Appendix C – Previous Environmental Reports

Limited Subsurface Investigation Letter Report

BROOKFIELD COMMONS PHASE 3
159 S. LEXINGTON AVENUE
WHITE PLAINS, NEW YORK
Remedial Action Work Plan
NYSDEC BCP Number: C360246
AKRF Project Number: 210122

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October 15, 2021

Mr. Omalawa Musa, LEED AP BD+C
Design Manager
Trinity New York Development, LLC
1350 Broadway, Suite # 2203
New York, NY 10018

Re: Brookfield Commons Phase 3 – White Plains, New York
Limited Subsurface Investigation Letter Report
AKRF Project Number 210122

Dear Mr. Musa:

AKRF, Inc. (AKRF) conducted a limited Subsurface Investigation (SI) on behalf of Trinity New York Development, LLC (Client) at the property located at 159 South Lexington Avenue in White Plains, Westchester County, New York (the "Property"). The Property is part of White Plains Tax Block 7, Lot 1, Section 125.83 and is developed with a nine-story apartment building with a basement, surrounding lawns and walkways, and a former playground and basketball court, which are part of an apartment building complex identified as Brookfield Commons or Winbrook. The remainder of the complex is located to the north and east of the Property. The Property is bounded to the north and east by the construction site of the new Brookfield Commons multi-story residential apartment building, known as "Phase 2 or The Overture"; to the south by a parking lot associated with the Winbrook complex, followed by a vacant lot and various commercial uses and two former filling stations; and to the west by South Lexington Avenue, followed by various commercial uses. The Property location is shown on Figure 1.

SITE BACKGROUND

A Phase I Environmental Site Assessment (ESA) of the Property was conducted by AKRF in July 2021. Historical Sanborn maps indicated that the Property was vacant in 1900. Between 1900 and 1942, the Property was developed with small residential buildings and associated garages, multiple three to four-story apartment buildings, an upholster, and an auto repair shop. These structures were demolished for construction of the existing apartment building and grounds, which were constructed in 1949-1950 as part of the Winbrook housing complex. The following Recognized Environmental Conditions (RECs) were identified:

- Historical land uses on the Property included auto repair and an upholster.
- Numerous nearby active- and closed-status petroleum spills, petroleum bulk storage facilities, hazardous waste generators (including generators of chlorinated solvents), and a State Brownfield Cleanup Program Site were reported in regulatory databases, including closed-status spills located on off-site areas of the Winbrook complex.

- Active-status New York State Department of Environmental Conservation (NYSDEC) Spill No. 9713110 was reported at a former filling station at 26 East Post Road, approximately 100 feet south of the Property. The spill resulted in a plume of petroleum-contaminated groundwater extending from the former filling station onto the Winbrook complex (the parking lot south-adjacent of the Property). Remedial activities included removal of contaminated soil, groundwater, and soil vapor, and installation and sampling of numerous groundwater monitoring wells. Groundwater sampling of wells associated with this spill in August and November 2016 did not identify significant concentrations of petroleum-related volatile organic compounds (VOCs) in the wells located on the Property. However, some wells in other areas of the Winbrook complex contained chlorinated VOCs, including tetrachloroethylene (PCE) at up to 1,000 parts per billion (ppb) and trichloroethene (TCE) at up to 55 ppb. The source of these chlorinated VOCs has not been identified.
- Active-status NYSDEC Spill No. 1608924 was reported in September 2015 at the gas station at 34 East Post Road, approximately 90 feet southeast of the Property. Soil and groundwater contamination was reported downgradient of this facility, and additional investigations were conducted in 2014-2016. Listing detail indicated: a Consent Order was executed by the NYSDEC in February 2018; a Remedial Action Work Plan was submitted to the NYSDEC in January 2019; and, as of August 2019, the City of White Plains intended to take over ownership of the property through the eminent domain process. Three additional closed-status spills were reported at this address.

In addition, De Minimis conditions associated with subsurface fill of unknown origin and chemical storage in the Property building, and out-of-scope considerations associated with suspect asbestos-containing material, potential lead-based paint, and materials and equipment potentially containing polychlorinated biphenyls were identified.

The Phase I also included several recommendations related to characterization and handling of excavated soil, underground storage tanks, and suspect ACM/LBP/PCB equipment during future site redevelopment.

This SI was intended to investigate the RECs identified in the Phase I ESA and to characterize subsurface conditions at the Property. The findings of this limited SI will be used to support the Site's Brownfield Cleanup Program (BCP) Application. The limited SI included a geophysical survey, the advancement of six borings with collection of 12 soil samples, installation of four temporary wells and collection of four groundwater samples, and collection of four soil vapor samples for laboratory analysis. The locations of the SI borings, wells, and vapor points are shown on Figure 2.

SITE HISTORY

Based on review of historical Sanborn maps, the Property was developed with small residential buildings and associated garages, multiple three to four-story apartment buildings, an upholster, and an auto repair shop between 1900 and 1942. These structures were demolished for construction of the existing apartment building and grounds, which were constructed in 1949-1950 as part of the Winbrook housing complex.

GEOPHYSICAL INVESTGATION

A geophysical survey, including ground-penetration radar (GPR) was performed by NOVA Geophysical Services (NOVA) in May 2021 across accessible areas of the Property to investigate the presence of potential USTs and/or utilities. GPR uses electromagnetic wave propagation and scattering to image and identify changes in the electrical and magnetic properties in the ground. The NOVA Geophysical Report is included in Attachment A.

SOIL BORING ADVANCEMENT AND SOIL SAMPLING

Six soil borings (SB-01 through SB-06) were advanced at the Property on April 27 and 28, 2021 by Eastern Environmental Solutions, Inc. of Manorville, New York (Eastern) using a Geoprobe® direct push drill rig. The borings were advanced up to a depth of 15 feet below ground surface (ft bgs) at the locations shown

on Figure 2. Samples were collected continuously from surface grade to boring termination depths using five-foot long, two-inch diameter, stainless steel macrocore piston rod samplers fitted with dedicated, internal acetate liners. Soil cores were field-screened for VOCs using a photoionization detector (PID) and logged using the modified Burmister soil classification system. The PID was calibrated at the beginning of each field day with isobutylene gas in accordance with the manufacturer's specifications. At each boring location, AKRF field personnel recorded and documented subsurface conditions. All sampling equipment was either dedicated, or decontaminated between sampling locations. Soil boring logs, and groundwater and soil vapor sampling logs are included in Attachment B.

Two soil samples were submitted for laboratory analysis from each soil boring. One sample was collected from the two-foot interval directly below ground surface and one sample was collected from the two-foot interval at the bottom of the historic fill layer observed at the Property, or from the two-foot interval directly above refusal, whichever was encountered first.

Soil cuttings were used to backfill the borehole from which they originated and the ground surface was subsequently patched at-grade to match pre-drilling conditions.

Soil samples slated for laboratory analysis were labeled and placed in laboratory-supplied containers and shipped to the laboratory via courier with appropriate chain of custody documentation in accordance with United States Environmental Protection Agency (EPA) protocols to Eurofins TestAmerica Laboratories of Edison, New Jersey (TestAmerica), a New York State Department of Health Environmental Laboratory Approval Program (NYSDOH ELAP)-certified laboratory. The samples were analyzed for VOCs by EPA Method 8260, semivolatile organic compounds (SVOCs) by EPA Method 8270, polychlorinated biphenyls (PCBs) by EPA Method 8082, and total analyte list (TAL) metals by EPA Method 6000/7000 series.

GROUNDWATER MONITORING WELL CONSTRUCTION AND GROUNDWATER SAMPLING

Four temporary groundwater monitoring wells (TW-01 through TW-04) were retrofitted in the corresponding soil boring. Well construction consisted of 1-inch diameter polyvinyl chloride (PVC) casing and well screen set across the observed water table. Prior to sampling, the depth to groundwater and total well depth were measured at each of the wells using an oil/water interface probe attached to a measuring tape accurate to 0.01 foot. No free phase product was detected in any of the wells. The temporary wells were purged of approximately three (3) well volumes prior to sampling. Groundwater quality parameters were recorded during purging.

Groundwater samples were collected from each well for laboratory analysis using a peristaltic pump and disposal tubing into laboratory-supplied containers. The groundwater samples were analyzed for VOCs by EPA Method 8260 and SVOCs by EPA Method 8270. For QA/QC purposes, one trip blank was collected for laboratory analysis of VOCs.

SOIL VAPOR POINT CONSTRUCTION AND SOIL VAPOR SAMPLING

Four soil vapor samples (SV-01 through SV-04) were collected from temporary soil vapor sampling points installed across the site. An expendable 6-inch-long stainless steel screened sampling point was attached to polyethylene tubing and advanced by the direct push rig to a depth of approximately 5 ft bgs at each location. The direct push rods were removed and sand was backfilled around the sampling tip. The remaining annular space in the borehole was backfilled with bentonite to grade to provide a seal, ensuring the collection of a representative sample and preventing short-circuiting of ambient air into the vapor sampling point.

Prior to collection, each sampling point was purged of three sampler volumes using a GilAir Plus personal air sampling pump at a flow rate of approximately 0.2 liters per minute. During purging, an inverted 5-gallon bucket was placed over each sampling point and helium gas was introduced through a small hole in the bucket to saturate the atmosphere around the sample port with helium gas. Purged vapors were collected

in a Tedlar bag and field-screen for organic vapors using a PID. The purged air was also monitored using a portable helium detector to check for short-circuiting of ambient air into the gas sampling point. All soil vapor points passed the seal integrity test when helium was not detected in the soil vapor points.

After purging, each probe was connected to polyethylene tubing to a laboratory-supplied 6-liter SUMMA canister fitted with a 2-hour flow controller. Immediately after opening the flow control valve, the initial SUMMA canister vacuum was noted. When the canister reached the approximate minimum vacuum necessary for laboratory analyses, the flow controller valve was closed, the final vacuum noted, and the canister placed in a shipping carton for delivery to the laboratory for analysis of VOCs by EPA method TO-15. An ambient air sample was also collected with the soil vapor samples for QA/QC purposes.

GEOLOGY AND HYDROGEOLOGY

Based on observations during the Phase II field work, soil beneath the Property consists of historic fill material (sand, gravel, silt, concrete, brick, glass, and asphalt) to approximately six ft bgs, underlain by apparent native soils (silt, peat, sand, clay and gravel) to the terminus of the borings (maximum of 15 feet bgs). Groundwater was encountered between 4 to 6 ft bgs during the investigation. Based on USGS mapping and previous investigations associated with the nearby spills, groundwater is expected to flow in a northwesterly direction toward the Bronx River.

ANALYTICAL RESULTS

Field Screening Results

Slightly elevated PID readings of up to 1.6 parts per million (ppm) were noted throughout the soil column in soil boring SB-04, and readings of less than 1 ppm were noted near the surface in soil borings SB-01 and SB-05. No petroleum-like odors or other visual evidence of gross contamination was noted in the soil borings. No free phase product was detected in the purge water from any of the temporary groundwater wells. Elevated PID readings of 7.3 and 5.6 ppm were noted in the purge vapors from SV-01 and SV-04, respectively.

Laboratory Analytical Results

Soil Chemistry

Soil sample analytical results were compared to the 6 New York Code of Rules and Regulations (NYCRR) Unrestricted Use Soil Cleanup Objectives (UUSCOs), Protection of Groundwater Soil Cleanup Objective (PGWSCOs), and Restricted-Residential Soil Cleanup Objectives (RRSCOs), the applicable Soil Cleanup Objectives (SCOs) for the proposed future use of the Site. Results are summarized in Tables 1 through 4 and on Figure 3.

Six metals (barium, copper, lead, mercury, silver and zinc) were detected above their respective UUSCOs in at least one of the soil samples. Lead was detected above its RRSCO and PGWSCO in five of the soil samples [SB-03 (0-2), SB-04 (0-2), SB-05 (0-2), SB-05 (3-5) and SB-06 (0-2)]. Barium and copper were detected above their RRSCOs in samples SB-04 (0-2) and SB-02 (0-2), respectively. Mercury was detected above its PGWSCO in sample SB-05 (0-2).

The PCB Aroclor 1254 was detected in soil sample SB-05 (0-2) above the UUSCO but below the RRSCO and PGWSCOs for total PCBs.

No VOCs or SVOCs were detected above their respective UUSCO, RRSCO, and PGWSCOs in any of the soil samples. The laboratory analytical report is included in Attachment C.

Groundwater Chemistry

Groundwater sample analytical results for VOCs and SVOCs were compared to the NYSDEC Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs). Results are summarized in Tables 5 and 6 and on Figure 4.

Tetrachloroethylene (PCE) was detected above its AWQSGVs in samples TW-01 [30 micrograms per liter (ug/l)] and TW-04 (440 ug/l). Cis-1,2-dichloroethylene, trichloroethylene (TCE), and vinyl chloride were also detected above their respective AWQSGVs in sample TW-04, at concentrations ranging from 4.1 to 76 ug/l).

No SVOCs were detected above their respective AWQSGVs in any of the groundwater samples. The laboratory analytical report is included in Attachment C.

Soil Vapor Chemistry

Four soil vapor samples and one ambient air sample were collected for laboratory analysis during the Phase II Investigation. The soil vapor samples were compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVS). Soil vapor samples SV-01, SV-02, and SV-03 were analyzed at a secondary dilution due to elevated concentrations of target compounds in the initial sample run. Results are summarized in Table 7 and on Figure 5.

VOCs associated with petroleum [including benzene, toluene, ethylbenzene, and xylenes (collectively referred to as BTEX)] were detected at variable concentrations in all of the soil vapor samples analyzed. Other petroleum-related VOCs, solvents, and chlorofluorocarbons were also detected in the samples.

The chlorinated VOC, PCE was detected in all of the soil vapor samples collected at concentrations ranging from 0.29 µg/m^3 to 45 µg/m^3. PCE was detected above its AGV of 30 µg/m^3 in sample SV-04 at 45 µg/m^3. The laboratory analytical report is included in Attachment C.

CONCLUSIONS

Based on the results of this investigation and the history of the Site, AKRF concludes that the identified soil, groundwater, and soil vapor contaminants appear to be associated with historic fill, and potentially past on-site operations and/or migration from off-site.

Please call me at (914) 922-2372 if you have any questions or comments.

Sincerely,
AKRF, Inc.

Gregory Baird
Senior Professional

Rebecca Kinal, P.E.
Vice President

cc: Colleen Griffiths - AKRF

Enc.

Tables 1 through 7 – Laboratory Analytical Results

Figure 1 – Site Location
Figure 2 – Site Plan and Sample Locations
Figure 3 – Soil Concentrations Above NYSDEC UUSCOs, RRSCOs, and/or PGWSCOs
Figure 4 – Groundwater Concentrations Above NYSDEC AWQSGVs
Figure 5 – Soil Vapor Sample Concentrations

Attachment A – NOVA Geophysical Report
Attachment B – Soil Boring Logs, and Groundwater and Soil Vapor Sampling Logs
Attachment C – Laboratory Analytical Report

TABLES

Table 1
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	SB-01_0-2_20210427	SB-01_4-6_20210427	SB-02_0-2_20210427	SB-02_4-6_20210427
			Laboratory Sample ID	460-233032-1	460-233032-2	460-233032-3	460-233032-4
			Date Sampled	4/27/2021	4/27/2021	4/27/2021	4/27/2021
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0015 U	0.0013 U	0.0015 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.27	0.0015 U	0.0013 U	0.0015 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.33	0.0015 U	0.0013 U	0.0015 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0015 U	0.0013 U	0.0015 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 UT
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0015 U	0.0013 U	0.0015 U	0.0013 U
1,2-Dichloropropane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	0.0015 U	0.0013 U	0.0015 U	0.0013 U
2-Hexanone	NS	NS	NS	0.0076 U	0.0065 U	0.0073 U	0.0064 U
Acetone	0.05	100	0.05	0.0091 U	0.0092	0.0088 U	0.0087
Benzene	0.06	4.8	0.06	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Bromochloromethane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Bromodichloromethane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Bromoform	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Bromomethane	NS	NS	NS	0.003 U	0.0026 U	0.0029 U	0.0026 U
Carbon Disulfide	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Chlorobenzene	1.1	100	1.1	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Chloroethane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Chloroform	0.37	49	0.37	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Chloromethane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Cyclohexane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Dibromochloromethane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Dichlorodifluoromethane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Ethylbenzene	1	41	1	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
M,P-Xylenes	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Methyl Acetate	NS	NS	NS	0.0076 U	0.0065 U	0.0073 U	0.0064 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0076 U	0.0065 U	0.0073 U	0.0064 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0076 U	0.0065 U	0.0073 U	0.0064 U
Methylcyclohexane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Methylene Chloride	0.05	100	0.05	0.003 U	0.0026 U	0.0029 U	0.0026 U
N-Butylbenzene	12	100	12	0.0015 U	0.0013 U	0.0015 U	0.0013 U
N-Propylbenzene	3.9	100	3.9	0.0015 U	0.0013 U	0.0015 U	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Sec-Butylbenzene	11	100	11	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Styrene	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
T-Butylbenzene	5.9	100	5.9	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Tert-Butyl Methyl Ether	0.93	100	0.93	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0015 UT	0.00047 JT	0.0015 UT	0.0013 U
Toluene	0.7	100	0.7	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Trichlorofluoromethane	NS	NS	NS	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Vinyl Chloride	0.02	0.9	0.02	0.0015 U	0.0013 U	0.0015 U	0.0013 U
Xylenes, Total	0.26	100	1.6	0.003 U	0.0026 U	0.0029 U	0.0026 U

Table 1
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	SB-03_0-2_20210428	SB-03_7-9_20210428	SB-04_0-2_20210428	SB-04_4-6_20210428
			Laboratory Sample ID	460-233141-1	460-233141-2	460-233141-3	460-233141-4
			Date Sampled	4/28/2021	4/28/2021	4/28/2021	4/28/2021
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.001 U	0.0012 U	0.0014 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.001 U	0.0012 U	0.0014 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.001 U	0.0012 U	0.0014 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.001 U	0.0012 U	0.0014 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02	0.001 U	0.0012 U	0.0014 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	0.001 U	0.0012 U	0.0014 U	0.0012 U
2-Hexanone	NS	NS	NS	0.0052 U	0.006 U	0.007 U	0.0061 U
Acetone	0.05	100	0.05	0.0063 U	0.022	0.0084 U	0.0073 U
Benzene	0.06	4.8	0.06	0.001 U	0.0012 U	0.0014 U	0.0012 U
Bromochloromethane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Bromodichloromethane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Bromoform	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Bromomethane	NS	NS	NS	0.0021 U	0.0024 U	0.0028 U	0.0024 U
Carbon Disulfide	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	0.001 U	0.0012 U	0.0014 U	0.0012 U
Chlorobenzene	1.1	100	1.1	0.001 U	0.0012 U	0.0014 U	0.0012 U
Chloroethane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Chloroform	0.37	49	0.37	0.001 U	0.0012 U	0.0014 U	0.0012 U
Chloromethane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.001 U	0.0012 U	0.0014 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Cyclohexane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Dibromochloromethane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Ethylbenzene	1	41	1	0.001 U	0.0012 U	0.0014 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
M,P-Xylenes	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Methyl Acetate	NS	NS	NS	0.0052 U	0.006 U	0.007 U	0.0061 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0052 U	0.0051 J	0.007 U	0.0061 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0052 UT	0.006 UT	0.007 UT	0.0061 UT
Methylcyclohexane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Methylene Chloride	0.05	100	0.05	0.0021 U	0.0024 U	0.0028 U	0.0024 U
N-Butylbenzene	12	100	12	0.001 U	0.0012 U	0.0014 U	0.0012 U
N-Propylbenzene	3.9	100	3.9	0.001 U	0.0012 U	0.0014 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Sec-Butylbenzene	11	100	11	0.001 U	0.0012 U	0.0014 U	0.0012 U
Styrene	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
T-Butylbenzene	5.9	100	5.9	0.001 U	0.0012 U	0.0014 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.93	0.001 U	0.0012 U	0.0014 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.001 U	0.0012 U	0.0014 U	0.0004 J
Toluene	0.7	100	0.7	0.001 U	0.0012 U	0.0014 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.001 U	0.0012 U	0.0014 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.47	0.001 U	0.0012 U	0.0014 U	0.0012 U
Trichlorofluoromethane	NS	NS	NS	0.001 U	0.0012 U	0.0014 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.02	0.001 U	0.0012 U	0.0014 U	0.0012 U
Xylenes, Total	0.26	100	1.6	0.0021 U	0.0024 U	0.0028 U	0.0024 U

Table 1
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	SB-05_0-2_20210427	SB-05_3-5_20210427	SB-06_0-2_20210427	SB-06_6-8_20210427
			Laboratory Sample ID	460-233032-5	460-233032-6	460-233032-7	460-233032-8
			Date Sampled	4/27/2021	4/27/2021	4/27/2021	4/27/2021
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0016 U	0.0012 U	0.0012 U	0.00097 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
1,1,2-Trichloroethane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
1,1-Dichloroethane	0.27	26	0.27	0.0016 U	0.0012 U	0.0012 U	0.00097 U
1,1-Dichloroethene	0.33	100	0.33	0.0016 U	0.0012 U	0.0012 U	0.00097 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0016 U	0.0012 U	0.0012 U	0.00097 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0016 U	0.0012 U	0.0012 U	0.00097 U
1,2-Dichloropropane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	0.0016 U	0.0012 U	0.0012 U	0.00097 U
2-Hexanone	NS	NS	NS	0.0078 U	0.0059 U	0.0061 U	0.0049 U
Acetone	0.05	100	0.05	0.0093 U	0.022	0.0073 U	0.0058 U
Benzene	0.06	4.8	0.06	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Bromochloromethane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Bromodichloromethane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Bromoform	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Bromomethane	NS	NS	NS	0.0031 U	0.0024 U	0.0024 U	0.0019 U
Carbon Disulfide	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Chlorobenzene	1.1	100	1.1	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Chloroethane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Chloroform	0.37	49	0.37	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Chloromethane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Cyclohexane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Dibromochloromethane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Dichlorodifluoromethane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Ethylbenzene	1	41	1	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
M,P-Xylenes	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Methyl Acetate	NS	NS	NS	0.0078 U	0.0059 U	0.0061 U	0.0049 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0078 U	0.0059 U	0.0061 U	0.0049 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0078 U	0.0059 U	0.0061 U	0.0049 U
Methylcyclohexane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Methylene Chloride	0.05	100	0.05	0.0031 U	0.0024 U	0.0024 U	0.0019 U
N-Butylbenzene	12	100	12	0.0016 U	0.0012 U	0.0012 U	0.00097 U
N-Propylbenzene	3.9	100	3.9	0.0016 U	0.0012 U	0.0012 U	0.00097 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Sec-Butylbenzene	11	100	11	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Styrene	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
T-Butylbenzene	5.9	100	5.9	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Tert-Butyl Methyl Ether	0.93	100	0.93	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0016 UT	0.0012 UT	0.0012 UT	0.00097 UT
Toluene	0.7	100	0.7	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Trichlorofluoromethane	NS	NS	NS	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Vinyl Chloride	0.02	0.9	0.02	0.0016 U	0.0012 U	0.0012 U	0.00097 U
Xylenes, Total	0.26	100	1.6	0.0031 U	0.0024 U	0.0024 U	0.0019 U

Table 2
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

			AKRF Sample ID	SB-01_0-2_20210427	SB-01_4-6_20210427	SB-02_0-2_20210427	SB-02_4-6_20210427
			Laboratory Sample ID	460-233032-1	460-233032-2	460-233032-3	460-233032-4
			Date Sampled	4/27/2021	4/27/2021	4/27/2021	4/27/2021
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
2,4-Dinitrotoluene	NS	NS	NS	0.08 U	0.086 U	0.091 U	0.091 U
2,6-Dinitrotoluene	NS	NS	NS	0.08 U	0.086 U	0.091 U	0.091 U
2-Chloronaphthalene	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
2-Methylnaphthalene	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
2-Nitroaniline	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
3,3'-Dichlorobenzidine	NS	NS	NS	0.16 U	0.17 U	0.18 U	0.18 U
3-Nitroaniline	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
4-Bromophenyl Phenyl Ether	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
4-Chloroaniline	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
4-Nitroaniline	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
Acenaphthene	20	100	98	0.012 J	0.42 U	0.45 U	0.45 U
Acenaphthylene	100	100	107	0.012 J	0.42 U	0.013 J	0.45 U
Anthracene	100	100	1,000	0.021 J	0.42 U	0.024 J	0.45 U
Benzo(a)Anthracene	1	1	1	0.096	0.02 J	0.092	0.12
Benzo(a)Pyrene	1	1	22	0.11	0.019 J	0.09	0.098
Benzo(b)Fluoranthene	1	1	1.7	0.14	0.033 J	0.13	0.12
Benzo(g,h,i)Perylene	100	100	1,000	0.069 J	0.42 U	0.064 J	0.042 J
Benzo(k)Fluoranthene	0.8	3.9	1.7	0.05	0.042 U	0.049	0.065
Benzyl Butyl Phthalate	NS	NS	NS	0.046 J	0.42 U	0.45 U	0.45 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS	0.039 U	0.042 U	0.045 U	0.045 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS	0.072 J	0.42 U	0.095 J	0.45 U
Carbazole	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
Chrysene	1	3.9	1	0.094 J	0.014 J	0.083 J	0.12 J
Dibenz(a,h)Anthracene	0.33	0.33	1,000	0.039 U	0.042 U	0.045 U	0.045 U
Dibenzofuran	7	59	210	0.39 U	0.42 U	0.45 U	0.45 U
Diethyl Phthalate	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
Dimethyl Phthalate	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
Di-N-Butyl Phthalate	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
Di-N-Octylphthalate	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
Fluoranthene	100	100	1,000	0.18 J	0.016 J	0.17 J	0.17 J
Fluorene	30	100	386	0.39 U	0.42 U	0.45 U	0.45 U
Hexachlorobenzene	0.33	1.2	3.2	0.039 U	0.042 U	0.045 U	0.045 U
Hexachlorobutadiene	NS	NS	NS	0.08 U	0.086 U	0.091 U	0.091 U
Hexachlorocyclopentadiene	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
Hexachloroethane	NS	NS	NS	0.039 U	0.042 U	0.045 U	0.045 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	8.2	0.095	0.042 U	0.068	0.061
Isophorone	NS	NS	NS	0.16 U	0.17 U	0.18 U	0.18 U
Naphthalene	12	100	12	0.01 J	0.42 U	0.45 U	0.45 U
Nitrobenzene	NS	NS	NS	0.039 U	0.042 U	0.045 U	0.045 U
N-Nitrosodi-N-Propylamine	NS	NS	NS	0.039 U	0.042 U	0.045 U	0.045 U
N-Nitrosodiphenylamine	NS	NS	NS	0.39 U	0.42 U	0.45 U	0.45 U
Phenanthrene	100	100	1,000	0.091 J	0.42 U	0.11 J	0.042 J
Pyrene	100	100	1,000	0.15 J	0.42 U	0.14 J	0.15 J

Table 2
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

			AKRF Sample ID	SB-03_0-2_20210428	SB-03_7-9_20210428	SB-04_0-2_20210428	SB-04_4-6_20210428
			Laboratory Sample ID	460-233141-1	460-233141-2	460-233141-3	460-233141-4
			Date Sampled	4/28/2021	4/28/2021	4/28/2021	4/28/2021
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
2,4-Dinitrotoluene	NS	NS	NS	0.077 U	0.089 U	0.087 U	0.083 U
2,6-Dinitrotoluene	NS	NS	NS	0.077 U	0.089 U	0.087 U	0.083 U
2-Chloronaphthalene	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
2-Methylnaphthalene	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
2-Nitroaniline	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
3,3'-Dichlorobenzidine	NS	NS	NS	0.15 U	0.18 U	0.17 U	0.16 U
3-Nitroaniline	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
4-Bromophenyl Phenyl Ether	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
4-Chloroaniline	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
4-Nitroaniline	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
Acenaphthene	20	100	98	0.38 U	0.44 U	0.014 J	0.41 U
Acenaphthylene	100	100	107	0.024 J	0.44 U	0.025 J	0.41 U
Anthracene	100	100	1,000	0.02 J	0.44 U	0.067 J	0.41 U
Benzo(a)Anthracene	1	1	1	0.092	0.044 U	0.24	0.019 J
Benzo(a)Pyrene	1	1	22	0.11	0.044 U	0.28	0.017 J
Benzo(b)Fluoranthene	1	1	1.7	0.16	0.044 U	0.31	0.018 J
Benzo(g,h,i)Perylene	100	100	1,000	0.089 J	0.44 U	0.18 J	0.41 U
Benzo(k)Fluoranthene	0.8	3.9	1.7	0.084	0.044 U	0.17	0.041 U
Benzyl Butyl Phthalate	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS	0.038 U	0.044 U	0.043 U	0.041 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
Carbazole	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
Chrysene	1	3.9	1	0.12 J	0.44 U	0.33 J	0.013 J
Dibenz(a,h)Anthracene	0.33	0.33	1,000	0.038 U	0.044 U	0.033 J	0.041 U
Dibenzofuran	7	59	210	0.38 U	0.44 U	0.43 U	0.41 U
Diethyl Phthalate	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
Dimethyl Phthalate	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
Di-N-Butyl Phthalate	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
Di-N-Octylphthalate	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
Fluoranthene	100	100	1,000	0.14 J	0.44 U	0.36 J	0.022 J
Fluorene	30	100	386	0.38 U	0.44 U	0.012 J	0.41 U
Hexachlorobenzene	0.33	1.2	3.2	0.038 U	0.044 U	0.043 U	0.041 U
Hexachlorobutadiene	NS	NS	NS	0.077 U	0.089 U	0.087 U	0.083 U
Hexachlorocyclopentadiene	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
Hexachloroethane	NS	NS	NS	0.038 U	0.044 U	0.043 U	0.041 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	8.2	0.091	0.044 U	0.17	0.041 U
Isophorone	NS	NS	NS	0.15 U	0.18 U	0.17 U	0.16 U
Naphthalene	12	100	12	0.38 U	0.44 U	0.024 J	0.41 U
Nitrobenzene	NS	NS	NS	0.038 U	0.044 U	0.043 U	0.041 U
N-Nitrosodi-N-Propylamine	NS	NS	NS	0.038 U	0.044 U	0.043 U	0.041 U
N-Nitrosodiphenylamine	NS	NS	NS	0.38 U	0.44 U	0.43 U	0.41 U
Phenanthrene	100	100	1,000	0.064 J	0.44 U	0.3 J	0.018 J
Pyrene	100	100	1,000	0.15 J	0.44 U	0.5	0.025 J

Table 2
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

			AKRF Sample ID	SB-05_0-2_20210427	SB-05_3-5_20210427	SB-06_0-2_20210427	SB-06_6-8_20210427
			Laboratory Sample ID	460-233032-5	460-233032-6	460-233032-7	460-233032-8
			Date Sampled	4/27/2021	4/27/2021	4/27/2021	4/27/2021
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
2,4-Dinitrotoluene	NS	NS	NS	0.076 U	0.078 U	0.078 U	0.075 U
2,6-Dinitrotoluene	NS	NS	NS	0.076 U	0.078 U	0.078 U	0.075 U
2-Chloronaphthalene	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
2-Methylnaphthalene	NS	NS	NS	0.012 J	0.38 U	0.015 J	0.37 U
2-Nitroaniline	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	NS	0.15 U	0.16 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
4-Bromophenyl Phenyl Ether	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
4-Chloroaniline	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
4-Nitroaniline	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
Acenaphthene	20	100	98	0.013 J	0.38 U	0.017 J	0.37 U
Acenaphthylene	100	100	107	0.027 J	0.38 U	0.053 J	0.37 U
Anthracene	100	100	1,000	0.03 J	0.38 U	0.062 J	0.37 U
Benzo(a)Anthracene	1	1	1	0.17	0.035 J	0.24	0.037 U
Benzo(a)Pyrene	1	1	22	0.2	0.032 J	0.28	0.037 U
Benzo(b)Fluoranthene	1	1	1.7	0.32	0.055	0.4	0.037 U
Benzo(g,h,i)Perylene	100	100	1,000	0.16 J	0.022 J	0.19 J	0.37 U
Benzo(k)Fluoranthene	0.8	3.9	1.7	0.12	0.02 J	0.15	0.037 U
Benzyl Butyl Phthalate	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS	0.038 U	0.038 U	0.038 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS	0.38 U	0.38 U	0.074 J	0.37 U
Carbazole	NS	NS	NS	0.021 J	0.38 U	0.03 J	0.37 U
Chrysene	1	3.9	1	0.23 J	0.039 J	0.26 J	0.37 U
Dibenz(a,h)Anthracene	0.33	0.33	1,000	0.032 J	0.038 U	0.039	0.037 U
Dibenzofuran	7	59	210	0.013 J	0.38 U	0.014 J	0.37 U
Diethyl Phthalate	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
Dimethyl Phthalate	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
Di-N-Octylphthalate	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
Fluoranthene	100	100	1,000	0.33 J	0.06 J	0.53	0.37 U
Fluorene	30	100	386	0.014 J	0.38 U	0.018 J	0.37 U
Hexachlorobenzene	0.33	1.2	3.2	0.038 U	0.038 U	0.038 U	0.037 U
Hexachlorobutadiene	NS	NS	NS	0.076 U	0.078 U	0.078 U	0.075 U
Hexachlorocyclopentadiene	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
Hexachloroethane	NS	NS	NS	0.038 U	0.038 U	0.038 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	8.2	0.18	0.025 J	0.23	0.037 U
Isophorone	NS	NS	NS	0.15 U	0.16 U	0.15 U	0.15 U
Naphthalene	12	100	12	0.028 J	0.016 J	0.03 J	0.37 U
Nitrobenzene	NS	NS	NS	0.038 U	0.038 U	0.038 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	NS	0.038 U	0.038 U	0.038 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	NS	0.38 U	0.38 U	0.38 U	0.37 U
Phenanthrene	100	100	1,000	0.16 J	0.043 J	0.3 J	0.37 U
Pyrene	100	100	1,000	0.28 J	0.052 J	0.46	0.37 U

Table 3
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Metals

			AKRF Sample ID	SB-01_0-2_20210427	SB-01_4-6_20210427	SB-02_0-2_20210427	SB-02_4-6_20210427
			Laboratory Sample ID	460-233032-1	460-233032-2	460-233032-3	460-233032-4
			Date Sampled	4/27/2021	4/27/2021	4/27/2021	4/27/2021
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NS	15,800	14,200	17,300	13,600
Antimony	NS	NS	NS	0.16 J	1.1 U	0.18 J	1.1 U
Arsenic	13	16	16	4.3	4.9	3.5	2.7
Barium	**350**	400	820	130	58.4	183	89.1
Beryllium	7.2	72	47	0.54	0.85	0.58	0.54
Cadmium	2.5	4.3	7.5	0.46 J	0.23 J	0.51 J	0.13 J
Calcium	NS	NS	NS	3,400	5,680	5,830	3,870
Chromium, Total	NS	NS	NS	24.7	20.3	28.3	18.8
Cobalt	NS	NS	NS	9.4	8.4	9.8	7.8
Copper	**50**	270	1,720	21.7	18.9	**317**	23.6
Iron	NS	NS	NS	25,400	22,800	23,400	19,900
Lead	**63**	400	450	**144**	35.6	**343**	**69.9**
Magnesium	NS	NS	NS	4,380	4,860	6,610	4,840
Manganese	1,600	2,000	2,000	684	263	434	246
Mercury	**0.18**	0.81	0.73	0.14	0.045	0.038	0.051
Nickel	30	310	130	19	20	19.5	14.5
Potassium	NS	NS	NS	1,690	1,200	2,260	1,970
Selenium	3.9	180	4	0.5 J	0.34 J	0.32 J	0.24 J
Silver	**2**	180	8.3	0.13 J	1.1 U	0.13 J	1.1 U
Sodium	NS	NS	NS	116	708	144	159
Thallium	NS	NS	NS	0.19 J	0.23 J	0.23 J	0.15 J
Vanadium	NS	NS	NS	34	30.9	46	29.7
Zinc	**109**	10,000	2,480	**165**	82.6	**206**	82.1

Table 3
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Metals

			AKRF Sample ID	SB-03_0-2_20210428	SB-03_7-9_20210428	SB-04_0-2_20210428	SB-04_4-6_20210428
			Laboratory Sample ID	460-233141-1	460-233141-2	460-233141-3	460-233141-4
			Date Sampled	4/28/2021	4/28/2021	4/28/2021	4/28/2021
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NS	12,000	13,900	10,100	10,300
Antimony	NS	NS	NS	0.23 J	1.3 U	0.84 J	0.26 J
Arsenic	13	16	16	4.2	2.8	8.3	4
Barium	**350**	400	820	111	146	**745**	74.9
Beryllium	7.2	72	47	0.38 J	0.54	0.42 J	0.35 J
Cadmium	2.5	4.3	7.5	0.42 J	1.3 U	0.9 J	0.16 J
Calcium	NS	NS	NS	7,600	2,800	10,100	8,870
Chromium, Total	NS	NS	NS	21.6	23.6	69.5	16.5
Cobalt	NS	NS	NS	9.3	9.5	7.5	7.5
Copper	**50**	270	1,720	33	16.9	**104**	20
Iron	NS	NS	NS	19,400	22,600	23,600	16,700
Lead	**63**	400	450	**1,140**	10.3	**1,170**	62.8
Magnesium	NS	NS	NS	5,790	5,560	4,340	6,960
Manganese	1,600	2,000	2,000	267	173	348	371
Mercury	**0.18**	0.81	0.73	0.094	0.037	**0.37**	**0.22**
Nickel	30	310	130	19.9	18.2	18.9	13.5
Potassium	NS	NS	NS	3,110	1,630	1,570	1,580
Selenium	3.9	180	4	0.28 J	0.29 J	0.43 J	0.14 J
Silver	**2**	180	8.3	0.14 J	1.3 U	0.74 J	1.2 U
Sodium	NS	NS	NS	206	299	248	140
Thallium	NS	NS	NS	0.19 J	0.16 J	0.16 J	0.18 J
Vanadium	NS	NS	NS	31.8	31.2	35.7	25.3
Zinc	**109**	10,000	2,480	**145**	84.9	**751**	74.4

Table 3
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Metals

				AKRF Sample ID	SB-05_0-2_20210427	SB-05_0-2_20210427	SB-05_3-5_20210427	SB-05_3-5_20210427
				Laboratory Sample ID	460-233032-5	460-233032-5	460-233032-6	460-233032-6
				Date Sampled	4/27/2021	4/27/2021	4/27/2021	4/27/2021
				Dilution Factor	1	5	1	6
				Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NS		NR	6,260	NR	10,300
Antimony	NS	NS	NS		NR	5.3 U	NR	9.1
Arsenic	13	16	16		NR	8.3	NR	5.7
Barium	**350**	400	820		NR	217	NR	193
Beryllium	7.2	72	47		NR	2.1 U	NR	0.32 J
Cadmium	2.5	4.3	7.5		NR	1.6 J	NR	0.81 J
Calcium	NS	NS	NS		NR	31,400	NR	41,100
Chromium, Total	NS	NS	NS		NR	21.4	NR	24.2
Cobalt	NS	NS	NS		NR	6.4 J	NR	7.6 J
Copper	**50**	270	1,720		NR	**58.1**	NR	**50.9**
Iron	NS	NS	NS		NR	18,400	NR	18,900
Lead	**63**	400	450		NR	**635**	NR	**753**
Magnesium	NS	NS	NS		NR	6,000	NR	8,170
Manganese	1,600	2,000	2,000		NR	269	NR	287
Mercury	**0.18**	0.81	0.73		**0.78**	NR	**0.39**	NR
Nickel	30	310	130		NR	18.7	NR	19.3
Potassium	NS	NS	NS		NR	1,330	NR	2,950
Selenium	3.9	180	4		NR	0.7 J	NR	6.9 U
Silver	**2**	180	8.3		NR	5.3 U	NR	**2.3 J**
Sodium	NS	NS	NS		NR	163 J	NR	338 J
Thallium	NS	NS	NS		NR	2.1 U	NR	2.2 U
Vanadium	NS	NS	NS		NR	20.6	NR	30.9
Zinc	**109**	10,000	2,480		NR	**425**	NR	**201**

Table 3
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Metals

				AKRF Sample ID	SB-06_0-2_20210427	SB-06_0-2_20210427	SB-06_6-8_20210427
				Laboratory Sample ID	460-233032-7	460-233032-7	460-233032-8
				Date Sampled	4/27/2021	4/27/2021	4/27/2021
				Dilution Factor	1	7	1
				Unit	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NS		NR	12,600	11,400
Antimony	NS	NS	NS		NR	6.3 U	0.84 U
Arsenic	13	16	16		NR	10	1.5
Barium	**350**	400	820		NR	282	60
Beryllium	7.2	72	47		NR	0.66 J	0.42
Cadmium	2.5	4.3	7.5		NR	0.81 J	0.84 U
Calcium	NS	NS	NS		NR	22,800	6,440
Chromium, Total	NS	NS	NS		NR	22.3	20.8
Cobalt	NS	NS	NS		NR	9.3 J	8.2
Copper	**50**	270	1,720		NR	47.3	20.6
Iron	NS	NS	NS		NR	18,200	18,500
Lead	**63**	400	450		NR	**567**	6.6
Magnesium	NS	NS	NS		NR	5,580	6,600
Manganese	1,600	2,000	2,000		NR	318	302
Mercury	**0.18**	0.81	0.73		**0.78**	NR	0.018 U
Nickel	30	310	130		NR	20.5	16.4
Potassium	NS	NS	NS		NR	1,840	3,010
Selenium	3.9	180	4		NR	1.9 J	1 U
Silver	**2**	180	8.3		NR	6.3 U	0.84 U
Sodium	NS	NS	NS		NR	289 J	599
Thallium	NS	NS	NS		NR	2.5 U	0.19 J
Vanadium	NS	NS	NS		NR	35.6	28.5
Zinc	**109**	10,000	2,480		NR	**410**	39.1

Table 4
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

			AKRF Sample ID	SB-01_0-2_20210427	SB-01_4-6_20210427	SB-02_0-2_20210427	SB-02_4-6_20210427
			Laboratory Sample ID	460-233032-1	460-233032-2	460-233032-3	460-233032-4
			Date Sampled	4/27/2021	4/27/2021	4/27/2021	4/27/2021
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.08 U	0.086 U	0.091 U	0.091 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.08 U	0.086 U	0.091 U	0.091 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.08 U	0.086 U	0.091 U	0.091 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.08 U	0.086 U	0.091 U	0.091 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.08 U	0.086 U	0.091 U	0.091 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.08 U	0.086 U	0.091 U	0.091 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.08 U	0.086 U	0.091 U	0.091 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.08 U	0.086 U	0.091 U	0.091 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.08 U	0.086 U	0.091 U	0.091 U
Total PCBs	**0.1**	1	3.2	0.08 U	0.086 U	0.091 U	0.091 U

Table 4
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

			AKRF Sample ID	SB-03_0-2_20210428	SB-03_7-9_20210428	SB-04_0-2_20210428	SB-04_4-6_20210428
			Laboratory Sample ID	460-233141-1	460-233141-2	460-233141-3	460-233141-4
			Date Sampled	4/28/2021	4/28/2021	4/28/2021	4/28/2021
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.077 U	0.089 U	0.087 U	0.083 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.077 U	0.089 U	0.087 U	0.083 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.077 U	0.089 U	0.087 U	0.083 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.077 U	0.089 U	0.087 U	0.083 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.077 U	0.089 U	0.087 U	0.083 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.077 U	0.089 U	0.087 U	0.083 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.077 U	0.089 U	0.087 U	0.083 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.077 U	0.089 U	0.087 U	0.083 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.077 U	0.089 U	0.087 U	0.083 U
Total PCBs	**0.1**	1	3.2	0.077 U	0.089 U	0.087 U	0.083 U

Table 4
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

			AKRF Sample ID	SB-05_0-2_20210427	SB-05_3-5_20210427	SB-06_0-2_20210427	SB-06_6-8_20210427
			Laboratory Sample ID	460-233032-5	460-233032-6	460-233032-7	460-233032-8
			Date Sampled	4/27/2021	4/27/2021	4/27/2021	4/27/2021
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.076 U	0.078 U	0.078 U	0.075 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.076 U	0.078 U	0.078 U	0.075 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.076 U	0.078 U	0.078 U	0.075 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.076 U	0.078 U	0.078 U	0.075 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.076 U	0.078 U	0.078 U	0.075 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.59	0.078 U	0.078 U	0.075 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.076 U	0.078 U	0.064 J	0.075 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.076 U	0.078 U	0.078 U	0.075 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.076 U	0.078 U	0.078 U	0.075 U
Total PCBs	**0.1**	1	3.2	**0.59**	0.078 U	0.064 J	0.075 U

Table 5
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Groundwater Analytical Results of VOCs

AKRF Sample ID		TW-01_20210427	TW-03_20210428	TW-04_20210428	TW-05_20210427	RI-TB-GW
Laboratory Sample ID		460-233064-1	460-233152-1	460-233152-2	460-233064-2	460-233064-3
Date Sampled		4/27/2021	4/28/2021	4/28/2021	4/27/2021	4/27/2021
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	NR	NR	NR	NR	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	NR	NR	NR	NR	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U
Benzene	1	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	0.46 J	1 U	1 U
Chloromethane	5	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	**5**	2.4	1 U	**76**	0.42 J	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	5	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1.3	1 U	0.75 J	1 U	1 U
Tetrachloroethylene (PCE)	**5**	**30**	1 U	**440**	2	1 U
Toluene	5	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	0.5 J	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	**5**	2	1 U	**9.5**	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	**2**	1 U	1 U	**4.1**	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U	2 U

Table 6
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Groundwater Analytical Results of SVOCs

	AKRF Sample ID	TW-01_20210427	TW-03_20210428	TW-04_20210428	TW-05_20210427
	Laboratory Sample ID	460-233064-1	460-233152-1	460-233152-2	460-233064-2
	Date Sampled	4/27/2021	4/28/2021	4/28/2021	4/27/2021
	Unit	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	NS	0.2 U	0.2 U	0.12 J	0.2 U
2,4-Dinitrotoluene	5	2 U	2 U	2 U	2 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U
3-Nitroaniline	5	10 U	10 U	10 U	10 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U	10 U
Acenaphthene	20	10 U	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U
Benzo(a)Anthracene	0.002	1 U	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U	2 U	2 U
Carbazole	NS	10 U	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 U	1 U
Dibenzofuran	NS	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 U	2 U
Isophorone	50	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U
Phenanthrene	50	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U

Table 7
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Vapor Analytical Results of VOCs

		Sample ID	SV-01_20210428	SV-01_20210428	SV-02_20210428	SV-02_20210428	SV-03_20210428
		Lab Sample ID	200-58258-2	200-58258-2	200-58258-3	200-58258-3	200-58258-4
		Date Sampled	4/28/2021	4/28/2021	4/28/2021	4/28/2021	4/28/2021
		Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
		Dilution Factor	1	4	1	10	1
Compound	**NYSDOH Matrix Value**	**NYSDOH AGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1,000	NS	1.1 U	4.4 U	1.1 U	11 U	1.1 U
1,1,2,2-Tetrachloroethane	NS	NS	1.4 U	5.5 U	1.4 U	14 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.63 J	6.1 U	0.57 J	15 U	1.5 U
1,1,2-Trichloroethane	NS	NS	1.1 U	4.4 U	1.1 U	11 U	1.1 U
1,1-Dichloroethane	NS	NS	0.81 U	3.2 U	0.81 U	8.1 U	0.81 U
1,1-Dichloroethene	60	NS	0.2 U	0.8 U	0.2 U	2 U	0.2 U
1,2,4-Trichlorobenzene	NS	NS	3.7 U	15 U	3.7 U	37 U	3.7 U
1,2,4-Trimethylbenzene	NS	NS	20	12 D	6.4	9.8 U	20
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	1.5 U	6.1 U	1.5 U	15 U	1.5 U
1,2-Dichlorobenzene	NS	NS	1.2 U	4.8 U	1.2 U	12 U	1.2 U
1,2-Dichloroethane	NS	NS	0.81 U	3.2 U	0.81 U	8.1 U	0.81 U
1,2-Dichloropropane	NS	NS	0.92 U	3.7 U	0.92 U	9.2 U	0.92 U
1,2-Dichlorotetrafluoroethane	NS	NS	1.4 U	5.6 U	1.4 U	14 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	NS	7.4	4.7 D	2	9.8 U	6.7
1,3-Butadiene	NS	NS	9	5.9 D	2.3	4.4 U	2.1
1,3-Dichlorobenzene	NS	NS	1.2 U	4.8 U	1.2 U	12 U	1.2 U
1,4-Dichlorobenzene	NS	NS	1.2 U	4.8 U	1.2 U	12 U	1.2 U
2,2,4-Trimethylpentane	NS	NS	3.7	2.3 DJ	8.7	4.7 DJ	2.9
2-Chlorotoluene	NS	NS	1 U	4.1 U	1 U	10 U	1 U
2-Hexanone	NS	NS	24	11 D	89	38 D	65
4-Ethyltoluene	NS	NS	4.6	2 DJ	1.8	9.8 U	5.2
Acetone	NS	NS	58	46 DJ	NR	350 D	60
Allyl Chloride (3-Chloropropene)	NS	NS	1.6 U	6.3 U	1.6 U	16 U	1.6 U
Benzene	NS	NS	11	8 D	1.6	6.4 U	3.2
Benzyl Chloride	NS	NS	1 U	4.1 U	1 U	10 U	1 U
Bromodichloromethane	NS	NS	1.3 U	5.4 U	1.3 U	13 U	1.3 U
Bromoform	NS	NS	2.1 U	8.3 U	2.1 U	21 U	2.1 U
Bromomethane	NS	NS	0.78 U	3.1 U	0.78 U	7.8 U	0.78 U
Butane	NS	NS	89	65 D	11	5.7 DJ	18
Carbon Disulfide	NS	NS	10	7.9 D	1.7	16 U	1.5 J
Carbon Tetrachloride	60	NS	0.45	0.88 U	0.22 U	2.2 U	0.22 U
Chlorobenzene	NS	NS	0.92 U	3.7 U	0.92 U	9.2 U	0.92 U
Chlorodifluoromethane	NS	NS	1.2 J	7.1 U	0.88 J	18 U	0.86 J
Chloroethane	NS	NS	1.3 U	5.3 U	1.3 U	13 U	1.3 U
Chloroform	NS	NS	0.39 J	3.9 U	1.1	9.8 U	0.66 J
Chloromethane	NS	NS	1 U	4.1 U	0.65 J	10 U	0.41 J
Cis-1,2-Dichloroethylene	60	NS	0.2 U	0.8 U	0.2 U	2 U	0.2 U
Cis-1,3-Dichloropropene	NS	NS	0.91 U	3.6 U	0.91 U	9.1 U	0.91 U
Cyclohexane	NS	NS	5.5	3.4 D	2	6.9 U	2
Cymene	NS	NS	2.4	1.1 DJ	9.7	4.1 DJ	1.1
Dibromochloromethane	NS	NS	1.7 U	6.8 U	1.7 U	17 U	1.7 U
Dichlorodifluoromethane	NS	NS	2.3 J	2.5 DJ	2.2 J	25 U	2.1 J
Ethylbenzene	NS	NS	8.5	5.9 D	3.4	8.7 U	8.2
Hexachlorobutadiene	NS	NS	2.1 U	8.5 U	2.1 U	21 U	2.1 U
Isopropanol	NS	NS	3.7 J	49 U	5.7 J	120 U	3.6 J
Isopropylbenzene (Cumene)	NS	NS	0.98 U	3.9 U	0.98 U	9.8 U	0.98 U
M,P-Xylenes	NS	NS	34	20 D	15	22 U	37
Methyl Ethyl Ketone (2-Butanone)	NS	NS	NR	150 D	NR	64 D	NR
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	3.3	8.2 U	3	20 U	2.9
Methyl Methacrylate	NS	NS	2 U	8.2 U	2 U	20 U	2 U
Methylene Chloride	1,000	60	1.7 U	6.9 U	1.7 U	17 U	0.6 J
Naphthalene	NS	NS	0.94 J	10 U	2.6 U	26 U	2.6 U
N-Butylbenzene	NS	NS	1.1	4.4 U	1.1 U	11 U	1.3
N-Heptane	NS	NS	25	14 D	NR	250 D	15
N-Hexane	NS	NS	27	19 D	5.1	7 U	6.9
N-Propylbenzene	NS	NS	3.9	2.3 DJ	1.2	9.8 U	4.2
O-Xylene (1,2-Dimethylbenzene)	NS	NS	13	8.4 D	5.4	8.7 U	15
Sec-Butylbenzene	NS	NS	1.5	4.4 U	1.1 U	11 U	1.4
Styrene	NS	NS	1.3	0.58 DJ	0.49 J	8.5 U	1.7
T-Butylbenzene	NS	NS	1.1 U	4.4 U	1.1 U	11 U	1.1 U
Tert-Butyl Alcohol	NS	NS	15 U	61 U	6.2 J	150 U	15 U
Tert-Butyl Methyl Ether	NS	NS	0.72 U	2.9 U	0.72 U	7.2 U	0.72 U
Tetrachloroethylene (PCE)	1,000	**30**	0.5 J	5.4 U	0.29 J	14 U	5.2
Tetrahydrofuran	NS	NS	15 U	59 U	15 U	150 U	15 U
Toluene	NS	NS	18	11 D	7.3	5.7 DJ	14
Trans-1,2-Dichloroethene	NS	NS	0.79 U	3.2 U	0.79 U	7.9 U	0.79 U
Trans-1,3-Dichloropropene	NS	NS	0.91 U	3.6 U	0.91 U	9.1 U	0.91 U
Trichloroethylene (TCE)	60	2	0.2 U	0.8 U	0.2 U	2 U	0.2 U
Trichlorofluoromethane	NS	NS	1.7	1.2 DJ	1.3	11 U	1.4
Vinyl Bromide	NS	NS	0.87 U	3.5 U	0.87 U	8.7 U	0.87 U
Vinyl Chloride	60	NS	0.2 U	0.8 U	0.2 U	2 U	0.2 U

Table 7
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Soil Vapor Analytical Results of VOCs

		Sample ID	SV-03_20210428	SV-04_20210428	AA-01_20210428
		Lab Sample ID	200-58258-4	200-58258-5	200-58258-1
		Date Sampled	4/28/2021	4/28/2021	4/28/2021
		Unit	µg/m^3	µg/m^3	µg/m^3
		Dilution Factor	10	20	1
Compound	**NYSDOH Matrix Value**	**NYSDOH AGV**	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1,000	NS	11 U	22 U	1.1 U
1,1,2,2-Tetrachloroethane	NS	NS	14 U	27 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	15 U	31 U	0.56 J
1,1,2-Trichloroethane	NS	NS	11 U	22 U	1.1 U
1,1-Dichloroethane	NS	NS	8.1 U	16 U	0.81 U
1,1-Dichloroethene	60	NS	2 U	4 U	0.2 U
1,2,4-Trichlorobenzene	NS	NS	37 U	74 U	3.7 U
1,2,4-Trimethylbenzene	NS	NS	11 D	39	0.47 J
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	15 U	31 U	1.5 U
1,2-Dichlorobenzene	NS	NS	12 U	24 U	1.2 U
1,2-Dichloroethane	NS	NS	8.1 U	16 U	0.81 U
1,2-Dichloropropane	NS	NS	9.2 U	18 U	0.92 U
1,2-Dichlorotetrafluoroethane	NS	NS	14 U	28 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	NS	3.7 DJ	34	0.98 U
1,3-Butadiene	NS	NS	4.4 U	8.8 U	0.44 U
1,3-Dichlorobenzene	NS	NS	12 U	24 U	1.2 U
1,4-Dichlorobenzene	NS	NS	12 U	24 U	1.2 U
2,2,4-Trimethylpentane	NS	NS	9.3 U	23	1.8
2-Chlorotoluene	NS	NS	10 U	21 U	1 U
2-Hexanone	NS	NS	28 D	41 U	2 U
4-Ethyltoluene	NS	NS	2.8 DJ	20	0.98 U
Acetone	NS	NS	120 U	840	13
Allyl Chloride (3-Chloropropene)	NS	NS	16 U	31 U	1.6 U
Benzene	NS	NS	2.5 DJ	23	1.1
Benzyl Chloride	NS	NS	10 U	21 U	1 U
Bromodichloromethane	NS	NS	13 U	27 U	1.3 U
Bromoform	NS	NS	21 U	41 U	2.1 U
Bromomethane	NS	NS	7.8 U	16 U	0.78 U
Butane	NS	NS	9.2 DJ	48	NR
Carbon Disulfide	NS	NS	16 U	12 J	1.6 U
Carbon Tetrachloride	60	NS	2.2 U	4.4 U	0.49
Chlorobenzene	NS	NS	9.2 U	18 U	0.92 U
Chlorodifluoromethane	NS	NS	18 U	35 U	1.5 J
Chloroethane	NS	NS	13 U	26 U	1.3 U
Chloroform	NS	NS	9.8 U	20 U	0.98 U
Chloromethane	NS	NS	10 U	21 U	1.6
Cis-1,2-Dichloroethylene	60	NS	2 U	4 U	0.39
Cis-1,3-Dichloropropene	NS	NS	9.1 U	18 U	0.91 U
Cyclohexane	NS	NS	6.9 U	51	2.9
Cymene	NS	NS	11 U	5.3 J	1.1 U
Dibromochloromethane	NS	NS	17 U	34 U	1.7 U
Dichlorodifluoromethane	NS	NS	25 U	49 U	2.5
Ethylbenzene	NS	NS	6.8 DJ	140	0.54 J
Hexachlorobutadiene	NS	NS	21 U	43 U	2.1 U
Isopropanol	NS	NS	120 U	250 U	7.6 J
Isopropylbenzene (Cumene)	NS	NS	9.8 U	20 U	0.98 U
M,P-Xylenes	NS	NS	20 DJ	350	1.8 J
Methyl Ethyl Ketone (2-Butanone)	NS	NS	330 D	650	1.4 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	20 U	26 J	2 U
Methyl Methacrylate	NS	NS	20 U	41 U	60
Methylene Chloride	1,000	60	17 U	35 U	0.66 J
Naphthalene	NS	NS	26 U	52 U	NR
N-Butylbenzene	NS	NS	11 U	22 U	1.1 U
N-Heptane	NS	NS	6.6 DJ	150	1.1
N-Hexane	NS	NS	7 U	49	2.4
N-Propylbenzene	NS	NS	2.5 DJ	25	0.98 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	10 D	210	0.57 J
Sec-Butylbenzene	NS	NS	11 U	5 J	1.1 U
Styrene	NS	NS	8.5 U	1,500	0.85 U
T-Butylbenzene	NS	NS	11 U	22 U	1.1 U
Tert-Butyl Alcohol	NS	NS	150 U	300 U	15 U
Tert-Butyl Methyl Ether	NS	NS	7.2 U	14 U	0.72 U
Tetrachloroethylene (PCE)	1,000	**30**	1.9 DJ	**45**	0.42 J
Tetrahydrofuran	NS	NS	150 U	290 U	15 U
Toluene	NS	NS	9 D	560	7
Trans-1,2-Dichloroethene	NS	NS	7.9 U	16 U	0.79 U
Trans-1,3-Dichloropropene	NS	NS	9.1 U	18 U	0.91 U
Trichloroethylene (TCE)	60	2	2 U	4 U	0.2 U
Trichlorofluoromethane	NS	NS	11 U	22 U	1.6
Vinyl Bromide	NS	NS	8.7 U	17 U	0.87 U
Vinyl Chloride	60	NS	2 U	4 U	0.2 U

Tables 1-7
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Subsurface (Phase II) Investigation
Notes

DEFINITIONS

D : Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.

J : The concentration given is an estimated value.

ND : The standard is a non-detectable concentration by the approved analytical method.

NR : Not reported.

NS : No standard.

T : Indicates that a quality control parameter has exceeded laboratory limits.

U : The analyte was not detected at the indicated concentration.

mg/kg : milligrams per kilogram

µg/L : micrograms per liter

µg/m^3 : micrograms per cubic meter of air

STANDARDS

Part 375 Soil Cleanup Objectives : Soil Cleanup Objectives listed in New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations [6 New York Codes, Rules and Regulations (NYCRR) Part 375].

Exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in gray shading.
Exceedances of Part 375 Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) are highlighted with an underline.

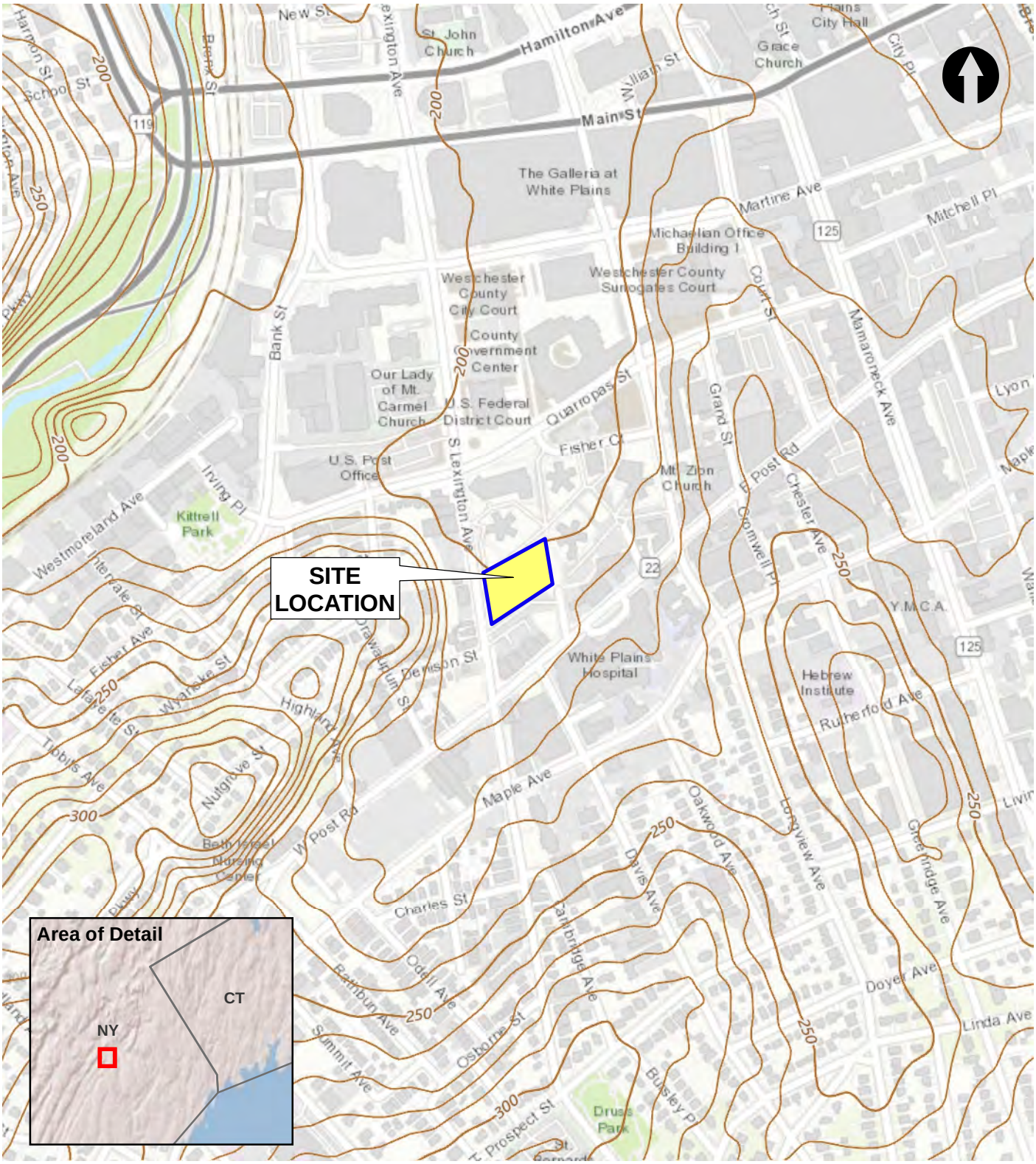
NYSDEC Class GA AWQSGVs : New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs).

Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font.

NYSDOH Soil Vapor Intrusion Air Guidance Value : New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 ("NYSDOH Vapor Intrusion Guidance Document"), updated September 2013 for change of AGV for PCE, August 2015 for TCE, and May 2017 for NYSDOH Matrices A, B, and C for PCE, TCE, c1,2-DCE, 1,1-DCE, carbon tetrachloride, 1,1,1-TCA, methylene chloride, and vinyl chloride. The matrix values listed are the sub-slab soil vapor concentration where mitigation is recommended regardless of the indoor air concentration.

Exceedances of NYSDOH Soil Vapor Intrusion Air Guidance Values are highlighted in bold font.
Exceedances of NYSDOH Soil Vapor Intrusion Air Guidance Matrix Values are highlighted in gray.

FIGURES



Service Layer Credits: USGS The National Map: 3d Elevation Program 2021
Map Source: World Topo map service from ESRI

0 600 1,200

SCALE IN FEET

AKRF
34 South Broadway #401
White Plains, NY 10601

Brookfield Commons Phase 3
White Plains, New York

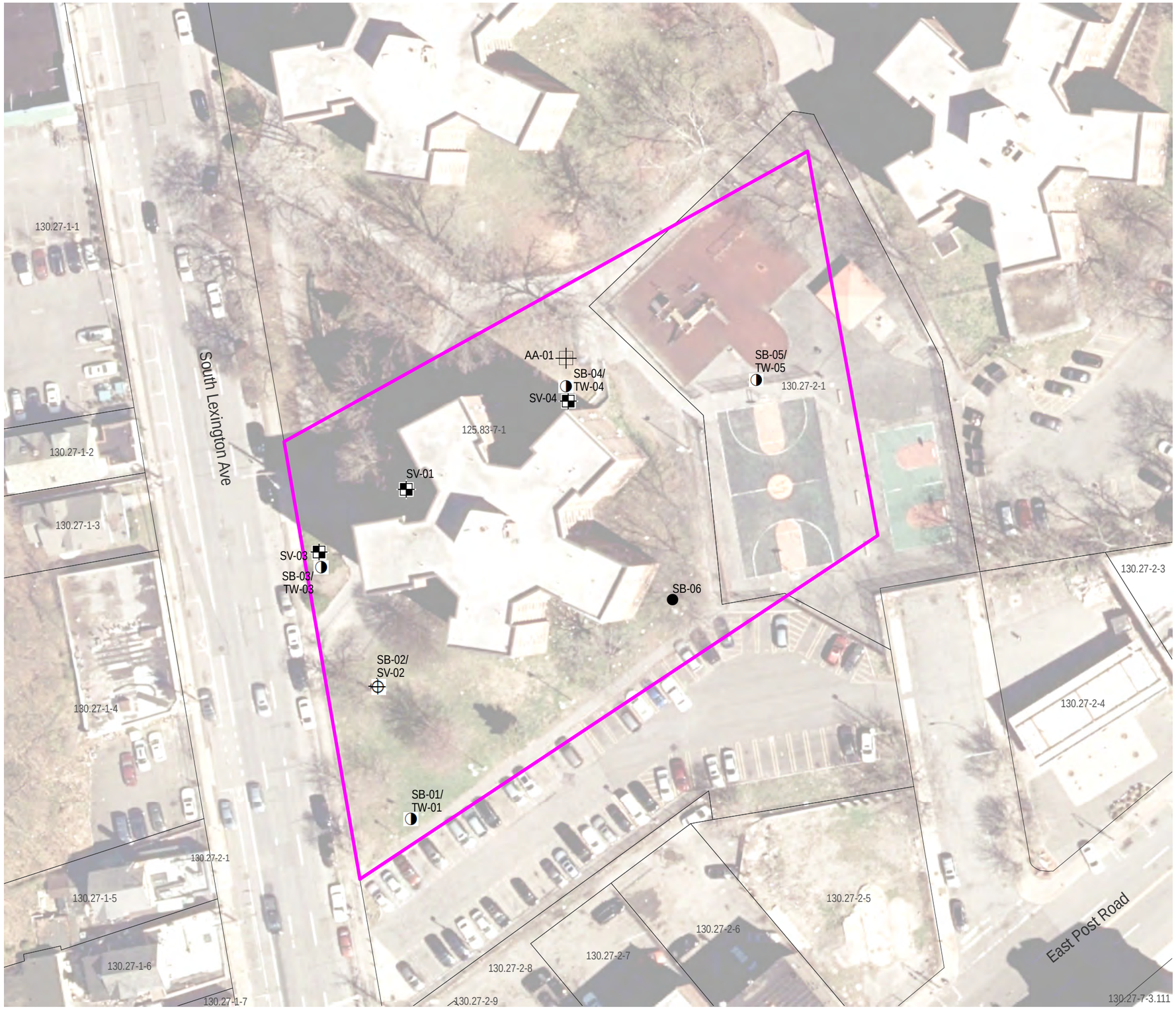
SITE LOCATION

DATE
7/15/2021

PROJECT NO.
210122

FIGURE
1

©2021 AKRF W:\Projects\210122 - SAR BROOKFIELD COMMONS PHASE 3\Technical\GIS and Graphics\SAR\210122 Fig 1 Site Location.mxd 6/14/2021 2:44:22 PM jszalus



LEGEND

- PROJECT SITE BOUNDARY
- 130.27-2-1 LOT BOUNDARY AND PRINT KEY (BLOCK AND LOT)
- SOIL BORING
- SOIL BORING/TEMPORARY WELL
- SOIL BORING/SOIL VAPOR POINT
- SOIL VAPOR POINT
- AMBIENT AIR SAMPLE LOCATION

0 25 50 100

SCALE IN FEET

Map Source:
giswww.westchestergov.com (GIS database)

Aerial Source:
2018 New York Statewide Digital Orthoimagery

AKRF
34 South Broadway #401
White Plains, NY 10601

Brookfield Commons Phase 3
White Plains, New York

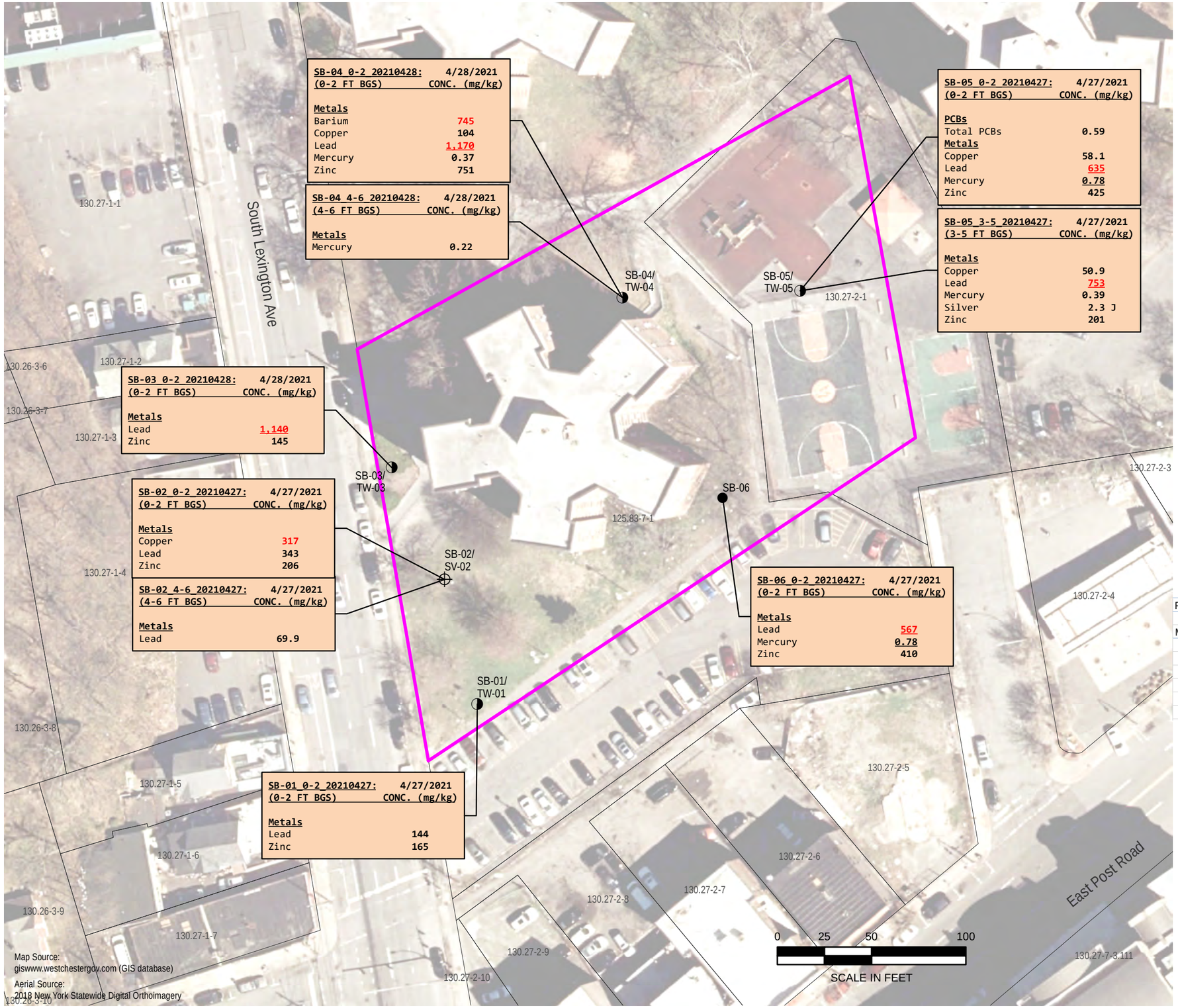
SITE PLAN AND SAMPLING LOCATIONS

DATE
7/26/2021

PROJECT NO.
210122

FIGURE
2

©2021 AKRF W:\Projects\210122 - SAR BROOKFIELD COMMONS PHASE 3\Technical\GIS and Graphics\SAR\Ph II\210122 Fig 2 Site Plan and Sampling Locations.mxd 7/26/2021 11:20:14 AM iszalus



Map Source:
giswww.westchestergov.com (GIS database)

Aerial Source:
2018 New York Statewide Digital Orthoimagery

LEGEND

- PROJECT SITE BOUNDARY
- 130.27-2-1 LOT BOUNDARY WITH BLOCK AND LOT NUMBER
- SOIL BORING
- SOIL BORING/TEMPORARY WELL
- SOIL BORING/SOIL VAPOR POINT

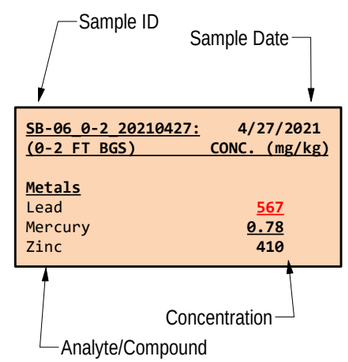
SOIL

Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) are presented in bold font.
Exceedances of NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) are presented in red.
Exceedances of NYSDEC Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) are presented in underlined font.

mg/kg:milligrams per kilogram = parts per million (ppm)

J: The concentration given is an estimated value.

	Part 375 PROTECTION OF GROUNDWATER mg/kg	PART 375 RESTRICTED RESIDENTIAL mg/kg	PART 375 UNRESTRICTED mg/kg
PCBs			
Total PCBs	3.2	1	0.1
Metals			
Barium	820	400	350
Copper	1720	270	50
Lead	450	400	63
Mercury	0.73	0.81	0.18
Silver	8.3	180	2
Zinc	2480	10000	109



AKRF
440 Park Avenue South, New York, NY 10016

Brookfield Commons Phase 3
White Plains, New York

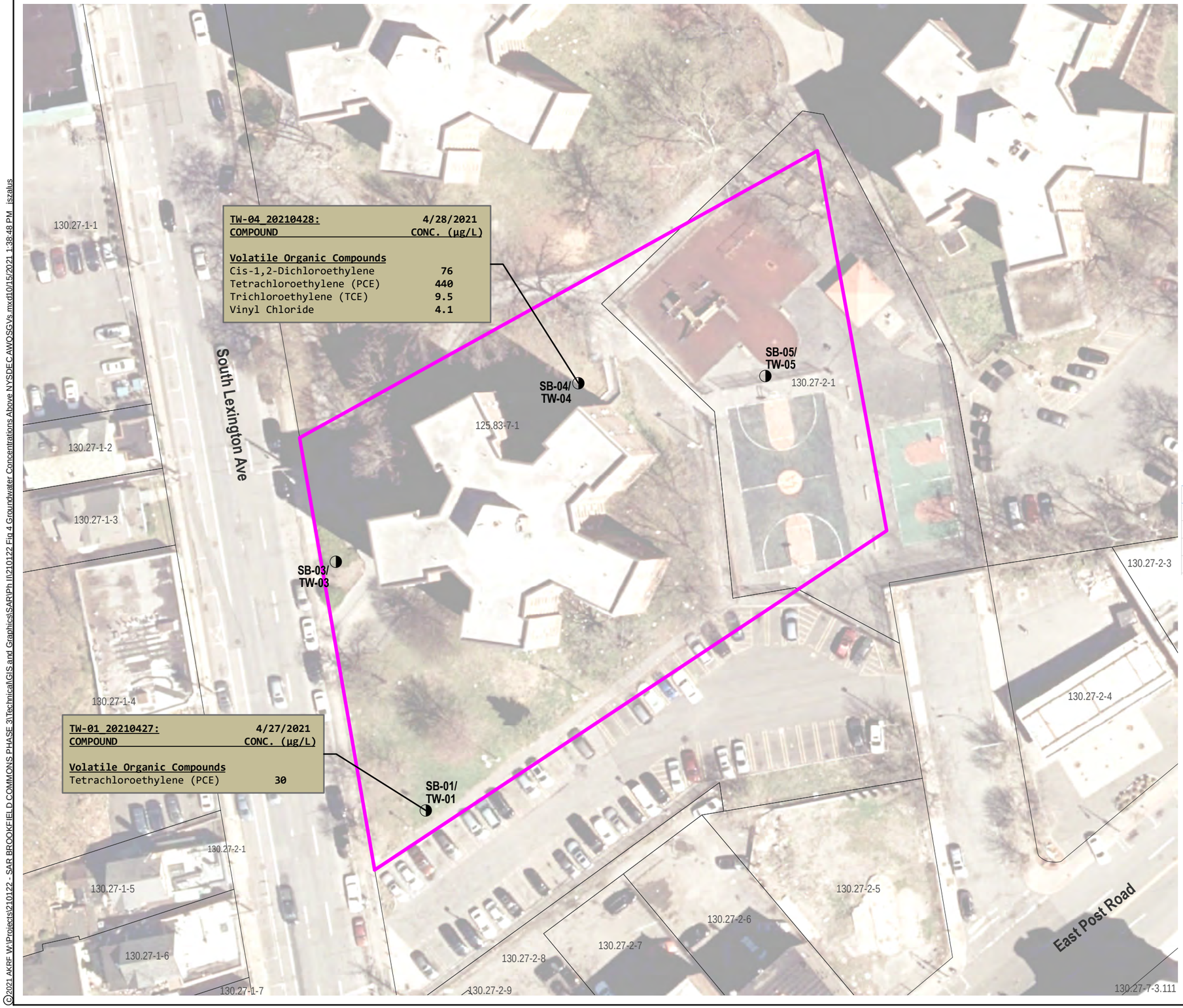
SOIL CONCENTRATIONS ABOVE UUSCOS AND RRSCOS AND PGWSCOS

DATE
10/15/2021

PROJECT NO.
210122

FIGURE
3

©2021 AKRF W:\Projects\210122 - SAR BROOKFIELD COMMONS PHASE 3\Technical\GIS and Graphics\SAR\Ph II\210122 Fig 3 Soil Concentrations above UUSCOs, RRSCOs, and PGWSCOs.mxd10/15/2021 1:30:23 PM iszalus



LEGEND

- PROJECT SITE BOUNDARY
- 130.27-2-1 LOT BOUNDARY WITH BLOCK AND LOT NUMBER
- SOIL BORING/TEMPORARY WELL

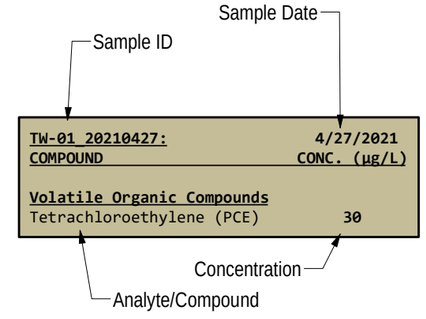
GROUNDWATER

NYSDEC TOGS Class GA Ambient Water Quality Standard and Guidance Values (AWQSGVs):
New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS) (1.1.1):

µg/L: micrograms per Liter = parts per billion (ppb)

Only Exceedances of NYSDEC AWQSGVs are shown in bold font.

	NYSDEC AWQSGVs ug/l
Volatile Organic Compounds	
Cis-1,2-Dichloroethylene	5
Tetrachloroethylene (PCE)	5
Trichloroethylene (TCE)	5
Vinyl Chloride	2



0 25 50 100
SCALE IN FEET

Map Source:
giswww.westchestergov.com (GIS database)
Aerial Source:
2018 New York Statewide Digital Orthoimagery

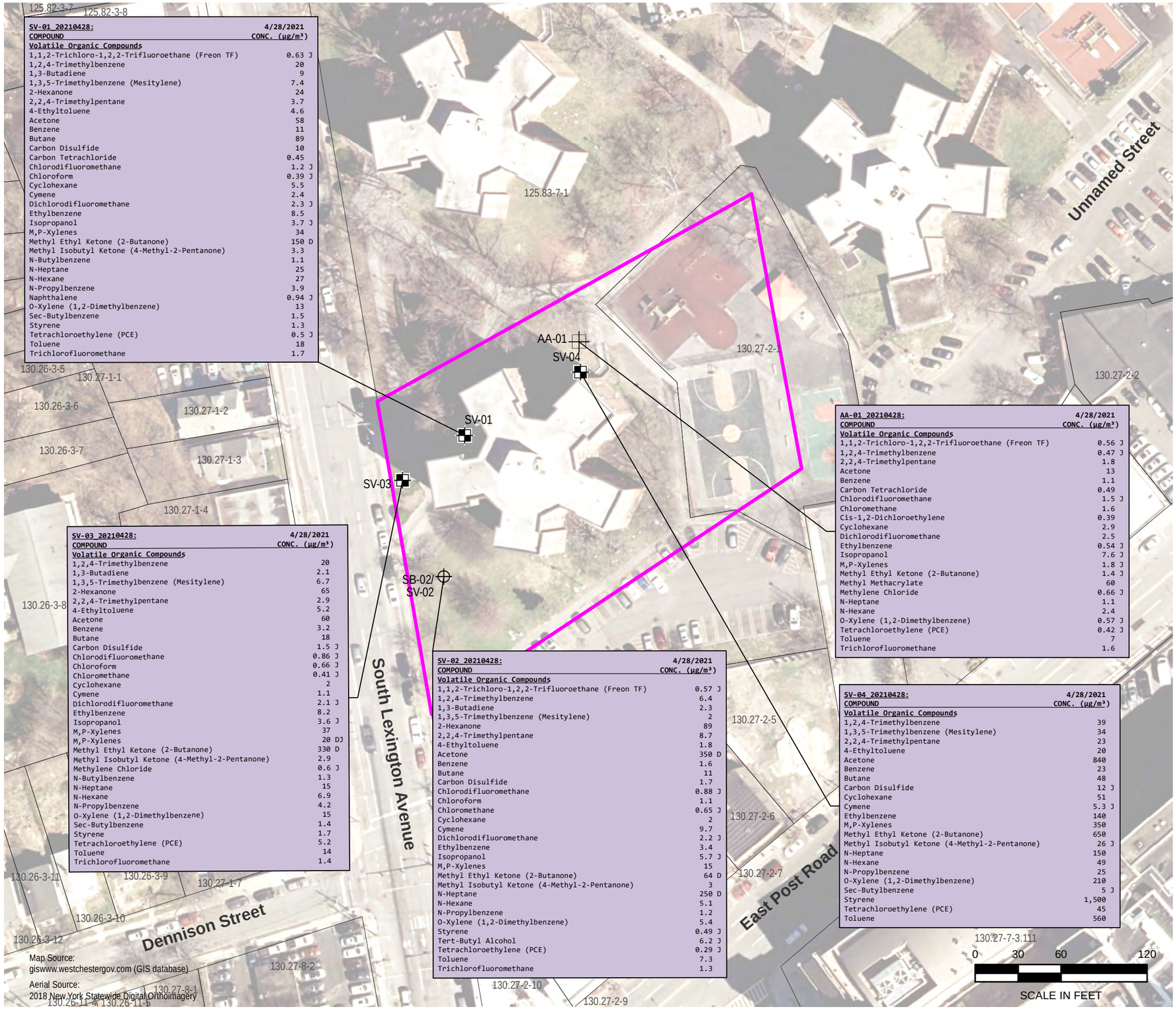
AKRF
34 South Broadway #401
White Plains, NY 10601

Brookfield Commons Phase 3
White Plains, New York

GROUNDWATER CONCENTRATIONS ABOVE NYSDEC AWQSGVS

DATE
10/15/2021
PROJECT NO.
210122
FIGURE
4

©2021 AKRF W:\Projects\210122 - SAR BROOKFIELD COMMONS PHASE 3\Technical\GIS and Graphics\SAR\Ph II\210122_Fig 4 Groundwater Concentrations Above NYSDEC AWQSGVs.mxd10/15/2021 1:38:48 PM jszalus



SV-01_20210428:	4/28/2021
COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.63 J
1,2,4-Trimethylbenzene	20
1,3-Butadiene	9
1,3,5-Trimethylbenzene (Mesitylene)	7.4
2-Hexanone	24
2,2,4-Trimethylpentane	3.7
4-Ethyltoluene	4.6
Acetone	58
Benzene	11
Butane	89
Carbon Disulfide	10
Carbon Tetrachloride	0.45
Chlorodifluoromethane	1.2 J
Chloroform	0.39 J
Cyclohexane	5.5
Cymene	2.4
Dichlorodifluoromethane	2.3 J
Ethylbenzene	8.5
Isopropanol	3.7 J
M,P-Xylenes	34
Methyl Ethyl Ketone (2-Butanone)	150 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	3.3
N-Butylbenzene	1.1
N-Heptane	25
N-Hexane	27
N-Propylbenzene	3.9
Naphthalene	0.94 J
O-Xylene (1,2-Dimethylbenzene)	13
Sec-Butylbenzene	1.5
Styrene	1.3
Tetrachloroethylene (PCE)	0.5 J
Toluene	18
Trichlorofluoromethane	1.7

SV-03_20210428:	4/28/2021
COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	20
1,3-Butadiene	2.1
1,3,5-Trimethylbenzene (Mesitylene)	6.7
2-Hexanone	65
2,2,4-Trimethylpentane	2.9
4-Ethyltoluene	5.2
Acetone	60
Benzene	3.2
Butane	18
Carbon Disulfide	1.5 J
Chlorodifluoromethane	0.86 J
Chloroform	0.66 J
Chloromethane	0.41 J
Cyclohexane	2
Cymene	1.1
Dichlorodifluoromethane	2.1 J
Ethylbenzene	8.2
Isopropanol	3.6 J
M,P-Xylenes	37
M,P-Xylenes	20 DJ
Methyl Ethyl Ketone (2-Butanone)	330 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2.9
Methylene Chloride	0.6 J
N-Butylbenzene	1.3
N-Heptane	15
N-Hexane	6.9
N-Propylbenzene	4.2
O-Xylene (1,2-Dimethylbenzene)	15
Sec-Butylbenzene	1.4
Styrene	1.7
Tetrachloroethylene (PCE)	5.2
Toluene	14
Trichlorofluoromethane	1.4

SV-02_20210428:	4/28/2021
COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.57 J
1,2,4-Trimethylbenzene	6.4
1,3-Butadiene	2.3
1,3,5-Trimethylbenzene (Mesitylene)	2
2-Hexanone	89
2,2,4-Trimethylpentane	8.7
4-Ethyltoluene	1.8
Acetone	350 D
Benzene	1.6
Butane	11
Carbon Disulfide	1.7
Chlorodifluoromethane	0.88 J
Chloroform	1.1
Chloromethane	0.65 J
Cyclohexane	2
Cymene	9.7
Dichlorodifluoromethane	2.2 J
Ethylbenzene	3.4
Isopropanol	5.7 J
M,P-Xylenes	15
Methyl Ethyl Ketone (2-Butanone)	64 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	3
N-Heptane	250 D
N-Hexane	5.1
N-Propylbenzene	1.2
O-Xylene (1,2-Dimethylbenzene)	5.4
Styrene	0.49 J
Tert-Butyl Alcohol	6.2 J
Tetrachloroethylene (PCE)	0.29 J
Toluene	7.3
Trichlorofluoromethane	1.3

AA-01_20210428:	4/28/2021
COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.56 J
1,2,4-Trimethylbenzene	0.47 J
2,2,4-Trimethylpentane	1.8
Acetone	13
Benzene	1.1
Carbon Tetrachloride	0.49
Chlorodifluoromethane	1.5 J
Chloromethane	1.6
Cis-1,2-Dichloroethylene	0.39
Cyclohexane	2.9
Dichlorodifluoromethane	2.5
Ethylbenzene	0.54 J
Isopropanol	7.6 J
M,P-Xylenes	1.8 J
Methyl Ethyl Ketone (2-Butanone)	1.4 J
Methyl Methacrylate	60
Methylene Chloride	0.66 J
N-Heptane	1.1
N-Hexane	2.4
O-Xylene (1,2-Dimethylbenzene)	0.57 J
Tetrachloroethylene (PCE)	0.42 J
Toluene	7
Trichlorofluoromethane	1.6

SV-04_20210428:	4/28/2021
COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	39
1,3,5-Trimethylbenzene (Mesitylene)	34
2,2,4-Trimethylpentane	23
4-Ethyltoluene	20
Acetone	840
Benzene	23
Butane	48
Carbon Disulfide	12 J
Cyclohexane	51
Cymene	5.3 J
Ethylbenzene	140
M,P-Xylenes	350
Methyl Ethyl Ketone (2-Butanone)	650
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	26 J
N-Heptane	150
N-Hexane	49
N-Propylbenzene	25
O-Xylene (1,2-Dimethylbenzene)	210
Sec-Butylbenzene	5 J
Styrene	1,500
Tetrachloroethylene (PCE)	45
Toluene	560

LEGEND

- PROJECT SITE BOUNDARY
- 130.27-2-1 — LOT BOUNDARY WITH BLOCK AND LOT NUMBER
- SOIL BORING/SOIL VAPOR POINT
- SOIL VAPOR POINT
- AMBIENT AIR SAMPLE LOCATION

SOIL VAPOR

J: The concentration given is an estimated value.
D: Analyte concentration obtained from dilution.

µg/m³ - micrograms per cubic meter

Concentrations detected above the laboratory reporting limit are shown.

Sample ID — Sample Date

SV-04_20210428:	4/28/2021
COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	39
1,3,5-Trimethylbenzene (Mesitylene)	34
2,2,4-Trimethylpentane	23
4-Ethyltoluene	20
Acetone	840
Benzene	23
Butane	48
Carbon Disulfide	12 J
Cyclohexane	51
Cymene	5.3 J
Ethylbenzene	140
M,P-Xylenes	350
Methyl Ethyl Ketone (2-Butanone)	650
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	26 J
N-Heptane	150
N-Hexane	49
N-Propylbenzene	25
O-Xylene (1,2-Dimethylbenzene)	210
Sec-Butylbenzene	5 J
Styrene	1,500
Tetrachloroethylene (PCE)	45
Toluene	560

Analyte/Compound — Concentration

Map Source:
giswww.westchestergov.com (GIS database)

Aerial Source:
2018 New York Statewide Digital Orthoimagery

AKRF
440 Park Avenue South, New York, NY 10016

Brookfield Commons Phase 3
White Plains, New York

SOIL VAPOR SAMPLE CONCENTRATIONS

DATE
10/18/2021

PROJECT NO.
210122

FIGURE
5

©2021 AKRF W:\Projects\210122 - SAR BROOKFIELD COMMONS PHASE 3\Technical\GIS and Graphics\SARIPh II\210122 Fig 5 Soil Vapor Sample Concentrations.mxd 10/18/2021 2:38:10 PM iszalus

NOVA GEOPHYSICAL REPORT

GEOPHYSICAL ENGINEERING SURVEY REPORT

Residential Site
159 South Lexington Avenue,
White Plains, New York 10601

NOVA PROJECT NUMBER:
21-2219

DATED:
May 3, 2021

PREPARED FOR:

AKRF

Environmental, Planning, and Engineering Consultants
34 South Broadway, Suite 401, White Plains, NY 10601
www.akrf.com

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
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Ph. 347-556-7787 Fax. 718-261-1527
www.nova-gsi.com

May 3, 2021

Colleen Griffiths
Senior Technical Director
AKRF, INC.
Environmental, Planning, and Engineering Consultants
34 South Broadway, Suite 401, White Plains, NY 10601
New York, New York 10001-2727
P: 646.388.9784 | E: jdiggins@akrf.com

Re: Geophysical Engineering Survey (GES) Report
Residential Site
159 South Lexington Avenue,
White Plains, New York 10601

Dear Ms. Griffiths,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 159 South Lexington Avenue, White Plains, New York 10601 (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks and other substructures on April 12th, 2021.

The equipment selected for this investigation was a Sensors and Software Noggin 250 MHz ground penetrating radar (GPR) with a shielded antenna and a Radio Detection RD7100 Electromagnetic utility locator.

A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where

there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

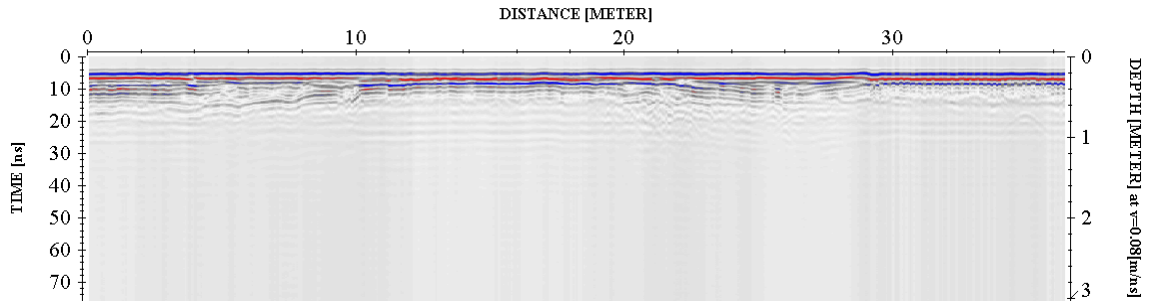
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

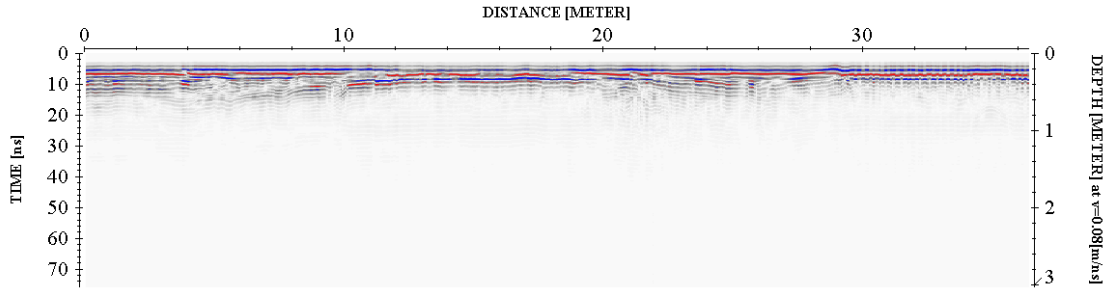
DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

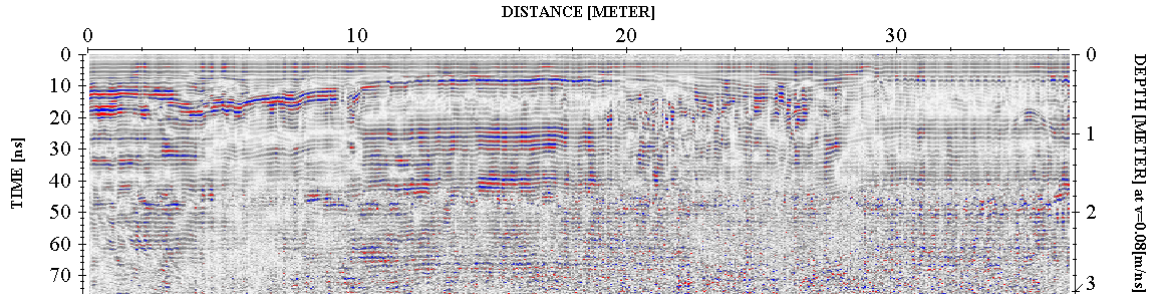
Step 1. Import Raw RAMAC data to standard processing format



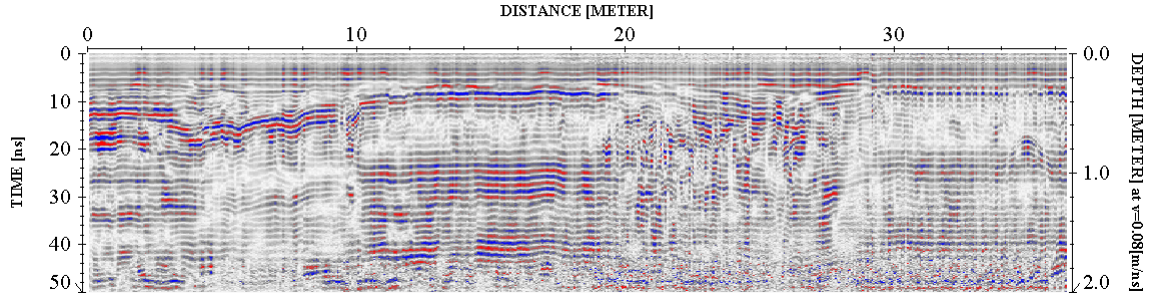
Step 2. Remove instrument noise *(dewow)*



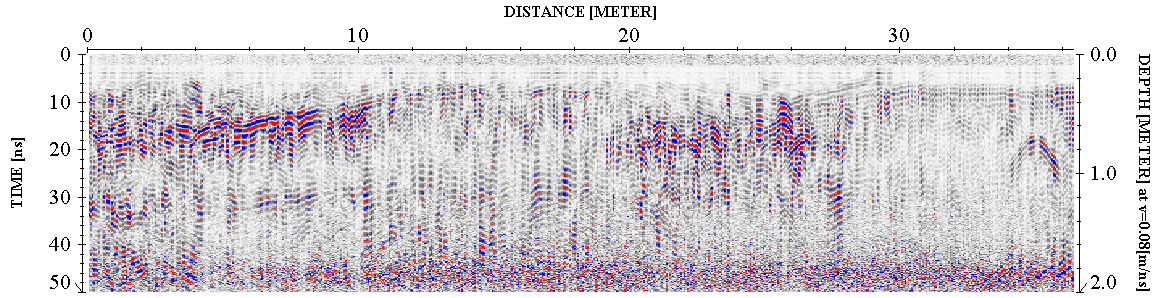
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: Overcast

Temperature: 55° F

Surface: Concrete, Asphalt, Vegetation

Survey Parameters: A GPR grid scan was conducted throughout the site, as shown in the survey plan. The approximate line spacing of the grid survey was 5' to 6'. Additional GPR lines were collected in the vicinity of proposed boring locations and in areas with features of interest. An EM utility locator was used in conjunction with the GPR throughout the surveyed areas.

Limitations: The geophysical noise level (GNL) was high at the site. The noise was a result of the site being in an urban environment and multiple layers of pavement. Portions of the site were covered with debris and immobile objects and could not be adequately surveyed at the time of the GES.

RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- Anomalies resembling potential subsurface utilities (such as sewer, water, electric, drainage, telecom, steam and gas) were identified during the GES. Additional anomalies resembling potential subsurface utilities were identified but could not be connected to known utilities. The approximate locations are shown in the survey plan.
- Two large geophysical anomalies resembling a potential underground storage tank were identified during the GES. See survey plan.
- All detected subsurface anomalies were marked in the onsite mark out.
- All cleared boring locations were marked in the onsite mark out.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services

Levent Eskicakit, P.G., E.P.

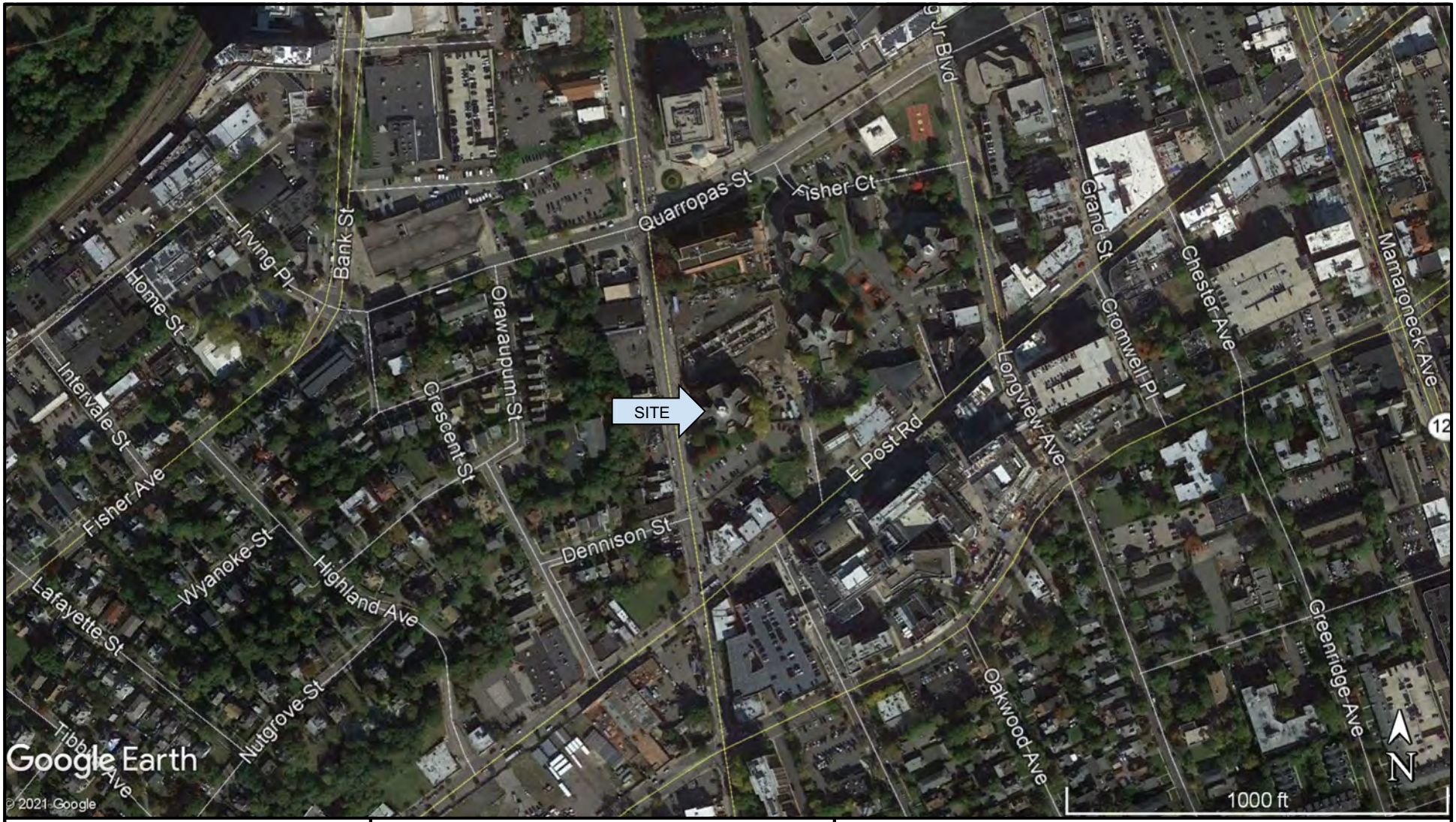
Project Engineer

Attachments:

Location Map

Survey Plan

Geophysical Images



NOVA Geophysical Services

Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

Location Map

SITE:	**Residential Site** 159 South Lexington Avenue, White Plains, New York 10601
CLIENT:	AKRF
DATE:	April 27th, 2021
AUTH:	Chris Steinley

LEGEND

NOVA Geophysical Services

Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

SURVEY PLAN

SITE:	**Residential Site** 159 South Lexington Avenue, White Plains, New York 10601
CLIENT:	AKRF
DATE:	April 27th, 2021
AUTH:	Chris Steinley

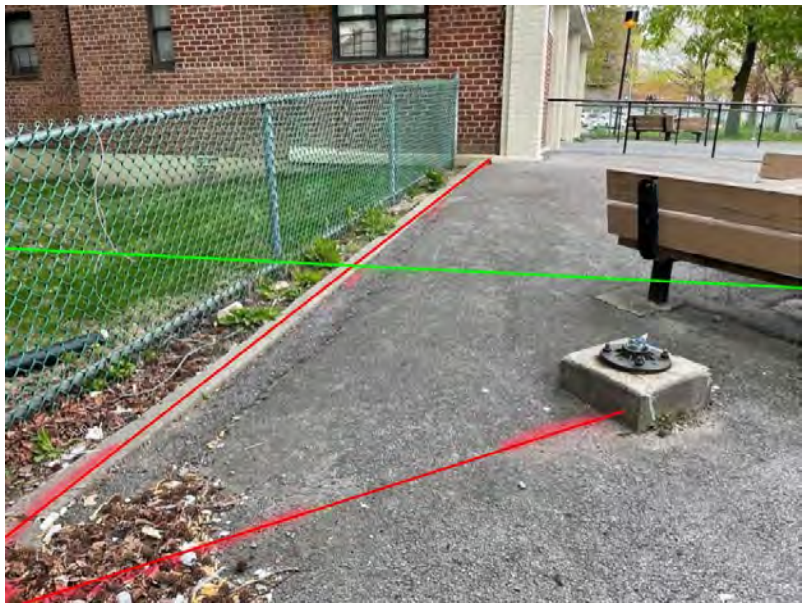
LEGEND

- Survey Area
- Unknown
- Water
- Electric
- Gas
- Sewer
- UST
- Drainage
- Steam
- Telecom

GEOPHYSICAL IMAGES

Residential Site

159 South Lexington Avenue,
White Plains, New York 10601
April 27th, 2021



GEOPHYSICAL IMAGES

Residential Site

159 South Lexington Avenue,
White Plains, New York 10601
April 27th, 2021

GEOPHYSICAL IMAGES

Residential Site

159 South Lexington Avenue,
White Plains, New York 10601
April 27th, 2021

GEOPHYSICAL IMAGES

Residential Site

159 South Lexington Avenue,
White Plains, New York 10601
April 27th, 2021

GEOPHYSICAL IMAGES

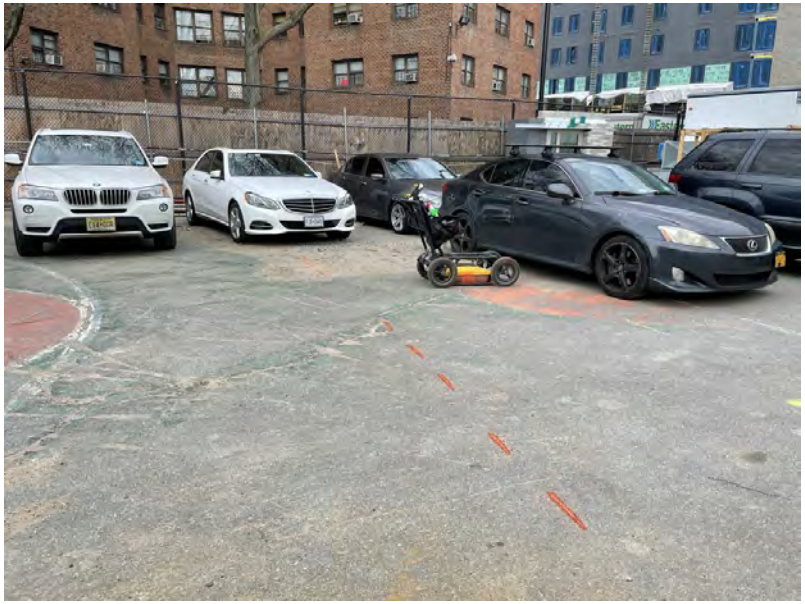
Residential Site

159 South Lexington Avenue,
White Plains, New York 10601
April 27th, 2021

GEOPHYSICAL IMAGES

Residential Site

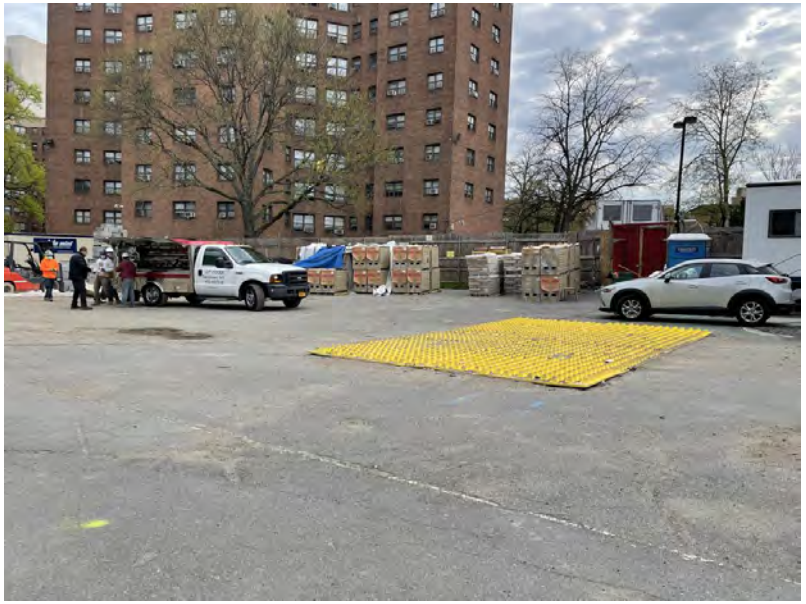
159 South Lexington Avenue,
White Plains, New York 10601
April 27th, 2021



GEOPHYSICAL IMAGES

Residential Site

159 South Lexington Avenue,
White Plains, New York 10601
April 27th, 2021



GEOPHYSICAL IMAGES

Residential Site

159 South Lexington Avenue,
White Plains, New York 10601
April 27th, 2021

GEOPHYSICAL IMAGES

Residential Site

159 South Lexington Avenue,
White Plains, New York 10601
April 27th, 2021

GEOPHYSICAL IMAGES

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159 South Lexington Avenue,
White Plains, New York 10601
April 27th, 2021

GEOPHYSICAL IMAGES

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April 27th, 2021

GEOPHYSICAL IMAGES

Residential Site

159 South Lexington Avenue,
White Plains, New York 10601
April 27th, 2021

GEOPHYSICAL IMAGES

Residential Site

159 South Lexington Avenue,
White Plains, New York 10601
April 27th, 2021

SOIL BORING LOGS

SOIL BORING LOG

Brookfield Commons - Phase III

AKRF Project Number: 210122

Soil Boring ID: **SB-01**

Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Direct Push Probe
Sampling Method:	5' Macrocore
Driller:	Eastern Environmental
Weather:	50-60°F, Clear
Logged By:	G. Baird, AKRF

Drilling

Start Time: 08:10 **Finish Time:** 08:40

Date: 04/27/2021

Depth (feet)	Recovery (Inches)	**Surface Condition:** Grass	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	32	Top 6": Brown SILT, some Organics (TOPSOIL).	ND	Dry	0.1	None	SB-01_0-2_20210427
2		Middle 6": Red SILT, some Brick, Tile, Glass, Gravel (FILL).	ND	Dry	0.1	None	
3		Middle 8": Light Brown SILT, some Brick, Gravel (FILL).	ND	Moist	0.2	None	
4		Middle 10": Brown SAND and GRAVEL (FILL).	ND	Wet	ND	None	SB-04_4-6_20210427
5		Bottom 2": Gray-Black GRAVEL and SILT (FILL).	ND	Wet	ND	None	
6	3	Gray-Black GRAVEL and SILT (FILL).	ND	Wet	ND	None	
7							
8							
9							
10							

Notes: Soil sample analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, and TAL metals by EPA Method 6000/7000 series.
Groundwater encountered at 4 feet below grade.
Refusal at 6 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

Brookfield Commons - Phase III

AKRF Project Number: 210122

Soil Boring ID: **SB-02**

Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Direct Push Probe
Sampling Method:	5' Macrocore
Driller:	Eastern Environmental
Weather:	50-60°F, Clear
Logged By:	G. Baird, AKRF

Drilling

Start Time: 08:45 **Finish Time:** 09:20

Date: 04/27/2021

Depth (feet)	Recovery (Inches)	**Surface Condition:** Grass	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	31	Top 6": Brown SILT, some Organics (TOPSOIL).	ND	Dry	ND	None	
2		Middle 5": Red SILT, some Brick, Tile, Glass, Gravel (FILL).	ND	Dry	ND	None	SB-02_0-2_20210427
3		Middle 7": Light Brown SILT, some Brick, Gravel (FILL).	ND	Dry	ND	None	
4		Middle 11": Brown SAND and GRAVEL (FILL).	ND	Dry	ND	None	SB-02_4-6_20210427
5		Bottom 2": Gray-Black GRAVEL and SILT (FILL).	ND	Dry	ND	None	
6	50	Top 15": Dark Gray-Gray SILT, some Brick, Clay (FILL).	ND	Dry	ND	None	
7		Middle 30": Gray CLAY, little Gravel.	ND	Dry	ND	None	
8		Bottom 5": Brown SILT and PEAT.	Organic	Wet	ND	None	
9							
10							
11	48	Top 9": Brown SILT and PEAT.	Organic	Wet	ND	None	
12		Middle 12": Dark Brown-Black SILT .	Organic	Wet	ND	None	
13		Middle 5": Yellow SAND and GRAVEL.	Organic	Wet	ND	None	
14		Bottom 22": Gray CLAY, PEAT, and GRAVEL.	Organic	Wet	ND	None	
15							

Notes: Soil sample analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, and TAL metals by EPA Method 6000/7000 series.

Groundwater encountered at 10 feet below grade.

End of soil boring at 15 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

Brookfield Commons - Phase III

AKRF Project Number: 210122

Soil Boring ID: **SB-03**

Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Direct Push Probe
Sampling Method:	5' Macrocore
Driller:	Eastern Environmental
Weather:	50-60°F, Clear
Logged By:	G. Baird, AKRF

Drilling

Start Time: 08:00 **Finish Time:** 08:40

Date: 04/28/2021

Depth (feet)	Recovery (Inches)	**Surface Condition:** Grass	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	22	Top 6": Brown SILT, some Organics (TOPSOIL).	ND	Dry	ND	None	
2		Middle 5": Red SILT, some Brick, Tile, Glass, Gravel (FILL).	ND	Dry	ND	None	SB-03_0-2_20210428
3		Bottom 11": Dark Gray GRAVEL and SILT (FILL).	ND	Dry	ND	None	
4							
5							
6	43	Top 30": Gray-Brown SILT.	ND	Dry	ND	None	
7		Bottom 13": Gray CLAY, little Gravel.	ND	Dry	ND	None	SB-03_7-9_20210428
8							
9							
10							
11	46	Top 6": Brown SAND	ND	Wet	ND	None	
12		Middle 10": Dark Brown SAND .	ND	Wet	ND	None	
13		Middle 5": Yellow SAND and GRAVEL.	ND	Wet	ND	None	
14		Bottom 25": Gray CLAY and SAND.	ND	Wet	ND	None	
15							

Notes: Soil sample analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, and TAL metals by EPA Method 6000/7000 series.

Groundwater encountered at 10 feet below grade.

End of soil boring at 15 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

Brookfield Commons - Phase III

AKRF Project Number: 210122

Soil Boring ID: **SB-04**

Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Direct Push Probe
Sampling Method:	5' Macrocore
Driller:	Eastern Environmental
Weather:	50-60°F, Clear
Logged By:	G. Baird, AKRF

Drilling

Start Time: 09:05 **Finish Time:** 09:25

Date: 04/28/2021

Depth (feet)	Recovery (Inches)	**Surface Condition:** Grass	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	30	Top 4": Brown SILT, some Organics (TOPSOIL).	ND	Dry	1.4	None	SB-04_0-2_20210428
2							
3		Bottom 26": Black-Red-Brown SILT, some Brick, trace Wire, Glass (FILL).	ND	Dry	1.6	None	
4							
5							
6	38	Top 10": Black-Red-Brown SILT, some Brick, trace Wire, Glass (FILL).	ND	Moist	1.1	None	
7		Middle 11": Gray CLAY, little Gravel.	ND	Wet	0.7	None	SB-04_4-6_20210428
8		Bottom 13": Brown SAND and GRAVEL.	ND	Wet	0.7	None	
9							
10							
11	52	Brown SAND and GRAVEL.	ND	Wet	0.7	None	
12							
13							
14							
15							

Notes: Soil sample analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, and TAL metals by EPA Method 6000/7000 series.

Groundwater encountered at 7 feet below grade.

End of soil boring at 15 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

Brookfield Commons - Phase III

AKRF Project Number: 210122

Soil Boring ID: **SB-05**

Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Direct Push Probe
Sampling Method:	5' Macrocore
Driller:	Eastern Environmental
Weather:	50-60°F, Clear
Logged By:	G. Baird, AKRF

Drilling

Start Time: 10:00 **Finish Time:** 10:20

Date: 04/27/2021

Depth (feet)	Recovery (Inches)	**Surface Condition:** Asphalt	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	38	Top 10": Gray-Black-Red SAND, some Gravel, Brick, Glass (FILL).	ND	Dry	0.5	ND	SB-05_0-2_20210427
2		Middle 20": Black-Red-Brown GRAVEL, some Glass (FILL).	ND	Dry	0.2	ND	
3							
4		Bottom 8": Gray SILT, little Gravel (FILL).	ND	Dry	0.2	ND	SB-05_3-5_20210427
5							
6	42	Top 7": Gray SILT, little Gravel (FILL).	ND	Moist	ND	None	
7		Bottom 35": Light Gray-Brown SAND and SILT, some Gravel.	ND	Wet	ND	None	
8							
9							
10							
11	30	Light Gray-Brown SAND and SILT, some Gravel.	ND	Wet	ND	None	
12							
13							
14							
15							

Notes: Soil sample analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, and TAL metals by EPA Method 6000/7000 series.

Groundwater encountered at 9 feet below grade.

End of soil boring at 15 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

Brookfield Commons - Phase III

AKRF Project Number: 210122

Soil Boring ID: SB-06

Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Direct Push Probe
Sampling Method:	5' Macrocore
Driller:	Eastern Environmental
Weather:	50-60°F, Clear
Logged By:	G. Baird, AKRF

Drilling

Start Time: 12:30 **Finish Time:** 13:00

Date: 04/27/2021

Depth (feet)	Recovery (Inches)	**Surface Condition:** Grass	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	55	Top 10": Brown SILT, some Organics (TOPSOIL).	ND	Dry	ND	ND	SB-06_0-2_20210427
2		Middle 18": Gray-Brown SILT, some Brick, Asphalt, Glass (FILL).	ND	Dry	ND	ND	
3		Middle 11": Brown SILT, little Brick, Gravel (FILL).					
4			ND	Dry	ND	ND	
5		Bottom 6": Dark Brown SILT, some Gravel and Organics (FILL).					
6	45	Top 20": Dark Brown SILT, some Gravel and Organics (FILL).	ND	Moist	ND	None	
7		Middle 6": Dark Gray GRAVEL and SILT.	ND	Wet	ND	None	SB-06_6-8_20210427
8		Bottom 19": Gray-Black SAND and GRAVEL.					
9							
10							
11	12	Gray-Black SAND and GRAVEL.	ND	Wet	ND	None	
12							
13							
14							
15							

Notes: Soil sample analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, and TAL metals by EPA Method 6000/7000 series.

Groundwater encountered at 9 feet below grade.

End of soil boring at 15 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected

GROUNDWATER SAMPLING LOGS

Well Sampling Log

Job No:	210122		**Client:**	Trinity New York Development, LLC	**Well No:**
Project Location:	Brookfield Commons - Phase III		**Sampled By:**	G. Baird	
Date:	4/27/2021		**Sampling Time:**	12:20	**TW-01**
PID at surface:	ND ppm				
Total Depth:	6.50 ft. below top of casing		**Water Column (WC):**	2.3 feet	*= 0.163 * WC for 2" wells
Depth to Water:	4.20 ft. below top of casing		**Well Volume*:**	0.11 gallons	*= 0.653 * WC for 4" wells
Depth to Product:	ND ft. below top of casing		**Volume Purged:**	0.5 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	1.50 ft. below top of casing		**Well Diam.:**	1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	6.50 ft. below top of casing		**Purging Device (pump type):**	Peristaltic Pump	
Approx. Pump Intake:	6.00 ft. below top of casing				

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
12:03	4.20	100ml/min	17.33	2.54	2.45	7.19	-128.0	868	
12:08	4.20	100ml/min	17.40	2.58	2.34	7.20	-130.0	854	
12:13	4.20	100ml/min	17.48	2.59	2.07	7.25	-155.0	823	TW-01_20210427
12:18	4.20	100ml/min	17.36	2.63	1.80	7.33	-140.0	804	
12:20	Sampling								
12:35	4.20	100ml/min	15.72	2.77	1.92	7.38	-122.0	Too High	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs and SVOCs.

Well Sampling Log

Job No:	210122		**Client:**	Trinity New York Development, LLC	**Well No:**
Project Location:	Brookfield Commons - Phase III		**Sampled By:**	G. Baird	
Date:	4/28/2021		**Sampling Time:**	12:29	**TW-03**
PID at surface:	ND ppm				
Total Depth:	13.11 ft. below top of casing		**Water Column (WC):**	7.71 feet	*= 0.163 * WC for 2" wells
Depth to Water:	5.40 ft. below top of casing		**Well Volume*:**	0.31 gallons	*= 0.653 * WC for 4" wells
Depth to Product:	ND ft. below top of casing		**Volume Purged:**	0.94 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	3.11 ft. below top of casing		**Well Diam.:**	1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	13.11 ft. below top of casing		**Purging Device (pump type):**	Peristaltic Pump	
Approx. Pump Intake:	11.00 ft. below top of casing				

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
12:07	5.40	100ml/min	17.89	2.08	4.90	7.64	-190.0	Too High	
12:12	5.40	100ml/min	16.43	2.18	5.22	7.55	60.0	717	
12:17	5.40	100ml/min	16.04	2.2	5.53	7.55	95.0	281	
12:22	5.40	100ml/min	16.07	2.22	5.59	7.51	106.0	192	TW-03_20210428
12:27	5.40	100ml/min	16.36	2.21	5.37	7.60	103.0	180	
12:29	Sampling								
12:36	5.40	100ml/min	14.09	2.34	10.85	7.65	87.0	302	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs and SVOCs.

Well Sampling Log

Job No:	210122		**Client:**	Trinity New York Development, LLC	**Well No:**
Project Location:	Brookfield Commons - Phase III		**Sampled By:**	G. Baird	
Date:	4/28/2021		**Sampling Time:**	11:38	**TW-04**
PID at surface:	ND ppm				
Total Depth:	13.73 ft. below top of casing		**Water Column (WC):**	8.75 feet	*= 0.163 * WC for 2" wells
Depth to Water:	4.98 ft. below top of casing		**Well Volume*:**	0.36 gallons	*= 0.653 * WC for 4" wells
Depth to Product:	ND ft. below top of casing		**Volume Purged:**	1.07 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	3.73 ft. below top of casing		**Well Diam.:**	1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	13.73 ft. below top of casing		**Purging Device (pump type):**	Peristaltic Pump	
Approx. Pump Intake:	11.00 ft. below top of casing				

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
11:10	4.98	100ml/min	16.33	1.44	4.98	7.35	-540.0	Too High	TW-04_20210428
11:16	4.98	100ml/min	16.16	1.54	1.77	7.39	-491.0	Too High	
11:21	4.98	100ml/min	15.03	1.68	1.59	7.45	-472.0	Too High	
11:26	4.98	100ml/min	14.74	1.75	1.59	7.45	-395.0	Too High	
11:31	4.98	100ml/min	14.39	1.74	1.43	7.44	-402.0	288	
11:36	4.98	100ml/min	14.35	1.72	1.37	7.50	-366.0	144	
11:38	Sampling								
11:50	4.98	100ml/min	15.64	1.59	1.50	7.62	-442.0	306	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs and SVOCs.

Well Sampling Log

Job No: 210122	**Client:** Trinity New York Development, LLC	**Well No:**	
Project Location: Brookfield Commons - Phase III	**Sampled By:** G. Baird	**TW-05**	
Date: 4/27/2021	**Sampling Time:** 11:33		
PID at surface: ND ppm			
Total Depth: 13.85 ft. below top of casing	**Water Column (WC):** 7.75 feet	*= 0.163 * WC for 2" wells	
Depth to Water: 6.10 ft. below top of casing	**Well Volume*:** 0.32 gallons	*= 0.653 * WC for 4" wells	
Depth to Product: ND ft. below top of casing	**Volume Purged:** 1 gallons	*= 1.469 * WC for 6" wells	
Depth to top of screen: 5.00 ft. below top of casing	**Well Diam.:** 1 inches	Target maximum flow rate is 100 ml/min	
Depth to bottom of screen: 13.25 ft. below top of casing	**Purging Device (pump type):** Peristaltic Pump		
Approx. Pump Intake: 11.00 ft. below top of casing			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
11:12	6.10	100ml/min	16.56	2.44	16.02	6.84	-271.0	Too High	
11:17	6.10	100ml/min	15.52	2.1	14.95	7.21	-442.0	Too High	
11:22	6.10	100ml/min	15.18	1.83	14.72	7.19	-438.0	Too High	
11:27	6.10	100ml/min	15.59	1.62	14.47	7.11	-343.0	Too High	TW-05_20210427
11:32	6.10	100ml/min	15.54	1.63	14.49	7.12	-410.0	Too High	
11:33	Sampling								
11:50	6.10	100ml/min	15.53	1.5	14.22	7.08	0.4	Too High	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs and SVOCs.

SOIL VAPOR SAMPLING LOGS

Soil Vapor Sample Log

AKRF Project No:	210122		**Point Installed By:**	Eastern Environmental	
Project Location:	Brookfield Commons - Phase III		**Installation Method:**	Hand Auger	
Client:	Trinity New York Development, LLC		**Sampled By:**	G. Baird	
Date:	4/28/2021		**Weather:**	50-60°F, Mostly Sunny	
Sample Setup					
Vapor Point Depth:	5	Feet	**Total Time of Purge:**	5 mins	
Purging Pump:	Gilair Plus (or equal)		**Purge Volume:**	1 L	
Pump Flow Rate*:	0.2	L/min	**Purged Vapor PID:**	7.3	ppm
			Helium Concentration:	ND	%
Sample Identification					
Soil Vapor Point ID:	SV-01		**SUMMA® Canister ID:**	2706	
Flow Controller ID:	3133		**Soil Vapor Sample ID:**	SV-01_20210428	

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	10:52	-30	0	
Time Halfway:	11:57	-20	0	
Time Stopped:	12:52	-8	0	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample SV-01_20210428 collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	210122		**Point Installed By:**	Eastern Environmental	
Project Location:	Brookfield Commons - Phase III		**Installation Method:**	Direct Push Probe	
Client:	Trinity New York Development, LLC		**Sampled By:**	G. Baird	
Date:	4/28/2021		**Weather:**	50-60°F, Mostly Sunny	
Sample Setup					
Vapor Point Depth:	5	Feet	**Total Time of Purge:**	5 mins	
Purging Pump:	Gilair Plus (or equal)		**Purge Volume:**	1 L	
Pump Flow Rate*:	0.2	L/min	**Purged Vapor PID:**	0.9	ppm
			Helium Concentration:	ND	%
Sample Identification					
Soil Vapor Point ID:	SV-02		**SUMMA® Canister ID:**	2971	
Flow Controller ID:	6228		**Soil Vapor Sample ID:**	SV-02_20210428	

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	10:45	-30	0	
Time Halfway:	11:53	-16	0	
Time Stopped:	12:45	-6	0	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample SV-02_20210428 collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	210122		**Point Installed By:**	Eastern Environmental	
Project Location:	Brookfield Commons - Phase III		**Installation Method:**	Direct Push Probe	
Client:	Trinity New York Development, LLC		**Sampled By:**	G. Baird	
Date:	4/28/2021		**Weather:**	50-60°F, Mostly Sunny	
Sample Setup					
Vapor Point Depth:	5	Feet	**Total Time of Purge:**	5 mins	
Purging Pump:	Gilair Plus (or equal)		**Purge Volume:**	1 L	
Pump Flow Rate*:	0.2	L/min	**Purged Vapor PID:**	0.6	ppm
			Helium Concentration:	ND	%
Sample Identification					
Soil Vapor Point ID:	SV-03		**SUMMA® Canister ID:**	5975	
Flow Controller ID:	5218		**Soil Vapor Sample ID:**	SV-03_20210428	

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	10:48	-30	0	
Time Halfway:	11:56	-19	0	
Time Stopped:	12:48	-9	0	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample SV-03_20210428 collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	210122		**Point Installed By:**	Eastern Environmental	
Project Location:	Brookfield Commons - Phase III		**Installation Method:**	Direct Push Probe	
Client:	Trinity New York Development, LLC		**Sampled By:**	G. Baird	
Date:	4/28/2021		**Weather:**	50-60°F, Mostly Sunny	
Sample Setup					
Vapor Point Depth:	5	Feet	**Total Time of Purge:**	5 mins	
Purging Pump:	Gilair Plus (or equal)		**Purge Volume:**	1 L	
Pump Flow Rate*:	0.2	L/min	**Purged Vapor PID:**	5.6	ppm
			Helium Concentration:	ND	%
Sample Identification					
Soil Vapor Point ID:	SV-04		**SUMMA® Canister ID:**	34000189	
Flow Controller ID:	6081		**Soil Vapor Sample ID:**	SV-04_20210428	

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	10:38	-28	0	
Time Halfway:	12:00	-12	0	
Time Stopped:	12:38	-5	0	

Notes:	*Purge flow rate not to exceed 0.2 L/min.
	ND = non-detect ppm = parts per million L/min = Liters per minute
	Soil vapor sample SV-04_20210428 collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Ambient Air Sample Log

AKRF Project No:	210122		**Point Installed By:**	
Project Location:	Brookfield Commons - Phase III		**Installation Method:**	
Client:	Trinity New York Development, LLC		**Sampled By:**	G. Baird
Date:	4/28/2021		**Weather:**	50-60°F, Mostly Sunny
Sample Setup				
Vapor Point Depth:		Feet	**Total Time of Purge:**	
Purging Pump:	Gilair Plus (or equal)		**Purge Volume:**	
Pump Flow Rate*:		L/min	**Purged Vapor PID:**	ppm
			Helium Concentration:	%
Sample Identification				
Soil Vapor Point ID:	AA-01		**SUMMA® Canister ID:**	2988
Flow Controller ID:	2996		**Soil Vapor Sample ID:**	AA-01_20210428

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	10:41	-30	0	
Time Halfway:				
Time Stopped:	22:56	-5	0	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample AA-01_20210428 collected in a 6-L SUMMA® canister using a 2-hour flow controller.

LABORATORY ANALYTICAL REPORT

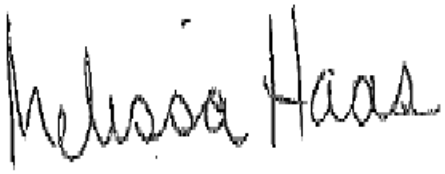
ANALYTICAL REPORT

Job Number: 460-233032-1

Job Description: Brookfield Commons - 159 South Lexington

For:
AKRF Inc
34 South Broadway
Suite 314
White Plains, NY 10601

Attention: Mr. Greg Baird



Approved for release.
Melissa Haas
Senior Project Manager
5/5/2021 9:23 AM

Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@Eurofinset.com
05/05/2021

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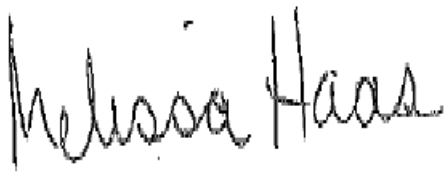
This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Job Number: 460-233032-1

Job Description: Brookfield Commons - 159 South Lexington

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Approved for release.
Melissa Haas
Senior Project Manager
5/5/2021 9:23 AM

Melissa Haas

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CASE NARRATIVE

Client: AKRF Inc

Project: Brookfield Commons - 159 South Lexington

Report Number: 460-233032-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 04/27/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.0 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples SB-01_0-2_20210427 (460-233032-1), SB-01_4-6_20210427 (460-233032-2), SB-02_0-2_20210427 (460-233032-3), SB-02_4-6_20210427 (460-233032-4), SB-05_0-2_20210427 (460-233032-5), SB-05_3-5_20210427 (460-233032-6), SB-06_0-2_20210427 (460-233032-7) and SB-06_6-8_20210427 (460-233032-8) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 04/28/2021 and analyzed on 04/29/2021 and 05/01/2021.

The continuing calibration verification (CCV) analyzed in batch 460-774667 was outside the method criteria for the following analytes: Carbon tetrachloride and 1,2,3-Trichlorobenzene (biased high) and 1,1,2,2-Tetrachloroethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-774667 recovered outside control limits for the following analytes: 1,2,4-Trichlorobenzene and 1,2-Dibromo-3-Chloropropane. These analytes were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-775117 was outside the method criteria for the following analytes: Dichlorobromomethane, sec-Butylbenzene and 1,1,2,2-Tetrachloroethane (biased high); Dichlorodifluoromethane, Vinyl chloride and Chloromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) for analytical batch 460-775117 recovered outside control limits for the following analyte: Tetrachloroethene. This analyte was biased low in the LCS and was within control limits in LCSD, the data have been flagged and reported.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples SB-01_0-2_20210427 (460-233032-1), SB-01_4-6_20210427 (460-233032-2), SB-02_0-2_20210427 (460-233032-3), SB-02_4-6_20210427 (460-233032-4), SB-05_0-2_20210427 (460-233032-5), SB-05_3-5_20210427 (460-233032-6), SB-06_0-2_20210427 (460-233032-7) and SB-06_6-8_20210427 (460-233032-8) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E. The samples were prepared on 04/29/2021 and analyzed on 04/30/2021.

The continuing calibration verification (CCV) analyzed in batch 460-774884 was outside the method criteria for the following analyte(s): Benzo[a]pyrene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

4-Bromophenyl phenyl ether and Chrysene failed the recovery criteria low for the MS of sample 460-233026-11 in batch 460-774884.

Several analytes failed the recovery criteria low for the MSD of sample 460-233026-11 in batch 460-774884.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples SB-01_0-2_20210427 (460-233032-1), SB-01_4-6_20210427 (460-233032-2), SB-02_0-2_20210427 (460-233032-3), SB-02_4-6_20210427 (460-233032-4), SB-05_0-2_20210427 (460-233032-5), SB-05_3-5_20210427 (460-233032-6), SB-06_0-2_20210427 (460-233032-7) and SB-06_6-8_20210427 (460-233032-8) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 04/28/2021 and analyzed on 04/29/2021.

Decachlorobiphenyl surrogate recovery for this sample was outside control limits but Tetrachloro-m-xylene surrogate recovery within control limits; therefore the data have been qualified and reported.(460-232979-A-1-F)

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP/MS)

Samples SB-01_0-2_20210427 (460-233032-1), SB-01_4-6_20210427 (460-233032-2), SB-02_0-2_20210427 (460-233032-3), SB-02_4-6_20210427 (460-233032-4), SB-05_0-2_20210427 (460-233032-5), SB-05_3-5_20210427 (460-233032-6), SB-06_0-2_20210427 (460-233032-7) and SB-06_6-8_20210427 (460-233032-8) were analyzed for Total Metals (ICP/MS) in accordance with EPA SW-846 Method 6020B. The samples were prepared on 05/01/2021 and analyzed on 05/02/2021.

The following samples were diluted due to the nature of the sample matrix: SB-05_0-2_20210427 (460-233032-5), SB-05_3-5_20210427 (460-233032-6) and SB-06_0-2_20210427 (460-233032-7). Elevated reporting limits (RLs) are provided.

Several analytes failed the recovery criteria low for the MS of sample SB-01_0-2_20210427MS (460-233032-1) in batch 460-775294. Aluminum, Calcium, Lead and Magnesium failed the recovery criteria high.

Manganese exceeded the RPD limit for the duplicate of sample SB-01_0-2_20210427DU (460-233032-1).

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples SB-01_0-2_20210427 (460-233032-1), SB-01_4-6_20210427 (460-233032-2), SB-02_0-2_20210427 (460-233032-3), SB-02_4-6_20210427 (460-233032-4), SB-05_0-2_20210427 (460-233032-5), SB-05_3-5_20210427 (460-233032-6), SB-06_0-2_20210427 (460-233032-7) and SB-06_6-8_20210427 (460-233032-8) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 04/30/2021.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SB-01_0-2_20210427 (460-233032-1), SB-01_4-6_20210427 (460-233032-2), SB-02_0-2_20210427 (460-233032-3), SB-02_4-6_20210427 (460-233032-4), SB-05_0-2_20210427 (460-233032-5), SB-05_3-5_20210427 (460-233032-6), SB-06_0-2_20210427 (460-233032-7) and SB-06_6-8_20210427 (460-233032-8) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 04/28/2021.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: AKRF Inc
Job ID: 460-233032-1
Project/Site: Brookfield Commons - 159 South Lexington

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-233032-1	SB-01_0-2_20210427	Solid	04/27/21 09:15	04/27/21 19:00	
460-233032-2	SB-01_4-6_20210427	Solid	04/27/21 09:25	04/27/21 19:00	
460-233032-3	SB-02_0-2_20210427	Solid	04/27/21 09:40	04/27/21 19:00	
460-233032-4	SB-02_4-6_20210427	Solid	04/27/21 09:50	04/27/21 19:00	
460-233032-5	SB-05_0-2_20210427	Solid	04/27/21 10:21	04/27/21 19:00	
460-233032-6	SB-05_3-5_20210427	Solid	04/27/21 10:30	04/27/21 19:00	
460-233032-7	SB-06_0-2_20210427	Solid	04/27/21 13:05	04/27/21 19:00	
460-233032-8	SB-06_6-8_20210427	Solid	04/27/21 13:15	04/27/21 19:00	

Detection Summary

Client: AKRF Inc
Job ID: 460-233032-1
Project/Site: Brookfield Commons - 159 South Lexington

Client Sample ID: SB-01_0-2_20210427
Lab Sample ID: 460-233032-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.012	J	0.39	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.012	J	0.39	0.0040	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.021	J	0.39	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.096		0.039	0.014	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.11		0.039	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.14		0.039	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.069	J	0.39	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.050		0.039	0.0077	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.072	J	0.39	0.021	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.046	J	0.39	0.018	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.094	J	0.39	0.0067	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.18	J	0.39	0.014	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.095		0.039	0.015	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.010	J	0.39	0.0068	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.091	J	0.39	0.0069	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.15	J	0.39	0.0098	mg/Kg	1	☼	8270E	Total/NA
Aluminum	15800		19.3	2.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.16	J	0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.3		0.97	0.097	mg/Kg	1	☼	6020B	Total/NA
Barium	130		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.54		0.39	0.055	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.46	J	0.97	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	3400		96.7	16.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	24.7		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.4		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	21.7		1.9	0.21	mg/Kg	1	☼	6020B	Total/NA
Iron	25400		58.0	19.5	mg/Kg	1	☼	6020B	Total/NA
Lead	144		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4380		96.7	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	684		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	19.0		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	1690		96.7	10.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.50	J	1.2	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.13	J	0.97	0.086	mg/Kg	1	☼	6020B	Total/NA
Sodium	116		96.7	15.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.19	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	34.0		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	165		7.7	2.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.14		0.019	0.0045	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-01_4-6_20210427
Lab Sample ID: 460-233032-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0092		0.0078	0.0074	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00047	J *	0.0013	0.00040	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.020	J	0.042	0.015	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.019	J	0.042	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.033	J	0.042	0.011	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.014	J	0.42	0.0071	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.016	J	0.42	0.015	mg/Kg	1	☼	8270E	Total/NA
Aluminum	14200		22.8	3.0	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-01_4-6_20210427 (Continued)
Lab Sample ID: 460-233032-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.9		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	58.4		2.3	0.17	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.85		0.46	0.065	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.23	J	1.1	0.13	mg/Kg	1	☼	6020B	Total/NA
Calcium	5680		114	19.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.3		2.3	0.20	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.4		2.3	0.17	mg/Kg	1	☼	6020B	Total/NA
Copper	18.9		2.3	0.25	mg/Kg	1	☼	6020B	Total/NA
Iron	22800		68.4	23.0	mg/Kg	1	☼	6020B	Total/NA
Lead	35.6		0.68	0.23	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4860		114	11.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	263		4.6	0.46	mg/Kg	1	☼	6020B	Total/NA
Nickel	20.0		2.3	0.22	mg/Kg	1	☼	6020B	Total/NA
Potassium	1200		114	12.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.34	J	1.4	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	708		114	17.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.23	J	0.46	0.047	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.9		2.3	0.23	mg/Kg	1	☼	6020B	Total/NA
Zinc	82.6		9.1	2.6	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.045		0.020	0.0048	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-02_0-2_20210427
Lab Sample ID: 460-233032-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.013	J	0.45	0.0045	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.024	J	0.45	0.014	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.092		0.045	0.016	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.090		0.045	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.13		0.045	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.064	J	0.45	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.049		0.045	0.0088	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.095	J	0.45	0.024	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.083	J	0.45	0.0076	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.17	J	0.45	0.016	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.068		0.045	0.018	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.11	J	0.45	0.0079	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.14	J	0.45	0.011	mg/Kg	1	☼	8270E	Total/NA
Aluminum	17300		24.9	3.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.18	J	1.2	0.18	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.5		1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Barium	183		2.5	0.18	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.58		0.50	0.071	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.51	J	1.2	0.14	mg/Kg	1	☼	6020B	Total/NA
Calcium	5830		124	21.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	28.3		2.5	0.22	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.8		2.5	0.18	mg/Kg	1	☼	6020B	Total/NA
Copper	317		2.5	0.27	mg/Kg	1	☼	6020B	Total/NA
Iron	23400		74.6	25.1	mg/Kg	1	☼	6020B	Total/NA
Lead	343		0.75	0.25	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6610		124	12.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	434		5.0	0.50	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-02_0-2_20210427 (Continued)
Lab Sample ID: 460-233032-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	19.5		2.5	0.24	mg/Kg	1	☼	6020B	Total/NA
Potassium	2260		124	13.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.32	J	1.6	0.15	mg/Kg	1	☼	6020B	Total/NA
Silver	0.13	J	1.2	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	144		124	19.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.23	J	0.50	0.051	mg/Kg	1	☼	6020B	Total/NA
Vanadium	46.0		2.5	0.26	mg/Kg	1	☼	6020B	Total/NA
Zinc	206		10	2.8	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.038		0.021	0.0049	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-02_4-6_20210427
Lab Sample ID: 460-233032-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0087		0.0077	0.0073	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.12		0.045	0.016	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.098		0.045	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.12		0.045	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.042	J	0.45	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.065		0.045	0.0088	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.12	J	0.45	0.0076	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.17	J	0.45	0.016	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.061		0.045	0.018	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.042	J	0.45	0.0079	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.15	J	0.45	0.011	mg/Kg	1	☼	8270E	Total/NA
Aluminum	13600		21.4	2.8	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.7		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	89.1		2.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.54		0.43	0.061	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.13	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	3870		107	18.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.8		2.1	0.19	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.8		2.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	23.6		2.1	0.24	mg/Kg	1	☼	6020B	Total/NA
Iron	19900		64.3	21.7	mg/Kg	1	☼	6020B	Total/NA
Lead	69.9		0.64	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4840		107	10.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	246		4.3	0.43	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.5		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Potassium	1970		107	12.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.24	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	159		107	16.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.15	J	0.43	0.044	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.7		2.1	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	82.1		8.6	2.5	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.051		0.021	0.0050	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-05_0-2_20210427
Lab Sample ID: 460-233032-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.012	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.013	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.027	J	0.38	0.0038	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-05_0-2_20210427 (Continued)
Lab Sample ID: 460-233032-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.030	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.17		0.038	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.20		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.32		0.038	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.16	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.12		0.038	0.0074	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.021	J	0.38	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.23	J	0.38	0.0064	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.032	J	0.038	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.013	J	0.38	0.0053	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.33	J	0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.014	J	0.38	0.0051	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.18		0.038	0.015	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.028	J	0.38	0.0065	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.16	J	0.38	0.0066	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.28	J	0.38	0.0094	mg/Kg	1	☼	8270E	Total/NA
Aroclor 1254	0.59		0.076	0.010	mg/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	0.59		0.076	0.010	mg/Kg	1	☼	8082A	Total/NA
Aluminum	6260		106	13.7	mg/Kg	5	☼	6020B	Total/NA
Arsenic	8.3		5.3	0.53	mg/Kg	5	☼	6020B	Total/NA
Barium	217		10.6	0.77	mg/Kg	5	☼	6020B	Total/NA
Cadmium	1.6	J	5.3	0.60	mg/Kg	5	☼	6020B	Total/NA
Calcium	31400		528	89.8	mg/Kg	5	☼	6020B	Total/NA
Chromium	21.4		10.6	0.92	mg/Kg	5	☼	6020B	Total/NA
Cobalt	6.4	J	10.6	0.78	mg/Kg	5	☼	6020B	Total/NA
Copper	58.1		10.6	1.2	mg/Kg	5	☼	6020B	Total/NA
Iron	18400		317	107	mg/Kg	5	☼	6020B	Total/NA
Lead	635		3.2	1.1	mg/Kg	5	☼	6020B	Total/NA
Magnesium	6000		528	53.9	mg/Kg	5	☼	6020B	Total/NA
Manganese	269		21.1	2.1	mg/Kg	5	☼	6020B	Total/NA
Nickel	18.7		10.6	1.0	mg/Kg	5	☼	6020B	Total/NA
Potassium	1330		528	59.1	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.70	J	6.6	0.62	mg/Kg	5	☼	6020B	Total/NA
Sodium	163	J	528	82.4	mg/Kg	5	☼	6020B	Total/NA
Vanadium	20.6		10.6	1.1	mg/Kg	5	☼	6020B	Total/NA
Zinc	425		42.2	12.1	mg/Kg	5	☼	6020B	Total/NA
Mercury	0.78		0.018	0.0043	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-05_3-5_20210427
Lab Sample ID: 460-233032-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.022		0.0071	0.0067	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.035	J	0.038	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.032	J	0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.055		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.022	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.020	J	0.038	0.0076	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.039	J	0.38	0.0065	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.060	J	0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.025	J	0.038	0.015	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.016	J	0.38	0.0067	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-05_3-5_20210427 (Continued)
Lab Sample ID: 460-233032-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.043	J	0.38	0.0068	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.052	J	0.38	0.0096	mg/Kg	1	☼	8270E	Total/NA
Aluminum	10300		110	14.3	mg/Kg	6	☼	6020B	Total/NA
Antimony	9.1		5.5	0.80	mg/Kg	6	☼	6020B	Total/NA
Arsenic	5.7		5.5	0.55	mg/Kg	6	☼	6020B	Total/NA
Barium	193		11.0	0.80	mg/Kg	6	☼	6020B	Total/NA
Beryllium	0.32	J	2.2	0.31	mg/Kg	6	☼	6020B	Total/NA
Cadmium	0.81	J	5.5	0.62	mg/Kg	6	☼	6020B	Total/NA
Calcium	41100		551	93.6	mg/Kg	6	☼	6020B	Total/NA
Chromium	24.2		11.0	0.96	mg/Kg	6	☼	6020B	Total/NA
Cobalt	7.6	J	11.0	0.82	mg/Kg	6	☼	6020B	Total/NA
Copper	50.9		11.0	1.2	mg/Kg	6	☼	6020B	Total/NA
Iron	18900		331	111	mg/Kg	6	☼	6020B	Total/NA
Lead	753		3.3	1.1	mg/Kg	6	☼	6020B	Total/NA
Magnesium	8170		551	56.2	mg/Kg	6	☼	6020B	Total/NA
Manganese	287		22.0	2.2	mg/Kg	6	☼	6020B	Total/NA
Nickel	19.3		11.0	1.1	mg/Kg	6	☼	6020B	Total/NA
Potassium	2950		551	61.7	mg/Kg	6	☼	6020B	Total/NA
Silver	2.3	J	5.5	0.49	mg/Kg	6	☼	6020B	Total/NA
Sodium	338	J	551	85.9	mg/Kg	6	☼	6020B	Total/NA
Vanadium	30.9		11.0	1.1	mg/Kg	6	☼	6020B	Total/NA
Zinc	201		44.1	12.6	mg/Kg	6	☼	6020B	Total/NA
Mercury	0.39		0.019	0.0046	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-06_0-2_20210427
Lab Sample ID: 460-233032-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.015	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.017	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.053	J	0.38	0.0039	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.062	J	0.38	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.24		0.038	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.28		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.40		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.19	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.15		0.038	0.0076	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.074	J	0.38	0.020	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.030	J	0.38	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.26	J	0.38	0.0065	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.039		0.038	0.017	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.014	J	0.38	0.0054	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.53		0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.018	J	0.38	0.0052	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.23		0.038	0.015	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.030	J	0.38	0.0067	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.30	J	0.38	0.0068	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.46		0.38	0.0096	mg/Kg	1	☼	8270E	Total/NA
Aroclor 1260	0.064	J	0.078	0.011	mg/Kg	1	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	0.064	J	0.078	0.011	mg/Kg	1	☼	8082A	Total/NA
Aluminum	12600		126	16.4	mg/Kg	7	☼	6020B	Total/NA
Arsenic	10		6.3	0.63	mg/Kg	7	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-06_0-2_20210427 (Continued)
Lab Sample ID: 460-233032-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	282		12.6	0.92	mg/Kg	7	☼	6020B	Total/NA
Beryllium	0.66	J	2.5	0.36	mg/Kg	7	☼	6020B	Total/NA
Cadmium	0.81	J	6.3	0.71	mg/Kg	7	☼	6020B	Total/NA
Calcium	22800		632	107	mg/Kg	7	☼	6020B	Total/NA
Chromium	22.3		12.6	1.1	mg/Kg	7	☼	6020B	Total/NA
Cobalt	9.3	J	12.6	0.94	mg/Kg	7	☼	6020B	Total/NA
Copper	47.3		12.6	1.4	mg/Kg	7	☼	6020B	Total/NA
Iron	18200		379	128	mg/Kg	7	☼	6020B	Total/NA
Lead	567		3.8	1.3	mg/Kg	7	☼	6020B	Total/NA
Magnesium	5580		632	64.5	mg/Kg	7	☼	6020B	Total/NA
Manganese	318		25.3	2.5	mg/Kg	7	☼	6020B	Total/NA
Nickel	20.5		12.6	1.2	mg/Kg	7	☼	6020B	Total/NA
Potassium	1840		632	70.8	mg/Kg	7	☼	6020B	Total/NA
Selenium	1.9	J	7.9	0.75	mg/Kg	7	☼	6020B	Total/NA
Sodium	289	J	632	98.6	mg/Kg	7	☼	6020B	Total/NA
Vanadium	35.6		12.6	1.3	mg/Kg	7	☼	6020B	Total/NA
Zinc	410		50.6	14.5	mg/Kg	7	☼	6020B	Total/NA
Mercury	0.78		0.019	0.0044	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-06_6-8_20210427
Lab Sample ID: 460-233032-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11400		16.8	2.2	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.5		0.84	0.084	mg/Kg	1	☼	6020B	Total/NA
Barium	60.0		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.42		0.34	0.048	mg/Kg	1	☼	6020B	Total/NA
Calcium	6440		83.8	14.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.8		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.2		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	20.6		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Iron	18500		50.3	16.9	mg/Kg	1	☼	6020B	Total/NA
Lead	6.6		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6600		83.8	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	302		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.4		1.7	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	3010		83.8	9.4	mg/Kg	1	☼	6020B	Total/NA
Sodium	599		83.8	13.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.19	J	0.34	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.5		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	39.1		6.7	1.9	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-233032-1
Project/Site: Brookfield Commons - 159 South Lexington

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: SB-01_0-2_20210427
Lab Sample ID: 460-233032-1

Date Collected: 04/27/21 09:15
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 84.1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00032	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00027	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00031	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00034	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.00027	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00037	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00070	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00064	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00048	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00034	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
2-Butanone (MEK)	0.0076	U	0.0076	0.00056	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
2-Hexanone	0.0076	U	0.0076	0.0026	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
4-Methyl-2-pentanone (MIBK)	0.0076	U	0.0076	0.0024	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Acetone	0.0091	U	0.0091	0.0087	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Benzene	0.0015	U	0.0015	0.00039	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Bromoform	0.0015	U	0.0015	0.00064	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Carbon disulfide	0.0015	U	0.0015	0.00040	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Carbon tetrachloride	0.0015	U	0.0015	0.00059	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Chlorobenzene	0.0015	U	0.0015	0.00027	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Chlorobromomethane	0.0015	U	0.0015	0.00043	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Chlorodibromomethane	0.0015	U	0.0015	0.00029	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Chloroethane	0.0015	U	0.0015	0.00079	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Chloromethane	0.0015	U	0.0015	0.00066	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00054	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Dichlorobromomethane	0.0015	U	0.0015	0.00039	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00051	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Ethylbenzene	0.0015	U	0.0015	0.00030	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Ethylene Dibromide	0.0015	U	0.0015	0.00027	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Isopropylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Methyl acetate	0.0076	U	0.0076	0.0065	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00077	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Methylcyclohexane	0.0015	U	0.0015	0.00076	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Methylene Chloride	0.0030	U	0.0030	0.0017	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00026	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
n-Butylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
N-Propylbenzene	0.0015	U	0.0015	0.00026	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
o-Xylene	0.0015	U	0.0015	0.00029	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
sec-Butylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Styrene	0.0015	U	0.0015	0.00042	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1

Client Sample ID: SB-01_0-2_20210427
Lab Sample ID: 460-233032-1

Date Collected: 04/27/21 09:15
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 84.1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Tetrachloroethene	0.0015	U *	0.0015	0.00046	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00037	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Trichloroethene	0.0015	U	0.0015	0.00049	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00061	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Vinyl chloride	0.0015	U	0.0015	0.00083	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1
Xylenes, Total	0.0030	U	0.0030	0.00097	mg/Kg	☼	04/28/21 14:13	05/01/21 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*77 - 145*	*04/28/21 14:13*	*05/01/21 03:37*	*1*
4-Bromofluorobenzene	*86*		*70 - 139*	*04/28/21 14:13*	*05/01/21 03:37*	*1*
Dibromofluoromethane (Surr)	*121*		*48 - 150*	*04/28/21 14:13*	*05/01/21 03:37*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*04/28/21 14:13*	*05/01/21 03:37*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.039	U	0.039	0.010	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
1,2-Dichlorobenzene	0.39	U	0.39	0.0067	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
1,3-Dichlorobenzene	0.39	U	0.39	0.0052	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
1,4-Dichlorobenzene	0.39	U	0.39	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.0071	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
2,4-Dinitrotoluene	0.080	U	0.080	0.042	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
2,6-Dinitrotoluene	0.080	U	0.080	0.028	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
2-Chloronaphthalene	0.39	U	0.39	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
2-Methylnaphthalene	0.39	U	0.39	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
2-Nitroaniline	0.39	U	0.39	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.059	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
3-Nitroaniline	0.39	U	0.39	0.044	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
4-Bromophenyl phenyl ether	0.39	U	0.39	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
4-Chloroaniline	0.39	U	0.39	0.070	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
4-Nitroaniline	0.39	U	0.39	0.045	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Acenaphthene	**0.012**	**J**	0.39	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Acenaphthylene	**0.012**	**J**	0.39	0.0040	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Anthracene	**0.021**	**J**	0.39	0.012	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Benzo[a]anthracene	**0.096**		0.039	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Benzo[a]pyrene	**0.11**		0.039	0.010	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Benzo[b]fluoranthene	**0.14**		0.039	0.010	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Benzo[g,h,i]perylene	**0.069**	**J**	0.39	0.012	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Benzo[k]fluoranthene	**0.050**		0.039	0.0077	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Bis(2-chloroethoxy)methane	0.39	U	0.39	0.031	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Bis(2-chloroethyl)ether	0.039	U	0.039	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Bis(2-ethylhexyl) phthalate	**0.072**	**J**	0.39	0.021	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Butyl benzyl phthalate	**0.046**	**J**	0.39	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Carbazole	0.39	U	0.39	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Chrysene	**0.094**	**J**	0.39	0.0067	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Dibenz(a,h)anthracene	0.039	U	0.039	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Dibenzofuran	0.39	U	0.39	0.0055	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1

Client Sample ID: SB-01_0-2_20210427
Lab Sample ID: 460-233032-1

Date Collected: 04/27/21 09:15
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 84.1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.39	U	0.39	0.0057	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Dimethyl phthalate	0.39	U	0.39	0.089	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Di-n-butyl phthalate	0.39	U	0.39	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Di-n-octyl phthalate	0.39	U	0.39	0.021	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Fluoranthene	**0.18**	**J**	0.39	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Fluorene	0.39	U	0.39	0.0053	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Hexachlorobenzene	0.039	U	0.039	0.019	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Hexachlorobutadiene	0.080	U	0.080	0.0084	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Hexachlorocyclopentadiene	0.39	U	0.39	0.035	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Hexachloroethane	0.039	U	0.039	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Indeno[1,2,3-cd]pyrene	**0.095**		0.039	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Isophorone	0.16	U	0.16	0.11	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Naphthalene	**0.010**	**J**	0.39	0.0068	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Nitrobenzene	0.039	U	0.039	0.0094	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
N-Nitrosodi-n-propylamine	0.039	U	0.039	0.029	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
N-Nitrosodiphenylamine	0.39	U	0.39	0.032	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Phenanthrene	**0.091**	**J**	0.39	0.0069	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1
Pyrene	**0.15**	**J**	0.39	0.0098	mg/Kg	☼	04/29/21 16:29	04/30/21 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*47*		*14 - 103*	*04/29/21 16:29*	*04/30/21 05:23*	*1*
Nitrobenzene-d5 (Surr)	*41*		*11 - 104*	*04/29/21 16:29*	*04/30/21 05:23*	*1*
Terphenyl-d14 (Surr)	*61*		*12 - 126*	*04/29/21 16:29*	*04/30/21 05:23*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.080	U	0.080	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 10:44	1
Aroclor 1221	0.080	U	0.080	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 10:44	1
Aroclor 1232	0.080	U	0.080	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 10:44	1
Aroclor 1242	0.080	U	0.080	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 10:44	1
Aroclor 1248	0.080	U	0.080	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 10:44	1
Aroclor 1254	0.080	U	0.080	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 10:44	1
Aroclor 1260	0.080	U	0.080	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 10:44	1
Aroclor-1262	0.080	U	0.080	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 10:44	1
Aroclor 1268	0.080	U	0.080	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 10:44	1
Polychlorinated biphenyls, Total	0.080	U	0.080	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 10:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*37 - 150*	*04/28/21 18:16*	*04/29/21 10:44*	*1*
DCB Decachlorobiphenyl	*107*		*37 - 150*	*04/28/21 18:16*	*04/29/21 10:44*	*1*
Tetrachloro-m-xylene	*94*		*54 - 150*	*04/28/21 18:16*	*04/29/21 10:44*	*1*
Tetrachloro-m-xylene	*95*		*54 - 150*	*04/28/21 18:16*	*04/29/21 10:44*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15800**		19.3	2.5	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Antimony	**0.16**	**J**	0.97	0.14	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Arsenic	**4.3**		0.97	0.097	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Barium	**130**		1.9	0.14	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Beryllium	**0.54**		0.39	0.055	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1

Client Sample ID: SB-01_0-2_20210427
Lab Sample ID: 460-233032-1
Date Collected: 04/27/21 09:15
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 84.1

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.46	J	0.97	0.11	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Calcium	3400		96.7	16.4	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Chromium	24.7		1.9	0.17	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Cobalt	9.4		1.9	0.14	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Copper	21.7		1.9	0.21	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Iron	25400		58.0	19.5	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Lead	144		0.58	0.19	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Magnesium	4380		96.7	9.9	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Manganese	684		3.9	0.39	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Nickel	19.0		1.9	0.19	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Potassium	1690		96.7	10.8	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Selenium	0.50	J	1.2	0.11	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Silver	0.13	J	0.97	0.086	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Sodium	116		96.7	15.1	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Thallium	0.19	J	0.39	0.040	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Vanadium	34.0		1.9	0.20	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1
Zinc	165		7.7	2.2	mg/Kg	☼	05/01/21 17:40	05/02/21 10:00	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.019	0.0045	mg/Kg	☼	04/30/21 03:11	04/30/21 07:18	1

Client Sample ID: SB-01_4-6_20210427
Lab Sample ID: 460-233032-2
Date Collected: 04/27/21 09:25
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 78.3

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00028	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00023	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00027	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00024	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00029	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Acetone	0.0092		0.0078	0.0074	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Benzene	0.0013	U	0.0013	0.00034	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1

Client Sample ID: SB-01_4-6_20210427
Date Collected: 04/27/21 09:25
Date Received: 04/27/21 19:00

Lab Sample ID: 460-233032-2
Matrix: Solid
Percent Solids: 78.3

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Chlorobenzene	0.0013	U	0.0013	0.00023	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Chlorobromomethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Chlorodibromomethane	0.0013	U	0.0013	0.00025	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Ethylbenzene	0.0013	U	0.0013	0.00026	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Ethylene Dibromide	0.0013	U	0.0013	0.00023	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Methyl acetate	0.0065	U	0.0065	0.0056	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00023	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
N-Propylbenzene	0.0013	U	0.0013	0.00023	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
o-Xylene	0.0013	U	0.0013	0.00025	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
tert-Butylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Tetrachloroethene	**0.00047**	**J ***	0.0013	0.00040	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1
Xylenes, Total	0.0026	U	0.0026	0.00083	mg/Kg	☼	04/28/21 14:15	05/01/21 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 145*	*04/28/21 14:15*	*05/01/21 04:01*	*1*
4-Bromofluorobenzene	*81*		*70 - 139*	*04/28/21 14:15*	*05/01/21 04:01*	*1*
Dibromofluoromethane (Surr)	*114*		*48 - 150*	*04/28/21 14:15*	*05/01/21 04:01*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*04/28/21 14:15*	*05/01/21 04:01*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.042	U	0.042	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
1,2-Dichlorobenzene	0.42	U	0.42	0.0072	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
1,3-Dichlorobenzene	0.42	U	0.42	0.0056	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
1,4-Dichlorobenzene	0.42	U	0.42	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
2,2'-oxybis[1-chloropropane]	0.42	U	0.42	0.0076	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1

Client Sample ID: SB-01_4-6_20210427
Lab Sample ID: 460-233032-2

Date Collected: 04/27/21 09:25
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 78.3

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.086	U	0.086	0.045	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
2,6-Dinitrotoluene	0.086	U	0.086	0.031	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
2-Chloronaphthalene	0.42	U	0.42	0.020	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
2-Methylnaphthalene	0.42	U	0.42	0.012	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
2-Nitroaniline	0.42	U	0.42	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
3,3'-Dichlorobenzidine	0.17	U	0.17	0.064	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
3-Nitroaniline	0.42	U	0.42	0.048	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
4-Bromophenyl phenyl ether	0.42	U	0.42	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
4-Chloroaniline	0.42	U	0.42	0.075	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
4-Chlorophenyl phenyl ether	0.42	U	0.42	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
4-Nitroaniline	0.42	U	0.42	0.049	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Acenaphthene	0.42	U	0.42	0.012	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Acenaphthylene	0.42	U	0.42	0.0042	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Anthracene	0.42	U	0.42	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Benzo[a]anthracene	**0.020**	**J**	0.042	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Benzo[a]pyrene	**0.019**	**J**	0.042	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Benzo[b]fluoranthene	**0.033**	**J**	0.042	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Benzo[g,h,i]perylene	0.42	U	0.42	0.012	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Benzo[k]fluoranthene	0.042	U	0.042	0.0083	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Bis(2-chloroethoxy)methane	0.42	U	0.42	0.033	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Bis(2-chloroethyl)ether	0.042	U	0.042	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Bis(2-ethylhexyl) phthalate	0.42	U	0.42	0.022	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Butyl benzyl phthalate	0.42	U	0.42	0.020	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Carbazole	0.42	U	0.42	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Chrysene	**0.014**	**J**	0.42	0.0071	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Dibenz(a,h)anthracene	0.042	U	0.042	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Dibenzofuran	0.42	U	0.42	0.0059	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Diethyl phthalate	0.42	U	0.42	0.0061	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Dimethyl phthalate	0.42	U	0.42	0.096	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Di-n-butyl phthalate	0.42	U	0.42	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Di-n-octyl phthalate	0.42	U	0.42	0.022	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Fluoranthene	**0.016**	**J**	0.42	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Fluorene	0.42	U	0.42	0.0057	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Hexachlorobenzene	0.042	U	0.042	0.020	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Hexachlorobutadiene	0.086	U	0.086	0.0090	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Hexachlorocyclopentadiene	0.42	U	0.42	0.037	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Hexachloroethane	0.042	U	0.042	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Indeno[1,2,3-cd]pyrene	0.042	U	0.042	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Isophorone	0.17	U	0.17	0.12	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Naphthalene	0.42	U	0.42	0.0073	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Nitrobenzene	0.042	U	0.042	0.010	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
N-Nitrosodi-n-propylamine	0.042	U	0.042	0.031	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
N-Nitrosodiphenylamine	0.42	U	0.42	0.035	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Phenanthrene	0.42	U	0.42	0.0074	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1
Pyrene	0.42	U	0.42	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*48*		*14 - 103*	*04/29/21 16:29*	*04/30/21 00:13*	*1*
Nitrobenzene-d5 (Surr)	*47*		*11 - 104*	*04/29/21 16:29*	*04/30/21 00:13*	*1*
Terphenyl-d14 (Surr)	*59*		*12 - 126*	*04/29/21 16:29*	*04/30/21 00:13*	*1*

Client Sample ID: SB-01_4-6_20210427
Lab Sample ID: 460-233032-2

Date Collected: 04/27/21 09:25
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 78.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.086	U	0.086	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 11:01	1
Aroclor 1221	0.086	U	0.086	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 11:01	1
Aroclor 1232	0.086	U	0.086	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 11:01	1
Aroclor 1242	0.086	U	0.086	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 11:01	1
Aroclor 1248	0.086	U	0.086	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 11:01	1
Aroclor 1254	0.086	U	0.086	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:01	1
Aroclor 1260	0.086	U	0.086	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:01	1
Aroclor-1262	0.086	U	0.086	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:01	1
Aroclor 1268	0.086	U	0.086	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:01	1
Polychlorinated biphenyls, Total	0.086	U	0.086	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*148*		*37 - 150*	*04/28/21 18:16*	*04/29/21 11:01*	*1*
DCB Decachlorobiphenyl	*147*		*37 - 150*	*04/28/21 18:16*	*04/29/21 11:01*	*1*
Tetrachloro-m-xylene	*133*		*54 - 150*	*04/28/21 18:16*	*04/29/21 11:01*	*1*
Tetrachloro-m-xylene	*134*		*54 - 150*	*04/28/21 18:16*	*04/29/21 11:01*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**14200**		22.8	3.0	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Antimony	1.1	U	1.1	0.17	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Arsenic	**4.9**		1.1	0.11	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Barium	**58.4**		2.3	0.17	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Beryllium	**0.85**		0.46	0.065	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Cadmium	**0.23**	**J**	1.1	0.13	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Calcium	**5680**		114	19.4	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Chromium	**20.3**		2.3	0.20	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Cobalt	**8.4**		2.3	0.17	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Copper	**18.9**		2.3	0.25	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Iron	**22800**		68.4	23.0	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Lead	**35.6**		0.68	0.23	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Magnesium	**4860**		114	11.6	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Manganese	**263**		4.6	0.46	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Nickel	**20.0**		2.3	0.22	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Potassium	**1200**		114	12.8	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Selenium	**0.34**	**J**	1.4	0.13	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Silver	1.1	U	1.1	0.10	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Sodium	**708**		114	17.8	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Thallium	**0.23**	**J**	0.46	0.047	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Vanadium	**30.9**		2.3	0.23	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1
Zinc	**82.6**		9.1	2.6	mg/Kg	☼	05/01/21 17:40	05/02/21 11:16	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.045**		0.020	0.0048	mg/Kg	☼	04/30/21 03:11	04/30/21 07:20	1

Client Sample ID: SB-02_0-2_20210427
Lab Sample ID: 460-233032-3

Date Collected: 04/27/21 09:40
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 73.7

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00034	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00031	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00026	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00030	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.00027	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00036	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00068	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00043	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00062	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00046	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00033	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
2-Butanone (MEK)	0.0073	U	0.0073	0.00054	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
2-Hexanone	0.0073	U	0.0073	0.0025	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
4-Methyl-2-pentanone (MIBK)	0.0073	U	0.0073	0.0023	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Acetone	0.0088	U	0.0088	0.0084	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Benzene	0.0015	U	0.0015	0.00038	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Bromoform	0.0015	U	0.0015	0.00062	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Bromomethane	0.0029	U	0.0029	0.0015	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Carbon disulfide	0.0015	U	0.0015	0.00039	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Carbon tetrachloride	0.0015	U	0.0015	0.00057	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Chlorobenzene	0.0015	U	0.0015	0.00026	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Chlorobromomethane	0.0015	U	0.0015	0.00041	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Chlorodibromomethane	0.0015	U	0.0015	0.00028	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Chloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Chloromethane	0.0015	U	0.0015	0.00064	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Cyclohexane	0.0015	U	0.0015	0.00032	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00050	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Ethylbenzene	0.0015	U	0.0015	0.00029	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Ethylene Dibromide	0.0015	U	0.0015	0.00026	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Methyl acetate	0.0073	U	0.0073	0.0063	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00075	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Methylcyclohexane	0.0015	U	0.0015	0.00073	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Methylene Chloride	0.0029	U	0.0029	0.0017	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00026	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
n-Butylbenzene	0.0015	U	0.0015	0.00043	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
N-Propylbenzene	0.0015	U	0.0015	0.00026	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
o-Xylene	0.0015	U	0.0015	0.00028	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
sec-Butylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1

Client Sample ID: SB-02_0-2_20210427
Lab Sample ID: 460-233032-3

Date Collected: 04/27/21 09:40
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 73.7

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0015	U	0.0015	0.00041	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Tetrachloroethene	0.0015	U *	0.0015	0.00045	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Toluene	0.0015	U	0.0015	0.00034	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Trichloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00060	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Vinyl chloride	0.0015	U	0.0015	0.00080	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1
Xylenes, Total	0.0029	U	0.0029	0.00094	mg/Kg	☼	04/28/21 14:17	05/01/21 04:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*77 - 145*	*04/28/21 14:17*	*05/01/21 04:24*	*1*
4-Bromofluorobenzene	*83*		*70 - 139*	*04/28/21 14:17*	*05/01/21 04:24*	*1*
Dibromofluoromethane (Surr)	*118*		*48 - 150*	*04/28/21 14:17*	*05/01/21 04:24*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*04/28/21 14:17*	*05/01/21 04:24*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.045	U	0.045	0.012	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
1,2-Dichlorobenzene	0.45	U	0.45	0.0077	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
1,3-Dichlorobenzene	0.45	U	0.45	0.0060	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
1,4-Dichlorobenzene	0.45	U	0.45	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
2,2'-oxybis[1-chloropropane]	0.45	U	0.45	0.0081	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
2,4-Dinitrotoluene	0.091	U	0.091	0.048	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
2,6-Dinitrotoluene	0.091	U	0.091	0.032	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
2-Chloronaphthalene	0.45	U	0.45	0.021	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
2-Methylnaphthalene	0.45	U	0.45	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
2-Nitroaniline	0.45	U	0.45	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
3,3'-Dichlorobenzidine	0.18	U	0.18	0.068	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
3-Nitroaniline	0.45	U	0.45	0.051	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
4-Bromophenyl phenyl ether	0.45	U	0.45	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
4-Chloroaniline	0.45	U	0.45	0.080	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
4-Chlorophenyl phenyl ether	0.45	U	0.45	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
4-Nitroaniline	0.45	U	0.45	0.052	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Acenaphthene	0.45	U	0.45	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Acenaphthylene	**0.013**	**J**	0.45	0.0045	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Anthracene	**0.024**	**J**	0.45	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Benzo[a]anthracene	**0.092**		0.045	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Benzo[a]pyrene	**0.090**		0.045	0.012	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Benzo[b]fluoranthene	**0.13**		0.045	0.012	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Benzo[g,h,i]perylene	**0.064**	**J**	0.45	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Benzo[k]fluoranthene	**0.049**		0.045	0.0088	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Bis(2-chloroethoxy)methane	0.45	U	0.45	0.035	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Bis(2-chloroethyl)ether	0.045	U	0.045	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Bis(2-ethylhexyl) phthalate	**0.095**	**J**	0.45	0.024	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Butyl benzyl phthalate	0.45	U	0.45	0.021	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Carbazole	0.45	U	0.45	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Chrysene	**0.083**	**J**	0.45	0.0076	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Dibenz(a,h)anthracene	0.045	U	0.045	0.019	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Dibenzofuran	0.45	U	0.45	0.0063	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1

Client Sample ID: SB-02_0-2_20210427
Lab Sample ID: 460-233032-3

Date Collected: 04/27/21 09:40
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 73.7

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.45	U	0.45	0.0065	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Dimethyl phthalate	0.45	U	0.45	0.10	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Di-n-butyl phthalate	0.45	U	0.45	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Di-n-octyl phthalate	0.45	U	0.45	0.024	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Fluoranthene	**0.17**	**J**	0.45	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Fluorene	0.45	U	0.45	0.0061	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Hexachlorobenzene	0.045	U	0.045	0.021	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Hexachlorobutadiene	0.091	U	0.091	0.0095	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Hexachlorocyclopentadiene	0.45	U	0.45	0.039	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Hexachloroethane	0.045	U	0.045	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Indeno[1,2,3-cd]pyrene	**0.068**		0.045	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Isophorone	0.18	U	0.18	0.13	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Naphthalene	0.45	U	0.45	0.0078	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Nitrobenzene	0.045	U	0.045	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
N-Nitrosodi-n-propylamine	0.045	U	0.045	0.033	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
N-Nitrosodiphenylamine	0.45	U	0.45	0.037	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Phenanthrene	**0.11**	**J**	0.45	0.0079	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1
Pyrene	**0.14**	**J**	0.45	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*46*		*14 - 103*	*04/29/21 16:29*	*04/30/21 02:31*	*1*
Nitrobenzene-d5 (Surr)	*44*		*11 - 104*	*04/29/21 16:29*	*04/30/21 02:31*	*1*
Terphenyl-d14 (Surr)	*62*		*12 - 126*	*04/29/21 16:29*	*04/30/21 02:31*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:18	1
Aroclor 1221	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:18	1
Aroclor 1232	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:18	1
Aroclor 1242	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:18	1
Aroclor 1248	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:18	1
Aroclor 1254	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:18	1
Aroclor 1260	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:18	1
Aroclor-1262	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:18	1
Aroclor 1268	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:18	1
Polychlorinated biphenyls, Total	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*37 - 150*	*04/28/21 18:16*	*04/29/21 11:18*	*1*
DCB Decachlorobiphenyl	*108*		*37 - 150*	*04/28/21 18:16*	*04/29/21 11:18*	*1*
Tetrachloro-m-xylene	*98*		*54 - 150*	*04/28/21 18:16*	*04/29/21 11:18*	*1*
Tetrachloro-m-xylene	*102*		*54 - 150*	*04/28/21 18:16*	*04/29/21 11:18*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17300**		24.9	3.2	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Antimony	**0.18**	**J**	1.2	0.18	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Arsenic	**3.5**		1.2	0.12	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Barium	**183**		2.5	0.18	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Beryllium	**0.58**		0.50	0.071	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1

Client Sample ID: SB-02_0-2_20210427
Lab Sample ID: 460-233032-3
Date Collected: 04/27/21 09:40
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 73.7

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.51	J	1.2	0.14	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Calcium	5830		124	21.1	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Chromium	28.3		2.5	0.22	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Cobalt	9.8		2.5	0.18	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Copper	317		2.5	0.27	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Iron	23400		74.6	25.1	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Lead	343		0.75	0.25	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Magnesium	6610		124	12.7	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Manganese	434		5.0	0.50	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Nickel	19.5		2.5	0.24	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Potassium	2260		124	13.9	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Selenium	0.32	J	1.6	0.15	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Silver	0.13	J	1.2	0.11	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Sodium	144		124	19.4	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Thallium	0.23	J	0.50	0.051	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Vanadium	46.0		2.5	0.26	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1
Zinc	206		10	2.8	mg/Kg	☼	05/01/21 17:40	05/02/21 11:18	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.021	0.0049	mg/Kg	☼	04/30/21 03:11	04/30/21 07:22	1

Client Sample ID: SB-02_4-6_20210427
Lab Sample ID: 460-233032-4
Date Collected: 04/27/21 09:50
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 73.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00027	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00023	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00026	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00023	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,2,4-Trichlorobenzene	0.0013	U *	0.0013	0.00046	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0013	0.00059	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00029	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Acetone	0.0087		0.0077	0.0073	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Benzene	0.0013	U	0.0013	0.00033	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1

Client Sample ID: SB-02_4-6_20210427
Lab Sample ID: 460-233032-4

Date Collected: 04/27/21 09:50
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 73.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Chlorobenzene	0.0013	U	0.0013	0.00023	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Chlorobromomethane	0.0013	U	0.0013	0.00036	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Chlorodibromomethane	0.0013	U	0.0013	0.00025	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Ethylbenzene	0.0013	U	0.0013	0.00025	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Ethylene Dibromide	0.0013	U	0.0013	0.00023	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00022	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
n-Butylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
N-Propylbenzene	0.0013	U	0.0013	0.00022	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
o-Xylene	0.0013	U	0.0013	0.00025	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
sec-Butylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
tert-Butylbenzene	0.0013	U	0.0013	0.00035	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1
Xylenes, Total	0.0026	U	0.0026	0.00082	mg/Kg	☼	04/28/21 14:18	04/29/21 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*77 - 145*	*04/28/21 14:18*	*04/29/21 16:50*	*1*
4-Bromofluorobenzene	*86*		*70 - 139*	*04/28/21 14:18*	*04/29/21 16:50*	*1*
Dibromofluoromethane (Surr)	*96*		*48 - 150*	*04/28/21 14:18*	*04/29/21 16:50*	*1*
Toluene-d8 (Surr)	*81*		*80 - 120*	*04/28/21 14:18*	*04/29/21 16:50*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.045	U	0.045	0.012	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
1,2-Dichlorobenzene	0.45	U	0.45	0.0077	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
1,3-Dichlorobenzene	0.45	U	0.45	0.0060	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
1,4-Dichlorobenzene	0.45	U	0.45	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
2,2'-oxybis[1-chloropropane]	0.45	U	0.45	0.0082	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1

Client Sample ID: SB-02_4-6_20210427
Lab Sample ID: 460-233032-4

Date Collected: 04/27/21 09:50
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 73.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.091	U	0.091	0.049	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
2,6-Dinitrotoluene	0.091	U	0.091	0.033	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
2-Chloronaphthalene	0.45	U	0.45	0.021	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
2-Methylnaphthalene	0.45	U	0.45	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
2-Nitroaniline	0.45	U	0.45	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
3,3'-Dichlorobenzidine	0.18	U	0.18	0.068	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
3-Nitroaniline	0.45	U	0.45	0.051	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
4-Bromophenyl phenyl ether	0.45	U	0.45	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
4-Chloroaniline	0.45	U	0.45	0.080	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
4-Chlorophenyl phenyl ether	0.45	U	0.45	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
4-Nitroaniline	0.45	U	0.45	0.052	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Acenaphthene	0.45	U	0.45	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Acenaphthylene	0.45	U	0.45	0.0045	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Anthracene	0.45	U	0.45	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Benzo[a]anthracene	**0.12**		0.045	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Benzo[a]pyrene	**0.098**		0.045	0.012	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Benzo[b]fluoranthene	**0.12**		0.045	0.012	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Benzo[g,h,i]perylene	**0.042**	**J**	0.45	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Benzo[k]fluoranthene	**0.065**		0.045	0.0088	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Bis(2-chloroethoxy)methane	0.45	U	0.45	0.035	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Bis(2-chloroethyl)ether	0.045	U	0.045	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Bis(2-ethylhexyl) phthalate	0.45	U	0.45	0.024	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Butyl benzyl phthalate	0.45	U	0.45	0.021	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Carbazole	0.45	U	0.45	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Chrysene	**0.12**	**J**	0.45	0.0076	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Dibenz(a,h)anthracene	0.045	U	0.045	0.020	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Dibenzofuran	0.45	U	0.45	0.0063	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Diethyl phthalate	0.45	U	0.45	0.0065	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Dimethyl phthalate	0.45	U	0.45	0.10	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Di-n-butyl phthalate	0.45	U	0.45	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Di-n-octyl phthalate	0.45	U	0.45	0.024	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Fluoranthene	**0.17**	**J**	0.45	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Fluorene	0.45	U	0.45	0.0061	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Hexachlorobenzene	0.045	U	0.045	0.021	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Hexachlorobutadiene	0.091	U	0.091	0.0096	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Hexachlorocyclopentadiene	0.45	U	0.45	0.040	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Hexachloroethane	0.045	U	0.045	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Indeno[1,2,3-cd]pyrene	**0.061**		0.045	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Isophorone	0.18	U	0.18	0.13	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Naphthalene	0.45	U	0.45	0.0078	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Nitrobenzene	0.045	U	0.045	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
N-Nitrosodi-n-propylamine	0.045	U	0.045	0.033	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
N-Nitrosodiphenylamine	0.45	U	0.45	0.037	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Phenanthrene	**0.042**	**J**	0.45	0.0079	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1
Pyrene	**0.15**	**J**	0.45	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*54*		*14 - 103*	*04/29/21 16:29*	*04/30/21 01:05*	*1*
Nitrobenzene-d5 (Surr)	*51*		*11 - 104*	*04/29/21 16:29*	*04/30/21 01:05*	*1*
Terphenyl-d14 (Surr)	*69*		*12 - 126*	*04/29/21 16:29*	*04/30/21 01:05*	*1*

Client Sample ID: SB-02_4-6_20210427
Lab Sample ID: 460-233032-4

Date Collected: 04/27/21 09:50
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 73.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:35	1
Aroclor 1221	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:35	1
Aroclor 1232	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:35	1
Aroclor 1242	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:35	1
Aroclor 1248	0.091	U	0.091	0.012	mg/Kg	☼	04/28/21 18:16	04/29/21 11:35	1
Aroclor 1254	0.091	U	0.091	0.013	mg/Kg	☼	04/28/21 18:16	04/29/21 11:35	1
Aroclor 1260	0.091	U	0.091	0.013	mg/Kg	☼	04/28/21 18:16	04/29/21 11:35	1
Aroclor-1262	0.091	U	0.091	0.013	mg/Kg	☼	04/28/21 18:16	04/29/21 11:35	1
Aroclor 1268	0.091	U	0.091	0.013	mg/Kg	☼	04/28/21 18:16	04/29/21 11:35	1
Polychlorinated biphenyls, Total	0.091	U	0.091	0.013	mg/Kg	☼	04/28/21 18:16	04/29/21 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*37 - 150*	*04/28/21 18:16*	*04/29/21 11:35*	*1*
DCB Decachlorobiphenyl	*119*		*37 - 150*	*04/28/21 18:16*	*04/29/21 11:35*	*1*
Tetrachloro-m-xylene	*111*		*54 - 150*	*04/28/21 18:16*	*04/29/21 11:35*	*1*
Tetrachloro-m-xylene	*113*		*54 - 150*	*04/28/21 18:16*	*04/29/21 11:35*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13600**		21.4	2.8	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Antimony	1.1	U	1.1	0.16	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Arsenic	**2.7**		1.1	0.11	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Barium	**89.1**		2.1	0.16	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Beryllium	**0.54**		0.43	0.061	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Cadmium	**0.13**	**J**	1.1	0.12	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Calcium	**3870**		107	18.2	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Chromium	**18.8**		2.1	0.19	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Cobalt	**7.8**		2.1	0.16	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Copper	**23.6**		2.1	0.24	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Iron	**19900**		64.3	21.7	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Lead	**69.9**		0.64	0.21	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Magnesium	**4840**		107	10.9	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Manganese	**246**		4.3	0.43	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Nickel	**14.5**		2.1	0.21	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Potassium	**1970**		107	12.0	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Selenium	**0.24**	**J**	1.3	0.13	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Silver	1.1	U	1.1	0.095	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Sodium	**159**		107	16.7	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Thallium	**0.15**	**J**	0.43	0.044	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Vanadium	**29.7**		2.1	0.22	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1
Zinc	**82.1**		8.6	2.5	mg/Kg	☼	05/01/21 17:40	05/02/21 11:21	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.051**		0.021	0.0050	mg/Kg	☼	04/30/21 03:11	04/30/21 07:24	1

Client Sample ID: SB-05_0-2_20210427
Lab Sample ID: 460-233032-5

Date Collected: 04/27/21 10:21
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 87.7

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00036	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00033	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00028	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00032	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00035	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.00028	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00056	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00038	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00071	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00056	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00046	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00066	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00049	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00035	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
2-Butanone (MEK)	0.0078	U	0.0078	0.00057	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
2-Hexanone	0.0078	U	0.0078	0.0027	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
4-Methyl-2-pentanone (MIBK)	0.0078	U	0.0078	0.0024	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Acetone	0.0093	U	0.0093	0.0089	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Benzene	0.0016	U	0.0016	0.00040	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Bromoform	0.0016	U	0.0016	0.00066	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Bromomethane	0.0031	U	0.0031	0.0016	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Carbon disulfide	0.0016	U	0.0016	0.00041	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Carbon tetrachloride	0.0016	U	0.0016	0.00060	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Chlorobenzene	0.0016	U	0.0016	0.00028	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Chlorobromomethane	0.0016	U	0.0016	0.00044	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Chlorodibromomethane	0.0016	U	0.0016	0.00030	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Chloroethane	0.0016	U	0.0016	0.00081	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Chloromethane	0.0016	U	0.0016	0.00068	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00056	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Cyclohexane	0.0016	U	0.0016	0.00034	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Dichlorobromomethane	0.0016	U	0.0016	0.00040	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00053	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Ethylbenzene	0.0016	U	0.0016	0.00031	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Ethylene Dibromide	0.0016	U	0.0016	0.00028	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Isopropylbenzene	0.0016	U	0.0016	0.00044	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Methyl acetate	0.0078	U	0.0078	0.0067	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00080	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Methylcyclohexane	0.0016	U	0.0016	0.00078	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00027	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
n-Butylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
N-Propylbenzene	0.0016	U	0.0016	0.00027	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
o-Xylene	0.0016	U	0.0016	0.00030	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
sec-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Styrene	0.0016	U	0.0016	0.00043	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1

Client Sample ID: SB-05_0-2_20210427
Lab Sample ID: 460-233032-5

Date Collected: 04/27/21 10:21
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 87.7

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0016	U	0.0016	0.00043	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Tetrachloroethene	0.0016	U *	0.0016	0.00047	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Toluene	0.0016	U	0.0016	0.00036	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00038	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00041	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Trichloroethene	0.0016	U	0.0016	0.00050	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00063	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Vinyl chloride	0.0016	U	0.0016	0.00085	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1
Xylenes, Total	0.0031	U	0.0031	0.0010	mg/Kg	☼	04/28/21 14:20	05/01/21 04:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 145*	*04/28/21 14:20*	*05/01/21 04:48*	*1*
4-Bromofluorobenzene	*83*		*70 - 139*	*04/28/21 14:20*	*05/01/21 04:48*	*1*
Dibromofluoromethane (Surr)	*118*		*48 - 150*	*04/28/21 14:20*	*05/01/21 04:48*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*04/28/21 14:20*	*05/01/21 04:48*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.038	U	0.038	0.0097	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
1,2-Dichlorobenzene	0.38	U	0.38	0.0064	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
1,3-Dichlorobenzene	0.38	U	0.38	0.0050	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
1,4-Dichlorobenzene	0.38	U	0.38	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0068	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
2,4-Dinitrotoluene	0.076	U	0.076	0.041	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
2,6-Dinitrotoluene	0.076	U	0.076	0.027	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
2-Chloronaphthalene	0.38	U	0.38	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
2-Methylnaphthalene	**0.012**	**J**	0.38	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
2-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.057	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
3-Nitroaniline	0.38	U	0.38	0.042	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
4-Chloroaniline	0.38	U	0.38	0.067	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
4-Nitroaniline	0.38	U	0.38	0.043	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Acenaphthene	**0.013**	**J**	0.38	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Acenaphthylene	**0.027**	**J**	0.38	0.0038	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Anthracene	**0.030**	**J**	0.38	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Benzo[a]anthracene	**0.17**		0.038	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Benzo[a]pyrene	**0.20**		0.038	0.010	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Benzo[b]fluoranthene	**0.32**		0.038	0.0098	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Benzo[g,h,i]perylene	**0.16**	**J**	0.38	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Benzo[k]fluoranthene	**0.12**		0.038	0.0074	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.029	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Carbazole	**0.021**	**J**	0.38	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Chrysene	**0.23**	**J**	0.38	0.0064	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Dibenz(a,h)anthracene	**0.032**	**J**	0.038	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Dibenzofuran	**0.013**	**J**	0.38	0.0053	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1

Client Sample ID: SB-05_0-2_20210427
Lab Sample ID: 460-233032-5

Date Collected: 04/27/21 10:21
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 87.7

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.38	U	0.38	0.0055	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Dimethyl phthalate	0.38	U	0.38	0.086	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Fluoranthene	**0.33**	**J**	0.38	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Fluorene	**0.014**	**J**	0.38	0.0051	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Hexachlorobutadiene	0.076	U	0.076	0.0080	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.033	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Indeno[1,2,3-cd]pyrene	**0.18**		0.038	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Naphthalene	**0.028**	**J**	0.38	0.0065	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Nitrobenzene	0.038	U	0.038	0.0091	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.027	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.031	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Phenanthrene	**0.16**	**J**	0.38	0.0066	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1
Pyrene	**0.28**	**J**	0.38	0.0094	mg/Kg	☼	04/29/21 16:29	04/30/21 04:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*47*		*14 - 103*	*04/29/21 16:29*	*04/30/21 04:32*	*1*
Nitrobenzene-d5 (Surr)	*45*		*11 - 104*	*04/29/21 16:29*	*04/30/21 04:32*	*1*
Terphenyl-d14 (Surr)	*50*		*12 - 126*	*04/29/21 16:29*	*04/30/21 04:32*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 11:52	1
Aroclor 1221	0.076	U	0.076	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 11:52	1
Aroclor 1232	0.076	U	0.076	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 11:52	1
Aroclor 1242	0.076	U	0.076	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 11:52	1
Aroclor 1248	0.076	U	0.076	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 11:52	1
Aroclor 1254	**0.59**		0.076	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 11:52	1
Aroclor 1260	0.076	U	0.076	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 11:52	1
Aroclor-1262	0.076	U	0.076	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 11:52	1
Aroclor 1268	0.076	U	0.076	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 11:52	1
Polychlorinated biphenyls, Total	**0.59**		0.076	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*37 - 150*	*04/28/21 18:16*	*04/29/21 11:52*	*1*
DCB Decachlorobiphenyl	*108*		*37 - 150*	*04/28/21 18:16*	*04/29/21 11:52*	*1*
Tetrachloro-m-xylene	*98*		*54 - 150*	*04/28/21 18:16*	*04/29/21 11:52*	*1*
Tetrachloro-m-xylene	*97*		*54 - 150*	*04/28/21 18:16*	*04/29/21 11:52*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6260**		106	13.7	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Antimony	5.3	U	5.3	0.77	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Arsenic	**8.3**		5.3	0.53	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Barium	**217**		10.6	0.77	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Beryllium	2.1	U	2.1	0.30	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5

Client Sample ID: SB-05_0-2_20210427
Lab Sample ID: 460-233032-5
Date Collected: 04/27/21 10:21
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 87.7

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	1.6	J	5.3	0.60	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Calcium	31400		528	89.8	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Chromium	21.4		10.6	0.92	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Cobalt	6.4	J	10.6	0.78	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Copper	58.1		10.6	1.2	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Iron	18400		317	107	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Lead	635		3.2	1.1	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Magnesium	6000		528	53.9	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Manganese	269		21.1	2.1	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Nickel	18.7		10.6	1.0	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Potassium	1330		528	59.1	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Selenium	0.70	J	6.6	0.62	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Silver	5.3	U	5.3	0.47	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Sodium	163	J	528	82.4	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Thallium	2.1	U	2.1	0.22	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Vanadium	20.6		10.6	1.1	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5
Zinc	425		42.2	12.1	mg/Kg	☼	05/01/21 17:40	05/02/21 11:23	5

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.78		0.018	0.0043	mg/Kg	☼	04/30/21 03:11	04/30/21 07:26	1

Client Sample ID: SB-05_3-5_20210427
Lab Sample ID: 460-233032-6
Date Collected: 04/27/21 10:30
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 85.8

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00043	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Acetone	0.022		0.0071	0.0067	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Benzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1

Client Sample ID: SB-05_3-5_20210427
Lab Sample ID: 460-233032-6

Date Collected: 04/27/21 10:30
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 85.8

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Chlorobromomethane	0.0012	U	0.0012	0.00033	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Chlorodibromomethane	0.0012	U	0.0012	0.00023	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Ethylbenzene	0.0012	U	0.0012	0.00023	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Ethylene Dibromide	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
N-Propylbenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
o-Xylene	0.0012	U	0.0012	0.00023	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Tetrachloroethene	0.0012	U *	0.0012	0.00036	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1
Xylenes, Total	0.0024	U	0.0024	0.00076	mg/Kg	☼	04/28/21 14:22	05/01/21 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*77 - 145*	*04/28/21 14:22*	*05/01/21 05:11*	*1*
4-Bromofluorobenzene	*85*		*70 - 139*	*04/28/21 14:22*	*05/01/21 05:11*	*1*
Dibromofluoromethane (Surr)	*119*		*48 - 150*	*04/28/21 14:22*	*05/01/21 05:11*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*04/28/21 14:22*	*05/01/21 05:11*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.038	U	0.038	0.0099	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
1,2-Dichlorobenzene	0.38	U	0.38	0.0066	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
1,3-Dichlorobenzene	0.38	U	0.38	0.0051	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
1,4-Dichlorobenzene	0.38	U	0.38	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0070	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1

Client Sample ID: SB-05_3-5_20210427
Lab Sample ID: 460-233032-6

Date Collected: 04/27/21 10:30
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 85.8

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.078	U	0.078	0.042	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
2,6-Dinitrotoluene	0.078	U	0.078	0.028	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
2-Chloronaphthalene	0.38	U	0.38	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
2-Methylnaphthalene	0.38	U	0.38	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
2-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.058	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
3-Nitroaniline	0.38	U	0.38	0.043	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
4-Chloroaniline	0.38	U	0.38	0.068	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
4-Nitroaniline	0.38	U	0.38	0.044	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Acenaphthene	0.38	U	0.38	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Acenaphthylene	0.38	U	0.38	0.0039	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Anthracene	0.38	U	0.38	0.012	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Benzo[a]anthracene	**0.035**	**J**	0.038	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Benzo[a]pyrene	**0.032**	**J**	0.038	0.010	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Benzo[b]fluoranthene	**0.055**		0.038	0.010	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Benzo[g,h,i]perylene	**0.022**	**J**	0.38	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Benzo[k]fluoranthene	**0.020**	**J**	0.038	0.0076	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.030	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Carbazole	0.38	U	0.38	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Chrysene	**0.039**	**J**	0.38	0.0065	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Dibenzofuran	0.38	U	0.38	0.0054	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Diethyl phthalate	0.38	U	0.38	0.0056	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Dimethyl phthalate	0.38	U	0.38	0.088	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Di-n-butyl phthalate	0.38	U	0.38	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Fluoranthene	**0.060**	**J**	0.38	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Fluorene	0.38	U	0.38	0.0052	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Hexachlorobutadiene	0.078	U	0.078	0.0082	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.034	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Indeno[1,2,3-cd]pyrene	**0.025**	**J**	0.038	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Isophorone	0.16	U	0.16	0.11	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Naphthalene	**0.016**	**J**	0.38	0.0067	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Nitrobenzene	0.038	U	0.038	0.0093	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.032	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Phenanthrene	**0.043**	**J**	0.38	0.0068	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1
Pyrene	**0.052**	**J**	0.38	0.0096	mg/Kg	☼	04/29/21 16:29	04/30/21 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*51*		*14 - 103*	*04/29/21 16:29*	*04/30/21 02:14*	*1*
Nitrobenzene-d5 (Surr)	*46*		*11 - 104*	*04/29/21 16:29*	*04/30/21 02:14*	*1*
Terphenyl-d14 (Surr)	*60*		*12 - 126*	*04/29/21 16:29*	*04/30/21 02:14*	*1*

Client Sample ID: SB-05_3-5_20210427
Lab Sample ID: 460-233032-6

Date Collected: 04/27/21 10:30
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 85.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.078	U	0.078	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:09	1
Aroclor 1221	0.078	U	0.078	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:09	1
Aroclor 1232	0.078	U	0.078	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:09	1
Aroclor 1242	0.078	U	0.078	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:09	1
Aroclor 1248	0.078	U	0.078	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:09	1
Aroclor 1254	0.078	U	0.078	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 12:09	1
Aroclor 1260	0.078	U	0.078	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 12:09	1
Aroclor-1262	0.078	U	0.078	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 12:09	1
Aroclor 1268	0.078	U	0.078	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 12:09	1
Polychlorinated biphenyls, Total	0.078	U	0.078	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*37 - 150*	*04/28/21 18:16*	*04/29/21 12:09*	*1*
DCB Decachlorobiphenyl	*100*		*37 - 150*	*04/28/21 18:16*	*04/29/21 12:09*	*1*
Tetrachloro-m-xylene	*95*		*54 - 150*	*04/28/21 18:16*	*04/29/21 12:09*	*1*
Tetrachloro-m-xylene	*97*		*54 - 150*	*04/28/21 18:16*	*04/29/21 12:09*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10300**		110	14.3	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Antimony	**9.1**		5.5	0.80	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Arsenic	**5.7**		5.5	0.55	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Barium	**193**		11.0	0.80	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Beryllium	**0.32**	**J**	2.2	0.31	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Cadmium	**0.81**	**J**	5.5	0.62	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Calcium	**41100**		551	93.6	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Chromium	**24.2**		11.0	0.96	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Cobalt	**7.6**	**J**	11.0	0.82	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Copper	**50.9**		11.0	1.2	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Iron	**18900**		331	111	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Lead	**753**		3.3	1.1	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Magnesium	**8170**		551	56.2	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Manganese	**287**		22.0	2.2	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Nickel	**19.3**		11.0	1.1	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Potassium	**2950**		551	61.7	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Selenium	6.9	U	6.9	0.65	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Silver	**2.3**	**J**	5.5	0.49	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Sodium	**338**	**J**	551	85.9	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Thallium	2.2	U	2.2	0.23	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Vanadium	**30.9**		11.0	1.1	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6
Zinc	**201**		44.1	12.6	mg/Kg	☼	05/01/21 17:40	05/02/21 11:25	6

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.39**		0.019	0.0046	mg/Kg	☼	04/30/21 03:11	04/30/21 07:28	1

Client Sample ID: SB-06_0-2_20210427
Lab Sample ID: 460-233032-7

Date Collected: 04/27/21 13:05
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 85.8

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Benzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Chlorobromomethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Chlorodibromomethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Ethylbenzene	0.0012	U	0.0012	0.00024	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Ethylene Dibromide	0.0012	U	0.0012	0.00022	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
N-Propylbenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
o-Xylene	0.0012	U	0.0012	0.00024	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1

Client Sample ID: SB-06_0-2_20210427
Lab Sample ID: 460-233032-7

Date Collected: 04/27/21 13:05
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 85.8

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Tetrachloroethene	0.0012	U *	0.0012	0.00037	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1
Xylenes, Total	0.0024	U	0.0024	0.00078	mg/Kg	☼	04/28/21 14:23	05/01/21 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*77 - 145*	*04/28/21 14:23*	*05/01/21 05:35*	*1*
4-Bromofluorobenzene	*81*		*70 - 139*	*04/28/21 14:23*	*05/01/21 05:35*	*1*
Dibromofluoromethane (Surr)	*118*		*48 - 150*	*04/28/21 14:23*	*05/01/21 05:35*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*04/28/21 14:23*	*05/01/21 05:35*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.038	U	0.038	0.0099	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
1,2-Dichlorobenzene	0.38	U	0.38	0.0066	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
1,3-Dichlorobenzene	0.38	U	0.38	0.0051	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
1,4-Dichlorobenzene	0.38	U	0.38	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0070	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
2,4-Dinitrotoluene	0.078	U	0.078	0.041	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
2,6-Dinitrotoluene	0.078	U	0.078	0.028	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
2-Chloronaphthalene	0.38	U	0.38	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
2-Methylnaphthalene	**0.015**	**J**	0.38	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
2-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.058	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
3-Nitroaniline	0.38	U	0.38	0.043	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
4-Chloroaniline	0.38	U	0.38	0.068	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
4-Nitroaniline	0.38	U	0.38	0.044	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Acenaphthene	**0.017**	**J**	0.38	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Acenaphthylene	**0.053**	**J**	0.38	0.0039	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Anthracene	**0.062**	**J**	0.38	0.012	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Benzo[a]anthracene	**0.24**		0.038	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Benzo[a]pyrene	**0.28**		0.038	0.010	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Benzo[b]fluoranthene	**0.40**		0.038	0.010	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Benzo[g,h,i]perylene	**0.19**	**J**	0.38	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Benzo[k]fluoranthene	**0.15**		0.038	0.0076	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.030	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Bis(2-ethylhexyl) phthalate	**0.074**	**J**	0.38	0.020	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Carbazole	**0.030**	**J**	0.38	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Chrysene	**0.26**	**J**	0.38	0.0065	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Dibenz(a,h)anthracene	**0.039**		0.038	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Dibenzofuran	**0.014**	**J**	0.38	0.0054	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1

Client Sample ID: SB-06_0-2_20210427
Lab Sample ID: 460-233032-7

Date Collected: 04/27/21 13:05
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 85.8

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.38	U	0.38	0.0056	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Dimethyl phthalate	0.38	U	0.38	0.088	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Di-n-butyl phthalate	0.38	U	0.38	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Fluoranthene	**0.53**		0.38	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Fluorene	**0.018**	**J**	0.38	0.0052	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Hexachlorobutadiene	0.078	U	0.078	0.0082	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.034	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Indeno[1,2,3-cd]pyrene	**0.23**		0.038	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Naphthalene	**0.030**	**J**	0.38	0.0067	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Nitrobenzene	0.038	U	0.038	0.0093	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.032	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Phenanthrene	**0.30**	**J**	0.38	0.0068	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1
Pyrene	**0.46**		0.38	0.0096	mg/Kg	☼	04/29/21 16:29	04/30/21 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*50*		*14 - 103*	*04/29/21 16:29*	*04/30/21 03:40*	*1*
Nitrobenzene-d5 (Surr)	*48*		*11 - 104*	*04/29/21 16:29*	*04/30/21 03:40*	*1*
Terphenyl-d14 (Surr)	*57*		*12 - 126*	*04/29/21 16:29*	*04/30/21 03:40*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.078	U	0.078	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:26	1
Aroclor 1221	0.078	U	0.078	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:26	1
Aroclor 1232	0.078	U	0.078	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:26	1
Aroclor 1242	0.078	U	0.078	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:26	1
Aroclor 1248	0.078	U	0.078	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:26	1
Aroclor 1254	0.078	U	0.078	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 12:26	1
Aroclor 1260	**0.064**	**J**	0.078	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 12:26	1
Aroclor-1262	0.078	U	0.078	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 12:26	1
Aroclor 1268	0.078	U	0.078	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 12:26	1
Polychlorinated biphenyls, Total	**0.064**	**J**	0.078	0.011	mg/Kg	☼	04/28/21 18:16	04/29/21 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*37 - 150*	*04/28/21 18:16*	*04/29/21 12:26*	*1*
DCB Decachlorobiphenyl	*104*		*37 - 150*	*04/28/21 18:16*	*04/29/21 12:26*	*1*
Tetrachloro-m-xylene	*92*		*54 - 150*	*04/28/21 18:16*	*04/29/21 12:26*	*1*
Tetrachloro-m-xylene	*94*		*54 - 150*	*04/28/21 18:16*	*04/29/21 12:26*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12600**		126	16.4	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Antimony	6.3	U	6.3	0.92	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Arsenic	**10**		6.3	0.63	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Barium	**282**		12.6	0.92	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Beryllium	**0.66**	**J**	2.5	0.36	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7

Client Sample ID: SB-06_0-2_20210427
Lab Sample ID: 460-233032-7

Date Collected: 04/27/21 13:05
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 85.8

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.81**	**J**	6.3	0.71	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Calcium	**22800**		632	107	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Chromium	**22.3**		12.6	1.1	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Cobalt	**9.3**	**J**	12.6	0.94	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Copper	**47.3**		12.6	1.4	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Iron	**18200**		379	128	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Lead	**567**		3.8	1.3	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Magnesium	**5580**		632	64.5	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Manganese	**318**		25.3	2.5	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Nickel	**20.5**		12.6	1.2	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Potassium	**1840**		632	70.8	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Selenium	**1.9**	**J**	7.9	0.75	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Silver	6.3	U	6.3	0.56	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Sodium	**289**	**J**	632	98.6	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Thallium	2.5	U	2.5	0.26	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Vanadium	**35.6**		12.6	1.3	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7
Zinc	**410**		50.6	14.5	mg/Kg	☼	05/01/21 17:40	05/02/21 11:27	7

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.78**		0.019	0.0044	mg/Kg	☼	04/30/21 03:11	04/30/21 07:30	1

Client Sample ID: SB-06_6-8_20210427
Lab Sample ID: 460-233032-8

Date Collected: 04/27/21 13:15
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 89.0

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00021	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00017	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00020	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00018	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00022	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Acetone	0.0058	U	0.0058	0.0055	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Benzene	0.00097	U	0.00097	0.00025	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1

Client Sample ID: SB-06_6-8_20210427
Lab Sample ID: 460-233032-8

Date Collected: 04/27/21 13:15
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 89.0

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Carbon tetrachloride	0.00097	U	0.00097	0.00038	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Chlorobenzene	0.00097	U	0.00097	0.00017	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Chlorobromomethane	0.00097	U	0.00097	0.00027	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Chlorodibromomethane	0.00097	U	0.00097	0.00019	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Chloroform	0.00097	U	0.00097	0.00094	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Cyclohexane	0.00097	U	0.00097	0.00021	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Ethylbenzene	0.00097	U	0.00097	0.00019	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Ethylene Dibromide	0.00097	U	0.00097	0.00017	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Methylcyclohexane	0.00097	U	0.00097	0.00048	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00017	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
n-Butylbenzene	0.00097	U	0.00097	0.00029	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
N-Propylbenzene	0.00097	U	0.00097	0.00017	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
o-Xylene	0.00097	U	0.00097	0.00019	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Tetrachloroethene	0.00097	U *	0.00097	0.00030	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00039	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1
Xylenes, Total	0.0019	U	0.0019	0.00062	mg/Kg	☼	04/28/21 14:25	05/01/21 05:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*77 - 145*	*04/28/21 14:25*	*05/01/21 05:58*	*1*
4-Bromofluorobenzene	*84*		*70 - 139*	*04/28/21 14:25*	*05/01/21 05:58*	*1*
Dibromofluoromethane (Surr)	*119*		*48 - 150*	*04/28/21 14:25*	*05/01/21 05:58*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*04/28/21 14:25*	*05/01/21 05:58*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.037	U	0.037	0.0096	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
1,2-Dichlorobenzene	0.37	U	0.37	0.0063	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
1,3-Dichlorobenzene	0.37	U	0.37	0.0049	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
1,4-Dichlorobenzene	0.37	U	0.37	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0067	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1

Client Sample ID: SB-06_6-8_20210427
Lab Sample ID: 460-233032-8

Date Collected: 04/27/21 13:15
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 89.0

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
2-Chloronaphthalene	0.37	U	0.37	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
2-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
3-Nitroaniline	0.37	U	0.37	0.042	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
4-Nitroaniline	0.37	U	0.37	0.043	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Acenaphthylene	0.37	U	0.37	0.0037	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Benzo[a]anthracene	0.037	U	0.037	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Benzo[a]pyrene	0.037	U	0.037	0.0099	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0096	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0073	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.029	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Chrysene	0.37	U	0.37	0.0063	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Dibenzofuran	0.37	U	0.37	0.0052	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Diethyl phthalate	0.37	U	0.37	0.0054	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Fluorene	0.37	U	0.37	0.0050	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.015	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Nitrobenzene	0.037	U	0.037	0.0089	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Phenanthrene	0.37	U	0.37	0.0065	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1
Pyrene	0.37	U	0.37	0.0092	mg/Kg	☼	04/29/21 16:29	04/30/21 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*14 - 103*	*04/29/21 16:29*	*04/30/21 00:30*	*1*
Nitrobenzene-d5 (Surr)	*58*		*11 - 104*	*04/29/21 16:29*	*04/30/21 00:30*	*1*
Terphenyl-d14 (Surr)	*72*		*12 - 126*	*04/29/21 16:29*	*04/30/21 00:30*	*1*

Client Sample ID: SB-06_6-8_20210427
Lab Sample ID: 460-233032-8

Date Collected: 04/27/21 13:15
Matrix: Solid

Date Received: 04/27/21 19:00
Percent Solids: 89.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:43	1
Aroclor 1221	0.075	U	0.075	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:43	1
Aroclor 1232	0.075	U	0.075	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:43	1
Aroclor 1242	0.075	U	0.075	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:43	1
Aroclor 1248	0.075	U	0.075	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:43	1
Aroclor 1254	0.075	U	0.075	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:43	1
Aroclor 1260	0.075	U	0.075	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:43	1
Aroclor-1262	0.075	U	0.075	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:43	1
Aroclor 1268	0.075	U	0.075	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:43	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.010	mg/Kg	☼	04/28/21 18:16	04/29/21 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*37 - 150*	*04/28/21 18:16*	*04/29/21 12:43*	*1*
DCB Decachlorobiphenyl	*122*		*37 - 150*	*04/28/21 18:16*	*04/29/21 12:43*	*1*
Tetrachloro-m-xylene	*110*		*54 - 150*	*04/28/21 18:16*	*04/29/21 12:43*	*1*
Tetrachloro-m-xylene	*113*		*54 - 150*	*04/28/21 18:16*	*04/29/21 12:43*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11400**		16.8	2.2	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Antimony	0.84	U	0.84	0.12	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Arsenic	**1.5**		0.84	0.084	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Barium	**60.0**		1.7	0.12	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Beryllium	**0.42**		0.34	0.048	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Cadmium	0.84	U	0.84	0.095	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Calcium	**6440**		83.8	14.3	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Chromium	**20.8**		1.7	0.15	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Cobalt	**8.2**		1.7	0.12	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Copper	**20.6**		1.7	0.18	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Iron	**18500**		50.3	16.9	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Lead	**6.6**		0.50	0.17	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Magnesium	**6600**		83.8	8.6	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Manganese	**302**		3.4	0.34	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Nickel	**16.4**		1.7	0.16	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Potassium	**3010**		83.8	9.4	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Selenium	1.0	U	1.0	0.099	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Silver	0.84	U	0.84	0.075	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Sodium	**599**		83.8	13.1	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Thallium	**0.19**	**J**	0.34	0.034	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Vanadium	**28.5**		1.7	0.17	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1
Zinc	**39.1**		6.7	1.9	mg/Kg	☼	05/01/21 17:40	05/02/21 12:08	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	U	0.018	0.0042	mg/Kg	☼	04/30/21 03:11	04/30/21 07:32	1

Surrogate Summary

Client: AKRF Inc
Job ID: 460-233032-1
Project/Site: Brookfield Commons - 159 South Lexington

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-145)	(70-139)	(48-150)	(80-120)
460-233032-1	SB-01_0-2_20210427	120	86	121	106
460-233032-2	SB-01_4-6_20210427	111	81	114	103
460-233032-3	SB-02_0-2_20210427	113	83	118	105
460-233032-4	SB-02_4-6_20210427	80	86	96	81
460-233032-5	SB-05_0-2_20210427	112	83	118	105
460-233032-6	SB-05_3-5_20210427	116	85	119	106
460-233032-7	SB-06_0-2_20210427	115	81	118	103
460-233032-8	SB-06_6-8_20210427	117	84	119	105
LB3 460-774534/1-A	Method Blank	109	81	114	105
LCS 460-774667/4	Lab Control Sample	97	96	105	91
LCS 460-775117/4	Lab Control Sample	119	84	116	105
LCSD 460-774667/5	Lab Control Sample Dup	85	89	94	82
LCSD 460-775117/5	Lab Control Sample Dup	114	81	116	103
MB 460-774667/8	Method Blank	92	88	103	80
MB 460-775117/8	Method Blank	120	86	118	105

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(14-103)	(11-104)	(12-126)
460-233032-1	SB-01_0-2_20210427	47	41	61
460-233032-2	SB-01_4-6_20210427	48	47	59
460-233032-3	SB-02_0-2_20210427	46	44	62
460-233032-4	SB-02_4-6_20210427	54	51	69
460-233032-5	SB-05_0-2_20210427	47	45	50
460-233032-6	SB-05_3-5_20210427	51	46	60
460-233032-7	SB-06_0-2_20210427	50	48	57
460-233032-8	SB-06_6-8_20210427	59	58	72
LCS 460-774834/2-A	Lab Control Sample	83	79	98
LCSD 460-774834/3-A	Lab Control Sample Dup	83	84	97
MB 460-774834/1-A	Method Blank	93	92	104

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

Client: AKRF Inc
Job ID: 460-233032-1
Project/Site: Brookfield Commons - 159 South Lexington

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(37-150)	(37-150)	(54-150)	(54-150)
460-233032-1	SB-01_0-2_20210427	107	101	95	94
460-233032-2	SB-01_4-6_20210427	147	148	134	133
460-233032-3	SB-02_0-2_20210427	108	110	102	98
460-233032-4	SB-02_4-6_20210427	119	120	113	111
460-233032-5	SB-05_0-2_20210427	108	112	97	98
460-233032-6	SB-05_3-5_20210427	100	99	97	95
460-233032-7	SB-06_0-2_20210427	104	98	94	92
460-233032-8	SB-06_6-8_20210427	122	115	113	110
LCS 460-774606/2-A	Lab Control Sample	101	92	92	87
LCSD 460-774606/3-A	Lab Control Sample Dup	100	94	90	89
MB 460-774606/1-A	Method Blank	108	102	98	98

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-774534/1-A
Matrix: Solid
Analysis Batch: 775117

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774534

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
N-Propylbenzene	0.0010	U	0.0010	0.00018	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		04/28/21 14:12	05/01/21 01:16	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-774534/1-A
Matrix: Solid
Analysis Batch: 775117

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774534

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		04/28/21 14:12	05/01/21 01:16	1
Xylenes, Total	0.0020	U	0.0020	0.00064	mg/Kg		04/28/21 14:12	05/01/21 01:16	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 145*	*04/28/21 14:12*	*05/01/21 01:16*	*1*
4-Bromofluorobenzene	*81*		*70 - 139*	*04/28/21 14:12*	*05/01/21 01:16*	*1*
Dibromofluoromethane (Surr)	*114*		*48 - 150*	*04/28/21 14:12*	*05/01/21 01:16*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*04/28/21 14:12*	*05/01/21 01:16*	*1*

Lab Sample ID: MB 460-774667/8
Matrix: Solid
Analysis Batch: 774667

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			04/29/21 08:47	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			04/29/21 08:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			04/29/21 08:47	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			04/29/21 08:47	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			04/29/21 08:47	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			04/29/21 08:47	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			04/29/21 08:47	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			04/29/21 08:47	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			04/29/21 08:47	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			04/29/21 08:47	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			04/29/21 08:47	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			04/29/21 08:47	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			04/29/21 08:47	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			04/29/21 08:47	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			04/29/21 08:47	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			04/29/21 08:47	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			04/29/21 08:47	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			04/29/21 08:47	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			04/29/21 08:47	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			04/29/21 08:47	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			04/29/21 08:47	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			04/29/21 08:47	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			04/29/21 08:47	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			04/29/21 08:47	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			04/29/21 08:47	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			04/29/21 08:47	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-774667/8
Matrix: Solid
Analysis Batch: 774667

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			04/29/21 08:47	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			04/29/21 08:47	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			04/29/21 08:47	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			04/29/21 08:47	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			04/29/21 08:47	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			04/29/21 08:47	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			04/29/21 08:47	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			04/29/21 08:47	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			04/29/21 08:47	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			04/29/21 08:47	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			04/29/21 08:47	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			04/29/21 08:47	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			04/29/21 08:47	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			04/29/21 08:47	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			04/29/21 08:47	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			04/29/21 08:47	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			04/29/21 08:47	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg			04/29/21 08:47	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			04/29/21 08:47	1
N-Propylbenzene	0.0010	U	0.0010	0.00018	mg/Kg			04/29/21 08:47	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg			04/29/21 08:47	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			04/29/21 08:47	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			04/29/21 08:47	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			04/29/21 08:47	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			04/29/21 08:47	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			04/29/21 08:47	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			04/29/21 08:47	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			04/29/21 08:47	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			04/29/21 08:47	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			04/29/21 08:47	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			04/29/21 08:47	1
Xylenes, Total	0.0020	U	0.0020	0.00064	mg/Kg			04/29/21 08:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 145*		*04/29/21 08:47*	*1*
4-Bromofluorobenzene	*88*		*70 - 139*		*04/29/21 08:47*	*1*
Dibromofluoromethane (Surr)	*103*		*48 - 150*		*04/29/21 08:47*	*1*
Toluene-d8 (Surr)	*80*		*80 - 120*		*04/29/21 08:47*	*1*

Lab Sample ID: LCS 460-774667/4
Matrix: Solid
Analysis Batch: 774667

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0234		mg/Kg		117	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0169		mg/Kg		85	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0229		mg/Kg		115	78 - 136
1,1,2-Trichloroethane	0.0200	0.0192		mg/Kg		96	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-774667/4
Matrix: Solid
Analysis Batch: 774667

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	0.0200	0.0182		mg/Kg		91	76 - 129
1,1-Dichloroethene	0.0200	0.0228		mg/Kg		114	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0266		mg/Kg		133	65 - 144
1,2,4-Trichlorobenzene	0.0200	0.0264	*	mg/Kg		132	75 - 120
1,2,4-Trimethylbenzene	0.0200	0.0190		mg/Kg		95	79 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0278	*	mg/Kg		139	60 - 126
1,2-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120
1,2-Dichloroethane	0.0200	0.0201		mg/Kg		101	70 - 132
1,2-Dichloropropane	0.0200	0.0165		mg/Kg		83	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0189		mg/Kg		95	79 - 120
1,3-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120
1,4-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120
2-Butanone (MEK)	0.100	0.115		mg/Kg		115	75 - 120
2-Hexanone	0.100	0.0820		mg/Kg		82	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0850		mg/Kg		85	80 - 122
Acetone	0.100	0.113		mg/Kg		113	63 - 131
Benzene	0.0200	0.0198		mg/Kg		99	80 - 123
Bromoform	0.0200	0.0237		mg/Kg		118	48 - 142
Bromomethane	0.0200	0.0241		mg/Kg		121	46 - 150
Carbon disulfide	0.0200	0.0207		mg/Kg		104	67 - 136
Carbon tetrachloride	0.0200	0.0244		mg/Kg		122	72 - 136
Chlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0234		mg/Kg		117	76 - 127
Chlorodibromomethane	0.0200	0.0229		mg/Kg		115	62 - 128
Chloroethane	0.0200	0.0197		mg/Kg		98	49 - 150
Chloroform	0.0200	0.0213		mg/Kg		107	79 - 126
Chloromethane	0.0200	0.0197		mg/Kg		98	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0219		mg/Kg		109	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0190		mg/Kg		95	72 - 120
Cyclohexane	0.0200	0.0206		mg/Kg		103	80 - 132
Dichlorobromomethane	0.0200	0.0214		mg/Kg		107	73 - 124
Dichlorodifluoromethane	0.0200	0.0208		mg/Kg		104	40 - 146
Ethylbenzene	0.0200	0.0209		mg/Kg		104	80 - 120
Ethylene Dibromide	0.0200	0.0221		mg/Kg		111	79 - 120
Isopropylbenzene	0.0200	0.0222		mg/Kg		111	80 - 120
Methyl acetate	0.0400	0.0360		mg/Kg		90	58 - 143
Methyl tert-butyl ether	0.0200	0.0194		mg/Kg		97	80 - 125
Methylcyclohexane	0.0200	0.0203		mg/Kg		101	79 - 133
Methylene Chloride	0.0200	0.0218		mg/Kg		109	76 - 127
m-Xylene & p-Xylene	0.0200	0.0212		mg/Kg		106	80 - 120
n-Butylbenzene	0.0200	0.0181		mg/Kg		90	77 - 123
N-Propylbenzene	0.0200	0.0189		mg/Kg		95	78 - 120
o-Xylene	0.0200	0.0212		mg/Kg		106	80 - 120
sec-Butylbenzene	0.0200	0.0190		mg/Kg		95	78 - 120
Styrene	0.0200	0.0198		mg/Kg		99	80 - 120
tert-Butylbenzene	0.0200	0.0206		mg/Kg		103	76 - 120
Tetrachloroethene	0.0200	0.0239		mg/Kg		120	78 - 123
Toluene	0.0200	0.0196		mg/Kg		98	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0222		mg/Kg		111	78 - 128

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-774667/4
Matrix: Solid
Analysis Batch: 774667

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
trans-1,3-Dichloropropene			0.0200	0.0186		mg/Kg		93	68 - 120		
Trichloroethene			0.0200	0.0207		mg/Kg		103	79 - 120		
Trichlorofluoromethane			0.0200	0.0277		mg/Kg		138	67 - 142		
Vinyl chloride			0.0200	0.0224		mg/Kg		112	56 - 147		
Xylenes, Total			0.0400	0.0423		mg/Kg		106	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 145*
4-Bromofluorobenzene	*96*		*70 - 139*
Dibromofluoromethane (Surr)	*105*		*48 - 150*
Toluene-d8 (Surr)	*91*		*80 - 120*

Lab Sample ID: LCSD 460-774667/5
Matrix: Solid
Analysis Batch: 774667

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0218		mg/Kg		109	78 - 132	7	30
1,1,2,2-Tetrachloroethane			0.0200	0.0156		mg/Kg		78	69 - 123	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0212		mg/Kg		106	78 - 136	8	30
1,1,2-Trichloroethane			0.0200	0.0177		mg/Kg		89	75 - 120	8	30
1,1-Dichloroethane			0.0200	0.0167		mg/Kg		84	76 - 129	9	30
1,1-Dichloroethene			0.0200	0.0208		mg/Kg		104	77 - 132	9	30
1,2,3-Trichlorobenzene			0.0200	0.0245		mg/Kg		122	65 - 144	8	30
1,2,4-Trichlorobenzene			0.0200	0.0238		mg/Kg		119	75 - 120	10	30
1,2,4-Trimethylbenzene			0.0200	0.0179		mg/Kg		90	79 - 120	6	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0244		mg/Kg		122	60 - 126	13	30
1,2-Dichlorobenzene			0.0200	0.0198		mg/Kg		99	80 - 120	7	30
1,2-Dichloroethane			0.0200	0.0191		mg/Kg		95	70 - 132	5	30
1,2-Dichloropropane			0.0200	0.0159		mg/Kg		80	73 - 124	4	30
1,3,5-Trimethylbenzene			0.0200	0.0177		mg/Kg		89	79 - 120	6	30
1,3-Dichlorobenzene			0.0200	0.0196		mg/Kg		98	80 - 120	8	30
1,4-Dichlorobenzene			0.0200	0.0196		mg/Kg		98	80 - 120	5	30
2-Butanone (MEK)			0.100	0.107		mg/Kg		107	75 - 120	7	30
2-Hexanone			0.100	0.0801		mg/Kg		80	78 - 120	2	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0823		mg/Kg		82	80 - 122	3	30
Acetone			0.100	0.102		mg/Kg		102	63 - 131	10	30
Benzene			0.0200	0.0183		mg/Kg		91	80 - 123	8	30
Bromoform			0.0200	0.0232		mg/Kg		116	48 - 142	2	30
Bromomethane			0.0200	0.0209		mg/Kg		105	46 - 150	14	30
Carbon disulfide			0.0200	0.0192		mg/Kg		96	67 - 136	8	30
Carbon tetrachloride			0.0200	0.0229		mg/Kg		115	72 - 136	6	30
Chlorobenzene			0.0200	0.0198		mg/Kg		99	80 - 120	3	30
Chlorobromomethane			0.0200	0.0225		mg/Kg		113	76 - 127	4	30
Chlorodibromomethane			0.0200	0.0216		mg/Kg		108	62 - 128	6	30
Chloroethane			0.0200	0.0177		mg/Kg		88	49 - 150	11	30
Chloroform			0.0200	0.0195		mg/Kg		98	79 - 126	9	30
Chloromethane			0.0200	0.0172		mg/Kg		86	48 - 150	14	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-774667/5
Matrix: Solid
Analysis Batch: 774667

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			0.0200	0.0205		mg/Kg		103	80 - 123	6	30
cis-1,3-Dichloropropene			0.0200	0.0177		mg/Kg		89	72 - 120	7	30
Cyclohexane			0.0200	0.0191		mg/Kg		96	80 - 132	7	30
Dichlorobromomethane			0.0200	0.0192		mg/Kg		96	73 - 124	11	30
Dichlorodifluoromethane			0.0200	0.0191		mg/Kg		95	40 - 146	9	30
Ethylbenzene			0.0200	0.0201		mg/Kg		101	80 - 120	4	30
Ethylene Dibromide			0.0200	0.0197		mg/Kg		98	79 - 120	12	30
Isopropylbenzene			0.0200	0.0210		mg/Kg		105	80 - 120	6	30
Methyl acetate			0.0400	0.0342		mg/Kg		86	58 - 143	5	30
Methyl tert-butyl ether			0.0200	0.0177		mg/Kg		89	80 - 125	9	30
Methylcyclohexane			0.0200	0.0193		mg/Kg		96	79 - 133	5	30
Methylene Chloride			0.0200	0.0193		mg/Kg		96	76 - 127	12	30
m-Xylene & p-Xylene			0.0200	0.0203		mg/Kg		102	80 - 120	4	30
n-Butylbenzene			0.0200	0.0168		mg/Kg		84	77 - 123	7	30
N-Propylbenzene			0.0200	0.0181		mg/Kg		90	78 - 120	5	30
o-Xylene			0.0200	0.0203		mg/Kg		101	80 - 120	4	30
sec-Butylbenzene			0.0200	0.0176		mg/Kg		88	78 - 120	7	30
Styrene			0.0200	0.0189		mg/Kg		94	80 - 120	4	30
tert-Butylbenzene			0.0200	0.0197		mg/Kg		98	76 - 120	5	30
Tetrachloroethene			0.0200	0.0236		mg/Kg		118	78 - 123	2	30
Toluene			0.0200	0.0179		mg/Kg		90	80 - 120	9	30
trans-1,2-Dichloroethene			0.0200	0.0214		mg/Kg		107	78 - 128	3	30
trans-1,3-Dichloropropene			0.0200	0.0179		mg/Kg		89	68 - 120	4	30
Trichloroethene			0.0200	0.0202		mg/Kg		101	79 - 120	2	30
Trichlorofluoromethane			0.0200	0.0242		mg/Kg		121	67 - 142	13	30
Vinyl chloride			0.0200	0.0204		mg/Kg		102	56 - 147	9	30
Xylenes, Total			0.0400	0.0406		mg/Kg		101	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*77 - 145*
4-Bromofluorobenzene	*89*		*70 - 139*
Dibromofluoromethane (Surr)	*94*		*48 - 150*
Toluene-d8 (Surr)	*82*		*80 - 120*

Lab Sample ID: MB 460-775117/8
Matrix: Solid
Analysis Batch: 775117

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/01/21 00:13	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			05/01/21 00:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/01/21 00:13	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			05/01/21 00:13	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			05/01/21 00:13	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/01/21 00:13	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			05/01/21 00:13	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/01/21 00:13	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			05/01/21 00:13	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-775117/8
Matrix: Solid
Analysis Batch: 775117

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/01/21 00:13	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/01/21 00:13	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/01/21 00:13	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/01/21 00:13	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			05/01/21 00:13	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/01/21 00:13	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			05/01/21 00:13	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/01/21 00:13	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/01/21 00:13	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/01/21 00:13	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/01/21 00:13	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			05/01/21 00:13	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/01/21 00:13	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/01/21 00:13	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/01/21 00:13	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/01/21 00:13	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			05/01/21 00:13	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			05/01/21 00:13	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			05/01/21 00:13	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/01/21 00:13	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/01/21 00:13	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/01/21 00:13	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/01/21 00:13	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/01/21 00:13	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/01/21 00:13	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/01/21 00:13	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/01/21 00:13	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			05/01/21 00:13	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			05/01/21 00:13	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/01/21 00:13	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/01/21 00:13	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/01/21 00:13	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/01/21 00:13	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/01/21 00:13	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg			05/01/21 00:13	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/01/21 00:13	1
N-Propylbenzene	0.0010	U	0.0010	0.00018	mg/Kg			05/01/21 00:13	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg			05/01/21 00:13	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/01/21 00:13	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/01/21 00:13	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			05/01/21 00:13	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/01/21 00:13	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/01/21 00:13	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/01/21 00:13	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/01/21 00:13	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/01/21 00:13	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/01/21 00:13	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/01/21 00:13	1
Xylenes, Total	0.0020	U	0.0020	0.00064	mg/Kg			05/01/21 00:13	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*120*		*77 - 145*		*05/01/21 00:13*	*1*
4-Bromofluorobenzene	*86*		*70 - 139*		*05/01/21 00:13*	*1*
Dibromofluoromethane (Surr)	*118*		*48 - 150*		*05/01/21 00:13*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*05/01/21 00:13*	*1*

Lab Sample ID: LCS 460-775117/4
Matrix: Solid
Analysis Batch: 775117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0212		mg/Kg		106	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0220		mg/Kg		110	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0221		mg/Kg		111	78 - 136
1,1,2-Trichloroethane	0.0200	0.0202		mg/Kg		101	75 - 120
1,1-Dichloroethane	0.0200	0.0217		mg/Kg		109	76 - 129
1,1-Dichloroethene	0.0200	0.0208		mg/Kg		104	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0165		mg/Kg		83	65 - 144
1,2,4-Trichlorobenzene	0.0200	0.0162		mg/Kg		81	75 - 120
1,2,4-Trimethylbenzene	0.0200	0.0207		mg/Kg		103	79 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0177		mg/Kg		89	60 - 126
1,2-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
1,2-Dichloroethane	0.0200	0.0204		mg/Kg		102	70 - 132
1,2-Dichloropropane	0.0200	0.0215		mg/Kg		107	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0203		mg/Kg		101	79 - 120
1,3-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
1,4-Dichlorobenzene	0.0200	0.0183		mg/Kg		92	80 - 120
2-Butanone (MEK)	0.100	0.0931		mg/Kg		93	75 - 120
2-Hexanone	0.100	0.0953		mg/Kg		95	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0954		mg/Kg		95	80 - 122
Acetone	0.100	0.0825		mg/Kg		82	63 - 131
Benzene	0.0200	0.0196		mg/Kg		98	80 - 123
Bromoform	0.0200	0.0173		mg/Kg		87	48 - 142
Bromomethane	0.0200	0.0174		mg/Kg		87	46 - 150
Carbon disulfide	0.0200	0.0217		mg/Kg		108	67 - 136
Carbon tetrachloride	0.0200	0.0224		mg/Kg		112	72 - 136
Chlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120
Chlorobromomethane	0.0200	0.0197		mg/Kg		99	76 - 127
Chlorodibromomethane	0.0200	0.0190		mg/Kg		95	62 - 128
Chloroethane	0.0200	0.0159		mg/Kg		79	49 - 150
Chloroform	0.0200	0.0217		mg/Kg		109	79 - 126
Chloromethane	0.0200	0.0132		mg/Kg		66	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0211		mg/Kg		105	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0196		mg/Kg		98	72 - 120
Cyclohexane	0.0200	0.0229		mg/Kg		114	80 - 132
Dichlorobromomethane	0.0200	0.0224		mg/Kg		112	73 - 124
Dichlorodifluoromethane	0.0200	0.0148		mg/Kg		74	40 - 146
Ethylbenzene	0.0200	0.0191		mg/Kg		95	80 - 120
Ethylene Dibromide	0.0200	0.0196		mg/Kg		98	79 - 120
Isopropylbenzene	0.0200	0.0192		mg/Kg		96	80 - 120
Methyl acetate	0.0400	0.0295		mg/Kg		74	58 - 143
Methyl tert-butyl ether	0.0200	0.0215		mg/Kg		108	80 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-775117/4
Matrix: Solid
Analysis Batch: 775117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	0.0200	0.0223		mg/Kg		112	79 - 133
Methylene Chloride	0.0200	0.0215		mg/Kg		107	76 - 127
m-Xylene & p-Xylene	0.0200	0.0187		mg/Kg		93	80 - 120
n-Butylbenzene	0.0200	0.0220		mg/Kg		110	77 - 123
N-Propylbenzene	0.0200	0.0225		mg/Kg		113	78 - 120
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120
sec-Butylbenzene	0.0200	0.0218		mg/Kg		109	78 - 120
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120
tert-Butylbenzene	0.0200	0.0199		mg/Kg		99	76 - 120
Tetrachloroethene	0.0200	0.0151	*	mg/Kg		75	78 - 123
Toluene	0.0200	0.0190		mg/Kg		95	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0212		mg/Kg		106	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0200		mg/Kg		100	68 - 120
Trichloroethene	0.0200	0.0218		mg/Kg		109	79 - 120
Trichlorofluoromethane	0.0200	0.0180		mg/Kg		90	67 - 142
Vinyl chloride	0.0200	0.0155		mg/Kg		78	56 - 147
Xylenes, Total	0.0400	0.0380		mg/Kg		95	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*119*		*77 - 145*
4-Bromofluorobenzene	*84*		*70 - 139*
Dibromofluoromethane (Surr)	*116*		*48 - 150*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: LCSD 460-775117/5
Matrix: Solid
Analysis Batch: 775117

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0228		mg/Kg		114	78 - 132	7	30
1,1,2,2-Tetrachloroethane	0.0200	0.0213		mg/Kg		107	69 - 123	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0241		mg/Kg		121	78 - 136	9	30
1,1,2-Trichloroethane	0.0200	0.0189		mg/Kg		95	75 - 120	6	30
1,1-Dichloroethane	0.0200	0.0230		mg/Kg		115	76 - 129	6	30
1,1-Dichloroethene	0.0200	0.0228		mg/Kg		114	77 - 132	9	30
1,2,3-Trichlorobenzene	0.0200	0.0164		mg/Kg		82	65 - 144	1	30
1,2,4-Trichlorobenzene	0.0200	0.0169		mg/Kg		84	75 - 120	4	30
1,2,4-Trimethylbenzene	0.0200	0.0220		mg/Kg		110	79 - 120	6	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0178		mg/Kg		89	60 - 126	0	30
1,2-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120	0	30
1,2-Dichloroethane	0.0200	0.0208		mg/Kg		104	70 - 132	2	30
1,2-Dichloropropane	0.0200	0.0213		mg/Kg		107	73 - 124	1	30
1,3,5-Trimethylbenzene	0.0200	0.0217		mg/Kg		109	79 - 120	7	30
1,3-Dichlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120	1	30
2-Butanone (MEK)	0.100	0.0898		mg/Kg		90	75 - 120	4	30
2-Hexanone	0.100	0.0914		mg/Kg		91	78 - 120	4	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0963		mg/Kg		96	80 - 122	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-775117/5
Matrix: Solid
Analysis Batch: 775117

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			0.100	0.0852		mg/Kg		85	63 - 131	3	30
Benzene			0.0200	0.0200		mg/Kg		100	80 - 123	2	30
Bromoform			0.0200	0.0166		mg/Kg		83	48 - 142	4	30
Bromomethane			0.0200	0.0191		mg/Kg		95	46 - 150	9	30
Carbon disulfide			0.0200	0.0242		mg/Kg		121	67 - 136	11	30
Carbon tetrachloride			0.0200	0.0236		mg/Kg		118	72 - 136	5	30
Chlorobenzene			0.0200	0.0187		mg/Kg		94	80 - 120	0	30
Chlorobromomethane			0.0200	0.0199		mg/Kg		99	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0181		mg/Kg		91	62 - 128	5	30
Chloroethane			0.0200	0.0162		mg/Kg		81	49 - 150	2	30
Chloroform			0.0200	0.0223		mg/Kg		111	79 - 126	2	30
Chloromethane			0.0200	0.0141		mg/Kg		70	48 - 150	7	30
cis-1,2-Dichloroethene			0.0200	0.0225		mg/Kg		113	80 - 123	7	30
cis-1,3-Dichloropropene			0.0200	0.0186		mg/Kg		93	72 - 120	5	30
Cyclohexane			0.0200	0.0244		mg/Kg		122	80 - 132	7	30
Dichlorobromomethane			0.0200	0.0223		mg/Kg		112	73 - 124	0	30
Dichlorodifluoromethane			0.0200	0.0155		mg/Kg		78	40 - 146	5	30
Ethylbenzene			0.0200	0.0199		mg/Kg		99	80 - 120	4	30
Ethylene Dibromide			0.0200	0.0183		mg/Kg		91	79 - 120	7	30
Isopropylbenzene			0.0200	0.0200		mg/Kg		100	80 - 120	5	30
Methyl acetate			0.0400	0.0292		mg/Kg		73	58 - 143	1	30
Methyl tert-butyl ether			0.0200	0.0218		mg/Kg		109	80 - 125	1	30
Methylcyclohexane			0.0200	0.0238		mg/Kg		119	79 - 133	7	30
Methylene Chloride			0.0200	0.0214		mg/Kg		107	76 - 127	0	30
m-Xylene & p-Xylene			0.0200	0.0194		mg/Kg		97	80 - 120	4	30
n-Butylbenzene			0.0200	0.0238		mg/Kg		119	77 - 123	8	30
N-Propylbenzene			0.0200	0.0235		mg/Kg		118	78 - 120	4	30
o-Xylene			0.0200	0.0197		mg/Kg		98	80 - 120	2	30
sec-Butylbenzene			0.0200	0.0233		mg/Kg		117	78 - 120	7	30
Styrene			0.0200	0.0190		mg/Kg		95	80 - 120	1	30
tert-Butylbenzene			0.0200	0.0202		mg/Kg		101	76 - 120	2	30
Tetrachloroethene			0.0200	0.0163		mg/Kg		81	78 - 123	8	30
Toluene			0.0200	0.0196		mg/Kg		98	80 - 120	3	30
trans-1,2-Dichloroethene			0.0200	0.0222		mg/Kg		111	78 - 128	5	30
trans-1,3-Dichloropropene			0.0200	0.0190		mg/Kg		95	68 - 120	5	30
Trichloroethene			0.0200	0.0218		mg/Kg		109	79 - 120	0	30
Trichlorofluoromethane			0.0200	0.0191		mg/Kg		95	67 - 142	6	30
Vinyl chloride			0.0200	0.0166		mg/Kg		83	56 - 147	6	30
Xylenes, Total			0.0400	0.0391		mg/Kg		98	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*114*		*77 - 145*
4-Bromofluorobenzene	*81*		*70 - 139*
Dibromofluoromethane (Surr)	*116*		*48 - 150*
Toluene-d8 (Surr)	*103*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-774834/1-A
Matrix: Solid
Analysis Batch: 774884

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774834

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.033	U	0.033	0.0085	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
1,2-Dichlorobenzene	0.33	U	0.33	0.0056	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
1,3-Dichlorobenzene	0.33	U	0.33	0.0044	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
1,4-Dichlorobenzene	0.33	U	0.33	0.013	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.0060	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
2-Chloronaphthalene	0.33	U	0.33	0.015	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
2-Nitroaniline	0.33	U	0.33	0.012	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
3-Nitroaniline	0.33	U	0.33	0.037	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
4-Nitroaniline	0.33	U	0.33	0.038	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Acenaphthylene	0.33	U	0.33	0.0033	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Benzo[a]anthracene	0.033	U	0.033	0.012	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Chrysene	0.33	U	0.33	0.0056	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Dibenzofuran	0.33	U	0.33	0.0046	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Diethyl phthalate	0.33	U	0.33	0.0048	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Fluorene	0.33	U	0.33	0.0045	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Nitrobenzene	0.033	U	0.033	0.0079	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		04/29/21 16:29	04/29/21 22:12	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-774834/1-A
Matrix: Solid
Analysis Batch: 774884

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774834

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	0.33	U	0.33	0.0058	mg/Kg		04/29/21 16:29	04/29/21 22:12	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		04/29/21 16:29	04/29/21 22:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*93*		*14 - 103*	*04/29/21 16:29*	*04/29/21 22:12*	*1*
Nitrobenzene-d5 (Surr)	*92*		*11 - 104*	*04/29/21 16:29*	*04/29/21 22:12*	*1*
Terphenyl-d14 (Surr)	*104*		*12 - 126*	*04/29/21 16:29*	*04/29/21 22:12*	*1*

Lab Sample ID: LCS 460-774834/2-A
Matrix: Solid
Analysis Batch: 774884

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 774834

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	3.33	2.73		mg/Kg		82	63 - 107
1,2-Dichlorobenzene	3.33	2.61		mg/Kg		78	60 - 100
1,3-Dichlorobenzene	3.33	2.47		mg/Kg		74	59 - 99
1,4-Dichlorobenzene	3.33	2.50		mg/Kg		75	60 - 100
2,2'-oxybis[1-chloropropane]	3.33	2.53		mg/Kg		76	49 - 109
2,4-Dinitrotoluene	3.33	3.33		mg/Kg		100	65 - 124
2,6-Dinitrotoluene	3.33	3.15		mg/Kg		95	67 - 121
2-Chloronaphthalene	3.33	2.90		mg/Kg		87	65 - 109
2-Methylnaphthalene	3.33	2.85		mg/Kg		85	64 - 108
2-Nitroaniline	3.33	2.93		mg/Kg		88	59 - 119
3,3'-Dichlorobenzidine	3.33	3.05		mg/Kg		91	17 - 101
3-Nitroaniline	3.33	2.94		mg/Kg		88	31 - 102
4-Bromophenyl phenyl ether	3.33	3.01		mg/Kg		90	67 - 113
4-Chloroaniline	3.33	2.69		mg/Kg		81	20 - 98
4-Chlorophenyl phenyl ether	3.33	2.98		mg/Kg		89	66 - 110
4-Nitroaniline	3.33	3.05		mg/Kg		92	50 - 110
Acenaphthene	3.33	2.96		mg/Kg		89	53 - 110
Acenaphthylene	3.33	2.97		mg/Kg		89	64 - 108
Anthracene	3.33	3.02		mg/Kg		91	67 - 114
Benzo[a]anthracene	3.33	2.98		mg/Kg		89	67 - 115
Benzo[a]pyrene	3.33	3.78		mg/Kg		114	73 - 123
Benzo[b]fluoranthene	3.33	3.62		mg/Kg		109	70 - 125
Benzo[g,h,i]perylene	3.33	3.29		mg/Kg		99	61 - 113
Benzo[k]fluoranthene	3.33	3.40		mg/Kg		102	67 - 115
Bis(2-chloroethoxy)methane	3.33	2.79		mg/Kg		84	62 - 107
Bis(2-chloroethyl)ether	3.33	2.75		mg/Kg		82	60 - 107
Bis(2-ethylhexyl) phthalate	3.33	3.07		mg/Kg		92	59 - 111
Butyl benzyl phthalate	3.33	3.09		mg/Kg		93	62 - 113
Carbazole	3.33	3.12		mg/Kg		93	64 - 113
Chrysene	3.33	3.05		mg/Kg		92	71 - 122
Dibenz(a,h)anthracene	3.33	3.68		mg/Kg		110	66 - 119
Dibenzofuran	3.33	3.02		mg/Kg		91	65 - 108
Diethyl phthalate	3.33	3.09		mg/Kg		93	63 - 109
Dimethyl phthalate	3.33	3.03		mg/Kg		91	65 - 109
Di-n-butyl phthalate	3.33	3.10		mg/Kg		93	66 - 114

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-774834/2-A
Matrix: Solid
Analysis Batch: 774884

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 774834

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	3.33	3.40		mg/Kg		102	65 - 122
Fluoranthene	3.33	3.12		mg/Kg		93	61 - 106
Fluorene	3.33	3.01		mg/Kg		90	65 - 109
Hexachlorobenzene	3.33	3.02		mg/Kg		91	61 - 113
Hexachlorobutadiene	3.33	2.72		mg/Kg		82	62 - 109
Hexachlorocyclopentadiene	3.33	2.31		mg/Kg		69	42 - 118
Hexachloroethane	3.33	2.47		mg/Kg		74	61 - 102
Indeno[1,2,3-cd]pyrene	3.33	3.61		mg/Kg		108	62 - 121
Isophorone	3.33	2.84		mg/Kg		85	63 - 107
Naphthalene	3.33	2.76		mg/Kg		83	63 - 106
Nitrobenzene	3.33	2.87		mg/Kg		86	63 - 110
N-Nitrosodi-n-propylamine	3.33	2.80		mg/Kg		84	61 - 108
N-Nitrosodiphenylamine	3.33	2.99		mg/Kg		90	67 - 113
Phenanthrene	3.33	3.00		mg/Kg		90	66 - 112
Pyrene	3.33	3.00		mg/Kg		90	61 - 111

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*83*		*14 - 103*
Nitrobenzene-d5 (Surr)	*79*		*11 - 104*
Terphenyl-d14 (Surr)	*98*		*12 - 126*

Lab Sample ID: LCSD 460-774834/3-A
Matrix: Solid
Analysis Batch: 774884

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 774834

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	3.33	2.97		mg/Kg		89	63 - 107	8	30
1,2-Dichlorobenzene	3.33	2.92		mg/Kg		87	60 - 100	11	30
1,3-Dichlorobenzene	3.33	2.81		mg/Kg		84	59 - 99	13	30
1,4-Dichlorobenzene	3.33	2.86		mg/Kg		86	60 - 100	13	30
2,2'-oxybis[1-chloropropane]	3.33	2.76		mg/Kg		83	49 - 109	9	30
2,4-Dinitrotoluene	3.33	3.31		mg/Kg		99	65 - 124	1	30
2,6-Dinitrotoluene	3.33	3.21		mg/Kg		96	67 - 121	2	30
2-Chloronaphthalene	3.33	3.00		mg/Kg		90	65 - 109	3	30
2-Methylnaphthalene	3.33	3.03		mg/Kg		91	64 - 108	6	30
2-Nitroaniline	3.33	3.00		mg/Kg		90	59 - 119	2	30
3,3'-Dichlorobenzidine	3.33	3.01		mg/Kg		90	17 - 101	1	30
3-Nitroaniline	3.33	2.83		mg/Kg		85	31 - 102	4	30
4-Bromophenyl phenyl ether	3.33	3.04		mg/Kg		91	67 - 113	1	30
4-Chloroaniline	3.33	2.59		mg/Kg		78	20 - 98	4	30
4-Chlorophenyl phenyl ether	3.33	3.00		mg/Kg		90	66 - 110	1	30
4-Nitroaniline	3.33	3.13		mg/Kg		94	50 - 110	3	30
Acenaphthene	3.33	3.00		mg/Kg		90	53 - 110	1	30
Acenaphthylene	3.33	3.05		mg/Kg		91	64 - 108	3	30
Anthracene	3.33	3.09		mg/Kg		93	67 - 114	2	30
Benzo[a]anthracene	3.33	3.02		mg/Kg		91	67 - 115	1	30
Benzo[a]pyrene	3.33	3.89		mg/Kg		117	73 - 123	3	30
Benzo[b]fluoranthene	3.33	3.67		mg/Kg		110	70 - 125	2	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-774834/3-A
Matrix: Solid
Analysis Batch: 774884

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 774834

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo[g,h,i]perylene			3.33	3.43		mg/Kg		103	61 - 113	4	30
Benzo[k]fluoranthene			3.33	3.55		mg/Kg		106	67 - 115	4	30
Bis(2-chloroethoxy)methane			3.33	2.91		mg/Kg		87	62 - 107	4	30
Bis(2-chloroethyl)ether			3.33	3.01		mg/Kg		90	60 - 107	9	30
Bis(2-ethylhexyl) phthalate			3.33	3.12		mg/Kg		93	59 - 111	1	30
Butyl benzyl phthalate			3.33	3.13		mg/Kg		94	62 - 113	1	30
Carbazole			3.33	3.18		mg/Kg		95	64 - 113	2	30
Chrysene			3.33	3.11		mg/Kg		93	71 - 122	2	30
Dibenz(a,h)anthracene			3.33	3.78		mg/Kg		113	66 - 119	3	30
Dibenzofuran			3.33	3.04		mg/Kg		91	65 - 108	1	30
Diethyl phthalate			3.33	3.10		mg/Kg		93	63 - 109	0	30
Dimethyl phthalate			3.33	3.04		mg/Kg		91	65 - 109	1	30
Di-n-butyl phthalate			3.33	3.16		mg/Kg		95	66 - 114	2	30
Di-n-octyl phthalate			3.33	3.48		mg/Kg		104	65 - 122	2	30
Fluoranthene			3.33	3.19		mg/Kg		96	61 - 106	2	30
Fluorene			3.33	3.03		mg/Kg		91	65 - 109	1	30
Hexachlorobenzene			3.33	3.05		mg/Kg		91	61 - 113	1	30
Hexachlorobutadiene			3.33	3.04		mg/Kg		91	62 - 109	11	30
Hexachlorocyclopentadiene			3.33	2.43		mg/Kg		73	42 - 118	5	30
Hexachloroethane			3.33	2.80		mg/Kg		84	61 - 102	12	30
Indeno[1,2,3-cd]pyrene			3.33	3.64		mg/Kg		109	62 - 121	1	30
Isophorone			3.33	2.99		mg/Kg		90	63 - 107	5	30
Naphthalene			3.33	2.97		mg/Kg		89	63 - 106	7	30
Nitrobenzene			3.33	3.12		mg/Kg		94	63 - 110	8	30
N-Nitrosodi-n-propylamine			3.33	2.97		mg/Kg		89	61 - 108	6	30
N-Nitrosodiphenylamine			3.33	3.02		mg/Kg		91	67 - 113	1	30
Phenanthrene			3.33	3.06		mg/Kg		92	66 - 112	2	30
Pyrene			3.33	3.03		mg/Kg		91	61 - 111	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*83*		*14 - 103*
Nitrobenzene-d5 (Surr)	*84*		*11 - 104*
Terphenyl-d14 (Surr)	*97*		*12 - 126*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-774606/1-A
Matrix: Solid
Analysis Batch: 774672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774606

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.0089	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1016	0.067	U	0.067	0.0089	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1221	0.067	U	0.067	0.0089	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1221	0.067	U	0.067	0.0089	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1232	0.067	U	0.067	0.0089	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1232	0.067	U	0.067	0.0089	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1242	0.067	U	0.067	0.0089	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1242	0.067	U	0.067	0.0089	mg/Kg		04/28/21 18:16	04/29/21 05:54	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-774606/1-A
Matrix: Solid
Analysis Batch: 774672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774606

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1248	0.067	U	0.067	0.0089	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1248	0.067	U	0.067	0.0089	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1254	0.067	U	0.067	0.0092	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1254	0.067	U	0.067	0.0092	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1260	0.067	U	0.067	0.0092	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1260	0.067	U	0.067	0.0092	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor-1262	0.067	U	0.067	0.0092	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor-1262	0.067	U	0.067	0.0092	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1268	0.067	U	0.067	0.0092	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Aroclor 1268	0.067	U	0.067	0.0092	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.0092	mg/Kg		04/28/21 18:16	04/29/21 05:54	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.0092	mg/Kg		04/28/21 18:16	04/29/21 05:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*37 - 150*	*04/28/21 18:16*	*04/29/21 05:54*	*1*
DCB Decachlorobiphenyl	*108*		*37 - 150*	*04/28/21 18:16*	*04/29/21 05:54*	*1*
Tetrachloro-m-xylene	*98*		*54 - 150*	*04/28/21 18:16*	*04/29/21 05:54*	*1*
Tetrachloro-m-xylene	*98*		*54 - 150*	*04/28/21 18:16*	*04/29/21 05:54*	*1*

Lab Sample ID: LCS 460-774606/2-A
Matrix: Solid
Analysis Batch: 774672

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 774606

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016			0.333	0.294		mg/Kg		88	65 - 133		
Aroclor 1016			0.333	0.317		mg/Kg		95	65 - 133		
Aroclor 1260			0.333	0.323		mg/Kg		97	71 - 150		
Aroclor 1260			0.333	0.344		mg/Kg		103	71 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*92*		*37 - 150*
DCB Decachlorobiphenyl	*101*		*37 - 150*
Tetrachloro-m-xylene	*87*		*54 - 150*
Tetrachloro-m-xylene	*92*		*54 - 150*

Lab Sample ID: LCSD 460-774606/3-A
Matrix: Solid
Analysis Batch: 774672

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 774606

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.291		mg/Kg		87	65 - 133	1	30
Aroclor 1016			0.333	0.300		mg/Kg		90	65 - 133	5	30
Aroclor 1260			0.333	0.319		mg/Kg		96	71 - 150	1	30
Aroclor 1260			0.333	0.323		mg/Kg		97	71 - 150	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*94*		*37 - 150*
DCB Decachlorobiphenyl	*100*		*37 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-774606/3-A
Matrix: Solid
Analysis Batch: 774672

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 774606

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*89*		*54 - 150*
Tetrachloro-m-xylene	*90*		*54 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-775265/1-A
Matrix: Solid
Analysis Batch: 775294

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 775265

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	2.6	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Antimony	1.0	U	1.0	0.15	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Beryllium	0.40	U	0.40	0.057	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Calcium	100	U	100	17.0	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Chromium	2.0	U	2.0	0.17	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Copper	2.0	U	2.0	0.22	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Iron	60.0	U	60.0	20.2	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Magnesium	100	U	100	10.2	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Nickel	2.0	U	2.0	0.19	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Potassium	100	U	100	11.2	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Selenium	1.3	U	1.3	0.12	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Silver	1.0	U	1.0	0.089	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Sodium	100	U	100	15.6	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/01/21 17:40	05/02/21 09:02	1
Zinc	8.0	U	8.0	2.3	mg/Kg		05/01/21 17:40	05/02/21 09:02	1

Lab Sample ID: LCSSRM 460-775265/2-A ^5
Matrix: Solid
Analysis Batch: 775294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 775265

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Aluminum			8190	8773		mg/Kg		107.1	48.7 - 151.4		
Antimony			110	69.13		mg/Kg		62.8	3.6 - 210.9		
Arsenic			162	174.2		mg/Kg		107.5	82.7 - 117.9		
Barium			138	139.1		mg/Kg		100.8	82.6 - 117.4		
Beryllium			157	160.3		mg/Kg		102.1	82.8 - 117.2		
Cadmium			135	140.2		mg/Kg		103.9	82.2 - 117.0		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-775265/2-A ^5
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 775294
Prep Batch: 775265

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	4790	5007		mg/Kg		104.5	81.6 - 118.2
Chromium	117	122.8		mg/Kg		105.0	82.0 - 117.9
Cobalt	92.6	98.66		mg/Kg		106.5	83.4 - 116.6
Copper	143	147.0		mg/Kg		102.8	83.2 - 116.1
Iron	15100	15910		mg/Kg		105.4	63.0 - 137.1
Lead	77.6	81.40		mg/Kg		104.9	83.4 - 116.5
Magnesium	2320	2548		mg/Kg		109.8	75.9 - 124.1
Manganese	319	354.6		mg/Kg		111.2	82.1 - 118.2
Nickel	79.9	86.15		mg/Kg		107.8	82.1 - 117.9
Potassium	2050	2113		mg/Kg		103.1	70.2 - 129.8
Selenium	172	192.5		mg/Kg		111.9	79.1 - 120.9
Silver	24.7	25.55		mg/Kg		103.4	80.6 - 119.8
Sodium	137	142.1	J	mg/Kg		103.7	72.1 - 127.7
Thallium	88.0	93.12		mg/Kg		105.8	80.7 - 119.3
Vanadium	99.9	105.0		mg/Kg		105.1	79.0 - 121.1
Zinc	312	320.7		mg/Kg		102.8	80.4 - 119.6

Lab Sample ID: 460-233032-1 MS
Client Sample ID: SB-01_0-2_20210427
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 775294
Prep Batch: 775265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	15800		461	16410	4	mg/Kg	☼	142	75 - 125
Antimony	0.16	J	4.61	1.23	N	mg/Kg	☼	23	75 - 125
Arsenic	4.3		9.22	12.85		mg/Kg	☼	93	75 - 125
Barium	130		9.22	126.5	4	mg/Kg	☼	-34	75 - 125
Beryllium	0.54		4.61	4.91		mg/Kg	☼	95	75 - 125
Cadmium	0.46	J	4.61	4.85		mg/Kg	☼	95	75 - 125
Calcium	3400		461	4029	4	mg/Kg	☼	136	75 - 125
Chromium	24.7		9.22	33.46		mg/Kg	☼	95	75 - 125
Cobalt	9.4		4.61	12.51	N	mg/Kg	☼	68	75 - 125
Copper	21.7		9.22	29.61		mg/Kg	☼	86	75 - 125
Iron	25400		461	24360	4	mg/Kg	☼	-225	75 - 125
Lead	144		4.61	150.7	4	mg/Kg	☼	149	75 - 125
Magnesium	4380		461	4974	4	mg/Kg	☼	129	75 - 125
Manganese	684		46.1	482.1	4	mg/Kg	☼	-439	75 - 125
Nickel	19.0		9.22	27.53		mg/Kg	☼	93	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-233032-1 MS
Client Sample ID: SB-01_0-2_20210427
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 775294
Prep Batch: 775265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	1690		461	2086		mg/Kg	☼	85	75 - 125
Selenium	0.50	J	9.22	8.73		mg/Kg	☼	89	75 - 125
Silver	0.13	J	4.61	4.55		mg/Kg	☼	96	75 - 125
Sodium	116		461	599.8		mg/Kg	☼	105	75 - 125
Thallium	0.19	J	3.69	3.65		mg/Kg	☼	94	75 - 125
Vanadium	34.0		9.22	42.37		mg/Kg	☼	91	75 - 125
Zinc	165		46.1	209.9		mg/Kg	☼	98	75 - 125

Lab Sample ID: 460-233032-1 DU
Client Sample ID: SB-01_0-2_20210427
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 775294
Prep Batch: 775265

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	15800		15600		mg/Kg	☼	1	20
Antimony	0.16	J	0.152	J	mg/Kg	☼	8	20
Arsenic	4.3		4.38		mg/Kg	☼	2	20
Barium	130		121.3		mg/Kg	☼	7	20
Beryllium	0.54		0.522		mg/Kg	☼	4	20
Cadmium	0.46	J	0.421	J	mg/Kg	☼	8	20
Calcium	3400		3850		mg/Kg	☼	12	20
Chromium	24.7		24.70		mg/Kg	☼	0.05	20
Cobalt	9.4		8.77		mg/Kg	☼	7	20
Copper	21.7		21.95		mg/Kg	☼	1	20
Iron	25400		25590		mg/Kg	☼	0.8	20
Lead	144		145.3		mg/Kg	☼	1	20
Magnesium	4380		4288		mg/Kg	☼	2	20
Manganese	684		541.3	*	mg/Kg	☼	23	20
Nickel	19.0		18.35		mg/Kg	☼	3	20
Potassium	1690		1609		mg/Kg	☼	5	20
Selenium	0.50	J	0.475	J	mg/Kg	☼	6	20
Silver	0.13	J	0.115	J	mg/Kg	☼	9	20
Sodium	116		118.7		mg/Kg	☼	2	20
Thallium	0.19	J	0.176	J	mg/Kg	☼	5	20
Vanadium	34.0		34.52		mg/Kg	☼	2	20
Zinc	165		171.3		mg/Kg	☼	4	20

Lab Sample ID: LRC 460-775294/12
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 775294

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5000	5283		ug/L		106	90 - 110
Barium	20000	19810		ug/L		99	90 - 110
Beryllium	2000	1854		ug/L		93	90 - 110
Cadmium	5000	5354		ug/L		107	90 - 110
Chromium	20000	19980		ug/L		100	90 - 110
Cobalt	2000	1986		ug/L		99	90 - 110
Copper	20000	19660		ug/L		98	90 - 110
Lead	20000	18420		ug/L		92	90 - 110

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LRC 460-775294/12
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 775294

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	10000	10180		ug/L		102	90 - 110
Nickel	20000	20390		ug/L		102	90 - 110
Selenium	2000	2086		ug/L		104	90 - 110
Thallium	1000	974.4		ug/L		97	90 - 110
Vanadium	5000	5113		ug/L		102	90 - 110
Zinc	20000	19050		ug/L		95	90 - 110

Lab Sample ID: LRC 460-775294/13
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 775294

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	200000	201900		ug/L		101	90 - 110
Calcium	500000	502700		ug/L		101	90 - 110
Iron	500000	501800		ug/L		100	90 - 110
Magnesium	500000	510300		ug/L		102	90 - 110
Potassium	500000	492700		ug/L		99	90 - 110
Sodium	500000	500300		ug/L		100	90 - 110

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-774929/10-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 775032
Prep Batch: 774929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0040	mg/Kg		04/30/21 03:11	04/30/21 06:55	1

Lab Sample ID: LCSSRM 460-774929/11-A ^40
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 775032
Prep Batch: 774929

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	27.2	28.34		mg/Kg		104.2	72.4 - 127.6

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Prep Batch: 774534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233032-1	SB-01_0-2_20210427	Total/NA	Solid	5035	
460-233032-2	SB-01_4-6_20210427	Total/NA	Solid	5035	
460-233032-3	SB-02_0-2_20210427	Total/NA	Solid	5035	
460-233032-4	SB-02_4-6_20210427	Total/NA	Solid	5035	
460-233032-5	SB-05_0-2_20210427	Total/NA	Solid	5035	
460-233032-6	SB-05_3-5_20210427	Total/NA	Solid	5035	
460-233032-7	SB-06_0-2_20210427	Total/NA	Solid	5035	
460-233032-8	SB-06_6-8_20210427	Total/NA	Solid	5035	
LB3 460-774534/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 774667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233032-4	SB-02_4-6_20210427	Total/NA	Solid	8260D	774534
MB 460-774667/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-774667/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-774667/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 775117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233032-1	SB-01_0-2_20210427	Total/NA	Solid	8260D	774534
460-233032-2	SB-01_4-6_20210427	Total/NA	Solid	8260D	774534
460-233032-3	SB-02_0-2_20210427	Total/NA	Solid	8260D	774534
460-233032-5	SB-05_0-2_20210427	Total/NA	Solid	8260D	774534
460-233032-6	SB-05_3-5_20210427	Total/NA	Solid	8260D	774534
460-233032-7	SB-06_0-2_20210427	Total/NA	Solid	8260D	774534
460-233032-8	SB-06_6-8_20210427	Total/NA	Solid	8260D	774534
LB3 460-774534/1-A	Method Blank	Total/NA	Solid	8260D	774534
MB 460-775117/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-775117/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-775117/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 774834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233032-1	SB-01_0-2_20210427	Total/NA	Solid	3546	
460-233032-2	SB-01_4-6_20210427	Total/NA	Solid	3546	
460-233032-3	SB-02_0-2_20210427	Total/NA	Solid	3546	
460-233032-4	SB-02_4-6_20210427	Total/NA	Solid	3546	
460-233032-5	SB-05_0-2_20210427	Total/NA	Solid	3546	
460-233032-6	SB-05_3-5_20210427	Total/NA	Solid	3546	
460-233032-7	SB-06_0-2_20210427	Total/NA	Solid	3546	
460-233032-8	SB-06_6-8_20210427	Total/NA	Solid	3546	
MB 460-774834/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-774834/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-774834/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 774884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233032-1	SB-01_0-2_20210427	Total/NA	Solid	8270E	774834
460-233032-2	SB-01_4-6_20210427	Total/NA	Solid	8270E	774834

GC/MS Semi VOA (Continued)

Analysis Batch: 774884 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233032-3	SB-02_0-2_20210427	Total/NA	Solid	8270E	774834
460-233032-4	SB-02_4-6_20210427	Total/NA	Solid	8270E	774834
460-233032-5	SB-05_0-2_20210427	Total/NA	Solid	8270E	774834
460-233032-6	SB-05_3-5_20210427	Total/NA	Solid	8270E	774834
460-233032-7	SB-06_0-2_20210427	Total/NA	Solid	8270E	774834
460-233032-8	SB-06_6-8_20210427	Total/NA	Solid	8270E	774834
MB 460-774834/1-A	Method Blank	Total/NA	Solid	8270E	774834
LCS 460-774834/2-A	Lab Control Sample	Total/NA	Solid	8270E	774834
LCSD 460-774834/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	774834

GC Semi VOA

Prep Batch: 774606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233032-1	SB-01_0-2_20210427	Total/NA	Solid	3546	
460-233032-2	SB-01_4-6_20210427	Total/NA	Solid	3546	
460-233032-3	SB-02_0-2_20210427	Total/NA	Solid	3546	
460-233032-4	SB-02_4-6_20210427	Total/NA	Solid	3546	
460-233032-5	SB-05_0-2_20210427	Total/NA	Solid	3546	
460-233032-6	SB-05_3-5_20210427	Total/NA	Solid	3546	
460-233032-7	SB-06_0-2_20210427	Total/NA	Solid	3546	
460-233032-8	SB-06_6-8_20210427	Total/NA	Solid	3546	
MB 460-774606/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-774606/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-774606/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 774672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233032-1	SB-01_0-2_20210427	Total/NA	Solid	8082A	774606
460-233032-2	SB-01_4-6_20210427	Total/NA	Solid	8082A	774606
460-233032-3	SB-02_0-2_20210427	Total/NA	Solid	8082A	774606
460-233032-4	SB-02_4-6_20210427	Total/NA	Solid	8082A	774606
460-233032-5	SB-05_0-2_20210427	Total/NA	Solid	8082A	774606
460-233032-6	SB-05_3-5_20210427	Total/NA	Solid	8082A	774606
460-233032-7	SB-06_0-2_20210427	Total/NA	Solid	8082A	774606
460-233032-8	SB-06_6-8_20210427	Total/NA	Solid	8082A	774606
MB 460-774606/1-A	Method Blank	Total/NA	Solid	8082A	774606
LCS 460-774606/2-A	Lab Control Sample	Total/NA	Solid	8082A	774606
LCSD 460-774606/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	774606

Metals

Prep Batch: 774929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233032-1	SB-01_0-2_20210427	Total/NA	Solid	7471B	
460-233032-2	SB-01_4-6_20210427	Total/NA	Solid	7471B	
460-233032-3	SB-02_0-2_20210427	Total/NA	Solid	7471B	
460-233032-4	SB-02_4-6_20210427	Total/NA	Solid	7471B	
460-233032-5	SB-05_0-2_20210427	Total/NA	Solid	7471B	
460-233032-6	SB-05_3-5_20210427	Total/NA	Solid	7471B	
460-233032-7	SB-06_0-2_20210427	Total/NA	Solid	7471B	
460-233032-8	SB-06_6-8_20210427	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 774929 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-774929/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-774929/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 775032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233032-1	SB-01_0-2_20210427	Total/NA	Solid	7471B	774929
460-233032-2	SB-01_4-6_20210427	Total/NA	Solid	7471B	774929
460-233032-3	SB-02_0-2_20210427	Total/NA	Solid	7471B	774929
460-233032-4	SB-02_4-6_20210427	Total/NA	Solid	7471B	774929
460-233032-5	SB-05_0-2_20210427	Total/NA	Solid	7471B	774929
460-233032-6	SB-05_3-5_20210427	Total/NA	Solid	7471B	774929
460-233032-7	SB-06_0-2_20210427	Total/NA	Solid	7471B	774929
460-233032-8	SB-06_6-8_20210427	Total/NA	Solid	7471B	774929
MB 460-774929/10-A	Method Blank	Total/NA	Solid	7471B	774929
LCSSRM 460-774929/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	774929

Prep Batch: 775265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233032-1	SB-01_0-2_20210427	Total/NA	Solid	3050B	
460-233032-2	SB-01_4-6_20210427	Total/NA	Solid	3050B	
460-233032-3	SB-02_0-2_20210427	Total/NA	Solid	3050B	
460-233032-4	SB-02_4-6_20210427	Total/NA	Solid	3050B	
460-233032-5	SB-05_0-2_20210427	Total/NA	Solid	3050B	
460-233032-6	SB-05_3-5_20210427	Total/NA	Solid	3050B	
460-233032-7	SB-06_0-2_20210427	Total/NA	Solid	3050B	
460-233032-8	SB-06_6-8_20210427	Total/NA	Solid	3050B	
MB 460-775265/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-775265/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
460-233032-1 MS	SB-01_0-2_20210427	Total/NA	Solid	3050B	
460-233032-1 DU	SB-01_0-2_20210427	Total/NA	Solid	3050B	

Analysis Batch: 775294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233032-1	SB-01_0-2_20210427	Total/NA	Solid	6020B	775265
460-233032-2	SB-01_4-6_20210427	Total/NA	Solid	6020B	775265
460-233032-3	SB-02_0-2_20210427	Total/NA	Solid	6020B	775265
460-233032-4	SB-02_4-6_20210427	Total/NA	Solid	6020B	775265
460-233032-5	SB-05_0-2_20210427	Total/NA	Solid	6020B	775265
460-233032-6	SB-05_3-5_20210427	Total/NA	Solid	6020B	775265
460-233032-7	SB-06_0-2_20210427	Total/NA	Solid	6020B	775265
460-233032-8	SB-06_6-8_20210427	Total/NA	Solid	6020B	775265
MB 460-775265/1-A	Method Blank	Total/NA	Solid	6020B	775265
LCSSRM 460-775265/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	775265
LRC 460-775294/12	Lab Control Sample		Solid	6020B	
LRC 460-775294/13	Lab Control Sample		Solid	6020B	
460-233032-1 MS	SB-01_0-2_20210427	Total/NA	Solid	6020B	775265
460-233032-1 DU	SB-01_0-2_20210427	Total/NA	Solid	6020B	775265

QC Association Summary

Client: AKRF Inc
Job ID: 460-233032-1
Project/Site: Brookfield Commons - 159 South Lexington

General Chemistry

Analysis Batch: 774529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233032-1	SB-01_0-2_20210427	Total/NA	Solid	Moisture	
460-233032-2	SB-01_4-6_20210427	Total/NA	Solid	Moisture	
460-233032-3	SB-02_0-2_20210427	Total/NA	Solid	Moisture	
460-233032-4	SB-02_4-6_20210427	Total/NA	Solid	Moisture	
460-233032-5	SB-05_0-2_20210427	Total/NA	Solid	Moisture	
460-233032-6	SB-05_3-5_20210427	Total/NA	Solid	Moisture	
460-233032-7	SB-06_0-2_20210427	Total/NA	Solid	Moisture	
460-233032-8	SB-06_6-8_20210427	Total/NA	Solid	Moisture	

Client Sample ID: SB-01_0-2_20210427
Lab Sample ID: 460-233032-1
Date Collected: 04/27/21 09:15
Matrix: Solid
Date Received: 04/27/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	774529	04/28/21 13:56	MMC	TAL EDI

Client Sample ID: SB-01_0-2_20210427
Lab Sample ID: 460-233032-1
Date Collected: 04/27/21 09:15
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			774534	04/28/21 14:13	YXG	TAL EDI
Total/NA	Analysis	8260D		1	775117	05/01/21 03:37	KLB	TAL EDI
Total/NA	Prep	3546			774834	04/29/21 16:29	OXG	TAL EDI
Total/NA	Analysis	8270E		1	774884	04/30/21 05:23	MME	TAL EDI
Total/NA	Prep	3546			774606	04/28/21 18:16	ARA	TAL EDI
Total/NA	Analysis	8082A		1	774672	04/29/21 10:44	JHP	TAL EDI
Total/NA	Prep	3050B			775265	05/01/21 17:40	GAE	TAL EDI
Total/NA	Analysis	6020B		1	775294	05/02/21 10:00	MDC	TAL EDI
Total/NA	Prep	7471B			774929	04/30/21 03:11	TJS	TAL EDI
Total/NA	Analysis	7471B		1	775032	04/30/21 07:18	TJS	TAL EDI

Client Sample ID: SB-01_4-6_20210427
Lab Sample ID: 460-233032-2
Date Collected: 04/27/21 09:25
Matrix: Solid
Date Received: 04/27/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	774529	04/28/21 13:56	MMC	TAL EDI

Client Sample ID: SB-01_4-6_20210427
Lab Sample ID: 460-233032-2
Date Collected: 04/27/21 09:25
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 78.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			774534	04/28/21 14:15	YXG	TAL EDI
Total/NA	Analysis	8260D		1	775117	05/01/21 04:01	KLB	TAL EDI
Total/NA	Prep	3546			774834	04/29/21 16:29	OXG	TAL EDI
Total/NA	Analysis	8270E		1	774884	04/30/21 00:13	MME	TAL EDI
Total/NA	Prep	3546			774606	04/28/21 18:16	ARA	TAL EDI
Total/NA	Analysis	8082A		1	774672	04/29/21 11:01	JHP	TAL EDI
Total/NA	Prep	3050B			775265	05/01/21 17:40	GAE	TAL EDI
Total/NA	Analysis	6020B		1	775294	05/02/21 11:16	MDC	TAL EDI
Total/NA	Prep	7471B			774929	04/30/21 03:11	TJS	TAL EDI
Total/NA	Analysis	7471B		1	775032	04/30/21 07:20	TJS	TAL EDI

Client Sample ID: SB-02_0-2_20210427
Lab Sample ID: 460-233032-3
Date Collected: 04/27/21 09:40
Matrix: Solid
Date Received: 04/27/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	774529	04/28/21 13:56	MMC	TAL EDI

Client Sample ID: SB-02_0-2_20210427
Lab Sample ID: 460-233032-3
Date Collected: 04/27/21 09:40
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 73.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			774534	04/28/21 14:17	YXG	TAL EDI
Total/NA	Analysis	8260D		1	775117	05/01/21 04:24	KLB	TAL EDI
Total/NA	Prep	3546			774834	04/29/21 16:29	OXG	TAL EDI
Total/NA	Analysis	8270E		1	774884	04/30/21 02:31	MME	TAL EDI
Total/NA	Prep	3546			774606	04/28/21 18:16	ARA	TAL EDI
Total/NA	Analysis	8082A		1	774672	04/29/21 11:18	JHP	TAL EDI
Total/NA	Prep	3050B			775265	05/01/21 17:40	GAE	TAL EDI
Total/NA	Analysis	6020B		1	775294	05/02/21 11:18	MDC	TAL EDI
Total/NA	Prep	7471B			774929	04/30/21 03:11	TJS	TAL EDI
Total/NA	Analysis	7471B		1	775032	04/30/21 07:22	TJS	TAL EDI

Client Sample ID: SB-02_4-6_20210427
Lab Sample ID: 460-233032-4
Date Collected: 04/27/21 09:50
Matrix: Solid
Date Received: 04/27/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	774529	04/28/21 13:56	MMC	TAL EDI

Client Sample ID: SB-02_4-6_20210427
Lab Sample ID: 460-233032-4
Date Collected: 04/27/21 09:50
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 73.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			774534	04/28/21 14:18	YXG	TAL EDI
Total/NA	Analysis	8260D		1	774667	04/29/21 16:50	AAT	TAL EDI
Total/NA	Prep	3546			774834	04/29/21 16:29	OXG	TAL EDI
Total/NA	Analysis	8270E		1	774884	04/30/21 01:05	MME	TAL EDI
Total/NA	Prep	3546			774606	04/28/21 18:16	ARA	TAL EDI
Total/NA	Analysis	8082A		1	774672	04/29/21 11:35	JHP	TAL EDI
Total/NA	Prep	3050B			775265	05/01/21 17:40	GAE	TAL EDI
Total/NA	Analysis	6020B		1	775294	05/02/21 11:21	MDC	TAL EDI
Total/NA	Prep	7471B			774929	04/30/21 03:11	TJS	TAL EDI
Total/NA	Analysis	7471B		1	775032	04/30/21 07:24	TJS	TAL EDI

Client Sample ID: SB-05_0-2_20210427
Lab Sample ID: 460-233032-5
Date Collected: 04/27/21 10:21
Matrix: Solid
Date Received: 04/27/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	774529	04/28/21 13:56	MMC	TAL EDI

Client Sample ID: SB-05_0-2_20210427
Lab Sample ID: 460-233032-5
Date Collected: 04/27/21 10:21
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			774534	04/28/21 14:20	YXG	TAL EDI
Total/NA	Analysis	8260D		1	775117	05/01/21 04:48	KLB	TAL EDI
Total/NA	Prep	3546			774834	04/29/21 16:29	OXG	TAL EDI
Total/NA	Analysis	8270E		1	774884	04/30/21 04:32	MME	TAL EDI
Total/NA	Prep	3546			774606	04/28/21 18:16	ARA	TAL EDI
Total/NA	Analysis	8082A		1	774672	04/29/21 11:52	JHP	TAL EDI
Total/NA	Prep	3050B			775265	05/01/21 17:40	GAE	TAL EDI
Total/NA	Analysis	6020B		5	775294	05/02/21 11:23	MDC	TAL EDI
Total/NA	Prep	7471B			774929	04/30/21 03:11	TJS	TAL EDI
Total/NA	Analysis	7471B		1	775032	04/30/21 07:26	TJS	TAL EDI

Client Sample ID: SB-05_3-5_20210427
Lab Sample ID: 460-233032-6
Date Collected: 04/27/21 10:30
Matrix: Solid
Date Received: 04/27/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	774529	04/28/21 13:56	MMC	TAL EDI

Client Sample ID: SB-05_3-5_20210427
Lab Sample ID: 460-233032-6
Date Collected: 04/27/21 10:30
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			774534	04/28/21 14:22	YXG	TAL EDI
Total/NA	Analysis	8260D		1	775117	05/01/21 05:11	KLB	TAL EDI
Total/NA	Prep	3546			774834	04/29/21 16:29	OXG	TAL EDI
Total/NA	Analysis	8270E		1	774884	04/30/21 02:14	MME	TAL EDI
Total/NA	Prep	3546			774606	04/28/21 18:16	ARA	TAL EDI
Total/NA	Analysis	8082A		1	774672	04/29/21 12:09	JHP	TAL EDI
Total/NA	Prep	3050B			775265	05/01/21 17:40	GAE	TAL EDI
Total/NA	Analysis	6020B		6	775294	05/02/21 11:25	MDC	TAL EDI
Total/NA	Prep	7471B			774929	04/30/21 03:11	TJS	TAL EDI
Total/NA	Analysis	7471B		1	775032	04/30/21 07:28	TJS	TAL EDI

Lab Chronicle

Client: AKRF Inc
Job ID: 460-233032-1
Project/Site: Brookfield Commons - 159 South Lexington

Client Sample ID: SB-06_0-2_20210427
Lab Sample ID: 460-233032-7
Date Collected: 04/27/21 13:05
Matrix: Solid
Date Received: 04/27/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	774529	04/28/21 13:56	MMC	TAL EDI

Client Sample ID: SB-06_0-2_20210427
Lab Sample ID: 460-233032-7
Date Collected: 04/27/21 13:05
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			774534	04/28/21 14:23	YXG	TAL EDI
Total/NA	Analysis	8260D		1	775117	05/01/21 05:35	KLB	TAL EDI
Total/NA	Prep	3546			774834	04/29/21 16:29	OXG	TAL EDI
Total/NA	Analysis	8270E		1	774884	04/30/21 03:40	MME	TAL EDI
Total/NA	Prep	3546			774606	04/28/21 18:16	ARA	TAL EDI
Total/NA	Analysis	8082A		1	774672	04/29/21 12:26	JHP	TAL EDI
Total/NA	Prep	3050B			775265	05/01/21 17:40	GAE	TAL EDI
Total/NA	Analysis	6020B		7	775294	05/02/21 11:27	MDC	TAL EDI
Total/NA	Prep	7471B			774929	04/30/21 03:11	TJS	TAL EDI
Total/NA	Analysis	7471B		1	775032	04/30/21 07:30	TJS	TAL EDI

Client Sample ID: SB-06_6-8_20210427
Lab Sample ID: 460-233032-8
Date Collected: 04/27/21 13:15
Matrix: Solid
Date Received: 04/27/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	774529	04/28/21 13:56	MMC	TAL EDI

Client Sample ID: SB-06_6-8_20210427
Lab Sample ID: 460-233032-8
Date Collected: 04/27/21 13:15
Matrix: Solid
Date Received: 04/27/21 19:00
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			774534	04/28/21 14:25	YXG	TAL EDI
Total/NA	Analysis	8260D		1	775117	05/01/21 05:58	KLB	TAL EDI
Total/NA	Prep	3546			774834	04/29/21 16:29	OXG	TAL EDI
Total/NA	Analysis	8270E		1	774884	04/30/21 00:30	MME	TAL EDI
Total/NA	Prep	3546			774606	04/28/21 18:16	ARA	TAL EDI
Total/NA	Analysis	8082A		1	774672	04/29/21 12:43	JHP	TAL EDI
Total/NA	Prep	3050B			775265	05/01/21 17:40	GAE	TAL EDI
Total/NA	Analysis	6020B		1	775294	05/02/21 12:08	MDC	TAL EDI
Total/NA	Prep	7471B			774929	04/30/21 03:11	TJS	TAL EDI
Total/NA	Analysis	7471B		1	775032	04/30/21 07:32	TJS	TAL EDI

Laboratory References:
TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-233032-1
Project/Site: Brookfield Commons - 159 South Lexington

Laboratory: Eurofins TestAmerica, Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB-01_0-2_20210427	460-233032-1	121	120	106	86
SB-01_4-6_20210427	460-233032-2	114	111	103	81
SB-02_0-2_20210427	460-233032-3	118	113	105	83
SB-02_4-6_20210427	460-233032-4	96	80	81	86
SB-05_0-2_20210427	460-233032-5	118	112	105	83
SB-05_3-5_20210427	460-233032-6	119	116	106	85
SB-06_0-2_20210427	460-233032-7	118	115	103	81
SB-06_6-8_20210427	460-233032-8	119	117	105	84
	MB 460-774667/8	103	92	80	88
	MB 460-775117/8	118	120	105	86
	LB3 460-774534/1-A	114	109	105	81
	LCS 460-774667/4	105	97	91	96
	LCS 460-775117/4	116	119	105	84
	LCSD 460-774667/5	94	85	82	89
	LCSD 460-775117/5	116	114	103	81

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	48-150
DCA = 1,2-Dichloroethane-d4 (Surr)	77-145
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	70-139

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B71506.D

Lab ID: LCS 460-774667/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0234	117	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0169	85	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0229	115	78-136	
1,1,2-Trichloroethane	0.0200	0.0192	96	75-120	
1,1-Dichloroethane	0.0200	0.0182	91	76-129	
1,1-Dichloroethene	0.0200	0.0228	114	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0266	133	65-144	
1,2,4-Trichlorobenzene	0.0200	0.0264	132	75-120	*
1,2,4-Trimethylbenzene	0.0200	0.0190	95	79-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0278	139	60-126	*
1,2-Dichlorobenzene	0.0200	0.0212	106	80-120	
1,2-Dichloroethane	0.0200	0.0201	101	70-132	
1,2-Dichloropropane	0.0200	0.0165	83	73-124	
1,3,5-Trimethylbenzene	0.0200	0.0189	95	79-120	
1,3-Dichlorobenzene	0.0200	0.0212	106	80-120	
1,4-Dichlorobenzene	0.0200	0.0206	103	80-120	
2-Butanone (MEK)	0.100	0.115	115	75-120	
2-Hexanone	0.100	0.0820	82	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0850	85	80-122	
Acetone	0.100	0.113	113	63-131	
Benzene	0.0200	0.0198	99	80-123	
Bromoform	0.0200	0.0237	118	48-142	
Bromomethane	0.0200	0.0241	121	46-150	
Carbon disulfide	0.0200	0.0207	104	67-136	
Carbon tetrachloride	0.0200	0.0244	122	72-136	
Chlorobenzene	0.0200	0.0203	102	80-120	
Chlorobromomethane	0.0200	0.0234	117	76-127	
Chlorodibromomethane	0.0200	0.0229	115	62-128	
Chloroethane	0.0200	0.0197	98	49-150	
Chloroform	0.0200	0.0213	107	79-126	
Chloromethane	0.0200	0.0197	98	48-150	
cis-1,2-Dichloroethene	0.0200	0.0219	109	80-123	
cis-1,3-Dichloropropene	0.0200	0.0190	95	72-120	
Cyclohexane	0.0200	0.0206	103	80-132	
Dichlorobromomethane	0.0200	0.0214	107	73-124	
Dichlorodifluoromethane	0.0200	0.0208	104	40-146	
Ethylbenzene	0.0200	0.0209	104	80-120	
Ethylene Dibromide	0.0200	0.0221	111	79-120	
Isopropylbenzene	0.0200	0.0222	111	80-120	
Methyl acetate	0.0400	0.0360	90	58-143	
Methyl tert-butyl ether	0.0200	0.0194	97	80-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B71506.D

Lab ID: LCS 460-774667/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	0.0200	0.0203	101	79-133	
Methylene Chloride	0.0200	0.0218	109	76-127	
m-Xylene & p-Xylene	0.0200	0.0212	106	80-120	
n-Butylbenzene	0.0200	0.0181	90	77-123	
N-Propylbenzene	0.0200	0.0189	95	78-120	
o-Xylene	0.0200	0.0212	106	80-120	
sec-Butylbenzene	0.0200	0.0190	95	78-120	
Styrene	0.0200	0.0198	99	80-120	
tert-Butylbenzene	0.0200	0.0206	103	76-120	
Tetrachloroethene	0.0200	0.0239	120	78-123	
Toluene	0.0200	0.0196	98	80-120	
trans-1,2-Dichloroethene	0.0200	0.0222	111	78-128	
trans-1,3-Dichloropropene	0.0200	0.0186	93	68-120	
Trichloroethene	0.0200	0.0207	103	79-120	
Trichlorofluoromethane	0.0200	0.0277	138	67-142	
Vinyl chloride	0.0200	0.0224	112	56-147	
Xylenes, Total	0.0400	0.0423	106	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K25575.D

Lab ID: LCS 460-775117/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0212	106	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0220	110	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0221	111	78-136	
1,1,2-Trichloroethane	0.0200	0.0202	101	75-120	
1,1-Dichloroethane	0.0200	0.0217	109	76-129	
1,1-Dichloroethene	0.0200	0.0208	104	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0165	83	65-144	
1,2,4-Trichlorobenzene	0.0200	0.0162	81	75-120	
1,2,4-Trimethylbenzene	0.0200	0.0207	103	79-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0177	89	60-126	
1,2-Dichlorobenzene	0.0200	0.0184	92	80-120	
1,2-Dichloroethane	0.0200	0.0204	102	70-132	
1,2-Dichloropropane	0.0200	0.0215	107	73-124	
1,3,5-Trimethylbenzene	0.0200	0.0203	101	79-120	
1,3-Dichlorobenzene	0.0200	0.0184	92	80-120	
1,4-Dichlorobenzene	0.0200	0.0183	92	80-120	
2-Butanone (MEK)	0.100	0.0931	93	75-120	
2-Hexanone	0.100	0.0953	95	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0954	95	80-122	
Acetone	0.100	0.0825	82	63-131	
Benzene	0.0200	0.0196	98	80-123	
Bromoform	0.0200	0.0173	87	48-142	
Bromomethane	0.0200	0.0174	87	46-150	
Carbon disulfide	0.0200	0.0217	108	67-136	
Carbon tetrachloride	0.0200	0.0224	112	72-136	
Chlorobenzene	0.0200	0.0187	94	80-120	
Chlorobromomethane	0.0200	0.0197	99	76-127	
Chlorodibromomethane	0.0200	0.0190	95	62-128	
Chloroethane	0.0200	0.0159	79	49-150	
Chloroform	0.0200	0.0217	109	79-126	
Chloromethane	0.0200	0.0132	66	48-150	
cis-1,2-Dichloroethene	0.0200	0.0211	105	80-123	
cis-1,3-Dichloropropene	0.0200	0.0196	98	72-120	
Cyclohexane	0.0200	0.0229	114	80-132	
Dichlorobromomethane	0.0200	0.0224	112	73-124	
Dichlorodifluoromethane	0.0200	0.0148	74	40-146	
Ethylbenzene	0.0200	0.0191	95	80-120	
Ethylene Dibromide	0.0200	0.0196	98	79-120	
Isopropylbenzene	0.0200	0.0192	96	80-120	
Methyl acetate	0.0400	0.0295	74	58-143	
Methyl tert-butyl ether	0.0200	0.0215	108	80-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K25575.D

Lab ID: LCS 460-775117/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	0.0200	0.0223	112	79-133	
Methylene Chloride	0.0200	0.0215	107	76-127	
m-Xylene & p-Xylene	0.0200	0.0187	93	80-120	
n-Butylbenzene	0.0200	0.0220	110	77-123	
N-Propylbenzene	0.0200	0.0225	113	78-120	
o-Xylene	0.0200	0.0194	97	80-120	
sec-Butylbenzene	0.0200	0.0218	109	78-120	
Styrene	0.0200	0.0192	96	80-120	
tert-Butylbenzene	0.0200	0.0199	99	76-120	
Tetrachloroethene	0.0200	0.0151	75	78-123	*
Toluene	0.0200	0.0190	95	80-120	
trans-1,2-Dichloroethene	0.0200	0.0212	106	78-128	
trans-1,3-Dichloropropene	0.0200	0.0200	100	68-120	
Trichloroethene	0.0200	0.0218	109	79-120	
Trichlorofluoromethane	0.0200	0.0180	90	67-142	
Vinyl chloride	0.0200	0.0155	78	56-147	
Xylenes, Total	0.0400	0.0380	95	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B71507.D

Lab ID: LCSD 460-774667/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0218	109	7	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0156	78	8	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0212	106	8	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0177	89	8	30	75-120	
1,1-Dichloroethane	0.0200	0.0167	84	9	30	76-129	
1,1-Dichloroethene	0.0200	0.0208	104	9	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0245	122	8	30	65-144	
1,2,4-Trichlorobenzene	0.0200	0.0238	119	10	30	75-120	
1,2,4-Trimethylbenzene	0.0200	0.0179	90	6	30	79-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0244	122	13	30	60-126	
1,2-Dichlorobenzene	0.0200	0.0198	99	7	30	80-120	
1,2-Dichloroethane	0.0200	0.0191	95	5	30	70-132	
1,2-Dichloropropane	0.0200	0.0159	80	4	30	73-124	
1,3,5-Trimethylbenzene	0.0200	0.0177	89	6	30	79-120	
1,3-Dichlorobenzene	0.0200	0.0196	98	8	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0196	98	5	30	80-120	
2-Butanone (MEK)	0.100	0.107	107	7	30	75-120	
2-Hexanone	0.100	0.0801	80	2	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0823	82	3	30	80-122	
Acetone	0.100	0.102	102	10	30	63-131	
Benzene	0.0200	0.0183	91	8	30	80-123	
Bromoform	0.0200	0.0232	116	2	30	48-142	
Bromomethane	0.0200	0.0209	105	14	30	46-150	
Carbon disulfide	0.0200	0.0192	96	8	30	67-136	
Carbon tetrachloride	0.0200	0.0229	115	6	30	72-136	
Chlorobenzene	0.0200	0.0198	99	3	30	80-120	
Chlorobromomethane	0.0200	0.0225	113	4	30	76-127	
Chlorodibromomethane	0.0200	0.0216	108	6	30	62-128	
Chloroethane	0.0200	0.0177	88	11	30	49-150	
Chloroform	0.0200	0.0195	98	9	30	79-126	
Chloromethane	0.0200	0.0172	86	14	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0205	103	6	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0177	89	7	30	72-120	
Cyclohexane	0.0200	0.0191	96	7	30	80-132	
Dichlorobromomethane	0.0200	0.0192	96	11	30	73-124	
Dichlorodifluoromethane	0.0200	0.0191	95	9	30	40-146	
Ethylbenzene	0.0200	0.0201	101	4	30	80-120	
Ethylene Dibromide	0.0200	0.0197	98	12	30	79-120	
Isopropylbenzene	0.0200	0.0210	105	6	30	80-120	
Methyl acetate	0.0400	0.0342	86	5	30	58-143	
Methyl tert-butyl ether	0.0200	0.0177	89	9	30	80-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B71507.D

Lab ID: LCSD 460-774667/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	0.0200	0.0193	96	5	30	79-133	
Methylene Chloride	0.0200	0.0193	96	12	30	76-127	
m-Xylene & p-Xylene	0.0200	0.0203	102	4	30	80-120	
n-Butylbenzene	0.0200	0.0168	84	7	30	77-123	
N-Propylbenzene	0.0200	0.0181	90	5	30	78-120	
o-Xylene	0.0200	0.0203	101	4	30	80-120	
sec-Butylbenzene	0.0200	0.0176	88	7	30	78-120	
Styrene	0.0200	0.0189	94	4	30	80-120	
tert-Butylbenzene	0.0200	0.0197	98	5	30	76-120	
Tetrachloroethene	0.0200	0.0236	118	2	30	78-123	
Toluene	0.0200	0.0179	90	9	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0214	107	3	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0179	89	4	30	68-120	
Trichloroethene	0.0200	0.0202	101	2	30	79-120	
Trichlorofluoromethane	0.0200	0.0242	121	13	30	67-142	
Vinyl chloride	0.0200	0.0204	102	9	30	56-147	
Xylenes, Total	0.0400	0.0406	101	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K25576.D

Lab ID: LCSD 460-775117/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0228	114	7	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0213	107	3	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0241	121	9	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0189	95	6	30	75-120	
1,1-Dichloroethane	0.0200	0.0230	115	6	30	76-129	
1,1-Dichloroethene	0.0200	0.0228	114	9	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0164	82	1	30	65-144	
1,2,4-Trichlorobenzene	0.0200	0.0169	84	4	30	75-120	
1,2,4-Trimethylbenzene	0.0200	0.0220	110	6	30	79-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0178	89	0	30	60-126	
1,2-Dichlorobenzene	0.0200	0.0184	92	0	30	80-120	
1,2-Dichloroethane	0.0200	0.0208	104	2	30	70-132	
1,2-Dichloropropane	0.0200	0.0213	107	1	30	73-124	
1,3,5-Trimethylbenzene	0.0200	0.0217	109	7	30	79-120	
1,3-Dichlorobenzene	0.0200	0.0186	93	1	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0182	91	1	30	80-120	
2-Butanone (MEK)	0.100	0.0898	90	4	30	75-120	
2-Hexanone	0.100	0.0914	91	4	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0963	96	1	30	80-122	
Acetone	0.100	0.0852	85	3	30	63-131	
Benzene	0.0200	0.0200	100	2	30	80-123	
Bromoform	0.0200	0.0166	83	4	30	48-142	
Bromomethane	0.0200	0.0191	95	9	30	46-150	
Carbon disulfide	0.0200	0.0242	121	11	30	67-136	
Carbon tetrachloride	0.0200	0.0236	118	5	30	72-136	
Chlorobenzene	0.0200	0.0187	94	0	30	80-120	
Chlorobromomethane	0.0200	0.0199	99	1	30	76-127	
Chlorodibromomethane	0.0200	0.0181	91	5	30	62-128	
Chloroethane	0.0200	0.0162	81	2	30	49-150	
Chloroform	0.0200	0.0223	111	2	30	79-126	
Chloromethane	0.0200	0.0141	70	7	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0225	113	7	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0186	93	5	30	72-120	
Cyclohexane	0.0200	0.0244	122	7	30	80-132	
Dichlorobromomethane	0.0200	0.0223	112	0	30	73-124	
Dichlorodifluoromethane	0.0200	0.0155	78	5	30	40-146	
Ethylbenzene	0.0200	0.0199	99	4	30	80-120	
Ethylene Dibromide	0.0200	0.0183	91	7	30	79-120	
Isopropylbenzene	0.0200	0.0200	100	5	30	80-120	
Methyl acetate	0.0400	0.0292	73	1	30	58-143	
Methyl tert-butyl ether	0.0200	0.0218	109	1	30	80-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K25576.D

Lab ID: LCSD 460-775117/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	0.0200	0.0238	119	7	30	79-133	
Methylene Chloride	0.0200	0.0214	107	0	30	76-127	
m-Xylene & p-Xylene	0.0200	0.0194	97	4	30	80-120	
n-Butylbenzene	0.0200	0.0238	119	8	30	77-123	
N-Propylbenzene	0.0200	0.0235	118	4	30	78-120	
o-Xylene	0.0200	0.0197	98	2	30	80-120	
sec-Butylbenzene	0.0200	0.0233	117	7	30	78-120	
Styrene	0.0200	0.0190	95	1	30	80-120	
tert-Butylbenzene	0.0200	0.0202	101	2	30	76-120	
Tetrachloroethene	0.0200	0.0163	81	8	30	78-123	
Toluene	0.0200	0.0196	98	3	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0222	111	5	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0190	95	5	30	68-120	
Trichloroethene	0.0200	0.0218	109	0	30	79-120	
Trichlorofluoromethane	0.0200	0.0191	95	6	30	67-142	
Vinyl chloride	0.0200	0.0166	83	6	30	56-147	
Xylenes, Total	0.0400	0.0391	98	3	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab File ID: B71510.D Lab Sample ID: MB 460-774667/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS2 Date Analyzed: 04/29/2021 08:47

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-774667/4	B71506.D	04/29/2021 06:53
	LCSD 460-774667/5	B71507.D	04/29/2021 07:19
SB-02_4-6_20210427	460-233032-4	B71529.D	04/29/2021 16:50

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab File ID: K25579.D Lab Sample ID: MB 460-775117/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS9 Date Analyzed: 05/01/2021 00:13

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-775117/4	K25575.D	04/30/2021 22:28
	LCSD 460-775117/5	K25576.D	04/30/2021 23:03
	LB3 460-774534/1-A	K25580.D	05/01/2021 01:16
SB-01_0-2_20210427	460-233032-1	K25586.D	05/01/2021 03:37
SB-01_4-6_20210427	460-233032-2	K25587.D	05/01/2021 04:01
SB-02_0-2_20210427	460-233032-3	K25588.D	05/01/2021 04:24
SB-05_0-2_20210427	460-233032-5	K25589.D	05/01/2021 04:48
SB-05_3-5_20210427	460-233032-6	K25590.D	05/01/2021 05:11
SB-06_0-2_20210427	460-233032-7	K25591.D	05/01/2021 05:35
SB-06_6-8_20210427	460-233032-8	K25592.D	05/01/2021 05:58

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab File ID: B69790.D BFB Injection Date: 03/11/2021

Instrument ID: CVOAMS2 BFB Injection Time: 08:42

Analysis Batch No.: 763993

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	106.3
96	5 - 9% of m/z 95	6.3
173	Less than 2% of m/z 174	1.4
174	50 - 200% of m/z 95	94.1
175	5 - 9% of m/z 174	7.5
176	95 -105% of m/z 174	96.0
177	5 - 10% of m/z 176	6.7

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-763993/4	B69793.D	03/11/2021	9:56
	STD5 460-763993/5	B69794.D	03/11/2021	10:21
	STD20 460-763993/6	B69795.D	03/11/2021	10:46
	STD50 460-763993/7	B69796.D	03/11/2021	11:12
	STD200 460-763993/8	B69797.D	03/11/2021	11:37
	STD500 460-763993/9	B69798.D	03/11/2021	12:03
	ICV 460-763993/16	B69805.D	03/11/2021	15:01

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab File ID: B71503.D BFB Injection Date: 04/29/2021

Instrument ID: CVOAMS2 BFB Injection Time: 05:01

Analysis Batch No.: 774667

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	88.2
96	5 - 9% of m/z 95	6.9
173	Less than 2% of m/z 174	1.0
174	50 - 200% of m/z 95	113.3
175	5 - 9% of m/z 174	7.7
176	95 -105% of m/z 174	98.2
177	5 - 10% of m/z 176	6.7

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-774667/3	B71505.D	04/29/2021	6:17
	LCS 460-774667/4	B71506.D	04/29/2021	6:53
	LCSD 460-774667/5	B71507.D	04/29/2021	7:19
	MB 460-774667/8	B71510.D	04/29/2021	8:47
SB-02_4-6_20210427	460-233032-4	B71529.D	04/29/2021	16:50

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab File ID: K24317.D BFB Injection Date: 04/01/2021

Instrument ID: CVOAMS9 BFB Injection Time: 11:05

Analysis Batch No.: 768838

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	104.8
96	5 - 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.8
174	50 - 200% of m/z 95	95.4
175	5 - 9% of m/z 174	7.6
176	95 -105% of m/z 174	98.6
177	5 - 10% of m/z 176	6.7

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-768838/3	K24319.D	04/01/2021	11:50
	STD5 460-768838/4	K24320.D	04/01/2021	12:14
	STD20 460-768838/5	K24321.D	04/01/2021	12:37
	STD50 460-768838/6	K24322.D	04/01/2021	13:01
	STD200 460-768838/7	K24323.D	04/01/2021	13:24
	STD500 460-768838/8	K24324.D	04/01/2021	13:48
	ICV 460-768838/14	K24330.D	04/01/2021	17:22

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab File ID: K25572.D BFB Injection Date: 04/30/2021

Instrument ID: CVOAMS9 BFB Injection Time: 20:45

Analysis Batch No.: 775117

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	145.3
96	5 - 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.7
174	50 - 200% of m/z 95	68.8
175	5 - 9% of m/z 174	6.0
176	95 -105% of m/z 174	96.7
177	5 - 10% of m/z 176	5.9

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-775117/3	K25574.D	04/30/2021	22:04
	LCS 460-775117/4	K25575.D	04/30/2021	22:28
	LCSD 460-775117/5	K25576.D	04/30/2021	23:03
	MB 460-775117/8	K25579.D	05/01/2021	0:13
	LB3 460-774534/1-A	K25580.D	05/01/2021	1:16
SB-01_0-2_20210427	460-233032-1	K25586.D	05/01/2021	3:37
SB-01_4-6_20210427	460-233032-2	K25587.D	05/01/2021	4:01
SB-02_0-2_20210427	460-233032-3	K25588.D	05/01/2021	4:24
SB-05_0-2_20210427	460-233032-5	K25589.D	05/01/2021	4:48
SB-05_3-5_20210427	460-233032-6	K25590.D	05/01/2021	5:11
SB-06_0-2_20210427	460-233032-7	K25591.D	05/01/2021	5:35
SB-06_6-8_20210427	460-233032-8	K25592.D	05/01/2021	5:58

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: STD20 460-763993/6 Date Analyzed: 03/11/2021 10:46

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B69795.D Heated Purge: (Y/N) Y

Calibration ID: 84047

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		230269	1.64	255032	2.43	582145	3.52
UPPER LIMIT		460538	2.14	510064	2.93	1164290	4.02
LOWER LIMIT		115135	1.14	127516	1.93	291073	3.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-763993/16		244679	1.65	256927	2.45	589123	3.53

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: STD20 460-763993/6 Date Analyzed: 03/11/2021 10:46

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B69795.D Heated Purge: (Y/N) Y

Calibration ID: 84047

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		16065	4.36	466438	7.96	282516	12.28
UPPER LIMIT		32130	4.86	932876	8.46	565032	12.78
LOWER LIMIT		8033	3.86	233219	7.46	141258	11.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-763993/16		12205	4.36	468413	7.96	277680	12.28

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: CCVIS 460-774667/3 Date Analyzed: 04/29/2021 06:17

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B71505.D Heated Purge: (Y/N) Y

Calibration ID: 84047

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		315898	1.64	226271	2.39	584457	3.46
UPPER LIMIT		631796	2.14	452542	2.89	1168914	3.96
LOWER LIMIT		157949	1.14	113136	1.89	292229	2.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-774667/4		351527	1.62	226585	2.39	542508	3.46
LCSD 460-774667/5		362364	1.62	245348	2.40	617908	3.47
MB 460-774667/8		297316	1.62	206105	2.39	537120	3.46
460-233032-4	SB-02_4-6_20210427	348366	1.62	257134	2.39	752451	3.46

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: CCVIS 460-774667/3 Date Analyzed: 04/29/2021 06:17

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B71505.D Heated Purge: (Y/N) Y

Calibration ID: 84047

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		28497	4.27	473995	7.85	335640	12.17
UPPER LIMIT		56994	4.77	947990	8.35	671280	12.67
LOWER LIMIT		14249	3.77	236998	7.35	167820	11.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-774667/4		28904	4.26	429233	7.85	295619	12.18
LCSD 460-774667/5		31226	4.28	494460	7.86	346083	12.18
MB 460-774667/8		22582	4.28	441174	7.85	292861	12.18
460-233032-4	SB-02_4-6_20210427	27904	4.28	586927	7.86	380523	12.18

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: STD20 460-768838/5 Date Analyzed: 04/01/2021 12:37

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K24321.D Heated Purge: (Y/N) Y

Calibration ID: 84411

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		676639	2.57	389338	3.60	665693	4.91
UPPER LIMIT		1353278	3.07	778676	4.10	1331386	5.41
LOWER LIMIT		338320	2.07	194669	3.10	332847	4.41
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-768838/14		724539	2.60	386490	3.61	693474	4.91

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: STD20 460-768838/5 Date Analyzed: 04/01/2021 12:37

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K24321.D Heated Purge: (Y/N) Y

Calibration ID: 84411

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		48797	5.75	574536	9.05	372502	11.84
UPPER LIMIT		97594	6.25	1149072	9.55	745004	12.34
LOWER LIMIT		24399	5.25	287268	8.55	186251	11.34
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-768838/14		48327	5.75	606640	9.05	399080	11.84

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: CCVIS 460-775117/3 Date Analyzed: 04/30/2021 22:04

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K25574.D Heated Purge: (Y/N) Y

Calibration ID: 84411

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		791430	2.59	464492	3.58	721115	4.89
UPPER LIMIT		1582860	3.09	928984	4.08	1442230	5.39
LOWER LIMIT		395715	2.09	232246	3.08	360558	4.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-775117/4		868883	2.55	424742	3.57	660438	4.89
LCSD 460-775117/5		846292	2.59	406130	3.59	654479	4.90
MB 460-775117/8		747799	2.59	407185	3.57	614721	4.89
LB3 460-774534/1-A		626466	2.57	313747	3.57	603345	4.89
460-233032-1	SB-01_0-2_20210427	726892	2.59	389195	3.57	633619	4.89
460-233032-2	SB-01_4-6_20210427	638142	2.58	353810	3.57	641665	4.89
460-233032-3	SB-02_0-2_20210427	709729	2.57	350520	3.56	652329	4.88
460-233032-5	SB-05_0-2_20210427	645866	2.58	346880	3.58	629255	4.89
460-233032-6	SB-05_3-5_20210427	694805	2.58	341261	3.57	620412	4.90
460-233032-7	SB-06_0-2_20210427	671261	2.55	368804	3.56	639601	4.88
460-233032-8	SB-06_6-8_20210427	680269	2.57	335387	3.56	608148	4.89

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: CCVIS 460-775117/3 Date Analyzed: 04/30/2021 22:04

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K25574.D Heated Purge: (Y/N) Y

Calibration ID: 84411

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		44352	5.71	712794	9.03	400192	11.83
UPPER LIMIT		88704	6.21	1425588	9.53	800384	12.33
LOWER LIMIT		22176	5.21	356397	8.53	200096	11.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-775117/4		61282	5.72	641936	9.03	372042	11.83
LCSD 460-775117/5		53800	5.71	633511	9.03	363291	11.83
MB 460-775117/8		37300	5.72	597112	9.03	358146	11.83
LB3 460-774534/1-A		40613	5.72	547232	9.03	311378	11.82
460-233032-1	SB-01_0-2_20210427	40143	5.72	616283	9.03	368591	11.83
460-233032-2	SB-01_4-6_20210427	32216	5.72	625133	9.03	361015	11.83
460-233032-3	SB-02_0-2_20210427	43093	5.73	624939	9.03	354497	11.83
460-233032-5	SB-05_0-2_20210427	32701	5.74	600654	9.03	343520	11.83
460-233032-6	SB-05_3-5_20210427	41969	5.74	597402	9.03	360346	11.83
460-233032-7	SB-06_0-2_20210427	32970	5.71	616826	9.03	357086	11.83
460-233032-8	SB-06_6-8_20210427	43925	5.72	592480	9.03	355813	11.83

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-01_0-2_20210427 Lab Sample ID: 460-233032-1

Matrix: Solid Lab File ID: K25586.D

Analysis Method: 8260D Date Collected: 04/27/2021 09:15

Sample wt/vol: 3.93(g) Date Analyzed: 05/01/2021 03:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.9 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035
79-34-5	1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00032
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00046
79-00-5	1,1,2-Trichloroethane	0.0015	U	0.0015	0.00027
75-34-3	1,1-Dichloroethane	0.0015	U	0.0015	0.00031
75-35-4	1,1-Dichloroethene	0.0015	U	0.0015	0.00034
87-61-6	1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.00027
120-82-1	1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00054
95-63-6	1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00037
96-12-8	1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00070
95-50-1	1,2-Dichlorobenzene	0.0015	U	0.0015	0.00055
107-06-2	1,2-Dichloroethane	0.0015	U	0.0015	0.00045
78-87-5	1,2-Dichloropropane	0.0015	U	0.0015	0.00064
108-67-8	1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00048
541-73-1	1,3-Dichlorobenzene	0.0015	U	0.0015	0.00055
106-46-7	1,4-Dichlorobenzene	0.0015	U	0.0015	0.00034
78-93-3	2-Butanone (MEK)	0.0076	U	0.0076	0.00056
591-78-6	2-Hexanone	0.0076	U	0.0076	0.0026
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0076	U	0.0076	0.0024
67-64-1	Acetone	0.0091	U	0.0091	0.0087
71-43-2	Benzene	0.0015	U	0.0015	0.00039
75-25-2	Bromoform	0.0015	U	0.0015	0.00064
74-83-9	Bromomethane	0.0030	U	0.0030	0.0015
75-15-0	Carbon disulfide	0.0015	U	0.0015	0.00040
56-23-5	Carbon tetrachloride	0.0015	U	0.0015	0.00059
108-90-7	Chlorobenzene	0.0015	U	0.0015	0.00027
74-97-5	Chlorobromomethane	0.0015	U	0.0015	0.00043
124-48-1	Chlorodibromomethane	0.0015	U	0.0015	0.00029
75-00-3	Chloroethane	0.0015	U	0.0015	0.00079
67-66-3	Chloroform	0.0015	U	0.0015	0.0015
74-87-3	Chloromethane	0.0015	U	0.0015	0.00066
156-59-2	cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00054
10061-01-5	cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00041
110-82-7	Cyclohexane	0.0015	U	0.0015	0.00033
75-27-4	Dichlorobromomethane	0.0015	U	0.0015	0.00039

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-01_0-2_20210427 Lab Sample ID: 460-233032-1

Matrix: Solid Lab File ID: K25586.D

Analysis Method: 8260D Date Collected: 04/27/2021 09:15

Sample wt/vol: 3.93(g) Date Analyzed: 05/01/2021 03:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.9 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0015	U	0.0015	0.00051
100-41-4	Ethylbenzene	0.0015	U	0.0015	0.00030
106-93-4	Ethylene Dibromide	0.0015	U	0.0015	0.00027
98-82-8	Isopropylbenzene	0.0015	U	0.0015	0.00043
79-20-9	Methyl acetate	0.0076	U	0.0076	0.0065
1634-04-4	Methyl tert-butyl ether	0.0015	U	0.0015	0.00077
108-87-2	Methylcyclohexane	0.0015	U	0.0015	0.00076
75-09-2	Methylene Chloride	0.0030	U	0.0030	0.0017
179601-23-1	m-Xylene & p-Xylene	0.0015	U	0.0015	0.00026
104-51-8	n-Butylbenzene	0.0015	U	0.0015	0.00044
103-65-1	N-Propylbenzene	0.0015	U	0.0015	0.00026
95-47-6	o-Xylene	0.0015	U	0.0015	0.00029
135-98-8	sec-Butylbenzene	0.0015	U	0.0015	0.00044
100-42-5	Styrene	0.0015	U	0.0015	0.00042
98-06-6	tert-Butylbenzene	0.0015	U	0.0015	0.00042
127-18-4	Tetrachloroethene	0.0015	U *	0.0015	0.00046
108-88-3	Toluene	0.0015	U	0.0015	0.00035
156-60-5	trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00037
10061-02-6	trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00040
79-01-6	Trichloroethene	0.0015	U	0.0015	0.00049
75-69-4	Trichlorofluoromethane	0.0015	U	0.0015	0.00061
75-01-4	Vinyl chloride	0.0015	U	0.0015	0.00083
1330-20-7	Xylenes, Total	0.0030	U	0.0030	0.00097

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		77-145
460-00-4	4-Bromofluorobenzene	86		70-139
1868-53-7	Dibromofluoromethane (Surr)	121		48-150
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25586.D
Lims ID: 460-233032-C-1-A
Client ID: SB-01_0-2_20210427
Sample Type: Client
Inject. Date: 01-May-2021 03:37:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233032-C-1-A
Misc. Info.: 460-0127904-015
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-May-2021 10:43:41 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: starzecm Date: 01-May-2021 10:43:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.593	2.587	0.006	94	726892	1000.0	a
* 42 2-Butanone-d5	46	3.569	3.575	-0.006	97	389195	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.137	4.142	-0.005	96	266452	60.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.497	4.497	0.000	0	251864	60.1	
* 66 Fluorobenzene	96	4.890	4.890	0.000	99	633619	50.0	
* 73 1,4-Dioxane-d8	96	5.719	5.714	0.005	97	40143	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.925	6.925	0.000	99	1022233	52.9	
88 Tetrachloroethene	166	7.787	7.787	0.000	64	1108	0.2621	
* 94 Chlorobenzene-d5	117	9.026	9.031	-0.005	85	616283	50.0	
$ 105 4-Bromofluorobenzene	174	10.673	10.673	0.000	90	289733	42.8	
* 121 1,4-Dichlorobenzene-d4	152	11.825	11.825	0.000	96	368591	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

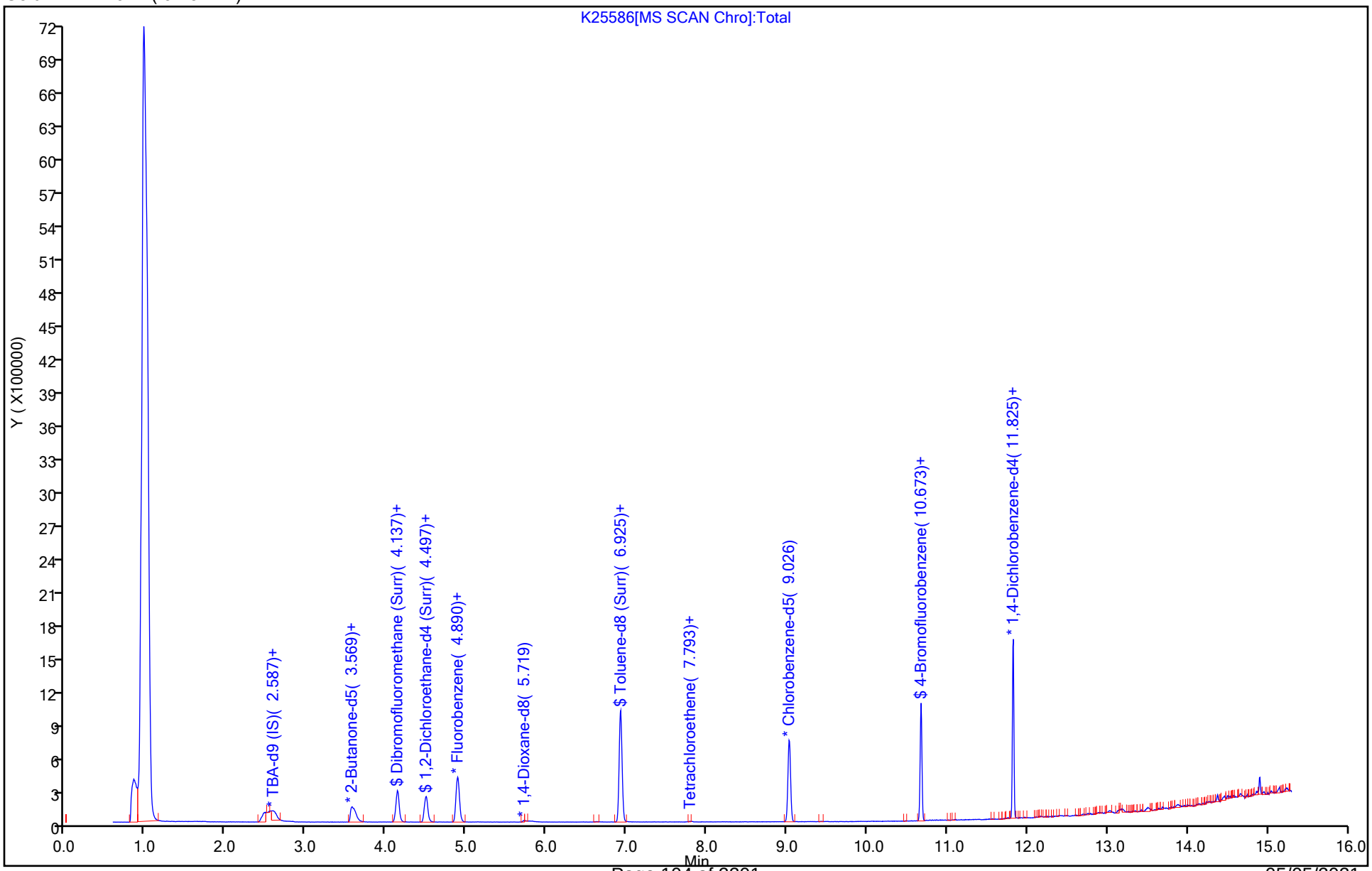
Report Date: 01-May-2021 10:43:48 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25586.D

Injection Date:	01-May-2021 03:37:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-233032-C-1-A	Lab Sample ID:	460-233032-1	Worklist Smp#:	15
Client ID:	SB-01_0-2_20210427				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



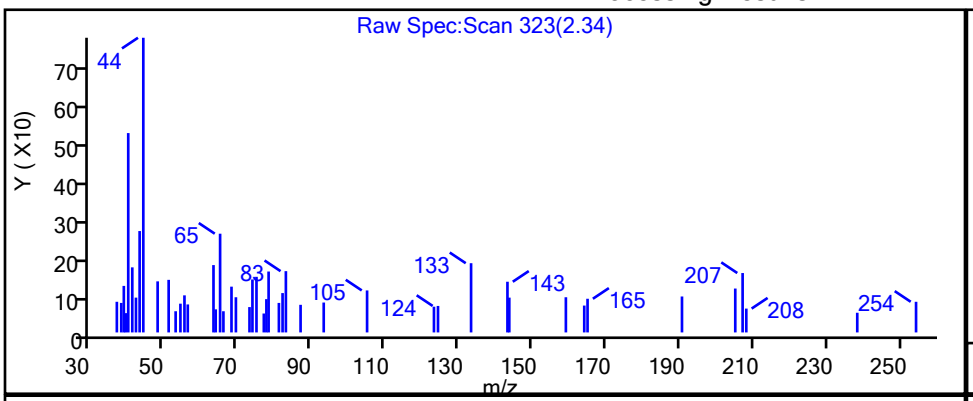
User Disabled Compound Report

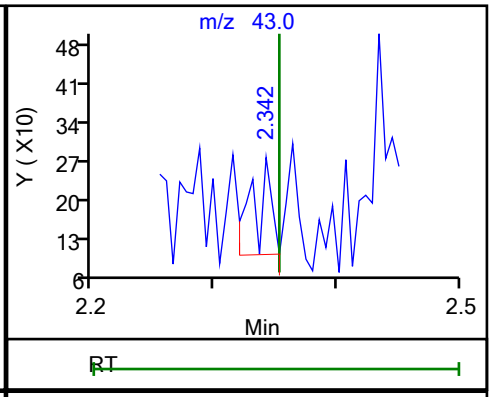
Eurofins TestAmerica, Edison

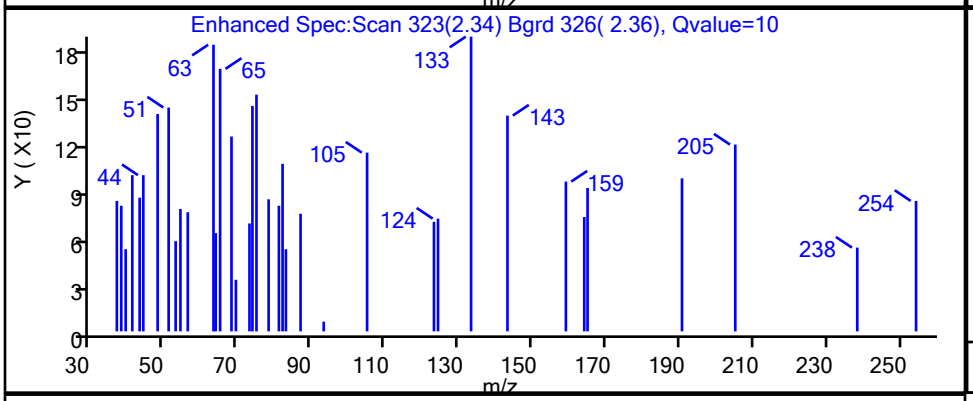
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25586.D				
Injection Date:	01-May-2021 03:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-233032-C-1-A	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

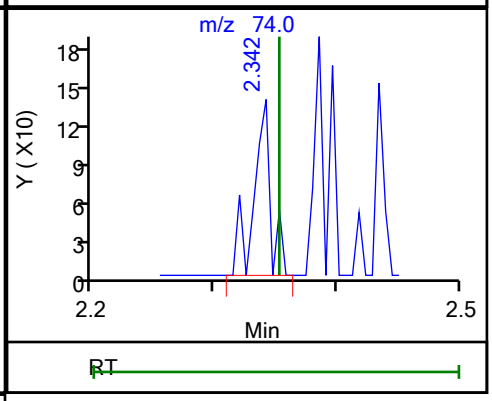
27 Methyl acetate, CAS: 79-20-9

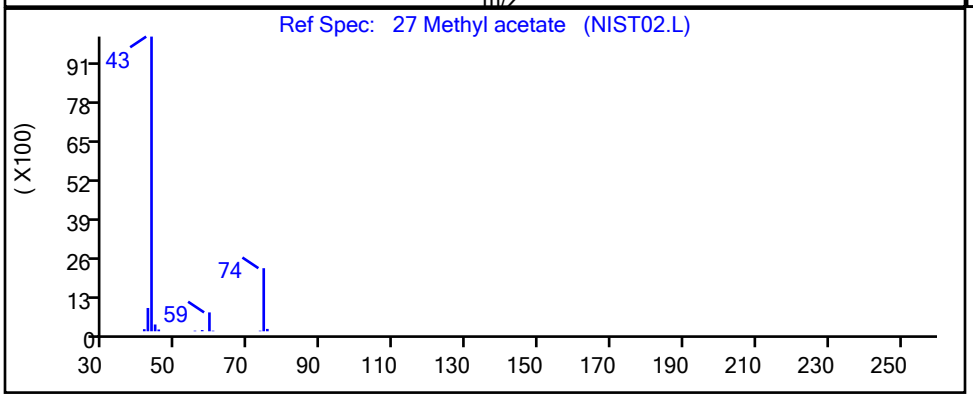
Processing Results











RT	Mass	Response	Amount
2.34	43.00	180	
2.34	74.00	135	

Reviewer: starzecm, 01-May-2021 10:43:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

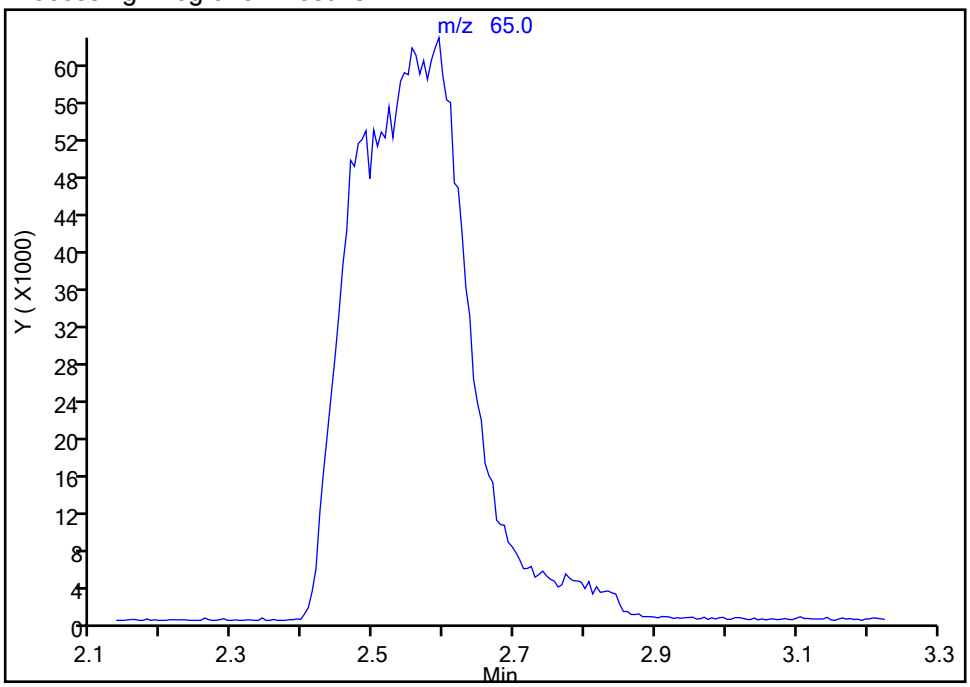
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25586.D		
Injection Date:	01-May-2021 03:37:30	Instrument ID:	CVOAMS9
Lims ID:	460-233032-C-1-A	Lab Sample ID:	460-233032-1
Client ID:	SB-01_0-2_20210427		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

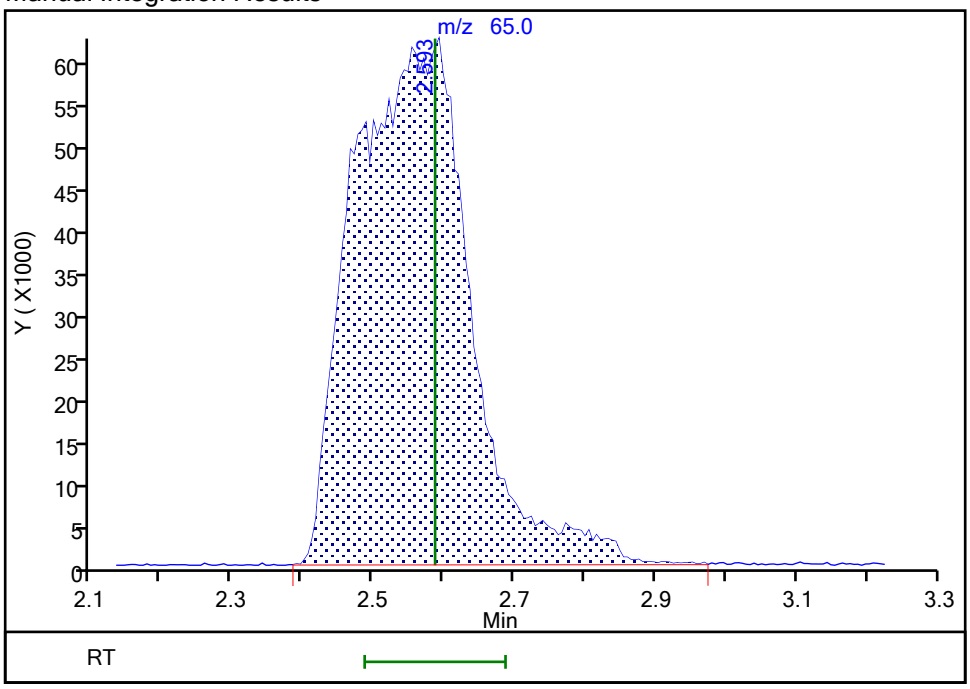
Processing Integration Results

Not Detected
Expected RT: 2.59



Manual Integration Results

RT: 2.59
Area: 726892
Amount: 1000.0000
Amount Units: ug/l



Reviewer: starzecm, 01-May-2021 10:43:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-01_4-6_20210427 Lab Sample ID: 460-233032-2

Matrix: Solid Lab File ID: K25587.D

Analysis Method: 8260D Date Collected: 04/27/2021 09:25

Sample wt/vol: 4.91(g) Date Analyzed: 05/01/2021 04:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 21.7 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030
79-34-5	1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00028
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039
79-00-5	1,1,2-Trichloroethane	0.0013	U	0.0013	0.00023
75-34-3	1,1-Dichloroethane	0.0013	U	0.0013	0.00027
75-35-4	1,1-Dichloroethene	0.0013	U	0.0013	0.00029
87-61-6	1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00024
120-82-1	1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047
95-63-6	1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00032
96-12-8	1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060
95-50-1	1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047
107-06-2	1,2-Dichloroethane	0.0013	U	0.0013	0.00038
78-87-5	1,2-Dichloropropane	0.0013	U	0.0013	0.00055
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00041
541-73-1	1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047
106-46-7	1,4-Dichlorobenzene	0.0013	U	0.0013	0.00029
78-93-3	2-Butanone (MEK)	0.0065	U	0.0065	0.00048
591-78-6	2-Hexanone	0.0065	U	0.0065	0.0022
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020
67-64-1	Acetone	0.0092		0.0078	0.0074
71-43-2	Benzene	0.0013	U	0.0013	0.00034
75-25-2	Bromoform	0.0013	U	0.0013	0.00055
74-83-9	Bromomethane	0.0026	U	0.0026	0.0013
75-15-0	Carbon disulfide	0.0013	U	0.0013	0.00035
56-23-5	Carbon tetrachloride	0.0013	U	0.0013	0.00050
108-90-7	Chlorobenzene	0.0013	U	0.0013	0.00023
74-97-5	Chlorobromomethane	0.0013	U	0.0013	0.00037
124-48-1	Chlorodibromomethane	0.0013	U	0.0013	0.00025
75-00-3	Chloroethane	0.0013	U	0.0013	0.00068
67-66-3	Chloroform	0.0013	U	0.0013	0.0013
74-87-3	Chloromethane	0.0013	U	0.0013	0.00057
156-59-2	cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047
10061-01-5	cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035
110-82-7	Cyclohexane	0.0013	U	0.0013	0.00029
75-27-4	Dichlorobromomethane	0.0013	U	0.0013	0.00033

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-01_4-6_20210427 Lab Sample ID: 460-233032-2

Matrix: Solid Lab File ID: K25587.D

Analysis Method: 8260D Date Collected: 04/27/2021 09:25

Sample wt/vol: 4.91(g) Date Analyzed: 05/01/2021 04:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 21.7 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0013	U	0.0013	0.00044
100-41-4	Ethylbenzene	0.0013	U	0.0013	0.00026
106-93-4	Ethylene Dibromide	0.0013	U	0.0013	0.00023
98-82-8	Isopropylbenzene	0.0013	U	0.0013	0.00037
79-20-9	Methyl acetate	0.0065	U	0.0065	0.0056
1634-04-4	Methyl tert-butyl ether	0.0013	U	0.0013	0.00067
108-87-2	Methylcyclohexane	0.0013	U	0.0013	0.00065
75-09-2	Methylene Chloride	0.0026	U	0.0026	0.0015
179601-23-1	m-Xylene & p-Xylene	0.0013	U	0.0013	0.00023
104-51-8	n-Butylbenzene	0.0013	U	0.0013	0.00038
103-65-1	N-Propylbenzene	0.0013	U	0.0013	0.00023
95-47-6	o-Xylene	0.0013	U	0.0013	0.00025
135-98-8	sec-Butylbenzene	0.0013	U	0.0013	0.00037
100-42-5	Styrene	0.0013	U	0.0013	0.00036
98-06-6	tert-Butylbenzene	0.0013	U	0.0013	0.00036
127-18-4	Tetrachloroethene	0.00047	J *	0.0013	0.00040
108-88-3	Toluene	0.0013	U	0.0013	0.00030
156-60-5	trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032
10061-02-6	trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035
79-01-6	Trichloroethene	0.0013	U	0.0013	0.00042
75-69-4	Trichlorofluoromethane	0.0013	U	0.0013	0.00053
75-01-4	Vinyl chloride	0.0013	U	0.0013	0.00071
1330-20-7	Xylenes, Total	0.0026	U	0.0026	0.00083

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		77-145
460-00-4	4-Bromofluorobenzene	81		70-139
1868-53-7	Dibromofluoromethane (Surr)	114		48-150
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25587.D
Lims ID: 460-233032-C-2-A
Client ID: SB-01_4-6_20210427
Sample Type: Client
Inject. Date: 01-May-2021 04:01:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233032-C-2-A
Misc. Info.: 460-0127904-016
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2021 13:26:34 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: starzecm Date: 01-May-2021 10:44:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.085	2.080	0.005	66	8380	7.09	M
* 30 TBA-d9 (IS)	65	2.582	2.587	-0.005	95	638142	1000.0	
* 42 2-Butanone-d5	46	3.569	3.575	-0.006	97	353810	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.142	4.142	0.000	96	254678	57.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.497	4.497	0.000	0	236304	55.7	
* 66 Fluorobenzene	96	4.890	4.890	0.000	99	641665	50.0	
69 Trichloroethene	95	5.321	5.332	-0.011	13	845	0.2618	
* 73 1,4-Dioxane-d8	96	5.719	5.714	0.005	93	32216	1000.0	M
$ 83 Toluene-d8 (Surr)	98	6.919	6.925	-0.006	99	1013409	51.7	
88 Tetrachloroethene	166	7.776	7.787	-0.011	62	1557	0.3631	a
* 94 Chlorobenzene-d5	117	9.026	9.031	-0.005	84	625133	50.0	
$ 105 4-Bromofluorobenzene	174	10.673	10.673	0.000	89	279368	40.7	
* 121 1,4-Dichlorobenzene-d4	152	11.825	11.825	0.000	96	361015	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

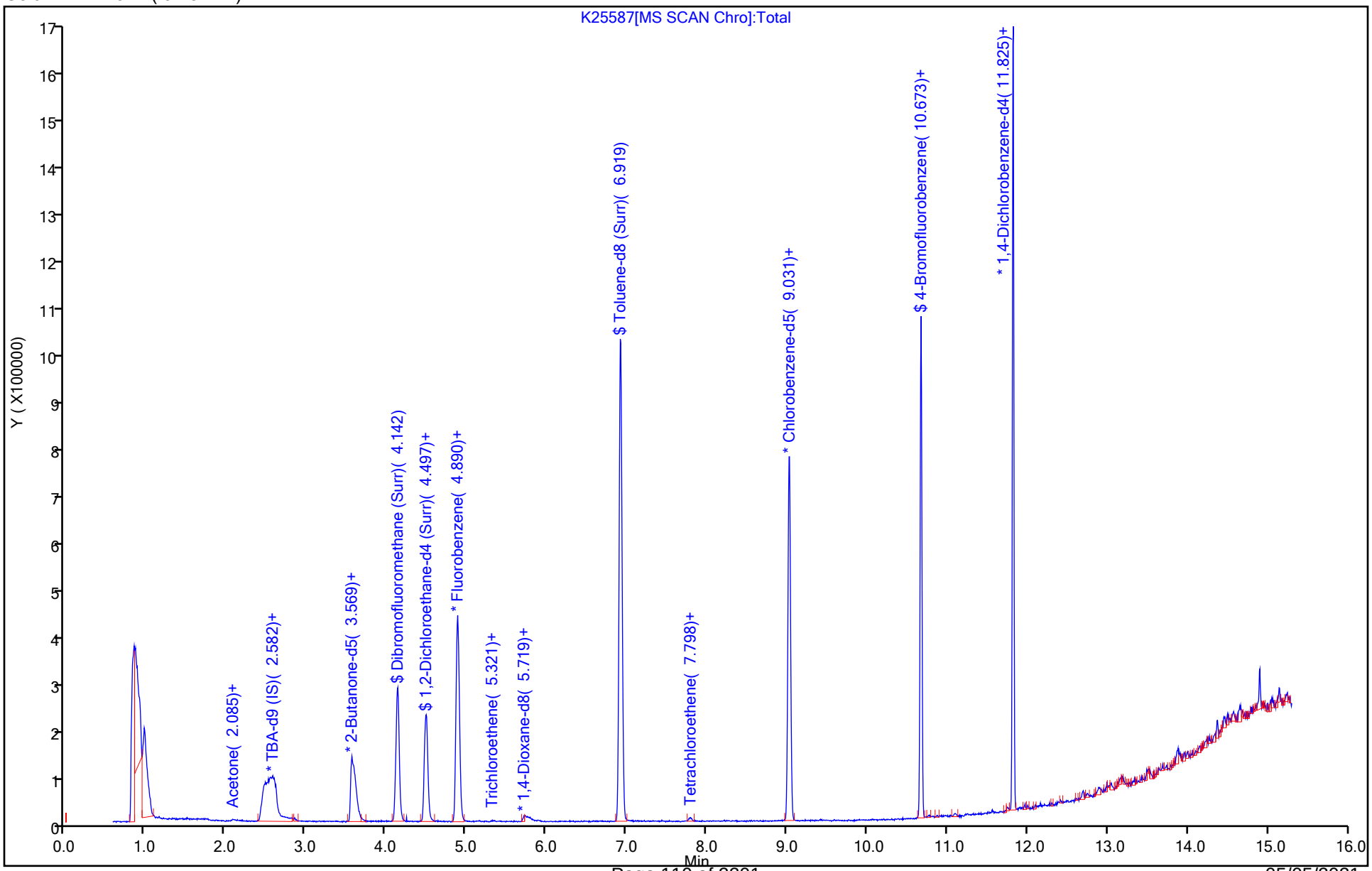
Report Date: 03-May-2021 13:26:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25587.D

Injection Date:	01-May-2021 04:01:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-233032-C-2-A	Lab Sample ID:	460-233032-2	Worklist Smp#:	16
Client ID:	SB-01_4-6_20210427				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

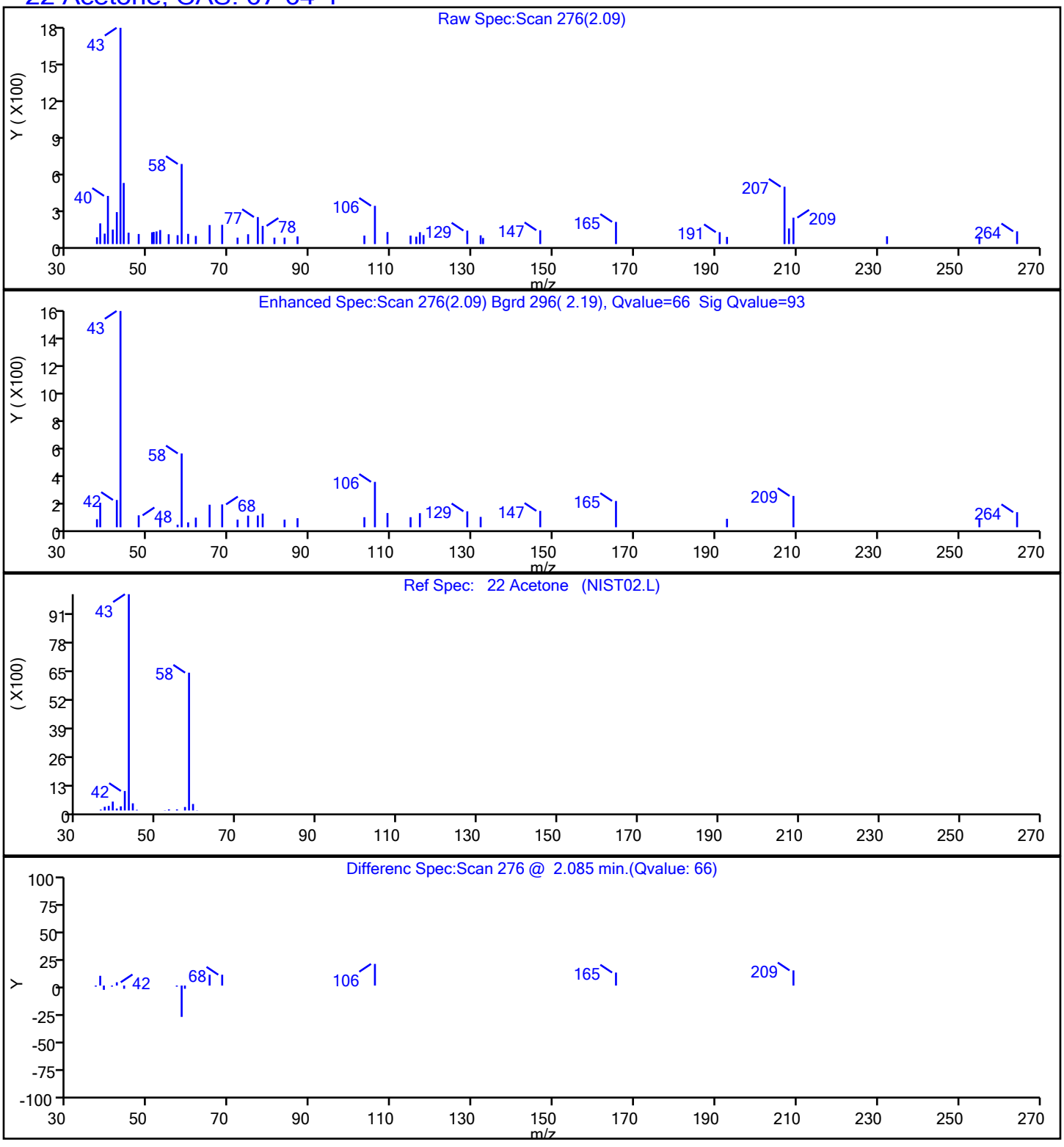
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25587.D				
Injection Date:	01-May-2021 04:01:30	Instrument ID:	CVOAMS9		
Lims ID:	460-233032-C-2-A	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

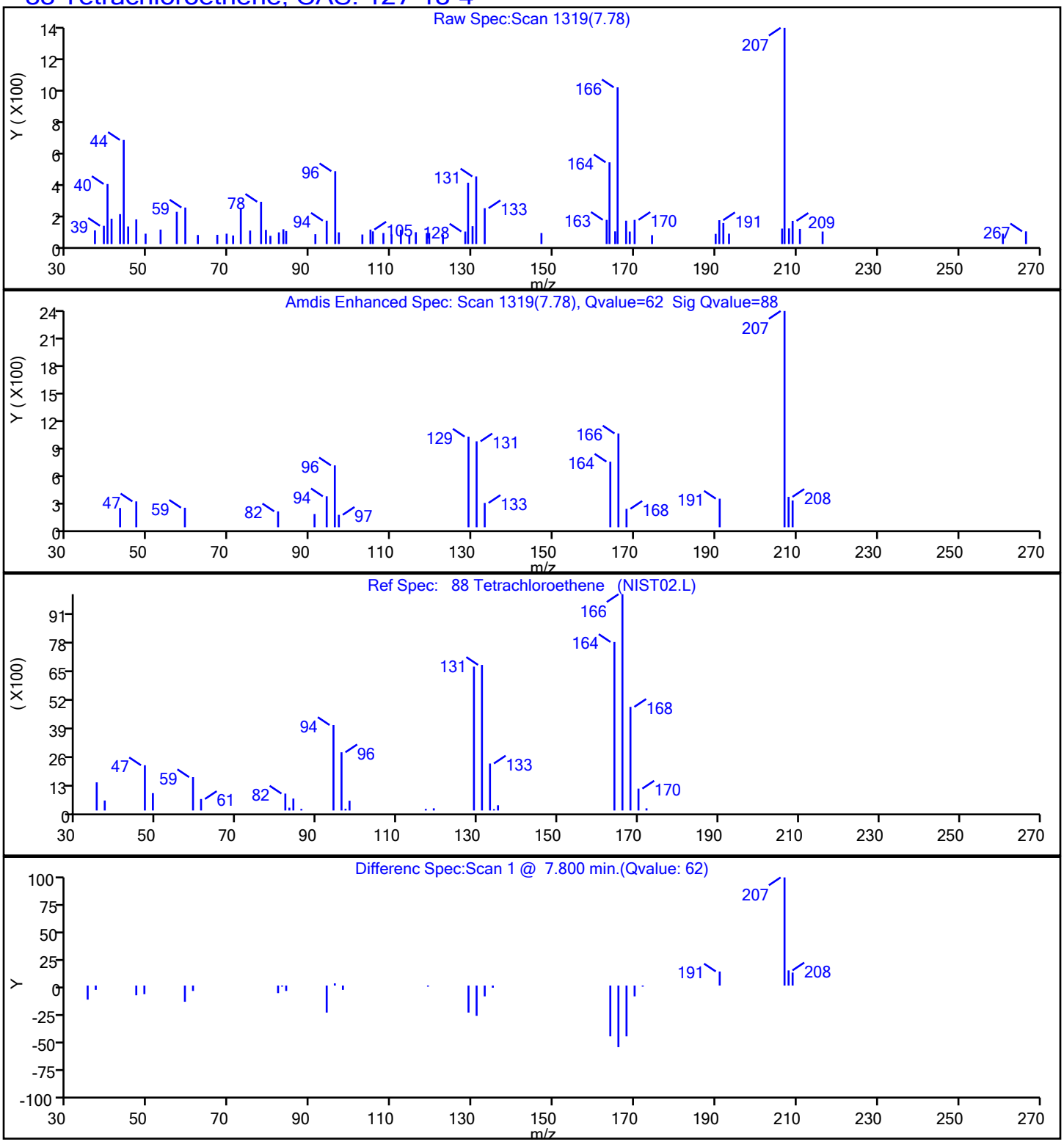
22 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25587.D				
Injection Date:	01-May-2021 04:01:30	Instrument ID:	CVOAMS9		
Lims ID:	460-233032-C-2-A	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 Tetrachloroethene, CAS: 127-18-4



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

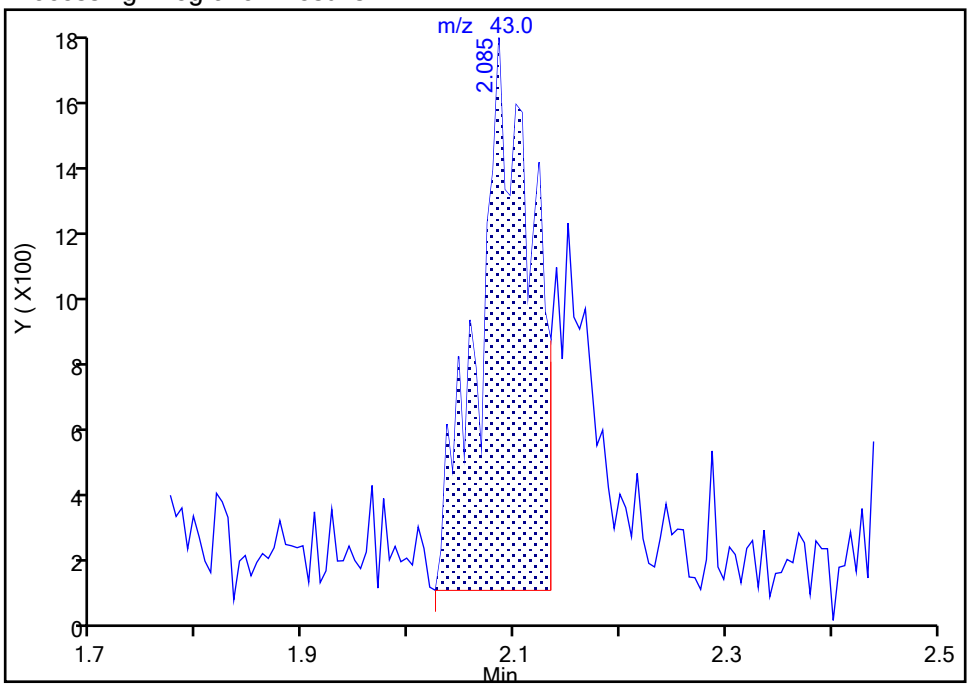
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25587.D				
Injection Date:	01-May-2021 04:01:30	Instrument ID:	CVOAMS9		
Lims ID:	460-233032-C-2-A	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1

Signal: 1

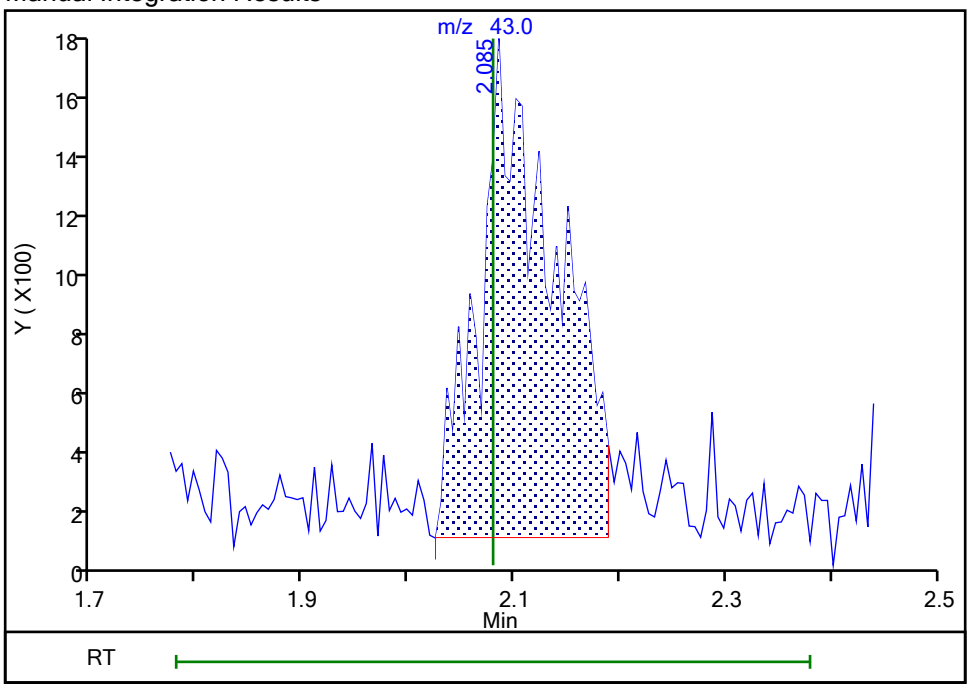
Processing Integration Results

RT: 2.09
Area: 6031
Amount: 5.101495
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 8380
Amount: 7.088464
Amount Units: ug/l



Reviewer: delpolitov, 03-May-2021 13:26:04

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

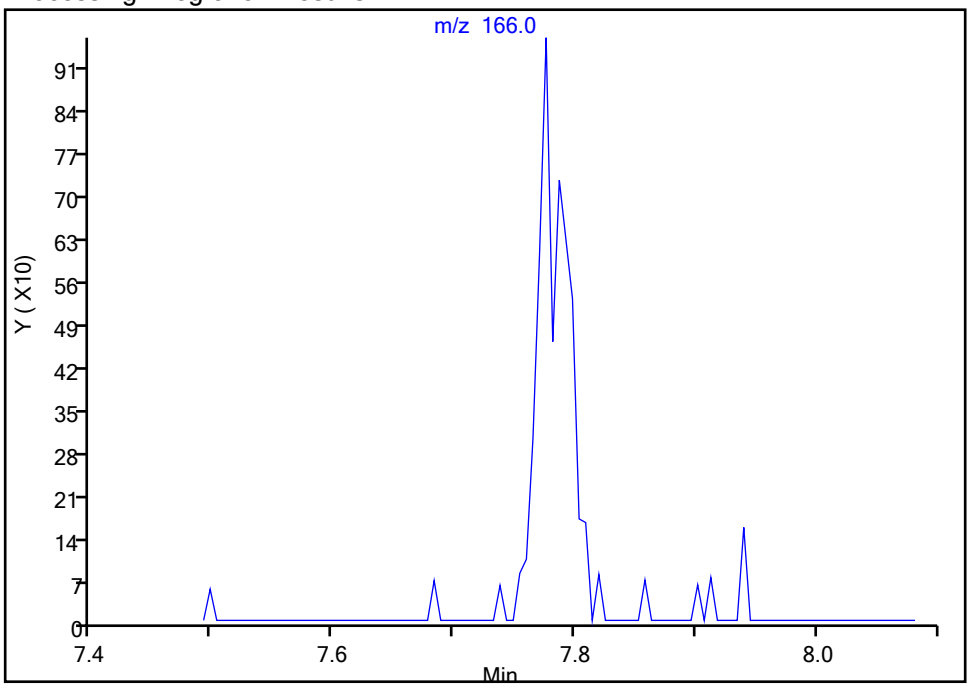
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25587.D				
Injection Date:	01-May-2021 04:01:30	Instrument ID:	CVOAMS9		
Lims ID:	460-233032-C-2-A	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 Tetrachloroethene, CAS: 127-18-4

Signal: 1

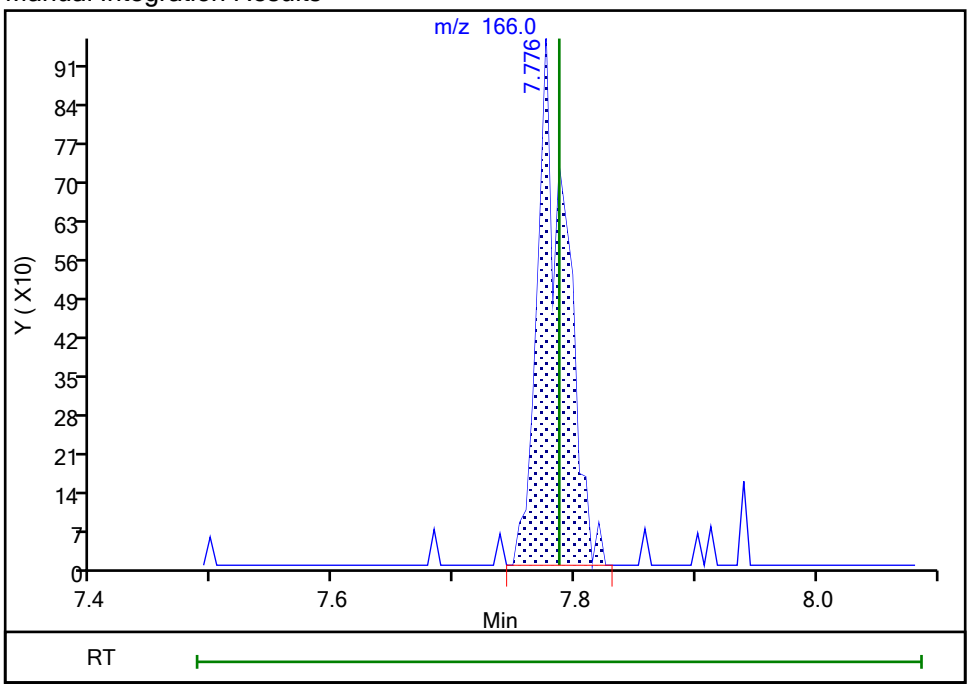
Not Detected
Expected RT: 7.79

Processing Integration Results



Manual Integration Results

RT: 7.78
Area: 1557
Amount: 0.363063
Amount Units: ug/l



Reviewer: delpolitov, 03-May-2021 13:26:22
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

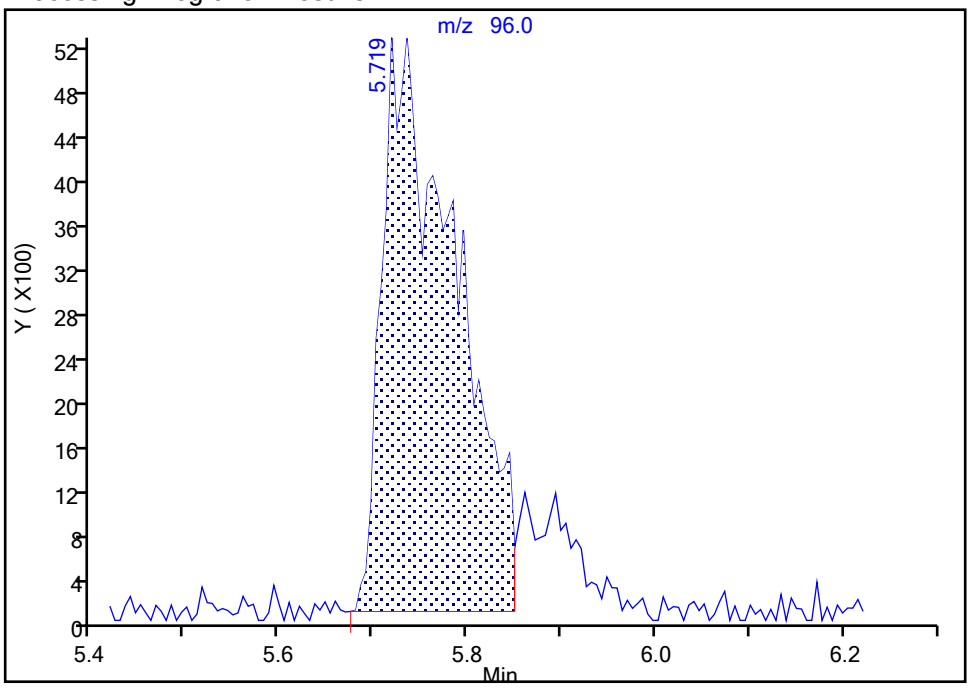
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25587.D				
Injection Date:	01-May-2021 04:01:30	Instrument ID:	CVOAMS9		
Lims ID:	460-233032-C-2-A	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

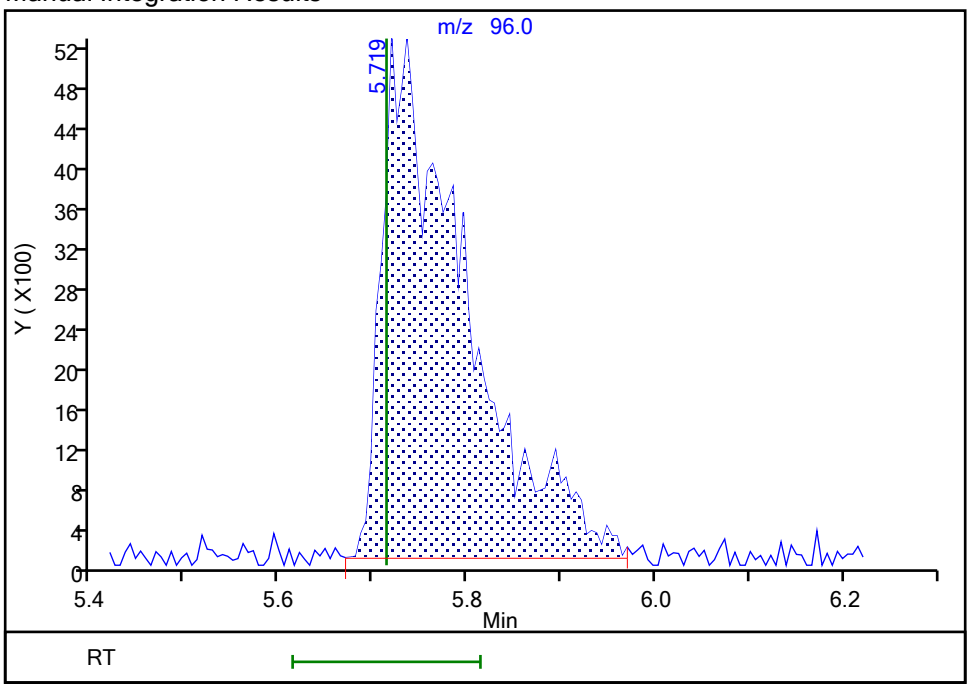
Processing Integration Results

RT: 5.72
Area: 28162
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.72
Area: 32216
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 03-May-2021 13:25:57

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-02_0-2_20210427 Lab Sample ID: 460-233032-3

Matrix: Solid Lab File ID: K25588.D

Analysis Method: 8260D Date Collected: 04/27/2021 09:40

Sample wt/vol: 4.62(g) Date Analyzed: 05/01/2021 04:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 26.3 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0015	U	0.0015	0.00034
79-34-5	1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00031
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00044
79-00-5	1,1,2-Trichloroethane	0.0015	U	0.0015	0.00026
75-34-3	1,1-Dichloroethane	0.0015	U	0.0015	0.00030
75-35-4	1,1-Dichloroethene	0.0015	U	0.0015	0.00033
87-61-6	1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.00027
120-82-1	1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053
95-63-6	1,2,4-Trimethylbenzene	0.0015	U	0.0015	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00068
95-50-1	1,2-Dichlorobenzene	0.0015	U	0.0015	0.00053
107-06-2	1,2-Dichloroethane	0.0015	U	0.0015	0.00043
78-87-5	1,2-Dichloropropane	0.0015	U	0.0015	0.00062
108-67-8	1,3,5-Trimethylbenzene	0.0015	U	0.0015	0.00046
541-73-1	1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054
106-46-7	1,4-Dichlorobenzene	0.0015	U	0.0015	0.00033
78-93-3	2-Butanone (MEK)	0.0073	U	0.0073	0.00054
591-78-6	2-Hexanone	0.0073	U	0.0073	0.0025
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0073	U	0.0073	0.0023
67-64-1	Acetone	0.0088	U	0.0088	0.0084
71-43-2	Benzene	0.0015	U	0.0015	0.00038
75-25-2	Bromoform	0.0015	U	0.0015	0.00062
74-83-9	Bromomethane	0.0029	U	0.0029	0.0015
75-15-0	Carbon disulfide	0.0015	U	0.0015	0.00039
56-23-5	Carbon tetrachloride	0.0015	U	0.0015	0.00057
108-90-7	Chlorobenzene	0.0015	U	0.0015	0.00026
74-97-5	Chlorobromomethane	0.0015	U	0.0015	0.00041
124-48-1	Chlorodibromomethane	0.0015	U	0.0015	0.00028
75-00-3	Chloroethane	0.0015	U	0.0015	0.00077
67-66-3	Chloroform	0.0015	U	0.0015	0.0014
74-87-3	Chloromethane	0.0015	U	0.0015	0.00064
156-59-2	cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053
10061-01-5	cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040
110-82-7	Cyclohexane	0.0015	U	0.0015	0.00032
75-27-4	Dichlorobromomethane	0.0015	U	0.0015	0.00038

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-02_0-2_20210427 Lab Sample ID: 460-233032-3

Matrix: Solid Lab File ID: K25588.D

Analysis Method: 8260D Date Collected: 04/27/2021 09:40

Sample wt/vol: 4.62(g) Date Analyzed: 05/01/2021 04:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 26.3 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0015	U	0.0015	0.00050
100-41-4	Ethylbenzene	0.0015	U	0.0015	0.00029
106-93-4	Ethylene Dibromide	0.0015	U	0.0015	0.00026
98-82-8	Isopropylbenzene	0.0015	U	0.0015	0.00042
79-20-9	Methyl acetate	0.0073	U	0.0073	0.0063
1634-04-4	Methyl tert-butyl ether	0.0015	U	0.0015	0.00075
108-87-2	Methylcyclohexane	0.0015	U	0.0015	0.00073
75-09-2	Methylene Chloride	0.0029	U	0.0029	0.0017
179601-23-1	m-Xylene & p-Xylene	0.0015	U	0.0015	0.00026
104-51-8	n-Butylbenzene	0.0015	U	0.0015	0.00043
103-65-1	N-Propylbenzene	0.0015	U	0.0015	0.00026
95-47-6	o-Xylene	0.0015	U	0.0015	0.00028
135-98-8	sec-Butylbenzene	0.0015	U	0.0015	0.00042
100-42-5	Styrene	0.0015	U	0.0015	0.00041
98-06-6	tert-Butylbenzene	0.0015	U	0.0015	0.00041
127-18-4	Tetrachloroethene	0.0015	U *	0.0015	0.00045
108-88-3	Toluene	0.0015	U	0.0015	0.00034
156-60-5	trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036
10061-02-6	trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039
79-01-6	Trichloroethene	0.0015	U	0.0015	0.00047
75-69-4	Trichlorofluoromethane	0.0015	U	0.0015	0.00060
75-01-4	Vinyl chloride	0.0015	U	0.0015	0.00080
1330-20-7	Xylenes, Total	0.0029	U	0.0029	0.00094

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		77-145
460-00-4	4-Bromofluorobenzene	83		70-139
1868-53-7	Dibromofluoromethane (Surr)	118		48-150
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25588.D
Lims ID: 460-233032-C-3-A
Client ID: SB-02_0-2_20210427
Sample Type: Client
Inject. Date: 01-May-2021 04:24:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233032-C-3-A
Misc. Info.: 460-0127904-017
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-May-2021 10:44:37 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: starzecm Date: 01-May-2021 10:45:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.565	2.587	-0.022	95	709729	1000.0	
* 42 2-Butanone-d5	46	3.564	3.575	-0.011	97	350520	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.137	4.142	-0.005	96	268627	59.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.491	4.497	-0.006	0	244349	56.7	
* 66 Fluorobenzene	96	4.884	4.890	-0.006	99	652329	50.0	
* 73 1,4-Dioxane-d8	96	5.730	5.714	0.016	98	43093	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.919	6.925	-0.006	99	1028062	52.4	
* 94 Chlorobenzene-d5	117	9.026	9.031	-0.005	85	624939	50.0	
$ 105 4-Bromofluorobenzene	174	10.673	10.673	0.000	89	285681	41.6	
* 121 1,4-Dichlorobenzene-d4	152	11.825	11.825	0.000	95	354497	50.0	

Reagents:

8260SURR250_00217 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

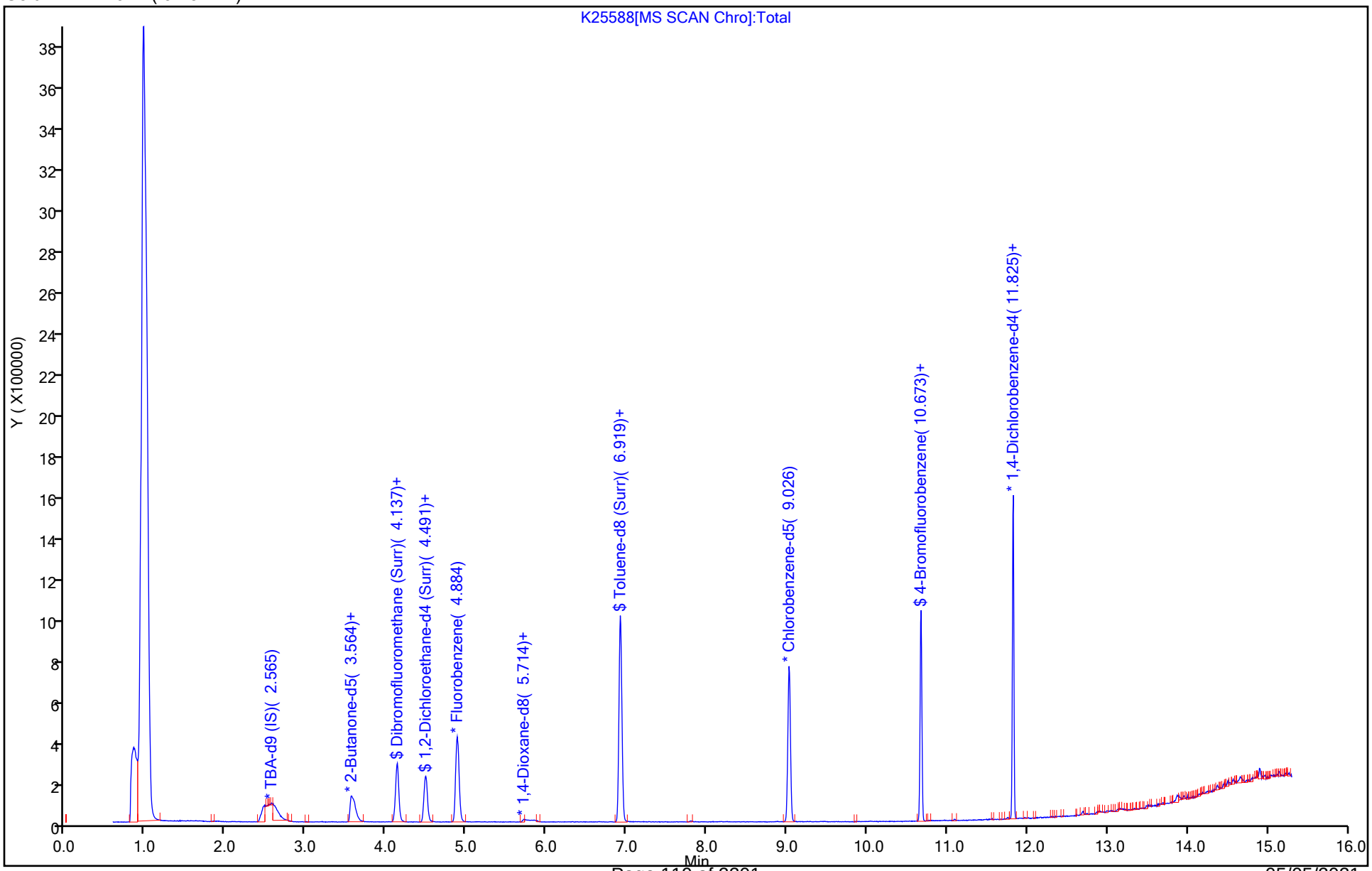
Report Date: 01-May-2021 10:45:08 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25588.D

Injection Date:	01-May-2021 04:24:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-233032-C-3-A	Lab Sample ID:	460-233032-3	Worklist Smp#:	17
Client ID:	SB-02_0-2_20210427				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-02_4-6_20210427 Lab Sample ID: 460-233032-4

Matrix: Solid Lab File ID: B71529.D

Analysis Method: 8260D Date Collected: 04/27/2021 09:50

Sample wt/vol: 5.32(g) Date Analyzed: 04/29/2021 16:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 26.6 Level: (low/med) Low

Analysis Batch No.: 774667 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030
79-34-5	1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00027
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039
79-00-5	1,1,2-Trichloroethane	0.0013	U	0.0013	0.00023
75-34-3	1,1-Dichloroethane	0.0013	U	0.0013	0.00026
75-35-4	1,1-Dichloroethene	0.0013	U	0.0013	0.00029
87-61-6	1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00023
120-82-1	1,2,4-Trichlorobenzene	0.0013	U *	0.0013	0.00046
95-63-6	1,2,4-Trimethylbenzene	0.0013	U	0.0013	0.00031
96-12-8	1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0013	0.00059
95-50-1	1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046
107-06-2	1,2-Dichloroethane	0.0013	U	0.0013	0.00038
78-87-5	1,2-Dichloropropane	0.0013	U	0.0013	0.00054
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	0.0013	0.00040
541-73-1	1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047
106-46-7	1,4-Dichlorobenzene	0.0013	U	0.0013	0.00029
78-93-3	2-Butanone (MEK)	0.0064	U	0.0064	0.00047
591-78-6	2-Hexanone	0.0064	U	0.0064	0.0022
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020
67-64-1	Acetone	0.0087		0.0077	0.0073
71-43-2	Benzene	0.0013	U	0.0013	0.00033
75-25-2	Bromoform	0.0013	U	0.0013	0.00054
74-83-9	Bromomethane	0.0026	U	0.0026	0.0013
75-15-0	Carbon disulfide	0.0013	U	0.0013	0.00034
56-23-5	Carbon tetrachloride	0.0013	U	0.0013	0.00050
108-90-7	Chlorobenzene	0.0013	U	0.0013	0.00023
74-97-5	Chlorobromomethane	0.0013	U	0.0013	0.00036
124-48-1	Chlorodibromomethane	0.0013	U	0.0013	0.00025
75-00-3	Chloroethane	0.0013	U	0.0013	0.00067
67-66-3	Chloroform	0.0013	U	0.0013	0.0012
74-87-3	Chloromethane	0.0013	U	0.0013	0.00056
156-59-2	cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046
10061-01-5	cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035
110-82-7	Cyclohexane	0.0013	U	0.0013	0.00028
75-27-4	Dichlorobromomethane	0.0013	U	0.0013	0.00033

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-02_4-6_20210427 Lab Sample ID: 460-233032-4

Matrix: Solid Lab File ID: B71529.D

Analysis Method: 8260D Date Collected: 04/27/2021 09:50

Sample wt/vol: 5.32(g) Date Analyzed: 04/29/2021 16:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 26.6 Level: (low/med) Low

Analysis Batch No.: 774667 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0013	U	0.0013	0.00043
100-41-4	Ethylbenzene	0.0013	U	0.0013	0.00025
106-93-4	Ethylene Dibromide	0.0013	U	0.0013	0.00023
98-82-8	Isopropylbenzene	0.0013	U	0.0013	0.00036
79-20-9	Methyl acetate	0.0064	U	0.0064	0.0055
1634-04-4	Methyl tert-butyl ether	0.0013	U	0.0013	0.00066
108-87-2	Methylcyclohexane	0.0013	U	0.0013	0.00064
75-09-2	Methylene Chloride	0.0026	U	0.0026	0.0015
179601-23-1	m-Xylene & p-Xylene	0.0013	U	0.0013	0.00022
104-51-8	n-Butylbenzene	0.0013	U	0.0013	0.00038
103-65-1	N-Propylbenzene	0.0013	U	0.0013	0.00022
95-47-6	o-Xylene	0.0013	U	0.0013	0.00025
135-98-8	sec-Butylbenzene	0.0013	U	0.0013	0.00037
100-42-5	Styrene	0.0013	U	0.0013	0.00036
98-06-6	tert-Butylbenzene	0.0013	U	0.0013	0.00035
127-18-4	Tetrachloroethene	0.0013	U	0.0013	0.00039
108-88-3	Toluene	0.0013	U	0.0013	0.00030
156-60-5	trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031
10061-02-6	trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034
79-01-6	Trichloroethene	0.0013	U	0.0013	0.00041
75-69-4	Trichlorofluoromethane	0.0013	U	0.0013	0.00052
75-01-4	Vinyl chloride	0.0013	U	0.0013	0.00070
1330-20-7	Xylenes, Total	0.0026	U	0.0026	0.00082

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		77-145
460-00-4	4-Bromofluorobenzene	86		70-139
1868-53-7	Dibromofluoromethane (Surr)	96		48-150
2037-26-5	Toluene-d8 (Surr)	81		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71529.D
Lims ID: 460-233032-C-4-A
Client ID: SB-02_4-6_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 16:50:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233032-C-4-A
Misc. Info.: 460-0127791-027
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 29-Apr-2021 15:34:08 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1647

First Level Reviewer: parekhv Date: 29-Apr-2021 17:38:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.337	1.319	0.018	66	5385	6.79	
* 29 TBA-d9 (IS)	65	1.624	1.636	-0.012	0	348366	1000.0	
* 40 2-Butanone-d5	46	2.392	2.392	0.000	0	257134	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.825	2.825	0.000	98	205907	48.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.117	3.117	0.000	0	177250	40.2	
* 60 Fluorobenzene	96	3.459	3.459	0.000	100	752451	50.0	
* 69 1,4-Dioxane-d8	96	4.282	4.269	0.013	0	27904	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.464	5.464	0.000	99	631953	40.5	
* 91 Chlorobenzene-d5	117	7.860	7.854	0.006	82	586927	50.0	
$ 103 4-Bromofluorobenzene	174	10.128	10.128	0.000	97	255189	43.1	
* 117 1,4-Dichlorobenzene-d4	152	12.176	12.170	0.006	92	380523	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00217 Amount Added: 1.00 Units: uL Run Reagent

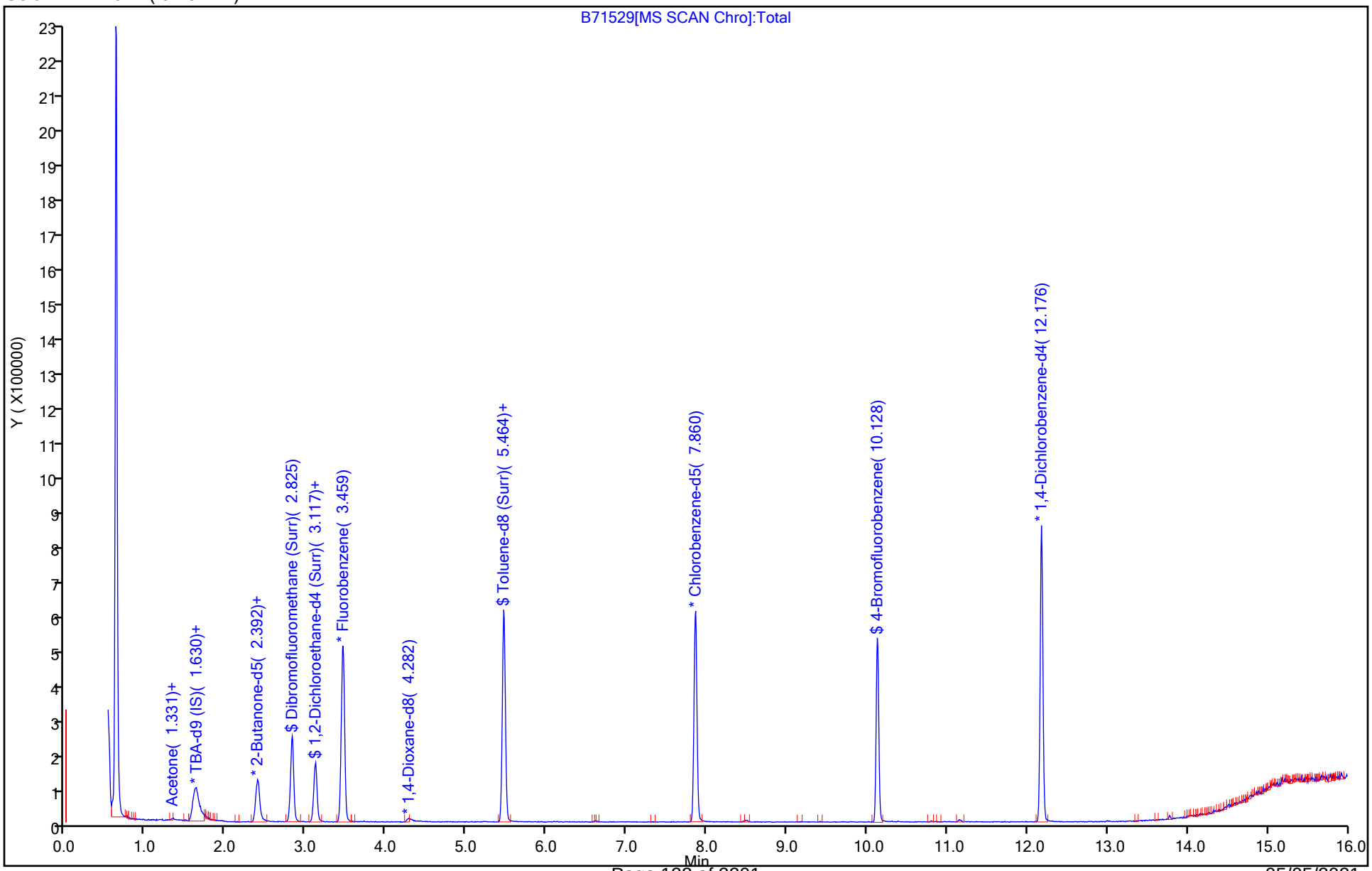
Report Date: 29-Apr-2021 17:38:17 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71529.D

Injection Date:	29-Apr-2021 16:50:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-233032-C-4-A	Lab Sample ID:	460-233032-4	Worklist Smp#:	27
Client ID:	SB-02_4-6_20210427				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

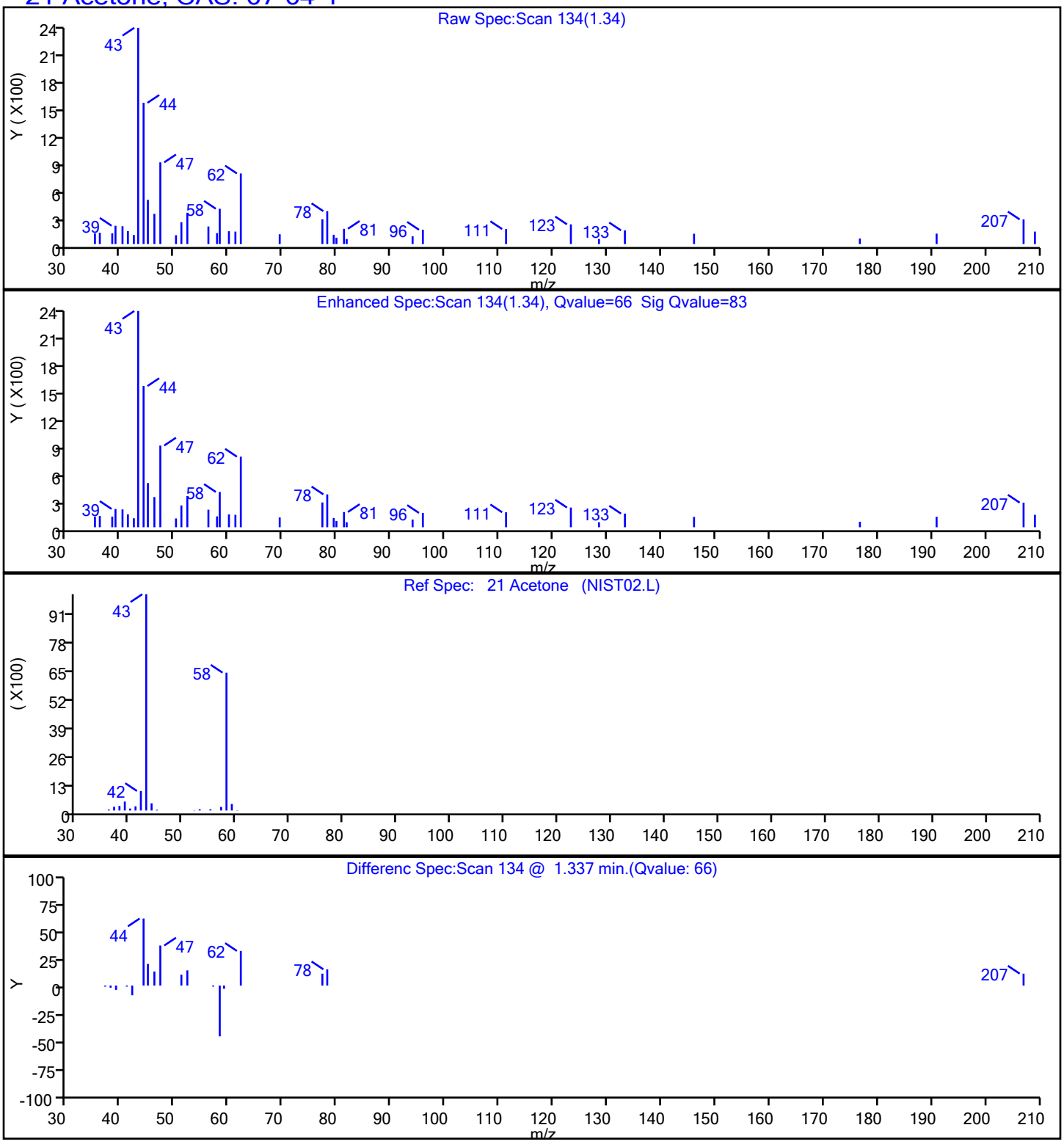
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71529.D		
Injection Date:	29-Apr-2021 16:50:30	Instrument ID:	CVOAMS2
Lims ID:	460-233032-C-4-A	Lab Sample ID:	460-233032-4
Client ID:	SB-02_4-6_20210427		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

21 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-05_0-2_20210427 Lab Sample ID: 460-233032-5

Matrix: Solid Lab File ID: K25589.D

Analysis Method: 8260D Date Collected: 04/27/2021 10:21

Sample wt/vol: 3.67(g) Date Analyzed: 05/01/2021 04:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.3 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0016	U	0.0016	0.00036
79-34-5	1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00033
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00047
79-00-5	1,1,2-Trichloroethane	0.0016	U	0.0016	0.00028
75-34-3	1,1-Dichloroethane	0.0016	U	0.0016	0.00032
75-35-4	1,1-Dichloroethene	0.0016	U	0.0016	0.00035
87-61-6	1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.00028
120-82-1	1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00056
95-63-6	1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00038
96-12-8	1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00071
95-50-1	1,2-Dichlorobenzene	0.0016	U	0.0016	0.00056
107-06-2	1,2-Dichloroethane	0.0016	U	0.0016	0.00046
78-87-5	1,2-Dichloropropane	0.0016	U	0.0016	0.00066
108-67-8	1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00049
541-73-1	1,3-Dichlorobenzene	0.0016	U	0.0016	0.00057
106-46-7	1,4-Dichlorobenzene	0.0016	U	0.0016	0.00035
78-93-3	2-Butanone (MEK)	0.0078	U	0.0078	0.00057
591-78-6	2-Hexanone	0.0078	U	0.0078	0.0027
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0078	U	0.0078	0.0024
67-64-1	Acetone	0.0093	U	0.0093	0.0089
71-43-2	Benzene	0.0016	U	0.0016	0.00040
75-25-2	Bromoform	0.0016	U	0.0016	0.00066
74-83-9	Bromomethane	0.0031	U	0.0031	0.0016
75-15-0	Carbon disulfide	0.0016	U	0.0016	0.00041
56-23-5	Carbon tetrachloride	0.0016	U	0.0016	0.00060
108-90-7	Chlorobenzene	0.0016	U	0.0016	0.00028
74-97-5	Chlorobromomethane	0.0016	U	0.0016	0.00044
124-48-1	Chlorodibromomethane	0.0016	U	0.0016	0.00030
75-00-3	Chloroethane	0.0016	U	0.0016	0.00081
67-66-3	Chloroform	0.0016	U	0.0016	0.0015
74-87-3	Chloromethane	0.0016	U	0.0016	0.00068
156-59-2	cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00056
10061-01-5	cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00042
110-82-7	Cyclohexane	0.0016	U	0.0016	0.00034
75-27-4	Dichlorobromomethane	0.0016	U	0.0016	0.00040

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-05_0-2_20210427 Lab Sample ID: 460-233032-5

Matrix: Solid Lab File ID: K25589.D

Analysis Method: 8260D Date Collected: 04/27/2021 10:21

Sample wt/vol: 3.67(g) Date Analyzed: 05/01/2021 04:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.3 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0016	U	0.0016	0.00053
100-41-4	Ethylbenzene	0.0016	U	0.0016	0.00031
106-93-4	Ethylene Dibromide	0.0016	U	0.0016	0.00028
98-82-8	Isopropylbenzene	0.0016	U	0.0016	0.00044
79-20-9	Methyl acetate	0.0078	U	0.0078	0.0067
1634-04-4	Methyl tert-butyl ether	0.0016	U	0.0016	0.00080
108-87-2	Methylcyclohexane	0.0016	U	0.0016	0.00078
75-09-2	Methylene Chloride	0.0031	U	0.0031	0.0018
179601-23-1	m-Xylene & p-Xylene	0.0016	U	0.0016	0.00027
104-51-8	n-Butylbenzene	0.0016	U	0.0016	0.00046
103-65-1	N-Propylbenzene	0.0016	U	0.0016	0.00027
95-47-6	o-Xylene	0.0016	U	0.0016	0.00030
135-98-8	sec-Butylbenzene	0.0016	U	0.0016	0.00045
100-42-5	Styrene	0.0016	U	0.0016	0.00043
98-06-6	tert-Butylbenzene	0.0016	U	0.0016	0.00043
127-18-4	Tetrachloroethene	0.0016	U *	0.0016	0.00047
108-88-3	Toluene	0.0016	U	0.0016	0.00036
156-60-5	trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00038
10061-02-6	trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00041
79-01-6	Trichloroethene	0.0016	U	0.0016	0.00050
75-69-4	Trichlorofluoromethane	0.0016	U	0.0016	0.00063
75-01-4	Vinyl chloride	0.0016	U	0.0016	0.00085
1330-20-7	Xylenes, Total	0.0031	U	0.0031	0.0010

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		77-145
460-00-4	4-Bromofluorobenzene	83		70-139
1868-53-7	Dibromofluoromethane (Surr)	118		48-150
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25589.D
Lims ID: 460-233032-C-5-A
Client ID: SB-05_0-2_20210427
Sample Type: Client
Inject. Date: 01-May-2021 04:48:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233032-C-5-A
Misc. Info.: 460-0127904-018
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-May-2021 10:45:29 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: starzecm Date: 01-May-2021 10:45:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.576	2.587	-0.011	94	645866	1000.0	
* 42 2-Butanone-d5	46	3.575	3.575	0.000	97	346880	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.137	4.142	-0.005	96	257793	58.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.491	4.497	-0.006	0	233611	56.2	
* 66 Fluorobenzene	96	4.890	4.890	0.000	99	629255	50.0	
* 73 1,4-Dioxane-d8	96	5.741	5.714	0.027	99	32701	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.919	6.925	-0.006	99	986175	52.3	
* 94 Chlorobenzene-d5	117	9.026	9.031	-0.005	85	600654	50.0	
$ 105 4-Bromofluorobenzene	174	10.673	10.673	0.000	88	272207	41.3	
* 121 1,4-Dichlorobenzene-d4	152	11.825	11.825	0.000	95	343520	50.0	

Reagents:

8260SURR250_00217 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

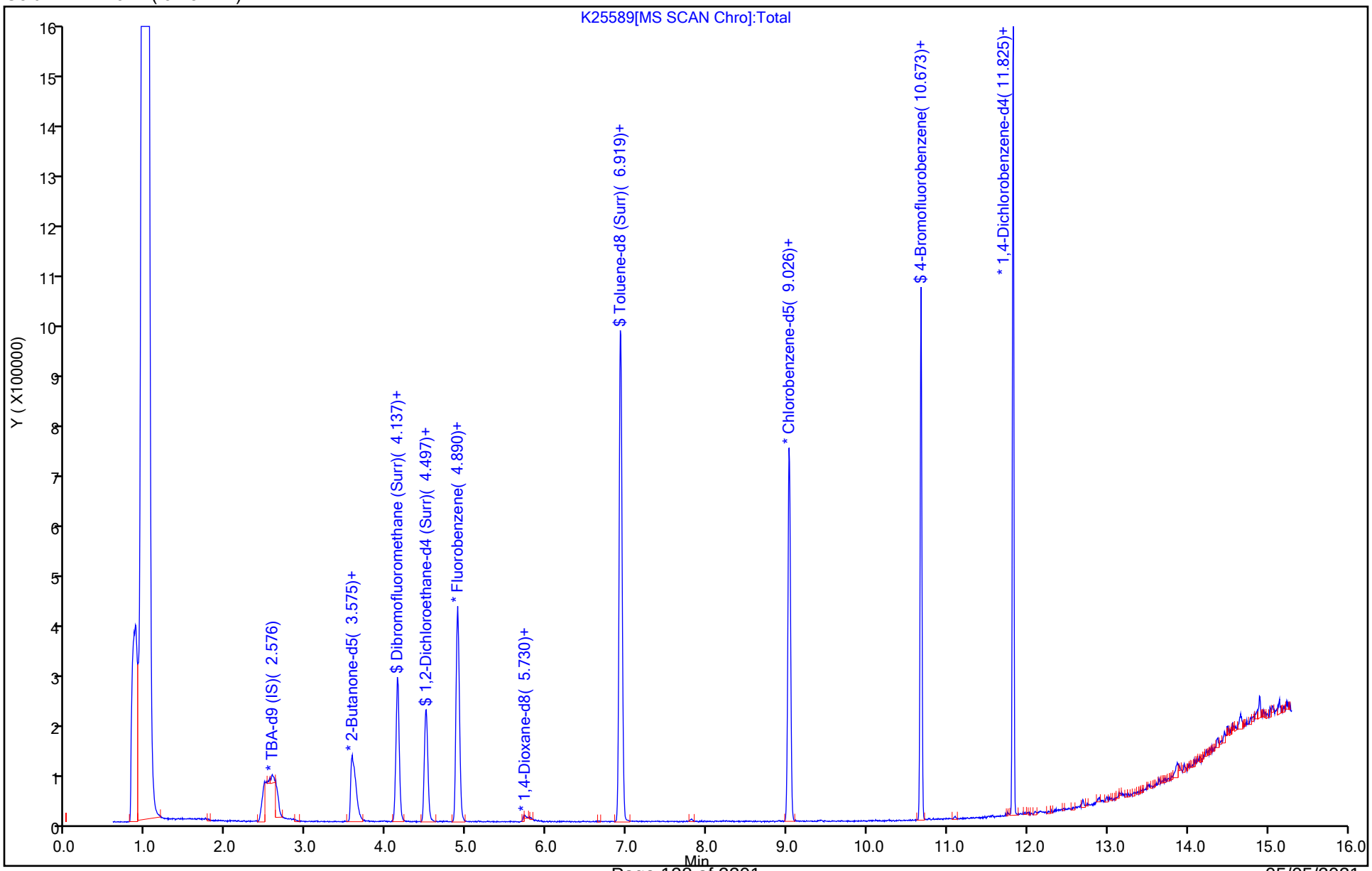
Report Date: 01-May-2021 10:45:37 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25589.D

Injection Date:	01-May-2021 04:48:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-233032-C-5-A	Lab Sample ID:	460-233032-5	Worklist Smp#:	18
Client ID:	SB-05_0-2_20210427				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-05_3-5_20210427 Lab Sample ID: 460-233032-6

Matrix: Solid Lab File ID: K25590.D

Analysis Method: 8260D Date Collected: 04/27/2021 10:30

Sample wt/vol: 4.94(g) Date Analyzed: 05/01/2021 05:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.2 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00024
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
87-61-6	1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00021
120-82-1	1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029
96-12-8	1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054
95-50-1	1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00035
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00050
108-67-8	1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037
541-73-1	1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043
106-46-7	1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027
78-93-3	2-Butanone (MEK)	0.0059	U	0.0059	0.00043
591-78-6	2-Hexanone	0.0059	U	0.0059	0.0020
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018
67-64-1	Acetone	0.022		0.0071	0.0067
71-43-2	Benzene	0.0012	U	0.0012	0.00030
75-25-2	Bromoform	0.0012	U	0.0012	0.00050
74-83-9	Bromomethane	0.0024	U	0.0024	0.0012
75-15-0	Carbon disulfide	0.0012	U	0.0012	0.00031
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00046
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
74-97-5	Chlorobromomethane	0.0012	U	0.0012	0.00033
124-48-1	Chlorodibromomethane	0.0012	U	0.0012	0.00023
75-00-3	Chloroethane	0.0012	U	0.0012	0.00062
67-66-3	Chloroform	0.0012	U	0.0012	0.0011
74-87-3	Chloromethane	0.0012	U	0.0012	0.00051
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
110-82-7	Cyclohexane	0.0012	U	0.0012	0.00026
75-27-4	Dichlorobromomethane	0.0012	U	0.0012	0.00030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-05_3-5_20210427 Lab Sample ID: 460-233032-6

Matrix: Solid Lab File ID: K25590.D

Analysis Method: 8260D Date Collected: 04/27/2021 10:30

Sample wt/vol: 4.94(g) Date Analyzed: 05/01/2021 05:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.2 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0012	U	0.0012	0.00040
100-41-4	Ethylbenzene	0.0012	U	0.0012	0.00023
106-93-4	Ethylene Dibromide	0.0012	U	0.0012	0.00021
98-82-8	Isopropylbenzene	0.0012	U	0.0012	0.00034
79-20-9	Methyl acetate	0.0059	U	0.0059	0.0051
1634-04-4	Methyl tert-butyl ether	0.0012	U	0.0012	0.00060
108-87-2	Methylcyclohexane	0.0012	U	0.0012	0.00059
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
179601-23-1	m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021
104-51-8	n-Butylbenzene	0.0012	U	0.0012	0.00035
103-65-1	N-Propylbenzene	0.0012	U	0.0012	0.00021
95-47-6	o-Xylene	0.0012	U	0.0012	0.00023
135-98-8	sec-Butylbenzene	0.0012	U	0.0012	0.00034
100-42-5	Styrene	0.0012	U	0.0012	0.00033
98-06-6	tert-Butylbenzene	0.0012	U	0.0012	0.00033
127-18-4	Tetrachloroethene	0.0012	U *	0.0012	0.00036
108-88-3	Toluene	0.0012	U	0.0012	0.00028
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00038
75-69-4	Trichlorofluoromethane	0.0012	U	0.0012	0.00048
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00064
1330-20-7	Xylenes, Total	0.0024	U	0.0024	0.00076

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		77-145
460-00-4	4-Bromofluorobenzene	85		70-139
1868-53-7	Dibromofluoromethane (Surr)	119		48-150
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25590.D
Lims ID: 460-233032-C-6-A
Client ID: SB-05_3-5_20210427
Sample Type: Client
Inject. Date: 01-May-2021 05:11:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233032-C-6-A
Misc. Info.: 460-0127904-019
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-May-2021 10:45:58 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: starzecm Date: 01-May-2021 10:46:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.085	2.080	0.005	85	21127	18.5	
* 30 TBA-d9 (IS)	65	2.582	2.587	-0.005	94	694805	1000.0	
* 42 2-Butanone-d5	46	3.569	3.575	-0.006	97	341261	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.142	4.142	0.000	96	257653	59.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.497	4.497	0.000	0	237625	58.0	
* 66 Fluorobenzene	96	4.895	4.890	0.005	99	620412	50.0	
* 73 1,4-Dioxane-d8	96	5.735	5.714	0.021	99	41969	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.919	6.925	-0.006	98	995510	53.1	
* 94 Chlorobenzene-d5	117	9.031	9.031	0.000	85	597402	50.0	
$ 105 4-Bromofluorobenzene	174	10.673	10.673	0.000	88	278715	42.5	
* 121 1,4-Dichlorobenzene-d4	152	11.825	11.825	0.000	95	360346	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260SURR250_00217 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

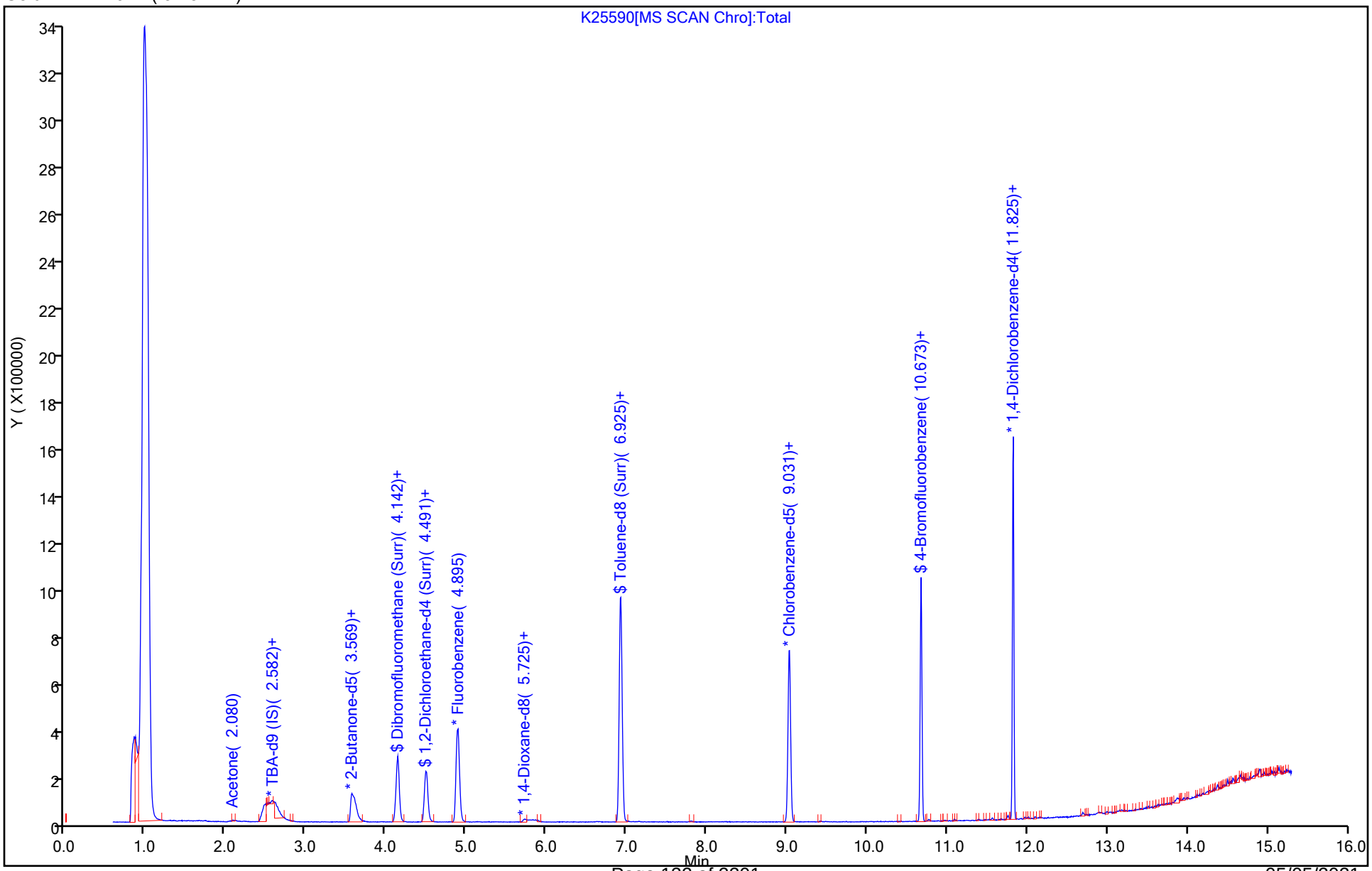
Report Date: 01-May-2021 10:46:07 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25590.D

Injection Date:	01-May-2021 05:11:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-233032-C-6-A	Lab Sample ID:	460-233032-6	Worklist Smp#:	19
Client ID:	SB-05_3-5_20210427				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)

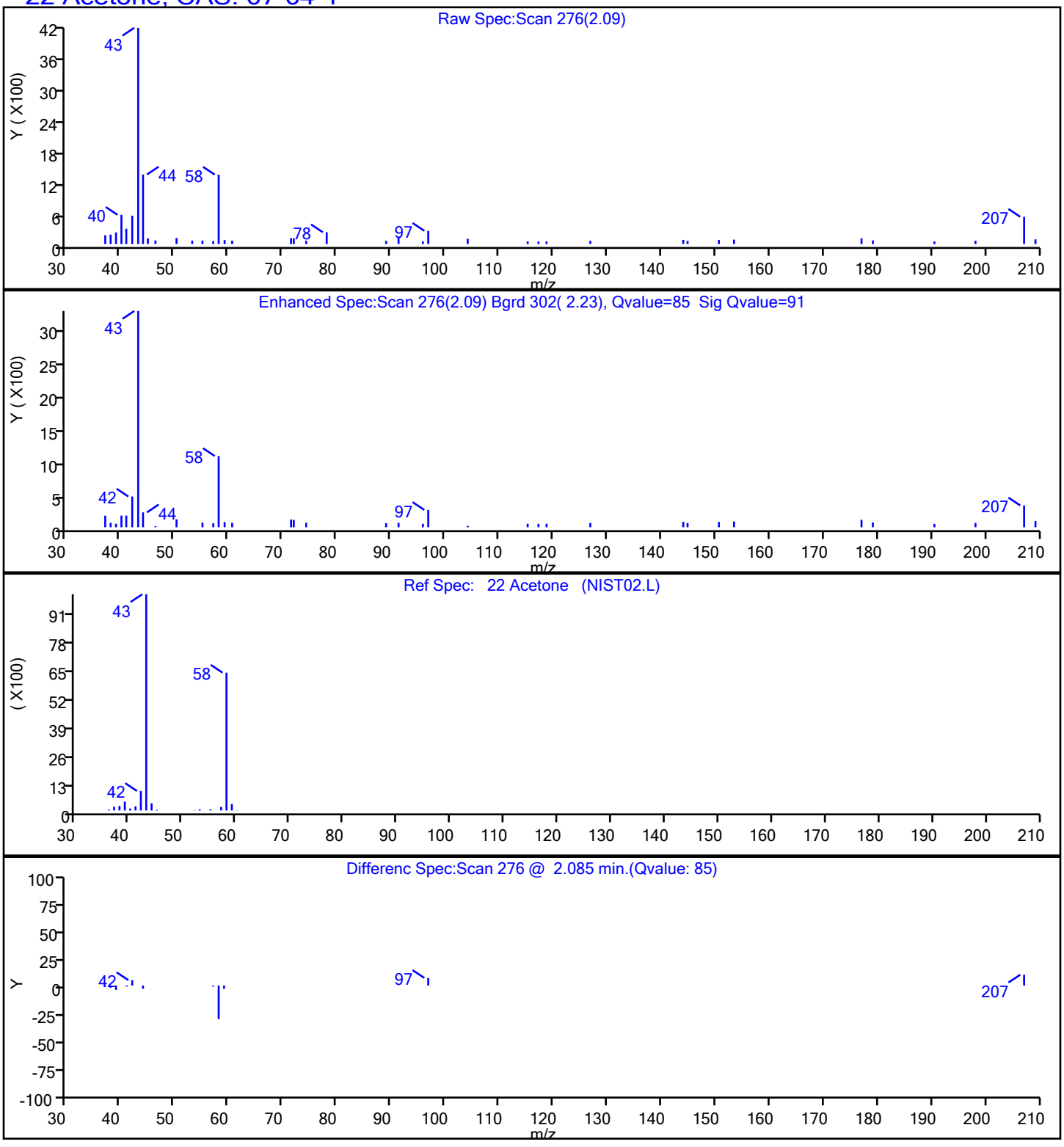


Report Date: 01-May-2021 10:46:07 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25590.D				
Injection Date:	01-May-2021 05:11:30	Instrument ID:	CVOAMS9		
Lims ID:	460-233032-C-6-A	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-06_0-2_20210427 Lab Sample ID: 460-233032-7

Matrix: Solid Lab File ID: K25591.D

Analysis Method: 8260D Date Collected: 04/27/2021 13:05

Sample wt/vol: 4.78(g) Date Analyzed: 05/01/2021 05:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.2 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
87-61-6	1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022
120-82-1	1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030
96-12-8	1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056
95-50-1	1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00052
108-67-8	1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038
541-73-1	1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044
106-46-7	1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027
78-93-3	2-Butanone (MEK)	0.0061	U	0.0061	0.00045
591-78-6	2-Hexanone	0.0061	U	0.0061	0.0021
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019
67-64-1	Acetone	0.0073	U	0.0073	0.0070
71-43-2	Benzene	0.0012	U	0.0012	0.00031
75-25-2	Bromoform	0.0012	U	0.0012	0.00052
74-83-9	Bromomethane	0.0024	U	0.0024	0.0012
75-15-0	Carbon disulfide	0.0012	U	0.0012	0.00032
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00047
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00022
74-97-5	Chlorobromomethane	0.0012	U	0.0012	0.00034
124-48-1	Chlorodibromomethane	0.0012	U	0.0012	0.00024
75-00-3	Chloroethane	0.0012	U	0.0012	0.00064
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00053
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
110-82-7	Cyclohexane	0.0012	U	0.0012	0.00027
75-27-4	Dichlorobromomethane	0.0012	U	0.0012	0.00031

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-06_0-2_20210427 Lab Sample ID: 460-233032-7

Matrix: Solid Lab File ID: K25591.D

Analysis Method: 8260D Date Collected: 04/27/2021 13:05

Sample wt/vol: 4.78(g) Date Analyzed: 05/01/2021 05:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.2 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0012	U	0.0012	0.00041
100-41-4	Ethylbenzene	0.0012	U	0.0012	0.00024
106-93-4	Ethylene Dibromide	0.0012	U	0.0012	0.00022
98-82-8	Isopropylbenzene	0.0012	U	0.0012	0.00035
79-20-9	Methyl acetate	0.0061	U	0.0061	0.0052
1634-04-4	Methyl tert-butyl ether	0.0012	U	0.0012	0.00062
108-87-2	Methylcyclohexane	0.0012	U	0.0012	0.00061
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
179601-23-1	m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021
104-51-8	n-Butylbenzene	0.0012	U	0.0012	0.00036
103-65-1	N-Propylbenzene	0.0012	U	0.0012	0.00021
95-47-6	o-Xylene	0.0012	U	0.0012	0.00024
135-98-8	sec-Butylbenzene	0.0012	U	0.0012	0.00035
100-42-5	Styrene	0.0012	U	0.0012	0.00034
98-06-6	tert-Butylbenzene	0.0012	U	0.0012	0.00034
127-18-4	Tetrachloroethene	0.0012	U *	0.0012	0.00037
108-88-3	Toluene	0.0012	U	0.0012	0.00029
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00039
75-69-4	Trichlorofluoromethane	0.0012	U	0.0012	0.00049
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00067
1330-20-7	Xylenes, Total	0.0024	U	0.0024	0.00078

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		77-145
460-00-4	4-Bromofluorobenzene	81		70-139
1868-53-7	Dibromofluoromethane (Surr)	118		48-150
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25591.D
Lims ID: 460-233032-C-7-A
Client ID: SB-06_0-2_20210427
Sample Type: Client
Inject. Date: 01-May-2021 05:35:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233032-C-7-A
Misc. Info.: 460-0127904-020
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2021 13:27:52 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: starzecm Date: 01-May-2021 10:46:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.549	2.587	-0.038	94	671261	1000.0	
* 42 2-Butanone-d5	46	3.558	3.575	-0.017	97	368804	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.137	4.142	-0.005	96	261951	58.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.486	4.497	-0.011	0	243707	57.7	
* 66 Fluorobenzene	96	4.884	4.890	-0.006	99	639601	50.0	
* 73 1,4-Dioxane-d8	96	5.713	5.714	-0.001	98	32970	1000.0	M
$ 83 Toluene-d8 (Surr)	98	6.919	6.925	-0.006	99	995559	51.4	
* 94 Chlorobenzene-d5	117	9.025	9.031	-0.006	85	616826	50.0	
$ 105 4-Bromofluorobenzene	174	10.673	10.673	0.000	88	274170	40.5	
* 121 1,4-Dichlorobenzene-d4	152	11.825	11.825	0.000	95	357086	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260SURR250_00217 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

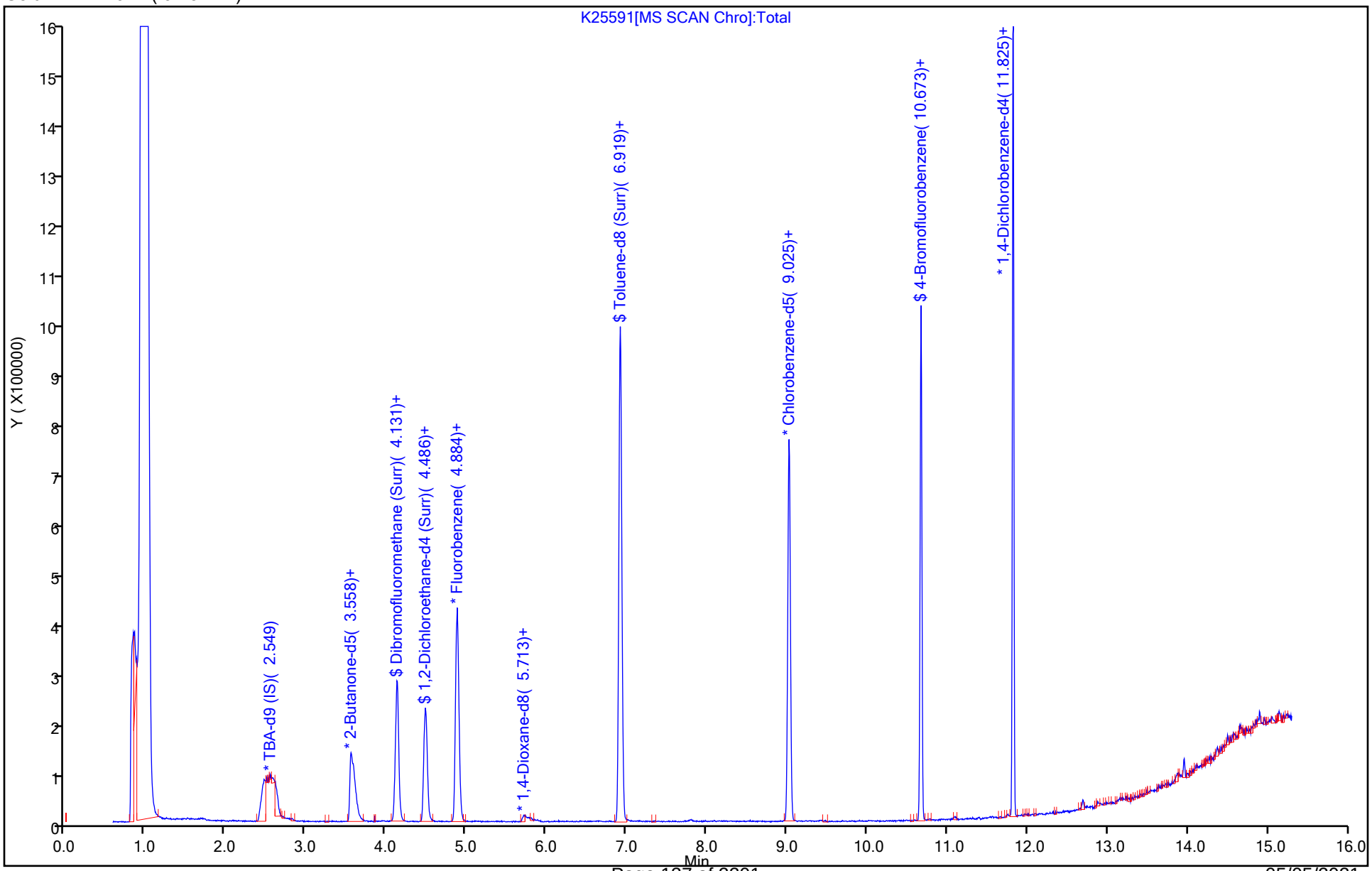
Report Date: 03-May-2021 13:27:53 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25591.D

Injection Date:	01-May-2021 05:35:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-233032-C-7-A	Lab Sample ID:	460-233032-7	Worklist Smp#:	20
Client ID:	SB-06_0-2_20210427				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

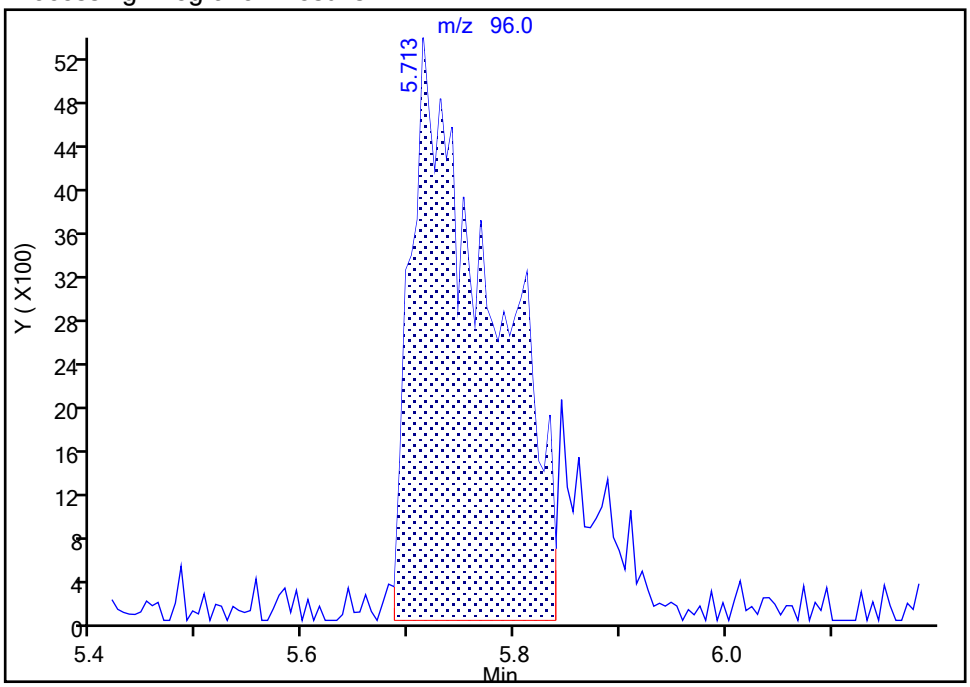
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25591.D				
Injection Date:	01-May-2021 05:35:30	Instrument ID:	CVOAMS9		
Lims ID:	460-233032-C-7-A	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

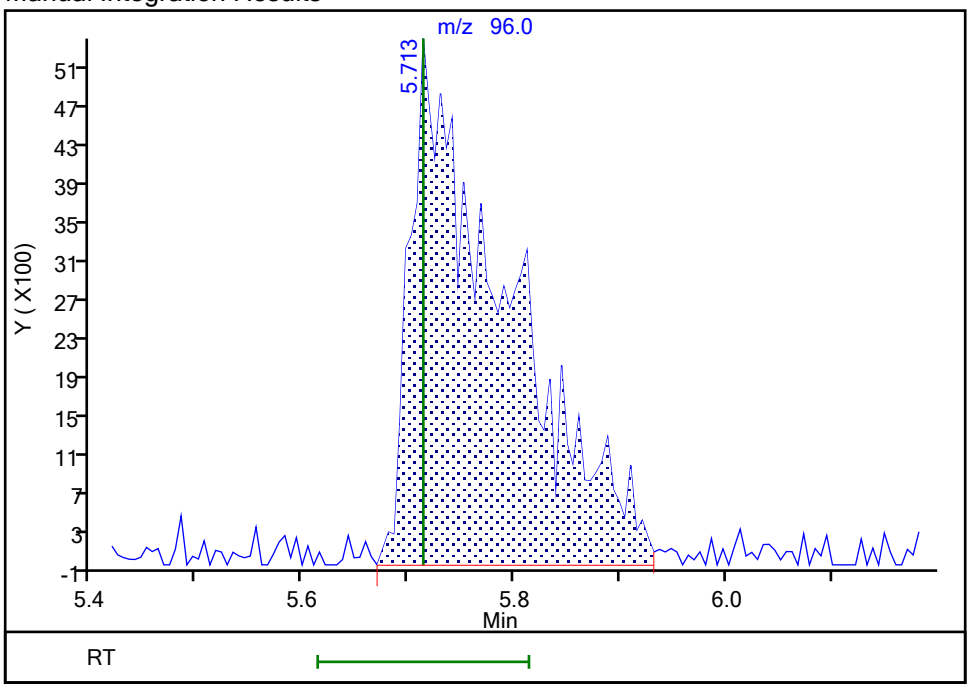
Processing Integration Results

RT: 5.71
Area: 27927
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.71
Area: 32970
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 03-May-2021 13:27:38

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-06_6-8_20210427 Lab Sample ID: 460-233032-8

Matrix: Solid Lab File ID: K25592.D

Analysis Method: 8260D Date Collected: 04/27/2021 13:15

Sample wt/vol: 5.79(g) Date Analyzed: 05/01/2021 05:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.0 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029
79-00-5	1,1,2-Trichloroethane	0.00097	U	0.00097	0.00017
75-34-3	1,1-Dichloroethane	0.00097	U	0.00097	0.00020
75-35-4	1,1-Dichloroethene	0.00097	U	0.00097	0.00022
87-61-6	1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035
95-63-6	1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024
96-12-8	1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045
95-50-1	1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035
107-06-2	1,2-Dichloroethane	0.00097	U	0.00097	0.00029
78-87-5	1,2-Dichloropropane	0.00097	U	0.00097	0.00041
108-67-8	1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00030
541-73-1	1,3-Dichlorobenzene	0.00097	U	0.00097	0.00035
106-46-7	1,4-Dichlorobenzene	0.00097	U	0.00097	0.00022
78-93-3	2-Butanone (MEK)	0.0049	U	0.0049	0.00036
591-78-6	2-Hexanone	0.0049	U	0.0049	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015
67-64-1	Acetone	0.0058	U	0.0058	0.0055
71-43-2	Benzene	0.00097	U	0.00097	0.00025
75-25-2	Bromoform	0.00097	U	0.00097	0.00041
74-83-9	Bromomethane	0.0019	U	0.0019	0.00097
75-15-0	Carbon disulfide	0.00097	U	0.00097	0.00026
56-23-5	Carbon tetrachloride	0.00097	U	0.00097	0.00038
108-90-7	Chlorobenzene	0.00097	U	0.00097	0.00017
74-97-5	Chlorobromomethane	0.00097	U	0.00097	0.00027
124-48-1	Chlorodibromomethane	0.00097	U	0.00097	0.00019
75-00-3	Chloroethane	0.00097	U	0.00097	0.00051
67-66-3	Chloroform	0.00097	U	0.00097	0.00094
74-87-3	Chloromethane	0.00097	U	0.00097	0.00042
156-59-2	cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035
10061-01-5	cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00026
110-82-7	Cyclohexane	0.00097	U	0.00097	0.00021
75-27-4	Dichlorobromomethane	0.00097	U	0.00097	0.00025

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-06_6-8_20210427 Lab Sample ID: 460-233032-8

Matrix: Solid Lab File ID: K25592.D

Analysis Method: 8260D Date Collected: 04/27/2021 13:15

Sample wt/vol: 5.79(g) Date Analyzed: 05/01/2021 05:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.0 Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.00097	U	0.00097	0.00033
100-41-4	Ethylbenzene	0.00097	U	0.00097	0.00019
106-93-4	Ethylene Dibromide	0.00097	U	0.00097	0.00017
98-82-8	Isopropylbenzene	0.00097	U	0.00097	0.00028
79-20-9	Methyl acetate	0.0049	U	0.0049	0.0042
1634-04-4	Methyl tert-butyl ether	0.00097	U	0.00097	0.00050
108-87-2	Methylcyclohexane	0.00097	U	0.00097	0.00048
75-09-2	Methylene Chloride	0.0019	U	0.0019	0.0011
179601-23-1	m-Xylene & p-Xylene	0.00097	U	0.00097	0.00017
104-51-8	n-Butylbenzene	0.00097	U	0.00097	0.00029
103-65-1	N-Propylbenzene	0.00097	U	0.00097	0.00017
95-47-6	o-Xylene	0.00097	U	0.00097	0.00019
135-98-8	sec-Butylbenzene	0.00097	U	0.00097	0.00028
100-42-5	Styrene	0.00097	U	0.00097	0.00027
98-06-6	tert-Butylbenzene	0.00097	U	0.00097	0.00027
127-18-4	Tetrachloroethene	0.00097	U *	0.00097	0.00030
108-88-3	Toluene	0.00097	U	0.00097	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026
79-01-6	Trichloroethene	0.00097	U	0.00097	0.00031
75-69-4	Trichlorofluoromethane	0.00097	U	0.00097	0.00039
75-01-4	Vinyl chloride	0.00097	U	0.00097	0.00053
1330-20-7	Xylenes, Total	0.0019	U	0.0019	0.00062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		77-145
460-00-4	4-Bromofluorobenzene	84		70-139
1868-53-7	Dibromofluoromethane (Surr)	119		48-150
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25592.D
Lims ID: 460-233032-C-8-A
Client ID: SB-06_6-8_20210427
Sample Type: Client
Inject. Date: 01-May-2021 05:58:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233032-C-8-A
Misc. Info.: 460-0127904-021
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-May-2021 10:46:48 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: starzecm Date: 01-May-2021 10:47:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.565	2.587	-0.022	95	680269	1000.0	
* 42 2-Butanone-d5	46	3.564	3.575	-0.011	98	335387	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.142	4.142	0.000	97	252514	59.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.497	4.497	0.000	0	234340	58.3	
* 66 Fluorobenzene	96	4.890	4.890	0.000	99	608148	50.0	
* 73 1,4-Dioxane-d8	96	5.724	5.714	0.010	95	43925	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.919	6.925	-0.006	98	978182	52.6	
* 94 Chlorobenzene-d5	117	9.026	9.031	-0.005	85	592480	50.0	
$ 105 4-Bromofluorobenzene	174	10.673	10.673	0.000	88	273927	42.1	
* 121 1,4-Dichlorobenzene-d4	152	11.825	11.825	0.000	96	355813	50.0	

Reagents:

8260SURR250_00217 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

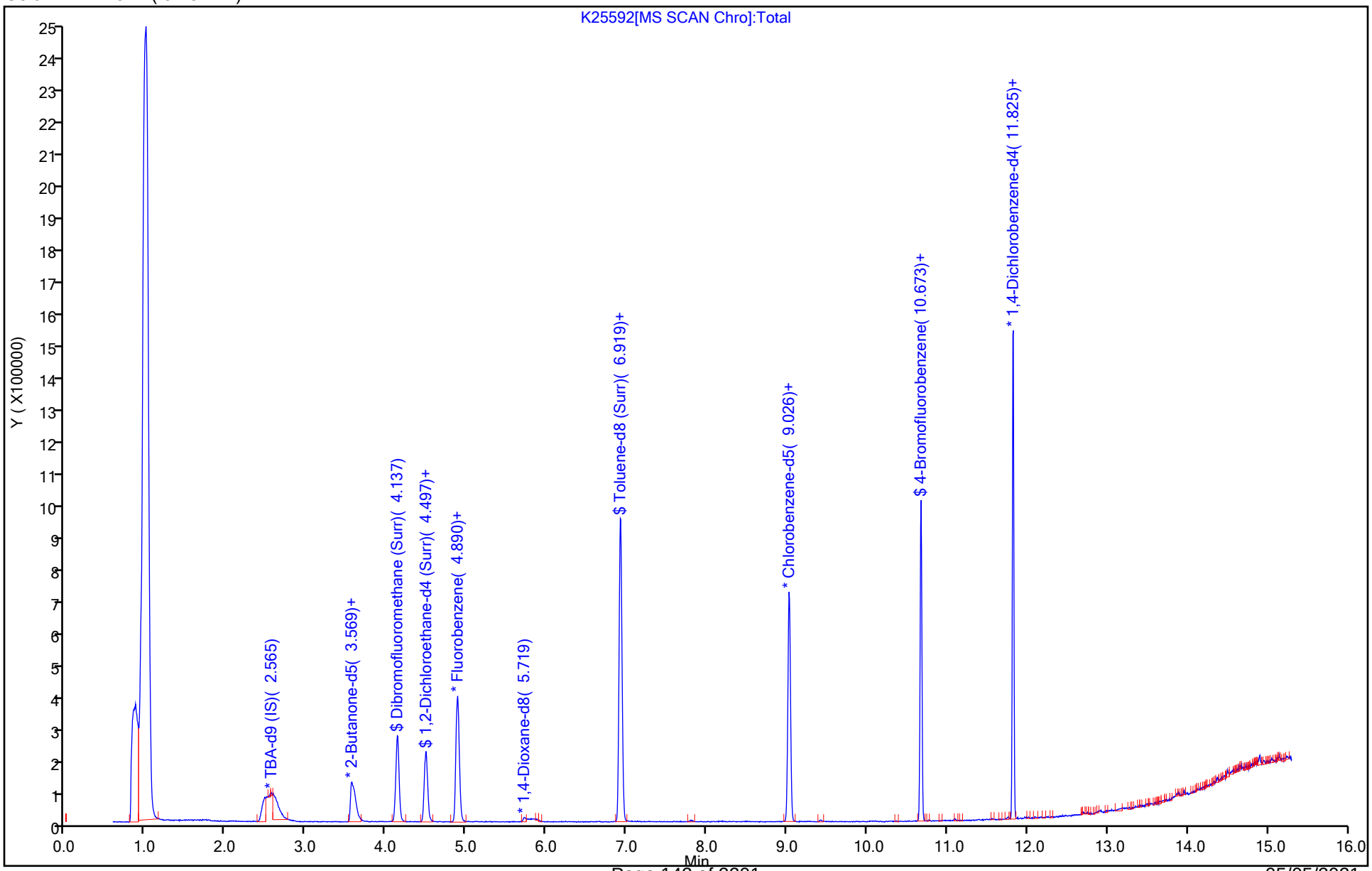
Report Date: 01-May-2021 10:47:05 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25592.D

Injection Date:	01-May-2021 05:58:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-233032-C-8-A	Lab Sample ID:	460-233032-8	Worklist Smp#:	21
Client ID:	SB-06_6-8_20210427				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-763993/4	B69793.D
Level 2	STD5 460-763993/5	B69794.D
Level 3	STD20 460-763993/6	B69795.D
Level 4	STD50 460-763993/7	B69796.D
Level 5	STD200 460-763993/8	B69797.D
Level 6	STD500 460-763993/9	B69798.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.5244 0.5732	0.6804	0.6569	0.6228	0.5819	Ave		0.6066			0.1000	9.5		20.0			
Chlorodifluoromethane	0.1098 0.0665	0.0841	0.0793	0.0729	0.0683	Qua2	0.0349	0.0754	-0.000021						0.9990		0.9900
Chloromethane	0.5610 0.5150	0.6533	0.6311	0.5606	0.5403	Ave		0.5769			0.1000	9.3		20.0			
Butadiene	0.3353 0.3423	0.4627	0.4203	0.3805	0.3489	Ave		0.3817				13.3		20.0			
Vinyl chloride	0.3575 0.3873	0.4813	0.4599	0.4130	0.3946	Ave		0.4156			0.1000	11.2		20.0			
Bromomethane	0.3185 0.2767	0.3563	0.3521	0.3101	0.2893	Ave		0.3172			0.1000	10.2		20.0			
Chloroethane	0.2363 0.2031	0.2834	0.2570	0.2207	0.2074	Ave		0.2347			0.1000	13.2		20.0			
Dichlorofluoromethane	0.6386 0.5279	0.6940	0.6503	0.5766	0.5359	Ave		0.6039				11.1		20.0			
Pentane	0.0444 0.0448	0.0625	0.0512	0.0479	0.0444	Ave		0.0492				14.3		20.0			
Trichlorofluoromethane	0.4927 0.5376	0.6820	0.6360	0.5738	0.5257	Ave		0.5746			0.1000	12.5		20.0			
Ethanol	0.0534 0.0251	0.0334	0.0325	0.0243	0.0235	QuaF		0.0229	0.0000001						1.0000		0.9900
Ethyl ether	0.2056 0.1823	0.2380	0.2180	0.2088	0.1930	Ave		0.2076				9.4		20.0			
2-Methyl-1,3-butadiene	0.2904 0.2469	0.3213	0.2861	0.2749	0.2419	Ave		0.2769				10.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.3287 0.2884	0.3479	0.3231	0.3027	0.2861	Ave		0.3128				7.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	1.1169 1.3740	1.1771	1.5163	1.3103	1.3092	Ave		1.3007				10.9		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.5192 0.4274	0.5197	0.5065	0.4597	0.4249	Ave		0.4762				9.4		20.0			
1,1-Dichloroethene	0.2863 0.2804	0.3336	0.3187	0.2943	0.2760	Ave		0.2982			0.1000	7.7		20.0			
Acetone	0.8792 0.8462	0.6005	0.7831	0.6833	0.8336	Ave		0.7710			0.0500	14.0		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2666 0.3270	0.4131	0.3825	0.3546	0.3178	Ave		0.3436			0.1000	15.0		20.0			
Iodomethane	0.5282 0.5982	0.7013	0.6784	0.6311	0.5919	Ave		0.6215				10.1		20.0			
Carbon disulfide	1.0122 1.0299	1.1864	1.1383	1.0587	0.9991	Ave		1.0708			0.1000	7.0		20.0			
Isopropyl alcohol	0.6199 0.6967	0.7133	0.6200	0.6475	0.7038	Ave		0.6669				6.4		20.0			
3-Chloro-1-propene	0.3583 0.3627	0.3671	0.3804	0.3915	0.3801	Ave		0.3733				3.4		20.0			
Methyl acetate	0.1927 0.1812	0.1685	0.2034	0.1999	0.1968	Ave		0.1904			0.1000	6.9		20.0			
Acetonitrile	0.8514 0.9162	0.8925	1.1055	0.7608	0.7320	Ave		0.8764				15.2		20.0			
Methylene Chloride	0.2994 0.3014	0.3619	0.3524	0.3283	0.3021	Ave		0.3243			0.1000	8.6		20.0			
2-Methyl-2-propanol	0.7792 1.2859	1.4935	1.2633	1.2942	1.3020	Ave		1.2363				19.3		20.0			
Acrylonitrile	4.1300 4.2313	4.7554	4.5598	4.3688	4.0587	Ave		4.3507				6.1		20.0			
trans-1,2-Dichloroethene	0.3114 0.3055	0.3759	0.3507	0.3388	0.3028	Ave		0.3308			0.1000	8.9		20.0			
Methyl tert-butyl ether	0.8897 0.7639	0.8718	0.9151	0.8848	0.8155	Ave		0.8568			0.1000	6.6		20.0			
Hexane	0.3496 0.4704	0.5318	0.5166	0.4925	0.4573	Ave		0.4697				13.8		20.0			
1,1-Dichloroethane	0.5398 0.5564	0.6377	0.6037	0.5787	0.5497	Ave		0.5777			0.2000	6.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	0.4114 0.5254	0.4854	0.4844	0.4471	0.4647	Ave		0.4697				8.2		20.0			
2-Chloro-1,3-butadiene	0.2622 0.2840	0.3110	0.2926	0.2841	0.2719	Ave		0.2843				5.9		20.0			
Isopropyl ether	0.9318 0.9169	1.0829	1.0396	1.0191	0.9200	Ave		0.9850				7.2		20.0			
Tert-butyl ethyl ether	0.2872 0.3601	0.3717	0.3726	0.3758	0.3512	Ave		0.3531				9.5		20.0			
cis-1,2-Dichloroethene	0.3191 0.3433	0.3678	0.3553	0.3488	0.3380	Ave		0.3454			0.1000	4.8		20.0			
2,2-Dichloropropane	0.1308 0.1552	0.1737	0.1679	0.1603	0.1548	Ave		0.1571				9.4		20.0			
2-Butanone (MEK)	0.4787 0.3401	0.3583	0.2983	0.3006	0.3261	Ave		0.3503			0.0500	19.1		20.0			
Propionitrile	0.3967 0.3262	0.2670	0.3490	0.3335	0.3217	Ave		0.3324				12.7		20.0			
Ethyl acetate	0.1751 0.2677	0.2872	0.2186	0.2327	0.2393	Ave		0.2368				16.5		20.0			
Methyl acrylate	0.3301 0.2565	0.2985	0.2755	0.2922	0.2612	Ave		0.2857				9.6		20.0			
Chlorobromomethane	0.1724 0.1704	0.1948	0.1842	0.1777	0.1741	Ave		0.1789				5.1		20.0			
Methacrylonitrile	0.0960 0.0968	0.1051	0.1049	0.1098	0.0975	Ave		0.1017				5.6		20.0			
Tetrahydrofuran	0.1655 0.4037	0.3869	0.3972	0.4022	0.3914	QuaF		0.3858	0.0000178						1.0000		0.9900
Chloroform	0.5699 0.5415	0.6030	0.5739	0.5516	0.5361	Ave		0.5627			0.2000	4.4		20.0			
1,1,1-Trichloroethane	0.5025 0.5120	0.5494	0.5313	0.5218	0.5004	Ave		0.5196			0.1000	3.6		20.0			
Cyclohexane	0.4351 0.5119	0.5521	0.5320	0.5097	0.4915	Ave		0.5054			0.1000	8.0		20.0			
1,1-Dichloropropene	0.3768 0.4381	0.4755	0.4395	0.4317	0.4318	Ave		0.4322				7.3		20.0			
Carbon tetrachloride	0.4202 0.4631	0.5020	0.4746	0.4546	0.4486	Ave		0.4605			0.1000	5.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	1.3841 1.5783	1.6838	1.5708	1.5098	1.5570	Ave		1.5473			0.5000	6.3		20.0			
1,2-Dichloroethane	0.3894 0.3771	0.4108	0.4001	0.3956	0.3857	Ave		0.3931			0.1000	3.0		20.0			
Isobutyl alcohol	0.3181 0.2441	0.2554	0.2293	0.2259	0.2485	Ave		0.2535				13.2		20.0			
Tert-amyl methyl ether	0.8632 0.9595	0.8807	0.9742	1.0178	0.9513	Ave		0.9411				6.2		20.0			
Isopropyl acetate	0.9391 1.1498	1.2620	1.2563	1.3647	1.1715	Ave		1.1906				12.2		20.0			
n-Heptane	0.4487 0.5420	0.6443	0.6175	0.5887	0.5803	Ave		0.5703				12.1		20.0			
Trichloroethene	0.2797 0.3368	0.3380	0.3283	0.3268	0.3324	Ave		0.3237			0.2000	6.8		20.0			
n-Butanol	0.0953 0.1382	0.1254	0.0608	0.0645	0.1032	QuaF		0.0765	0.0000049						1.0000		0.9900
Methylcyclohexane	0.4947 0.6184	0.6013	0.6132	0.6001	0.6045	Ave		0.5887			0.1000	7.9		20.0			
Ethyl acrylate	0.5954 0.7908	0.7984	0.8017	0.8270	0.7922	Ave		0.7676				11.1		20.0			
1,2-Dichloropropane	0.3007 0.3087	0.3117	0.3265	0.3201	0.3178	Ave		0.3142			0.1000	2.9		20.0			
Dibromomethane	0.1809 0.1807	0.1806	0.1857	0.1868	0.1859	Ave		0.1834				1.6		20.0			
1,4-Dioxane	1.1133 0.8741	1.0998	1.1127	1.4297	1.3543	Ave		1.1640				17.2		20.0			
Methyl methacrylate	0.0409 0.0697	0.0647	0.0673	0.0724	0.0695	Ave		0.0641				18.2		20.0			
Dichlorobromomethane	0.3758 0.4087	0.4111	0.3997	0.4038	0.4087	Ave		0.4013			0.2000	3.3		20.0			
n-Propyl acetate	0.3803 0.3447	0.3090	0.3388	0.3817	0.3682	Ave		0.3538				8.0		20.0			
2-Nitropropane	0.0577 0.0608	0.0518	0.0537	0.0638	0.0618	Ave		0.0583				8.2		20.0			
2-Chloroethyl vinyl ether	0.0117 0.0302	0.0135	0.0144	0.0209	0.0261	QuaF		0.0227	0.0000150						1.0000		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	0.0774 0.1807	0.1096	0.1070	0.1290	0.1630	QuaF		0.1466	0.0000034						1.0000		0.9900
cis-1,3-Dichloropropene	0.4395 0.6342	0.5413	0.5512	0.5896	0.6270	Ave		0.5638			0.2000	12.7		20.0			
4-Methyl-2-pentanone (MIBK)	3.0146 2.8461	2.8174	2.9111	2.8384	2.8747	Ave		2.8837			0.0500	2.5		20.0			
Toluene	1.5845 1.7259	1.7259	1.6564	1.6134	1.6921	Ave		1.6664			0.4000	3.5		20.0			
trans-1,3-Dichloropropene	0.3833 0.5495	0.4906	0.4745	0.5146	0.5502	Ave		0.4938			0.1000	12.6		20.0			
1,1,2-Trichloroethane	0.2520 0.2606	0.2649	0.2724	0.2657	0.2688	Ave		0.2641			0.1000	2.7		20.0			
Ethyl methacrylate	0.2471 0.3491	0.2621	0.3231	0.3577	0.3577	Ave		0.3161				15.7		20.0			
Tetrachloroethene	0.4015 0.5099	0.5062	0.4683	0.4762	0.4920	Ave		0.4757			0.2000	8.4		20.0			
1,3-Dichloropropane	0.4859 0.5446	0.5304	0.5446	0.5373	0.5487	Ave		0.5319				4.4		20.0			
2-Hexanone	1.5736 2.0565	1.6902	1.9049	2.0039	2.0872	Ave		1.8861			0.0500	11.1		20.0			
Chlorodibromomethane	0.3312 0.4066	0.3440	0.3650	0.3740	0.3996	Ave		0.3701			0.1000	8.0		20.0			
Ethylene Dibromide	0.2716 0.3323	0.3151	0.3201	0.3328	0.3395	Ave		0.3186			0.1000	7.7		20.0			
n-Butyl acetate	0.0649 0.0839	0.0810	0.0785	0.0830	0.0843	Ave		0.0793				9.3		20.0			
Chlorobenzene	0.9407 1.1261	1.1106	1.0921	1.0700	1.1092	Ave		1.0748			0.5000	6.4		20.0			
1,1,1,2-Tetrachloroethane	0.3602 0.4477	0.3891	0.4031	0.4036	0.4433	Ave		0.4078				8.1		20.0			
Ethylbenzene	0.4480 0.6447	0.6000	0.6117	0.5954	0.6333	Ave		0.5888			0.1000	12.2		20.0			
m-Xylene & p-Xylene	0.5060 0.7864	0.7102	0.7293	0.7212	0.7712	Ave		0.7041			0.1000	14.4		20.0			
o-Xylene	0.5529 0.7717	0.6754	0.7156	0.7241	0.7735	Ave		0.7022			0.3000	11.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Styrene	0.9150 1.3195	1.0691	1.1807	1.2140	1.2883	Ave		1.1644			0.3000	12.9		20.0			
n-Butyl acrylate	0.1766 0.2590	0.1933	0.2136	0.2501	0.2578	Ave		0.2251				15.8		20.0			
Bromoform	0.2372 0.3008	0.2428	0.2583	0.2808	0.2937	Ave		0.2689			0.1000	9.9		20.0			
Amyl acetate (mixed isomers)	0.8071 0.9925	0.7425	0.8459	0.9977	1.0152	Ave		0.9001				12.9		20.0			
Isopropylbenzene	1.2940 2.1765	1.8868	1.9771	1.9873	2.1315	Ave		1.9089			0.1000	16.7		20.0			
Bromobenzene	0.7291 0.8638	0.8478	0.8321	0.8361	0.8489	Ave		0.8263				5.9		20.0			
1,2,3-Trichloropropane	0.2540 0.1956	0.2243	0.2124	0.2062	0.2053	Ave		0.2163				9.6		20.0			
1,1,2,2-Tetrachloroethane	0.6923 0.7120	0.7788	0.7231	0.7536	0.7463	Ave		0.7344			0.3000	4.3		20.0			
trans-1,4-Dichloro-2-butene	0.1153 0.2067	0.1664	0.1695	0.1928	0.2032	Ave		0.1757				19.4		20.0			
N-Propylbenzene	0.7367 0.9719	0.9388	0.9181	0.9107	0.9555	Ave		0.9053				9.5		20.0			
2-Chlorotoluene	0.6755 0.8580	0.7962	0.8295	0.7953	0.8429	Ave		0.7996				8.2		20.0			
4-Ethyltoluene	2.3900 3.4316	3.1156	3.2136	3.1968	3.2704	Ave		3.1030				11.8		20.0			
4-Chlorotoluene	2.2386 2.8180	2.7447	2.7752	2.6896	2.7723	Ave		2.6731				8.1		20.0			
1,3,5-Trimethylbenzene	2.0563 3.0618	2.6697	2.7498	2.7016	2.9822	Ave		2.7035				13.1		20.0			
Butyl Methacrylate	0.5155 0.8585	0.5523	0.6249	0.7643	0.8312	QuaF		0.8008	0.0001162						1.0000		0.9900
tert-Butylbenzene	1.4916 2.5966	2.0751	2.1866	2.2396	2.5158	Ave		2.1842				18.0		20.0			
1,2,4-Trimethylbenzene	2.1656 3.0691	2.6709	2.8435	2.8003	3.0201	Ave		2.7616				11.8		20.0			
sec-Butylbenzene	2.4971 4.0911	3.4938	3.6334	3.6076	3.9751	Ave		3.5497				15.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Dichlorobenzene	1.5023 1.7146	1.7232	1.6683	1.6351	1.6973	Ave		1.6568			0.6000	5.0		20.0			
1,4-Dichlorobenzene	1.6130 1.6981	1.7660	1.6757	1.6403	1.6792	Ave		1.6787			0.5000	3.1		20.0			
4-Isopropyltoluene	2.3564 3.5560	3.0857	3.0587	3.1106	3.4608	Ave		3.1047				13.6		20.0			
1,2,3-Trimethylbenzene	2.2528 3.1583	2.7784	2.8569	2.8810	3.0512	Ave		2.8298				11.1		20.0			
Benzyl chloride	0.0965 0.2709	0.1332	0.1257	0.1793	0.2454	QuaF		0.2186	0.0001054						0.9990		0.9900
Indan	1.0220 1.4281	1.2408	1.3495	1.4241	1.3946	Ave		1.3098				12.0		20.0			
1,2-Dichlorobenzene	1.4203 1.6958	1.6402	1.6004	1.6146	1.6819	Ave		1.6089			0.4000	6.2		20.0			
p-Diethylbenzene	1.2439 1.8724	1.6452	1.7131	1.7318	1.7935	Ave		1.6667				13.3		20.0			
n-Butylbenzene	1.2883 2.0026	1.7983	1.8184	1.7757	1.8836	Ave		1.7611				13.9		20.0			
1,2-Dibromo-3-Chloropropane	0.1388 0.1640	0.1496	0.1456	0.1703	0.1838	Ave		0.1587			0.0500	10.7		20.0			
1,2,4,5-Tetramethylbenzene	2.2743 2.9216	2.6788	2.9556	3.1261	3.3541	Ave		2.8851				13.0		20.0			
1,3,5-Trichlorobenzene	1.2248 1.5909	1.5096	1.4139	1.4063	1.5146	Ave		1.4433				8.8		20.0			
1,2,4-Trichlorobenzene	1.2445 1.4151	1.2816	1.2406	1.2851	1.4247	Ave		1.3153			0.2000	6.3		20.0			
Hexachlorobutadiene	0.5903 0.8895	0.7559	0.6910	0.7025	0.8212	Ave		0.7417				14.2		20.0			
Naphthalene	2.6758 2.5544	2.2558	2.2718	2.7549	3.1374	Ave		2.6084				12.7		20.0			
1,2,3-Trichlorobenzene	1.1601 1.3669	1.2611	1.1425	1.2563	1.3784	Ave		1.2609				7.9		20.0			
Dibromofluoromethane (Surr)	0.2978 0.2698	0.2752	0.2811	0.2952	0.2871	Ave		0.2844				3.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3029 0.2699	0.2874	0.2873	0.3132	0.2990	Ave		0.2933				5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene-d8 (Surr)	1.3038 1.3296	1.2808	1.3046	1.3273	1.4235	Ave		1.3283				3.8		20.0			
4-Bromofluorobenzene	0.7748 0.7629	0.7554	0.7773	0.7711	0.8238	Ave		0.7776				3.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-763993/4	B69793.D
Level 2	STD5 460-763993/5	B69794.D
Level 3	STD20 460-763993/6	B69795.D
Level 4	STD50 460-763993/7	B69796.D
Level 5	STD200 460-763993/8	B69797.D
Level 6	STD500 460-763993/9	B69798.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	5817 4556712	41334	152971	399857	1665163	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Qua2	1218 528512	5111	18456	46830	195458	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6223 4094194	39685	146956	359895	1546202	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	3719 2721038	28105	97872	244298	998439	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	3966 3078690	29239	107092	265129	1129233	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	3533 2199510	21642	81982	199066	827948	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2621 1614618	17216	59849	141681	593548	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	7084 4196849	42160	151423	370171	1533485	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	986 711973	7591	23866	61470	253999	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	5465 4273736	41431	148088	368386	1504166	1.00 500	5.00	20.0	50.0	200
Ethanol	TBAd 9	QuaF	559 139056	1659	5981	14222	51122	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Ave	2281 1449420	14458	50772	134045	552323	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	3221 1962695	19520	66626	176498	692074	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	3646 2292556	21135	75247	194362	818737	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	29242 228478	58451	104749	153195	178051	100 600	200	300	400	500
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	5759 3397489	31570	117954	295138	1215793	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3176 2229056	20264	74209	188923	789790	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Ave	4595 2907771	17435	79884	221867	1113233	5.00 2500	25.0	100	250	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	2957 2599431	25092	89074	227644	909423	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	5859 4755316	42601	157960	405158	1693817	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	11227 8187707	72071	265054	679707	2859048	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	1623 965365	8855	28553	94623	382856	10.0 5000	50.0	200	500	2000
3-Chloro-1-propene	FB	Ave	3974 2883195	22299	88577	251345	1087719	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	4274 2880635	20477	94713	256618	1126269	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	2229 1269586	11079	50914	111181	398211	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	3321 2395940	21985	82056	210795	864493	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	2040 1781804	18540	58181	189130	708310	10.0 5000	50.0	200	500	2000

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	TBAd9	Ave	10813 5863165	59032	209996	638462	2207965	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	3454 2428624	22834	81666	217521	866325	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	9869 6073316	52959	213085	568034	2333425	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	3878 3739695	32304	120297	316181	1308494	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5988 4423097	38740	140574	371515	1572944	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	BUT	Ave	860 722154	5637	19764	58070	248213	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	2908 2257482	18892	68138	182427	777969	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	10336 7289088	65781	242071	654283	2632703	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	3186 2862432	22577	86755	241258	1004917	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3539 2728860	22344	82728	223952	967303	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	1451 1233596	10552	39091	102892	442914	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	2502 1168587	10403	30427	97612	435428	5.00 2500	25.0	100	250	1000
Propionitrile	BUT	Ave	4147 2241782	15503	71201	216559	859320	10.0 5000	50.0	200	500	2000
Ethyl acetate	BUT	Ave	366 367894	3335	8922	30219	127812	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	3661 2038961	18135	64150	187569	747536	1.00 500	5.00	20.0	50.0	200
Chlorobromomethane	FB	Ave	1912 1354831	11832	42899	114059	498274	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	10644 7698529	63864	244232	704950	2788638	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	QuaF	346	4493	16209	52237	209064	2.00	10.0	40.0	100	400

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			554812					1000				
Chloroform	FB	Ave	6322 4304905	36628	133639	354116	1533973	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5574 4070216	33372	123708	334985	1431973	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	4826 4069820	33540	123889	327227	1406465	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4180 3482571	28884	102350	277145	1235560	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4661 3682014	30492	110522	291847	1283606	1.00 500	5.00	20.0	50.0	200
Benzene	CBNZ d5	Ave	12490 9736662	78429	293063	783256	3449538	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4319 2997983	24953	93158	253954	1103655	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd 9	Ave	2082 845575	7925	26404	82526	338012	25.0 12500	125	500	1250	5000
Tert-amyl methyl ether	FB	Ave	9575 7628381	53501	226851	653422	2722092	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	10417 9140717	76665	292539	876172	3352254	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	4977 4308586	39142	143798	377933	1660581	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	3102 2677799	20533	76456	209795	951145	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd 9	QuaF	624 478580	3892	6998	23566	140293	25.0 12500	125	500	1250	5000
Methylcyclohexane	FB	Ave	5487 4916564	36524	142792	385276	1729683	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	6604 6286760	48500	186677	530948	2266867	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3335 2454144	18933	76038	205506	909334	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	2007 1436264	10969	43240	119958	531922	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	Ave	361 243748	2102	7150	21909	92235	20.0 10000	100	400	1000	4000
Methyl methacrylate	FB	Ave	907 1108204	7855	31333	93009	397959	2.00 1000	10.0	40.0	100	400
Dichlorobromomethane	FB	Ave	4169 3249197	24970	93069	259217	1169452	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	4218 2740266	18773	78894	245029	1053735	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	1279 966735	6290	24998	81895	353922	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	QuaF	130 240596	822	3365	13454	74843	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	QuaF	1618 2483309	12726	43679	167564	870443	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	3966 3912112	25214	102843	305869	1389063	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	15755 9779529	81799	296973	921644	3838881	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	14298 10647116	80392	309034	837007	3748781	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	3459 3389936	22851	88529	266988	1219069	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	2274 1607510	12341	50823	137852	595608	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	2741 2774987	15923	75228	229645	1023487	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZ d5	Ave	3623 3145379	23580	87373	247053	1090024	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3-Dichloropropane	CBNZ d5	Ave	4385 3359943	24704	101606	278750	1215664	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	8224 7066417	49071	194329	650670	2787250	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZ d5	Ave	2989 2508484	16025	68096	194017	885291	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	2451 2049853	14675	59727	172653	752095	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZ d5	Ave	586 517696	3772	14640	43066	186728	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	8489 6946726	51729	203762	555071	2457390	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	3250 2761644	18122	75202	209356	982226	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	4043 3976894	27947	114127	308861	1403028	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	4566 4851268	33080	136076	374139	1708694	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	4989 4760532	31461	133511	375640	1713635	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Ave	8257 8139873	49798	220288	629784	2854199	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	Ave	1594 1597927	9003	39853	129747	571178	1.00 500	5.00	20.0	50.0	200

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GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
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Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Bromoform	CBNZ d5	Ave	2140 1855693	11309	48198	145679	650689	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	Ave	4255 3813706	20471	95593	321681	1393812	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	11677 13426997	87887	368887	1030985	4722293	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	3844 3319113	23375	94033	269575	1165543	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	1339 751568	6183	24007	66480	281916	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	3650 2736086	21472	81717	242992	1024674	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	608 794221	4587	19157	62150	279042	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	3884 3734714	25882	103756	293641	1311870	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	3561 3296867	21952	93743	256422	1157306	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd 4	Ave	12600 13186103	85897	363154	1030760	4490099	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	11802 10828541	75671	313617	867204	3806258	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	10841 11765105	73603	310742	871075	4094410	1.00 500	5.00	20.0	50.0	200

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Butyl Methacrylate	DCBd 4	QuaF	2718 3298951	15227	70615	246437	1141156	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	7864 9977629	57211	247095	722110	3454061	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	11417 11793164	73637	321337	902913	4146579	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	13165 15720451	96325	410592	1163227	5457649	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	7920 6588705	47510	188534	527209	2330350	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	8504 6525078	48689	189366	528895	2305437	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	12423 13664457	85073	345655	1002968	4751588	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	11877 12136009	76600	322852	928935	4189165	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	QuaF	509 1041055	3671	14205	57822	336958	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	11336 11353522	75374	314247	914266	3990699	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	7488 6516193	45221	180852	520590	2309219	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	6558 7195049	45358	193594	558396	2462456	1.00 500	5.00	20.0	50.0	200

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SDG No.:

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Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCBd 4	Ave	6792 7695136	49579	205492	572540	2586075	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	732 630309	4124	16450	54924	252356	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	11990 11226455	73854	334006	1007950	4605024	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	6457 6113217	41620	159775	453451	2079484	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	6561 5437743	35334	140201	414360	1956056	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	3112 3418182	20840	78093	226526	1127451	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Ave	14107 9815533	62192	256730	888276	4307619	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	6116 5252381	34770	129112	405072	1892566	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	165143 214521	167189	163612	189500	205358	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	167997 214606	174600	167267	201060	213929	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	588255 820207	596595	608529	688587	788431	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCBd 4	Ave	204227 293142	208278	219613	248625	282761	50.0 50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

Curve Type Legend

Ave = Average ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 11-Mar-2021 09:56:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0125263-004
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:00:20 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 11-Mar-2021 11:41:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.697	0.685	0.012	6	6792	NC	NC	M
4 Chlorodifluoromethane	67	0.715	0.691	0.024	24	1218	1.00	0.99	M
3 Dichlorodifluoromethane	85	0.703	0.697	0.006	29	5817	1.00	0.8645	
5 Chloromethane	50	0.788	0.776	0.012	96	6223	1.00	0.9725	
6 Butadiene	54	0.807	0.801	0.006	90	3719	1.00	0.8785	
7 Vinyl chloride	62	0.831	0.825	0.006	43	3966	1.00	0.8603	M
8 Bromomethane	94	0.947	0.953	-0.006	58	3533	1.00	1.00	M
9 Chloroethane	64	0.977	0.971	0.006	48	2621	1.00	1.01	
10 Dichlorofluoromethane	67	1.069	1.075	-0.006	86	7084	1.00	1.06	a
12 Pentane	72	1.087	1.099	-0.012	96	986	2.00	1.81	M
11 Trichlorofluoromethane	101	1.081	1.112	-0.031	47	5465	1.00	0.8574	M
14 Ethanol	46	1.197	1.191	0.006	56	559	40.0	93.2	
13 Ethyl ether	59	1.203	1.191	0.012	79	2281	1.00	0.99	
15 2-Methyl-1,3-butadiene	53	1.227	1.209	0.018	41	3221	1.00	1.05	Ma
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.240	1.240	0.000	42	3646	1.00	1.05	M
18 Acrolein	56	1.276	1.264	0.012	94	29242	100.0	85.9	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.258	1.276	-0.018	46	5759	1.00	1.09	Ma
19 1,1-Dichloroethene	96	1.325	1.319	0.006	83	3176	1.00	0.9602	
21 Acetone	43	1.362	1.343	0.019	20	4595	5.00	5.70	Ma
20 112TCTFE	101	1.355	1.355	0.000	28	2957	1.00	0.7759	Ma
22 Iodomethane	142	1.398	1.392	0.006	90	5859	1.00	0.8499	
23 Carbon disulfide	76	1.435	1.422	0.013	96	11227	1.00	0.9453	M
24 Isopropyl alcohol	45	1.459	1.441	0.018	24	1623	10.0	9.30	a
25 3-Chloro-1-propene	39	1.520	1.508	0.012	81	3974	1.00	0.9596	
26 Methyl acetate	43	1.544	1.532	0.012	21	4274	2.00	2.02	a
27 Acetonitrile	39	1.569	1.550	0.019	22	2229	10.0	9.71	Ma
28 Methylene Chloride	84	1.593	1.587	0.006	93	3321	1.00	0.9233	
* 29 TBA-d9 (IS)	65	1.648	1.642	0.006	0	261816	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.685	1.697	-0.012	31	2040	10.0	6.30	
31 Acrylonitrile	53	1.746	1.733	0.013	90	10813	10.0	9.49	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.752	1.746	0.006	90	3454	1.00	0.9412	
33 Methyl tert-butyl ether	73	1.782	1.776	0.006	57	9869	1.00	1.04	
34 Hexane	57	1.922	1.928	-0.006	82	3878	1.00	0.7443	
35 1,1-Dichloroethane	63	2.020	2.020	0.000	28	5988	1.00	0.9345	
36 Vinyl acetate	86	2.087	2.087	0.000	97	860	2.00	1.75	
37 2-Chloro-1,3-butadiene	88	2.099	2.087	0.012	61	2908	1.00	0.9222	
38 Isopropyl ether	45	2.111	2.099	0.012	71	10336	1.00	0.9460	
39 Tert-butyl ethyl ether	87	2.386	2.373	0.013	65	3186	1.00	0.8135	a
* 40 2-Butanone-d5	46	2.447	2.428	0.019	0	261312	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.459	2.453	0.006	62	3539	1.00	0.9238	
42 2,2-Dichloropropane	79	2.465	2.471	-0.006	45	1451	1.00	0.8327	a
43 2-Butanone (MEK)	72	2.495	2.471	0.024	69	2502	5.00	6.83	a
44 Propionitrile	54	2.544	2.532	0.012	27	4147	10.0	11.9	
45 Ethyl acetate	70	2.550	2.556	-0.006	11	366	2.00	1.48	
62 Methyl acrylate	55	2.587	2.569	0.018	29	3661	1.00	1.16	a
46 Chlorobromomethane	128	2.660	2.648	0.012	58	1912	1.00	0.9634	M
47 Methacrylonitrile	67	2.654	2.654	0.000	88	10644	10.0	9.44	
48 Tetrahydrofuran	72	2.727	2.697	0.030	35	346	2.00	0.8580	a
49 Chloroform	83	2.745	2.739	0.006	94	6322	1.00	1.01	M
$ 50 Dibromofluoromethane (Surr)	113	2.880	2.873	0.007	97	165143	50.0	52.4	
51 1,1,1-Trichloroethane	97	2.904	2.879	0.025	60	5574	1.00	0.9672	M
52 Cyclohexane	84	2.928	2.922	0.006	92	4826	1.00	0.8609	
54 1,1-Dichloropropene	75	3.020	3.026	-0.006	93	4180	1.00	0.8718	a
53 Carbon tetrachloride	117	3.026	3.032	-0.006	92	4661	1.00	0.9125	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.178	3.172	0.006	0	167997	50.0	51.6	
56 Benzene	78	3.221	3.221	0.000	45	12490	1.00	0.8946	
57 1,2-Dichloroethane	62	3.251	3.245	0.006	74	4319	1.00	0.99	M
58 Isobutyl alcohol	42	3.392	3.337	0.055	35	2082	25.0	31.4	M
59 Tert-amyl methyl ether	73	3.398	3.385	0.013	42	9575	1.00	0.9172	
73 Isopropyl acetate	43	3.392	3.398	-0.006	47	10417	1.00	0.7888	a
* 60 Fluorobenzene	96	3.532	3.520	0.012	99	554611	50.0	50.0	
61 n-Heptane	43	3.587	3.574	0.013	36	4977	1.00	0.7868	a
63 Trichloroethene	95	3.922	3.928	-0.006	75	3102	1.00	0.8640	a
64 n-Butanol	43	4.148	4.093	0.055	12	624	25.0	31.1	M
65 Methylcyclohexane	83	4.135	4.135	0.000	77	5487	1.00	0.8403	
66 Ethyl acrylate	55	4.148	4.154	-0.006	24	6604	1.00	0.7757	a
67 1,2-Dichloropropane	63	4.166	4.184	-0.018	67	3335	1.00	0.9568	a
68 Dibromomethane	93	4.312	4.318	-0.006	49	2007	1.00	0.9864	a
* 69 1,4-Dioxane-d8	96	4.373	4.361	0.012	0	16213	1000.0	1000.0	M
70 1,4-Dioxane	88	4.337	4.404	-0.067	28	361	20.0	19.1	Ma
71 Methyl methacrylate	100	4.459	4.440	0.018	35	907	2.00	1.28	
72 Dichlorobromomethane	83	4.562	4.562	0.000	90	4169	1.00	0.9366	
81 n-Propyl acetate	43	4.593	4.574	0.019	78	4218	1.00	1.07	
74 2-Nitropropane	41	4.891	4.891	0.000	38	1279	2.00	1.98	
75 2-Chloroethyl vinyl ether	63	5.147	5.086	0.061	1	130	1.00	0.5161	a
76 Epichlorohydrin	57	5.123	5.086	0.037	38	1618	20.0	10.6	Ma
77 cis-1,3-Dichloropropene	75	5.202	5.184	0.018	94	3966	1.00	0.7796	a
78 4-Methyl-2-pentanone (MIBK)	43	5.489	5.489	0.000	90	15755	5.00	5.23	a
$ 79 Toluene-d8 (Surr)	98	5.556	5.550	0.006	99	588255	50.0	49.1	
80 Toluene	91	5.653	5.653	0.000	91	14298	1.00	0.9509	
82 trans-1,3-Dichloropropene	75	6.086	6.080	0.006	93	3459	1.00	0.7763	a
83 1,1,2-Trichloroethane	83	6.336	6.342	-0.006	90	2274	1.00	0.9543	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.354	6.348	0.006	73	2741	1.00	0.7817	a
85 Tetrachloroethene	166	6.489	6.495	-0.006	97	3623	1.00	0.8440	M
86 1,3-Dichloropropane	76	6.604	6.586	0.018	90	4385	1.00	0.9136	a
87 2-Hexanone	43	6.885	6.879	0.006	95	8224	5.00	4.17	
88 Chlorodibromomethane	129	6.958	6.952	0.006	71	2989	1.00	0.8951	M
89 Ethylene Dibromide	107	7.074	7.062	0.012	37	2451	1.00	0.8526	
90 n-Butyl acetate	73	7.226	7.214	0.012	96	586	1.00	0.8193	
* 91 Chlorobenzene-d5	117	7.958	7.958	0.000	86	451183	50.0	50.0	
92 Chlorobenzene	112	8.013	8.007	0.006	70	8489	1.00	0.8753	
93 1,1,1,2-Tetrachloroethane	131	8.232	8.232	0.000	86	3250	1.00	0.8832	
94 Ethylbenzene	106	8.299	8.305	-0.006	98	4043	1.00	0.7609	
95 m-Xylene & p-Xylene	106	8.555	8.561	-0.006	97	4566	1.00	0.7187	M
96 o-Xylene	106	9.287	9.281	0.006	94	4989	1.00	0.7874	
97 Styrene	104	9.330	9.323	0.007	95	8257	1.00	0.7858	
98 n-Butyl acrylate	73	9.519	9.500	0.018	73	1594	1.00	0.7848	
99 Bromoform	173	9.579	9.567	0.012	69	2140	1.00	0.8818	
101 Amyl acetate (mixed isomers)	43	9.988	9.982	0.006	81	4255	1.00	0.8966	
102 Isopropylbenzene	105	10.018	10.018	0.000	96	11677	1.00	0.6779	
$ 103 4-Bromofluorobenzene	174	10.226	10.226	0.000	93	204227	50.0	49.8	
104 Bromobenzene	156	10.396	10.396	0.000	97	3844	1.00	0.8824	
105 1,2,3-Trichloropropane	110	10.610	10.616	-0.006	83	1339	1.00	1.17	
106 1,1,2,2-Tetrachloroethane	83	10.634	10.628	0.006	93	3650	1.00	0.9428	
107 trans-1,4-Dichloro-2-butene	53	10.726	10.732	-0.006	1	608	1.00	0.6566	
108 N-Propylbenzene	120	10.762	10.756	0.006	97	3884	1.00	0.8138	
109 2-Chlorotoluene	126	10.805	10.799	0.006	91	3561	1.00	0.8448	
110 4-Ethyltoluene	105	10.976	10.975	0.001	97	12600	1.00	0.7702	
111 4-Chlorotoluene	91	11.012	11.012	0.000	96	11802	1.00	0.8375	
112 1,3,5-Trimethylbenzene	105	11.110	11.110	0.000	91	10841	1.00	0.7606	
100 Butyl Methacrylate	87	11.469	11.475	-0.006	89	2718	1.00	0.6437	
113 tert-Butylbenzene	119	11.640	11.640	0.000	91	7864	1.00	0.6829	
114 1,2,4-Trimethylbenzene	105	11.719	11.725	-0.006	96	11417	1.00	0.7842	
115 sec-Butylbenzene	105	12.048	12.054	-0.006	98	13165	1.00	0.7035	
116 1,3-Dichlorobenzene	146	12.122	12.128	-0.006	94	7920	1.00	0.9067	
* 117 1,4-Dichlorobenzene-d4	152	12.280	12.280	0.000	96	263602	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.323	12.329	-0.006	90	8504	1.00	0.9609	
119 4-Isopropyltoluene	119	12.390	12.408	-0.018	96	12423	1.00	0.7590	
120 1,2,3-Trimethylbenzene	105	12.512	12.512	0.000	98	11877	1.00	0.7961	
121 Benzyl chloride	126	12.652	12.664	-0.012	96	509	1.00	0.4416	
122 2,3-Dihydroindene	117	12.804	12.804	0.000	92	11336	1.00	0.7802	
123 1,2-Dichlorobenzene	146	12.945	12.945	0.000	93	7488	1.00	0.8828	
124 p-Diethylbenzene	119	13.042	13.042	0.000	91	6558	1.00	0.7464	
125 n-Butylbenzene	92	13.060	13.066	-0.006	95	6792	1.00	0.7315	
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	18	732	1.00	0.8749	
127 1,2,4,5-Tetramethylbenzene	119	13.780	13.780	0.000	97	11990	1.00	0.7883	
128 1,3,5-Trichlorobenzene	180	13.920	13.926	-0.006	97	6457	1.00	0.8486	
129 1,2,4-Trichlorobenzene	180	14.359	14.359	0.000	90	6561	1.00	0.9462	
130 Hexachlorobutadiene	225	14.499	14.499	0.000	90	3112	1.00	0.7958	
131 Naphthalene	128	14.505	14.511	-0.006	98	14107	1.00	1.03	
132 1,2,3-Trichlorobenzene	180	14.664	14.664	0.000	95	6116	1.00	0.9200	
S 133 1,2-Dichloroethene, Total	100				0		2.00	1.86	
S 134 1,3-Dichloropropene, Total	100				0		2.00	1.56	
S 135 Xylenes, Total	100				0		2.00	1.51	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		5.00	4.11	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00120	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00133	Amount Added:	1.00	Units: uL	
524freon_00034	Amount Added:	1.00	Units: uL	
GASES Li_00411	Amount Added:	1.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:00:28 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D

Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2 Operator ID:

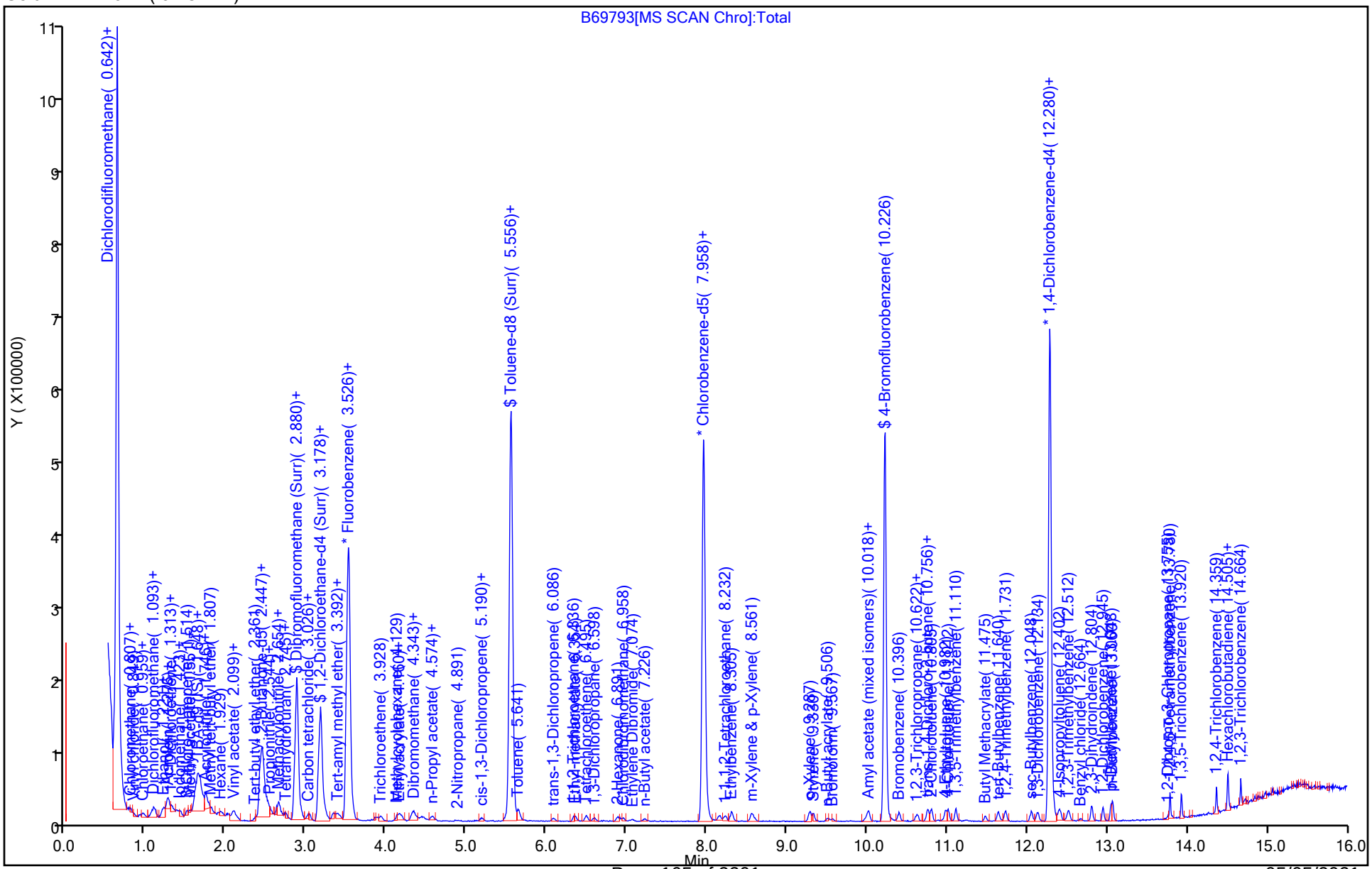
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

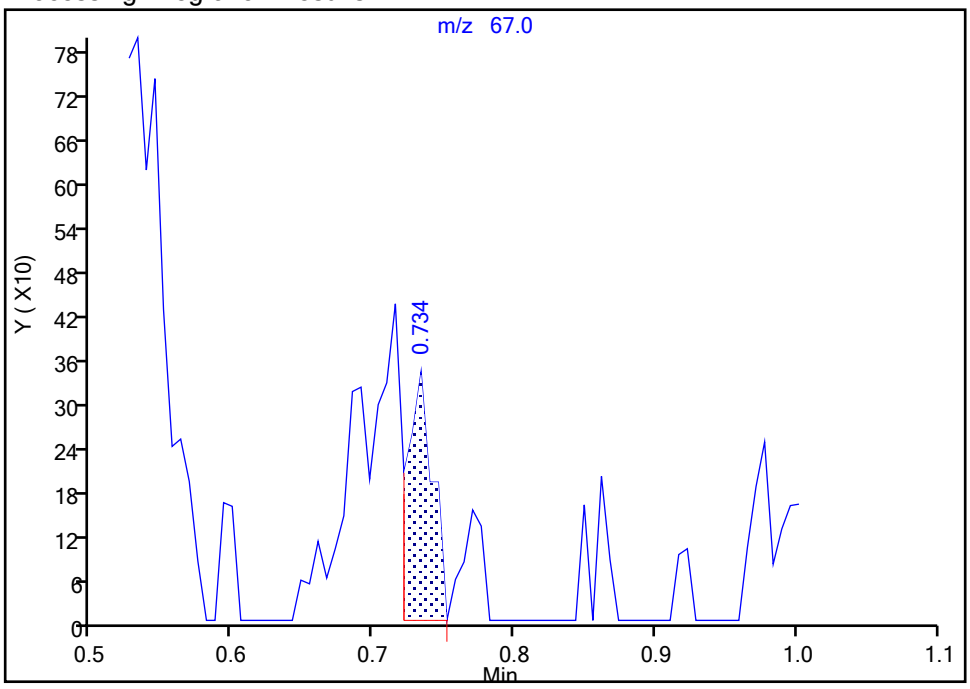
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

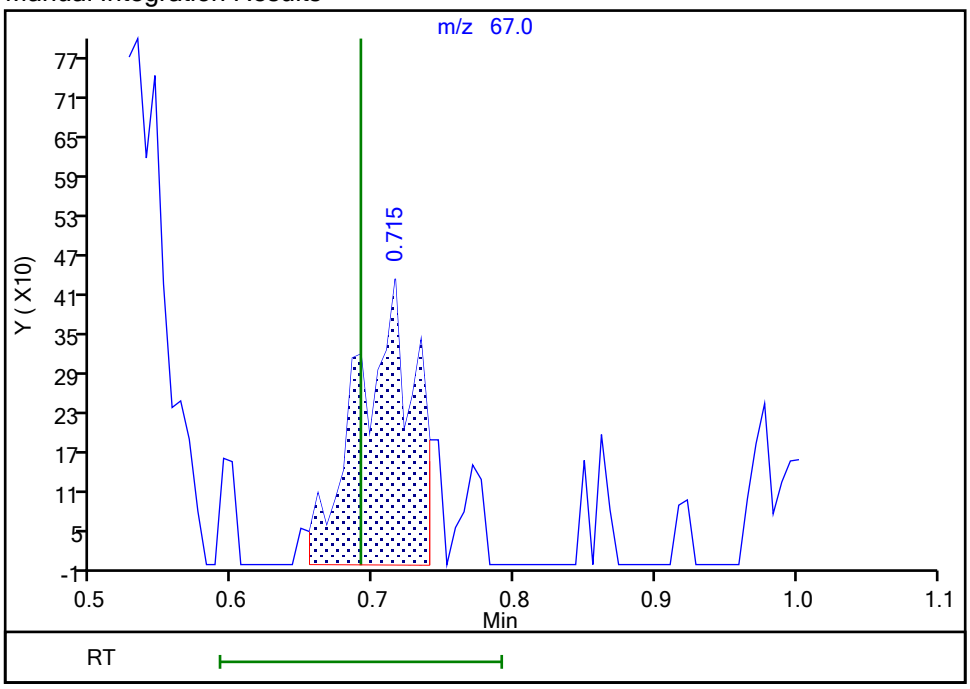
Processing Integration Results

RT: 0.73
Area: 430
Amount: 0.465151
Amount Units: ug/l



Manual Integration Results

RT: 0.72
Area: 1218
Amount: 0.994157
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:31:53
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

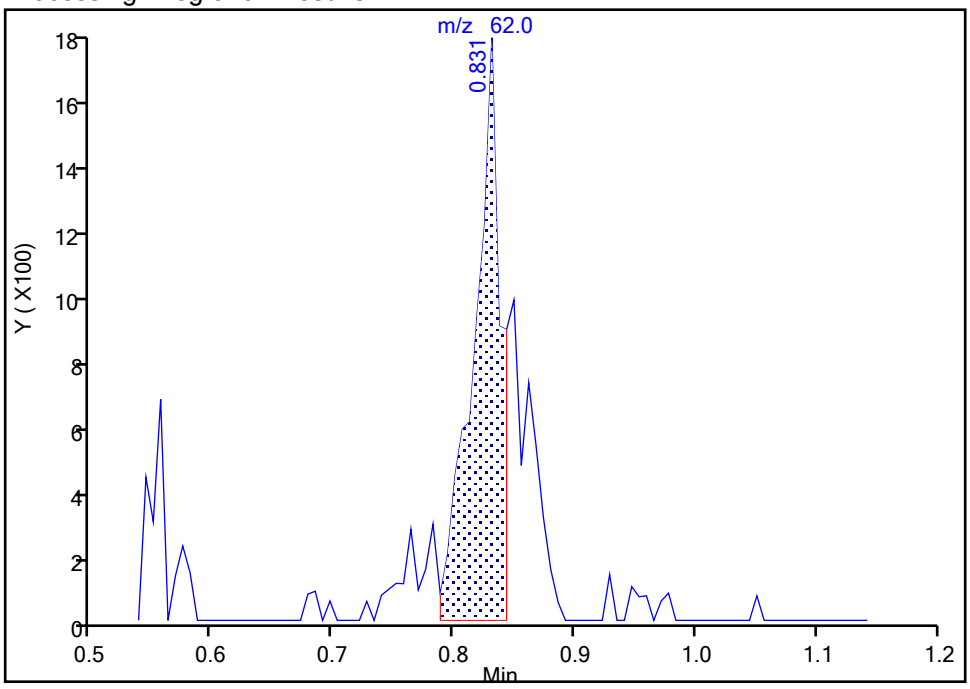
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

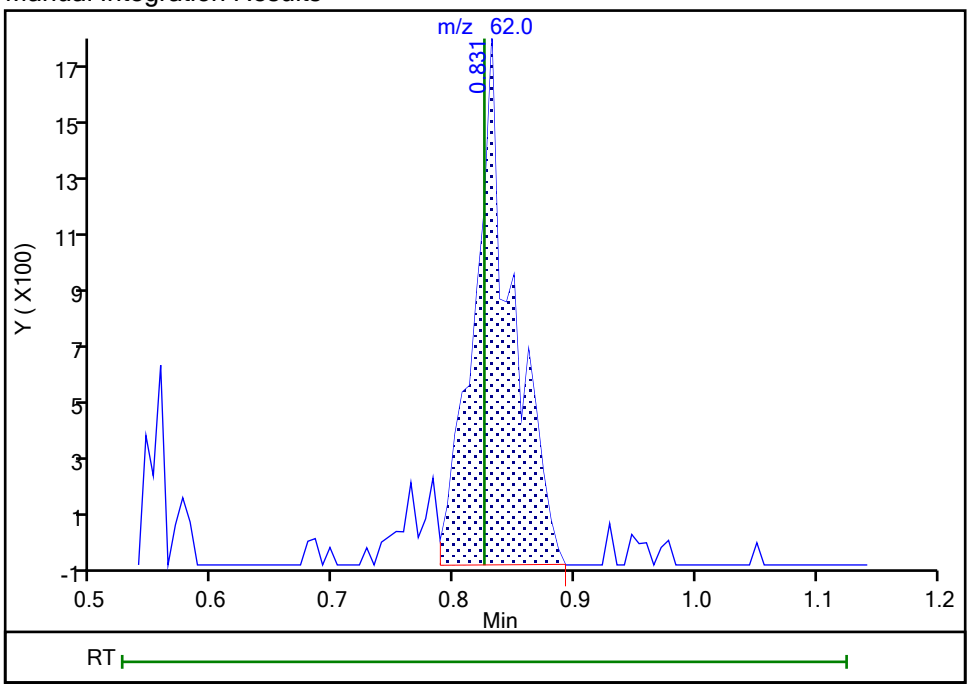
Processing Integration Results

RT: 0.83
Area: 2786
Amount: 0.513973
Amount Units: ug/l



Manual Integration Results

RT: 0.83
Area: 3966
Amount: 0.860308
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:32:09
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

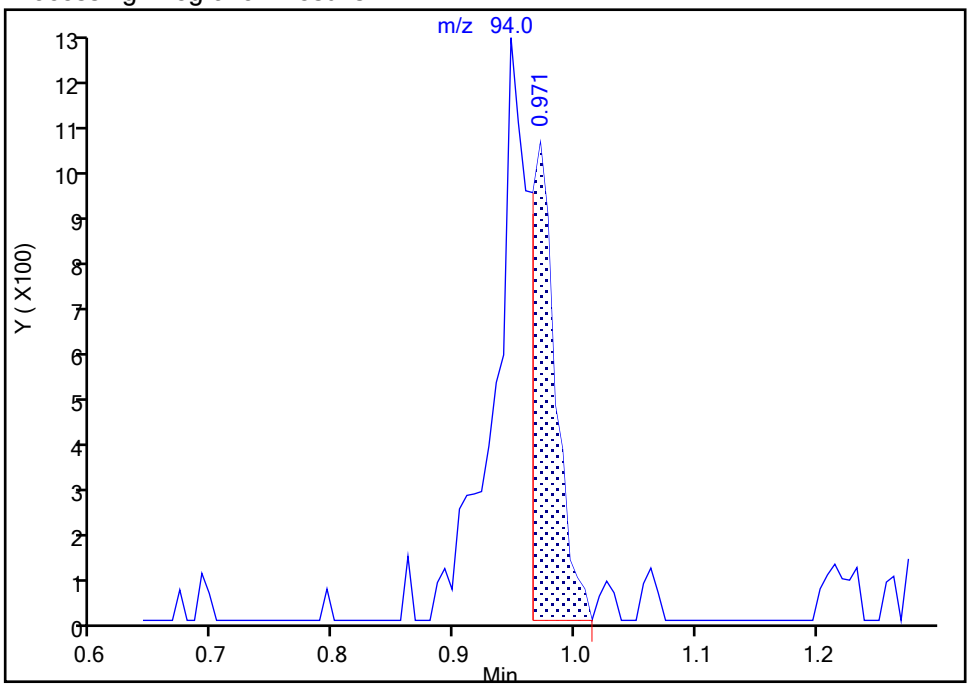
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

8 Bromomethane, CAS: 74-83-9

Signal: 1

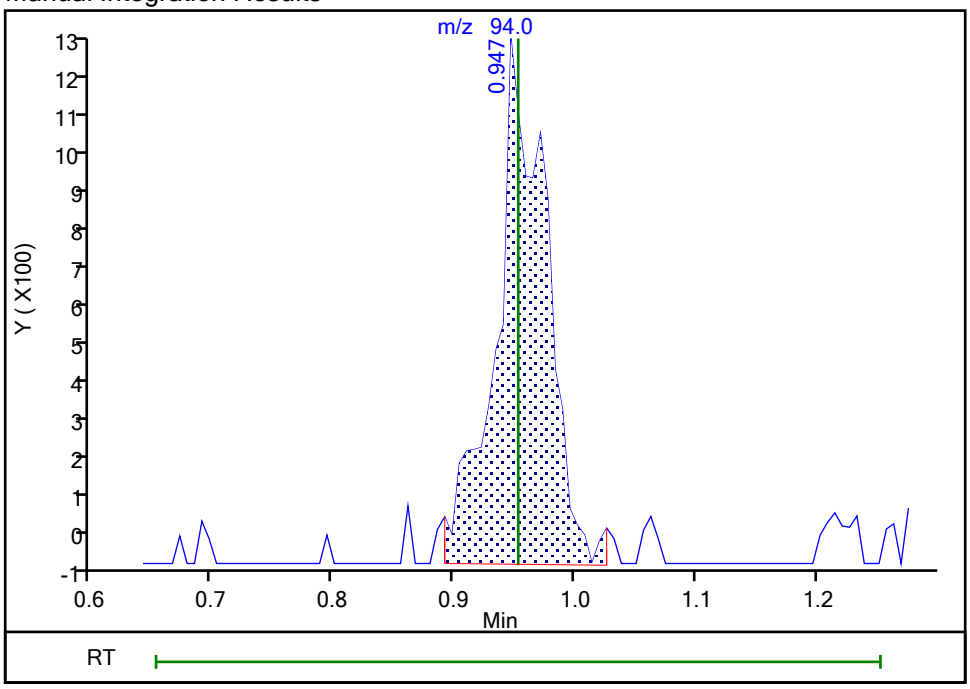
Processing Integration Results

RT: 0.97
Area: 1382
Amount: 0.331573
Amount Units: ug/l



Manual Integration Results

RT: 0.95
Area: 3533
Amount: 1.004282
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:32:20
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

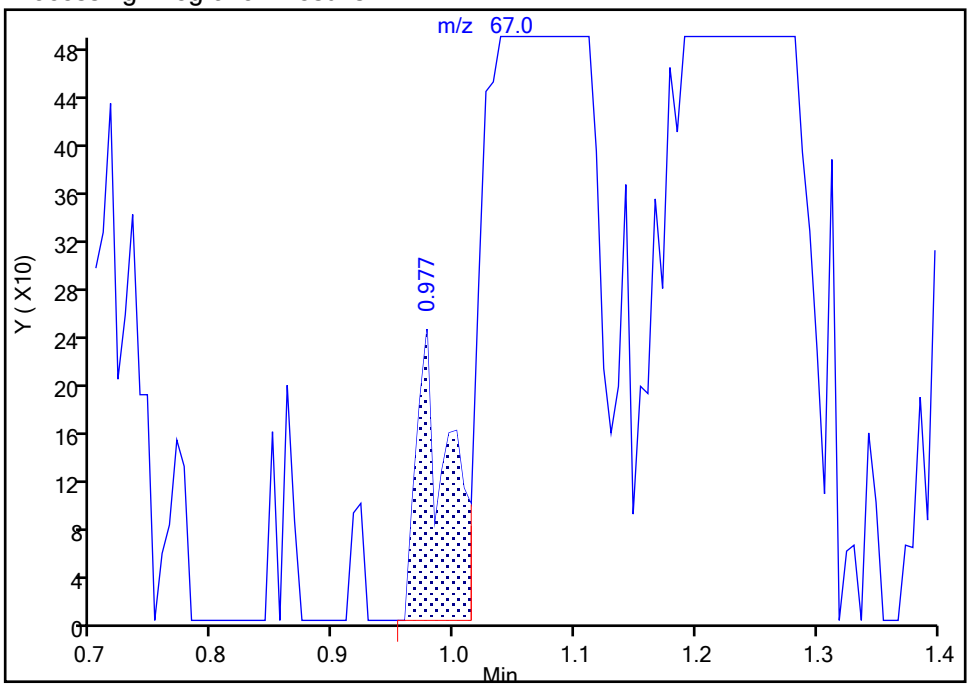
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

10 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

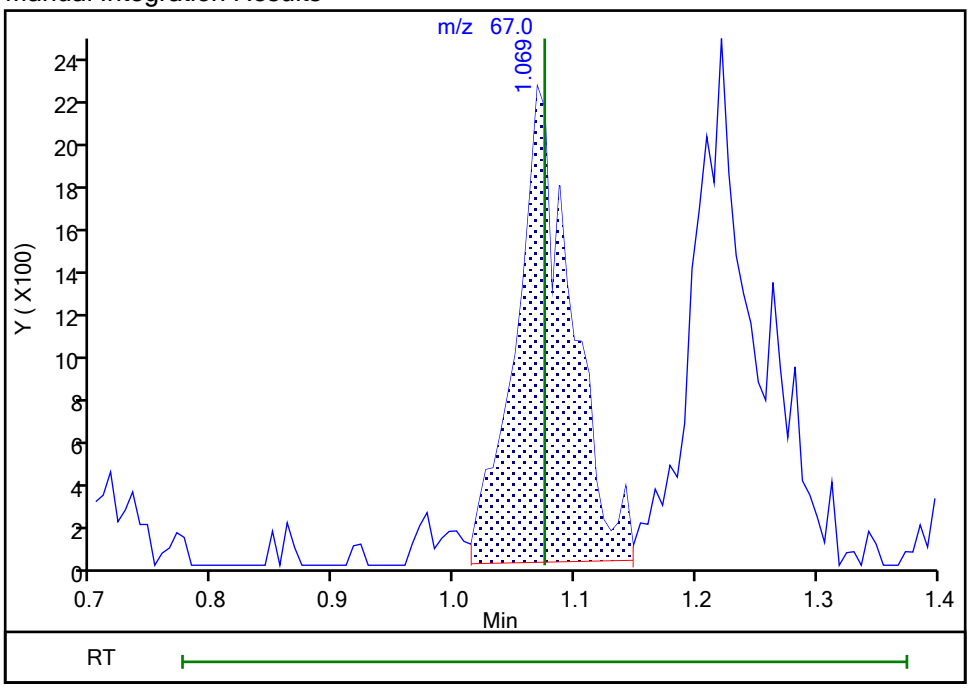
Processing Integration Results

RT: 0.98
Area: 458
Amount: 0.059303
Amount Units: ug/l



Manual Integration Results

RT: 1.07
Area: 7084
Amount: 1.057552
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:32:29
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

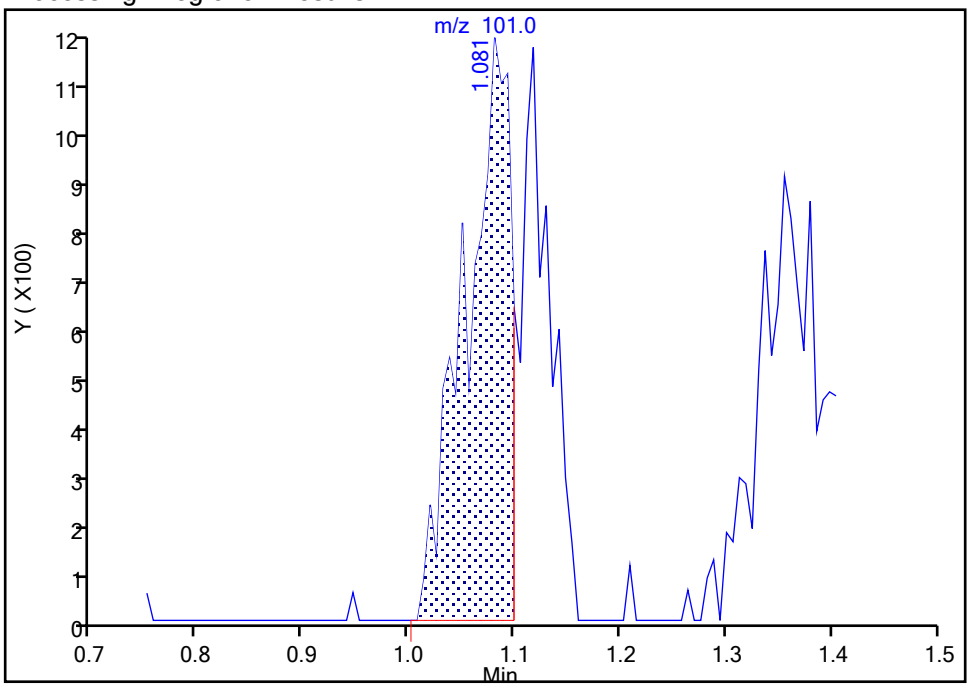
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

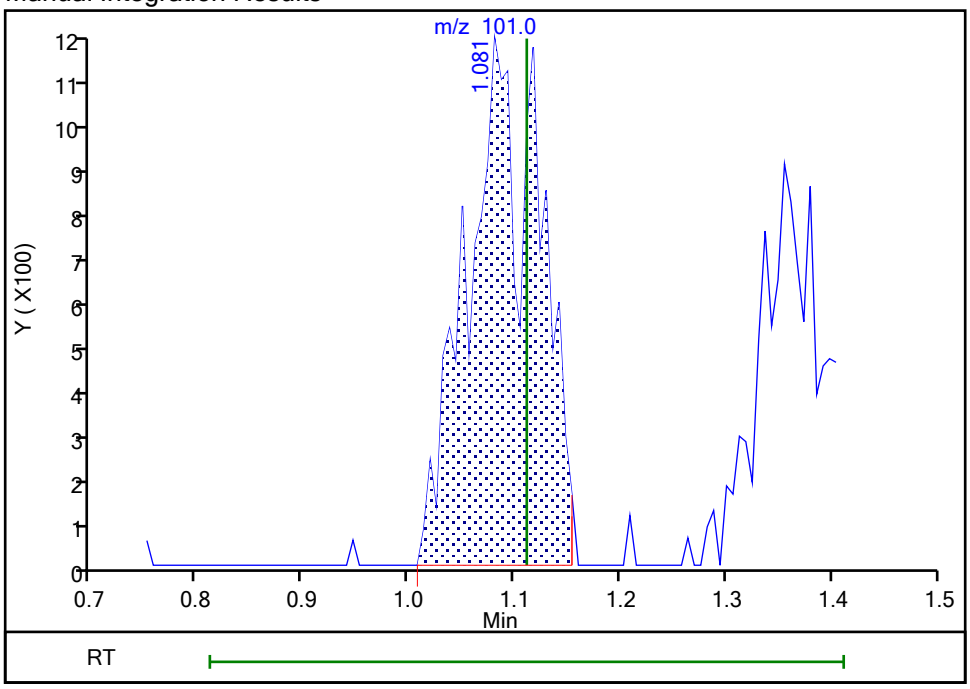
Processing Integration Results

RT: 1.08
Area: 3423
Amount: 0.732554
Amount Units: ug/l



Manual Integration Results

RT: 1.08
Area: 5465
Amount: 0.857418
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:32:51
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

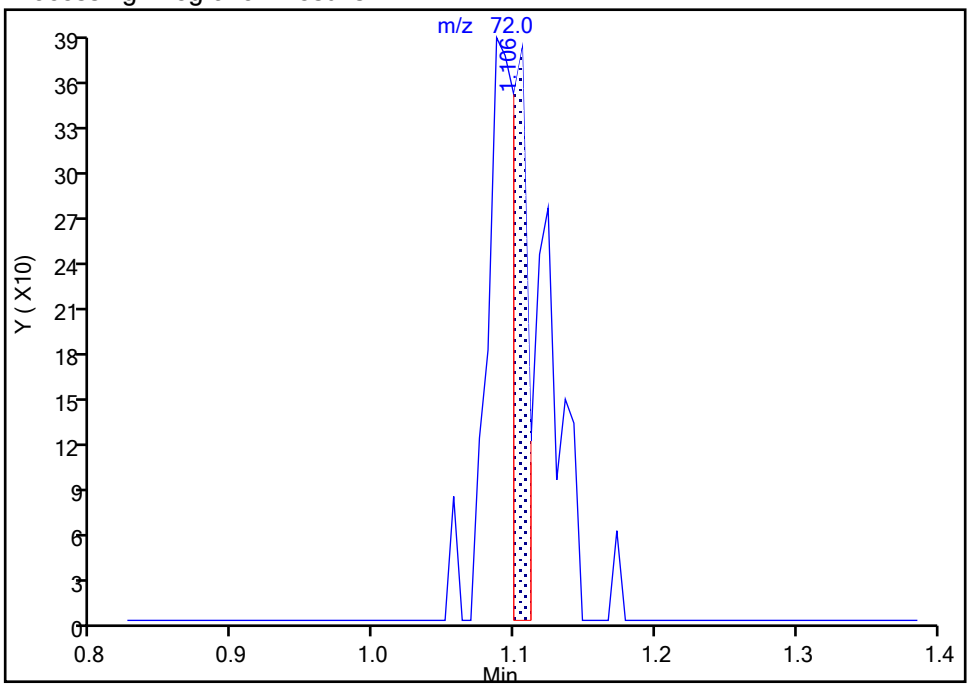
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Pentane, CAS: 109-66-0

Signal: 1

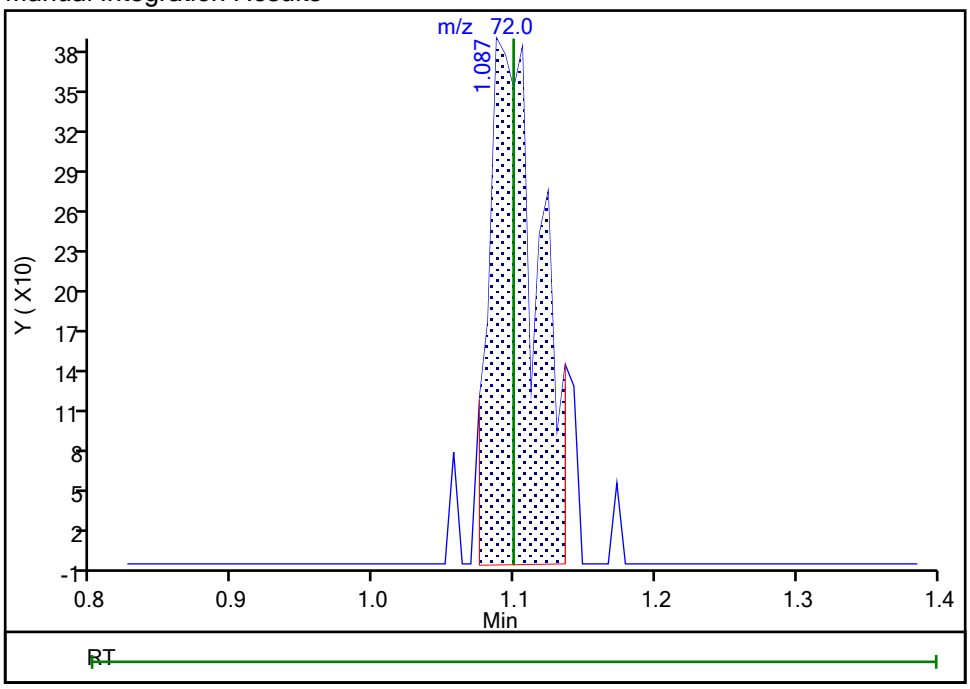
Processing Integration Results

RT: 1.11
Area: 313
Amount: 0.517321
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 986
Amount: 1.806698
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:32:39
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

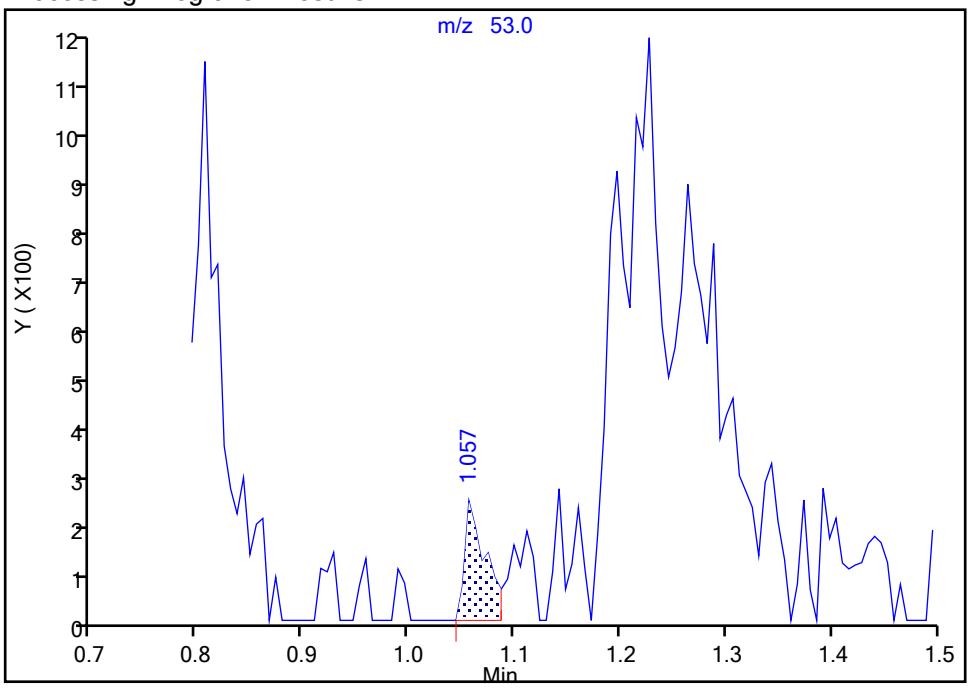
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

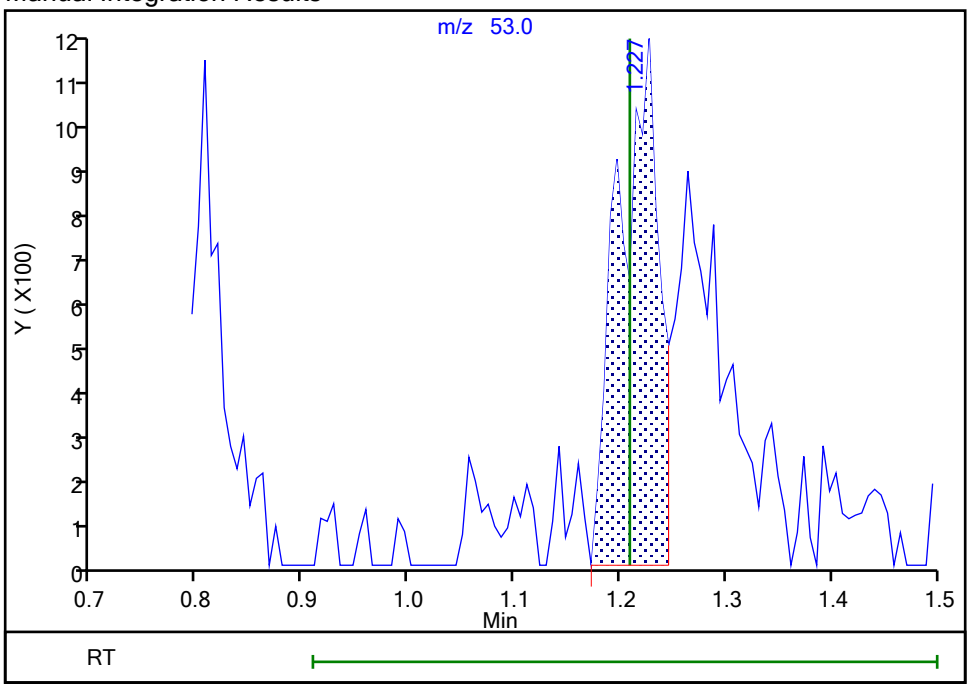
Processing Integration Results

RT: 1.06
Area: 337
Amount: 0.102618
Amount Units: ug/l



Manual Integration Results

RT: 1.23
Area: 3221
Amount: 1.048638
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:33:26
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

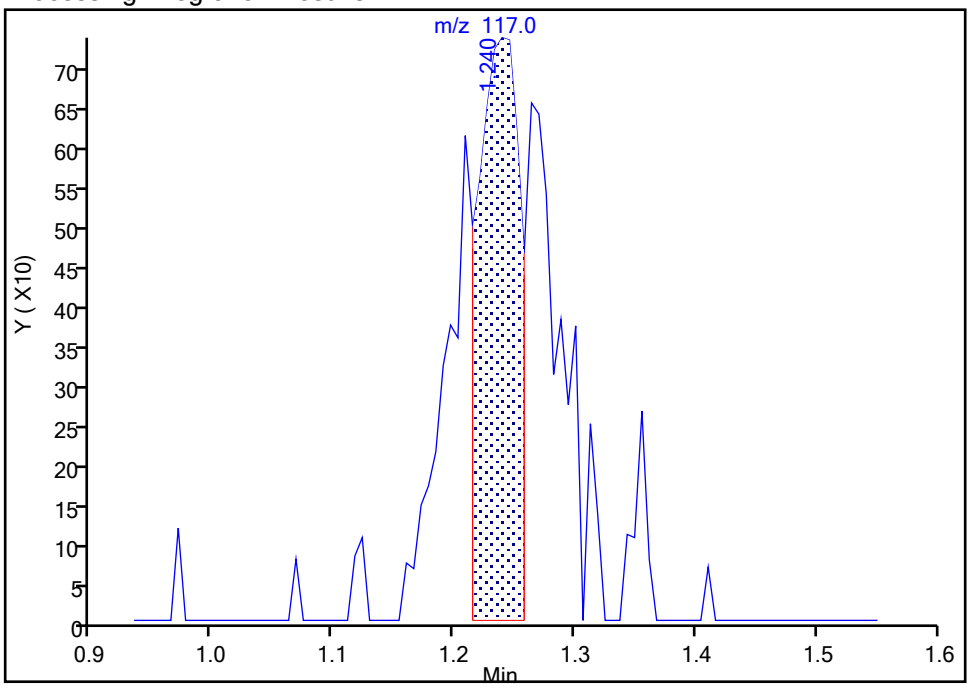
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

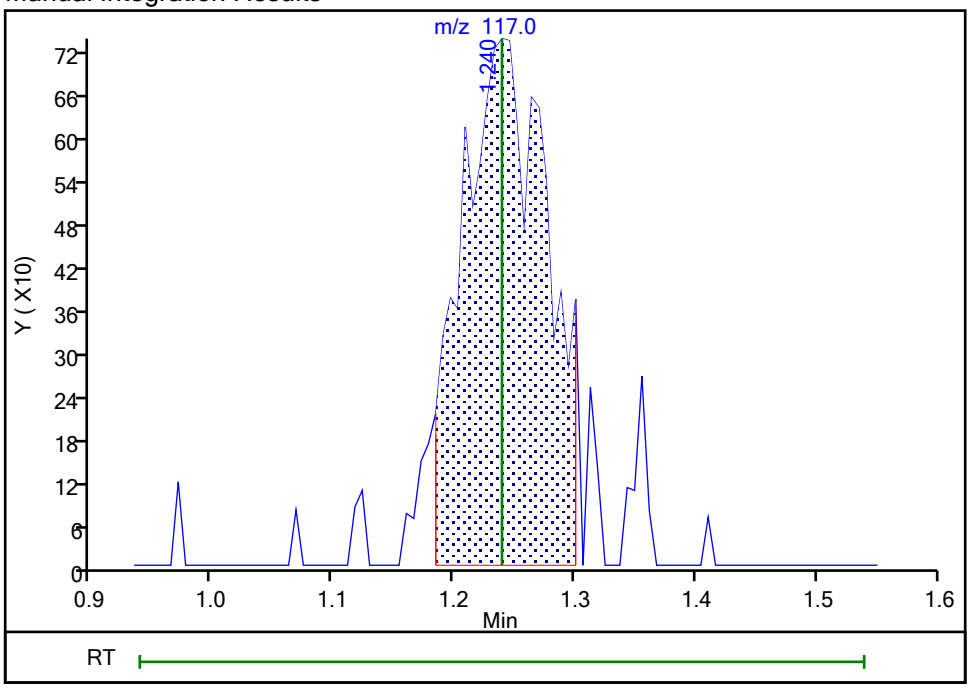
Processing Integration Results

RT: 1.24
Area: 1811
Amount: 0.483921
Amount Units: ug/l



Manual Integration Results

RT: 1.24
Area: 3646
Amount: 1.050718
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:33:37
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

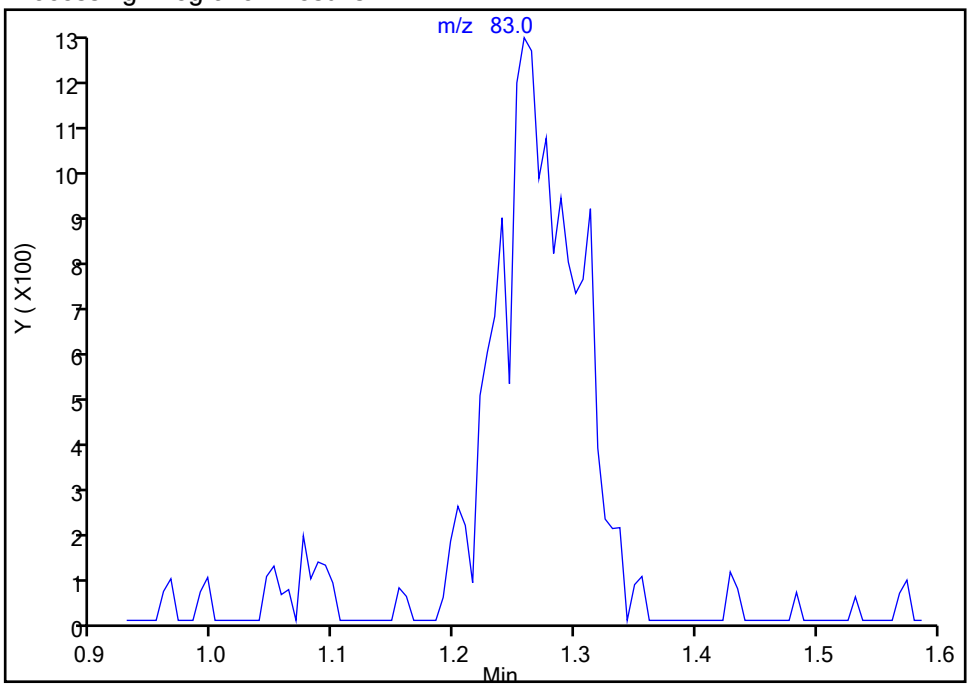
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

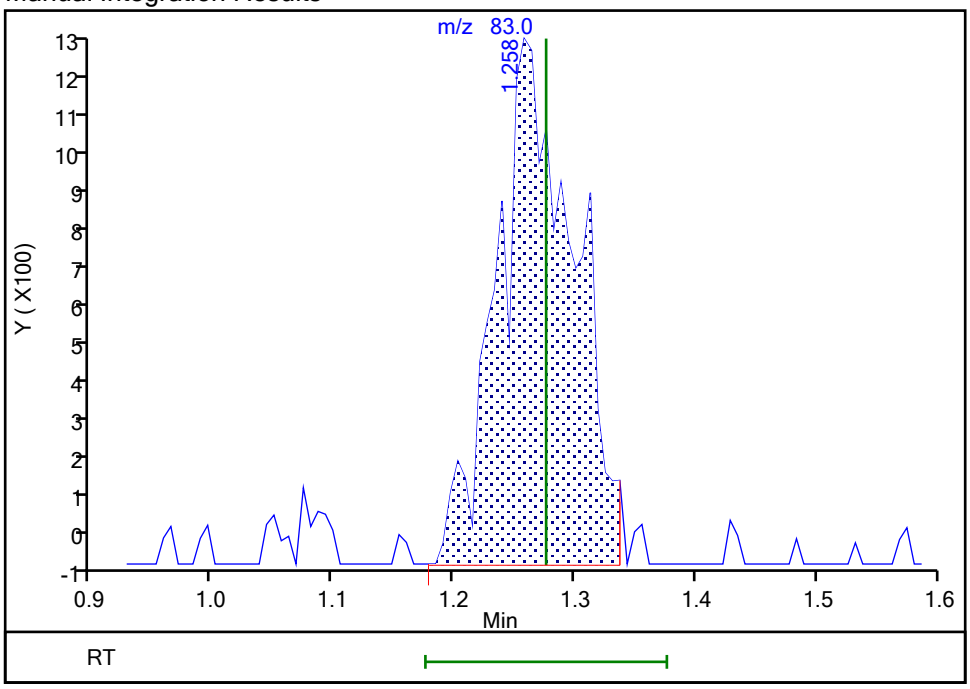
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.26
Area: 5759
Amount: 1.090212
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:33:53
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

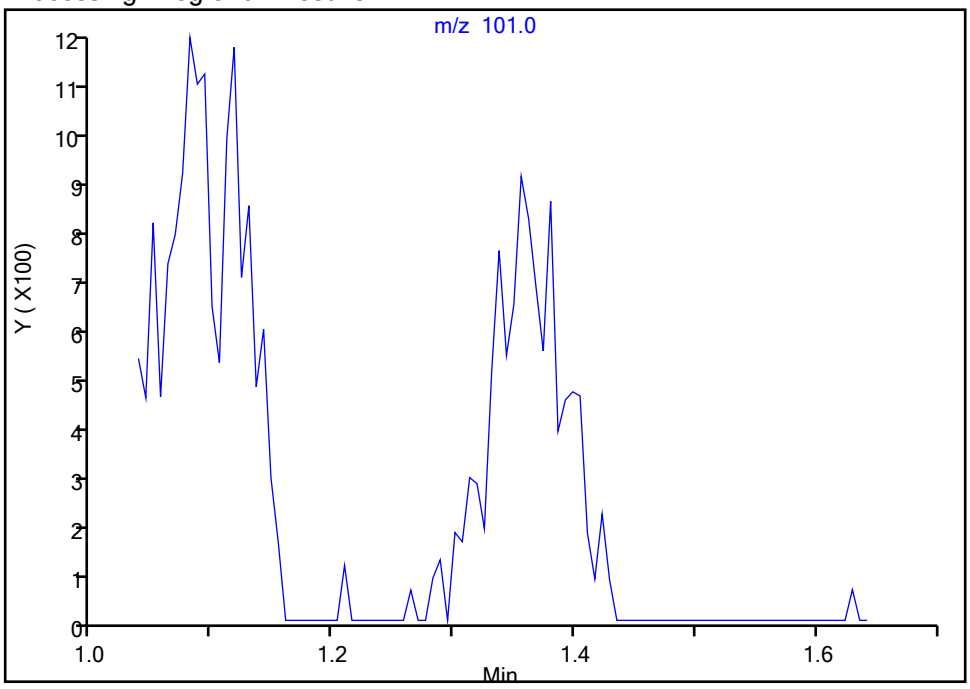
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

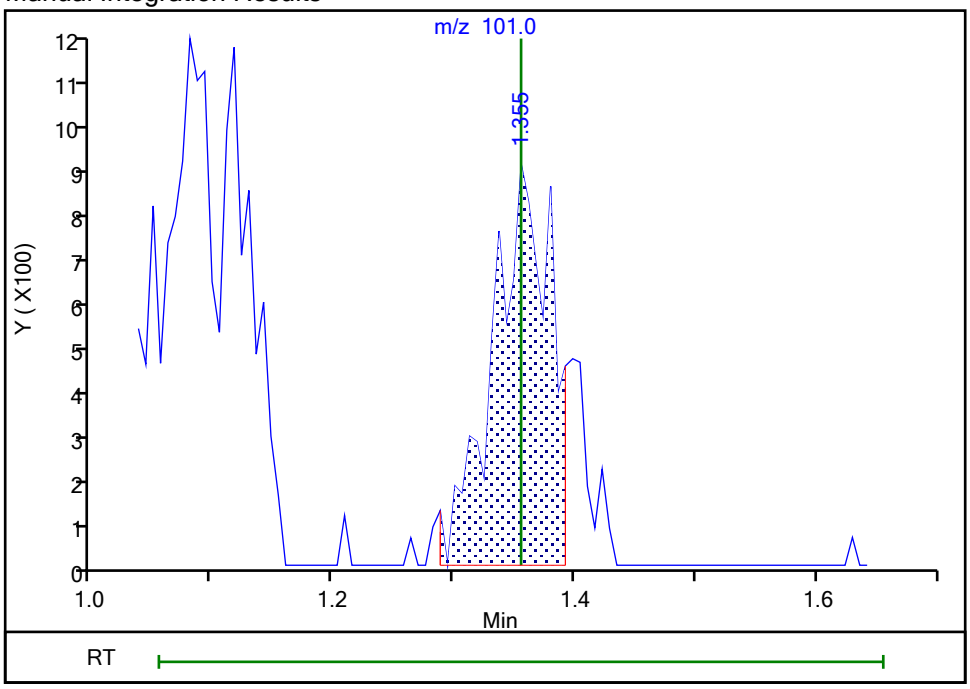
Not Detected
Expected RT: 1.36

Processing Integration Results



Manual Integration Results

RT: 1.36
Area: 2957
Amount: 0.775879
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:34:33
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

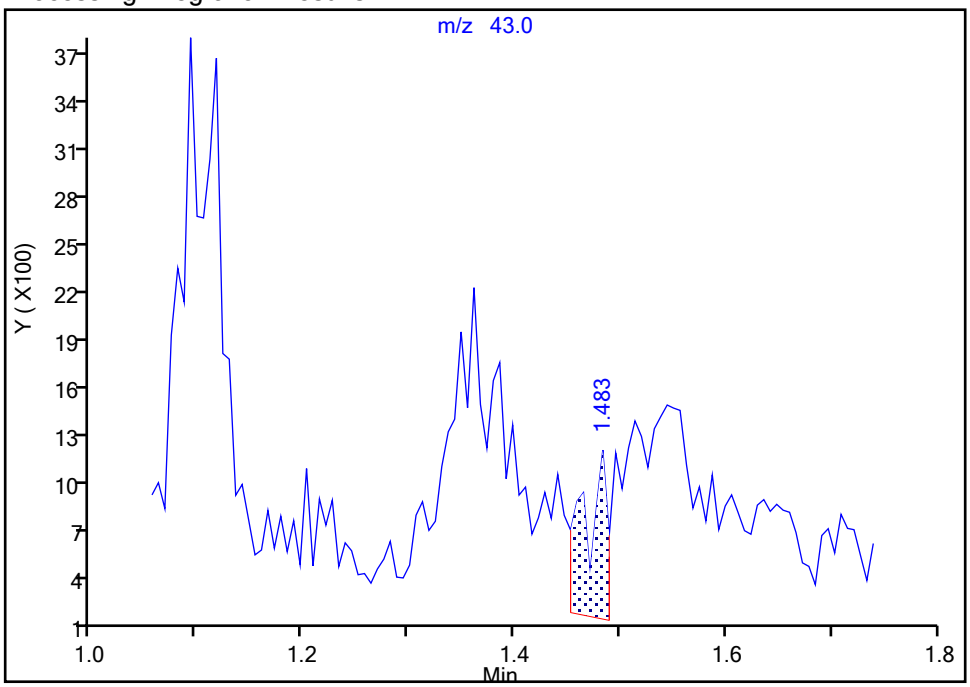
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

21 Acetone, CAS: 67-64-1

Signal: 1

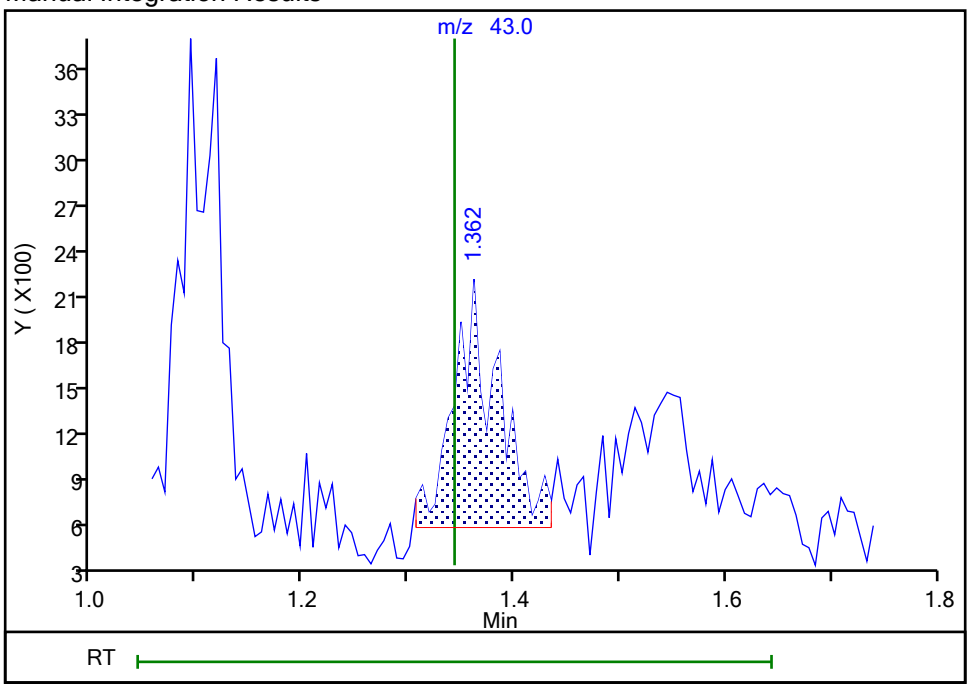
Processing Integration Results

RT: 1.48
Area: 1628
Amount: 93.154951
Amount Units: ug/l



Manual Integration Results

RT: 1.36
Area: 4595
Amount: 5.701817
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:20:32
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

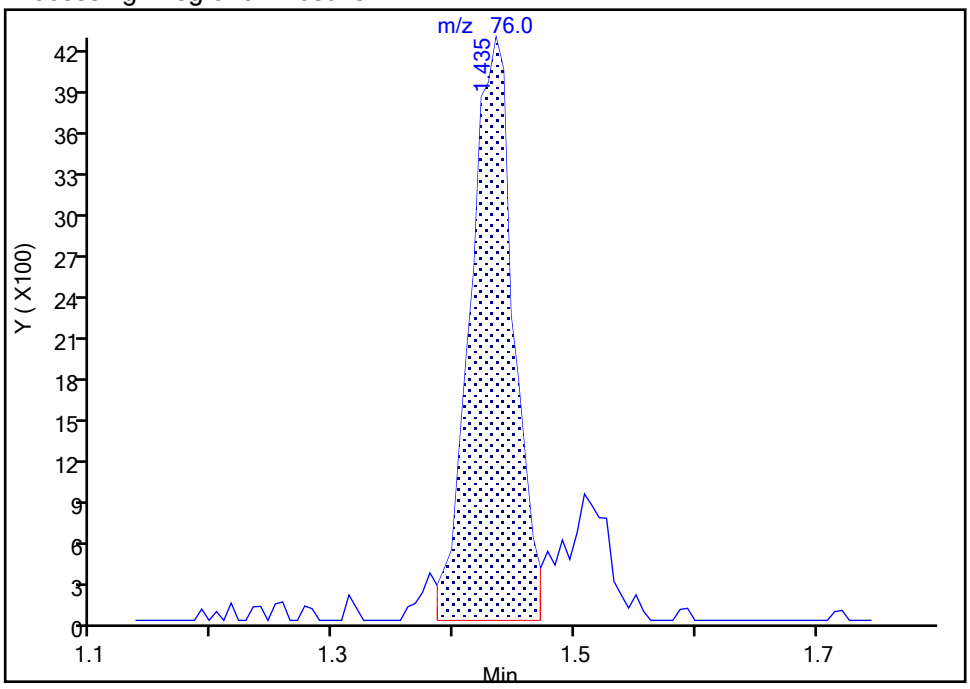
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

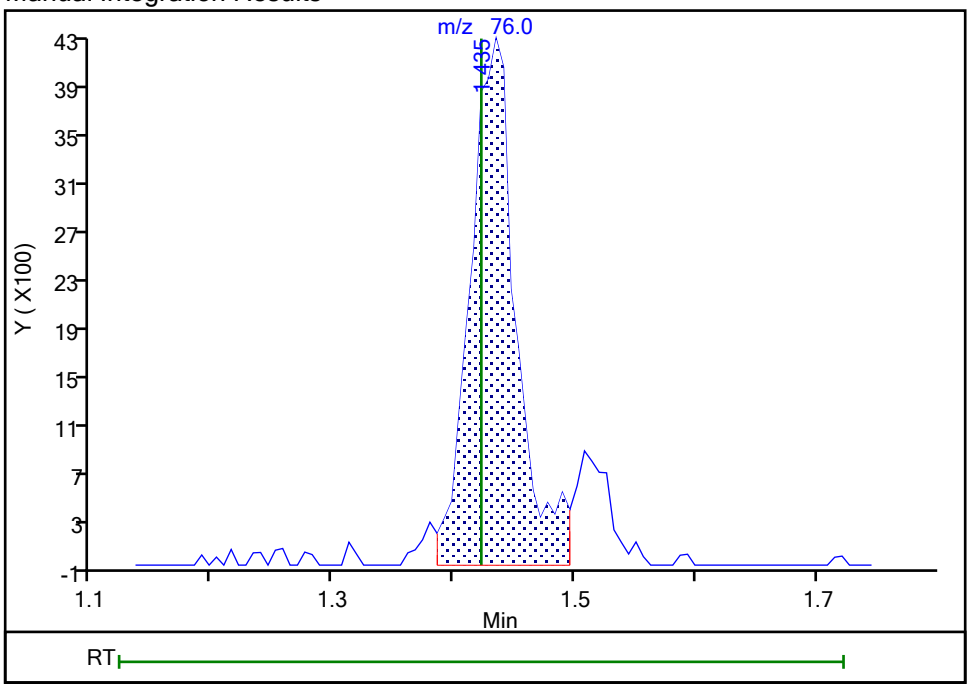
Processing Integration Results

RT: 1.43
Area: 10519
Amount: 0.875700
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 11227
Amount: 0.945260
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:34:44
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

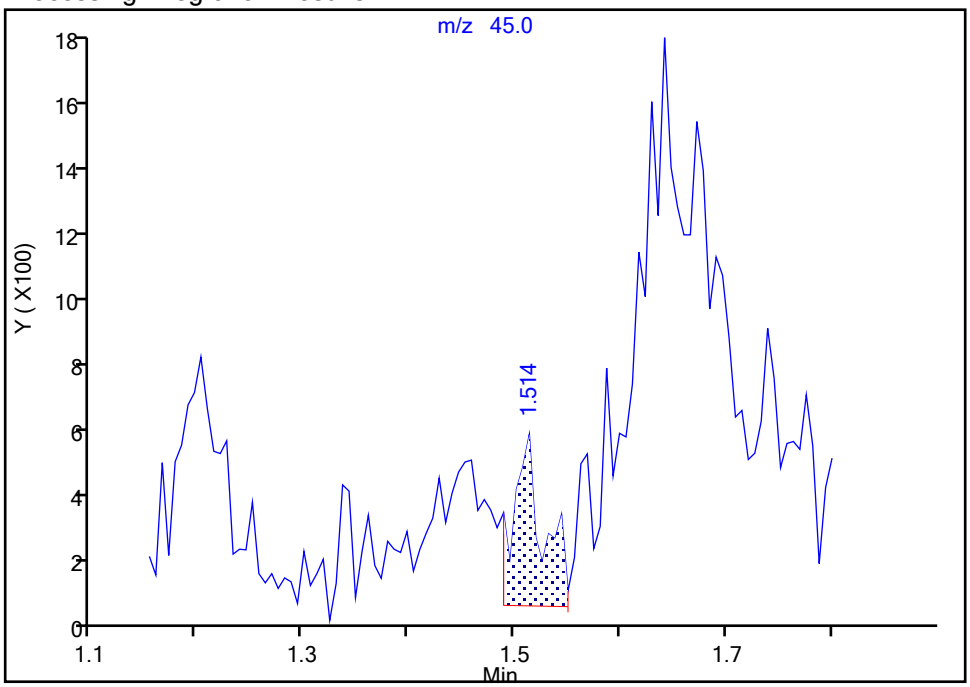
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

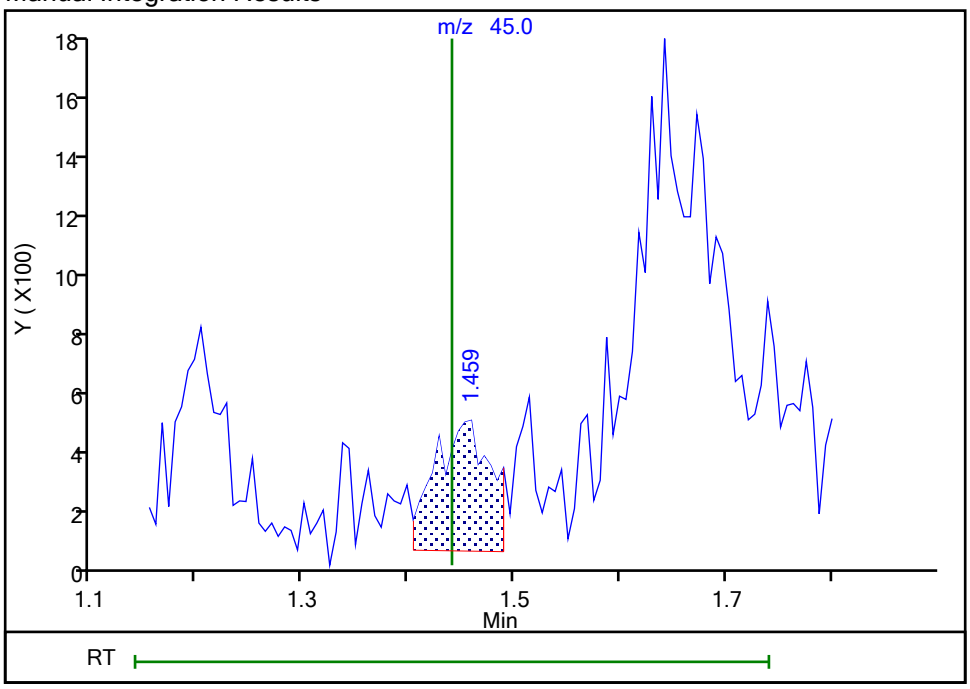
Processing Integration Results

RT: 1.51
Area: 1033
Amount: 15.529495
Amount Units: ug/l



Manual Integration Results

RT: 1.46
Area: 1623
Amount: 9.295856
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:34:55
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

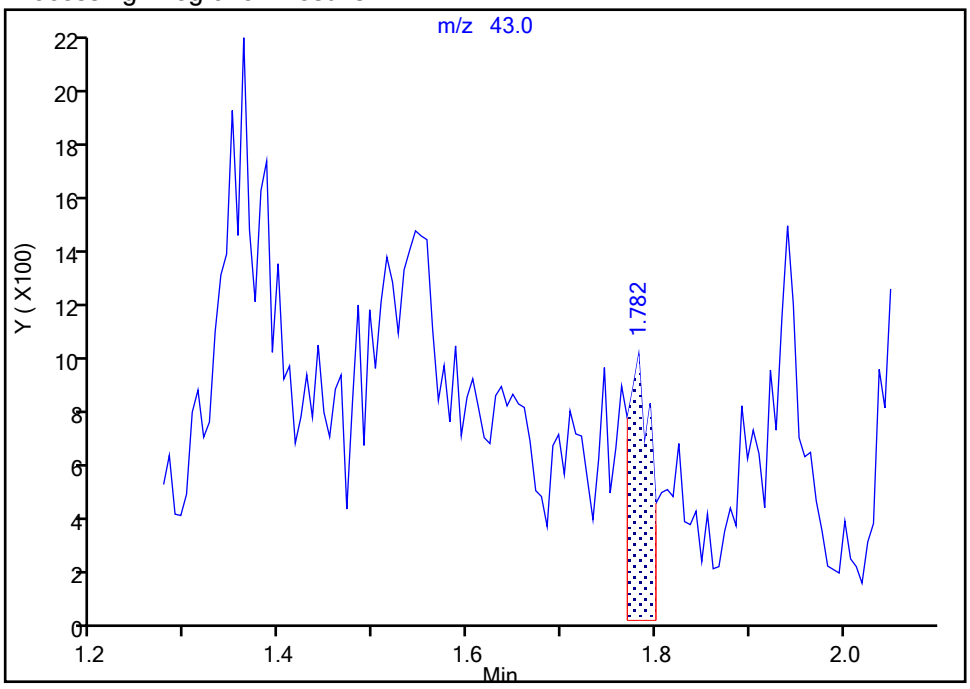
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Methyl acetate, CAS: 79-20-9

Signal: 1

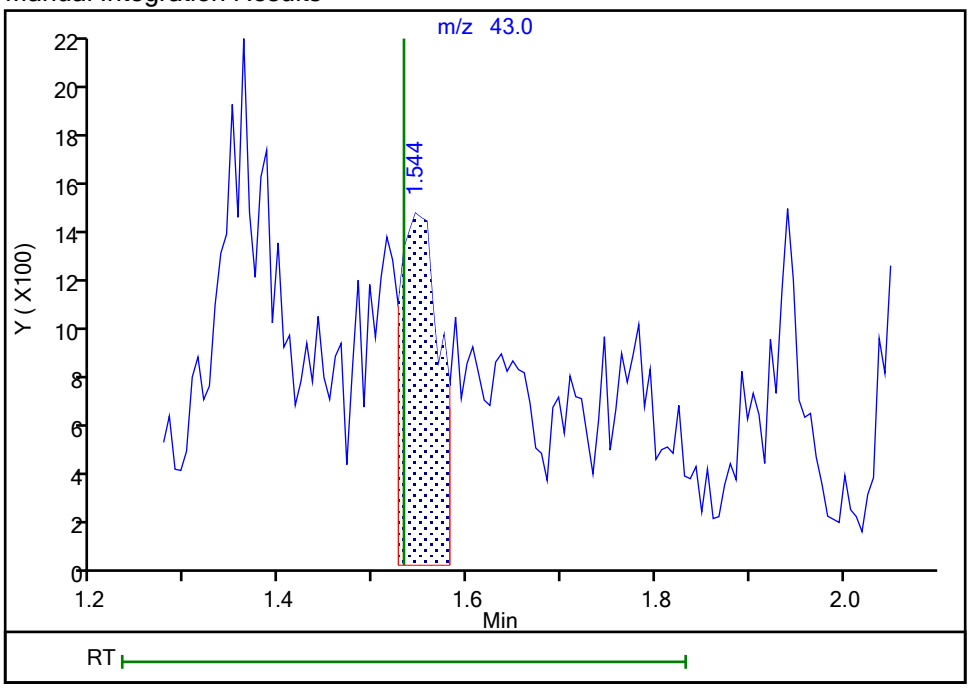
Processing Integration Results

RT: 1.78
Area: 1655
Amount: 0.746598
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 4274
Amount: 2.023722
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:35:07
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

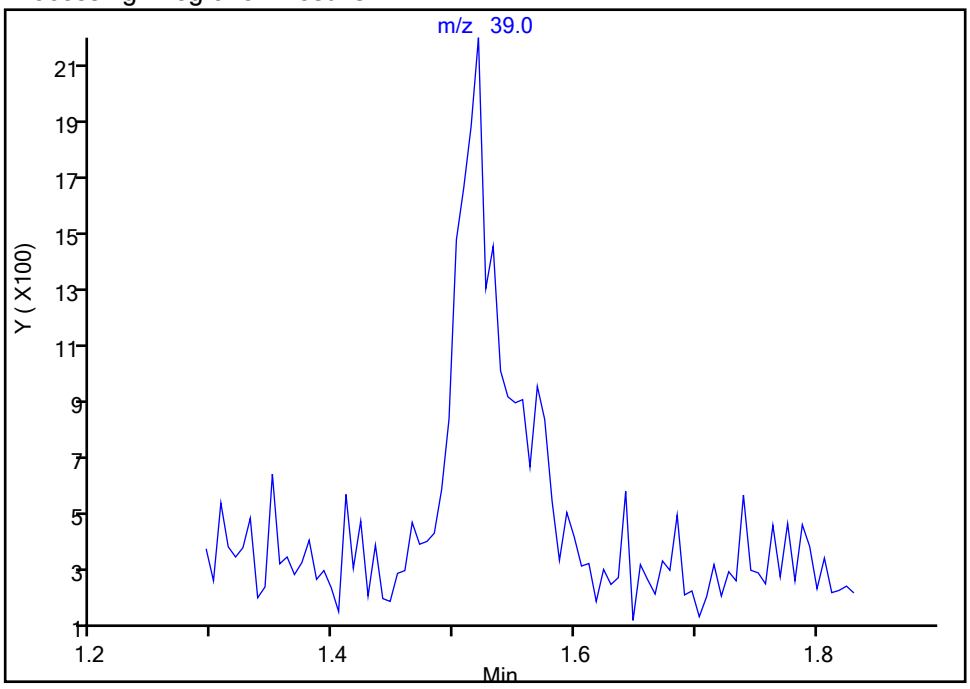
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

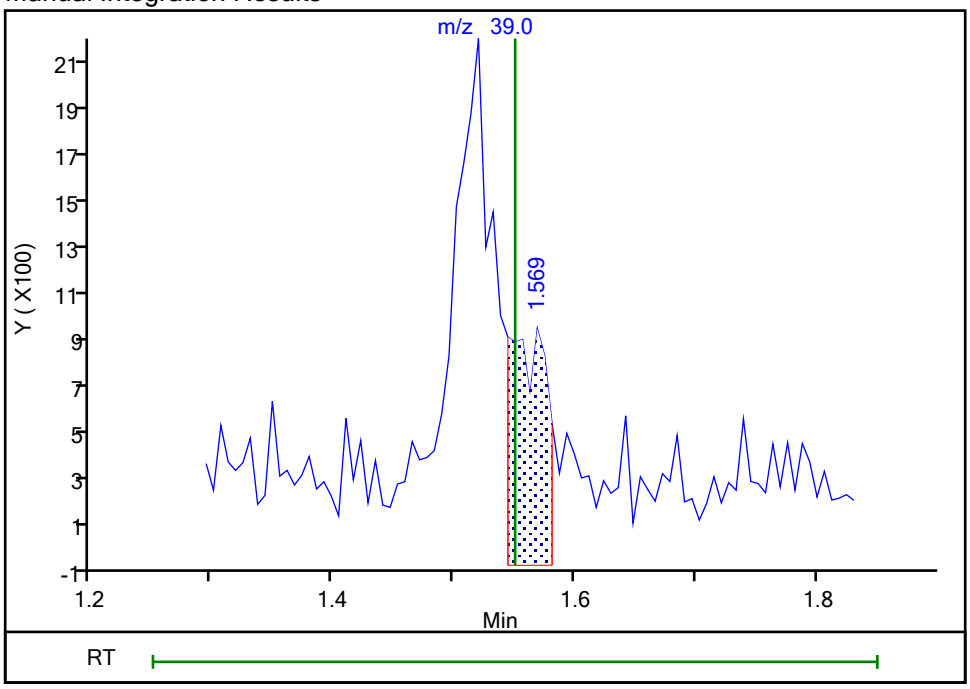
Not Detected
Expected RT: 1.55

Processing Integration Results



Manual Integration Results

RT: 1.57
Area: 2229
Amount: 9.714344
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:19:36
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

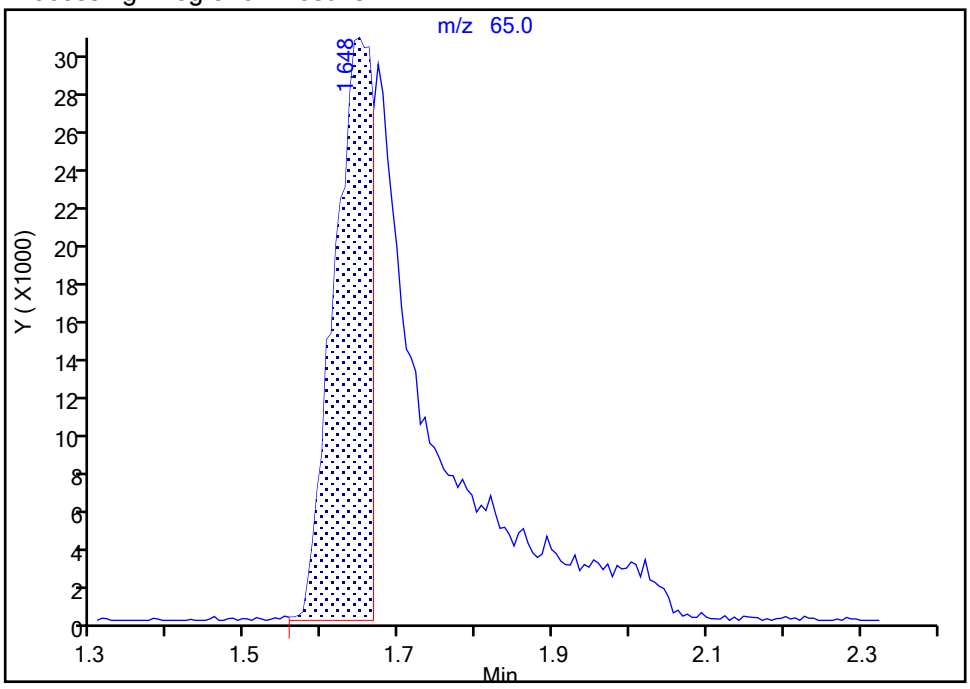
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

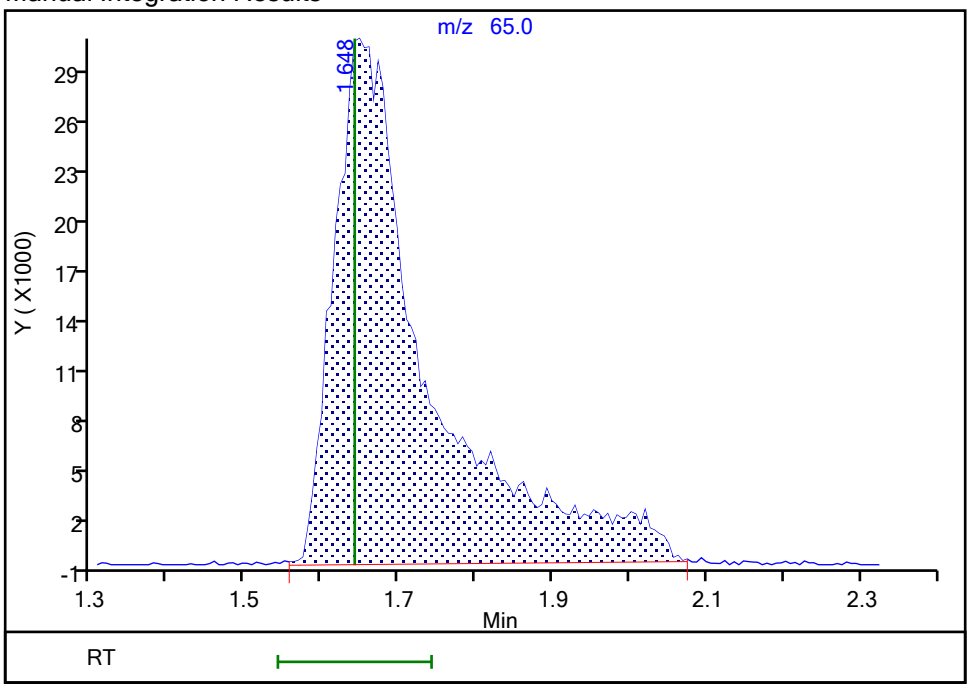
Processing Integration Results

RT: 1.65
Area: 107498
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 261816
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:31:04
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

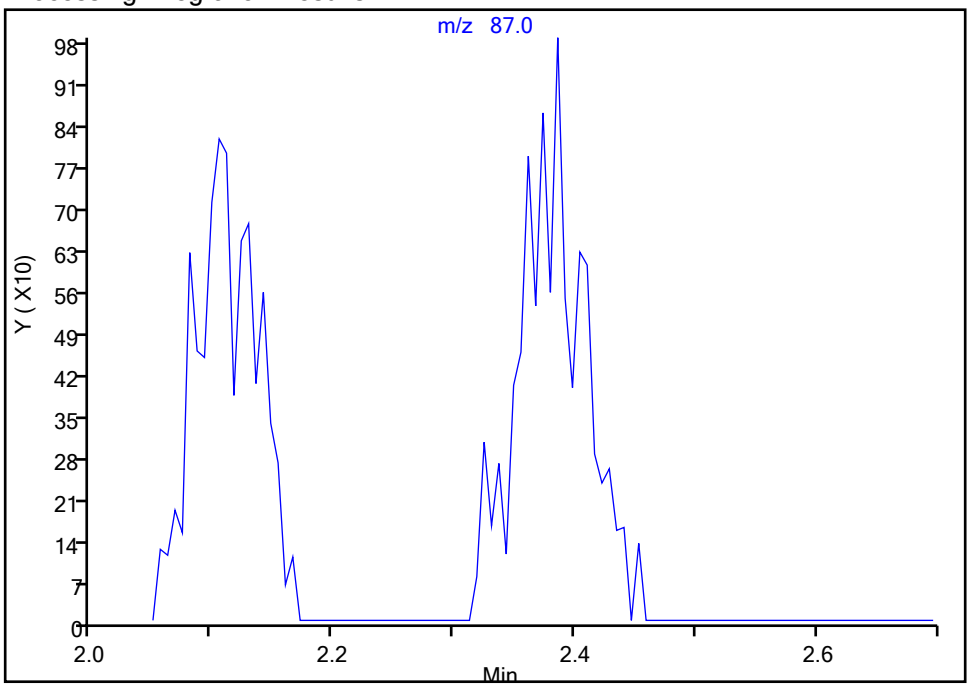
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

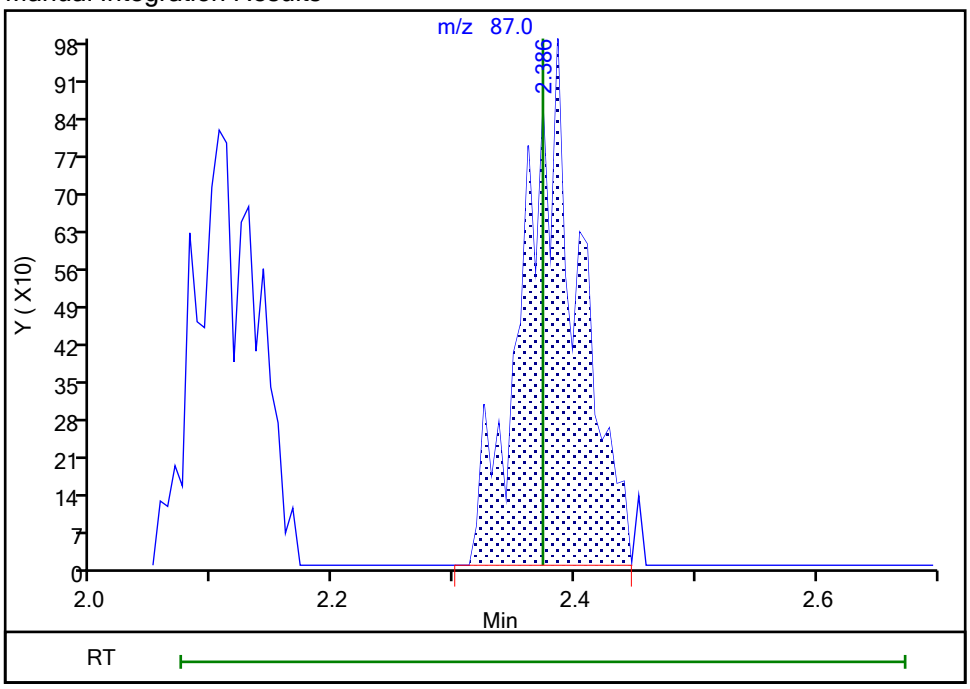
Not Detected
Expected RT: 2.37

Processing Integration Results



Manual Integration Results

RT: 2.39
Area: 3186
Amount: 0.813495
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:35:51
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

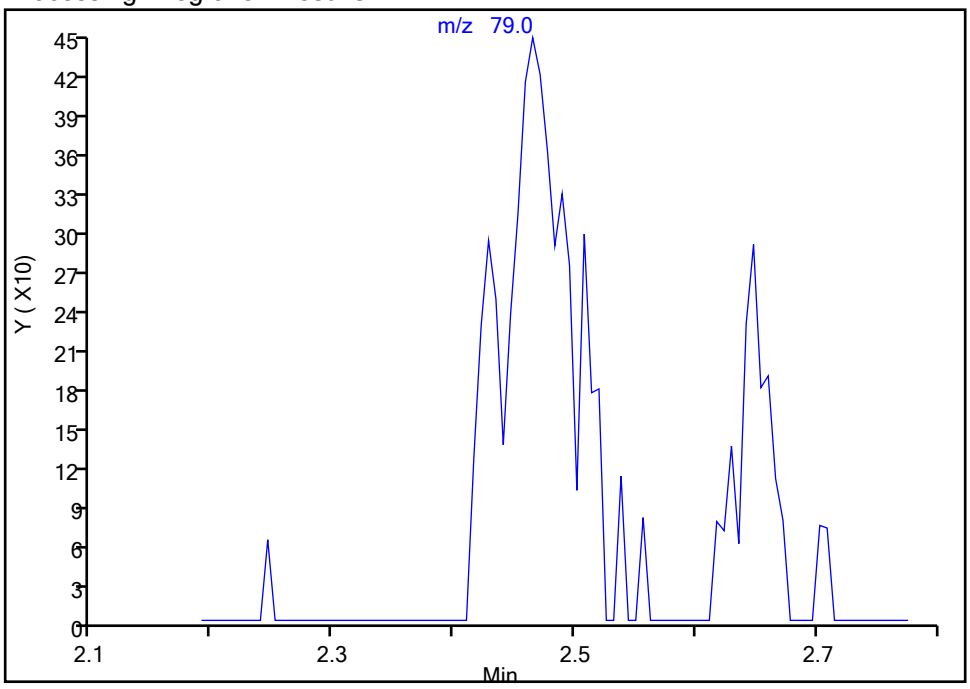
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

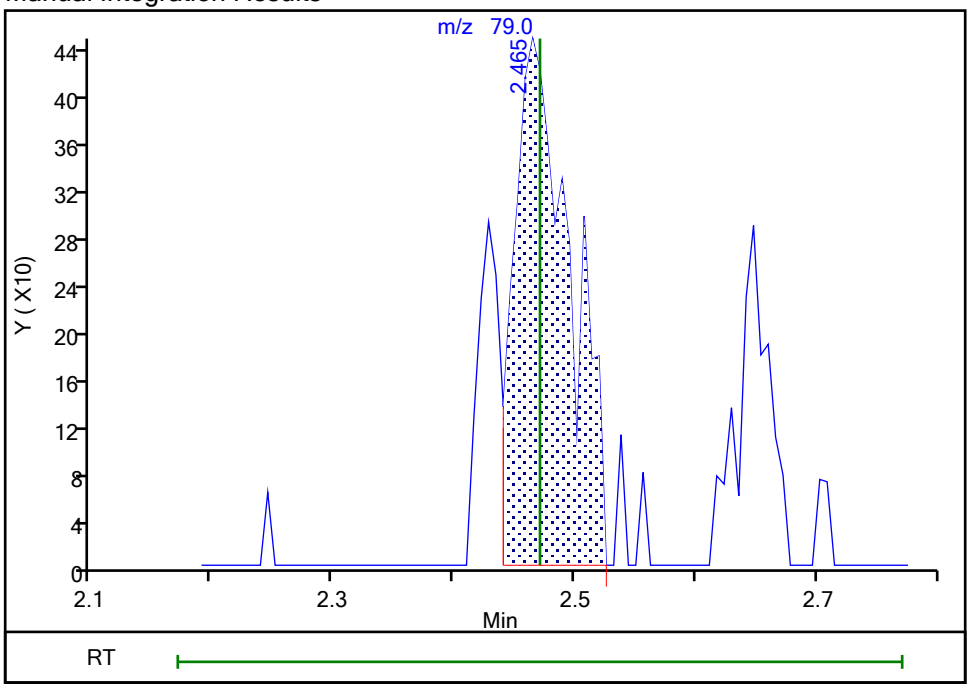
Not Detected
Expected RT: 2.47

Processing Integration Results



Manual Integration Results

RT: 2.46
Area: 1451
Amount: 0.832661
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:36:00
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

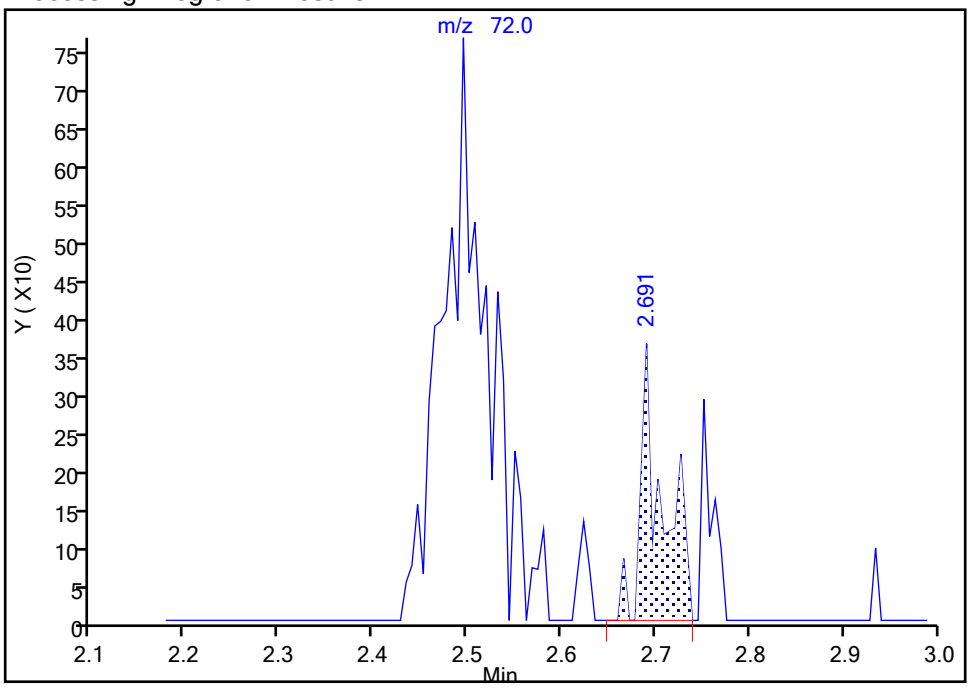
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

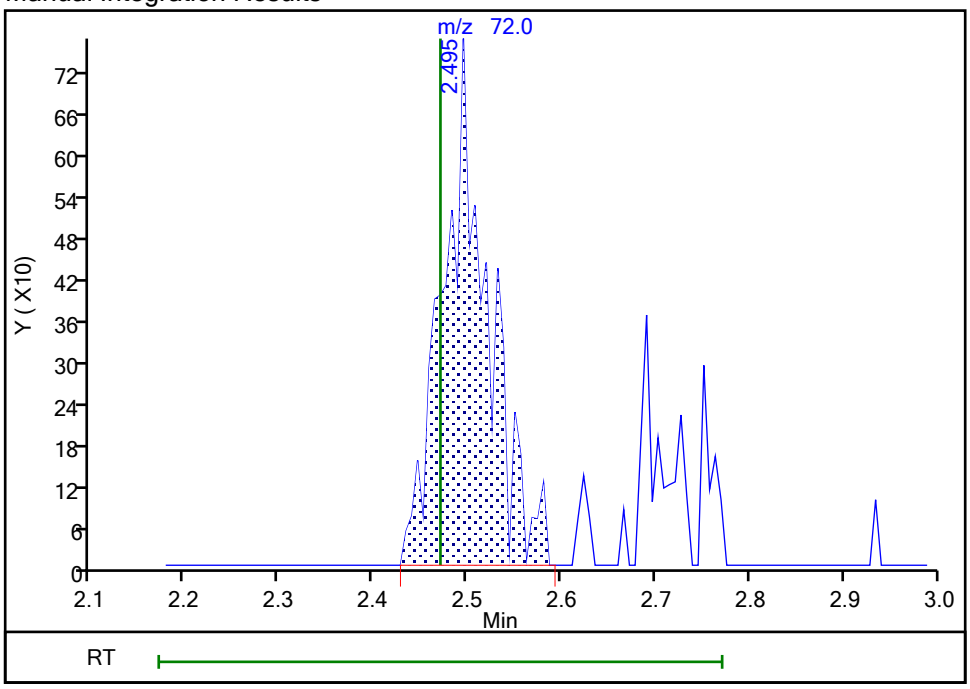
Processing Integration Results

RT: 2.69
Area: 576
Amount: 93.163607
Amount Units: ug/l



Manual Integration Results

RT: 2.50
Area: 2502
Amount: 6.832297
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:36:09
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

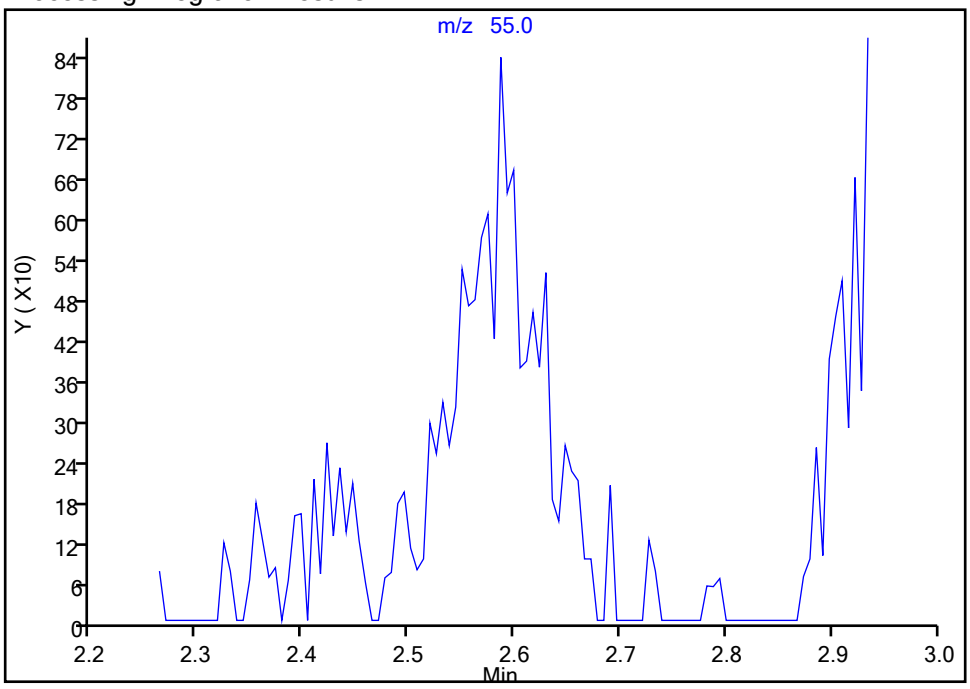
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Methyl acrylate, CAS: 96-33-3

Signal: 1

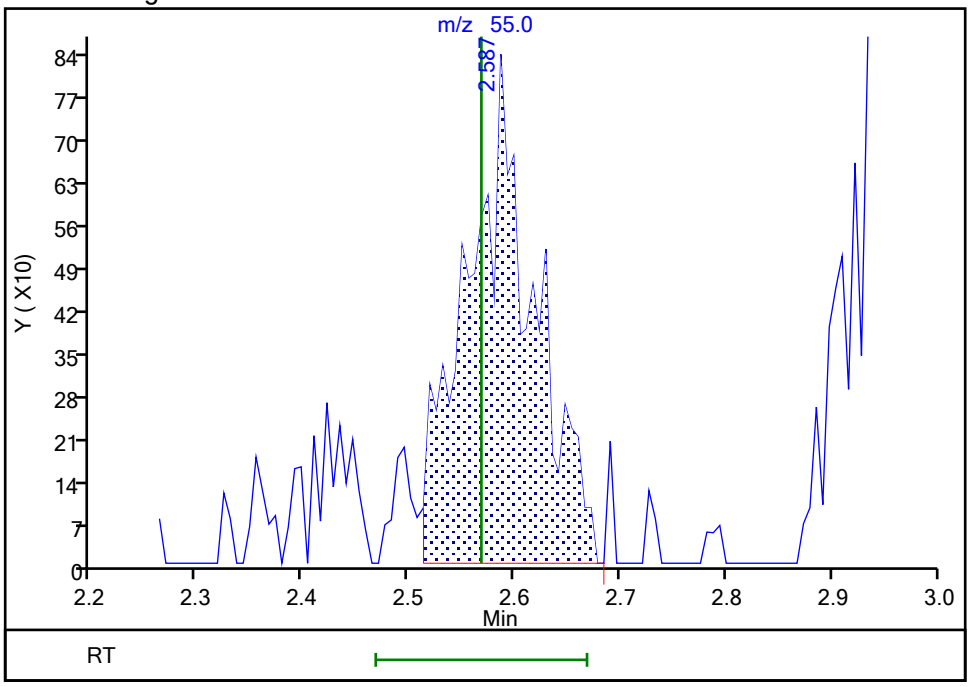
Not Detected
Expected RT: 2.57

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 3661
Amount: 1.155408
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:36:20
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

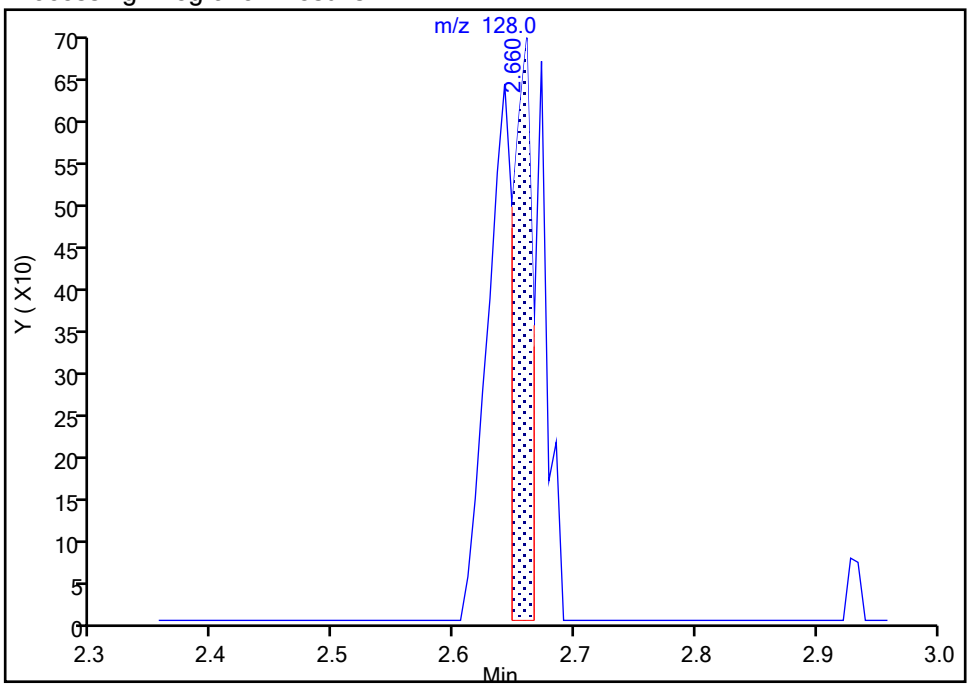
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 Chlorobromomethane, CAS: 74-97-5

Signal: 1

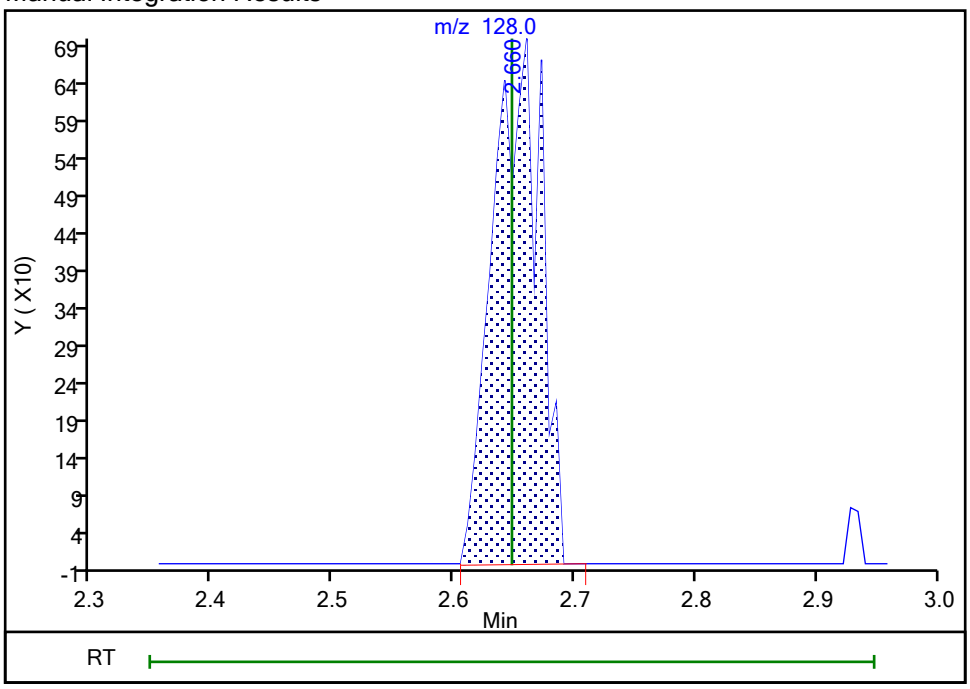
Processing Integration Results

RT: 2.66
Area: 783
Amount: 0.373854
Amount Units: ug/l



Manual Integration Results

RT: 2.66
Area: 1912
Amount: 0.963350
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:36:31
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

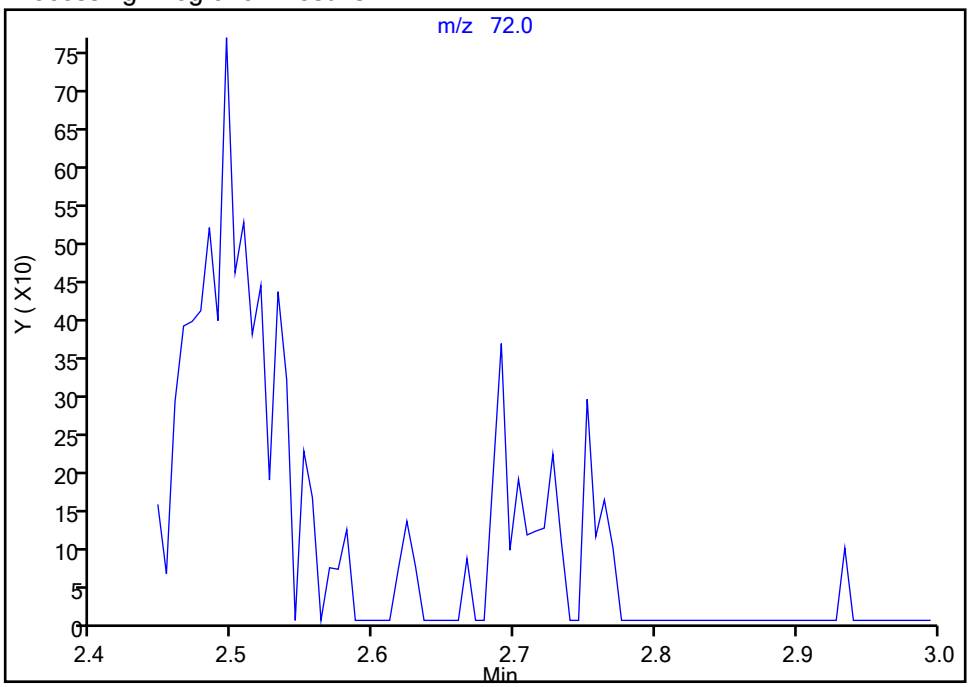
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

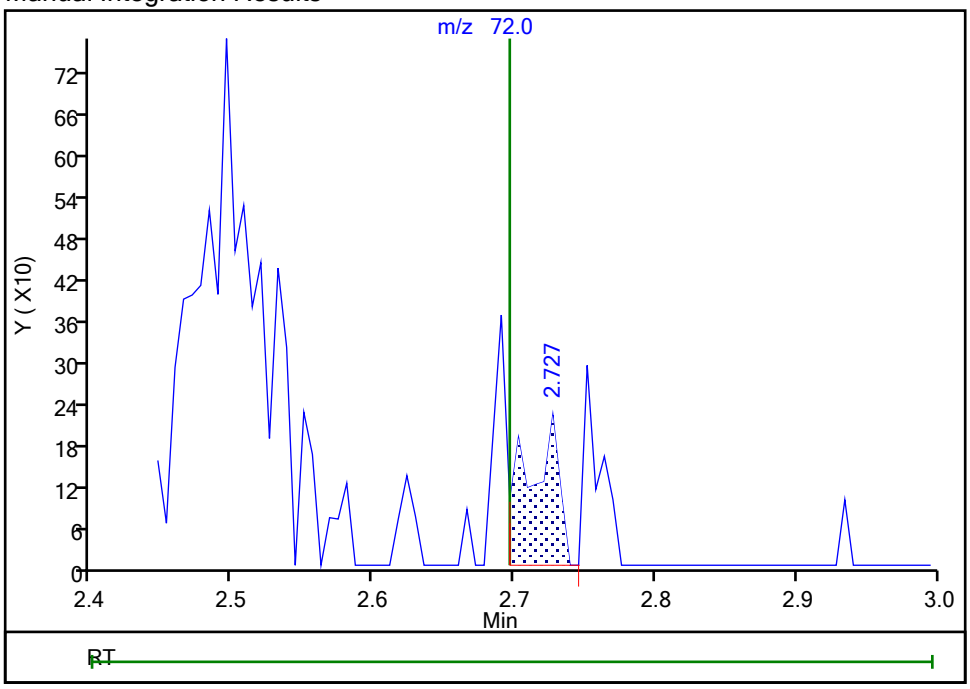
Not Detected
Expected RT: 2.70

Processing Integration Results



Manual Integration Results

RT: 2.73
Area: 346
Amount: 0.857957
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:36:40
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

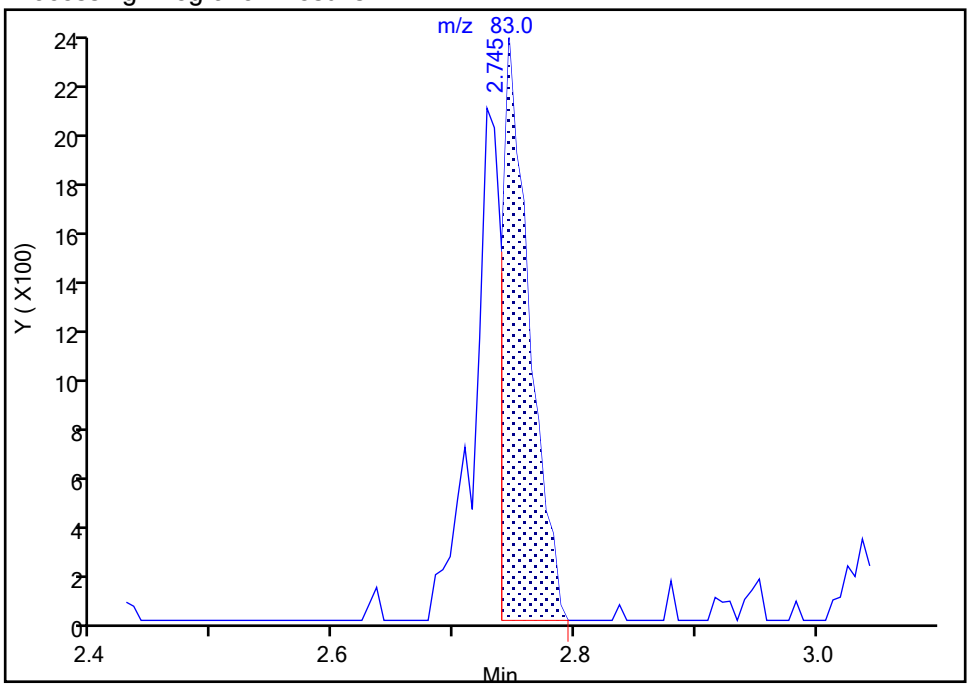
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

49 Chloroform, CAS: 67-66-3

Signal: 1

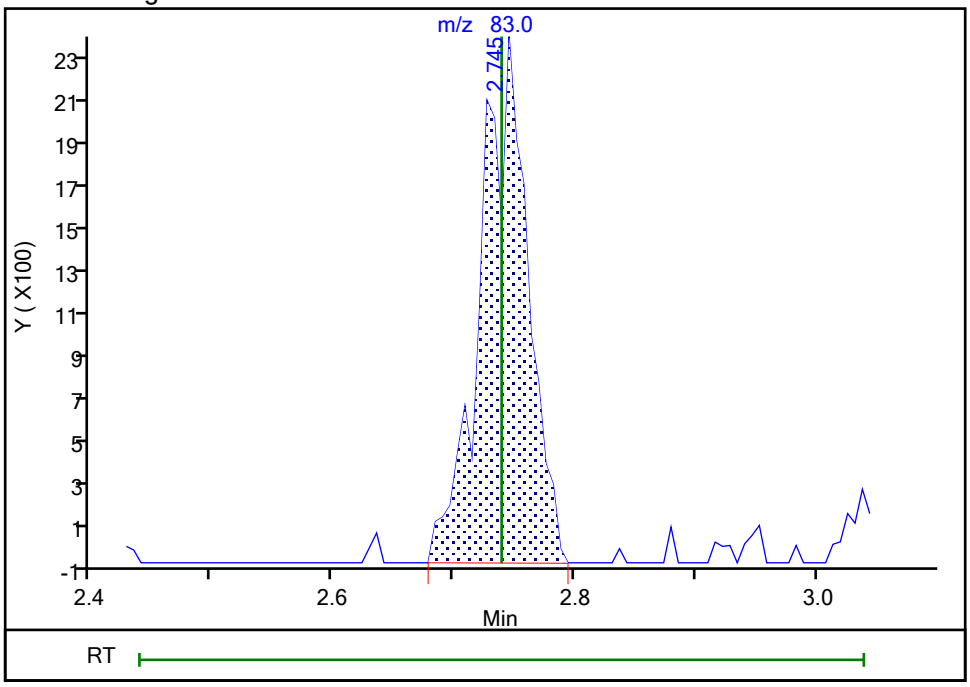
Processing Integration Results

RT: 2.75
Area: 3629
Amount: 0.555202
Amount Units: ug/l



Manual Integration Results

RT: 2.75
Area: 6322
Amount: 1.012954
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:36:54
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

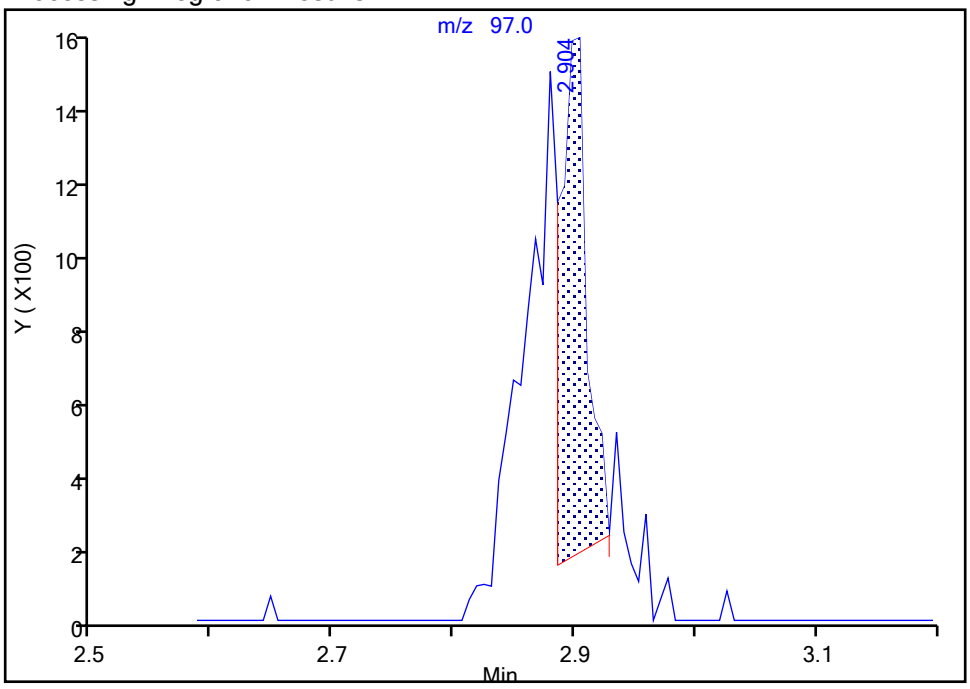
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

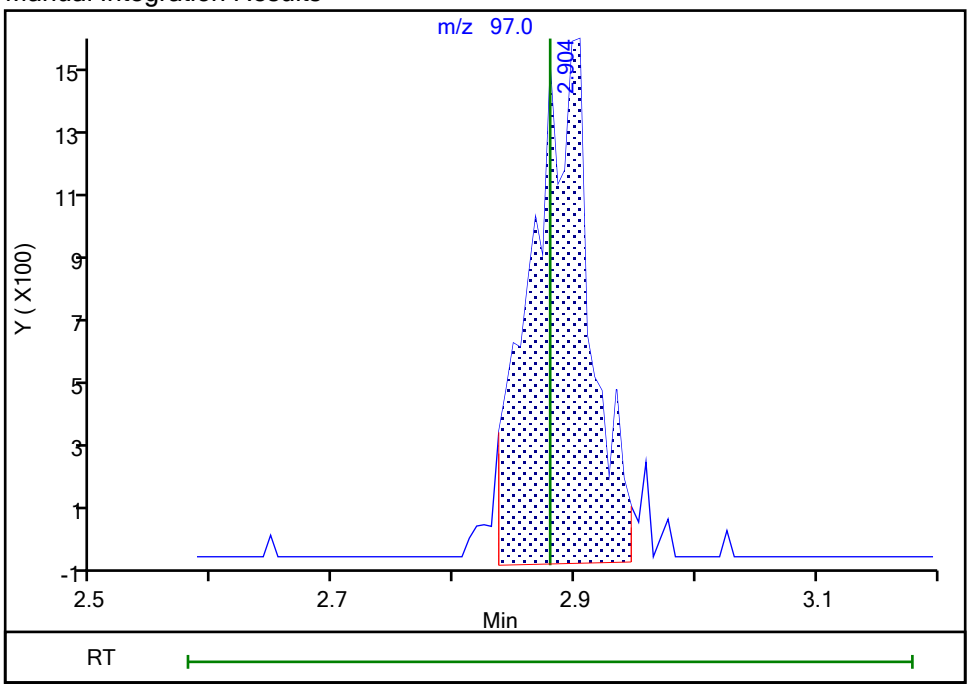
Processing Integration Results

RT: 2.90
Area: 2169
Amount: 0.363969
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 5574
Amount: 0.967206
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:37:04
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

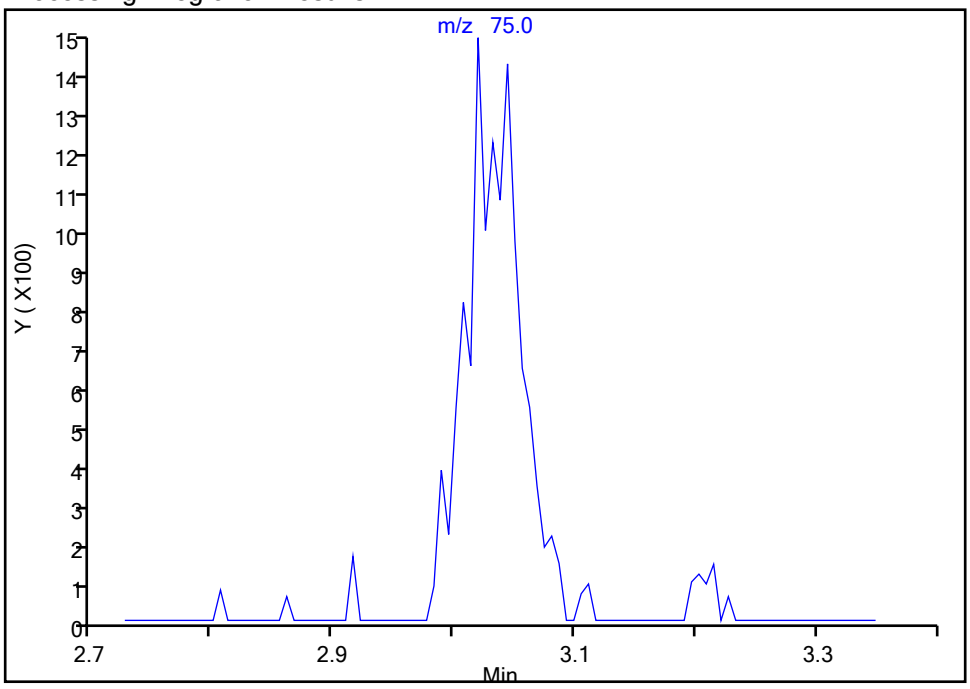
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

54 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

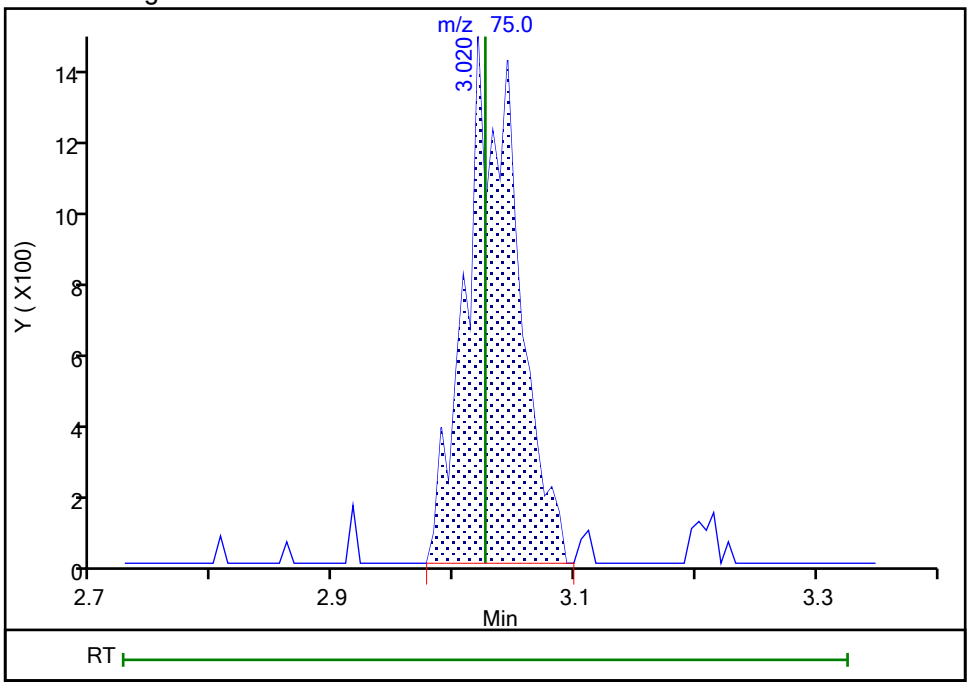
Not Detected
Expected RT: 3.03

Processing Integration Results



Manual Integration Results

RT: 3.02
Area: 4180
Amount: 0.871849
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:37:12
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

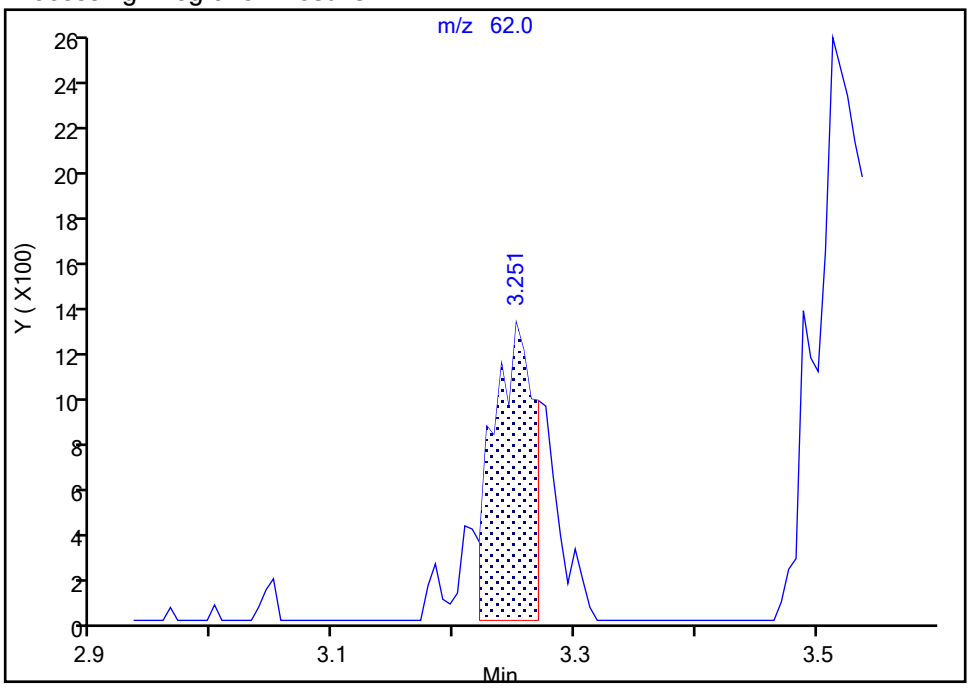
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

57 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

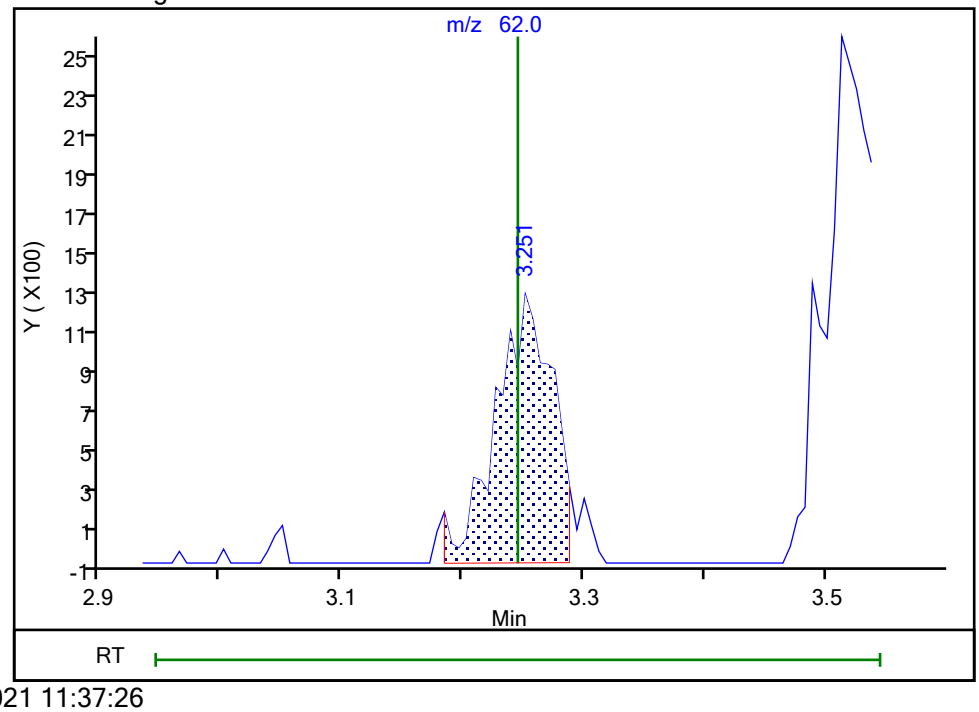
Processing Integration Results

RT: 3.25
Area: 3114
Amount: 0.755110
Amount Units: ug/l



Manual Integration Results

RT: 3.25
Area: 4319
Amount: 0.990533
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:37:26
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

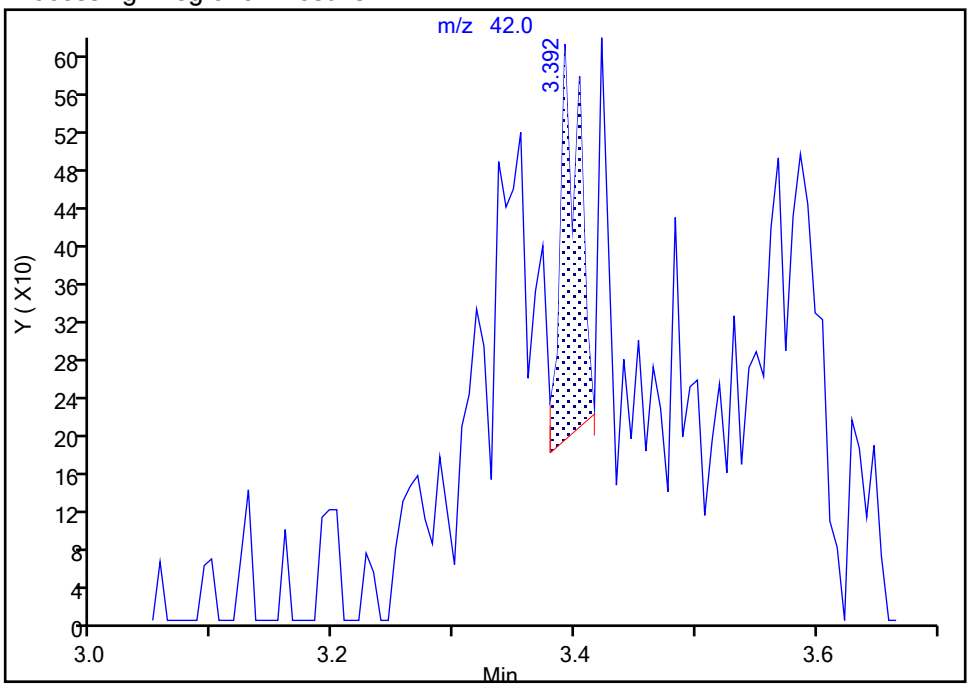
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

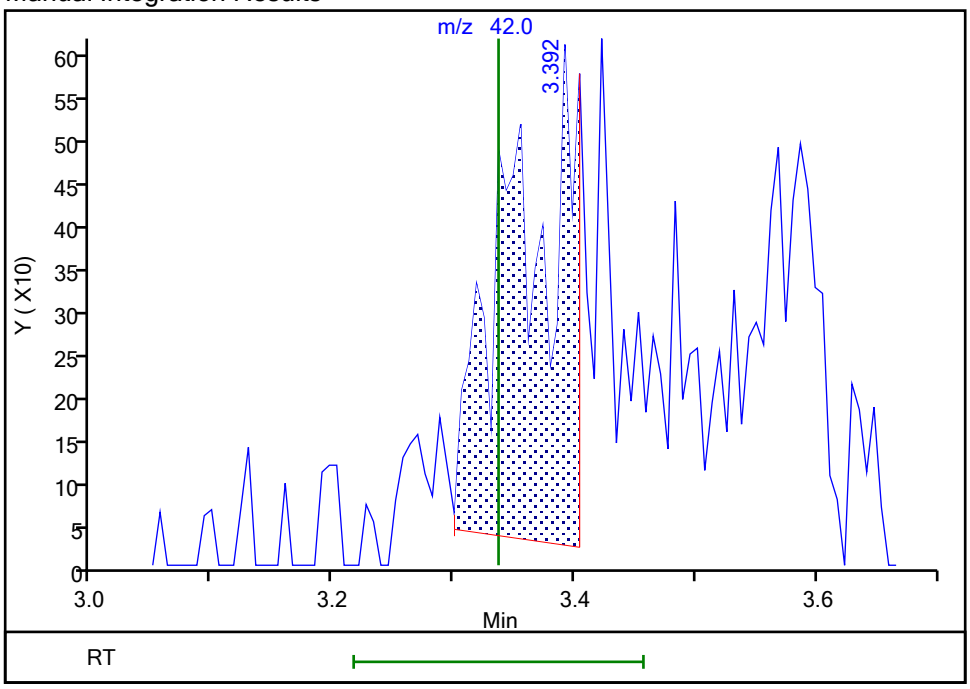
Processing Integration Results

RT: 3.39
Area: 457
Amount: 7.051473
Amount Units: ug/l



Manual Integration Results

RT: 3.39
Area: 2082
Amount: 31.363491
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:41:48
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

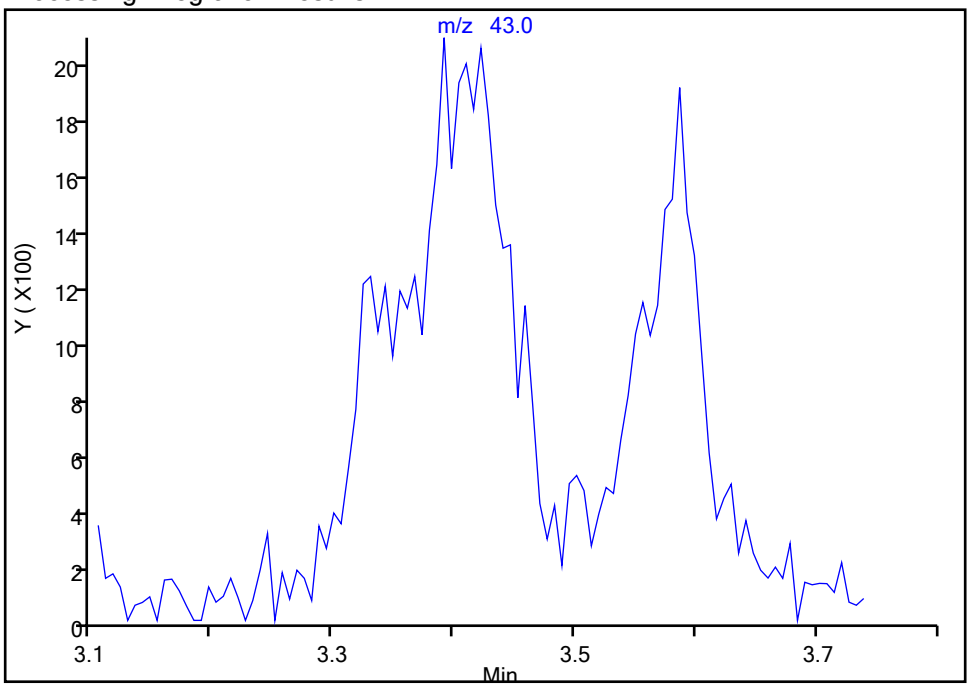
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

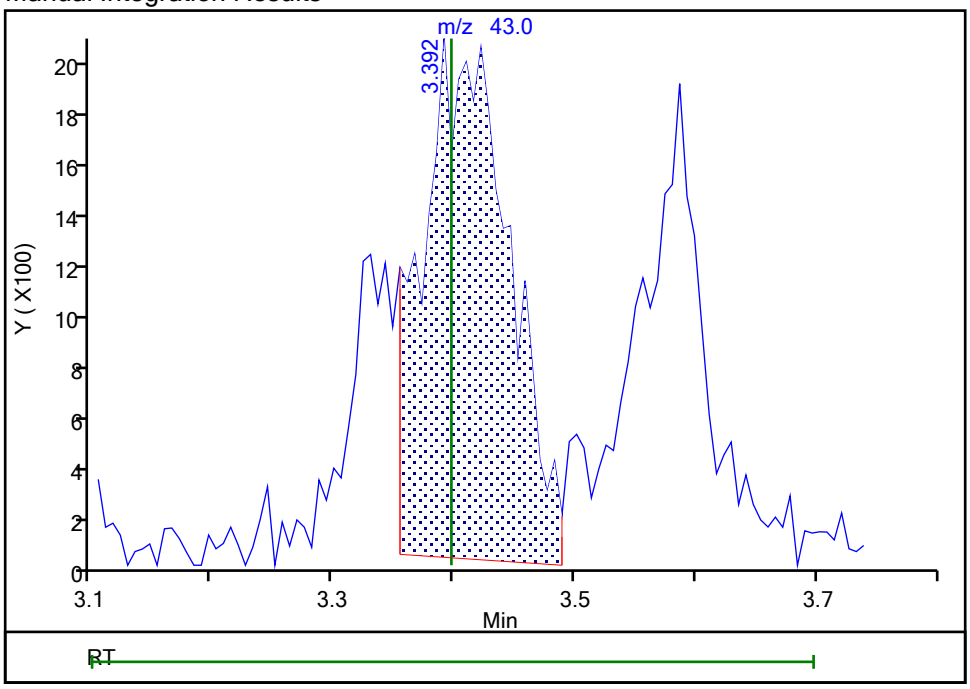
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.39
Area: 10417
Amount: 0.788798
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:37:41
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

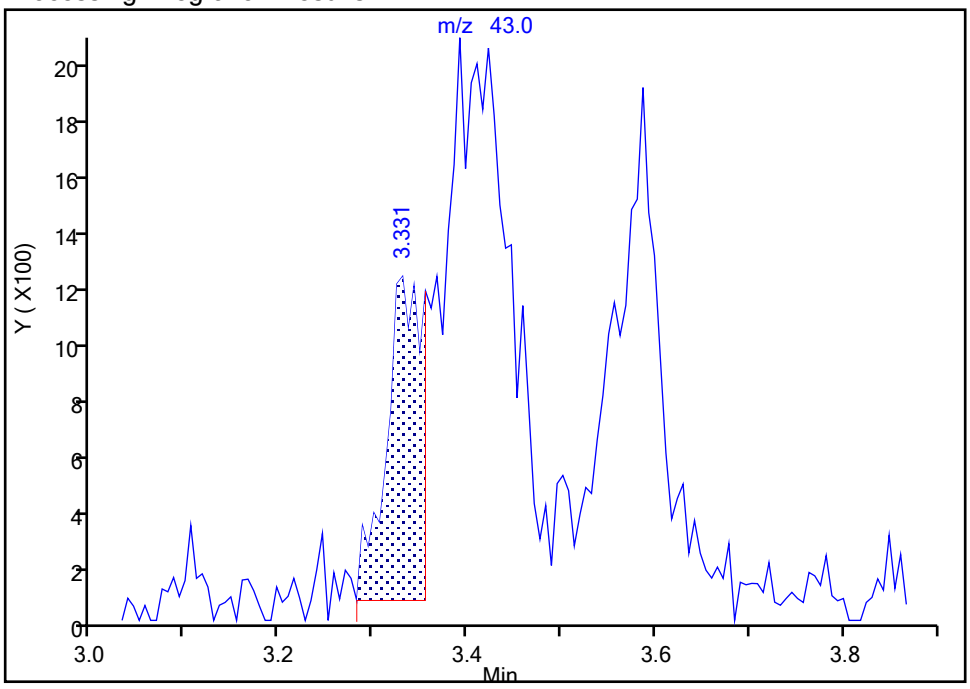
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 n-Heptane, CAS: 142-82-5

Signal: 1

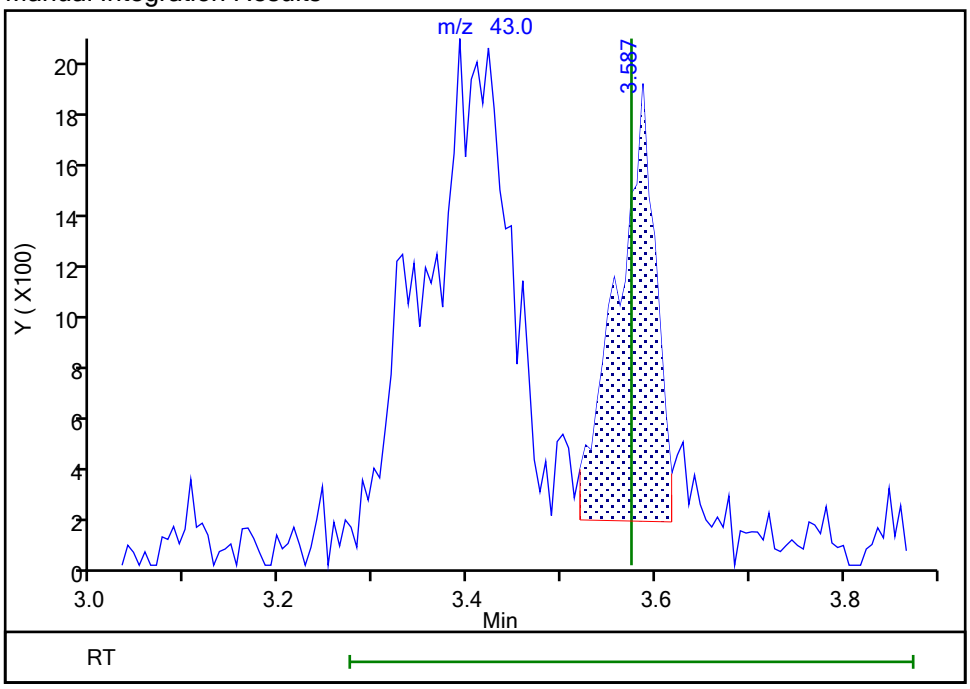
Processing Integration Results

RT: 3.33
Area: 3121
Amount: 0.442455
Amount Units: ug/l



Manual Integration Results

RT: 3.59
Area: 4977
Amount: 0.786830
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:37:48
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

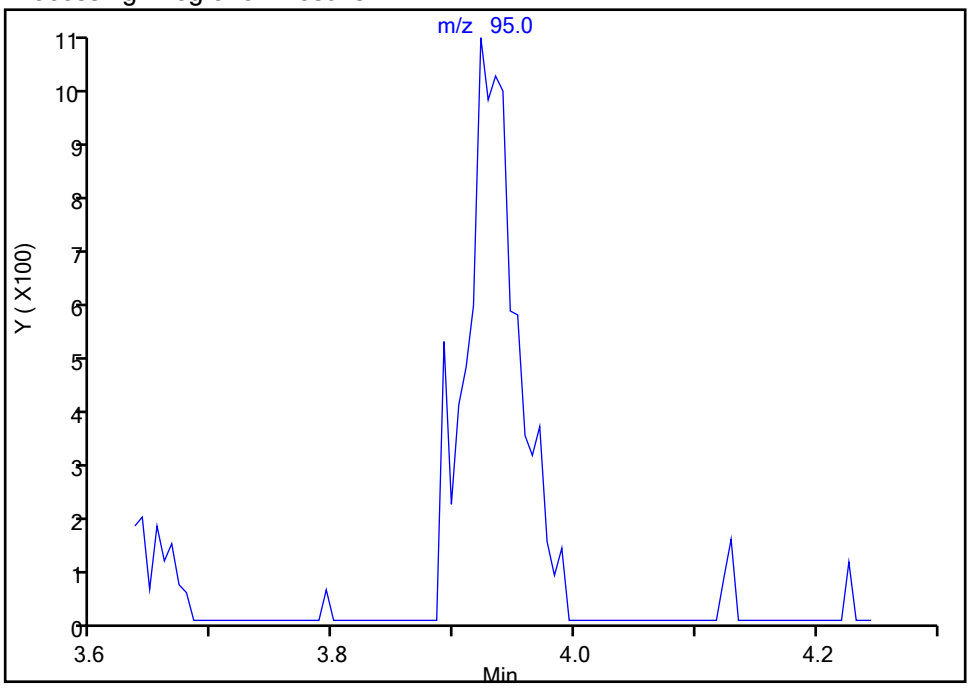
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 Trichloroethene, CAS: 79-01-6

Signal: 1

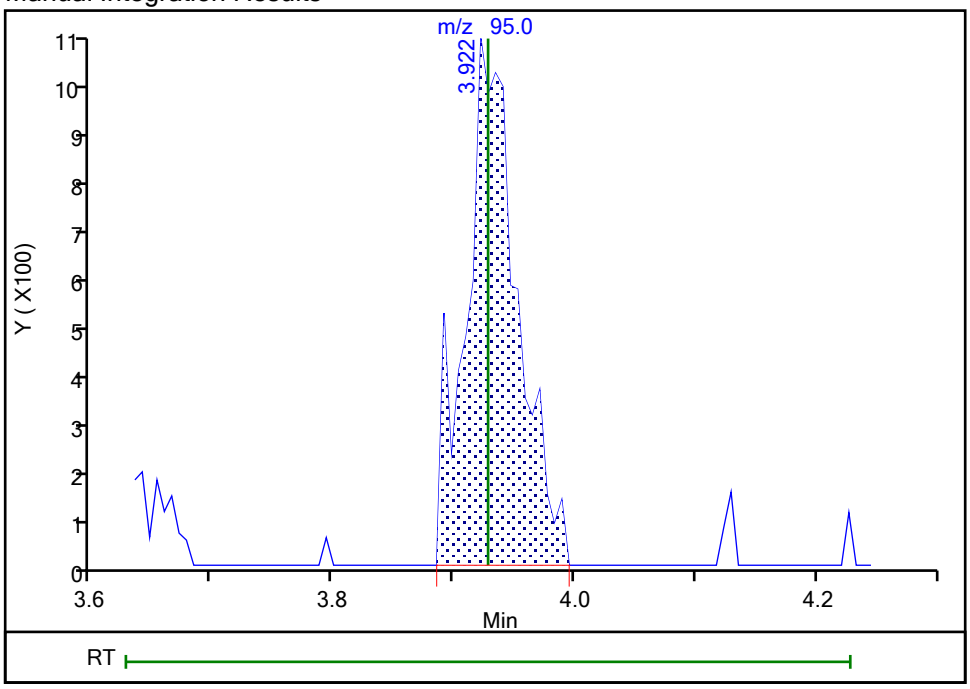
Not Detected
Expected RT: 3.93

Processing Integration Results



Manual Integration Results

RT: 3.92
Area: 3102
Amount: 0.864021
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:37:56
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

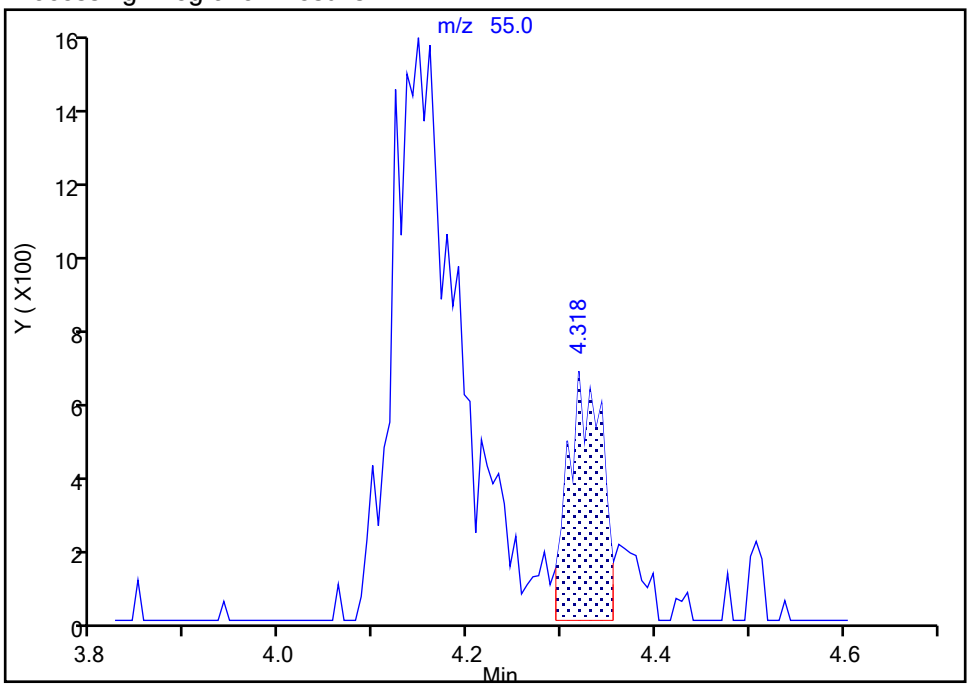
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 Ethyl acrylate, CAS: 140-88-5

Signal: 1

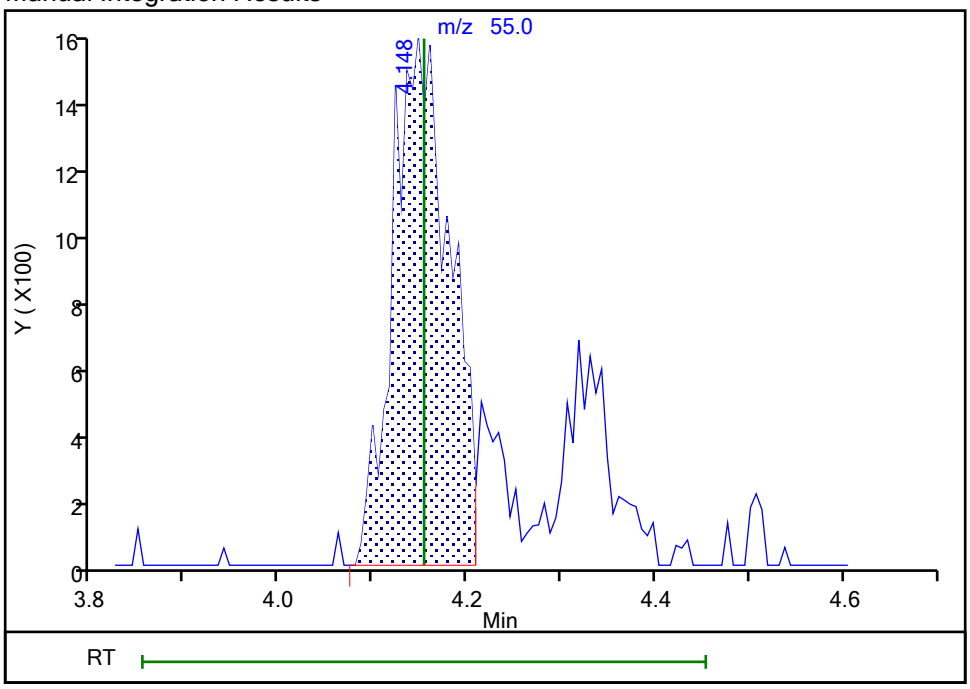
Processing Integration Results

RT: 4.32
Area: 1667
Amount: 0.192080
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 6604
Amount: 0.775656
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:38:08
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

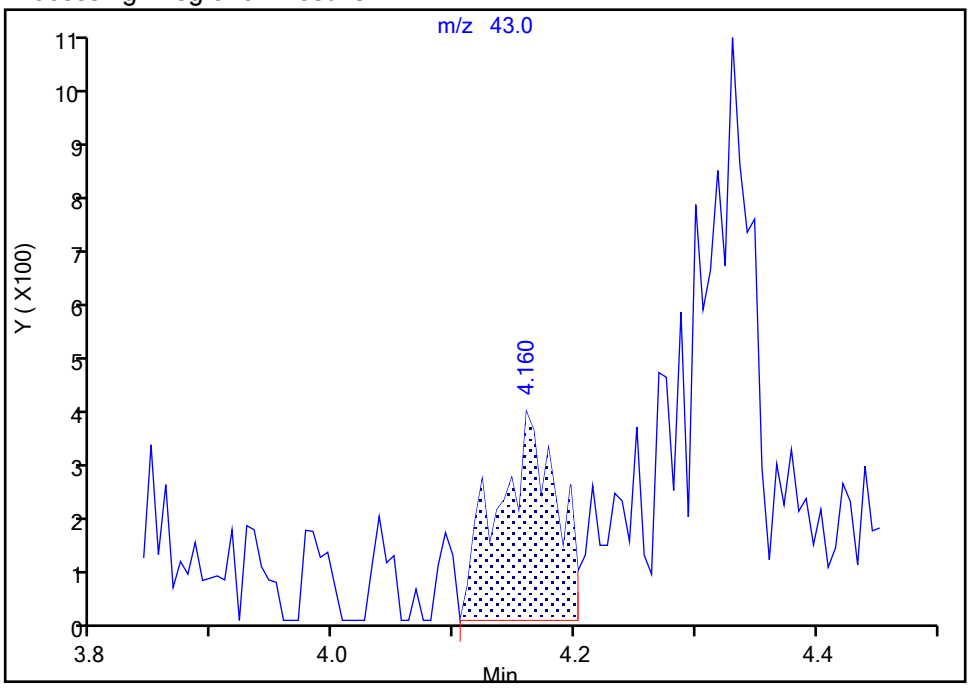
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

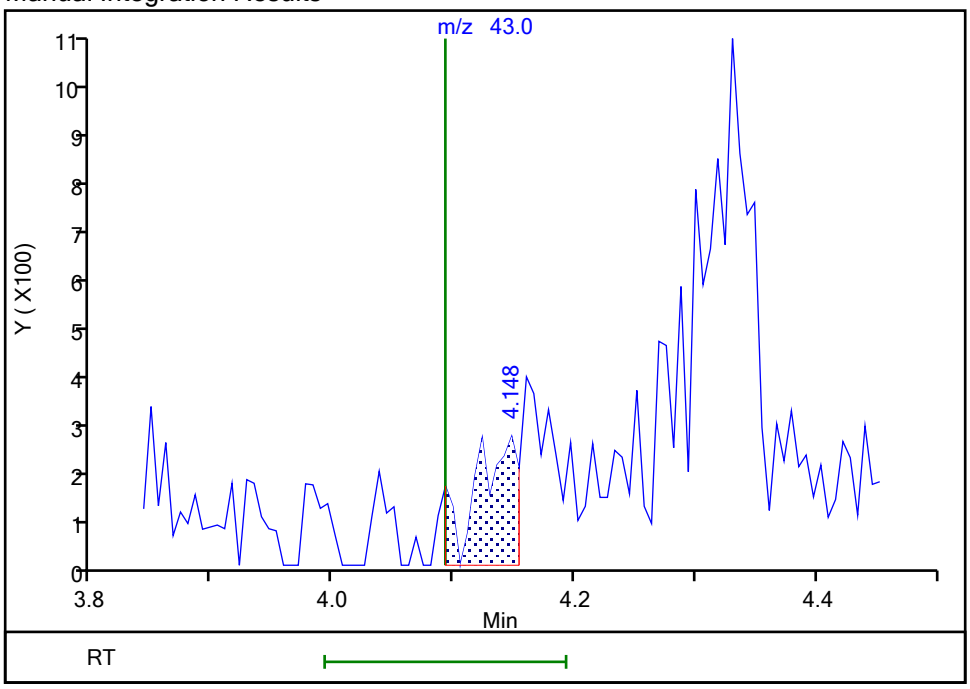
Processing Integration Results

RT: 4.16
Area: 1206
Amount: 42.011747
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 624
Amount: 31.087156
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 13:23:43
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

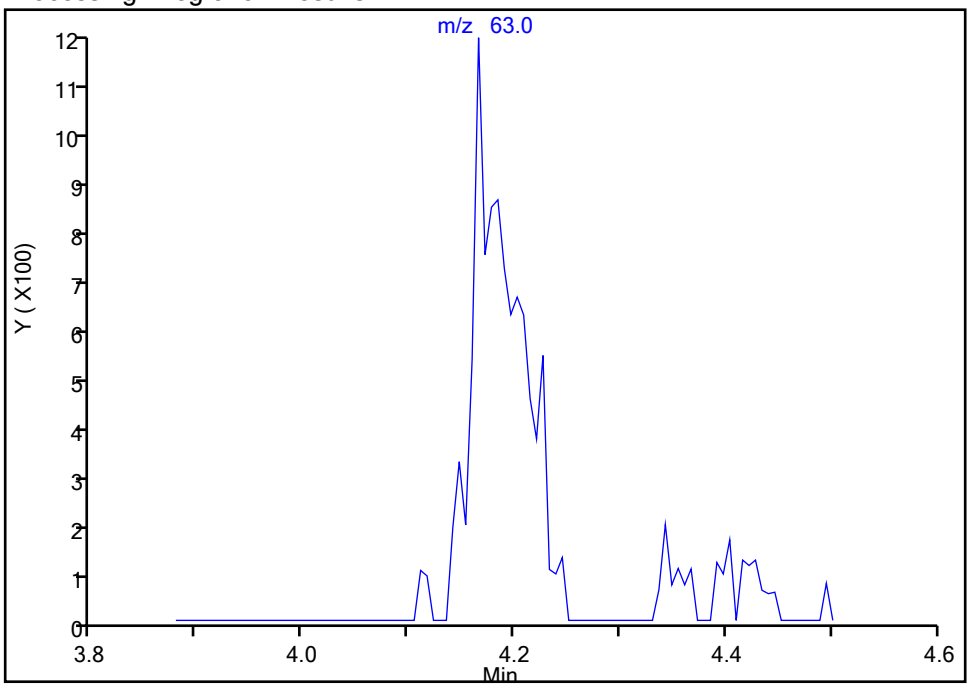
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

67 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

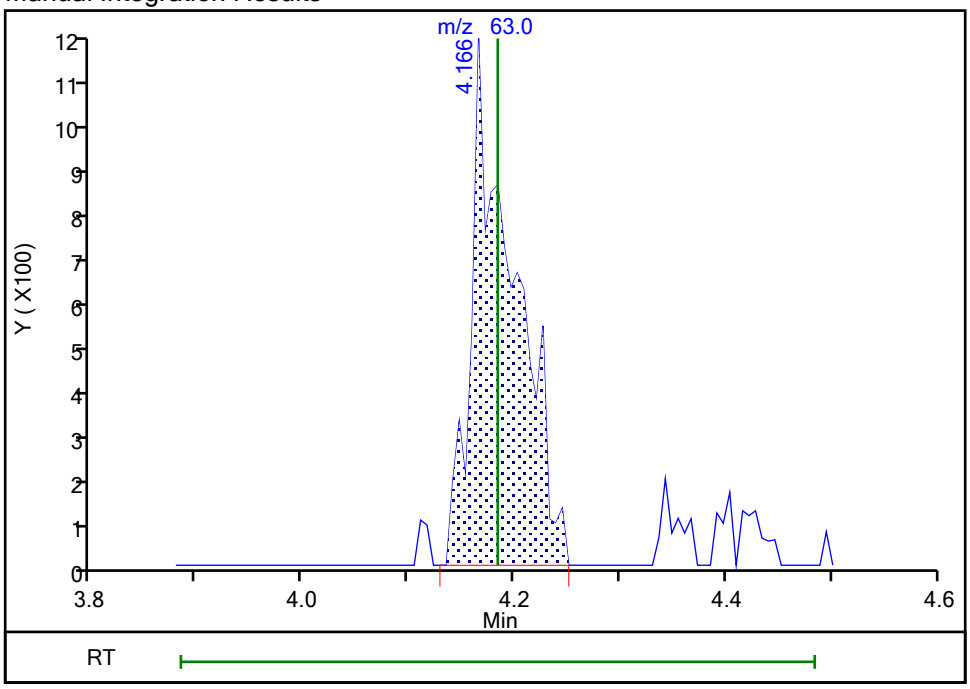
Not Detected
Expected RT: 4.18

Processing Integration Results



Manual Integration Results

RT: 4.17
Area: 3335
Amount: 0.956783
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:38:14
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

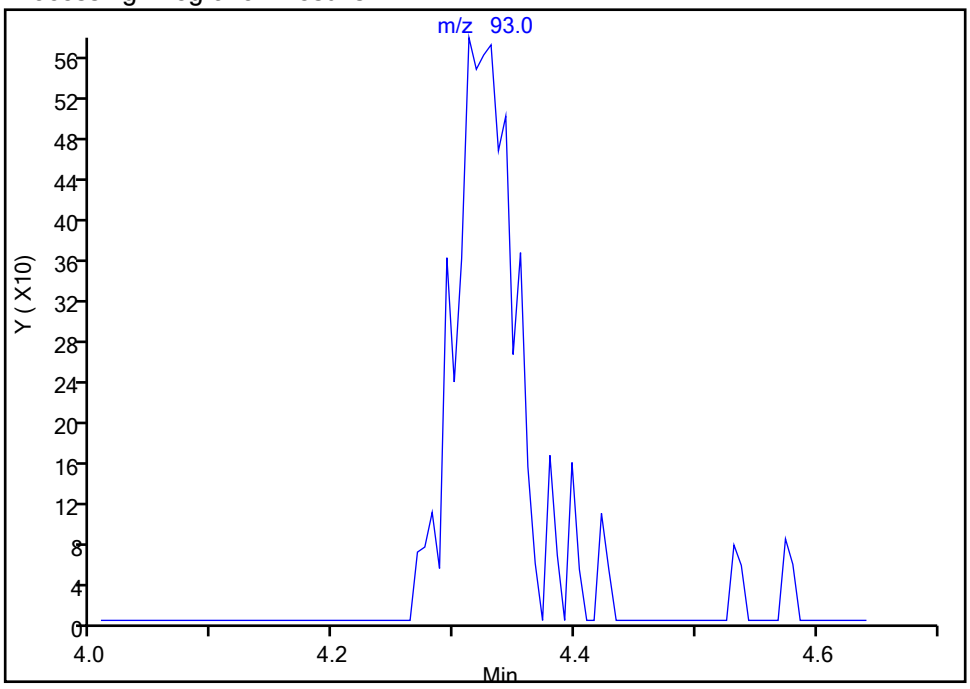
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 Dibromomethane, CAS: 74-95-3

Signal: 1

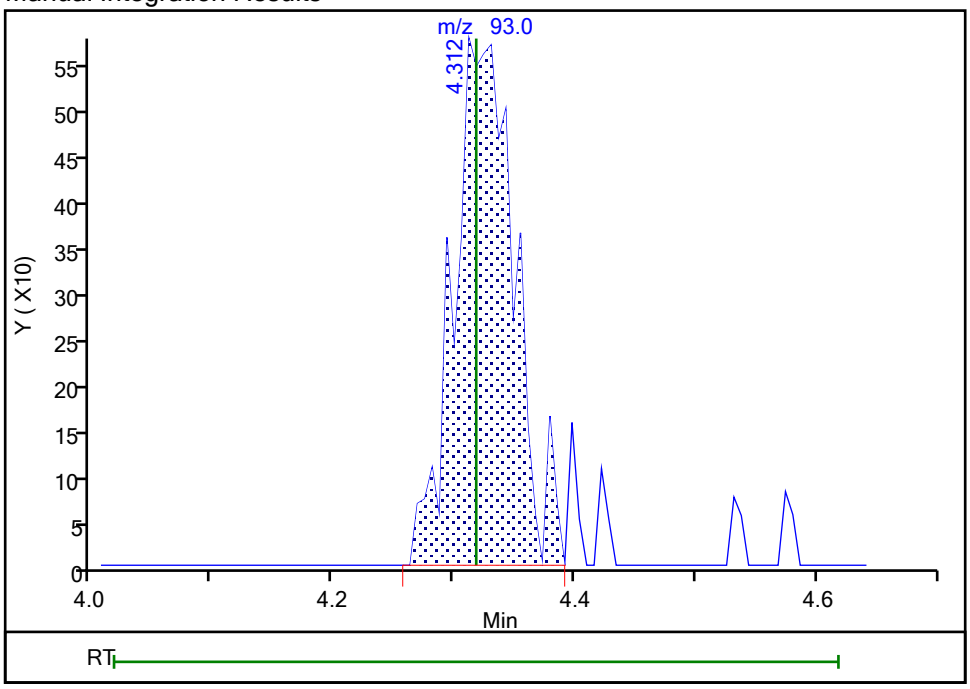
Not Detected
Expected RT: 4.32

Processing Integration Results



Manual Integration Results

RT: 4.31
Area: 2007
Amount: 0.986397
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:38:20
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

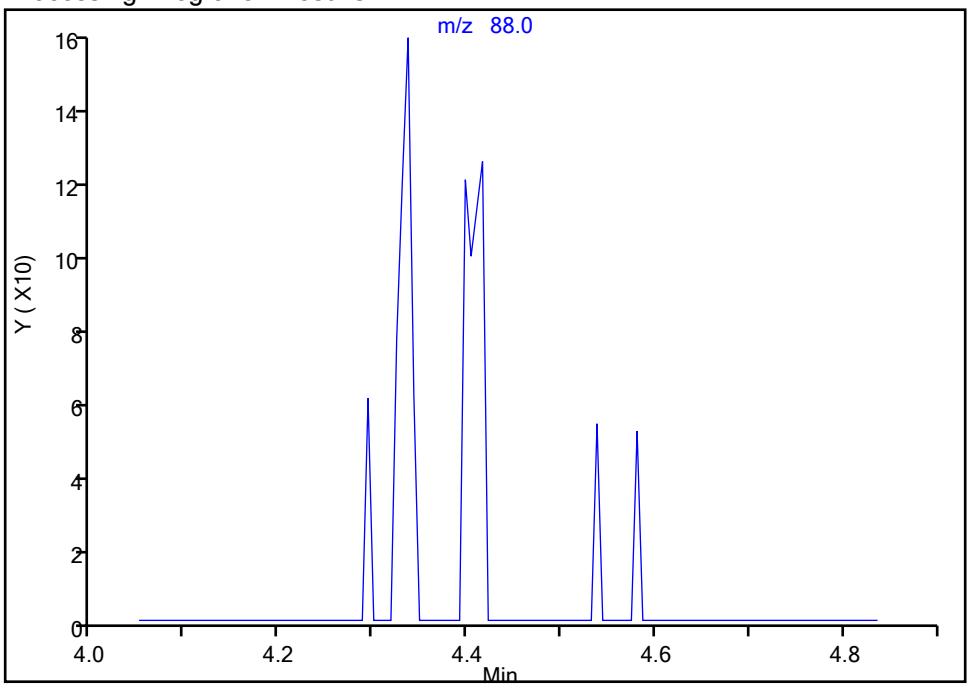
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

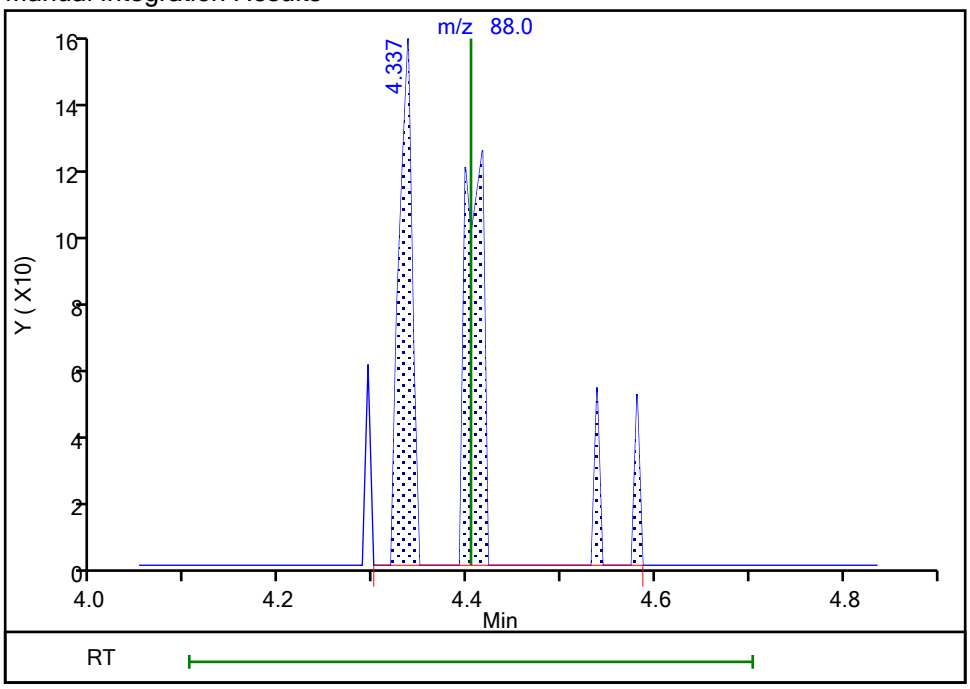
Not Detected
Expected RT: 4.40

Processing Integration Results



Manual Integration Results

RT: 4.34
Area: 361
Amount: 19.129358
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:32:26
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

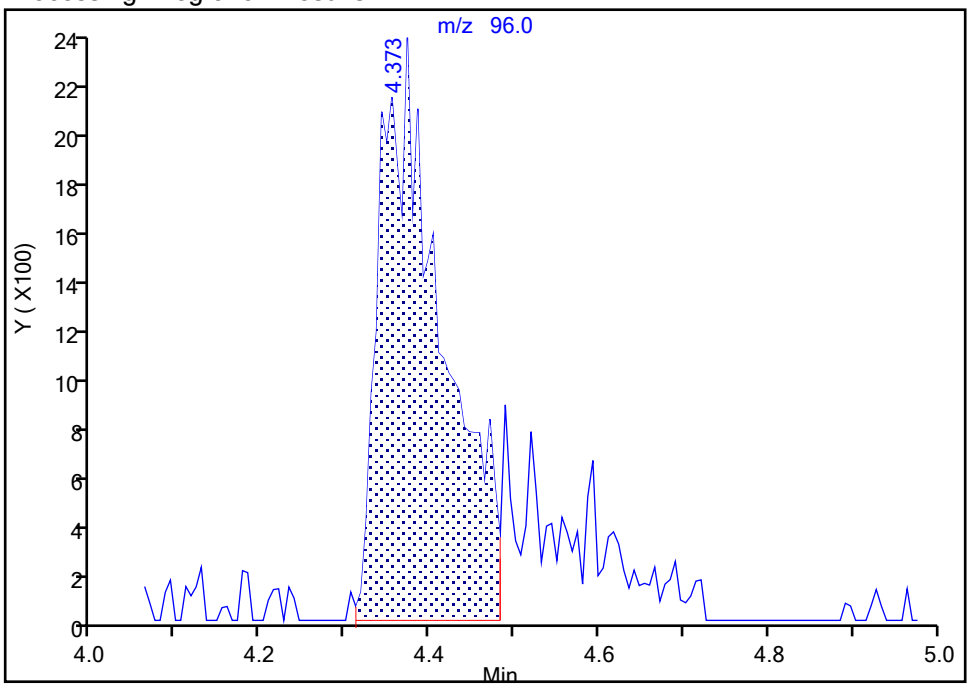
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

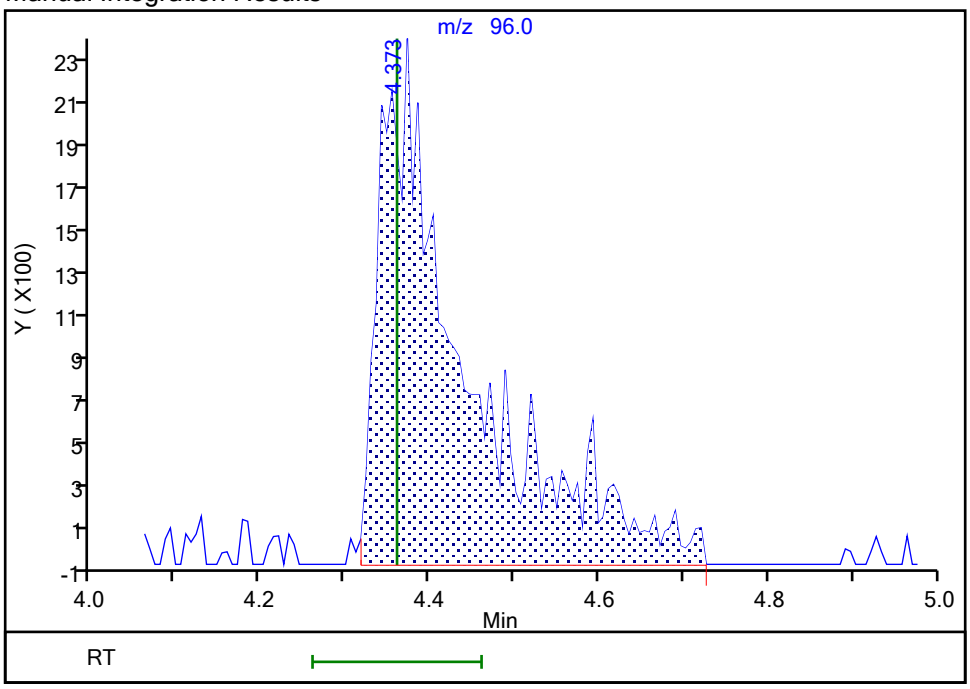
Processing Integration Results

RT: 4.37
Area: 12002
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.37
Area: 16213
Amount: 1000.0000
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:40:01
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

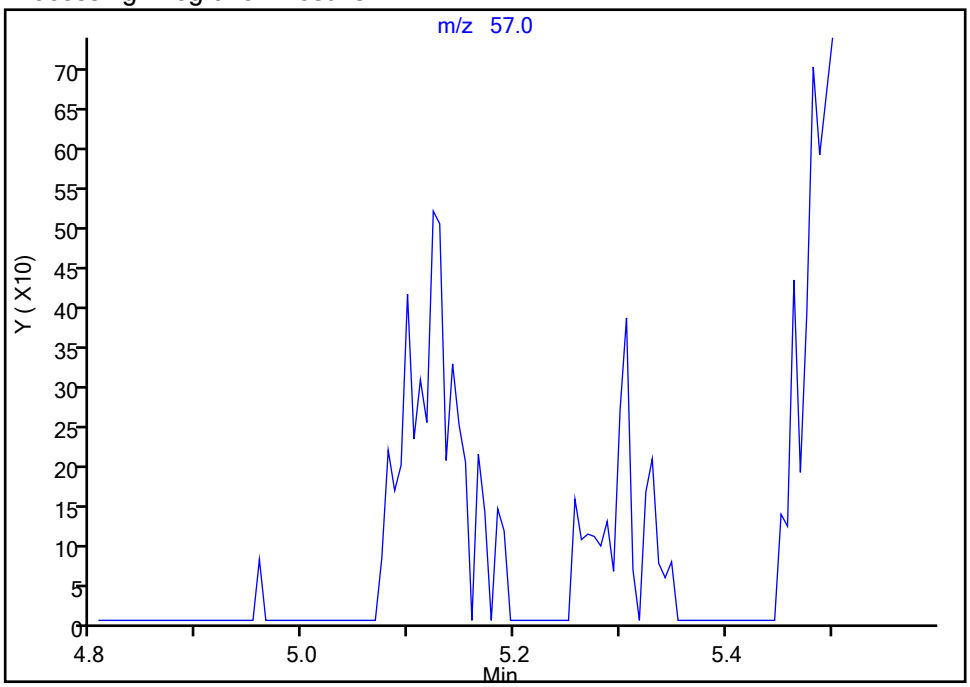
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

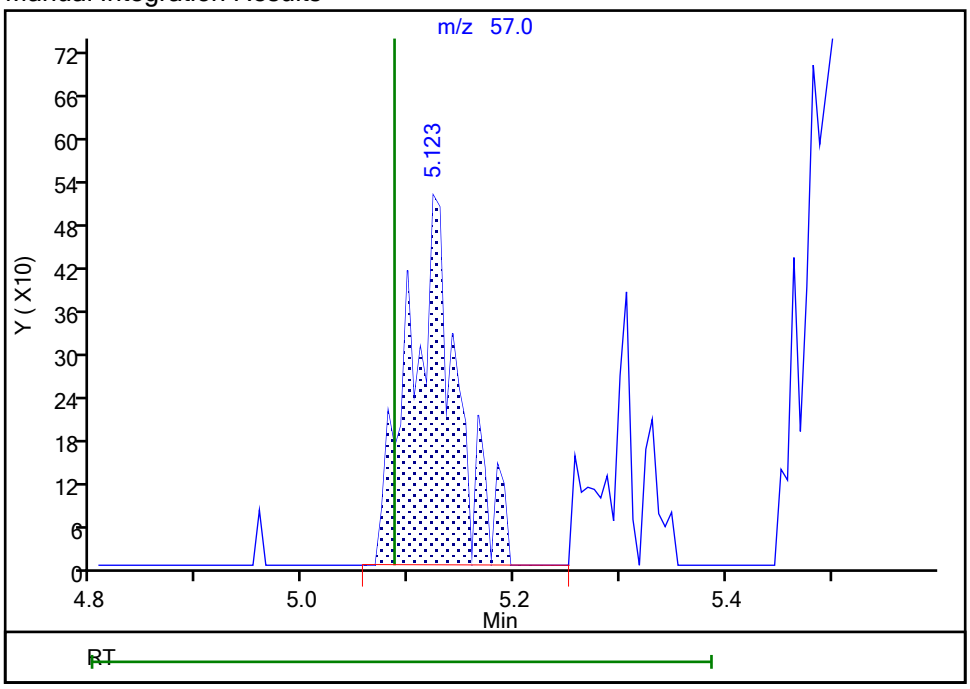
Not Detected
Expected RT: 5.09

Processing Integration Results



Manual Integration Results

RT: 5.12
Area: 1618
Amount: 10.556578
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:21:04
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

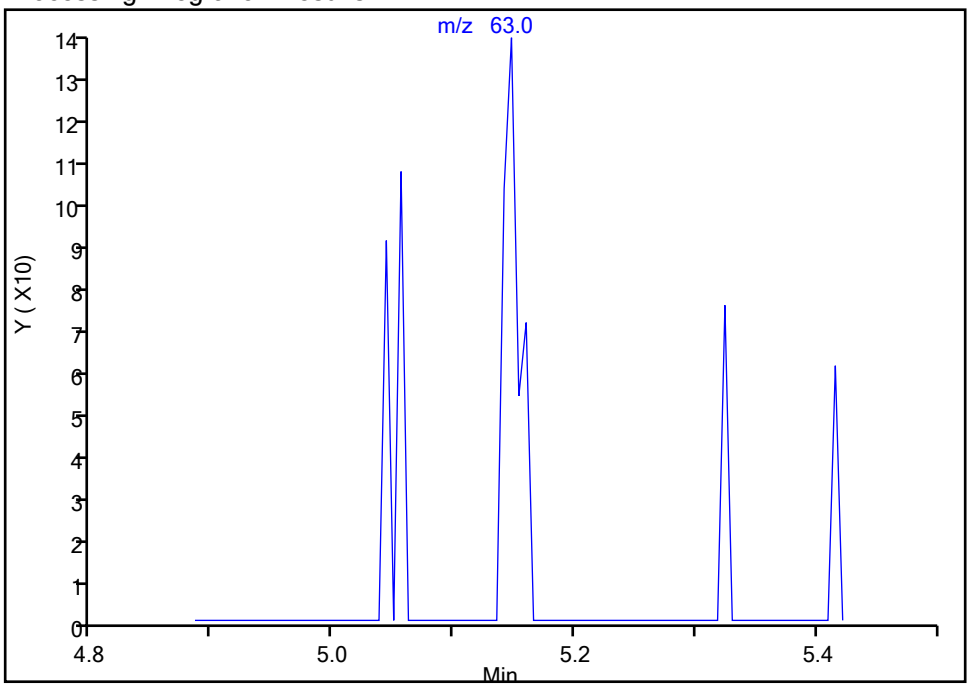
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

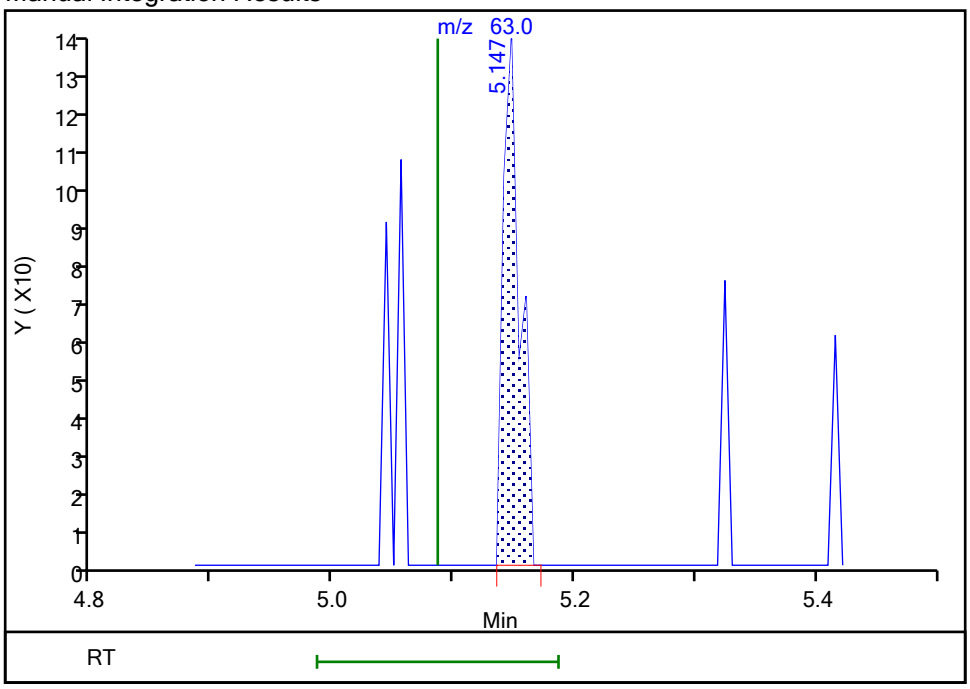
Not Detected
Expected RT: 5.09

Processing Integration Results



Manual Integration Results

RT: 5.15
Area: 130
Amount: 0.516076
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:08
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

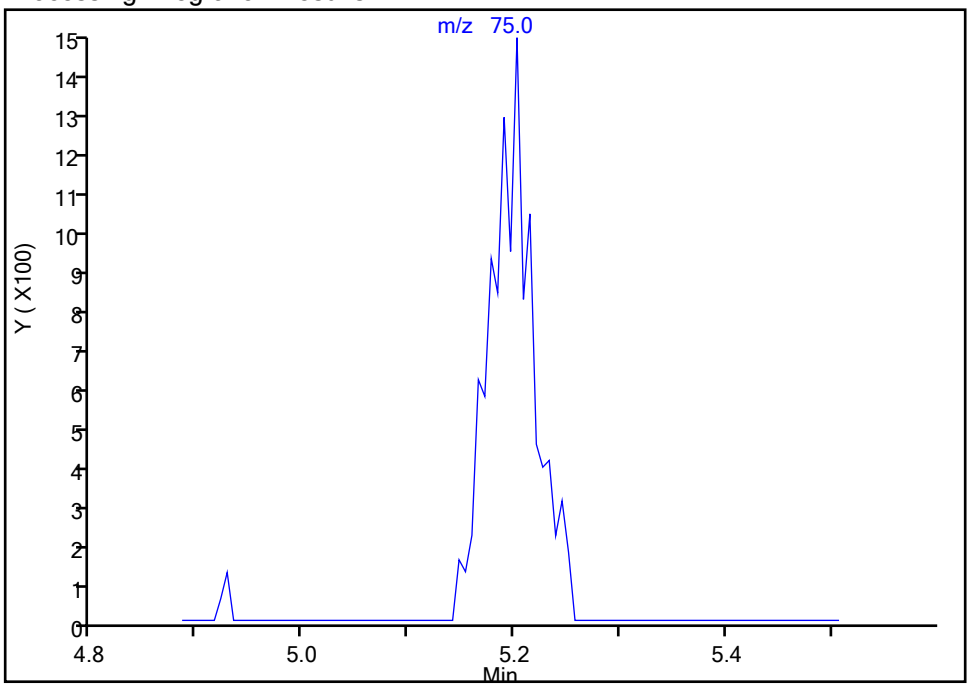
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

77 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

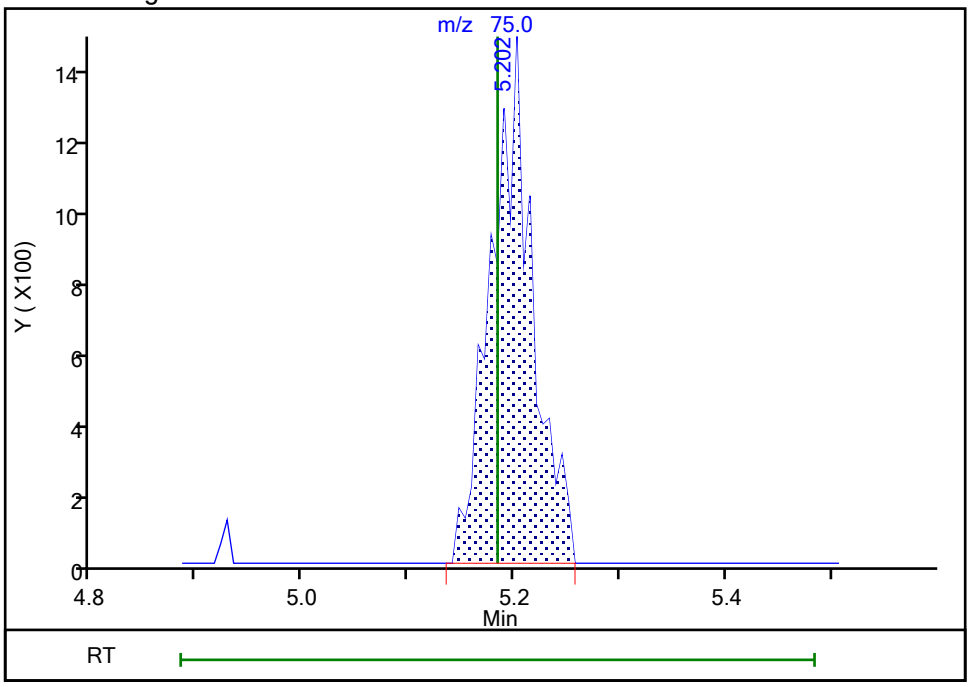
Not Detected
Expected RT: 5.18

Processing Integration Results



Manual Integration Results

RT: 5.20
Area: 3966
Amount: 0.779560
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:15
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

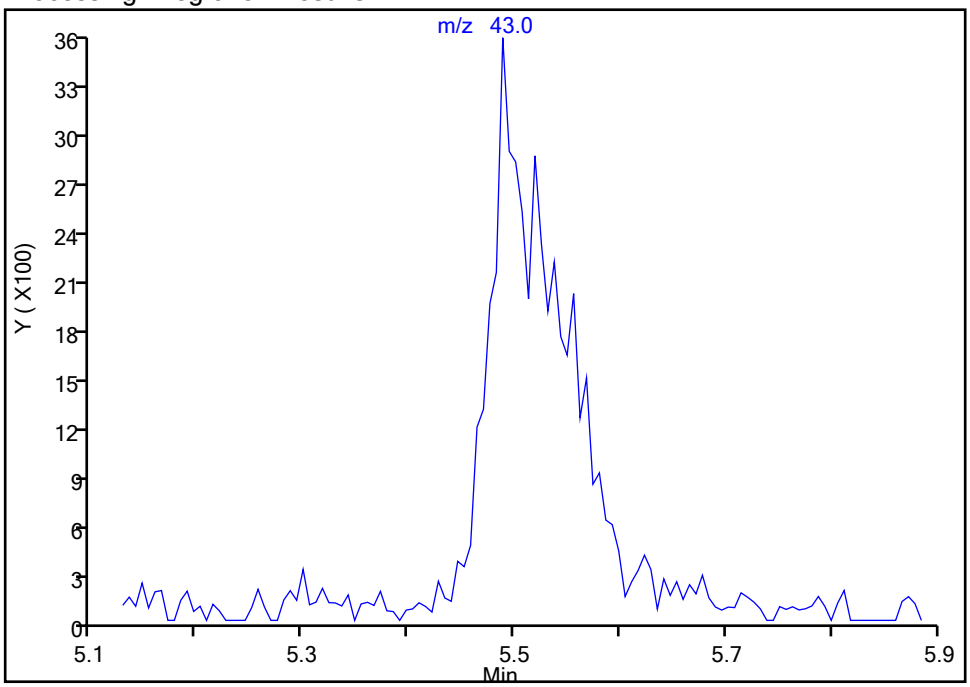
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

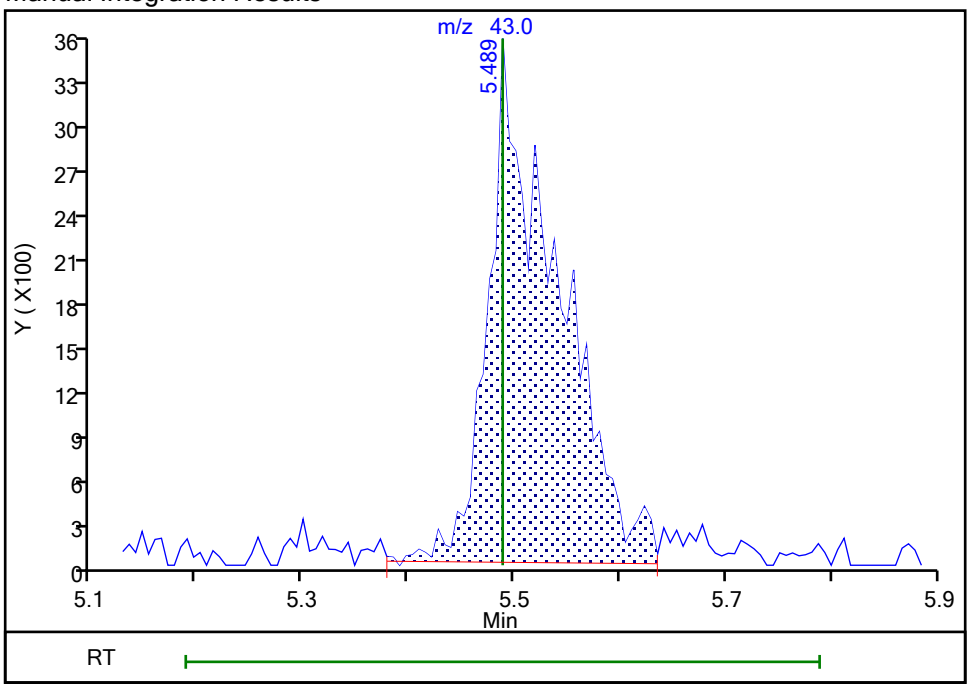
Not Detected
Expected RT: 5.49

Processing Integration Results



Manual Integration Results

RT: 5.49
Area: 15755
Amount: 5.226895
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:22
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

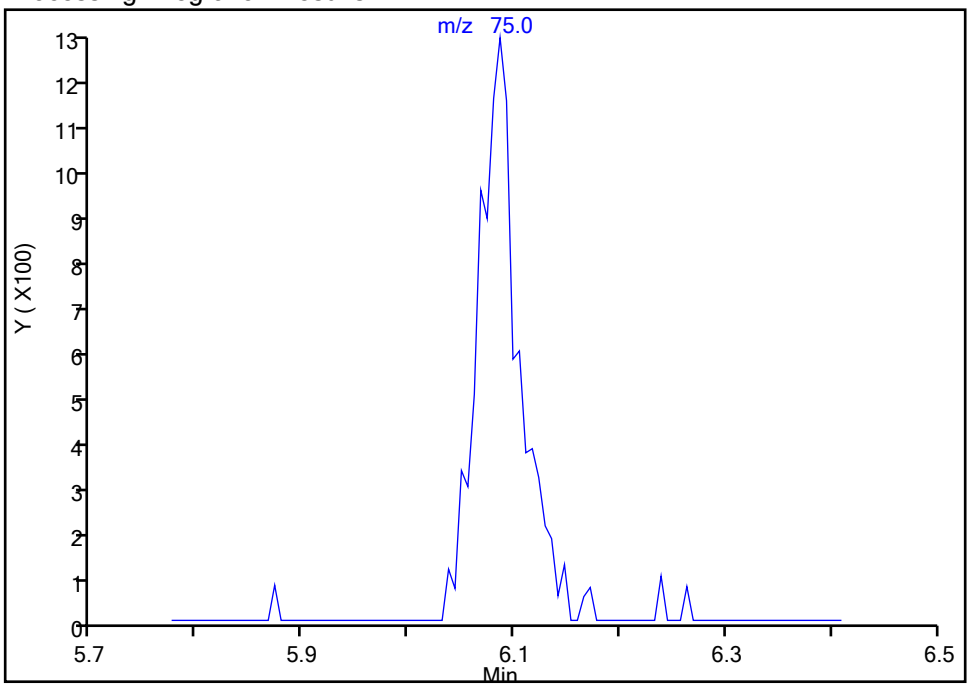
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

82 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

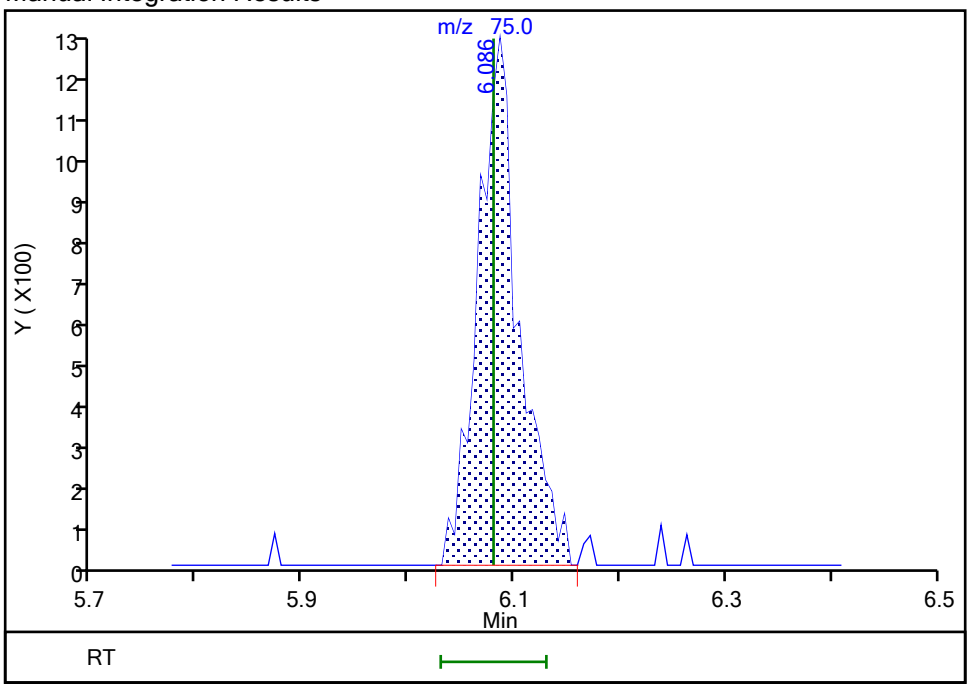
Not Detected
Expected RT: 6.08

Processing Integration Results



Manual Integration Results

RT: 6.09
Area: 3459
Amount: 0.776275
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:29
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

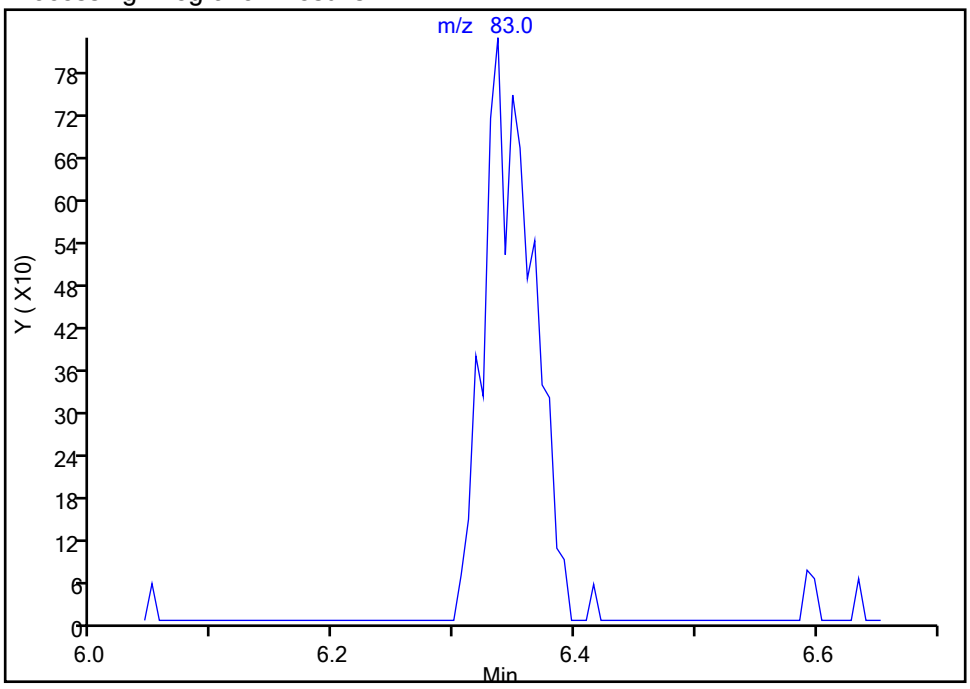
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

83 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

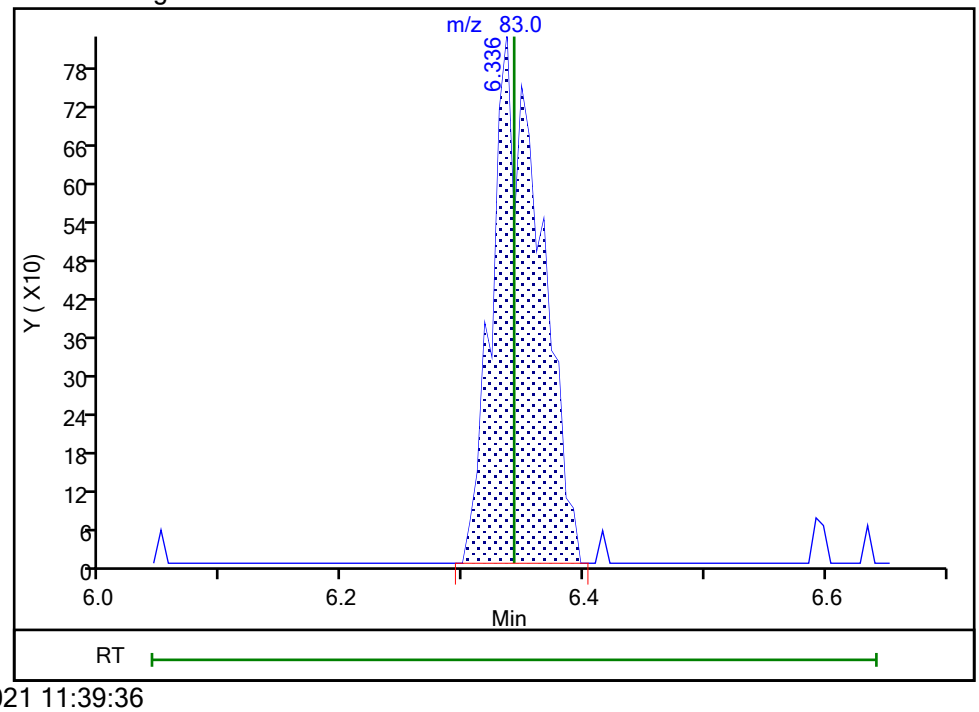
Not Detected
Expected RT: 6.34

Processing Integration Results



Manual Integration Results

RT: 6.34
Area: 2274
Amount: 0.954267
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:36
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

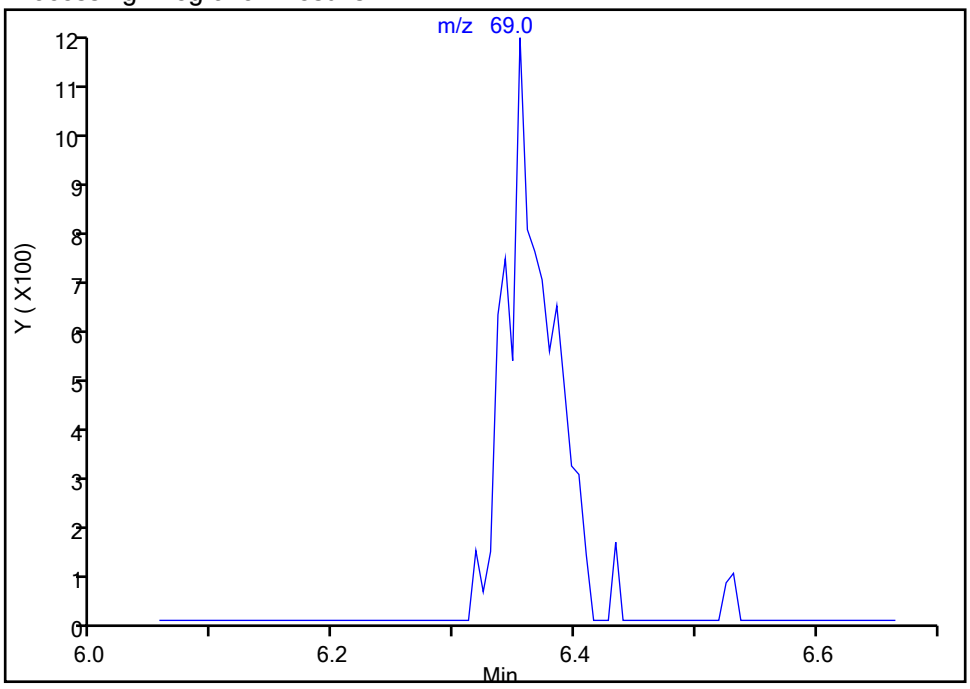
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

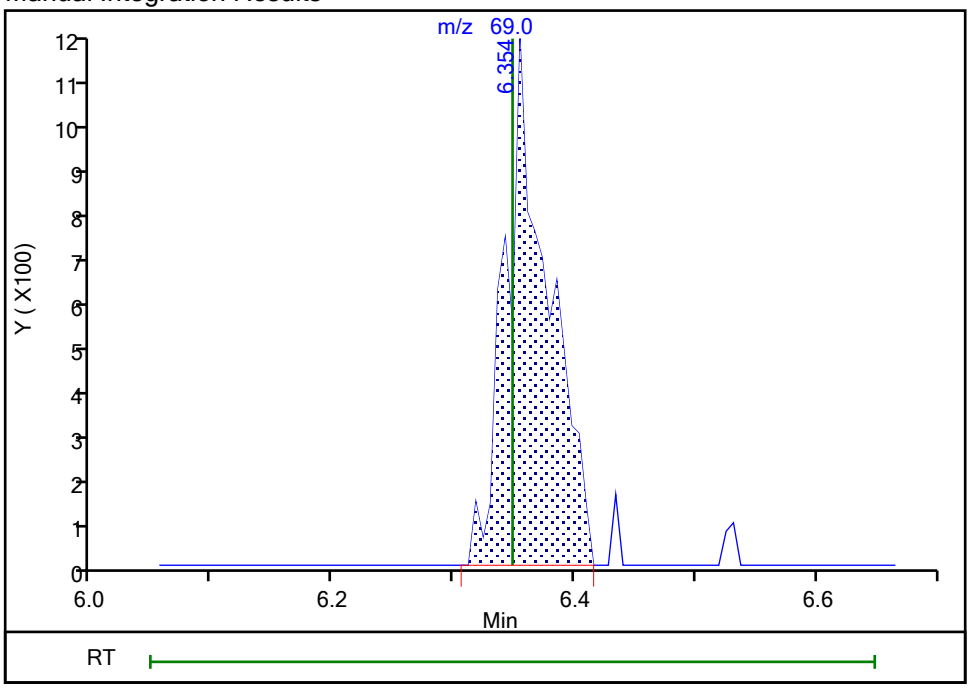
Not Detected
Expected RT: 6.35

Processing Integration Results



Manual Integration Results

RT: 6.35
Area: 2741
Amount: 0.781697
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:49
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

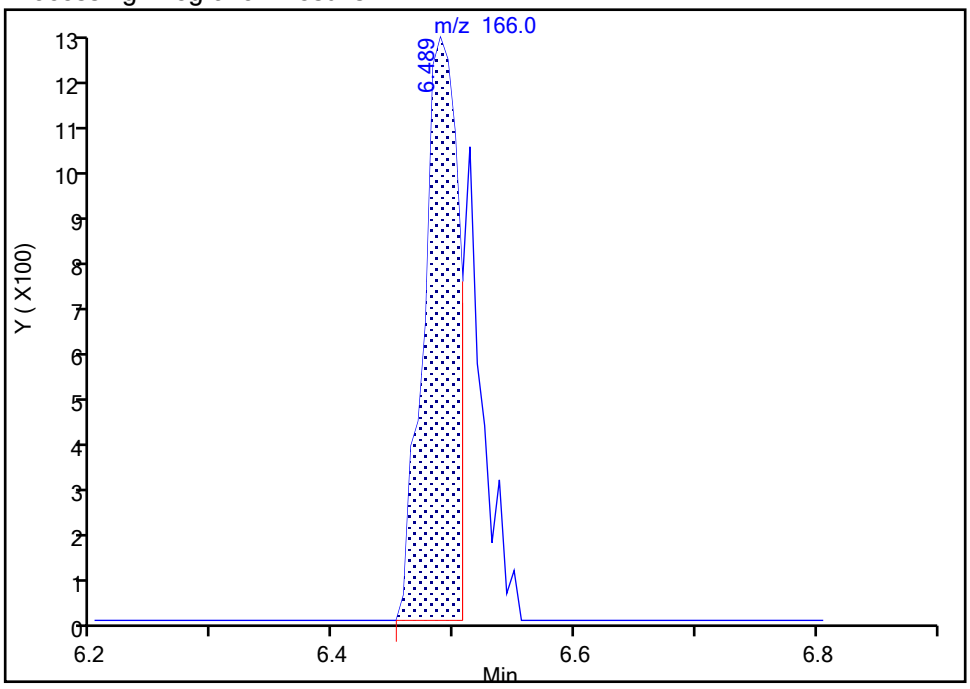
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

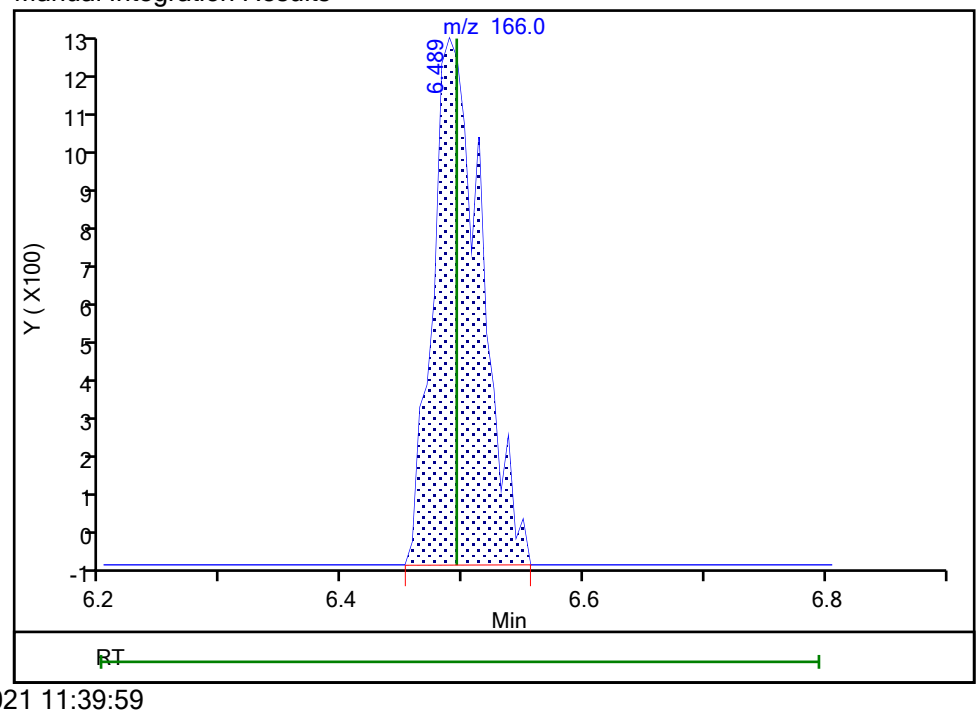
Processing Integration Results

RT: 6.49
Area: 2625
Amount: 0.621731
Amount Units: ug/l



Manual Integration Results

RT: 6.49
Area: 3623
Amount: 0.844043
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:59
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

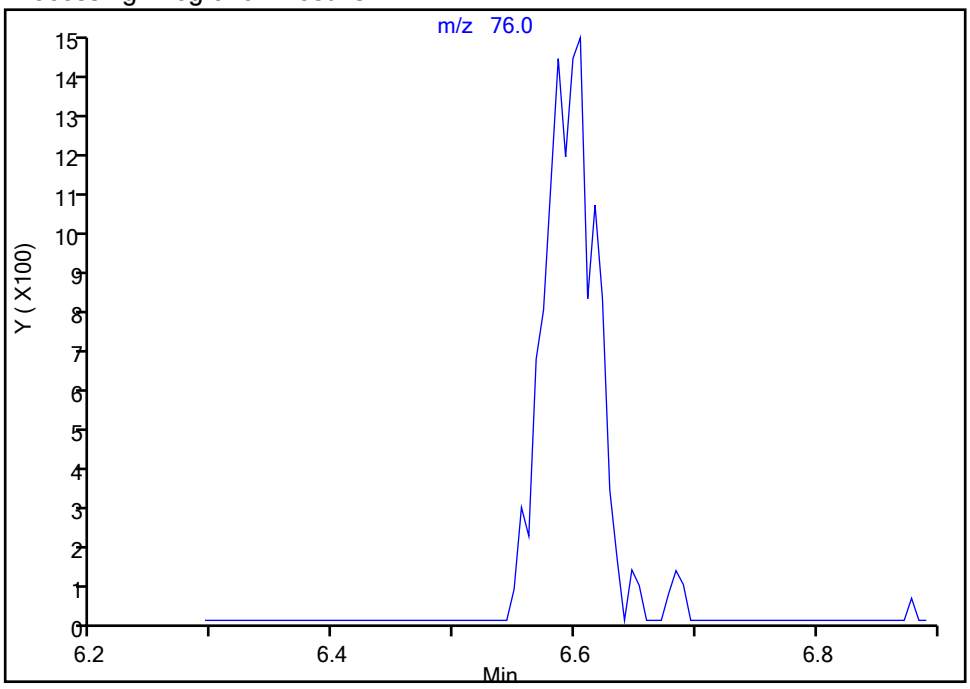
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

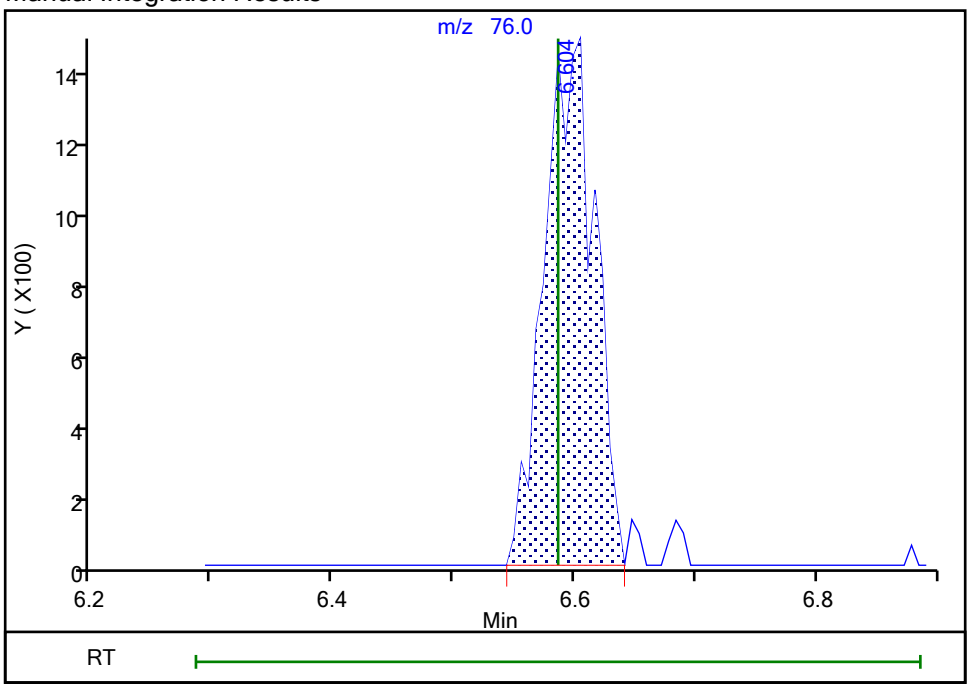
Not Detected
Expected RT: 6.59

Processing Integration Results



Manual Integration Results

RT: 6.60
Area: 4385
Amount: 0.913553
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:40:06
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

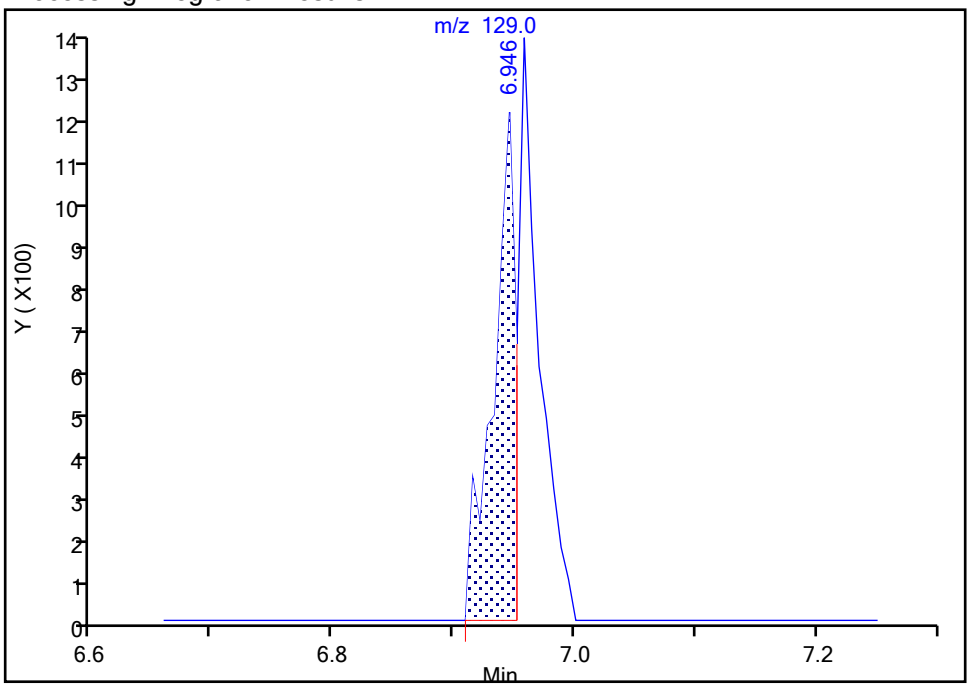
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

88 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

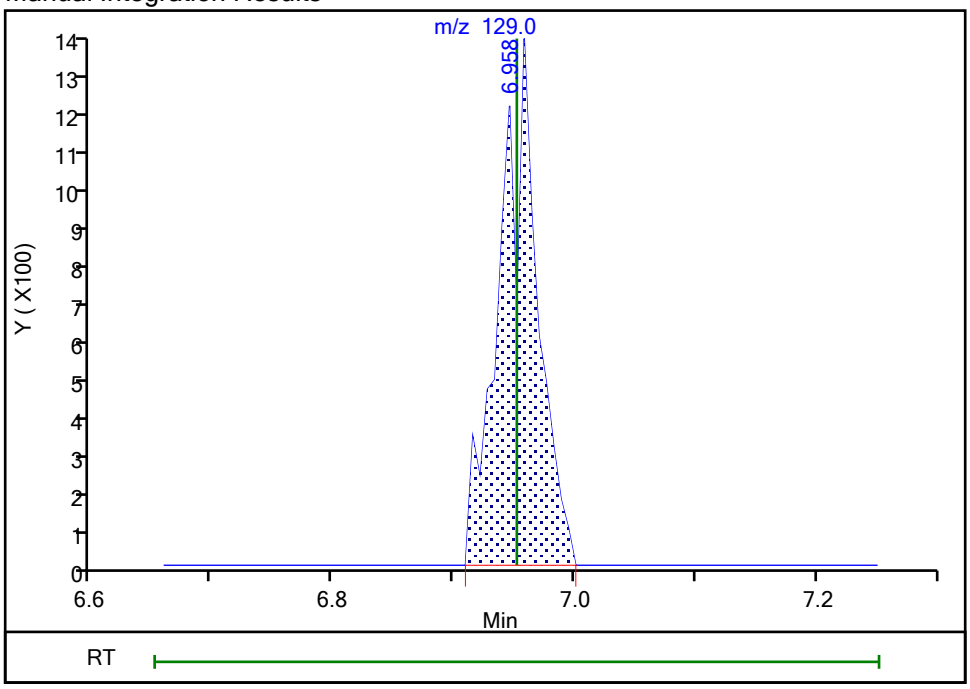
Processing Integration Results

RT: 6.95
Area: 1547
Amount: 0.481931
Amount Units: ug/l



Manual Integration Results

RT: 6.96
Area: 2989
Amount: 0.895058
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:40:15
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

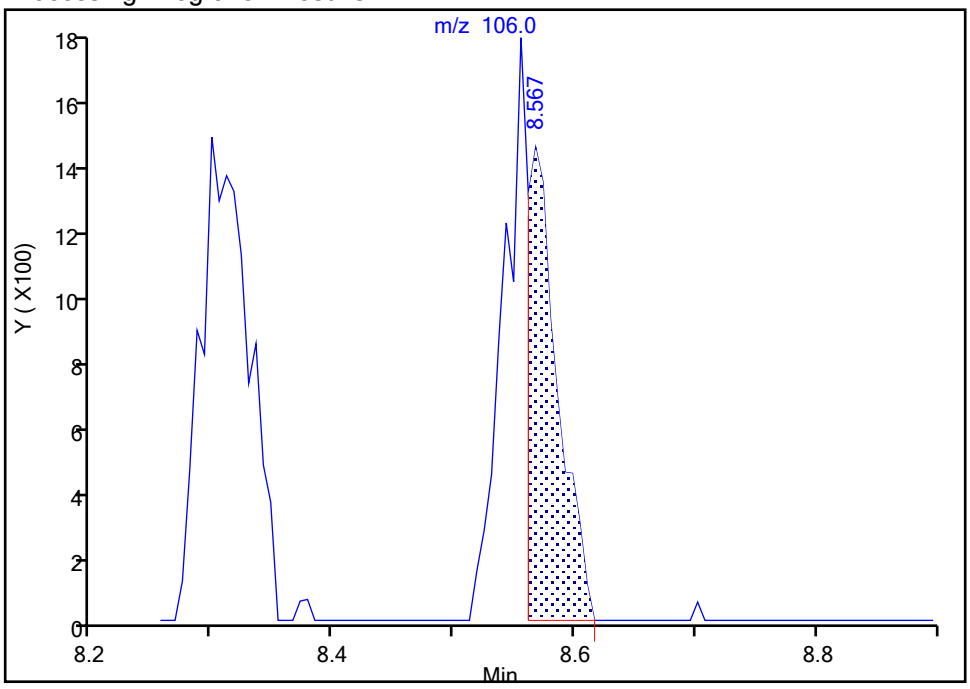
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

95 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

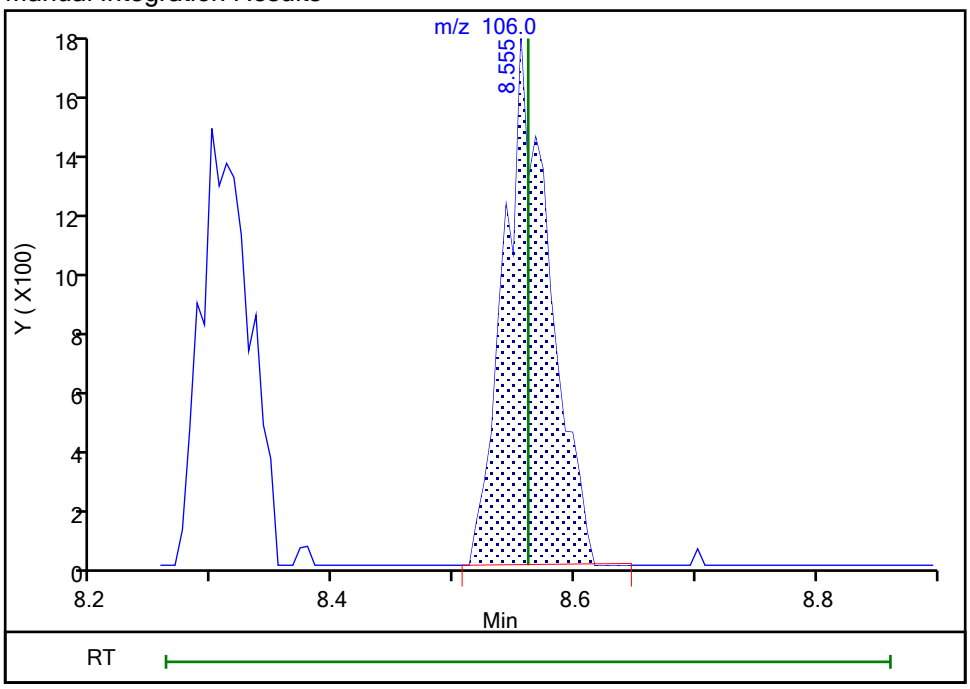
Processing Integration Results

RT: 8.57
Area: 2518
Amount: 0.382921
Amount Units: ug/l



Manual Integration Results

RT: 8.56
Area: 4566
Amount: 0.718694
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:40:31
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 11-Mar-2021 10:21:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0125263-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:00:46 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 11-Mar-2021 11:24:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.691	0.691	0.000	97	46158	NC	NC	
4 Chlorodifluoromethane	67	0.715	0.715	0.000	95	5111	5.00	5.12	a
3 Dichlorodifluoromethane	85	0.709	0.709	0.000	93	41334	5.00	5.61	
5 Chloromethane	50	0.788	0.788	0.000	99	39685	5.00	5.66	
6 Butadiene	54	0.813	0.813	0.000	91	28105	5.00	6.06	
7 Vinyl chloride	62	0.837	0.837	0.000	97	29239	5.00	5.79	M
8 Bromomethane	94	0.965	0.965	0.000	94	21642	5.00	5.62	
9 Chloroethane	64	0.983	0.983	0.000	77	17216	5.00	6.04	
10 Dichlorofluoromethane	67	1.081	1.081	0.000	98	42160	5.00	5.75	
12 Pentane	72	1.105	1.105	0.000	97	7591	10.0	12.7	M
11 Trichlorofluoromethane	101	1.118	1.118	0.000	47	41431	5.00	5.93	Ma
14 Ethanol	46	1.178	1.178	0.000	63	1659	200.0	291.4	M
13 Ethyl ether	59	1.209	1.209	0.000	95	14458	5.00	5.73	
15 2-Methyl-1,3-butadiene	53	1.221	1.221	0.000	93	19520	5.00	5.80	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.246	1.246	0.000	92	21135	5.00	5.56	
18 Acrolein	56	1.270	1.270	0.000	94	58451	200.0	181.0	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.282	1.282	0.000	79	31570	5.00	5.46	a
19 1,1-Dichloroethene	96	1.325	1.325	0.000	97	20264	5.00	5.59	
21 Acetone	43	1.355	1.355	0.000	85	17435	25.0	19.5	
20 112TCTFE	101	1.361	1.361	0.000	96	25092	5.00	6.01	
22 Iodomethane	142	1.404	1.404	0.000	96	42601	5.00	5.64	
23 Carbon disulfide	76	1.428	1.428	0.000	99	72071	5.00	5.54	
24 Isopropyl alcohol	45	1.441	1.441	0.000	25	8855	50.0	53.5	Ma
25 3-Chloro-1-propene	39	1.520	1.520	0.000	93	22299	5.00	4.92	
26 Methyl acetate	43	1.544	1.544	0.000	99	20477	10.0	8.85	
27 Acetonitrile	39	1.556	1.556	0.000	74	11079	50.0	50.9	
28 Methylene Chloride	84	1.587	1.587	0.000	91	21985	5.00	5.58	
* 29 TBA-d9 (IS)	65	1.648	1.648	0.000	0	248275	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.709	1.709	0.000	34	18540	50.0	60.4	a
31 Acrylonitrile	53	1.745	1.745	0.000	86	59032	50.0	54.7	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.758	1.758	0.000	92	22834	5.00	5.68	
33 Methyl tert-butyl ether	73	1.782	1.782	0.000	96	52959	5.00	5.09	
34 Hexane	57	1.941	1.941	0.000	93	32304	5.00	5.66	
35 1,1-Dichloroethane	63	2.032	2.032	0.000	97	38740	5.00	5.52	
36 Vinyl acetate	86	2.075	2.075	0.000	100	5637	10.0	10.3	M
37 2-Chloro-1,3-butadiene	88	2.087	2.087	0.000	92	18892	5.00	5.47	
38 Isopropyl ether	45	2.111	2.111	0.000	96	65781	5.00	5.50	
39 Tert-butyl ethyl ether	87	2.373	2.373	0.000	91	22577	5.00	5.26	
* 40 2-Butanone-d5	46	2.440	2.440	0.000	0	290332	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	95	22344	5.00	5.32	
42 2,2-Dichloropropane	79	2.471	2.471	0.000	67	10552	5.00	5.53	a
43 2-Butanone (MEK)	72	2.483	2.483	0.000	48	10403	25.0	25.6	
44 Propionitrile	54	2.532	2.532	0.000	1	15503	50.0	40.2	
45 Ethyl acetate	70	2.550	2.550	0.000	84	3335	10.0	12.1	M
62 Methyl acrylate	55	2.587	2.587	0.000	30	18135	5.00	5.23	
46 Chlorobromomethane	128	2.654	2.654	0.000	55	11832	5.00	5.44	
47 Methacrylonitrile	67	2.660	2.660	0.000	92	63864	50.0	51.7	
48 Tetrahydrofuran	72	2.690	2.690	0.000	31	4493	10.0	10.0	
49 Chloroform	83	2.739	2.739	0.000	99	36628	5.00	5.36	
$ 50 Dibromofluoromethane (Surr)	113	2.885	2.885	0.000	98	167189	50.0	48.4	
51 1,1,1-Trichloroethane	97	2.892	2.892	0.000	45	33372	5.00	5.29	
52 Cyclohexane	84	2.934	2.934	0.000	93	33540	5.00	5.46	
54 1,1-Dichloropropene	75	3.038	3.038	0.000	94	28884	5.00	5.50	
53 Carbon tetrachloride	117	3.038	3.038	0.000	93	30492	5.00	5.45	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.184	3.184	0.000	0	174600	50.0	49.0	
56 Benzene	78	3.227	3.227	0.000	94	78429	5.00	5.44	
57 1,2-Dichloroethane	62	3.251	3.251	0.000	81	24953	5.00	5.22	
58 Isobutyl alcohol	42	3.367	3.367	0.000	34	7925	125.0	125.9	Ma
59 Tert-amyl methyl ether	73	3.385	3.385	0.000	92	53501	5.00	4.68	a
73 Isopropyl acetate	43	3.391	3.391	0.000	83	76665	5.00	5.30	a
* 60 Fluorobenzene	96	3.526	3.526	0.000	99	607466	50.0	50.0	
61 n-Heptane	43	3.574	3.574	0.000	93	39142	5.00	5.65	a
63 Trichloroethene	95	3.934	3.934	0.000	97	20533	5.00	5.22	
64 n-Butanol	43	4.129	4.129	0.000	44	3892	125.0	202.2	M
65 Methylcyclohexane	83	4.141	4.141	0.000	94	36524	5.00	5.11	
66 Ethyl acrylate	55	4.147	4.147	0.000	91	48500	5.00	5.20	
67 1,2-Dichloropropane	63	4.190	4.190	0.000	92	18933	5.00	4.96	
68 Dibromomethane	93	4.330	4.330	0.000	46	10969	5.00	4.92	
* 69 1,4-Dioxane-d8	96	4.355	4.355	0.000	0	19113	1000.0	1000.0	M
70 1,4-Dioxane	88	4.440	4.440	0.000	26	2102	100.0	94.5	a
71 Methyl methacrylate	100	4.434	4.434	0.000	95	7855	10.0	10.1	
72 Dichlorobromomethane	83	4.568	4.568	0.000	99	24970	5.00	5.12	
81 n-Propyl acetate	43	4.562	4.562	0.000	62	18773	5.00	4.37	
74 2-Nitropropane	41	4.903	4.903	0.000	77	6290	10.0	8.89	a
75 2-Chloroethyl vinyl ether	63	5.056	5.056	0.000	31	822	5.01	2.97	Ma
76 Epichlorohydrin	57	5.111	5.111	0.000	97	12726	100.0	74.6	Ma
77 cis-1,3-Dichloropropene	75	5.196	5.196	0.000	92	25214	5.00	4.80	
78 4-Methyl-2-pentanone (MIBK)	43	5.495	5.495	0.000	95	81799	25.0	24.4	a
$ 79 Toluene-d8 (Surr)	98	5.556	5.556	0.000	99	596595	50.0	48.2	
80 Toluene	91	5.647	5.647	0.000	94	80392	5.00	5.18	
82 trans-1,3-Dichloropropene	75	6.074	6.074	0.000	91	22851	5.00	4.97	
83 1,1,2-Trichloroethane	83	6.342	6.342	0.000	92	12341	5.00	5.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.360	6.360	0.000	92	15923	5.00	4.15	
85 Tetrachloroethene	166	6.495	6.495	0.000	98	23580	5.00	5.32	
86 1,3-Dichloropropane	76	6.592	6.592	0.000	97	24704	5.00	4.99	
87 2-Hexanone	43	6.879	6.879	0.000	98	49071	25.0	22.4	
88 Chlorodibromomethane	129	6.946	6.946	0.000	96	16025	5.00	4.65	
89 Ethylene Dibromide	107	7.061	7.061	0.000	97	14675	5.00	4.94	
90 n-Butyl acetate	73	7.214	7.214	0.000	99	3772	5.00	5.11	
* 91 Chlorobenzene-d5	117	7.958	7.958	0.000	85	465792	50.0	50.0	
92 Chlorobenzene	112	8.006	8.006	0.000	97	51729	5.00	5.17	
93 1,1,1,2-Tetrachloroethane	131	8.226	8.226	0.000	94	18122	5.00	4.77	
94 Ethylbenzene	106	8.311	8.311	0.000	98	27947	5.00	5.09	
95 m-Xylene & p-Xylene	106	8.555	8.555	0.000	98	33080	5.00	5.04	
96 o-Xylene	106	9.281	9.281	0.000	94	31461	5.00	4.81	
97 Styrene	104	9.323	9.323	0.000	95	49798	5.00	4.59	
98 n-Butyl acrylate	73	9.512	9.512	0.000	97	9003	5.00	4.29	
99 Bromoform	173	9.573	9.573	0.000	94	11309	5.00	4.51	
101 Amyl acetate (mixed isomers)	43	9.982	9.982	0.000	94	20471	5.00	4.12	
102 Isopropylbenzene	105	10.018	10.018	0.000	96	87887	5.00	4.94	
$ 103 4-Bromofluorobenzene	174	10.225	10.225	0.000	94	208278	50.0	48.6	
104 Bromobenzene	156	10.396	10.396	0.000	95	23375	5.00	5.13	
105 1,2,3-Trichloropropane	110	10.616	10.616	0.000	87	6183	5.00	5.18	
106 1,1,2,2-Tetrachloroethane	83	10.628	10.628	0.000	95	21472	5.00	5.30	
107 trans-1,4-Dichloro-2-butene	53	10.731	10.731	0.000	82	4587	5.00	4.74	
108 N-Propylbenzene	120	10.756	10.756	0.000	99	25882	5.00	5.18	
109 2-Chlorotoluene	126	10.799	10.799	0.000	97	21952	5.00	4.98	
110 4-Ethyltoluene	105	10.975	10.975	0.000	99	85897	5.00	5.02	
111 4-Chlorotoluene	91	11.012	11.012	0.000	98	75671	5.00	5.13	
112 1,3,5-Trimethylbenzene	105	11.109	11.109	0.000	92	73603	5.00	4.94	
100 Butyl Methacrylate	87	11.475	11.475	0.000	98	15227	5.00	3.45	
113 tert-Butylbenzene	119	11.634	11.634	0.000	93	57211	5.00	4.75	
114 1,2,4-Trimethylbenzene	105	11.731	11.731	0.000	97	73637	5.00	4.84	
115 sec-Butylbenzene	105	12.048	12.048	0.000	99	96325	5.00	4.92	
116 1,3-Dichlorobenzene	146	12.128	12.128	0.000	97	47510	5.00	5.20	
* 117 1,4-Dichlorobenzene-d4	152	12.286	12.286	0.000	96	275701	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.323	12.323	0.000	95	48689	5.00	5.26	
119 4-Isopropyltoluene	119	12.402	12.402	0.000	98	85073	5.00	4.97	
120 1,2,3-Trimethylbenzene	105	12.512	12.512	0.000	99	76600	5.00	4.91	
121 Benzyl chloride	126	12.670	12.670	0.000	98	3671	5.00	3.04	
122 2,3-Dihydroindene	117	12.804	12.804	0.000	93	75374	5.00	4.74	
123 1,2-Dichlorobenzene	146	12.944	12.944	0.000	97	45221	5.00	5.10	
124 p-Diethylbenzene	119	13.042	13.042	0.000	94	45358	5.00	4.94	
125 n-Butylbenzene	92	13.066	13.066	0.000	98	49579	5.00	5.11	
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	90	4124	5.00	4.71	
127 1,2,4,5-Tetramethylbenzene	119	13.780	13.780	0.000	98	73854	5.00	4.64	
128 1,3,5-Trichlorobenzene	180	13.920	13.920	0.000	97	41620	5.00	5.23	
129 1,2,4-Trichlorobenzene	180	14.359	14.359	0.000	93	35334	5.00	4.87	
130 Hexachlorobutadiene	225	14.499	14.499	0.000	94	20840	5.00	5.10	
131 Naphthalene	128	14.505	14.505	0.000	99	62192	5.00	4.32	
132 1,2,3-Trichlorobenzene	180	14.664	14.664	0.000	96	34770	5.00	5.00	
S 133 1,2-Dichloroethene, Total	100				0		10.0	11.0	
S 134 1,3-Dichloropropene, Total	100				0		10.0	9.77	
S 135 Xylenes, Total	100				0		10.0	9.85	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		25.0	25.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00120	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00133	Amount Added:	0.50	Units: uL	
524freon_00034	Amount Added:	0.50	Units: uL	
GASES Li_00411	Amount Added:	0.50	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:00:53 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D

Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2 Operator ID:

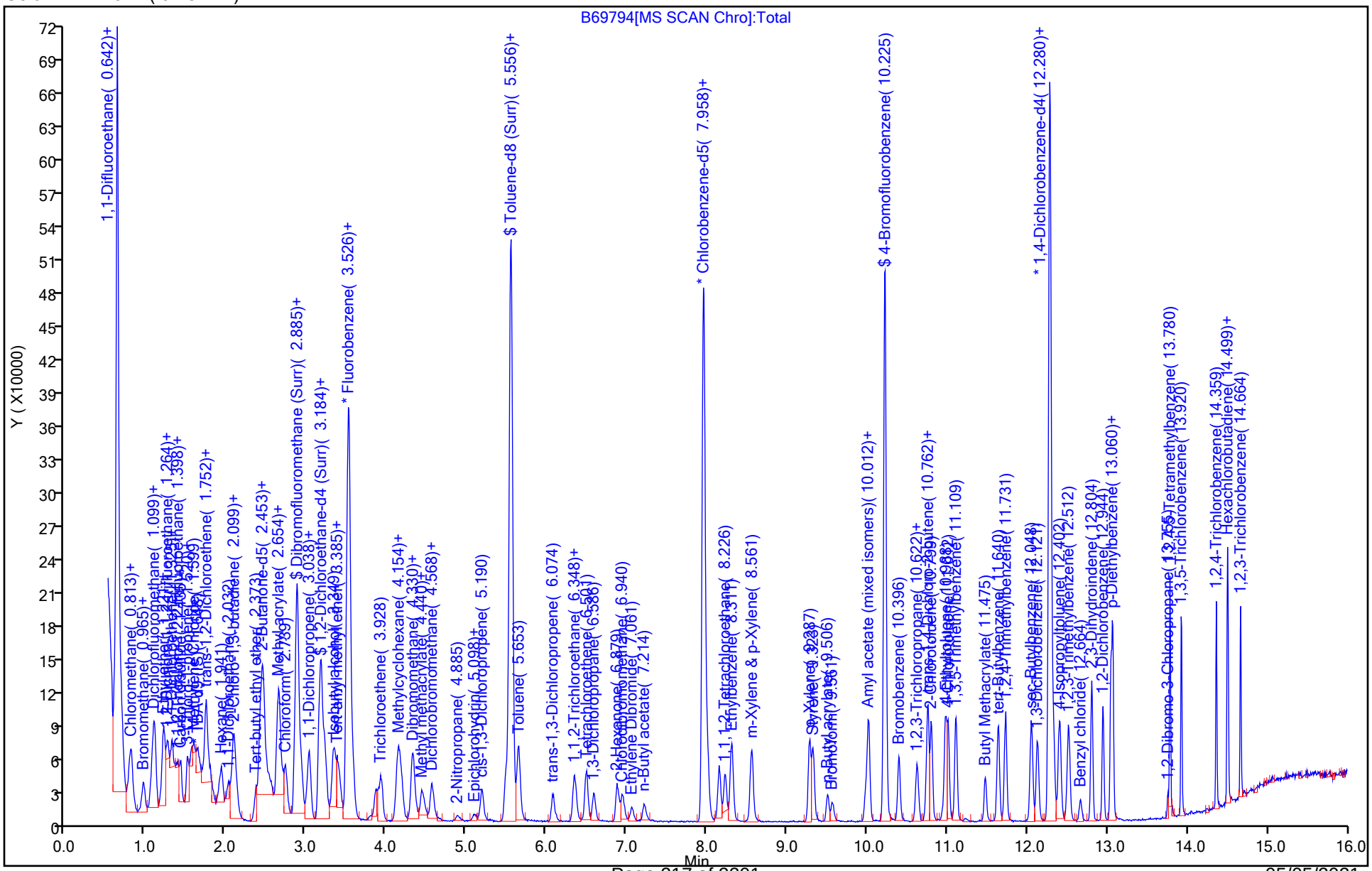
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

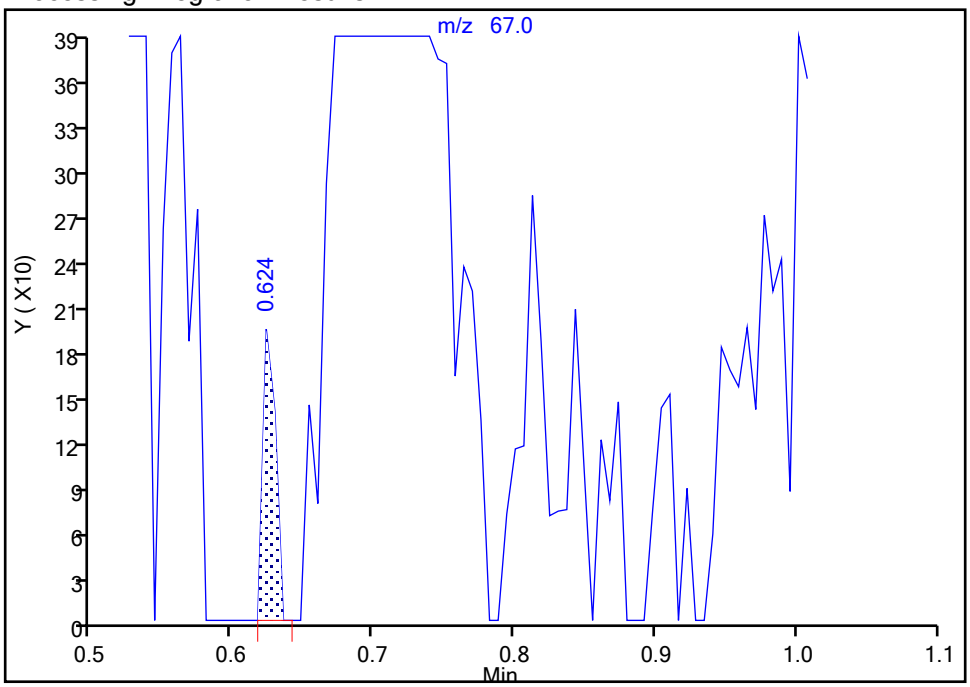
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

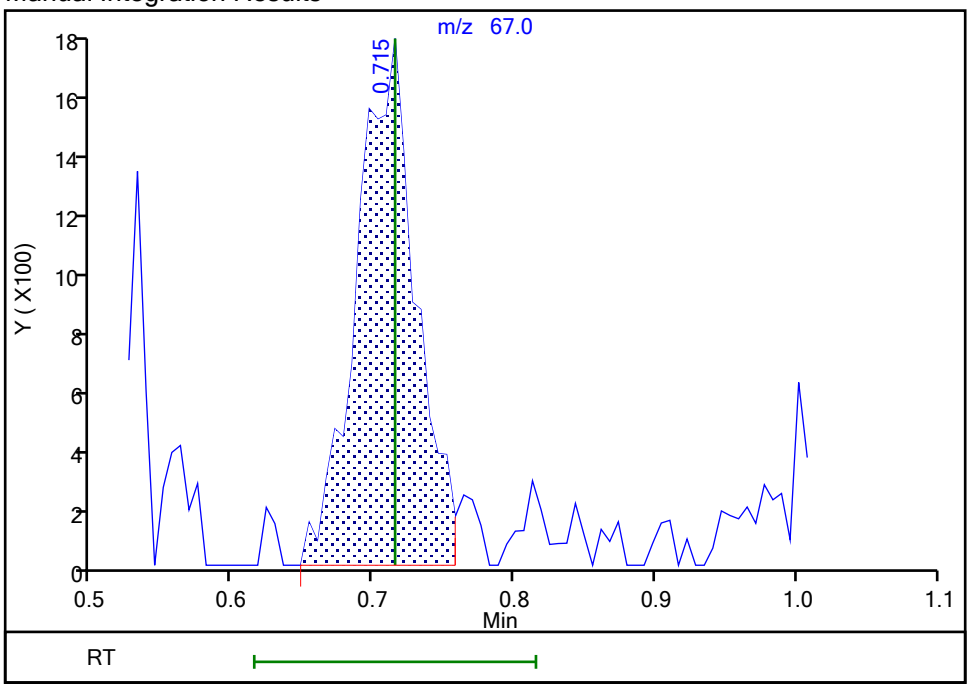
Processing Integration Results

RT: 0.62
Area: 121
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 0.72
Area: 5111
Amount: 5.123165
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:17:15
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

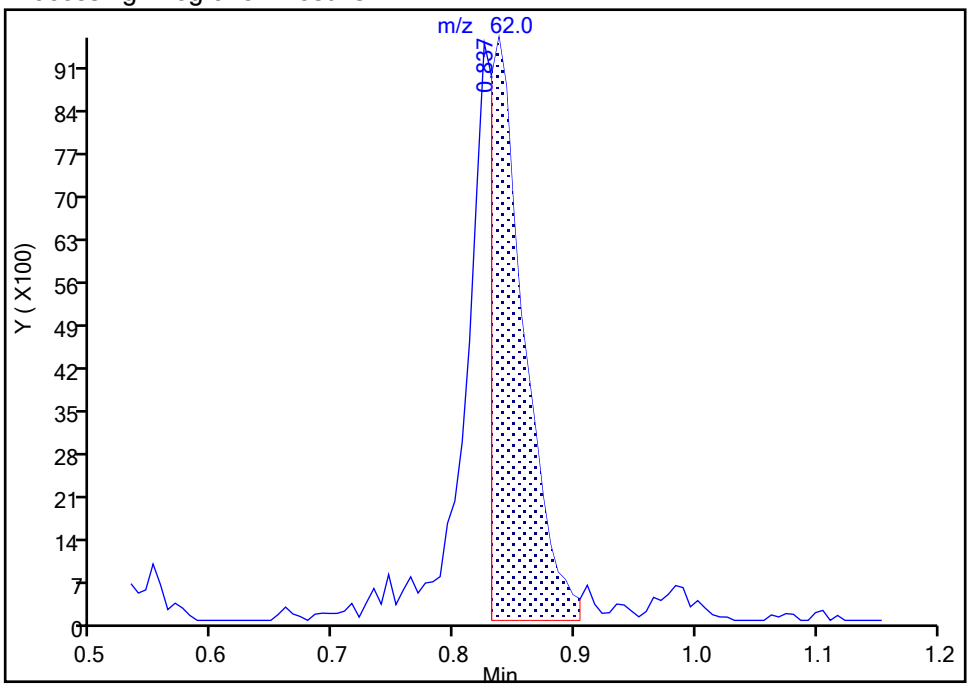
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

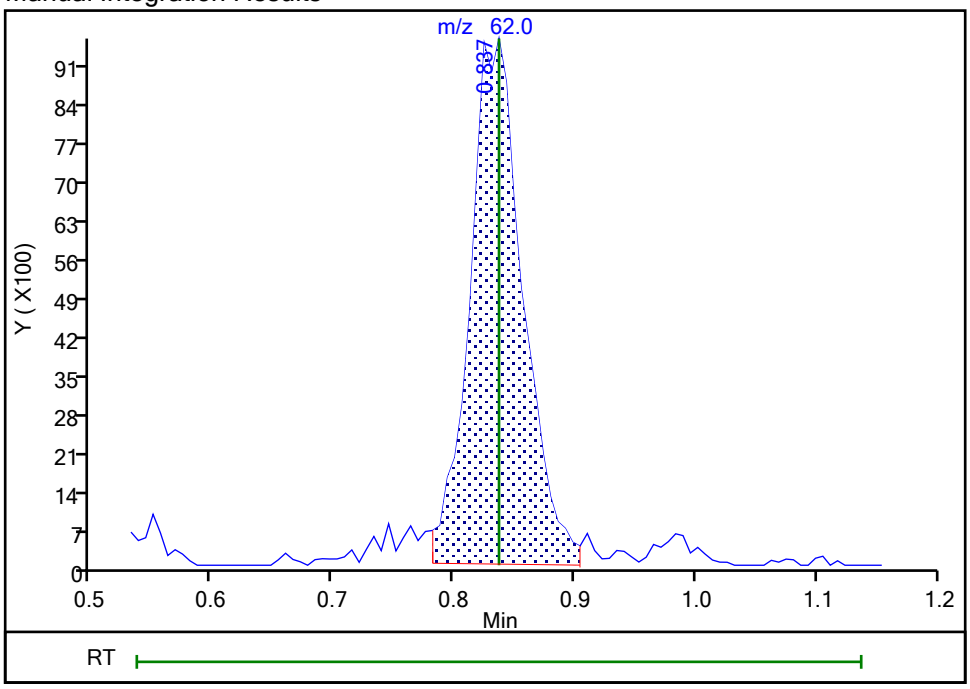
Processing Integration Results

RT: 0.84
Area: 18826
Amount: 5.012504
Amount Units: ug/l



Manual Integration Results

RT: 0.84
Area: 29239
Amount: 5.790686
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:17:41
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

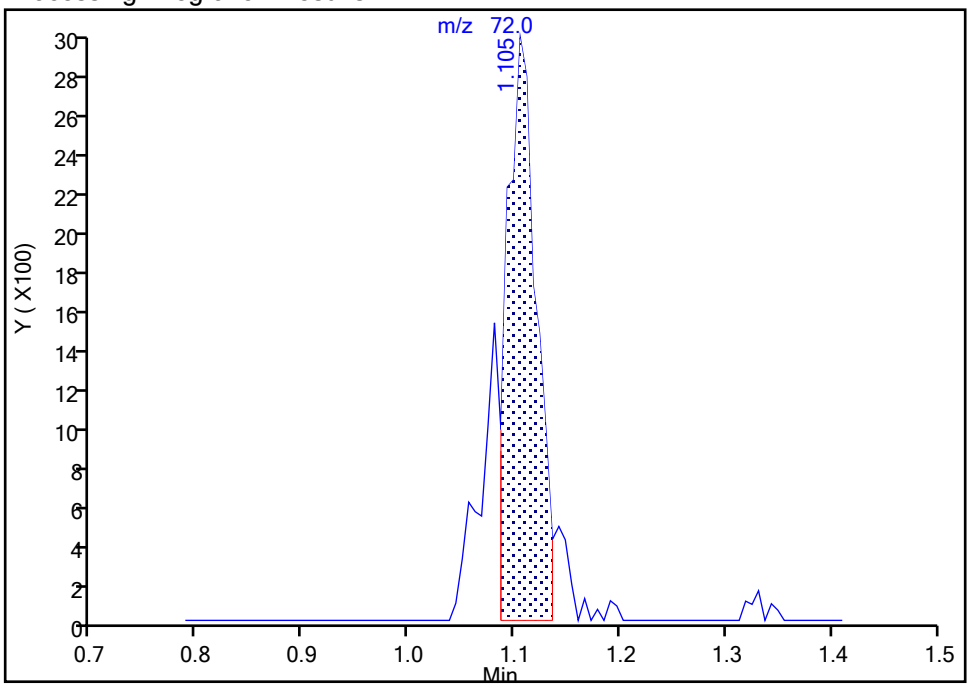
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Pentane, CAS: 109-66-0

Signal: 1

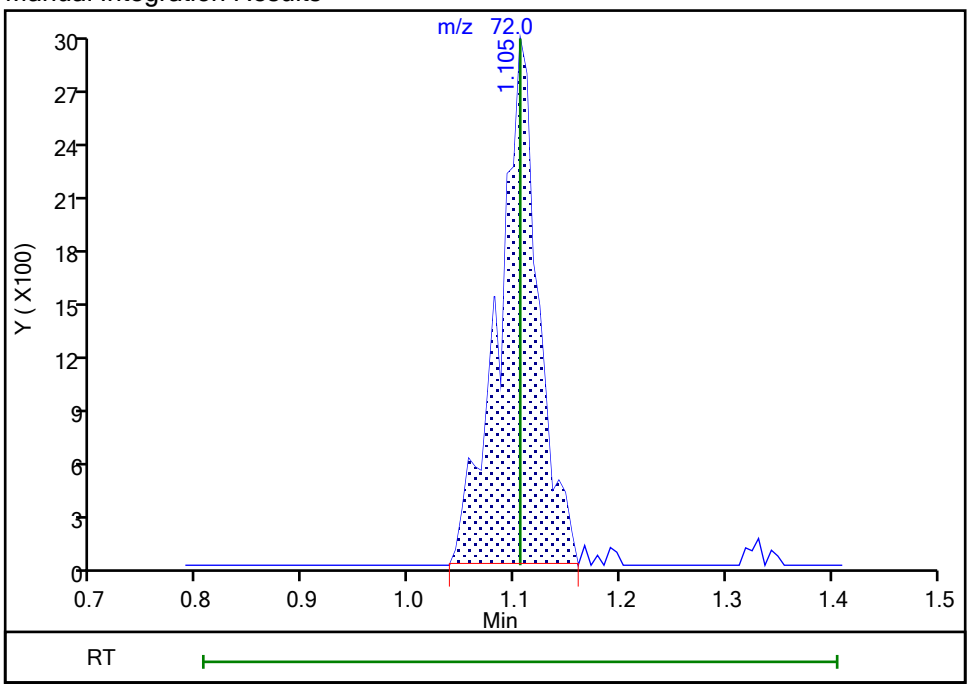
Processing Integration Results

RT: 1.11
Area: 5637
Amount: 10.313331
Amount Units: ug/l



Manual Integration Results

RT: 1.11
Area: 7591
Amount: 12.699132
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:17:57
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

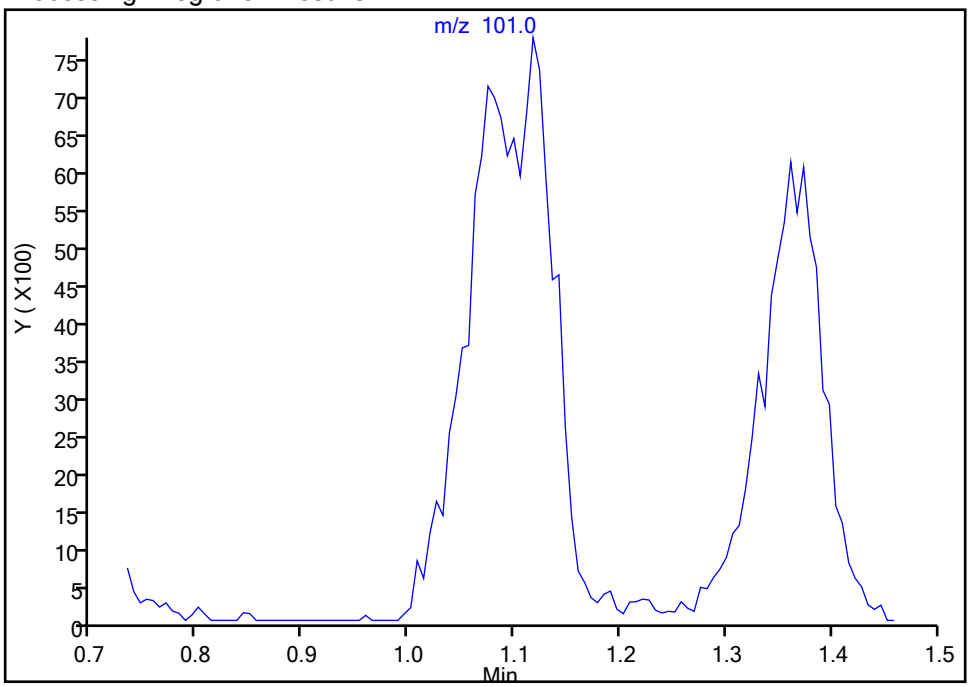
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

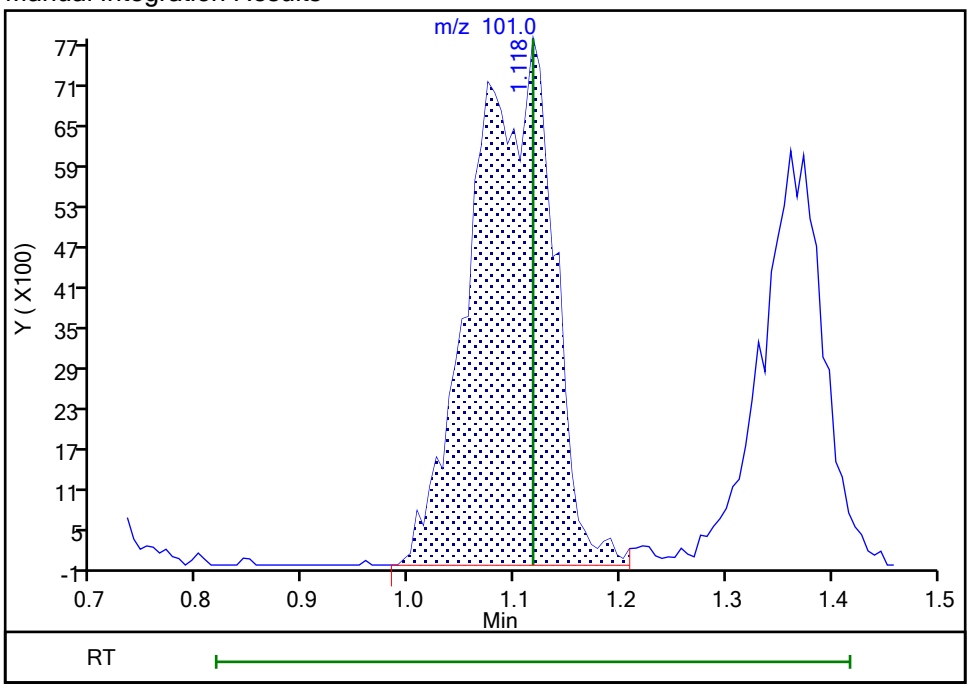
Not Detected
Expected RT: 1.12

Processing Integration Results



Manual Integration Results

RT: 1.12
Area: 41431
Amount: 5.934640
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:18:55
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

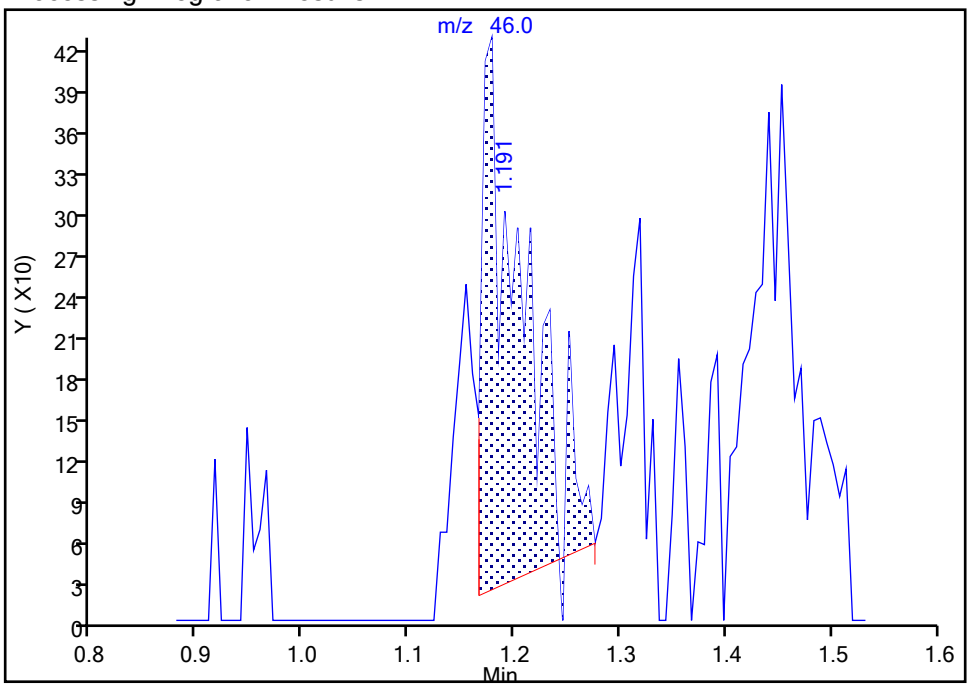
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

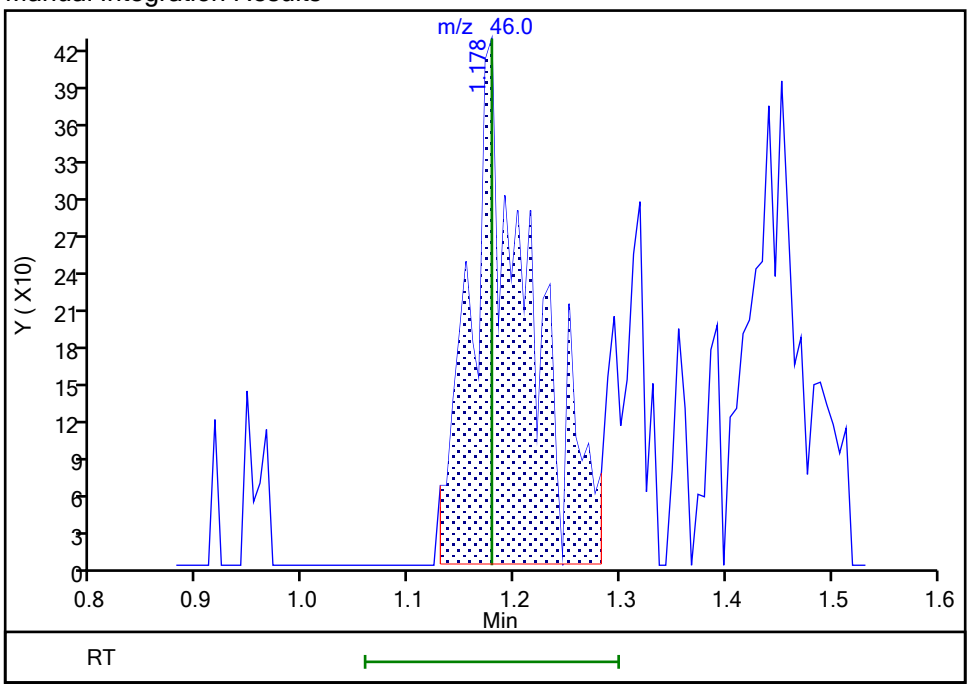
Processing Integration Results

RT: 1.19
Area: 1066
Amount: 60.798148
Amount Units: ug/l



Manual Integration Results

RT: 1.18
Area: 1659
Amount: 291.3582
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:18:07
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

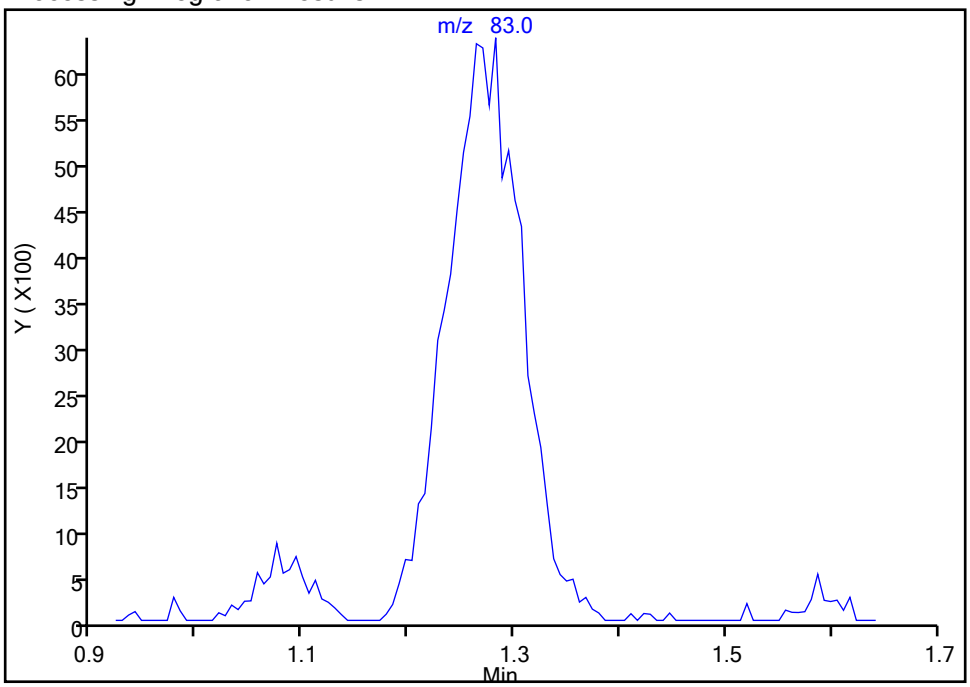
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

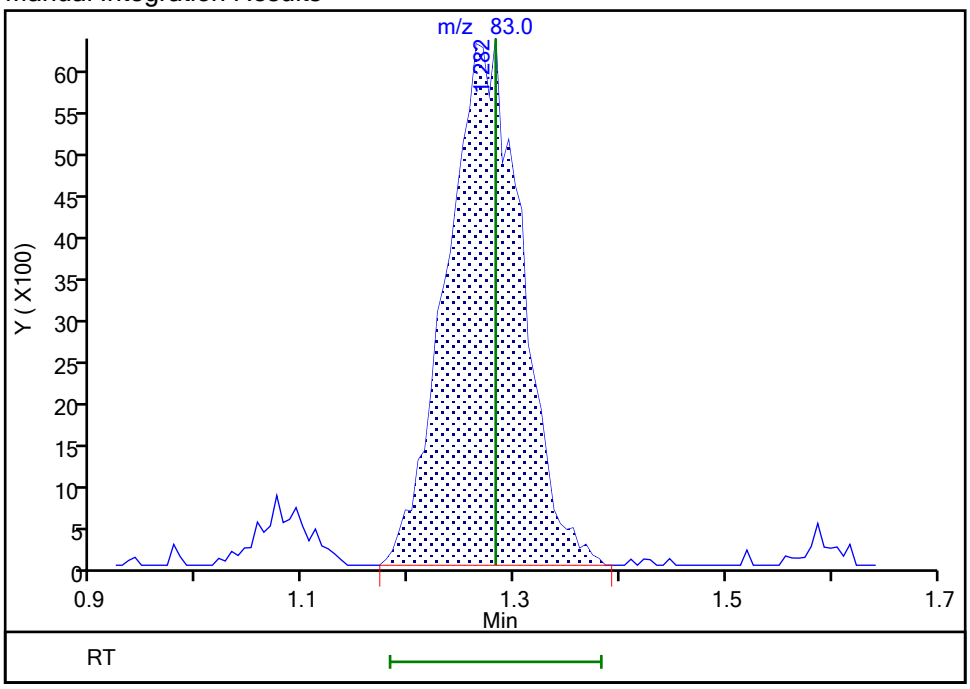
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 31570
Amount: 5.456387
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:18:19
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

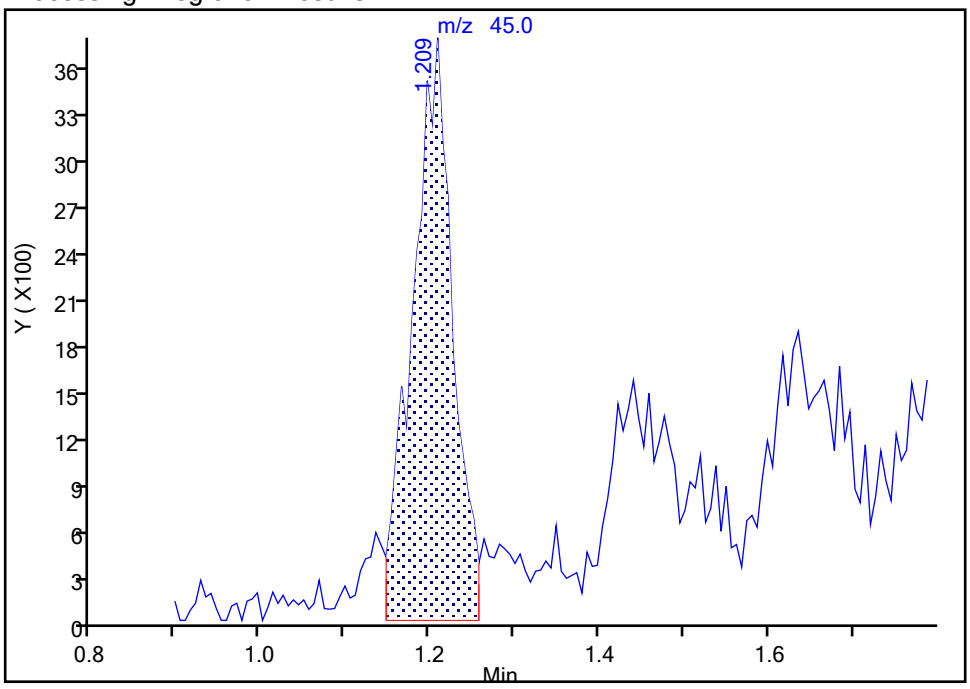
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

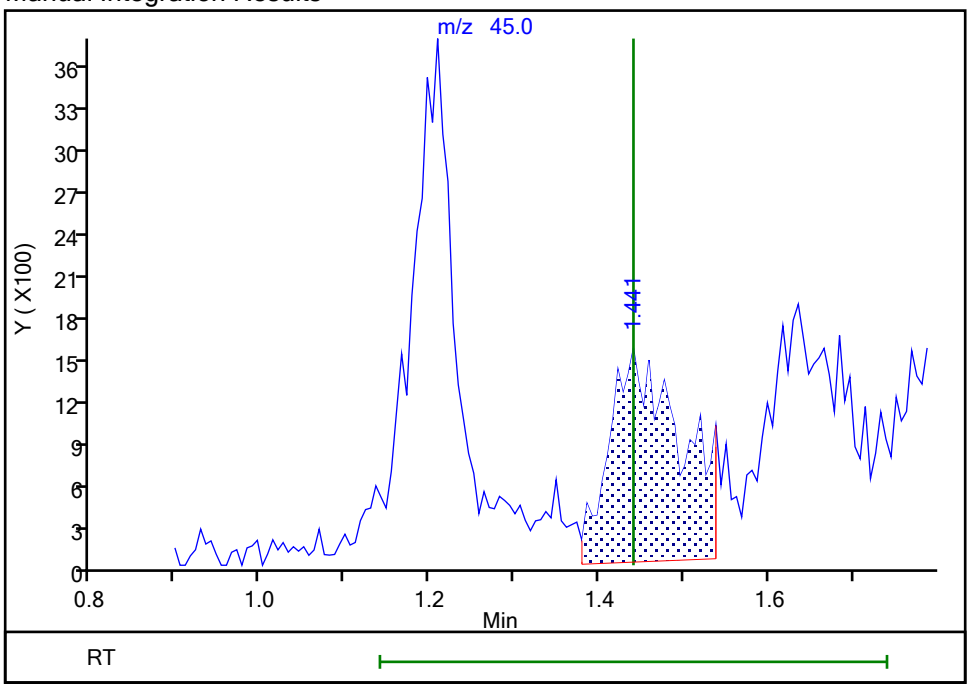
Processing Integration Results

RT: 1.21
Area: 12217
Amount: 47.409235
Amount Units: ug/l



Manual Integration Results

RT: 1.44
Area: 8855
Amount: 53.483848
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:19:13
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

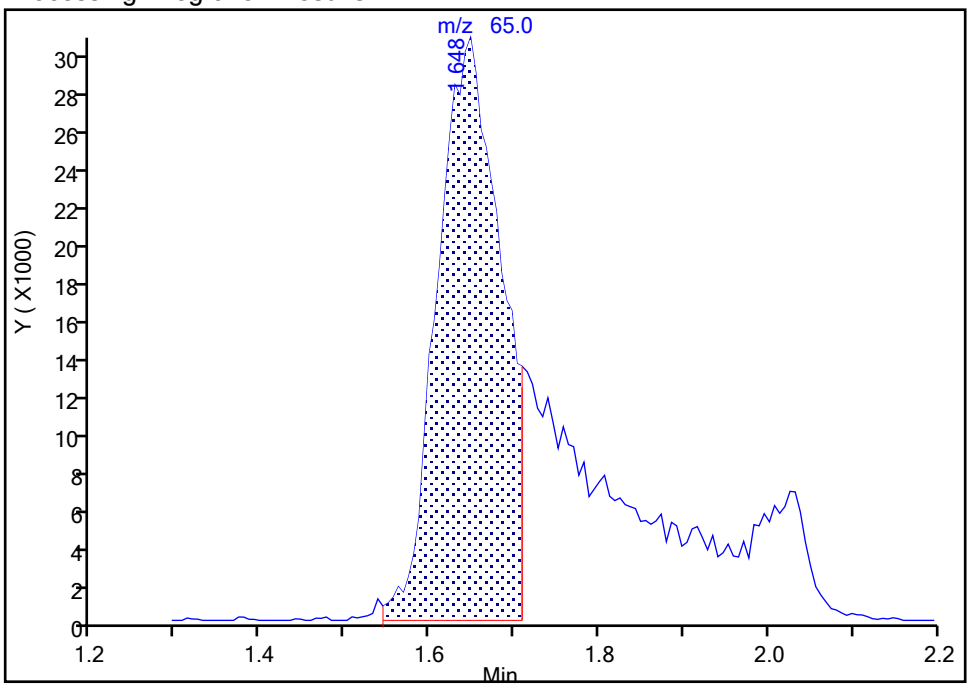
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

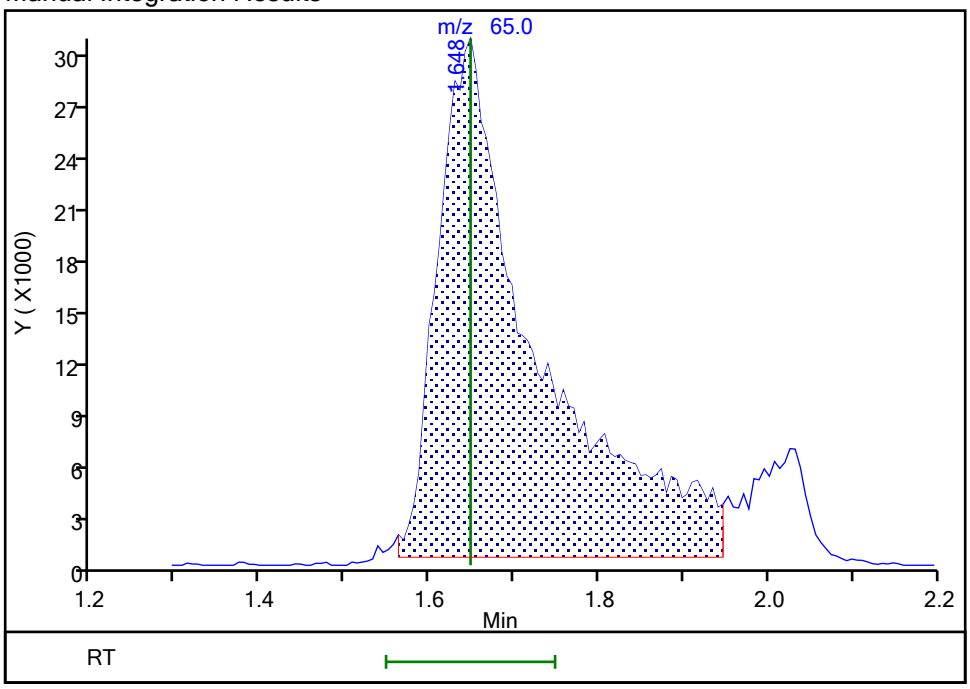
Processing Integration Results

RT: 1.65
Area: 162356
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 248275
Amount: 1000.0000
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:46:34
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

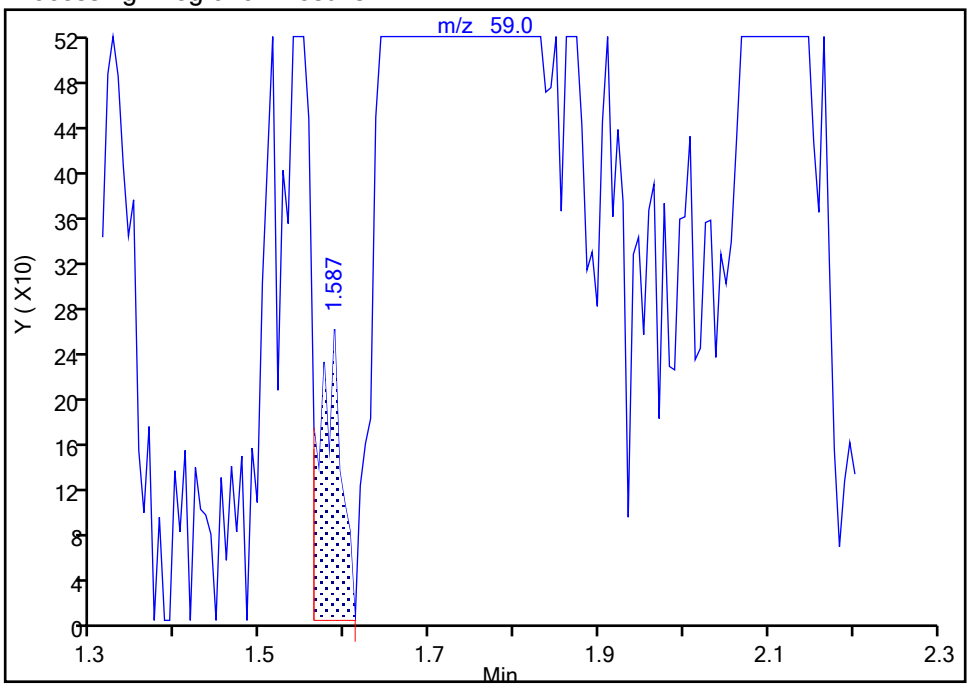
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

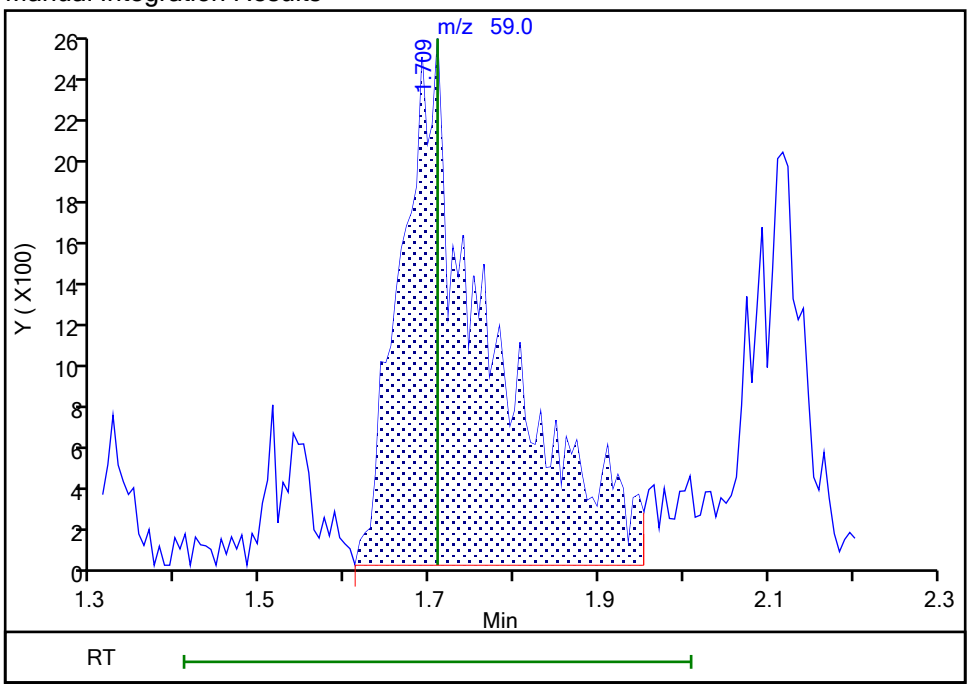
Processing Integration Results

RT: 1.59
Area: 454
Amount: 48.241985
Amount Units: ug/l



Manual Integration Results

RT: 1.71
Area: 18540
Amount: 60.399969
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:19:31
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

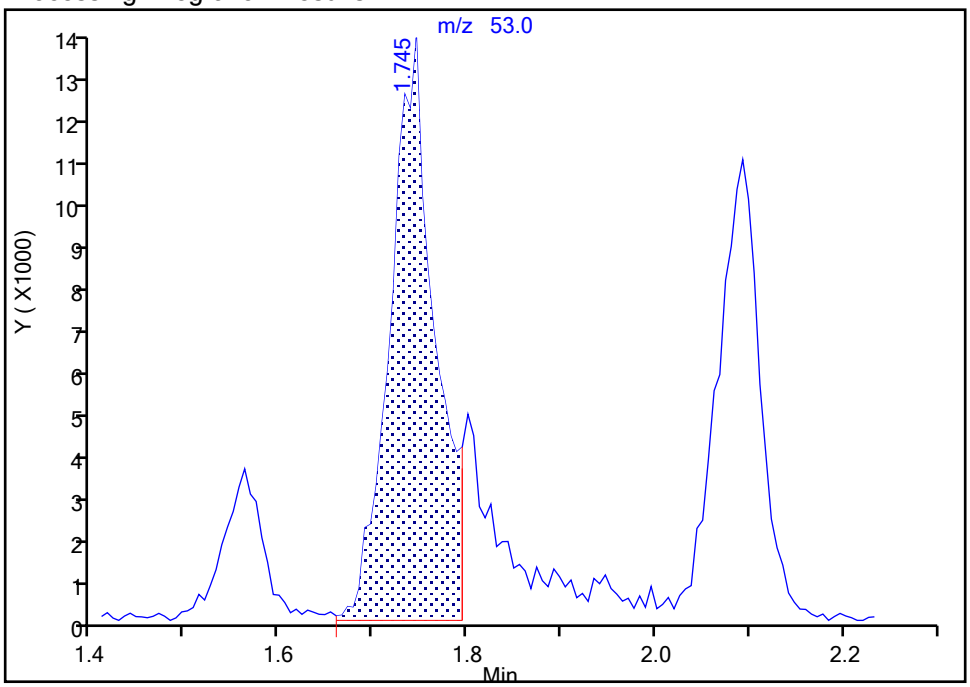
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

31 Acrylonitrile, CAS: 107-13-1

Signal: 1

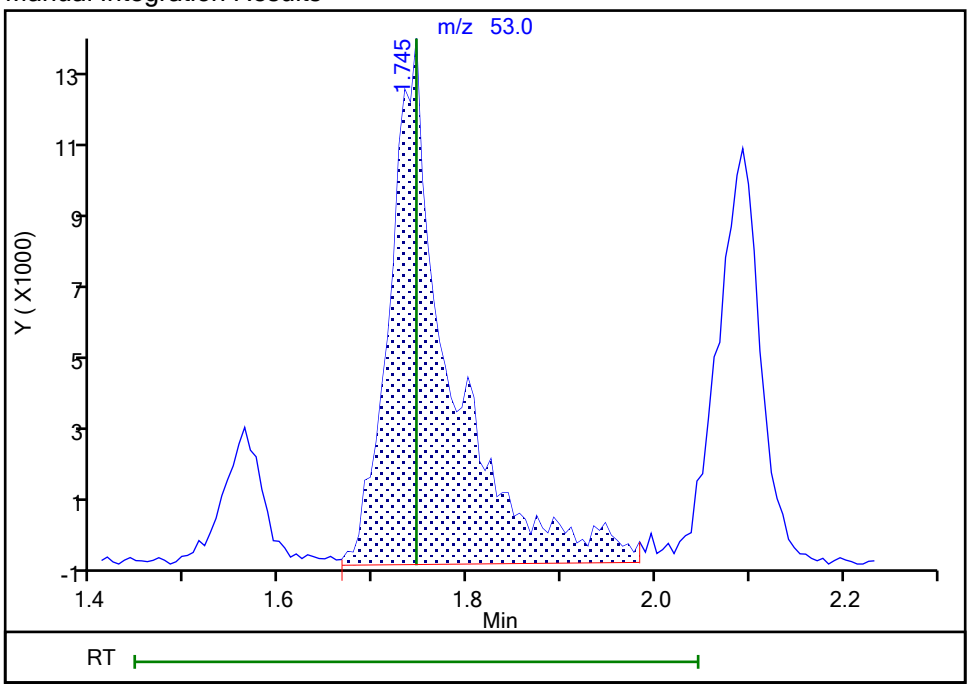
Processing Integration Results

RT: 1.75
Area: 44397
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.75
Area: 59032
Amount: 54.651091
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:19:56
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

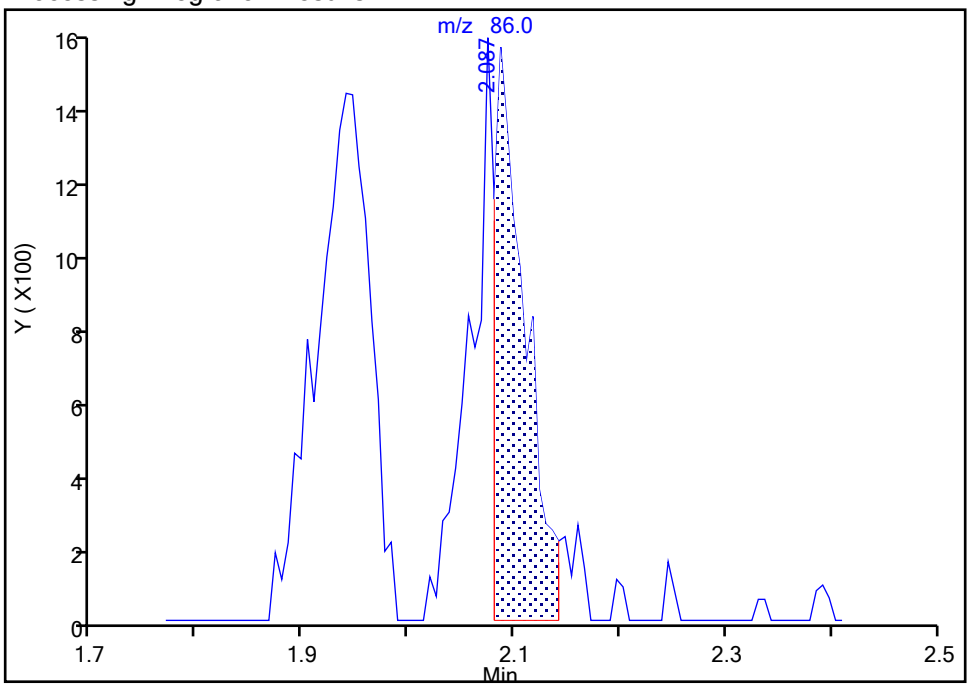
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

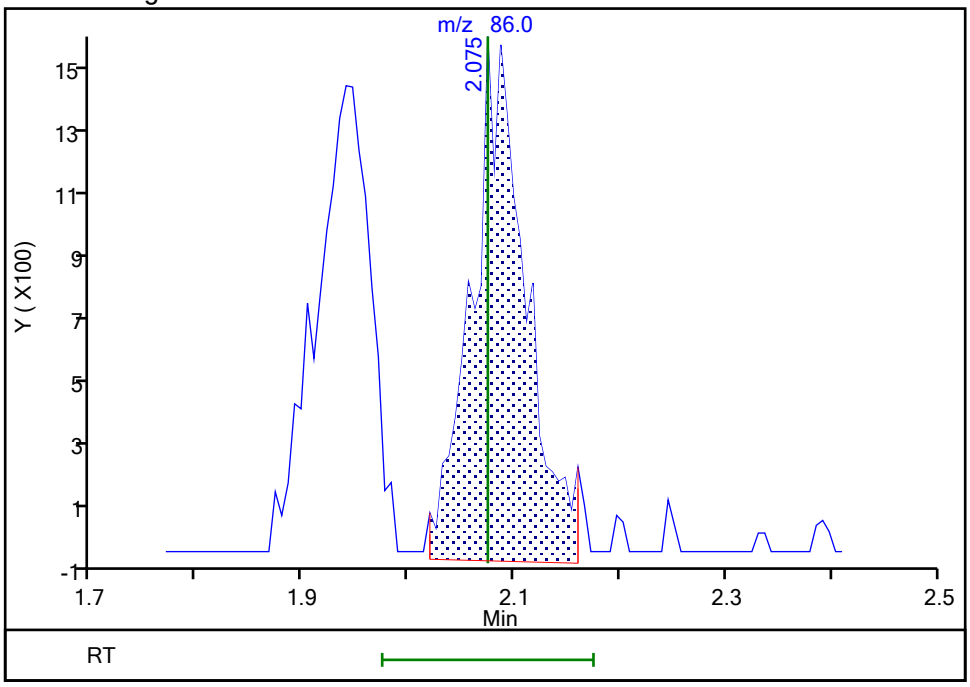
Processing Integration Results

RT: 2.09
Area: 3115
Amount: 9.701404
Amount Units: ug/l



Manual Integration Results

RT: 2.07
Area: 5637
Amount: 10.333629
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:20:13
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

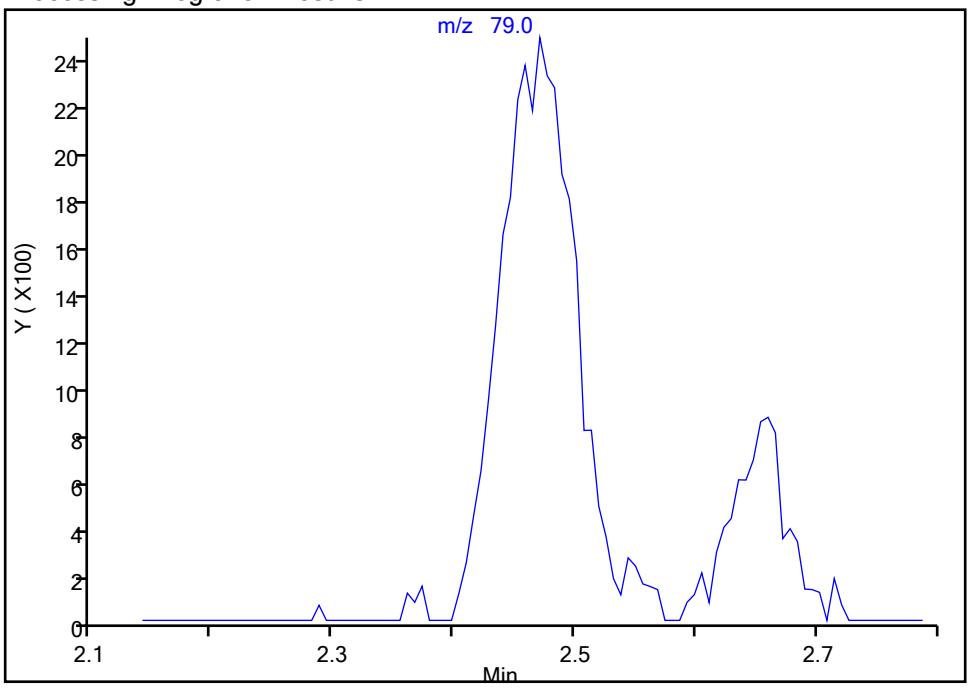
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

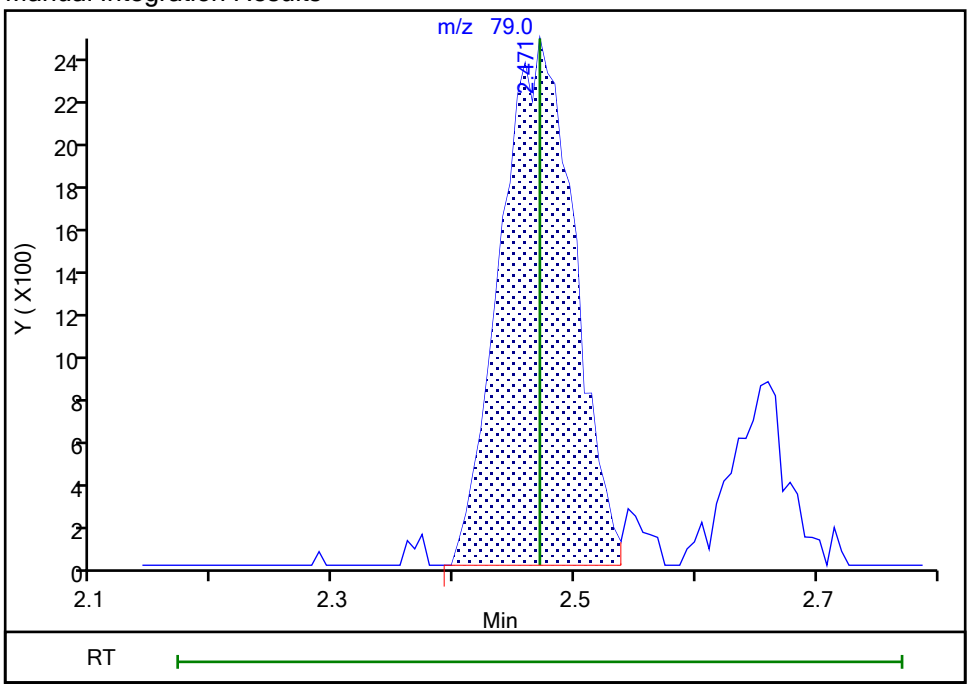
Not Detected
Expected RT: 2.47

Processing Integration Results



Manual Integration Results

RT: 2.47
Area: 10552
Amount: 5.528433
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:20:24
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

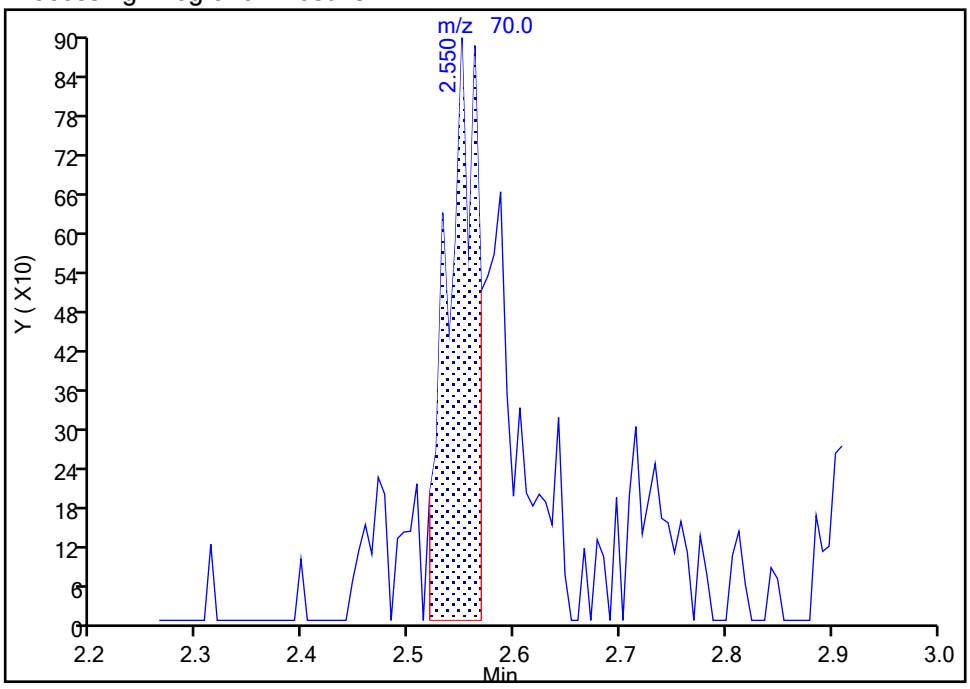
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

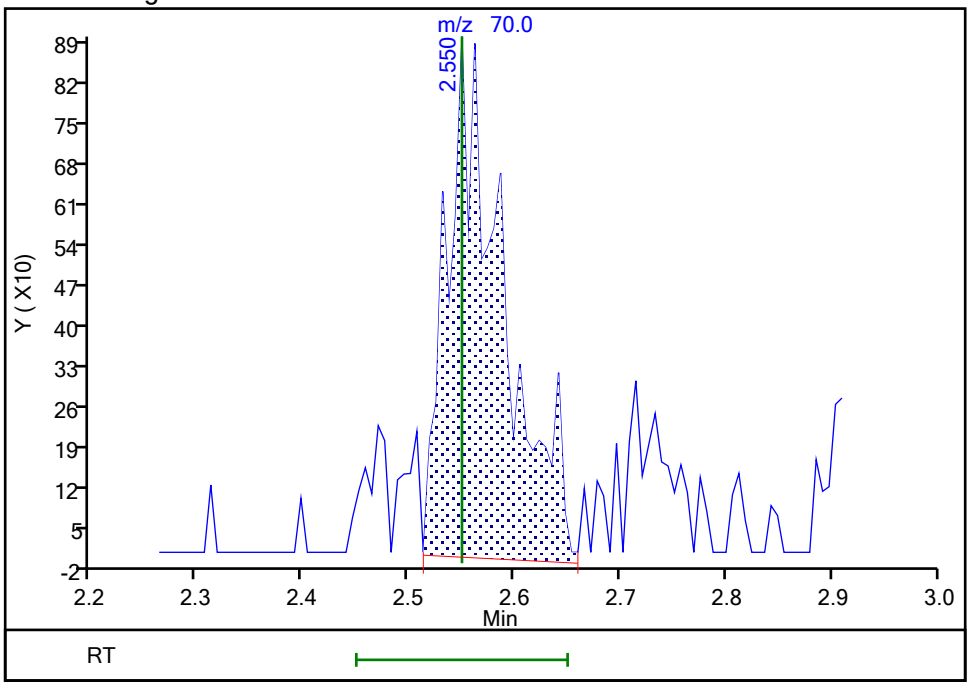
Processing Integration Results

RT: 2.55
Area: 1801
Amount: 8.375740
Amount Units: ug/l



Manual Integration Results

RT: 2.55
Area: 3335
Amount: 12.129634
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:20:53
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

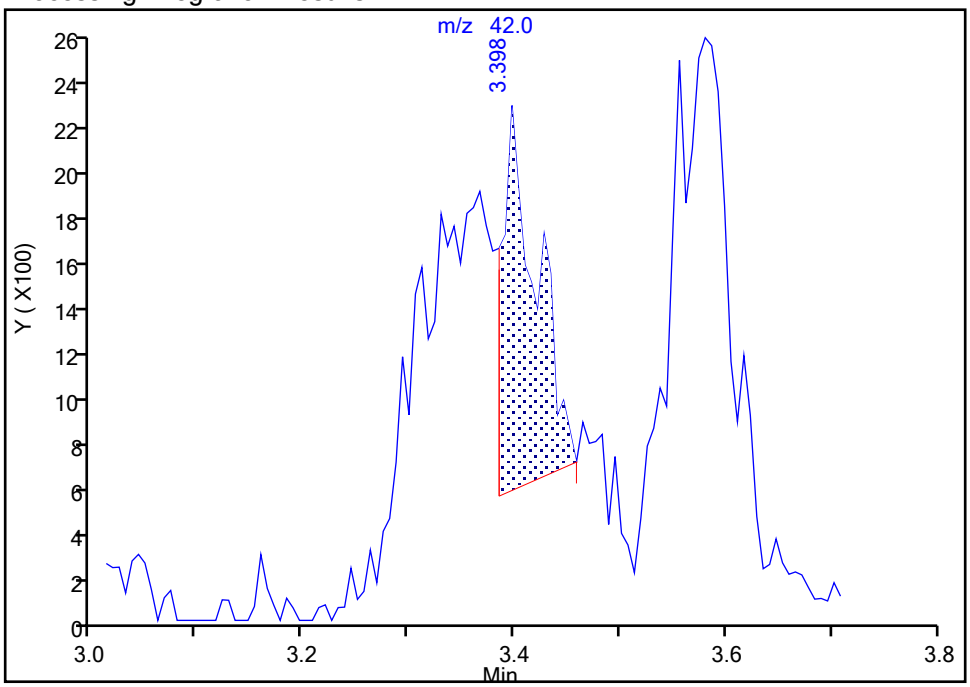
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

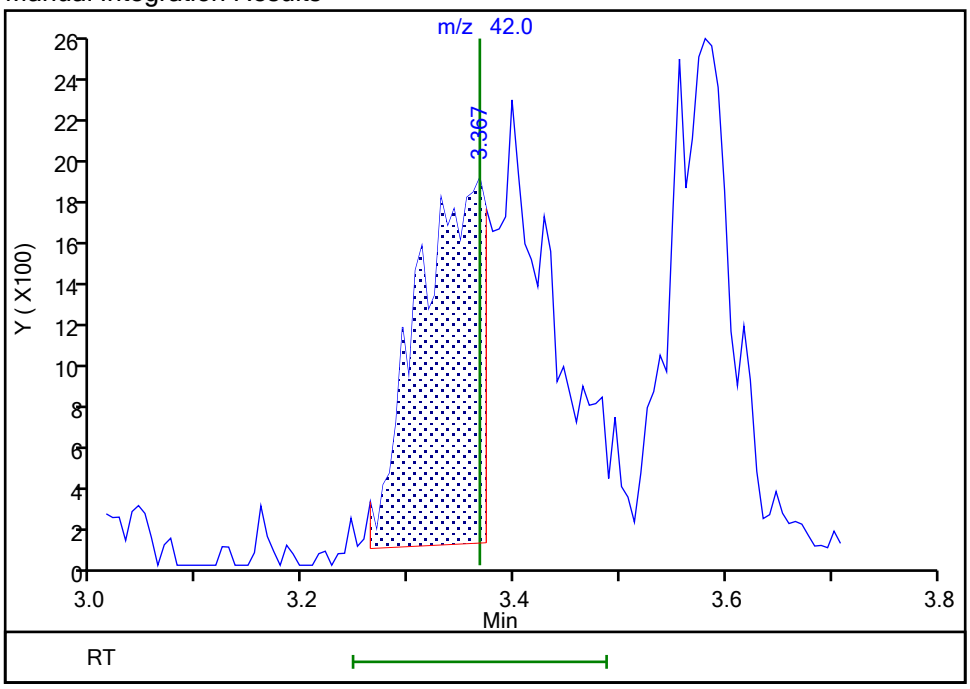
Processing Integration Results

RT: 3.40
Area: 3803
Amount: 121.0296
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 7925
Amount: 125.8943
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:21:21
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

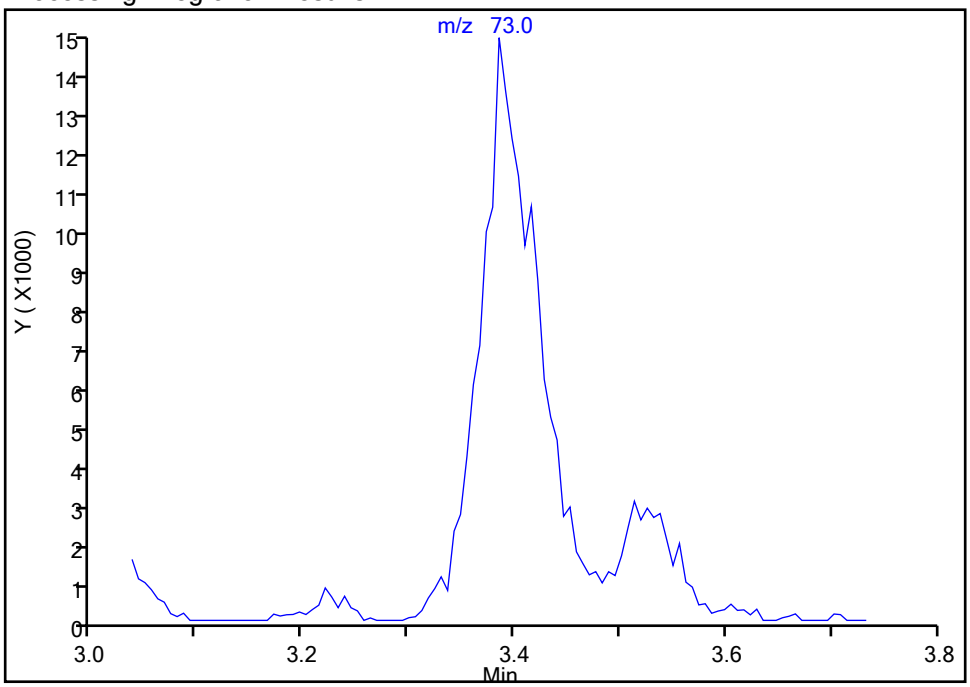
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

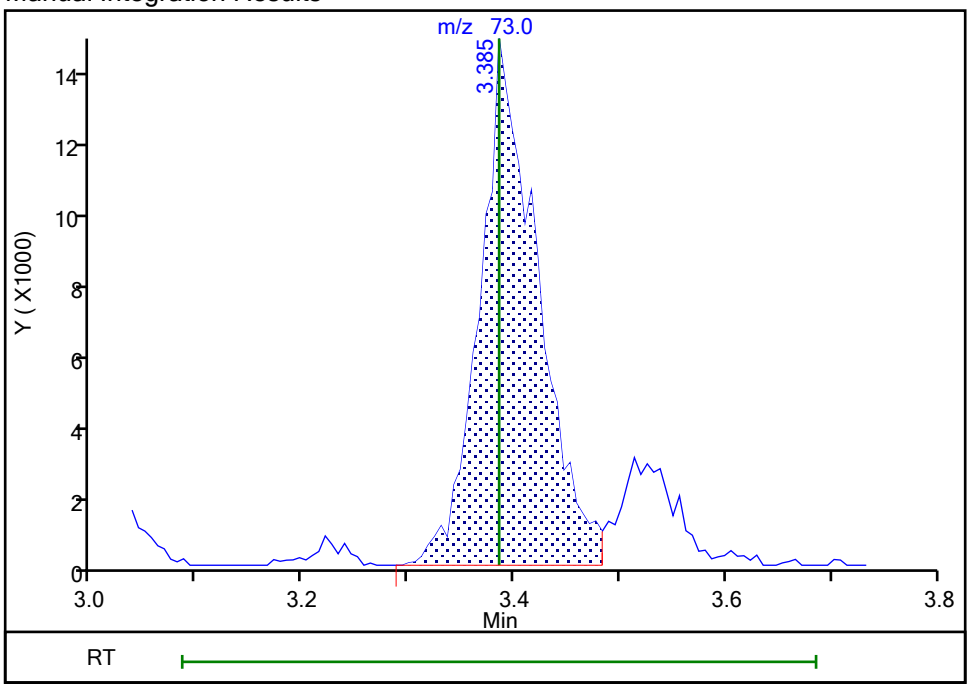
Not Detected
Expected RT: 3.39

Processing Integration Results



Manual Integration Results

RT: 3.39
Area: 53501
Amount: 4.679111
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:21:28
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

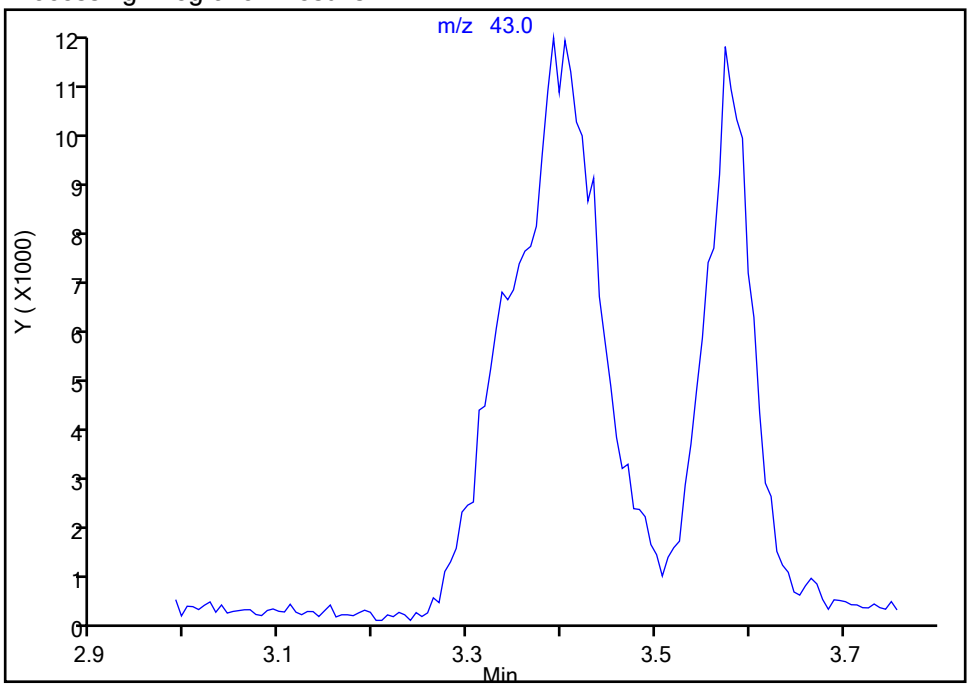
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

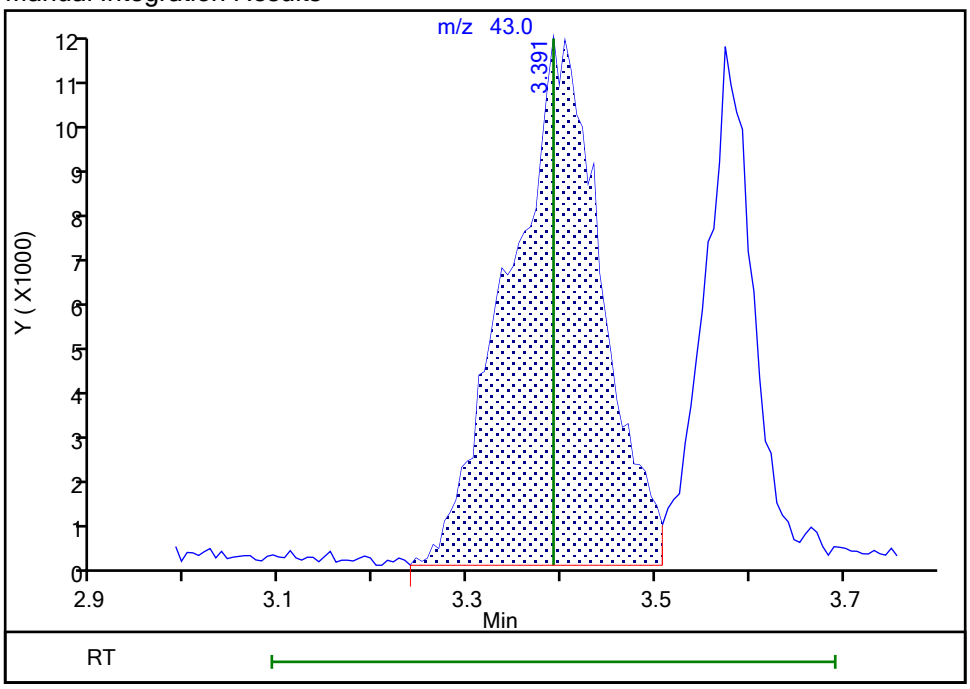
Not Detected
Expected RT: 3.39

Processing Integration Results



Manual Integration Results

RT: 3.39
Area: 76665
Amount: 5.300136
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:21:35
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

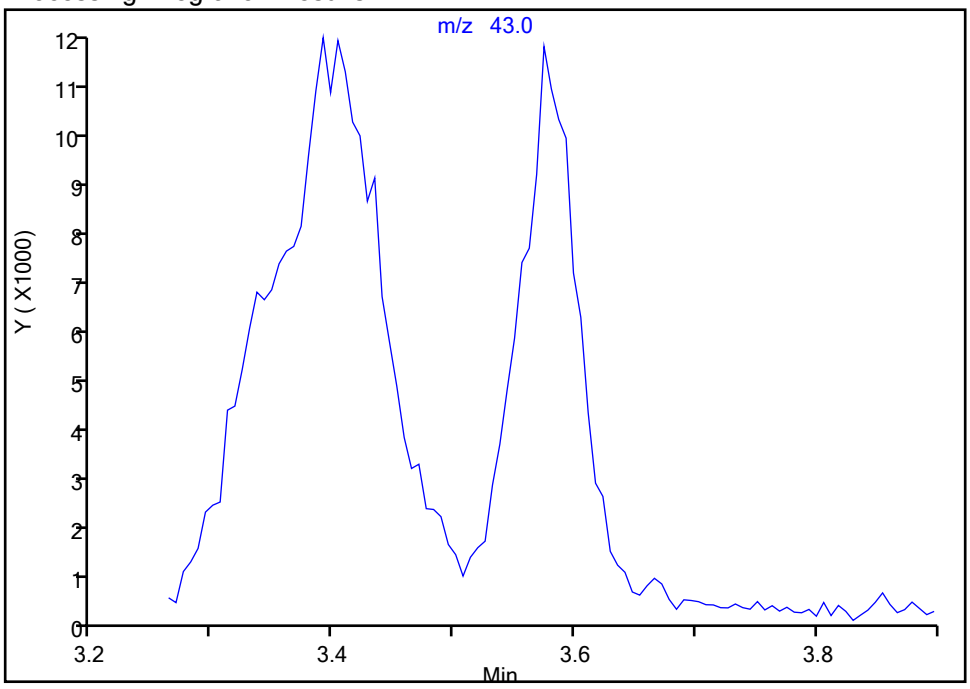
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 n-Heptane, CAS: 142-82-5

Signal: 1

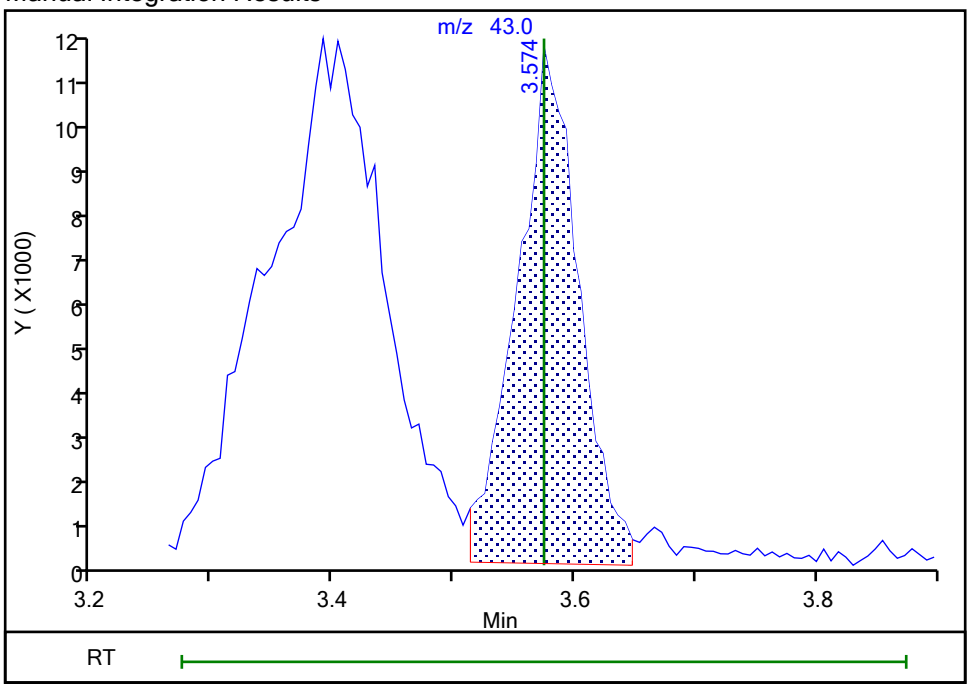
Not Detected
Expected RT: 3.57

Processing Integration Results



Manual Integration Results

RT: 3.57
Area: 39142
Amount: 5.649666
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:21:53
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

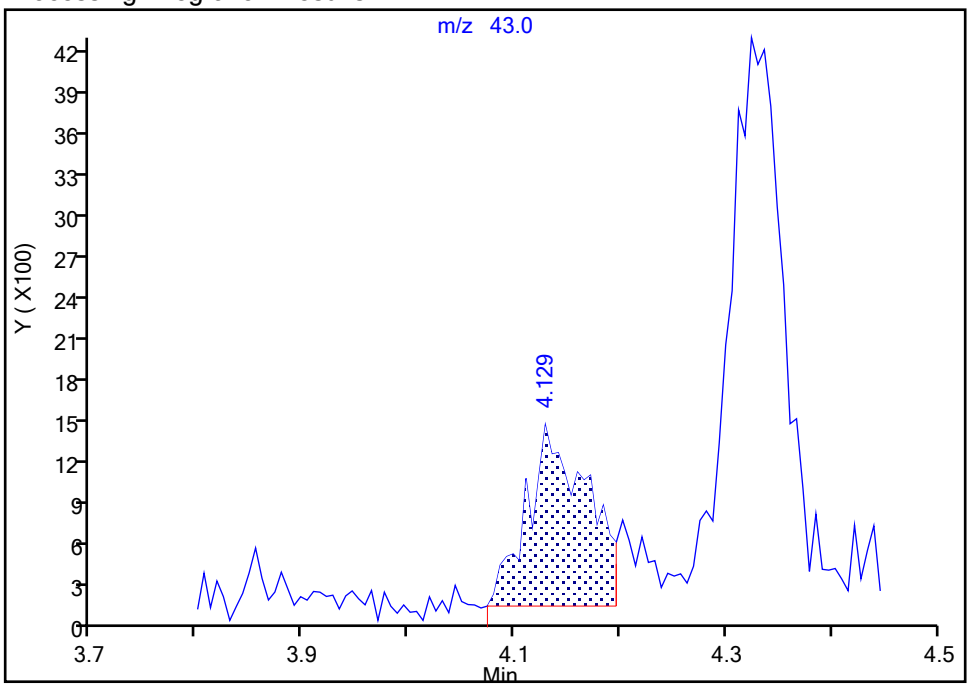
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

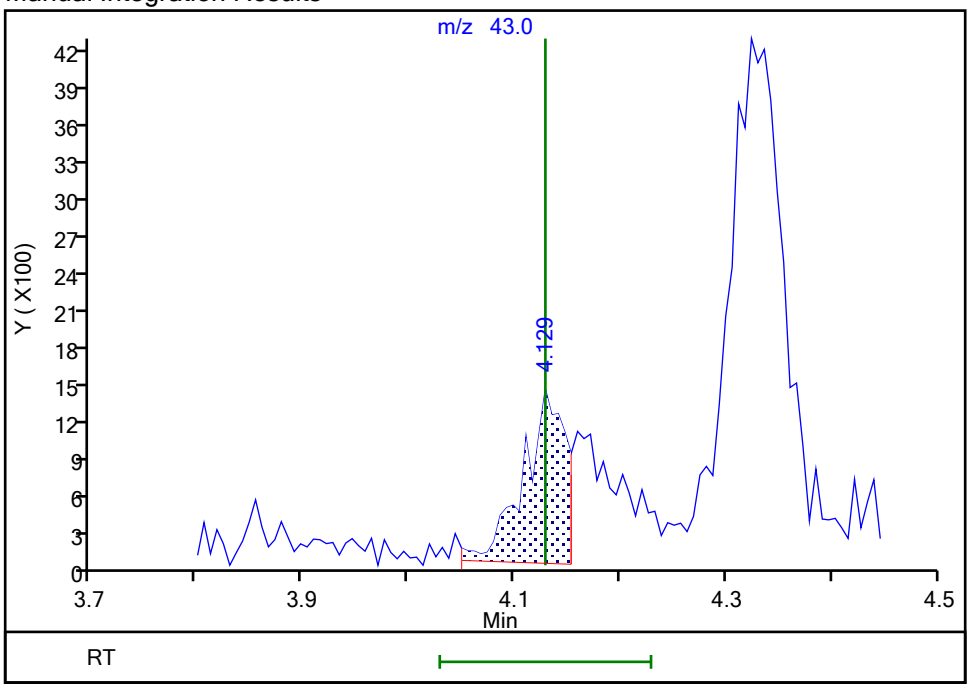
Processing Integration Results

RT: 4.13
Area: 5221
Amount: 155.0529
Amount Units: ug/l



Manual Integration Results

RT: 4.13
Area: 3892
Amount: 202.2412
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 13:22:50
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

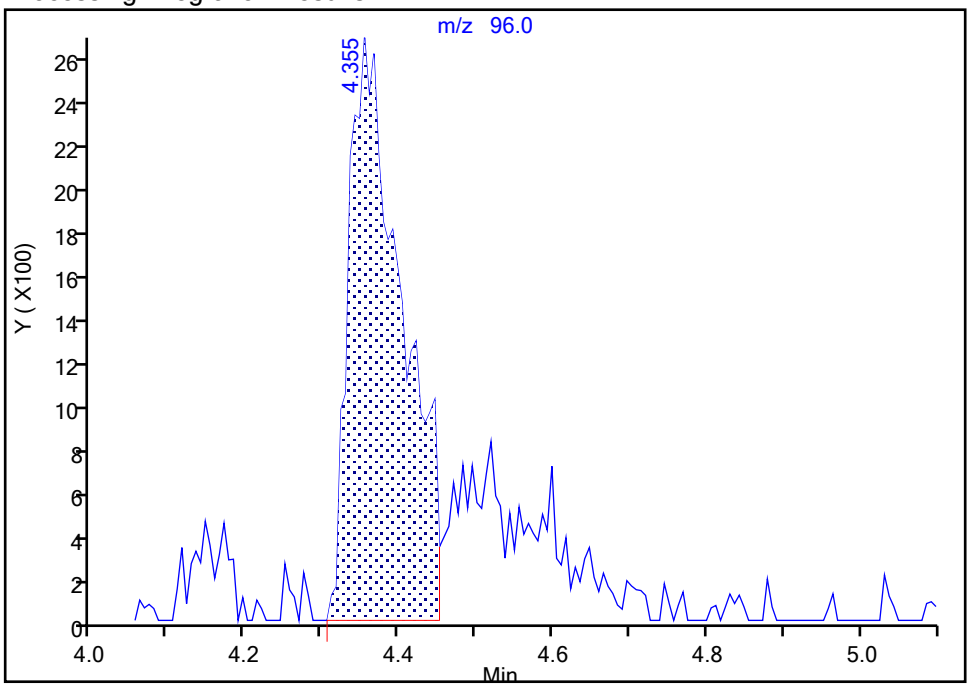
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

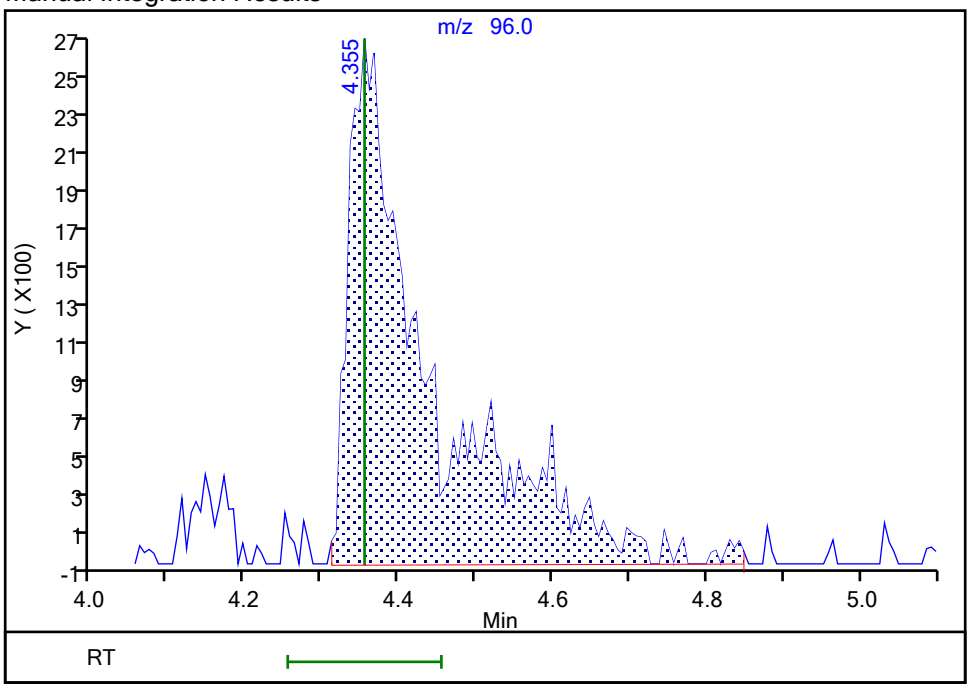
Processing Integration Results

RT: 4.35
Area: 12749
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.35
Area: 19113
Amount: 1000.0000
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:39:06
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

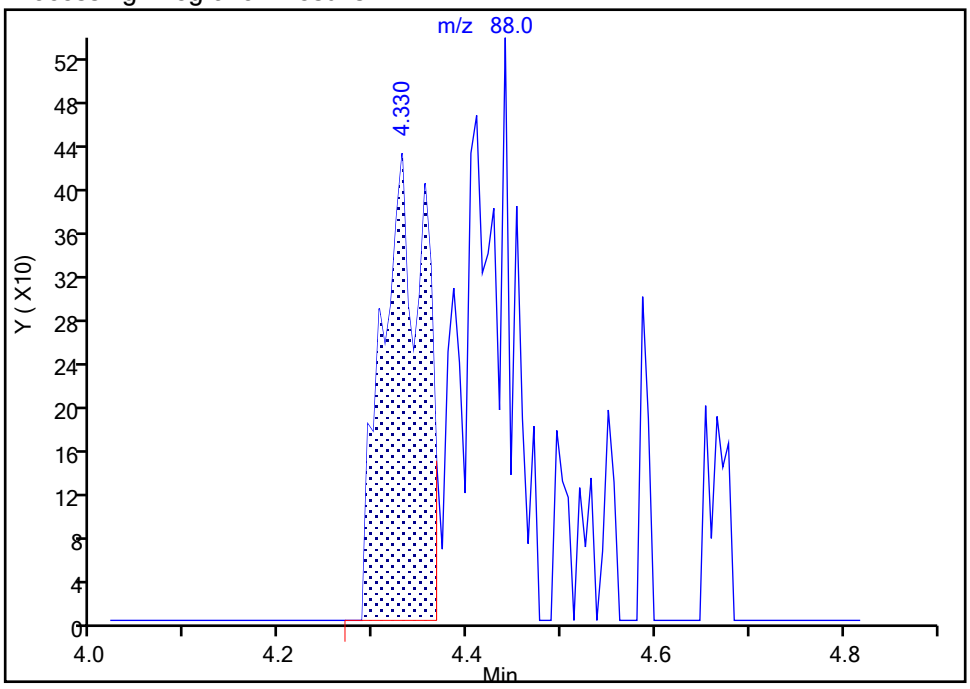
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

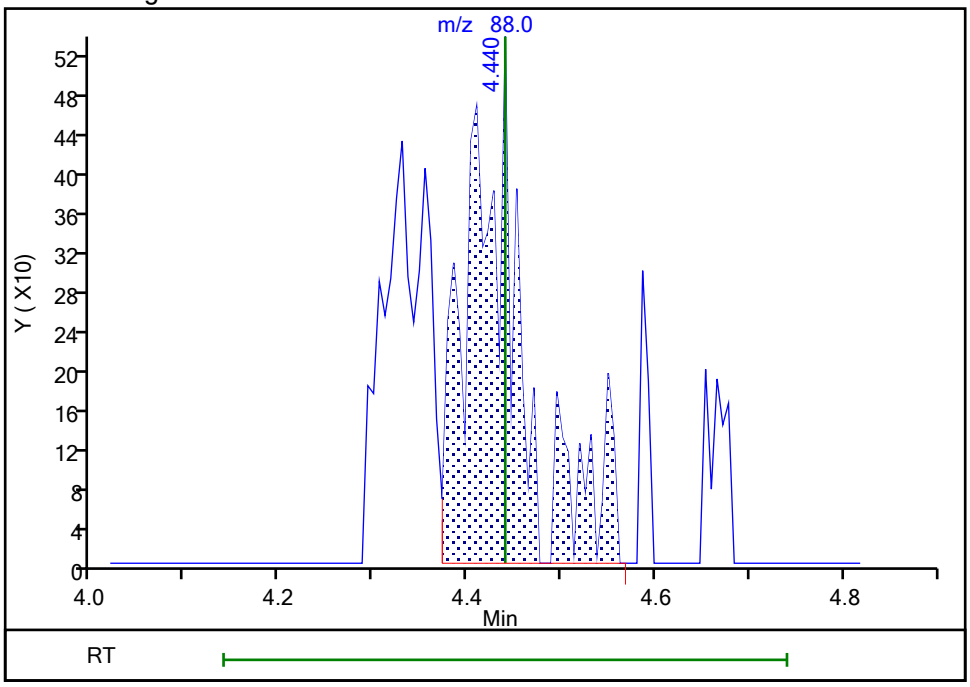
Processing Integration Results

RT: 4.33
Area: 1362
Amount: 96.908660
Amount Units: ug/l



Manual Integration Results

RT: 4.44
Area: 2102
Amount: 94.484470
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:22:31
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

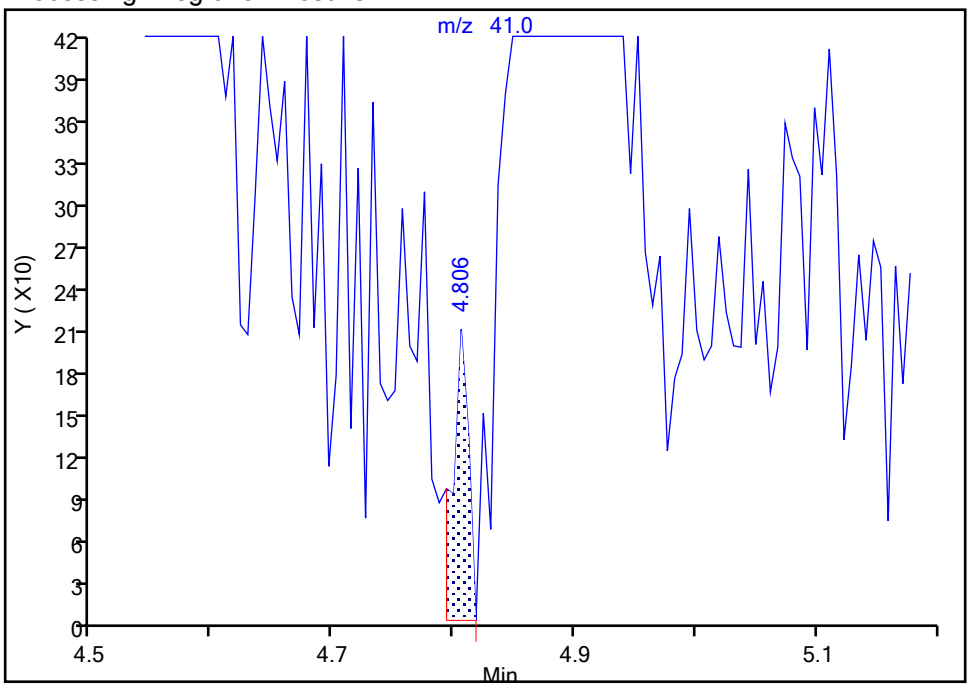
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 2-Nitropropane, CAS: 79-46-9

Signal: 1

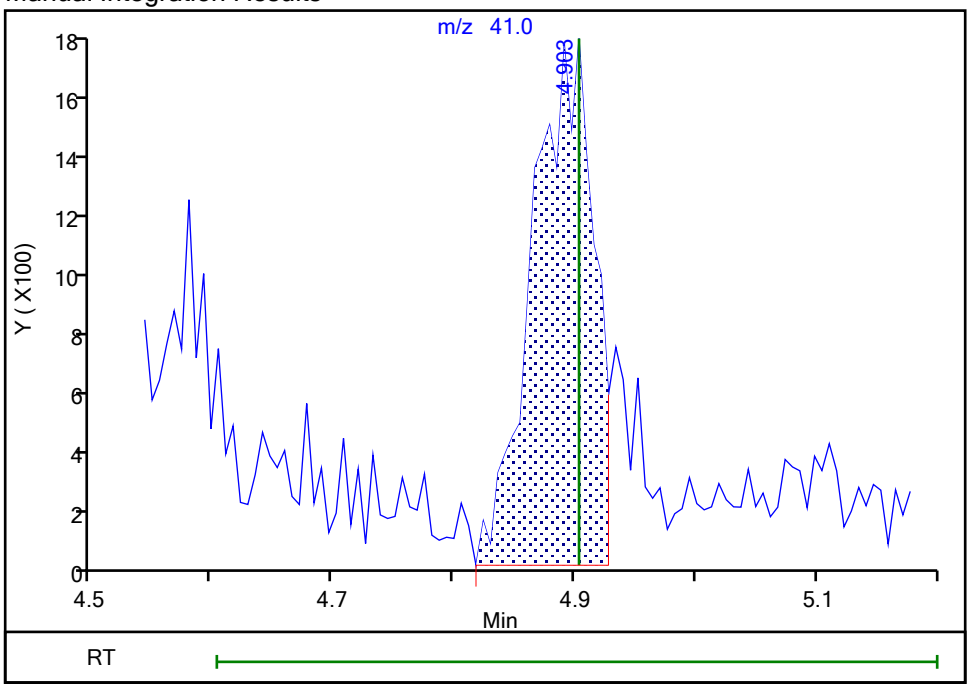
Processing Integration Results

RT: 4.81
Area: 192
Amount: 0.420011
Amount Units: ug/l



Manual Integration Results

RT: 4.90
Area: 6290
Amount: 8.887346
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:22:44
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

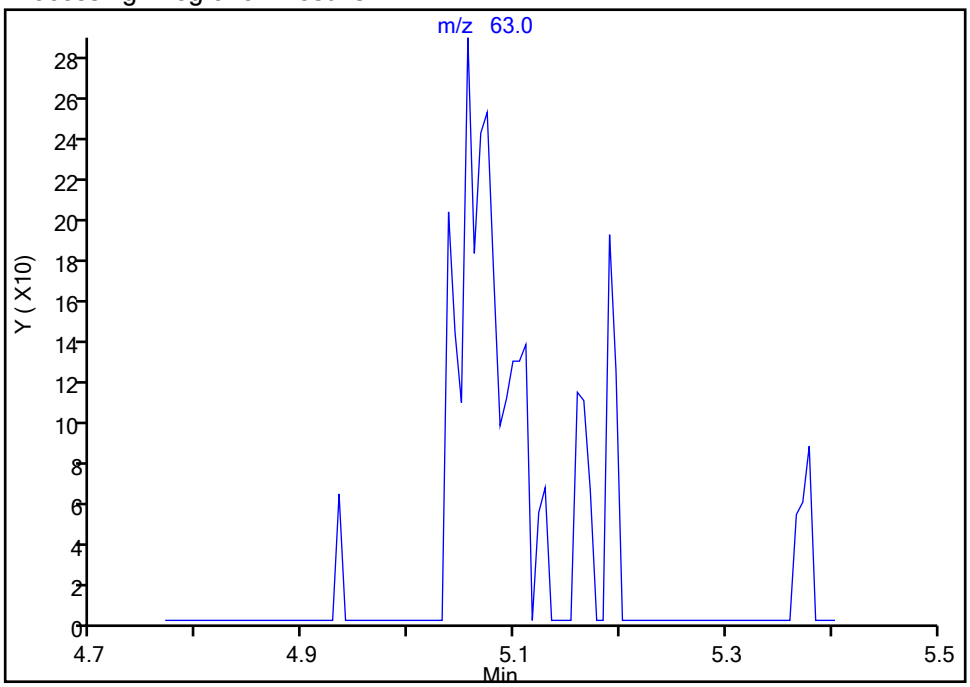
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

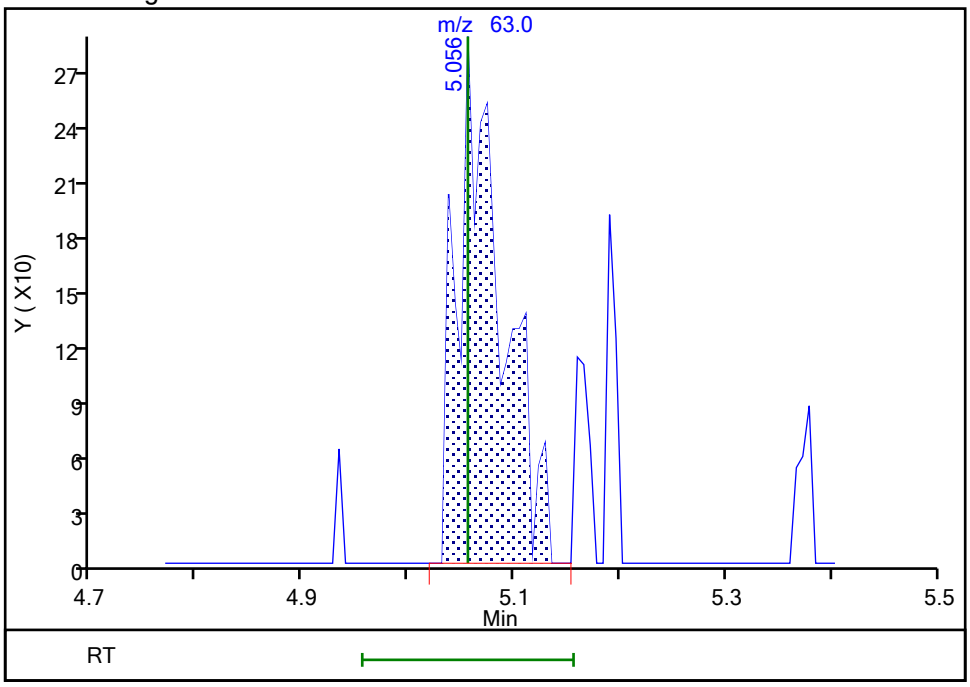
Not Detected
Expected RT: 5.06

Processing Integration Results



Manual Integration Results

RT: 5.06
Area: 822
Amount: 2.974436
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:14:39
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

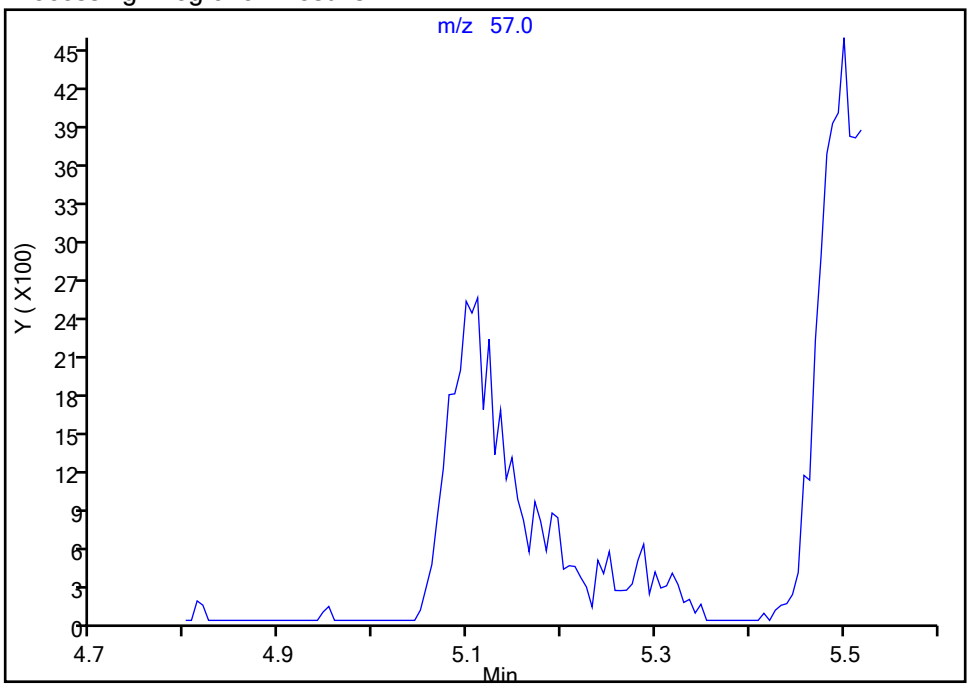
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

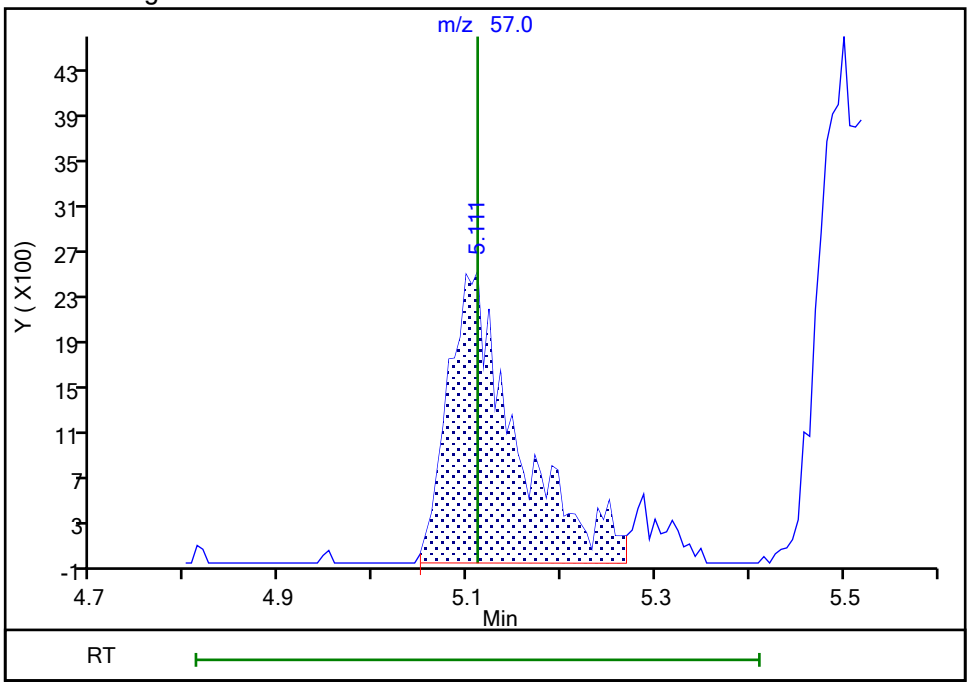
Not Detected
Expected RT: 5.11

Processing Integration Results



Manual Integration Results

RT: 5.11
Area: 12726
Amount: 74.619456
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:23:31
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

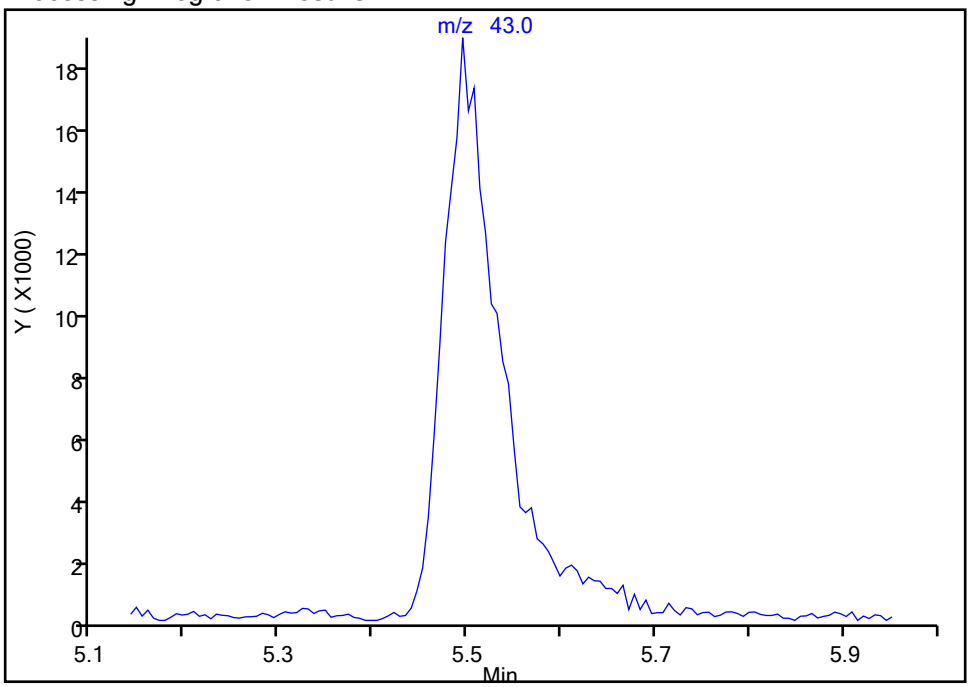
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

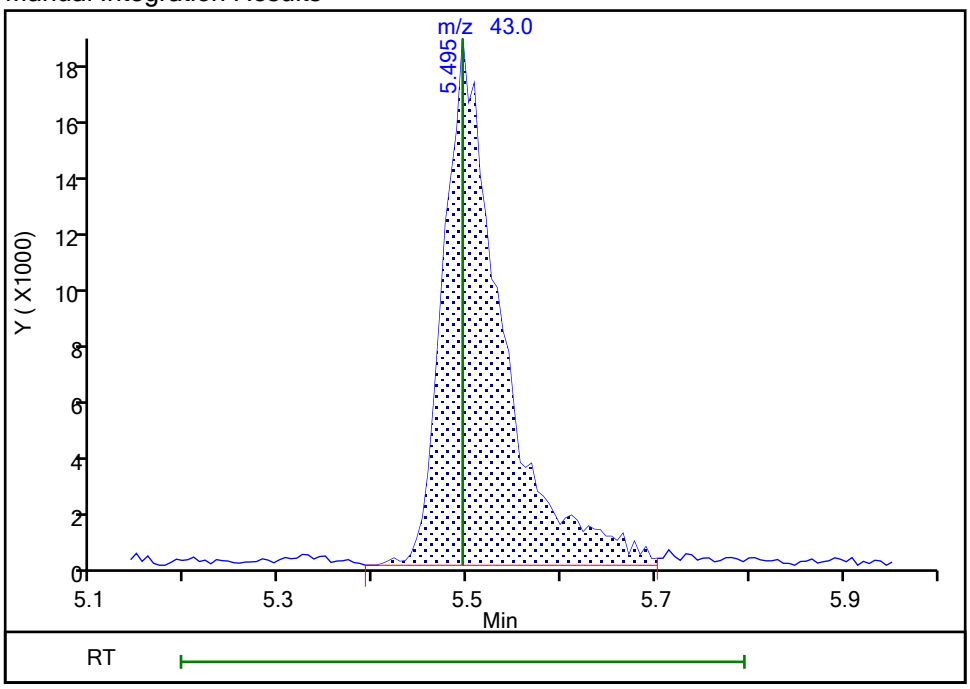
Not Detected
Expected RT: 5.49

Processing Integration Results



Manual Integration Results

RT: 5.49
Area: 81799
Amount: 24.425183
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:23:40
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 11-Mar-2021 10:46:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0125263-006
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:01:11 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 11-Mar-2021 11:14:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.685	0.685	0.000	92	169699	NC	NC	
3 Dichlorodifluoromethane	85	0.697	0.697	0.000	68	152971	20.0	21.7	
4 Chlorodifluoromethane	67	0.691	0.691	0.000	97	18456	20.0	20.7	a
5 Chloromethane	50	0.776	0.776	0.000	99	146956	20.0	21.9	
6 Butadiene	54	0.801	0.801	0.000	93	97872	20.0	22.0	
7 Vinyl chloride	62	0.825	0.825	0.000	98	107092	20.0	22.1	
8 Bromomethane	94	0.953	0.953	0.000	99	81982	20.0	22.2	
9 Chloroethane	64	0.971	0.971	0.000	98	59849	20.0	21.9	
10 Dichlorofluoromethane	67	1.075	1.075	0.000	99	151423	20.0	21.5	
12 Pentane	72	1.099	1.099	0.000	96	23866	40.0	41.7	
11 Trichlorofluoromethane	101	1.112	1.112	0.000	95	148088	20.0	22.1	Ma
14 Ethanol	46	1.191	1.191	0.000	38	5981	800.0	1128.1	
13 Ethyl ether	59	1.191	1.191	0.000	82	50772	20.0	21.0	
15 2-Methyl-1,3-butadiene	53	1.209	1.209	0.000	94	66626	20.0	20.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.240	1.240	0.000	79	75247	20.0	20.7	M
18 Acrolein	56	1.264	1.264	0.000	97	104749	300.0	349.7	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.276	1.276	0.000	88	117954	20.0	21.3	a
19 1,1-Dichloroethene	96	1.319	1.319	0.000	98	74209	20.0	21.4	
21 Acetone	43	1.343	1.343	0.000	63	79884	100.0	101.6	
20 112TCTFE	101	1.355	1.355	0.000	94	89074	20.0	22.3	a
22 Iodomethane	142	1.392	1.392	0.000	97	157960	20.0	21.8	
23 Carbon disulfide	76	1.422	1.422	0.000	99	265054	20.0	21.3	
24 Isopropyl alcohol	45	1.441	1.441	0.000	25	28553	200.0	185.9	a
25 3-Chloro-1-propene	39	1.508	1.508	0.000	93	88577	20.0	20.4	
26 Methyl acetate	43	1.532	1.532	0.000	99	94713	40.0	42.7	
27 Acetonitrile	39	1.550	1.550	0.000	25	50914	200.0	252.3	a
28 Methylene Chloride	84	1.587	1.587	0.000	91	82056	20.0	21.7	
* 29 TBA-d9 (IS)	65	1.642	1.642	0.000	0	230269	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.697	1.697	0.000	91	58181	200.0	204.4	a
31 Acrylonitrile	53	1.733	1.733	0.000	94	209996	200.0	209.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.746	1.746	0.000	94	81666	20.0	21.2	
33 Methyl tert-butyl ether	73	1.776	1.776	0.000	97	213085	20.0	21.4	
34 Hexane	57	1.928	1.928	0.000	94	120297	20.0	22.0	
35 1,1-Dichloroethane	63	2.020	2.020	0.000	99	140574	20.0	20.9	
36 Vinyl acetate	86	2.087	2.087	0.000	100	19764	40.0	41.2	M
37 2-Chloro-1,3-butadiene	88	2.087	2.087	0.000	81	68138	20.0	20.6	
38 Isopropyl ether	45	2.099	2.099	0.000	90	242071	20.0	21.1	
39 Tert-butyl ethyl ether	87	2.373	2.373	0.000	88	86755	20.0	21.1	
* 40 2-Butanone-d5	46	2.428	2.428	0.000	0	255032	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.453	2.453	0.000	97	82728	20.0	20.6	
42 2,2-Dichloropropane	79	2.471	2.471	0.000	86	39091	20.0	21.4	a
43 2-Butanone (MEK)	72	2.471	2.471	0.000	98	30427	100.0	85.1	
44 Propionitrile	54	2.532	2.532	0.000	95	71201	200.0	210.0	
45 Ethyl acetate	70	2.556	2.556	0.000	98	8922	40.0	36.9	
62 Methyl acrylate	55	2.569	2.569	0.000	61	64150	20.0	19.3	
46 Chlorobromomethane	128	2.648	2.648	0.000	87	42899	20.0	20.6	
47 Methacrylonitrile	67	2.654	2.654	0.000	92	244232	200.0	206.3	
48 Tetrahydrofuran	72	2.697	2.697	0.000	75	16209	40.0	41.1	M
49 Chloroform	83	2.739	2.739	0.000	98	133639	20.0	20.4	
$ 50 Dibromofluoromethane (Surr)	113	2.873	2.873	0.000	98	163612	50.0	49.4	
51 1,1,1-Trichloroethane	97	2.879	2.879	0.000	77	123708	20.0	20.5	
52 Cyclohexane	84	2.922	2.922	0.000	93	123889	20.0	21.1	
54 1,1-Dichloropropene	75	3.026	3.026	0.000	94	102350	20.0	20.3	
53 Carbon tetrachloride	117	3.032	3.032	0.000	96	110522	20.0	20.6	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.172	3.172	0.000	0	167267	50.0	49.0	
56 Benzene	78	3.221	3.221	0.000	94	293063	20.0	20.3	
57 1,2-Dichloroethane	62	3.245	3.245	0.000	97	93158	20.0	20.4	
58 Isobutyl alcohol	42	3.337	3.337	0.000	32	26404	500.0	452.2	a
59 Tert-amyl methyl ether	73	3.385	3.385	0.000	98	226851	20.0	20.7	
73 Isopropyl acetate	43	3.398	3.398	0.000	91	292539	20.0	21.1	a
* 60 Fluorobenzene	96	3.520	3.520	0.000	99	582145	50.0	50.0	
61 n-Heptane	43	3.574	3.574	0.000	93	143798	20.0	21.7	
63 Trichloroethene	95	3.928	3.928	0.000	98	76456	20.0	20.3	
64 n-Butanol	43	4.093	4.093	0.000	1	6998	500.0	387.5	Ma
65 Methylcyclohexane	83	4.135	4.135	0.000	92	142792	20.0	20.8	
66 Ethyl acrylate	55	4.154	4.154	0.000	93	186677	20.0	20.9	
67 1,2-Dichloropropane	63	4.184	4.184	0.000	96	76038	20.0	20.8	
68 Dibromomethane	93	4.318	4.318	0.000	47	43240	20.0	20.2	
* 69 1,4-Dioxane-d8	96	4.361	4.361	0.000	0	16065	1000.0	1000.0	M
71 Methyl methacrylate	100	4.440	4.440	0.000	94	31333	40.0	42.0	
70 1,4-Dioxane	88	4.404	4.404	0.000	29	7150	400.0	382.4	Ma
81 n-Propyl acetate	43	4.574	4.574	0.000	84	78894	20.0	19.2	
72 Dichlorobromomethane	83	4.562	4.562	0.000	99	93069	20.0	19.9	
74 2-Nitropropane	41	4.891	4.891	0.000	97	24998	40.0	36.9	
75 2-Chloroethyl vinyl ether	63	5.086	5.086	0.000	31	3365	20.0	12.6	Ma
76 Epichlorohydrin	57	5.086	5.086	0.000	99	43679	400.0	290.1	
77 cis-1,3-Dichloropropene	75	5.184	5.184	0.000	94	102843	20.0	19.6	
78 4-Methyl-2-pentanone (MIBK)	43	5.489	5.489	0.000	96	296973	100.0	101.0	a
$ 79 Toluene-d8 (Surr)	98	5.550	5.550	0.000	98	608529	50.0	49.1	
80 Toluene	91	5.653	5.653	0.000	93	309034	20.0	19.9	
82 trans-1,3-Dichloropropene	75	6.080	6.080	0.000	99	88529	20.0	19.2	
83 1,1,2-Trichloroethane	83	6.342	6.342	0.000	94	50823	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.348	6.348	0.000	96	75228	20.0	20.4	
85 Tetrachloroethene	166	6.495	6.495	0.000	98	87373	20.0	19.7	
86 1,3-Dichloropropane	76	6.586	6.586	0.000	95	101606	20.0	20.5	
87 2-Hexanone	43	6.879	6.879	0.000	98	194329	100.0	101.0	
88 Chlorodibromomethane	129	6.952	6.952	0.000	98	68096	20.0	19.7	
89 Ethylene Dibromide	107	7.062	7.062	0.000	98	59727	20.0	20.1	
90 n-Butyl acetate	73	7.214	7.214	0.000	99	14640	20.0	19.8	
* 91 Chlorobenzene-d5	117	7.958	7.958	0.000	86	466438	50.0	50.0	
92 Chlorobenzene	112	8.007	8.007	0.000	95	203762	20.0	20.3	
93 1,1,1,2-Tetrachloroethane	131	8.232	8.232	0.000	96	75202	20.0	19.8	
94 Ethylbenzene	106	8.305	8.305	0.000	98	114127	20.0	20.8	
95 m-Xylene & p-Xylene	106	8.561	8.561	0.000	99	136076	20.0	20.7	
96 o-Xylene	106	9.281	9.281	0.000	94	133511	20.0	20.4	
97 Styrene	104	9.323	9.323	0.000	94	220288	20.0	20.3	
98 n-Butyl acrylate	73	9.500	9.500	0.000	98	39853	20.0	19.0	
99 Bromoform	173	9.567	9.567	0.000	97	48198	20.0	19.2	
101 Amyl acetate (mixed isomers)	43	9.982	9.982	0.000	92	95593	20.0	18.8	
102 Isopropylbenzene	105	10.018	10.018	0.000	96	368887	20.0	20.7	
$ 103 4-Bromofluorobenzene	174	10.226	10.226	0.000	95	219613	50.0	50.0	
104 Bromobenzene	156	10.396	10.396	0.000	97	94033	20.0	20.1	
105 1,2,3-Trichloropropane	110	10.616	10.616	0.000	96	24007	20.0	19.6	
106 1,1,2,2-Tetrachloroethane	83	10.628	10.628	0.000	96	81717	20.0	19.7	
107 trans-1,4-Dichloro-2-butene	53	10.732	10.732	0.000	84	19157	20.0	19.3	
108 N-Propylbenzene	120	10.756	10.756	0.000	99	103756	20.0	20.3	
109 2-Chlorotoluene	126	10.799	10.799	0.000	97	93743	20.0	20.7	
110 4-Ethyltoluene	105	10.975	10.975	0.000	98	363154	20.0	20.7	
111 4-Chlorotoluene	91	11.012	11.012	0.000	97	313617	20.0	20.8	
112 1,3,5-Trimethylbenzene	105	11.110	11.110	0.000	93	310742	20.0	20.3	
100 Butyl Methacrylate	87	11.475	11.475	0.000	95	70615	20.0	15.6	
113 tert-Butylbenzene	119	11.640	11.640	0.000	95	247095	20.0	20.0	
114 1,2,4-Trimethylbenzene	105	11.725	11.725	0.000	98	321337	20.0	20.6	
115 sec-Butylbenzene	105	12.054	12.054	0.000	99	410592	20.0	20.5	
116 1,3-Dichlorobenzene	146	12.128	12.128	0.000	97	188534	20.0	20.1	
* 117 1,4-Dichlorobenzene-d4	152	12.280	12.280	0.000	95	282516	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.329	12.329	0.000	96	189366	20.0	20.0	
119 4-Isopropyltoluene	119	12.408	12.408	0.000	97	345655	20.0	19.7	
120 1,2,3-Trimethylbenzene	105	12.512	12.512	0.000	99	322852	20.0	20.2	
121 Benzyl chloride	126	12.664	12.664	0.000	98	14205	20.0	11.4	
122 2,3-Dihydroindene	117	12.804	12.804	0.000	94	314247	20.0	20.6	
123 1,2-Dichlorobenzene	146	12.945	12.945	0.000	96	180852	20.0	19.9	
124 p-Diethylbenzene	119	13.042	13.042	0.000	92	193594	20.0	20.6	
125 n-Butylbenzene	92	13.066	13.066	0.000	99	205492	20.0	20.7	
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	94	16450	20.0	18.3	
127 1,2,4,5-Tetramethylbenzene	119	13.780	13.780	0.000	97	334006	20.0	20.5	
128 1,3,5-Trichlorobenzene	180	13.926	13.926	0.000	97	159775	20.0	19.6	
129 1,2,4-Trichlorobenzene	180	14.359	14.359	0.000	94	140201	20.0	18.9	
130 Hexachlorobutadiene	225	14.499	14.499	0.000	96	78093	20.0	18.6	
131 Naphthalene	128	14.511	14.511	0.000	99	256730	20.0	17.4	
132 1,2,3-Trichlorobenzene	180	14.664	14.664	0.000	95	129112	20.0	18.1	
S 133 1,2-Dichloroethene, Total	100				0		40.0	41.8	
S 134 1,3-Dichloropropene, Total	100				0		40.0	38.8	
S 135 Xylenes, Total	100				0		40.0	41.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	102.1	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00120	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00133	Amount Added:	2.00	Units: uL	
524freon_00034	Amount Added:	2.00	Units: uL	
GASES Li_00411	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:01:13 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D

Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2 Operator ID:

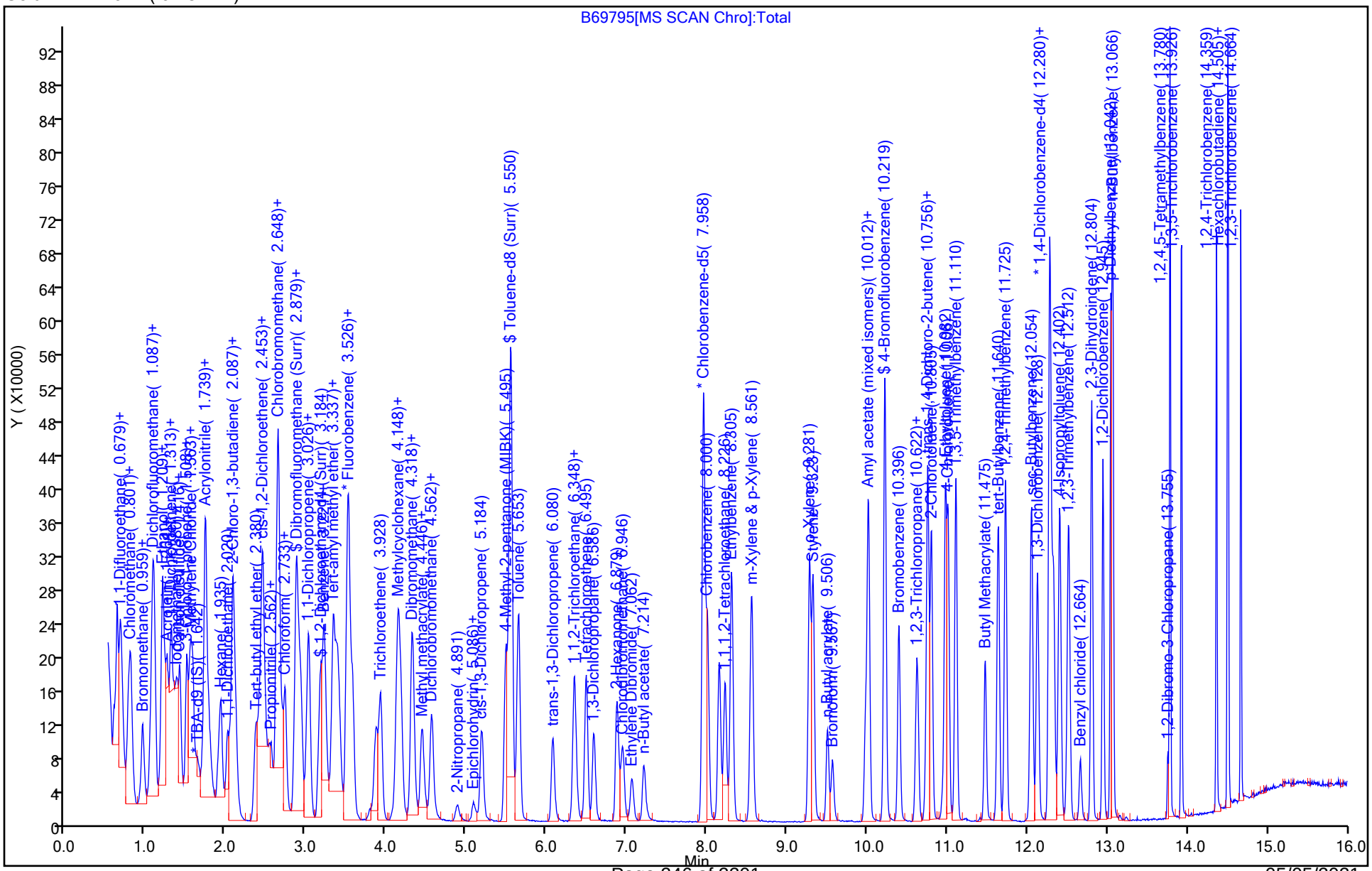
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

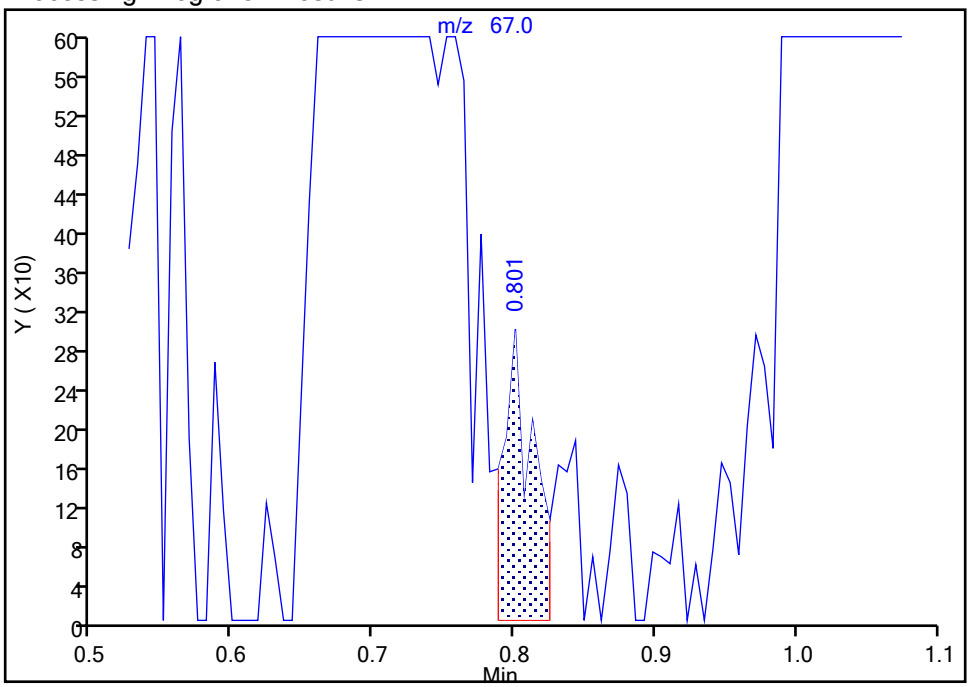
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

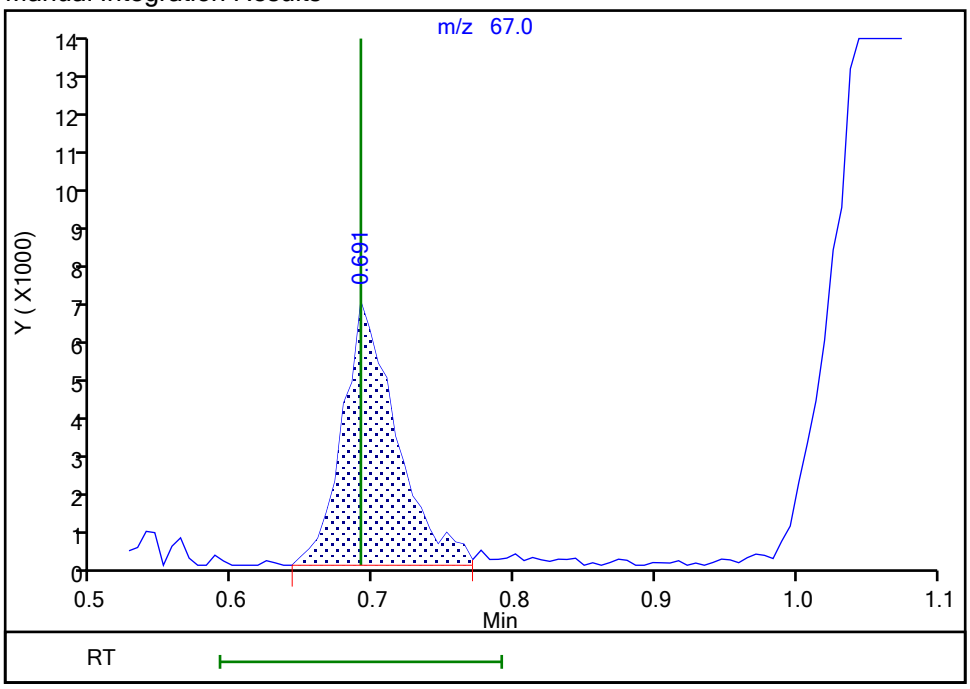
Processing Integration Results

RT: 0.80
Area: 443
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 0.69
Area: 18456
Amount: 20.674001
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:08:54
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

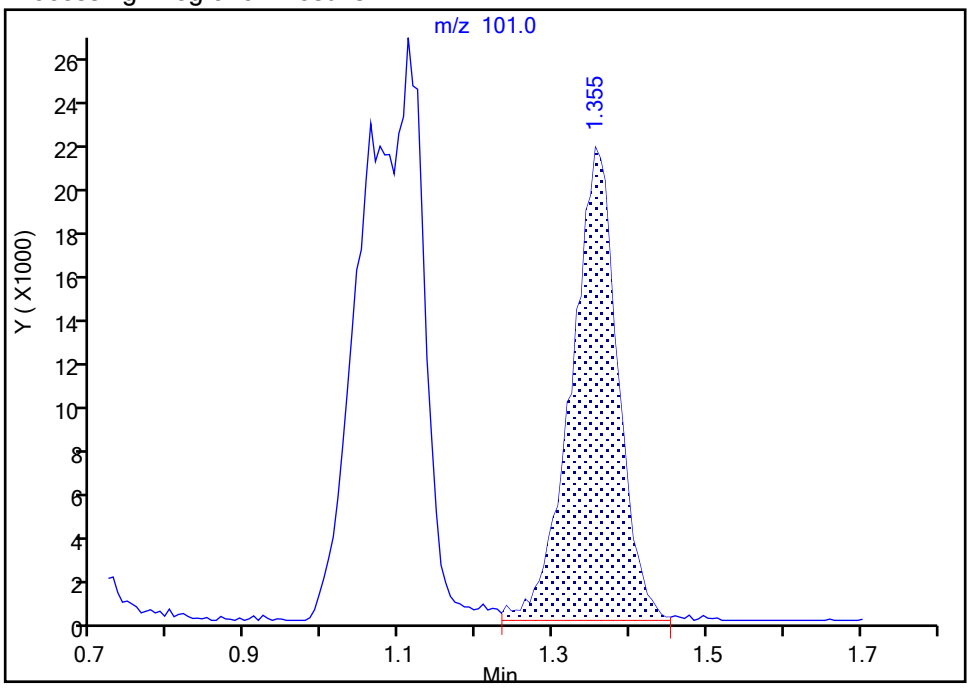
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

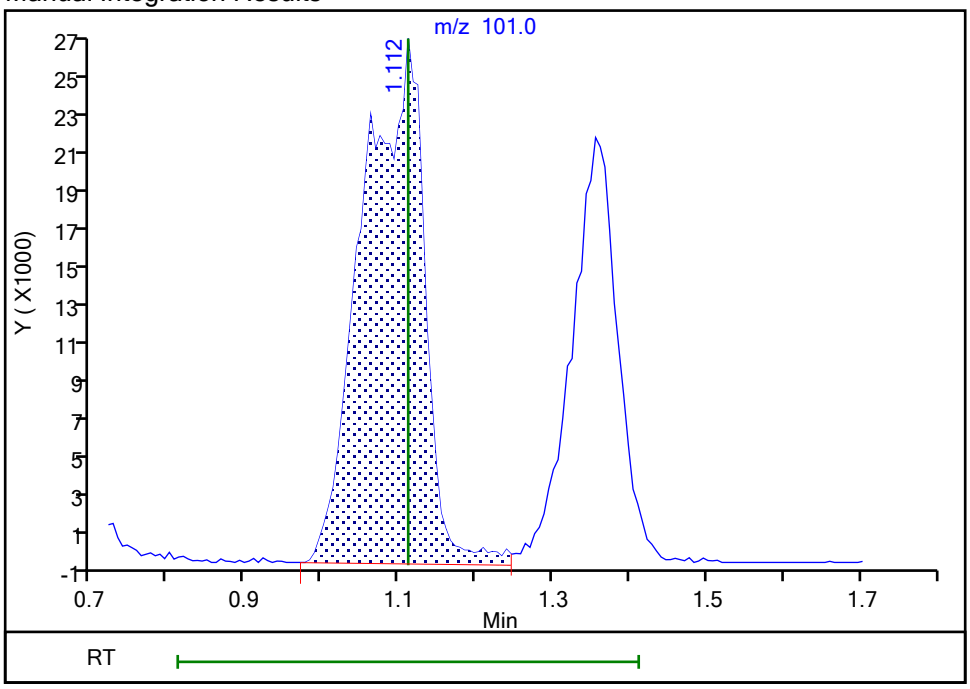
Processing Integration Results

RT: 1.36
Area: 89891
Amount: 14.486300
Amount Units: ug/l



Manual Integration Results

RT: 1.11
Area: 148088
Amount: 22.135006
Amount Units: ug/l



Reviewer: kluseys, 15-Mar-2021 12:57:00
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

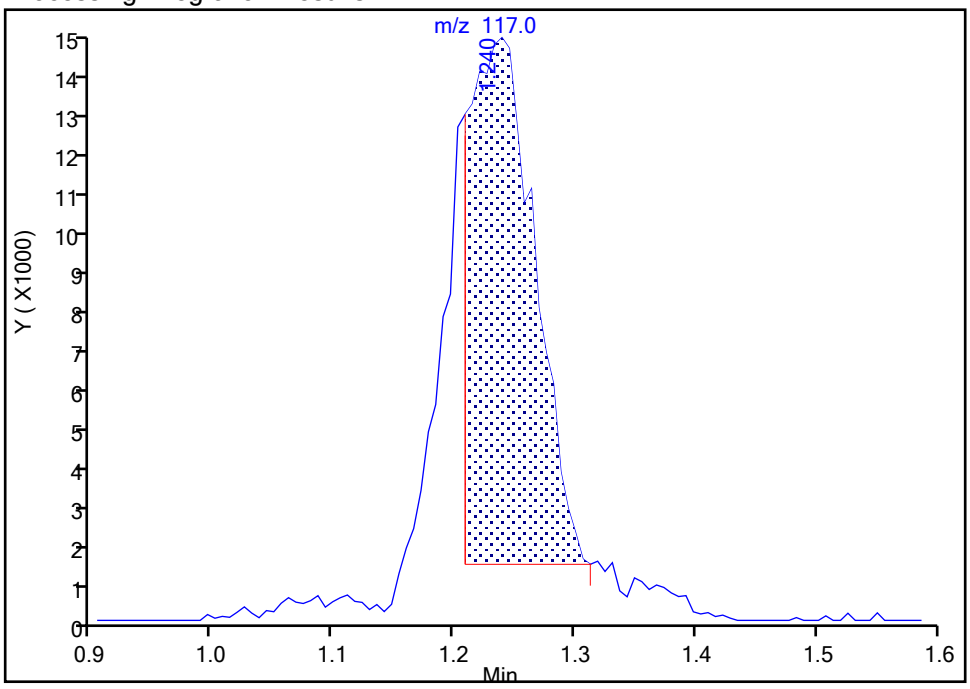
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

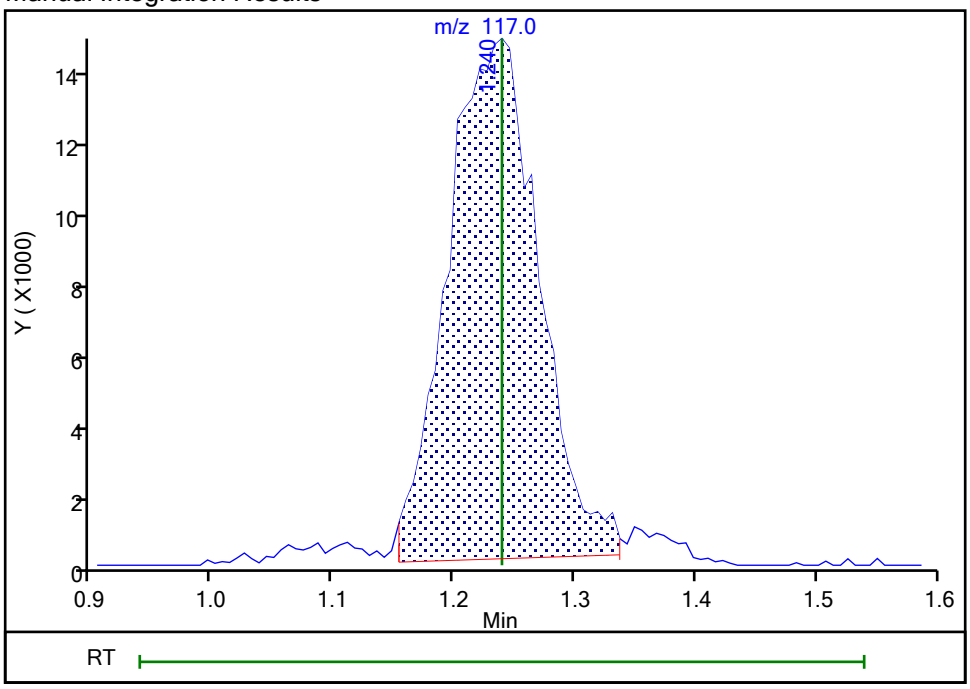
Processing Integration Results

RT: 1.24
Area: 49521
Amount: 19.940559
Amount Units: ug/l



Manual Integration Results

RT: 1.24
Area: 75247
Amount: 20.659312
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:09:20
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

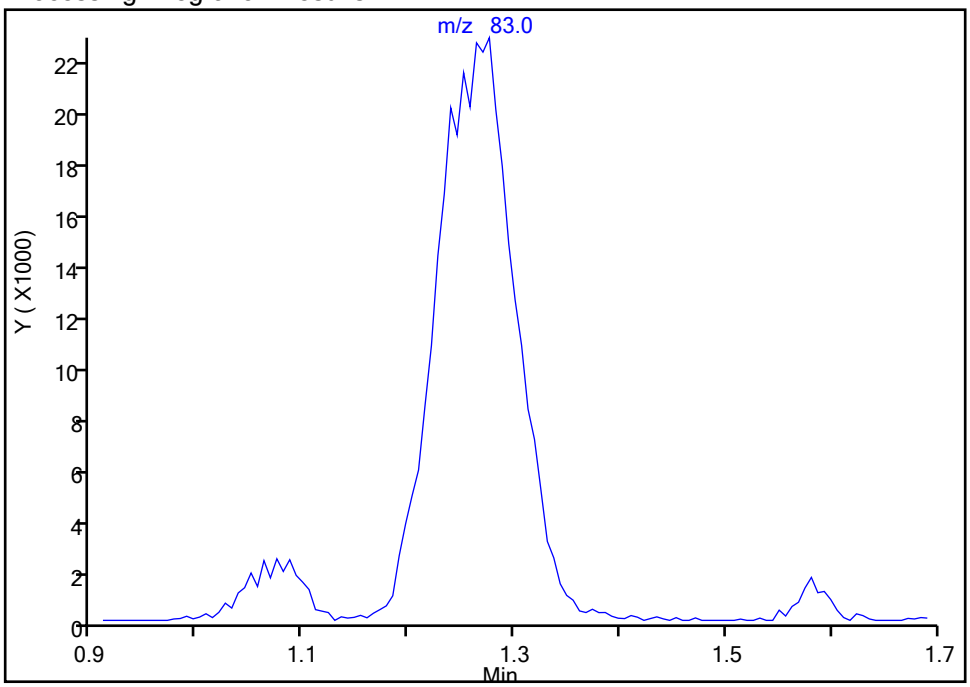
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

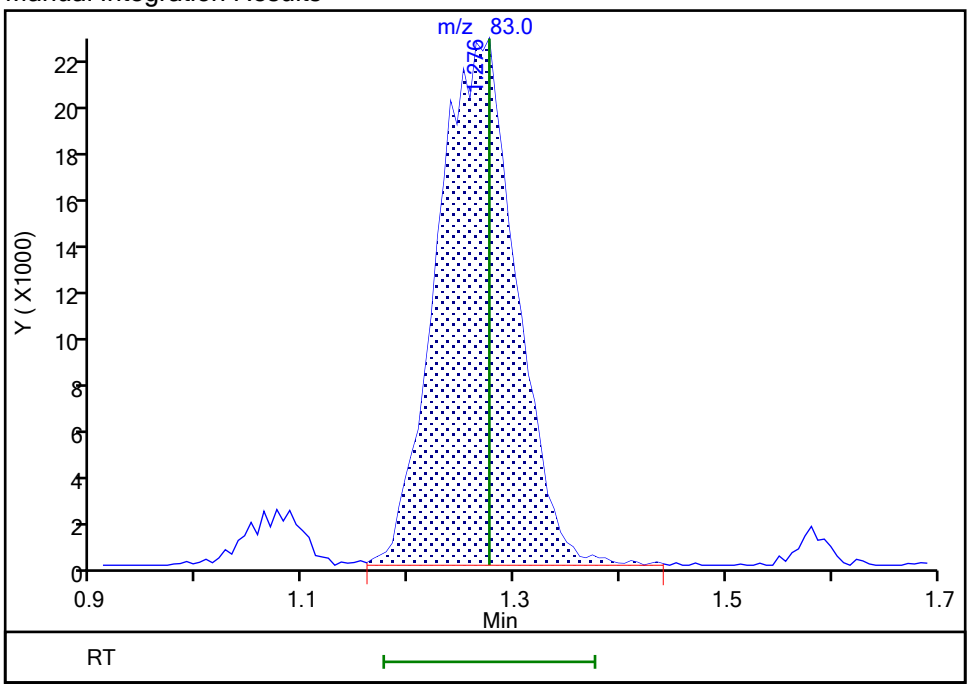
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 117954
Amount: 21.273259
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:09:27
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

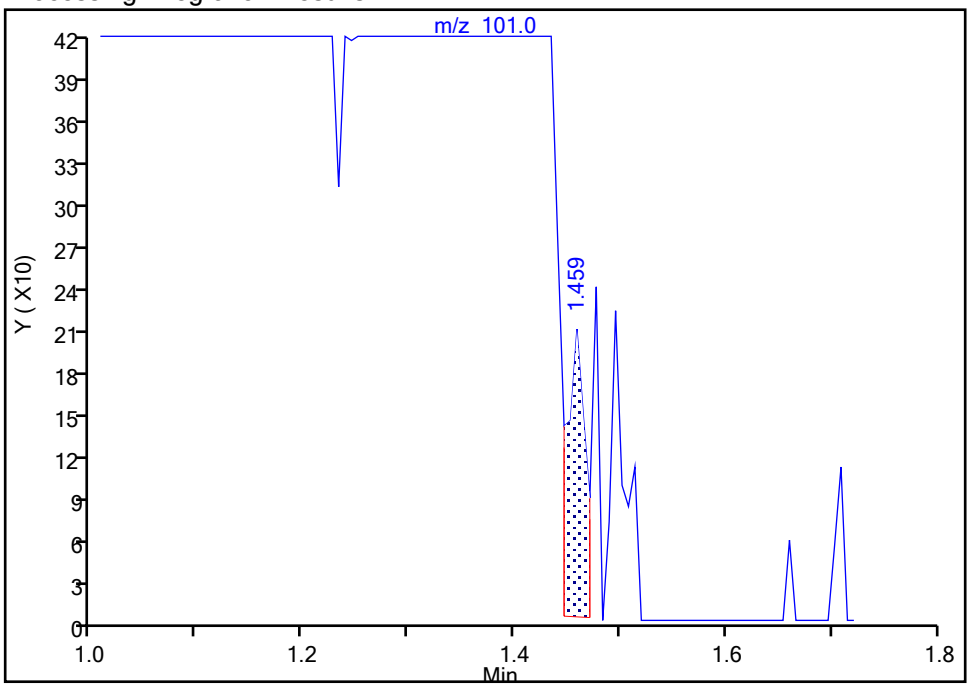
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

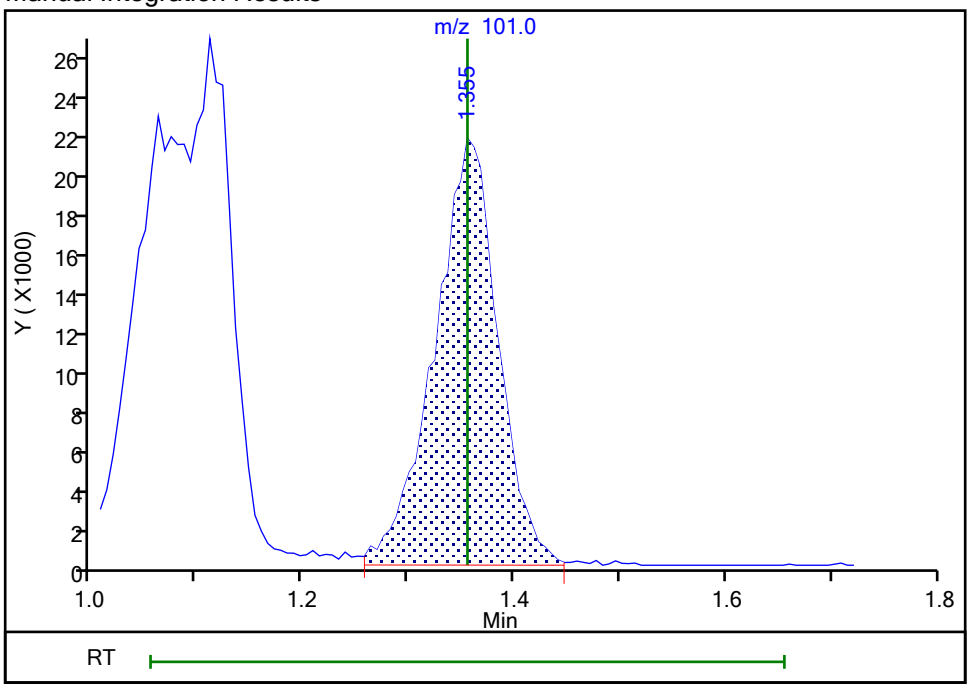
Processing Integration Results

RT: 1.46
Area: 258
Amount: 0.106881
Amount Units: ug/l



Manual Integration Results

RT: 1.36
Area: 89074
Amount: 22.266448
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:09:59
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

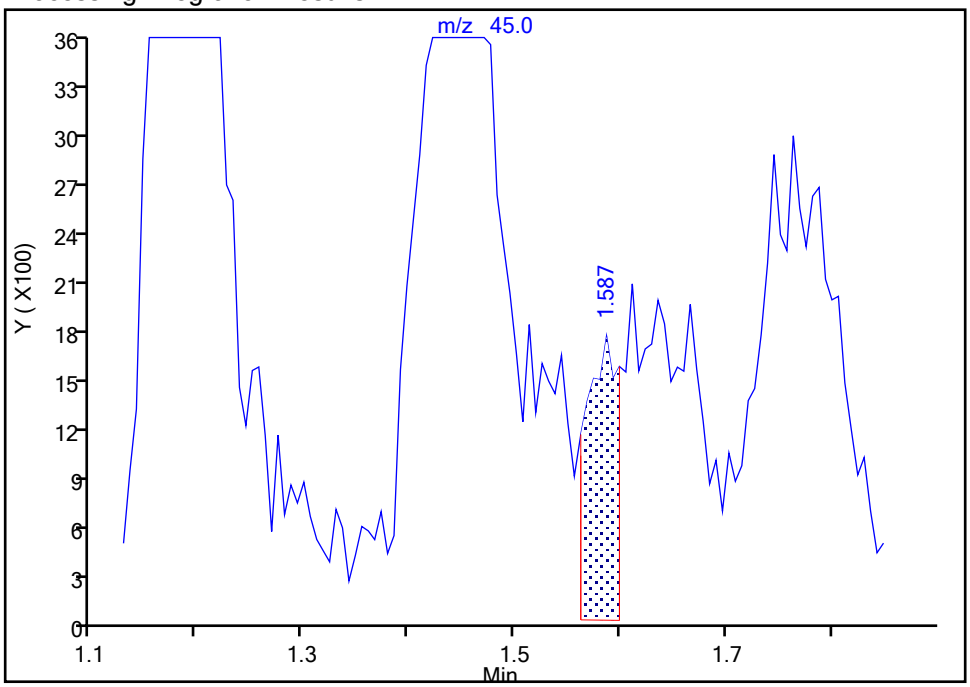
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

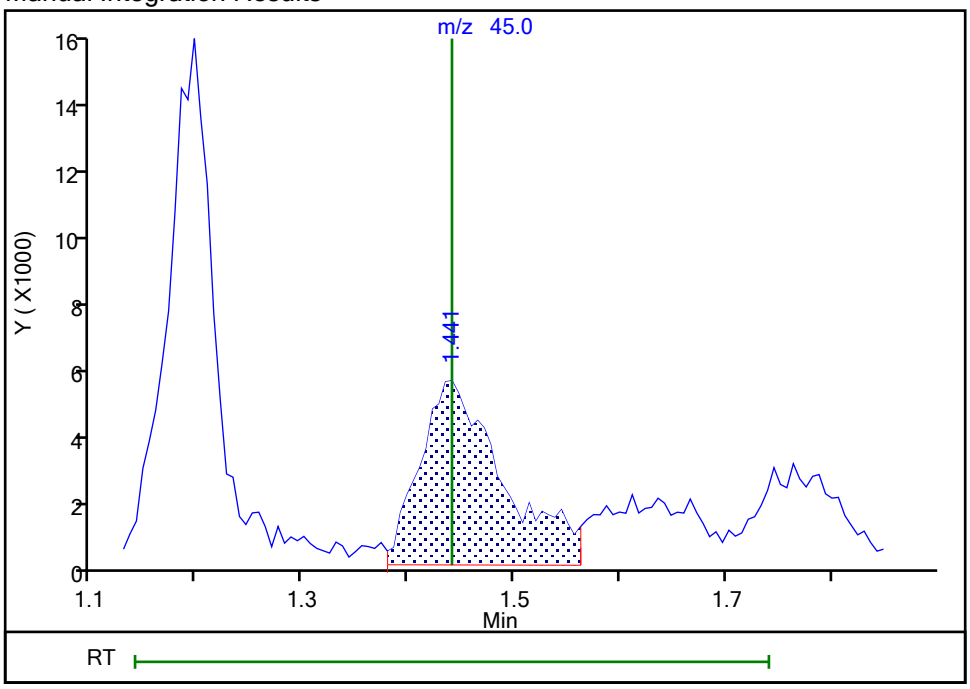
Processing Integration Results

RT: 1.59
Area: 3621
Amount: 18.208516
Amount Units: ug/l



Manual Integration Results

RT: 1.44
Area: 28553
Amount: 185.9445
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:10:51
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

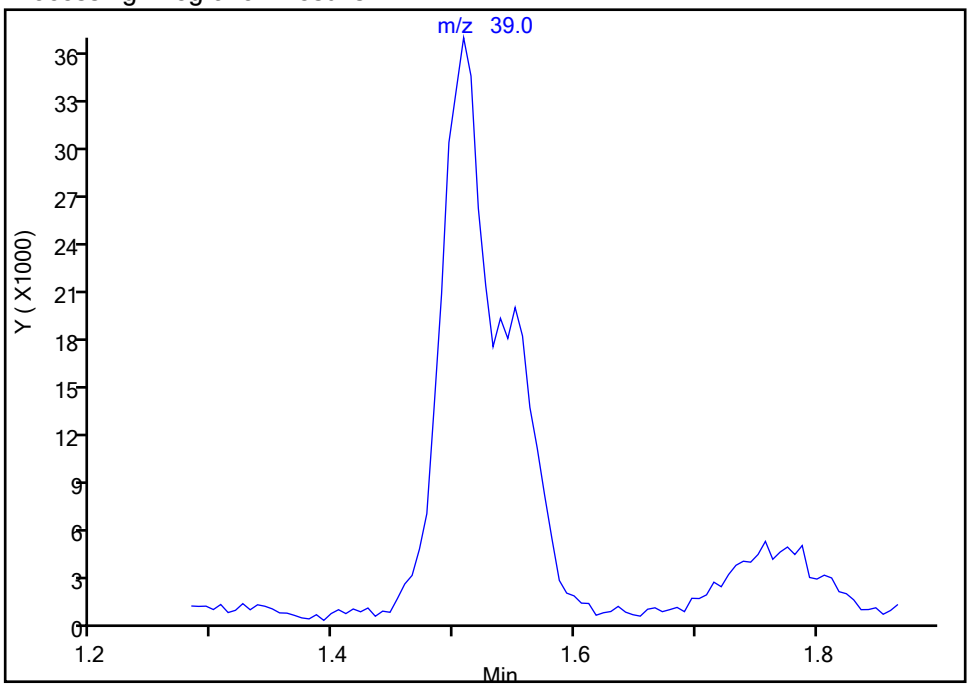
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

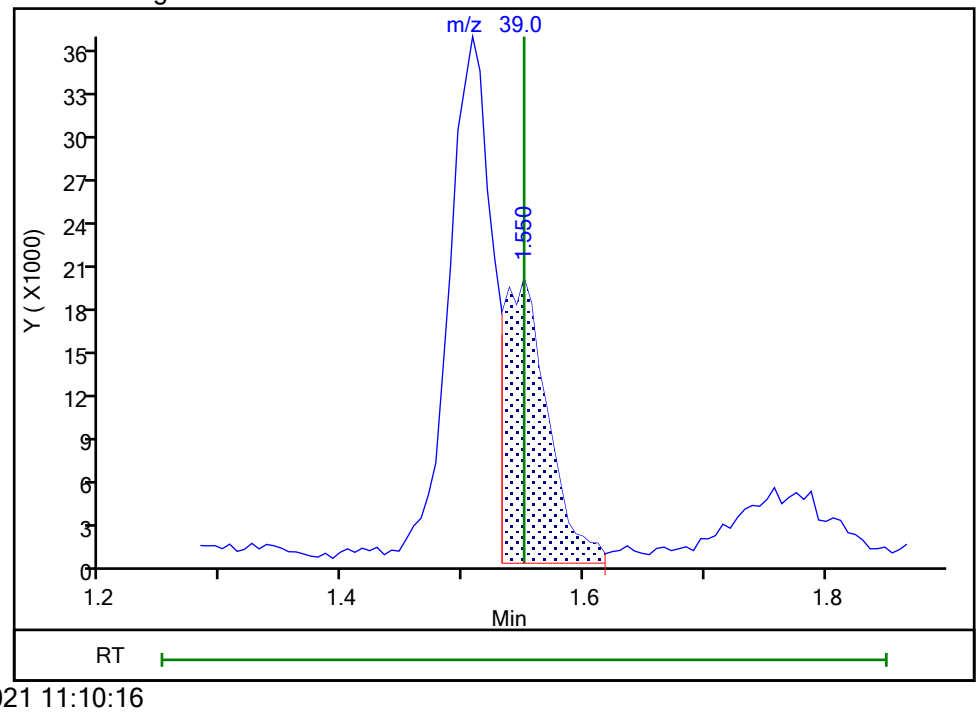
Not Detected
Expected RT: 1.55

Processing Integration Results



Manual Integration Results

RT: 1.55
Area: 50914
Amount: 252.2908
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:10:16
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

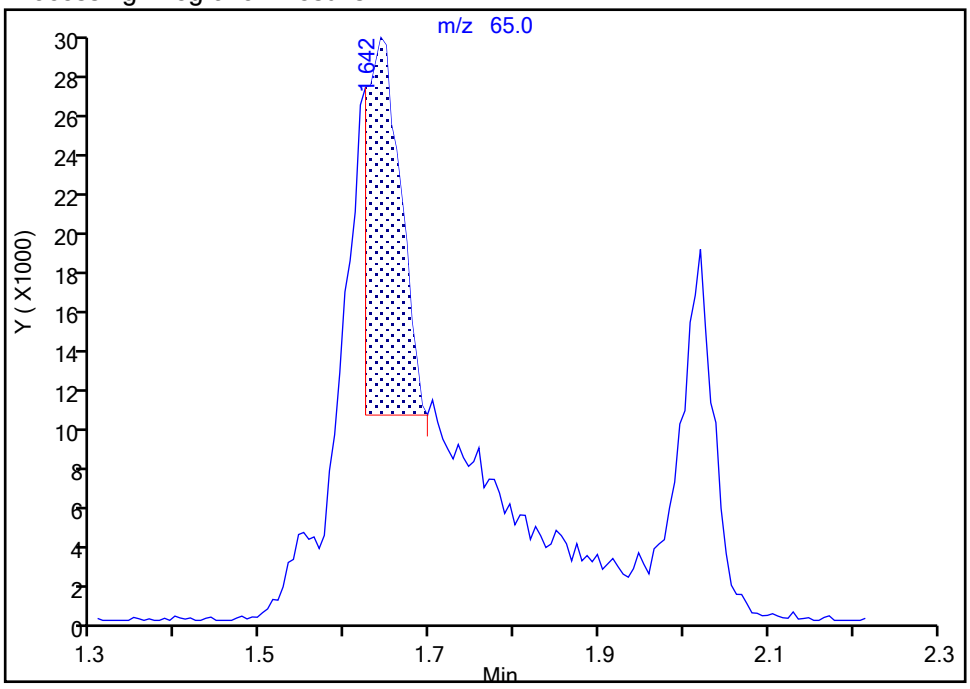
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

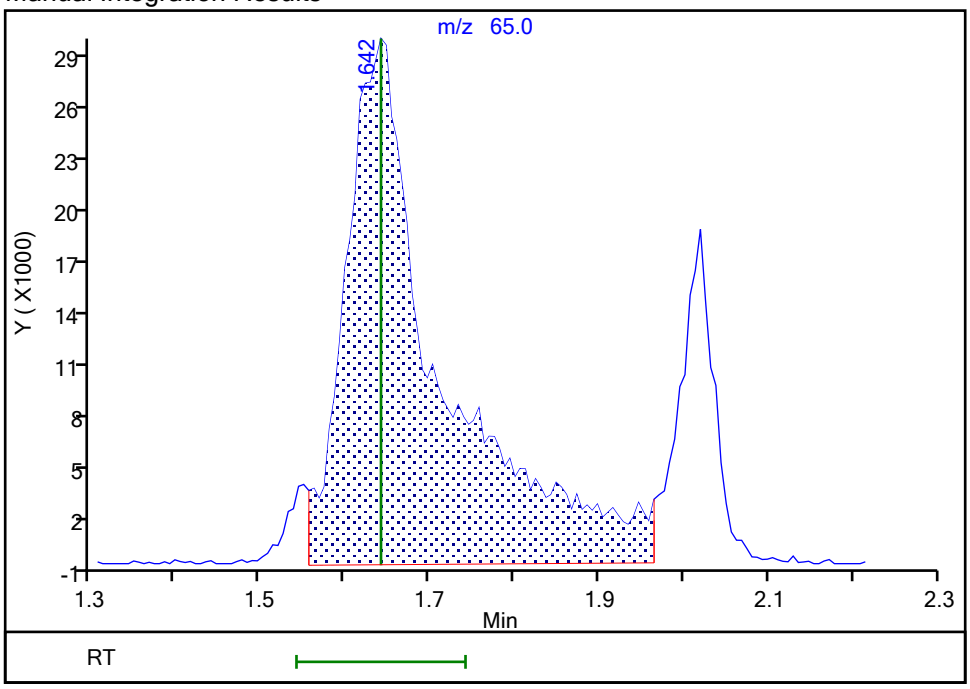
Processing Integration Results

RT: 1.64
Area: 52518
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.64
Area: 230269
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:07:58
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

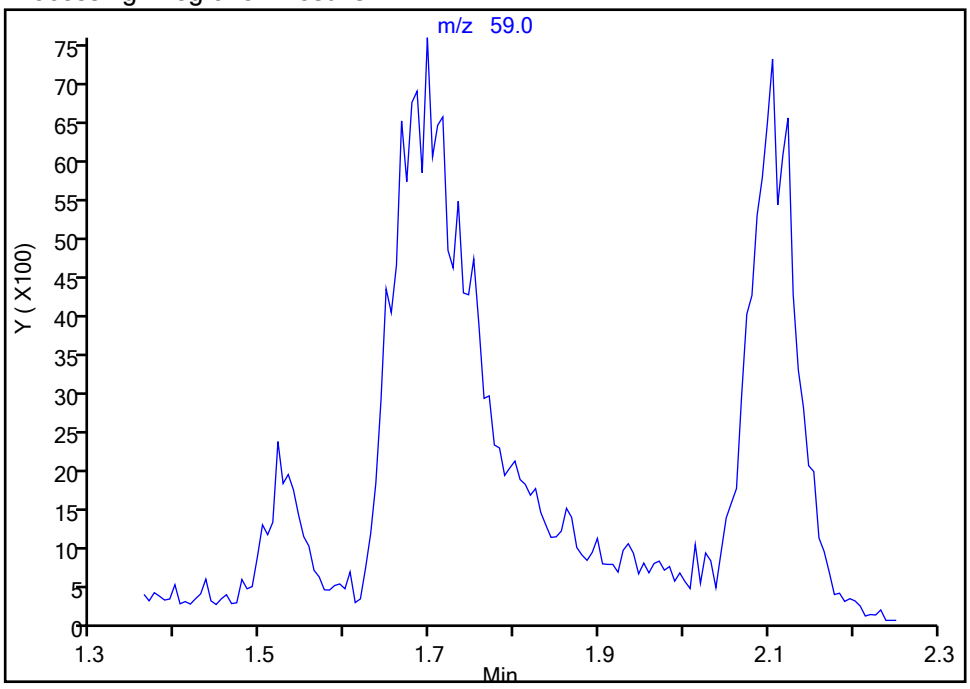
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

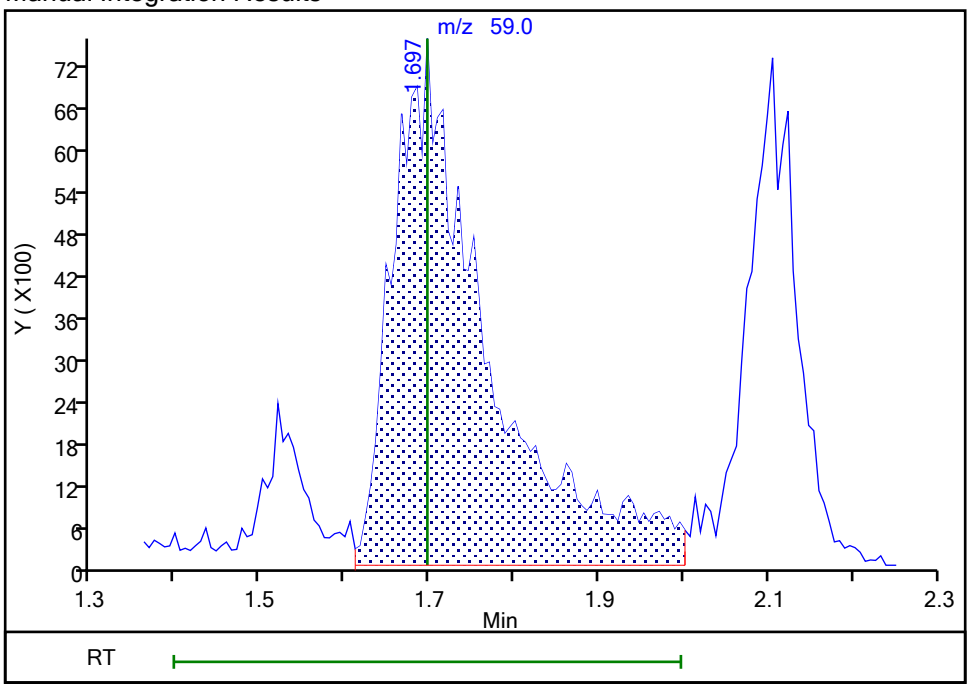
Not Detected
Expected RT: 1.70

Processing Integration Results



Manual Integration Results

RT: 1.70
Area: 58181
Amount: 204.3646
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:09:46
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

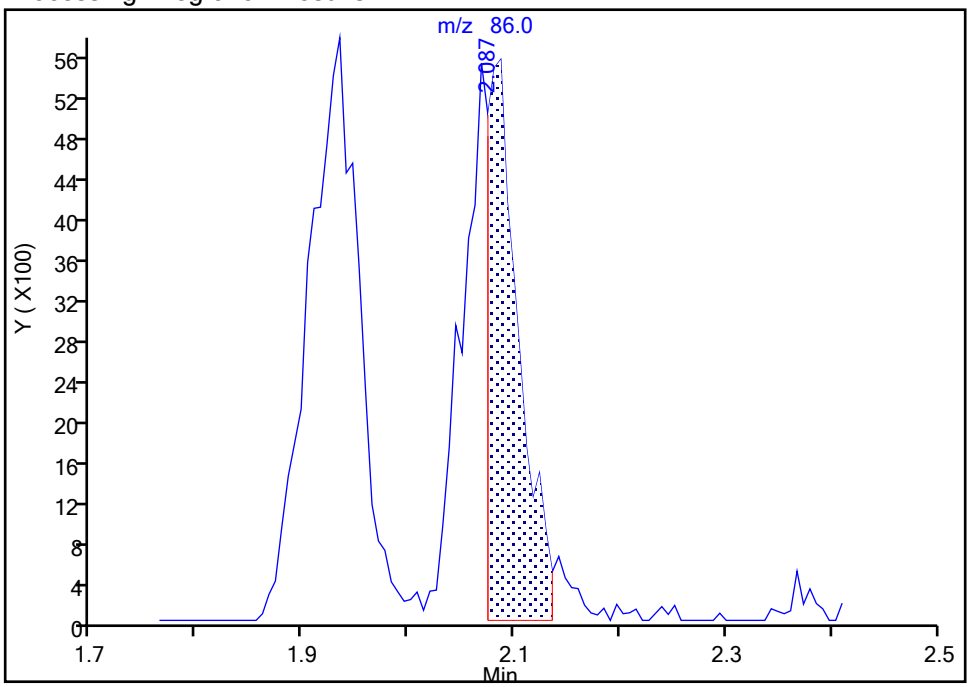
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

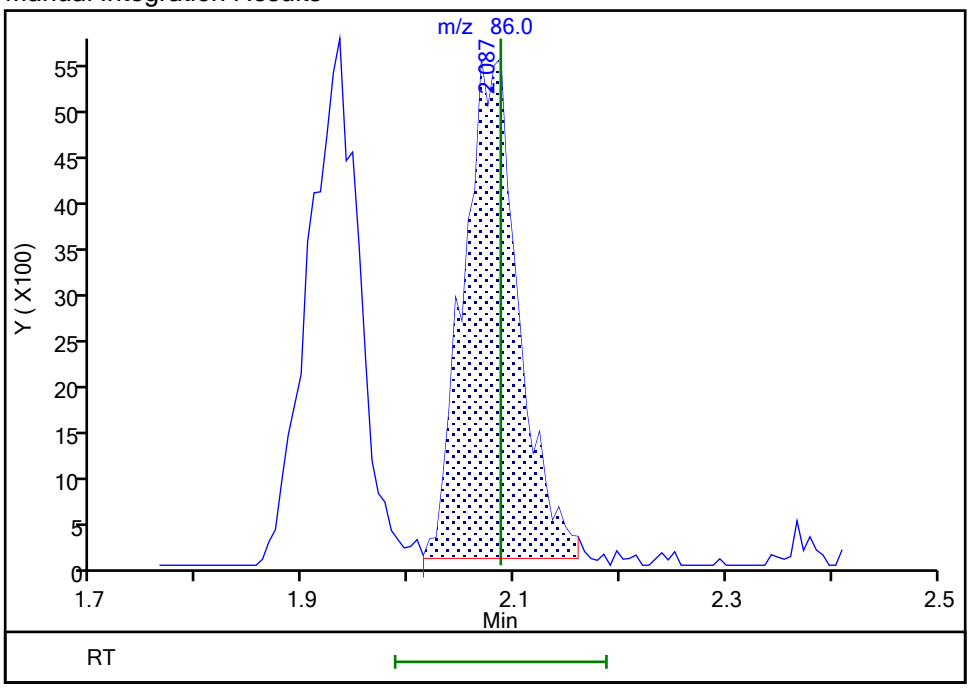
Processing Integration Results

RT: 2.09
Area: 11671
Amount: 40.013698
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 19764
Amount: 41.245816
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:11:08
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

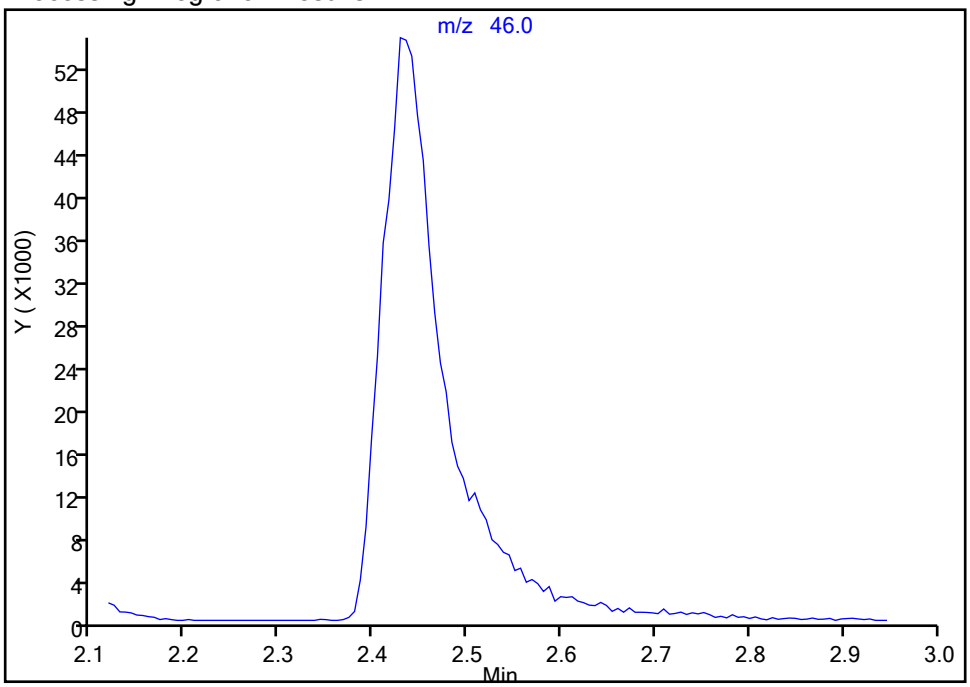
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

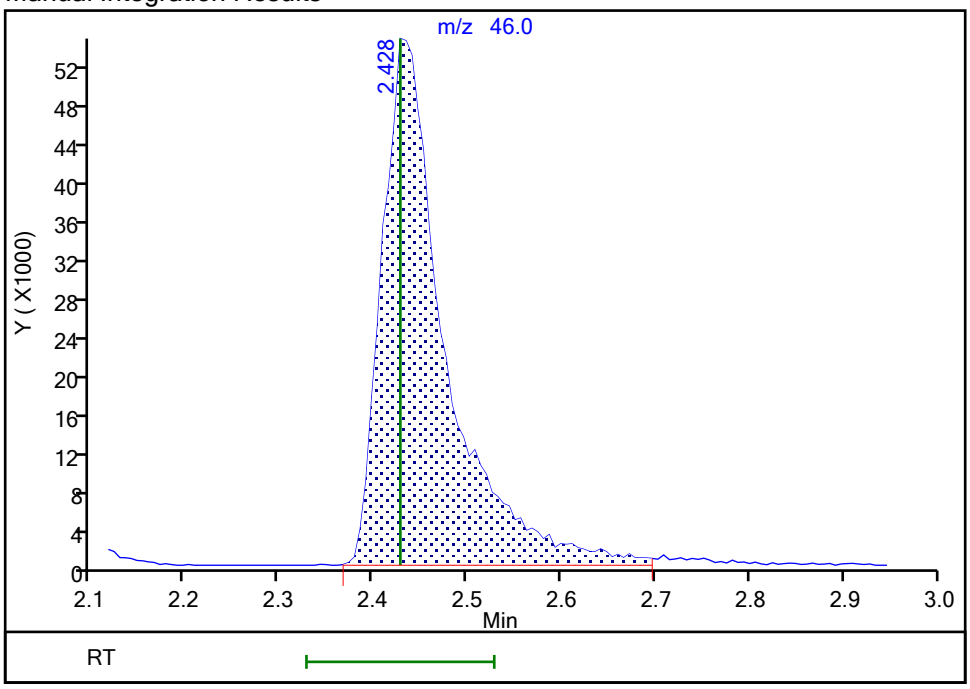
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 255032
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:08:05
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

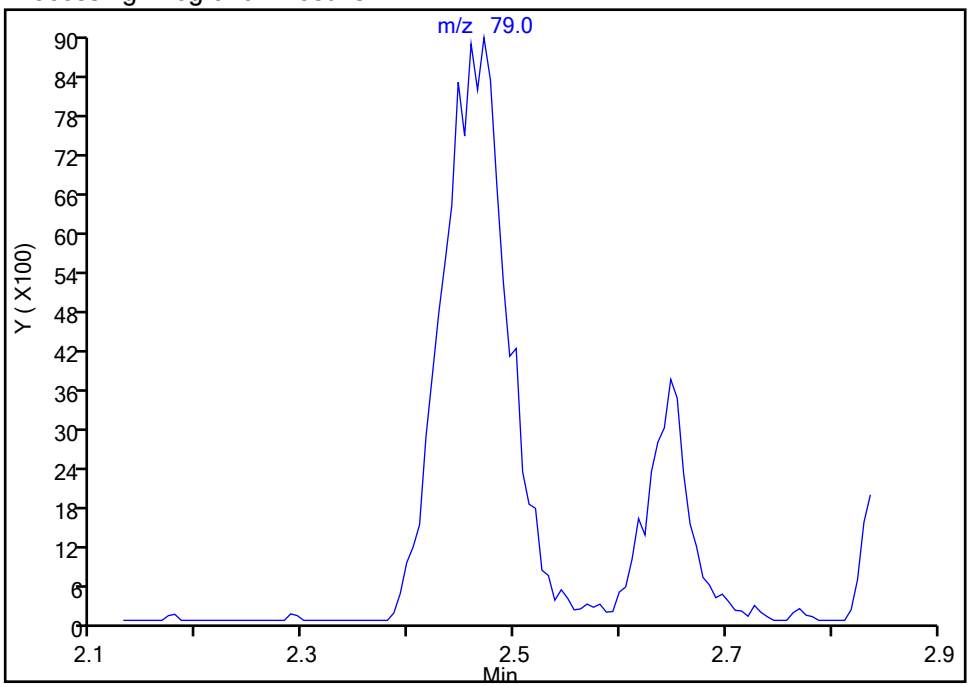
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

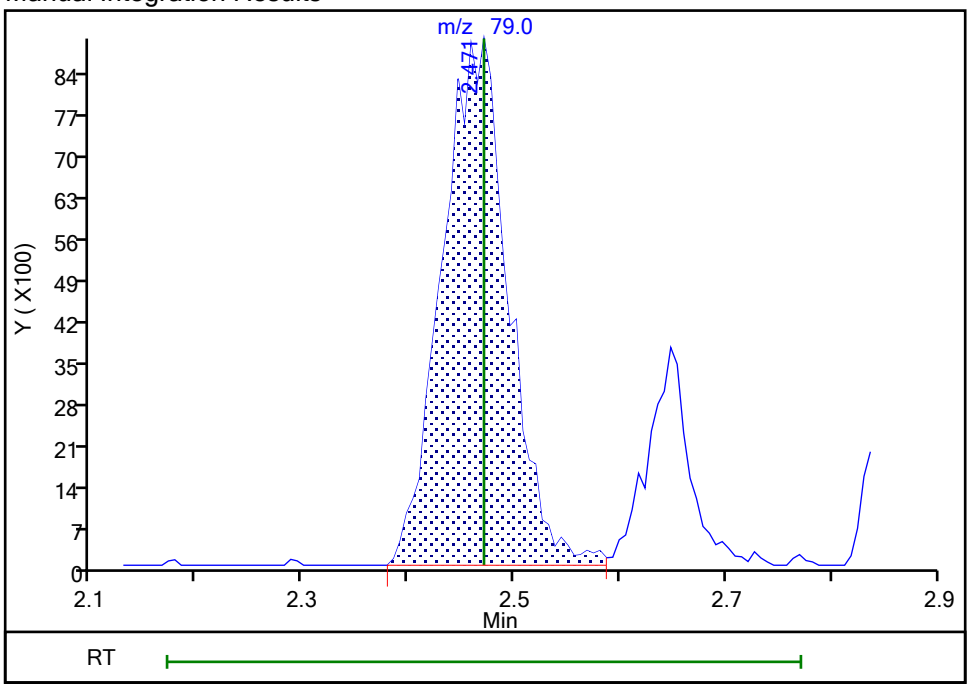
Not Detected
Expected RT: 2.47

Processing Integration Results



Manual Integration Results

RT: 2.47
Area: 39091
Amount: 21.371492
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:11:19
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

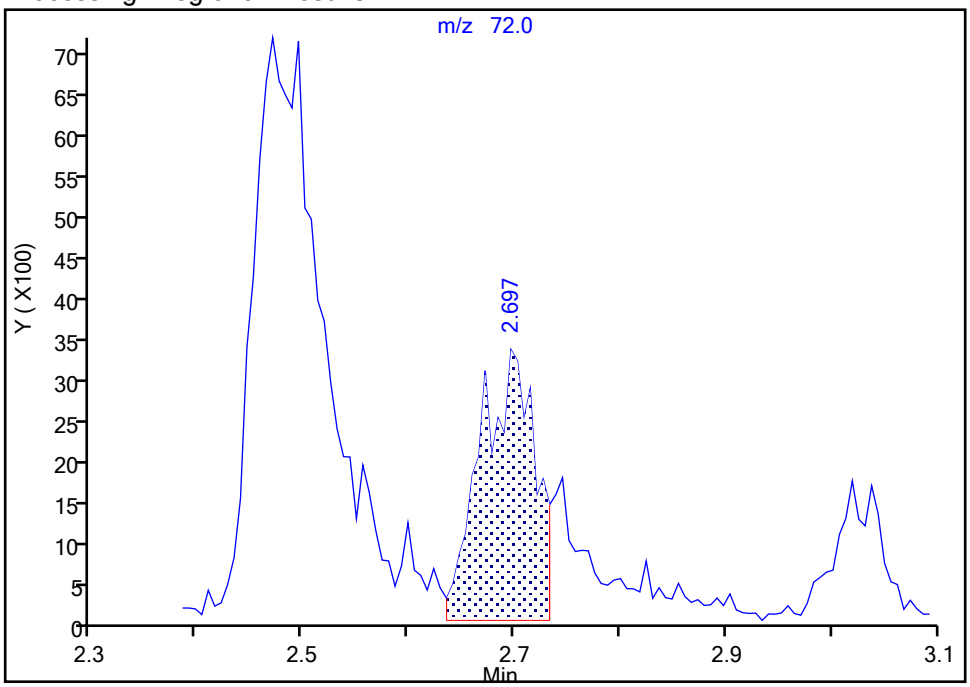
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

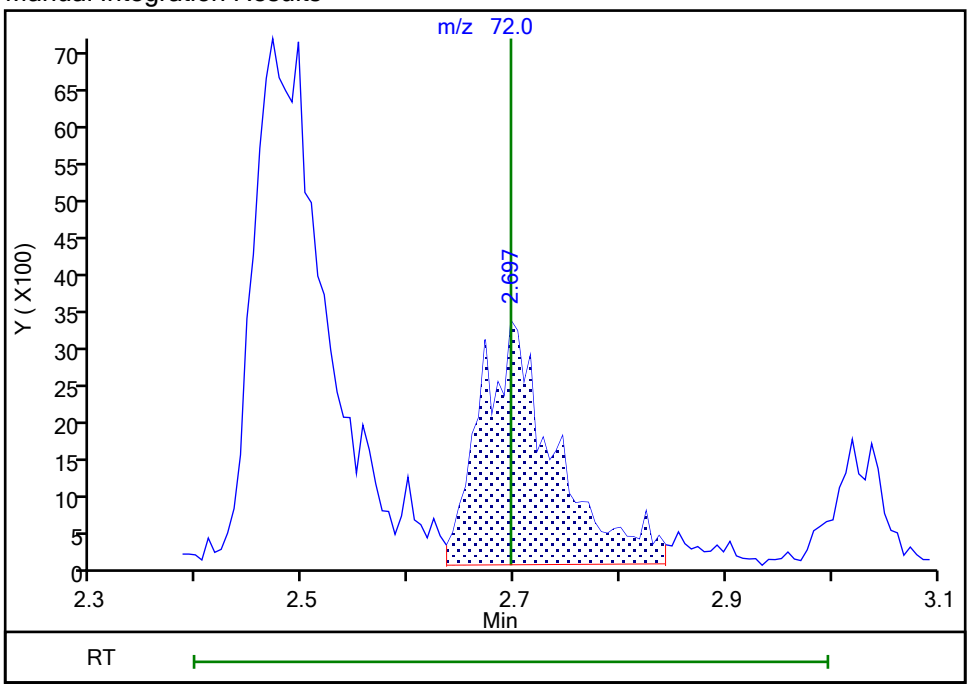
Processing Integration Results

RT: 2.70
Area: 11921
Amount: 34.419095
Amount Units: ug/l



Manual Integration Results

RT: 2.70
Area: 16209
Amount: 41.106061
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:11:54
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

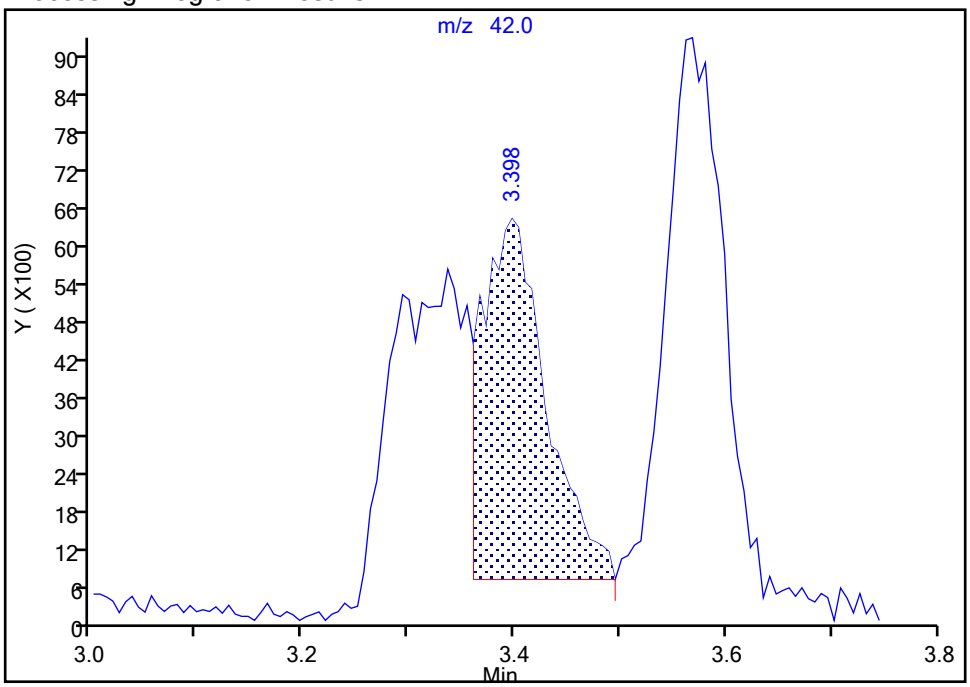
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

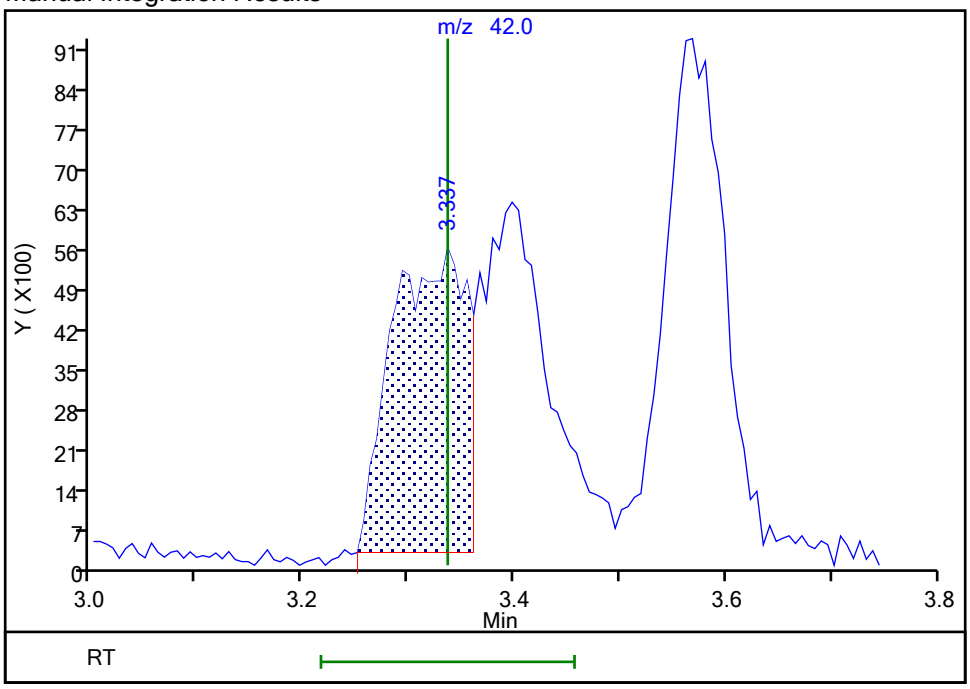
Processing Integration Results

RT: 3.40
Area: 24438
Amount: 558.8663
Amount Units: ug/l



Manual Integration Results

RT: 3.34
Area: 26404
Amount: 452.2453
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:12:11
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

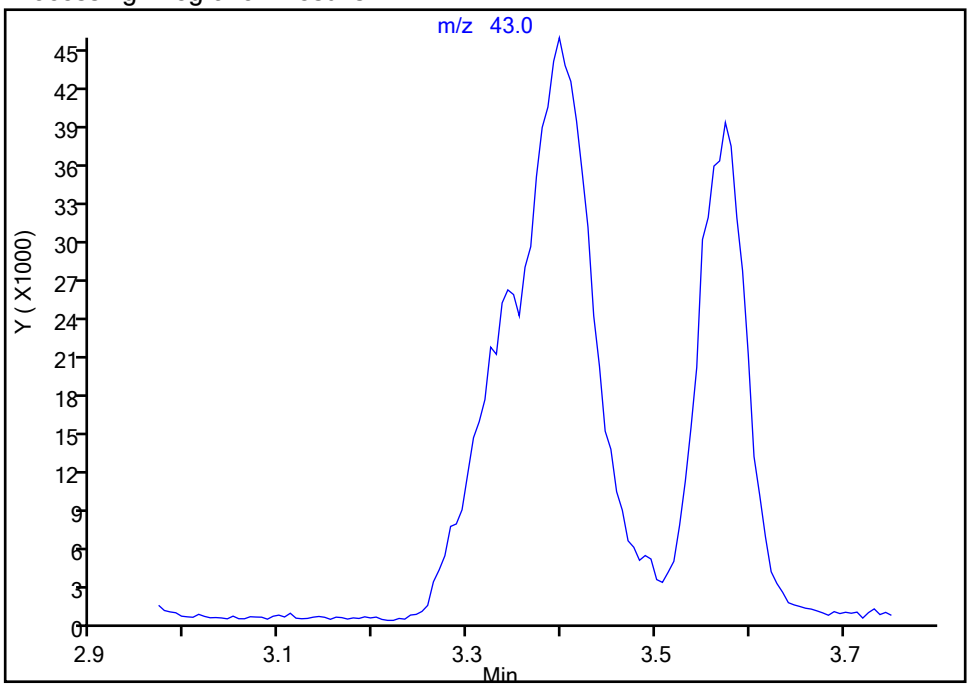
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

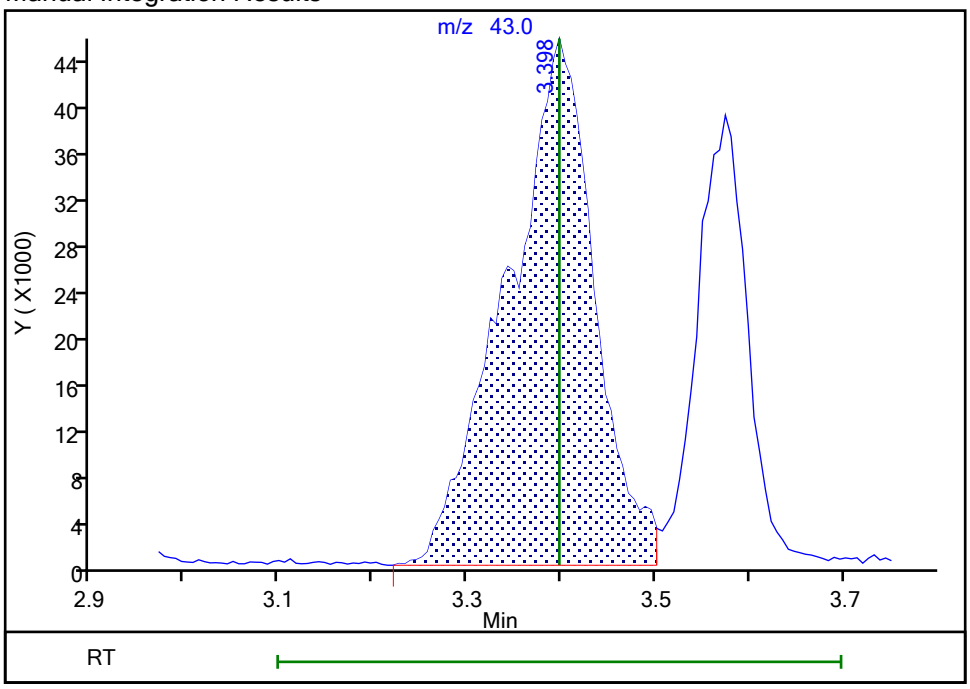
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.40
Area: 292539
Amount: 21.103984
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:12:18
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

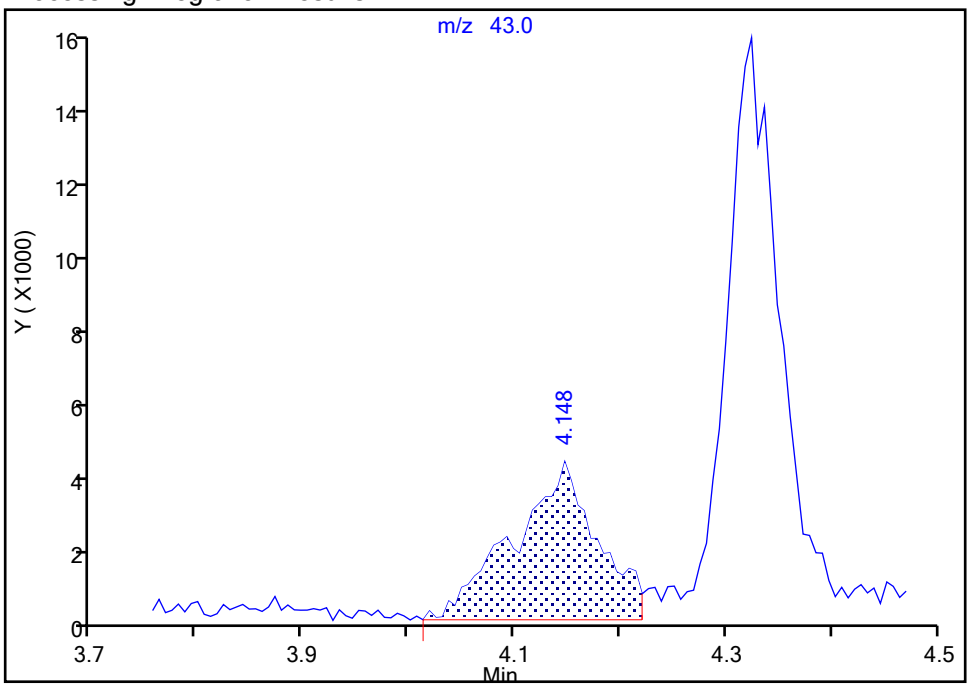
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

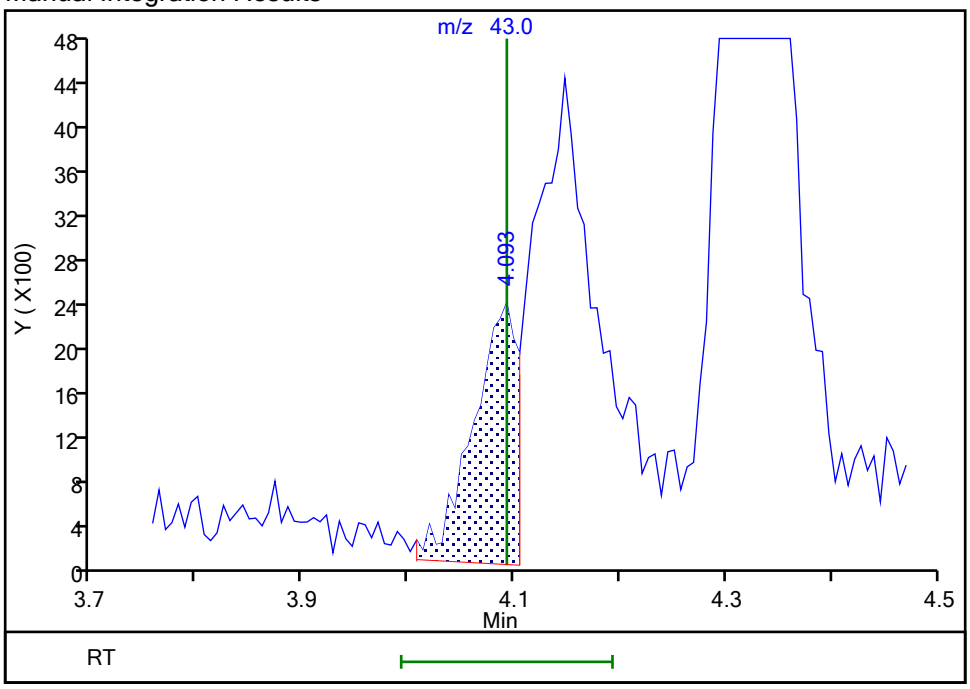
Processing Integration Results

RT: 4.15
Area: 23374
Amount: 687.5884
Amount Units: ug/l



Manual Integration Results

RT: 4.09
Area: 6998
Amount: 387.4996
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 13:21:46
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

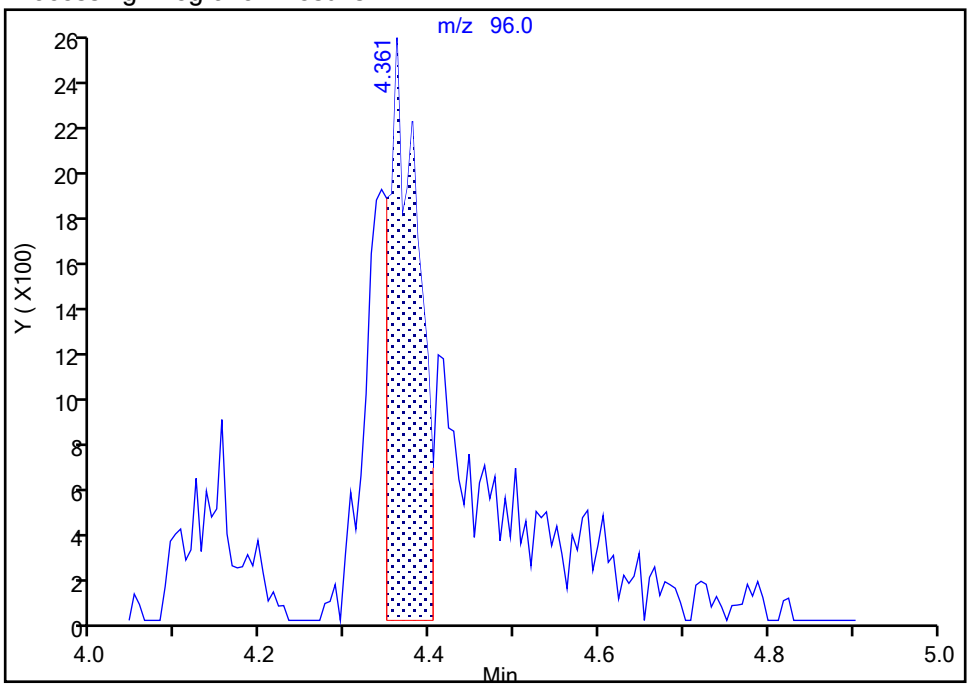
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

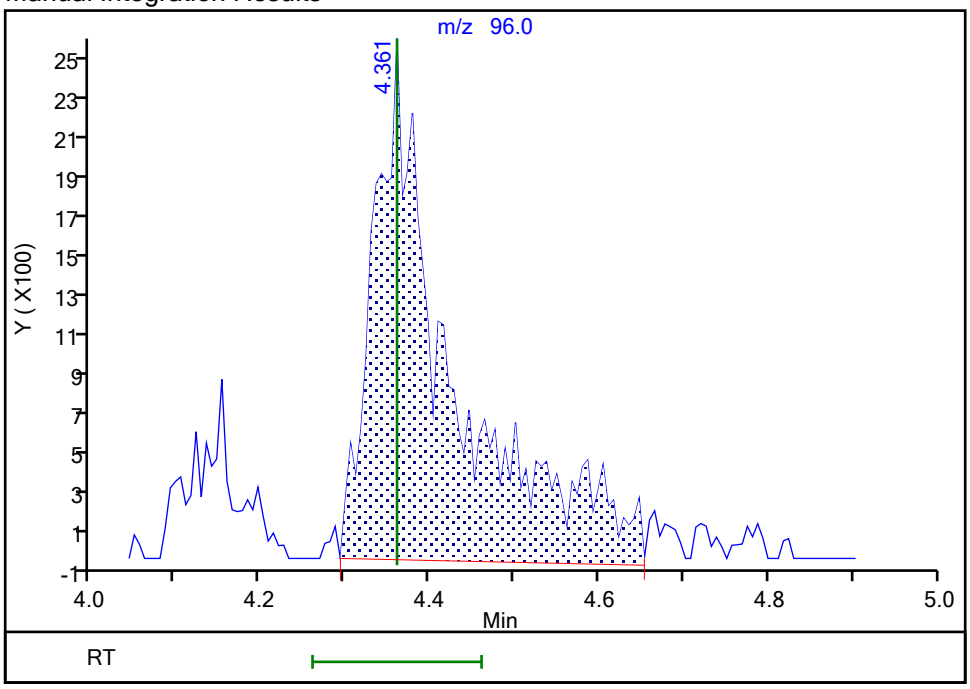
Processing Integration Results

RT: 4.36
Area: 6152
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.36
Area: 16065
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:08:32
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

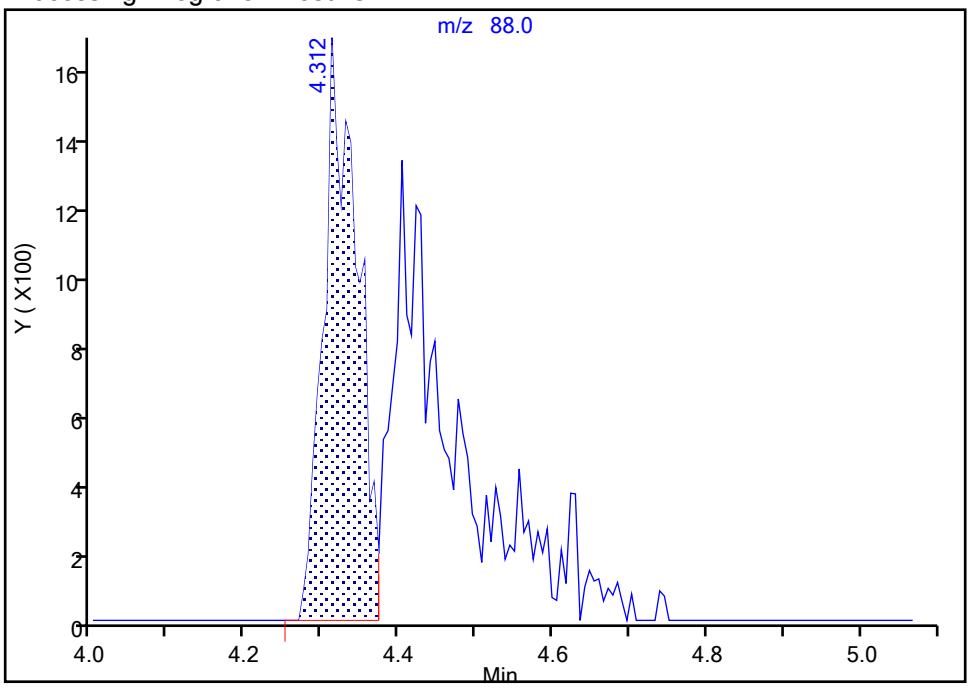
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

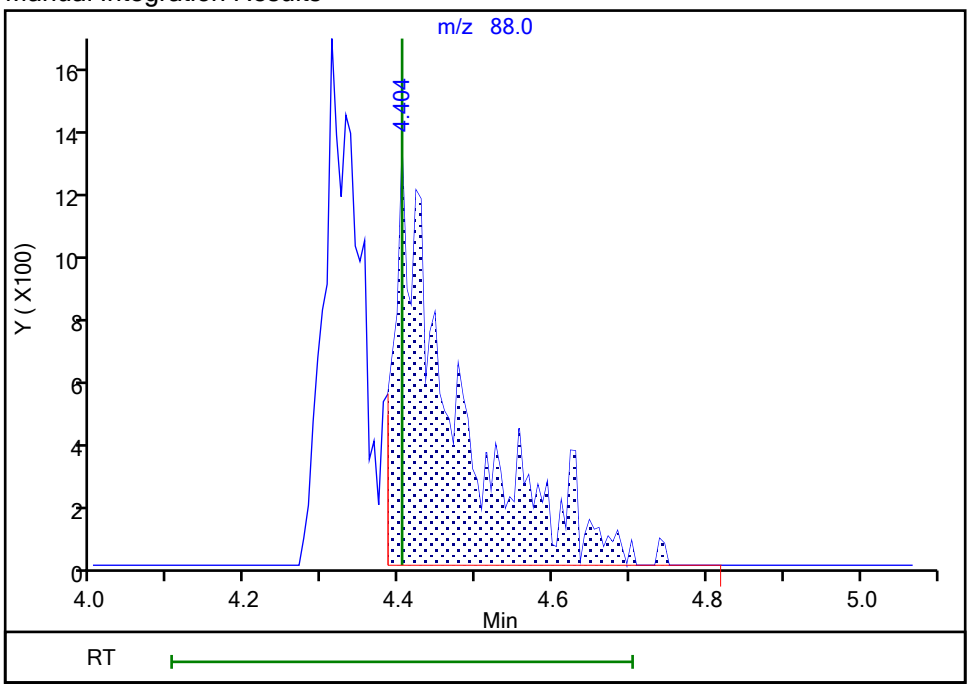
Processing Integration Results

RT: 4.31
Area: 5090
Amount: 400.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.40
Area: 7150
Amount: 382.3683
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:37:40
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

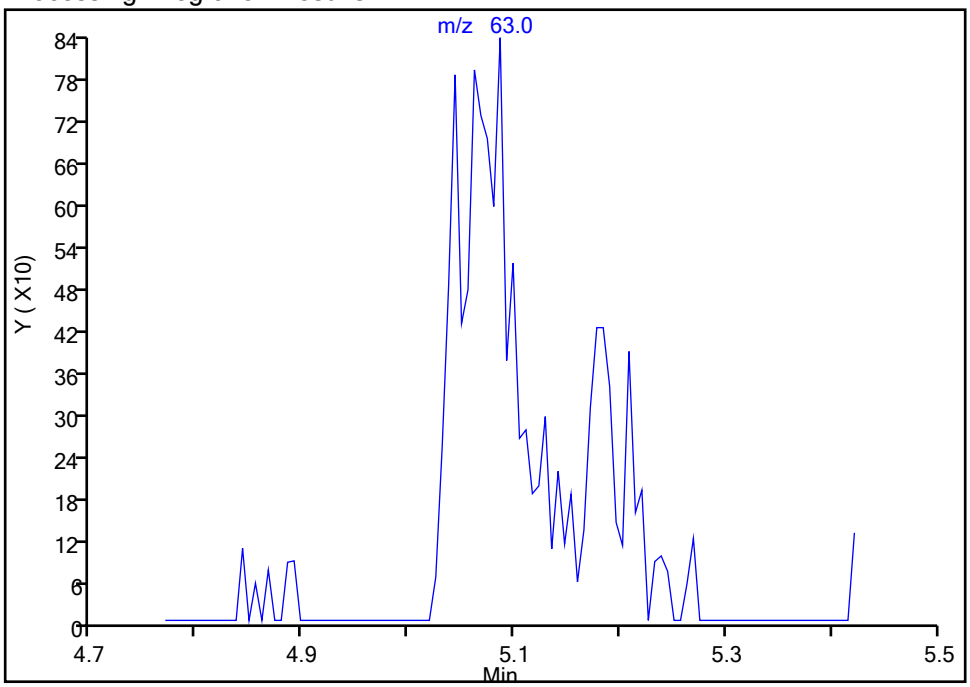
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

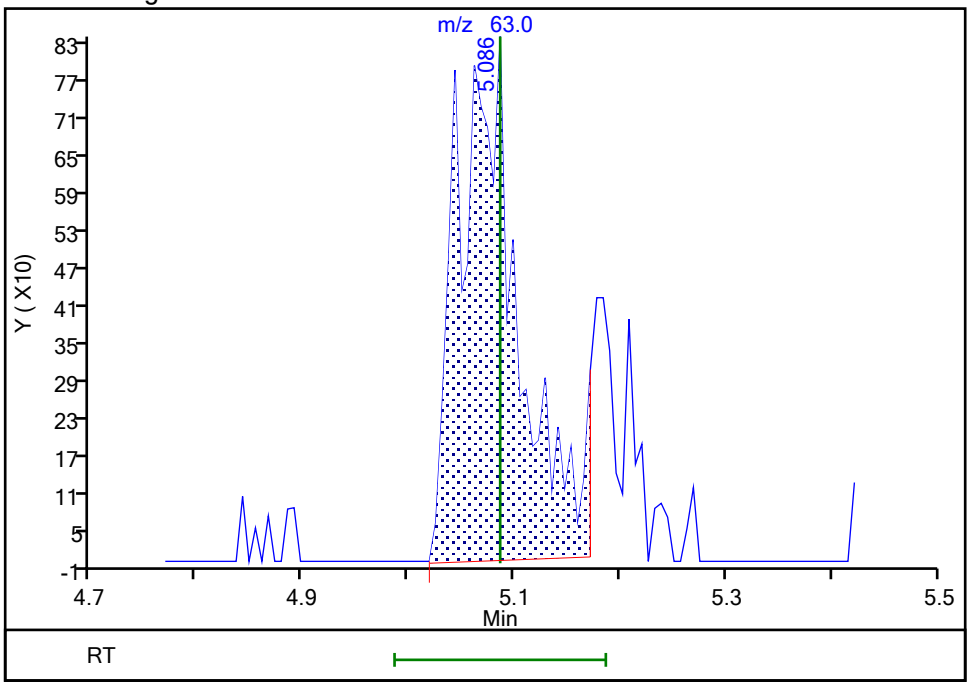
Not Detected
Expected RT: 5.09

Processing Integration Results



Manual Integration Results

RT: 5.09
Area: 3365
Amount: 12.625716
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:15:15
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

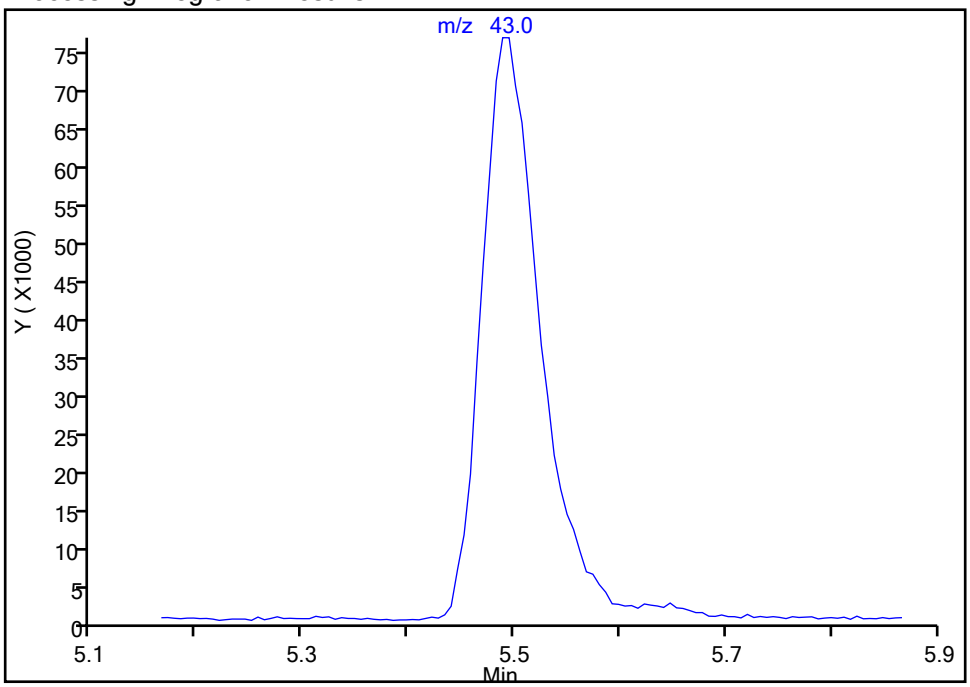
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

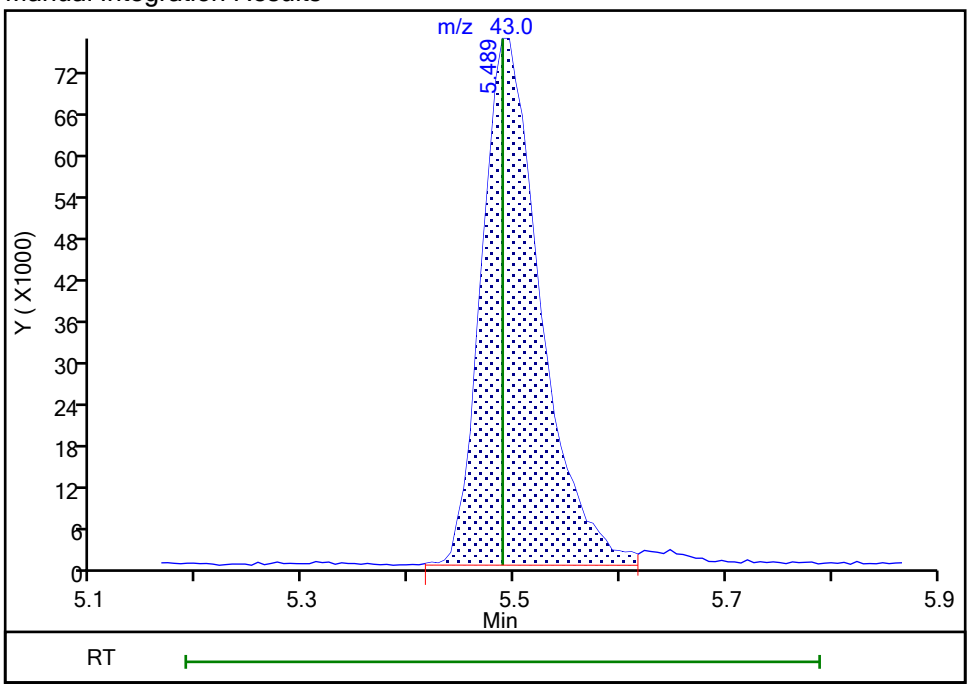
Not Detected
Expected RT: 5.49

Processing Integration Results



Manual Integration Results

RT: 5.49
Area: 296973
Amount: 100.9502
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:13:41
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 11-Mar-2021 11:12:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0125263-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:01:38 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 11-Mar-2021 11:44:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.697	0.685	0.012	98	430893	NC	NC	
4 Chlorodifluoromethane	67	0.703	0.691	0.012	95	46830	50.0	48.5	
3 Dichlorodifluoromethane	85	0.709	0.697	0.012	72	399857	50.0	51.3	
5 Chloromethane	50	0.788	0.776	0.012	99	359895	50.0	48.6	
6 Butadiene	54	0.813	0.801	0.012	97	244298	50.0	49.9	
7 Vinyl chloride	62	0.837	0.825	0.012	98	265129	50.0	49.7	
8 Bromomethane	94	0.965	0.953	0.012	99	199066	50.0	48.9	
9 Chloroethane	64	0.983	0.971	0.012	99	141681	50.0	47.0	
10 Dichlorofluoromethane	67	1.087	1.075	0.012	99	370171	50.0	47.7	
12 Pentane	72	1.105	1.099	0.006	95	61470	100.0	97.3	
11 Trichlorofluoromethane	101	1.124	1.112	0.012	97	368386	50.0	49.9	M
14 Ethanol	46	1.221	1.191	0.030	66	14222	2000.0	2103.6	
13 Ethyl ether	59	1.203	1.191	0.012	97	134045	50.0	50.3	
15 2-Methyl-1,3-butadiene	53	1.221	1.209	0.012	98	176498	50.0	49.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.239	1.240	-0.001	93	194362	50.0	48.4	
18 Acrolein	56	1.276	1.264	0.012	92	153195	400.0	403.0	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.270	1.276	-0.006	92	295138	50.0	48.3	a
19 1,1-Dichloroethene	96	1.325	1.319	0.006	98	188923	50.0	49.3	
21 Acetone	43	1.355	1.343	0.012	85	221867	250.0	221.6	
20 112TCTFE	101	1.367	1.355	0.012	97	227644	50.0	51.6	a
22 Iodomethane	142	1.404	1.392	0.012	98	405158	50.0	50.8	
23 Carbon disulfide	76	1.434	1.422	0.012	99	679707	50.0	49.4	
24 Isopropyl alcohol	45	1.453	1.441	0.012	96	94623	500.0	485.5	
25 3-Chloro-1-propene	39	1.520	1.508	0.012	92	251345	50.0	52.4	
26 Methyl acetate	43	1.538	1.532	0.006	99	256618	100.0	105.0	
27 Acetonitrile	39	1.563	1.550	0.012	27	111181	500.0	434.0	a
28 Methylene Chloride	84	1.593	1.587	0.006	91	210795	50.0	50.6	
* 29 TBA-d9 (IS)	65	1.654	1.642	0.012	0	292281	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.703	1.697	0.006	91	189130	500.0	523.4	a
31 Acrylonitrile	53	1.745	1.733	0.012	94	638462	500.0	502.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.752	1.746	0.006	95	217521	50.0	51.2	
33 Methyl tert-butyl ether	73	1.782	1.776	0.006	97	568034	50.0	51.6	
34 Hexane	57	1.940	1.928	0.012	93	316181	50.0	52.4	
35 1,1-Dichloroethane	63	2.026	2.020	0.006	100	371515	50.0	50.1	
36 Vinyl acetate	86	2.087	2.087	0.000	100	58070	100.0	95.2	
37 2-Chloro-1,3-butadiene	88	2.093	2.087	0.006	69	182427	50.0	50.0	
38 Isopropyl ether	45	2.117	2.099	0.018	92	654283	50.0	51.7	
39 Tert-butyl ethyl ether	87	2.392	2.373	0.019	89	241258	50.0	53.2	
* 40 2-Butanone-d5	46	2.446	2.428	0.018	0	324705	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.465	2.453	0.012	96	223952	50.0	50.5	
42 2,2-Dichloropropane	79	2.471	2.471	0.000	80	102892	50.0	51.0	
43 2-Butanone (MEK)	72	2.489	2.471	0.018	97	97612	250.0	214.5	
44 Propionitrile	54	2.538	2.532	0.006	94	216559	500.0	501.7	
45 Ethyl acetate	70	2.562	2.556	0.006	99	30219	100.0	98.3	
62 Methyl acrylate	55	2.587	2.569	0.018	99	187569	50.0	51.1	
46 Chlorobromomethane	128	2.654	2.648	0.006	88	114059	50.0	49.6	
47 Methacrylonitrile	67	2.660	2.654	0.006	93	704950	500.0	540.0	
48 Tetrahydrofuran	72	2.703	2.697	0.006	89	52237	100.0	103.7	
49 Chloroform	83	2.745	2.739	0.006	99	354116	50.0	49.0	
$ 50 Dibromofluoromethane (Surr)	113	2.879	2.873	0.006	95	189500	50.0	51.9	
51 1,1,1-Trichloroethane	97	2.892	2.879	0.013	99	334985	50.0	50.2	
52 Cyclohexane	84	2.934	2.922	0.012	93	327227	50.0	50.4	
54 1,1-Dichloropropene	75	3.032	3.026	0.006	96	277145	50.0	49.9	
53 Carbon tetrachloride	117	3.038	3.032	0.006	99	291847	50.0	49.4	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.184	3.172	0.012	0	201060	50.0	53.4	
56 Benzene	78	3.227	3.221	0.006	95	783256	50.0	48.8	
57 1,2-Dichloroethane	62	3.251	3.245	0.006	97	253954	50.0	50.3	
58 Isobutyl alcohol	42	3.288	3.337	-0.049	73	82526	1250.0	1113.6	a
59 Tert-amyl methyl ether	73	3.398	3.385	0.013	93	653422	50.0	54.1	
73 Isopropyl acetate	43	3.404	3.398	0.006	98	876172	50.0	57.3	
* 60 Fluorobenzene	96	3.526	3.520	0.006	98	642011	50.0	50.0	
61 n-Heptane	43	3.574	3.574	0.000	94	377933	50.0	51.6	
63 Trichloroethene	95	3.934	3.928	0.006	98	209795	50.0	50.5	
64 n-Butanol	43	4.056	4.093	-0.037	86	23566	1250.0	990.4	a
65 Methylcyclohexane	83	4.147	4.135	0.012	91	385276	50.0	51.0	
66 Ethyl acrylate	55	4.153	4.154	-0.001	96	530948	50.0	53.9	
67 1,2-Dichloropropane	63	4.184	4.184	0.000	94	205506	50.0	50.9	
68 Dibromomethane	93	4.318	4.318	0.000	92	119958	50.0	50.9	
* 69 1,4-Dioxane-d8	96	4.361	4.361	0.000	0	15324	1000.0	1000.0	
70 1,4-Dioxane	88	4.410	4.404	0.006	27	21909	1000.0	1228.3	a
71 Methyl methacrylate	100	4.452	4.440	0.012	94	93009	100.0	113.0	
72 Dichlorobromomethane	83	4.568	4.562	0.006	99	259217	50.0	50.3	
81 n-Propyl acetate	43	4.568	4.574	-0.006	84	245029	50.0	53.9	
74 2-Nitropropane	41	4.891	4.891	0.000	98	81895	100.0	109.5	
75 2-Chloroethyl vinyl ether	63	5.074	5.086	-0.012	31	13454	50.1	44.8	
76 Epichlorohydrin	57	5.092	5.086	0.006	100	167564	1000.0	862.7	
77 cis-1,3-Dichloropropene	75	5.196	5.184	0.012	94	305869	50.0	52.3	
78 4-Methyl-2-pentanone (MIBK)	43	5.495	5.489	0.006	97	921644	250.0	246.1	a
$ 79 Toluene-d8 (Surr)	98	5.556	5.550	0.006	99	688587	50.0	50.0	
80 Toluene	91	5.653	5.653	0.000	94	837007	50.0	48.4	
82 trans-1,3-Dichloropropene	75	6.080	6.080	0.000	97	266988	50.0	52.1	
83 1,1,2-Trichloroethane	83	6.342	6.342	0.000	94	137852	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.354	6.348	0.006	92	229645	50.0	56.6	
85 Tetrachloroethene	166	6.494	6.495	-0.001	97	247053	50.0	50.1	
86 1,3-Dichloropropane	76	6.592	6.586	0.006	95	278750	50.0	50.5	
87 2-Hexanone	43	6.879	6.879	0.000	97	650670	250.0	265.6	
88 Chlorodibromomethane	129	6.952	6.952	0.000	98	194017	50.0	50.5	
89 Ethylene Dibromide	107	7.068	7.062	0.006	97	172653	50.0	52.2	
90 n-Butyl acetate	73	7.220	7.214	0.006	99	43066	50.0	52.4	
* 91 Chlorobenzene-d5	117	7.958	7.958	0.000	85	518780	50.0	50.0	
92 Chlorobenzene	112	8.012	8.007	0.005	95	555071	50.0	49.8	
93 1,1,1,2-Tetrachloroethane	131	8.232	8.232	0.000	95	209356	50.0	49.5	
94 Ethylbenzene	106	8.311	8.305	0.006	98	308861	50.0	50.6	
95 m-Xylene & p-Xylene	106	8.561	8.561	0.000	99	374139	50.0	51.2	
96 o-Xylene	106	9.287	9.281	0.006	94	375640	50.0	51.6	
97 Styrene	104	9.329	9.323	0.006	96	629784	50.0	52.1	
98 n-Butyl acrylate	73	9.506	9.500	0.006	97	129747	50.0	55.6	
99 Bromoform	173	9.573	9.567	0.006	98	145679	50.0	52.2	
101 Amyl acetate (mixed isomers)	43	9.982	9.982	0.000	90	321681	50.0	55.4	
102 Isopropylbenzene	105	10.018	10.018	0.000	96	1030985	50.0	52.1	
$ 103 4-Bromofluorobenzene	174	10.225	10.226	-0.001	93	248625	50.0	49.6	
104 Bromobenzene	156	10.396	10.396	0.000	94	269575	50.0	50.6	
105 1,2,3-Trichloropropane	110	10.622	10.616	0.006	99	66480	50.0	47.7	
106 1,1,2,2-Tetrachloroethane	83	10.628	10.628	0.000	98	242992	50.0	51.3	
107 trans-1,4-Dichloro-2-butene	53	10.738	10.732	0.006	87	62150	50.0	54.9	
108 N-Propylbenzene	120	10.756	10.756	0.000	99	293641	50.0	50.3	
109 2-Chlorotoluene	126	10.805	10.799	0.006	97	256422	50.0	49.7	
110 4-Ethyltoluene	105	10.981	10.975	0.006	99	1030760	50.0	51.5	
111 4-Chlorotoluene	91	11.012	11.012	0.000	97	867204	50.0	50.3	
112 1,3,5-Trimethylbenzene	105	11.109	11.110	-0.001	93	871075	50.0	50.0	
100 Butyl Methacrylate	87	11.475	11.475	0.000	98	246437	50.0	47.4	
113 tert-Butylbenzene	119	11.634	11.640	-0.006	94	722110	50.0	51.3	
114 1,2,4-Trimethylbenzene	105	11.731	11.725	0.006	97	902913	50.0	50.7	
115 sec-Butylbenzene	105	12.054	12.054	0.000	99	1163227	50.0	50.8	
116 1,3-Dichlorobenzene	146	12.128	12.128	0.000	97	527209	50.0	49.3	
* 117 1,4-Dichlorobenzene-d4	152	12.286	12.280	0.006	95	322434	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.329	12.329	0.000	96	528895	50.0	48.9	
119 4-Isopropyltoluene	119	12.402	12.408	-0.006	98	1002968	50.0	50.1	
120 1,2,3-Trimethylbenzene	105	12.518	12.512	0.006	98	928935	50.0	50.9	
121 Benzyl chloride	126	12.664	12.664	0.000	98	57822	50.0	40.2	
122 2,3-Dihydroindene	117	12.804	12.804	0.000	94	914266	50.0	54.4	
123 1,2-Dichlorobenzene	146	12.944	12.945	-0.001	97	520590	50.0	50.2	
124 p-Diethylbenzene	119	13.042	13.042	0.000	93	558396	50.0	52.0	
125 n-Butylbenzene	92	13.066	13.066	0.000	97	572540	50.0	50.4	
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	95	54924	50.0	53.7	
127 1,2,4,5-Tetramethylbenzene	119	13.780	13.780	0.000	98	1007950	50.0	54.2	
128 1,3,5-Trichlorobenzene	180	13.926	13.926	0.000	98	453451	50.0	48.7	
129 1,2,4-Trichlorobenzene	180	14.359	14.359	0.000	94	414360	50.0	48.9	
130 Hexachlorobutadiene	225	14.499	14.499	0.000	96	226526	50.0	47.4	
131 Naphthalene	128	14.511	14.511	0.000	99	888276	50.0	52.8	
132 1,2,3-Trichlorobenzene	180	14.664	14.664	0.000	96	405072	50.0	49.8	
S 133 1,2-Dichloroethene, Total	100				0		100.0	101.7	
S 134 1,3-Dichloropropene, Total	100				0		100.0	104.4	
S 135 Xylenes, Total	100				0		100.0	102.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		250.0	250.5	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00120	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00133	Amount Added:	5.00	Units: uL	
524freon_00034	Amount Added:	5.00	Units: uL	
GASES Li_00411	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:01:40 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D

Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2 Operator ID:

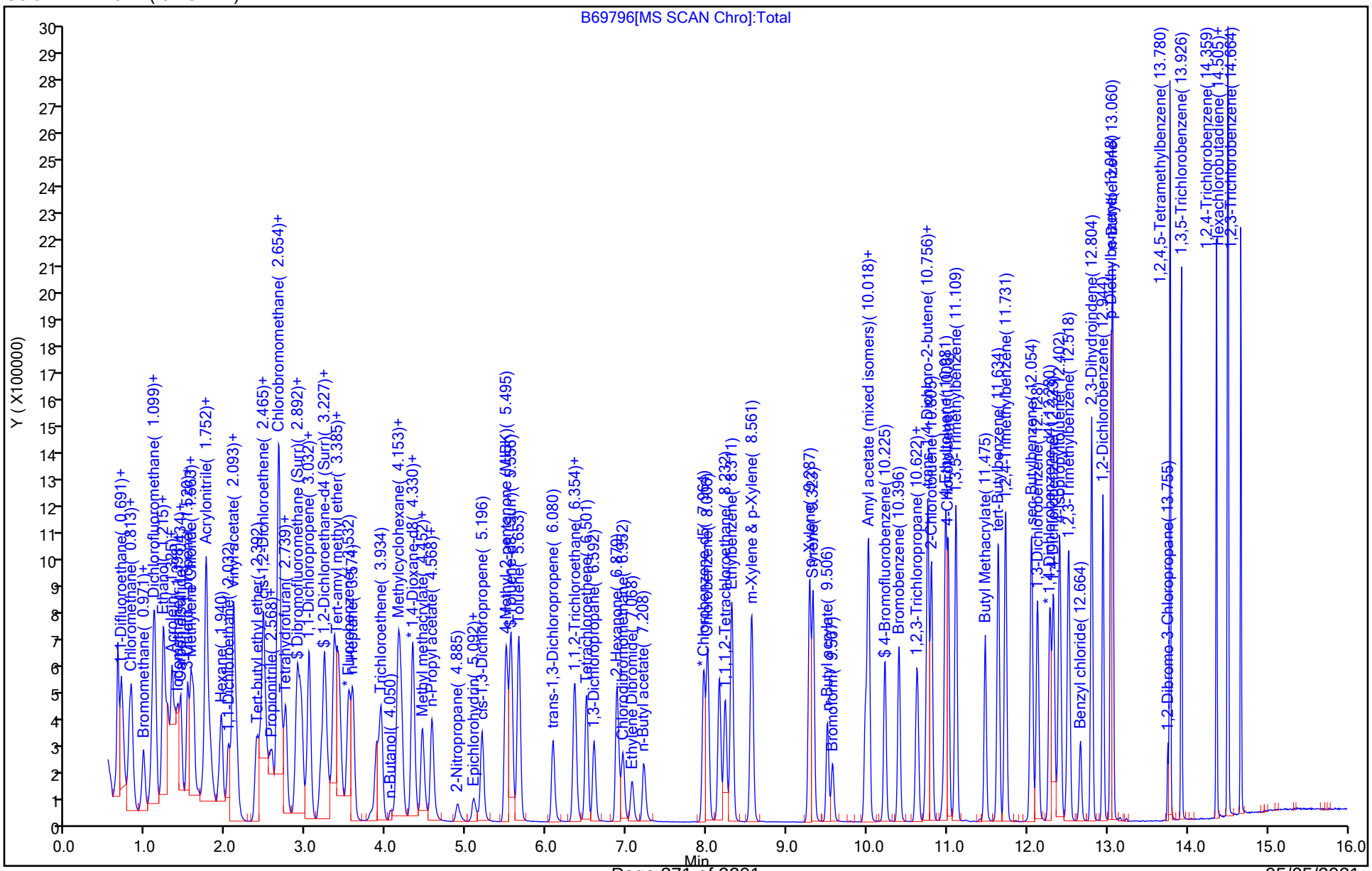
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

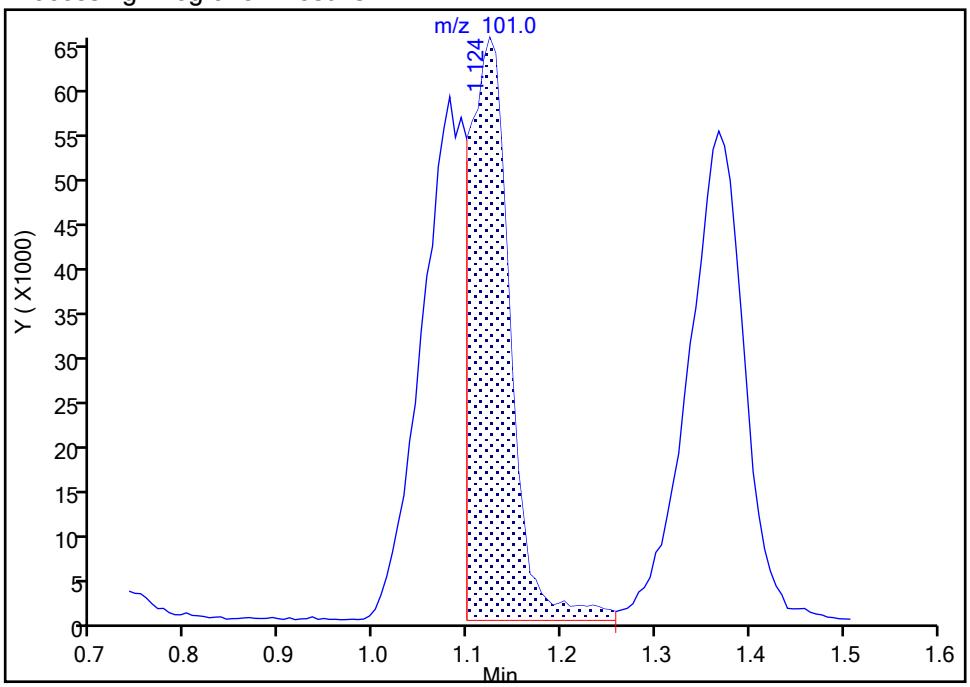
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

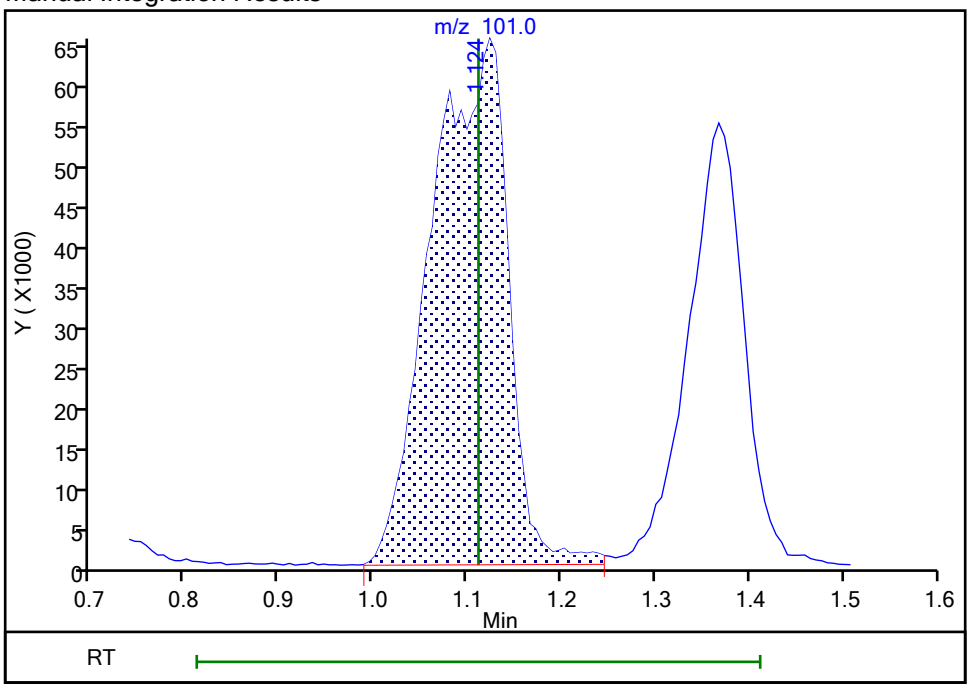
Processing Integration Results

RT: 1.12
Area: 197981
Amount: 32.996822
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 368386
Amount: 49.928854
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:42:33
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

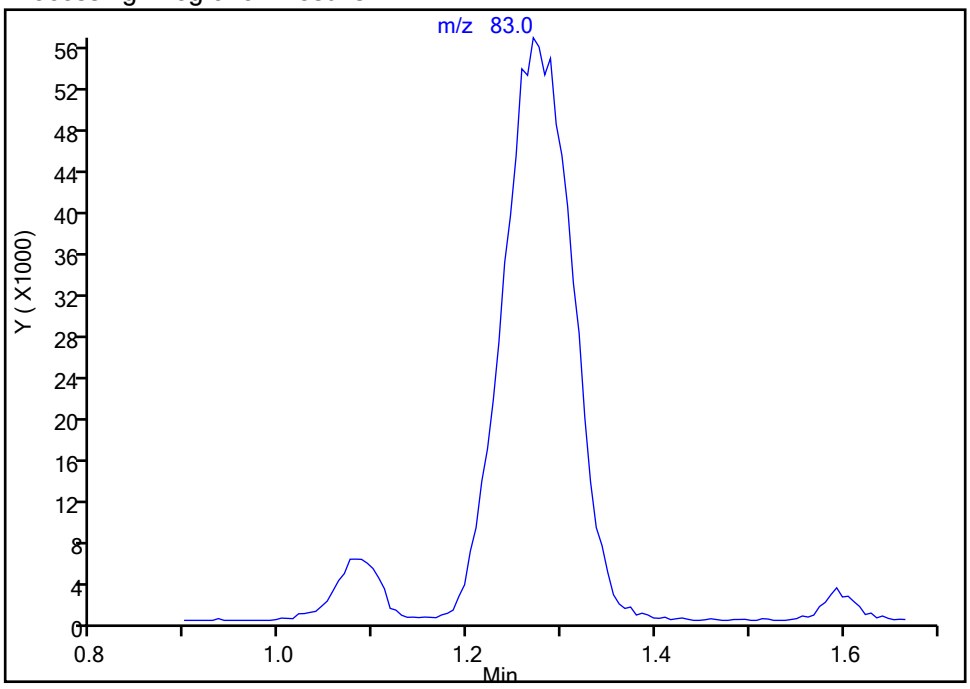
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

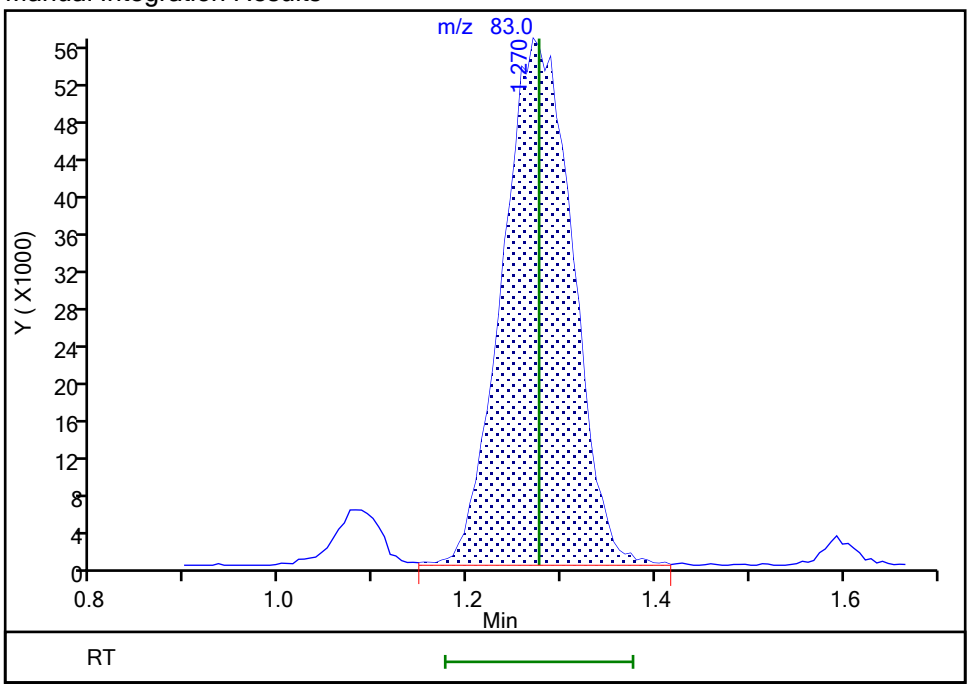
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.27
Area: 295138
Amount: 48.265320
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:42:45
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

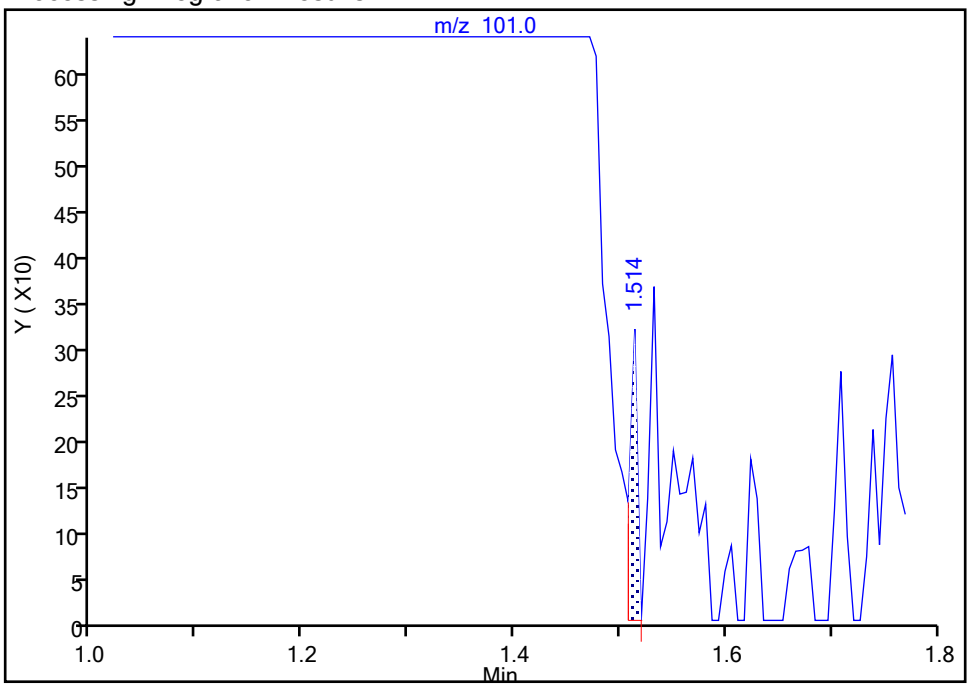
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

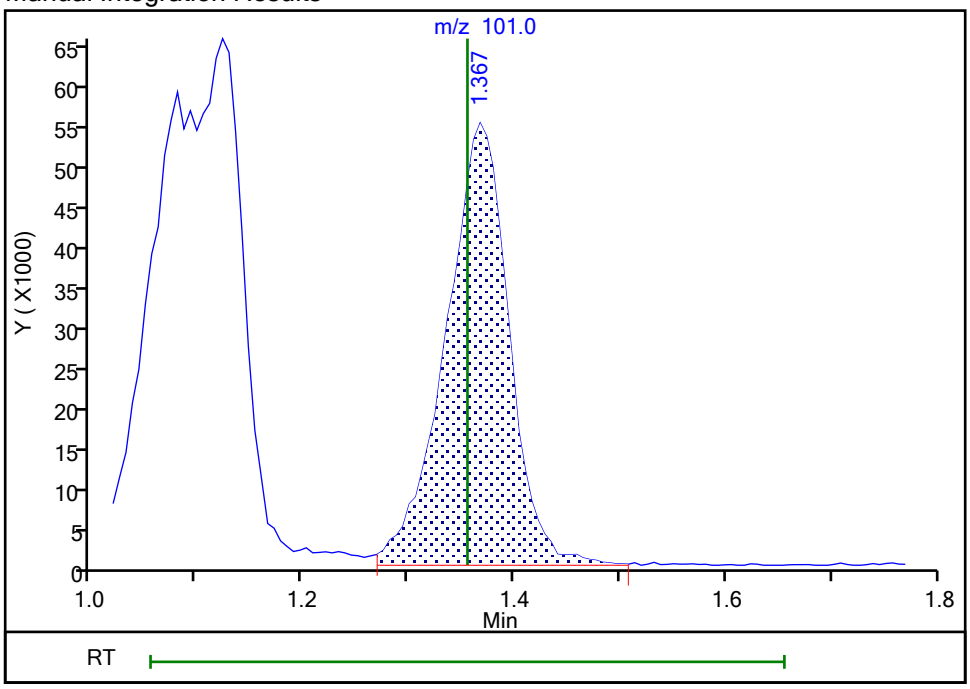
Processing Integration Results

RT: 1.51
Area: 163
Amount: 0.047795
Amount Units: ug/l



Manual Integration Results

RT: 1.37
Area: 227644
Amount: 51.599429
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:42:53
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

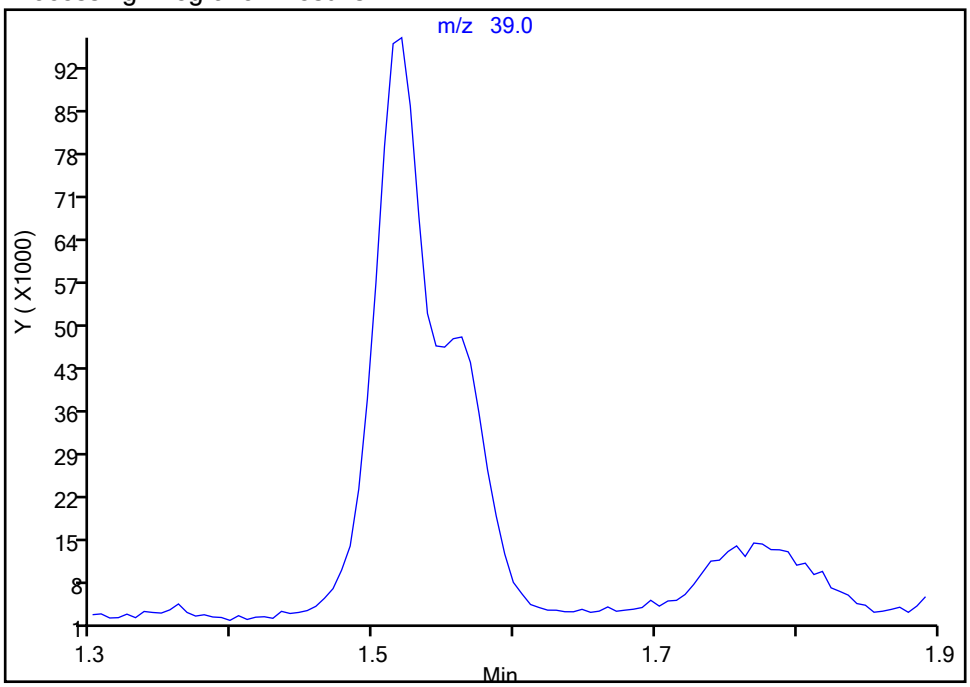
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

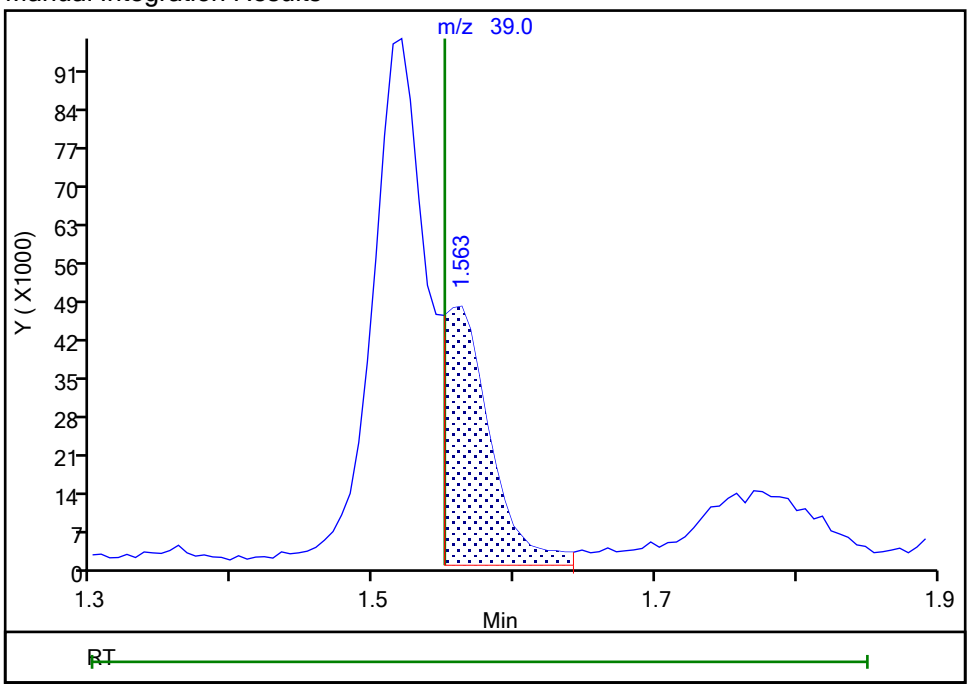
Not Detected
Expected RT: 1.55

Processing Integration Results



Manual Integration Results

RT: 1.56
Area: 111181
Amount: 434.0398
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:43:05
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

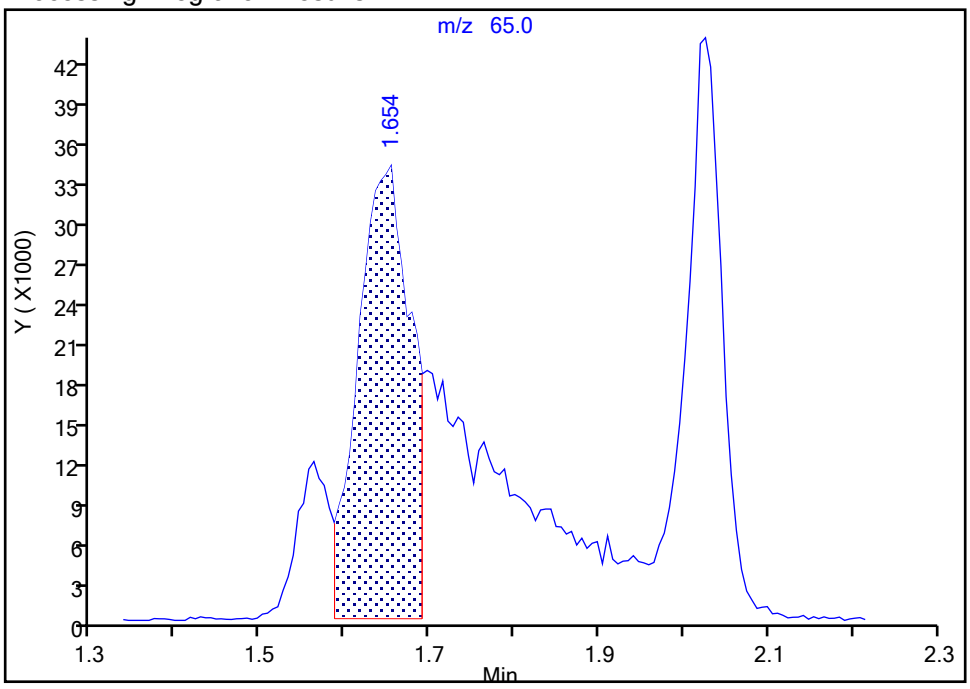
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

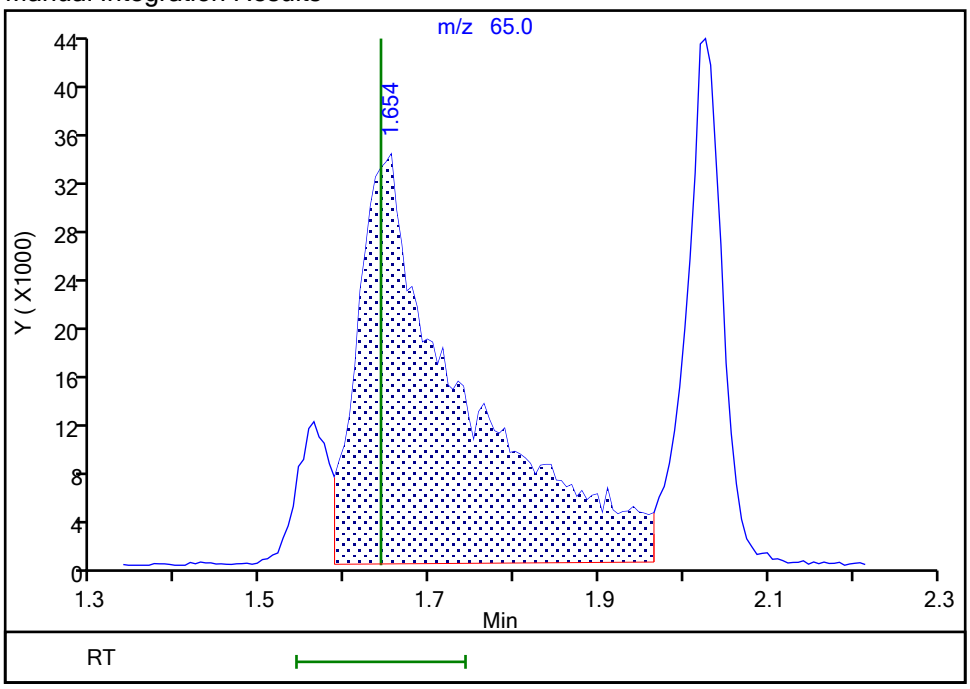
Processing Integration Results

RT: 1.65
Area: 146998
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 292281
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:41:53
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

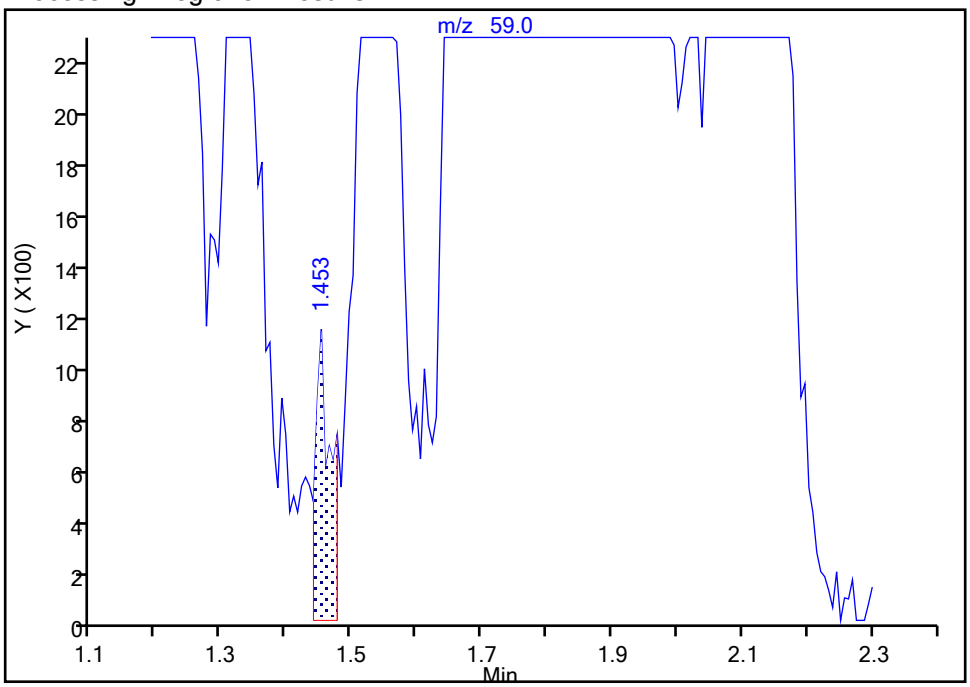
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

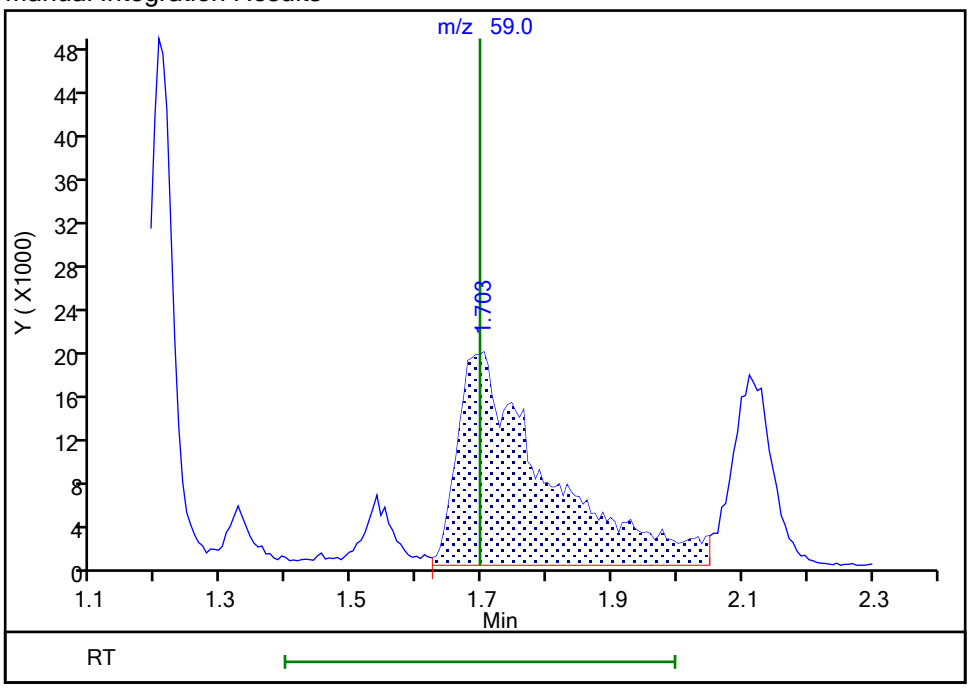
Processing Integration Results

RT: 1.45
Area: 1842
Amount: 7.571159
Amount Units: ug/l



Manual Integration Results

RT: 1.70
Area: 189130
Amount: 523.3832
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:43:13
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

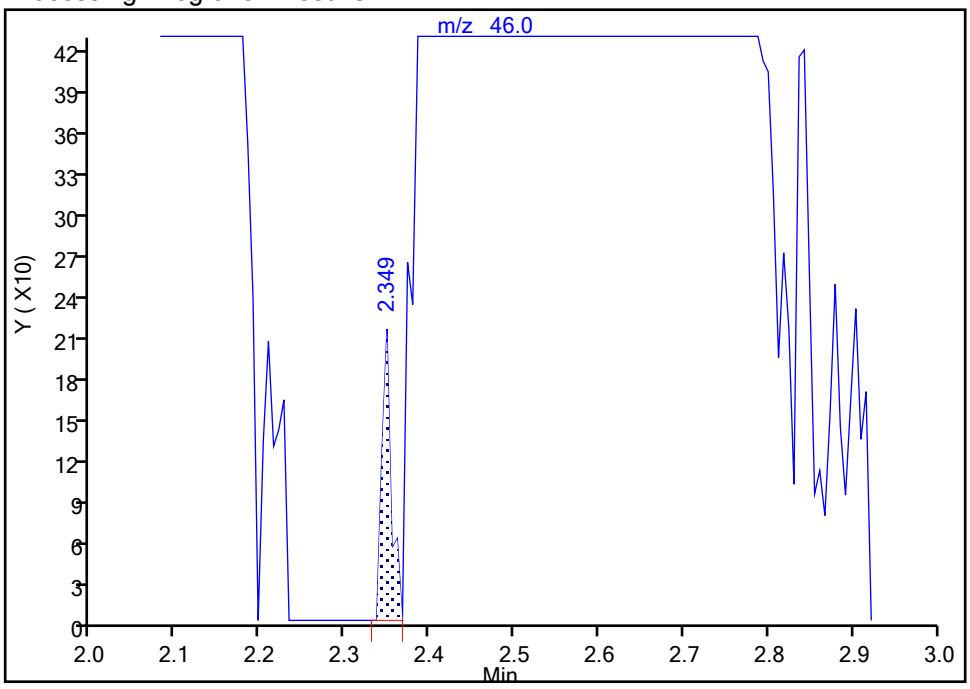
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

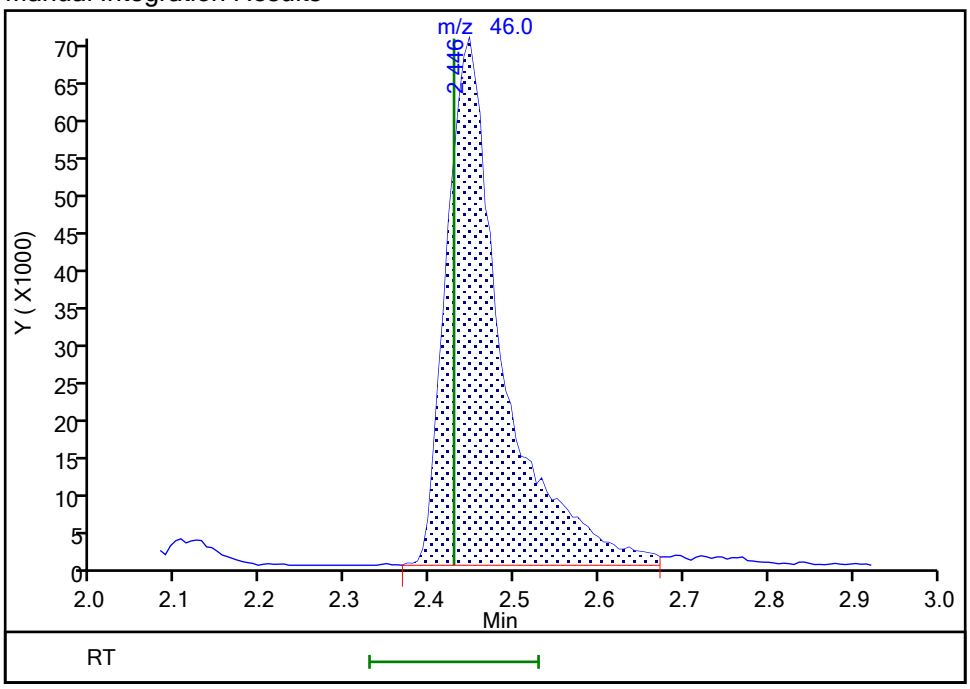
Processing Integration Results

RT: 2.35
Area: 164
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.45
Area: 324705
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:41:59
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

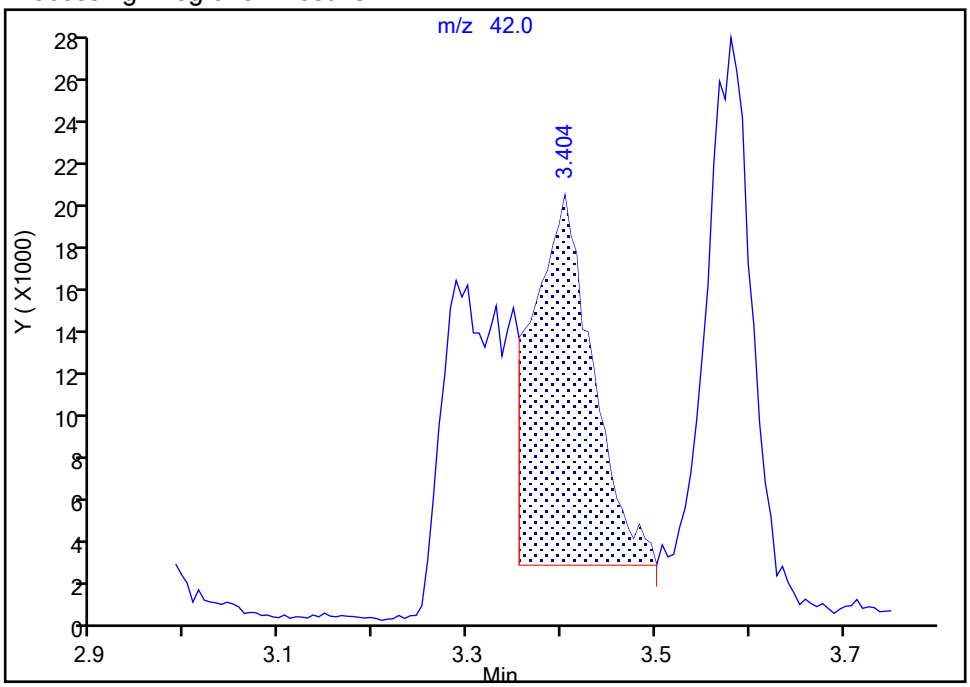
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

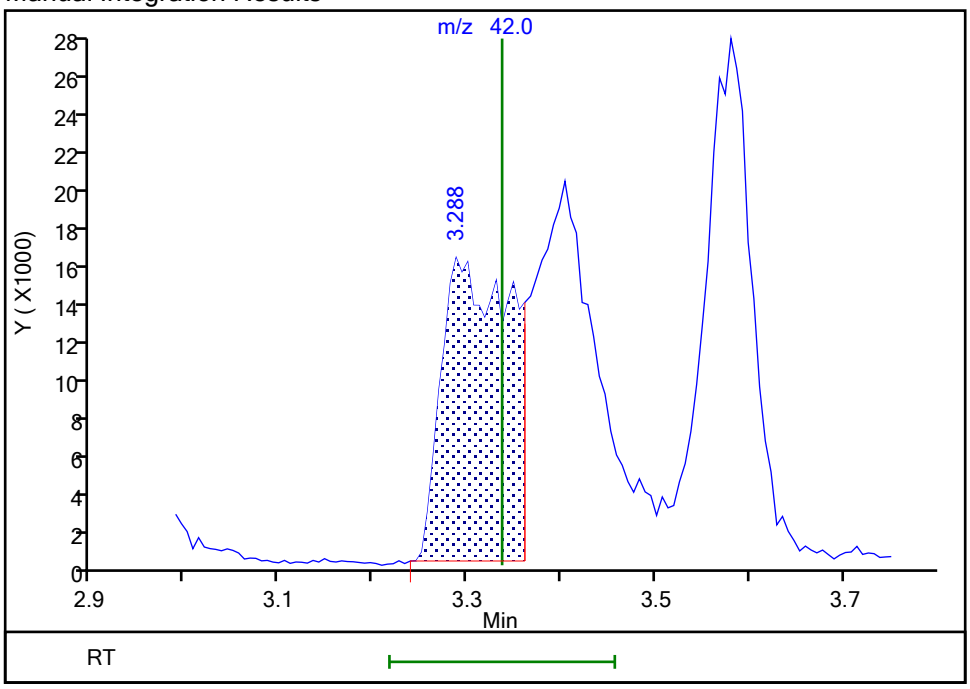
Processing Integration Results

RT: 3.40
Area: 78849
Amount: 1249.2597
Amount Units: ug/l



Manual Integration Results

RT: 3.29
Area: 82526
Amount: 1113.6022
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:43:39
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

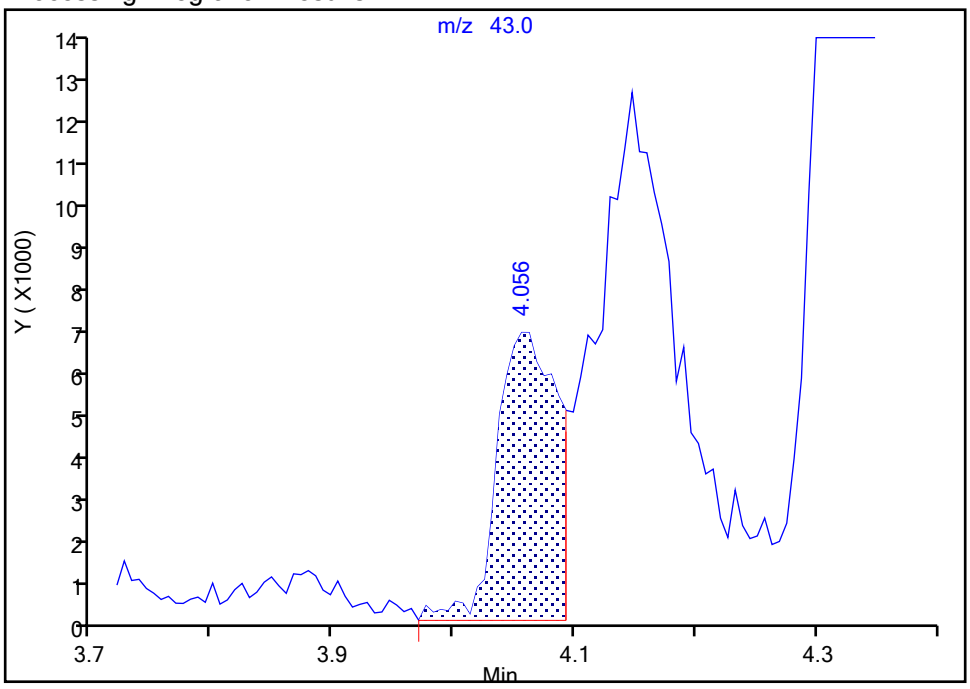
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

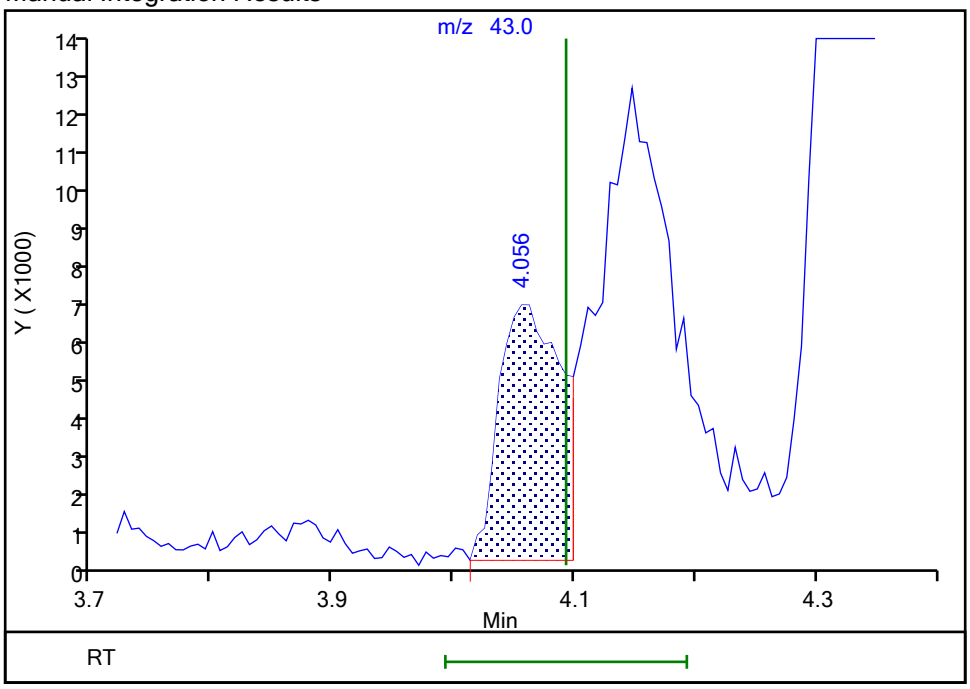
Processing Integration Results

RT: 4.06
Area: 23157
Amount: 533.3394
Amount Units: ug/l



Manual Integration Results

RT: 4.06
Area: 23566
Amount: 990.4478
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 13:19:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

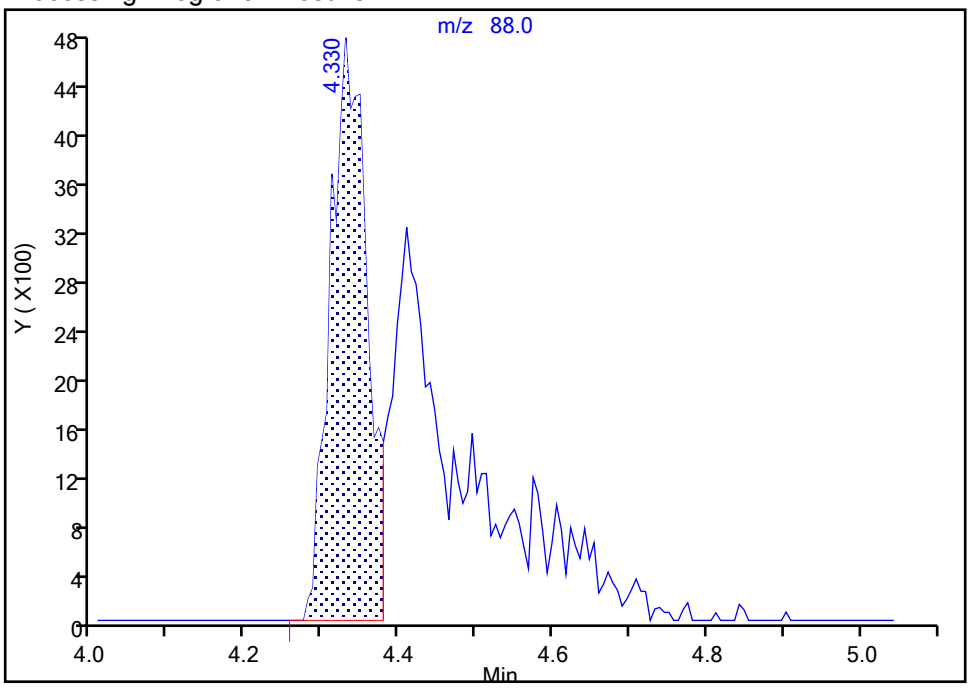
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

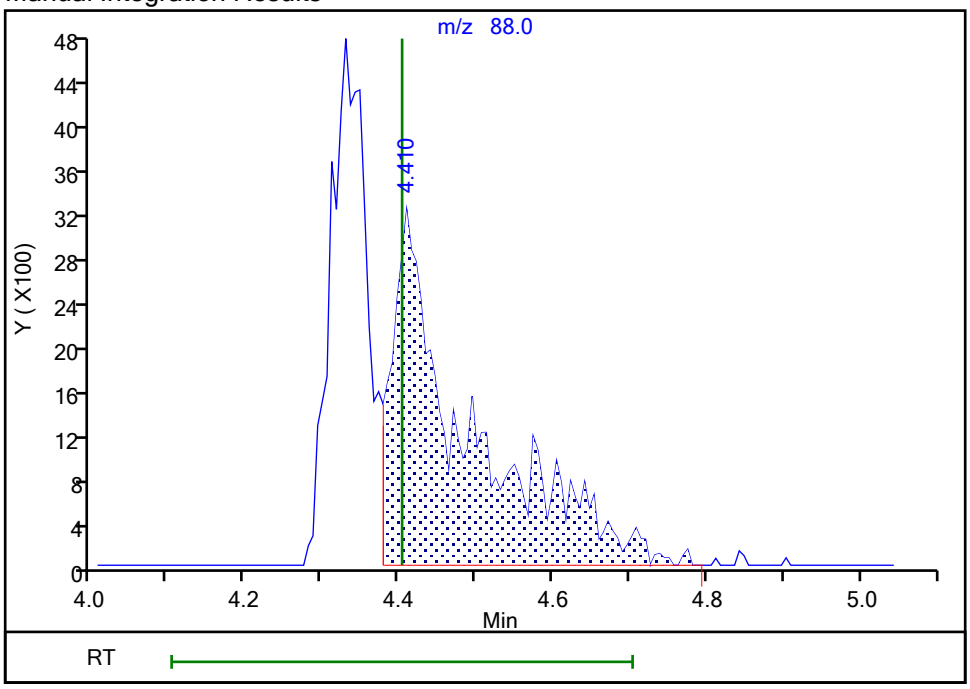
Processing Integration Results

RT: 4.33
Area: 15925
Amount: 1002.2932
Amount Units: ug/l



Manual Integration Results

RT: 4.41
Area: 21909
Amount: 1228.3072
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:44:02
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

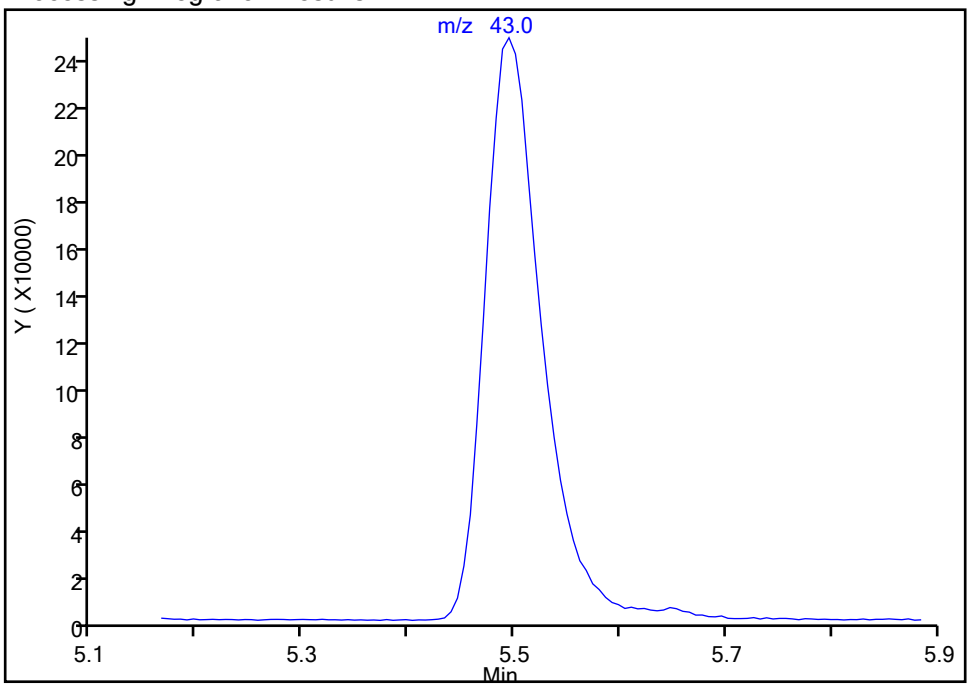
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

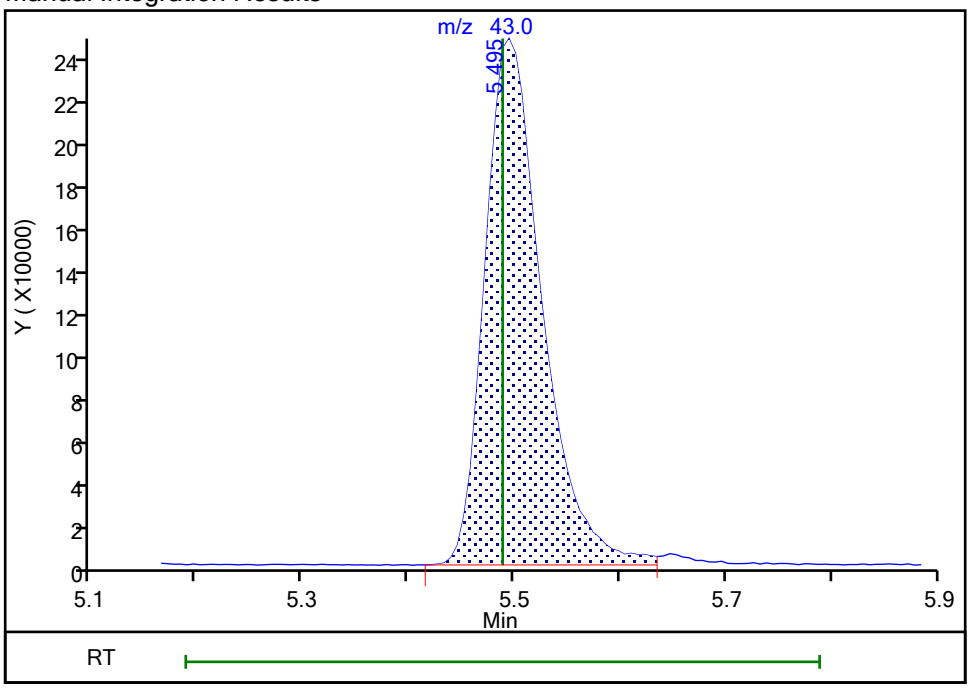
Not Detected
Expected RT: 5.49

Processing Integration Results



Manual Integration Results

RT: 5.49
Area: 921644
Amount: 246.0702
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:44:12
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 11-Mar-2021 11:37:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0125263-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:02:03 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: boykink Date: 11-Mar-2021 22:33:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.703	0.685	0.018	95	1845265	NC	NC	
4 Chlorodifluoromethane	67	0.709	0.691	0.018	97	195458	200.0	190.7	
3 Dichlorodifluoromethane	85	0.703	0.697	0.006	95	1665163	200.0	191.9	
5 Chloromethane	50	0.794	0.776	0.018	99	1546202	200.0	187.3	
6 Butadiene	54	0.819	0.801	0.018	94	998439	200.0	182.8	
7 Vinyl chloride	62	0.837	0.825	0.012	99	1129233	200.0	189.9	
8 Bromomethane	94	0.971	0.953	0.018	99	827948	200.0	182.5	
9 Chloroethane	64	0.983	0.971	0.012	99	593548	200.0	176.8	
10 Dichlorofluoromethane	67	1.087	1.075	0.012	99	1533485	200.0	177.5	
12 Pentane	72	1.111	1.099	0.012	95	253999	400.0	360.8	
11 Trichlorofluoromethane	101	1.124	1.112	0.012	97	1504166	200.0	183.0	
14 Ethanol	46	1.197	1.191	0.006	78	51122	8000.0	7910.0	
13 Ethyl ether	59	1.209	1.191	0.018	96	552323	200.0	185.9	
15 2-Methyl-1,3-butadiene	53	1.221	1.209	0.012	97	692074	200.0	174.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.246	1.240	0.006	92	818737	200.0	182.9	
18 Acrolein	56	1.276	1.264	0.012	79	178051	500.0	503.3	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.288	1.276	0.012	91	1215793	200.0	178.4	a
19 1,1-Dichloroethene	96	1.331	1.319	0.012	99	789790	200.0	185.1	
21 Acetone	43	1.355	1.343	0.012	86	1113233	1000.0	1081.2	
20 112TCTFE	101	1.368	1.355	0.013	96	909423	200.0	185.0	a
22 Iodomethane	142	1.410	1.392	0.018	97	1693817	200.0	190.5	
23 Carbon disulfide	76	1.441	1.422	0.019	100	2859048	200.0	186.6	
24 Isopropyl alcohol	45	1.459	1.441	0.018	96	382856	2000.0	2110.7	
25 3-Chloro-1-propene	39	1.520	1.508	0.012	91	1087719	200.0	203.6	
26 Methyl acetate	43	1.538	1.532	0.006	99	1126269	400.0	413.4	
27 Acetonitrile	39	1.569	1.550	0.019	25	398211	2000.0	1670.5	a
28 Methylene Chloride	84	1.599	1.587	0.012	91	864493	200.0	186.3	
* 29 TBA-d9 (IS)	65	1.648	1.642	0.006	0	272002	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.697	1.697	0.000	91	708310	2000.0	2106.3	a
31 Acrylonitrile	53	1.746	1.733	0.013	93	2207965	2000.0	1865.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.758	1.746	0.012	95	866325	200.0	183.0	
33 Methyl tert-butyl ether	73	1.794	1.776	0.018	97	2333425	200.0	190.3	
34 Hexane	57	1.941	1.928	0.013	94	1308494	200.0	194.7	
35 1,1-Dichloroethane	63	2.032	2.020	0.012	100	1572944	200.0	190.3	
36 Vinyl acetate	86	2.093	2.087	0.006	100	248213	400.0	395.7	
37 2-Chloro-1,3-butadiene	88	2.093	2.087	0.006	90	777969	200.0	191.3	
38 Isopropyl ether	45	2.123	2.099	0.024	95	2632703	200.0	186.8	
39 Tert-butyl ethyl ether	87	2.398	2.373	0.025	88	1004917	200.0	198.9	
* 40 2-Butanone-d5	46	2.447	2.428	0.019	0	333850	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.471	2.453	0.018	98	967303	200.0	195.8	
42 2,2-Dichloropropane	79	2.477	2.471	0.006	88	442914	200.0	197.0	
43 2-Butanone (MEK)	72	2.495	2.471	0.024	98	435428	1000.0	930.7	
44 Propionitrile	54	2.538	2.532	0.006	94	859320	2000.0	1936.1	
45 Ethyl acetate	70	2.569	2.556	0.013	99	127812	400.0	404.3	
62 Methyl acrylate	55	2.587	2.569	0.018	99	747536	200.0	182.9	
46 Chlorobromomethane	128	2.660	2.648	0.012	90	498274	200.0	194.6	
47 Methacrylonitrile	67	2.666	2.654	0.012	92	2788638	2000.0	1916.9	
48 Tetrahydrofuran	72	2.697	2.697	0.000	95	209064	400.0	398.5	
49 Chloroform	83	2.745	2.739	0.006	99	1533973	200.0	190.5	
$ 50 Dibromofluoromethane (Surr)	113	2.886	2.873	0.013	96	205358	50.0	50.5	
51 1,1,1-Trichloroethane	97	2.892	2.879	0.013	99	1431973	200.0	192.6	
52 Cyclohexane	84	2.940	2.922	0.018	92	1406465	200.0	194.5	
54 1,1-Dichloropropene	75	3.038	3.026	0.012	96	1235560	200.0	199.8	
53 Carbon tetrachloride	117	3.044	3.032	0.012	98	1283606	200.0	194.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.184	3.172	0.012	0	213929	50.0	51.0	
56 Benzene	78	3.233	3.221	0.012	95	3449538	200.0	201.3	
57 1,2-Dichloroethane	62	3.257	3.245	0.012	98	1103655	200.0	196.2	
58 Isobutyl alcohol	42	3.404	3.337	0.067	68	338012	5000.0	4901.2	
59 Tert-amyl methyl ether	73	3.410	3.385	0.025	83	2722092	200.0	202.2	
73 Isopropyl acetate	43	3.410	3.398	0.012	95	3352254	200.0	196.8	a
* 60 Fluorobenzene	96	3.532	3.520	0.012	99	715377	50.0	50.0	a
61 n-Heptane	43	3.581	3.574	0.007	94	1660581	200.0	203.5	
63 Trichloroethene	95	3.940	3.928	0.012	98	951145	200.0	205.4	
64 n-Butanol	43	4.032	4.093	-0.061	89	140293	5000.0	5077.0	
65 Methylcyclohexane	83	4.154	4.135	0.019	90	1729683	200.0	205.4	
66 Ethyl acrylate	55	4.160	4.154	0.006	96	2266867	200.0	206.4	
67 1,2-Dichloropropane	63	4.190	4.184	0.006	93	909334	200.0	202.3	
68 Dibromomethane	93	4.330	4.318	0.012	94	531922	200.0	202.7	
* 69 1,4-Dioxane-d8	96	4.361	4.361	0.000	0	17026	1000.0	1000.0	
70 1,4-Dioxane	88	4.410	4.404	0.006	85	92235	4000.0	4654.1	M
71 Methyl methacrylate	100	4.452	4.440	0.012	95	397959	400.0	434.1	
72 Dichlorobromomethane	83	4.574	4.562	0.012	99	1169452	200.0	203.7	
81 n-Propyl acetate	43	4.568	4.574	-0.006	99	1053735	200.0	208.2	
74 2-Nitropropane	41	4.891	4.891	0.000	97	353922	400.0	424.6	
75 2-Chloroethyl vinyl ether	63	5.068	5.086	-0.018	92	74843	200.5	203.2	
76 Epichlorohydrin	57	5.092	5.086	0.006	100	870443	4000.0	4061.2	
77 cis-1,3-Dichloropropene	75	5.196	5.184	0.012	94	1389063	200.0	222.4	
78 4-Methyl-2-pentanone (MIBK)	43	5.495	5.489	0.006	97	3838881	1000.0	996.9	
$ 79 Toluene-d8 (Surr)	98	5.556	5.550	0.006	95	788431	50.0	53.6	
80 Toluene	91	5.653	5.653	0.000	93	3748781	200.0	203.1	
82 trans-1,3-Dichloropropene	75	6.080	6.080	0.000	98	1219069	200.0	222.9	
83 1,1,2-Trichloroethane	83	6.342	6.342	0.000	94	595608	200.0	203.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.354	6.348	0.006	95	1023487	200.0	226.3	
85 Tetrachloroethene	166	6.501	6.495	0.006	98	1090024	200.0	206.9	
86 1,3-Dichloropropane	76	6.592	6.586	0.006	95	1215664	200.0	206.3	
87 2-Hexanone	43	6.879	6.879	0.000	97	2787250	1000.0	1106.6	
88 Chlorodibromomethane	129	6.958	6.952	0.006	98	885291	200.0	216.0	
89 Ethylene Dibromide	107	7.068	7.062	0.006	98	752095	200.0	213.1	
90 n-Butyl acetate	73	7.214	7.214	0.000	99	186728	200.0	212.7	
* 91 Chlorobenzene-d5	117	7.964	7.958	0.006	84	553873	50.0	50.0	
92 Chlorobenzene	112	8.013	8.007	0.006	95	2457390	200.0	206.4	
93 1,1,1,2-Tetrachloroethane	131	8.232	8.232	0.000	95	982226	200.0	217.4	
94 Ethylbenzene	106	8.317	8.305	0.012	98	1403028	200.0	215.1	
95 m-Xylene & p-Xylene	106	8.561	8.561	0.000	99	1708694	200.0	219.1	
96 o-Xylene	106	9.287	9.281	0.006	94	1713635	200.0	220.3	
97 Styrene	104	9.329	9.323	0.006	96	2854199	200.0	221.3	
98 n-Butyl acrylate	73	9.506	9.500	0.006	97	571178	200.0	229.1	
99 Bromoform	173	9.567	9.567	0.000	98	650689	200.0	218.4	
101 Amyl acetate (mixed isomers)	43	9.976	9.982	-0.006	90	1393812	200.0	225.6	
102 Isopropylbenzene	105	10.018	10.018	0.000	95	4722293	200.0	223.3	
$ 103 4-Bromofluorobenzene	174	10.226	10.226	0.000	94	282761	50.0	53.0	
104 Bromobenzene	156	10.402	10.396	0.006	95	1165543	200.0	205.5	
105 1,2,3-Trichloropropane	110	10.616	10.616	0.000	98	281916	200.0	189.9	
106 1,1,2,2-Tetrachloroethane	83	10.634	10.628	0.006	98	1024674	200.0	203.3	
107 trans-1,4-Dichloro-2-butene	53	10.732	10.732	0.000	90	279042	200.0	231.4	
108 N-Propylbenzene	120	10.762	10.756	0.006	100	1311870	200.0	211.1	
109 2-Chlorotoluene	126	10.811	10.799	0.012	97	1157306	200.0	210.8	
110 4-Ethyltoluene	105	10.982	10.975	0.007	98	4490099	200.0	210.8	
111 4-Chlorotoluene	91	11.012	11.012	0.000	98	3806258	200.0	207.4	
112 1,3,5-Trimethylbenzene	105	11.116	11.110	0.006	94	4094410	200.0	220.6	
100 Butyl Methacrylate	87	11.475	11.475	0.000	99	1141156	200.0	201.7	
113 tert-Butylbenzene	119	11.640	11.640	0.000	95	3454061	200.0	230.4	
114 1,2,4-Trimethylbenzene	105	11.731	11.725	0.006	97	4146579	200.0	218.7	
115 sec-Butylbenzene	105	12.054	12.054	0.000	99	5457649	200.0	224.0	
116 1,3-Dichlorobenzene	146	12.134	12.128	0.006	97	2330350	200.0	204.9	
* 117 1,4-Dichlorobenzene-d4	152	12.286	12.280	0.006	95	343243	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.329	12.329	0.000	95	2305437	200.0	200.1	
119 4-Isopropyltoluene	119	12.408	12.408	0.000	98	4751588	200.0	222.9	
120 1,2,3-Trimethylbenzene	105	12.518	12.512	0.006	98	4189165	200.0	215.6	
121 Benzyl chloride	126	12.664	12.664	0.000	99	336958	200.0	204.4	
122 2,3-Dihydroindene	117	12.804	12.804	0.000	94	3990699	200.0	212.9	
123 1,2-Dichlorobenzene	146	12.945	12.945	0.000	97	2309219	200.0	209.1	
124 p-Diethylbenzene	119	13.048	13.042	0.006	94	2462456	200.0	215.2	
125 n-Butylbenzene	92	13.066	13.066	0.000	97	2586075	200.0	213.9	
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	96	252356	200.0	231.6	
127 1,2,4,5-Tetramethylbenzene	119	13.786	13.780	0.006	98	4605024	200.0	232.5	
128 1,3,5-Trichlorobenzene	180	13.926	13.926	0.000	98	2079484	200.0	209.9	
129 1,2,4-Trichlorobenzene	180	14.365	14.359	0.006	94	1956056	200.0	216.6	
130 Hexachlorobutadiene	225	14.505	14.499	0.006	97	1127451	200.0	221.4	
131 Naphthalene	128	14.511	14.511	0.000	99	4307619	200.0	240.6	
132 1,2,3-Trichlorobenzene	180	14.670	14.664	0.006	96	1892566	200.0	218.6	
S 133 1,2-Dichloroethene, Total	100				0		400.0	378.8	
S 134 1,3-Dichloropropene, Total	100				0		400.0	445.3	
S 135 Xylenes, Total	100				0		400.0	439.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		1000.0	1058.8	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00120	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00108	Amount Added:	2.00	Units: uL	
8FreonHi_00029	Amount Added:	2.00	Units: uL	
Ethanol mix_00050	Amount Added:	2.00	Units: uL	
GAS Hi_00383	Amount Added:	2.00	Units: uL	
MIX I Hi_00135	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:02:05 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D

Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2 Operator ID:

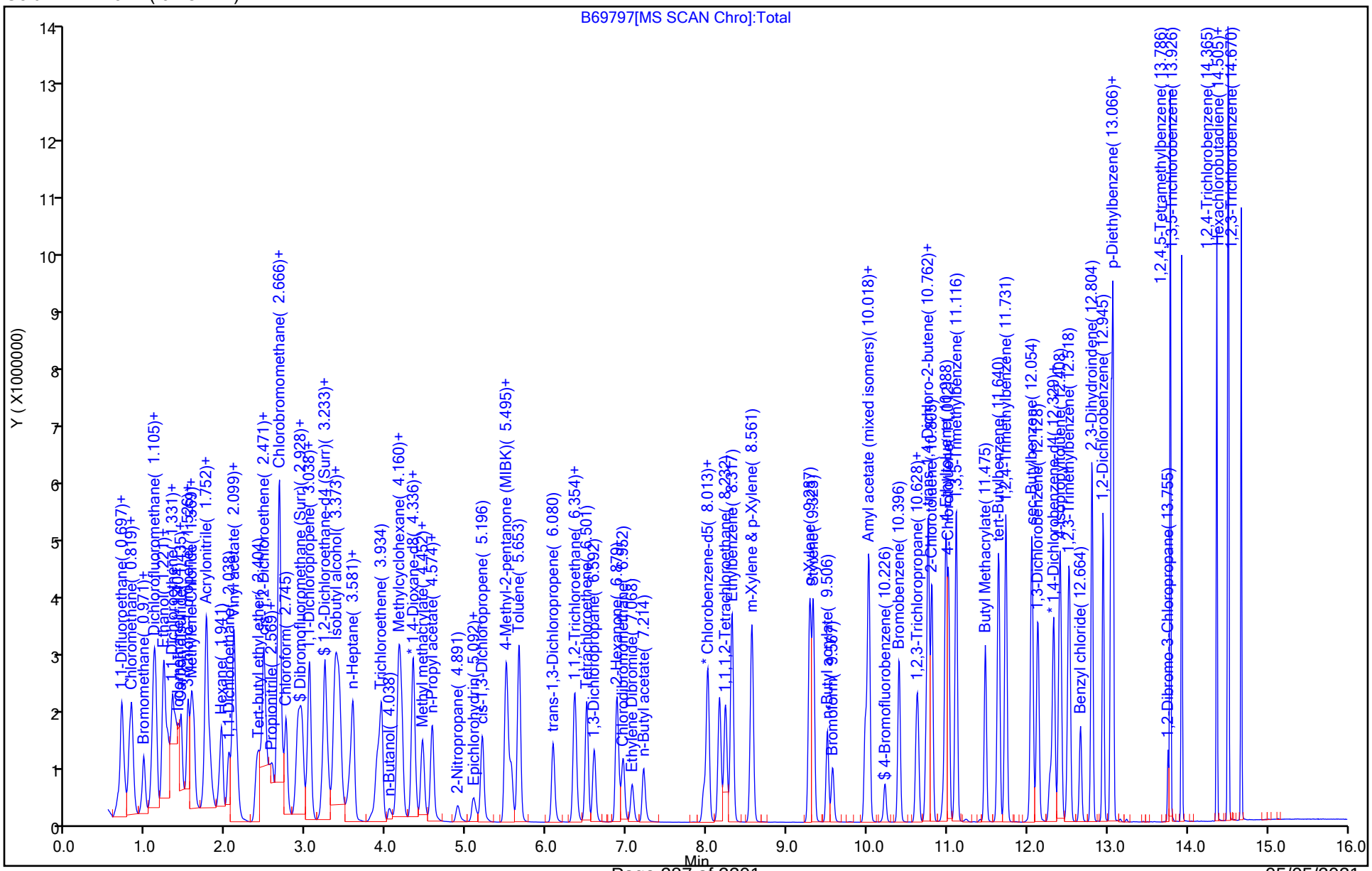
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

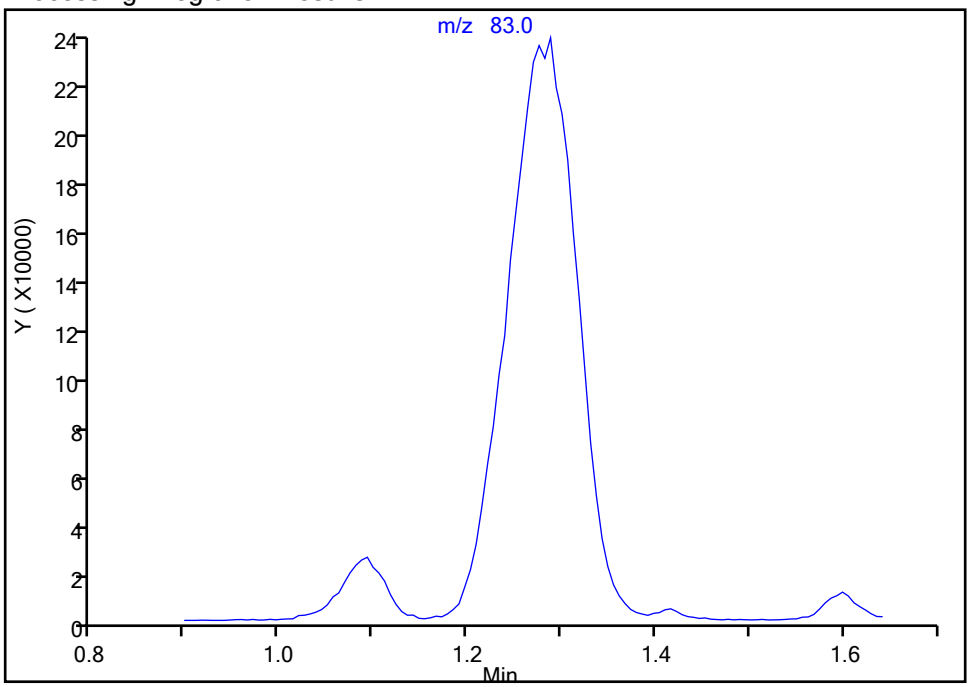
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

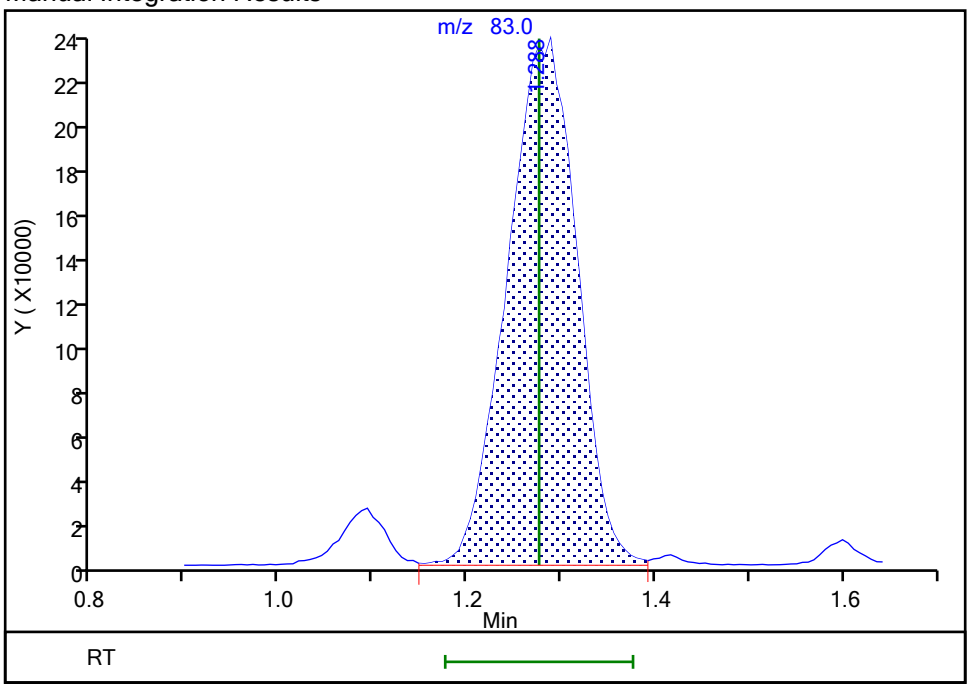
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.29
Area: 1215793
Amount: 178.4338
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:55:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

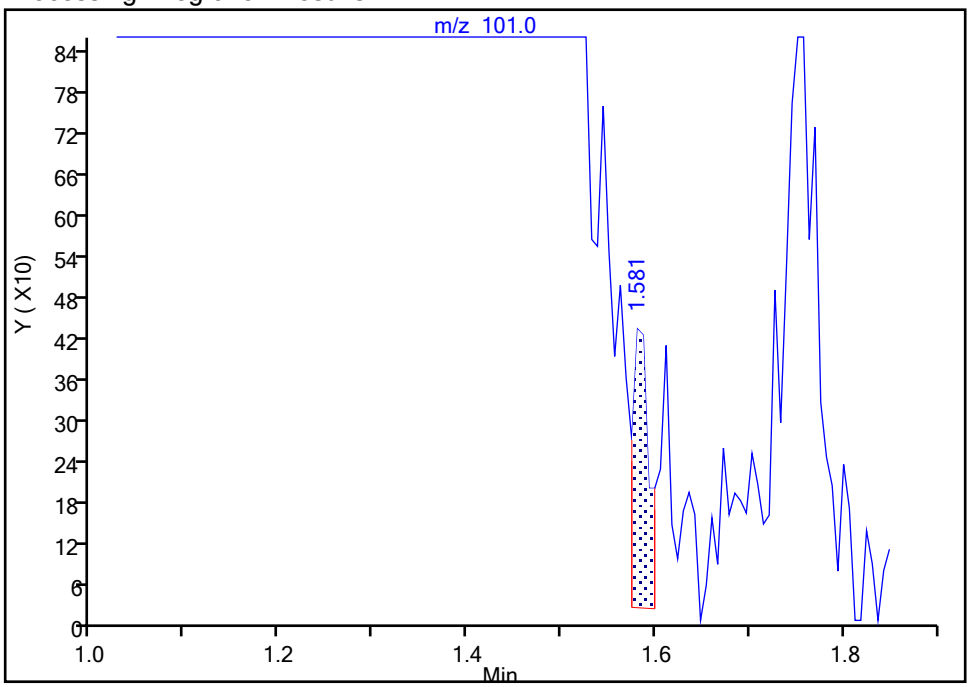
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

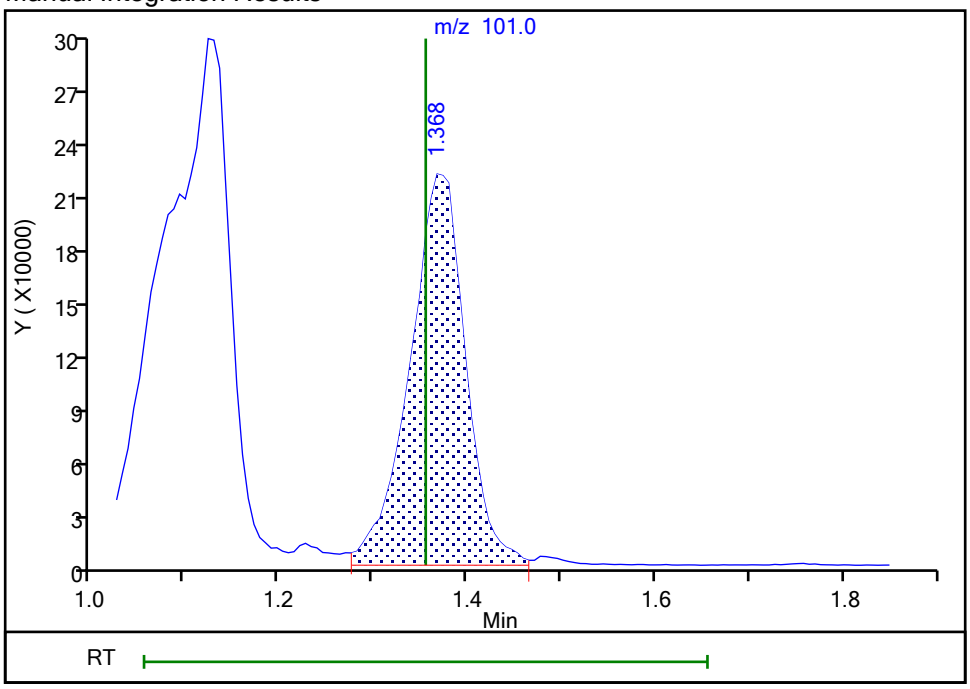
Processing Integration Results

RT: 1.58
Area: 513
Amount: 0.123362
Amount Units: ug/l



Manual Integration Results

RT: 1.37
Area: 909423
Amount: 184.9959
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:55:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

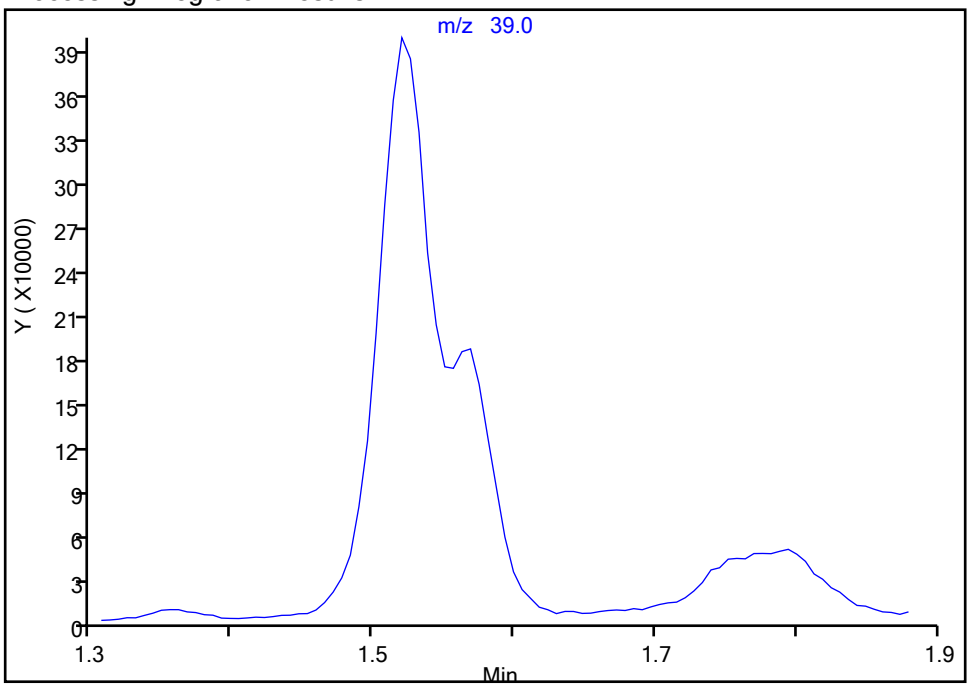
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

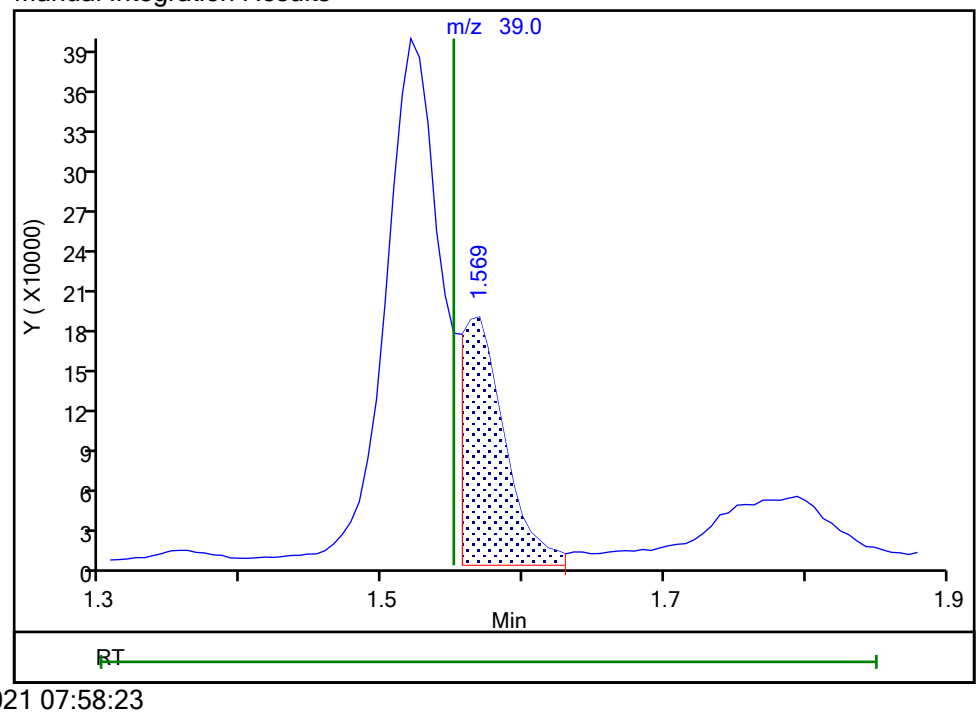
Not Detected
Expected RT: 1.55

Processing Integration Results



Manual Integration Results

RT: 1.57
Area: 398211
Amount: 1670.4780
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:58:23
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

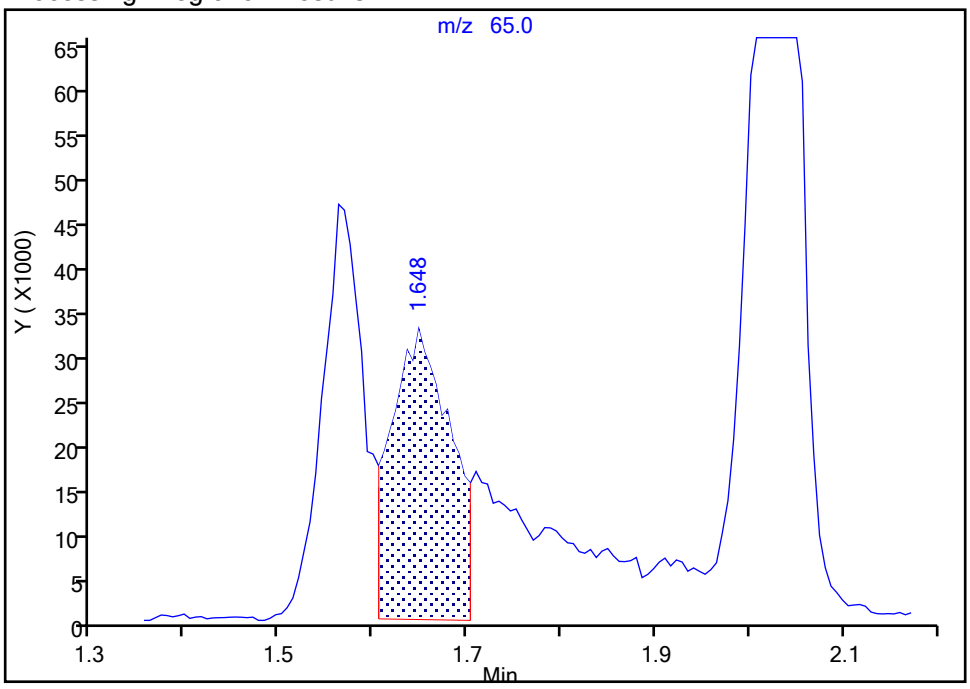
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

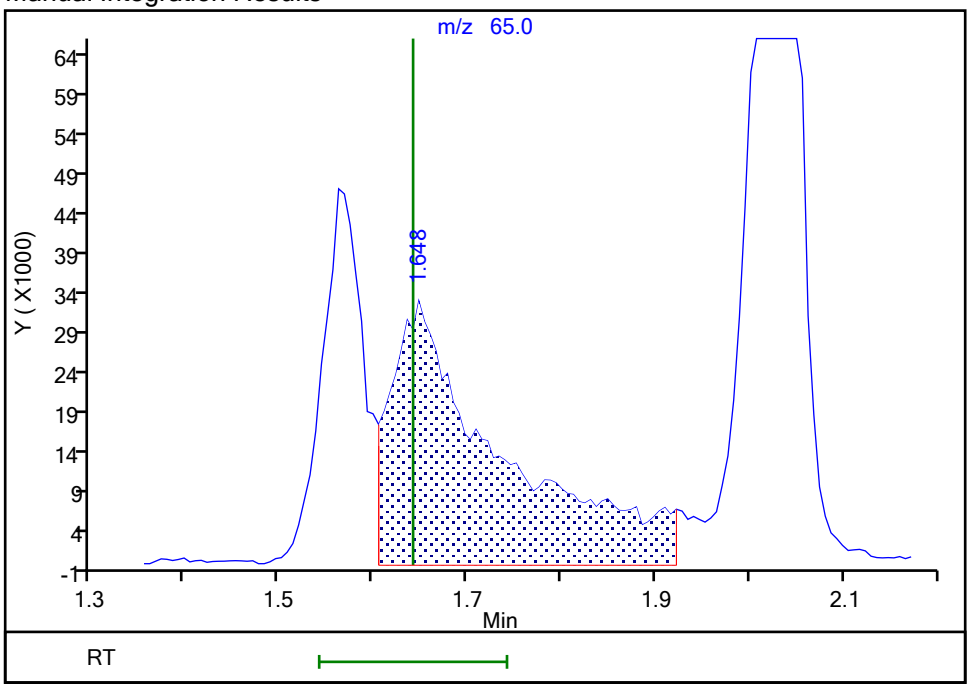
Processing Integration Results

RT: 1.65
Area: 146510
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 272002
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:51:51
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

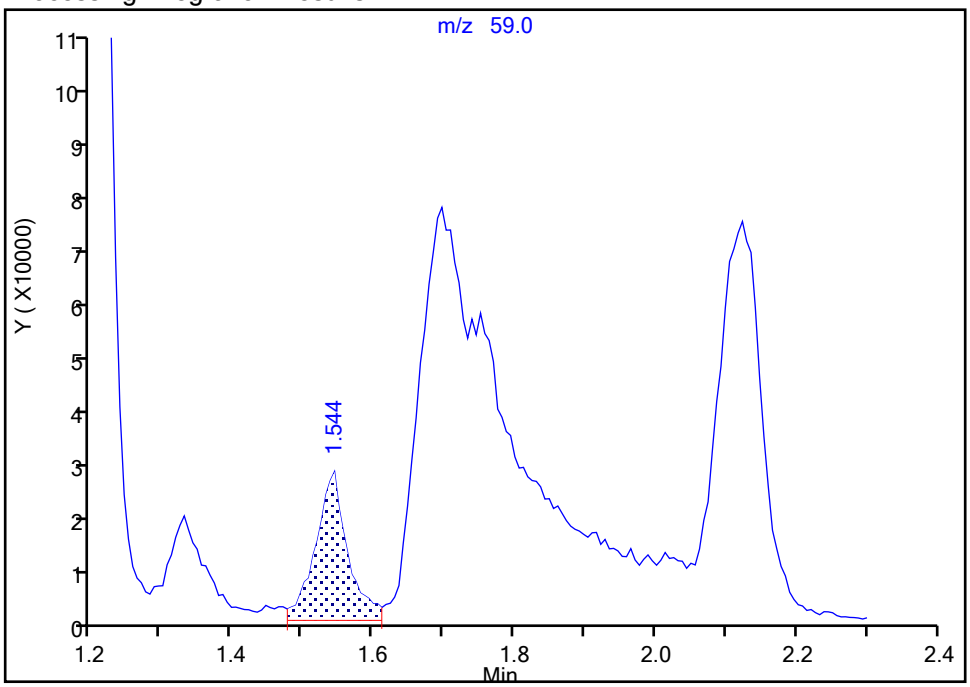
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

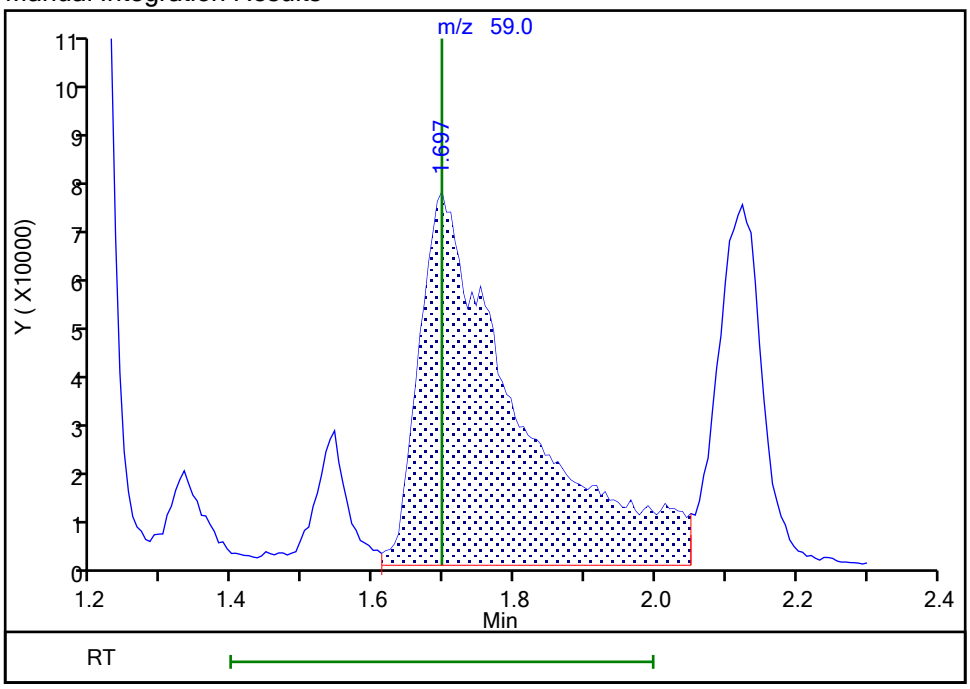
Processing Integration Results

RT: 1.54
Area: 82513
Amount: 300.9134
Amount Units: ug/l



Manual Integration Results

RT: 1.70
Area: 708310
Amount: 2106.2565
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:56:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

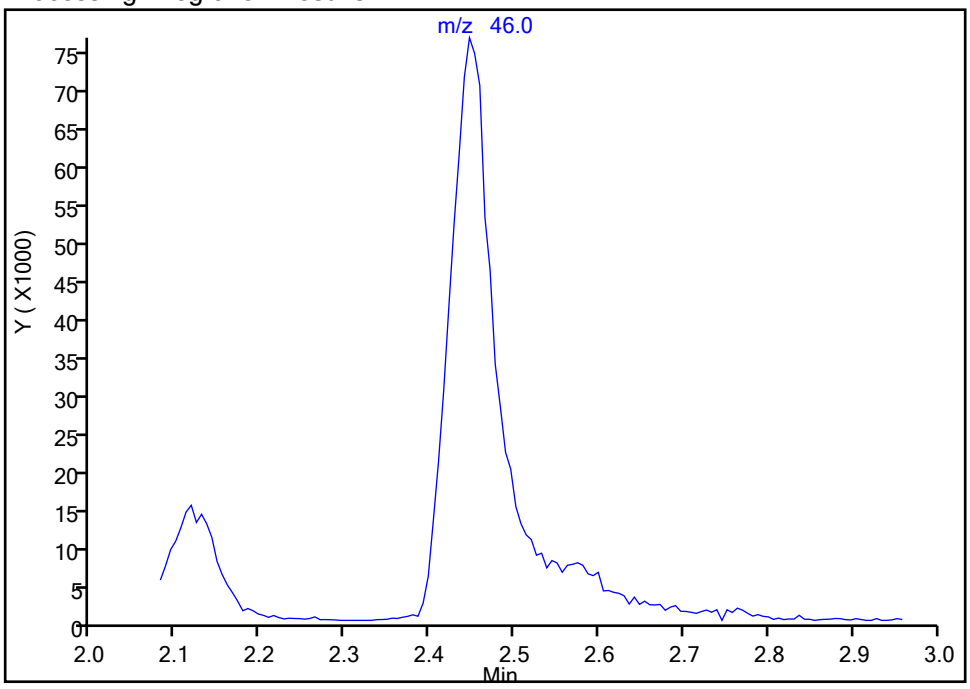
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

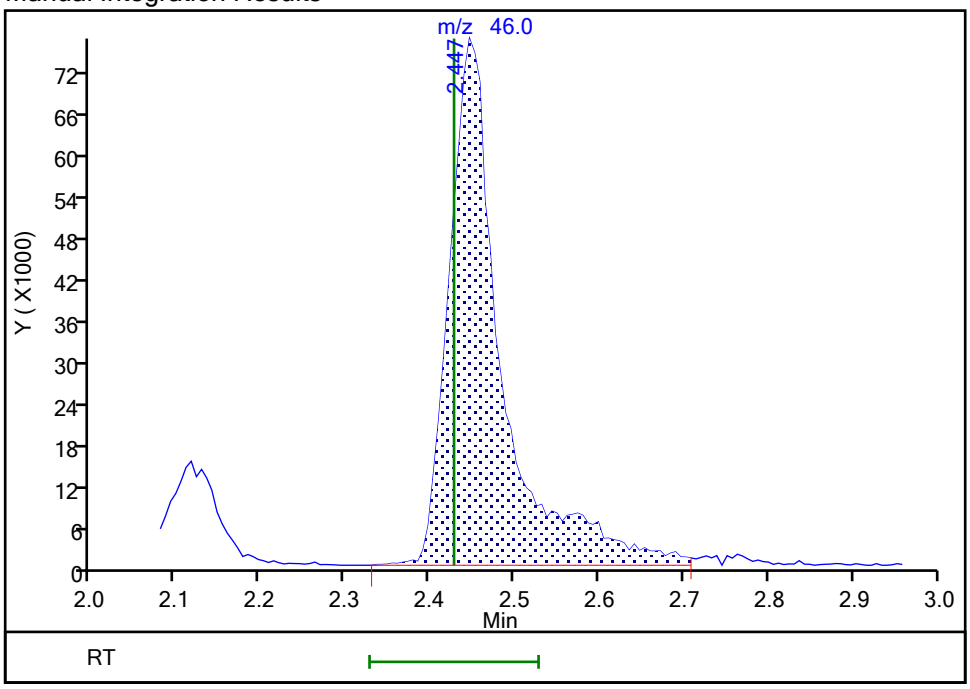
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.45
Area: 333850
Amount: 250.0000
Amount Units: ug/l



Reviewer: boykink, 11-Mar-2021 22:33:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

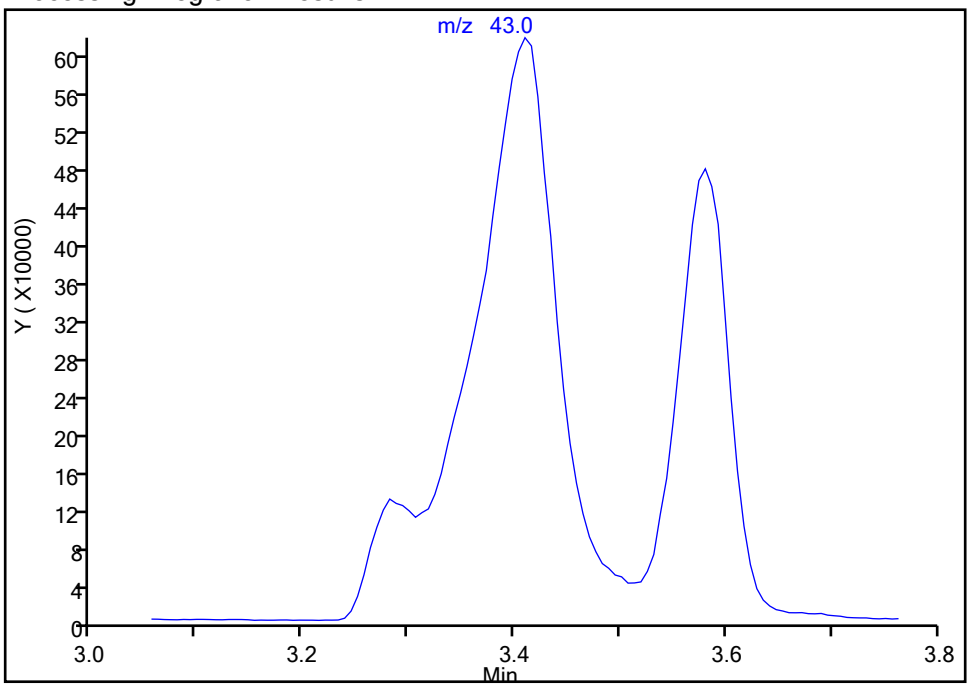
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

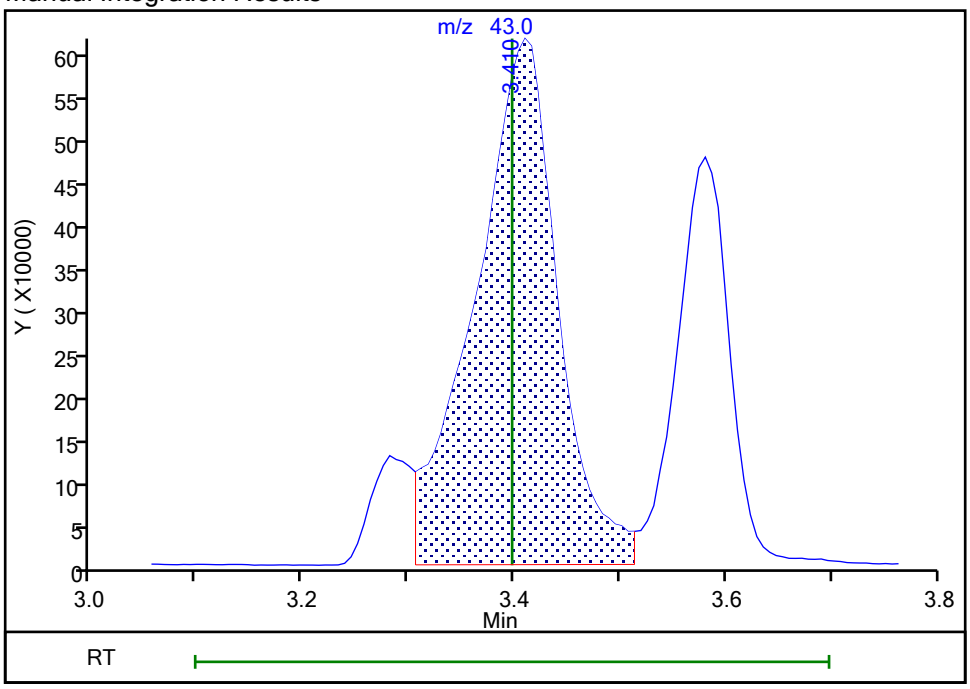
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.41
Area: 3352254
Amount: 196.7949
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:58:07
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

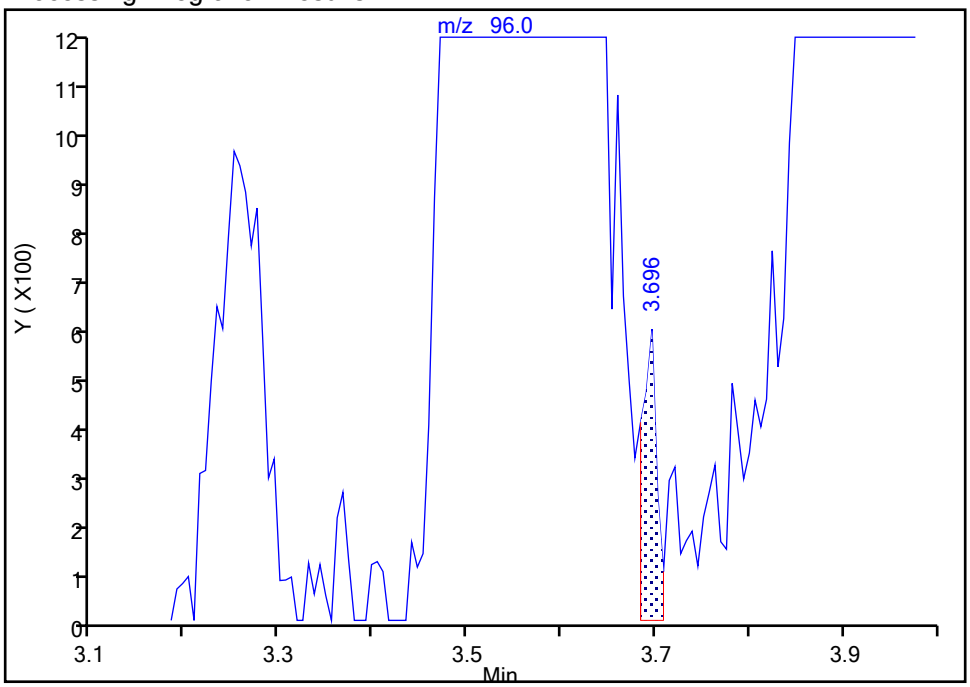
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 60 Fluorobenzene, CAS: 462-06-6

Signal: 1

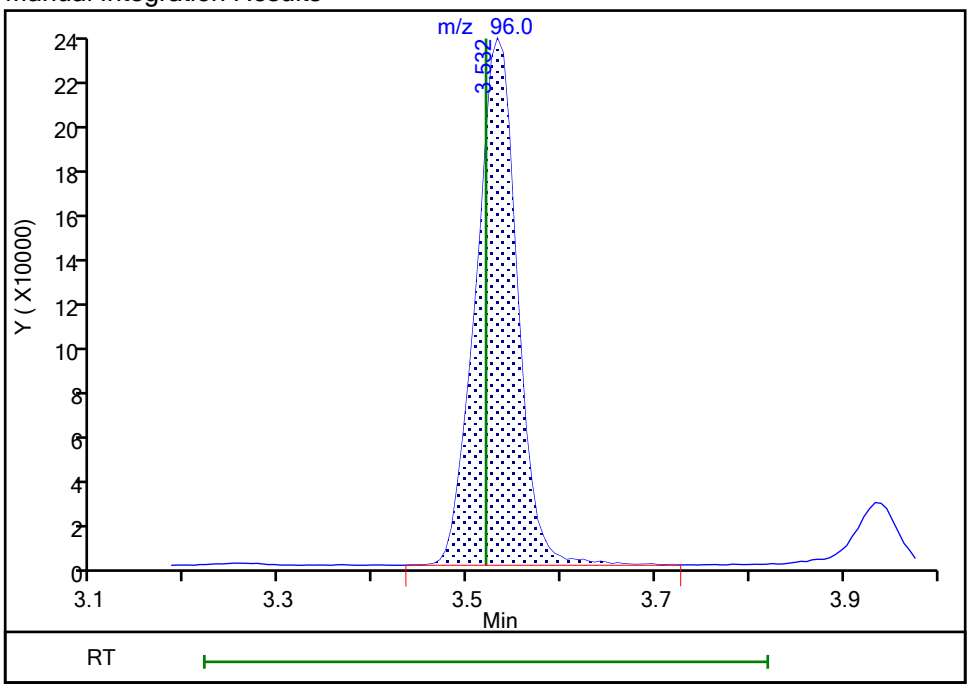
Processing Integration Results

RT: 3.70
Area: 655
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 715377
Amount: 50.000000
Amount Units: ug/l



Reviewer: boykink, 11-Mar-2021 22:33:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

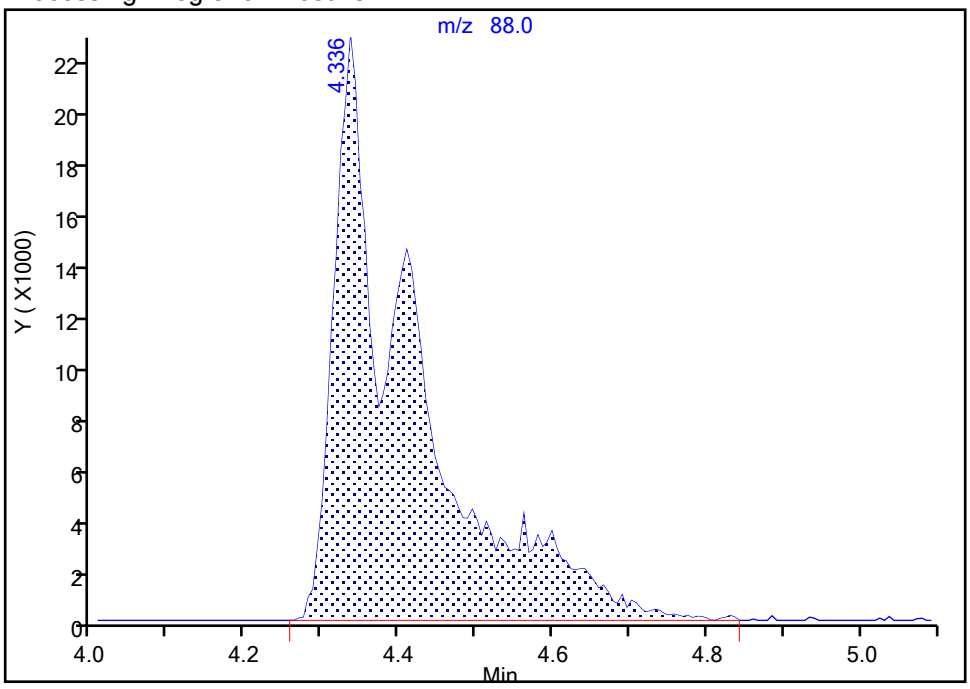
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

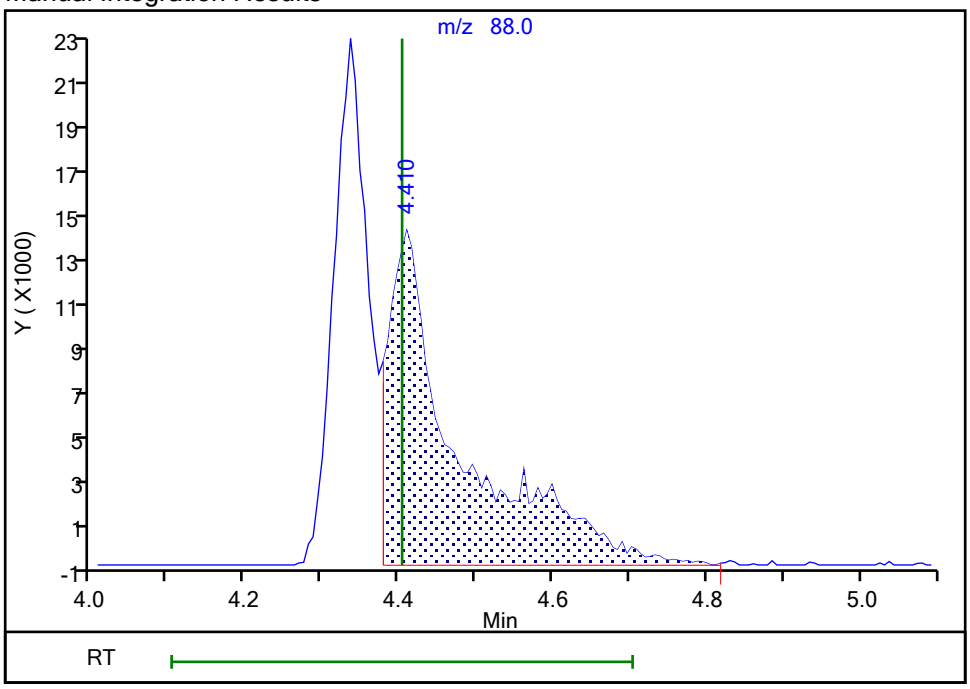
Processing Integration Results

RT: 4.34
Area: 160582
Amount: 4284.6855
Amount Units: ug/l



Manual Integration Results

RT: 4.41
Area: 92235
Amount: 4654.1428
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:36:50
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 11-Mar-2021 12:03:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0125263-009
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:02:30 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 12-Mar-2021 07:51:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.697	0.685	0.012	96	4906695	NC	NC	
4 Chlorodifluoromethane	67	0.703	0.691	0.012	97	528512	500.0	512.4	
3 Dichlorodifluoromethane	85	0.697	0.697	0.000	99	4556712	500.0	472.4	
5 Chloromethane	50	0.788	0.776	0.012	99	4094194	500.0	446.4	
6 Butadiene	54	0.813	0.801	0.012	96	2721038	500.0	448.4	
7 Vinyl chloride	62	0.831	0.825	0.006	99	3078690	500.0	465.9	
8 Bromomethane	94	0.965	0.953	0.012	99	2199510	500.0	436.2	
9 Chloroethane	64	0.983	0.971	0.012	99	1614618	500.0	432.8	
10 Dichlorofluoromethane	67	1.093	1.075	0.018	99	4196849	500.0	437.1	
12 Pentane	72	1.105	1.099	0.006	96	711973	1000.0	910.1	
11 Trichlorofluoromethane	101	1.124	1.112	0.012	98	4273736	500.0	467.8	
14 Ethanol	46	1.203	1.191	0.012	63	139056	20000	20012	
13 Ethyl ether	59	1.203	1.191	0.012	94	1449420	500.0	439.0	
15 2-Methyl-1,3-butadiene	53	1.215	1.209	0.006	97	1962695	500.0	445.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.252	1.240	0.012	94	2292556	500.0	460.9	
18 Acrolein	56	1.276	1.264	0.012	44	228478	600.0	633.9	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.288	1.276	0.012	92	3397489	500.0	448.7	a
19 1,1-Dichloroethene	96	1.325	1.319	0.006	98	2229056	500.0	470.1	
21 Acetone	43	1.355	1.343	0.012	85	2907771	2500.0	2744.0	
20 112TCTFE	101	1.367	1.355	0.012	96	2599431	500.0	475.8	a
22 Iodomethane	142	1.404	1.392	0.012	97	4755316	500.0	481.2	
23 Carbon disulfide	76	1.434	1.422	0.012	99	8187707	500.0	480.9	
24 Isopropyl alcohol	45	1.453	1.441	0.012	64	965365	5000.0	5223.6	
25 3-Chloro-1-propene	39	1.520	1.508	0.012	97	2883195	500.0	485.7	
26 Methyl acetate	43	1.538	1.532	0.006	98	2880635	1000.0	951.5	
27 Acetonitrile	39	1.562	1.550	0.012	67	1269586	5000.0	5227.2	a
28 Methylene Chloride	84	1.593	1.587	0.006	91	2395940	500.0	464.7	
* 29 TBA-d9 (IS)	65	1.678	1.642	0.036	0	277135	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.739	1.697	0.042	33	1781804	5000.0	5200.3	a
31 Acrylonitrile	53	1.745	1.733	0.012	94	5863165	5000.0	4862.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.758	1.746	0.012	94	2428624	500.0	461.7	
33 Methyl tert-butyl ether	73	1.782	1.776	0.006	97	6073316	500.0	445.8	
34 Hexane	57	1.934	1.928	0.006	94	3739695	500.0	500.8	
35 1,1-Dichloroethane	63	2.026	2.020	0.006	99	4423097	500.0	481.6	
36 Vinyl acetate	86	2.087	2.087	0.000	100	722154	1000.0	1118.6	
37 2-Chloro-1,3-butadiene	88	2.093	2.087	0.006	91	2257482	500.0	499.4	
38 Isopropyl ether	45	2.123	2.099	0.024	93	7289088	500.0	465.4	
39 Tert-butyl ethyl ether	87	2.398	2.373	0.025	87	2862432	500.0	509.9	
* 40 2-Butanone-d5	46	2.440	2.428	0.012	0	343607	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.465	2.453	0.012	98	2728860	500.0	496.9	
42 2,2-Dichloropropane	79	2.483	2.471	0.012	93	1233596	500.0	493.8	
43 2-Butanone (MEK)	72	2.495	2.471	0.024	99	1168587	2500.0	2426.8	
44 Propionitrile	54	2.538	2.532	0.006	95	2241782	5000.0	4907.6	
45 Ethyl acetate	70	2.568	2.556	0.012	99	367894	1000.0	1130.6	
62 Methyl acrylate	55	2.581	2.569	0.012	99	2038961	500.0	448.9	
46 Chlorobromomethane	128	2.660	2.648	0.012	88	1354831	500.0	476.2	
47 Methacrylonitrile	67	2.672	2.654	0.018	92	7698529	5000.0	4761.9	
48 Tetrahydrofuran	72	2.702	2.697	0.005	93	554812	1000.0	1000.2	
49 Chloroform	83	2.745	2.739	0.006	99	4304905	500.0	481.2	
$ 50 Dibromofluoromethane (Surr)	113	2.885	2.873	0.012	97	214521	50.0	47.4	
51 1,1,1-Trichloroethane	97	2.898	2.879	0.019	99	4070216	500.0	492.7	
52 Cyclohexane	84	2.946	2.922	0.024	92	4069820	500.0	506.5	
54 1,1-Dichloropropene	75	3.038	3.026	0.012	98	3482571	500.0	506.7	
53 Carbon tetrachloride	117	3.044	3.032	0.012	98	3682014	500.0	502.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.178	3.172	0.006	0	214606	50.0	46.0	
56 Benzene	78	3.227	3.221	0.006	95	9736662	500.0	510.0	
57 1,2-Dichloroethane	62	3.257	3.245	0.012	98	2997983	500.0	479.7	
58 Isobutyl alcohol	42	3.404	3.337	0.067	67	845575	12500	12034	
59 Tert-amyl methyl ether	73	3.410	3.385	0.025	89	7628381	500.0	509.8	
73 Isopropyl acetate	43	3.410	3.398	0.012	92	9140717	500.0	482.9	
* 60 Fluorobenzene	96	3.532	3.520	0.012	99	795002	50.0	50.0	a
61 n-Heptane	43	3.580	3.574	0.006	94	4308586	500.0	475.2	
63 Trichloroethene	95	3.934	3.928	0.006	98	2677799	500.0	520.3	
64 n-Butanol	43	4.031	4.093	-0.062	87	478580	12500	12493	a
65 Methylcyclohexane	83	4.160	4.135	0.025	87	4916564	500.0	525.3	
66 Ethyl acrylate	55	4.166	4.154	0.012	97	6286760	500.0	515.1	
67 1,2-Dichloropropane	63	4.190	4.184	0.006	93	2454144	500.0	491.2	
68 Dibromomethane	93	4.324	4.318	0.006	93	1436264	500.0	492.4	
* 69 1,4-Dioxane-d8	96	4.342	4.361	-0.019	0	27887	1000.0	1000.0	
70 1,4-Dioxane	88	4.403	4.404	-0.001	83	243748	10000	7509.2	Ma
71 Methyl methacrylate	100	4.452	4.440	0.012	96	1108204	1000.0	1087.7	
72 Dichlorobromomethane	83	4.574	4.562	0.012	100	3249197	500.0	509.2	
81 n-Propyl acetate	43	4.568	4.574	-0.006	99	2740266	500.0	487.1	
74 2-Nitropropane	41	4.891	4.891	0.000	98	966735	1000.0	1043.7	
75 2-Chloroethyl vinyl ether	63	5.068	5.086	-0.018	94	240596	501.2	500.9	
76 Epichlorohydrin	57	5.092	5.086	0.006	99	2483309	10000	9993.2	
77 cis-1,3-Dichloropropene	75	5.202	5.184	0.018	93	3912112	500.0	562.4	
78 4-Methyl-2-pentanone (MIBK)	43	5.501	5.489	0.012	97	9779529	2500.0	2467.4	
$ 79 Toluene-d8 (Surr)	98	5.562	5.550	0.012	98	820207	50.0	50.0	
80 Toluene	91	5.659	5.653	0.006	93	10647116	500.0	517.9	
82 trans-1,3-Dichloropropene	75	6.080	6.080	0.000	98	3389936	500.0	556.4	
83 1,1,2-Trichloroethane	83	6.348	6.342	0.006	95	1607510	500.0	493.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.360	6.348	0.012	95	2774987	500.0	552.1	
85 Tetrachloroethene	166	6.507	6.495	0.012	98	3145379	500.0	535.9	
86 1,3-Dichloropropane	76	6.598	6.586	0.012	95	3359943	500.0	512.0	
87 2-Hexanone	43	6.885	6.879	0.006	97	7066417	2500.0	2726.0	
88 Chlorodibromomethane	129	6.964	6.952	0.012	99	2508484	500.0	549.4	
89 Ethylene Dibromide	107	7.074	7.062	0.012	99	2049853	500.0	521.5	
90 n-Butyl acetate	73	7.214	7.214	0.000	100	517696	500.0	529.3	
* 91 Chlorobenzene-d5	117	7.964	7.958	0.006	83	616903	50.0	50.0	
92 Chlorobenzene	112	8.019	8.007	0.012	95	6946726	500.0	523.9	
93 1,1,1,2-Tetrachloroethane	131	8.238	8.232	0.006	97	2761644	500.0	548.9	
94 Ethylbenzene	106	8.317	8.305	0.012	98	3976894	500.0	547.4	
95 m-Xylene & p-Xylene	106	8.567	8.561	0.006	99	4851268	500.0	558.5	
96 o-Xylene	106	9.293	9.281	0.012	94	4760532	500.0	549.5	
97 Styrene	104	9.335	9.323	0.012	97	8139873	500.0	566.6	
98 n-Butyl acrylate	73	9.506	9.500	0.006	97	1597927	500.0	575.4	
99 Bromoform	173	9.573	9.567	0.006	99	1855693	500.0	559.3	
101 Amyl acetate (mixed isomers)	43	9.982	9.982	0.000	90	3813706	500.0	551.3	
102 Isopropylbenzene	105	10.024	10.018	0.006	95	13426997	500.0	570.1	
$ 103 4-Bromofluorobenzene	174	10.232	10.226	0.006	95	293142	50.0	49.1	
104 Bromobenzene	156	10.402	10.396	0.006	94	3319113	500.0	522.7	
105 1,2,3-Trichloropropane	110	10.622	10.616	0.006	99	751568	500.0	452.1	
106 1,1,2,2-Tetrachloroethane	83	10.640	10.628	0.012	98	2736086	500.0	484.8	
107 trans-1,4-Dichloro-2-butene	53	10.744	10.732	0.012	94	794221	500.0	588.4	
108 N-Propylbenzene	120	10.774	10.756	0.018	100	3734714	500.0	536.8	
109 2-Chlorotoluene	126	10.817	10.799	0.018	97	3296867	500.0	536.5	
110 4-Ethyltoluene	105	10.994	10.975	0.019	98	13186103	500.0	552.9	
111 4-Chlorotoluene	91	11.024	11.012	0.012	97	10828541	500.0	527.1	
112 1,3,5-Trimethylbenzene	105	11.122	11.110	0.012	93	11765105	500.0	566.2	
100 Butyl Methacrylate	87	11.481	11.475	0.006	99	3298951	500.0	499.8	
113 tert-Butylbenzene	119	11.646	11.640	0.006	95	9977629	500.0	594.4	
114 1,2,4-Trimethylbenzene	105	11.743	11.725	0.018	97	11793164	500.0	555.7	
115 sec-Butylbenzene	105	12.067	12.054	0.012	99	15720451	500.0	576.3	
116 1,3-Dichlorobenzene	146	12.140	12.128	0.012	98	6588705	500.0	517.5	
* 117 1,4-Dichlorobenzene-d4	152	12.286	12.280	0.006	91	384260	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.335	12.329	0.006	96	6525078	500.0	505.8	
119 4-Isopropyltoluene	119	12.420	12.408	0.012	98	13664457	500.0	572.7	
120 1,2,3-Trimethylbenzene	105	12.530	12.512	0.018	98	12136009	500.0	558.0	
121 Benzyl chloride	126	12.670	12.664	0.006	99	1041055	500.0	499.5	
122 2,3-Dihydroindene	117	12.810	12.804	0.006	95	11353522	500.0	545.1	
123 1,2-Dichlorobenzene	146	12.950	12.945	0.005	98	6516193	500.0	527.0	
124 p-Diethylbenzene	119	13.048	13.042	0.006	94	7195049	500.0	561.7	a
125 n-Butylbenzene	92	13.072	13.066	0.006	99	7695136	500.0	568.5	e
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	96	630309	500.0	516.8	
127 1,2,4,5-Tetramethylbenzene	119	13.786	13.780	0.006	95	11226455	500.0	506.3	e
128 1,3,5-Trichlorobenzene	180	13.932	13.926	0.006	98	6113217	500.0	551.1	
129 1,2,4-Trichlorobenzene	180	14.365	14.359	0.006	94	5437743	500.0	538.0	
130 Hexachlorobutadiene	225	14.505	14.499	0.006	98	3418182	500.0	599.6	
131 Naphthalene	128	14.511	14.511	0.000	98	9815533	500.0	489.7	e
132 1,2,3-Trichlorobenzene	180	14.670	14.664	0.006	96	5252381	500.0	542.0	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	958.6	
S 134 1,3-Dichloropropene, Total	100				0		1000.0	1118.8	
S 135 Xylenes, Total	100				0		1000.0	1108.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		2500.0	2683.2	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

MIX 2 Hi_00108	Amount Added:	5.00	Units: uL	
8FreonHi_00029	Amount Added:	5.00	Units: uL	
Ethanol mix_00050	Amount Added:	5.00	Units: uL	
GAS Hi_00383	Amount Added:	5.00	Units: uL	
ACROLEIN W_00120	Amount Added:	6.00	Units: uL	
MIX I Hi_00135	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:02:33 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2 Operator ID:

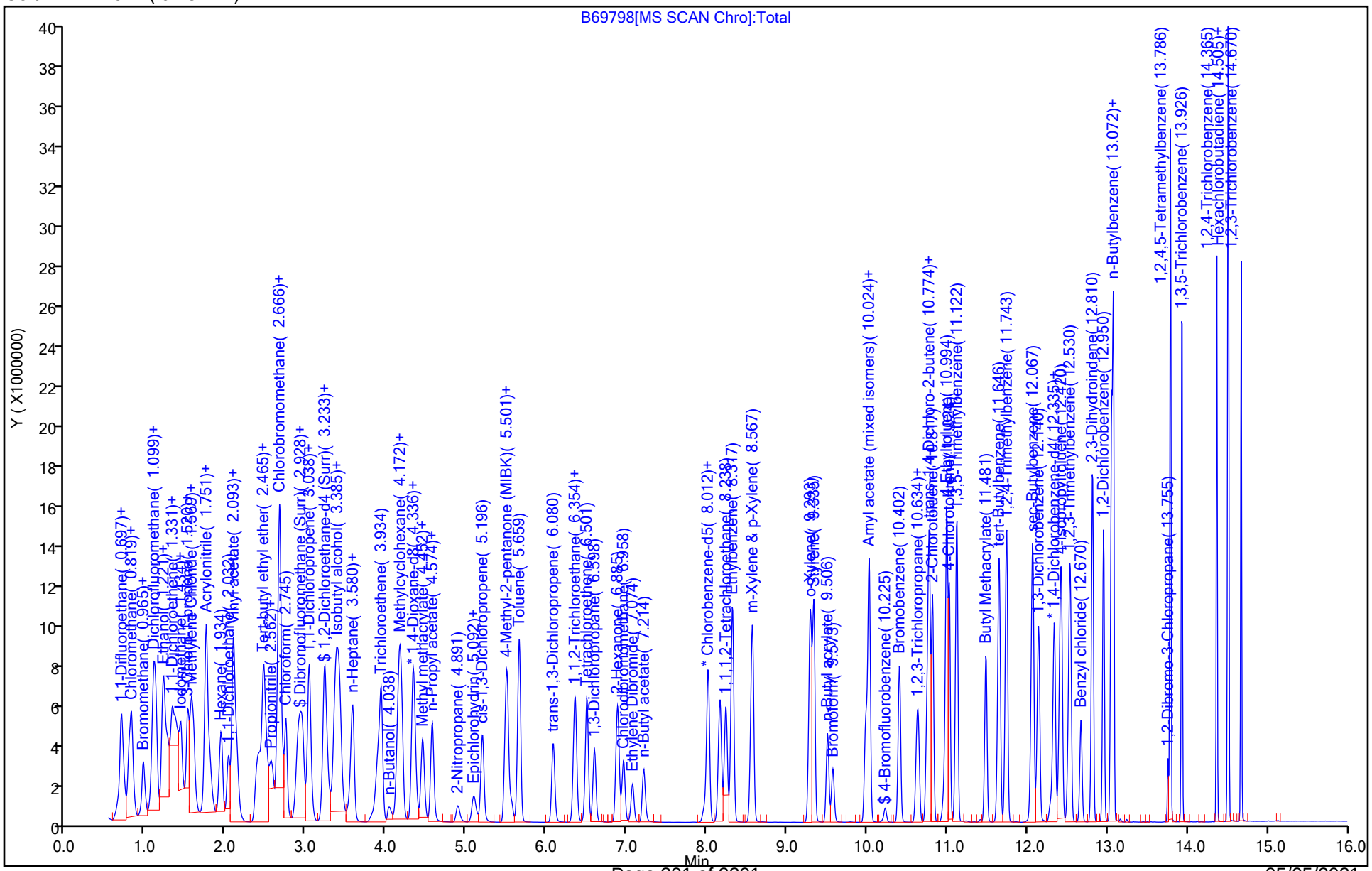
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

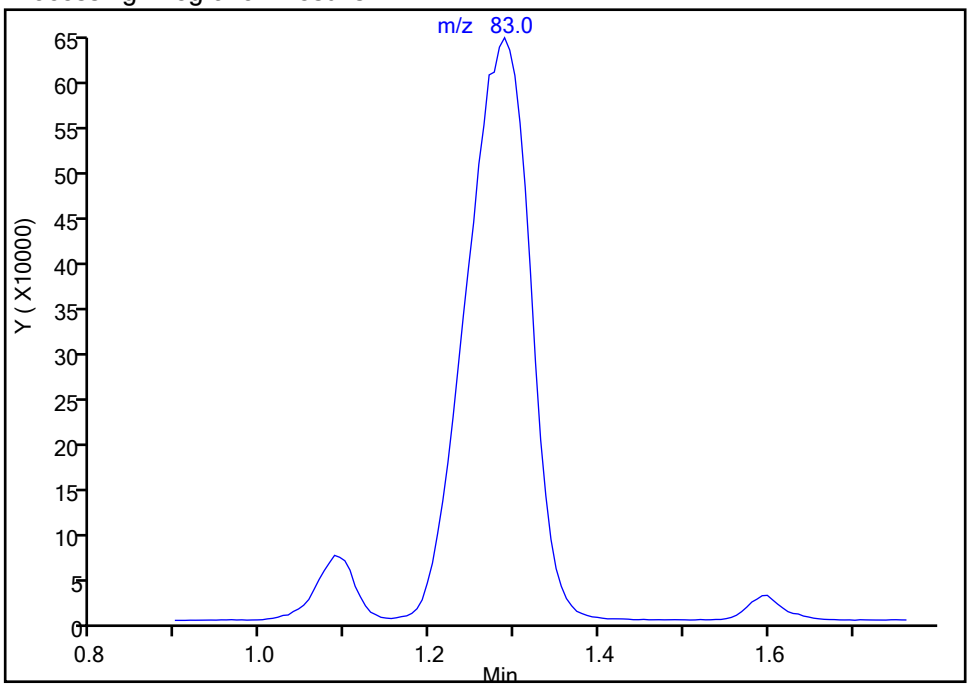
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

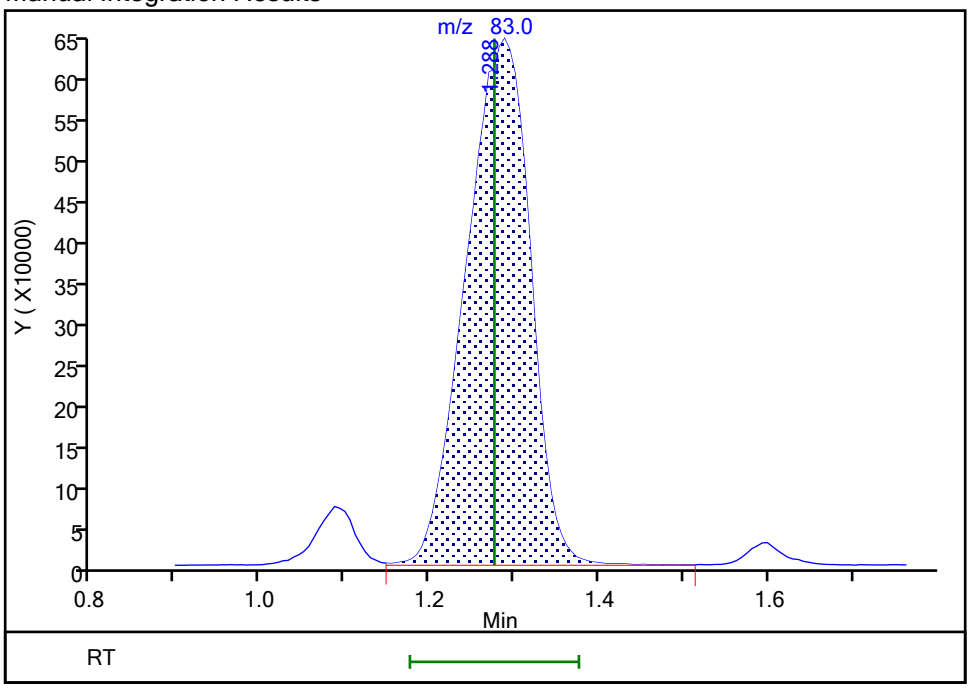
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.29
Area: 3397489
Amount: 448.6858
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:53:00
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

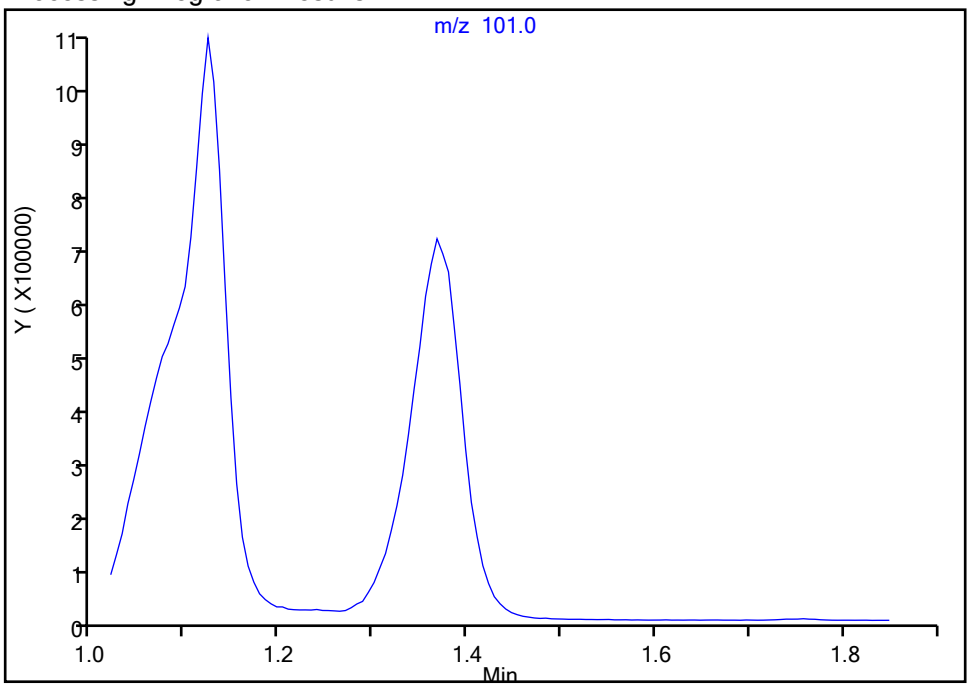
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

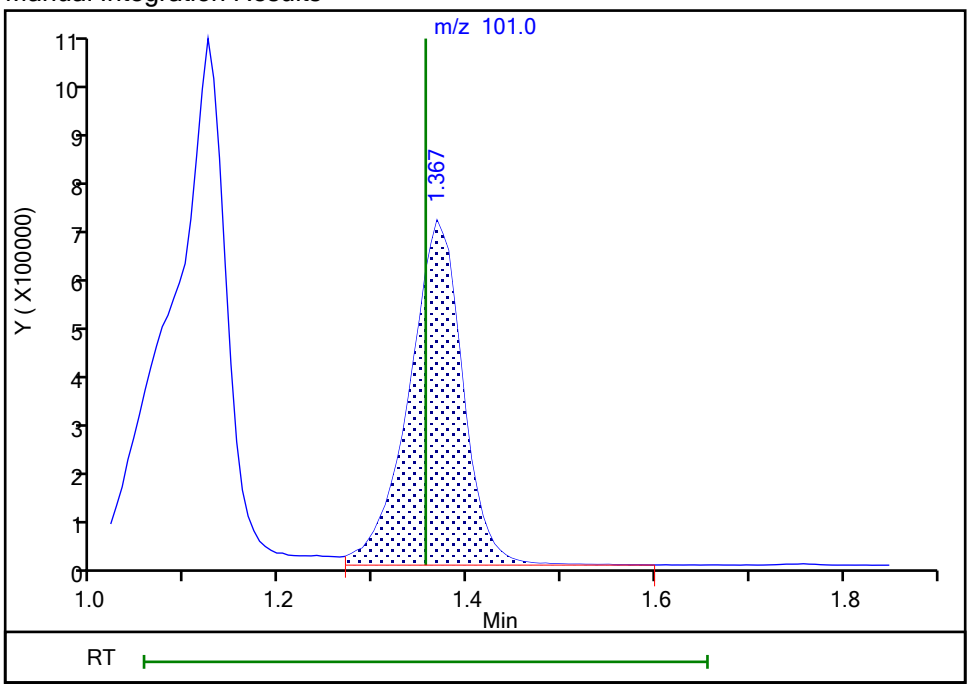
Not Detected
Expected RT: 1.36

Processing Integration Results



Manual Integration Results

RT: 1.37
Area: 2599431
Amount: 475.8184
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:53:13
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

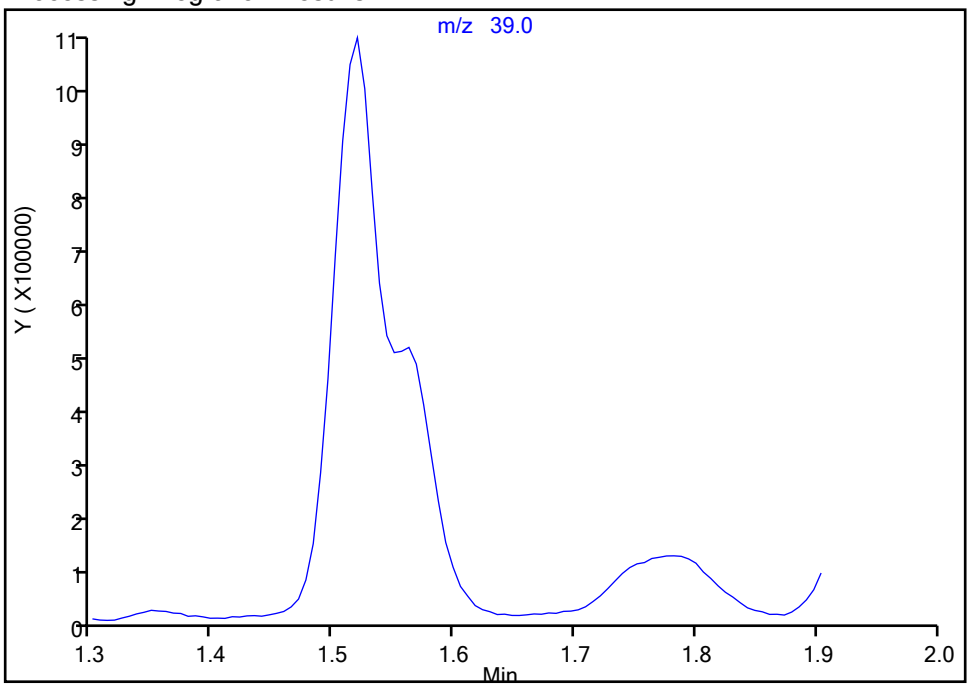
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

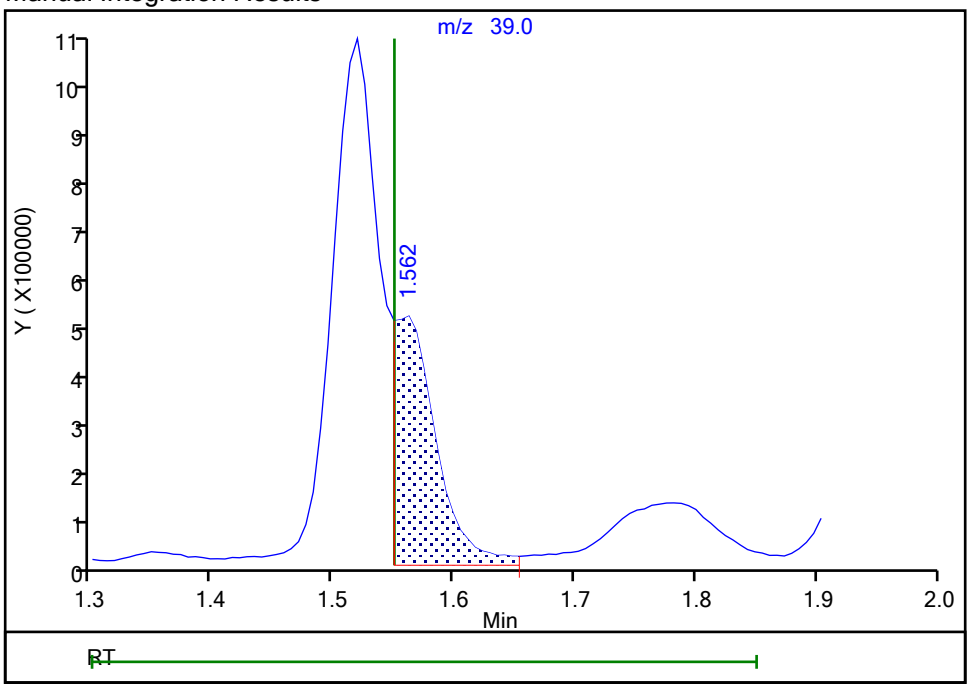
Not Detected
Expected RT: 1.55

Processing Integration Results



Manual Integration Results

RT: 1.56
Area: 1269586
Amount: 5227.2147
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 13:27:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

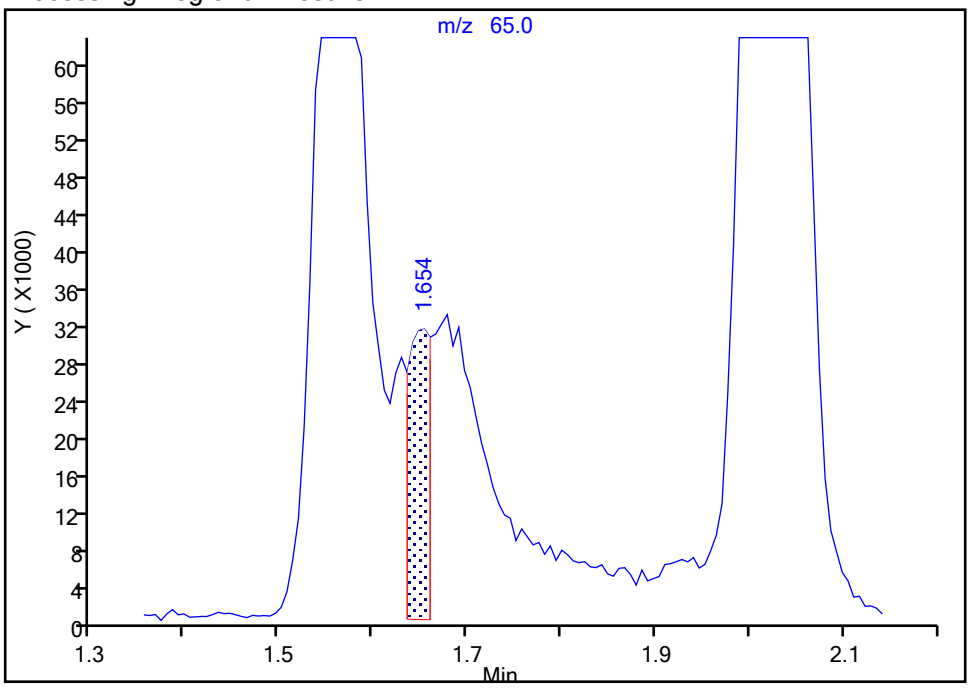
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

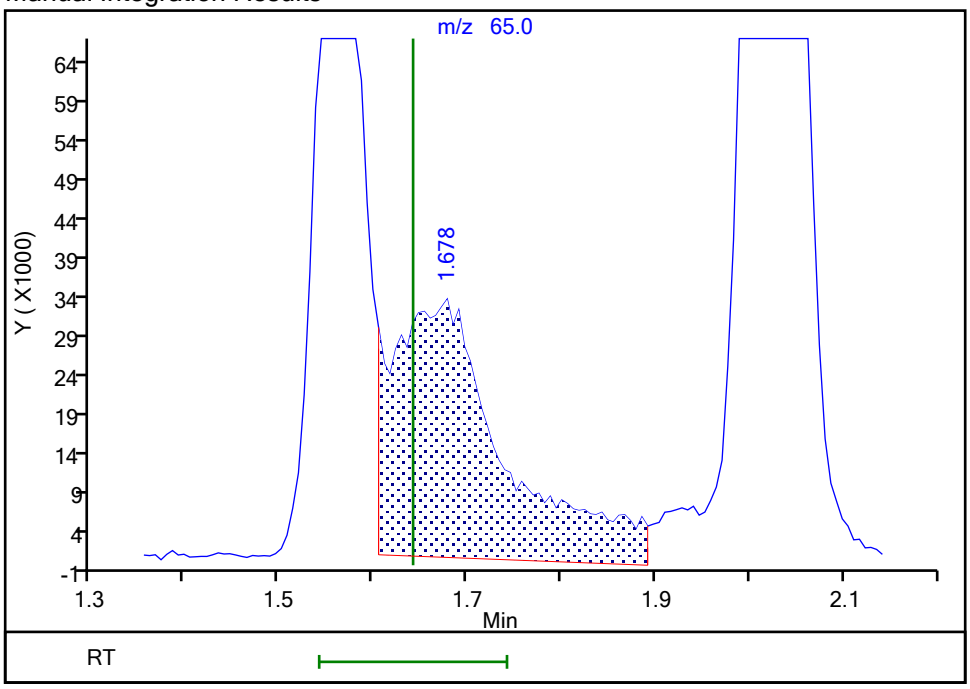
Processing Integration Results

RT: 1.65
Area: 54718
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 277135
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:52:39
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

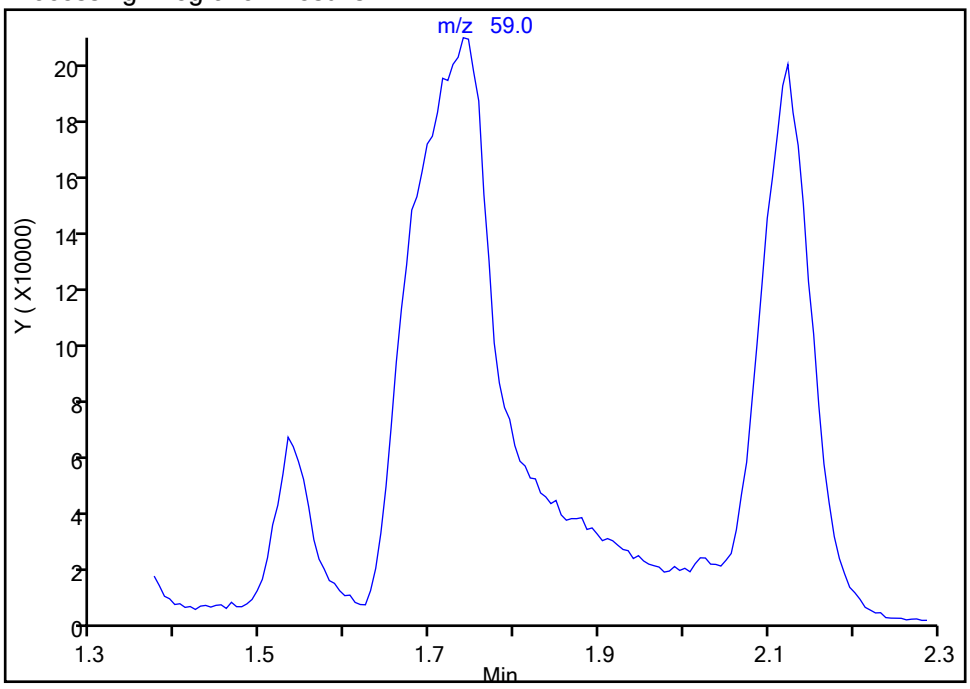
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

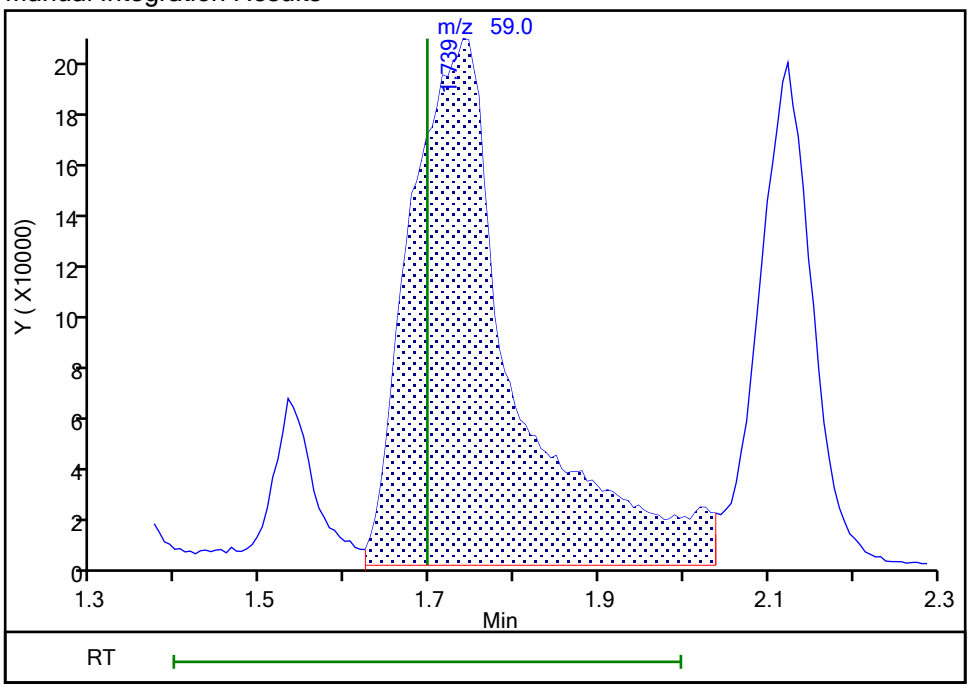
Not Detected
Expected RT: 1.70

Processing Integration Results



Manual Integration Results

RT: 1.74
Area: 1781804
Amount: 5200.3015
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:53:32
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

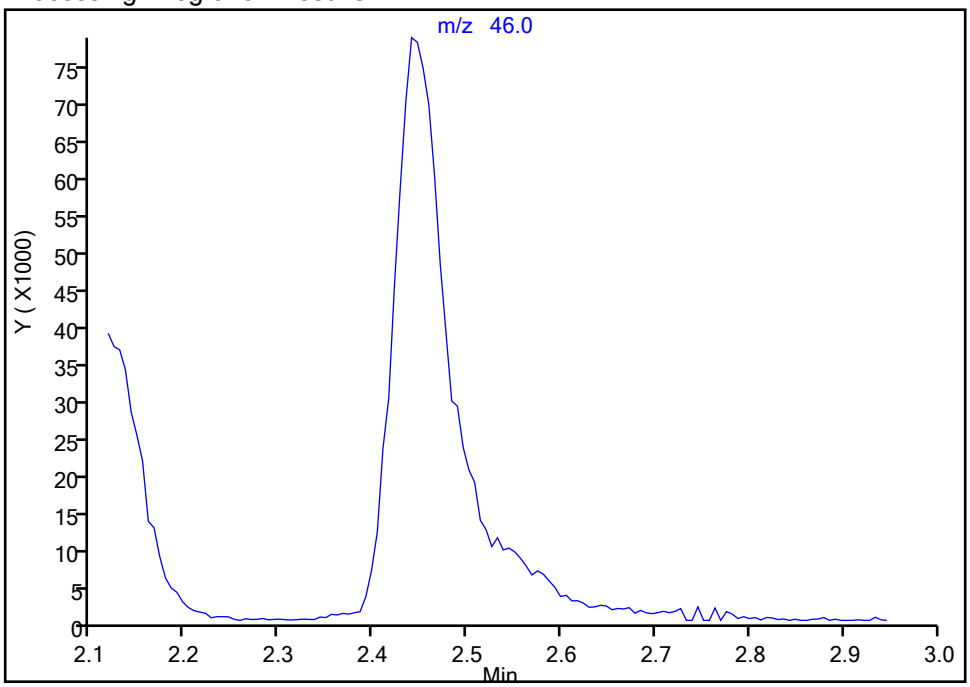
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

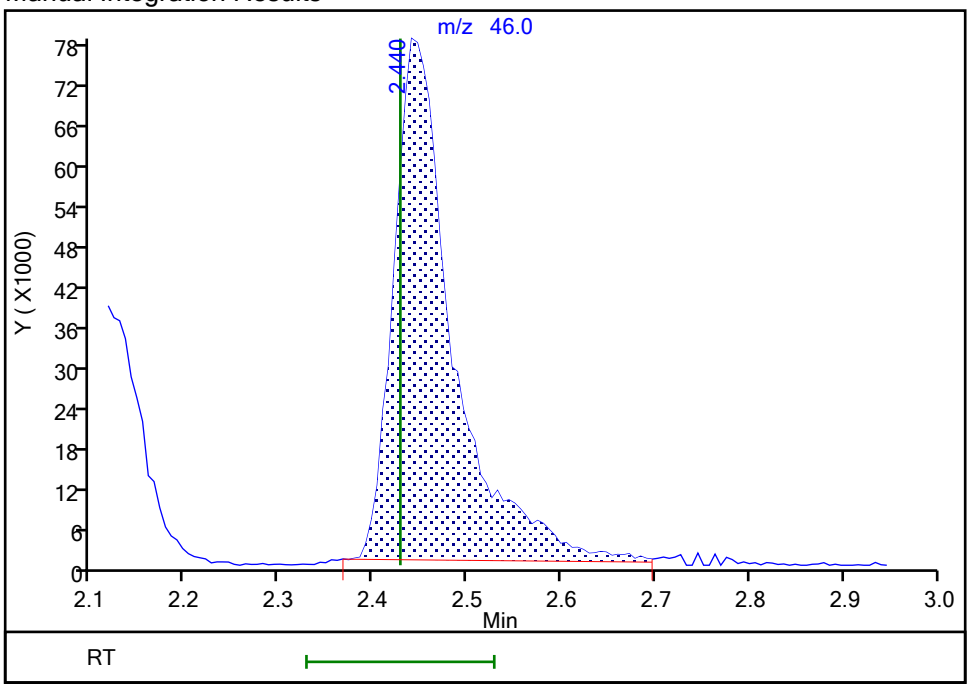
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.44
Area: 343607
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:50:46
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

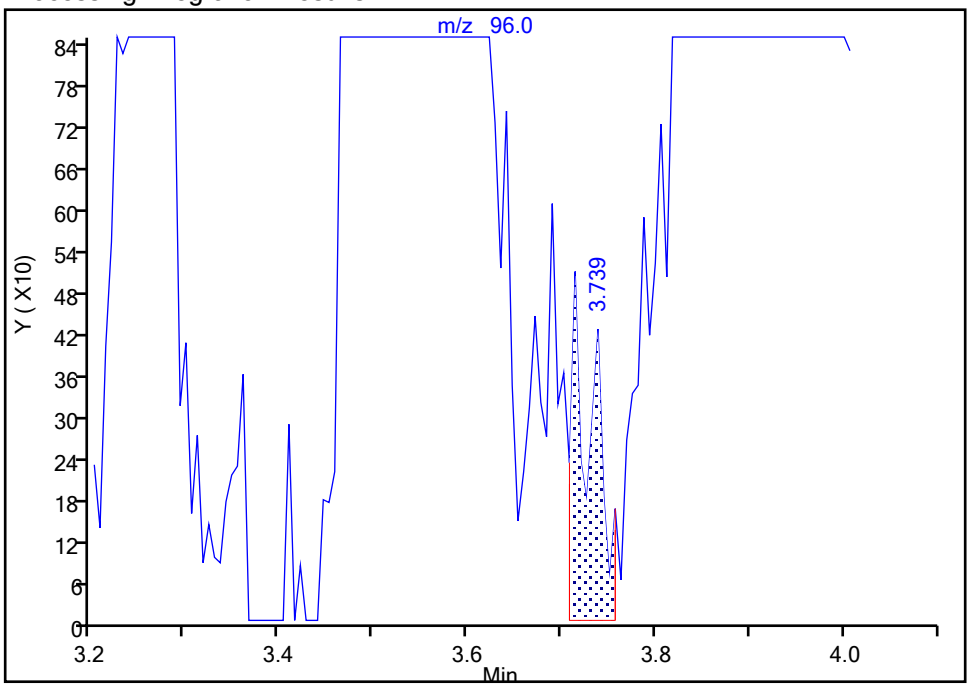
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 60 Fluorobenzene, CAS: 462-06-6

Signal: 1

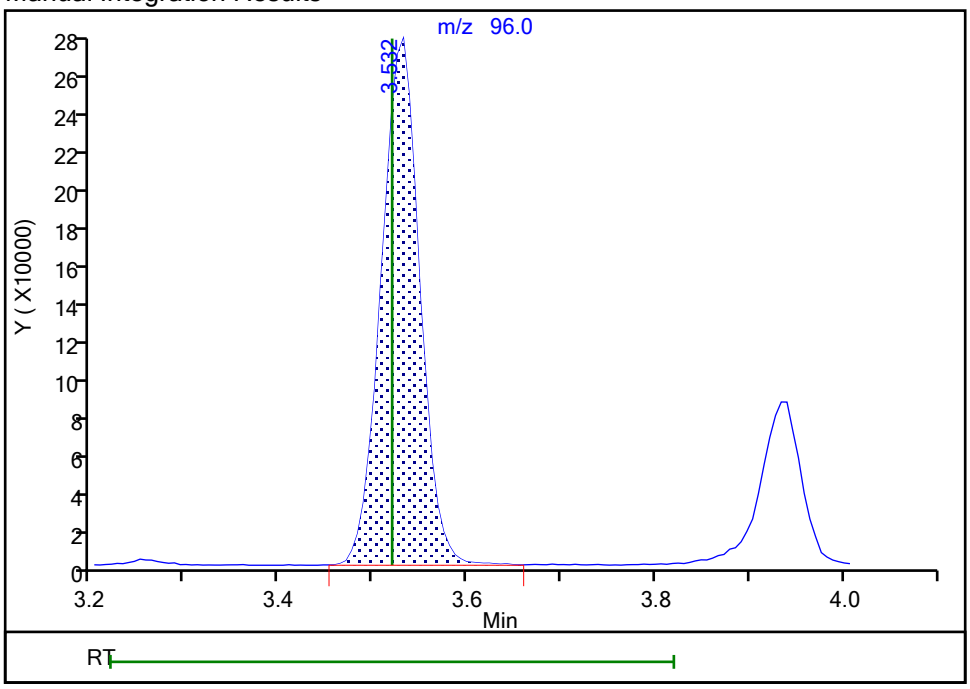
Processing Integration Results

RT: 3.74
Area: 831
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 795002
Amount: 50.000000
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:50:53
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

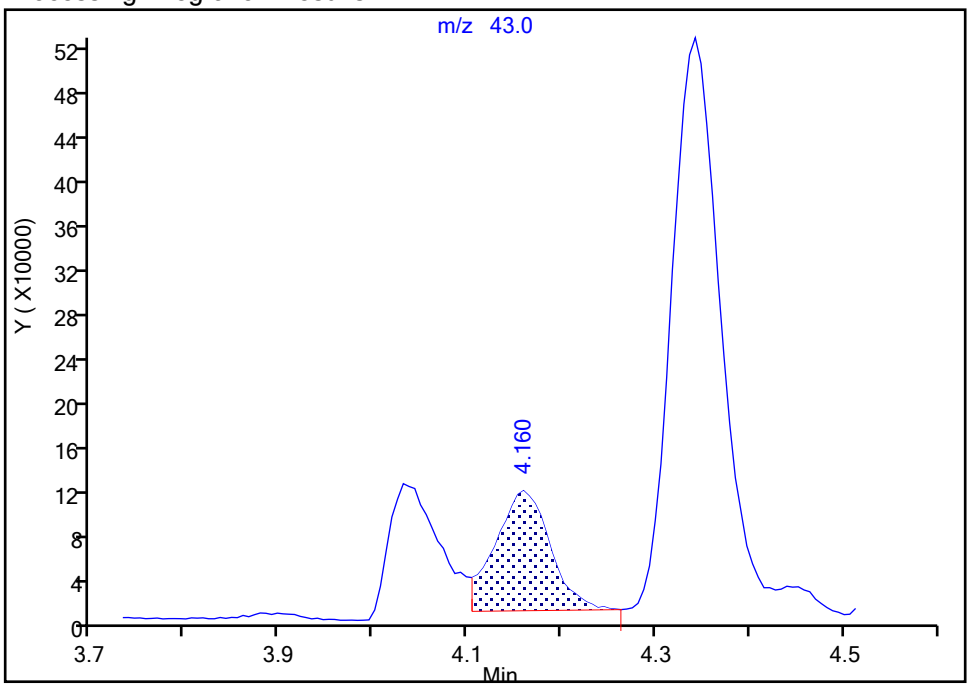
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

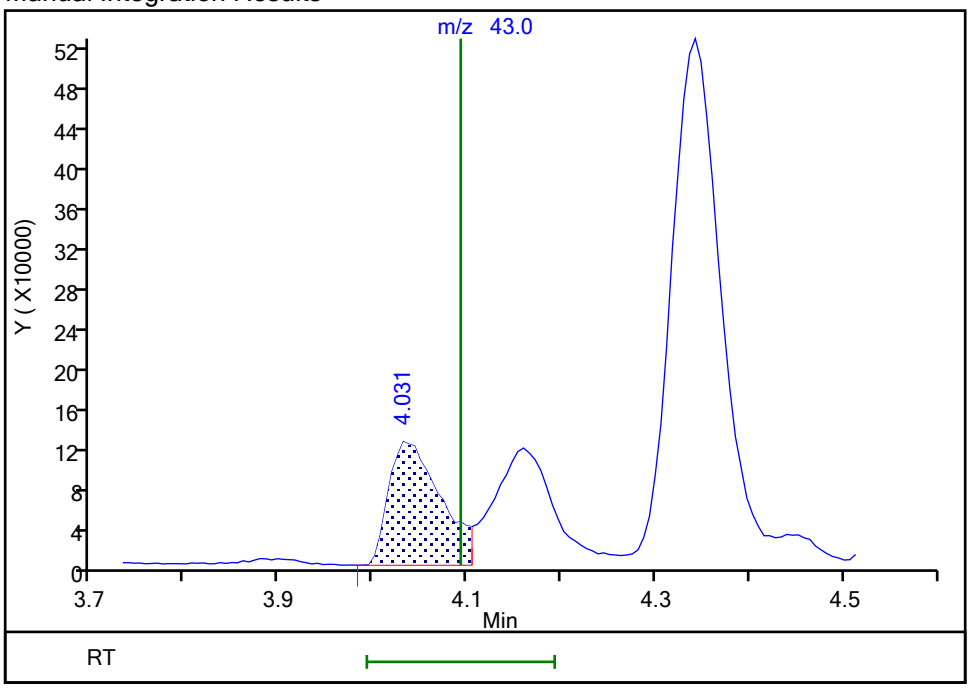
Processing Integration Results

RT: 4.16
Area: 442166
Amount: 8233.2058
Amount Units: ug/l



Manual Integration Results

RT: 4.03
Area: 478580
Amount: 12493
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 13:18:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

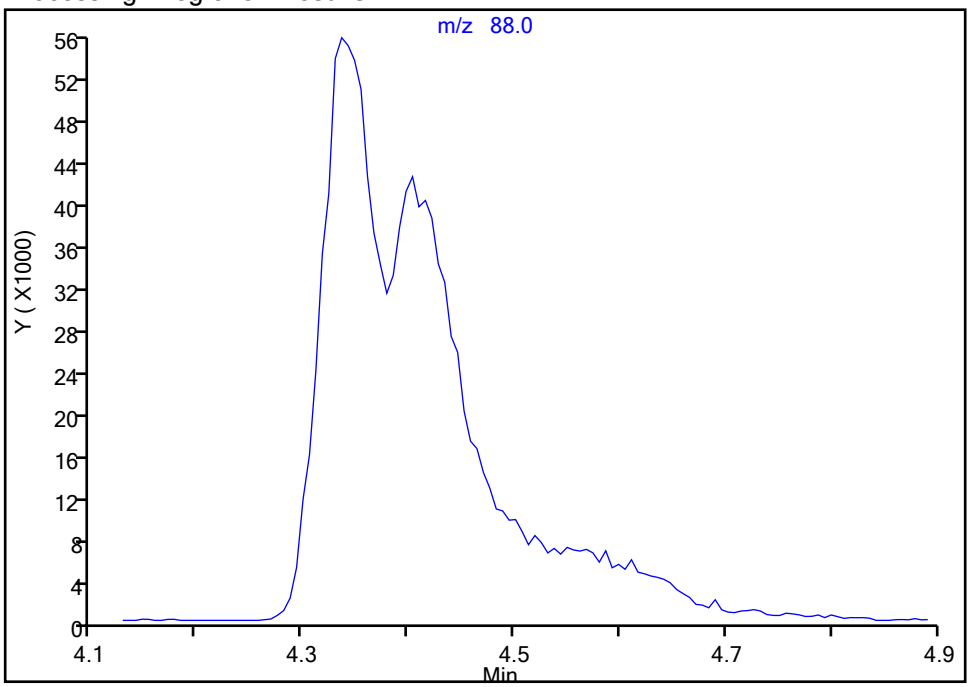
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

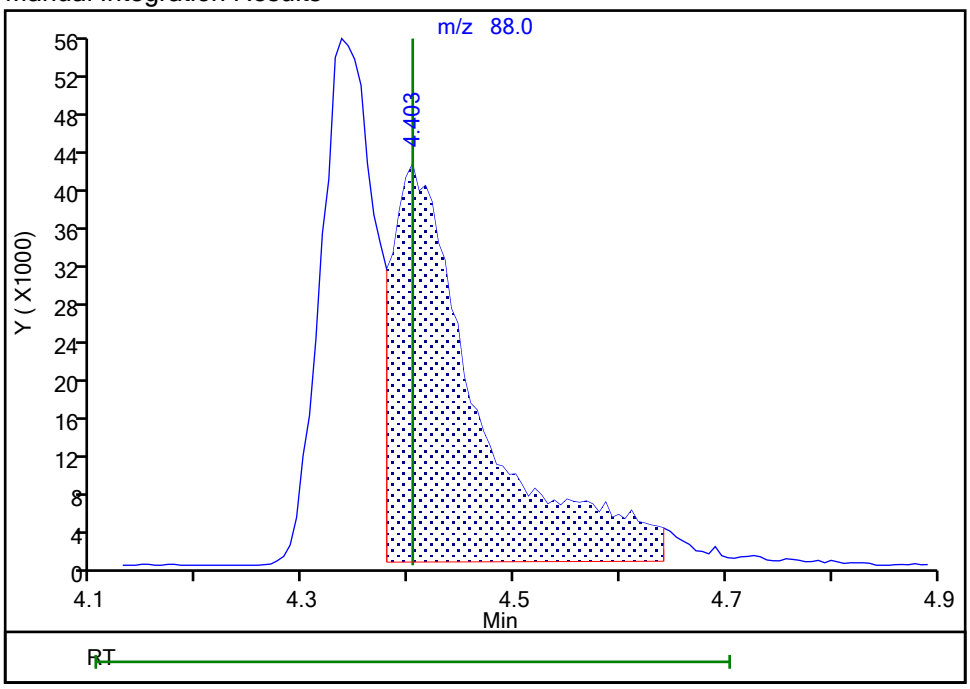
Not Detected
Expected RT: 4.40

Processing Integration Results



Manual Integration Results

RT: 4.40
Area: 243748
Amount: 7509.2375
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:35:44
Audit Action: Manually Integrated Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

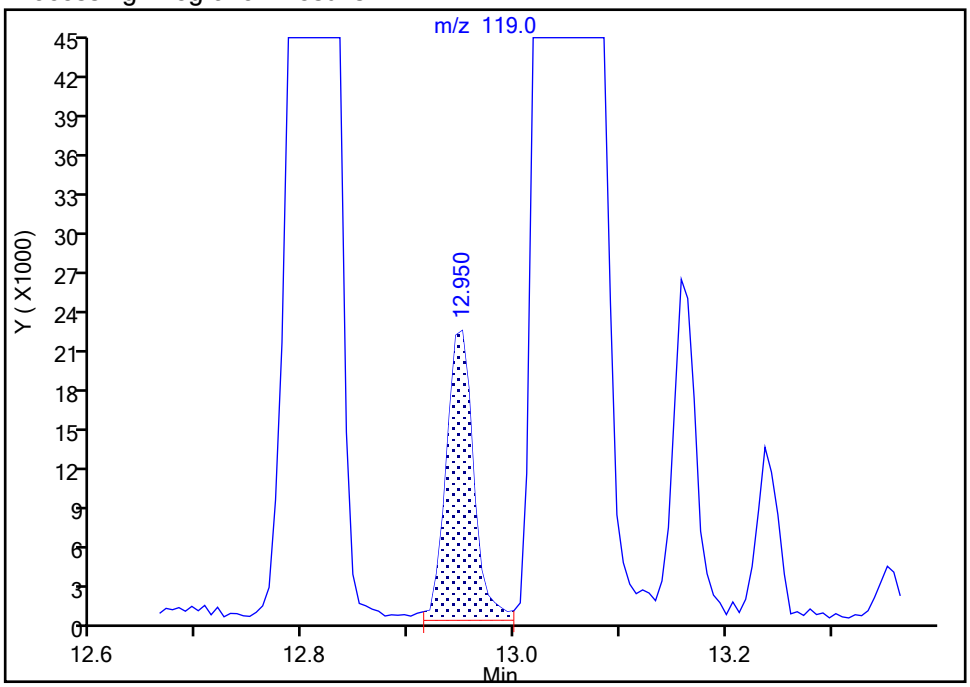
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

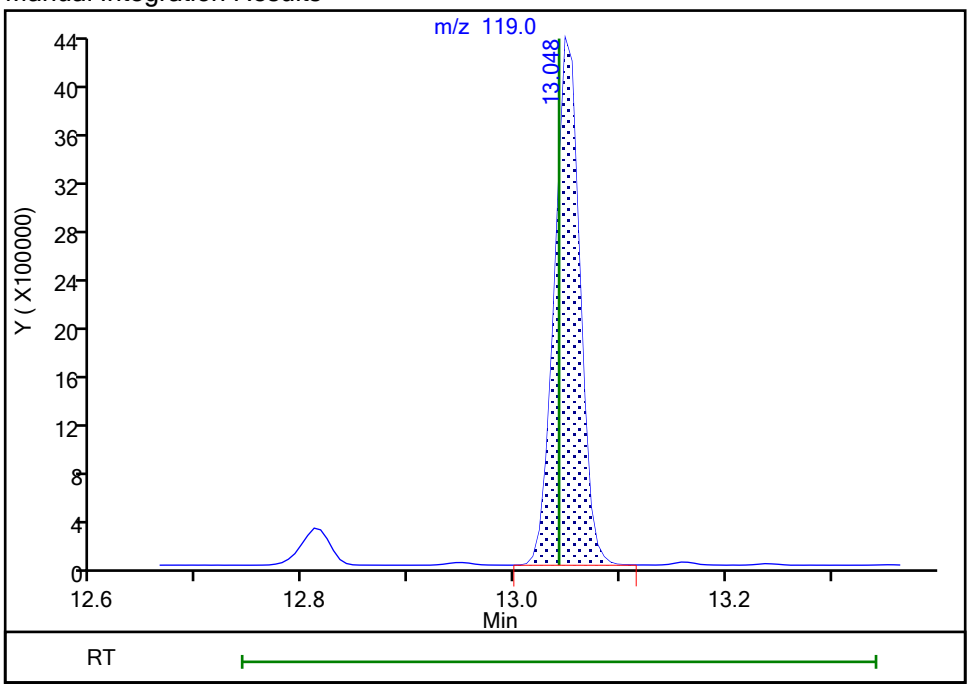
Processing Integration Results

RT: 12.95
Area: 39877
Amount: 3.825636
Amount Units: ug/l



Manual Integration Results

RT: 13.05
Area: 7195049
Amount: 561.7321
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:54:36
Audit Action: Assigned Compound ID Audit Reason: Baseline

Calibration / Chlorodifluoromethane

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

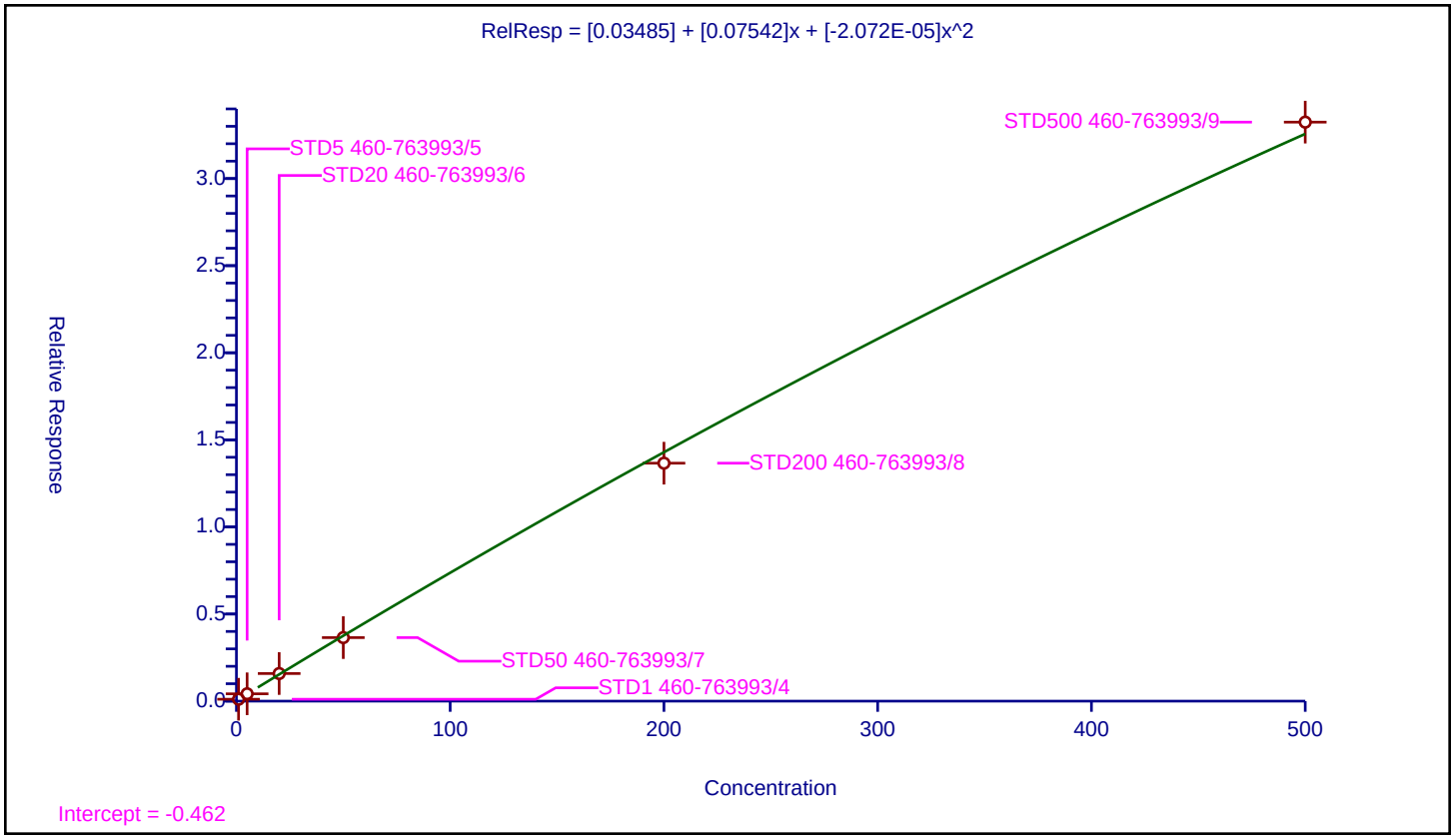
Curve Coefficients

Intercept:	0.03485
Slope:	0.07542
Second Order:	-2.072E-05

Error Coefficients

Standard Error:	327000
Relative Standard Error:	4.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.109807	50.0	554611.0	0.109807	Y
2	STD5 460-763993/5	5.0	0.420682	50.0	607466.0	0.084136	Y
3	STD20 460-763993/6	20.0	1.585172	50.0	582145.0	0.079259	Y
4	STD50 460-763993/7	50.0	3.647134	50.0	642011.0	0.072943	Y
5	STD200 460-763993/8	200.0	13.661188	50.0	715377.0	0.068306	Y
6	STD500 460-763993/9	500.0	33.239665	50.0	795002.0	0.066479	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

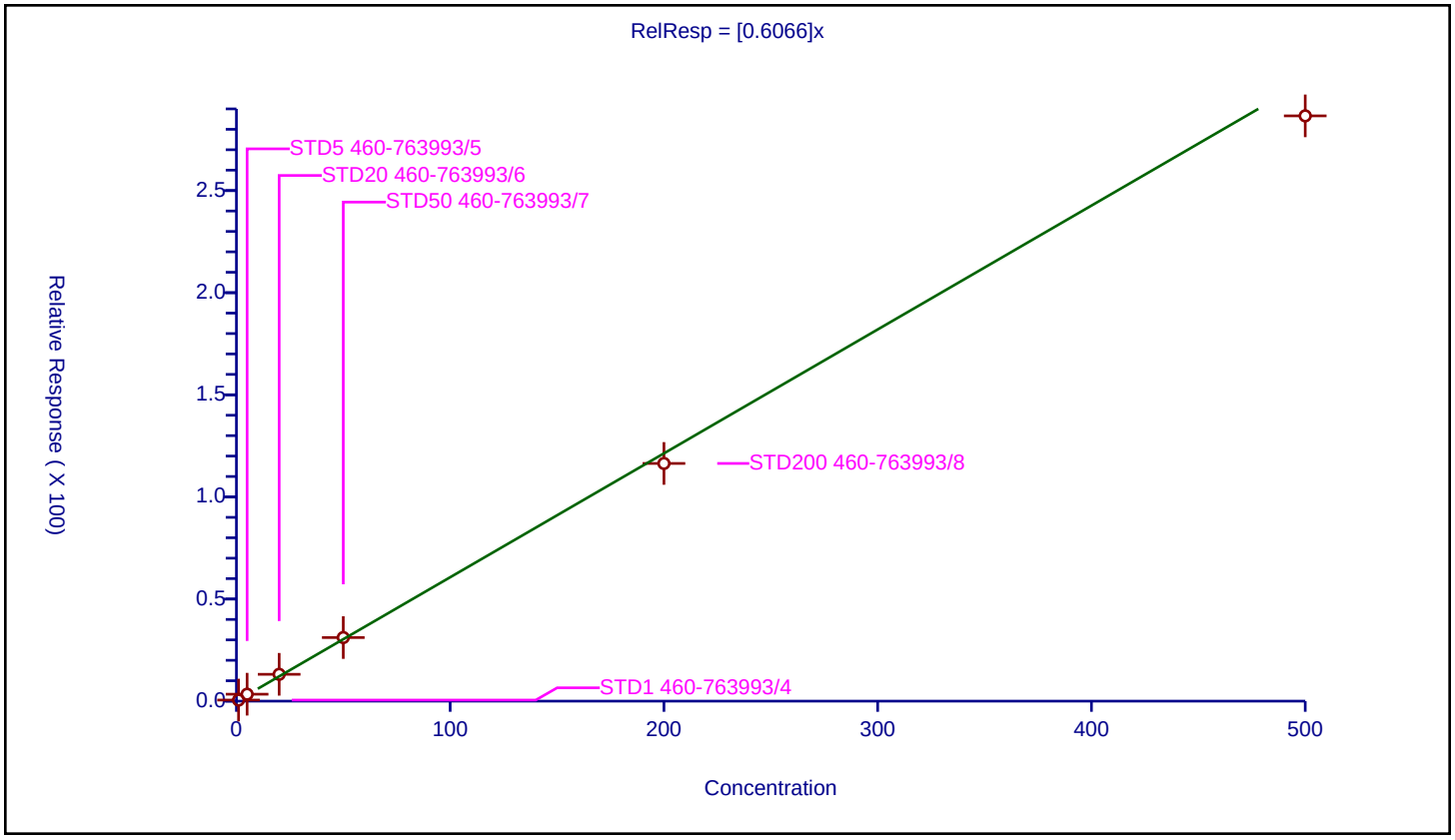
Curve Coefficients

Intercept:	0
Slope:	0.6066

Error Coefficients

Standard Error:	2180000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.524422	50.0	554611.0	0.524422	Y
2	STD5 460-763993/5	5.0	3.402166	50.0	607466.0	0.680433	Y
3	STD20 460-763993/6	20.0	13.138565	50.0	582145.0	0.656928	Y
4	STD50 460-763993/7	50.0	31.140977	50.0	642011.0	0.62282	Y
5	STD200 460-763993/8	200.0	116.383599	50.0	715377.0	0.581918	Y
6	STD500 460-763993/9	500.0	286.584939	50.0	795002.0	0.57317	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

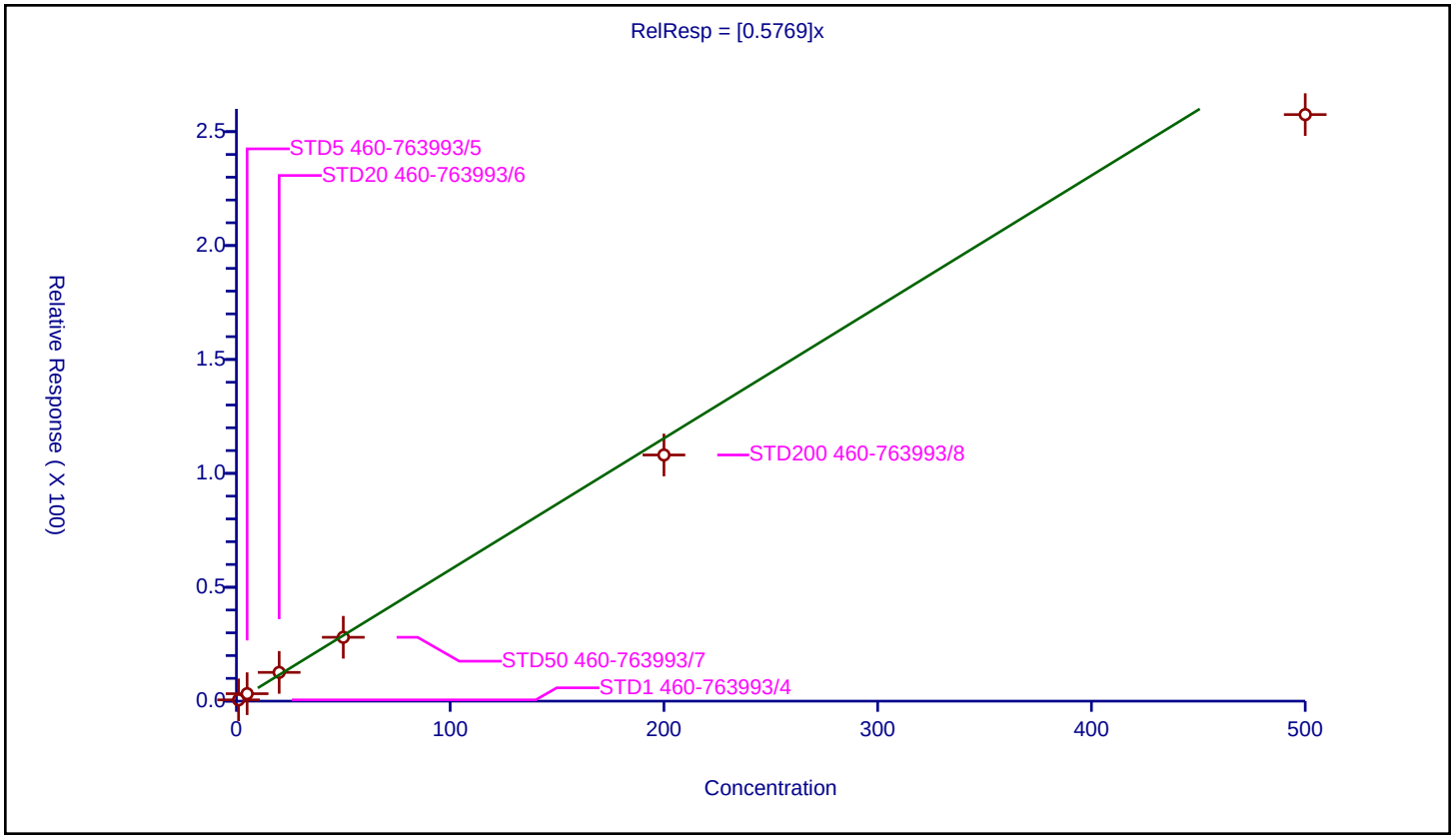
Curve Coefficients

Intercept:	0
Slope:	0.5769

Error Coefficients

Standard Error:	1960000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.561024	50.0	554611.0	0.561024	Y
2	STD5 460-763993/5	5.0	3.266438	50.0	607466.0	0.653288	Y
3	STD20 460-763993/6	20.0	12.621941	50.0	582145.0	0.631097	Y
4	STD50 460-763993/7	50.0	28.028725	50.0	642011.0	0.560575	Y
5	STD200 460-763993/8	200.0	108.069032	50.0	715377.0	0.540345	Y
6	STD500 460-763993/9	500.0	257.49583	50.0	795002.0	0.514992	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

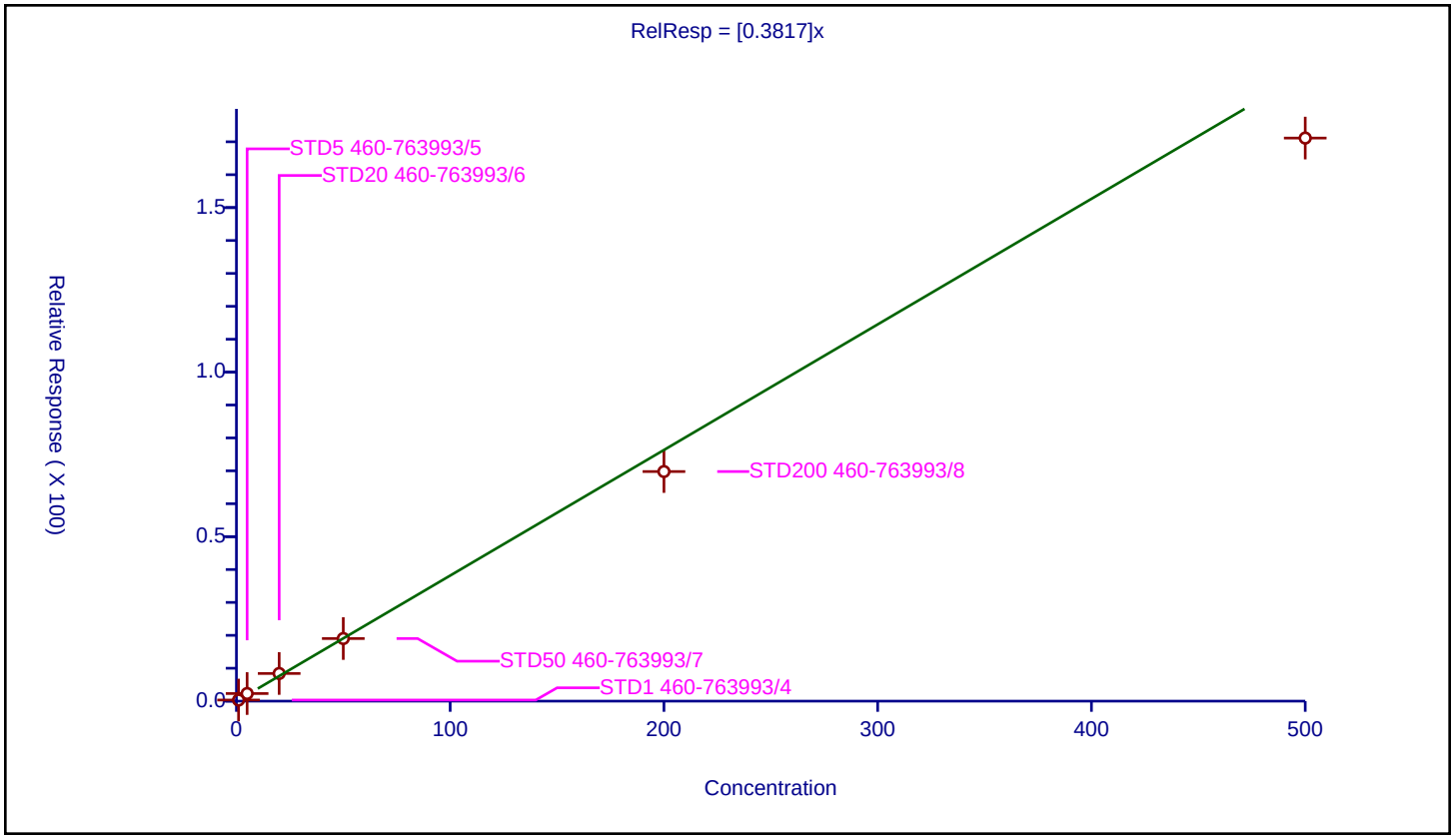
Curve Coefficients

Intercept:	0
Slope:	0.3817

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	13.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.33528	50.0	554611.0	0.33528	Y
2	STD5 460-763993/5	5.0	2.313298	50.0	607466.0	0.46266	Y
3	STD20 460-763993/6	20.0	8.406153	50.0	582145.0	0.420308	Y
4	STD50 460-763993/7	50.0	19.025998	50.0	642011.0	0.38052	Y
5	STD200 460-763993/8	200.0	69.784114	50.0	715377.0	0.348921	Y
6	STD500 460-763993/9	500.0	171.134035	50.0	795002.0	0.342268	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

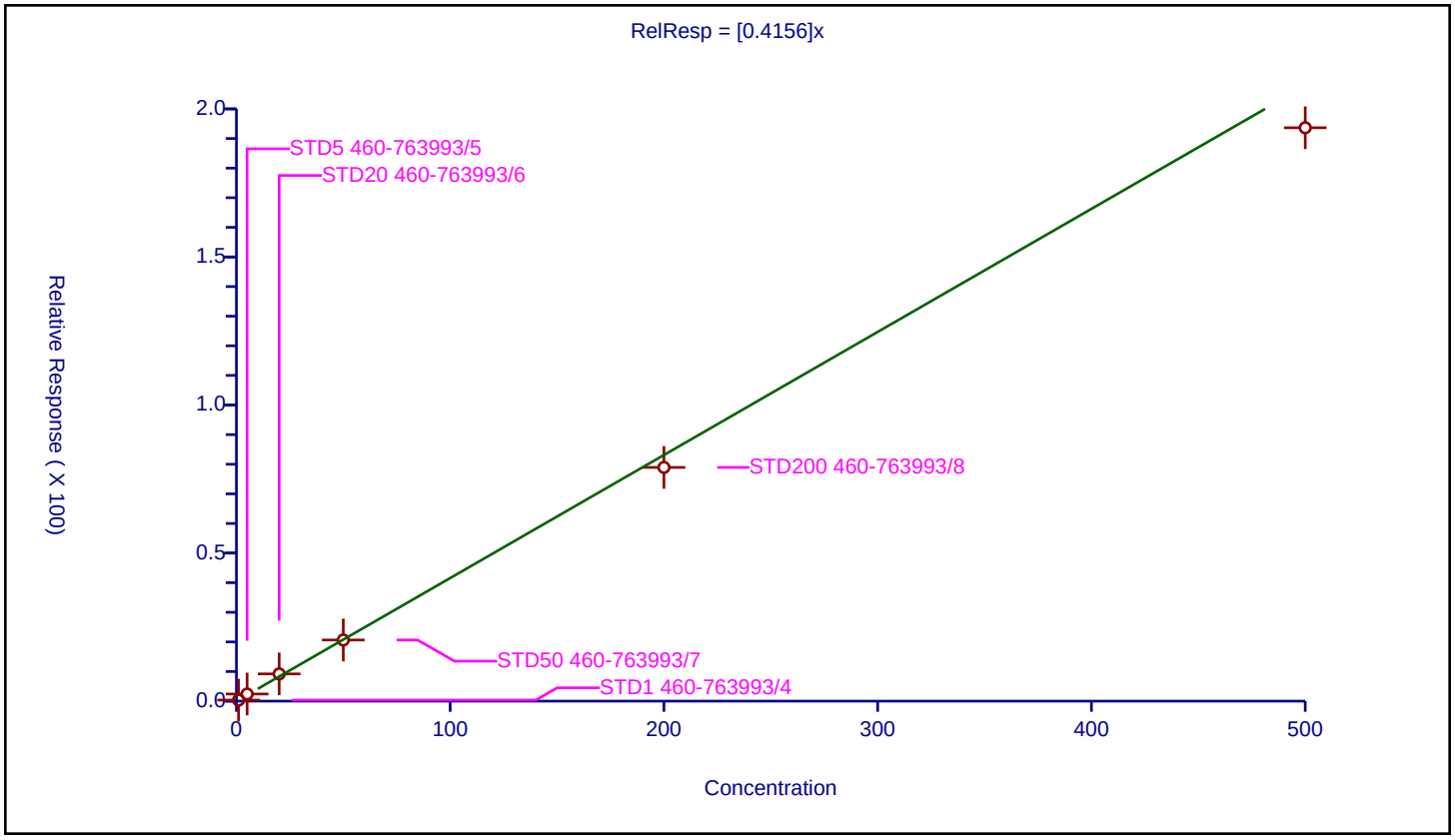
Curve Coefficients

Intercept:	0
Slope:	0.4156

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.357548	50.0	554611.0	0.357548	Y
2	STD5 460-763993/5	5.0	2.406637	50.0	607466.0	0.481327	Y
3	STD20 460-763993/6	20.0	9.198052	50.0	582145.0	0.459903	Y
4	STD50 460-763993/7	50.0	20.648322	50.0	642011.0	0.412966	Y
5	STD200 460-763993/8	200.0	78.925727	50.0	715377.0	0.394629	Y
6	STD500 460-763993/9	500.0	193.627815	50.0	795002.0	0.387256	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

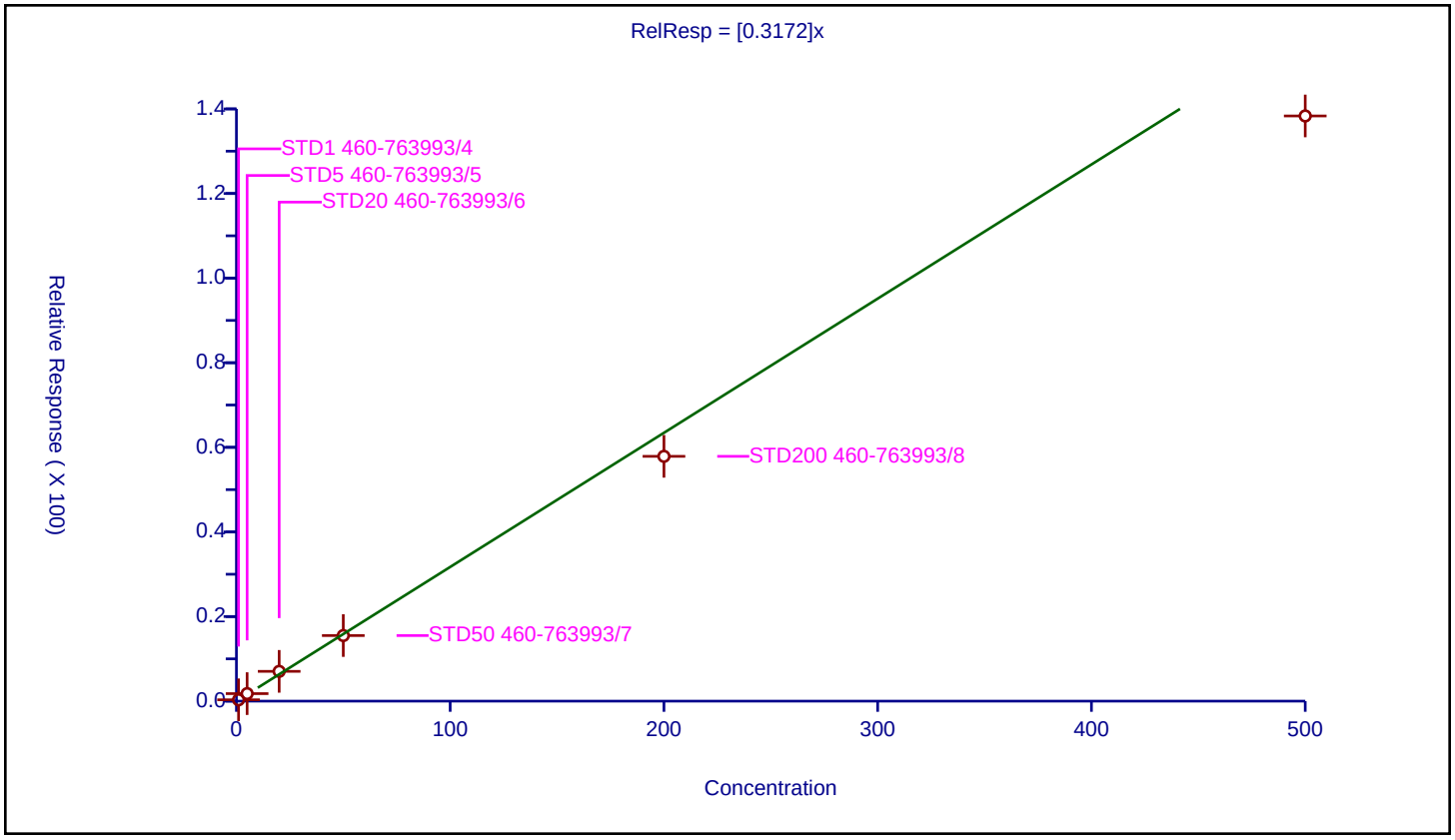
Curve Coefficients

Intercept:	0
Slope:	0.3172

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	10.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.318512	50.0	554611.0	0.318512	Y
2	STD5 460-763993/5	5.0	1.781334	50.0	607466.0	0.356267	Y
3	STD20 460-763993/6	20.0	7.041373	50.0	582145.0	0.352069	Y
4	STD50 460-763993/7	50.0	15.503317	50.0	642011.0	0.310066	Y
5	STD200 460-763993/8	200.0	57.867949	50.0	715377.0	0.28934	Y
6	STD500 460-763993/9	500.0	138.333614	50.0	795002.0	0.276667	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

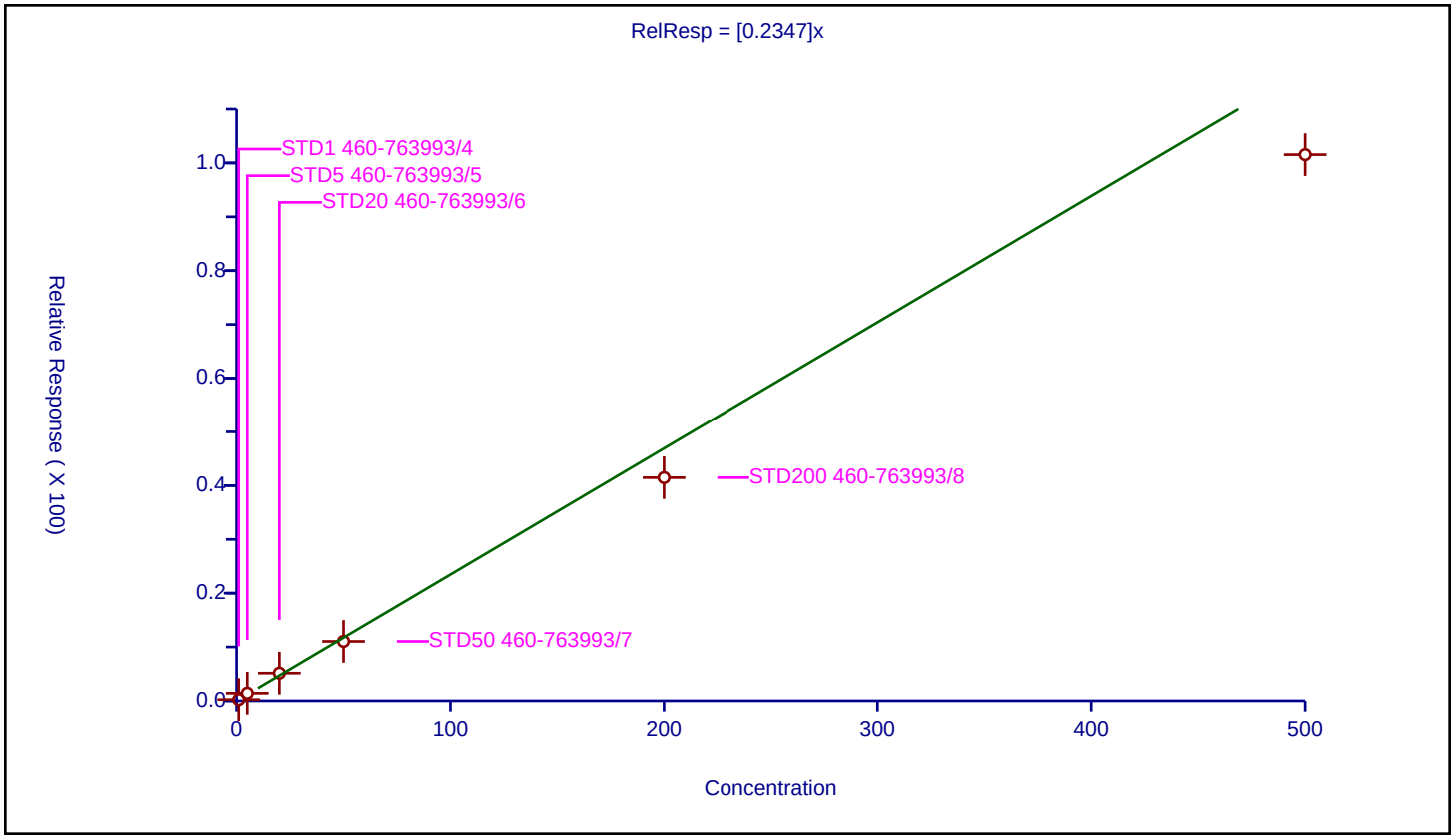
Curve Coefficients

Intercept:	0
Slope:	0.2347

Error Coefficients

Standard Error:	772000
Relative Standard Error:	13.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.236292	50.0	554611.0	0.236292	Y
2	STD5 460-763993/5	5.0	1.417034	50.0	607466.0	0.283407	Y
3	STD20 460-763993/6	20.0	5.140386	50.0	582145.0	0.257019	Y
4	STD50 460-763993/7	50.0	11.034157	50.0	642011.0	0.220683	Y
5	STD200 460-763993/8	200.0	41.484979	50.0	715377.0	0.207425	Y
6	STD500 460-763993/9	500.0	101.548046	50.0	795002.0	0.203096	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

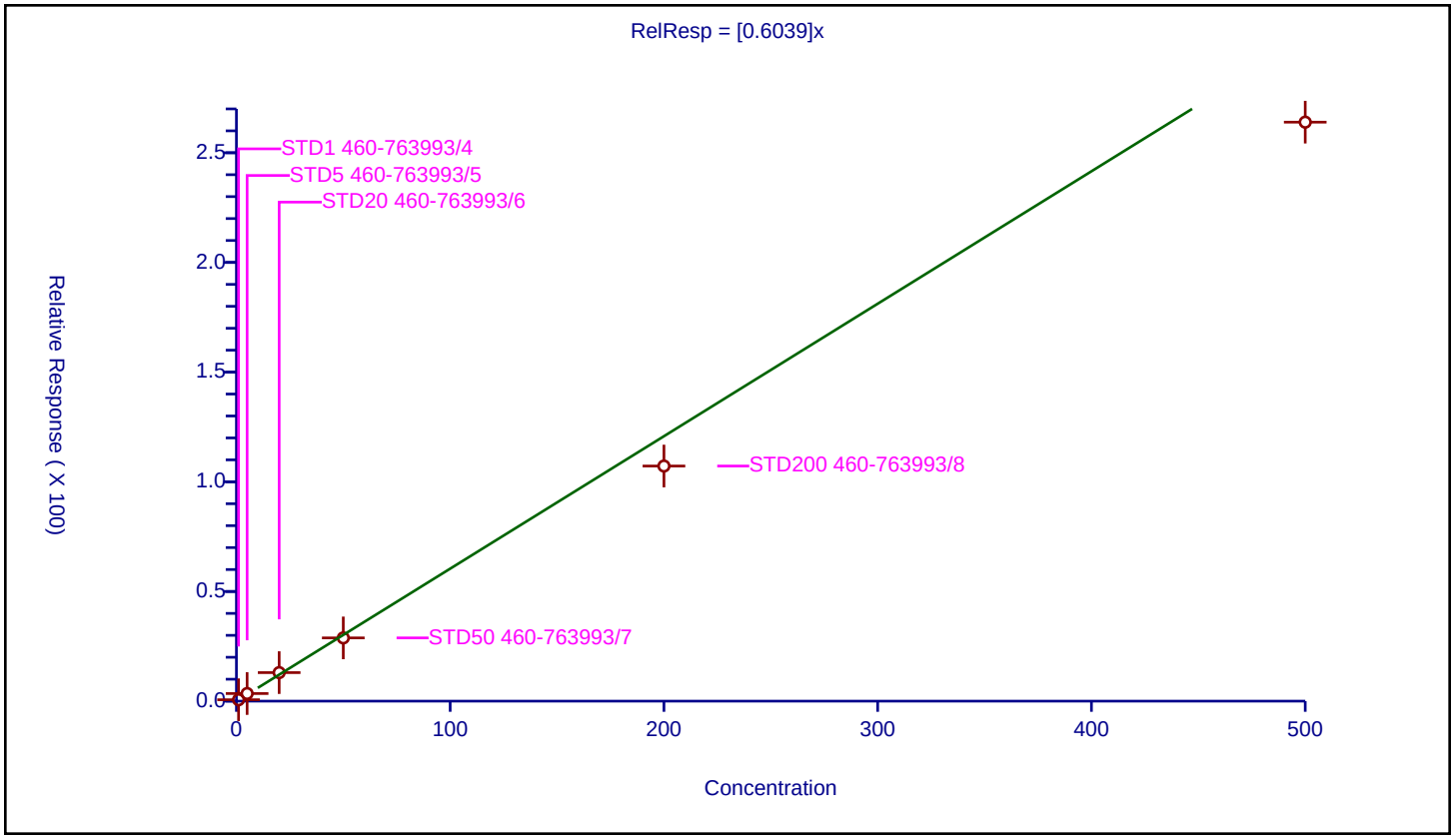
Curve Coefficients

Intercept:	0
Slope:	0.6039

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.638646	50.0	554611.0	0.638646	Y
2	STD5 460-763993/5	5.0	3.470153	50.0	607466.0	0.694031	Y
3	STD20 460-763993/6	20.0	13.005609	50.0	582145.0	0.65028	Y
4	STD50 460-763993/7	50.0	28.829023	50.0	642011.0	0.57658	Y
5	STD200 460-763993/8	200.0	107.1802	50.0	715377.0	0.535901	Y
6	STD500 460-763993/9	500.0	263.952103	50.0	795002.0	0.527904	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

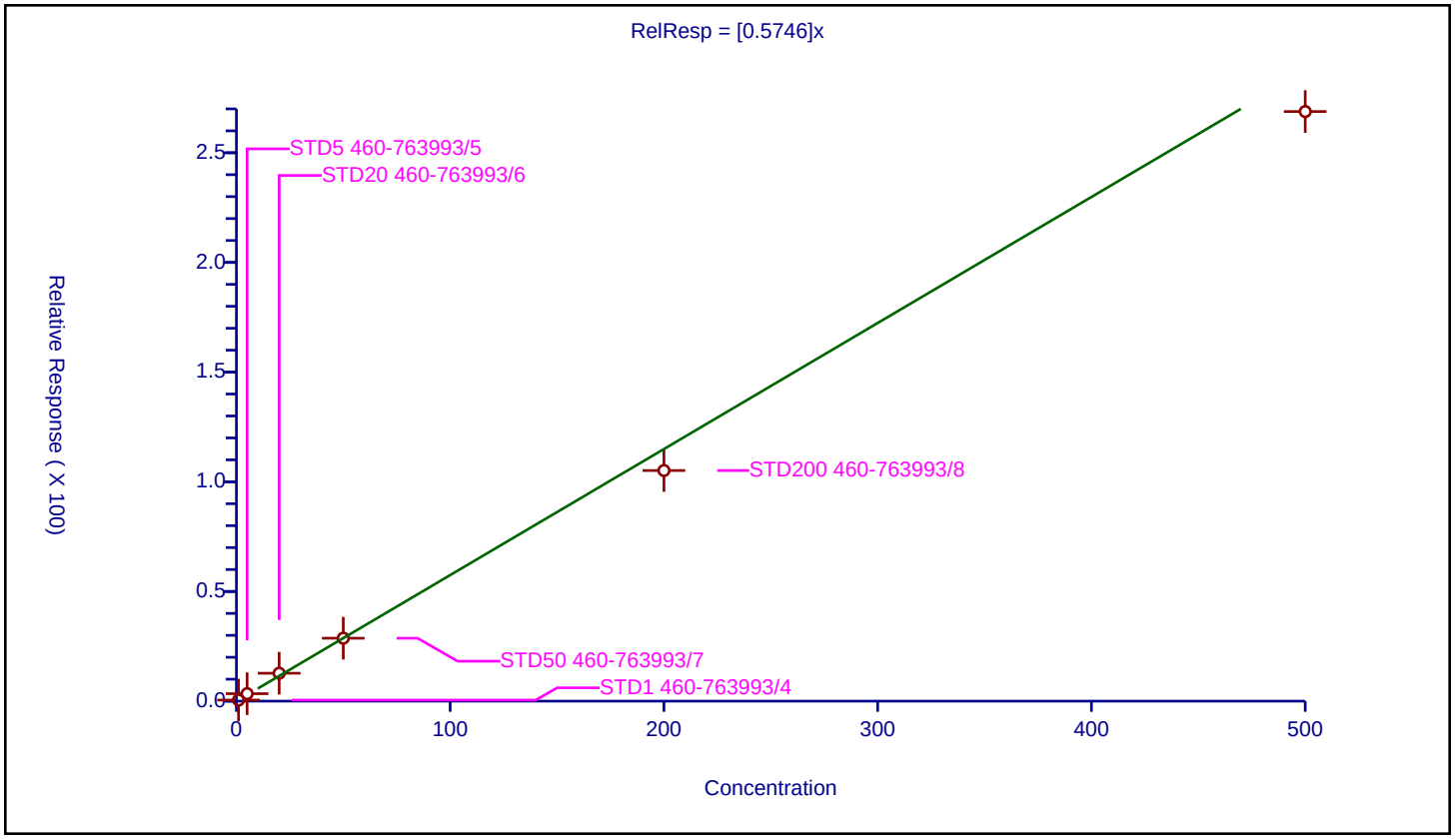
Curve Coefficients

Intercept:	0
Slope:	0.5746

Error Coefficients

Standard Error:	2030000
Relative Standard Error:	12.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.492688	50.0	554611.0	0.492688	Y
2	STD5 460-763993/5	5.0	3.41015	50.0	607466.0	0.68203	Y
3	STD20 460-763993/6	20.0	12.719168	50.0	582145.0	0.635958	Y
4	STD50 460-763993/7	50.0	28.690007	50.0	642011.0	0.5738	Y
5	STD200 460-763993/8	200.0	105.131001	50.0	715377.0	0.525655	Y
6	STD500 460-763993/9	500.0	268.787751	50.0	795002.0	0.537576	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

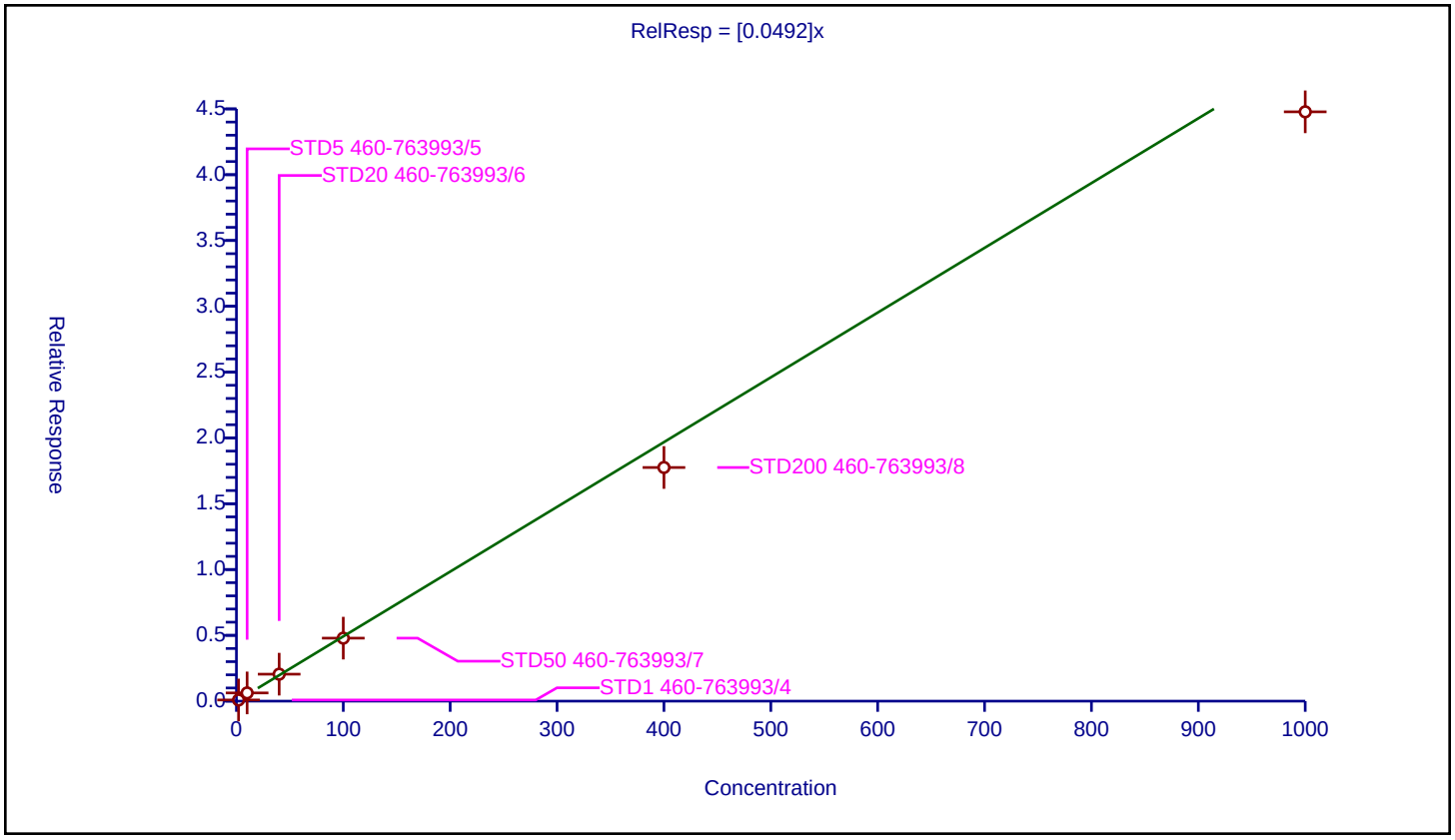
Curve Coefficients

Intercept:	0
Slope:	0.0492

Error Coefficients

Standard Error:	339000
Relative Standard Error:	14.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.088891	50.0	554611.0	0.044446	Y
2	STD5 460-763993/5	10.0	0.624809	50.0	607466.0	0.062481	Y
3	STD20 460-763993/6	40.0	2.049833	50.0	582145.0	0.051246	Y
4	STD50 460-763993/7	100.0	4.787301	50.0	642011.0	0.047873	Y
5	STD200 460-763993/8	400.0	17.752807	50.0	715377.0	0.044382	Y
6	STD500 460-763993/9	1000.0	44.778063	50.0	795002.0	0.044778	Y



Calibration / Ethanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

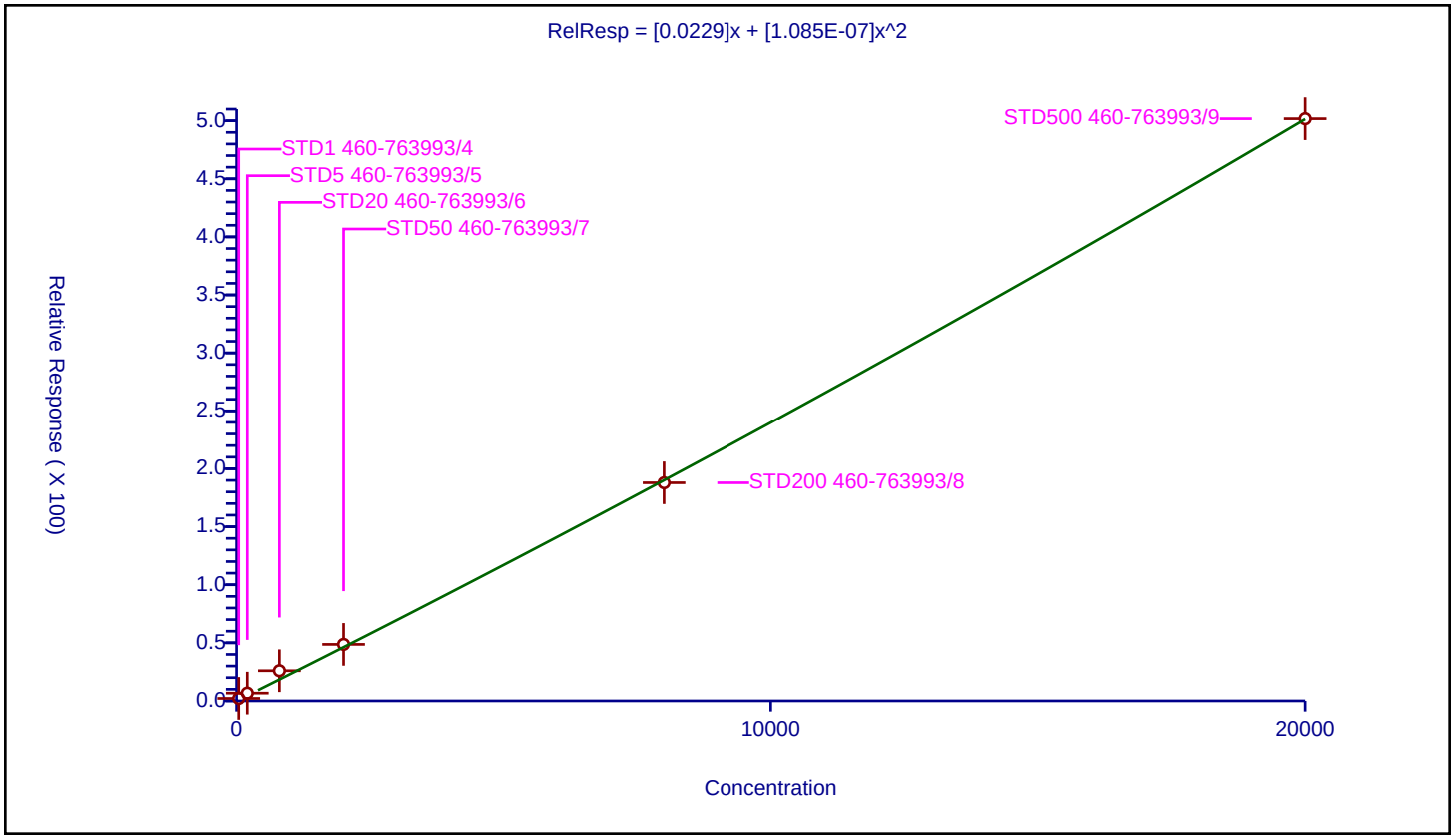
Curve Coefficients

Intercept:	0
Slope:	0.0229
Second Order:	1.085E-07

Error Coefficients

Standard Error:	74200
Relative Standard Error:	73.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	40.0	2.135087	1000.0	261816.0	0.053377	Y
2	STD5 460-763993/5	200.0	6.682107	1000.0	248275.0	0.033411	Y
3	STD20 460-763993/6	800.0	25.97397	1000.0	230269.0	0.032467	Y
4	STD50 460-763993/7	2000.0	48.658654	1000.0	292281.0	0.024329	Y
5	STD200 460-763993/8	8000.0	187.947147	1000.0	272002.0	0.023493	Y
6	STD500 460-763993/9	20000.0	501.762679	1000.0	277135.0	0.025088	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

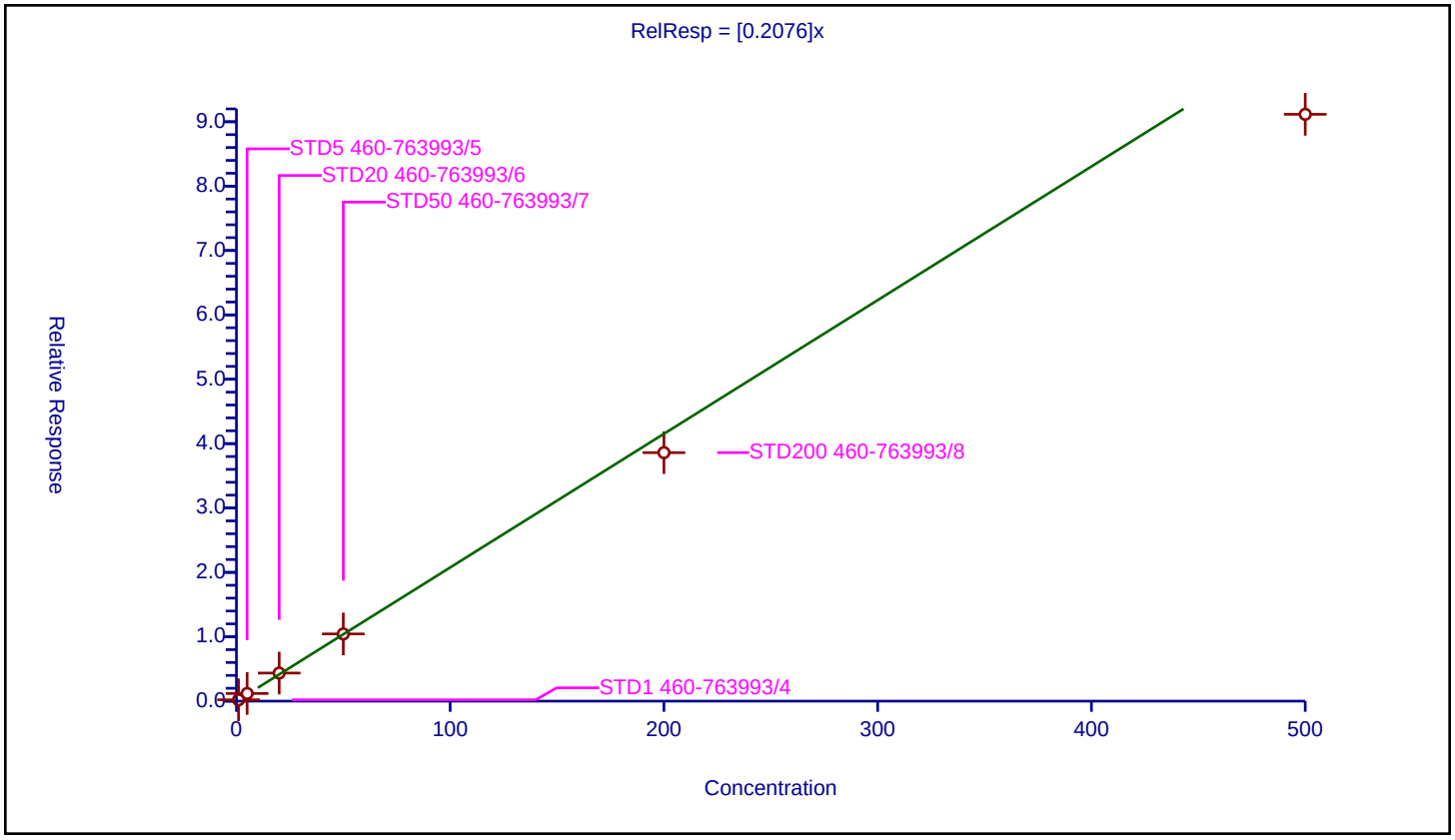
Curve Coefficients

Intercept:	0
Slope:	0.2076

Error Coefficients

Standard Error:	697000
Relative Standard Error:	9.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.20564	50.0	554611.0	0.20564	Y
2	STD5 460-763993/5	5.0	1.190025	50.0	607466.0	0.238005	Y
3	STD20 460-763993/6	20.0	4.360769	50.0	582145.0	0.218038	Y
4	STD50 460-763993/7	50.0	10.439463	50.0	642011.0	0.208789	Y
5	STD200 460-763993/8	200.0	38.603631	50.0	715377.0	0.193018	Y
6	STD500 460-763993/9	500.0	91.158261	50.0	795002.0	0.182317	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

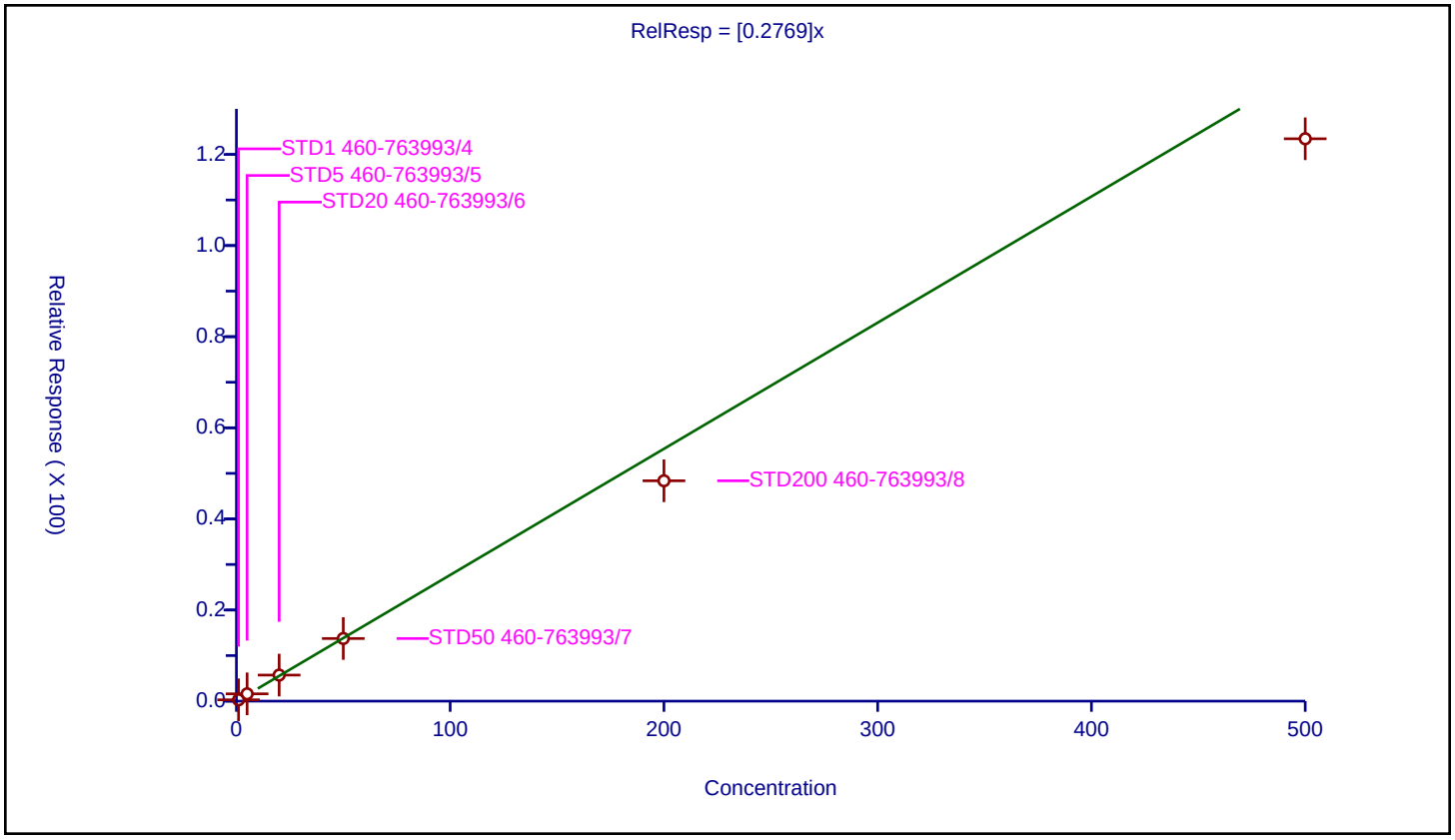
Curve Coefficients

Intercept:	0
Slope:	0.2769

Error Coefficients

Standard Error:	935000
Relative Standard Error:	10.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.290384	50.0	554611.0	0.290384	Y
2	STD5 460-763993/5	5.0	1.606674	50.0	607466.0	0.321335	Y
3	STD20 460-763993/6	20.0	5.722457	50.0	582145.0	0.286123	Y
4	STD50 460-763993/7	50.0	13.745715	50.0	642011.0	0.274914	Y
5	STD200 460-763993/8	200.0	48.371278	50.0	715377.0	0.241856	Y
6	STD500 460-763993/9	500.0	123.439627	50.0	795002.0	0.246879	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

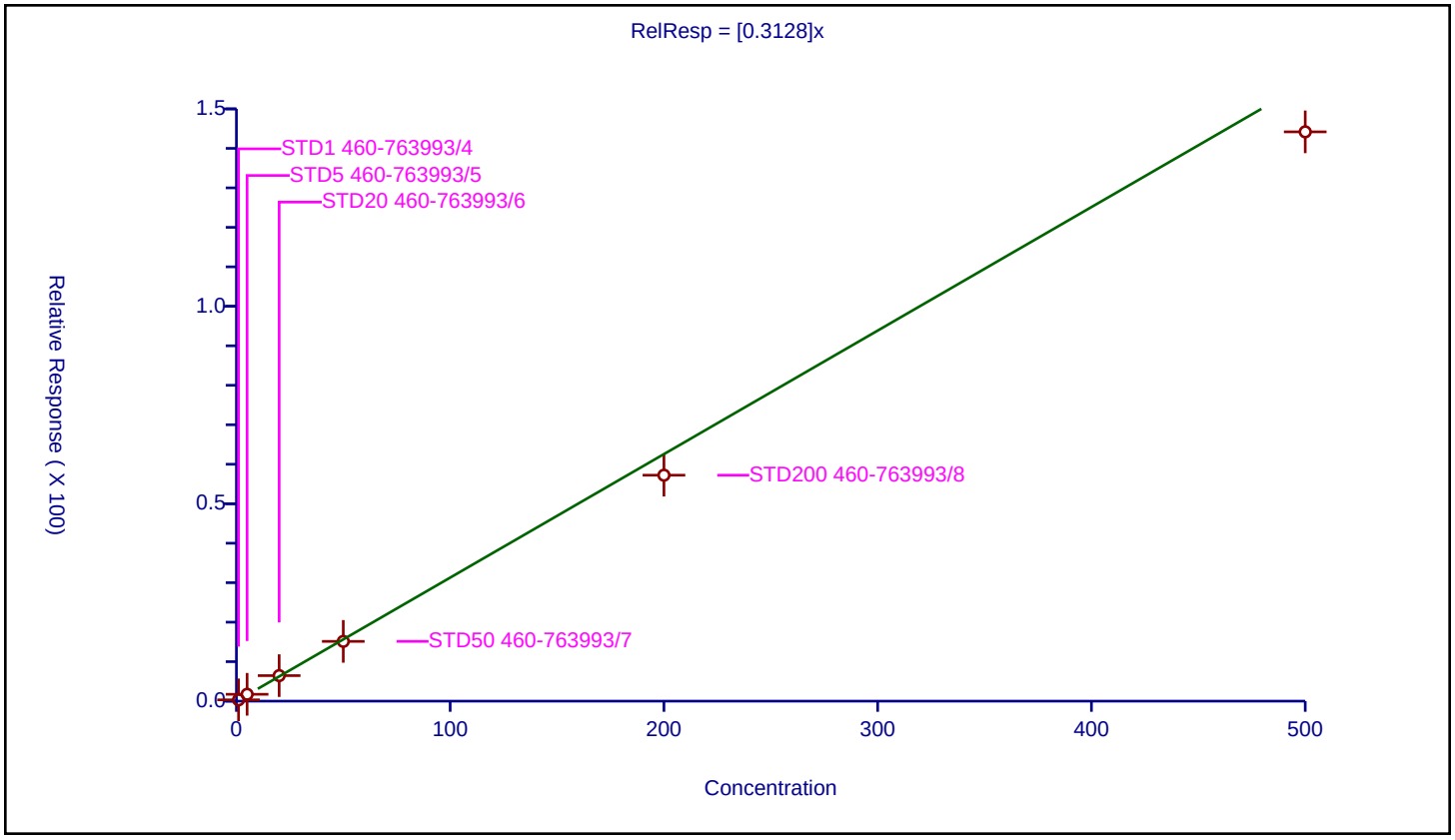
Curve Coefficients

Intercept:	0
Slope:	0.3128

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.328699	50.0	554611.0	0.328699	Y
2	STD5 460-763993/5	5.0	1.739604	50.0	607466.0	0.347921	Y
3	STD20 460-763993/6	20.0	6.462909	50.0	582145.0	0.323145	Y
4	STD50 460-763993/7	50.0	15.136968	50.0	642011.0	0.302739	Y
5	STD200 460-763993/8	200.0	57.224163	50.0	715377.0	0.286121	Y
6	STD500 460-763993/9	500.0	144.185549	50.0	795002.0	0.288371	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

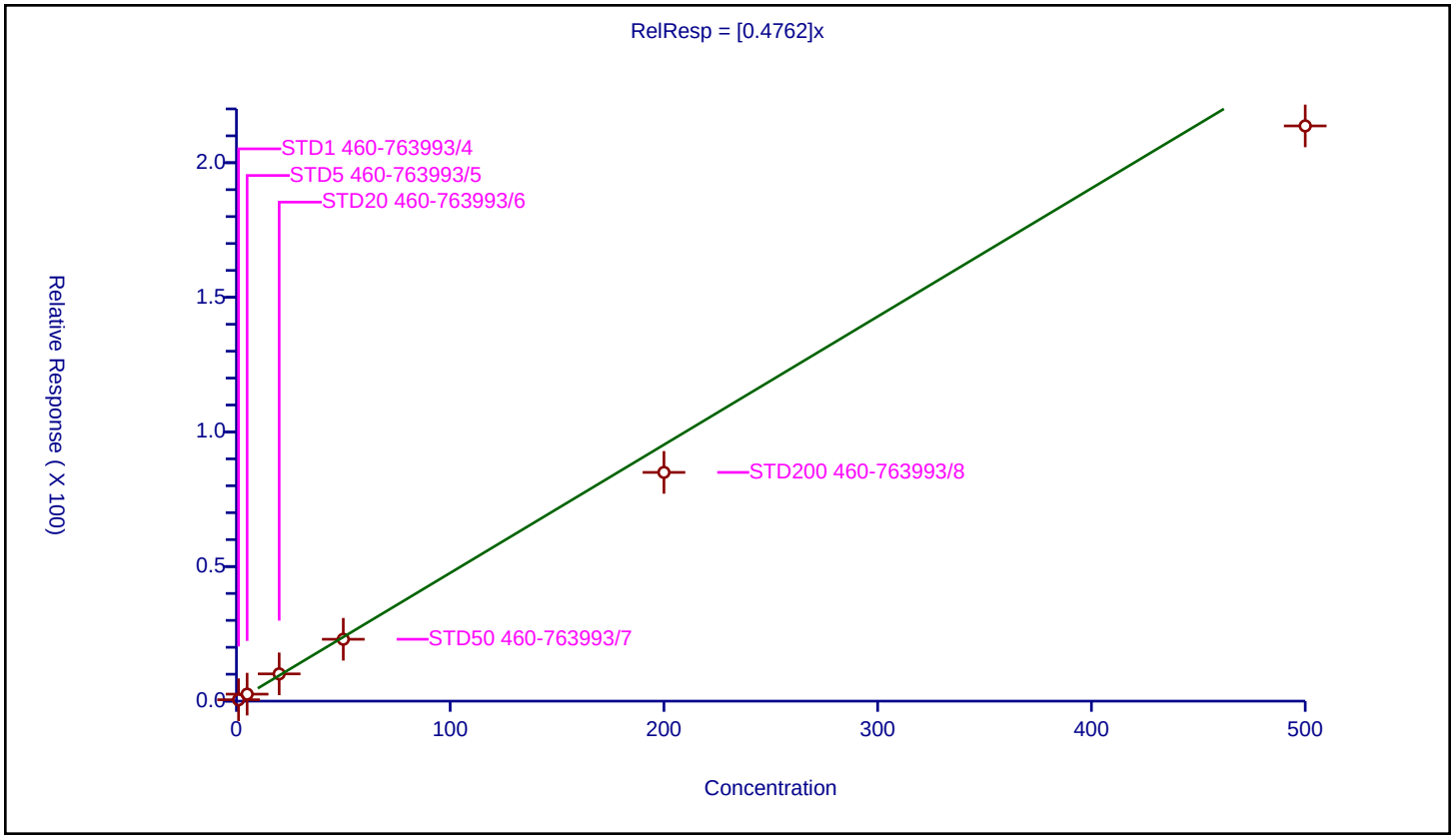
Curve Coefficients

Intercept:	0
Slope:	0.4762

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.519193	50.0	554611.0	0.519193	Y
2	STD5 460-763993/5	5.0	2.598499	50.0	607466.0	0.5197	Y
3	STD20 460-763993/6	20.0	10.130981	50.0	582145.0	0.506549	Y
4	STD50 460-763993/7	50.0	22.985432	50.0	642011.0	0.459709	Y
5	STD200 460-763993/8	200.0	84.975684	50.0	715377.0	0.424878	Y
6	STD500 460-763993/9	500.0	213.678016	50.0	795002.0	0.427356	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

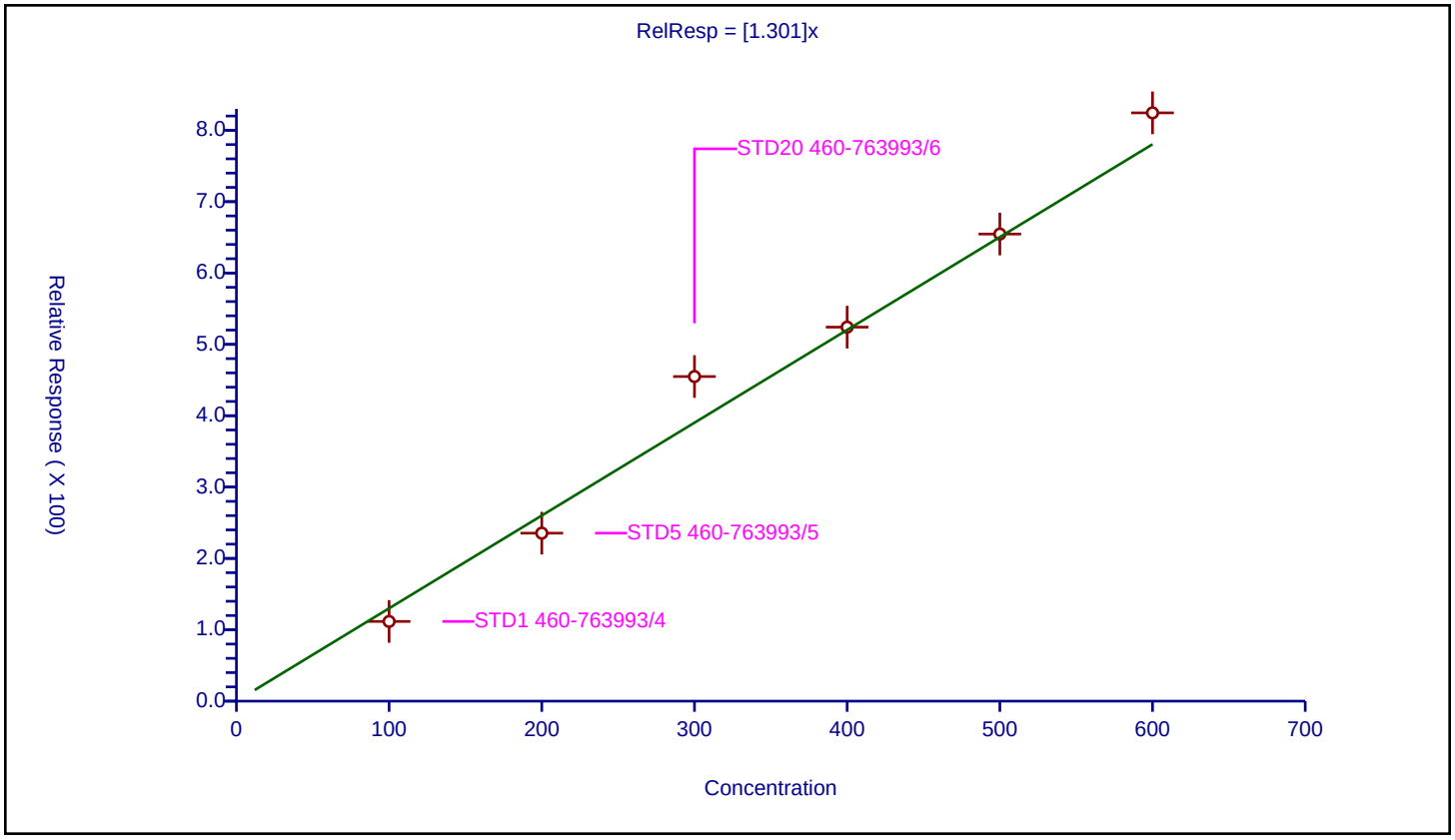
Curve Coefficients

Intercept:	0
Slope:	1.301

Error Coefficients

Standard Error:	156000
Relative Standard Error:	10.9
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	100.00041	111.689125	1000.0	261816.0	1.116887	Y
2	STD5 460-763993/5	200.00082	235.428456	1000.0	248275.0	1.177137	Y
3	STD20 460-763993/6	300.00123	454.898401	1000.0	230269.0	1.516322	Y
4	STD50 460-763993/7	400.00164	524.13602	1000.0	292281.0	1.310335	Y
5	STD200 460-763993/8	500.00205	654.594452	1000.0	272002.0	1.309184	Y
6	STD500 460-763993/9	600.00246	824.428528	1000.0	277135.0	1.374042	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

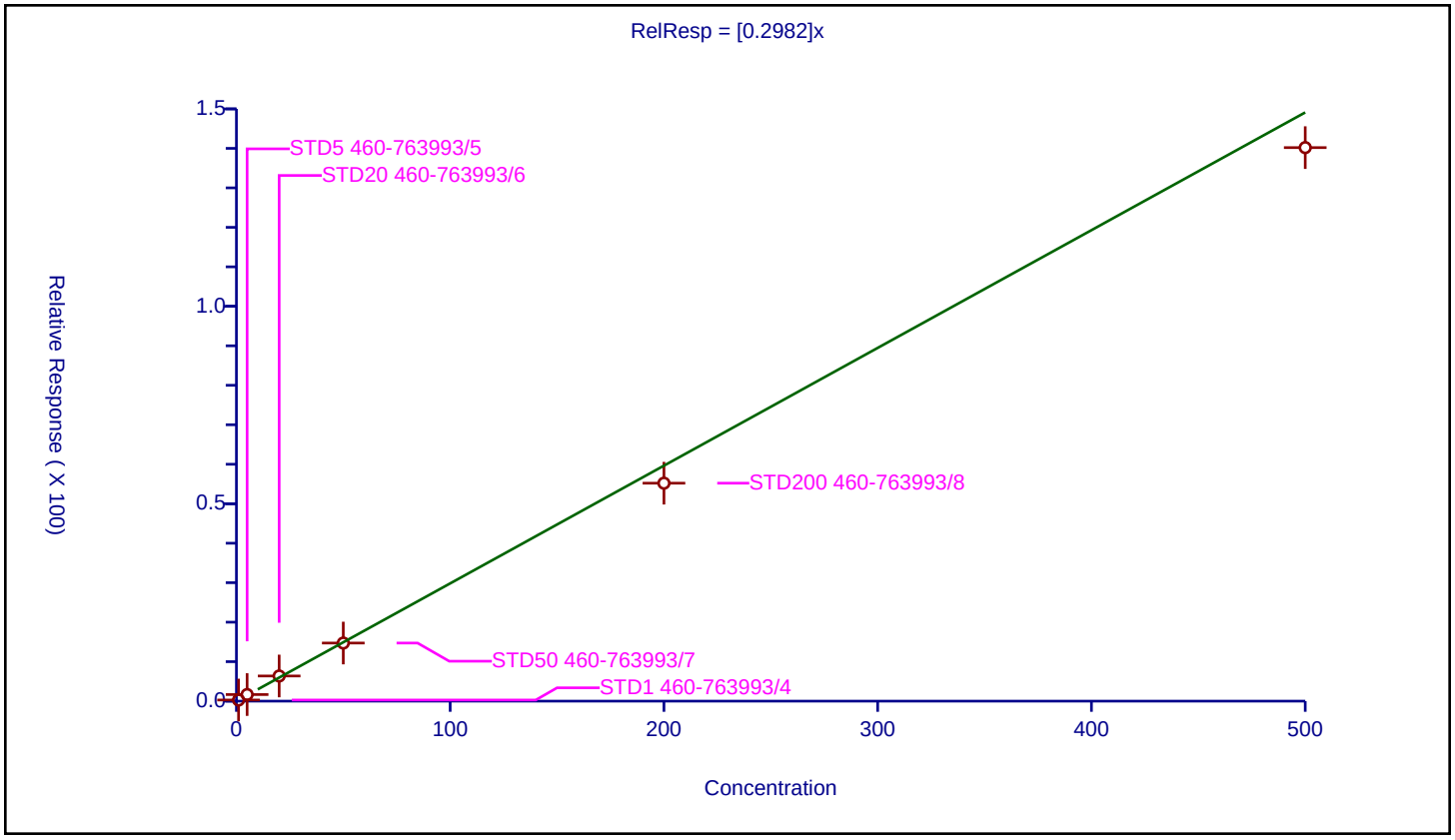
Curve Coefficients

Intercept:	0
Slope:	0.2982

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	7.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.286327	50.0	554611.0	0.286327	Y
2	STD5 460-763993/5	5.0	1.667912	50.0	607466.0	0.333582	Y
3	STD20 460-763993/6	20.0	6.373756	50.0	582145.0	0.318688	Y
4	STD50 460-763993/7	50.0	14.713377	50.0	642011.0	0.294268	Y
5	STD200 460-763993/8	200.0	55.200964	50.0	715377.0	0.276005	Y
6	STD500 460-763993/9	500.0	140.191849	50.0	795002.0	0.280384	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

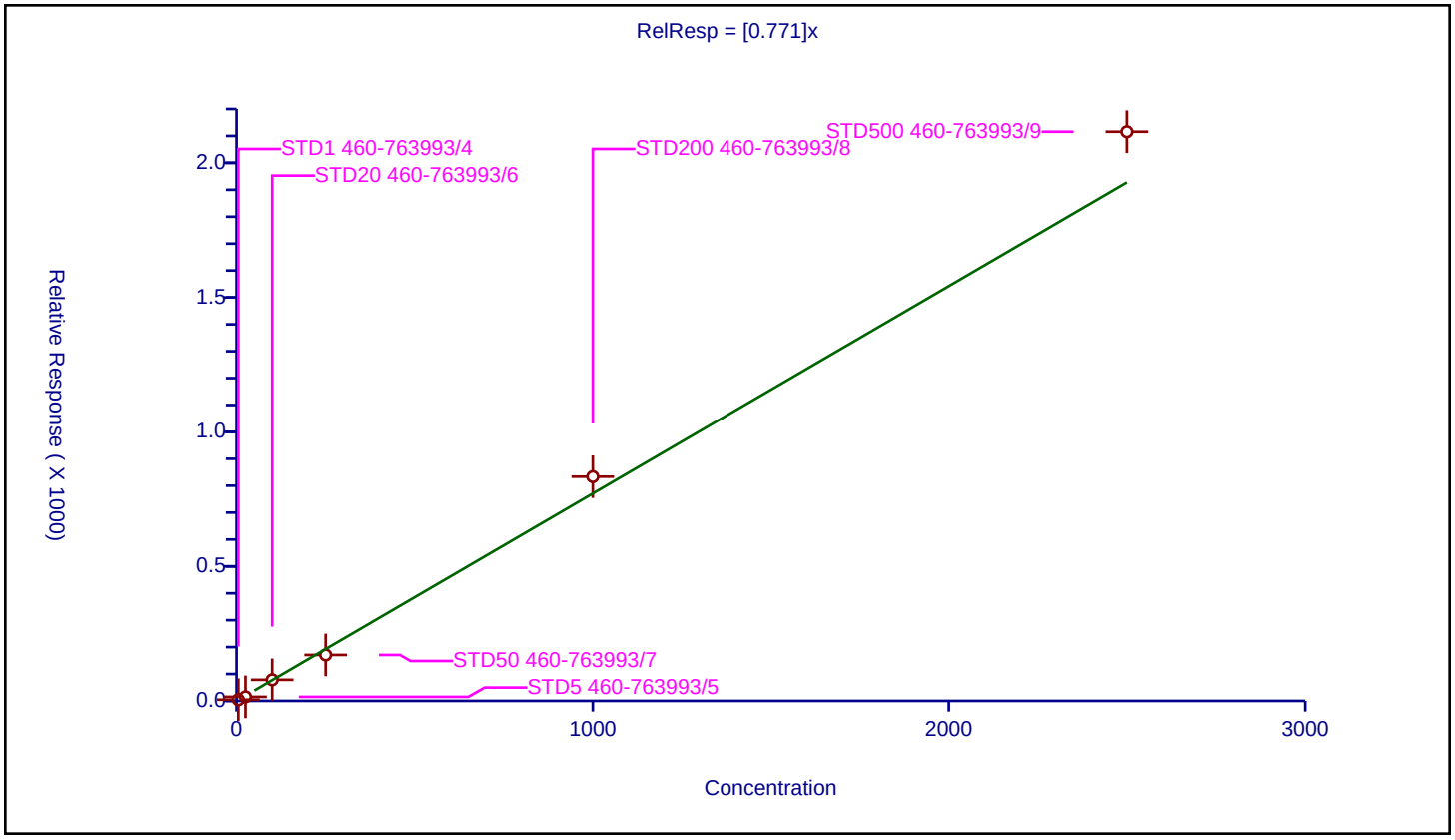
Curve Coefficients

Intercept:	0
Slope:	0.771

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	14.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	5.0	4.396086	250.0	261312.0	0.879217	Y
2	STD5 460-763993/5	25.0	15.012985	250.0	290332.0	0.600519	Y
3	STD20 460-763993/6	100.0	78.30782	250.0	255032.0	0.783078	Y
4	STD50 460-763993/7	250.0	170.821977	250.0	324705.0	0.683288	Y
5	STD200 460-763993/8	1000.0	833.632619	250.0	333850.0	0.833633	Y
6	STD500 460-763993/9	2500.0	2115.622644	250.0	343607.0	0.846249	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

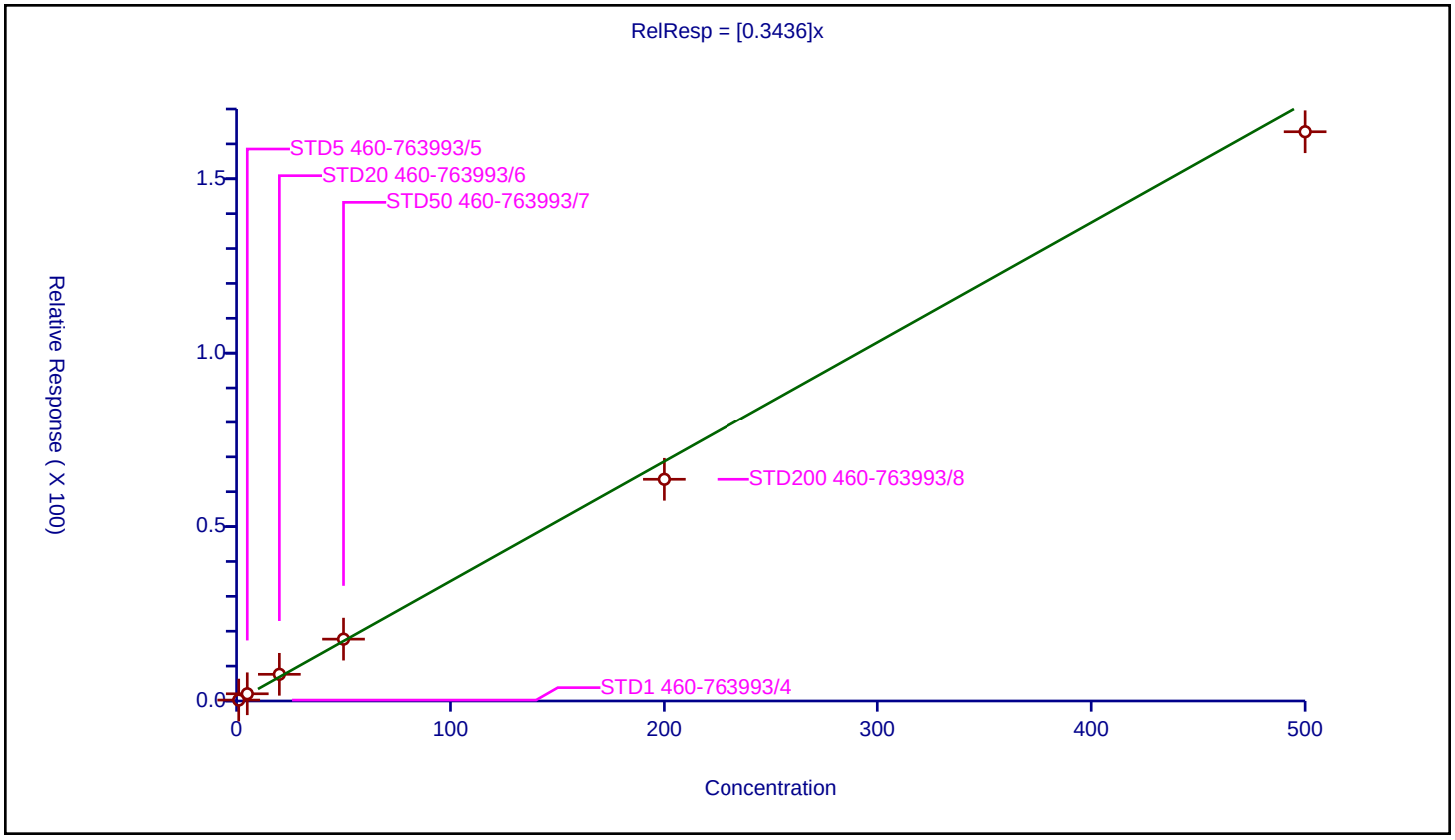
Curve Coefficients

Intercept:	0
Slope:	0.3436

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	15.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.266583	50.0	554611.0	0.266583	Y
2	STD5 460-763993/5	5.0	2.065301	50.0	607466.0	0.41306	Y
3	STD20 460-763993/6	20.0	7.650499	50.0	582145.0	0.382525	Y
4	STD50 460-763993/7	50.0	17.72898	50.0	642011.0	0.35458	Y
5	STD200 460-763993/8	200.0	63.562499	50.0	715377.0	0.317812	Y
6	STD500 460-763993/9	500.0	163.485815	50.0	795002.0	0.326972	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

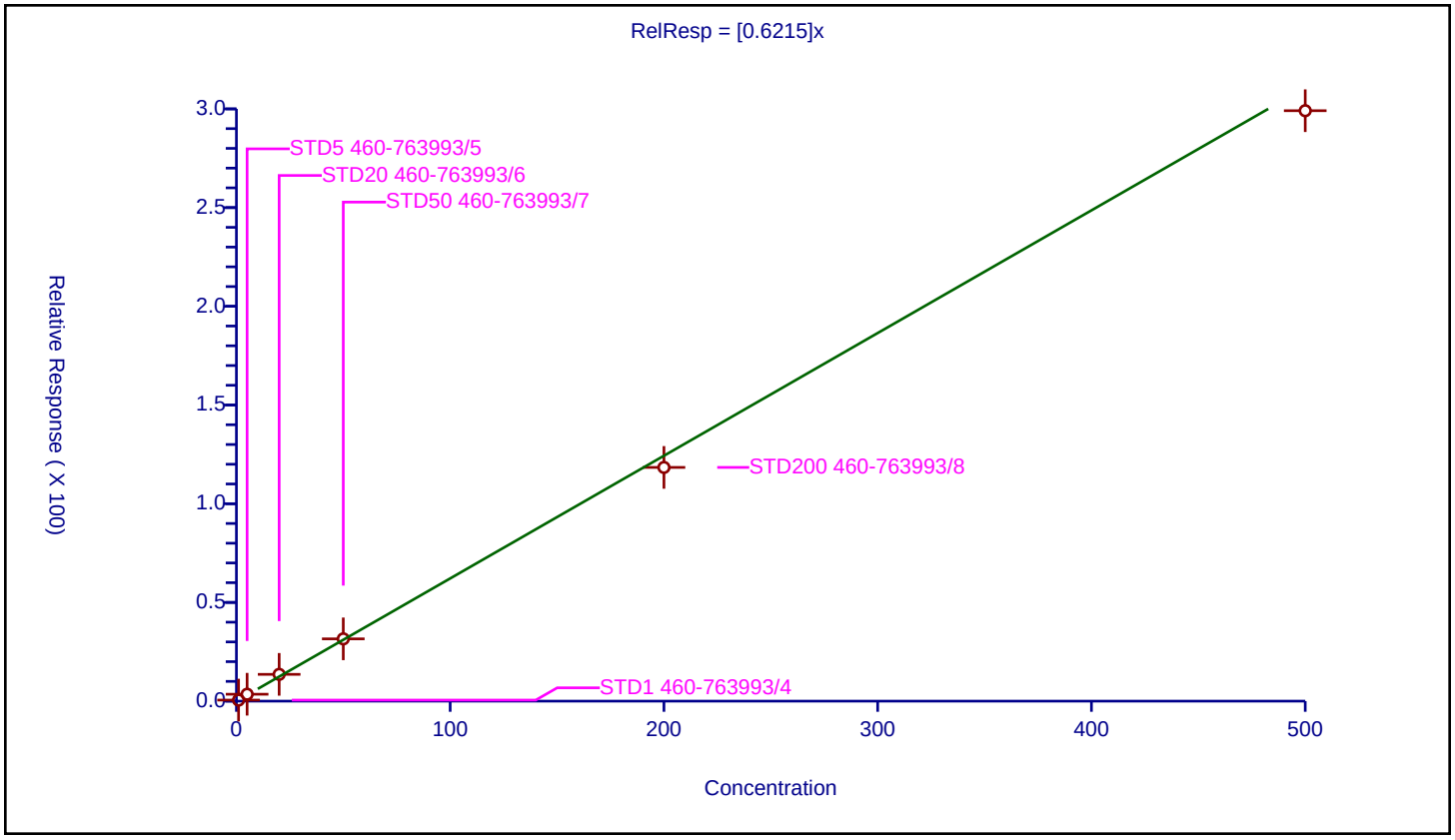
Curve Coefficients

Intercept:	0
Slope:	0.6215

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	10.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.528208	50.0	554611.0	0.528208	Y
2	STD5 460-763993/5	5.0	3.506451	50.0	607466.0	0.70129	Y
3	STD20 460-763993/6	20.0	13.567067	50.0	582145.0	0.678353	Y
4	STD50 460-763993/7	50.0	31.553821	50.0	642011.0	0.631076	Y
5	STD200 460-763993/8	200.0	118.386319	50.0	715377.0	0.591932	Y
6	STD500 460-763993/9	500.0	299.075726	50.0	795002.0	0.598151	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

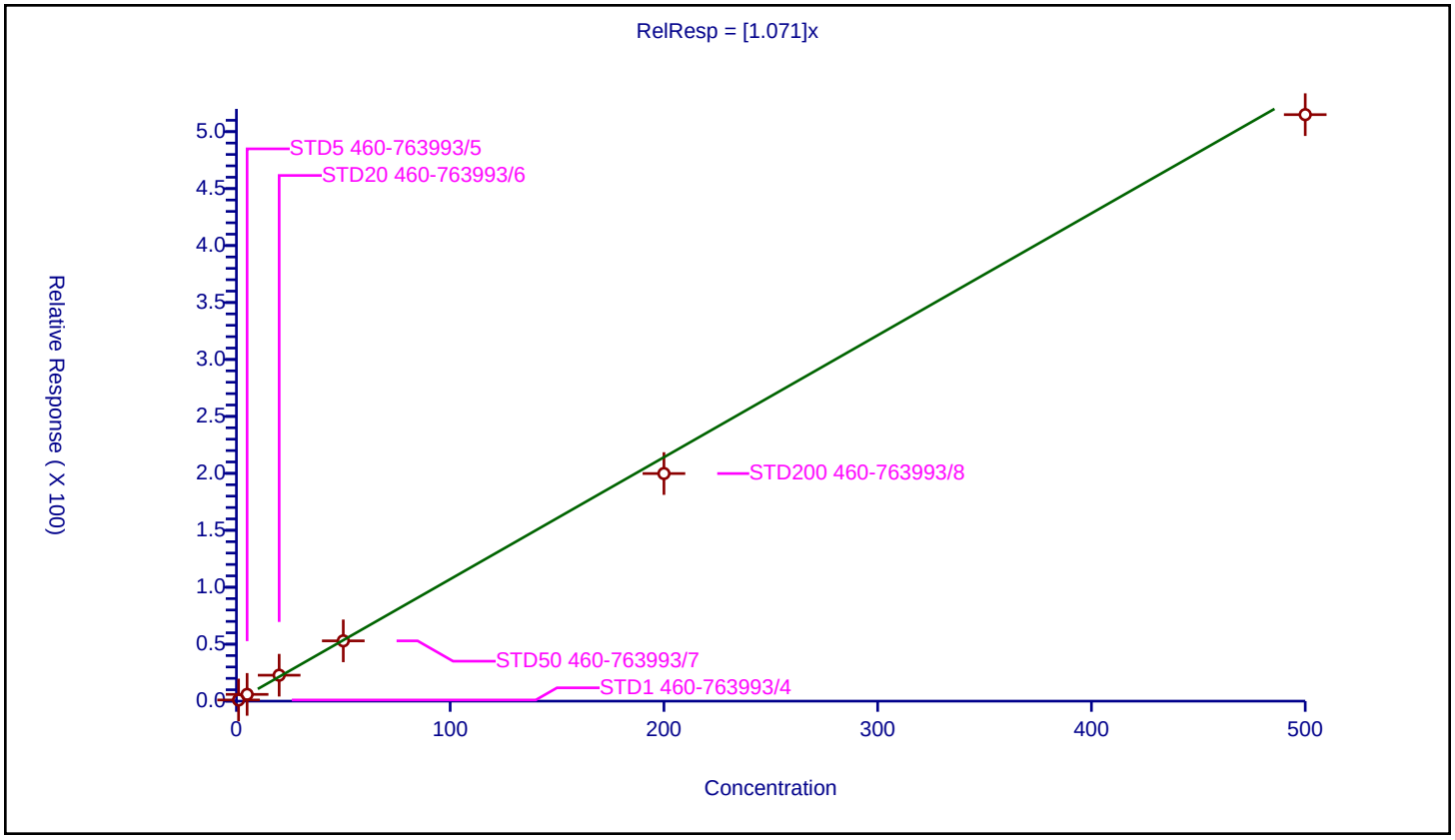
Curve Coefficients

Intercept:	0
Slope:	1.071

Error Coefficients

Standard Error:	3890000
Relative Standard Error:	7.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.012151	50.0	554611.0	1.012151	Y
2	STD5 460-763993/5	5.0	5.932102	50.0	607466.0	1.18642	Y
3	STD20 460-763993/6	20.0	22.76529	50.0	582145.0	1.138265	Y
4	STD50 460-763993/7	50.0	52.935775	50.0	642011.0	1.058716	Y
5	STD200 460-763993/8	200.0	199.828063	50.0	715377.0	0.99914	Y
6	STD500 460-763993/9	500.0	514.94883	50.0	795002.0	1.029898	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

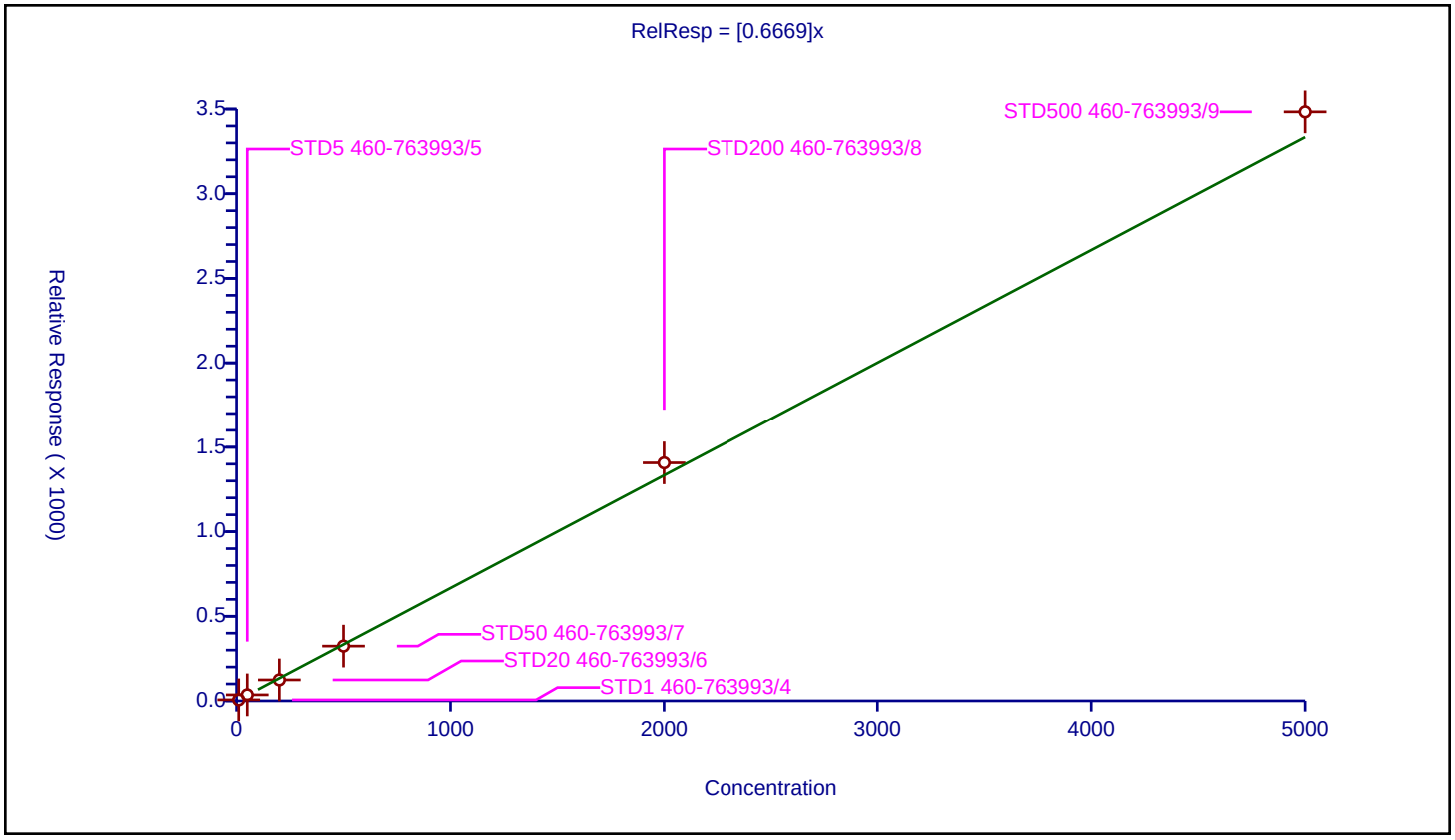
Curve Coefficients

Intercept:	0
Slope:	0.6669

Error Coefficients

Standard Error:	465000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	10.0	6.19901	1000.0	261816.0	0.619901	Y
2	STD5 460-763993/5	50.0	35.666096	1000.0	248275.0	0.713322	Y
3	STD20 460-763993/6	200.0	123.998454	1000.0	230269.0	0.619992	Y
4	STD50 460-763993/7	500.0	323.739826	1000.0	292281.0	0.64748	Y
5	STD200 460-763993/8	2000.0	1407.548474	1000.0	272002.0	0.703774	Y
6	STD500 460-763993/9	5000.0	3483.374529	1000.0	277135.0	0.696675	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

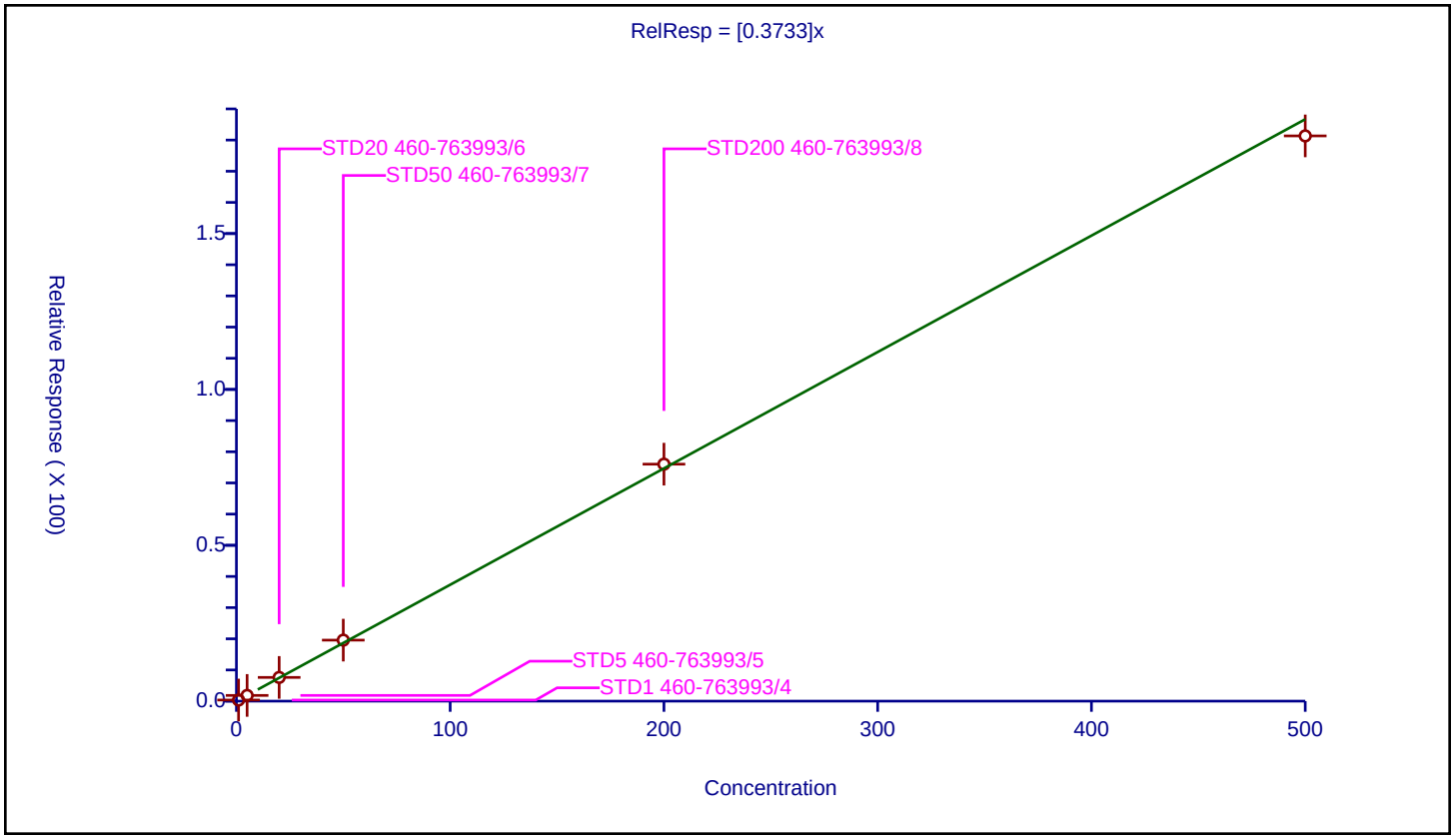
Curve Coefficients

Intercept:	0
Slope:	0.3733

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.358269	50.0	554611.0	0.358269	Y
2	STD5 460-763993/5	5.0	1.835411	50.0	607466.0	0.367082	Y
3	STD20 460-763993/6	20.0	7.607812	50.0	582145.0	0.380391	Y
4	STD50 460-763993/7	50.0	19.57482	50.0	642011.0	0.391496	Y
5	STD200 460-763993/8	200.0	76.02418	50.0	715377.0	0.380121	Y
6	STD500 460-763993/9	500.0	181.332563	50.0	795002.0	0.362665	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

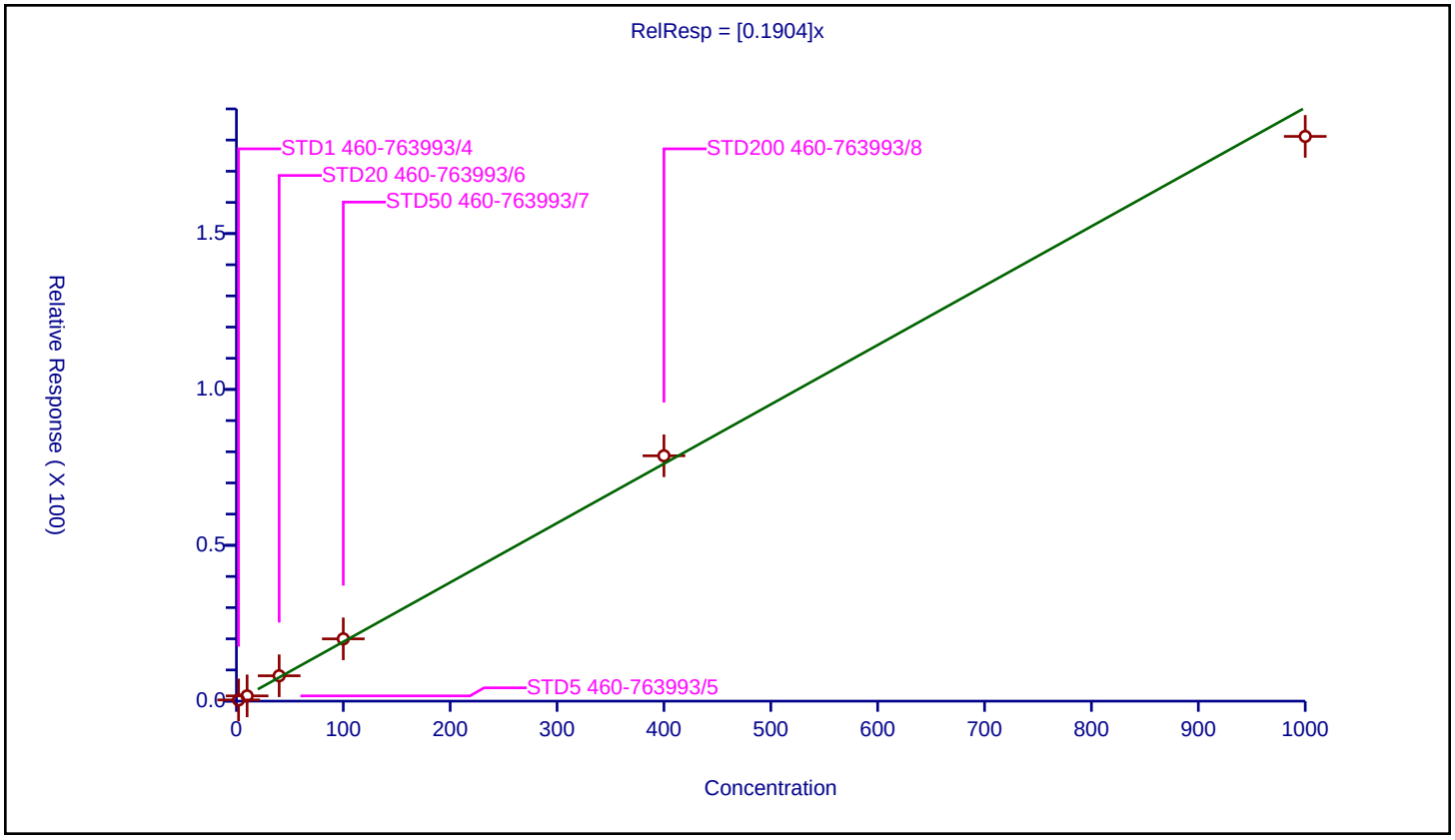
Curve Coefficients

Intercept:	0
Slope:	0.1904

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.385315	50.0	554611.0	0.192658	Y
2	STD5 460-763993/5	10.0	1.685444	50.0	607466.0	0.168544	Y
3	STD20 460-763993/6	40.0	8.134829	50.0	582145.0	0.203371	Y
4	STD50 460-763993/7	100.0	19.985483	50.0	642011.0	0.199855	Y
5	STD200 460-763993/8	400.0	78.718564	50.0	715377.0	0.196796	Y
6	STD500 460-763993/9	1000.0	181.171557	50.0	795002.0	0.181172	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

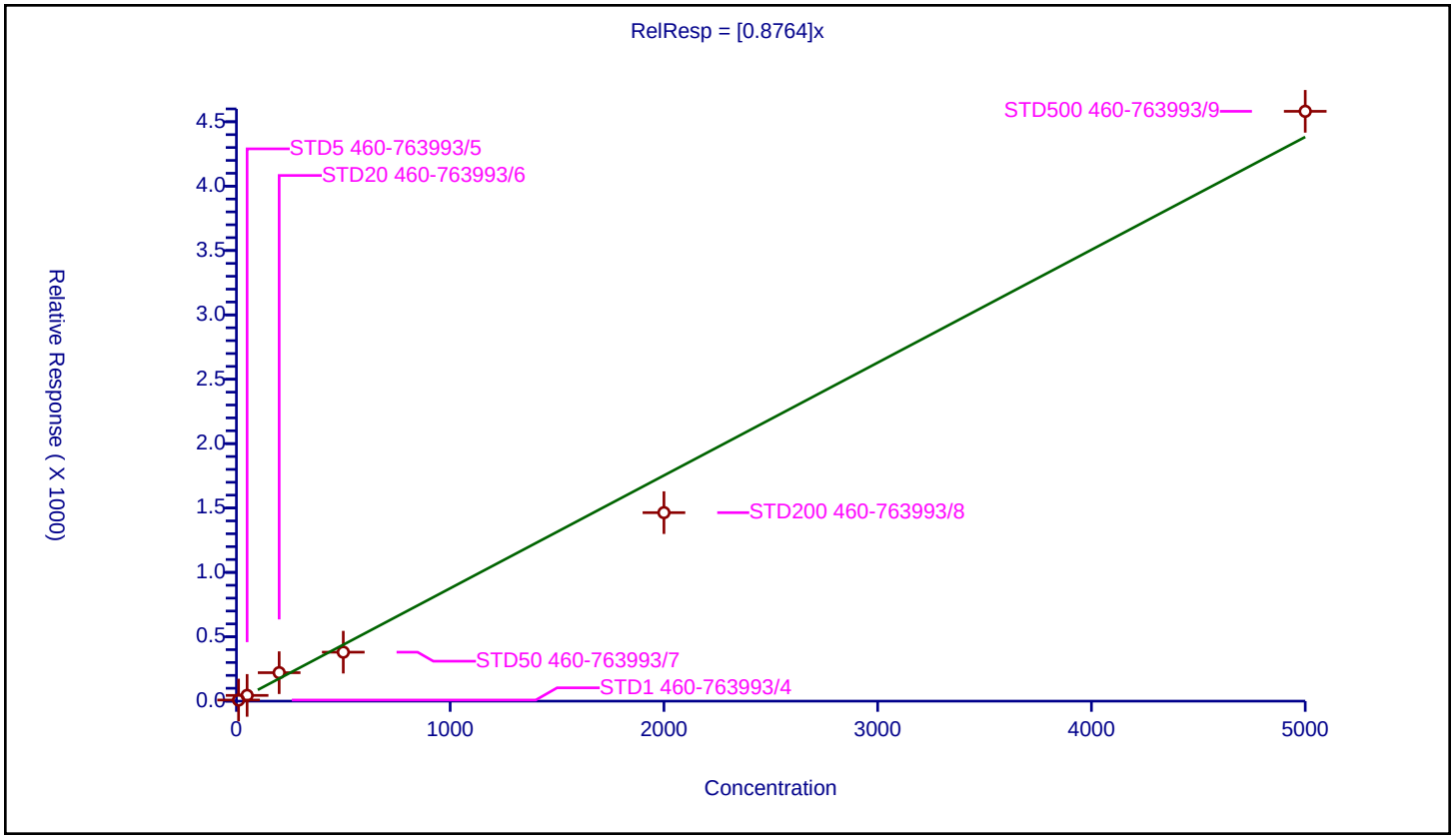
Curve Coefficients

Intercept:	0
Slope:	0.8764

Error Coefficients

Standard Error:	595000
Relative Standard Error:	15.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	10.0	8.513613	1000.0	261816.0	0.851361	Y
2	STD5 460-763993/5	50.0	44.623905	1000.0	248275.0	0.892478	Y
3	STD20 460-763993/6	200.0	221.106619	1000.0	230269.0	1.105533	Y
4	STD50 460-763993/7	500.0	380.390788	1000.0	292281.0	0.760782	Y
5	STD200 460-763993/8	2000.0	1464.000265	1000.0	272002.0	0.732	Y
6	STD500 460-763993/9	5000.0	4581.110289	1000.0	277135.0	0.916222	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

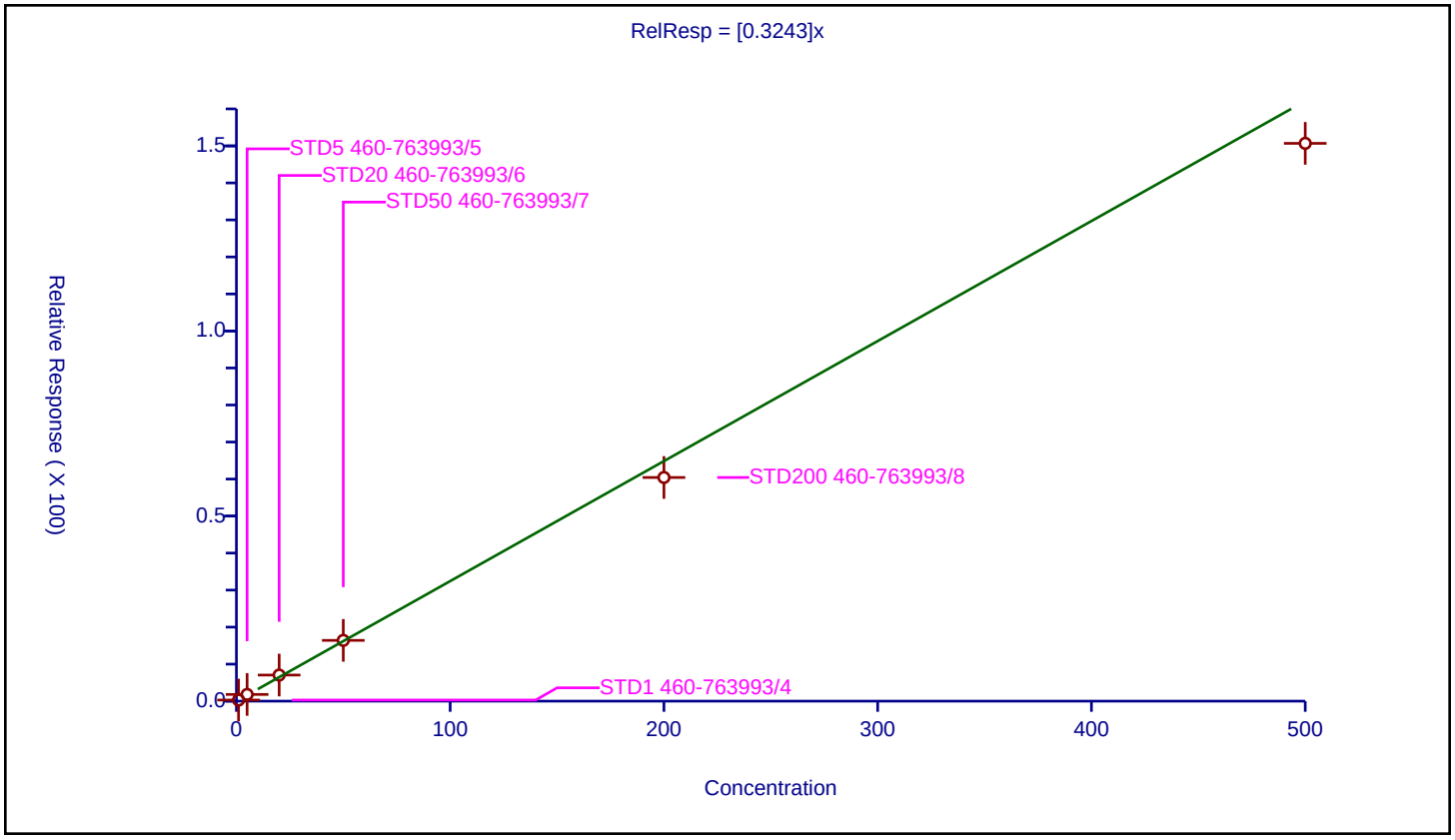
Curve Coefficients

Intercept:	0
Slope:	0.3243

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.299399	50.0	554611.0	0.299399	Y
2	STD5 460-763993/5	5.0	1.809566	50.0	607466.0	0.361913	Y
3	STD20 460-763993/6	20.0	7.047729	50.0	582145.0	0.352386	Y
4	STD50 460-763993/7	50.0	16.416775	50.0	642011.0	0.328335	Y
5	STD200 460-763993/8	200.0	60.422197	50.0	715377.0	0.302111	Y
6	STD500 460-763993/9	500.0	150.687671	50.0	795002.0	0.301375	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

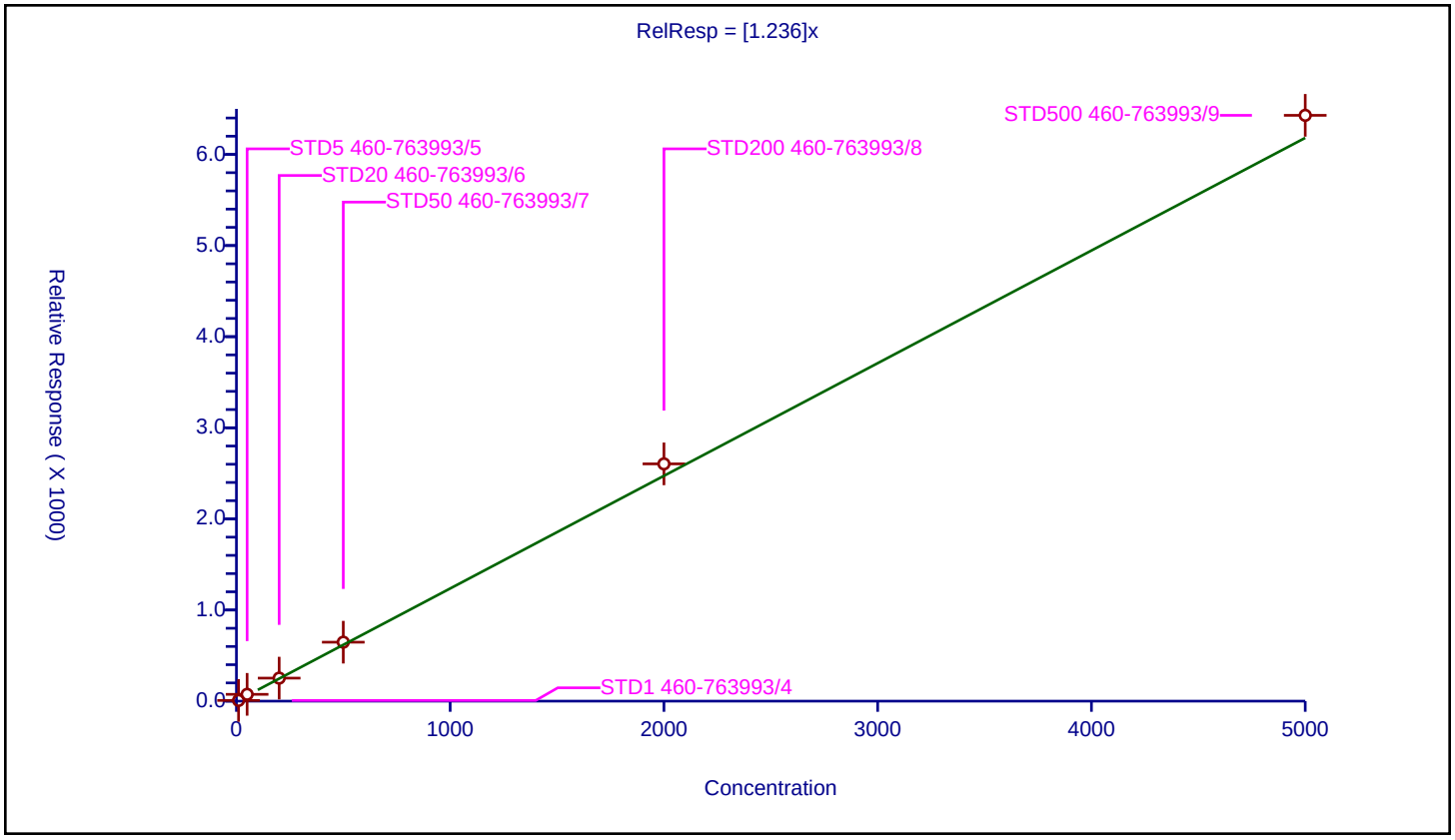
Curve Coefficients

Intercept:	0
Slope:	1.236

Error Coefficients

Standard Error:	859000
Relative Standard Error:	19.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	10.0	7.791732	1000.0	261816.0	0.779173	Y
2	STD5 460-763993/5	50.0	74.675259	1000.0	248275.0	1.493505	Y
3	STD20 460-763993/6	200.0	252.665361	1000.0	230269.0	1.263327	Y
4	STD50 460-763993/7	500.0	647.082773	1000.0	292281.0	1.294166	Y
5	STD200 460-763993/8	2000.0	2604.061735	1000.0	272002.0	1.302031	Y
6	STD500 460-763993/9	5000.0	6429.371967	1000.0	277135.0	1.285874	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

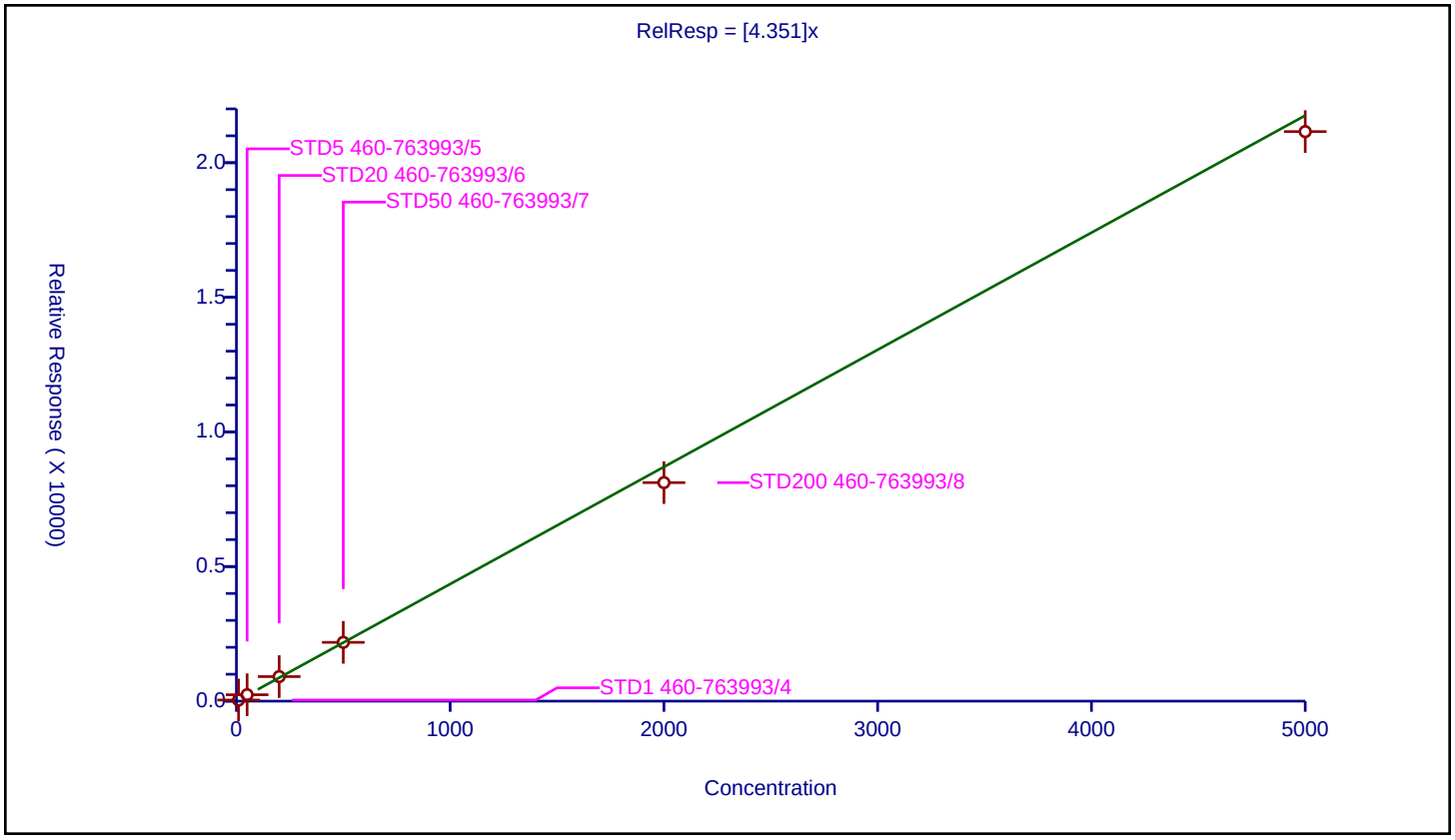
Curve Coefficients

Intercept:	0
Slope:	4.351

Error Coefficients

Standard Error:	2810000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	10.0	41.299997	1000.0	261816.0	4.13	Y
2	STD5 460-763993/5	50.0	237.768603	1000.0	248275.0	4.755372	Y
3	STD20 460-763993/6	200.0	911.959491	1000.0	230269.0	4.559797	Y
4	STD50 460-763993/7	500.0	2184.411577	1000.0	292281.0	4.368823	Y
5	STD200 460-763993/8	2000.0	8117.458695	1000.0	272002.0	4.058729	Y
6	STD500 460-763993/9	5000.0	21156.349793	1000.0	277135.0	4.23127	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

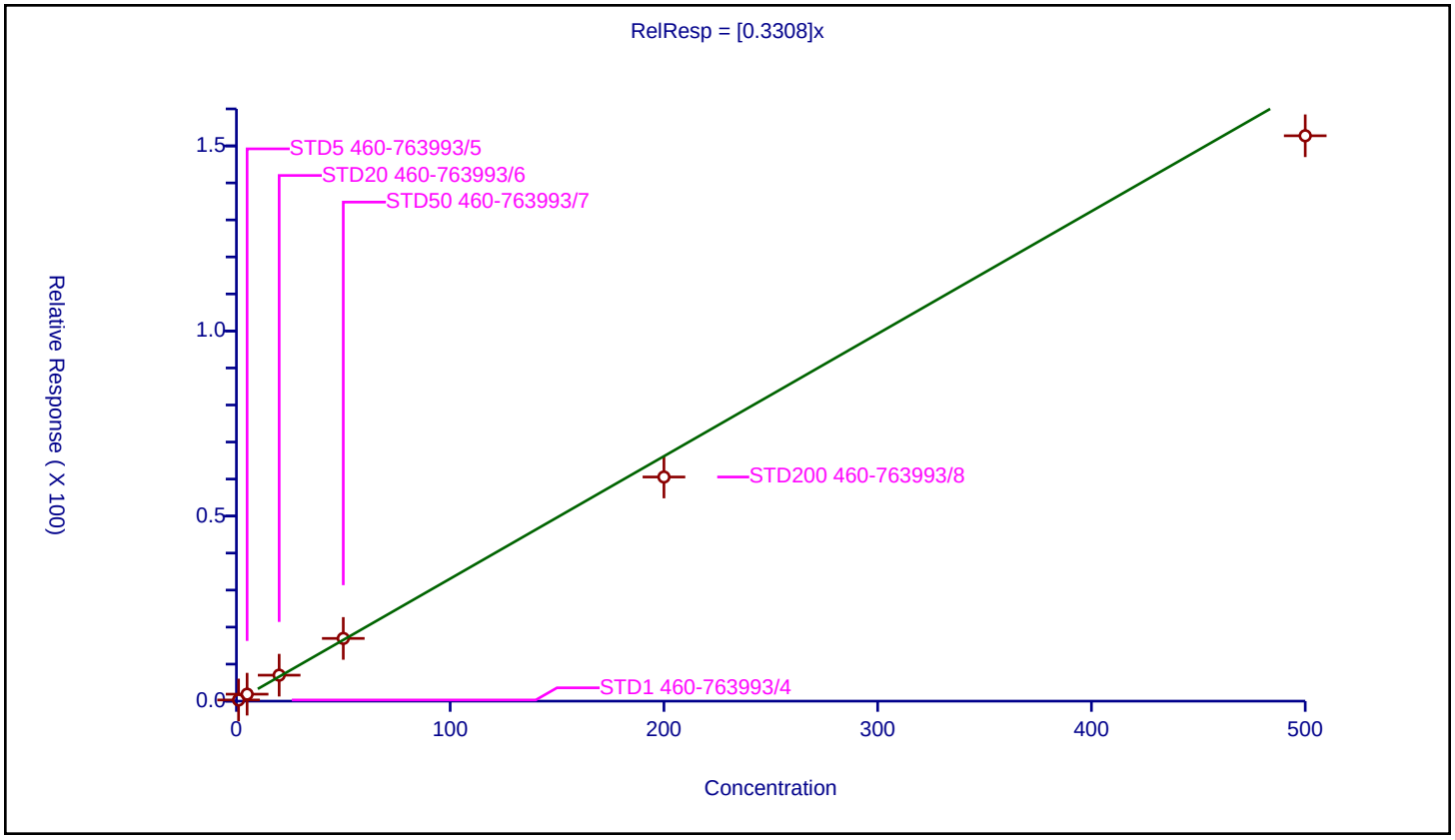
Curve Coefficients

Intercept:	0
Slope:	0.3308

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	8.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.311389	50.0	554611.0	0.311389	Y
2	STD5 460-763993/5	5.0	1.879447	50.0	607466.0	0.375889	Y
3	STD20 460-763993/6	20.0	7.014232	50.0	582145.0	0.350712	Y
4	STD50 460-763993/7	50.0	16.940598	50.0	642011.0	0.338812	Y
5	STD200 460-763993/8	200.0	60.550241	50.0	715377.0	0.302751	Y
6	STD500 460-763993/9	500.0	152.743264	50.0	795002.0	0.305487	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

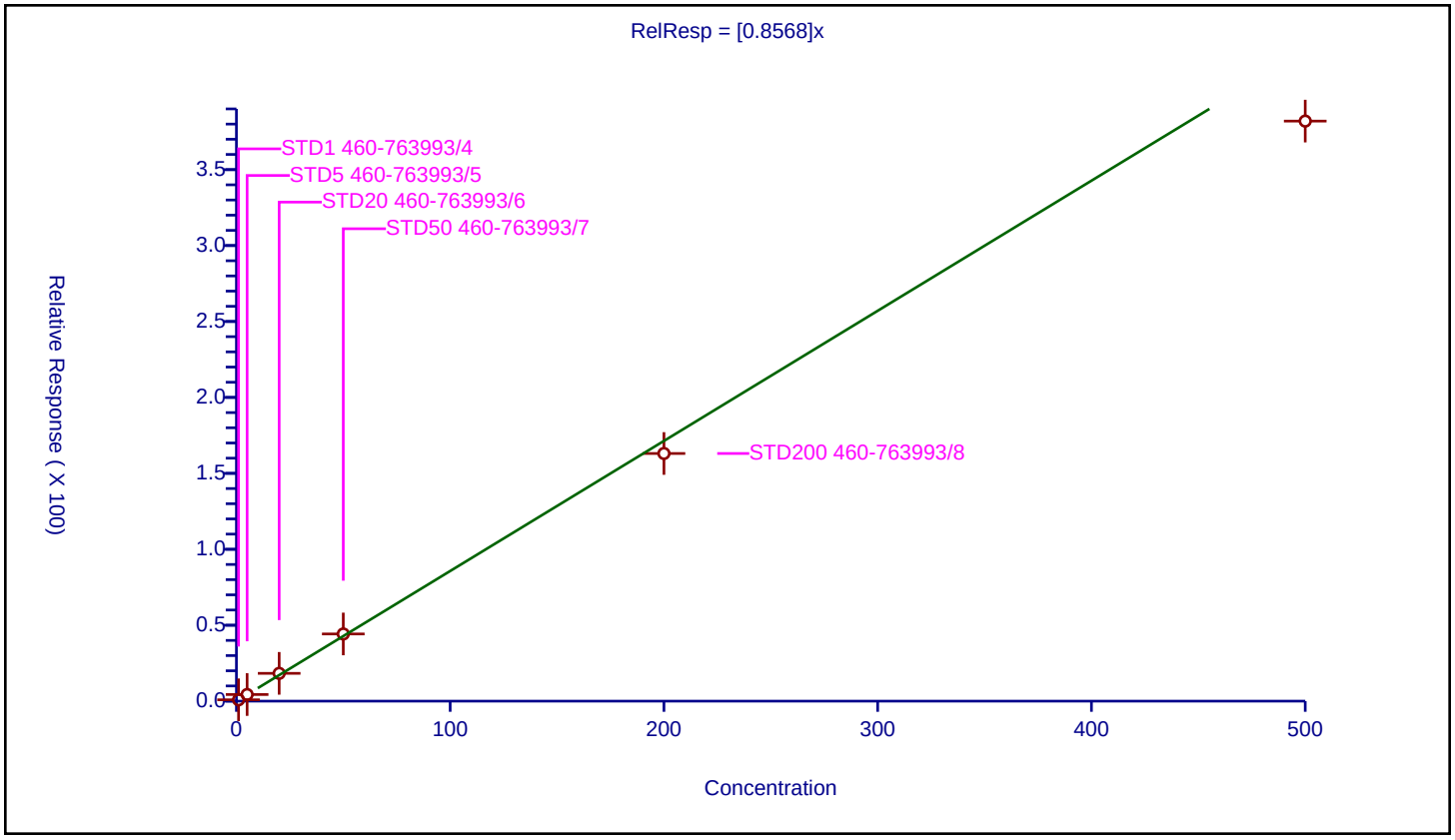
Curve Coefficients

Intercept:	0
Slope:	0.8568

Error Coefficients

Standard Error:	2920000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.889723	50.0	554611.0	0.889723	Y
2	STD5 460-763993/5	5.0	4.359009	50.0	607466.0	0.871802	Y
3	STD20 460-763993/6	20.0	18.301712	50.0	582145.0	0.915086	Y
4	STD50 460-763993/7	50.0	44.23865	50.0	642011.0	0.884773	Y
5	STD200 460-763993/8	200.0	163.09058	50.0	715377.0	0.815453	Y
6	STD500 460-763993/9	500.0	381.968599	50.0	795002.0	0.763937	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

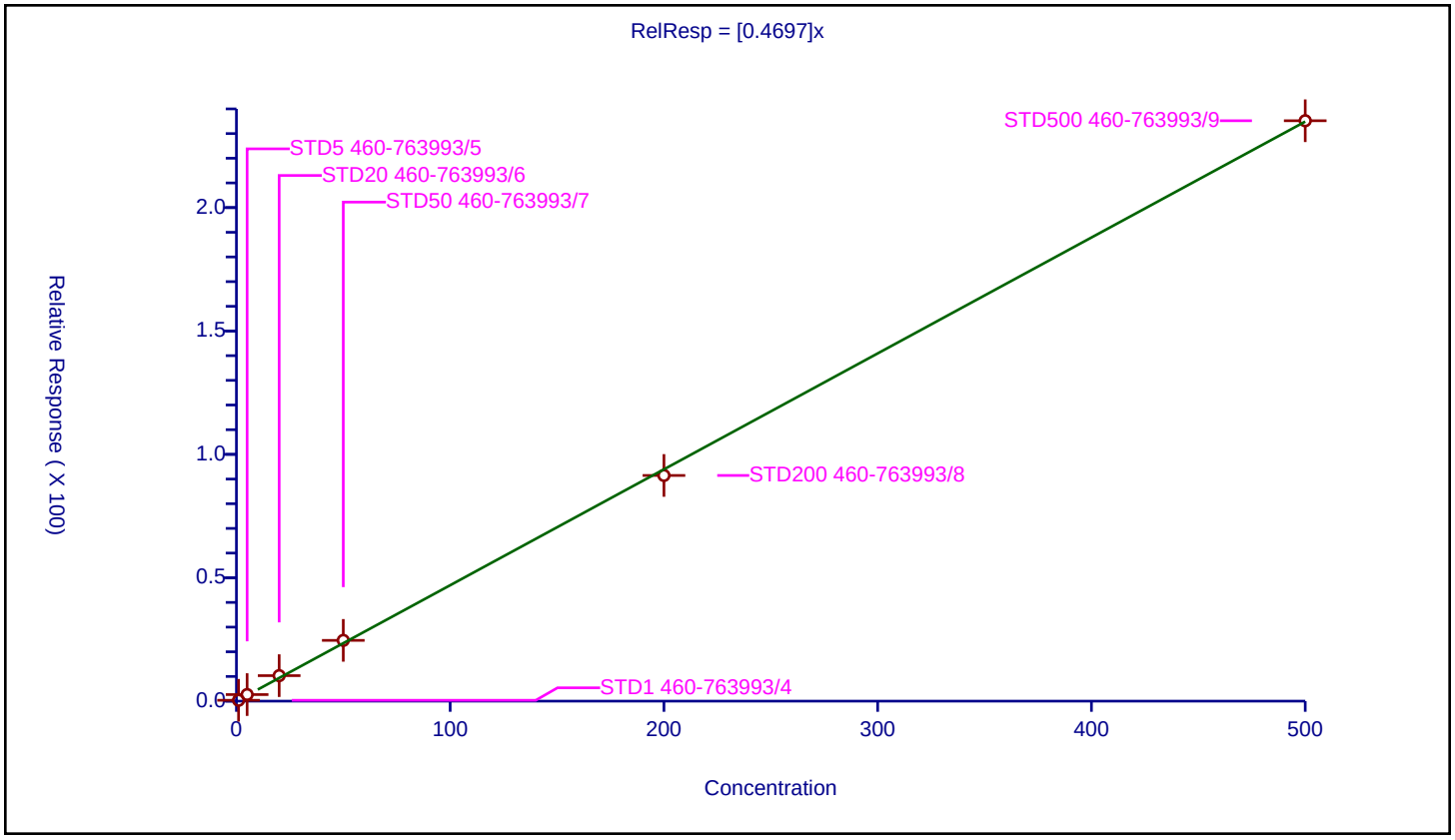
Curve Coefficients

Intercept:	0
Slope:	0.4697

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	13.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.349614	50.0	554611.0	0.349614	Y
2	STD5 460-763993/5	5.0	2.658914	50.0	607466.0	0.531783	Y
3	STD20 460-763993/6	20.0	10.33222	50.0	582145.0	0.516611	Y
4	STD50 460-763993/7	50.0	24.624267	50.0	642011.0	0.492485	Y
5	STD200 460-763993/8	200.0	91.454855	50.0	715377.0	0.457274	Y
6	STD500 460-763993/9	500.0	235.200352	50.0	795002.0	0.470401	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

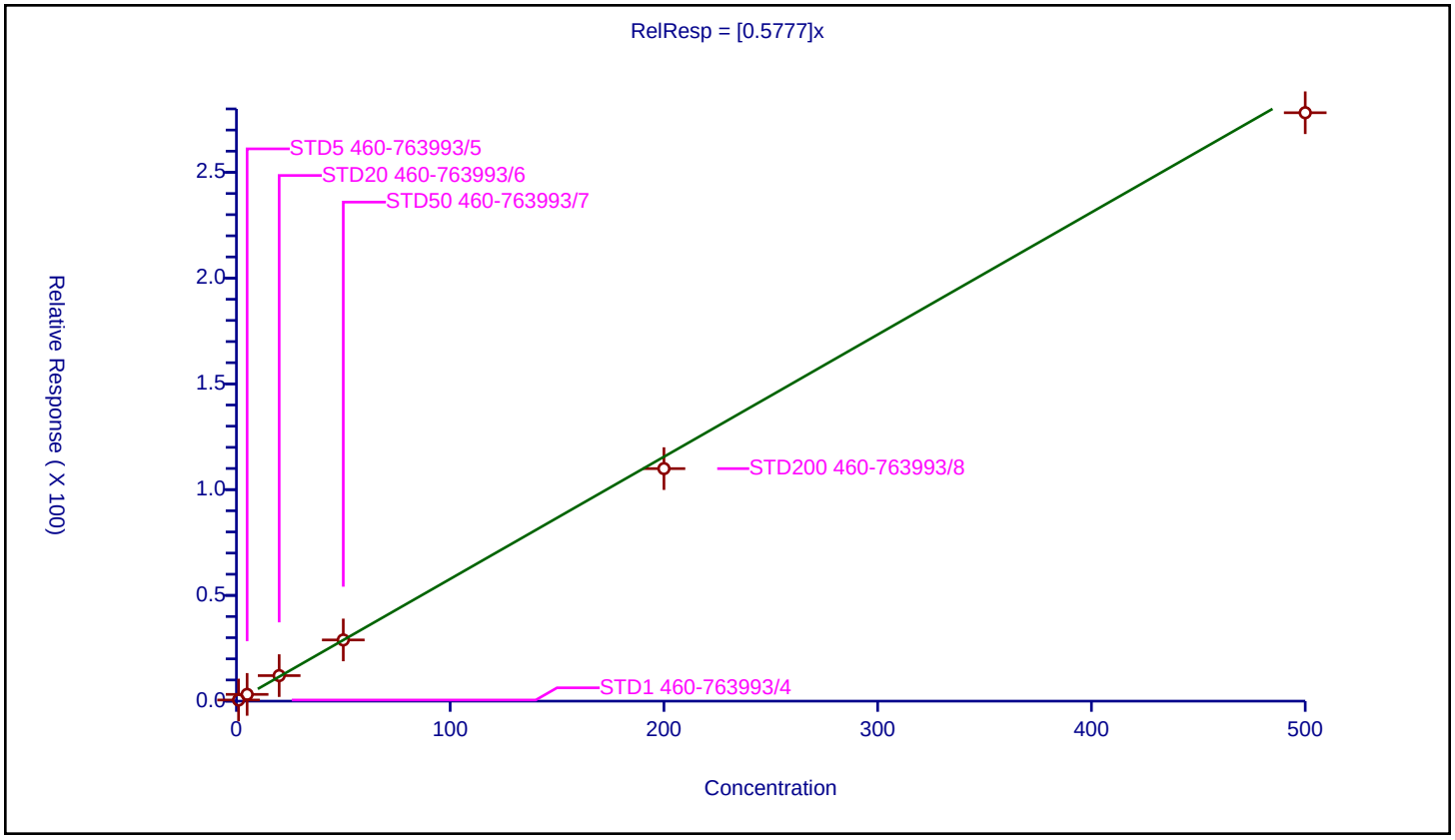
Curve Coefficients

Intercept:	0
Slope:	0.5777

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.539838	50.0	554611.0	0.539838	Y
2	STD5 460-763993/5	5.0	3.188656	50.0	607466.0	0.637731	Y
3	STD20 460-763993/6	20.0	12.073796	50.0	582145.0	0.60369	Y
4	STD50 460-763993/7	50.0	28.933694	50.0	642011.0	0.578674	Y
5	STD200 460-763993/8	200.0	109.938117	50.0	715377.0	0.549691	Y
6	STD500 460-763993/9	500.0	278.181501	50.0	795002.0	0.556363	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

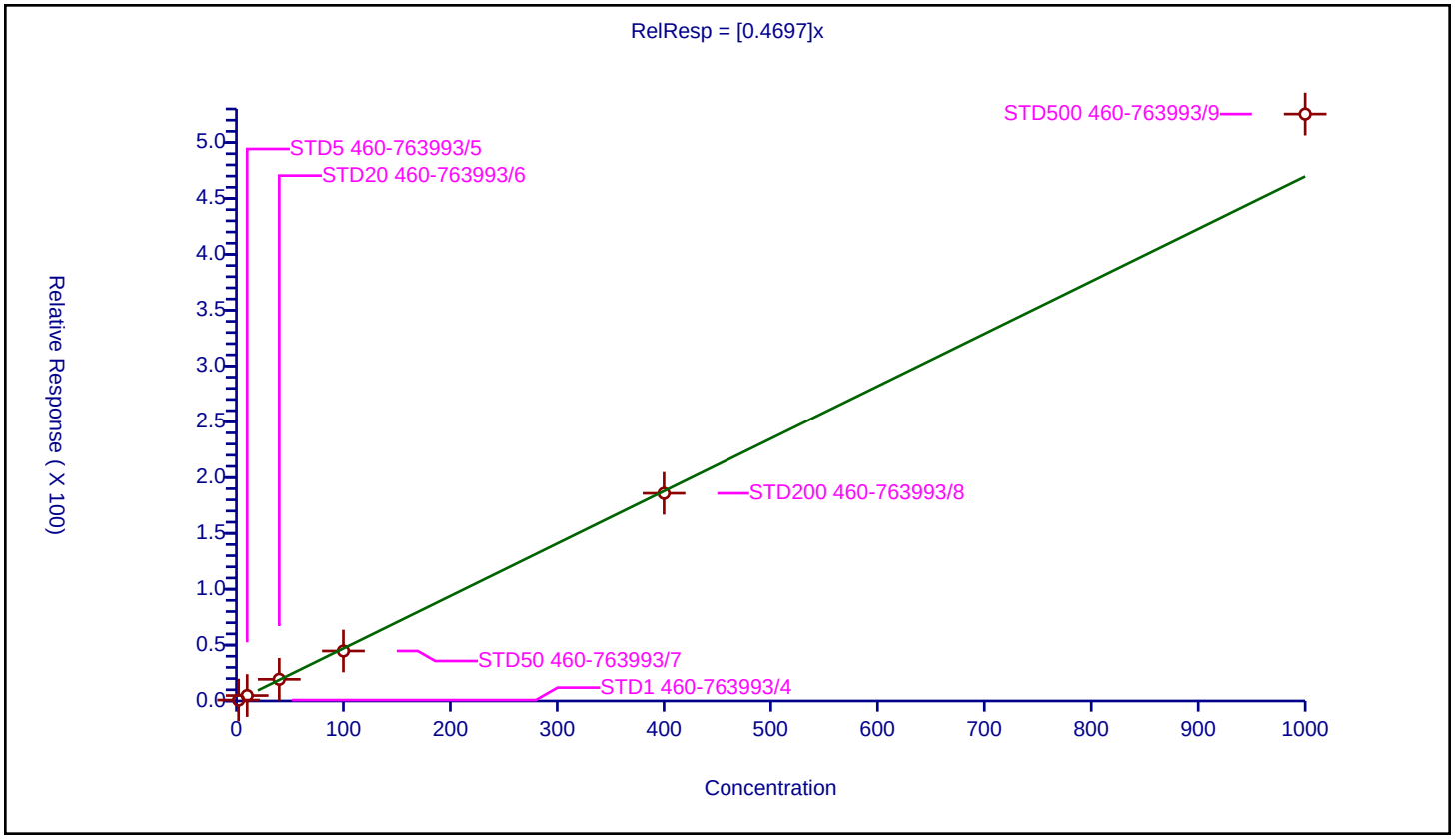
Curve Coefficients

Intercept:	0
Slope:	0.4697

Error Coefficients

Standard Error:	342000
Relative Standard Error:	8.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.822771	250.0	261312.0	0.411386	Y
2	STD5 460-763993/5	10.0	4.853926	250.0	290332.0	0.485393	Y
3	STD20 460-763993/6	40.0	19.374039	250.0	255032.0	0.484351	Y
4	STD50 460-763993/7	100.0	44.709814	250.0	324705.0	0.447098	Y
5	STD200 460-763993/8	400.0	185.871649	250.0	333850.0	0.464679	Y
6	STD500 460-763993/9	1000.0	525.421484	250.0	343607.0	0.525421	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

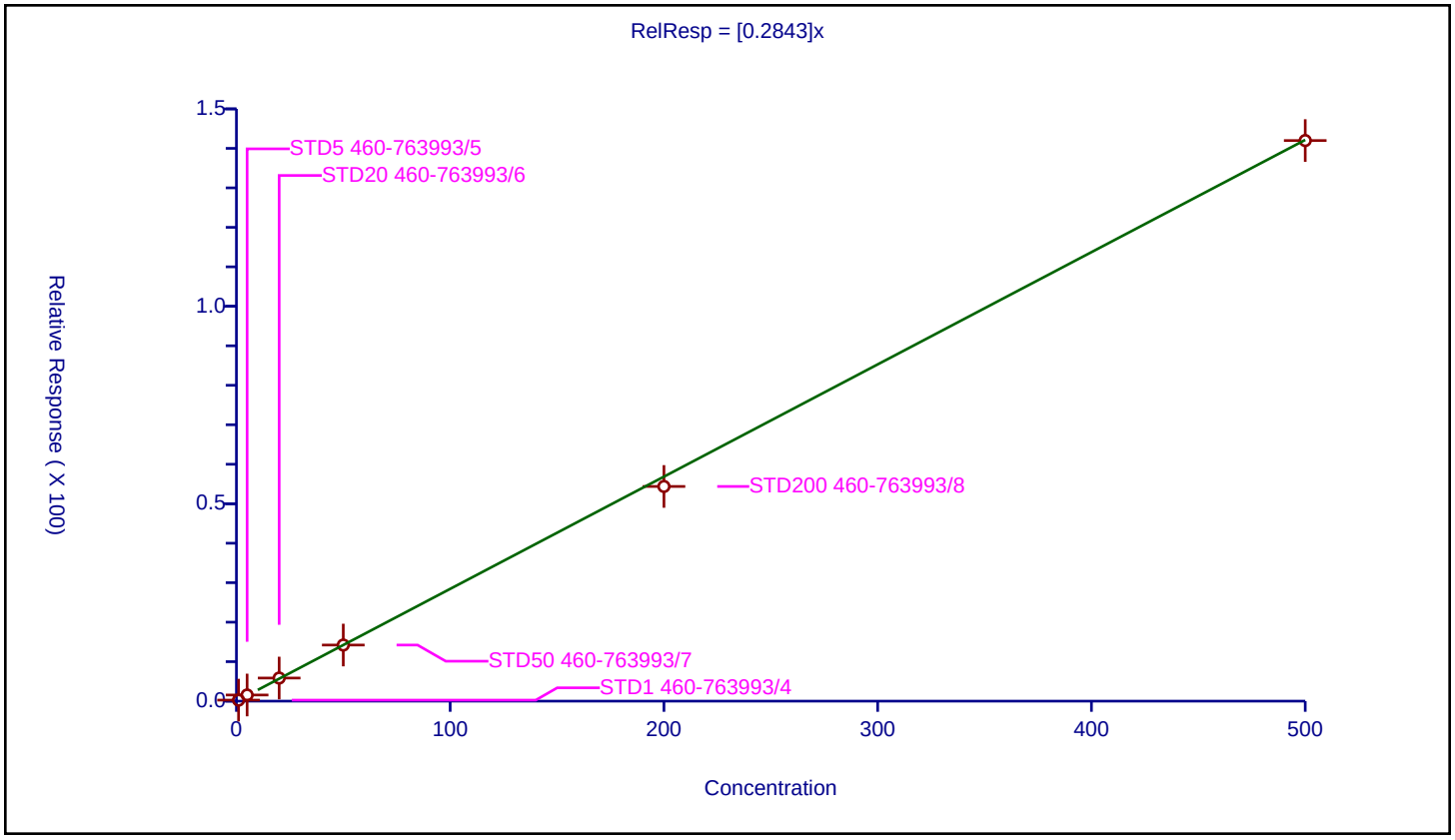
Curve Coefficients

Intercept:	0
Slope:	0.2843

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.262166	50.0	554611.0	0.262166	Y
2	STD5 460-763993/5	5.0	1.554984	50.0	607466.0	0.310997	Y
3	STD20 460-763993/6	20.0	5.852322	50.0	582145.0	0.292616	Y
4	STD50 460-763993/7	50.0	14.207467	50.0	642011.0	0.284149	Y
5	STD200 460-763993/8	200.0	54.374756	50.0	715377.0	0.271874	Y
6	STD500 460-763993/9	500.0	141.979643	50.0	795002.0	0.283959	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

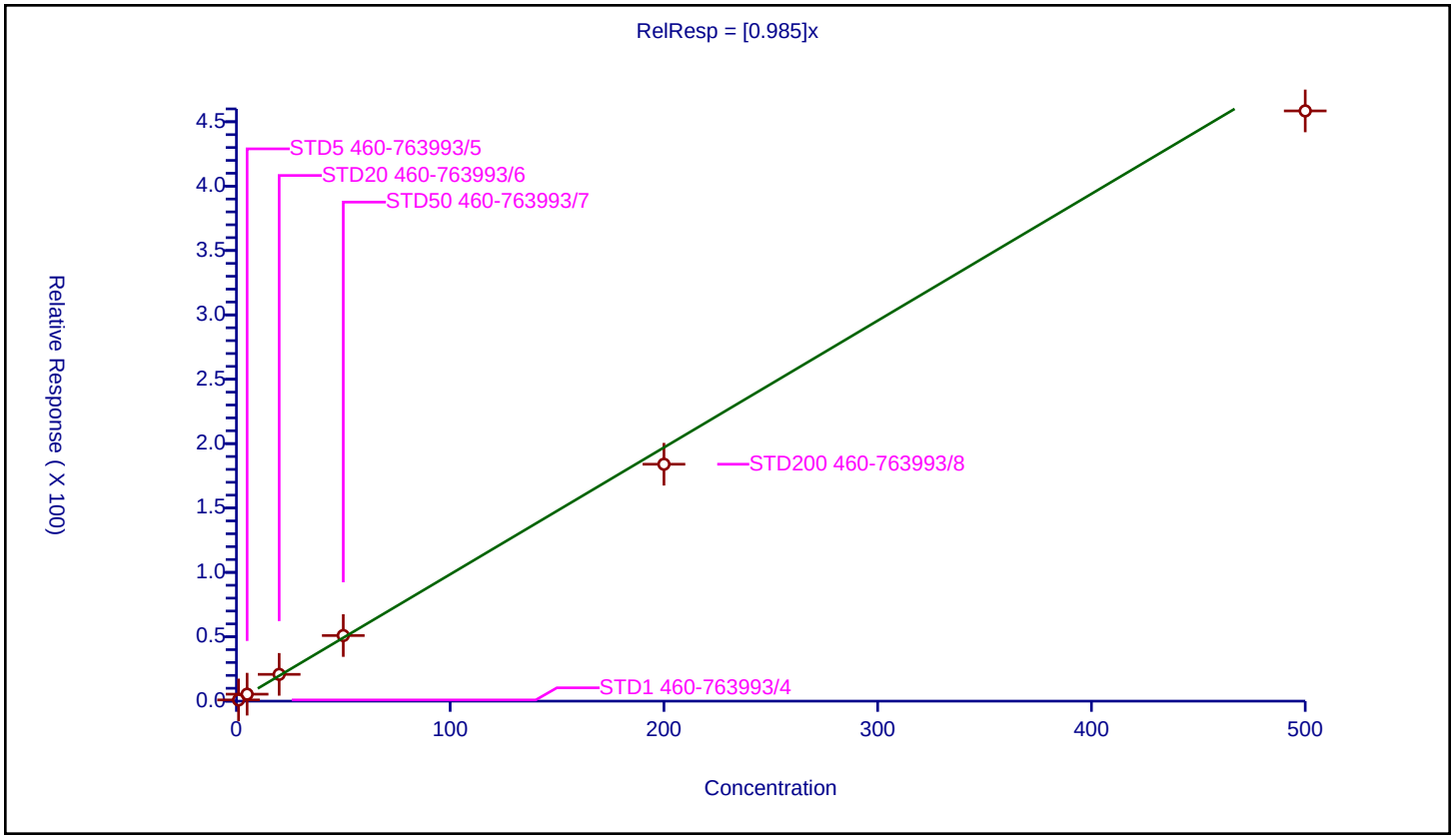
Curve Coefficients

Intercept:	0
Slope:	0.985

Error Coefficients

Standard Error:	3480000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.931824	50.0	554611.0	0.931824	Y
2	STD5 460-763993/5	5.0	5.414377	50.0	607466.0	1.082875	Y
3	STD20 460-763993/6	20.0	20.791298	50.0	582145.0	1.039565	Y
4	STD50 460-763993/7	50.0	50.955747	50.0	642011.0	1.019115	Y
5	STD200 460-763993/8	200.0	184.008082	50.0	715377.0	0.92004	Y
6	STD500 460-763993/9	500.0	458.432054	50.0	795002.0	0.916864	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

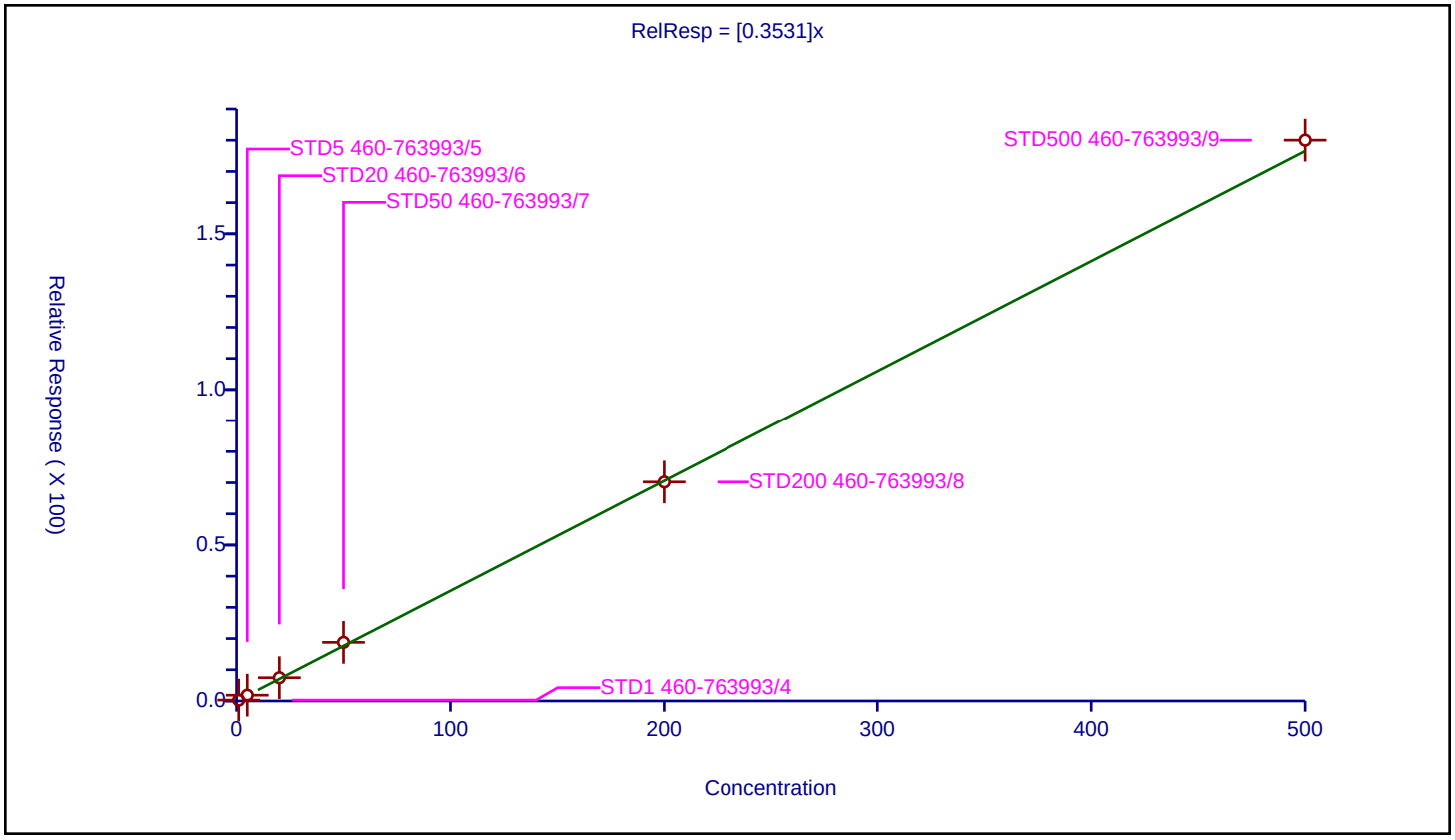
Curve Coefficients

Intercept:	0
Slope:	0.3531

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.287228	50.0	554611.0	0.287228	Y
2	STD5 460-763993/5	5.0	1.858293	50.0	607466.0	0.371659	Y
3	STD20 460-763993/6	20.0	7.451322	50.0	582145.0	0.372566	Y
4	STD50 460-763993/7	50.0	18.789242	50.0	642011.0	0.375785	Y
5	STD200 460-763993/8	200.0	70.236882	50.0	715377.0	0.351184	Y
6	STD500 460-763993/9	500.0	180.026717	50.0	795002.0	0.360053	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

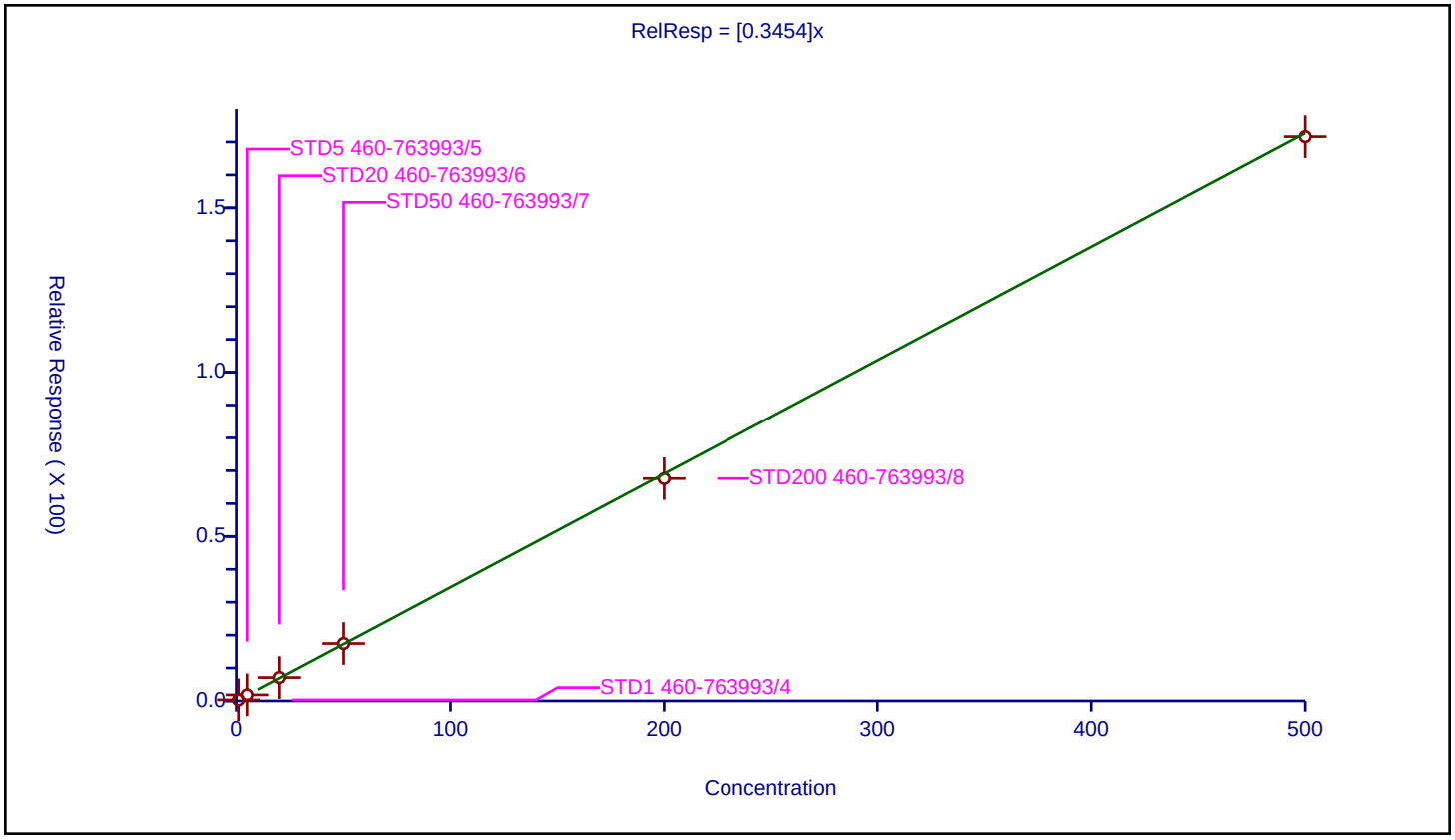
Curve Coefficients

Intercept:	0
Slope:	0.3454

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	4.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.319052	50.0	554611.0	0.319052	Y
2	STD5 460-763993/5	5.0	1.839115	50.0	607466.0	0.367823	Y
3	STD20 460-763993/6	20.0	7.105446	50.0	582145.0	0.355272	Y
4	STD50 460-763993/7	50.0	17.441446	50.0	642011.0	0.348829	Y
5	STD200 460-763993/8	200.0	67.607919	50.0	715377.0	0.33804	Y
6	STD500 460-763993/9	500.0	171.625983	50.0	795002.0	0.343252	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

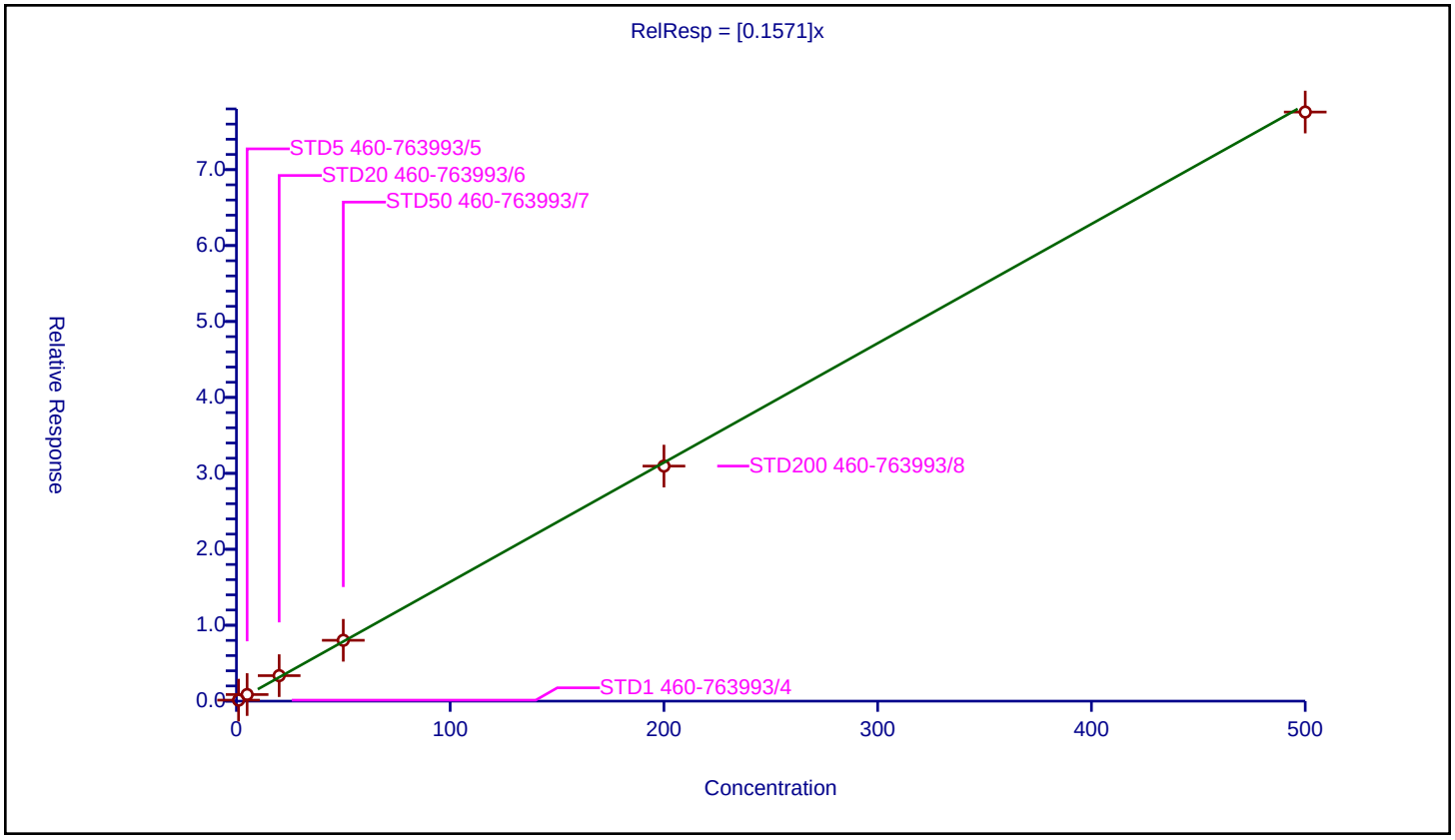
Curve Coefficients

Intercept:	0
Slope:	0.1571

Error Coefficients

Standard Error:	588000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.130812	50.0	554611.0	0.130812	Y
2	STD5 460-763993/5	5.0	0.868526	50.0	607466.0	0.173705	Y
3	STD20 460-763993/6	20.0	3.357497	50.0	582145.0	0.167875	Y
4	STD50 460-763993/7	50.0	8.013258	50.0	642011.0	0.160265	Y
5	STD200 460-763993/8	200.0	30.956684	50.0	715377.0	0.154783	Y
6	STD500 460-763993/9	500.0	77.584459	50.0	795002.0	0.155169	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

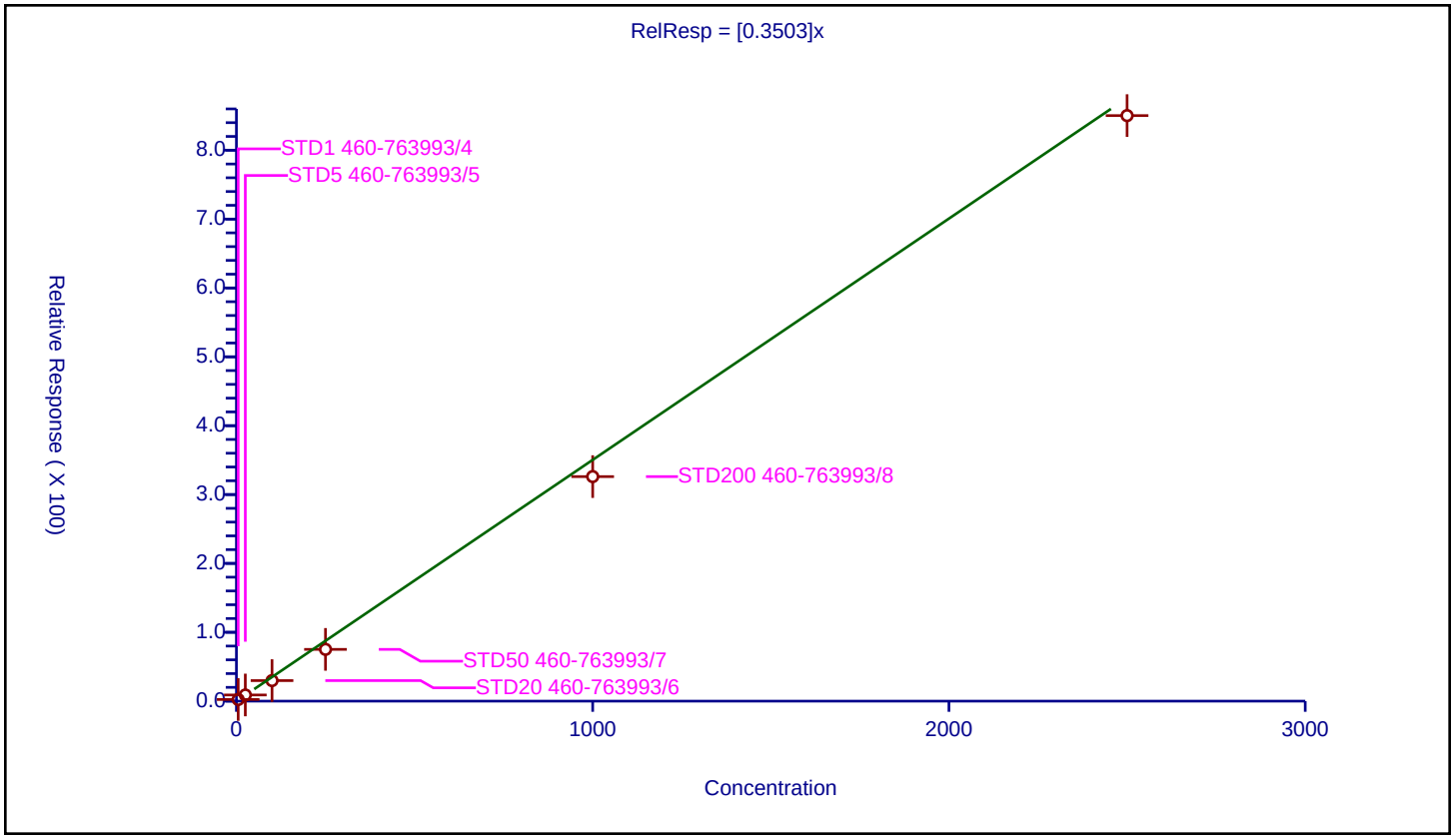
Curve Coefficients

Intercept:	0
Slope:	0.3503

Error Coefficients

Standard Error:	559000
Relative Standard Error:	19.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	5.0	2.39369	250.0	261312.0	0.478738	Y
2	STD5 460-763993/5	25.0	8.957848	250.0	290332.0	0.358314	Y
3	STD20 460-763993/6	100.0	29.826649	250.0	255032.0	0.298266	Y
4	STD50 460-763993/7	250.0	75.154371	250.0	324705.0	0.300617	Y
5	STD200 460-763993/8	1000.0	326.065598	250.0	333850.0	0.326066	Y
6	STD500 460-763993/9	2500.0	850.235152	250.0	343607.0	0.340094	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

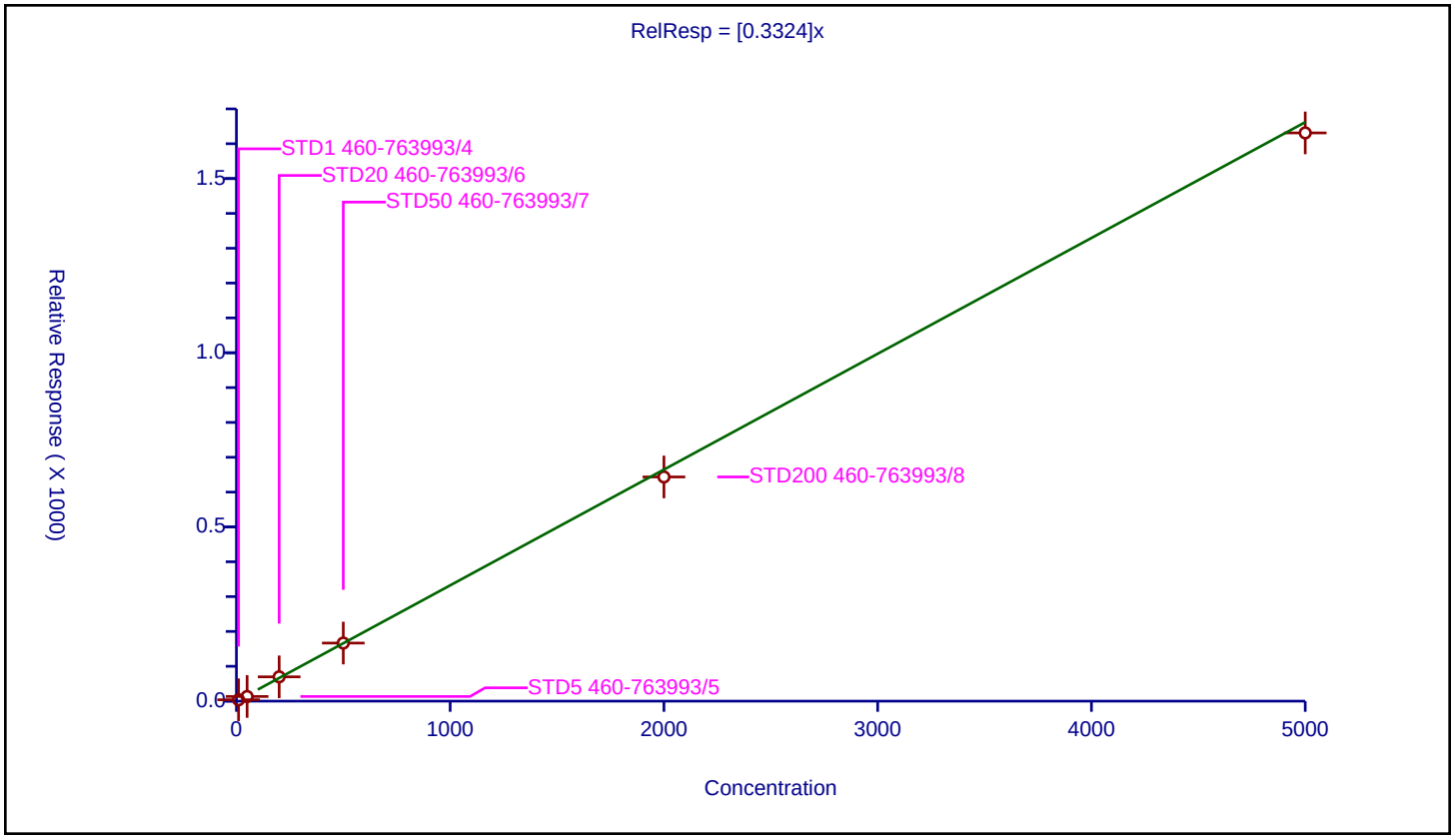
Curve Coefficients

Intercept:	0
Slope:	0.3324

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	12.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	10.0	3.967479	250.0	261312.0	0.396748	Y
2	STD5 460-763993/5	50.0	13.349372	250.0	290332.0	0.266987	Y
3	STD20 460-763993/6	200.0	69.796143	250.0	255032.0	0.348981	Y
4	STD50 460-763993/7	500.0	166.73519	250.0	324705.0	0.33347	Y
5	STD200 460-763993/8	2000.0	643.492586	250.0	333850.0	0.321746	Y
6	STD500 460-763993/9	5000.0	1631.065432	250.0	343607.0	0.326213	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

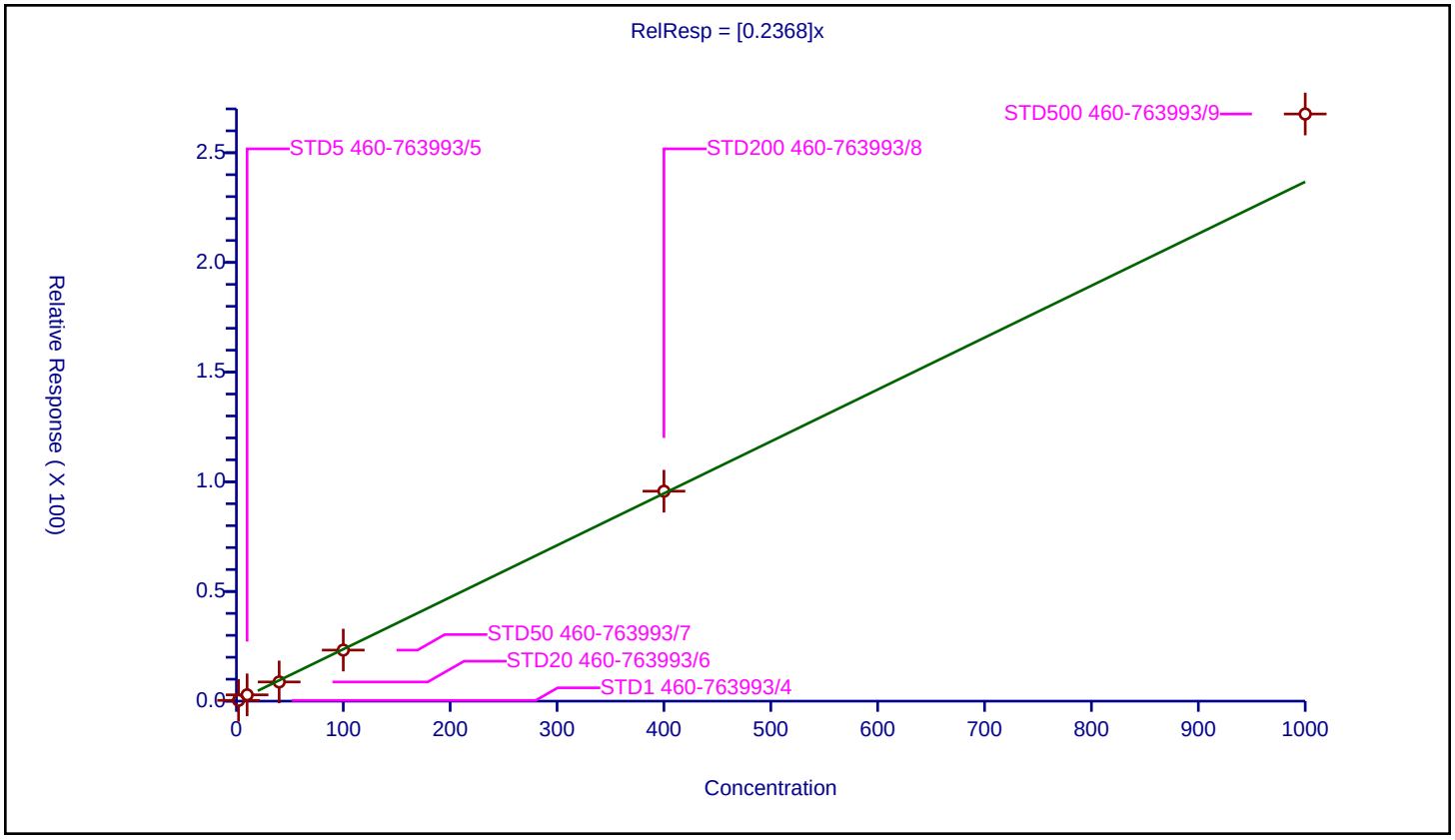
Curve Coefficients

Intercept:	0
Slope:	0.2368

Error Coefficients

Standard Error:	175000
Relative Standard Error:	16.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.350156	250.0	261312.0	0.175078	Y
2	STD5 460-763993/5	10.0	2.871712	250.0	290332.0	0.287171	Y
3	STD20 460-763993/6	40.0	8.745961	250.0	255032.0	0.218649	Y
4	STD50 460-763993/7	100.0	23.266503	250.0	324705.0	0.232665	Y
5	STD200 460-763993/8	400.0	95.710648	250.0	333850.0	0.239277	Y
6	STD500 460-763993/9	1000.0	267.670624	250.0	343607.0	0.267671	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

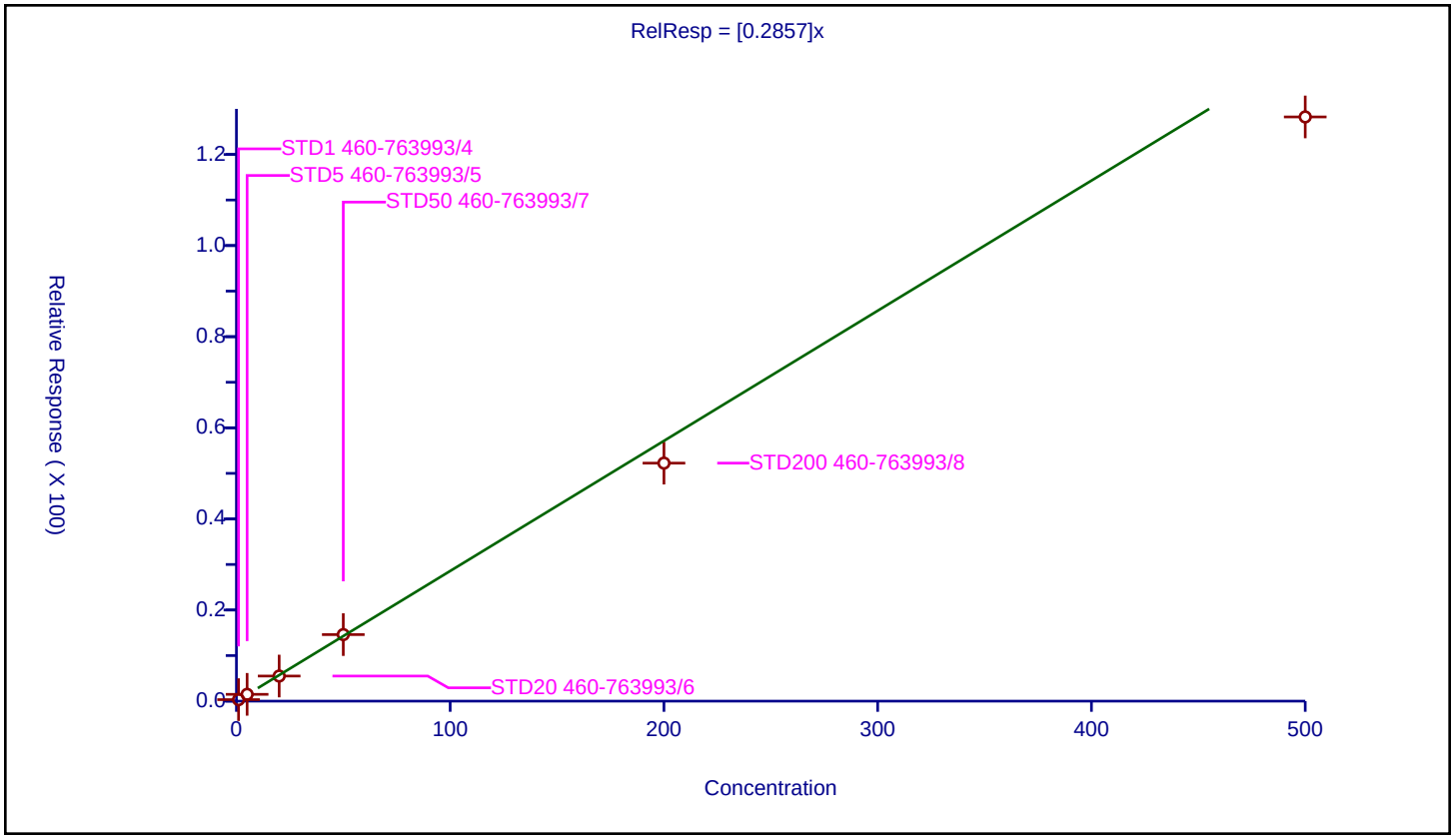
Curve Coefficients

Intercept:	0
Slope:	0.2857

Error Coefficients

Standard Error:	975000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.330051	50.0	554611.0	0.330051	Y
2	STD5 460-763993/5	5.0	1.492676	50.0	607466.0	0.298535	Y
3	STD20 460-763993/6	20.0	5.509796	50.0	582145.0	0.27549	Y
4	STD50 460-763993/7	50.0	14.607927	50.0	642011.0	0.292159	Y
5	STD200 460-763993/8	200.0	52.247696	50.0	715377.0	0.261238	Y
6	STD500 460-763993/9	500.0	128.236218	50.0	795002.0	0.256472	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

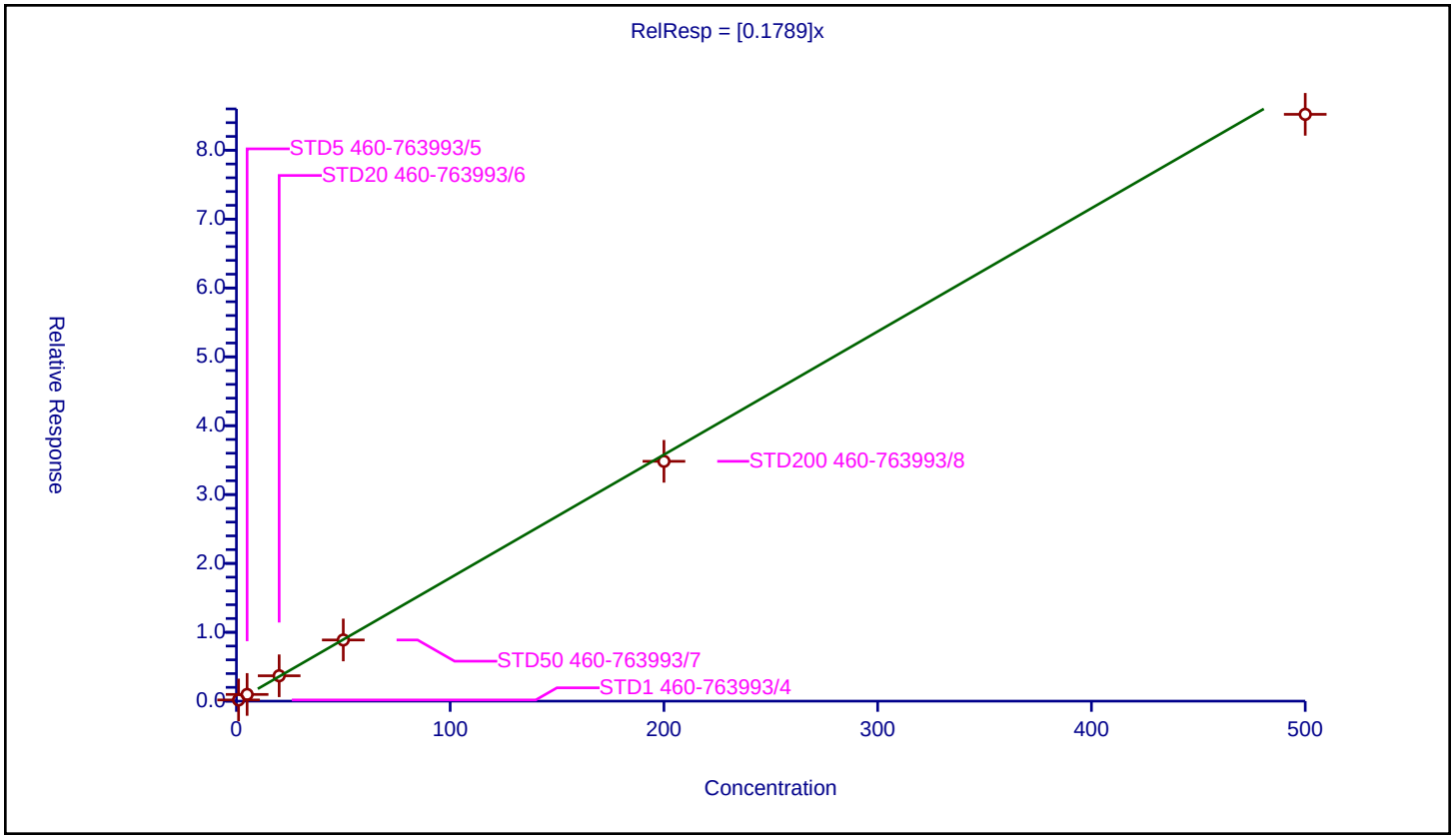
Curve Coefficients

Intercept:	0
Slope:	0.1789

Error Coefficients

Standard Error:	648000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.172373	50.0	554611.0	0.172373	Y
2	STD5 460-763993/5	5.0	0.973882	50.0	607466.0	0.194776	Y
3	STD20 460-763993/6	20.0	3.684563	50.0	582145.0	0.184228	Y
4	STD50 460-763993/7	50.0	8.882947	50.0	642011.0	0.177659	Y
5	STD200 460-763993/8	200.0	34.825973	50.0	715377.0	0.17413	Y
6	STD500 460-763993/9	500.0	85.209282	50.0	795002.0	0.170419	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

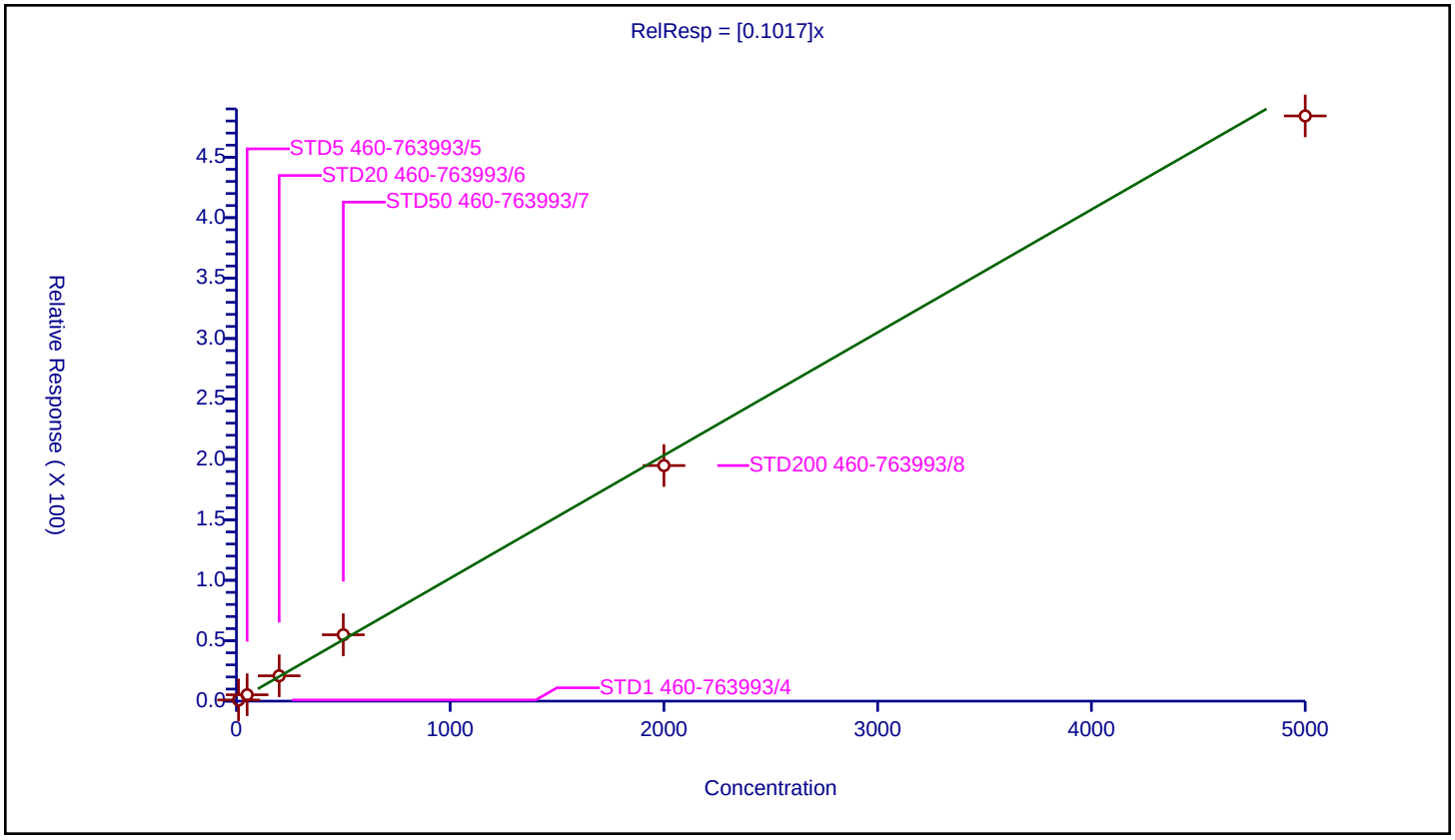
Curve Coefficients

Intercept:	0
Slope:	0.1017

Error Coefficients

Standard Error:	3680000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	10.0	0.959591	50.0	554611.0	0.095959	Y
2	STD5 460-763993/5	50.0	5.25659	50.0	607466.0	0.105132	Y
3	STD20 460-763993/6	200.0	20.976904	50.0	582145.0	0.104885	Y
4	STD50 460-763993/7	500.0	54.901707	50.0	642011.0	0.109803	Y
5	STD200 460-763993/8	2000.0	194.906881	50.0	715377.0	0.097453	Y
6	STD500 460-763993/9	5000.0	484.182996	50.0	795002.0	0.096837	Y



Calibration / Tetrahydrofuran

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

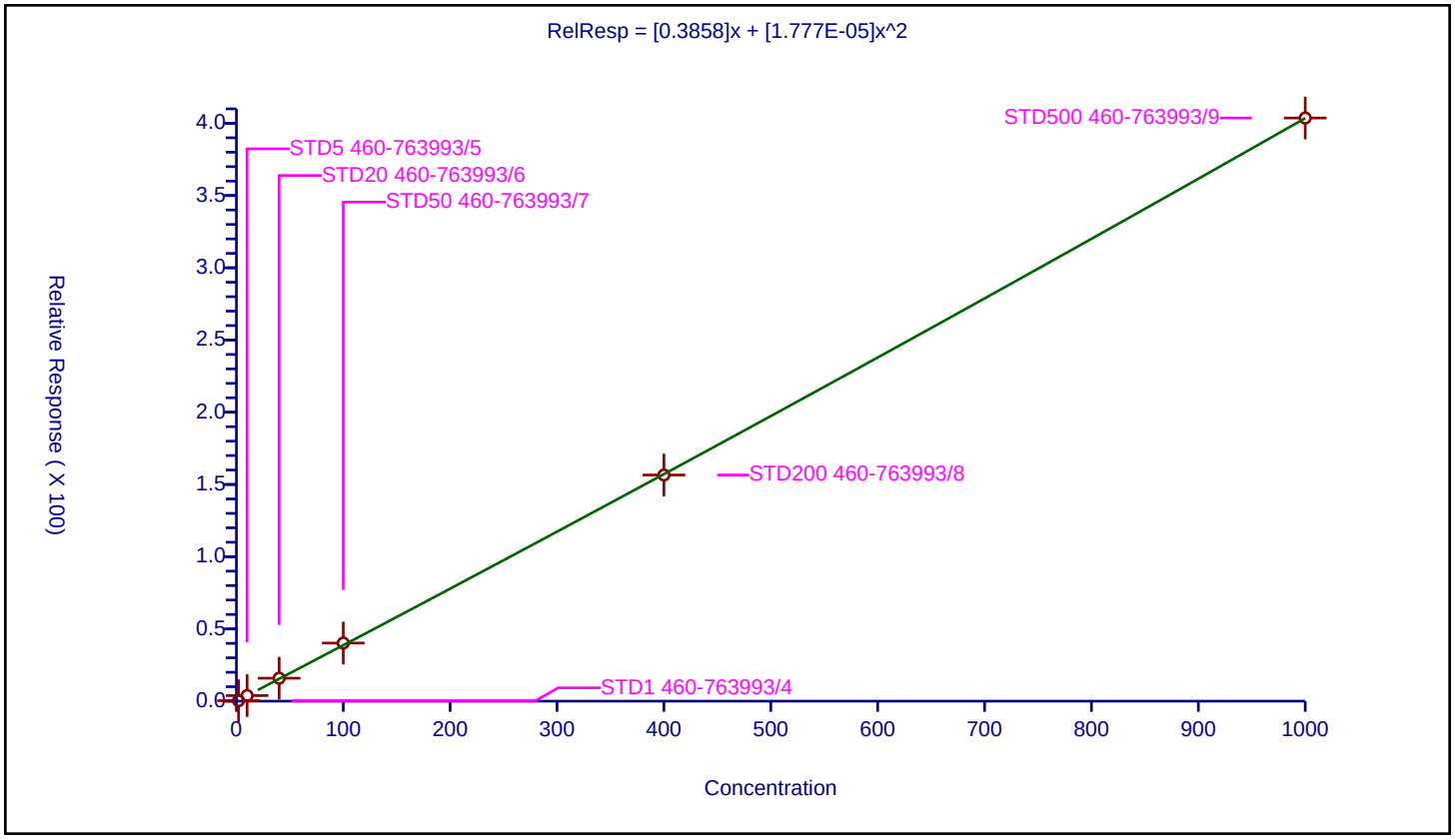
Curve Coefficients

Intercept:	0
Slope:	0.3858
Second Order:	1.777E-05

Error Coefficients

Standard Error:	297000
Relative Standard Error:	28.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.331022	250.0	261312.0	0.165511	Y
2	STD5 460-763993/5	10.0	3.868847	250.0	290332.0	0.386885	Y
3	STD20 460-763993/6	40.0	15.889183	250.0	255032.0	0.39723	Y
4	STD50 460-763993/7	100.0	40.218814	250.0	324705.0	0.402188	Y
5	STD200 460-763993/8	400.0	156.555339	250.0	333850.0	0.391388	Y
6	STD500 460-763993/9	1000.0	403.667562	250.0	343607.0	0.403668	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

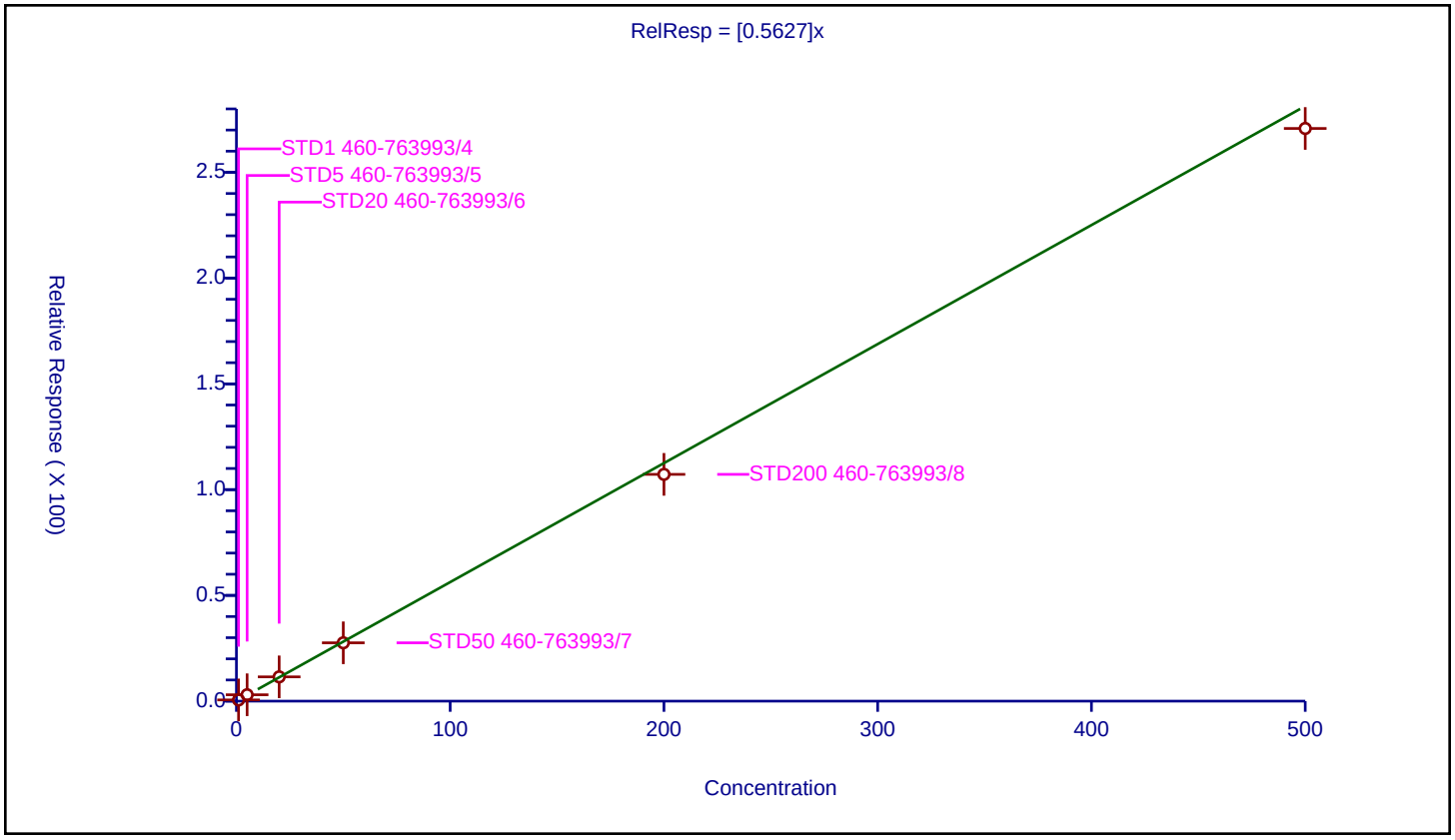
Curve Coefficients

Intercept:	0
Slope:	0.5627

Error Coefficients

Standard Error:	2050000
Relative Standard Error:	4.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.569949	50.0	554611.0	0.569949	Y
2	STD5 460-763993/5	5.0	3.014819	50.0	607466.0	0.602964	Y
3	STD20 460-763993/6	20.0	11.478154	50.0	582145.0	0.573908	Y
4	STD50 460-763993/7	50.0	27.578655	50.0	642011.0	0.551573	Y
5	STD200 460-763993/8	200.0	107.214308	50.0	715377.0	0.536072	Y
6	STD500 460-763993/9	500.0	270.748061	50.0	795002.0	0.541496	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

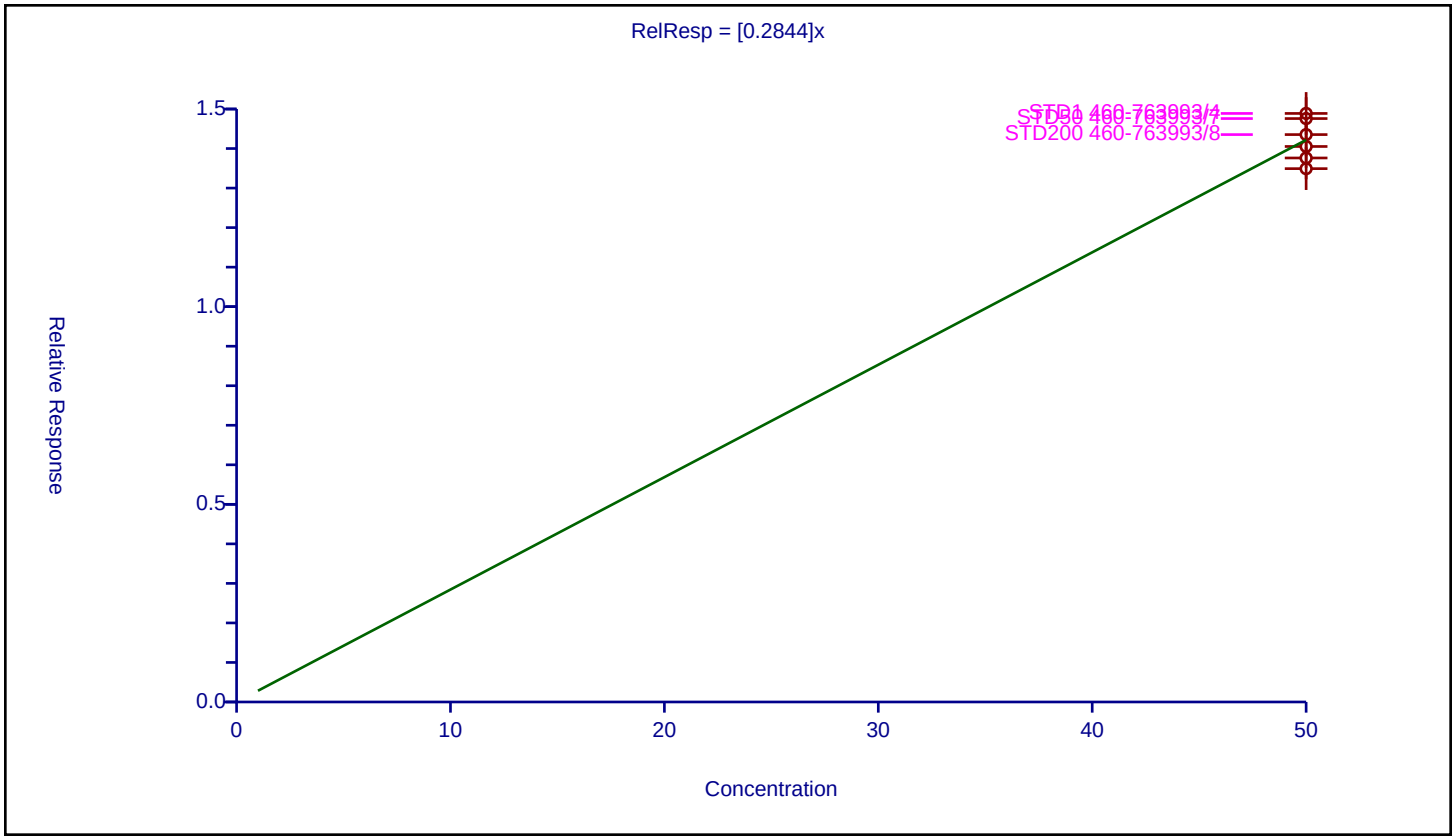
Curve Coefficients

Intercept:	0
Slope:	0.2844

Error Coefficients

Standard Error:	203000
Relative Standard Error:	3.9
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	50.0	14.888183	50.0	554611.0	0.297764	Y
2	STD5 460-763993/5	50.0	13.761182	50.0	607466.0	0.275224	Y
3	STD20 460-763993/6	50.0	14.052513	50.0	582145.0	0.28105	Y
4	STD50 460-763993/7	50.0	14.758314	50.0	642011.0	0.295166	Y
5	STD200 460-763993/8	50.0	14.353131	50.0	715377.0	0.287063	Y
6	STD500 460-763993/9	50.0	13.491853	50.0	795002.0	0.269837	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

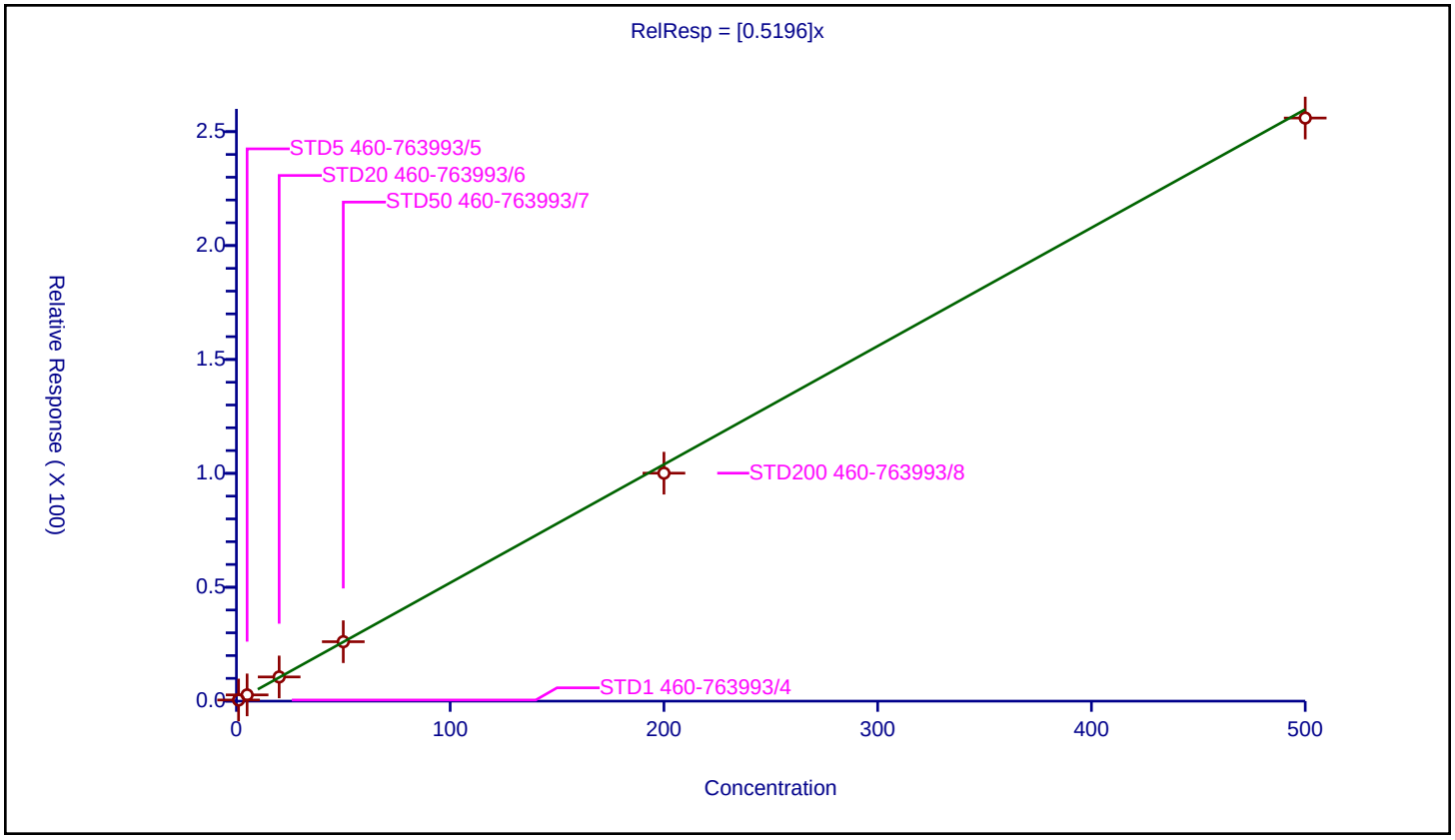
Curve Coefficients

Intercept:	0
Slope:	0.5196

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	3.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.502514	50.0	554611.0	0.502514	Y
2	STD5 460-763993/5	5.0	2.74682	50.0	607466.0	0.549364	Y
3	STD20 460-763993/6	20.0	10.625188	50.0	582145.0	0.531259	Y
4	STD50 460-763993/7	50.0	26.088727	50.0	642011.0	0.521775	Y
5	STD200 460-763993/8	200.0	100.0852	50.0	715377.0	0.500426	Y
6	STD500 460-763993/9	500.0	255.987784	50.0	795002.0	0.511976	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

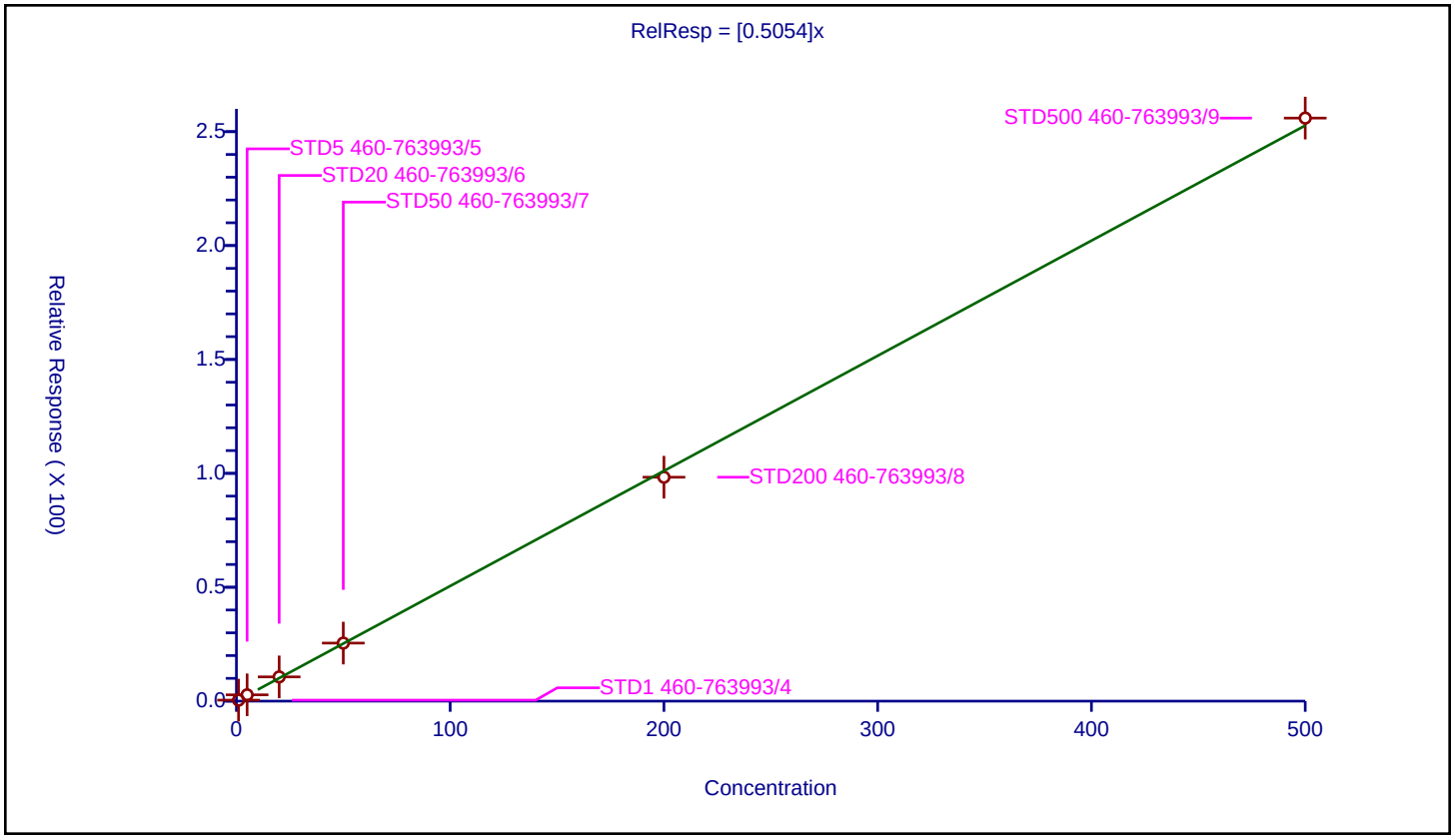
Curve Coefficients

Intercept:	0
Slope:	0.5054

Error Coefficients

Standard Error:	1930000
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.43508	50.0	554611.0	0.43508	Y
2	STD5 460-763993/5	5.0	2.760648	50.0	607466.0	0.55213	Y
3	STD20 460-763993/6	20.0	10.640734	50.0	582145.0	0.532037	Y
4	STD50 460-763993/7	50.0	25.484532	50.0	642011.0	0.509691	Y
5	STD200 460-763993/8	200.0	98.302364	50.0	715377.0	0.491512	Y
6	STD500 460-763993/9	500.0	255.962878	50.0	795002.0	0.511926	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

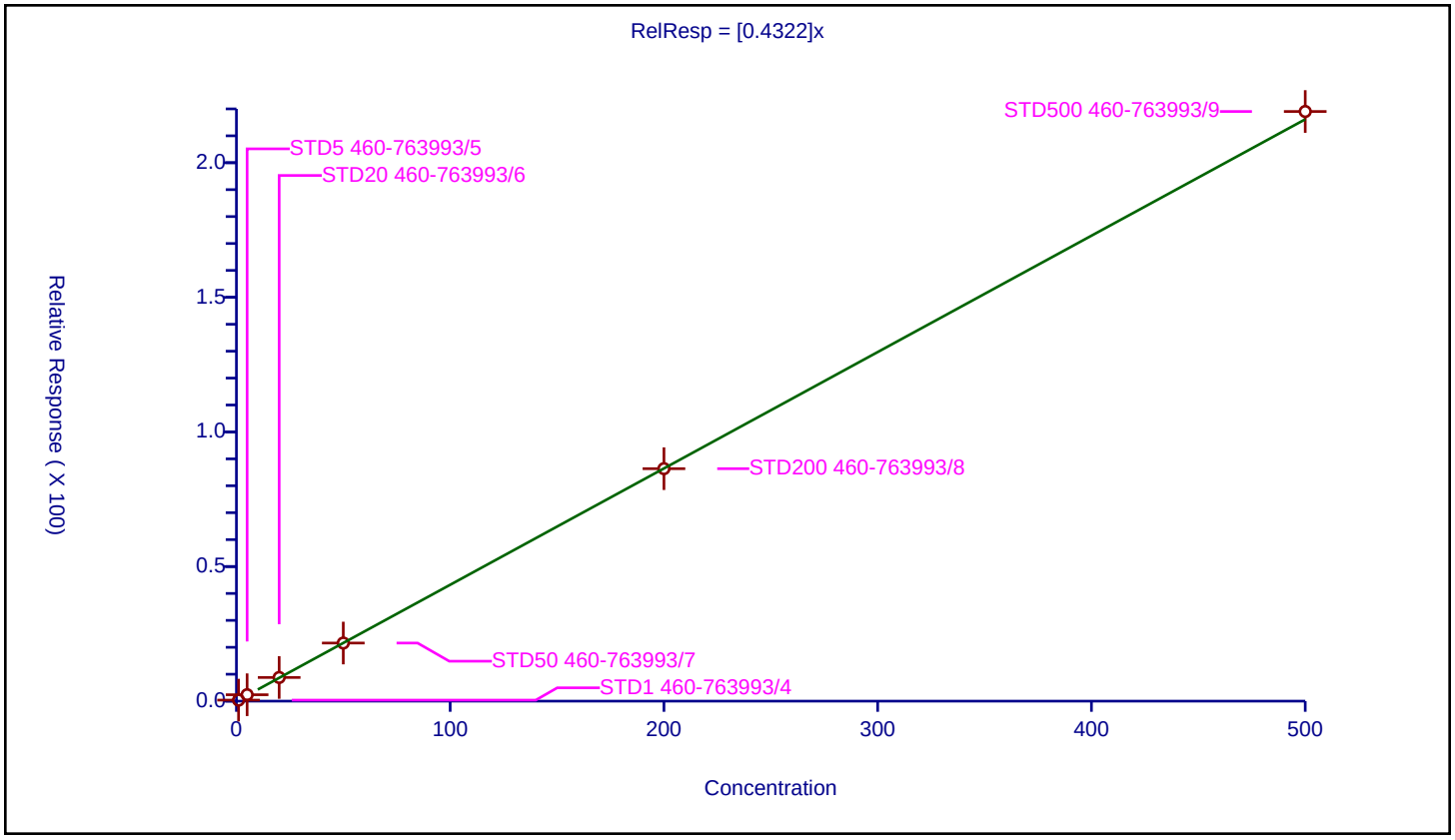
Curve Coefficients

Intercept:	0
Slope:	0.4322

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	7.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.376841	50.0	554611.0	0.376841	Y
2	STD5 460-763993/5	5.0	2.377417	50.0	607466.0	0.475483	Y
3	STD20 460-763993/6	20.0	8.790765	50.0	582145.0	0.439538	Y
4	STD50 460-763993/7	50.0	21.584132	50.0	642011.0	0.431683	Y
5	STD200 460-763993/8	200.0	86.357263	50.0	715377.0	0.431786	Y
6	STD500 460-763993/9	500.0	219.029072	50.0	795002.0	0.438058	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

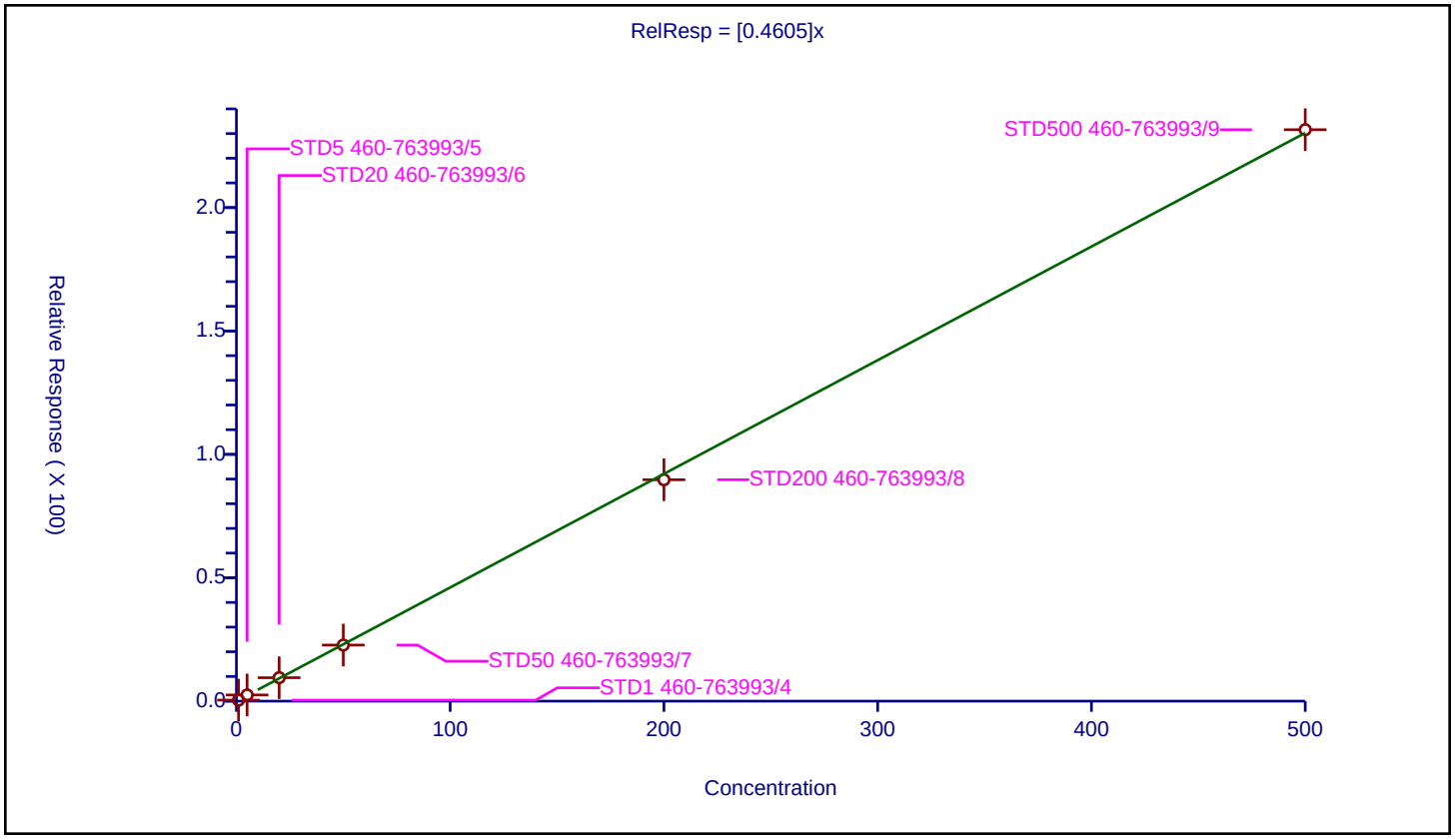
Curve Coefficients

Intercept:	0
Slope:	0.4605

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.420204	50.0	554611.0	0.420204	Y
2	STD5 460-763993/5	5.0	2.50977	50.0	607466.0	0.501954	Y
3	STD20 460-763993/6	20.0	9.492652	50.0	582145.0	0.474633	Y
4	STD50 460-763993/7	50.0	22.729128	50.0	642011.0	0.454583	Y
5	STD200 460-763993/8	200.0	89.715353	50.0	715377.0	0.448577	Y
6	STD500 460-763993/9	500.0	231.572625	50.0	795002.0	0.463145	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

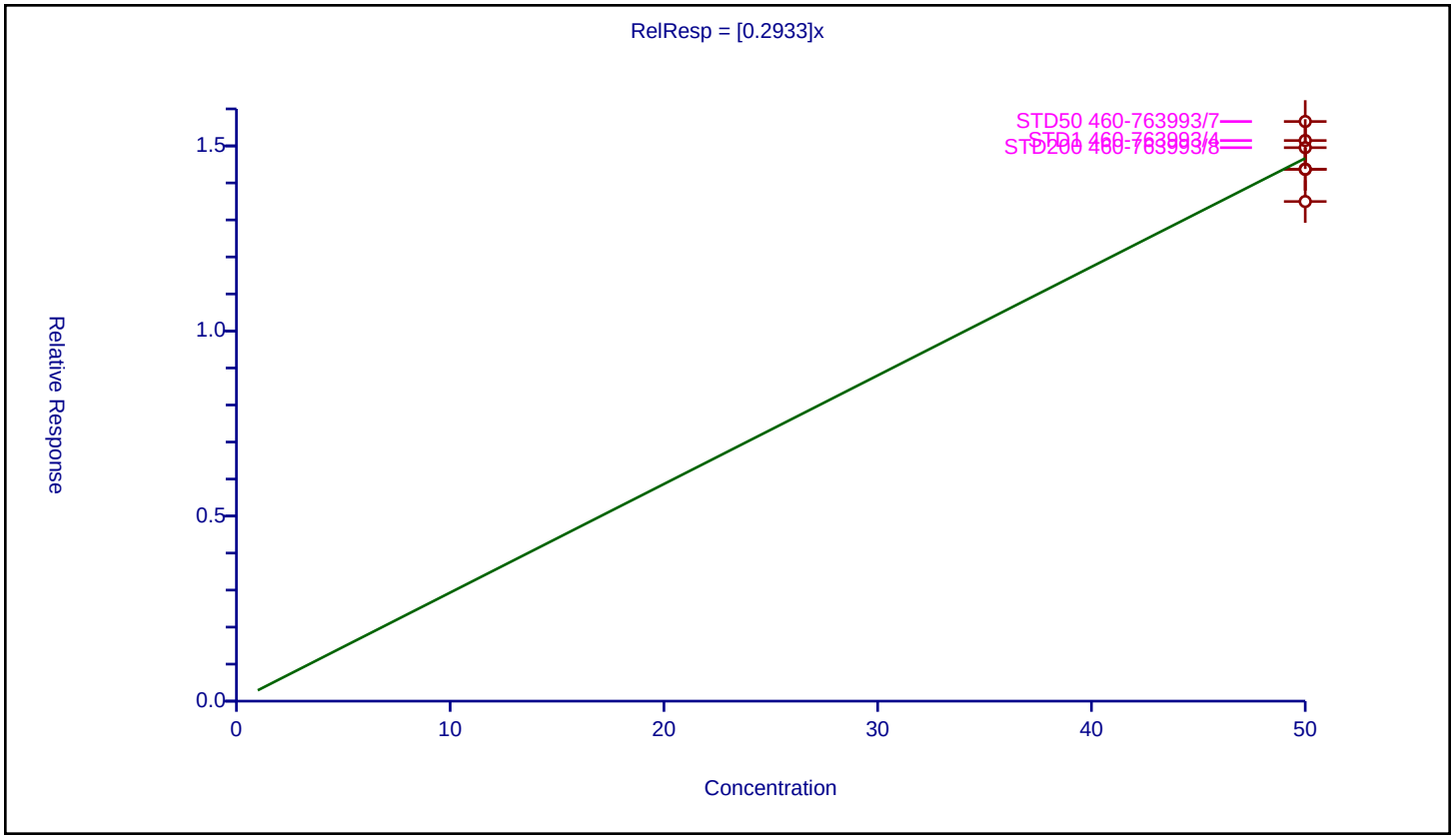
Curve Coefficients

Intercept:	0
Slope:	0.2933

Error Coefficients

Standard Error:	209000
Relative Standard Error:	5.1
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	50.0	15.14548	50.0	554611.0	0.30291	Y
2	STD5 460-763993/5	50.0	14.371175	50.0	607466.0	0.287423	Y
3	STD20 460-763993/6	50.0	14.366438	50.0	582145.0	0.287329	Y
4	STD50 460-763993/7	50.0	15.65861	50.0	642011.0	0.313172	Y
5	STD200 460-763993/8	50.0	14.952186	50.0	715377.0	0.299044	Y
6	STD500 460-763993/9	50.0	13.497199	50.0	795002.0	0.269944	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

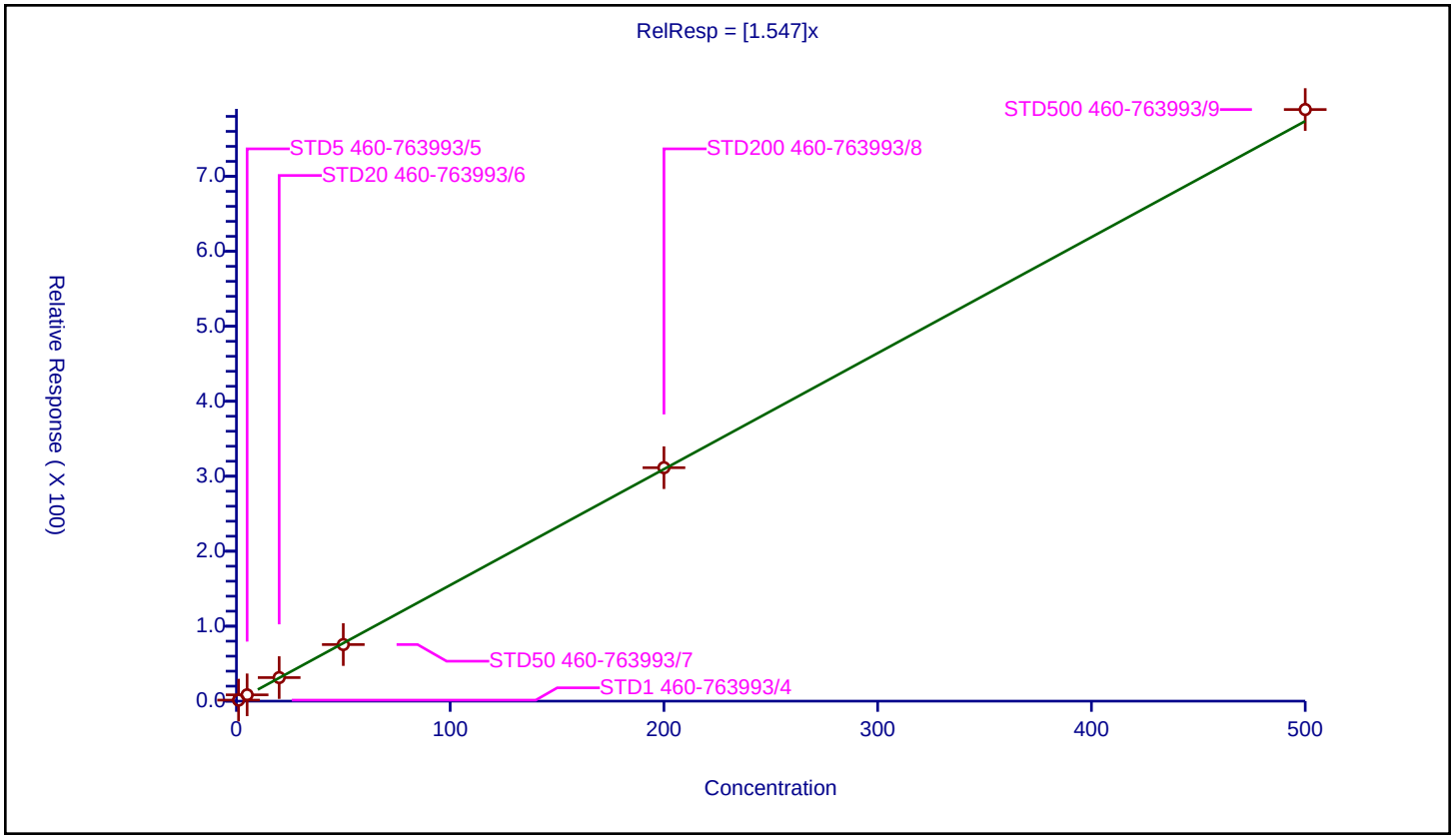
Curve Coefficients

Intercept:	0
Slope:	1.547

Error Coefficients

Standard Error:	4630000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.384139	50.0	451183.0	1.384139	Y
2	STD5 460-763993/5	5.0	8.418887	50.0	465792.0	1.683777	Y
3	STD20 460-763993/6	20.0	31.415	50.0	466438.0	1.57075	Y
4	STD50 460-763993/7	50.0	75.490189	50.0	518780.0	1.509804	Y
5	STD200 460-763993/8	200.0	311.401531	50.0	553873.0	1.557008	Y
6	STD500 460-763993/9	500.0	789.156642	50.0	616903.0	1.578313	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

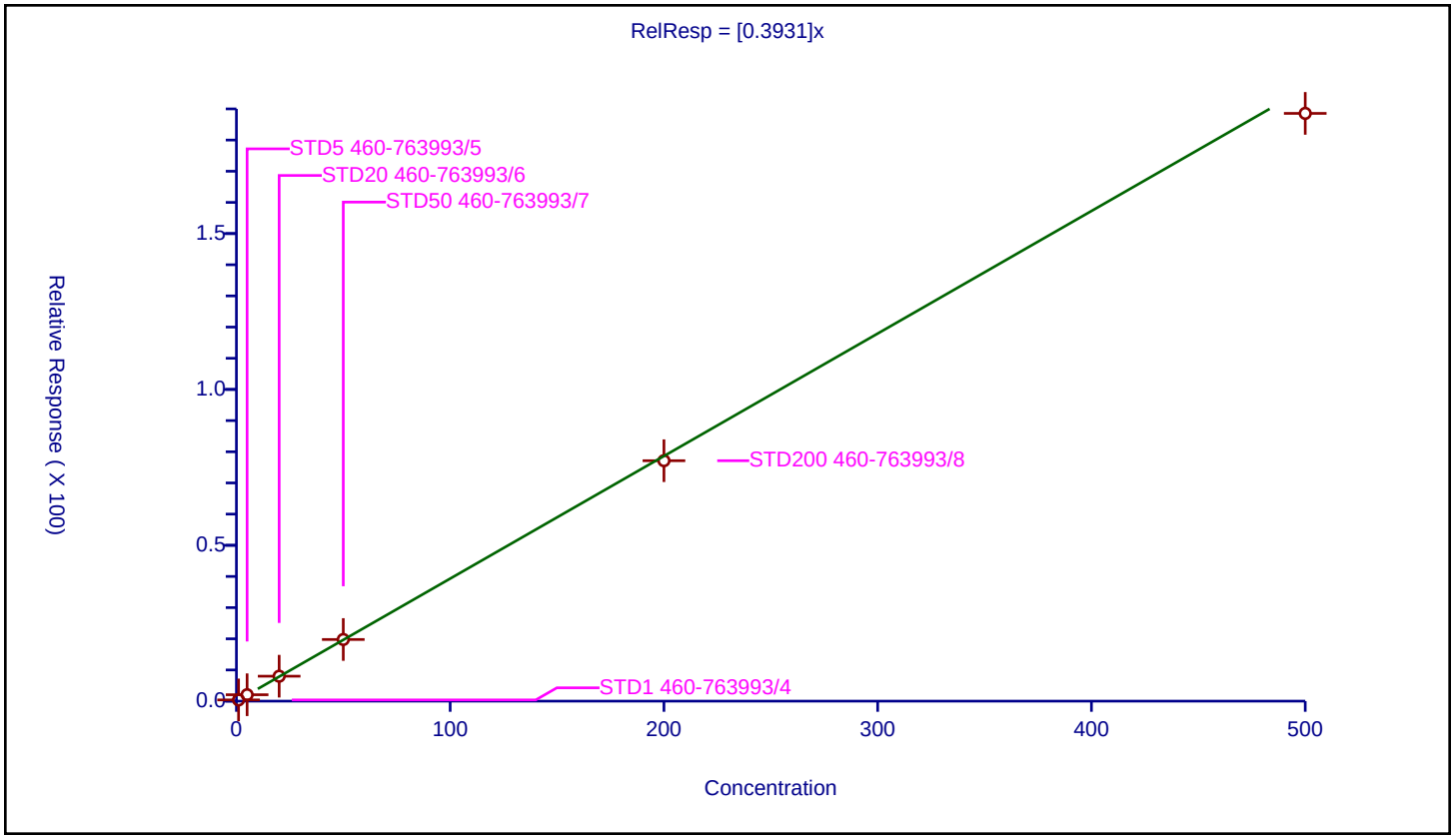
Curve Coefficients

Intercept:	0
Slope:	0.3931

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.389372	50.0	554611.0	0.389372	Y
2	STD5 460-763993/5	5.0	2.05386	50.0	607466.0	0.410772	Y
3	STD20 460-763993/6	20.0	8.001271	50.0	582145.0	0.400064	Y
4	STD50 460-763993/7	50.0	19.77801	50.0	642011.0	0.39556	Y
5	STD200 460-763993/8	200.0	77.137999	50.0	715377.0	0.38569	Y
6	STD500 460-763993/9	500.0	188.551916	50.0	795002.0	0.377104	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

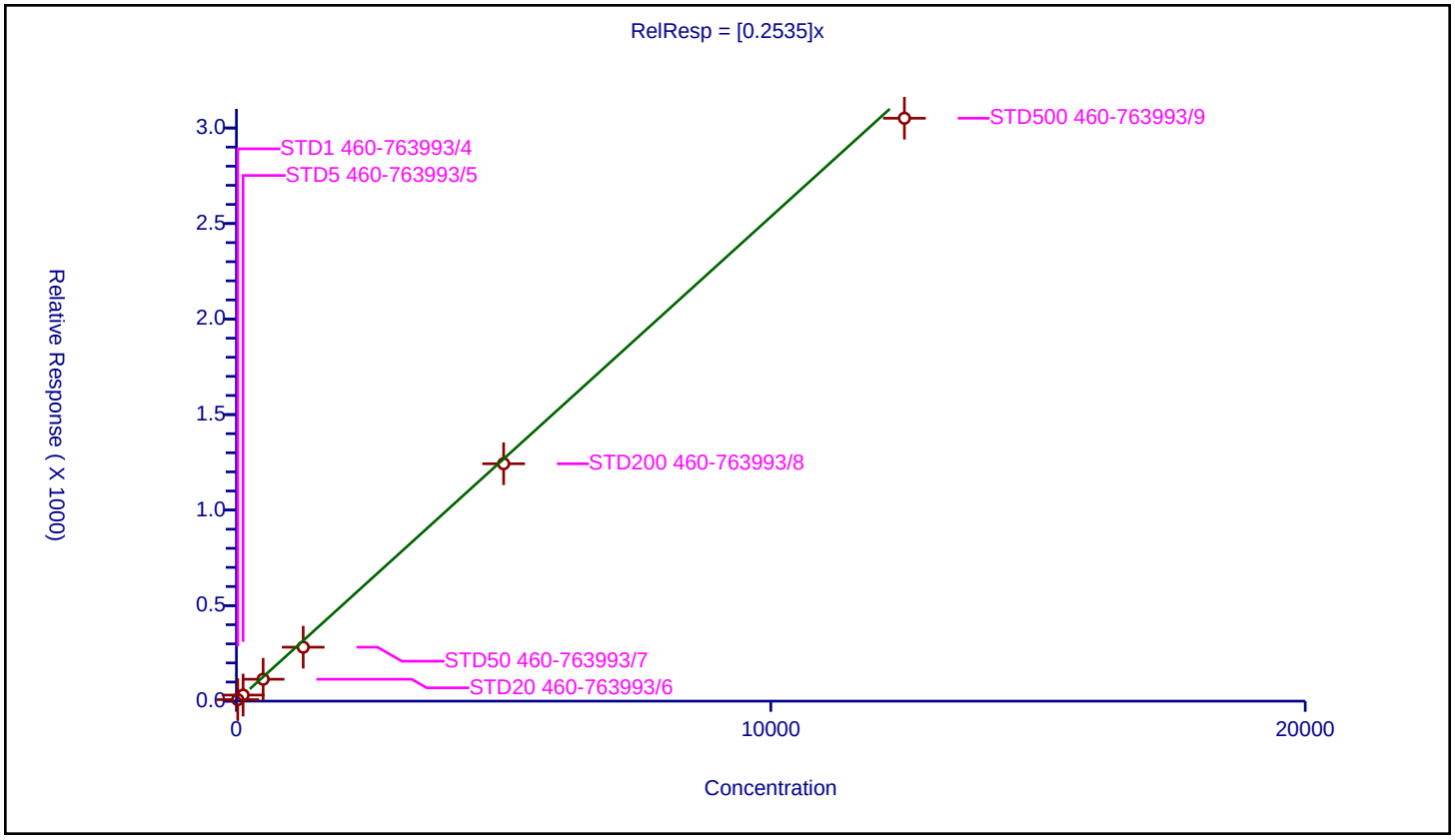
Curve Coefficients

Intercept:	0
Slope:	0.2535

Error Coefficients

Standard Error:	408000
Relative Standard Error:	13.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	25.0	7.95215	1000.0	261816.0	0.318086	Y
2	STD5 460-763993/5	125.0	31.92025	1000.0	248275.0	0.255362	Y
3	STD20 460-763993/6	500.0	114.665891	1000.0	230269.0	0.229332	Y
4	STD50 460-763993/7	1250.0	282.351573	1000.0	292281.0	0.225881	Y
5	STD200 460-763993/8	5000.0	1242.682039	1000.0	272002.0	0.248536	Y
6	STD500 460-763993/9	12500.0	3051.130316	1000.0	277135.0	0.24409	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

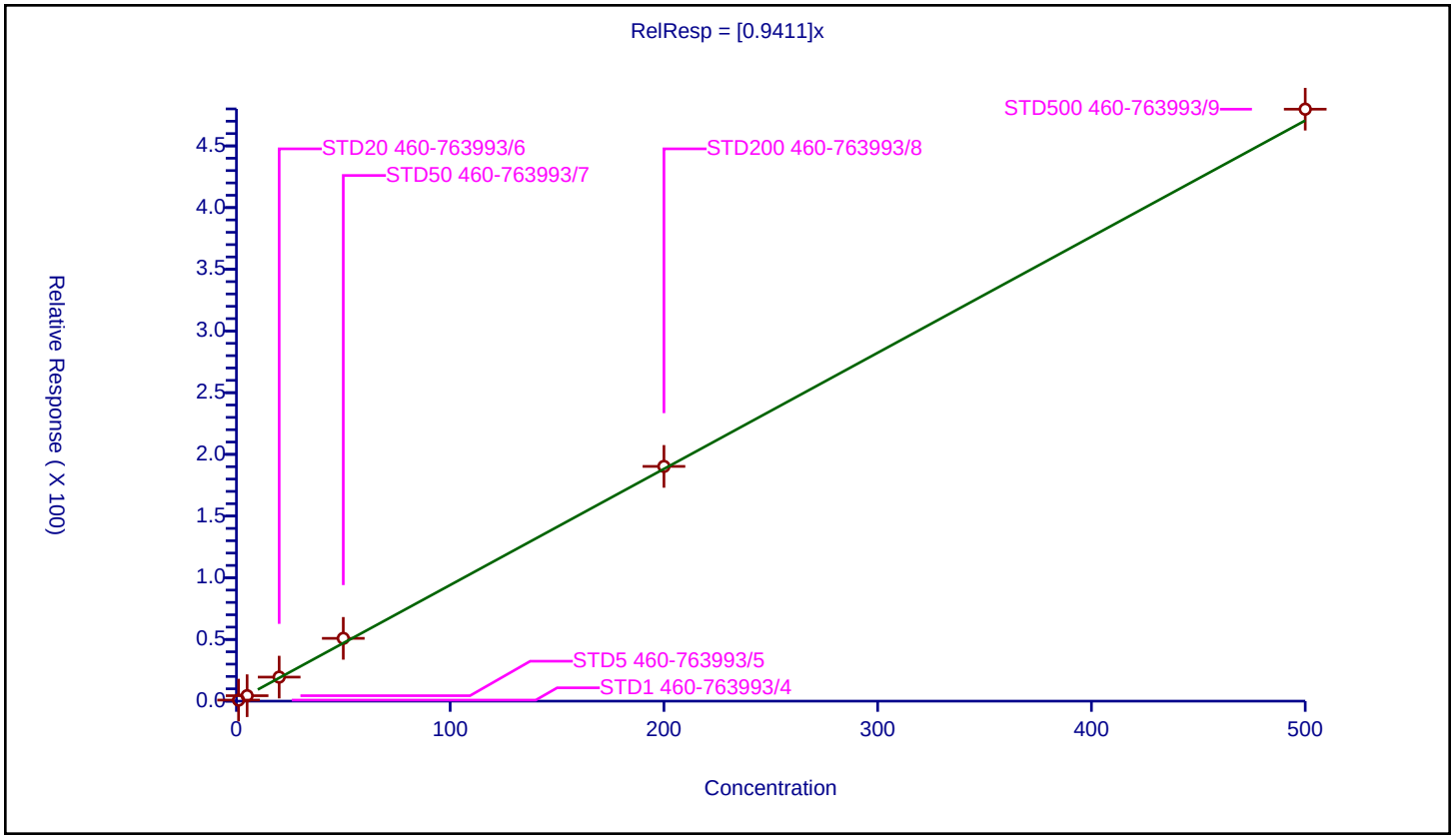
Curve Coefficients

Intercept:	0
Slope:	0.9411

Error Coefficients

Standard Error:	3640000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.863218	50.0	554611.0	0.863218	Y
2	STD5 460-763993/5	5.0	4.403621	50.0	607466.0	0.880724	Y
3	STD20 460-763993/6	20.0	19.484063	50.0	582145.0	0.974203	Y
4	STD50 460-763993/7	50.0	50.888692	50.0	642011.0	1.017774	Y
5	STD200 460-763993/8	200.0	190.255767	50.0	715377.0	0.951279	Y
6	STD500 460-763993/9	500.0	479.771183	50.0	795002.0	0.959542	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

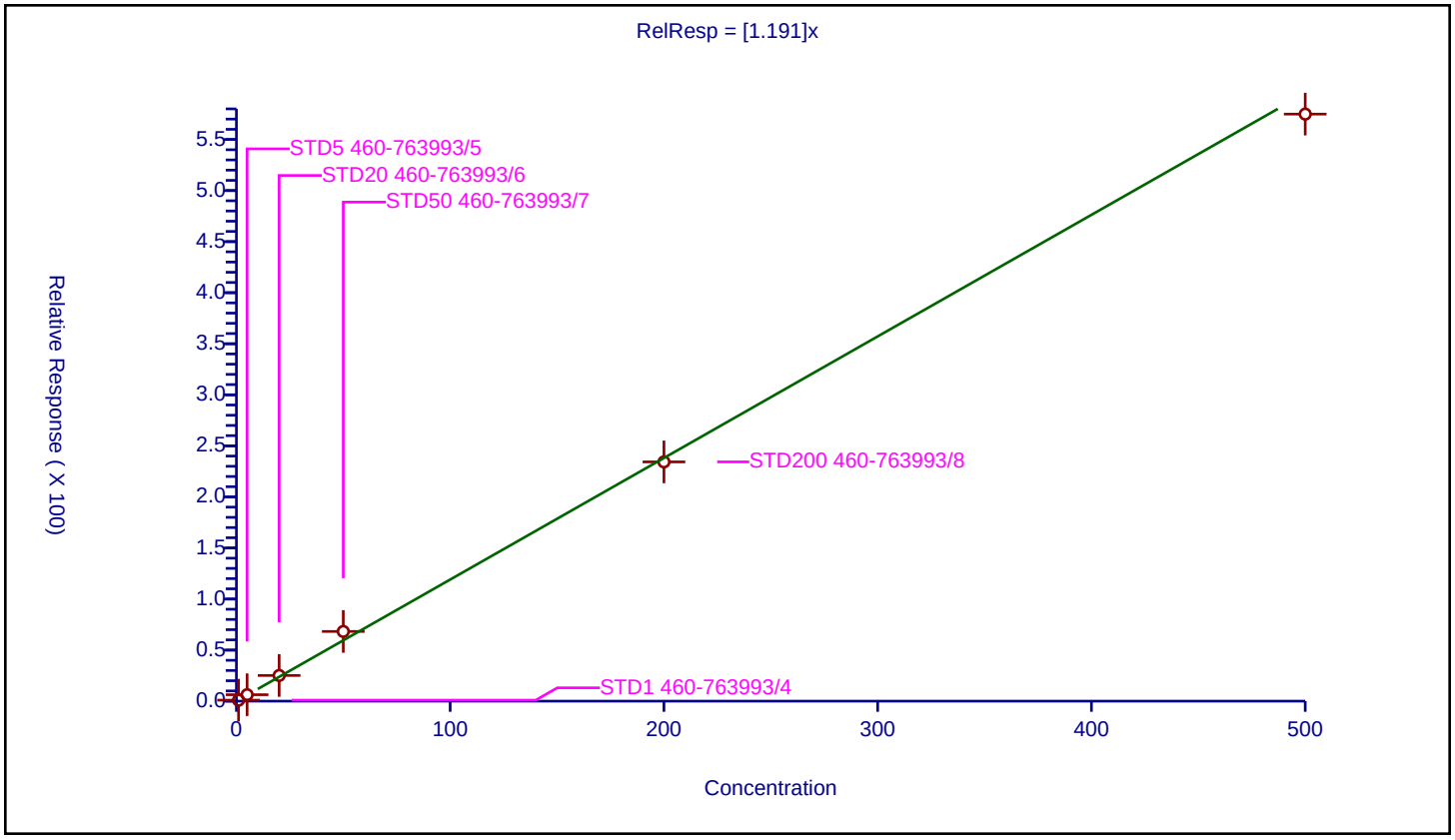
Curve Coefficients

Intercept:	0
Slope:	1.191

Error Coefficients

Standard Error:	4370000
Relative Standard Error:	12.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.939127	50.0	554611.0	0.939127	Y
2	STD5 460-763993/5	5.0	6.31023	50.0	607466.0	1.262046	Y
3	STD20 460-763993/6	20.0	25.125957	50.0	582145.0	1.256298	Y
4	STD50 460-763993/7	50.0	68.236526	50.0	642011.0	1.364731	Y
5	STD200 460-763993/8	200.0	234.299817	50.0	715377.0	1.171499	Y
6	STD500 460-763993/9	500.0	574.886415	50.0	795002.0	1.149773	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

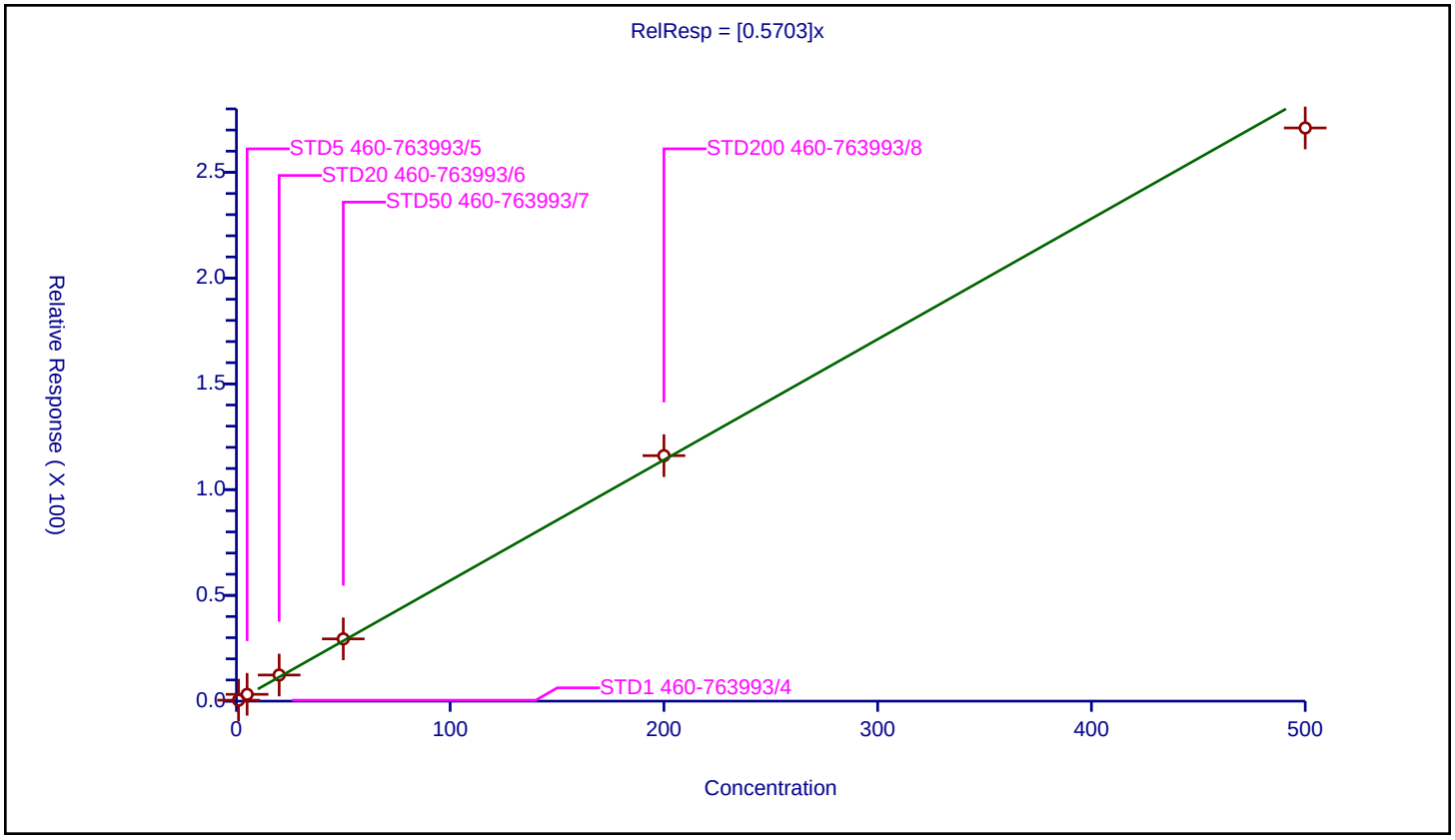
Curve Coefficients

Intercept:	0
Slope:	0.5703

Error Coefficients

Standard Error:	2070000
Relative Standard Error:	12.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.448693	50.0	554611.0	0.448693	Y
2	STD5 460-763993/5	5.0	3.221744	50.0	607466.0	0.644349	Y
3	STD20 460-763993/6	20.0	12.350703	50.0	582145.0	0.617535	Y
4	STD50 460-763993/7	50.0	29.43353	50.0	642011.0	0.588671	Y
5	STD200 460-763993/8	200.0	116.063348	50.0	715377.0	0.580317	Y
6	STD500 460-763993/9	500.0	270.97957	50.0	795002.0	0.541959	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

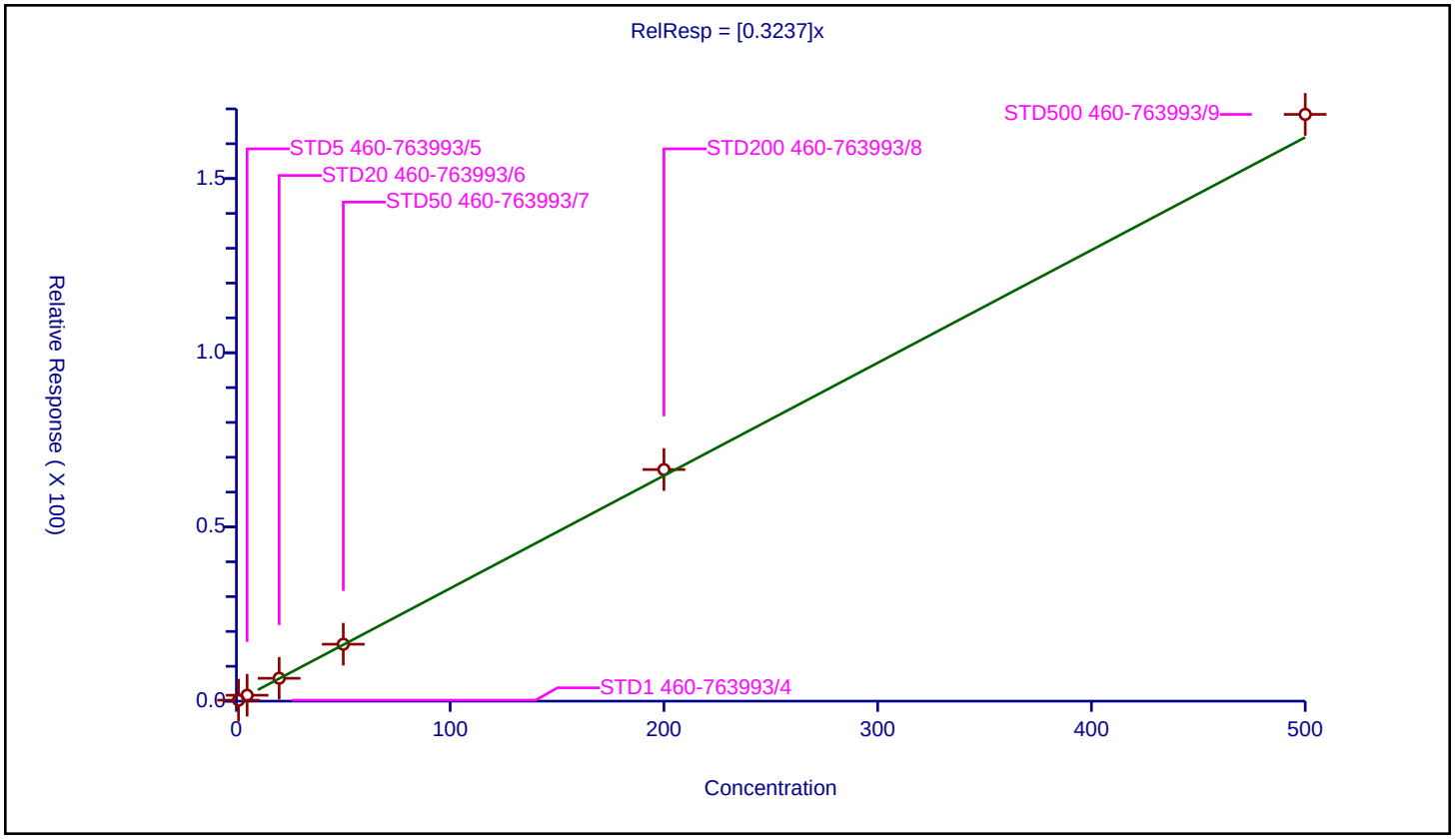
Curve Coefficients

Intercept:	0
Slope:	0.3237

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	6.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.279655	50.0	554611.0	0.279655	Y
2	STD5 460-763993/5	5.0	1.690053	50.0	607466.0	0.338011	Y
3	STD20 460-763993/6	20.0	6.566749	50.0	582145.0	0.328337	Y
4	STD50 460-763993/7	50.0	16.338895	50.0	642011.0	0.326778	Y
5	STD200 460-763993/8	200.0	66.478584	50.0	715377.0	0.332393	Y
6	STD500 460-763993/9	500.0	168.414608	50.0	795002.0	0.336829	Y



Calibration / n-Butanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

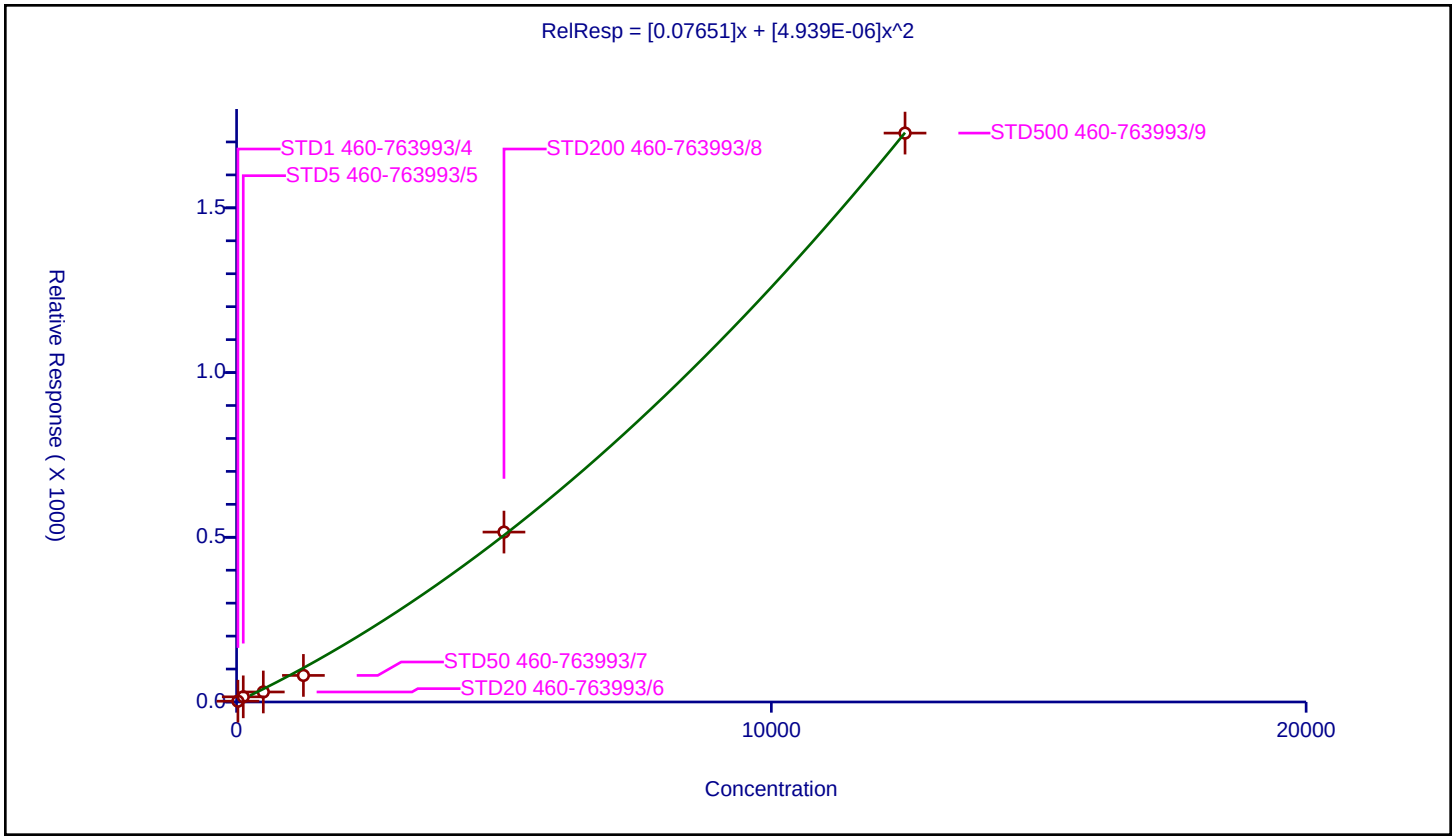
Curve Coefficients

Intercept:	0
Slope:	0.07651
Second Order:	4.939E-06

Error Coefficients

Standard Error:	249000
Relative Standard Error:	36.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	25.0	2.383353	1000.0	261816.0	0.095334	Y
2	STD5 460-763993/5	125.0	15.676166	1000.0	248275.0	0.125409	Y
3	STD20 460-763993/6	500.0	30.390543	1000.0	230269.0	0.060781	Y
4	STD50 460-763993/7	1250.0	80.627889	1000.0	292281.0	0.064502	Y
5	STD200 460-763993/8	5000.0	515.779296	1000.0	272002.0	0.103156	Y
6	STD500 460-763993/9	12500.0	1726.88401	1000.0	277135.0	0.138151	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

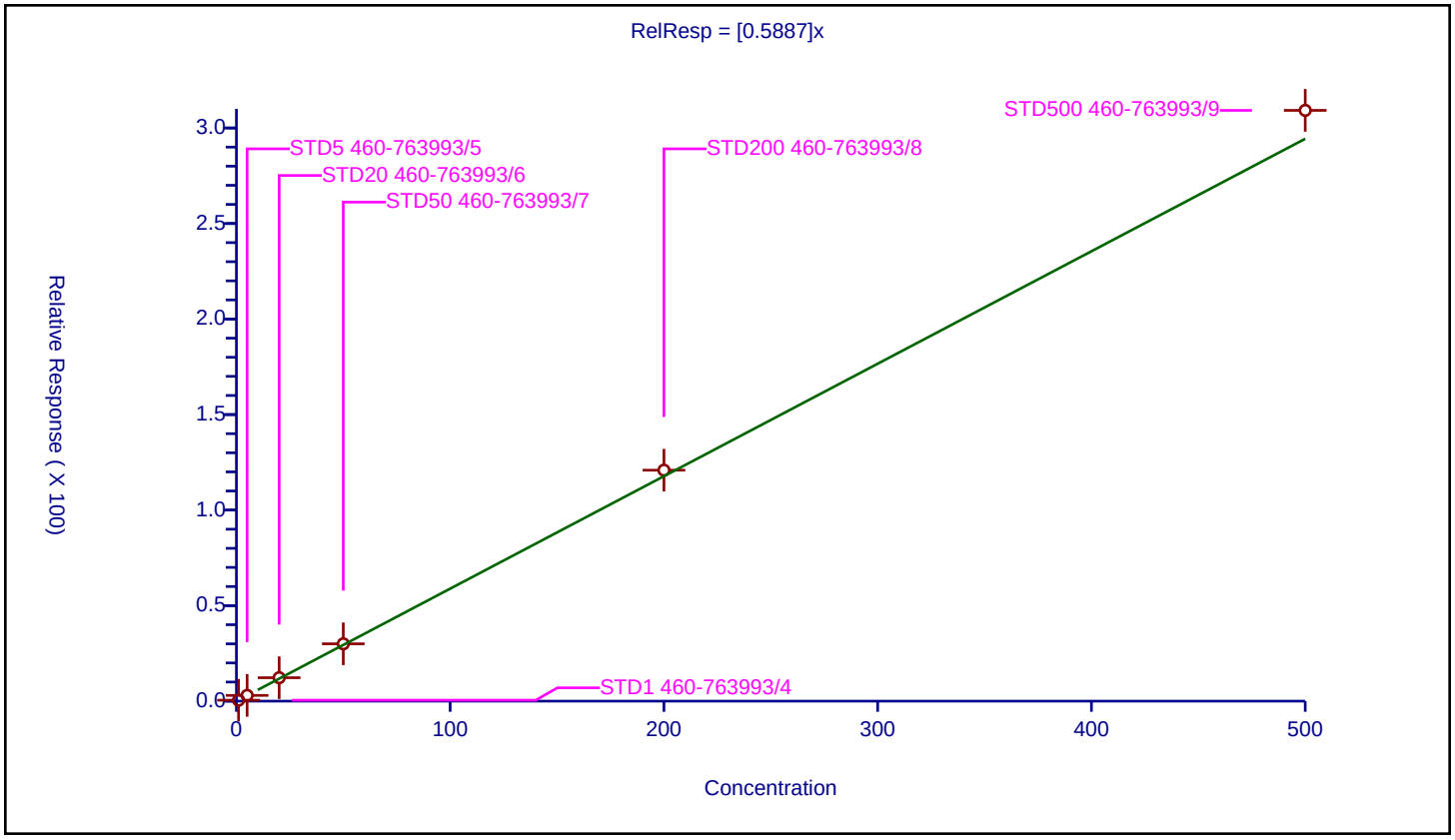
Curve Coefficients

Intercept:	0
Slope:	0.5887

Error Coefficients

Standard Error:	2340000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.494671	50.0	554611.0	0.494671	Y
2	STD5 460-763993/5	5.0	3.006259	50.0	607466.0	0.601252	Y
3	STD20 460-763993/6	20.0	12.264298	50.0	582145.0	0.613215	Y
4	STD50 460-763993/7	50.0	30.005405	50.0	642011.0	0.600108	Y
5	STD200 460-763993/8	200.0	120.89311	50.0	715377.0	0.604466	Y
6	STD500 460-763993/9	500.0	309.217084	50.0	795002.0	0.618434	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

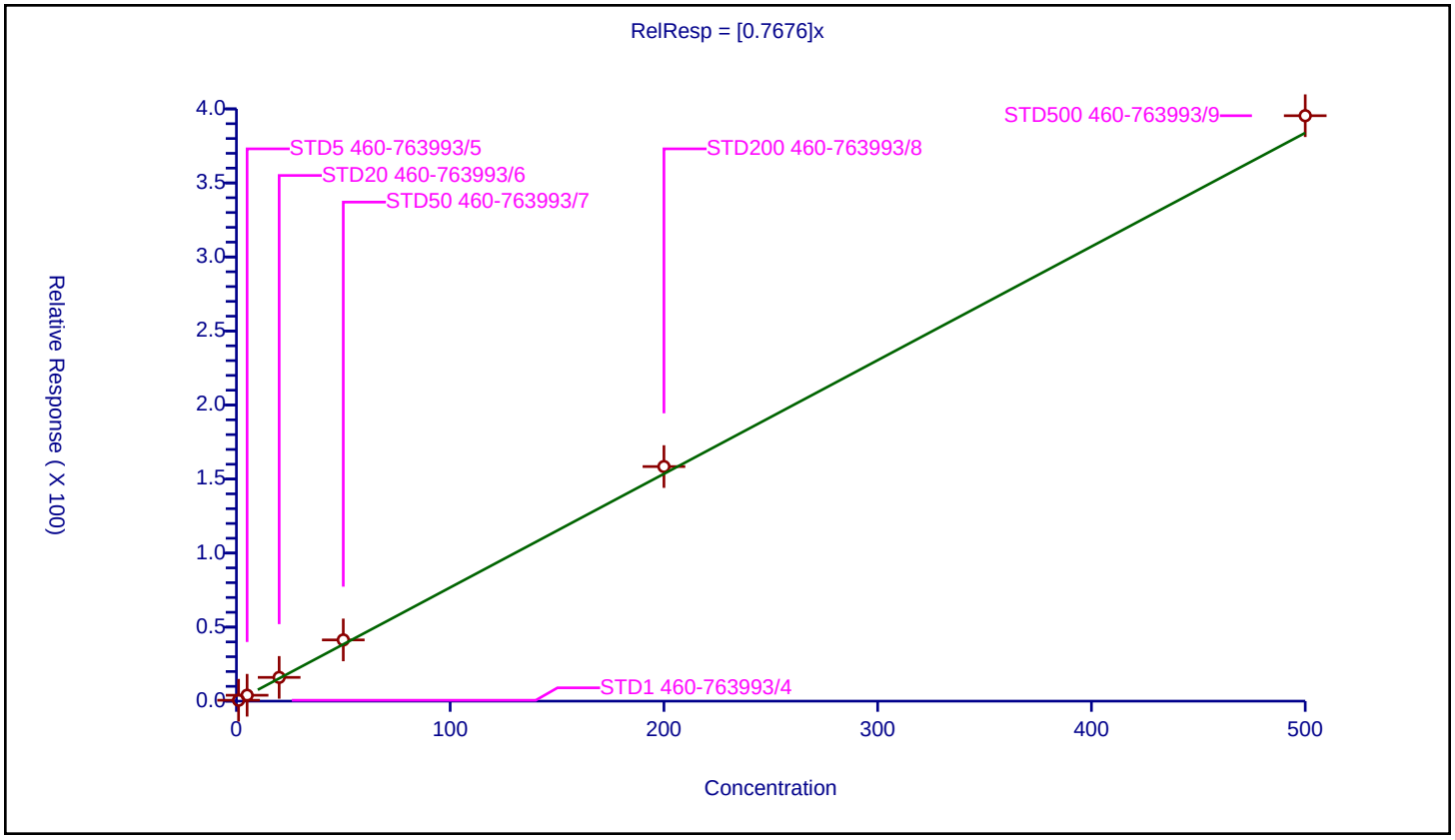
Curve Coefficients

Intercept:	0
Slope:	0.7676

Error Coefficients

Standard Error:	3000000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.595372	50.0	554611.0	0.595372	Y
2	STD5 460-763993/5	5.0	3.991993	50.0	607466.0	0.798399	Y
3	STD20 460-763993/6	20.0	16.033548	50.0	582145.0	0.801677	Y
4	STD50 460-763993/7	50.0	41.350382	50.0	642011.0	0.827008	Y
5	STD200 460-763993/8	200.0	158.438627	50.0	715377.0	0.792193	Y
6	STD500 460-763993/9	500.0	395.392716	50.0	795002.0	0.790785	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

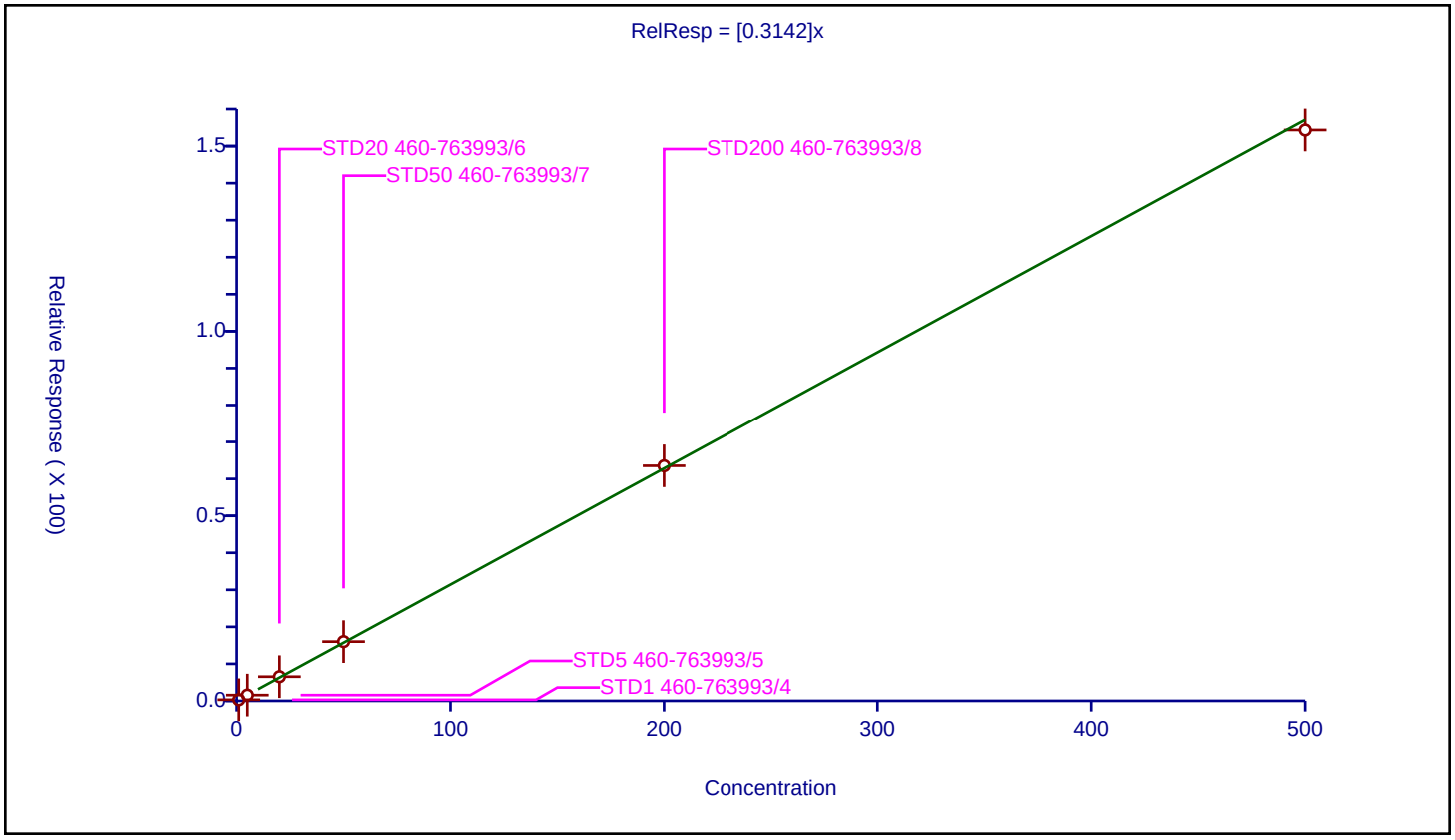
Curve Coefficients

Intercept:	0
Slope:	0.3142

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	2.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.300661	50.0	554611.0	0.300661	Y
2	STD5 460-763993/5	5.0	1.558359	50.0	607466.0	0.311672	Y
3	STD20 460-763993/6	20.0	6.530847	50.0	582145.0	0.326542	Y
4	STD50 460-763993/7	50.0	16.004866	50.0	642011.0	0.320097	Y
5	STD200 460-763993/8	200.0	63.556279	50.0	715377.0	0.317781	Y
6	STD500 460-763993/9	500.0	154.348291	50.0	795002.0	0.308697	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

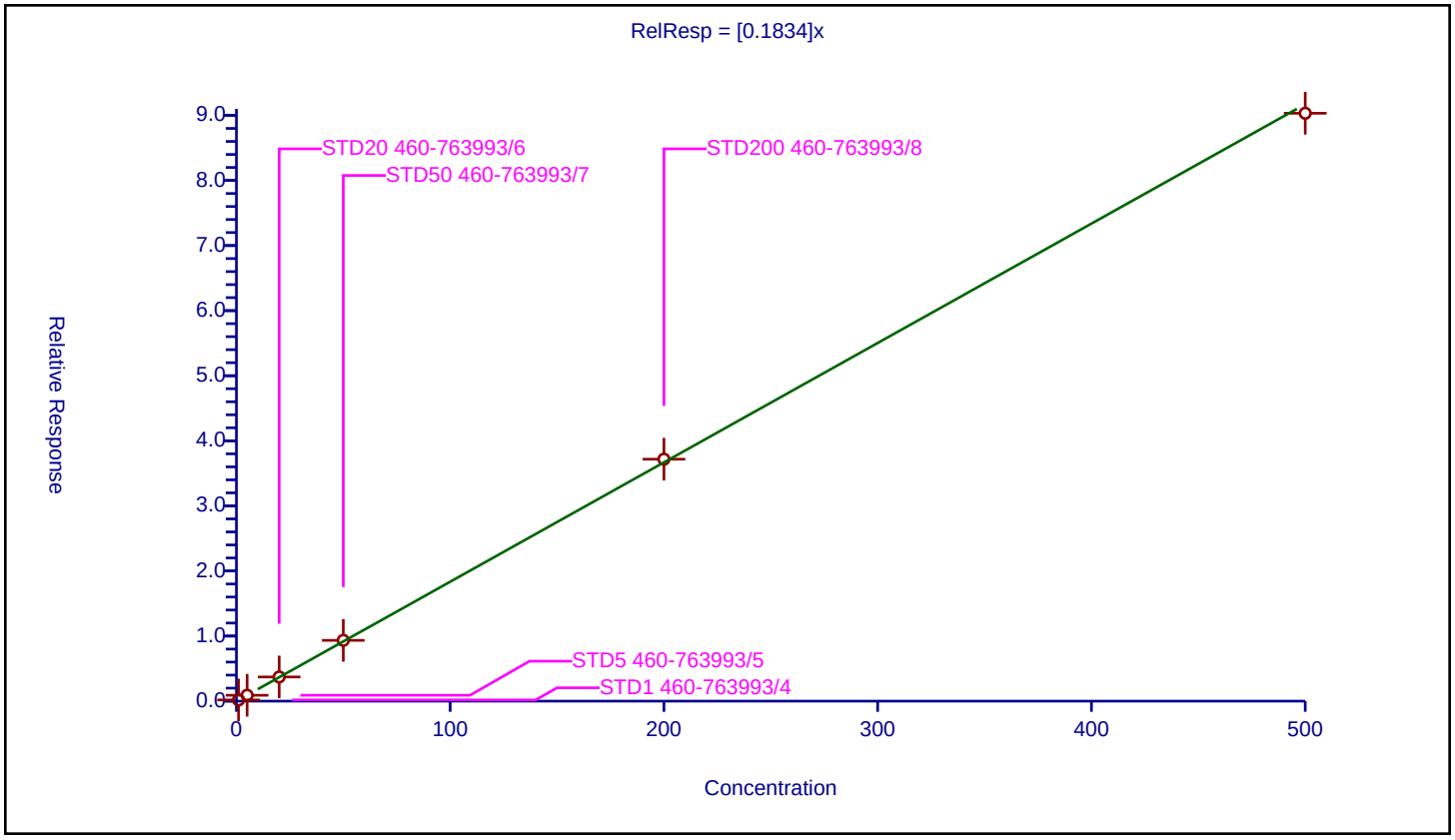
Curve Coefficients

Intercept:	0
Slope:	0.1834

Error Coefficients

Standard Error:	687000
Relative Standard Error:	1.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.180938	50.0	554611.0	0.180938	Y
2	STD5 460-763993/5	5.0	0.902849	50.0	607466.0	0.18057	Y
3	STD20 460-763993/6	20.0	3.713851	50.0	582145.0	0.185693	Y
4	STD50 460-763993/7	50.0	9.342363	50.0	642011.0	0.186847	Y
5	STD200 460-763993/8	200.0	37.17774	50.0	715377.0	0.185889	Y
6	STD500 460-763993/9	500.0	90.330842	50.0	795002.0	0.180662	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

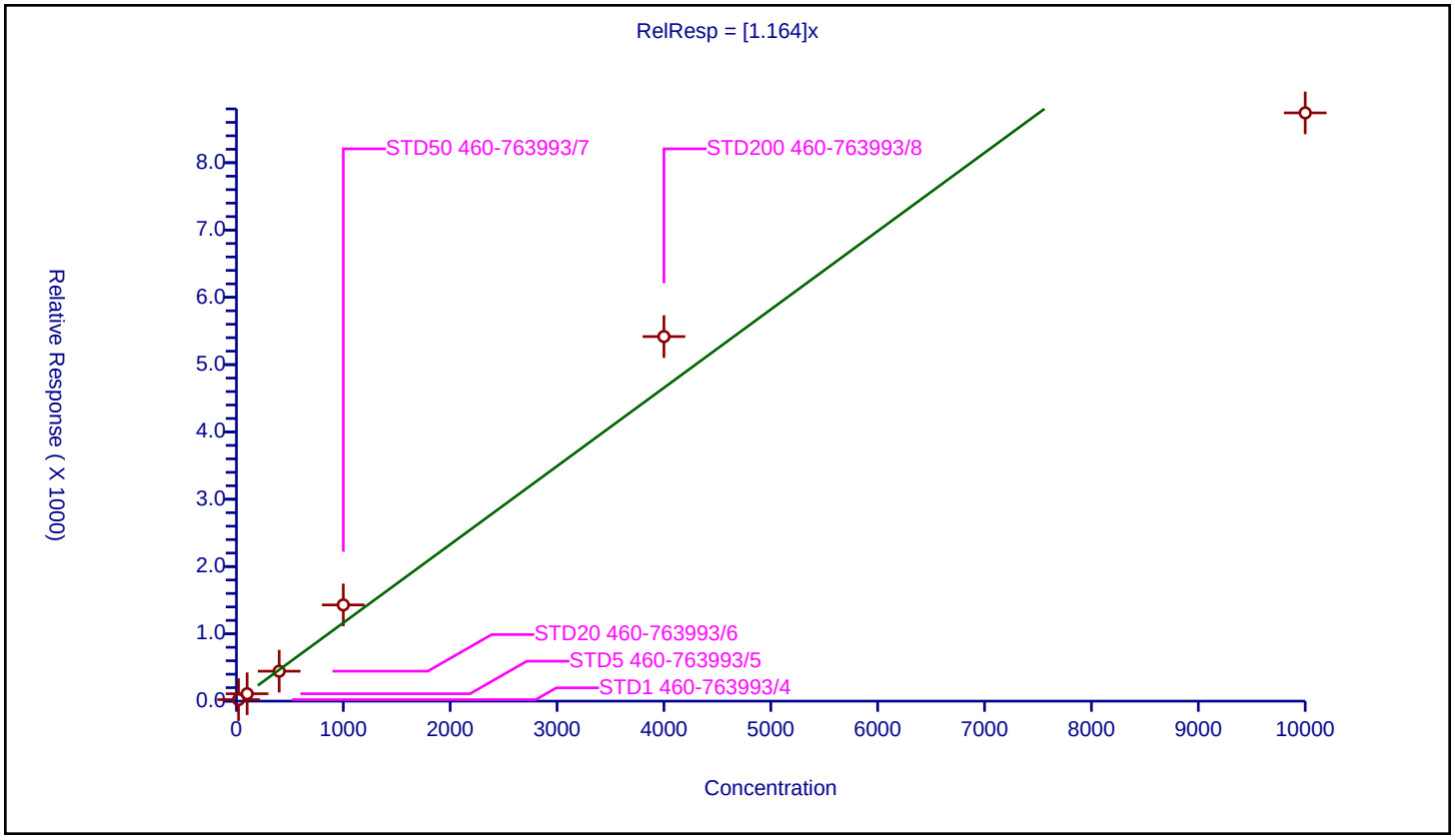
Curve Coefficients

Intercept:	0
Slope:	1.164

Error Coefficients

Standard Error:	111000
Relative Standard Error:	17.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	20.0	22.266083	1000.0	16213.0	1.113304	Y
2	STD5 460-763993/5	100.0	109.977502	1000.0	19113.0	1.099775	Y
3	STD20 460-763993/6	400.0	445.066916	1000.0	16065.0	1.112667	Y
4	STD50 460-763993/7	1000.0	1429.718089	1000.0	15324.0	1.429718	Y
5	STD200 460-763993/8	4000.0	5417.302948	1000.0	17026.0	1.354326	Y
6	STD500 460-763993/9	10000.0	8740.560118	1000.0	27887.0	0.874056	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

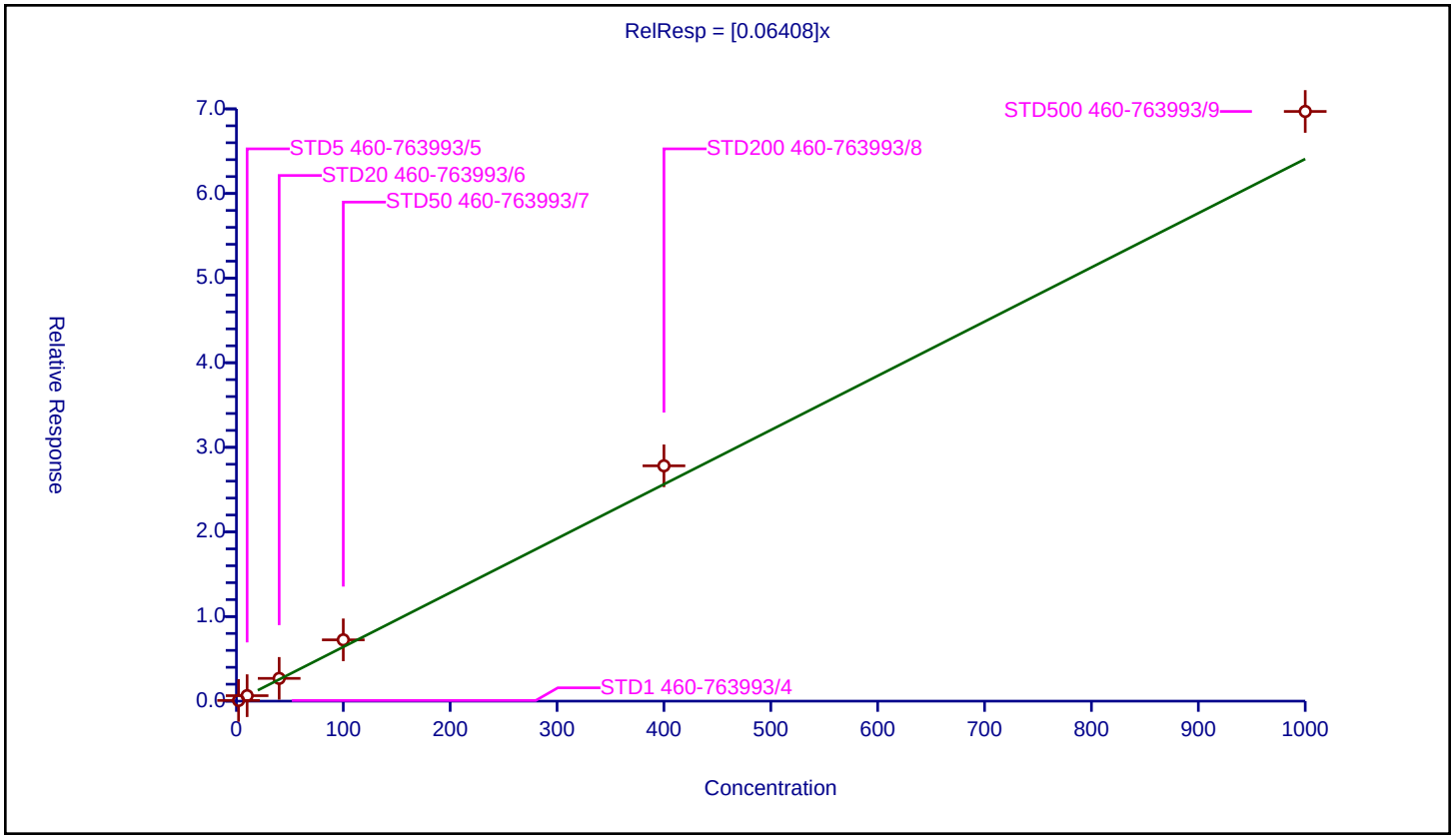
Curve Coefficients

Intercept:	0
Slope:	0.06408

Error Coefficients

Standard Error:	528000
Relative Standard Error:	18.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.081769	50.0	554611.0	0.040885	Y
2	STD5 460-763993/5	10.0	0.646538	50.0	607466.0	0.064654	Y
3	STD20 460-763993/6	40.0	2.691168	50.0	582145.0	0.067279	Y
4	STD50 460-763993/7	100.0	7.243567	50.0	642011.0	0.072436	Y
5	STD200 460-763993/8	400.0	27.814635	50.0	715377.0	0.069537	Y
6	STD500 460-763993/9	1000.0	69.698189	50.0	795002.0	0.069698	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

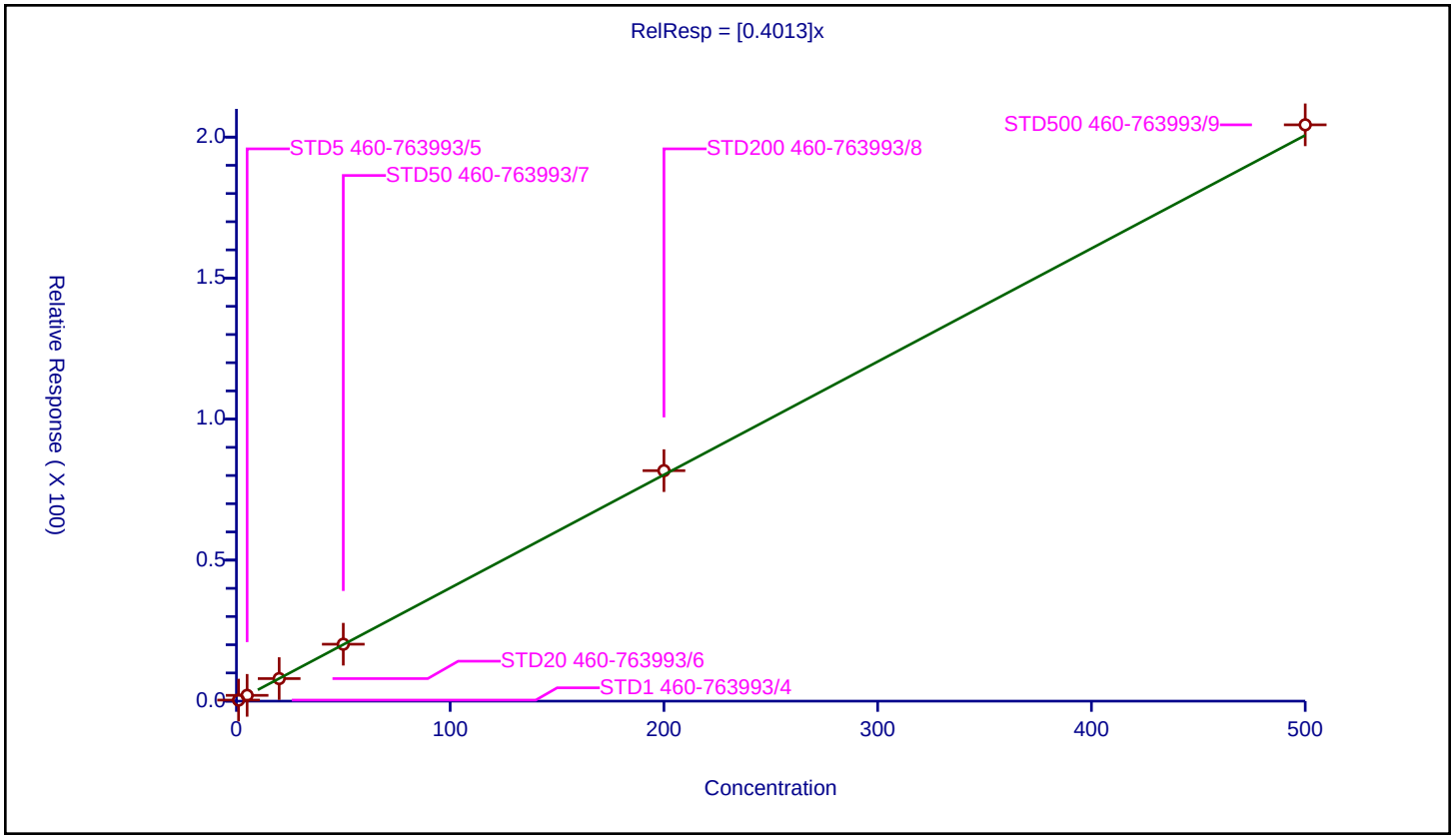
Curve Coefficients

Intercept:	0
Slope:	0.4013

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	3.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.375849	50.0	554611.0	0.375849	Y
2	STD5 460-763993/5	5.0	2.055259	50.0	607466.0	0.411052	Y
3	STD20 460-763993/6	20.0	7.993627	50.0	582145.0	0.399681	Y
4	STD50 460-763993/7	50.0	20.187894	50.0	642011.0	0.403758	Y
5	STD200 460-763993/8	200.0	81.736763	50.0	715377.0	0.408684	Y
6	STD500 460-763993/9	500.0	204.351498	50.0	795002.0	0.408703	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

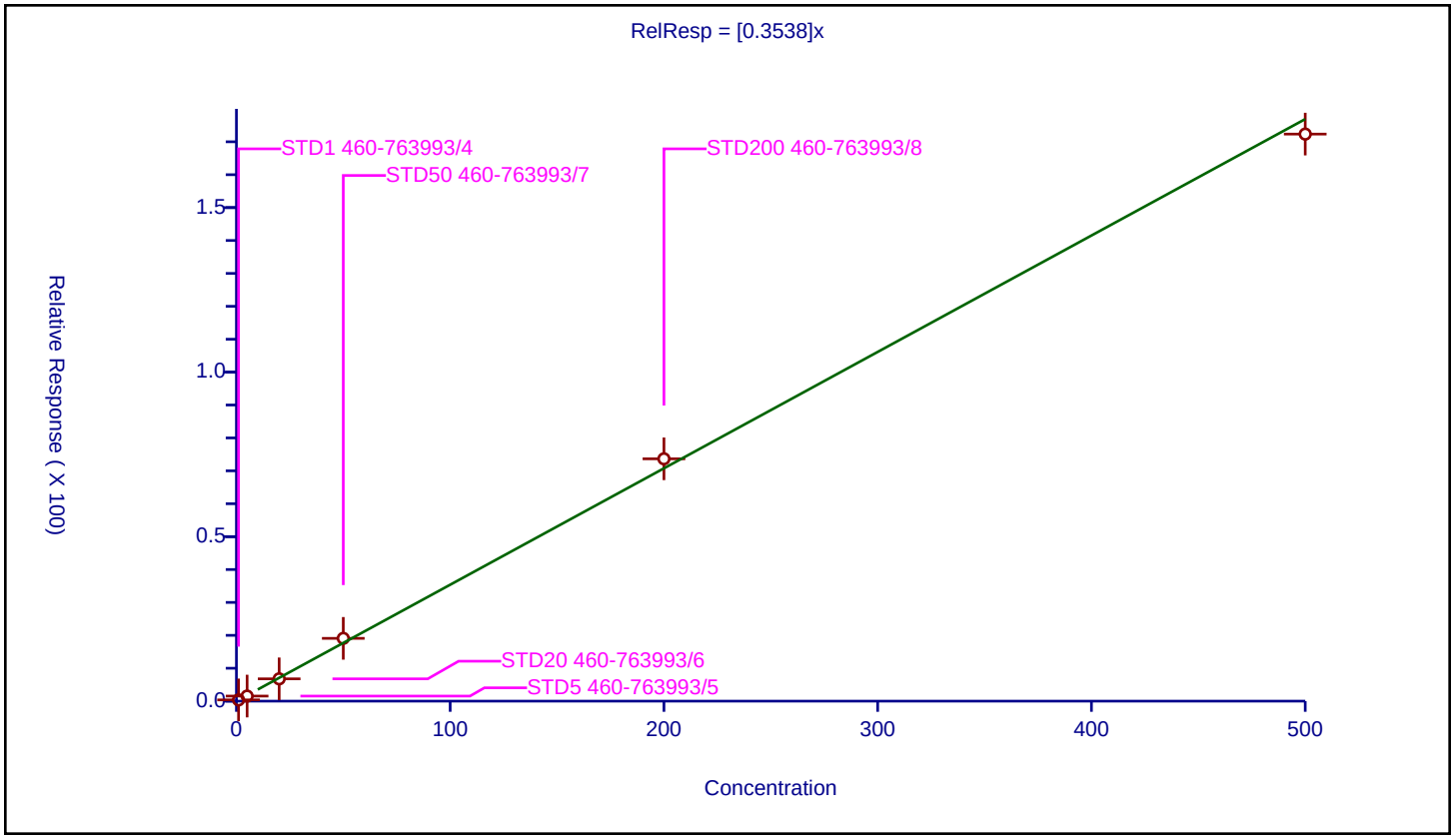
Curve Coefficients

Intercept:	0
Slope:	0.3538

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.380267	50.0	554611.0	0.380267	Y
2	STD5 460-763993/5	5.0	1.545189	50.0	607466.0	0.309038	Y
3	STD20 460-763993/6	20.0	6.776147	50.0	582145.0	0.338807	Y
4	STD50 460-763993/7	50.0	19.082928	50.0	642011.0	0.381659	Y
5	STD200 460-763993/8	200.0	73.648929	50.0	715377.0	0.368245	Y
6	STD500 460-763993/9	500.0	172.34334	50.0	795002.0	0.344687	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

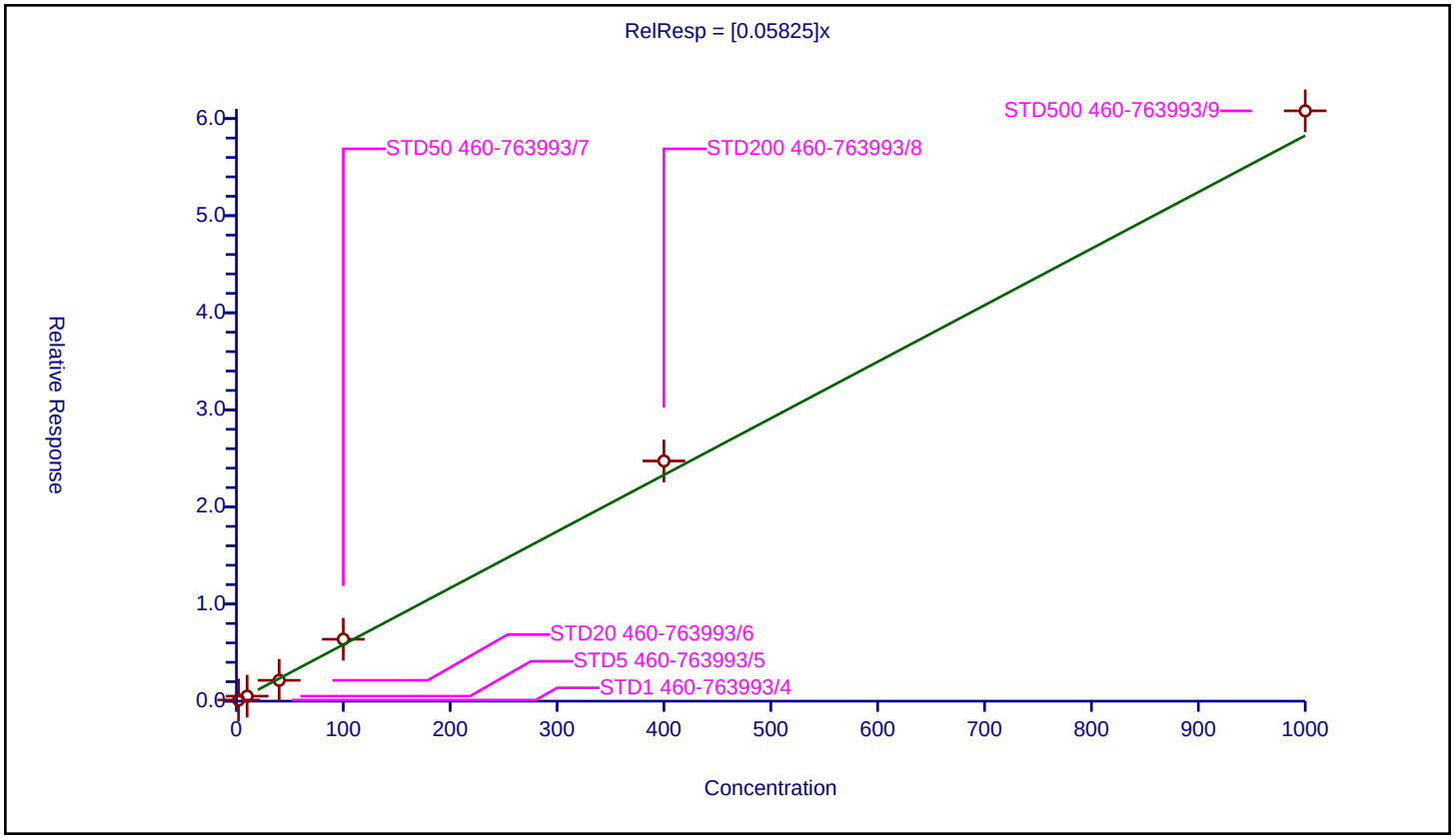
Curve Coefficients

Intercept:	0
Slope:	0.05825

Error Coefficients

Standard Error:	462000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.115306	50.0	554611.0	0.057653	Y
2	STD5 460-763993/5	10.0	0.517724	50.0	607466.0	0.051772	Y
3	STD20 460-763993/6	40.0	2.14706	50.0	582145.0	0.053676	Y
4	STD50 460-763993/7	100.0	6.378006	50.0	642011.0	0.06378	Y
5	STD200 460-763993/8	400.0	24.736747	50.0	715377.0	0.061842	Y
6	STD500 460-763993/9	1000.0	60.80079	50.0	795002.0	0.060801	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

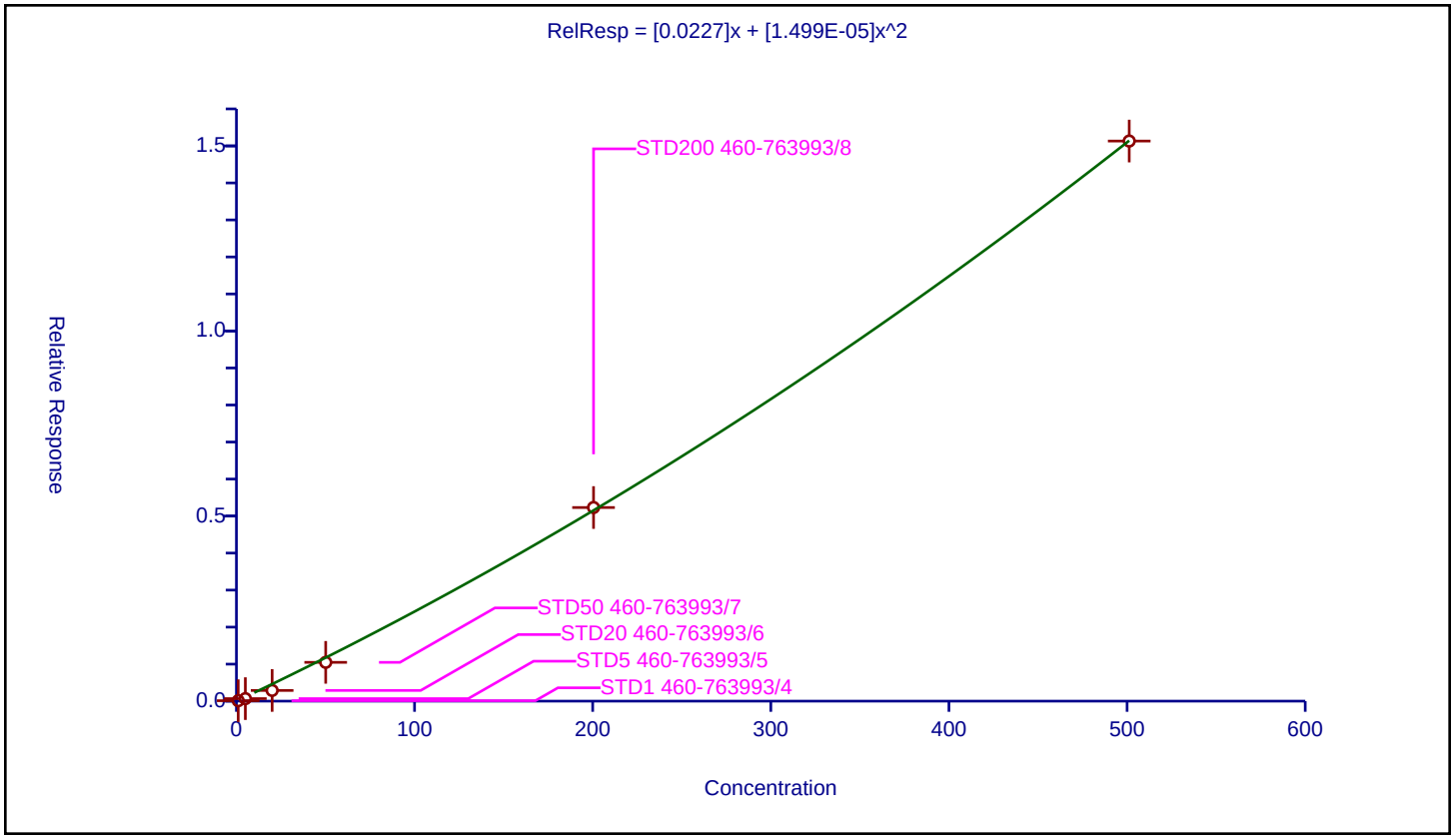
Curve Coefficients

Intercept:	0
Slope:	0.0227
Second Order:	1.499E-05

Error Coefficients

Standard Error:	126000
Relative Standard Error:	37.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0024	0.01172	50.0	554611.0	0.011692	Y
2	STD5 460-763993/5	5.012	0.067658	50.0	607466.0	0.013499	Y
3	STD20 460-763993/6	20.048	0.289017	50.0	582145.0	0.014416	Y
4	STD50 460-763993/7	50.12	1.047801	50.0	642011.0	0.020906	Y
5	STD200 460-763993/8	200.48	5.231018	50.0	715377.0	0.026092	Y
6	STD500 460-763993/9	501.2	15.131786	50.0	795002.0	0.030191	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

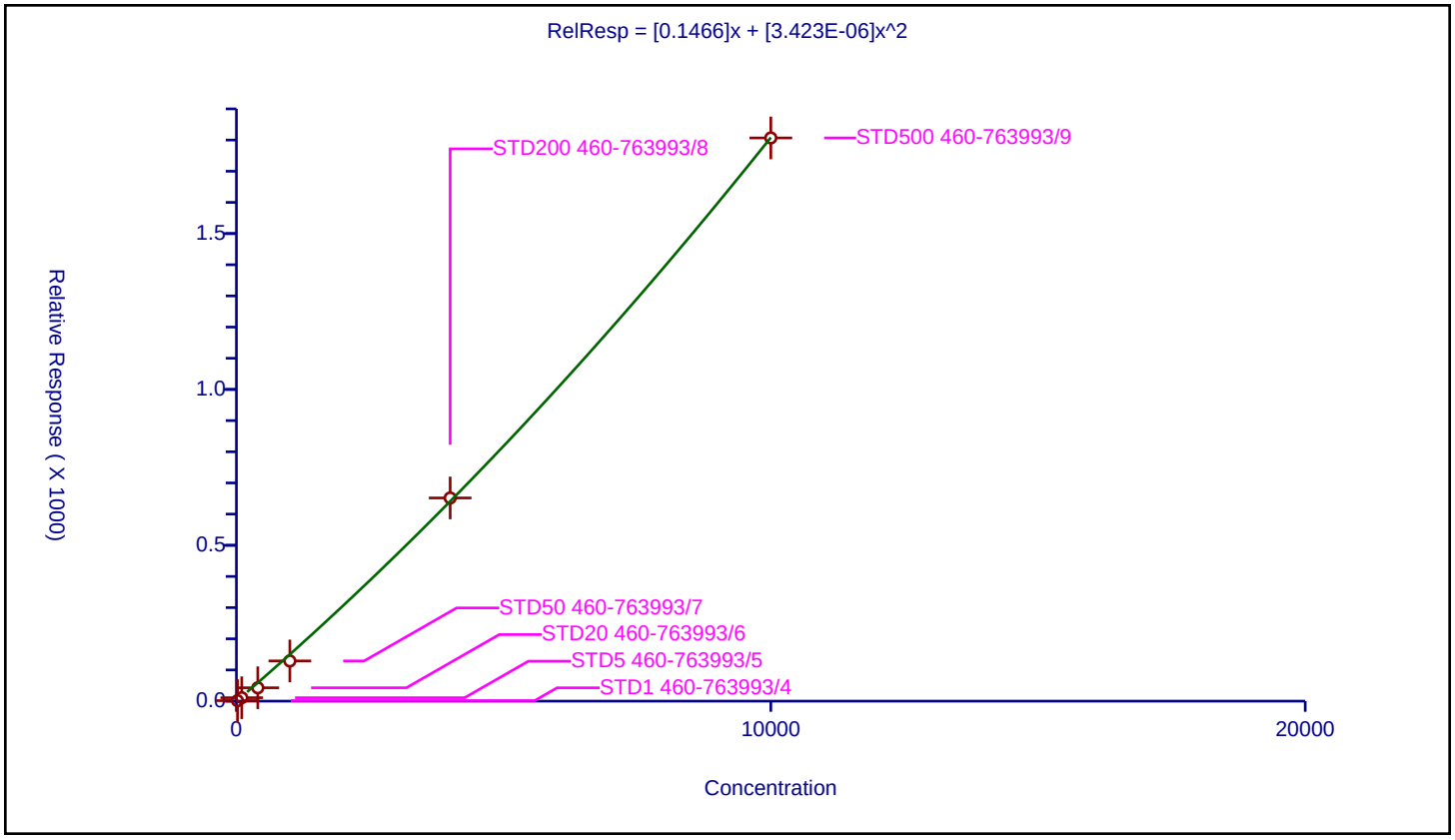
Curve Coefficients

Intercept:	0
Slope:	0.1466
Second Order:	3.423E-06

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	30.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	20.000035	1.547958	250.0	261312.0	0.077398	Y
2	STD5 460-763993/5	100.000173	10.958144	250.0	290332.0	0.109581	Y
3	STD20 460-763993/6	400.000692	42.817176	250.0	255032.0	0.107043	Y
4	STD50 460-763993/7	1000.00173	129.012488	250.0	324705.0	0.129012	Y
5	STD200 460-763993/8	4000.00692	651.821926	250.0	333850.0	0.162955	Y
6	STD500 460-763993/9	10000.0173	1806.794536	250.0	343607.0	0.180679	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

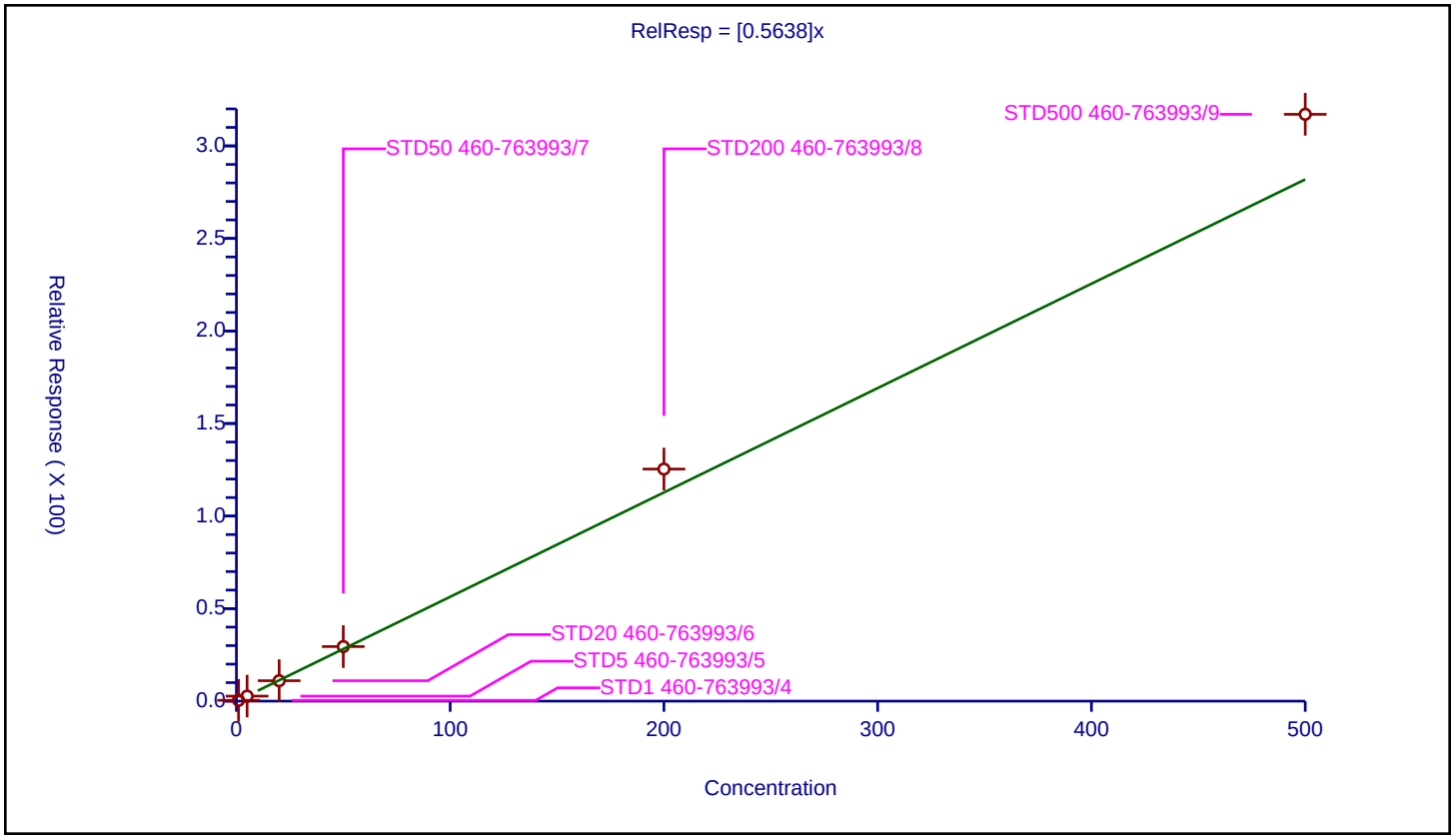
Curve Coefficients

Intercept:	0
Slope:	0.5638

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	12.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.439511	50.0	451183.0	0.439511	Y
2	STD5 460-763993/5	5.0	2.706573	50.0	465792.0	0.541315	Y
3	STD20 460-763993/6	20.0	11.024295	50.0	466438.0	0.551215	Y
4	STD50 460-763993/7	50.0	29.479645	50.0	518780.0	0.589593	Y
5	STD200 460-763993/8	200.0	125.395443	50.0	553873.0	0.626977	Y
6	STD500 460-763993/9	500.0	317.076753	50.0	616903.0	0.634154	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

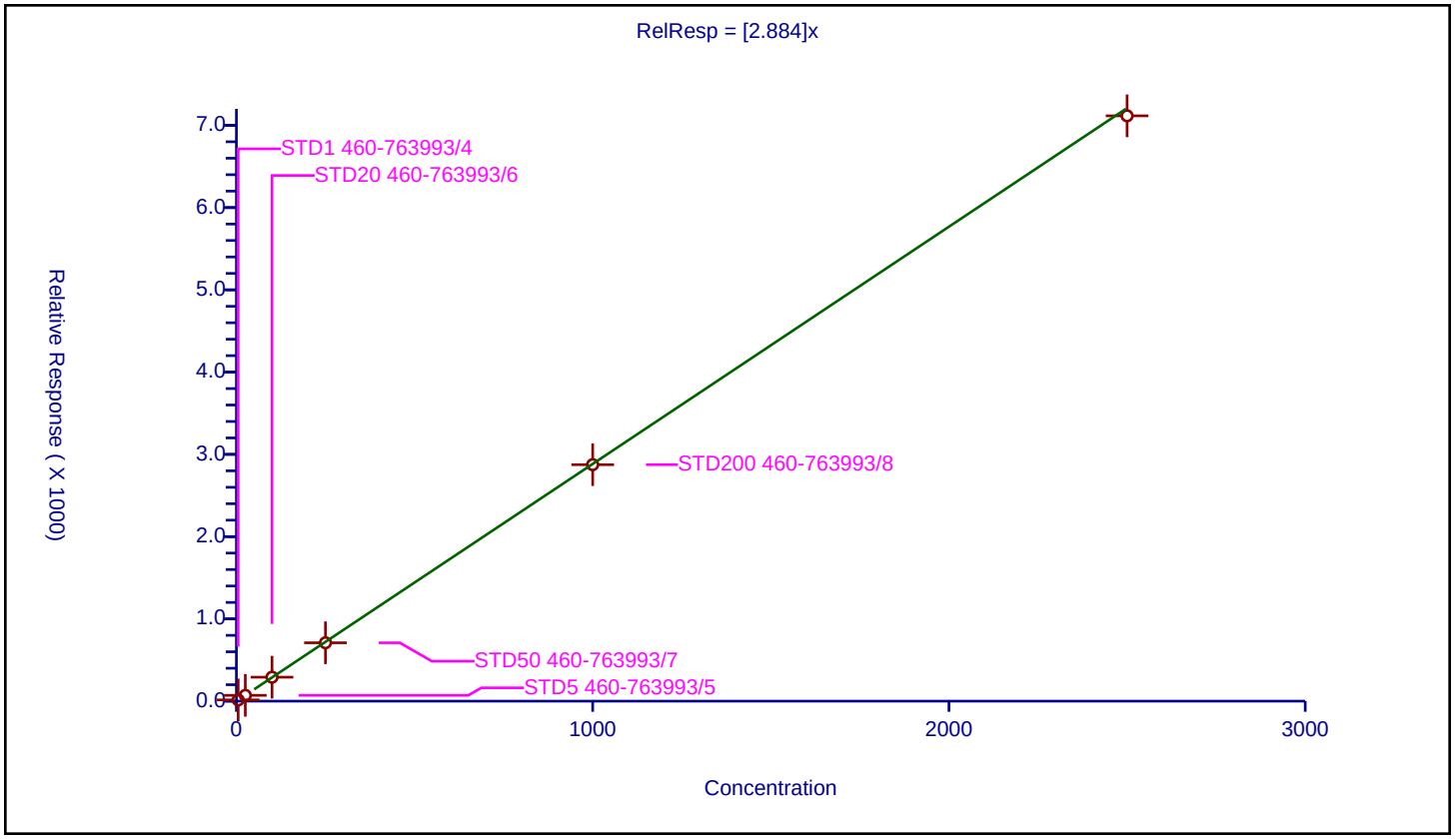
Curve Coefficients

Intercept:	0
Slope:	2.884

Error Coefficients

Standard Error:	4720000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	5.0	15.072978	250.0	261312.0	3.014596	Y
2	STD5 460-763993/5	25.0	70.435743	250.0	290332.0	2.81743	Y
3	STD20 460-763993/6	100.0	291.113468	250.0	255032.0	2.911135	Y
4	STD50 460-763993/7	250.0	709.601022	250.0	324705.0	2.838404	Y
5	STD200 460-763993/8	1000.0	2874.704957	250.0	333850.0	2.874705	Y
6	STD500 460-763993/9	2500.0	7115.344711	250.0	343607.0	2.846138	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

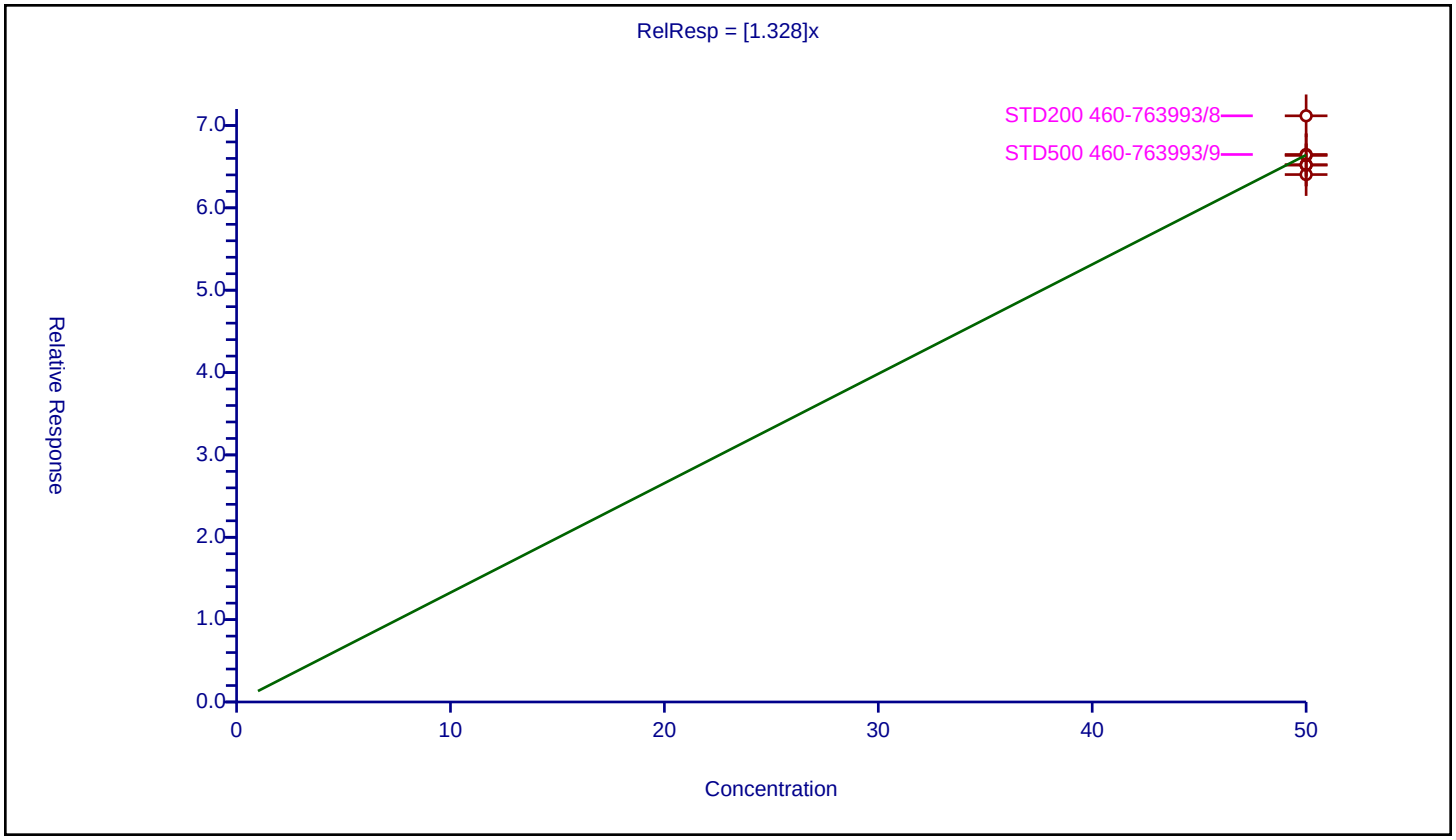
Curve Coefficients

Intercept:	0
Slope:	1.328

Error Coefficients

Standard Error:	754000
Relative Standard Error:	3.8
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	50.0	65.190289	50.0	451183.0	1.303806	Y
2	STD5 460-763993/5	50.0	64.040924	50.0	465792.0	1.280818	Y
3	STD20 460-763993/6	50.0	65.231499	50.0	466438.0	1.30463	Y
4	STD50 460-763993/7	50.0	66.365993	50.0	518780.0	1.32732	Y
5	STD200 460-763993/8	50.0	71.174349	50.0	553873.0	1.423487	Y
6	STD500 460-763993/9	50.0	66.477793	50.0	616903.0	1.329556	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

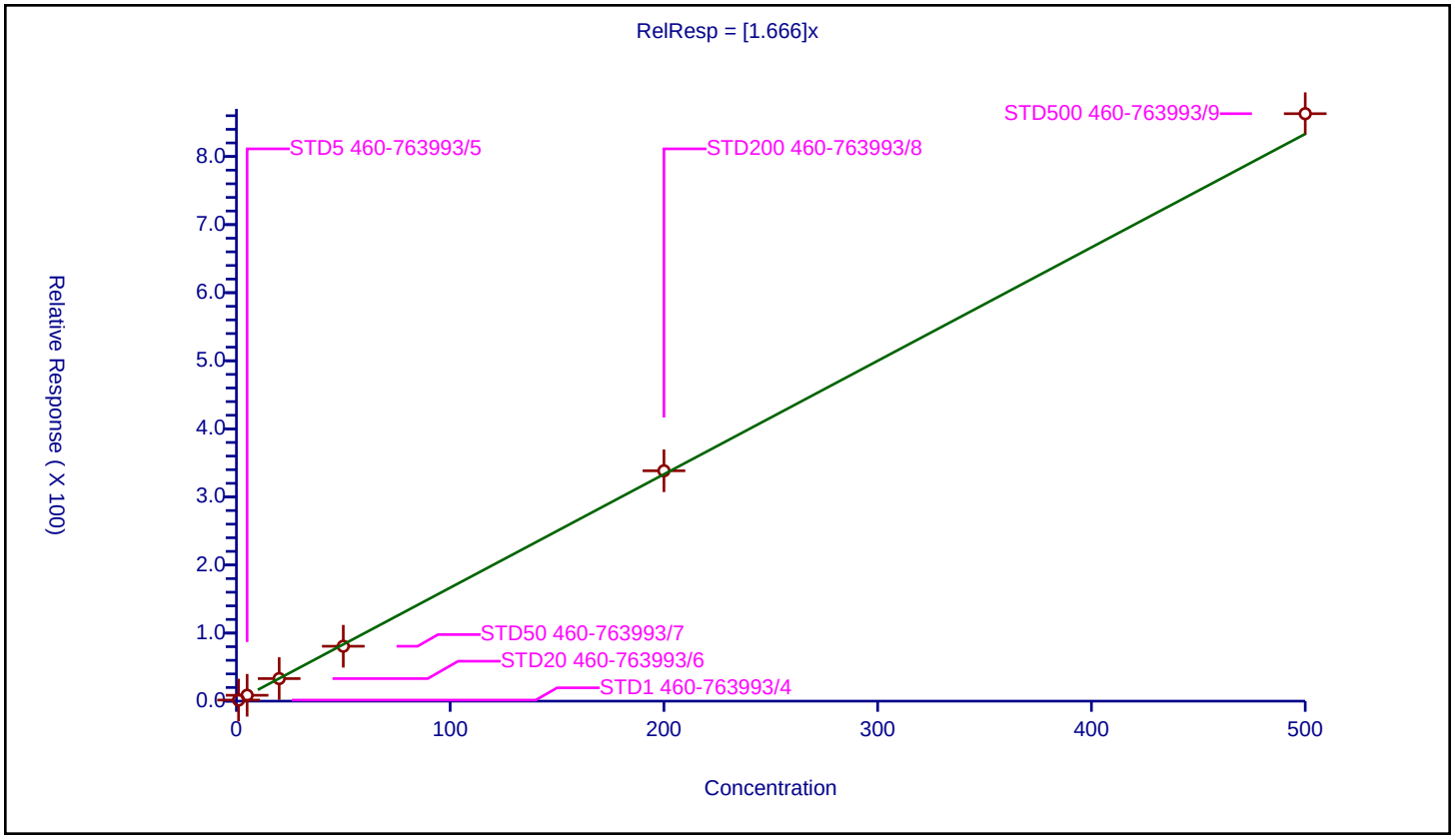
Curve Coefficients

Intercept:	0
Slope:	1.666

Error Coefficients

Standard Error:	5060000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.584501	50.0	451183.0	1.584501	Y
2	STD5 460-763993/5	5.0	8.629603	50.0	465792.0	1.725921	Y
3	STD20 460-763993/6	20.0	33.127018	50.0	466438.0	1.656351	Y
4	STD50 460-763993/7	50.0	80.670708	50.0	518780.0	1.613414	Y
5	STD200 460-763993/8	200.0	338.415214	50.0	553873.0	1.692076	Y
6	STD500 460-763993/9	500.0	862.948956	50.0	616903.0	1.725898	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

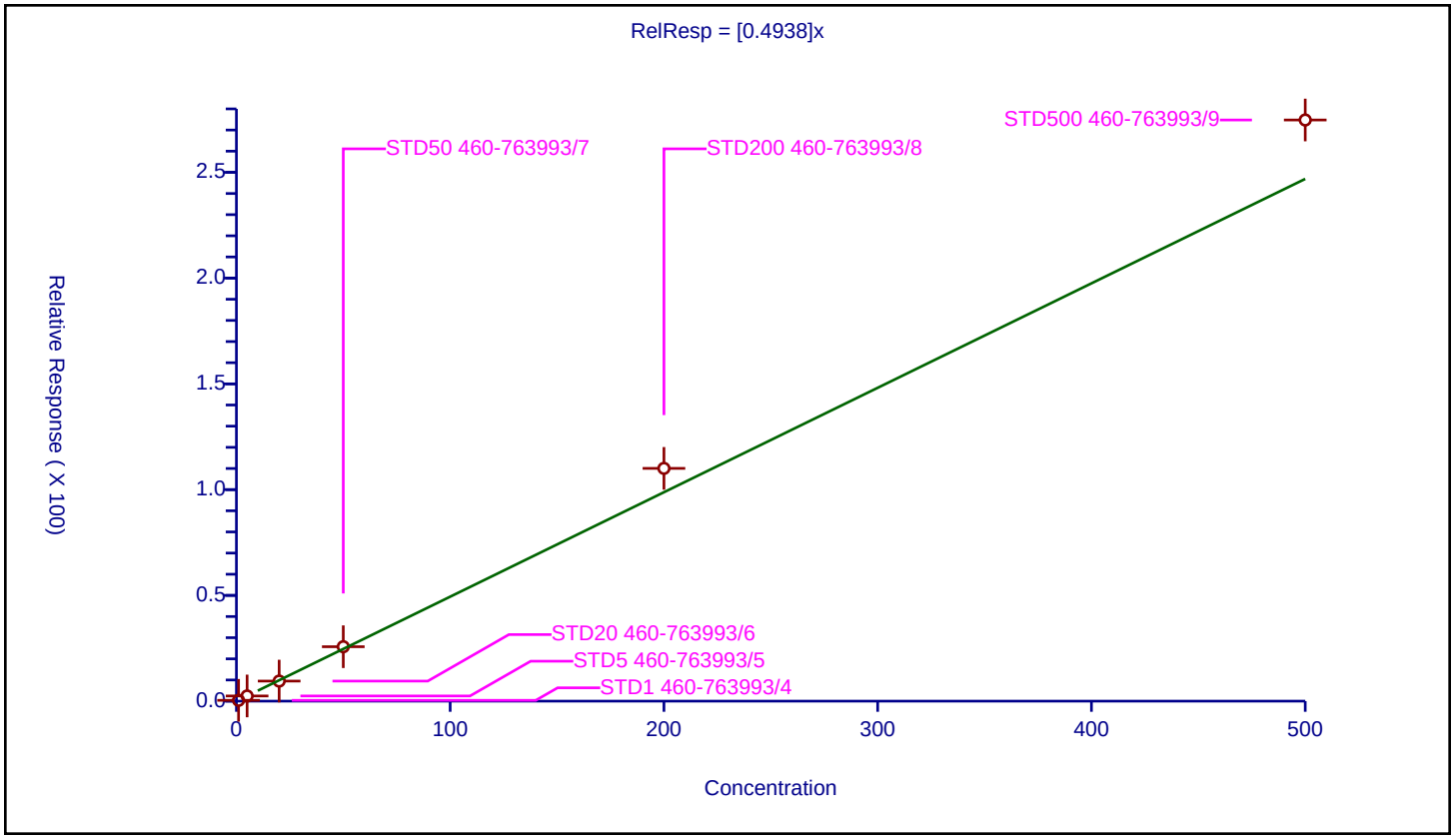
Curve Coefficients

Intercept:	0
Slope:	0.4938

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	12.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.383326	50.0	451183.0	0.383326	Y
2	STD5 460-763993/5	5.0	2.452919	50.0	465792.0	0.490584	Y
3	STD20 460-763993/6	20.0	9.4899	50.0	466438.0	0.474495	Y
4	STD50 460-763993/7	50.0	25.732295	50.0	518780.0	0.514646	Y
5	STD200 460-763993/8	200.0	110.049506	50.0	553873.0	0.550248	Y
6	STD500 460-763993/9	500.0	274.754378	50.0	616903.0	0.549509	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

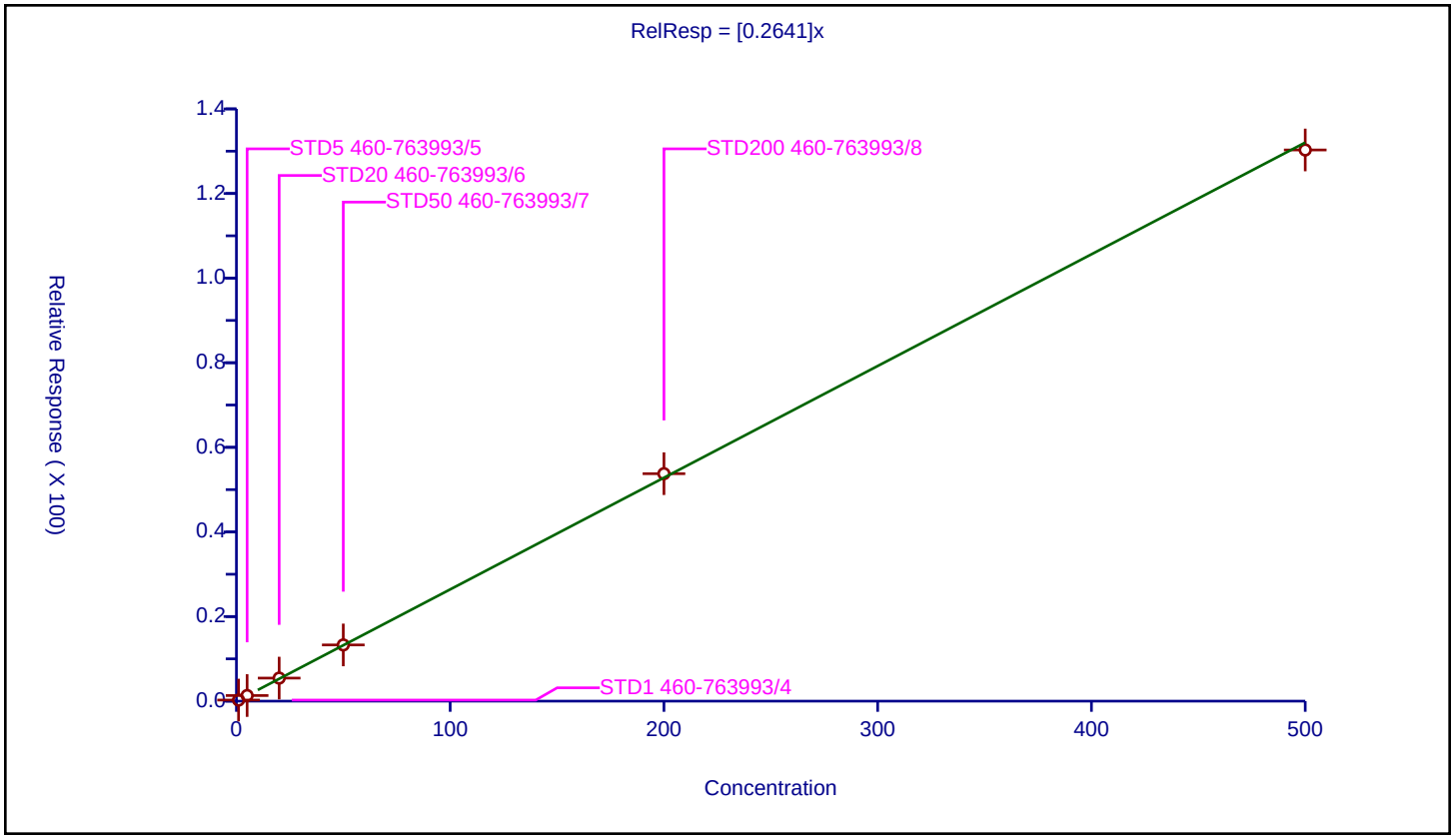
Curve Coefficients

Intercept:	0
Slope:	0.2641

Error Coefficients

Standard Error:	769000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.252004	50.0	451183.0	0.252004	Y
2	STD5 460-763993/5	5.0	1.324733	50.0	465792.0	0.264947	Y
3	STD20 460-763993/6	20.0	5.447991	50.0	466438.0	0.2724	Y
4	STD50 460-763993/7	50.0	13.286171	50.0	518780.0	0.265723	Y
5	STD200 460-763993/8	200.0	53.76756	50.0	553873.0	0.268838	Y
6	STD500 460-763993/9	500.0	130.288716	50.0	616903.0	0.260577	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

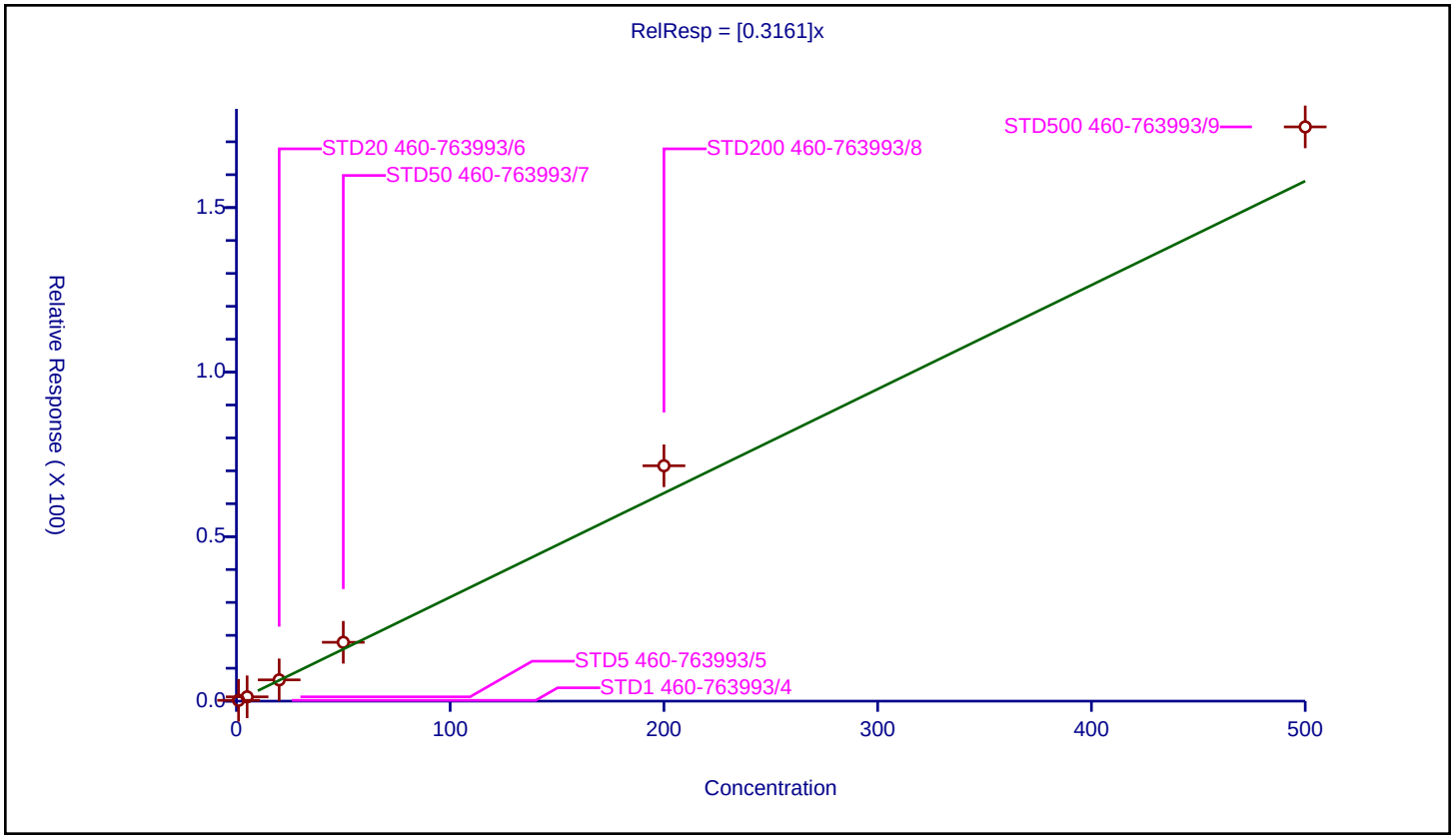
Curve Coefficients

Intercept:	0
Slope:	0.3161

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	15.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.24711	50.0	554611.0	0.24711	Y
2	STD5 460-763993/5	5.0	1.310608	50.0	607466.0	0.262122	Y
3	STD20 460-763993/6	20.0	6.461277	50.0	582145.0	0.323064	Y
4	STD50 460-763993/7	50.0	17.884818	50.0	642011.0	0.357696	Y
5	STD200 460-763993/8	200.0	71.534799	50.0	715377.0	0.357674	Y
6	STD500 460-763993/9	500.0	174.527045	50.0	795002.0	0.349054	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

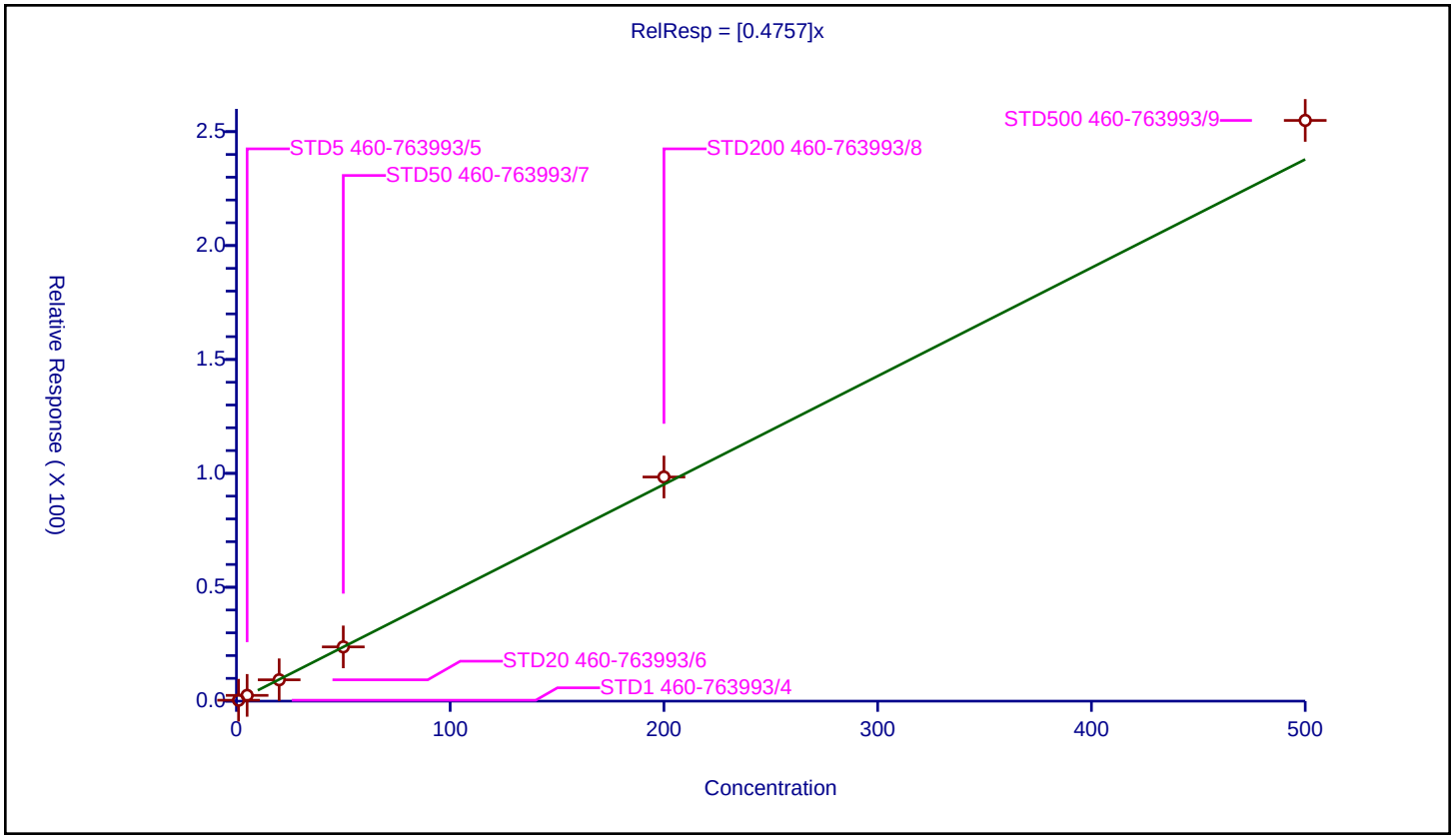
Curve Coefficients

Intercept:	0
Slope:	0.4757

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.4015	50.0	451183.0	0.4015	Y
2	STD5 460-763993/5	5.0	2.531173	50.0	465792.0	0.506235	Y
3	STD20 460-763993/6	20.0	9.365982	50.0	466438.0	0.468299	Y
4	STD50 460-763993/7	50.0	23.81096	50.0	518780.0	0.476219	Y
5	STD200 460-763993/8	200.0	98.400175	50.0	553873.0	0.492001	Y
6	STD500 460-763993/9	500.0	254.933028	50.0	616903.0	0.509866	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

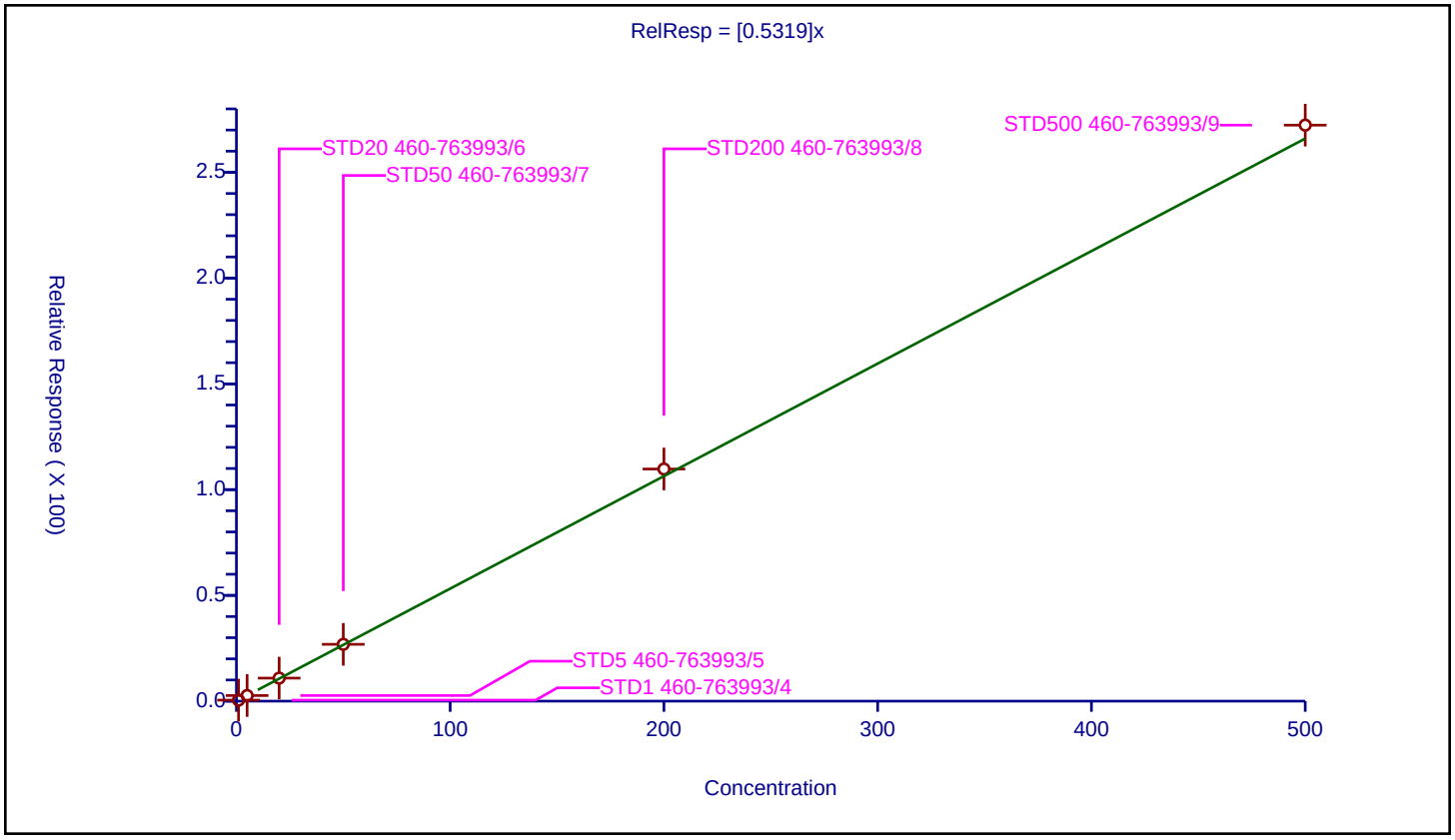
Curve Coefficients

Intercept:	0
Slope:	0.5319

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.485945	50.0	451183.0	0.485945	Y
2	STD5 460-763993/5	5.0	2.651827	50.0	465792.0	0.530365	Y
3	STD20 460-763993/6	20.0	10.891694	50.0	466438.0	0.544585	Y
4	STD50 460-763993/7	50.0	26.865916	50.0	518780.0	0.537318	Y
5	STD200 460-763993/8	200.0	109.742125	50.0	553873.0	0.548711	Y
6	STD500 460-763993/9	500.0	272.323445	50.0	616903.0	0.544647	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

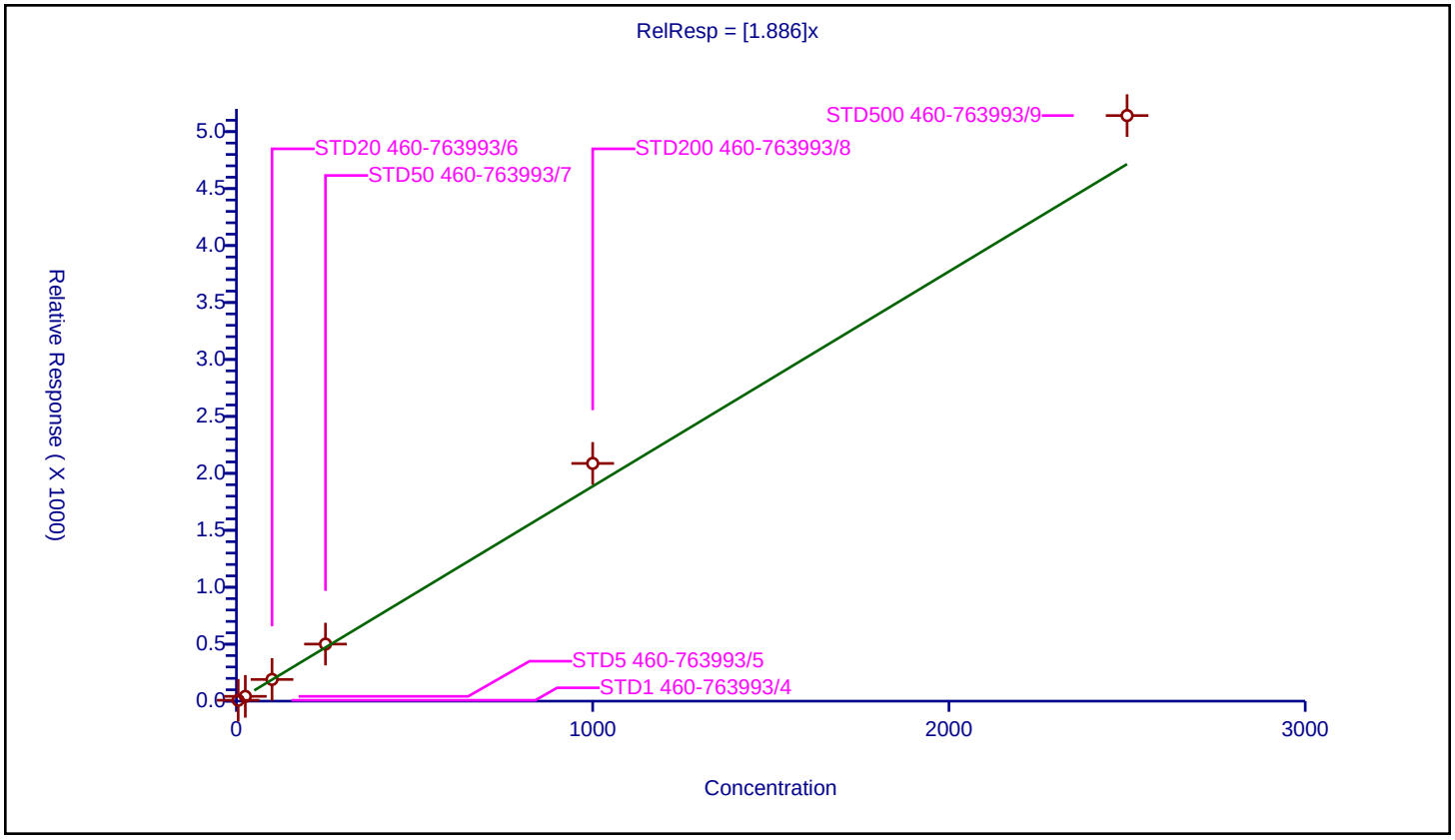
Curve Coefficients

Intercept:	0
Slope:	1.886

Error Coefficients

Standard Error:	3410000
Relative Standard Error:	11.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	5.0	7.867989	250.0	261312.0	1.573598	Y
2	STD5 460-763993/5	25.0	42.254212	250.0	290332.0	1.690168	Y
3	STD20 460-763993/6	100.0	190.494722	250.0	255032.0	1.904947	Y
4	STD50 460-763993/7	250.0	500.970111	250.0	324705.0	2.00388	Y
5	STD200 460-763993/8	1000.0	2087.202336	250.0	333850.0	2.087202	Y
6	STD500 460-763993/9	2500.0	5141.351166	250.0	343607.0	2.05654	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

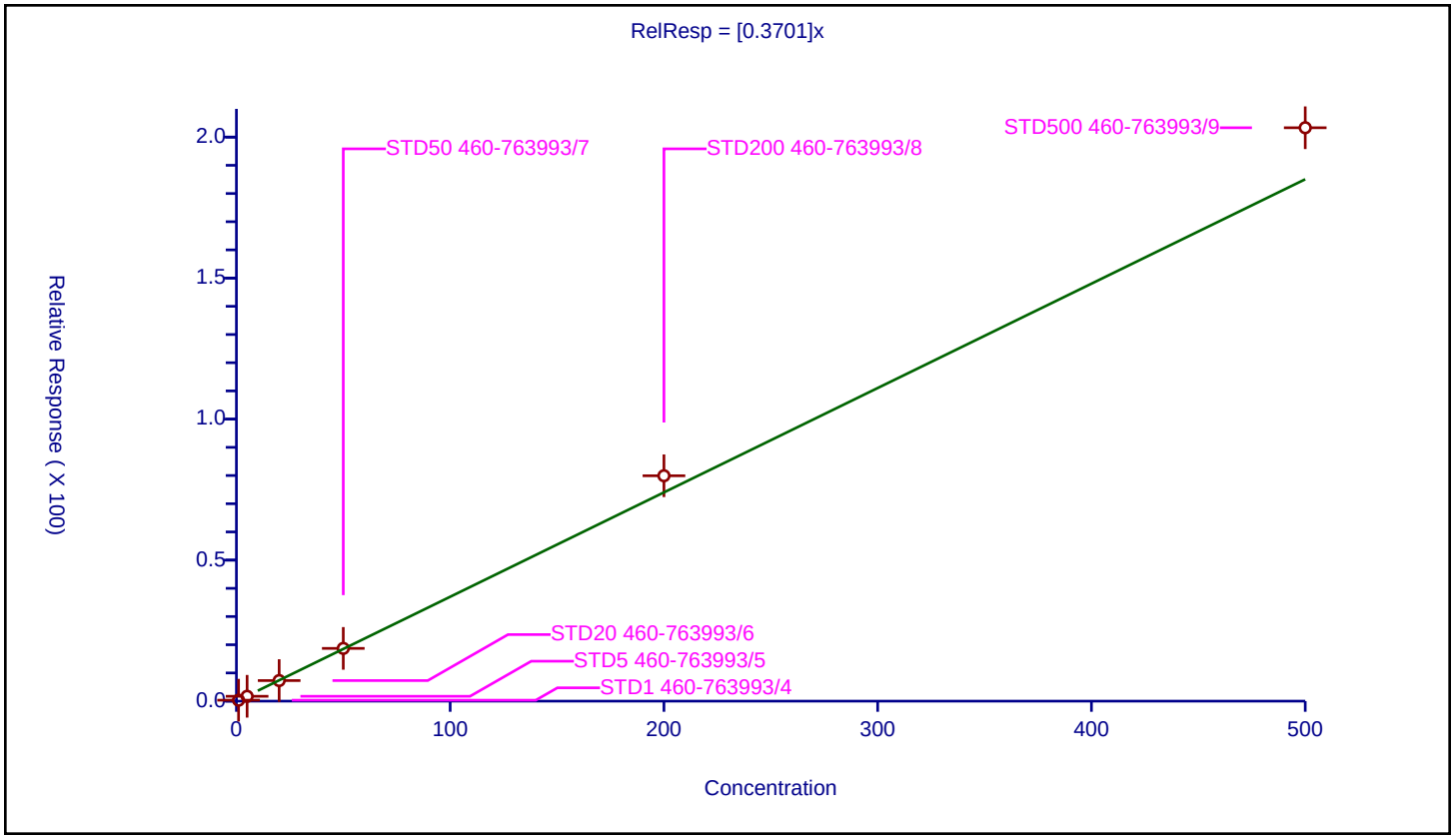
Curve Coefficients

Intercept:	0
Slope:	0.3701

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	8.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.33124	50.0	451183.0	0.33124	Y
2	STD5 460-763993/5	5.0	1.720188	50.0	465792.0	0.344038	Y
3	STD20 460-763993/6	20.0	7.299577	50.0	466438.0	0.364979	Y
4	STD50 460-763993/7	50.0	18.699352	50.0	518780.0	0.373987	Y
5	STD200 460-763993/8	200.0	79.91823	50.0	553873.0	0.399591	Y
6	STD500 460-763993/9	500.0	203.312676	50.0	616903.0	0.406625	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

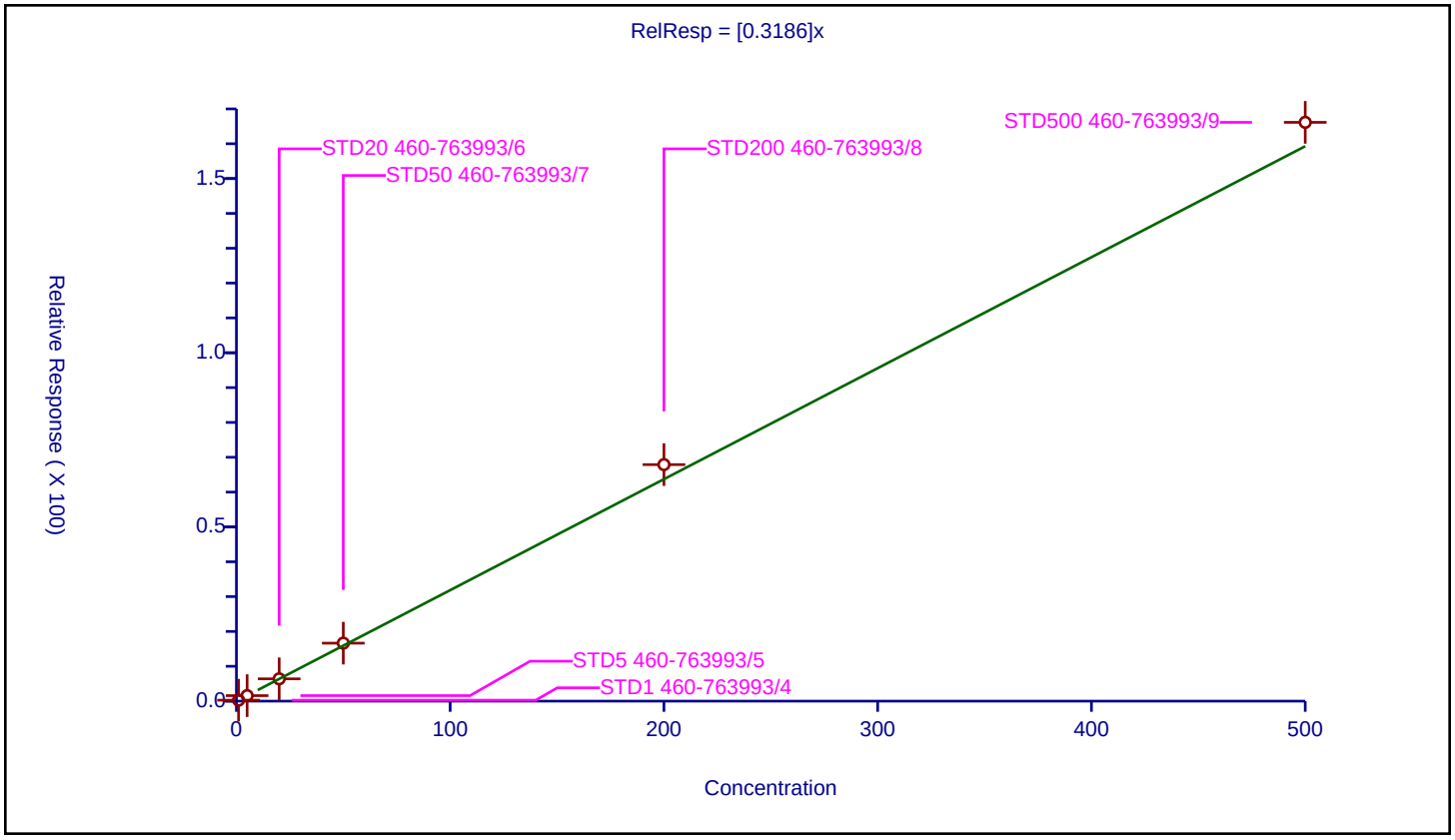
Curve Coefficients

Intercept:	0
Slope:	0.3186

Error Coefficients

Standard Error:	980000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.271619	50.0	451183.0	0.271619	Y
2	STD5 460-763993/5	5.0	1.575274	50.0	465792.0	0.315055	Y
3	STD20 460-763993/6	20.0	6.402459	50.0	466438.0	0.320123	Y
4	STD50 460-763993/7	50.0	16.640291	50.0	518780.0	0.332806	Y
5	STD200 460-763993/8	200.0	67.894174	50.0	553873.0	0.339471	Y
6	STD500 460-763993/9	500.0	166.140625	50.0	616903.0	0.332281	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

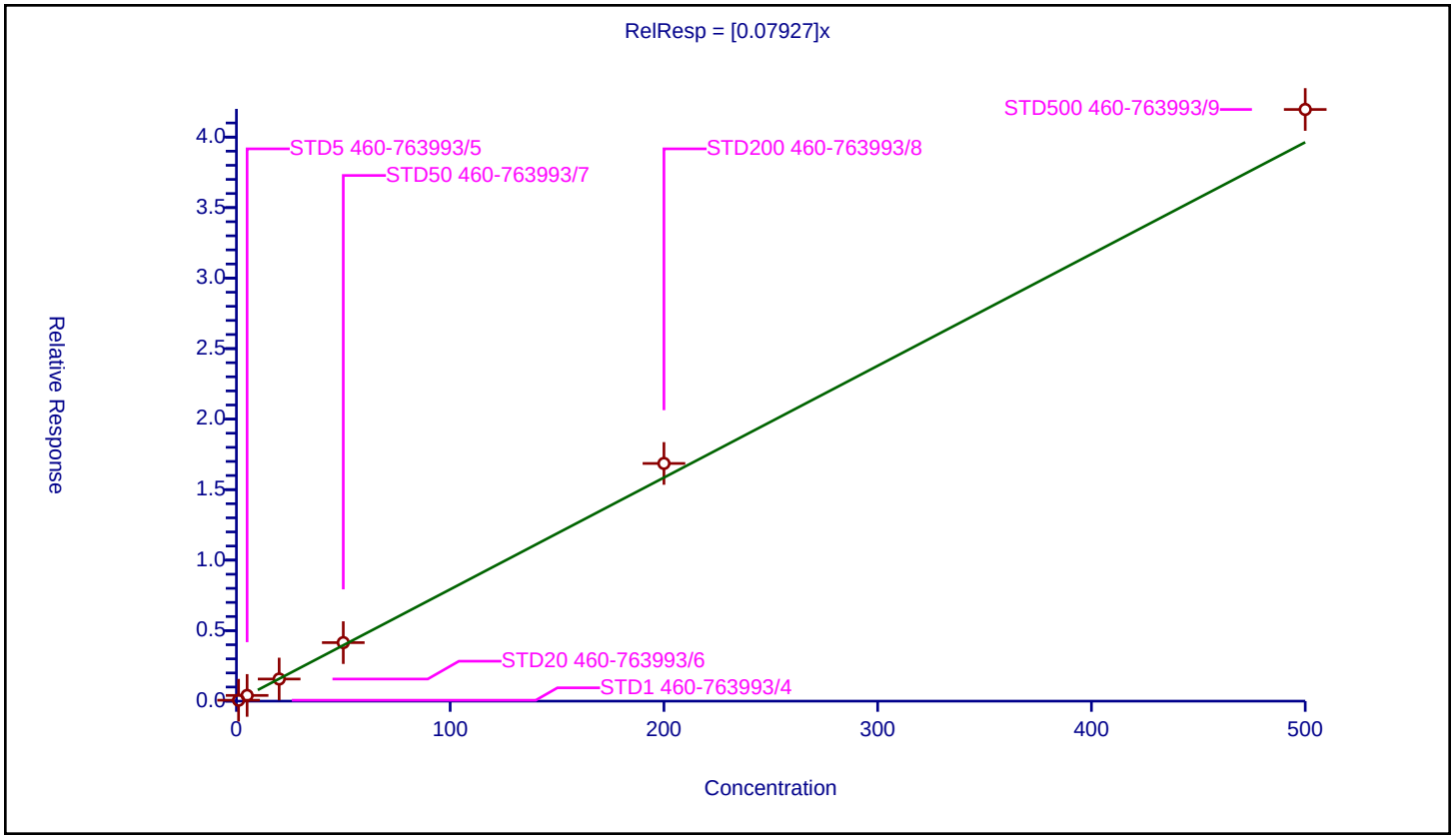
Curve Coefficients

Intercept:	0
Slope:	0.07927

Error Coefficients

Standard Error:	247000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.06494	50.0	451183.0	0.06494	Y
2	STD5 460-763993/5	5.0	0.404902	50.0	465792.0	0.08098	Y
3	STD20 460-763993/6	20.0	1.56934	50.0	466438.0	0.078467	Y
4	STD50 460-763993/7	50.0	4.1507	50.0	518780.0	0.083014	Y
5	STD200 460-763993/8	200.0	16.856572	50.0	553873.0	0.084283	Y
6	STD500 460-763993/9	500.0	41.959271	50.0	616903.0	0.083919	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

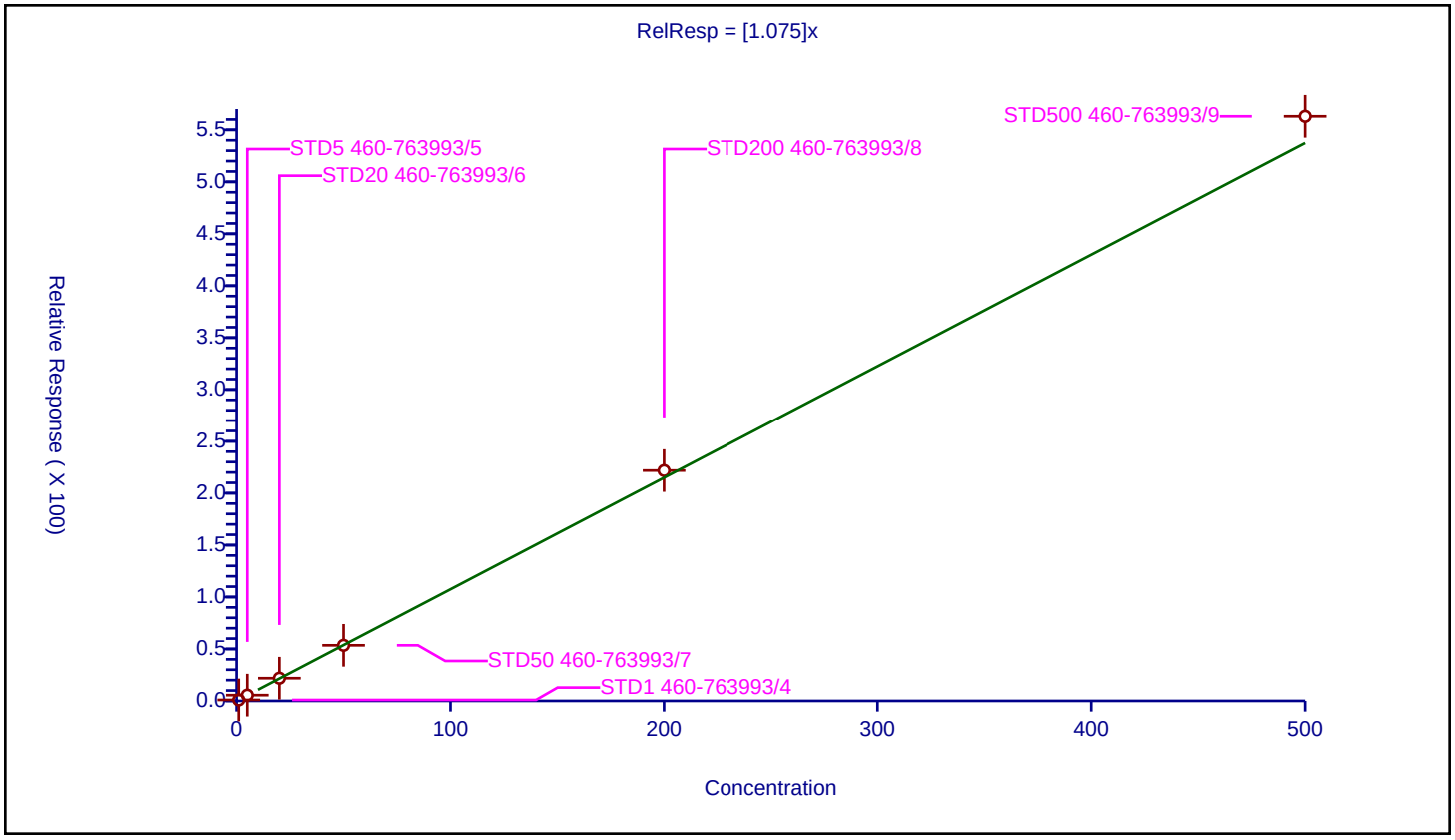
Curve Coefficients

Intercept:	0
Slope:	1.075

Error Coefficients

Standard Error:	3310000
Relative Standard Error:	6.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.940749	50.0	451183.0	0.940749	Y
2	STD5 460-763993/5	5.0	5.5528	50.0	465792.0	1.11056	Y
3	STD20 460-763993/6	20.0	21.842346	50.0	466438.0	1.092117	Y
4	STD50 460-763993/7	50.0	53.497725	50.0	518780.0	1.069955	Y
5	STD200 460-763993/8	200.0	221.836955	50.0	553873.0	1.109185	Y
6	STD500 460-763993/9	500.0	563.032276	50.0	616903.0	1.126065	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

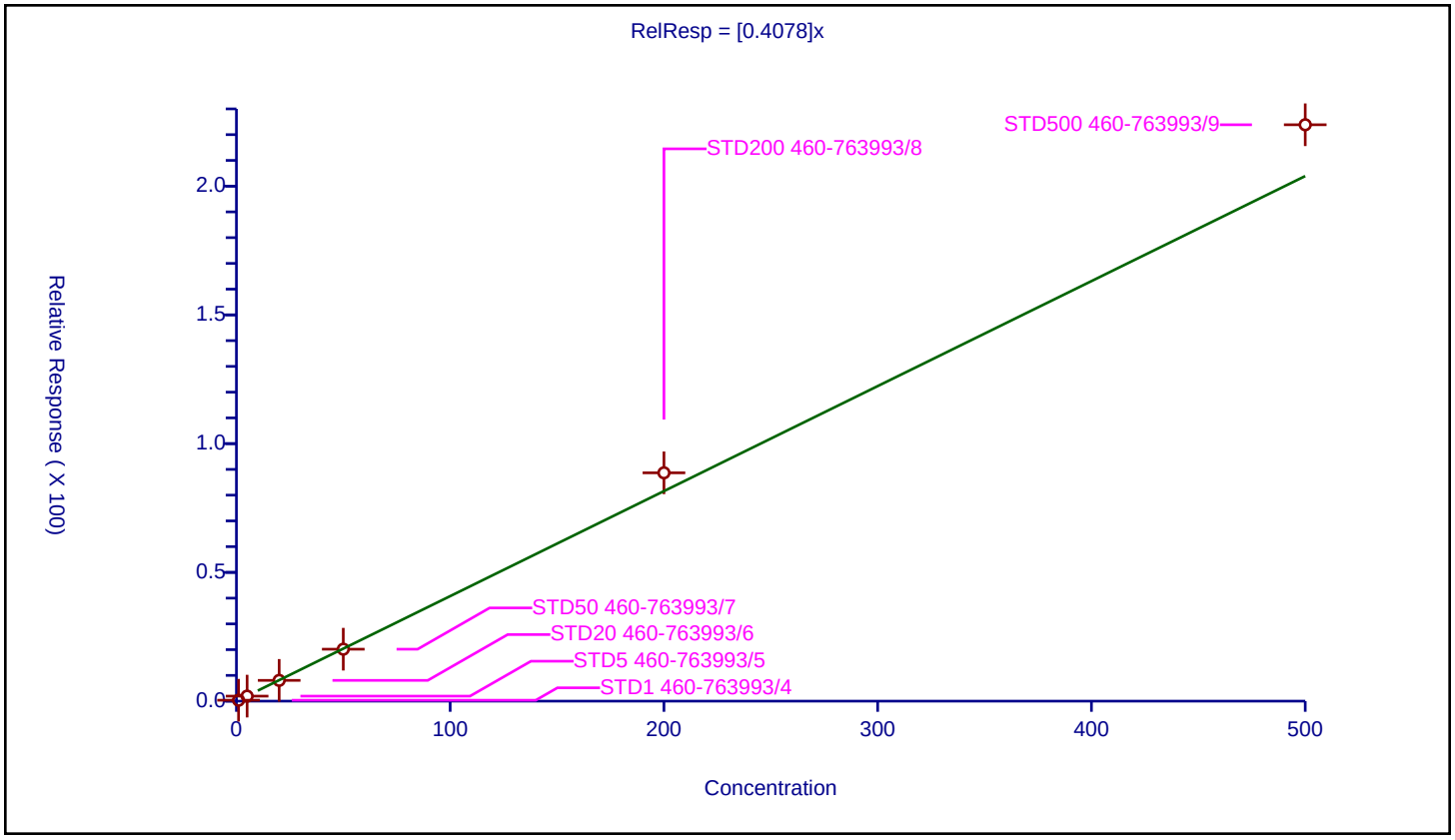
Curve Coefficients

Intercept:	0
Slope:	0.4078

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	8.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.360164	50.0	451183.0	0.360164	Y
2	STD5 460-763993/5	5.0	1.945289	50.0	465792.0	0.389058	Y
3	STD20 460-763993/6	20.0	8.061307	50.0	466438.0	0.403065	Y
4	STD50 460-763993/7	50.0	20.177725	50.0	518780.0	0.403554	Y
5	STD200 460-763993/8	200.0	88.668883	50.0	553873.0	0.443344	Y
6	STD500 460-763993/9	500.0	223.831299	50.0	616903.0	0.447663	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

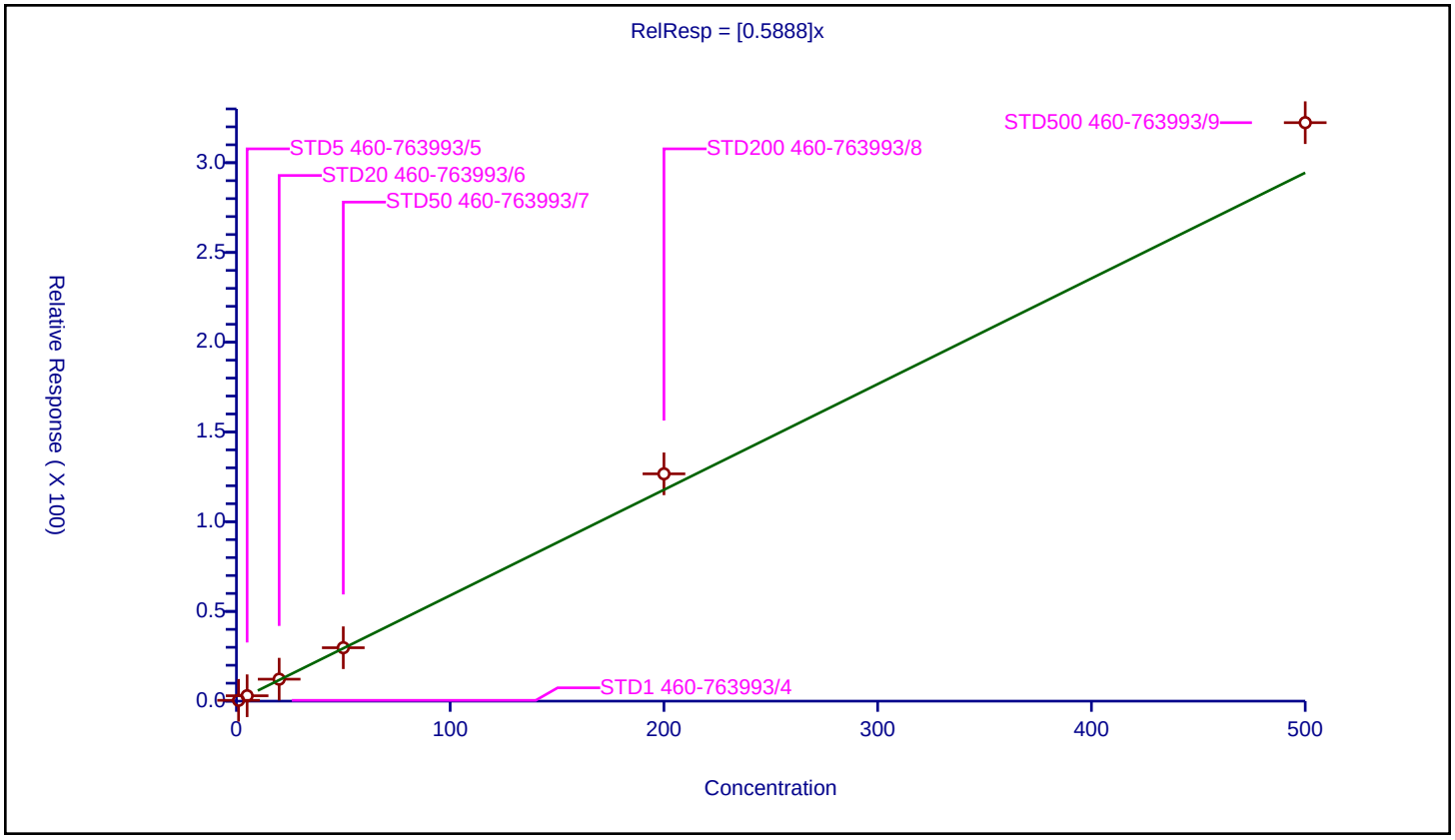
Curve Coefficients

Intercept:	0
Slope:	0.5888

Error Coefficients

Standard Error:	1890000
Relative Standard Error:	12.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.448044	50.0	451183.0	0.448044	Y
2	STD5 460-763993/5	5.0	2.999944	50.0	465792.0	0.599989	Y
3	STD20 460-763993/6	20.0	12.233887	50.0	466438.0	0.611694	Y
4	STD50 460-763993/7	50.0	29.768013	50.0	518780.0	0.59536	Y
5	STD200 460-763993/8	200.0	126.656111	50.0	553873.0	0.633281	Y
6	STD500 460-763993/9	500.0	322.327335	50.0	616903.0	0.644655	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

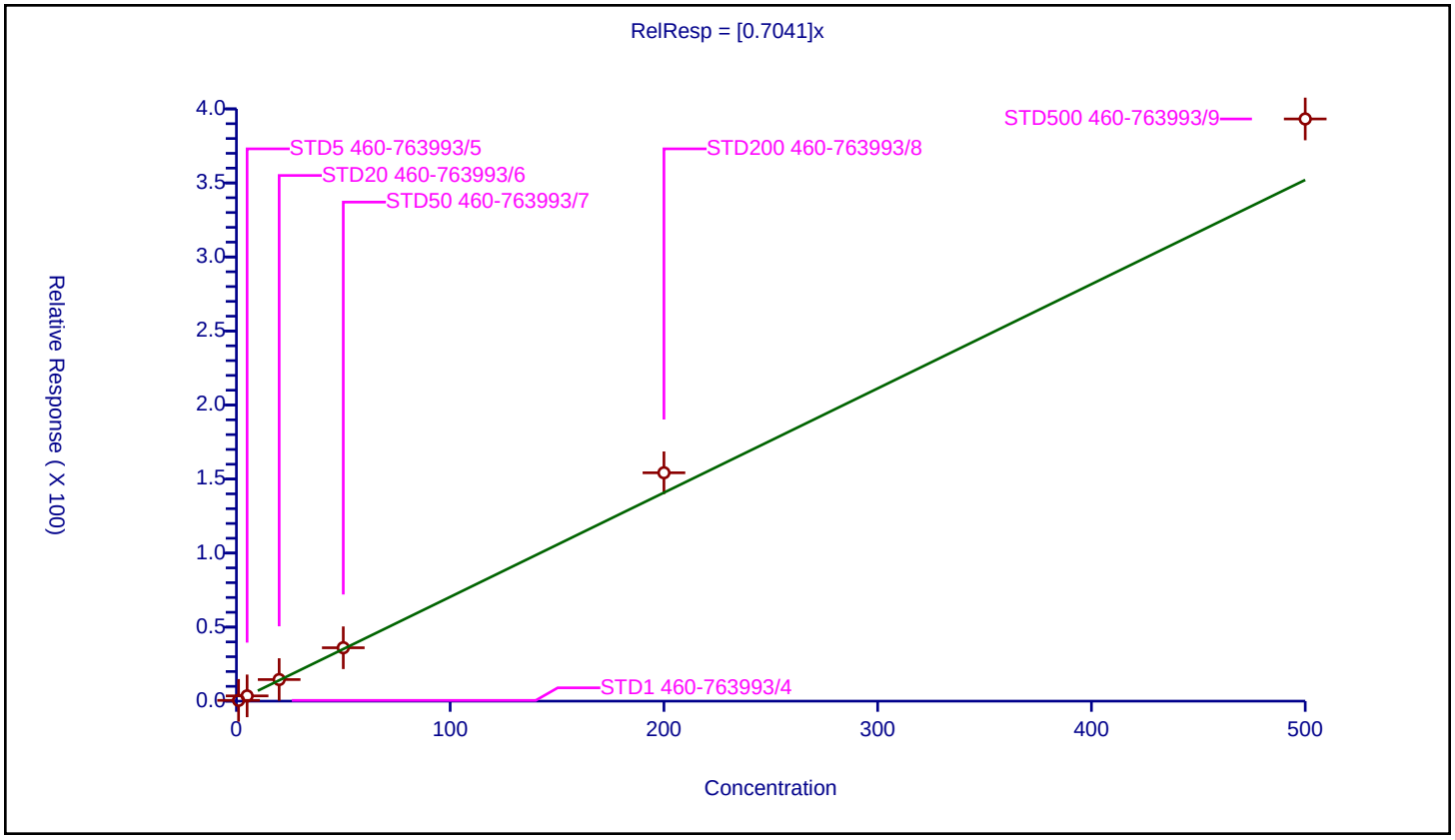
Curve Coefficients

Intercept:	0
Slope:	0.7041

Error Coefficients

Standard Error:	2310000
Relative Standard Error:	14.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.506003	50.0	451183.0	0.506003	Y
2	STD5 460-763993/5	5.0	3.550941	50.0	465792.0	0.710188	Y
3	STD20 460-763993/6	20.0	14.586719	50.0	466438.0	0.729336	Y
4	STD50 460-763993/7	50.0	36.059505	50.0	518780.0	0.72119	Y
5	STD200 460-763993/8	200.0	154.24962	50.0	553873.0	0.771248	Y
6	STD500 460-763993/9	500.0	393.195365	50.0	616903.0	0.786391	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

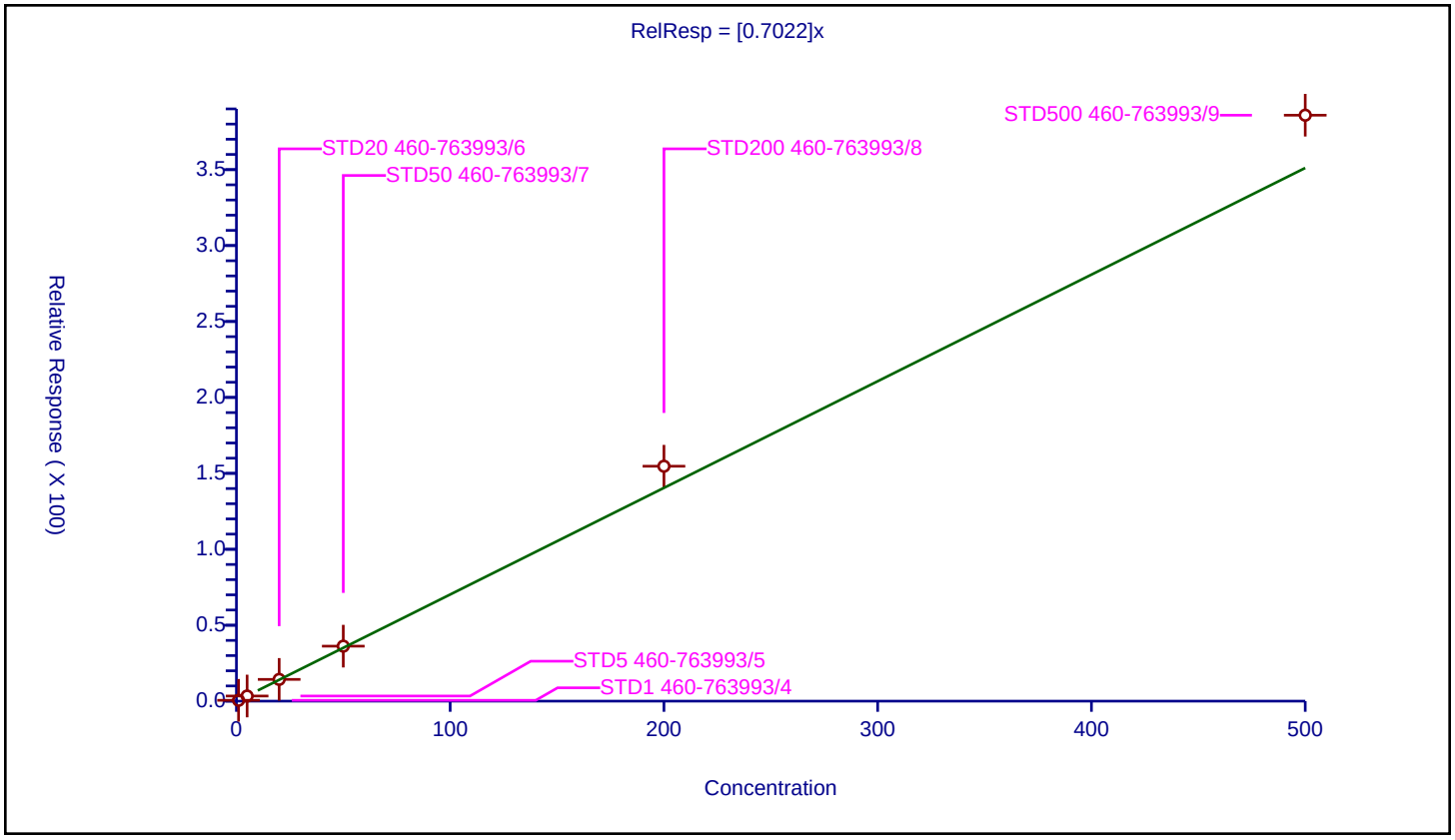
Curve Coefficients

Intercept:	0
Slope:	0.7022

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	11.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.55288	50.0	451183.0	0.55288	Y
2	STD5 460-763993/5	5.0	3.377151	50.0	465792.0	0.67543	Y
3	STD20 460-763993/6	20.0	14.311763	50.0	466438.0	0.715588	Y
4	STD50 460-763993/7	50.0	36.204171	50.0	518780.0	0.724083	Y
5	STD200 460-763993/8	200.0	154.695661	50.0	553873.0	0.773478	Y
6	STD500 460-763993/9	500.0	385.84121	50.0	616903.0	0.771682	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

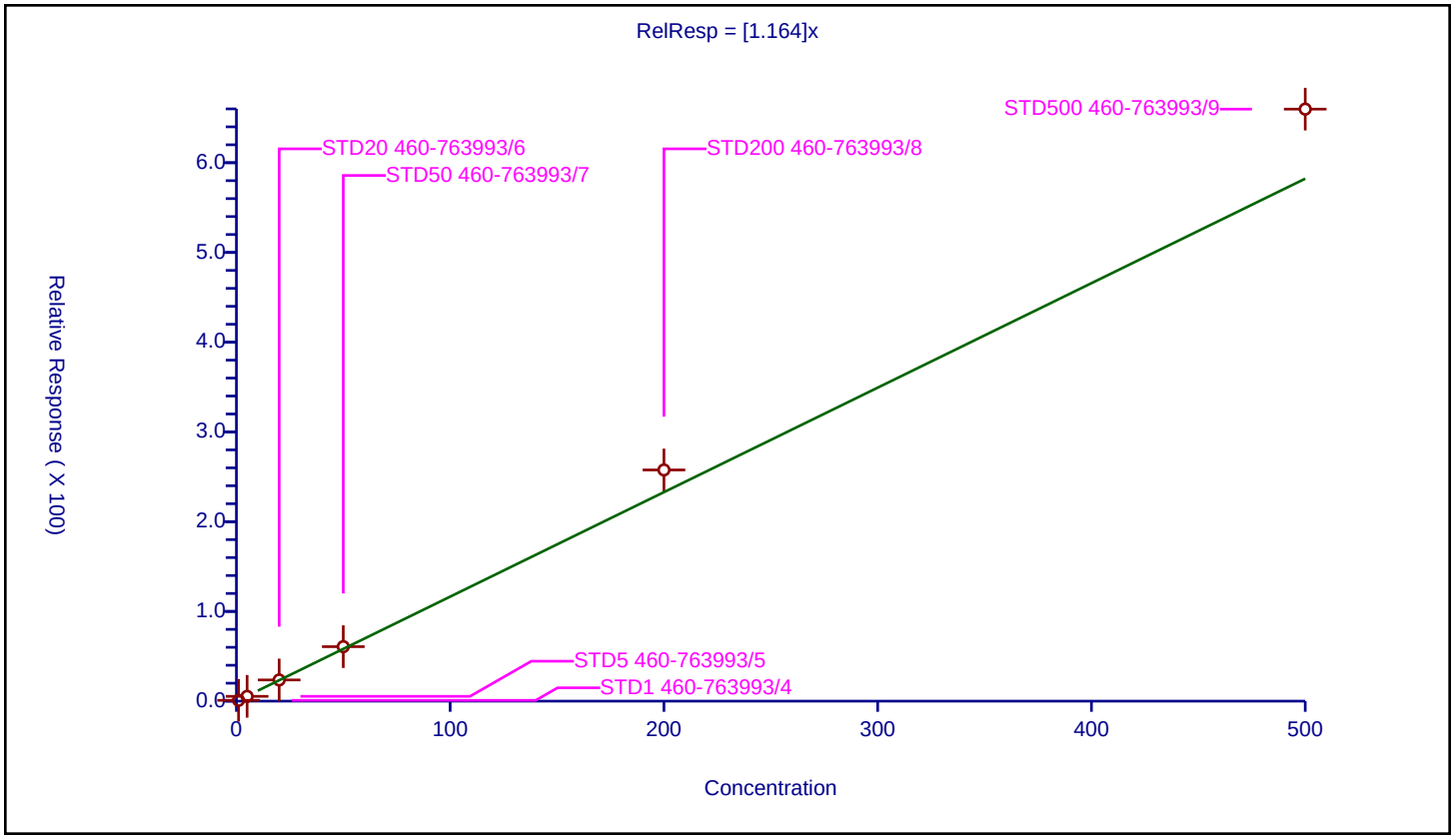
Curve Coefficients

Intercept:	0
Slope:	1.164

Error Coefficients

Standard Error:	3870000
Relative Standard Error:	12.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.915039	50.0	451183.0	0.915039	Y
2	STD5 460-763993/5	5.0	5.345519	50.0	465792.0	1.069104	Y
3	STD20 460-763993/6	20.0	23.613857	50.0	466438.0	1.180693	Y
4	STD50 460-763993/7	50.0	60.698562	50.0	518780.0	1.213971	Y
5	STD200 460-763993/8	200.0	257.658254	50.0	553873.0	1.288291	Y
6	STD500 460-763993/9	500.0	659.736863	50.0	616903.0	1.319474	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

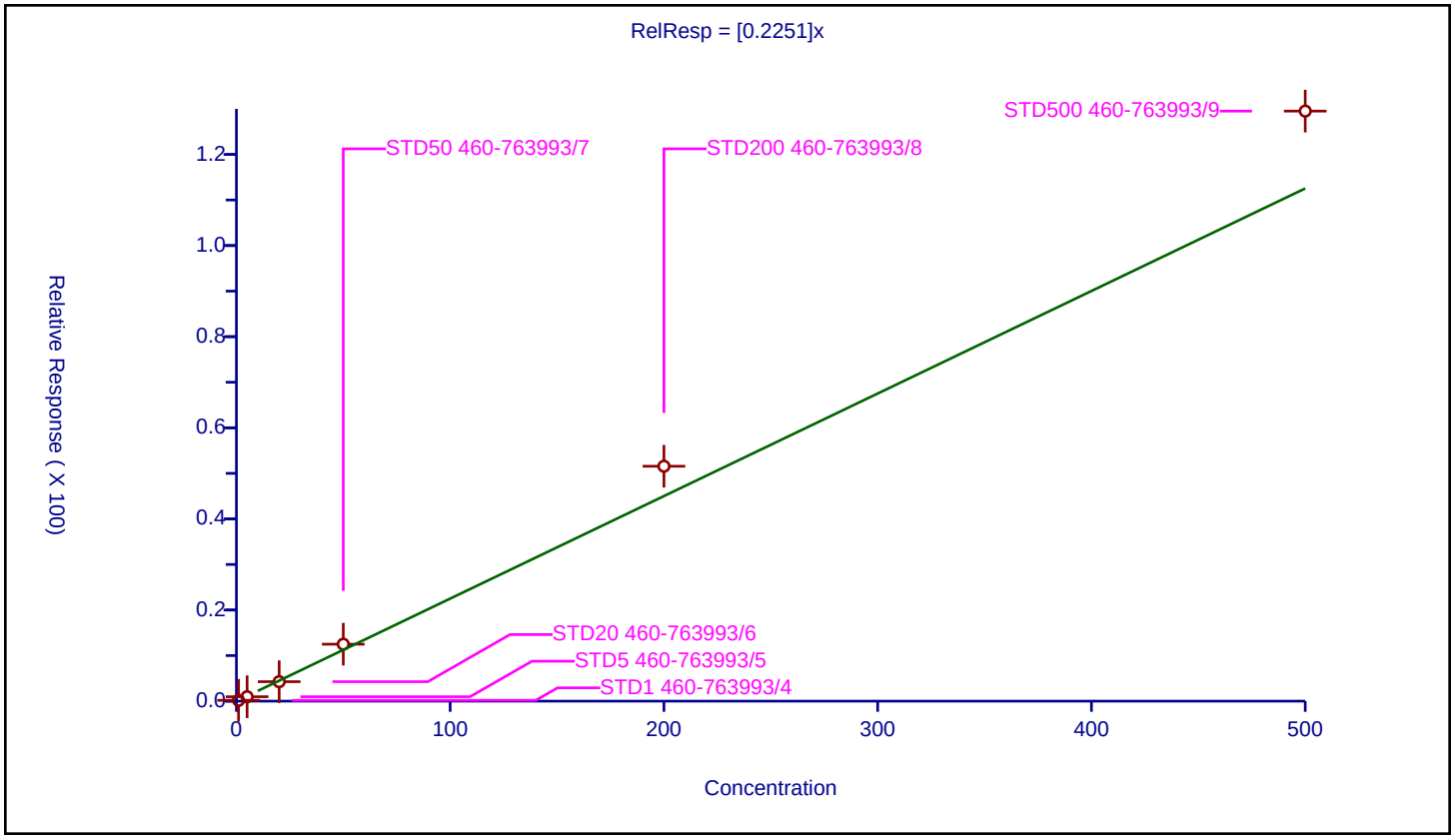
Curve Coefficients

Intercept:	0
Slope:	0.2251

Error Coefficients

Standard Error:	761000
Relative Standard Error:	15.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.176647	50.0	451183.0	0.176647	Y
2	STD5 460-763993/5	5.0	0.966418	50.0	465792.0	0.193284	Y
3	STD20 460-763993/6	20.0	4.272058	50.0	466438.0	0.213603	Y
4	STD50 460-763993/7	50.0	12.505012	50.0	518780.0	0.2501	Y
5	STD200 460-763993/8	200.0	51.562181	50.0	553873.0	0.257811	Y
6	STD500 460-763993/9	500.0	129.512014	50.0	616903.0	0.259024	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

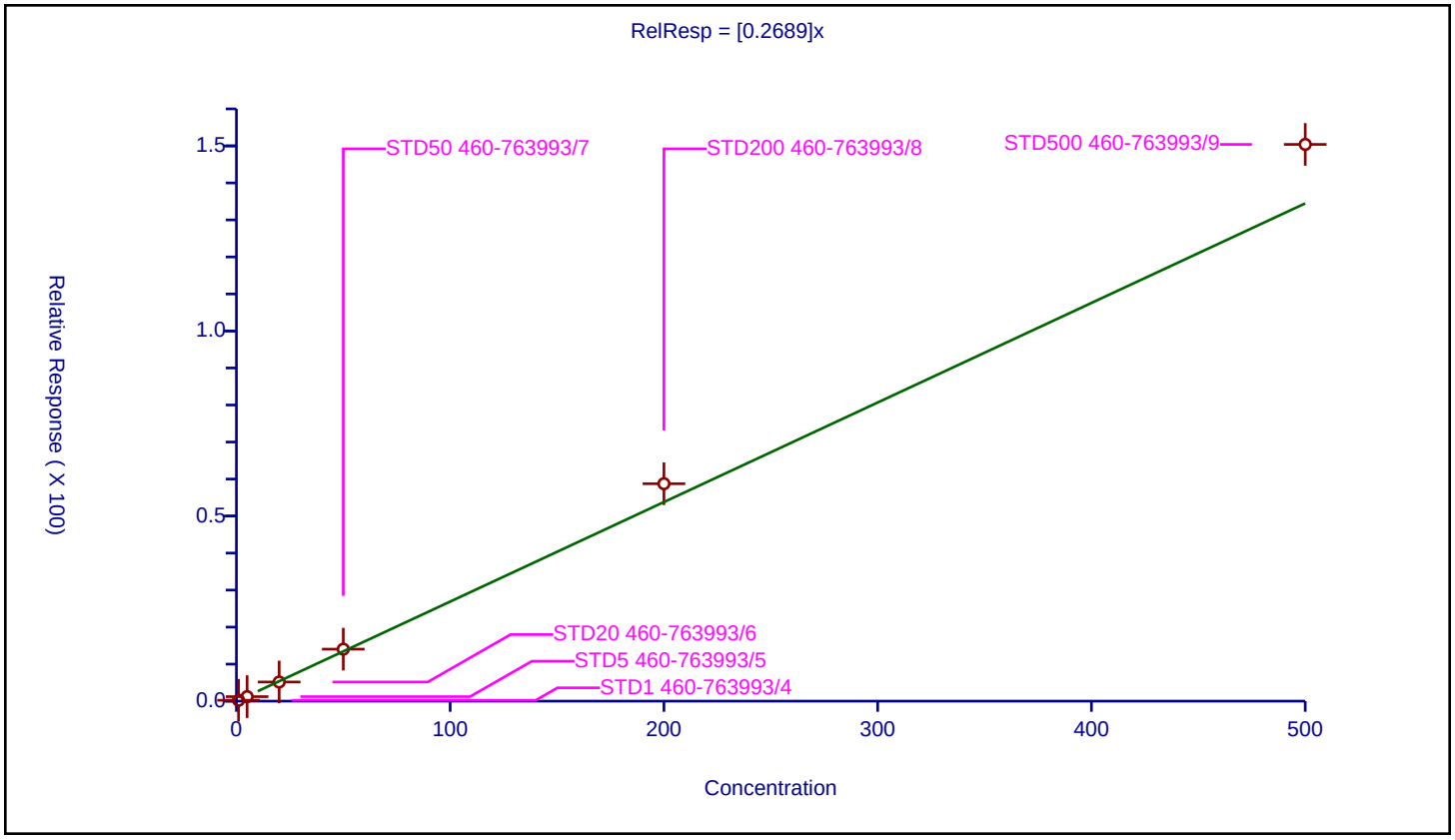
Curve Coefficients

Intercept:	0
Slope:	0.2689

Error Coefficients

Standard Error:	882000
Relative Standard Error:	9.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.237154	50.0	451183.0	0.237154	Y
2	STD5 460-763993/5	5.0	1.213954	50.0	465792.0	0.242791	Y
3	STD20 460-763993/6	20.0	5.166603	50.0	466438.0	0.25833	Y
4	STD50 460-763993/7	50.0	14.040537	50.0	518780.0	0.280811	Y
5	STD200 460-763993/8	200.0	58.73991	50.0	553873.0	0.2937	Y
6	STD500 460-763993/9	500.0	150.403953	50.0	616903.0	0.300808	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

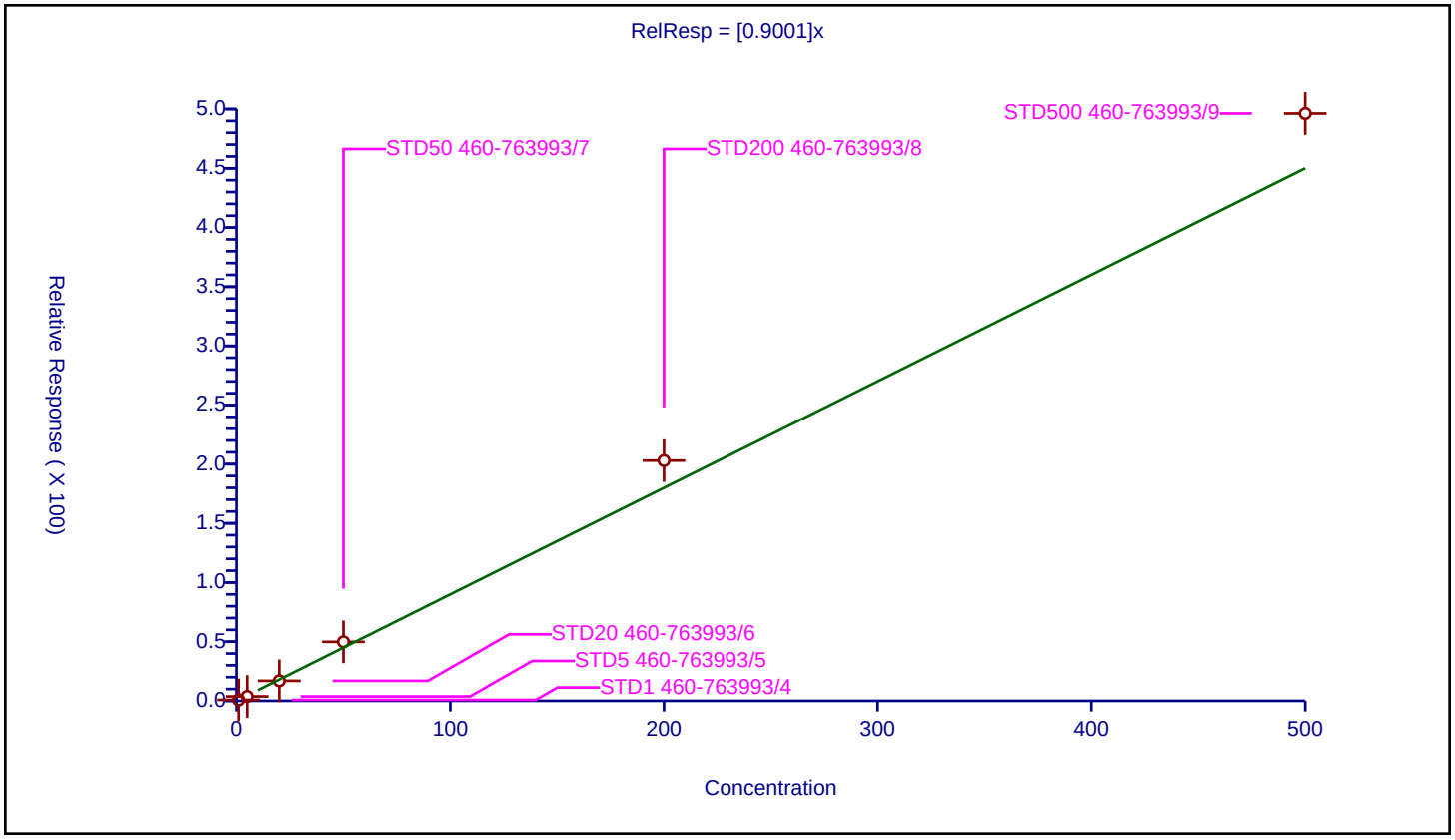
Curve Coefficients

Intercept:	0
Slope:	0.9001

Error Coefficients

Standard Error:	1820000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.807088	50.0	263602.0	0.807088	Y
2	STD5 460-763993/5	5.0	3.712536	50.0	275701.0	0.742507	Y
3	STD20 460-763993/6	20.0	16.918157	50.0	282516.0	0.845908	Y
4	STD50 460-763993/7	50.0	49.883232	50.0	322434.0	0.997665	Y
5	STD200 460-763993/8	200.0	203.03575	50.0	343243.0	1.015179	Y
6	STD500 460-763993/9	500.0	496.240306	50.0	384260.0	0.992481	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

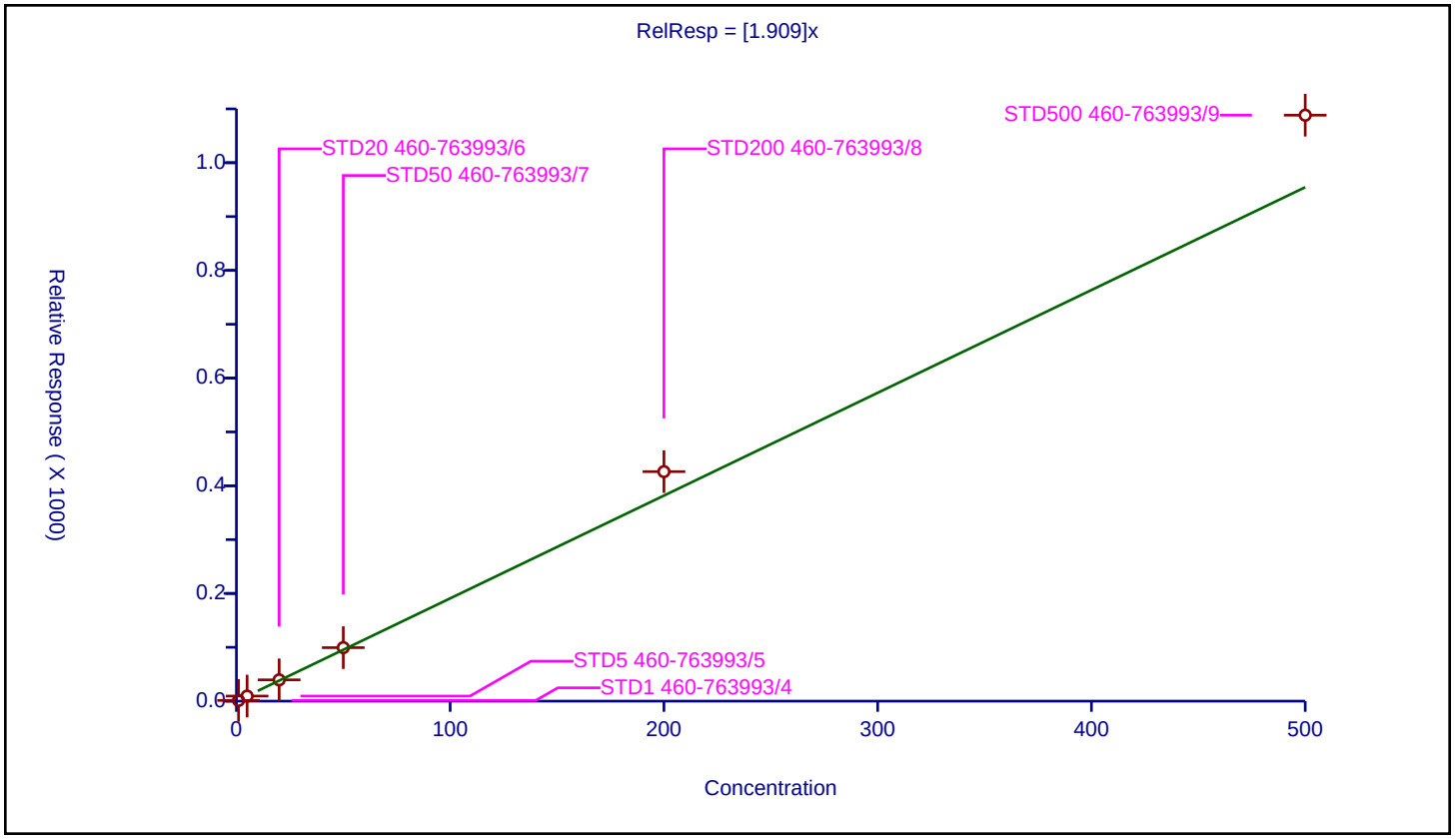
Curve Coefficients

Intercept:	0
Slope:	1.909

Error Coefficients

Standard Error:	6380000
Relative Standard Error:	16.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.294043	50.0	451183.0	1.294043	Y
2	STD5 460-763993/5	5.0	9.434147	50.0	465792.0	1.886829	Y
3	STD20 460-763993/6	20.0	39.542983	50.0	466438.0	1.977149	Y
4	STD50 460-763993/7	50.0	99.366302	50.0	518780.0	1.987326	Y
5	STD200 460-763993/8	200.0	426.297454	50.0	553873.0	2.131487	Y
6	STD500 460-763993/9	500.0	1088.258365	50.0	616903.0	2.176517	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

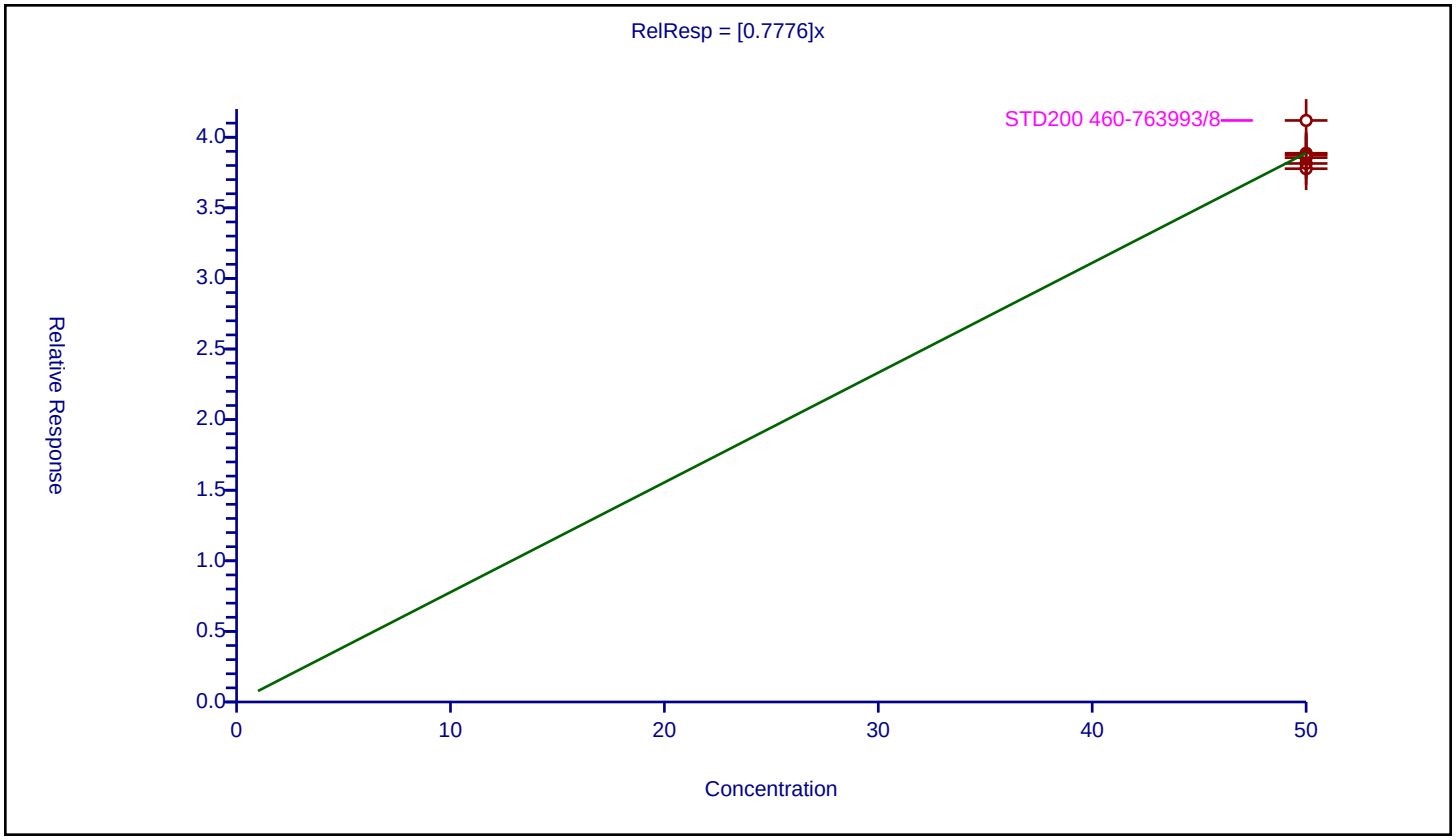
Curve Coefficients

Intercept:	0
Slope:	0.7776

Error Coefficients

Standard Error:	269000
Relative Standard Error:	3.1
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	50.0	38.737756	50.0	263602.0	0.774755	Y
2	STD5 460-763993/5	50.0	37.772442	50.0	275701.0	0.755449	Y
3	STD20 460-763993/6	50.0	38.867356	50.0	282516.0	0.777347	Y
4	STD50 460-763993/7	50.0	38.554402	50.0	322434.0	0.771088	Y
5	STD200 460-763993/8	50.0	41.189624	50.0	343243.0	0.823792	Y
6	STD500 460-763993/9	50.0	38.143705	50.0	384260.0	0.762874	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

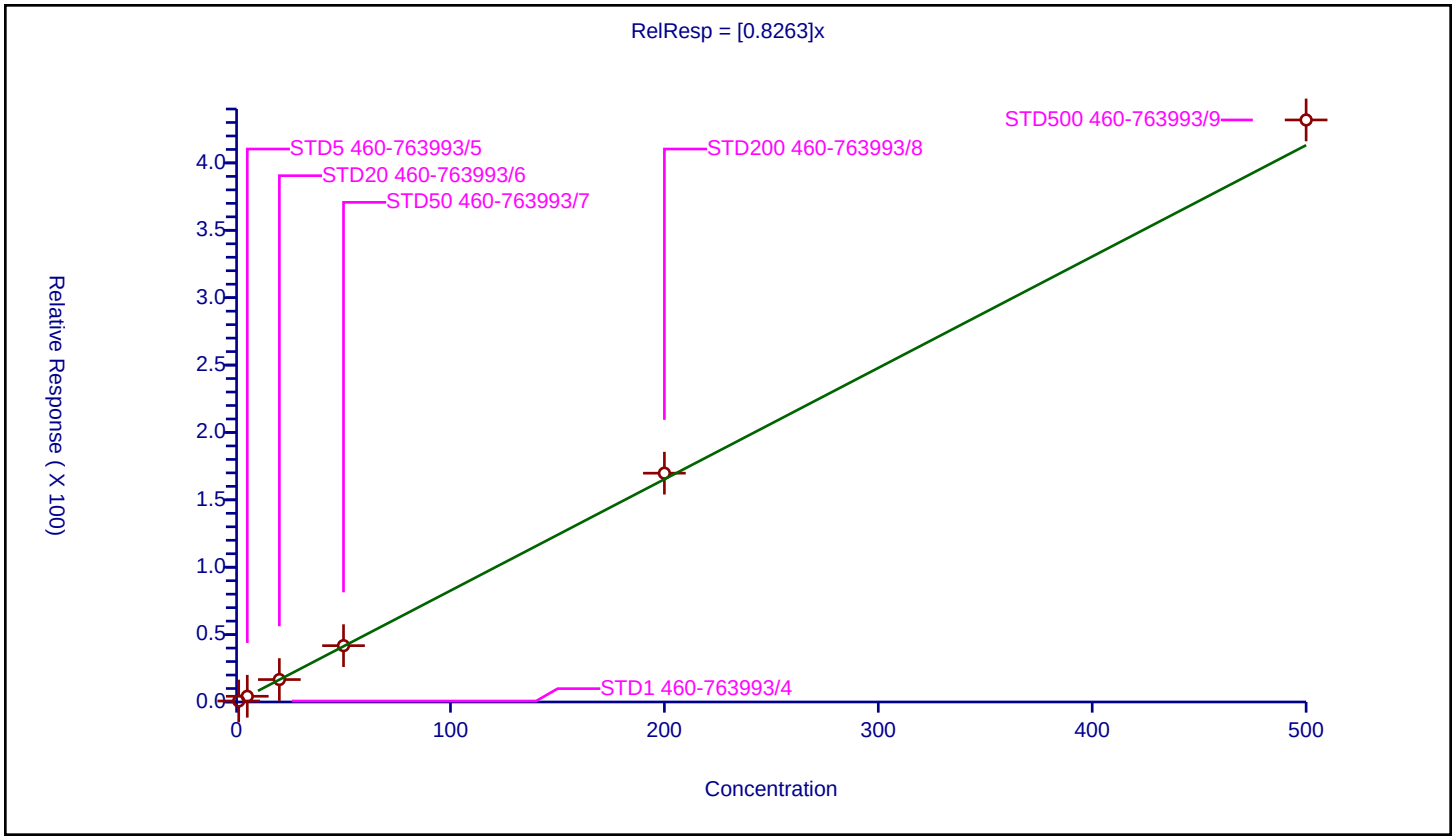
Curve Coefficients

Intercept:	0
Slope:	0.8263

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	5.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.72913	50.0	263602.0	0.72913	Y
2	STD5 460-763993/5	5.0	4.239194	50.0	275701.0	0.847839	Y
3	STD20 460-763993/6	20.0	16.642066	50.0	282516.0	0.832103	Y
4	STD50 460-763993/7	50.0	41.803129	50.0	322434.0	0.836063	Y
5	STD200 460-763993/8	200.0	169.783943	50.0	343243.0	0.84892	Y
6	STD500 460-763993/9	500.0	431.883751	50.0	384260.0	0.863768	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

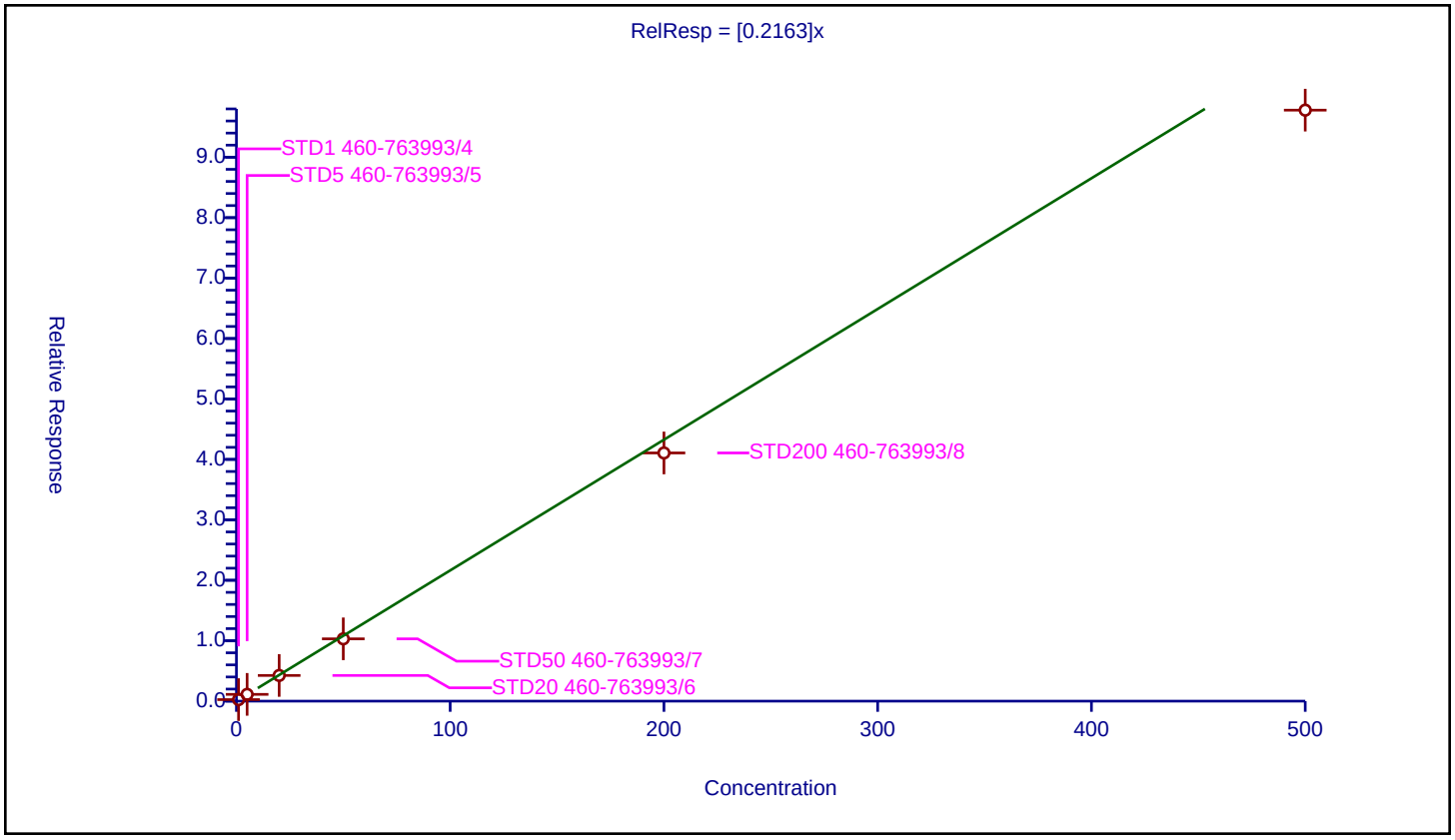
Curve Coefficients

Intercept:	0
Slope:	0.2163

Error Coefficients

Standard Error:	360000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.253981	50.0	263602.0	0.253981	Y
2	STD5 460-763993/5	5.0	1.121323	50.0	275701.0	0.224265	Y
3	STD20 460-763993/6	20.0	4.248786	50.0	282516.0	0.212439	Y
4	STD50 460-763993/7	50.0	10.309087	50.0	322434.0	0.206182	Y
5	STD200 460-763993/8	200.0	41.066533	50.0	343243.0	0.205333	Y
6	STD500 460-763993/9	500.0	97.794202	50.0	384260.0	0.195588	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

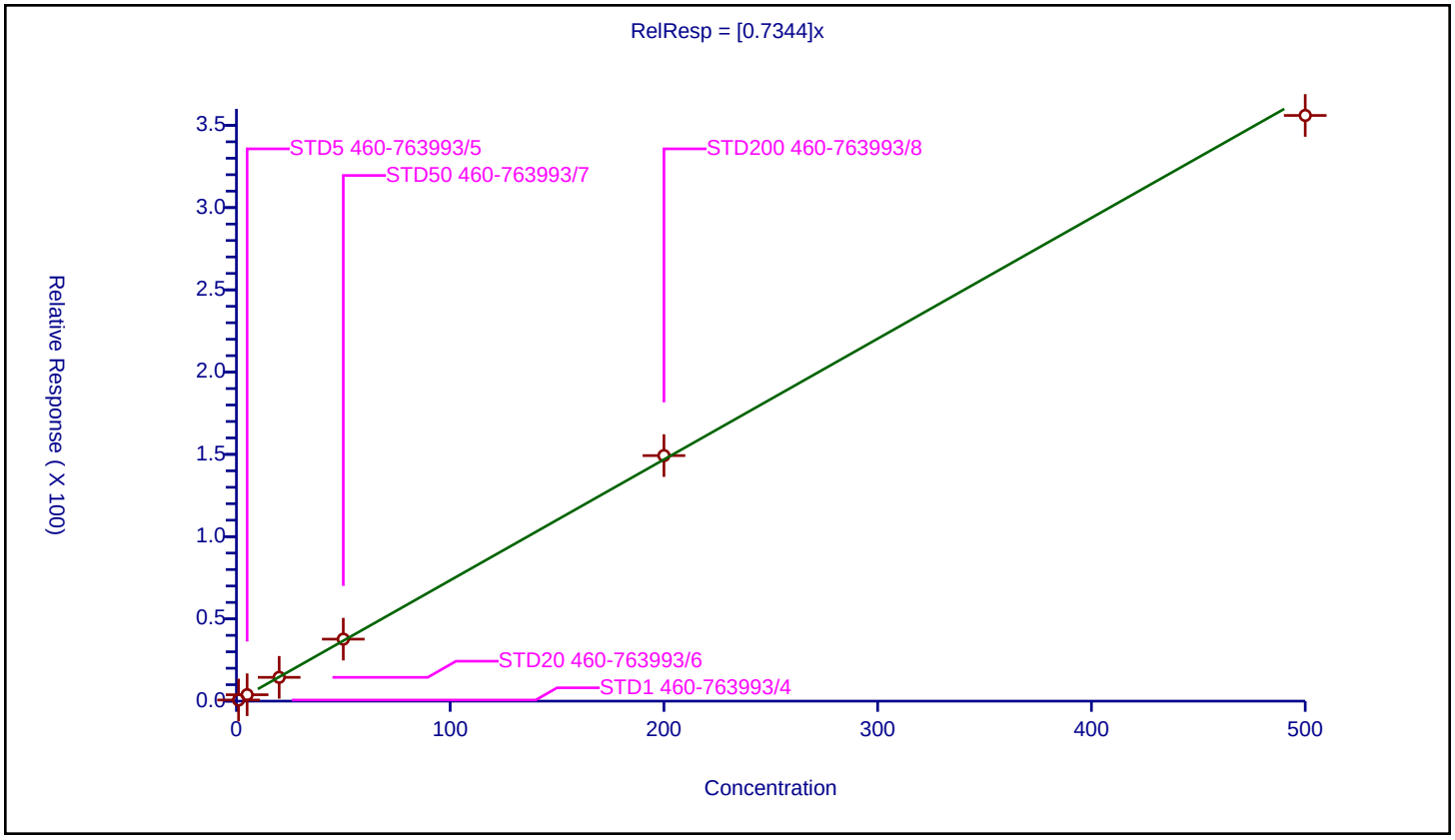
Curve Coefficients

Intercept:	0
Slope:	0.7344

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.692332	50.0	263602.0	0.692332	Y
2	STD5 460-763993/5	5.0	3.894074	50.0	275701.0	0.778815	Y
3	STD20 460-763993/6	20.0	14.462367	50.0	282516.0	0.723118	Y
4	STD50 460-763993/7	50.0	37.68089	50.0	322434.0	0.753618	Y
5	STD200 460-763993/8	200.0	149.263641	50.0	343243.0	0.746318	Y
6	STD500 460-763993/9	500.0	356.020143	50.0	384260.0	0.71204	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

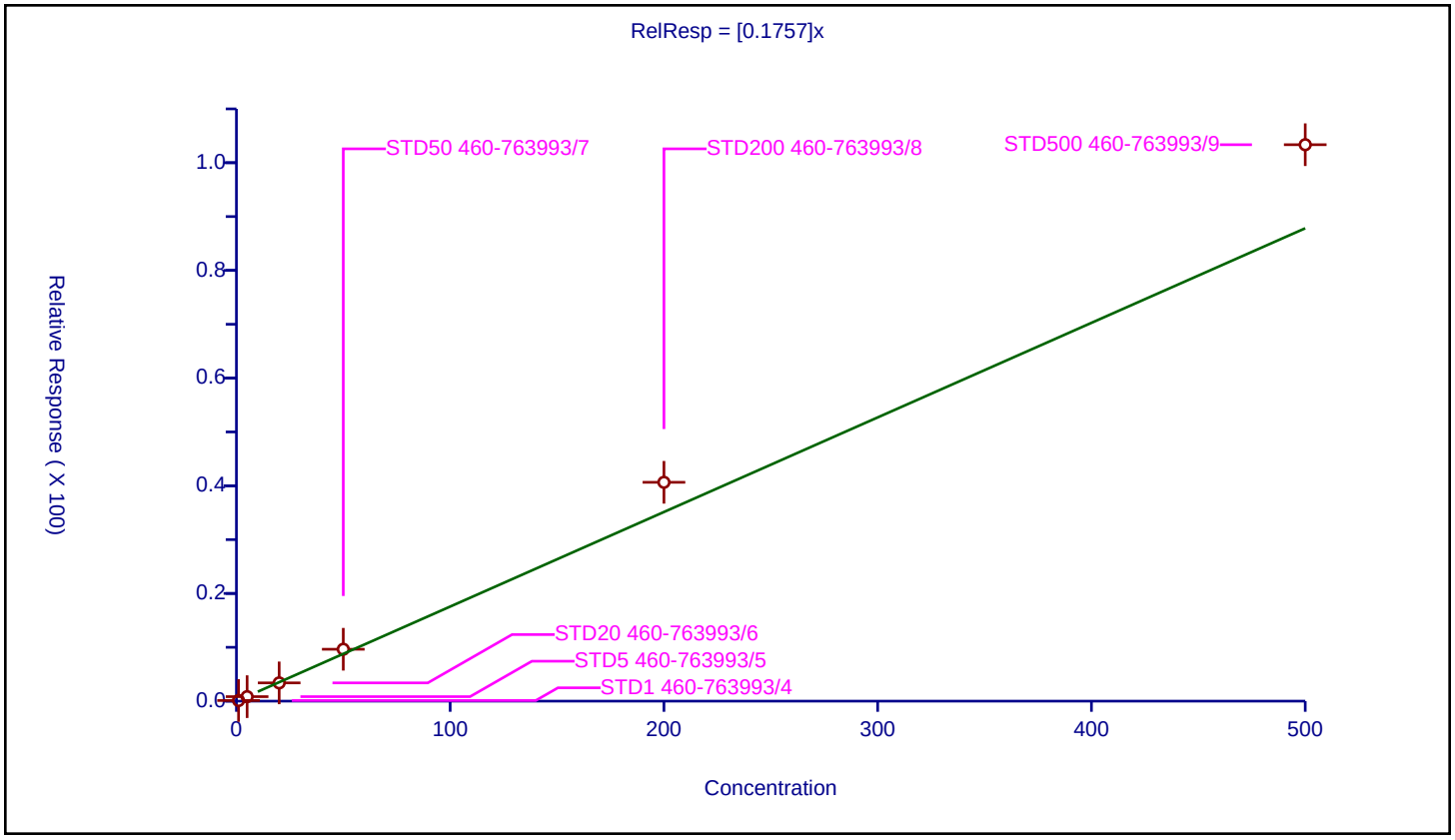
Curve Coefficients

Intercept:	0
Slope:	0.1757

Error Coefficients

Standard Error:	378000
Relative Standard Error:	19.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.115325	50.0	263602.0	0.115325	Y
2	STD5 460-763993/5	5.0	0.831879	50.0	275701.0	0.166376	Y
3	STD20 460-763993/6	20.0	3.390427	50.0	282516.0	0.169521	Y
4	STD50 460-763993/7	50.0	9.637631	50.0	322434.0	0.192753	Y
5	STD200 460-763993/8	200.0	40.647879	50.0	343243.0	0.203239	Y
6	STD500 460-763993/9	500.0	103.34422	50.0	384260.0	0.206688	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

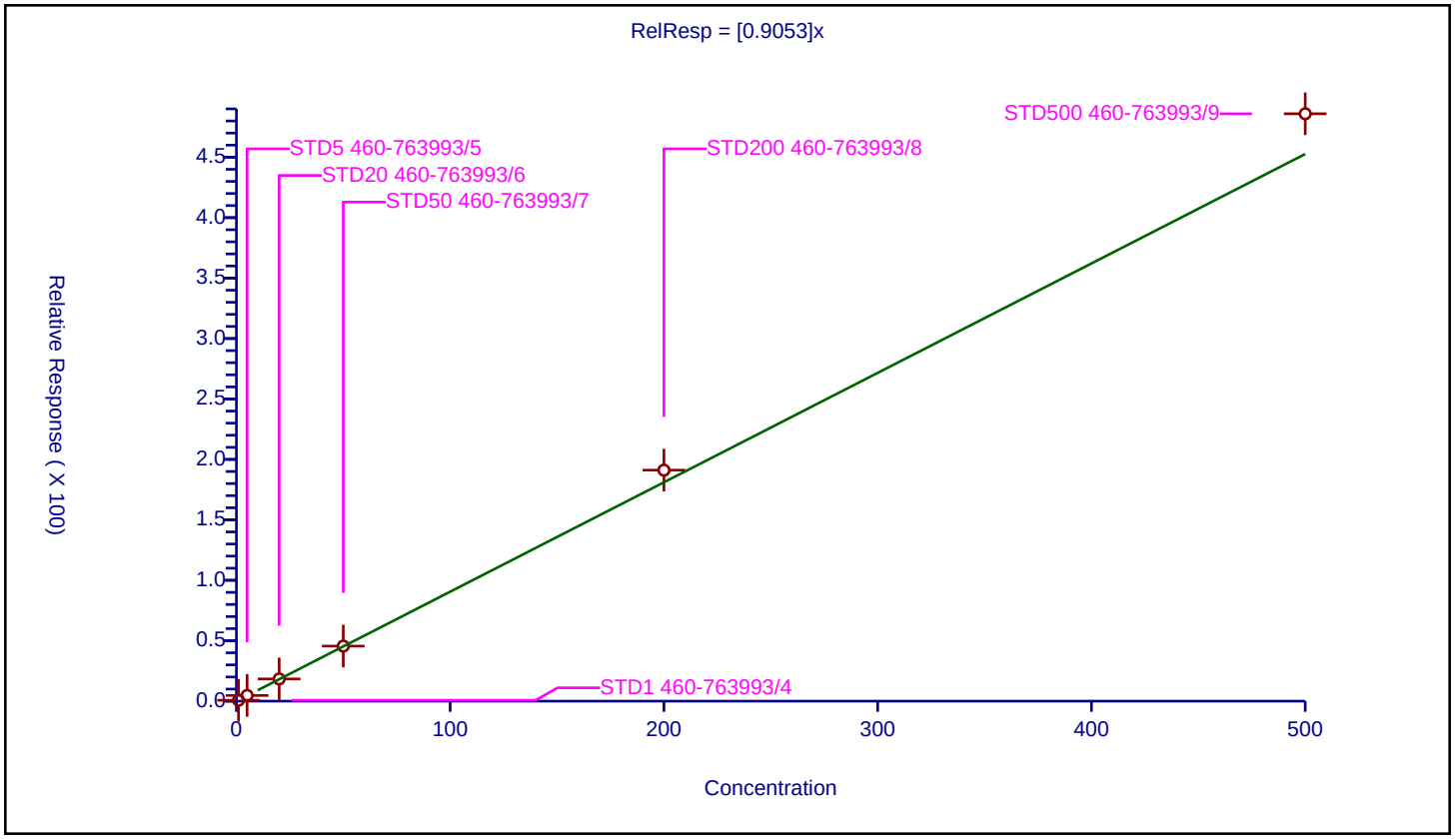
Curve Coefficients

Intercept:	0
Slope:	0.9053

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.736717	50.0	263602.0	0.736717	Y
2	STD5 460-763993/5	5.0	4.693853	50.0	275701.0	0.938771	Y
3	STD20 460-763993/6	20.0	18.362854	50.0	282516.0	0.918143	Y
4	STD50 460-763993/7	50.0	45.535055	50.0	322434.0	0.910701	Y
5	STD200 460-763993/8	200.0	191.099309	50.0	343243.0	0.955497	Y
6	STD500 460-763993/9	500.0	485.961849	50.0	384260.0	0.971924	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

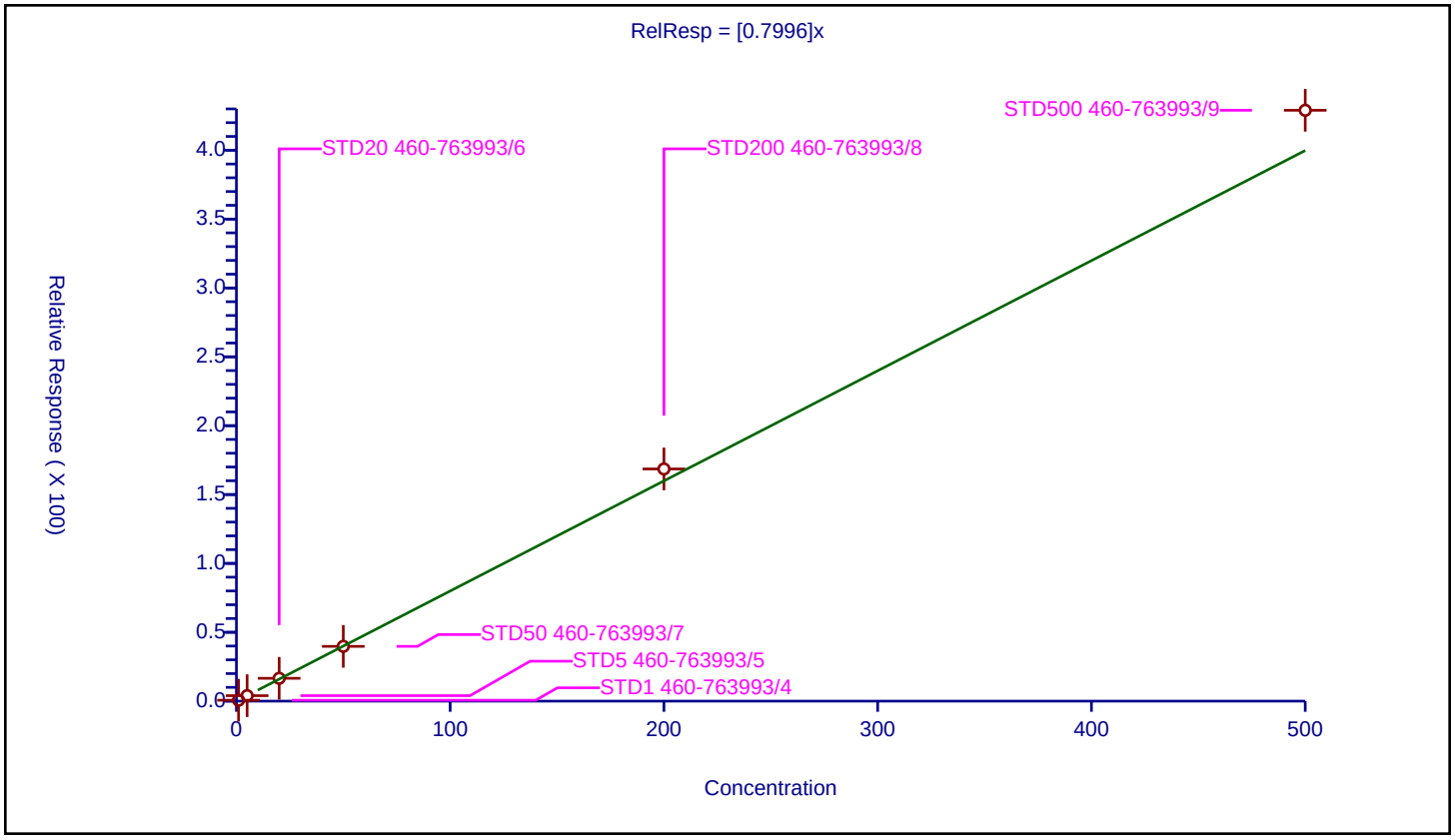
Curve Coefficients

Intercept:	0
Slope:	0.7996

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	8.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.67545	50.0	263602.0	0.67545	Y
2	STD5 460-763993/5	5.0	3.981124	50.0	275701.0	0.796225	Y
3	STD20 460-763993/6	20.0	16.590742	50.0	282516.0	0.829537	Y
4	STD50 460-763993/7	50.0	39.763486	50.0	322434.0	0.79527	Y
5	STD200 460-763993/8	200.0	168.584064	50.0	343243.0	0.84292	Y
6	STD500 460-763993/9	500.0	428.989096	50.0	384260.0	0.857978	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

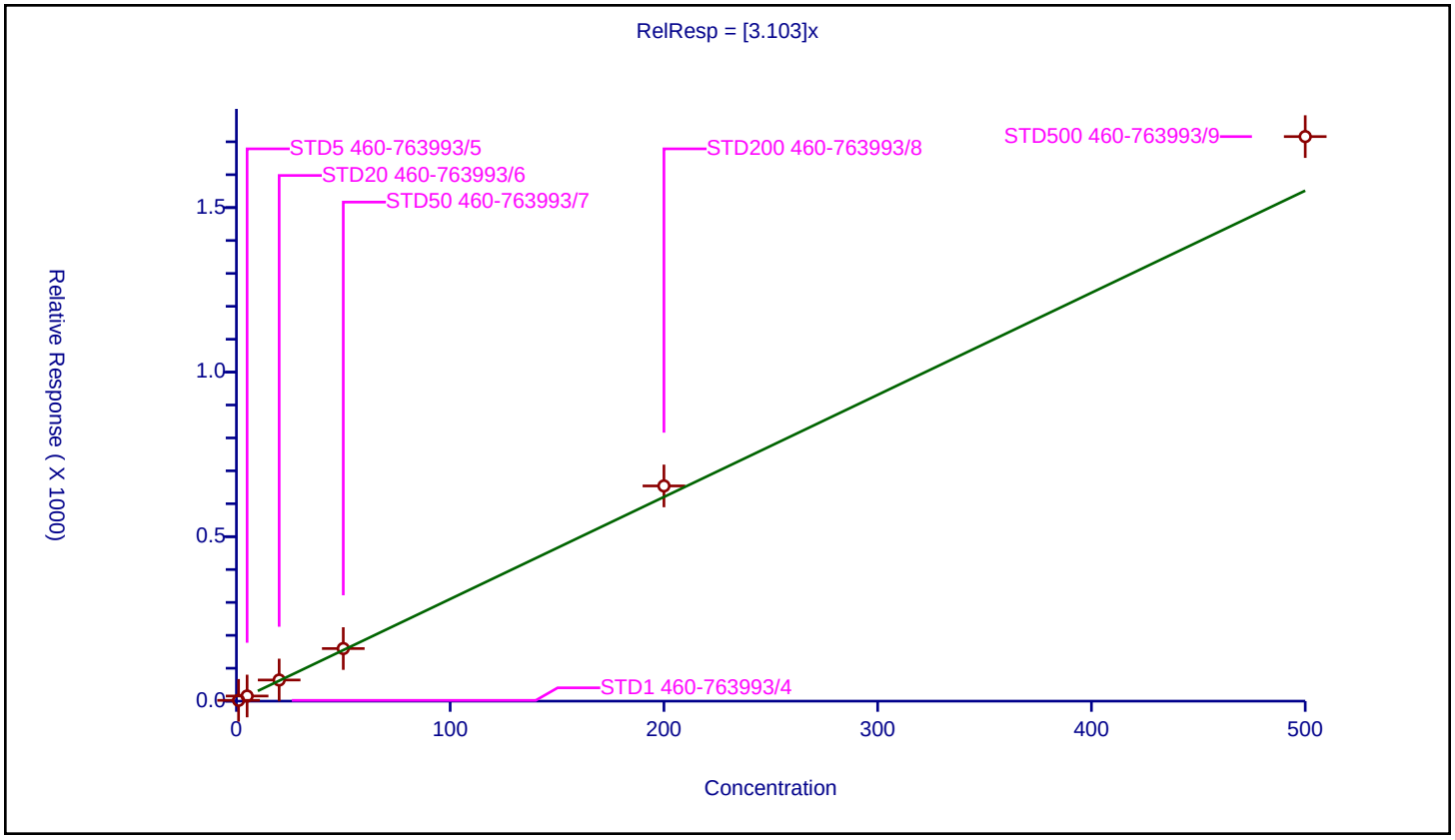
Curve Coefficients

Intercept:	0
Slope:	3.103

Error Coefficients

Standard Error:	6250000
Relative Standard Error:	11.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.389967	50.0	263602.0	2.389967	Y
2	STD5 460-763993/5	5.0	15.577927	50.0	275701.0	3.115585	Y
3	STD20 460-763993/6	20.0	64.271404	50.0	282516.0	3.21357	Y
4	STD50 460-763993/7	50.0	159.840463	50.0	322434.0	3.196809	Y
5	STD200 460-763993/8	200.0	654.070003	50.0	343243.0	3.27035	Y
6	STD500 460-763993/9	500.0	1715.77877	50.0	384260.0	3.431558	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

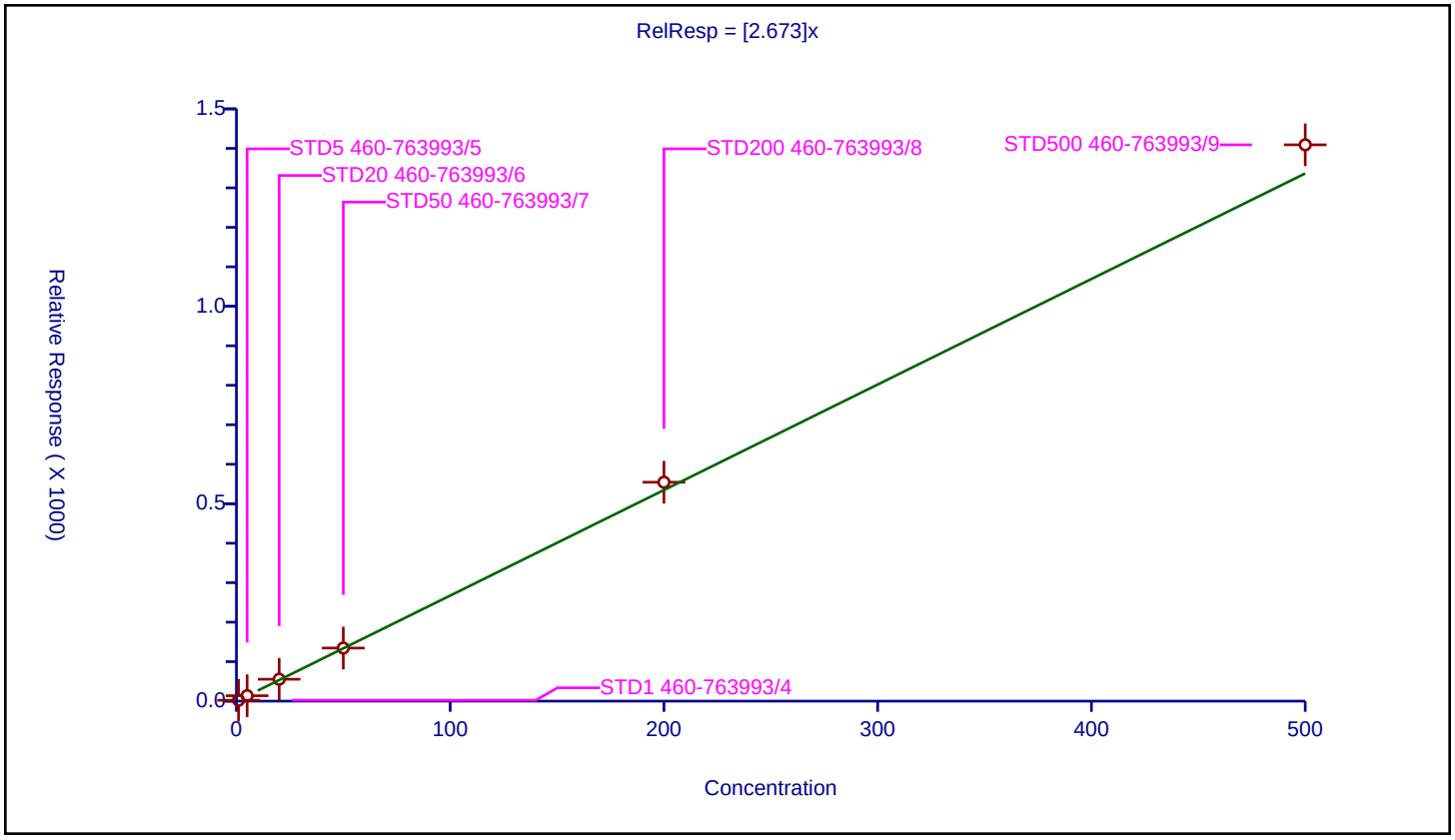
Curve Coefficients

Intercept:	0
Slope:	2.673

Error Coefficients

Standard Error:	5150000
Relative Standard Error:	8.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.238602	50.0	263602.0	2.238602	Y
2	STD5 460-763993/5	5.0	13.723381	50.0	275701.0	2.744676	Y
3	STD20 460-763993/6	20.0	55.50429	50.0	282516.0	2.775215	Y
4	STD50 460-763993/7	50.0	134.477754	50.0	322434.0	2.689555	Y
5	STD200 460-763993/8	200.0	554.455298	50.0	343243.0	2.772276	Y
6	STD500 460-763993/9	500.0	1409.012257	50.0	384260.0	2.818025	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

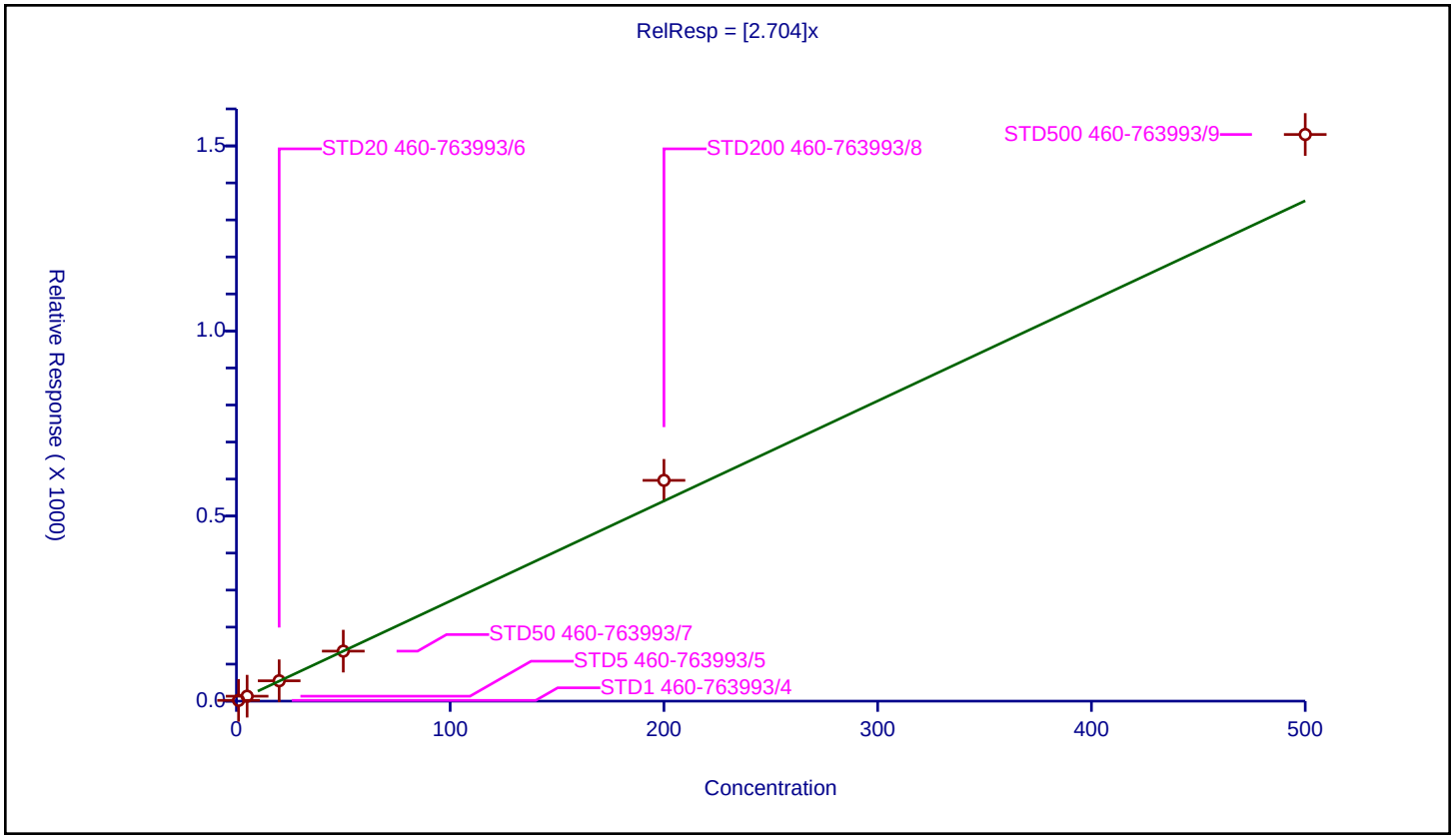
Curve Coefficients

Intercept:	0
Slope:	2.704

Error Coefficients

Standard Error:	5590000
Relative Standard Error:	13.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.05632	50.0	263602.0	2.05632	Y
2	STD5 460-763993/5	5.0	13.348338	50.0	275701.0	2.669668	Y
3	STD20 460-763993/6	20.0	54.995469	50.0	282516.0	2.749773	Y
4	STD50 460-763993/7	50.0	135.078031	50.0	322434.0	2.701561	Y
5	STD200 460-763993/8	200.0	596.430226	50.0	343243.0	2.982151	Y
6	STD500 460-763993/9	500.0	1530.878181	50.0	384260.0	3.061756	Y



Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

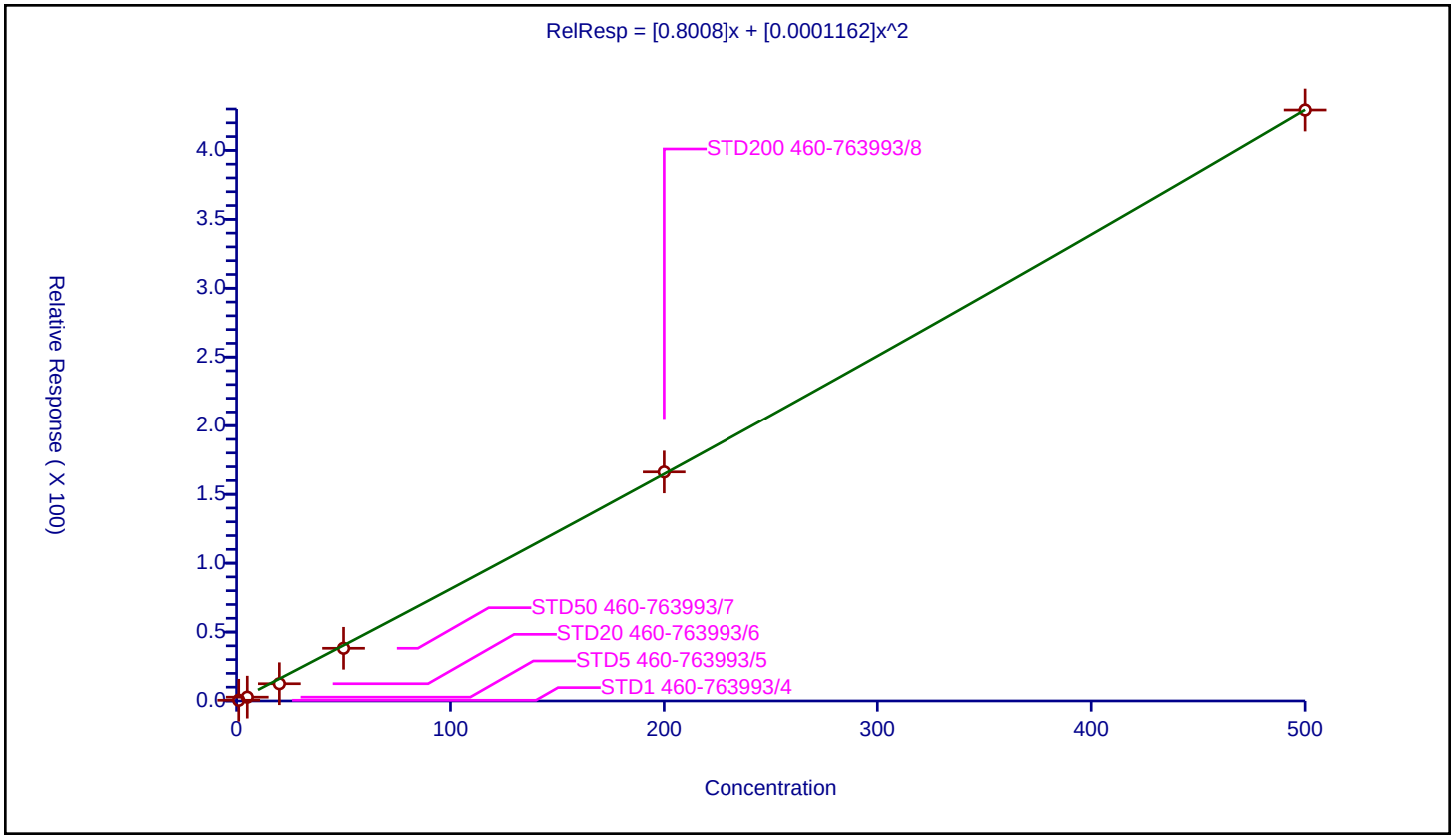
Curve Coefficients

Intercept:	0
Slope:	0.8008
Second Order:	0.0001162

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	26.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.51555	50.0	263602.0	0.51555	Y
2	STD5 460-763993/5	5.0	2.761506	50.0	275701.0	0.552301	Y
3	STD20 460-763993/6	20.0	12.497522	50.0	282516.0	0.624876	Y
4	STD50 460-763993/7	50.0	38.215108	50.0	322434.0	0.764302	Y
5	STD200 460-763993/8	200.0	166.231504	50.0	343243.0	0.831158	Y
6	STD500 460-763993/9	500.0	429.260266	50.0	384260.0	0.858521	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

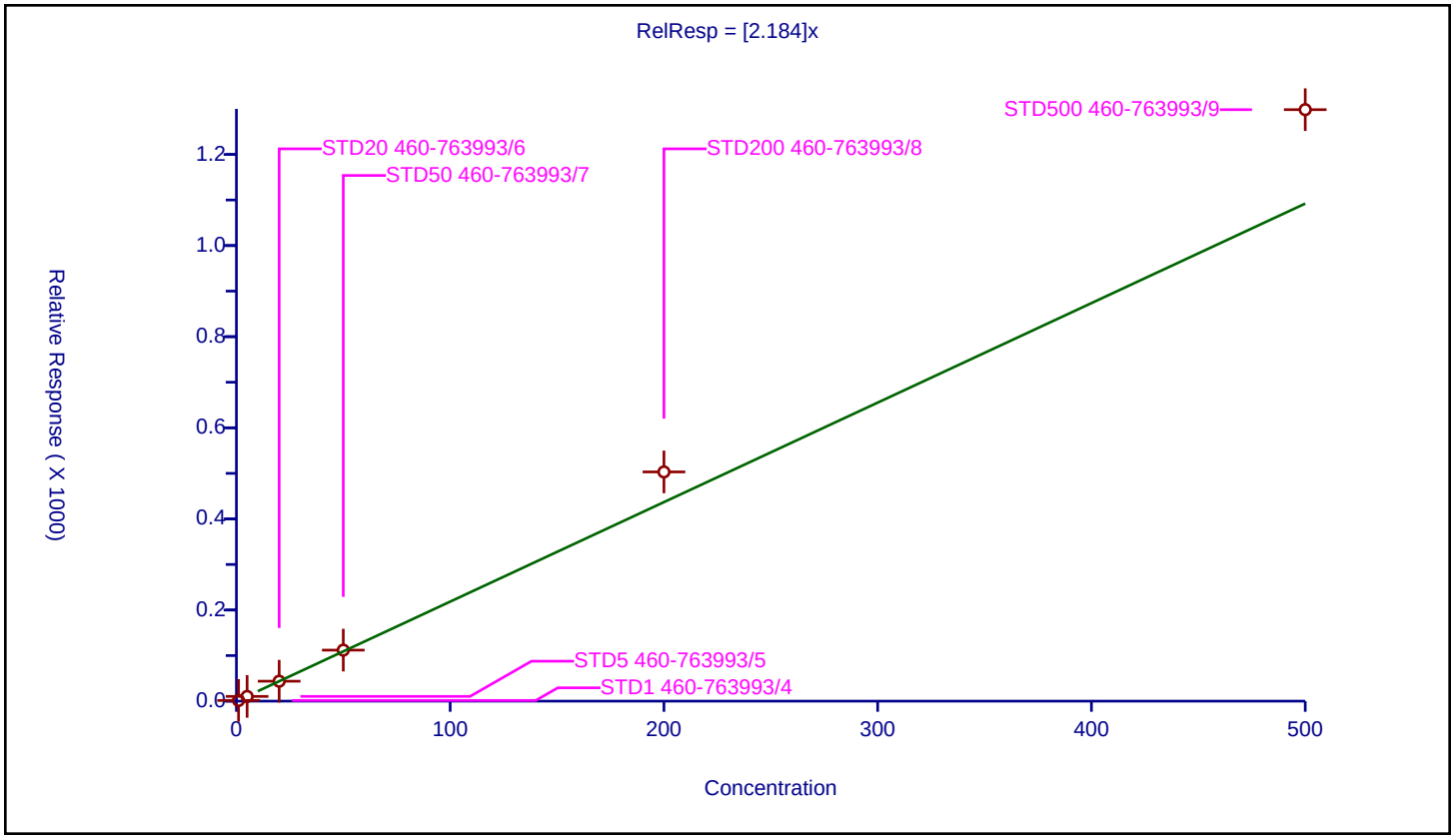
Curve Coefficients

Intercept:	0
Slope:	2.184

Error Coefficients

Standard Error:	4730000
Relative Standard Error:	18.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.491643	50.0	263602.0	1.491643	Y
2	STD5 460-763993/5	5.0	10.375552	50.0	275701.0	2.07511	Y
3	STD20 460-763993/6	20.0	43.731152	50.0	282516.0	2.186558	Y
4	STD50 460-763993/7	50.0	111.977955	50.0	322434.0	2.239559	Y
5	STD200 460-763993/8	200.0	503.150975	50.0	343243.0	2.515755	Y
6	STD500 460-763993/9	500.0	1298.291391	50.0	384260.0	2.596583	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

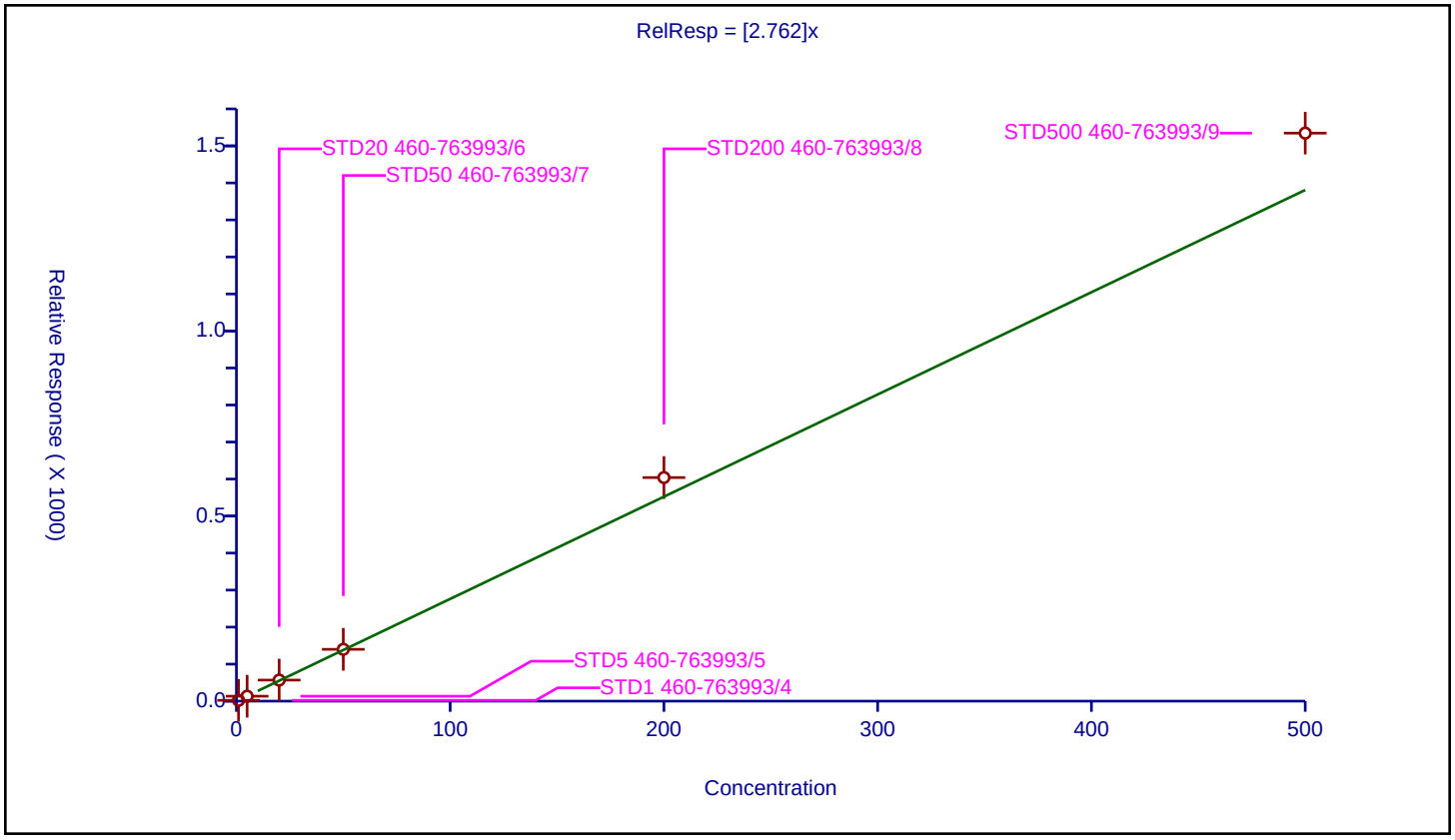
Curve Coefficients

Intercept:	0
Slope:	2.762

Error Coefficients

Standard Error:	5610000
Relative Standard Error:	11.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.165575	50.0	263602.0	2.165575	Y
2	STD5 460-763993/5	5.0	13.354504	50.0	275701.0	2.670901	Y
3	STD20 460-763993/6	20.0	56.870584	50.0	282516.0	2.843529	Y
4	STD50 460-763993/7	50.0	140.015166	50.0	322434.0	2.800303	Y
5	STD200 460-763993/8	200.0	604.029652	50.0	343243.0	3.020148	Y
6	STD500 460-763993/9	500.0	1534.529225	50.0	384260.0	3.069058	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

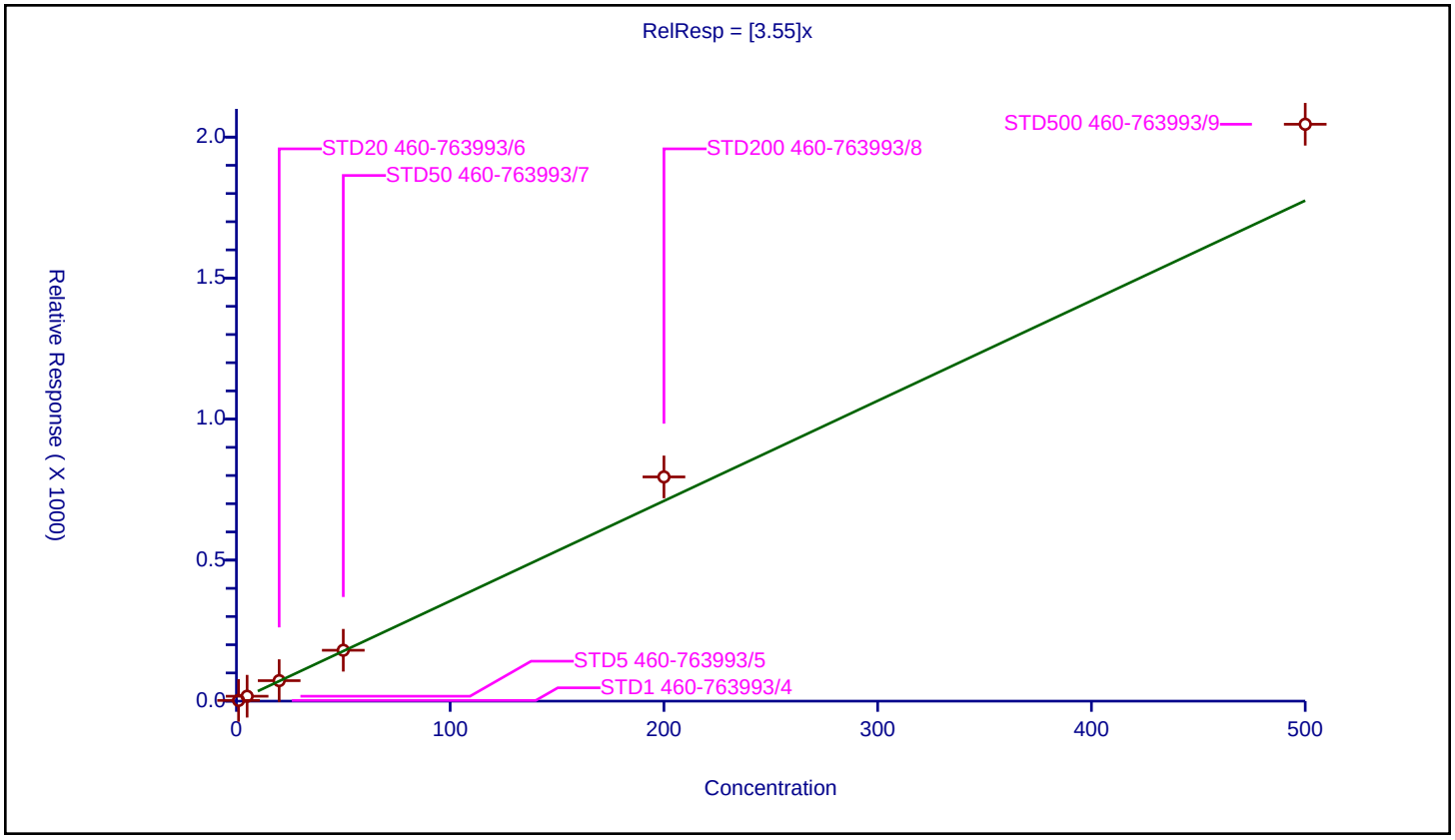
Curve Coefficients

Intercept:	0
Slope:	3.55

Error Coefficients

Standard Error:	7460000
Relative Standard Error:	15.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.497136	50.0	263602.0	2.497136	Y
2	STD5 460-763993/5	5.0	17.469106	50.0	275701.0	3.493821	Y
3	STD20 460-763993/6	20.0	72.667035	50.0	282516.0	3.633352	Y
4	STD50 460-763993/7	50.0	180.382187	50.0	322434.0	3.607644	Y
5	STD200 460-763993/8	200.0	795.012426	50.0	343243.0	3.975062	Y
6	STD500 460-763993/9	500.0	2045.548717	50.0	384260.0	4.091097	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

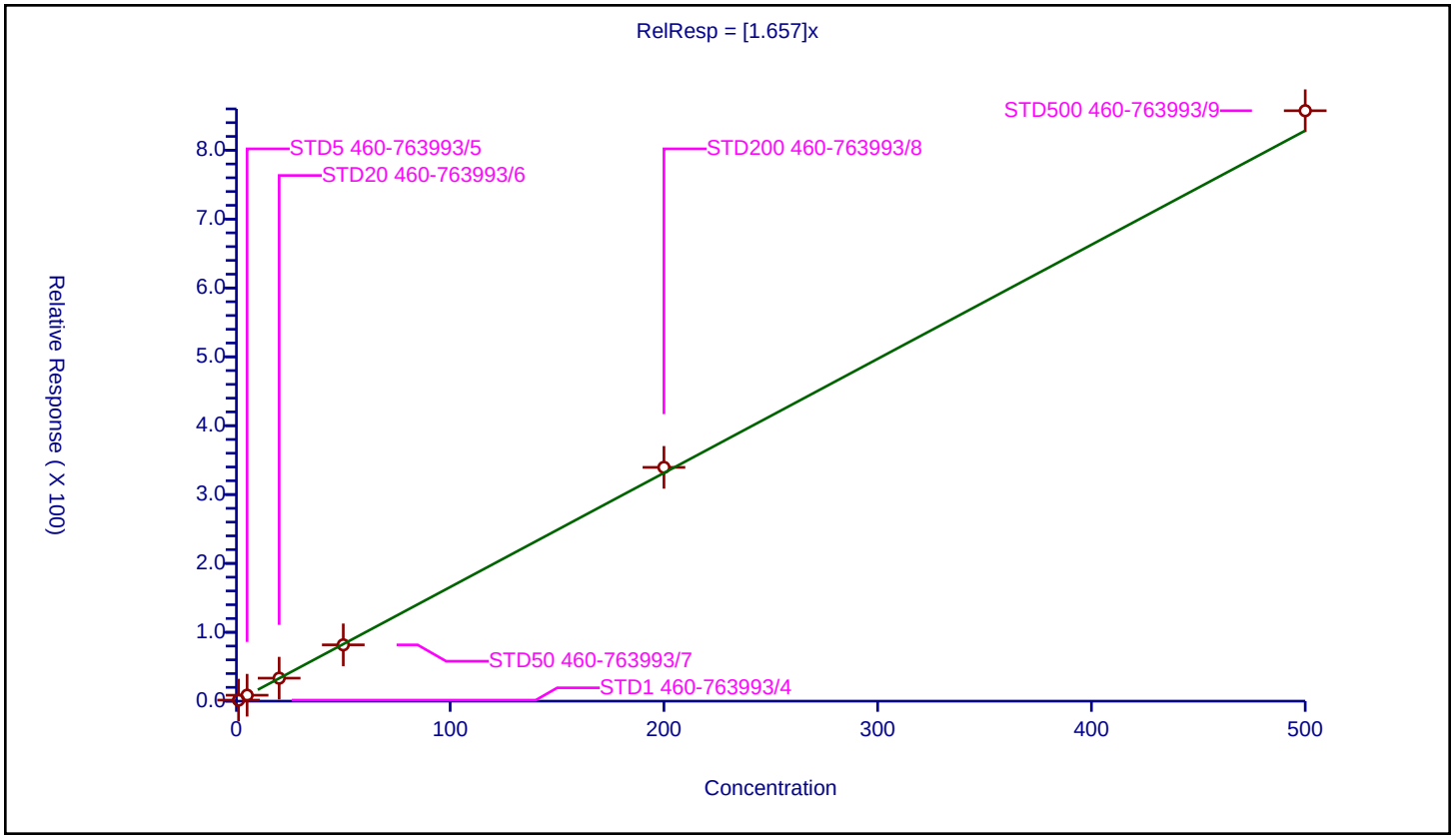
Curve Coefficients

Intercept:	0
Slope:	1.657

Error Coefficients

Standard Error:	3140000
Relative Standard Error:	5.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.502265	50.0	263602.0	1.502265	Y
2	STD5 460-763993/5	5.0	8.616218	50.0	275701.0	1.723244	Y
3	STD20 460-763993/6	20.0	33.36696	50.0	282516.0	1.668348	Y
4	STD50 460-763993/7	50.0	81.754561	50.0	322434.0	1.635091	Y
5	STD200 460-763993/8	200.0	339.460674	50.0	343243.0	1.697303	Y
6	STD500 460-763993/9	500.0	857.323817	50.0	384260.0	1.714648	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

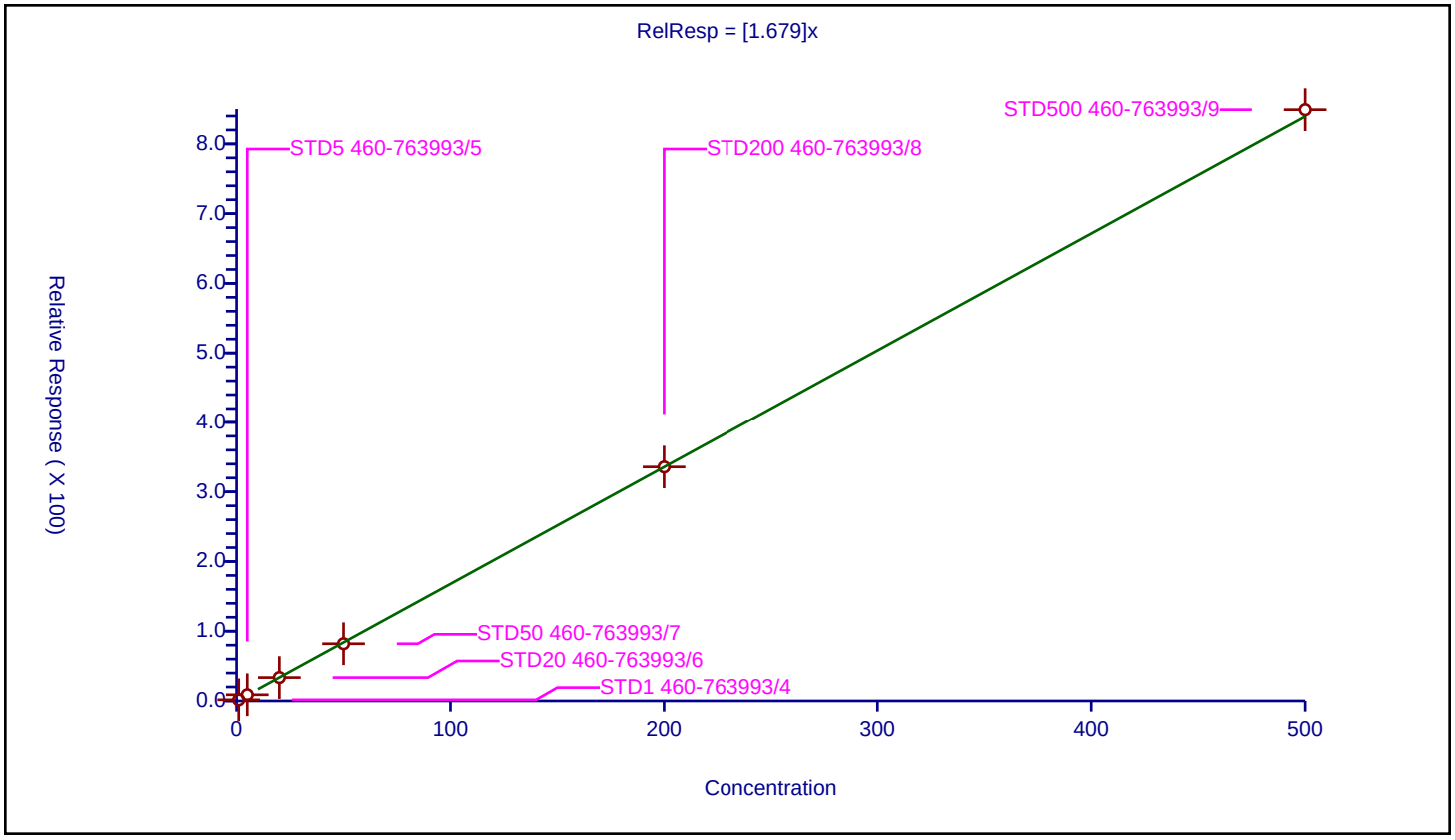
Curve Coefficients

Intercept:	0
Slope:	1.679

Error Coefficients

Standard Error:	3100000
Relative Standard Error:	3.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.613038	50.0	263602.0	1.613038	Y
2	STD5 460-763993/5	5.0	8.830037	50.0	275701.0	1.766007	Y
3	STD20 460-763993/6	20.0	33.514208	50.0	282516.0	1.67571	Y
4	STD50 460-763993/7	50.0	82.016009	50.0	322434.0	1.64032	Y
5	STD200 460-763993/8	200.0	335.831612	50.0	343243.0	1.679158	Y
6	STD500 460-763993/9	500.0	849.044657	50.0	384260.0	1.698089	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

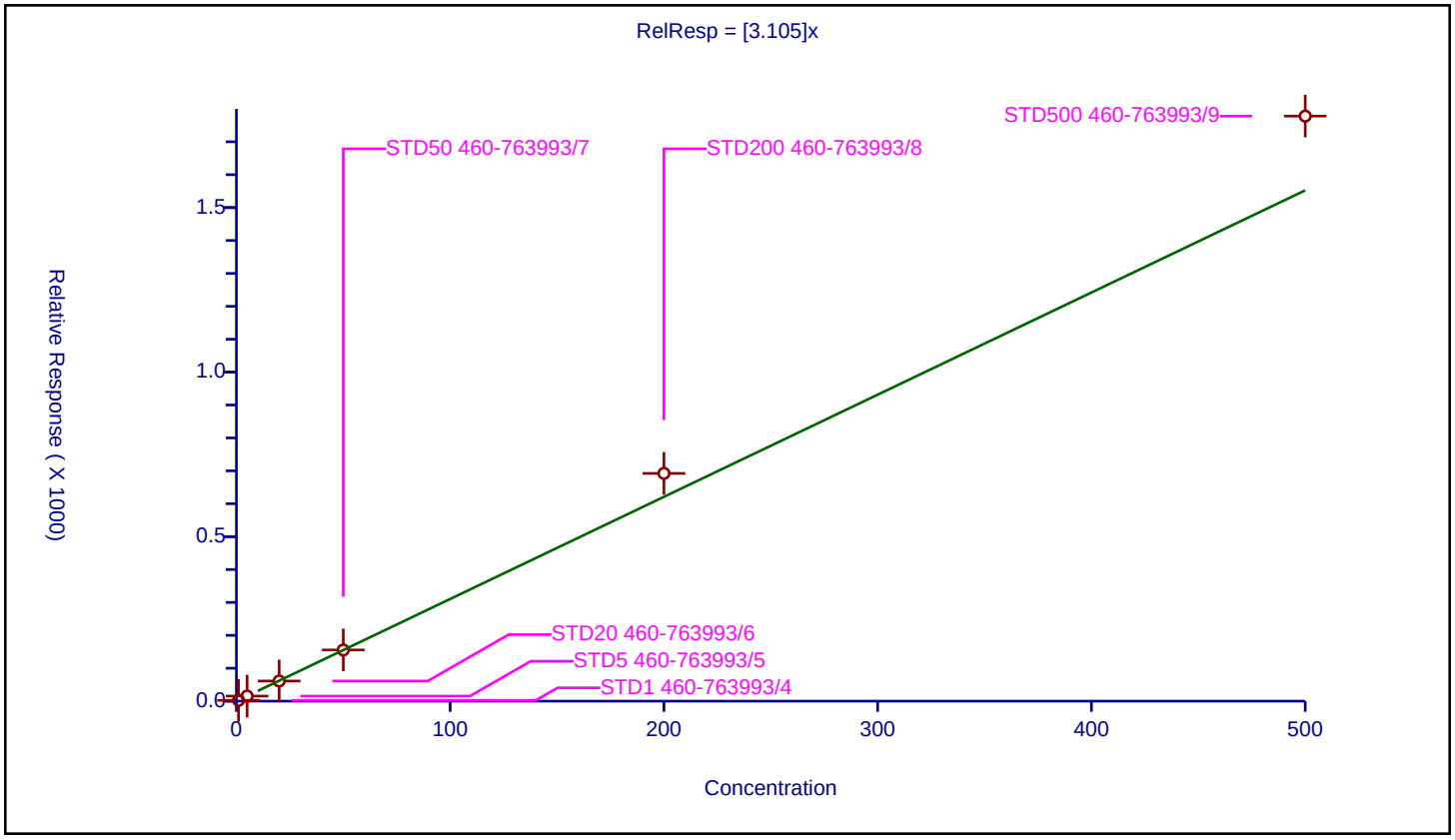
Curve Coefficients

Intercept:	0
Slope:	3.105

Error Coefficients

Standard Error:	6490000
Relative Standard Error:	13.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.356393	50.0	263602.0	2.356393	Y
2	STD5 460-763993/5	5.0	15.42849	50.0	275701.0	3.085698	Y
3	STD20 460-763993/6	20.0	61.174411	50.0	282516.0	3.058721	Y
4	STD50 460-763993/7	50.0	155.530744	50.0	322434.0	3.110615	Y
5	STD200 460-763993/8	200.0	692.160947	50.0	343243.0	3.460805	Y
6	STD500 460-763993/9	500.0	1778.022303	50.0	384260.0	3.556045	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

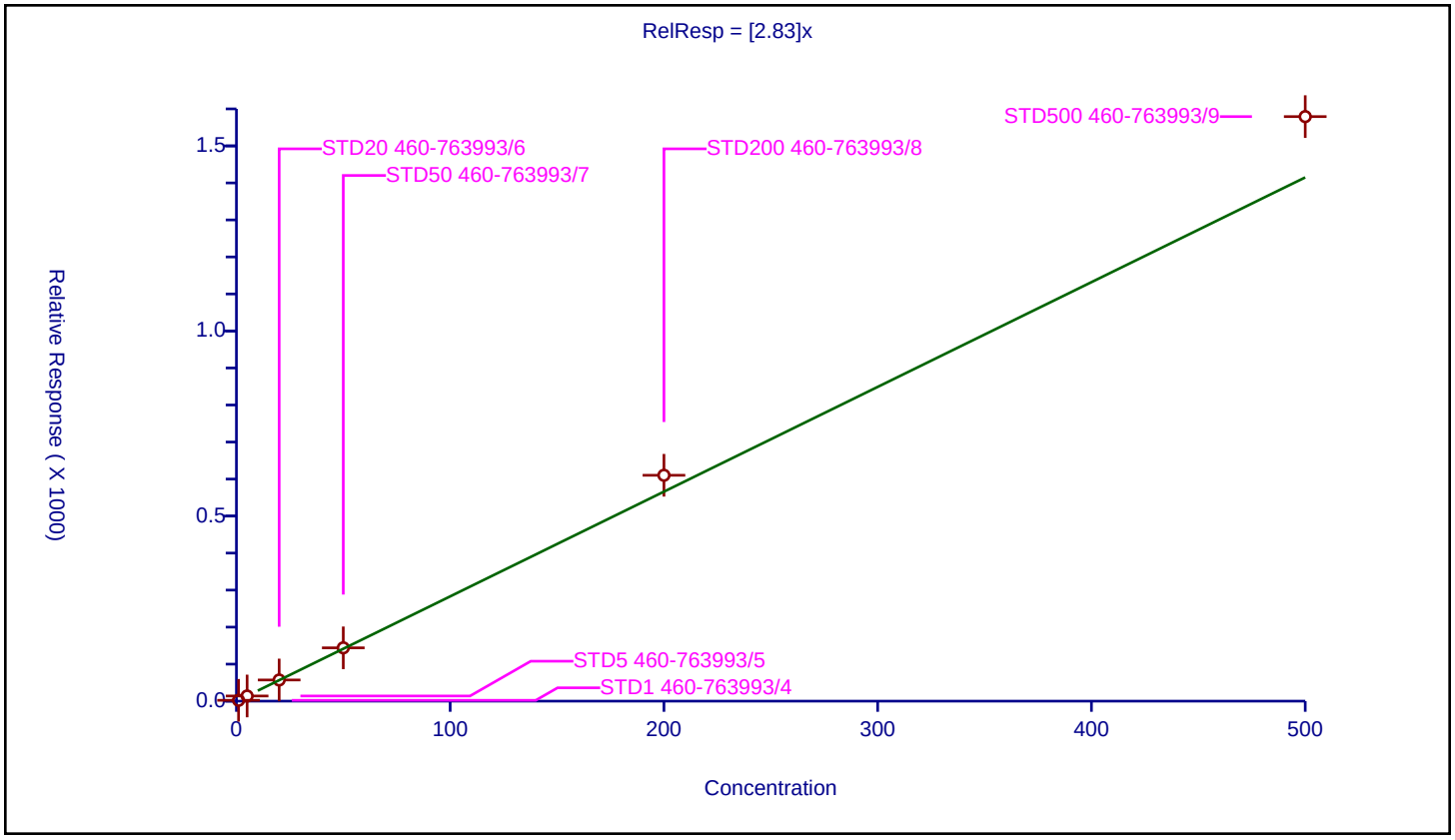
Curve Coefficients

Intercept:	0
Slope:	2.83

Error Coefficients

Standard Error:	5760000
Relative Standard Error:	11.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.252828	50.0	263602.0	2.252828	Y
2	STD5 460-763993/5	5.0	13.891861	50.0	275701.0	2.778372	Y
3	STD20 460-763993/6	20.0	57.138711	50.0	282516.0	2.856936	Y
4	STD50 460-763993/7	50.0	144.05041	50.0	322434.0	2.881008	Y
5	STD200 460-763993/8	200.0	610.233129	50.0	343243.0	3.051166	Y
6	STD500 460-763993/9	500.0	1579.140296	50.0	384260.0	3.158281	Y



Calibration / Benzyl chloride

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

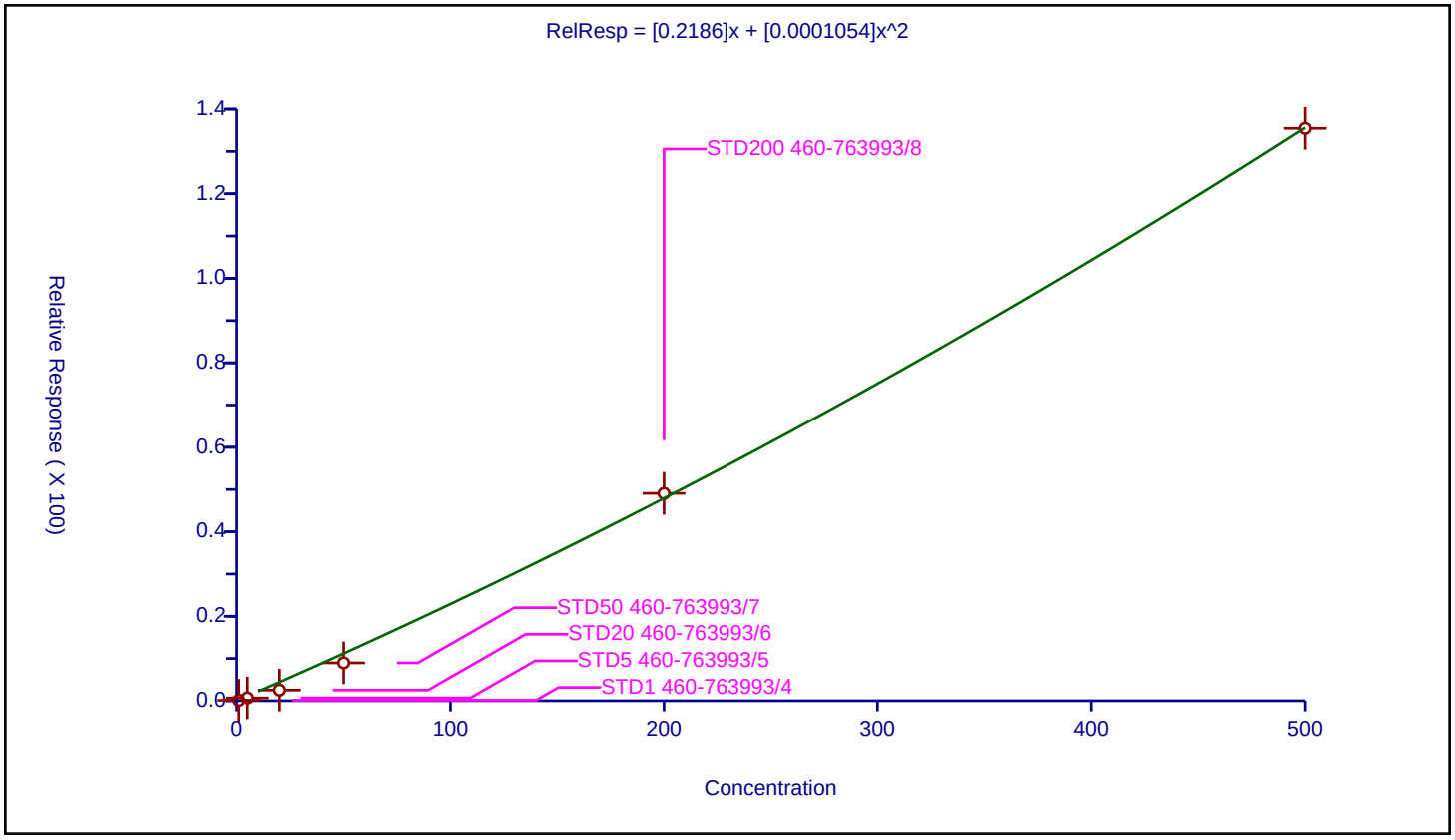
Curve Coefficients

Intercept:	0
Slope:	0.2186
Second Order:	0.0001054

Error Coefficients

Standard Error:	548000
Relative Standard Error:	41.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.096547	50.0	263602.0	0.096547	Y
2	STD5 460-763993/5	5.0	0.665757	50.0	275701.0	0.133151	Y
3	STD20 460-763993/6	20.0	2.514017	50.0	282516.0	0.125701	Y
4	STD50 460-763993/7	50.0	8.966486	50.0	322434.0	0.17933	Y
5	STD200 460-763993/8	200.0	49.084468	50.0	343243.0	0.245422	Y
6	STD500 460-763993/9	500.0	135.462317	50.0	384260.0	0.270925	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

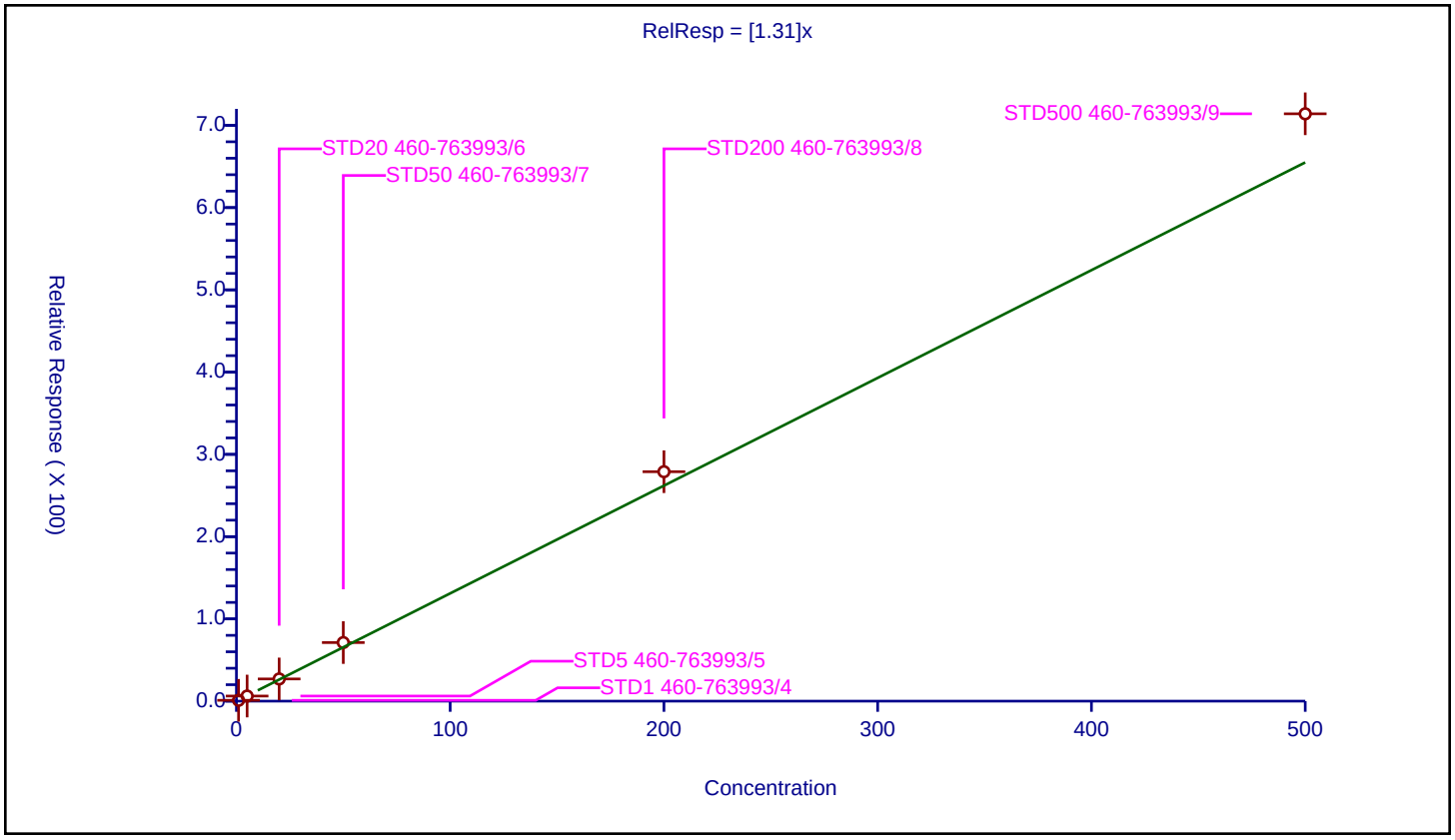
Curve Coefficients

Intercept:	0
Slope:	1.31

Error Coefficients

Standard Error:	5400000
Relative Standard Error:	12.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.021978	50.0	554611.0	1.021978	Y
2	STD5 460-763993/5	5.0	6.203969	50.0	607466.0	1.240794	Y
3	STD20 460-763993/6	20.0	26.990441	50.0	582145.0	1.349522	Y
4	STD50 460-763993/7	50.0	71.203297	50.0	642011.0	1.424066	Y
5	STD200 460-763993/8	200.0	278.922792	50.0	715377.0	1.394614	Y
6	STD500 460-763993/9	500.0	714.056191	50.0	795002.0	1.428112	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

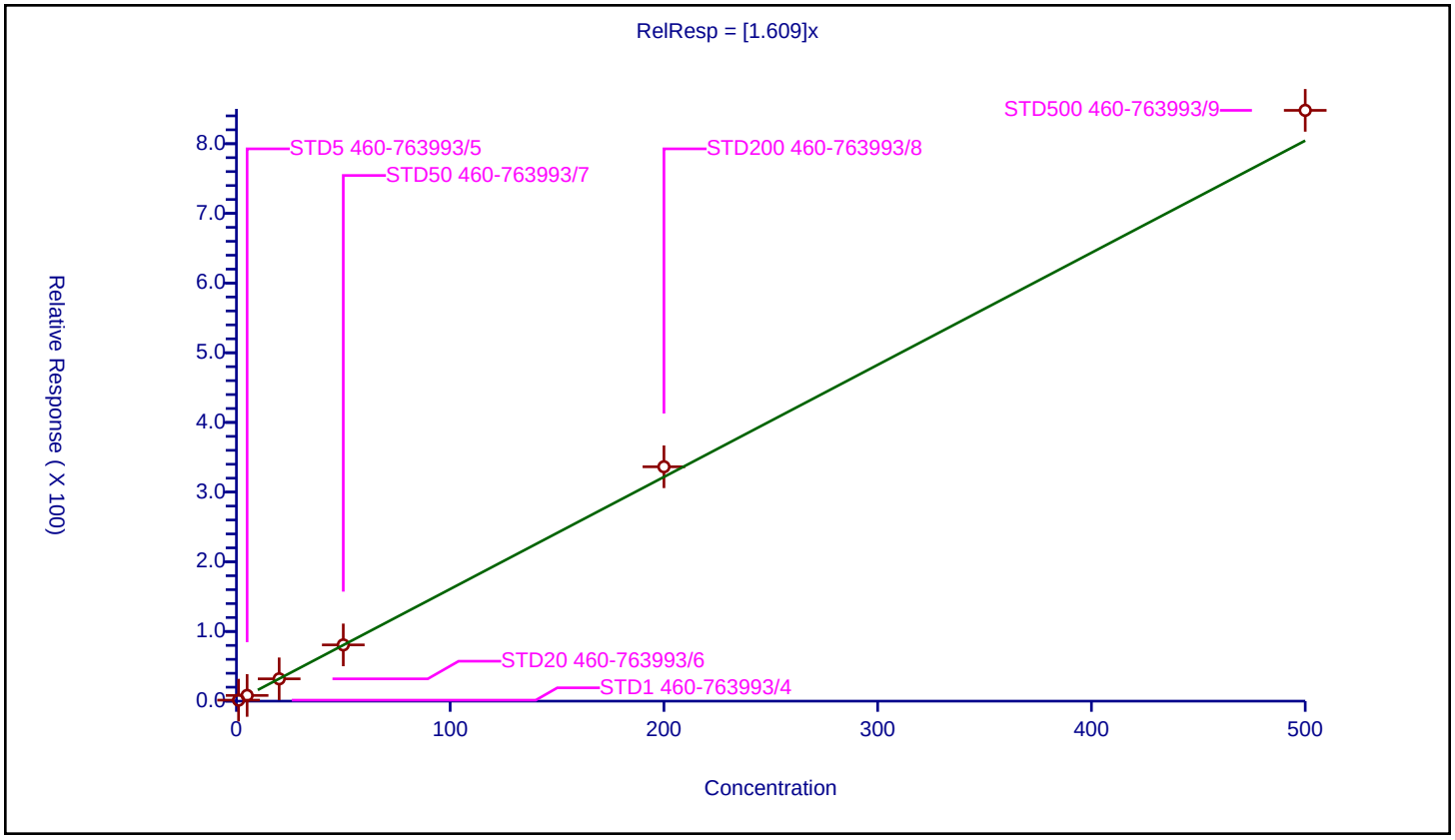
Curve Coefficients

Intercept:	0
Slope:	1.609

Error Coefficients

Standard Error:	3100000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.420323	50.0	263602.0	1.420323	Y
2	STD5 460-763993/5	5.0	8.201095	50.0	275701.0	1.640219	Y
3	STD20 460-763993/6	20.0	32.007391	50.0	282516.0	1.60037	Y
4	STD50 460-763993/7	50.0	80.728149	50.0	322434.0	1.614563	Y
5	STD200 460-763993/8	200.0	336.382534	50.0	343243.0	1.681913	Y
6	STD500 460-763993/9	500.0	847.888539	50.0	384260.0	1.695777	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

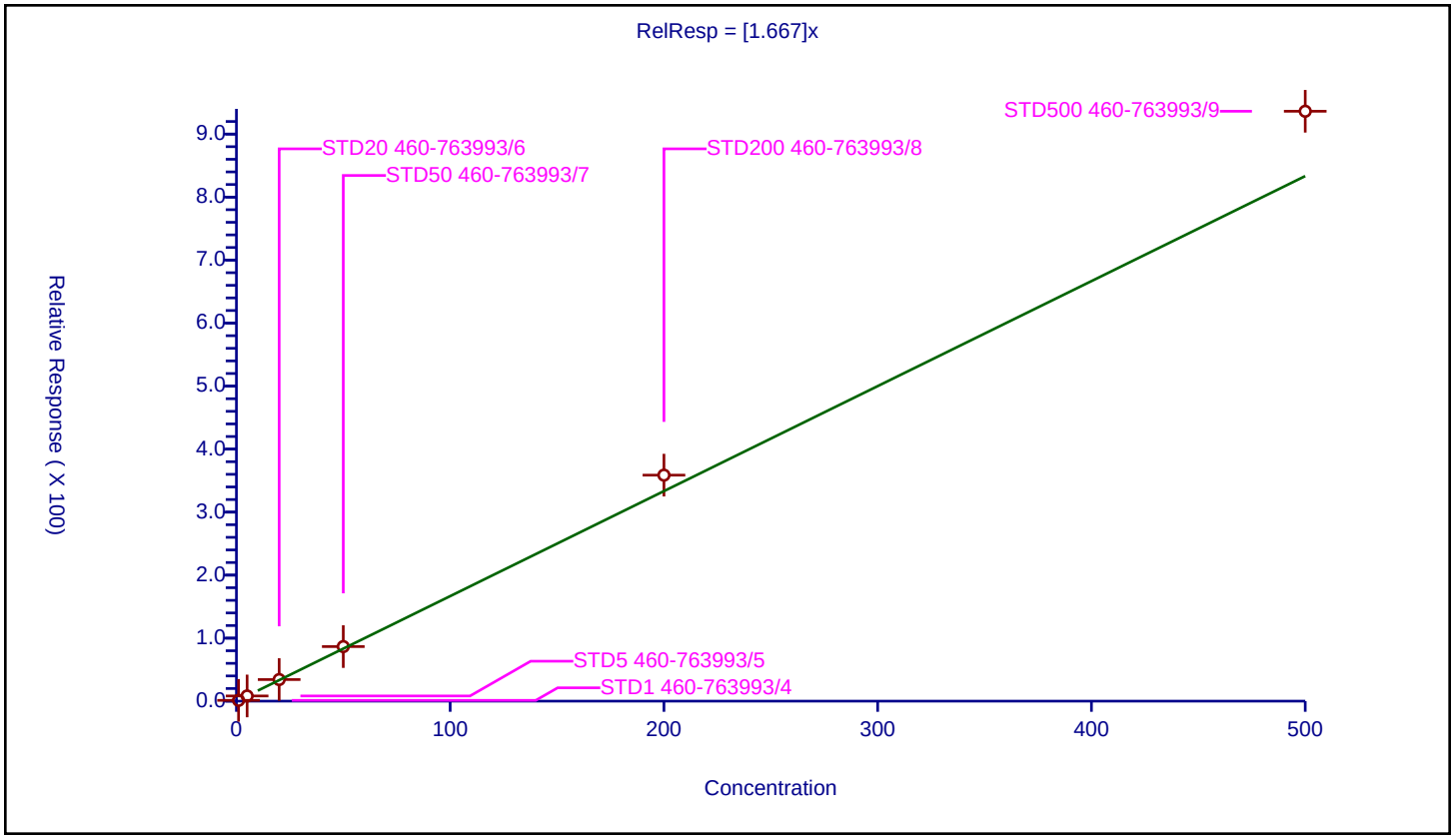
Curve Coefficients

Intercept:	0
Slope:	1.667

Error Coefficients

Standard Error:	3410000
Relative Standard Error:	13.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.243921	50.0	263602.0	1.243921	Y
2	STD5 460-763993/5	5.0	8.22594	50.0	275701.0	1.645188	Y
3	STD20 460-763993/6	20.0	34.262484	50.0	282516.0	1.713124	Y
4	STD50 460-763993/7	50.0	86.590744	50.0	322434.0	1.731815	Y
5	STD200 460-763993/8	200.0	358.704475	50.0	343243.0	1.793522	Y
6	STD500 460-763993/9	500.0	936.221439	50.0	384260.0	1.872443	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

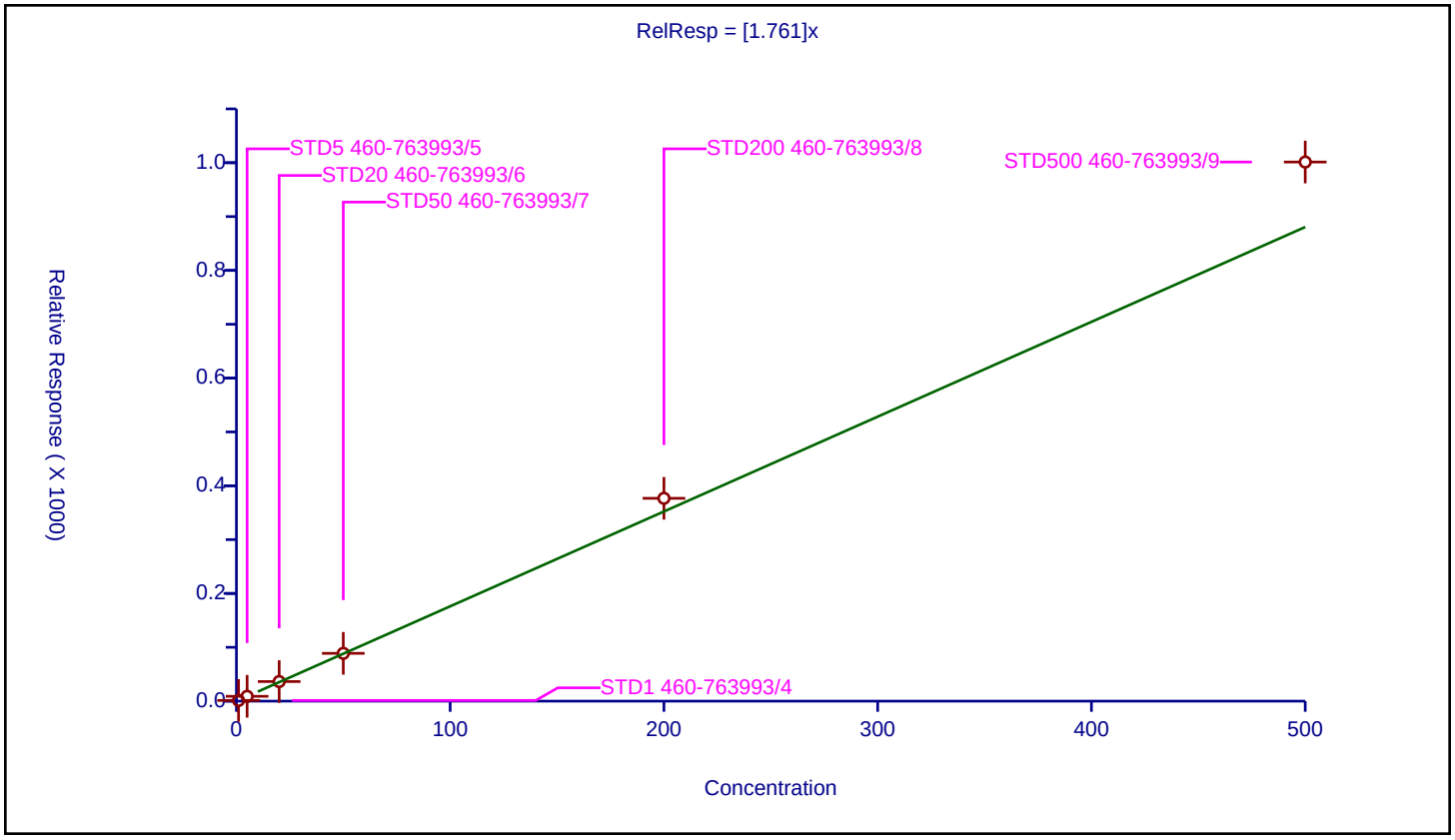
Curve Coefficients

Intercept:	0
Slope:	1.761

Error Coefficients

Standard Error:	3640000
Relative Standard Error:	13.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.288306	50.0	263602.0	1.288306	Y
2	STD5 460-763993/5	5.0	8.991444	50.0	275701.0	1.798289	Y
3	STD20 460-763993/6	20.0	36.368206	50.0	282516.0	1.81841	Y
4	STD50 460-763993/7	50.0	88.784061	50.0	322434.0	1.775681	Y
5	STD200 460-763993/8	200.0	376.71198	50.0	343243.0	1.88356	Y
6	STD500 460-763993/9	500.0	1001.292875	50.0	384260.0	2.002586	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

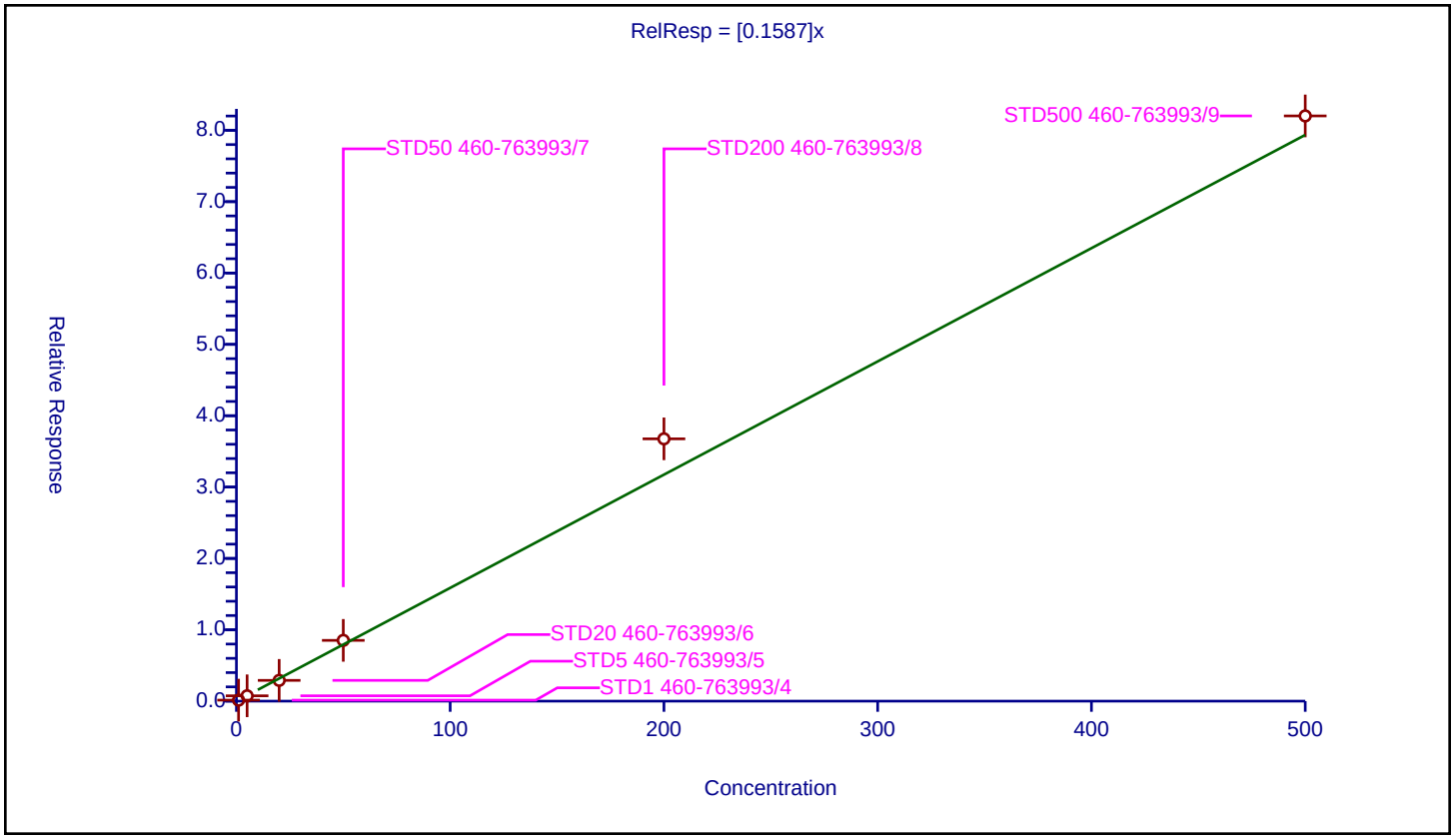
Curve Coefficients

Intercept:	0
Slope:	0.1587

Error Coefficients

Standard Error:	305000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.138846	50.0	263602.0	0.138846	Y
2	STD5 460-763993/5	5.0	0.747912	50.0	275701.0	0.149582	Y
3	STD20 460-763993/6	20.0	2.91134	50.0	282516.0	0.145567	Y
4	STD50 460-763993/7	50.0	8.517092	50.0	322434.0	0.170342	Y
5	STD200 460-763993/8	200.0	36.760546	50.0	343243.0	0.183803	Y
6	STD500 460-763993/9	500.0	82.015953	50.0	384260.0	0.164032	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

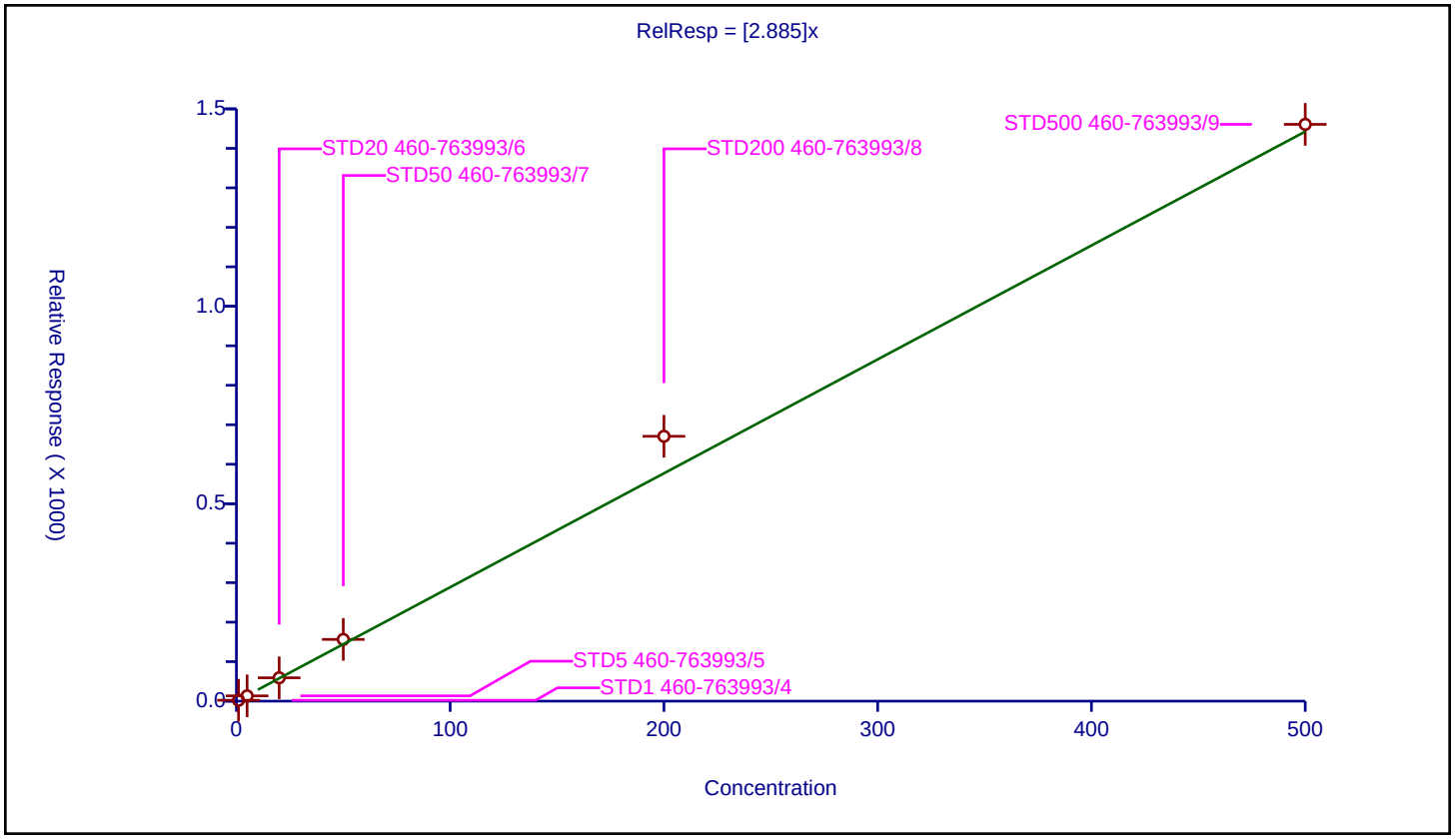
Curve Coefficients

Intercept:	0
Slope:	2.885

Error Coefficients

Standard Error:	5450000
Relative Standard Error:	13.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.274262	50.0	263602.0	2.274262	Y
2	STD5 460-763993/5	5.0	13.393858	50.0	275701.0	2.678772	Y
3	STD20 460-763993/6	20.0	59.112758	50.0	282516.0	2.955638	Y
4	STD50 460-763993/7	50.0	156.303305	50.0	322434.0	3.126066	Y
5	STD200 460-763993/8	200.0	670.811058	50.0	343243.0	3.354055	Y
6	STD500 460-763993/9	500.0	1460.788919	50.0	384260.0	2.921578	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

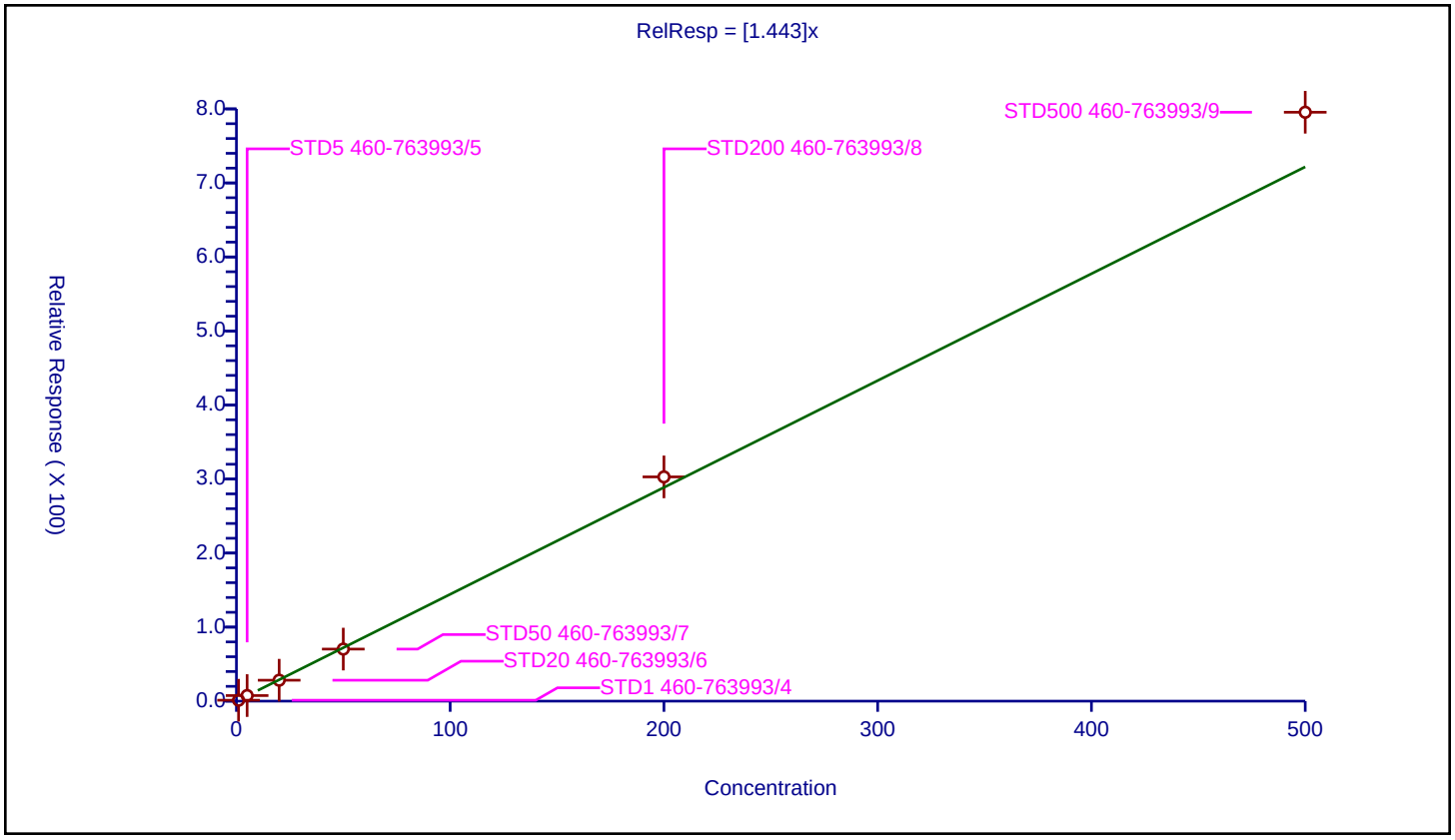
Curve Coefficients

Intercept:	0
Slope:	1.443

Error Coefficients

Standard Error:	2900000
Relative Standard Error:	8.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.224763	50.0	263602.0	1.224763	Y
2	STD5 460-763993/5	5.0	7.548032	50.0	275701.0	1.509606	Y
3	STD20 460-763993/6	20.0	28.27716	50.0	282516.0	1.413858	Y
4	STD50 460-763993/7	50.0	70.316871	50.0	322434.0	1.406337	Y
5	STD200 460-763993/8	200.0	302.917175	50.0	343243.0	1.514586	Y
6	STD500 460-763993/9	500.0	795.453209	50.0	384260.0	1.590906	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

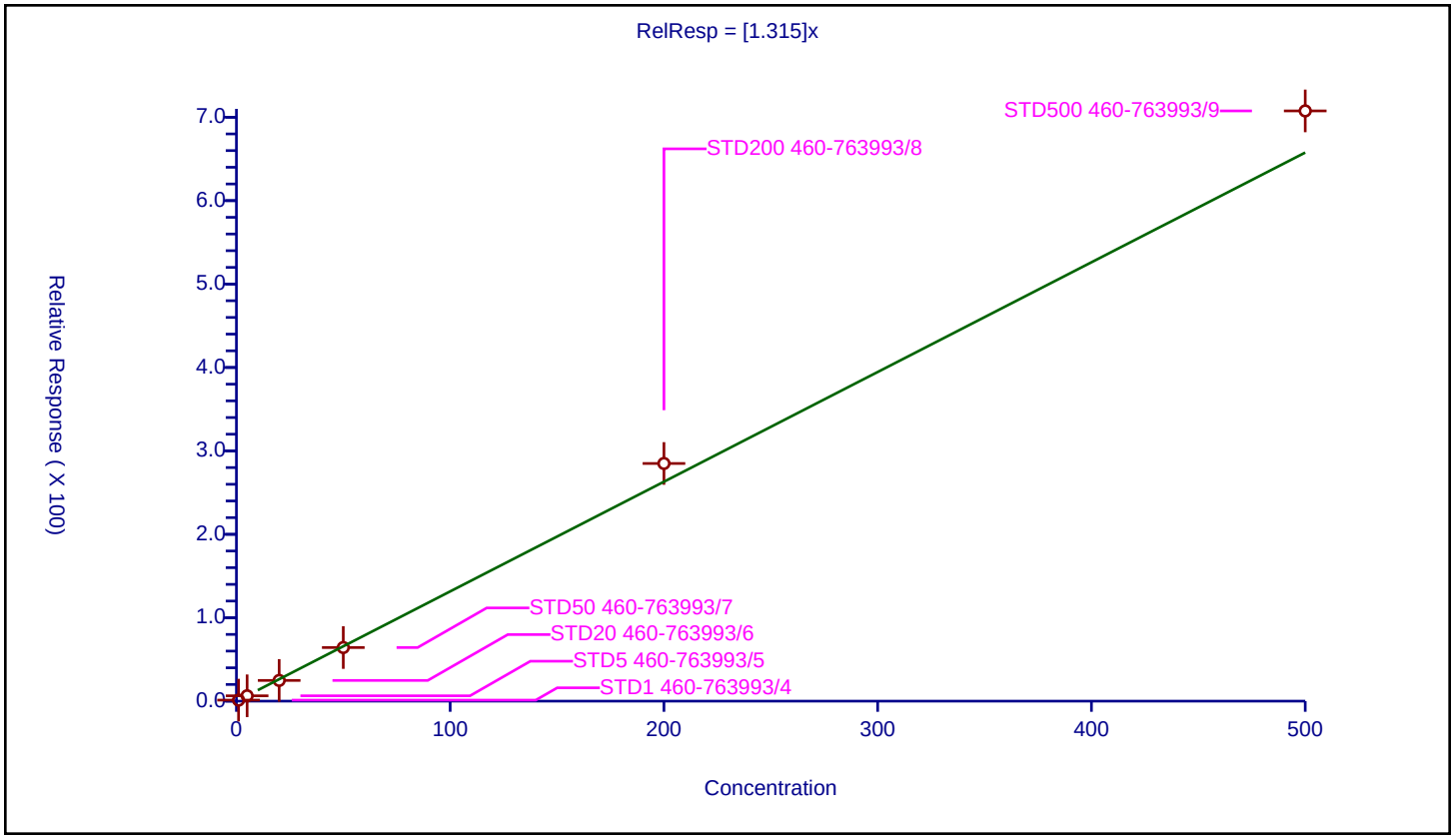
Curve Coefficients

Intercept:	0
Slope:	1.315

Error Coefficients

Standard Error:	2590000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.24449	50.0	263602.0	1.24449	Y
2	STD5 460-763993/5	5.0	6.408029	50.0	275701.0	1.281606	Y
3	STD20 460-763993/6	20.0	24.812931	50.0	282516.0	1.240647	Y
4	STD50 460-763993/7	50.0	64.25501	50.0	322434.0	1.2851	Y
5	STD200 460-763993/8	200.0	284.937493	50.0	343243.0	1.424687	Y
6	STD500 460-763993/9	500.0	707.560376	50.0	384260.0	1.415121	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

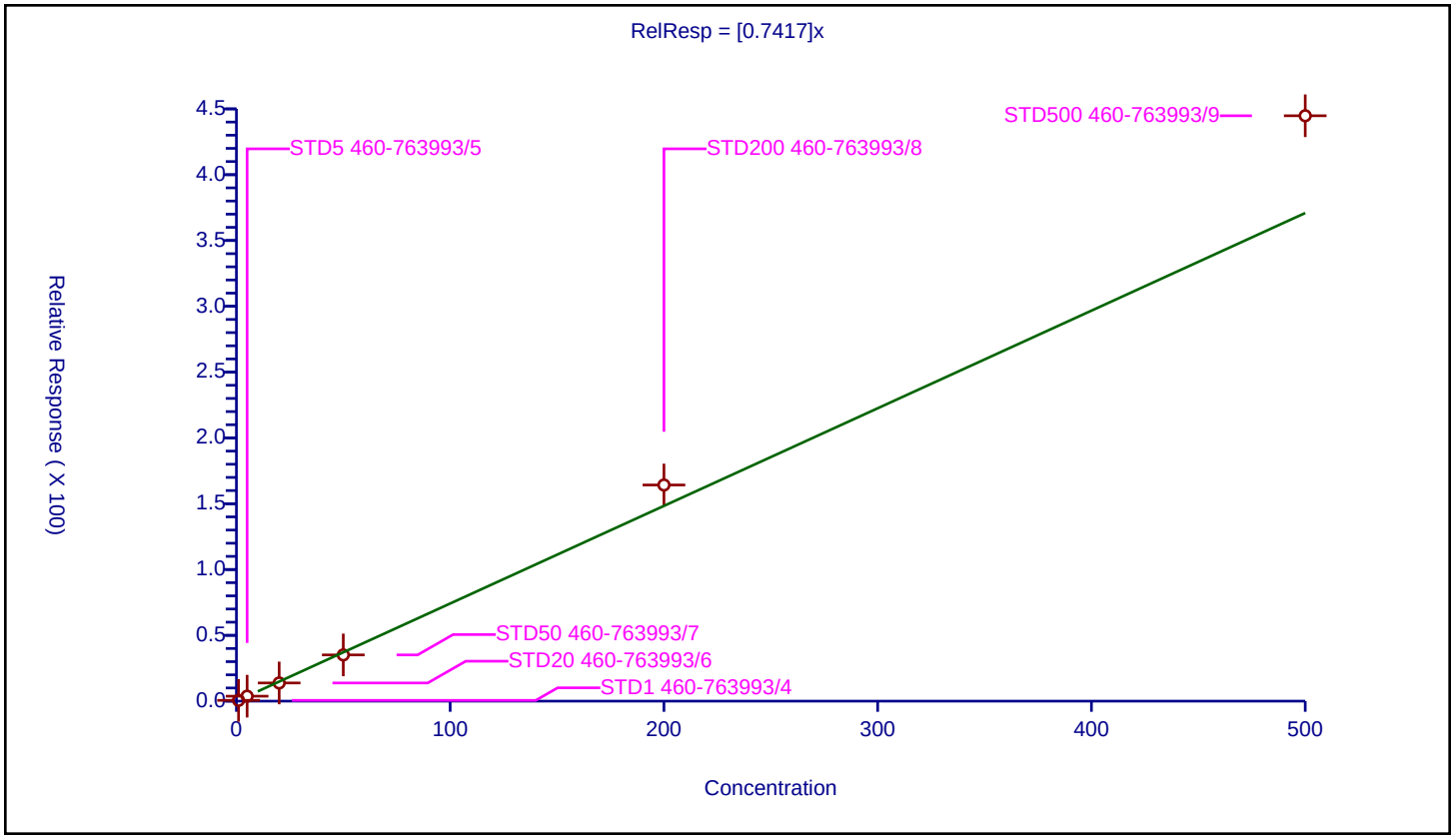
Curve Coefficients

Intercept:	0
Slope:	0.7417

Error Coefficients

Standard Error:	1610000
Relative Standard Error:	14.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.590284	50.0	263602.0	0.590284	Y
2	STD5 460-763993/5	5.0	3.779457	50.0	275701.0	0.755891	Y
3	STD20 460-763993/6	20.0	13.820987	50.0	282516.0	0.691049	Y
4	STD50 460-763993/7	50.0	35.127499	50.0	322434.0	0.70255	Y
5	STD200 460-763993/8	200.0	164.235105	50.0	343243.0	0.821176	Y
6	STD500 460-763993/9	500.0	444.774632	50.0	384260.0	0.889549	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

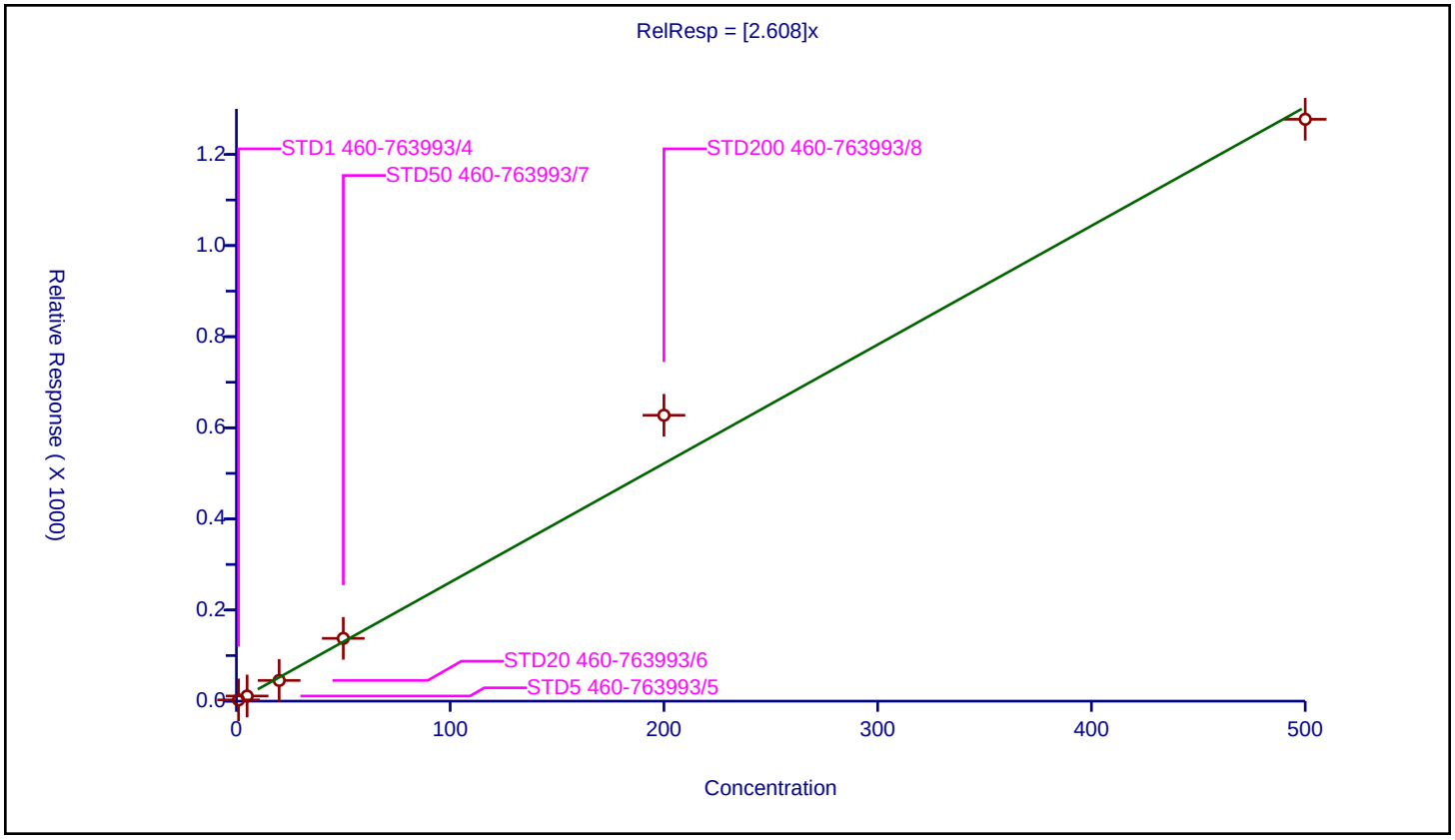
Curve Coefficients

Intercept:	0
Slope:	2.608

Error Coefficients

Standard Error:	4810000
Relative Standard Error:	12.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.675814	50.0	263602.0	2.675814	Y
2	STD5 460-763993/5	5.0	11.278885	50.0	275701.0	2.255777	Y
3	STD20 460-763993/6	20.0	45.436365	50.0	282516.0	2.271818	Y
4	STD50 460-763993/7	50.0	137.745399	50.0	322434.0	2.754908	Y
5	STD200 460-763993/8	200.0	627.488252	50.0	343243.0	3.137441	Y
6	STD500 460-763993/9	500.0	1277.199422	50.0	384260.0	2.554399	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

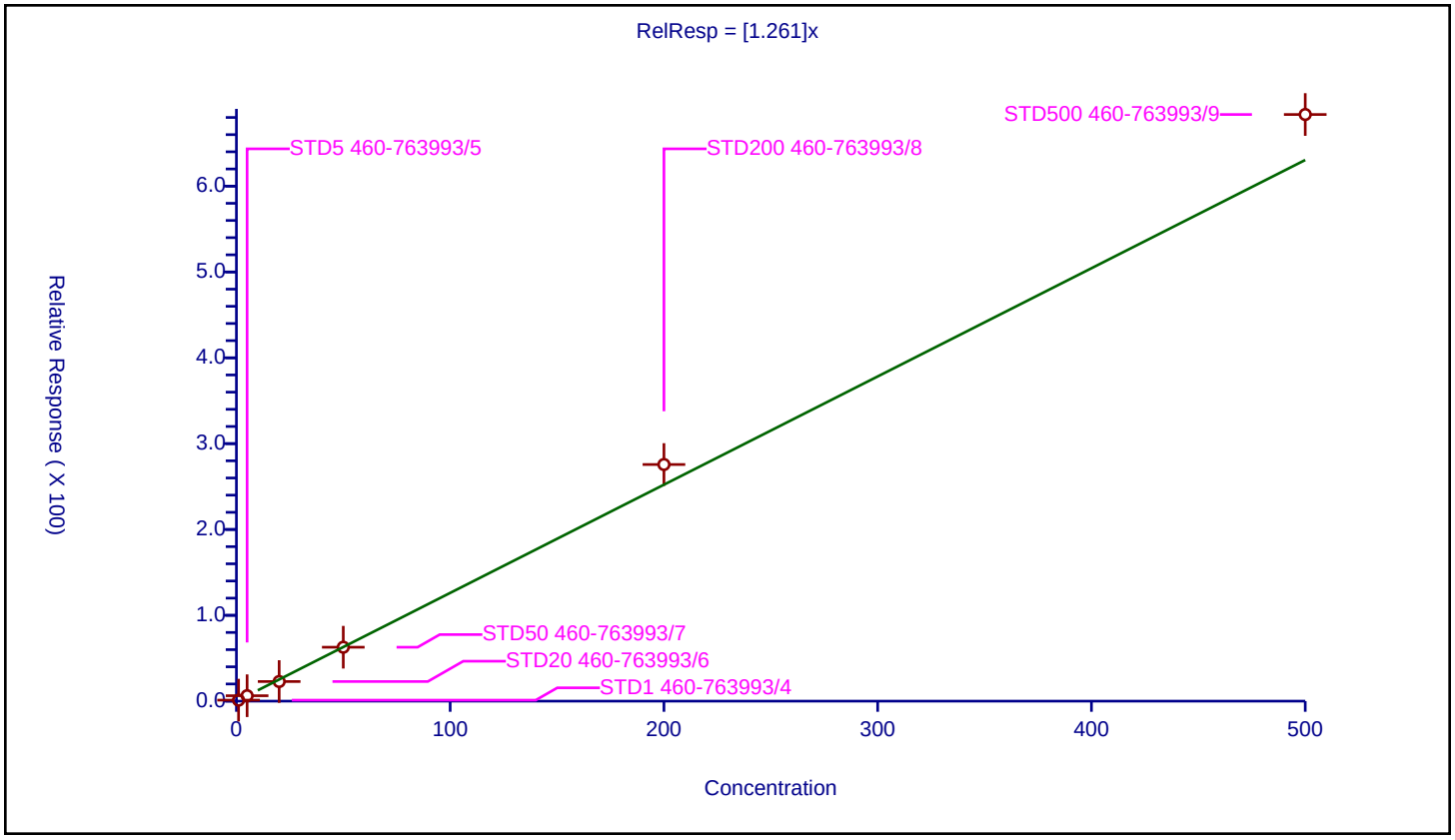
Curve Coefficients

Intercept:	0
Slope:	1.261

Error Coefficients

Standard Error:	2500000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.160082	50.0	263602.0	1.160082	Y
2	STD5 460-763993/5	5.0	6.305744	50.0	275701.0	1.261149	Y
3	STD20 460-763993/6	20.0	22.850387	50.0	282516.0	1.142519	Y
4	STD50 460-763993/7	50.0	62.814716	50.0	322434.0	1.256294	Y
5	STD200 460-763993/8	200.0	275.688943	50.0	343243.0	1.378445	Y
6	STD500 460-763993/9	500.0	683.44103	50.0	384260.0	1.366882	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-768838/3	K24319.D
Level 2	STD5 460-768838/4	K24320.D
Level 3	STD20 460-768838/5	K24321.D
Level 4	STD50 460-768838/6	K24322.D
Level 5	STD200 460-768838/7	K24323.D
Level 6	STD500 460-768838/8	K24324.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.1867 0.1825	0.1889	0.1953	0.1954	0.1612	Ave		0.1850				6.9		20.0			
Dichlorodifluoromethane	0.6212 0.6233	0.7328	0.6911	0.6691	0.6074	Ave		0.6575			0.1000	7.4		20.0			
Chlorodifluoromethane	0.1392 0.0729	0.0807	0.0783	0.0740	0.0622	Lin2	0.0690	0.0698							0.9950		0.9900
Chloromethane	0.9062 0.7327	0.9275	0.8543	0.8200	0.7704	Ave		0.8352			0.1000	9.1		20.0			
Butadiene	0.3773 0.3991	0.4918	0.4511	0.4404	0.4337	Ave		0.4322				9.3		20.0			
Vinyl chloride	0.6287 0.5591	0.7127	0.6520	0.6225	0.5877	Ave		0.6271			0.1000	8.5		20.0			
Bromomethane	0.3682 0.3426	0.4669	0.4047	0.3924	0.3693	Ave		0.3907			0.1000	11.0		20.0			
Chloroethane	0.2439 0.2403	0.2923	0.2831	0.2760	0.2609	Ave		0.2661			0.1000	8.0		20.0			
Dichlorofluoromethane	0.8081 0.6163	0.7861	0.7082	0.6888	0.6492	Ave		0.7095				10.6		20.0			
Pentane	0.7887 1.0042	0.9854	0.9198	0.8085	0.8005	Ave		0.8845				11.0		20.0			
Trichlorofluoromethane	0.5543 0.5141	0.6111	0.5556	0.5294	0.5129	Ave		0.5462			0.1000	6.7		20.0			
Ethyl ether	0.2079 0.1770	0.1913	0.1853	0.1862	0.1767	Ave		0.1874				6.1		20.0			
2-Methyl-1,3-butadiene	0.2058 0.2104	0.2059	0.2053	0.2144	0.2040	Ave		0.2076				1.9		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.2660 0.2582	0.2467	0.2748	0.2709	0.2206	Ave		0.2562				7.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	0.0375 0.0246	0.0553	0.0504	0.0304	0.0335	QuaF		0.0387	-0.000001						0.9980		0.9900
1,1,1-Trifluoro-2,2-dichloroethane	0.4710 0.4247	0.4293	0.4356	0.4424	0.3604	Ave		0.4272				8.6		20.0			
Acrolein	0.7228 0.7729	0.7151	0.6336	0.6035	0.6216	Ave		0.6782				10.0		20.0			
1,1-Dichloroethene	0.3049 0.2422	0.2640	0.2342	0.2490	0.2482	Ave		0.2571			0.1000	9.9		20.0			
Acetone	0.8651 0.7971	0.9520	0.7714	0.7615	0.8648	Ave		0.8353			0.0500	8.7		20.0			
1,1,2-Trichloro-1,2,2-trifluoroeth ane	0.3275 0.3093	0.3467	0.3246	0.3370	0.3338	Ave		0.3298			0.1000	3.8		20.0			
Iodomethane	0.5989 0.5332	0.5766	0.5411	0.5685	0.5556	Ave		0.5623				4.3		20.0			
Isopropyl alcohol	0.4394 0.4806	0.3674	0.2897	0.2310	0.5687	QuaF		0.5674	-0.000017						0.9930		0.9900
Carbon disulfide	1.0204 1.0503	1.1554	1.0488	1.1096	1.0711	Ave		1.0759			0.1000	4.5		20.0			
3-Chloro-1-propene	0.3215 0.2587	0.2993	0.2794	0.2954	0.2802	Ave		0.2891				7.4		20.0			
Methyl acetate	4.1468 4.3717	3.6516	3.5165	3.3665	3.7359	Ave		3.7982			0.1000	10.1		20.0			
Acetonitrile	0.7020 0.5502	0.5825	0.5970	0.5160	0.5969	Ave		0.5908				10.6		20.0			
Cyclopentene	0.7759 0.5823	0.6338	0.6066	0.6313	0.5735	Ave		0.6339				11.6		20.0			
Methylene Chloride	0.3942 0.2902	0.3307	0.3062	0.3129	0.2990	Ave		0.3222			0.1000	11.7		20.0			
Acrylonitrile	0.1045 0.0943	0.0987	0.1004	0.1064	0.0961	Ave		0.1001				4.7		20.0			
2-Methyl-2-propanol	1.2394 0.9757	1.0751	0.9660	0.9409	0.9969	Ave		1.0324				10.8		20.0			
trans-1,2-Dichloroethene	0.3395 0.2330	0.2841	0.2578	0.2610	0.2480	Ave		0.2706			0.1000	13.9		20.0			
Methyl tert-butyl ether	0.9359 0.8357	0.8808	0.8517	0.8977	0.8577	Ave		0.8766			0.1000	4.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexane	0.2604 0.2274	0.2305	0.2300	0.2378	0.2400	Ave		0.2377				5.1		20.0			
1,1-Dichloroethane	0.4900 0.4275	0.4671	0.4539	0.4637	0.4506	Ave		0.4588			0.2000	4.5		20.0			
Vinyl acetate	0.7941 1.0382	0.8847	0.8836	0.8178	0.8749	Ave		0.8822				9.7		20.0			
2-Chloro-1,3-butadiene	0.2361 0.2217	0.2350	0.2281	0.2367	0.2230	Ave		0.2301				2.9		20.0			
Isopropyl ether	1.0128 0.9031	0.9346	0.9026	0.9482	0.8996	Ave		0.9335				4.7		20.0			
Tert-butyl ethyl ether	0.3786 0.3692	0.3489	0.3459	0.3682	0.3598	Ave		0.3618				3.5		20.0			
cis-1,2-Dichloroethene	0.3426 0.2677	0.3086	0.2886	0.2957	0.2831	Ave		0.2977			0.1000	8.7		20.0			
2-Butanone (MEK)	0.3126 0.2766	0.3077	0.2691	0.2679	0.2840	Ave		0.2863			0.0500	6.8		20.0			
2,2-Dichloropropane	0.1779 0.1450	0.1629	0.1484	0.1522	0.1509	Ave		0.1562				7.8		20.0			
Propionitrile	1.0258 1.0499	0.9420	0.8624	0.8385	0.8432	Ave		0.9270				10.1		20.0			
Ethyl acetate	0.2527 0.2040	0.2229	0.2073	0.2006	0.1998	Ave		0.2145				9.6		20.0			
Methyl acrylate	0.2972 0.2843	0.2829	0.2809	0.2870	0.2675	Ave		0.2833				3.4		20.0			
Methacrylonitrile	0.0985 0.1011	0.0958	0.1004	0.1060	0.0971	Ave		0.0998				3.6		20.0			
Chlorobromomethane	0.1777 0.1425	0.1593	0.1529	0.1584	0.1508	Ave		0.1569				7.6		20.0			
Tetrahydrofuran	0.3698 0.3045	0.3349	0.3124	0.3207	0.3148	Ave		0.3262				7.2		20.0			
Chloroform	0.4890 0.4126	0.4590	0.4405	0.4551	0.4347	Ave		0.4485			0.2000	5.8		20.0			
1,1,1-Trichloroethane	0.4875 0.4516	0.4635	0.4414	0.4646	0.4651	Ave		0.4623			0.1000	3.4		20.0			
Cyclohexane	0.4747 0.4961	0.4741	0.4796	0.5048	0.5115	Ave		0.4901			0.1000	3.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	0.3357 0.3267	0.3308	0.3280	0.3437	0.3435	Ave		0.3348				2.2		20.0			
Carbon tetrachloride	0.3642 0.3797	0.3637	0.3548	0.3756	0.3854	Ave		0.3706			0.1000	3.1		20.0			
Benzene	1.3300 1.0979	1.2368	1.1935	1.2303	1.2198	Ave		1.2181			0.5000	6.2		20.0			
Isobutyl alcohol	0.0777 0.0898	0.0840	0.0771	0.0710	0.0829	Ave		0.0804				8.1		20.0			
1,2-Dichloroethane	0.3503 0.2989	0.3203	0.3015	0.3111	0.3032	Ave		0.3142			0.1000	6.1		20.0			
Isooctane	0.9358 1.3153	1.0984	1.1079	1.1845	1.2291	Ave		1.1452				11.4		20.0			
Isopropyl acetate	0.0323 0.0987	0.1020	0.1005	0.1025	0.0954	Lin2	-0.068	0.1031							0.9950		0.9900
Tert-amyl methyl ether	0.9341 0.9878	0.9571	0.9666	1.0414	0.9999	Ave		0.9811				3.8		20.0			
n-Heptane	0.3756 0.4286	0.4031	0.4264	0.4309	0.4429	Ave		0.4179				5.8		20.0			
n-Butanol	0.2030 0.2233	0.1970	0.1881	0.1843	0.2162	Ave		0.2020				7.6		20.0			
Trichloroethene	0.2507 0.2518	0.2476	0.2475	0.2530	0.2587	Ave		0.2515			0.2000	1.7		20.0			
Ethyl acrylate	0.2728 0.2849	0.2634	0.2321	0.2692	0.2445	Ave		0.2612				7.5		20.0			
Methylcyclohexane	0.5243 0.6005	0.5301	0.5435	0.5825	0.6076	Ave		0.5648			0.1000	6.5		20.0			
1,2-Dichloropropane	0.2941 0.2740	0.2753	0.2707	0.2800	0.2788	Ave		0.2788			0.1000	2.9		20.0			
Dibromomethane	0.1709 0.1591	0.1609	0.1594	0.1597	0.1594	Ave		0.1616				2.8		20.0			
1,4-Dioxane	1.0698 0.8980	1.2536	1.1900	1.1448	1.1006	Ave		1.1095				11.0		20.0			
Methyl methacrylate	0.1479 0.1685	0.1518	0.1501	0.1599	0.1531	Ave		0.1552				5.0		20.0			
n-Propyl acetate	0.3084 0.3281	0.3086	0.3176	0.3321	0.3078	Ave		0.3171				3.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorobromomethane	0.3159 0.3325	0.3172	0.3046	0.3191	0.3275	Ave		0.3195			0.2000	3.0		20.0			
2-Nitropropane	0.0613 +++++	0.0387	0.0386	0.0418	0.0431	Lin2	0.0420	0.0394							0.9920		0.9900
2-Chloroethyl vinyl ether	0.1315 0.1555	0.1366	0.1389	0.1428	0.1373	Ave		0.1405				5.9		20.0			
Epichlorohydrin	0.2373 0.2343	0.2352	0.2208	0.2268	0.2308	Ave		0.2309				2.7		20.0			
cis-1,3-Dichloropropene	0.4485 0.4653	0.4611	0.4444	0.4581	0.4710	Ave		0.4581			0.2000	2.2		20.0			
4-Methyl-2-pentanone (MIBK)	2.3204 2.2009	2.3314	2.2791	2.3667	2.3552	Ave		2.3089			0.0500	2.6		20.0			
Toluene	1.4344 1.2088	1.2798	1.2348	1.2846	1.2934	Ave		1.2893			0.4000	6.1		20.0			
trans-1,3-Dichloropropene	0.4107 0.4043	0.3941	0.3831	0.3954	0.4032	Ave		0.3985			0.1000	2.4		20.0			
Ethyl methacrylate	0.3535 0.3606	0.3180	0.3313	0.3611	0.3651	Ave		0.3483				5.5		20.0			
1,1,2-Trichloroethane	0.2187 0.2037	0.2104	0.2058	0.2131	0.2085	Ave		0.2100			0.1000	2.6		20.0			
Tetrachloroethene	0.3496 0.3265	0.3481	0.3335	0.3486	0.3517	Ave		0.3430			0.2000	3.0		20.0			
1,3-Dichloropropane	0.4594 0.4084	0.4088	0.4083	0.4159	0.4143	Ave		0.4192				4.8		20.0			
2-Hexanone	1.4284 1.4096	1.4031	1.3840	1.4015	1.4122	Ave		1.4065			0.0500	1.0		20.0			
Chlorodibromomethane	0.2631 0.2997	0.2635	0.2687	0.2839	0.2985	Ave		0.2796			0.1000	6.1		20.0			
n-Butyl acetate	0.4700 0.4081	0.3831	0.3964	0.4242	0.3940	Ave		0.4126				7.6		20.0			
Ethylene Dibromide	0.2695 0.2540	0.2495	0.2512	0.2620	0.2569	Ave		0.2572			0.1000	2.9		20.0			
Chlorobenzene	0.8406 0.8267	0.8494	0.8354	0.8557	0.8606	Ave		0.8447			0.5000	1.5		20.0			
1,1,1,2-Tetrachloroethane	0.3750 0.3769	0.3644	0.3583	0.3897	0.4009	Ave		0.3775				4.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	0.4628 0.4620	0.4527	0.4611	0.4854	0.4946	Ave		0.4698			0.1000	3.5		20.0			
m-Xylene & p-Xylene	0.6126 0.5690	0.5495	0.5576	0.5946	0.6077	Ave		0.5818			0.1000	4.6		20.0			
o-Xylene	0.5450 0.6237	0.5853	0.6061	0.6634	0.6689	Ave		0.6154			0.3000	7.7		20.0			
Styrene	0.8426 0.9407	0.8499	0.9017	0.9562	0.9661	Ave		0.9095			0.3000	5.9		20.0			
n-Butyl acrylate	0.2038 0.2265	0.1884	0.2114	0.2320	0.2182	Ave		0.2134				7.4		20.0			
Bromoform	0.1843 0.2310	0.1808	0.1915	0.2136	0.2239	Ave		0.2042			0.1000	10.5		20.0			
Amyl acetate (mixed isomers)	0.6902 0.7551	0.7266	0.7538	0.8133	0.7671	Ave		0.7510				5.5		20.0			
Isopropylbenzene	1.4784 1.7152	1.5866	1.6758	1.8319	1.8703	Ave		1.6930			0.1000	8.7		20.0			
Bromobenzene	0.6667 0.5954	0.6716	0.6206	0.6378	0.6461	Ave		0.6397				4.5		20.0			
1,1,2,2-Tetrachloroethane	0.6369 0.6169	0.6436	0.6393	0.6584	0.6615	Ave		0.6428			0.3000	2.5		20.0			
1,2,3-Trichloropropane	0.1802 0.1625	0.1793	0.1704	0.1767	0.1741	Ave		0.1739				3.8		20.0			
trans-1,4-Dichloro-2-butene	0.1721 0.1417	0.1474	0.1419	0.1451	0.1468	Ave		0.1491				7.7		20.0			
N-Propylbenzene	2.7625 2.7549	2.8343	2.8533	3.0055	3.1808	Ave		2.8985				5.7		20.0			
2-Chlorotoluene	1.6606 1.6943	1.7350	1.7169	1.7976	1.8386	Ave		1.7405				3.8		20.0			
4-Ethyltoluene	2.3057 2.3240	2.3688	2.3983	2.5078	2.4373	Ave		2.3903				3.1		20.0			
4-Chlorotoluene	1.7543 1.8216	1.8187	1.8121	1.8636	1.9481	Ave		1.8364				3.5		20.0			
1,3,5-Trimethylbenzene	2.0497 2.3337	2.1644	2.2232	2.3759	2.5507	Ave		2.2829				7.7		20.0			
Butyl Methacrylate	0.5484 0.7207	0.5759	0.6335	0.6920	0.7081	Ave		0.6464				11.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	1.5750 2.0048	1.6692	1.7106	1.8628	2.0744	Ave		1.8161				10.9		20.0			
1,2,4-Trimethylbenzene	2.0755 2.3165	2.1897	2.2527	2.4017	2.5251	Ave		2.2935				6.9		20.0			
sec-Butylbenzene	2.4768 2.8218	2.7924	2.8935	3.1498	3.4262	Ave		2.9267				11.1		20.0			
1,3-Dichlorobenzene	1.2271 1.1888	1.2426	1.2115	1.2326	1.2441	Ave		1.2244			0.6000	1.7		20.0			
4-Isopropyltoluene	2.2678 2.6072	2.4950	2.6227	2.7905	3.0028	Ave		2.6310				9.5		20.0			
1,4-Dichlorobenzene	1.2906 1.1767	1.2975	1.2110	1.2430	1.2357	Ave		1.2424			0.5000	3.7		20.0			
1,2,3-Trimethylbenzene	2.2633 2.5254	2.4229	2.4622	2.6393	2.6845	Ave		2.4996				6.1		20.0			
Benzyl chloride	0.9545 1.2338	1.0236	1.0679	1.1510	1.1596	Ave		1.0984				9.3		20.0			
Indan	2.1814 2.3107	2.2555	2.2908	2.4311	2.3723	Ave		2.3070				3.8		20.0			
1,2-Dichlorobenzene	1.2462 1.2568	1.3200	1.2736	1.3062	1.3113	Ave		1.2857			0.4000	2.4		20.0			
p-Diethylbenzene	1.2908 1.4188	1.2717	1.3449	1.4287	1.3783	Ave		1.3556				4.8		20.0			
n-Butylbenzene	1.1370 1.4278	1.2581	1.3068	1.3857	1.4476	Ave		1.3272				8.9		20.0			
1,2,4,5-Tetramethylbenzene	2.2652 2.5550	2.4182	2.5104	2.7477	2.7846	Ave		2.5469				7.7		20.0			
1,2-Dibromo-3-Chloropropane	0.1758 0.2048	0.1773	0.1797	0.1938	0.1965	Ave		0.1880			0.0500	6.4		20.0			
1,3,5-Trichlorobenzene	1.1702 1.3516	1.2268	1.2126	1.2570	1.2090	Ave		1.2379				5.0		20.0			
1,2,4-Trichlorobenzene	1.1038 1.3256	1.1933	1.1418	1.1954	1.1971	Ave		1.1929			0.2000	6.3		20.0			
Hexachlorobutadiene	0.5467 0.7562	0.5823	0.5723	0.5904	0.6487	Ave		0.6161				12.4		20.0			
Naphthalene	2.5594 2.5321	2.5210	2.6474	2.8344	2.8102	Ave		2.6508				5.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	1.1810 1.3245	1.2109	1.2230	1.2640	1.2646	Ave		1.2447				4.1		20.0			
Dibromofluoromethane (Surr)	0.3623 0.3359	0.3532	0.3427	0.3523	0.3414	Ave		0.3480				2.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3353 0.3286	0.3328	0.3319	0.3305	0.3236	Ave		0.3305				1.2		20.0			
Toluene-d8 (Surr)	1.5805 1.5551	1.5711	1.5381	1.5809	1.5860	Ave		1.5686				1.2		20.0			
4-Bromofluorobenzene	0.5401 0.5558	0.5432	0.5458	0.5639	0.5451	Ave		0.5490				1.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-768838/3	K24319.D
Level 2	STD5 460-768838/4	K24320.D
Level 3	STD20 460-768838/5	K24321.D
Level 4	STD50 460-768838/6	K24322.D
Level 5	STD200 460-768838/7	K24323.D
Level 6	STD500 460-768838/8	K24324.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	2281 1464064	11890	52011	133045	488058	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	7591 5000060	46123	184016	455585	1839122	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Lin2	1701 584506	5079	20838	50374	188334	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	11073 5877489	58383	227473	558319	2332442	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	4611 3201232	30957	120129	299818	1313078	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	7682 4485446	44860	173601	423842	1779366	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4499 2748697	29392	107774	267176	1118079	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2980 1927484	18399	75395	187880	789793	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	9875 4944269	49481	188587	468949	1965533	1.00 500	5.00	20.0	50.0	200
Pentane	TBAd 9	Ave	877 677498	5821	24895	62128	244076	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	6774 4123863	38463	147940	360440	1553029	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	2540 1419486	12041	49341	126802	535057	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	2515 1687778	12961	54660	145944	617796	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	3251 2071357	15528	73181	184446	667892	1.00 500	5.00	20.0	50.0	200
Ethanol	TBAd9	QuaF	833 331515	6531	27303	46795	203996	40.0 20000	200	800	2000	8000
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	5755 3407049	27022	115991	301227	1091215	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	40186 312873	84480	128615	185495	236924	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	3726 1943222	16617	62369	169559	751615	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Ave	5486 3943892	32101	120141	316714	1525297	5.00 2500	25.0	100	250	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	4002 2481316	21821	86437	229471	1010554	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	7319 4277465	36292	144078	387087	1682181	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	QuaF	2443 1621141	10850	39208	88731	867100	10.0 5000	50.0	200	500	2000
Carbon disulfide	FB	Ave	12469 8425330	72729	279262	755471	3243152	1.00 500	5.00	20.0	50.0	200
3-Chloro-1-propene	FB	Ave	3929 2075498	18837	74386	201093	848279	1.00 500	5.00	20.0	50.0	200
Methyl acetate	TBAd9	Ave	4611 2949525	21570	95176	258684	1139146	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	3903 1856153	17205	80797	198233	910090	10.0 5000	50.0	200	500	2000
Cyclopentene	FB	Ave	9481 4670972	39896	161528	429787	1736305	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methylene Chloride	FB	Ave	4817 2328016	20818	81521	213066	905236	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	12770 7561536	62116	267290	724408	2910744	10.0 5000	50.0	200	500	2000
2-Methyl-2-propanol	TBAd9	Ave	6891 3291636	31752	130733	361480	1519934	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	4149 1869074	17885	68639	177677	750763	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	11437 6703616	55444	226799	611195	2596778	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	3182 1823868	14509	61244	161891	726737	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5988 3429624	29399	120853	315722	1364249	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	TBAd9	Ave	883 700469	5226	23915	62840	266786	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	2885 1778567	14793	60735	161143	675130	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	12376 7244633	58826	240347	645571	2723882	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	4626 2961616	21960	92110	250662	1089462	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4187 2147725	19426	76844	201318	857260	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	1982 1368462	10376	41902	111409	500813	5.00 2500	25.0	100	250	1000
2,2-Dichloropropane	FB	Ave	2174 1163207	10256	39510	103647	456842	1.00 500	5.00	20.0	50.0	200
Propionitrile	TBAd9	Ave	5703 3541884	27823	116708	322151	1285544	10.0 5000	50.0	200	500	2000
Ethyl acetate	BUT	Ave	641 403746	3006	12914	33373	140928	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	3632	17804	74810	195383	809787	1.00	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			2280289					500				
Methacrylonitrile	FB	Ave	12035 8107524	60297	267283	721661	2939486	10.0 5000	50.0	200	500	2000
Chlorobromomethane	FB	Ave	2172 1143212	10028	40704	107827	456535	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	BUT	Ave	938 602693	4517	19463	53355	222079	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	5976 3310143	28894	117287	309823	1316259	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5957 3622433	29174	117524	316323	1408310	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	5801 3979431	29840	127704	343670	1548685	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4102 2621013	20824	87351	234014	1040066	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4450 3045643	22896	94480	255721	1166901	1.00 500	5.00	20.0	50.0	200
Benzene	CBNZ d5	Ave	13485 8022601	66330	274288	720353	3164484	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd 9	Ave	1080 757403	6206	26072	68221	315980	25.0 12500	125	500	1250	5000
1,2-Dichloroethane	FB	Ave	4280 2397942	20162	80285	211842	918047	1.00 500	5.00	20.0	50.0	200
Isooctane	FB	Ave	11435 10551270	69136	295017	806463	3721275	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Lin2	395 792019	6423	26768	69756	288792	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	11414 7924108	60243	257389	709001	3027449	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	4590 3438035	25374	113537	293375	1340856	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd 9	Ave	2822 1883250	14545	63653	177010	824004	25.0 12500	125	500	1250	5000

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	3063 2019822	15584	65903	172241	783300	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	3334 2285626	16582	61792	183313	740143	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	6407 4816990	33369	144733	396609	1839585	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3594 2197825	17331	72093	190640	844124	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2088 1276473	10129	42444	108717	482667	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	Ave	897 413201	5558	23228	57294	234208	20.0 10000	100	400	1000	4000
Methyl methacrylate	FB	Ave	3614 2703822	19114	79922	217778	927198	2.00 1000	10.0	40.0	100	400
n-Propyl acetate	FB	Ave	3769 2631654	19425	84570	226100	931943	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	3860 2667273	19965	81116	217227	991699	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Lin2	1499 +++++	4874	20533	56933	261027	2.00 +++++	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1611 1250762	8620	37085	97468	416726	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	6020 4636329	31727	137533	377336	1628298	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	4547 3400278	24730	102124	268214	1221886	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	14714 10889261	78615	354932	984250	4153857	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	14543 8833388	68638	283770	752110	3355483	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	4164 2954015	21133	88038	231500	1046113	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethyl methacrylate	CBNZ d5	Ave	3584 2634926	17052	76149	211417	947301	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	2217 1488774	11286	47289	124780	540783	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZ d5	Ave	3544 2386138	18669	76649	204098	912495	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZ d5	Ave	4658 2984399	21926	93822	243523	1074857	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	9058 6974033	47315	215537	582859	2490728	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZ d5	Ave	2667 2189943	14131	61761	166225	774448	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZ d5	Ave	4765 2982169	20544	91095	248339	1022194	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	2732 1856096	13379	57739	153396	666385	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	8523 6041143	45553	191986	500992	2232706	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	3802 2753894	19544	82344	228190	1039930	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	4692 3376356	24277	105975	284183	1283105	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	6211 4158127	29469	128138	348137	1576571	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
o-Xylene	CBNZ d5	Ave	5526 4557380	31390	139291	388427	1735332	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Ave	8543 6874140	45581	207219	559853	2506308	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	Ave	2066 1654916	10103	48594	135808	566101	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZ d5	Ave	1869 1687936	9698	44002	125088	580936	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	Ave	4300 3666530	24005	112321	314497	1251751	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	14989 12533703	85089	385126	1072586	4852118	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	4154 2890814	22188	92465	246636	1054322	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	3968 2995214	21262	95263	254585	1079389	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	1123 789181	5923	25391	68320	284006	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1072 687878	4868	21137	56093	239466	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	17211 13376477	93634	425145	1162196	5190171	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	10346 8226685	57317	255817	695122	3000109	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Ethyltoluene	DCBd 4	Ave	14365 11283967	78256	357350	969751	3976943	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	10930 8844540	60081	270001	720631	3178846	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	12770 11331403	71502	331259	918745	4162042	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd 4	Ave	3417 3499351	19026	94399	267574	1155433	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	9813 9734238	55144	254884	720351	3384797	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	12931 11247859	72337	335647	928730	4120245	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	15431 13701030	92250	431133	1218026	5590621	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	7645 5772046	41049	180519	476651	2030013	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	14129 12659410	82423	390787	1079085	4899752	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	8041 5713608	42865	180437	480677	2016378	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	14101 12261976	80041	366874	1020602	4380423	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	Ave	5947 5990681	33815	159121	445102	1892078	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Indan	DCBd 4	Ave	13591 11219563	74513	341337	940101	3870994	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	7764 6102311	43607	189763	505109	2139673	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	8042 6889144	42013	200394	552474	2249019	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCBd 4	Ave	7084 6932716	41562	194711	535853	2362148	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	14113 12405703	79887	374052	1062518	4543779	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1095 994286	5857	26772	74938	320650	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	7291 6562519	40527	180678	486060	1972818	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	6877 6436655	39423	170132	462259	1953319	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	3406 3671780	19236	85268	228289	1058450	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Ave	15946 12294665	83284	394467	1096061	4585437	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	7358 6431084	40002	182223	488775	2063523	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	221359 269437	222311	228162	239851	258401	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	204874	209477	220952	225023	244956	50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			263583					50.0				
Toluene-d8 (Surr)	CBNZ d5	Ave	801237 1136368	842567	883684	925602	1028625	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	273773 406180	291338	313555	330169	353536	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 768838

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/01/2021 11:50 Calibration End Date: 04/01/2021 13:48 Calibration ID: 84411

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-768838/3	K24319.D
Level 2	STD5 460-768838/4	K24320.D
Level 3	STD20 460-768838/5	K24321.D
Level 4	STD50 460-768838/6	K24322.D
Level 5	STD200 460-768838/7	K24323.D
Level 6	STD500 460-768838/8	K24324.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Chlorodifluoromethane	0.5						30					
Isopropyl acetate	-2.5						30					
2-Nitropropane	2.5					+++++	30					

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 01-Apr-2021 11:50:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0126371-003
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 10:12:24 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: baronm Date: 01-Apr-2021 16:48:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.021	0.999	0.022	27	433	NC	NC	a
2 Chlorotrifluoroethene	116	1.076	1.070	0.006	53	2281	1.00	1.01	
3 1,1-Difluoroethane	65	1.076	1.070	0.006	90	3913	NC	NC	a
4 Dichlorodifluoromethane	85	1.103	1.087	0.016	60	7591	1.00	0.9448	M
5 Chlorodifluoromethane	67	1.114	1.103	0.011	94	1701	1.00	1.00	M
6 Chloromethane	50	1.239	1.228	0.011	98	11073	1.00	1.08	
7 Butadiene	54	1.272	1.267	0.005	86	4611	1.00	0.8730	
8 Vinyl chloride	62	1.310	1.294	0.016	97	7682	1.00	1.00	
9 Bromomethane	94	1.512	1.496	0.016	94	4499	1.00	0.9423	M
10 Chloroethane	64	1.539	1.518	0.021	52	2980	1.00	0.9166	M
11 Dichlorofluoromethane	67	1.681	1.676	0.005	99	9875	1.00	1.14	
13 Pentane	72	1.741	1.719	0.022	96	877	2.00	1.78	
12 Trichlorofluoromethane	101	1.747	1.741	0.006	90	6774	1.00	1.01	M
15 Ethyl ether	59	1.883	1.872	0.011	97	2540	1.00	1.11	
14 Ethanol	46	1.921	1.878	0.043	65	833	40.0	38.8	M
16 2-Methyl-1,3-butadiene	53	1.911	1.894	0.016	89	2515	1.00	0.99	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.938	1.916	0.022	79	3251	1.00	1.04	M
19 Acrolein	56	1.976	1.965	0.011	93	40186	100.0	106.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.971	1.970	0.001	44	5755	1.00	1.10	Ma
21 1,1-Dichloroethene	96	2.063	2.052	0.011	93	3726	1.00	1.19	M
22 Acetone	43	2.112	2.090	0.022	85	5486	5.00	5.18	Ma
20 112TCTFE	101	2.107	2.107	0.000	88	4002	1.00	0.99	
23 Iodomethane	142	2.189	2.178	0.011	98	7319	1.00	1.07	
24 Isopropyl alcohol	45	2.243	2.221	0.022	26	2443	10.0	7.75	M
25 Carbon disulfide	76	2.232	2.227	0.005	99	12469	1.00	0.9484	M
26 3-Chloro-1-propene	39	2.352	2.347	0.005	91	3929	1.00	1.11	
27 Methyl acetate	43	2.374	2.363	0.011	76	4611	2.00	2.18	
29 Acetonitrile	41	2.418	2.407	0.011	28	3903	10.0	11.9	Ma
28 Cyclopentene	67	2.423	2.418	0.005	93	9481	1.00	1.22	
31 Methylene Chloride	84	2.456	2.451	0.005	92	4817	1.00	1.22	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.576	2.571	0.005	96	555976	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.669	2.647	0.022	37	6891	10.0	12.0	M
35 Acrylonitrile	53	2.669	2.663	0.006	94	12770	10.0	10.4	
34 trans-1,2-Dichloroethene	96	2.696	2.691	0.005	92	4149	1.00	1.25	
33 Methyl tert-butyl ether	73	2.724	2.707	0.017	98	11437	1.00	1.07	
36 Hexane	43	2.953	2.953	0.000	93	3182	1.00	1.10	
38 1,1-Dichloroethane	63	3.084	3.073	0.011	97	5988	1.00	1.07	M
39 Vinyl acetate	86	3.138	3.138	0.000	99	883	2.00	1.80	
40 2-Chloro-1,3-butadiene	88	3.171	3.165	0.006	77	2885	1.00	1.03	
37 Isopropyl ether	45	3.171	3.165	0.006	88	12376	1.00	1.08	
41 Tert-butyl ethyl ether	87	3.531	3.520	0.011	89	4626	1.00	1.05	
* 42 2-Butanone-d5	46	3.597	3.602	-0.005	97	317063	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.646	3.651	-0.005	95	4187	1.00	1.15	
46 2-Butanone (MEK)	72	3.657	3.656	0.001	81	1982	5.00	5.46	
43 2,2-Dichloropropane	79	3.673	3.662	0.011	45	2174	1.00	1.14	Ma
48 Propionitrile	54	3.744	3.733	0.011	30	5703	10.0	11.1	a
45 Ethyl acetate	70	3.744	3.738	0.006	91	641	2.00	2.36	
47 Methyl acrylate	55	3.777	3.749	0.028	74	3632	1.00	1.05	a
51 Methacrylonitrile	67	3.880	3.880	0.000	90	12035	10.0	9.87	
50 Chlorobromomethane	128	3.902	3.891	0.011	82	2172	1.00	1.13	
49 Tetrahydrofuran	72	3.962	3.951	0.011	29	938	2.00	2.27	M
52 Chloroform	83	3.995	3.989	0.006	98	5976	1.00	1.09	
$ 55 Dibromofluoromethane (Surr)	113	4.159	4.158	0.001	98	221359	50.0	52.1	
54 1,1,1-Trichloroethane	97	4.186	4.180	0.006	96	5957	1.00	1.05	M
53 Cyclohexane	84	4.262	4.257	0.005	89	5801	1.00	0.9686	
57 1,1-Dichloropropene	75	4.366	4.355	0.011	97	4102	1.00	1.00	a
56 Carbon tetrachloride	117	4.371	4.366	0.005	88	4450	1.00	0.9827	M
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.513	4.519	-0.006	0	204874	50.0	50.7	
58 Isobutyl alcohol	74	4.590	4.579	0.011	31	1080	25.0	24.2	a
60 Benzene	78	4.590	4.584	0.006	92	13485	1.00	1.09	
64 1,2-Dichloroethane	62	4.611	4.600	0.011	95	4280	1.00	1.11	M
59 Isooctane	57	4.704	4.710	-0.006	96	11435	1.00	0.8172	
62 Isopropyl acetate	61	4.742	4.731	0.011	71	395	1.00	0.9755	a
63 Tert-amyl methyl ether	73	4.753	4.748	0.005	91	11414	1.00	0.9520	a
* 66 Fluorobenzene	96	4.912	4.911	0.001	99	610989	50.0	50.0	
65 n-Heptane	43	4.944	4.933	0.011	36	4590	1.00	0.8988	a
68 n-Butanol	56	5.359	5.342	0.017	40	2822	25.0	25.1	Ma
69 Trichloroethene	95	5.348	5.348	0.000	96	3063	1.00	1.00	
70 Ethyl acrylate	55	5.528	5.528	0.000	53	3334	1.00	1.04	
71 Methylcyclohexane	83	5.610	5.593	0.017	90	6407	1.00	0.9284	
72 1,2-Dichloropropane	63	5.621	5.615	0.006	72	3594	1.00	1.05	
* 73 1,4-Dioxane-d8	96	5.752	5.746	0.006	99	41924	1000.0	1000.0	
77 Dibromomethane	93	5.757	5.763	-0.006	75	2088	1.00	1.06	
75 1,4-Dioxane	88	5.801	5.812	-0.011	25	897	20.0	19.3	M
74 Methyl methacrylate	69	5.828	5.823	0.005	93	3614	2.00	1.91	
76 n-Propyl acetate	43	5.926	5.921	0.005	88	3769	1.00	0.9727	
78 Dichlorobromomethane	83	5.986	5.986	0.000	98	3860	1.00	0.9888	
79 2-Nitropropane	41	6.292	6.281	0.011	68	1499	2.00	2.05	M
67 2-Chloroethyl vinyl ether	63	6.428	6.423	0.005	45	1611	1.00	0.9386	
80 Epichlorohydrin	57	6.477	6.472	0.005	99	6020	20.0	20.6	
81 cis-1,3-Dichloropropene	75	6.598	6.587	0.011	91	4547	1.00	0.9791	
82 4-Methyl-2-pentanone (MIBK)	43	6.832	6.838	-0.006	97	14714	5.00	5.02	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.947	6.947	0.000	99	801237	50.0	50.4	
84 Toluene	91	7.039	7.034	0.005	94	14543	1.00	1.11	
85 trans-1,3-Dichloropropene	75	7.383	7.378	0.005	96	4164	1.00	1.03	
86 Ethyl methacrylate	69	7.585	7.580	0.005	94	3584	1.00	1.02	
87 1,1,2-Trichloroethane	83	7.623	7.629	-0.006	91	2217	1.00	1.04	M
88 Tetrachloroethene	166	7.814	7.814	0.000	96	3544	1.00	1.02	
89 1,3-Dichloropropane	76	7.869	7.863	0.006	91	4658	1.00	1.10	
90 2-Hexanone	43	8.054	8.054	0.000	95	9058	5.00	5.08	
92 Chlorodibromomethane	129	8.180	8.180	0.000	97	2667	1.00	0.9409	
91 n-Butyl acetate	43	8.300	8.300	0.000	97	4765	1.00	1.14	a
93 Ethylene Dibromide	107	8.316	8.316	0.000	94	2732	1.00	1.05	
* 94 Chlorobenzene-d5	117	9.053	9.053	0.000	85	506936	50.0	50.0	
95 Chlorobenzene	112	9.097	9.096	0.001	94	8523	1.00	1.00	
97 1,1,1,2-Tetrachloroethane	131	9.249	9.255	-0.006	91	3802	1.00	0.99	
96 Ethylbenzene	106	9.309	9.315	-0.006	98	4692	1.00	0.9851	
98 m-Xylene & p-Xylene	106	9.506	9.511	-0.005	0	6211	1.00	1.05	
100 o-Xylene	106	10.062	10.068	-0.006	93	5526	1.00	0.8857	
101 Styrene	104	10.084	10.090	-0.006	96	8543	1.00	0.9264	
99 n-Butyl acrylate	73	10.128	10.128	0.000	97	2066	1.00	0.9550	
103 Bromoform	173	10.281	10.281	0.001	97	1869	1.00	0.9028	
102 Amyl acetate (mixed isomers)	43	10.428	10.428	0.000	94	4300	1.00	0.9190	
104 Isopropylbenzene	105	10.542	10.542	0.000	95	14989	1.00	0.8732	
$ 105 4-Bromofluorobenzene	174	10.690	10.695	-0.005	97	273773	50.0	49.2	
106 Bromobenzene	156	10.826	10.826	0.000	93	4154	1.00	1.04	
107 1,1,2,2-Tetrachloroethane	83	10.897	10.892	0.005	95	3968	1.00	0.99	
109 1,2,3-Trichloropropane	110	10.919	10.913	0.006	96	1123	1.00	1.04	
110 trans-1,4-Dichloro-2-butene	53	10.957	10.952	0.005	89	1072	1.00	1.15	
108 N-Propylbenzene	91	10.995	11.001	-0.006	100	17211	1.00	0.9531	
111 2-Chlorotoluene	91	11.055	11.055	0.000	97	10346	1.00	0.9541	
112 4-Ethyltoluene	105	11.121	11.121	0.000	99	14365	1.00	0.9646	
114 4-Chlorotoluene	91	11.175	11.170	0.005	96	10930	1.00	0.9553	
113 1,3,5-Trimethylbenzene	105	11.192	11.192	0.000	92	12770	1.00	0.8978	
115 Butyl Methacrylate	87	11.339	11.339	0.000	89	3417	1.00	0.8484	
116 tert-Butylbenzene	119	11.497	11.497	0.000	94	9813	1.00	0.8672	
117 1,2,4-Trimethylbenzene	105	11.541	11.546	-0.005	96	12931	1.00	0.9049	
118 sec-Butylbenzene	105	11.705	11.705	0.000	98	15431	1.00	0.8463	
120 1,3-Dichlorobenzene	146	11.776	11.776	0.000	97	7645	1.00	1.00	
* 121 1,4-Dichlorobenzene-d4	152	11.836	11.836	0.000	94	311515	50.0	50.0	
119 4-Isopropyltoluene	119	11.847	11.846	0.001	97	14129	1.00	0.8619	
122 1,4-Dichlorobenzene	146	11.857	11.857	0.000	96	8041	1.00	1.04	a
123 1,2,3-Trimethylbenzene	105	11.917	11.917	0.000	97	14101	1.00	0.9055	
124 Benzyl chloride	91	11.983	11.983	0.000	99	5947	1.00	0.8690	
125 2,3-Dihydroindene	117	12.076	12.081	-0.005	94	13591	1.00	0.9456	
128 1,2-Dichlorobenzene	146	12.174	12.174	0.000	94	7764	1.00	0.9693	
126 p-Diethylbenzene	119	12.179	12.179	0.000	94	8042	1.00	0.9522	a
127 n-Butylbenzene	92	12.196	12.196	0.000	97	7084	1.00	0.8567	
129 1,2,4,5-Tetramethylbenzene	119	12.801	12.801	0.000	96	14113	1.00	0.8894	
130 1,2-Dibromo-3-Chloropropane	157	12.801	12.807	-0.006	34	1095	1.00	0.9350	
131 1,3,5-Trichlorobenzene	180	12.976	12.976	0.000	96	7291	1.00	0.9454	
132 1,2,4-Trichlorobenzene	180	13.429	13.429	0.000	92	6877	1.00	0.9253	
133 Hexachlorobutadiene	225	13.565	13.565	0.000	96	3406	1.00	0.8874	
134 Naphthalene	128	13.598	13.598	0.000	99	15946	1.00	0.9655	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.773	13.773	0.000	95	7358	1.00	0.9489	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.41	
S 137 Xylenes, Total	100				0		2.00	1.94	
S 139 Total BTEX	1				0		5.00	5.13	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00135	Amount Added: 1.00	Units: uL		
ACROLEIN W_00122	Amount Added: 10.00	Units: uL		
524freon_00034	Amount Added: 1.00	Units: uL		
GASES Li_00414	Amount Added: 1.00	Units: uL		
8260SURR250_00216	Amount Added: 1.00	Units: uL	Run Reagent	
8260ISNEW_00120	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 30-Apr-2021 10:12:31 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D

Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9 Operator ID:

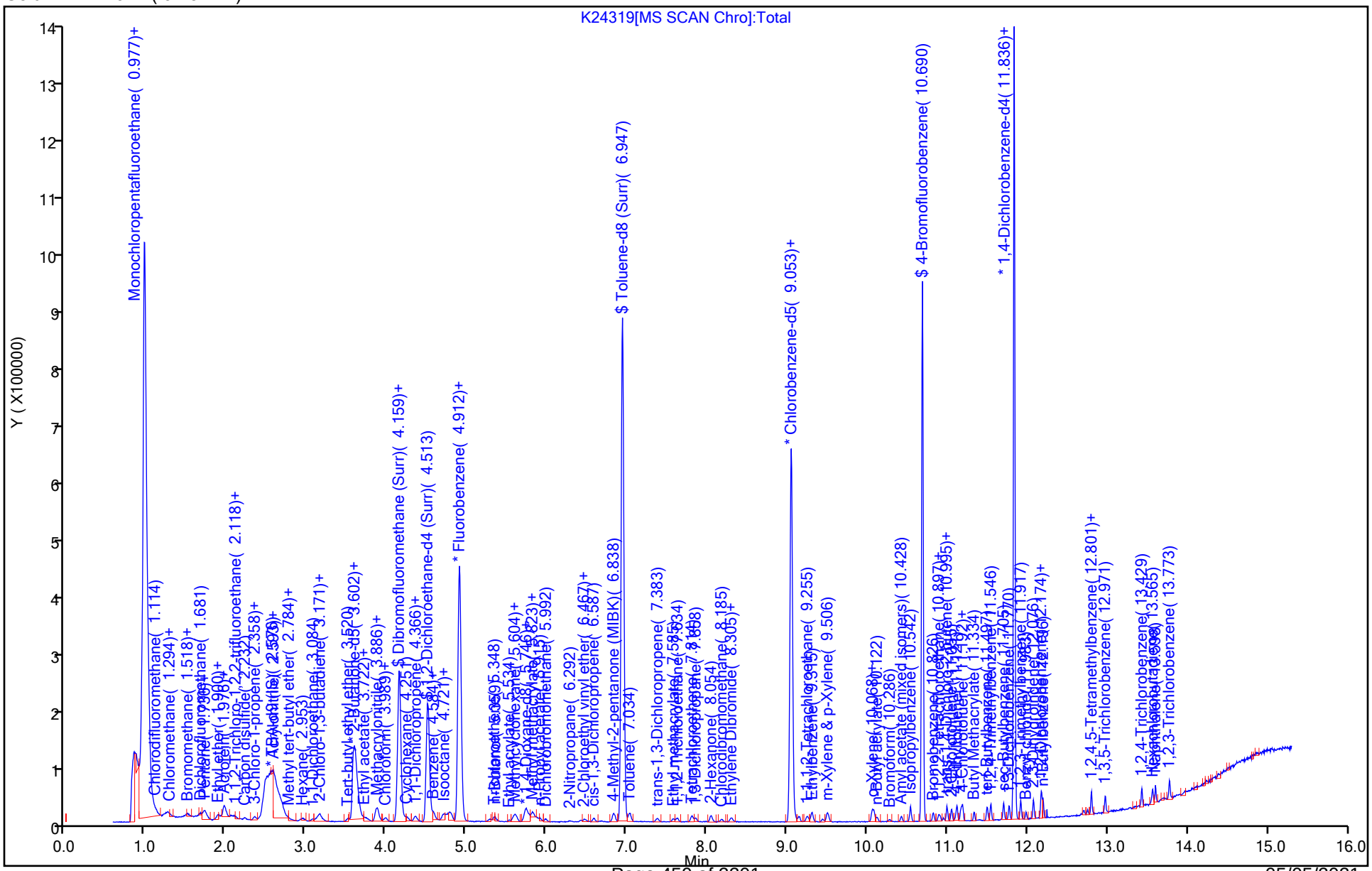
Lims ID: STD1 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

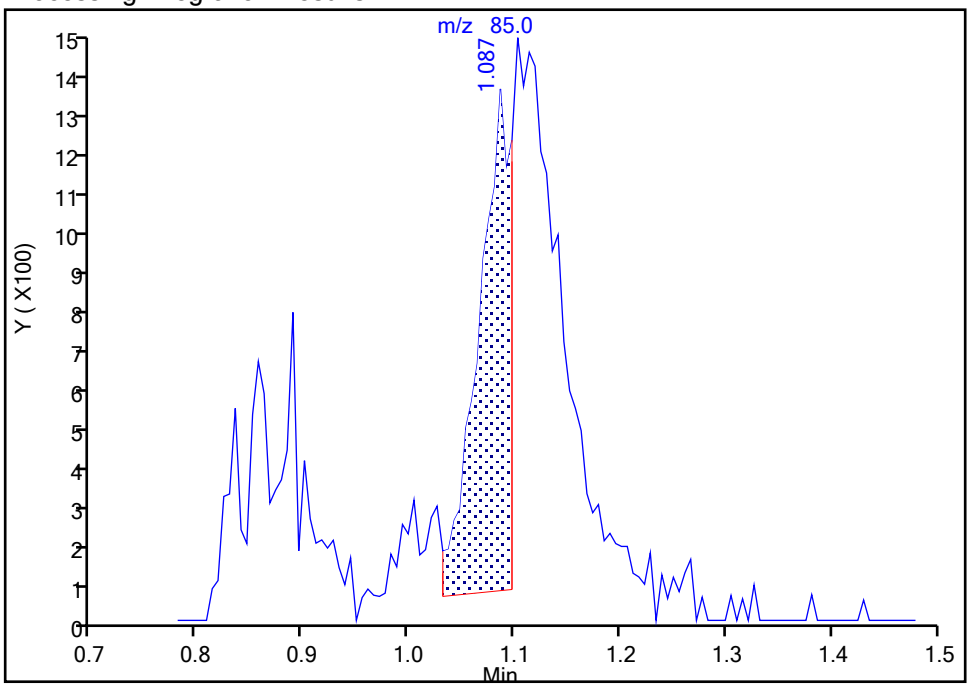
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

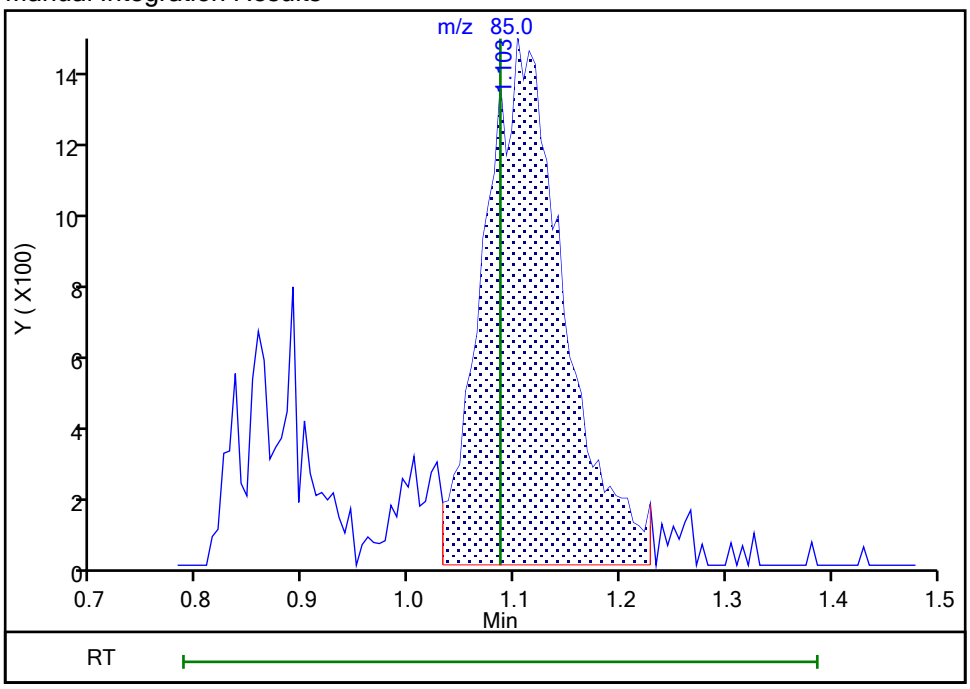
Processing Integration Results

RT: 1.09
Area: 2678
Amount: 0.316635
Amount Units: ug/l



Manual Integration Results

RT: 1.10
Area: 7591
Amount: 0.944824
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:17:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

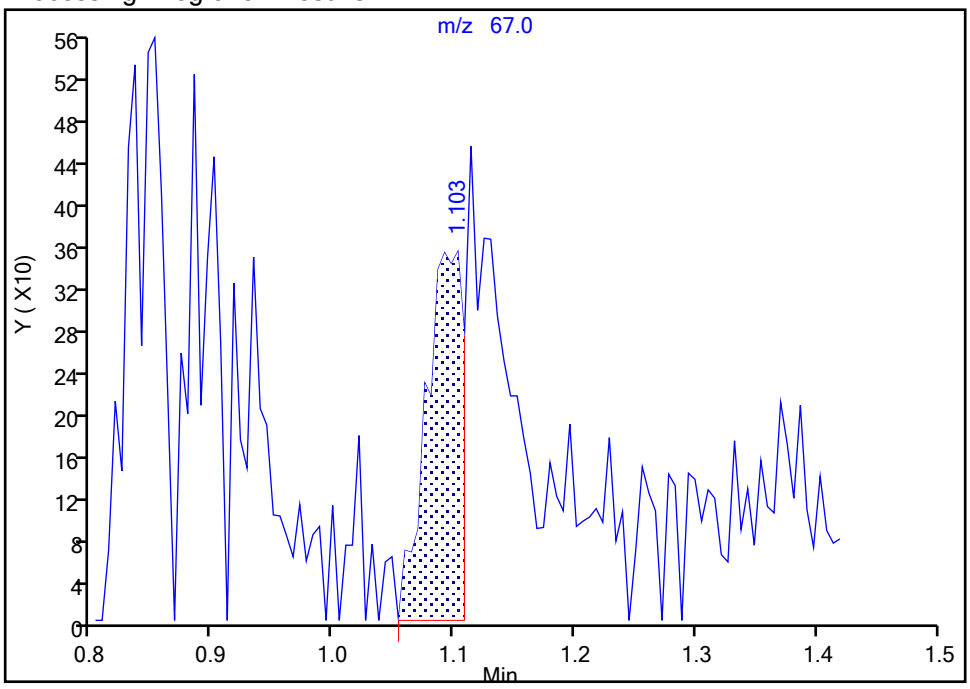
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

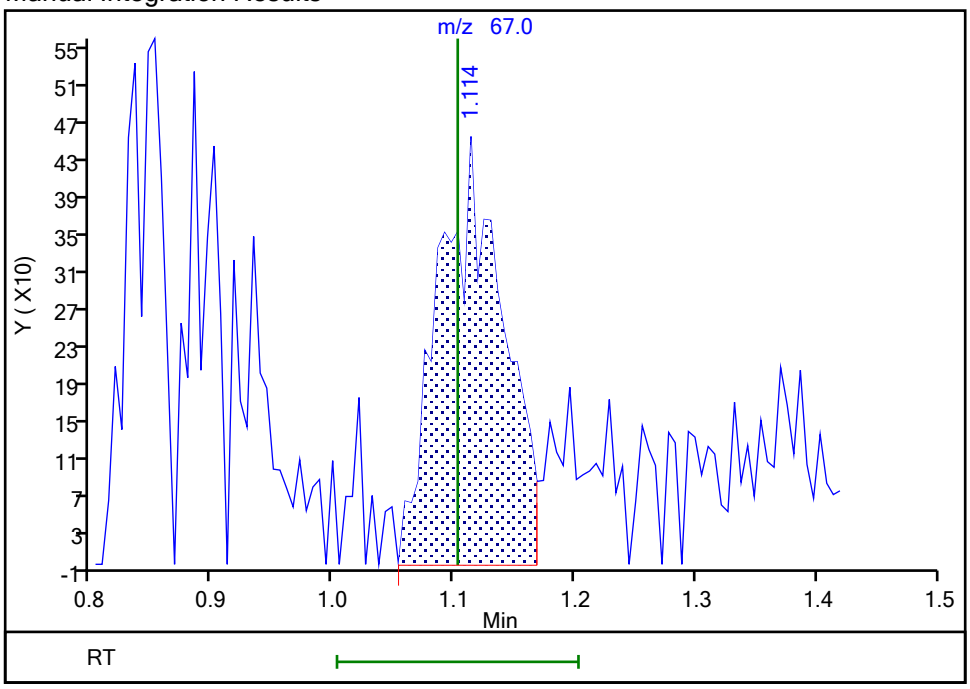
Processing Integration Results

RT: 1.10
Area: 758
Amount: 0.842131
Amount Units: ug/l



Manual Integration Results

RT: 1.11
Area: 1701
Amount: 1.004612
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:18:07
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

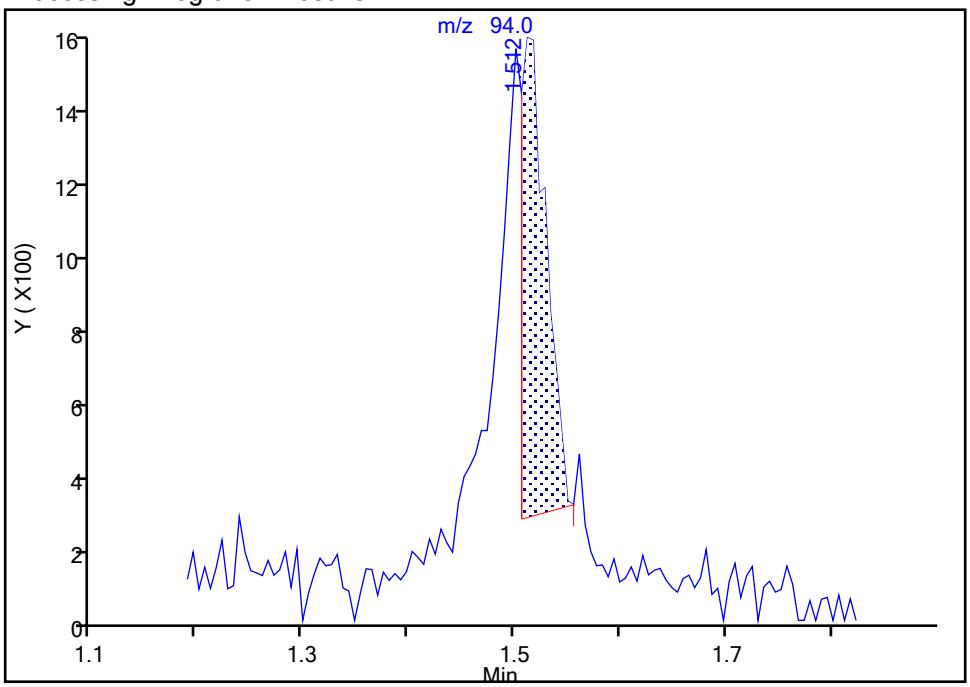
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

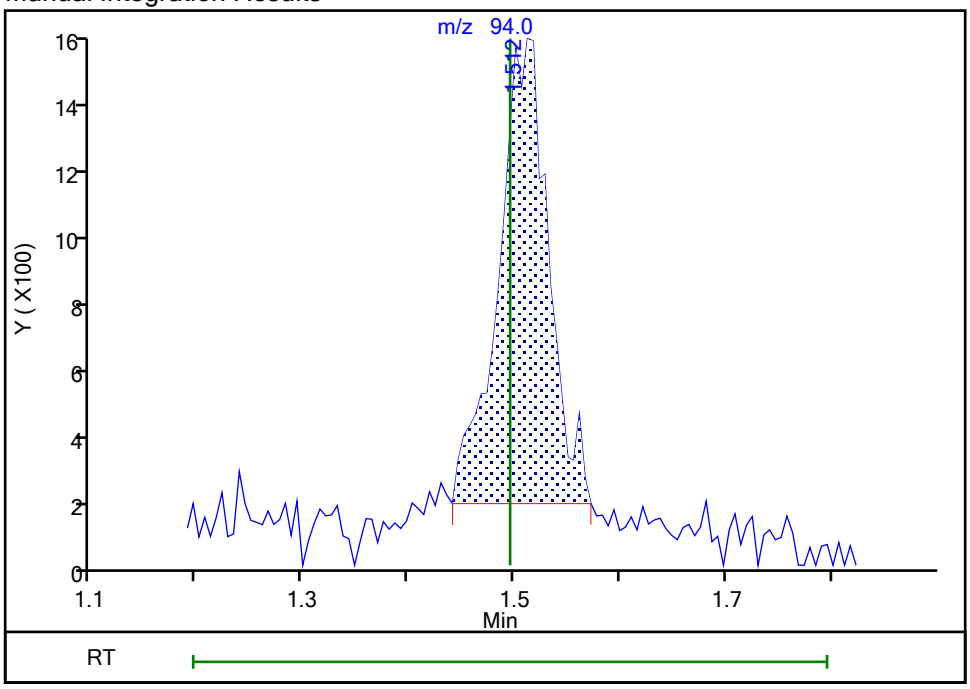
Processing Integration Results

RT: 1.51
Area: 2122
Amount: 0.414381
Amount Units: ug/l



Manual Integration Results

RT: 1.51
Area: 4499
Amount: 0.942339
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:18:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

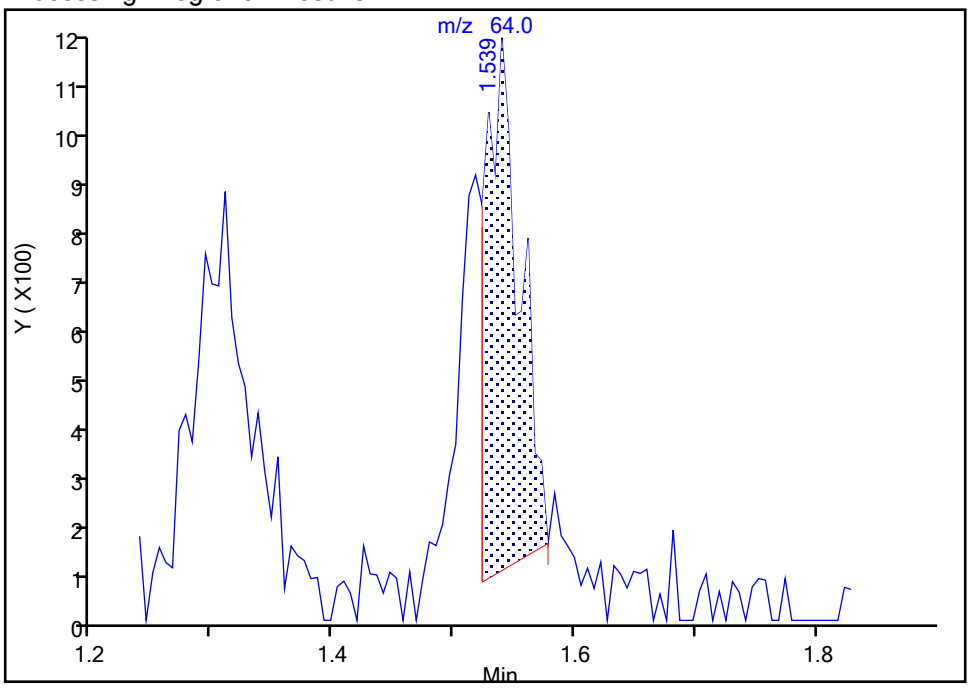
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

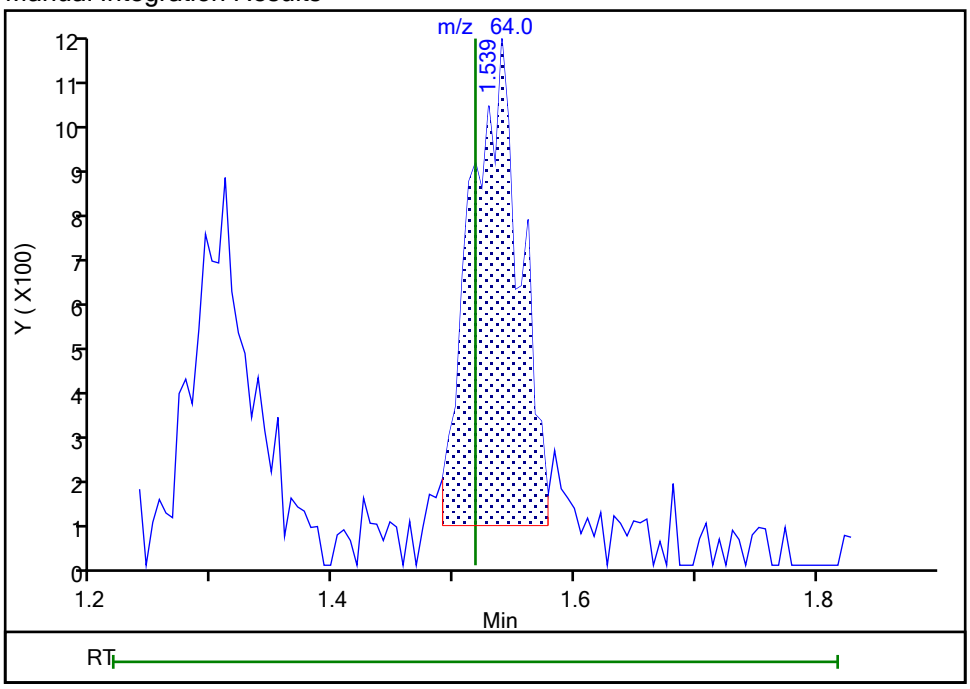
Processing Integration Results

RT: 1.54
Area: 2033
Amount: 0.577997
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 2980
Amount: 0.916566
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:18:37
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

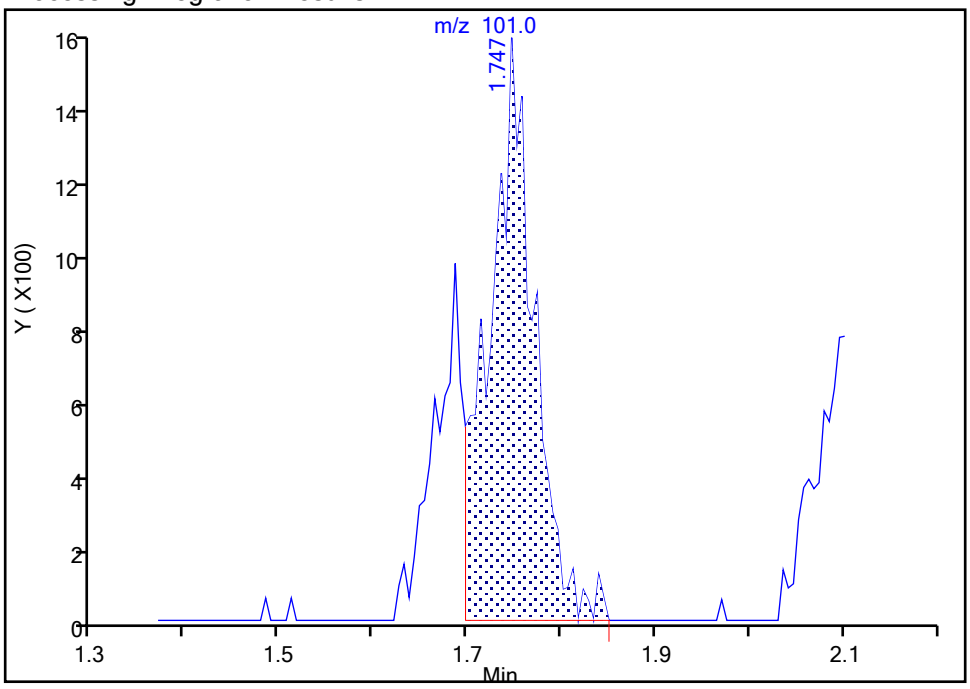
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

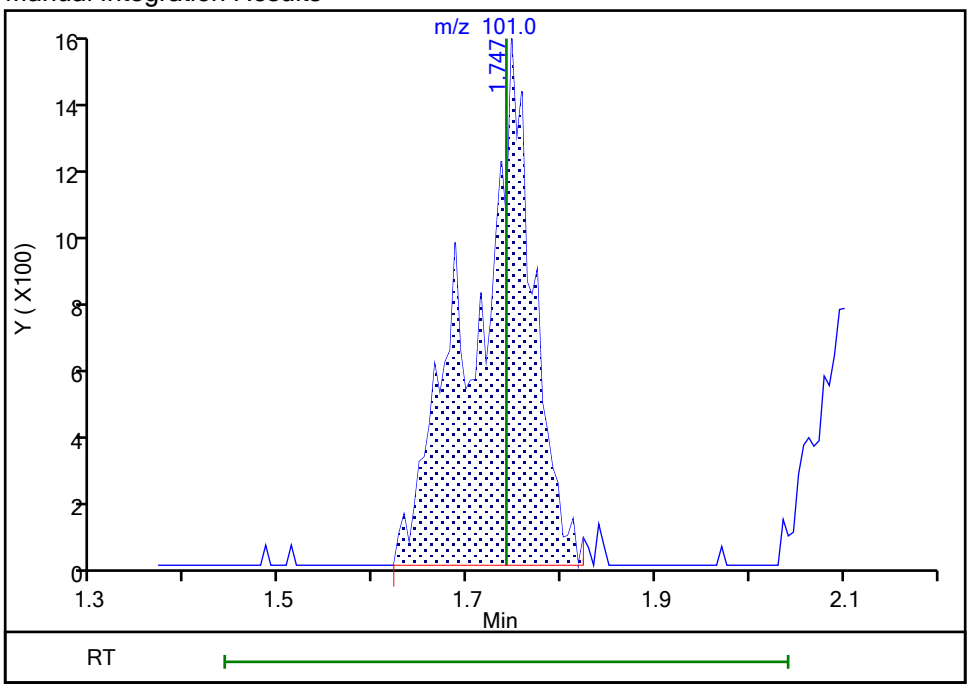
Processing Integration Results

RT: 1.75
Area: 5084
Amount: 0.787933
Amount Units: ug/l



Manual Integration Results

RT: 1.75
Area: 6774
Amount: 1.014854
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:19:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

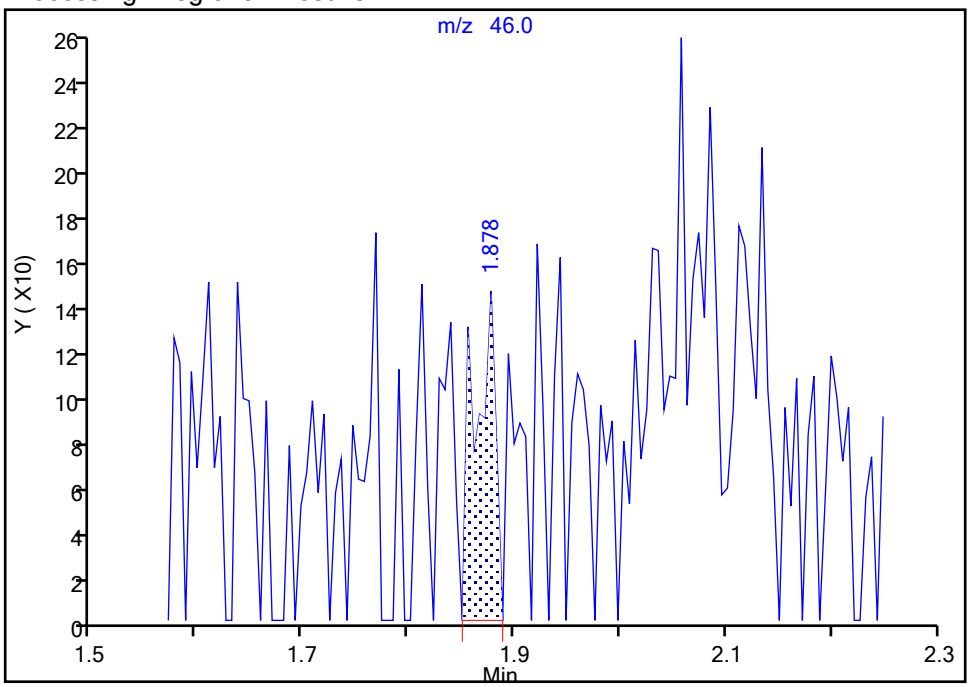
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

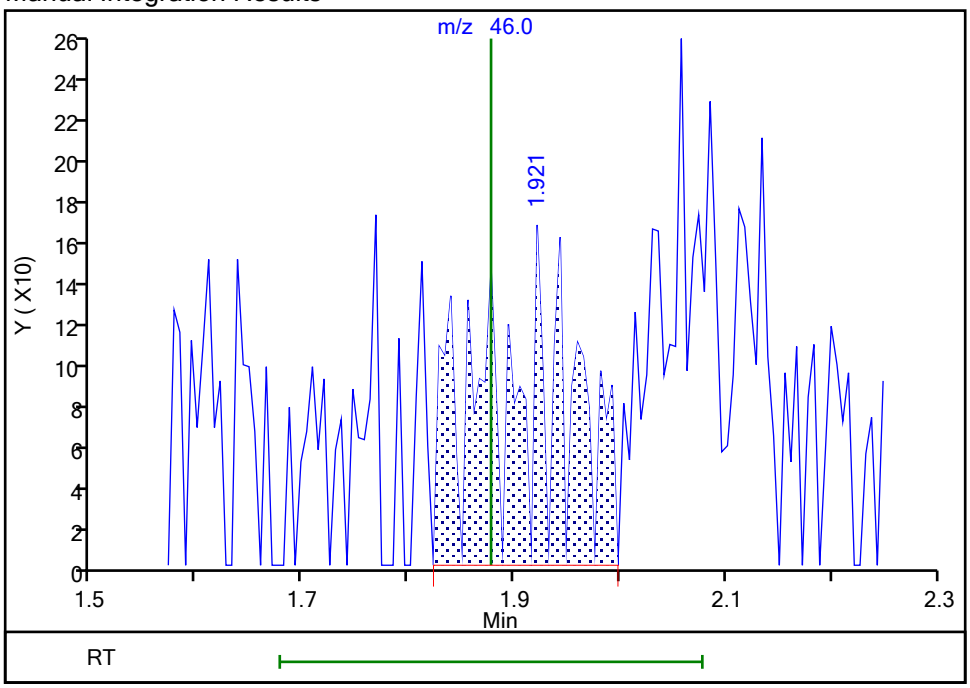
Processing Integration Results

RT: 1.88
Area: 200
Amount: 13.400378
Amount Units: ug/l



Manual Integration Results

RT: 1.92
Area: 833
Amount: 38.787800
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:19:11
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

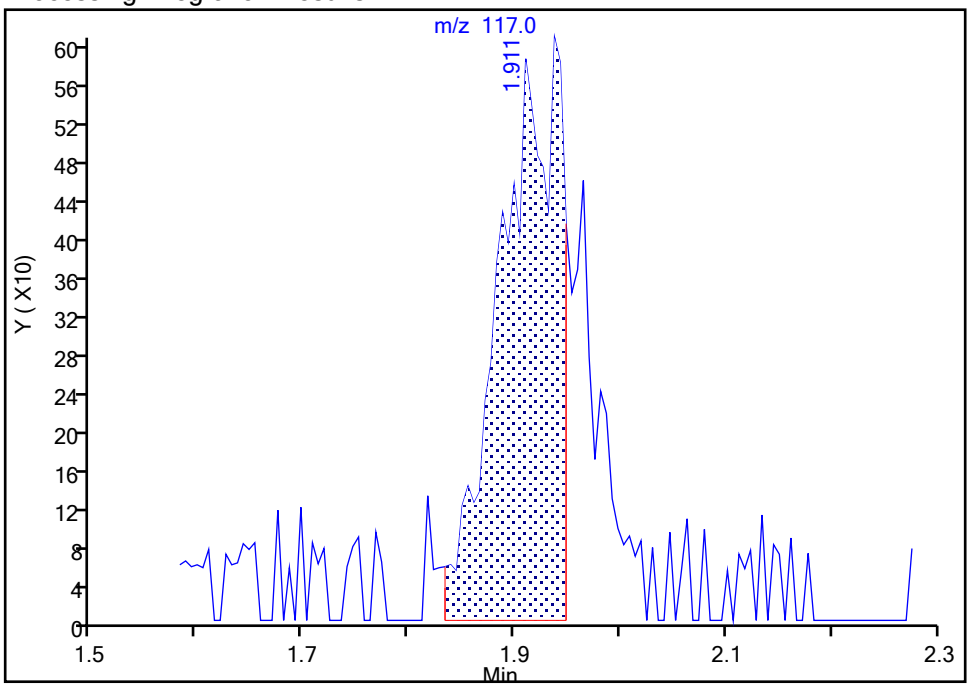
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

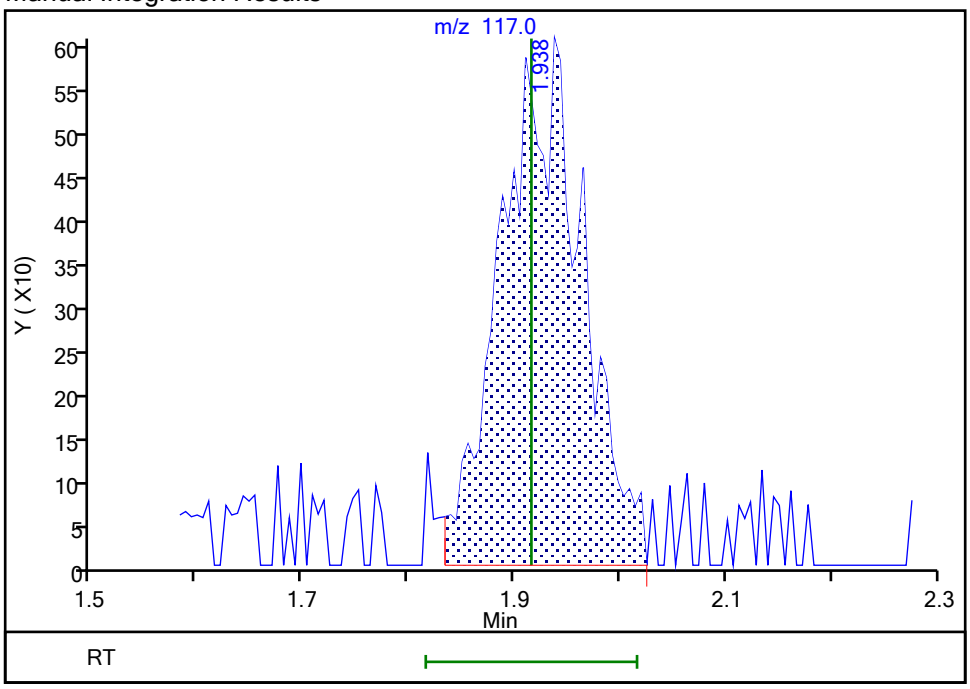
Processing Integration Results

RT: 1.91
Area: 2398
Amount: 0.793446
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 3251
Amount: 1.038372
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:19:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

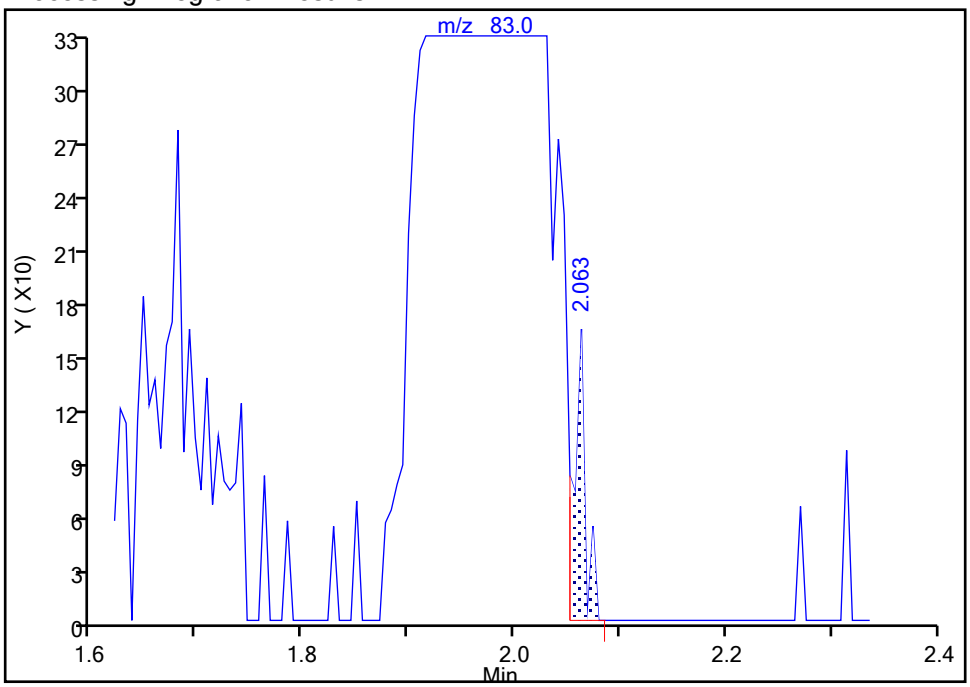
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

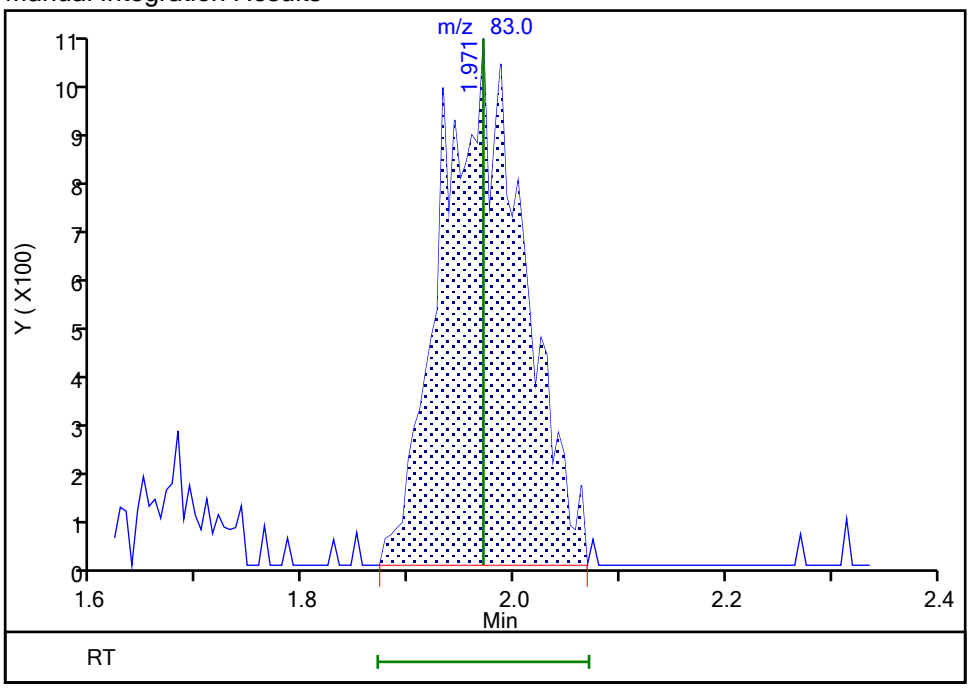
Processing Integration Results

RT: 2.06
Area: 119
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.97
Area: 5755
Amount: 1.102339
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:19:35
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

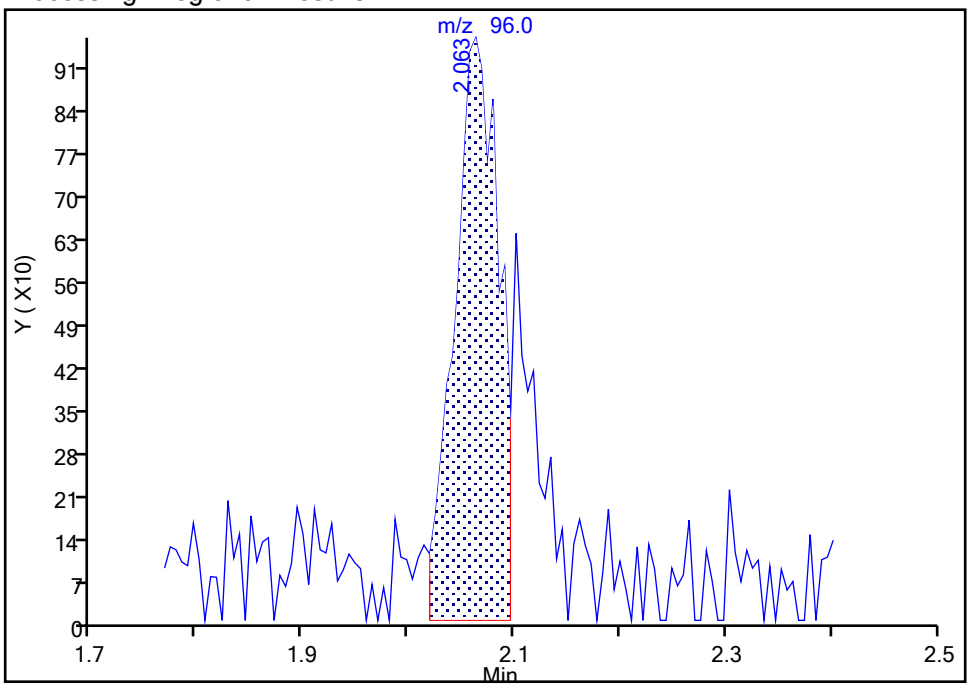
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

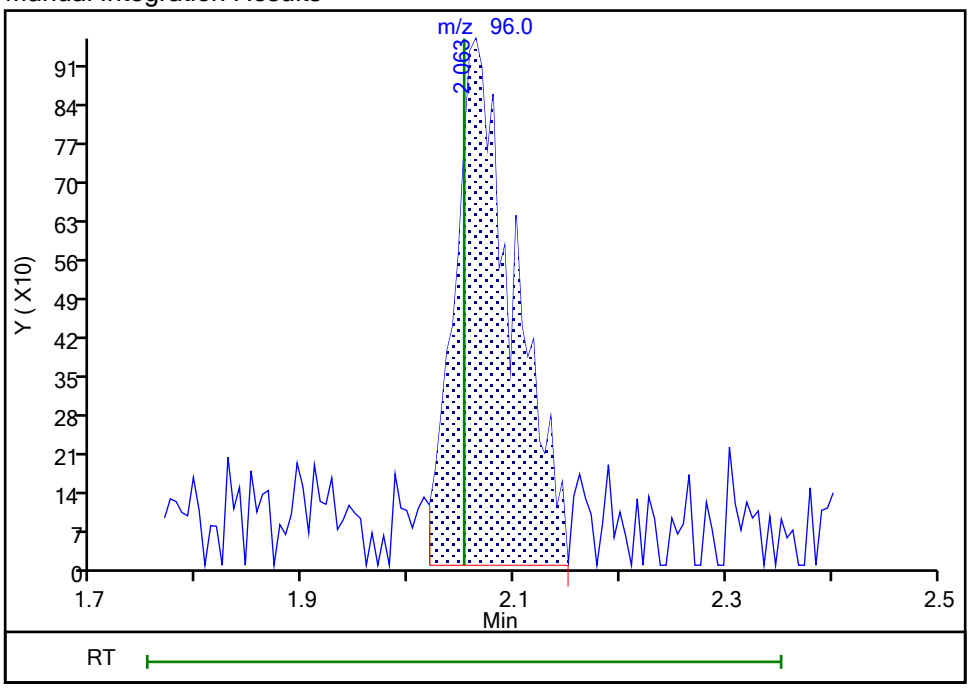
Processing Integration Results

RT: 2.06
Area: 2807
Amount: 0.940498
Amount Units: ug/l



Manual Integration Results

RT: 2.06
Area: 3726
Amount: 1.185935
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:19:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

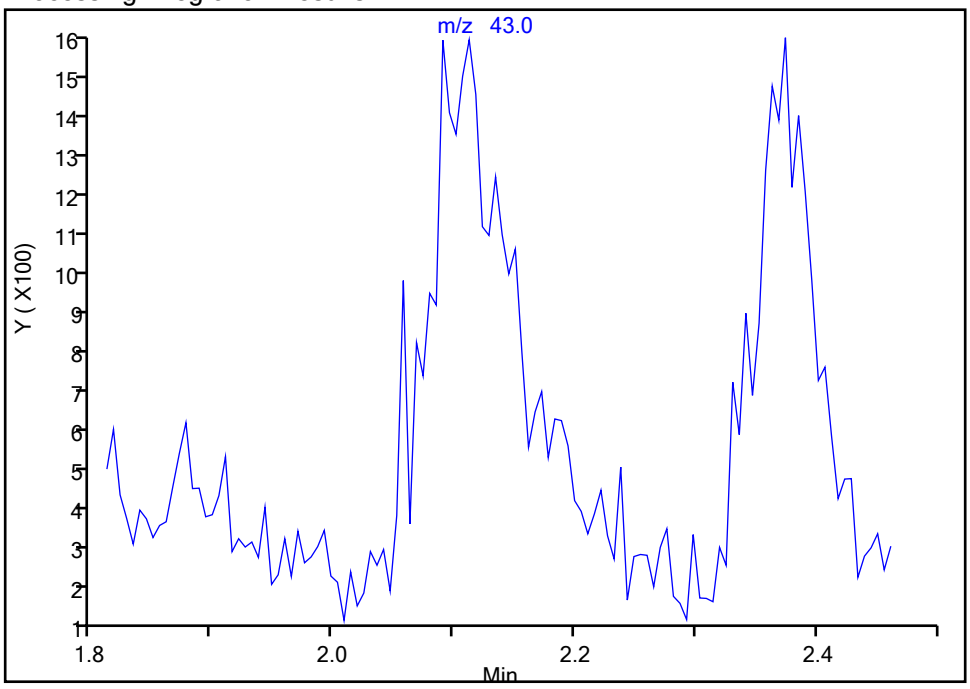
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Signal: 1

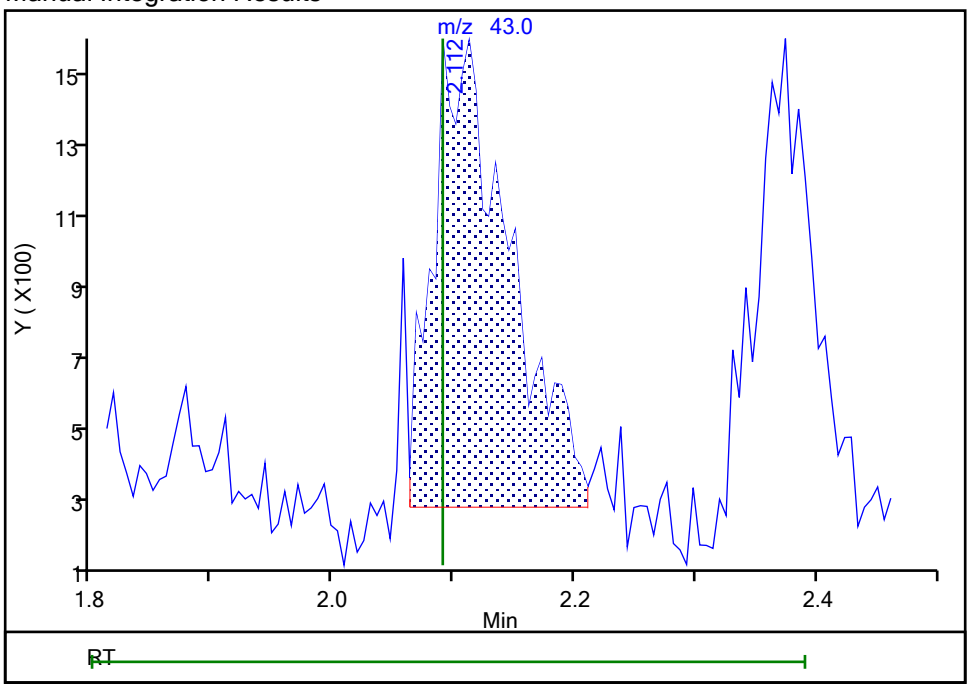
Not Detected
Expected RT: 2.09

Processing Integration Results



Manual Integration Results

RT: 2.11
Area: 5486
Amount: 5.178315
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:20:03
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

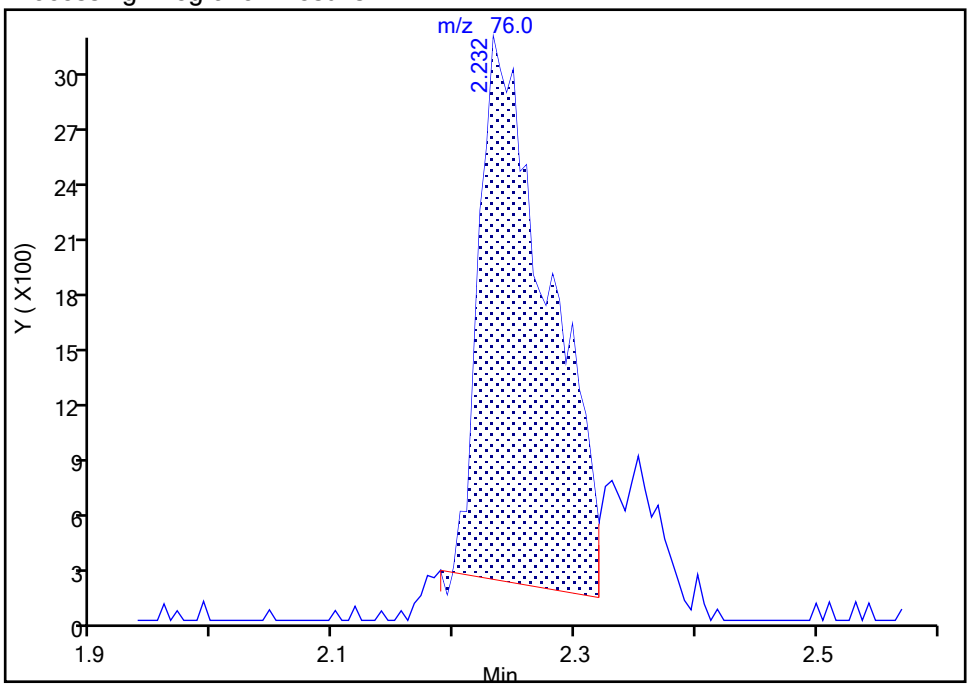
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

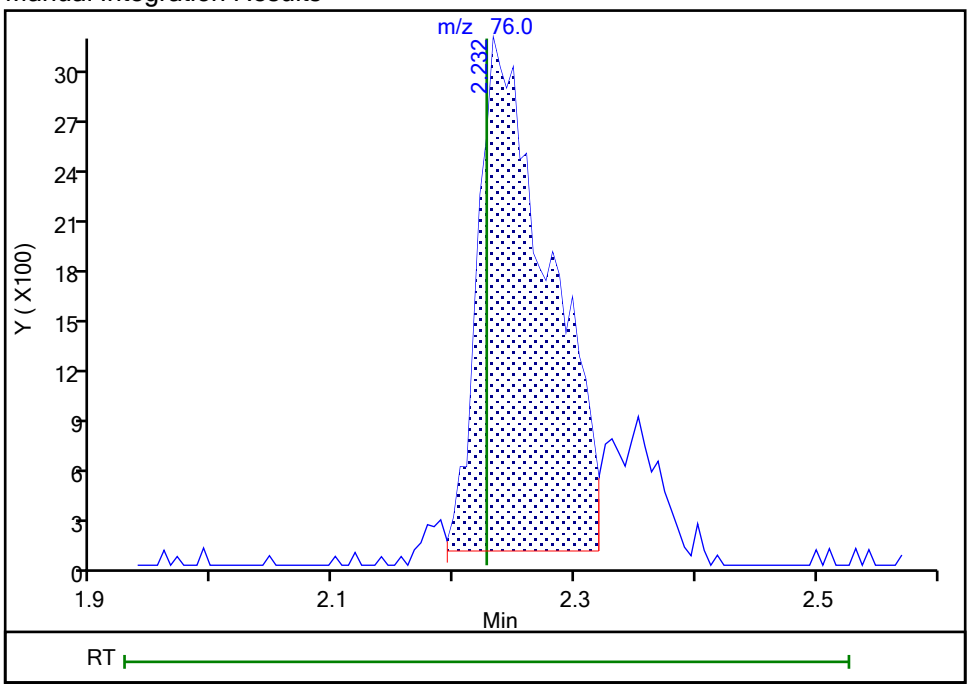
Processing Integration Results

RT: 2.23
Area: 11617
Amount: 0.891711
Amount Units: ug/l



Manual Integration Results

RT: 2.23
Area: 12469
Amount: 0.948375
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:20:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

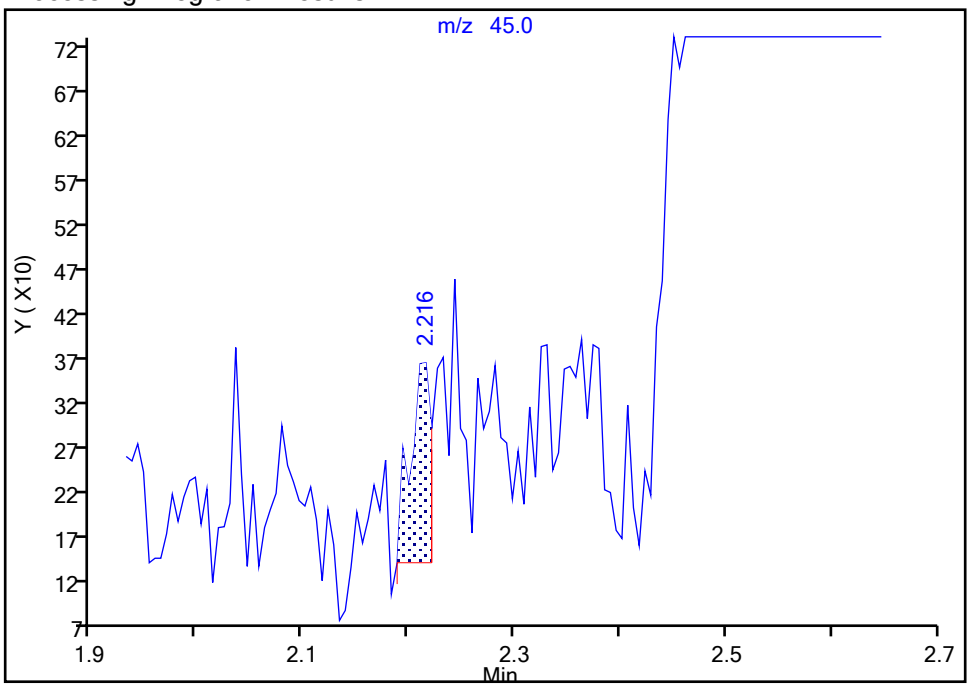
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

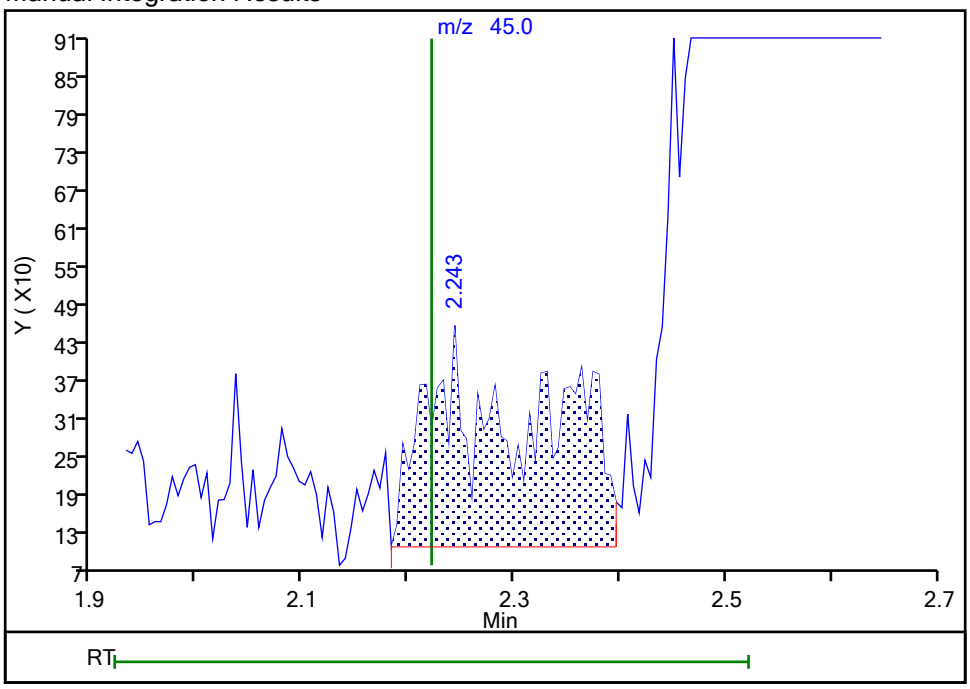
Processing Integration Results

RT: 2.22
Area: 305
Amount: 3.053653
Amount Units: ug/l



Manual Integration Results

RT: 2.24
Area: 2443
Amount: 7.746676
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:20:15
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

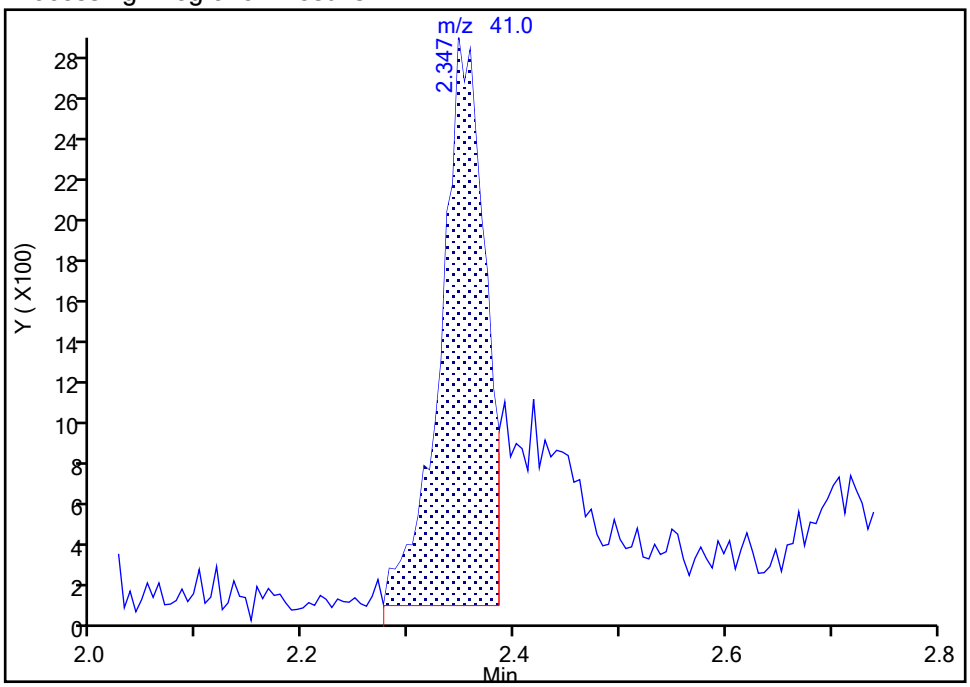
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

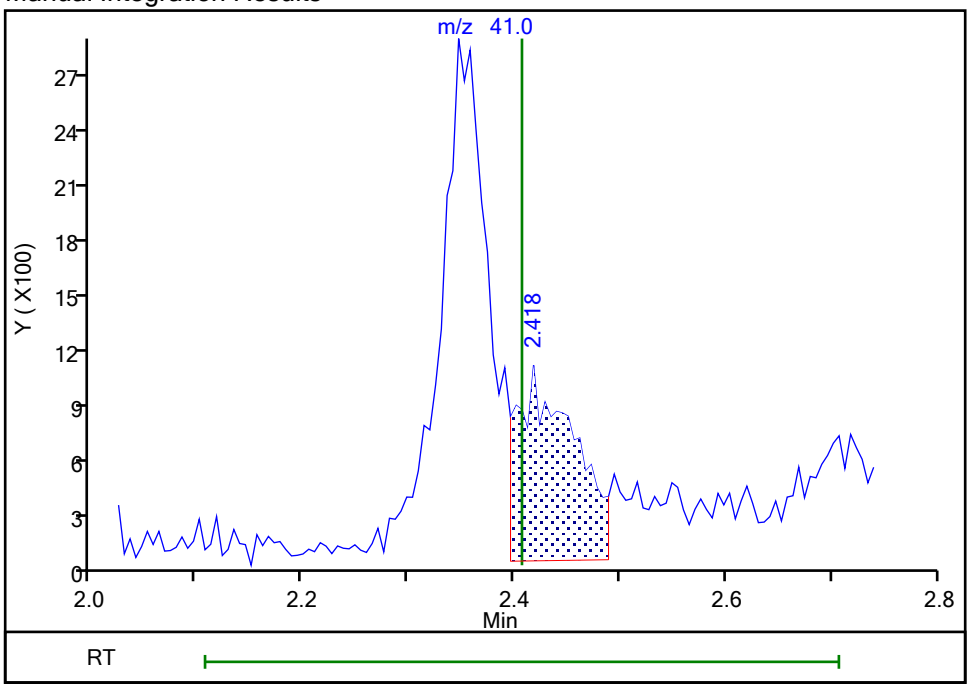
Processing Integration Results

RT: 2.35
Area: 7862
Amount: 13.469435
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 3903
Amount: 11.882654
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:20:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

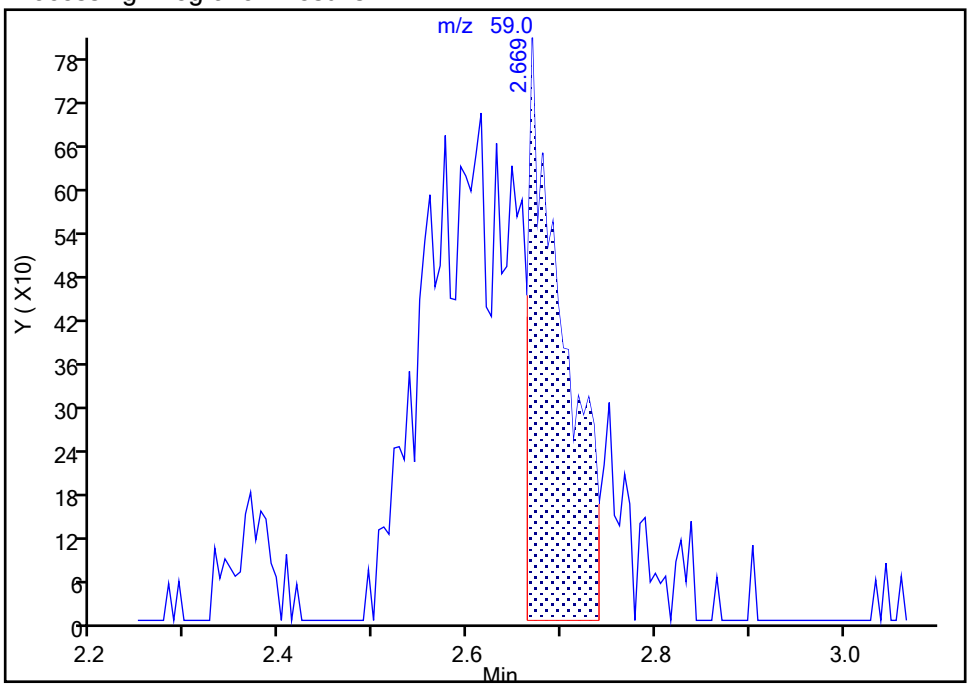
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

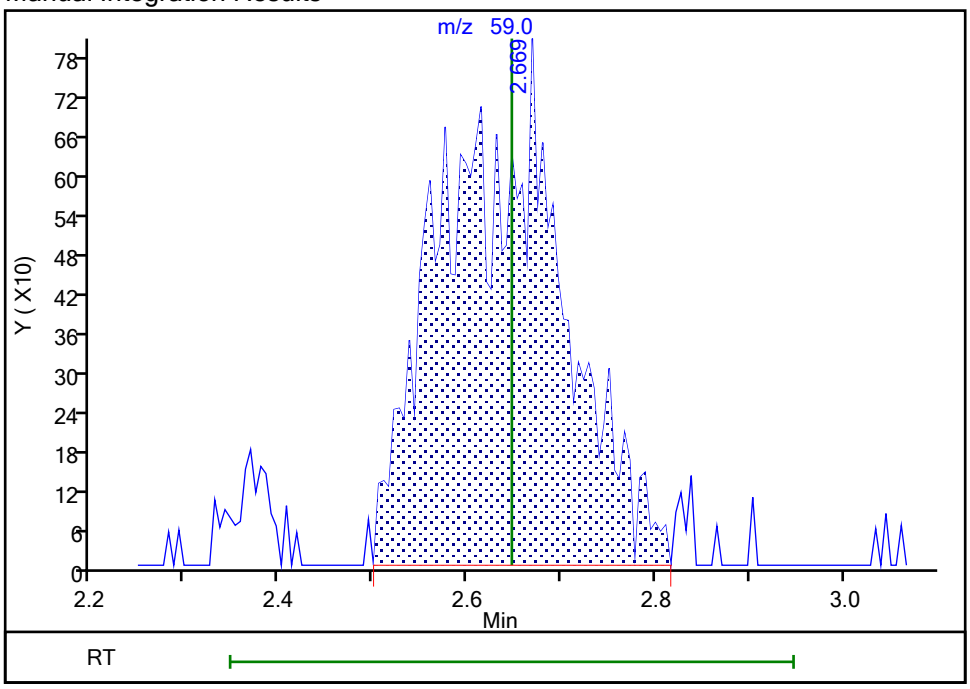
Processing Integration Results

RT: 2.67
Area: 2050
Amount: 8.155526
Amount Units: ug/l



Manual Integration Results

RT: 2.67
Area: 6891
Amount: 12.006024
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:21:05
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

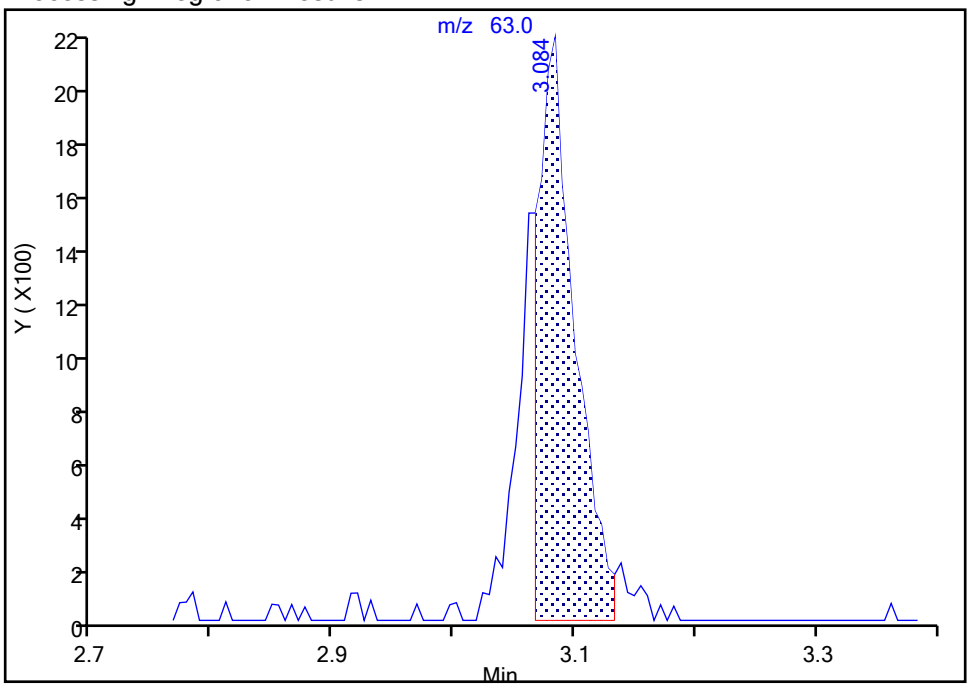
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

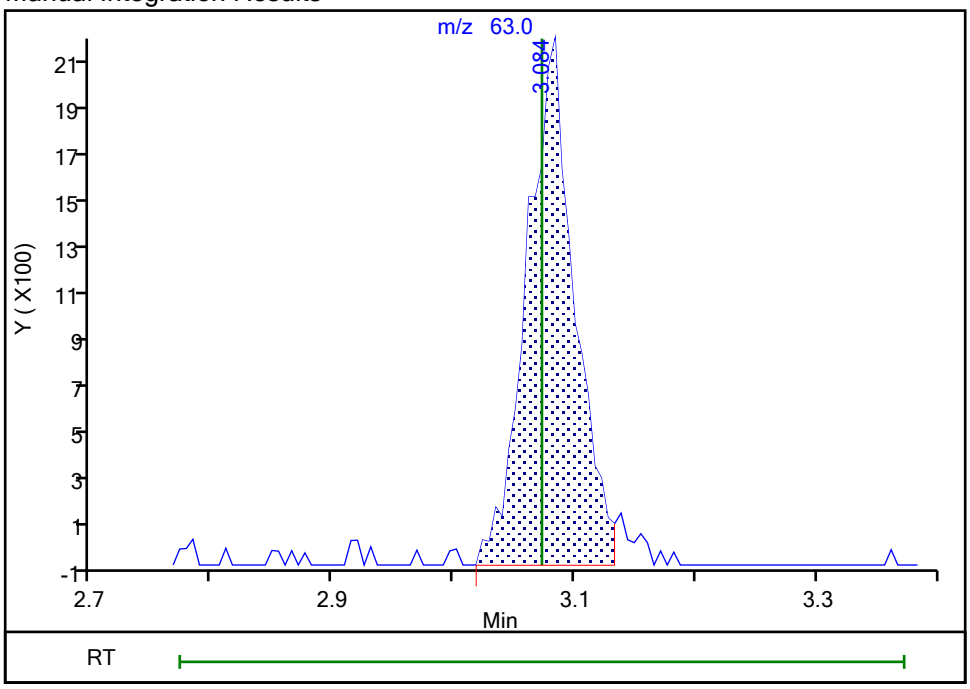
Processing Integration Results

RT: 3.08
Area: 4611
Amount: 0.856625
Amount Units: ug/l



Manual Integration Results

RT: 3.08
Area: 5988
Amount: 1.068065
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:21:21
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

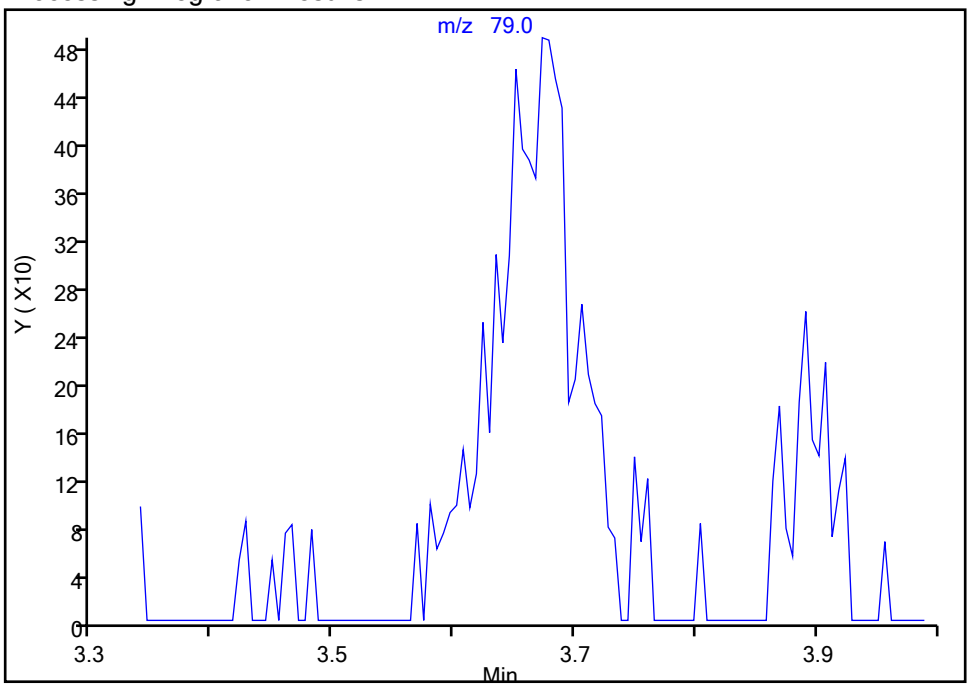
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

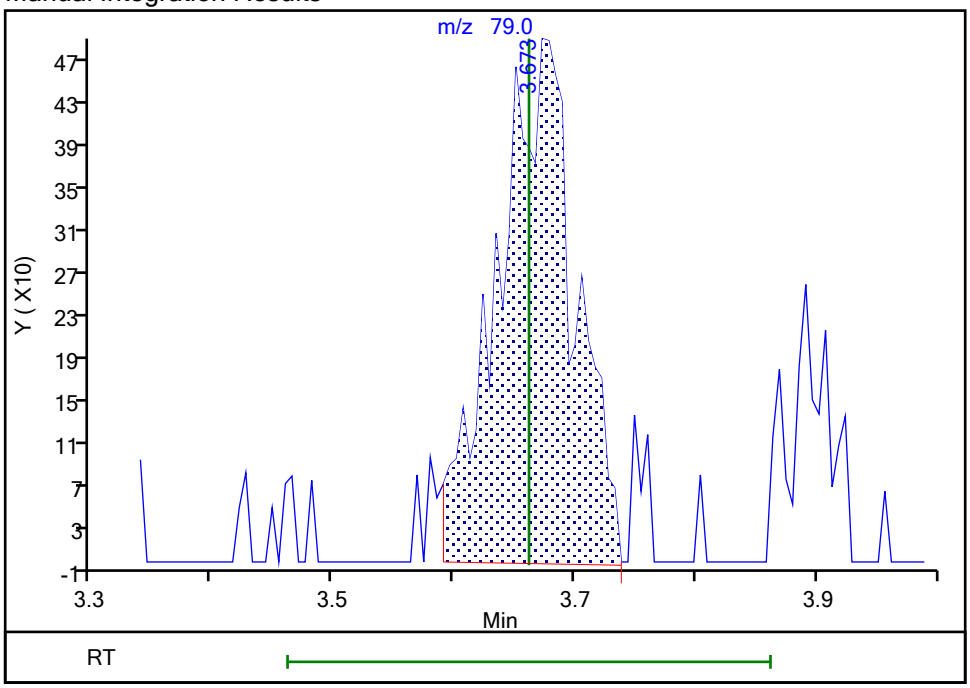
Not Detected
Expected RT: 3.66

Processing Integration Results



Manual Integration Results

RT: 3.67
Area: 2174
Amount: 1.138800
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:21:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

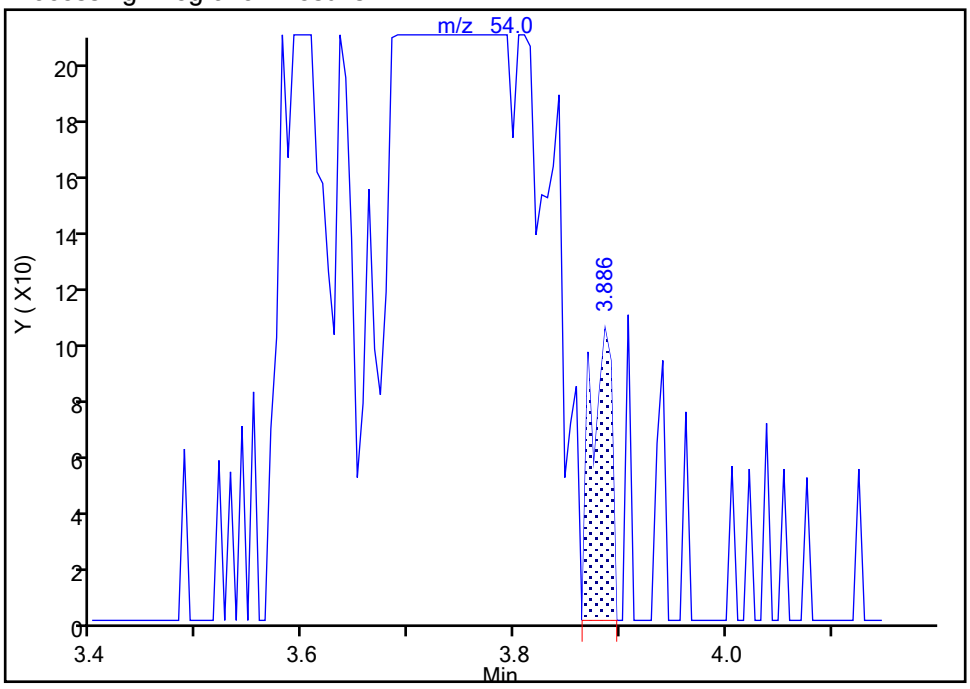
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

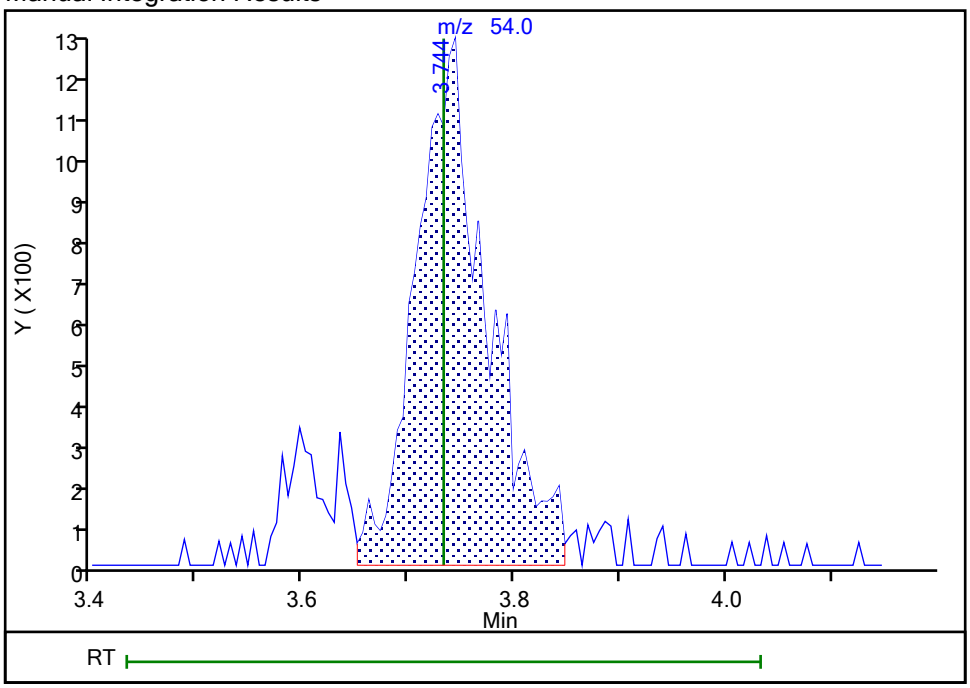
Processing Integration Results

RT: 3.89
Area: 137
Amount: 1.107613
Amount Units: ug/l



Manual Integration Results

RT: 3.74
Area: 5703
Amount: 11.065743
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:21:55
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

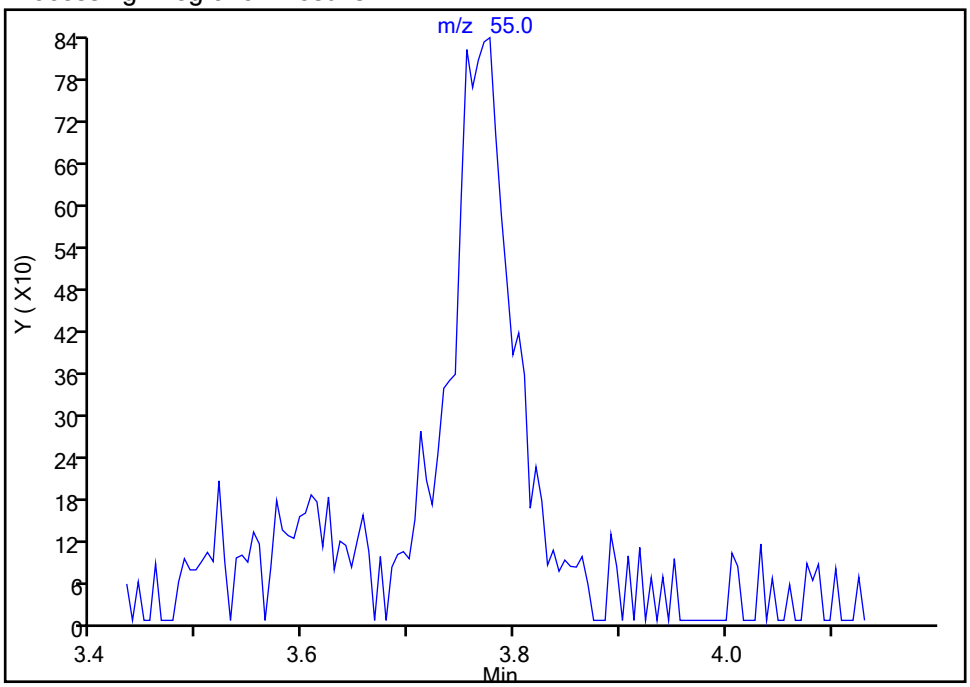
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

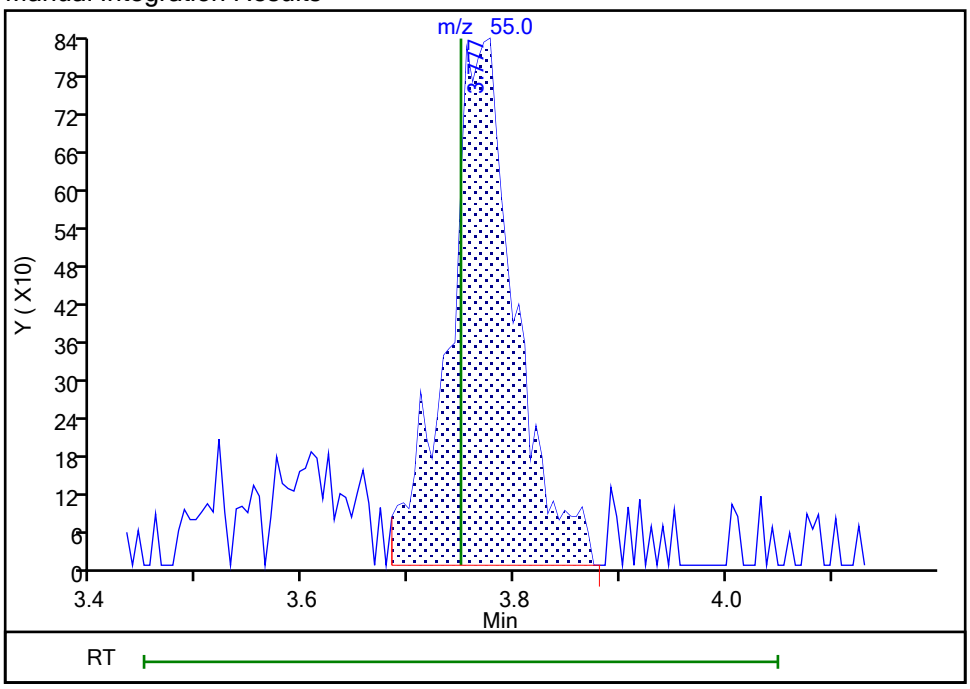
Not Detected
Expected RT: 3.75

Processing Integration Results



Manual Integration Results

RT: 3.78
Area: 3632
Amount: 1.049204
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:22:02
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

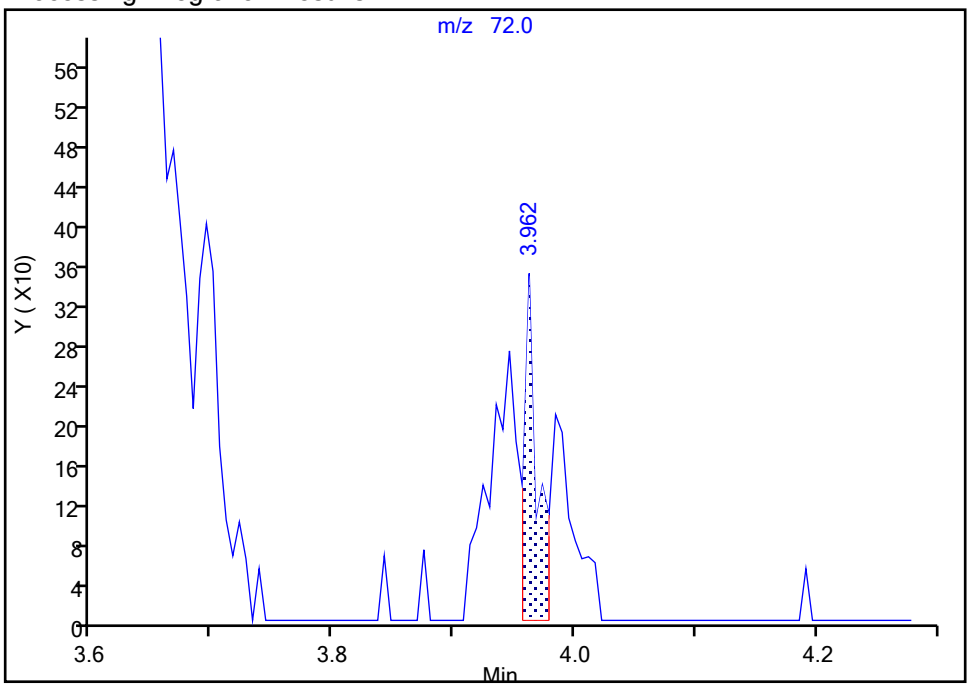
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

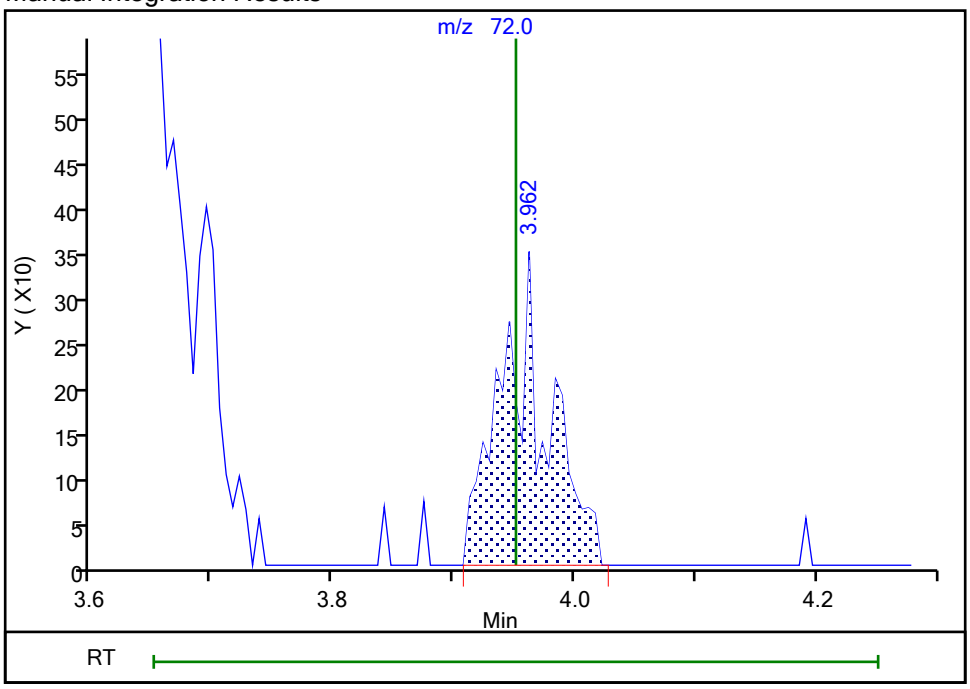
Processing Integration Results

RT: 3.96
Area: 270
Amount: 0.650652
Amount Units: ug/l



Manual Integration Results

RT: 3.96
Area: 938
Amount: 2.267351
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:22:11
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

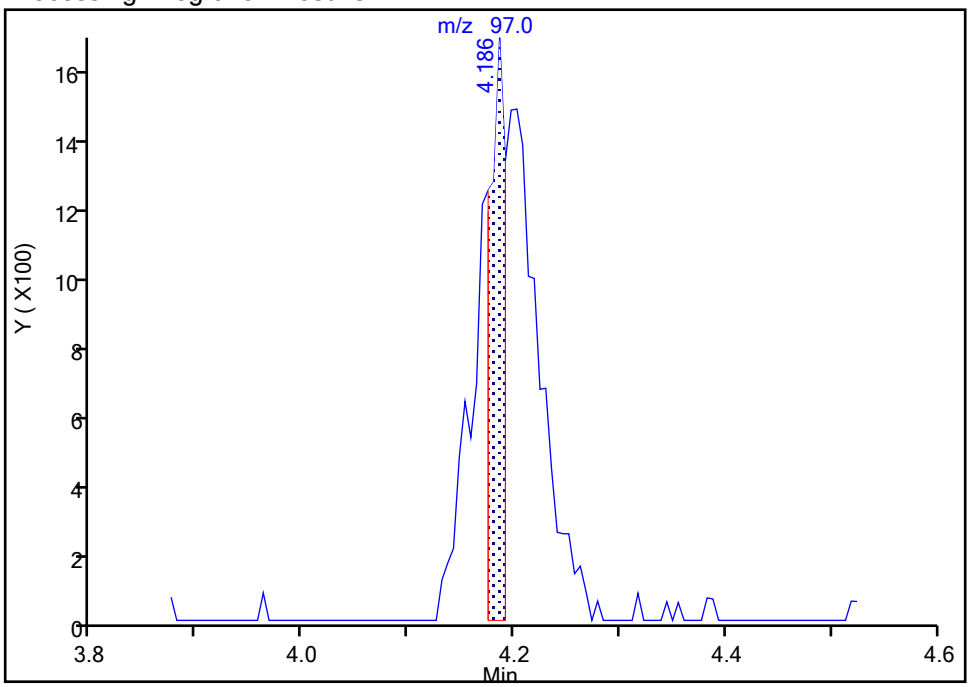
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

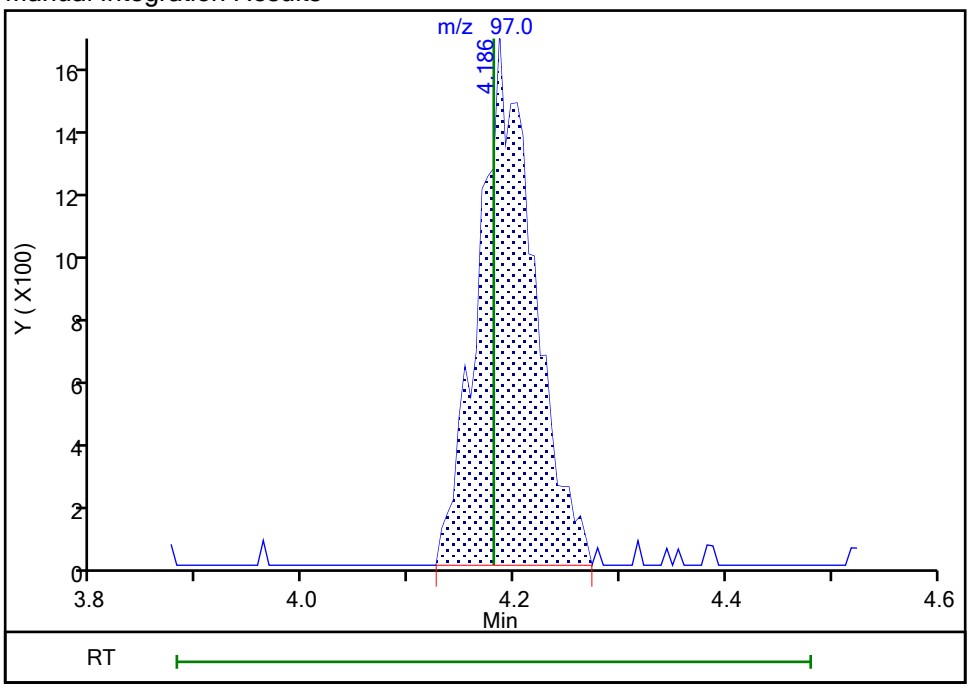
Processing Integration Results

RT: 4.19
Area: 1755
Amount: 0.347920
Amount Units: ug/l



Manual Integration Results

RT: 4.19
Area: 5957
Amount: 1.054546
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:22:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

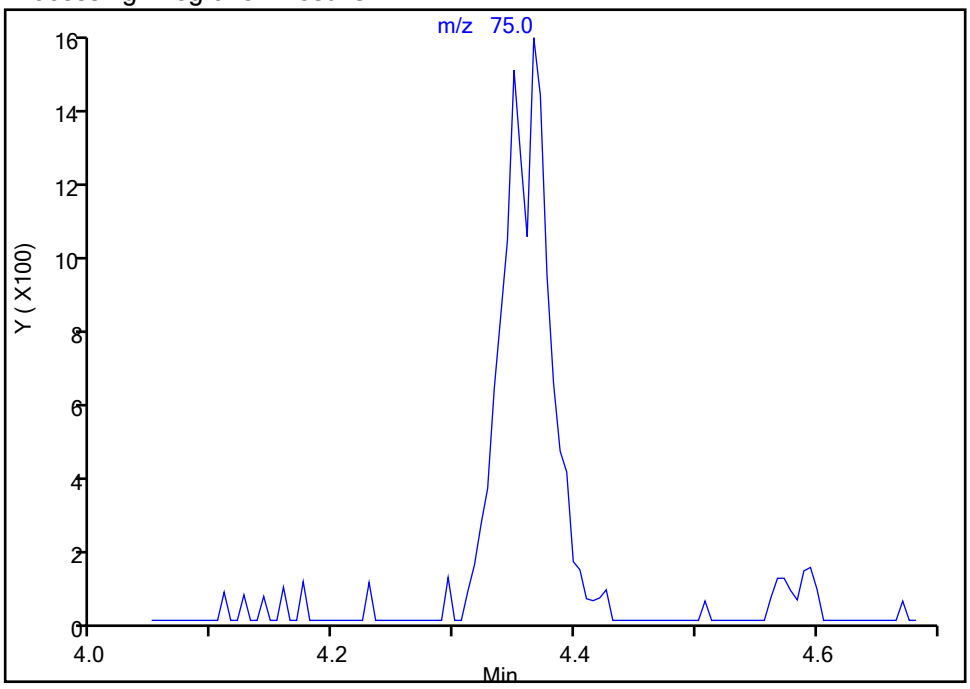
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

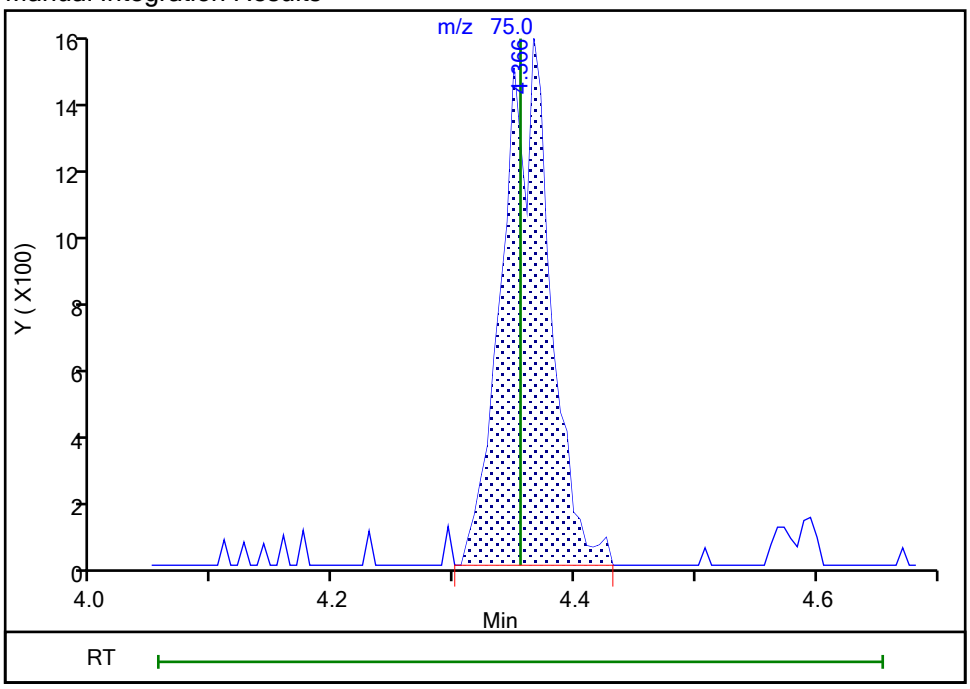
Not Detected
Expected RT: 4.35

Processing Integration Results



Manual Integration Results

RT: 4.37
Area: 4102
Amount: 1.002787
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:22:28
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

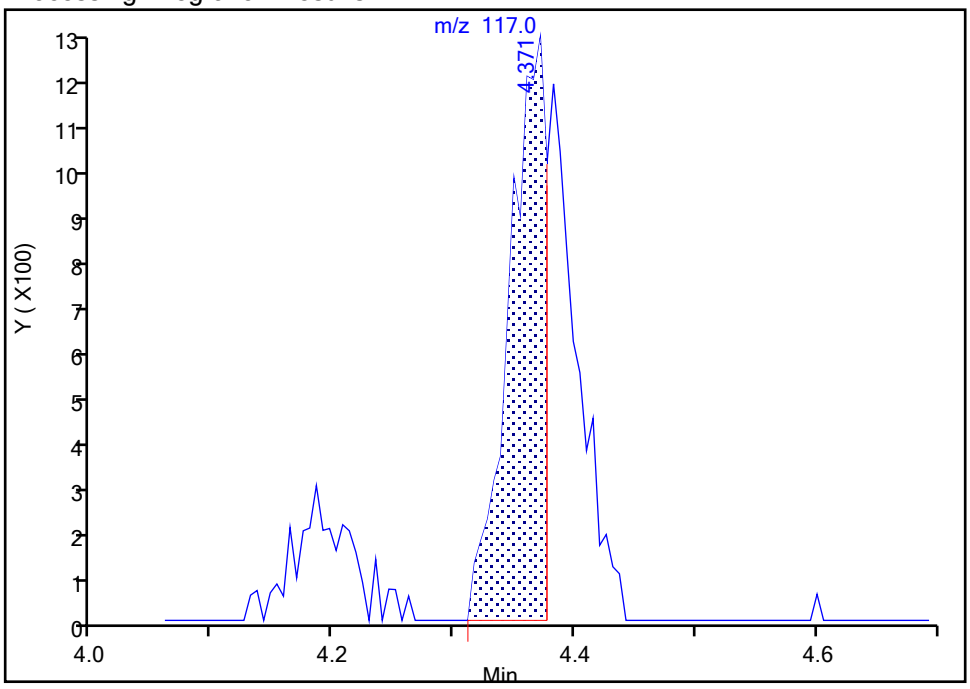
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

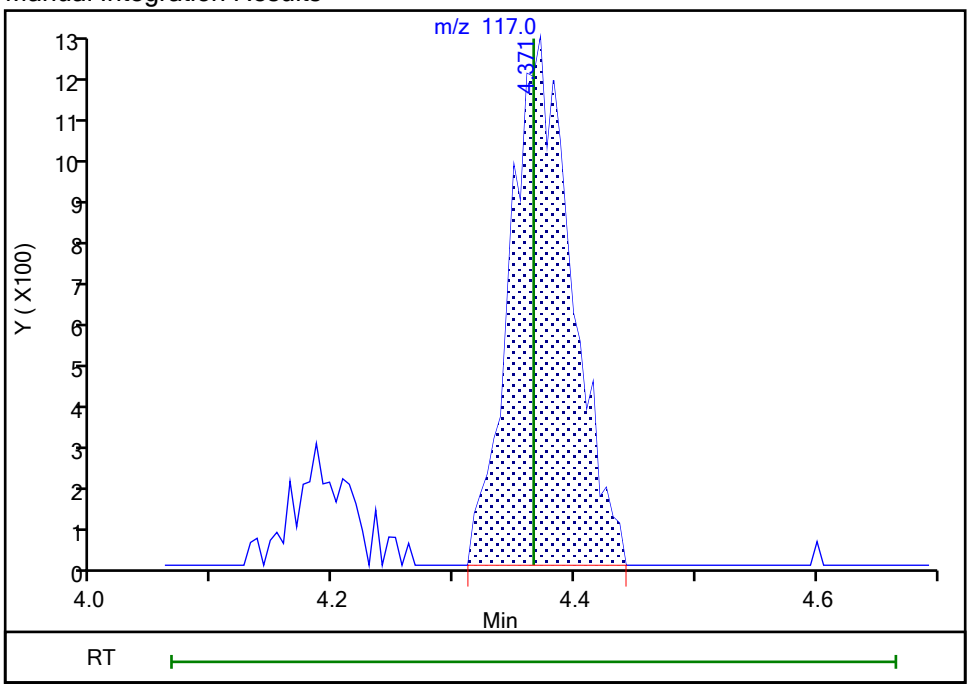
Processing Integration Results

RT: 4.37
Area: 2671
Amount: 0.636669
Amount Units: ug/l



Manual Integration Results

RT: 4.37
Area: 4450
Amount: 0.982725
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:22:38
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

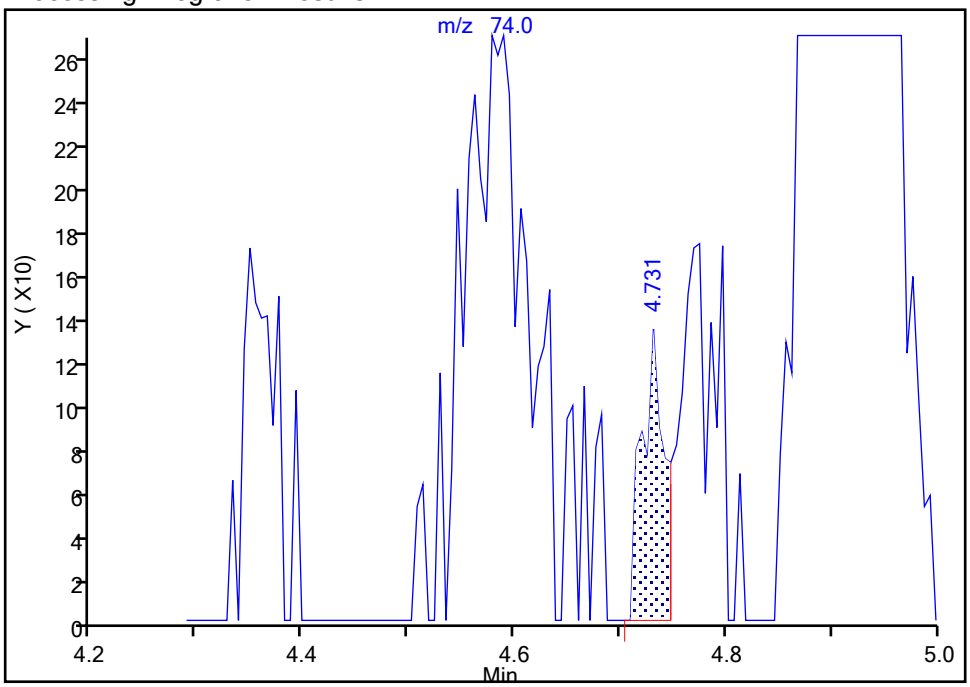
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

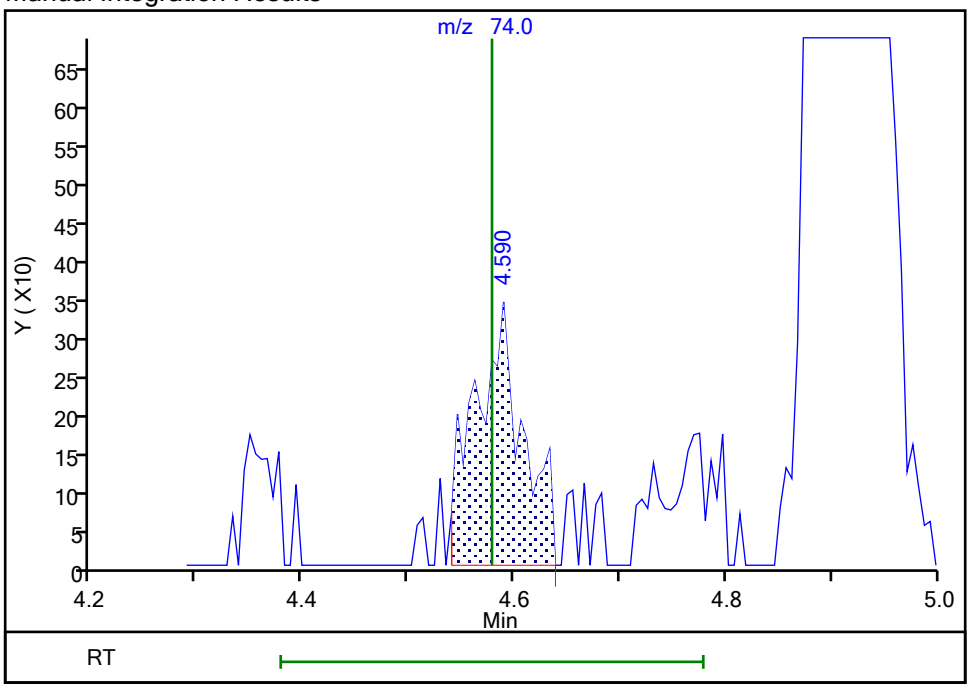
Processing Integration Results

RT: 4.73
Area: 198
Amount: 11.819294
Amount Units: ug/l



Manual Integration Results

RT: 4.59
Area: 1080
Amount: 24.153336
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:22:44
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

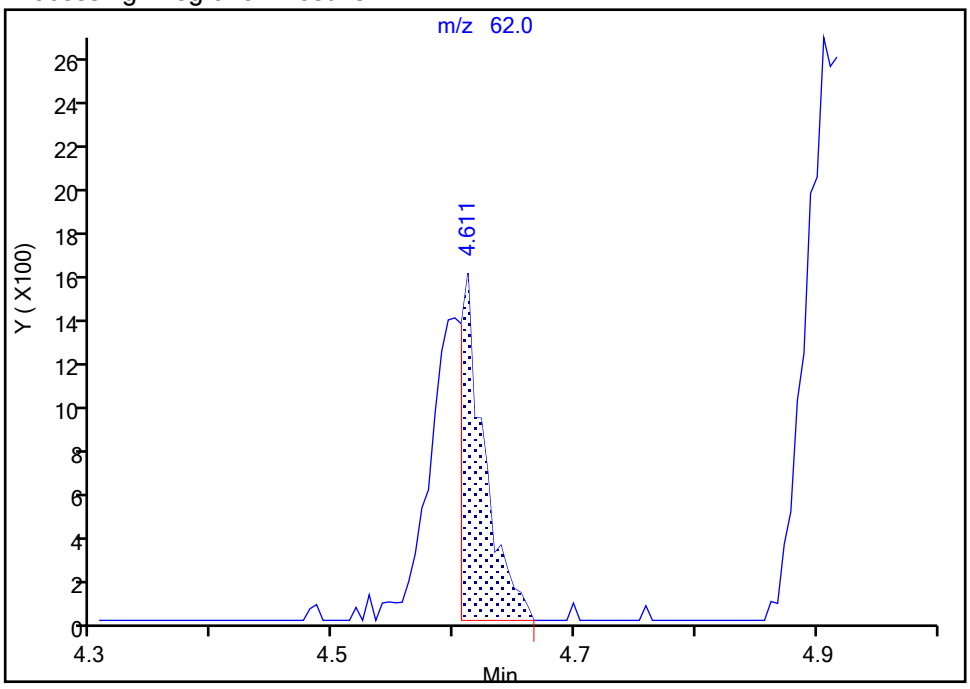
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

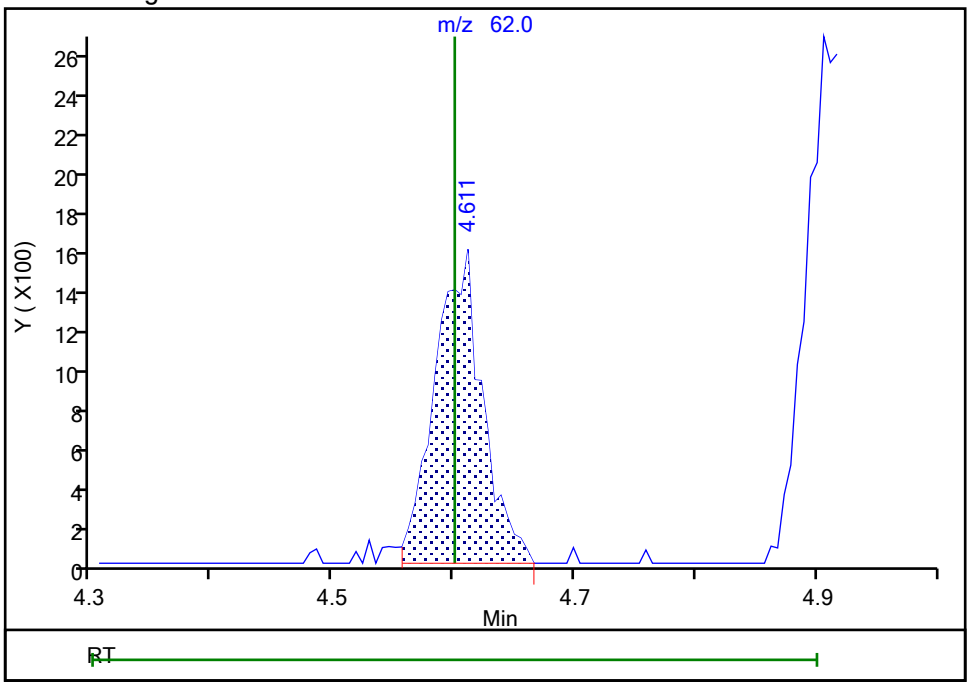
Processing Integration Results

RT: 4.61
Area: 2153
Amount: 0.591640
Amount Units: ug/l



Manual Integration Results

RT: 4.61
Area: 4280
Amount: 1.114650
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:22:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

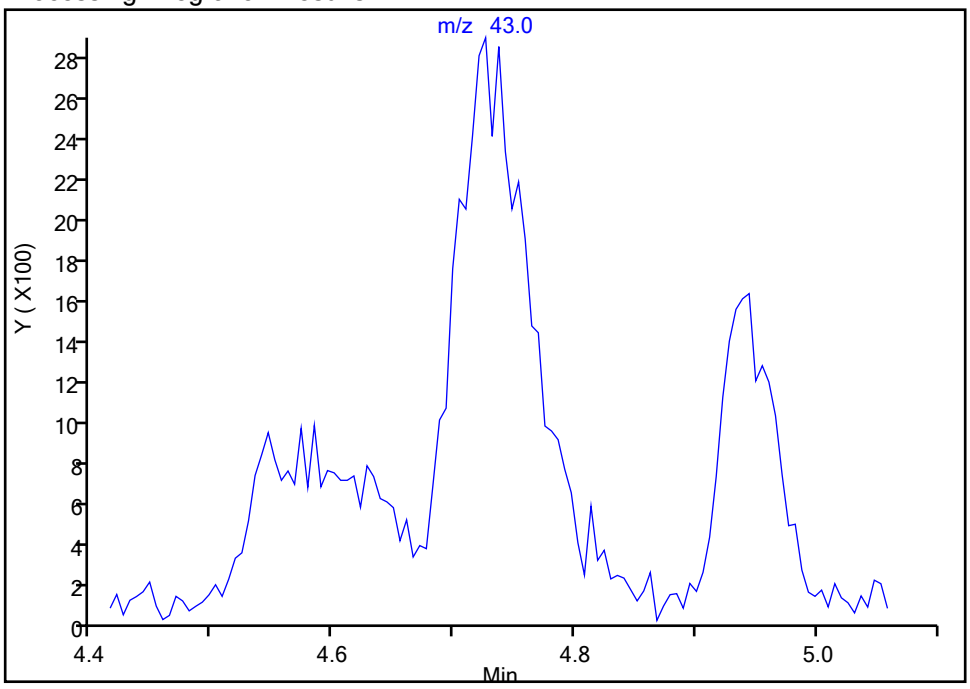
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

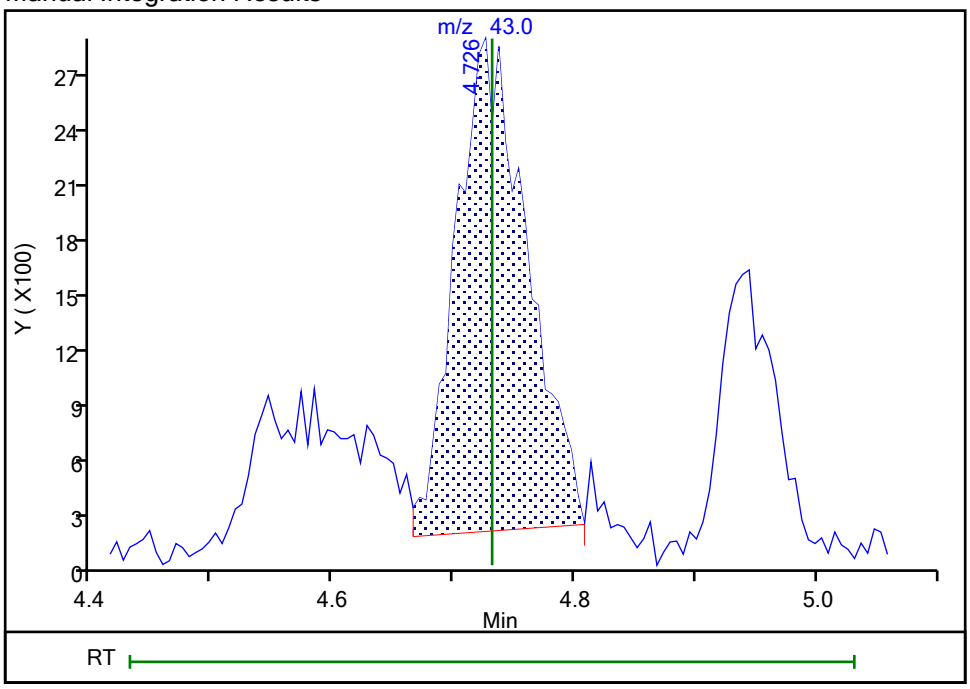
Not Detected
Expected RT: 4.73

Processing Integration Results



Manual Integration Results

RT: 4.73
Area: 10809
Amount: 0.975475
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:23:00
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

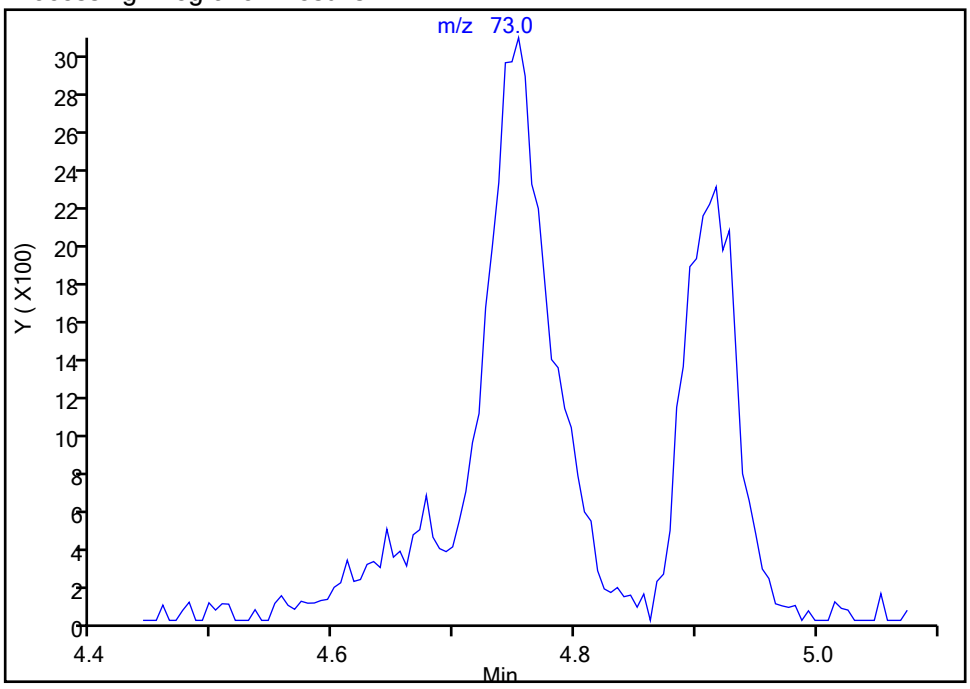
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

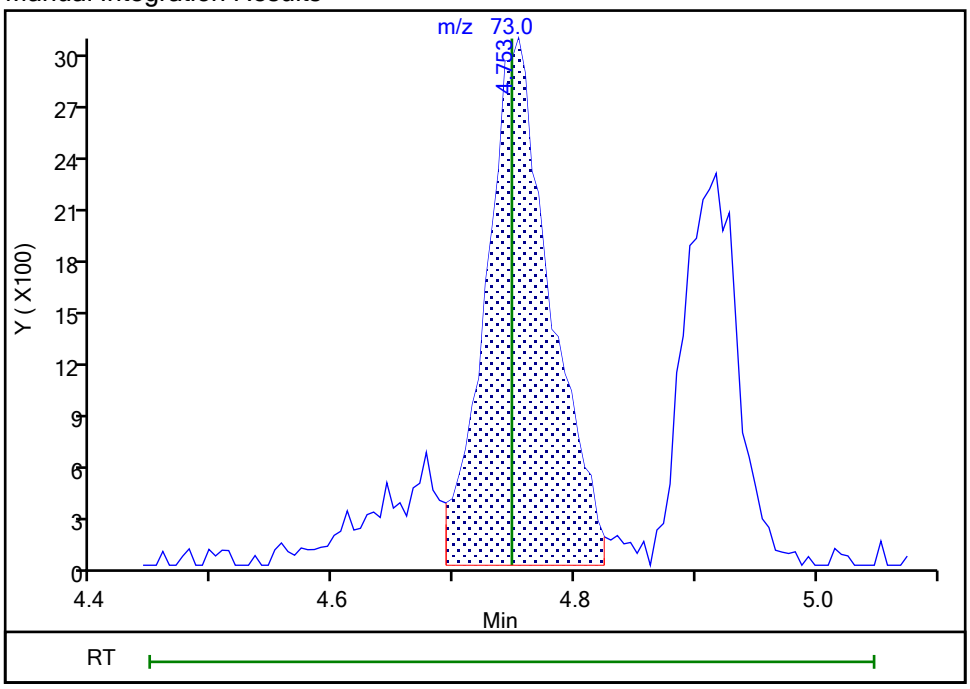
Not Detected
Expected RT: 4.75

Processing Integration Results



Manual Integration Results

RT: 4.75
Area: 11414
Amount: 0.952018
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:23:04
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

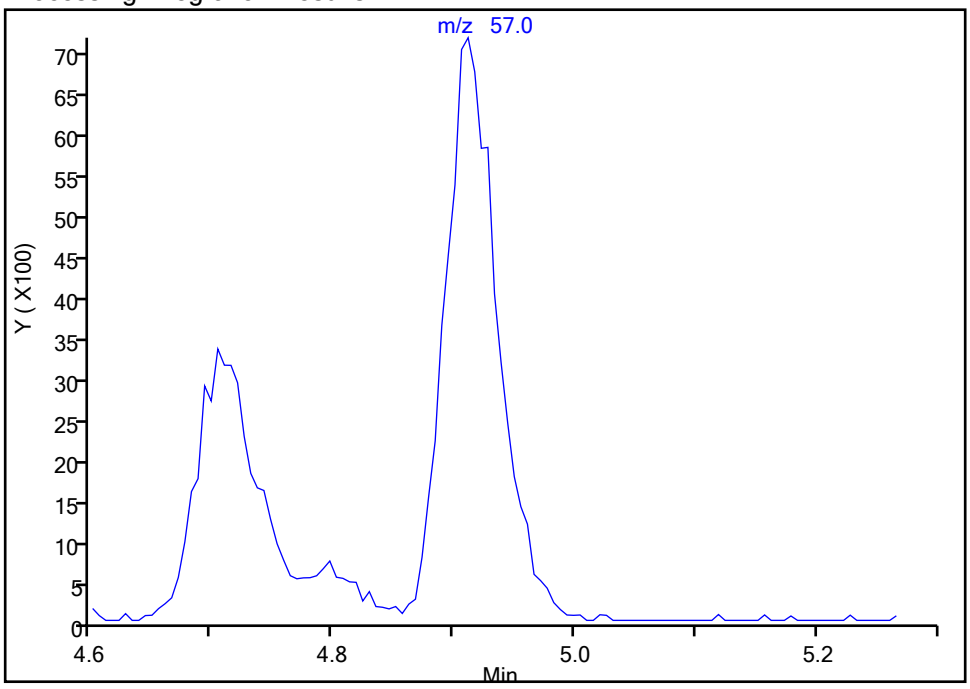
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 n-Heptane, CAS: 142-82-5

Signal: 1

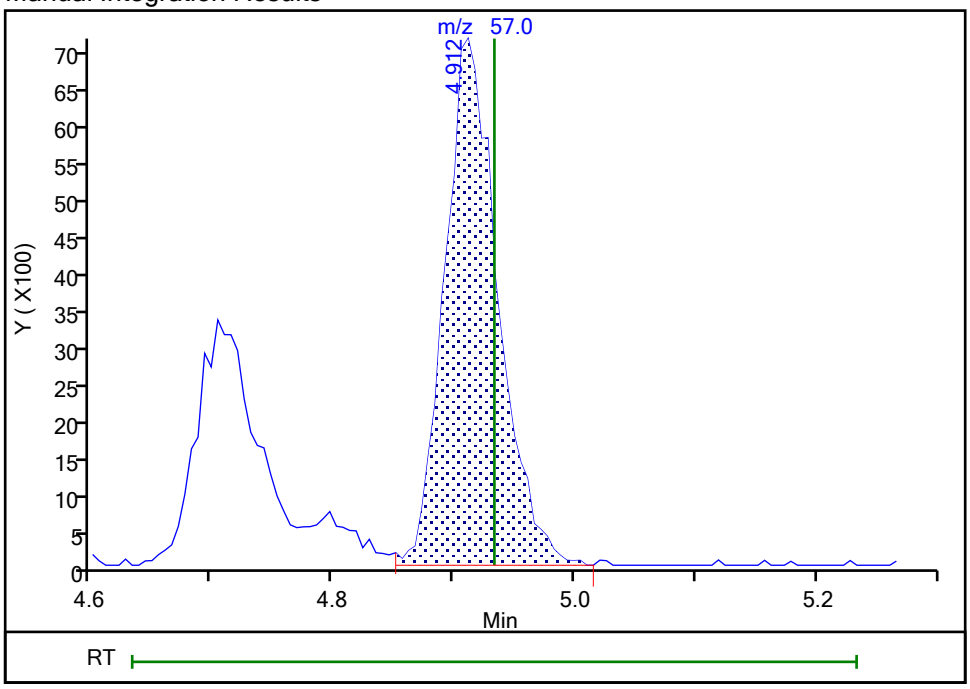
Not Detected
Expected RT: 4.93

Processing Integration Results



Manual Integration Results

RT: 4.91
Area: 21980
Amount: 0.898808
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:23:09
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

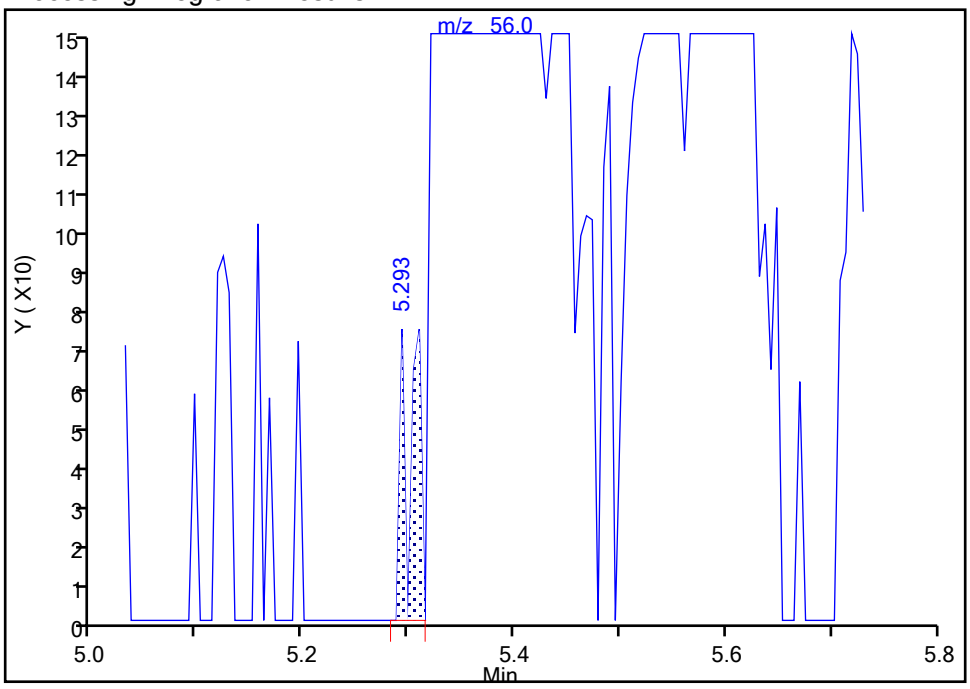
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

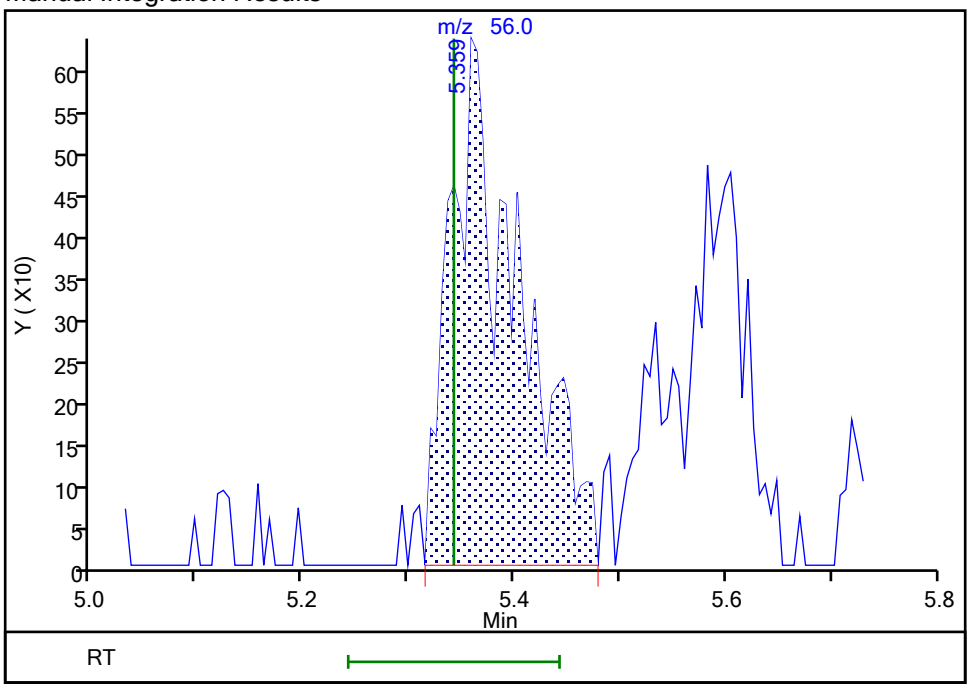
Processing Integration Results

RT: 5.29
Area: 67
Amount: 0.889099
Amount Units: ug/l



Manual Integration Results

RT: 5.36
Area: 2822
Amount: 25.128720
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:23:24
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

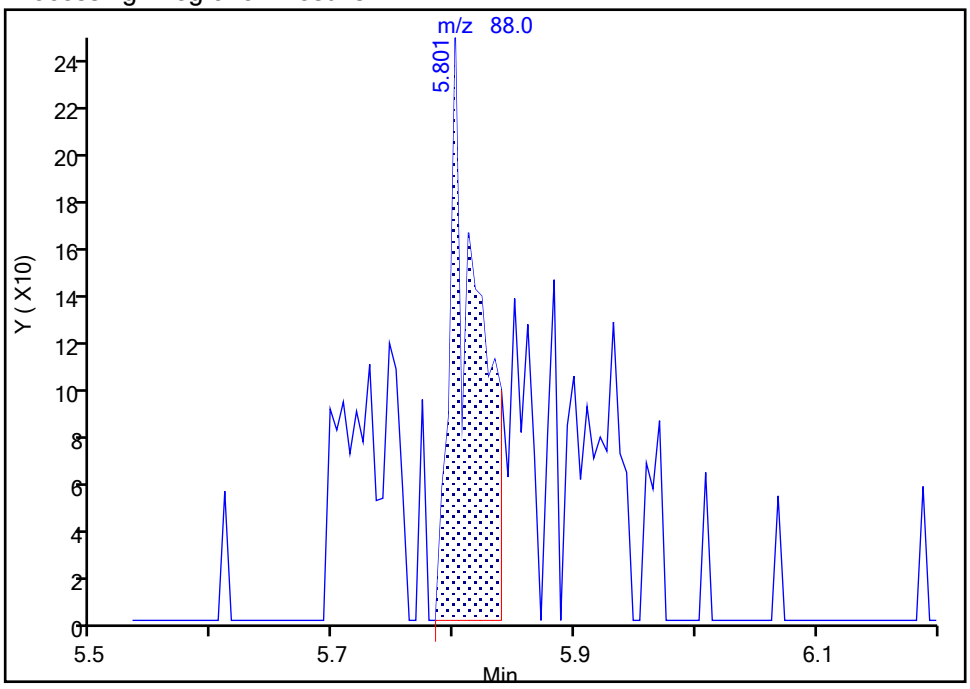
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

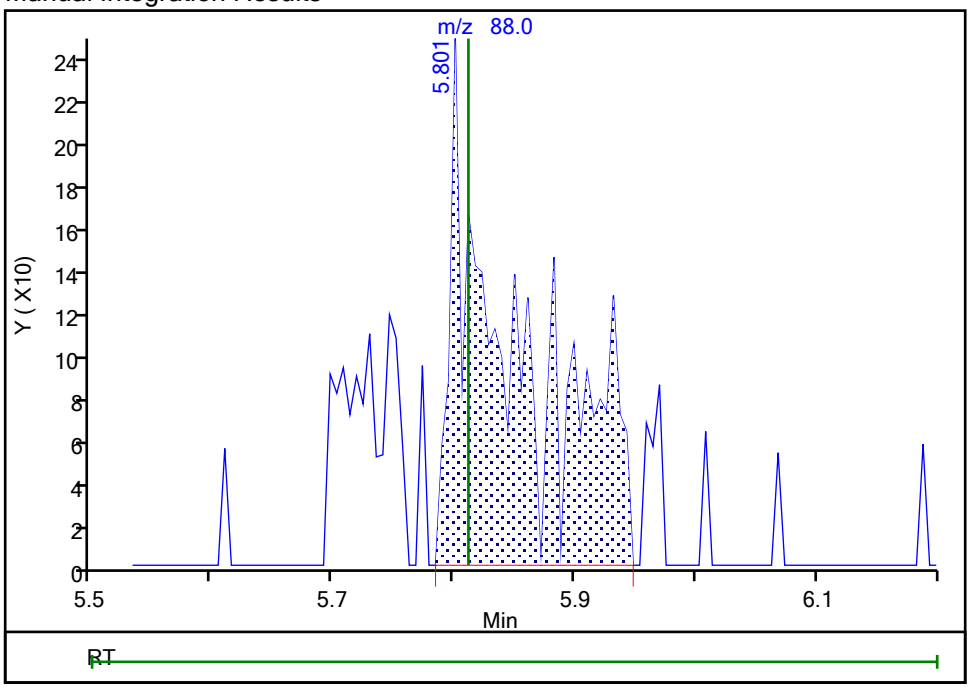
Processing Integration Results

RT: 5.80
Area: 401
Amount: 7.805248
Amount Units: ug/l



Manual Integration Results

RT: 5.80
Area: 897
Amount: 19.284920
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:23:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

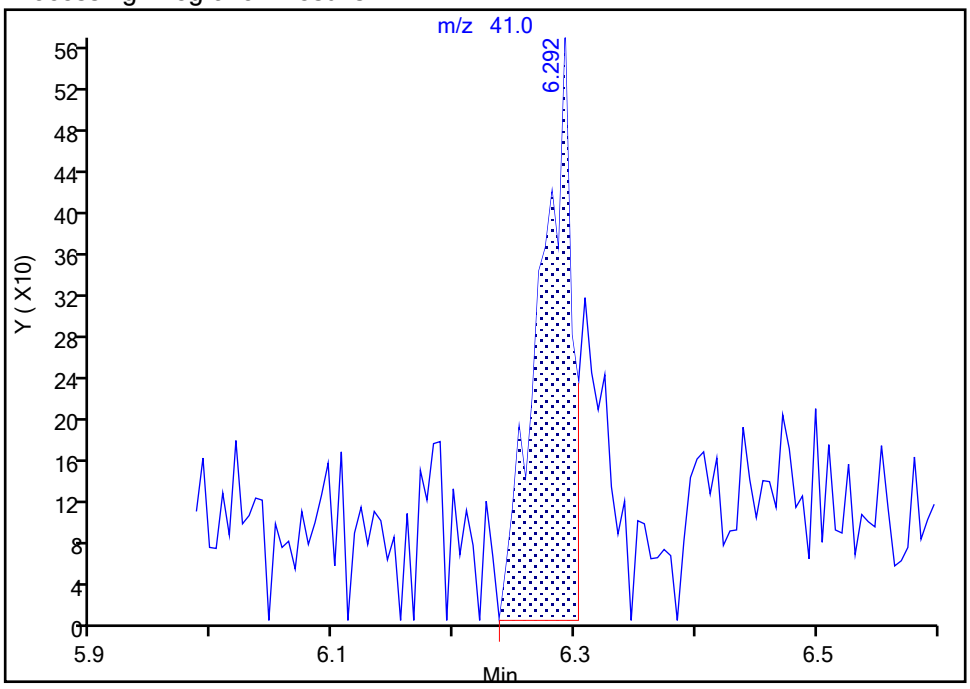
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Signal: 1

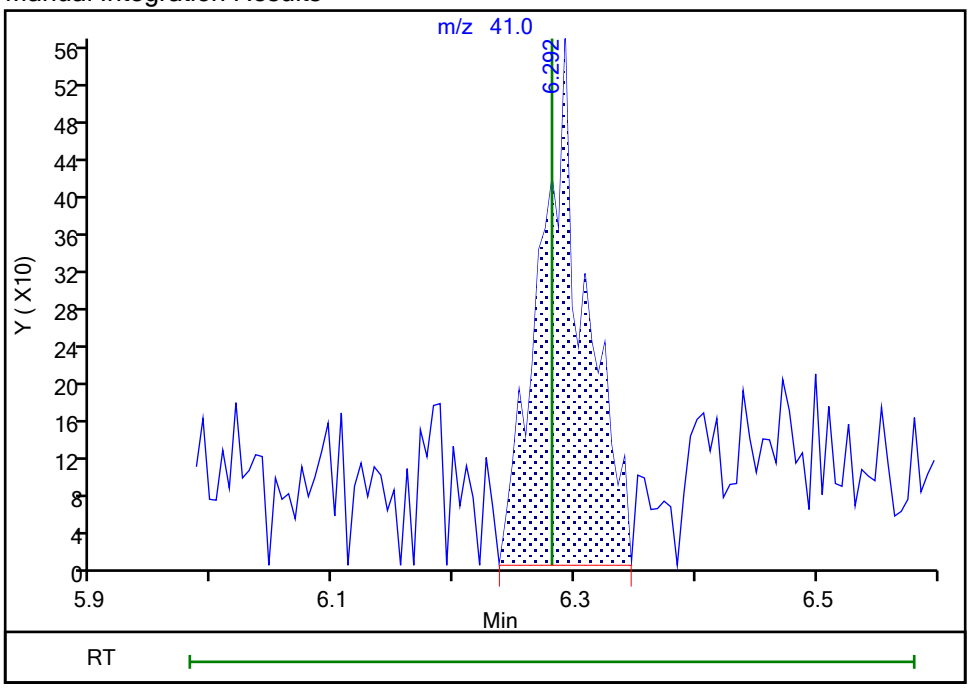
Processing Integration Results

RT: 6.29
Area: 1064
Amount: 2.141746
Amount Units: ug/l



Manual Integration Results

RT: 6.29
Area: 1499
Amount: 2.050836
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:23:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

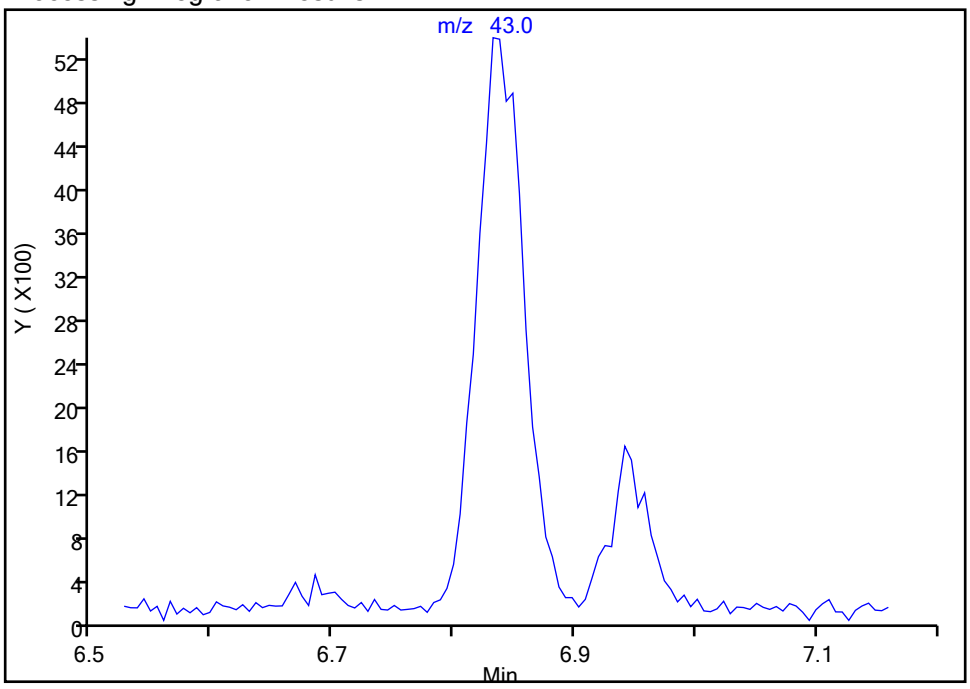
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

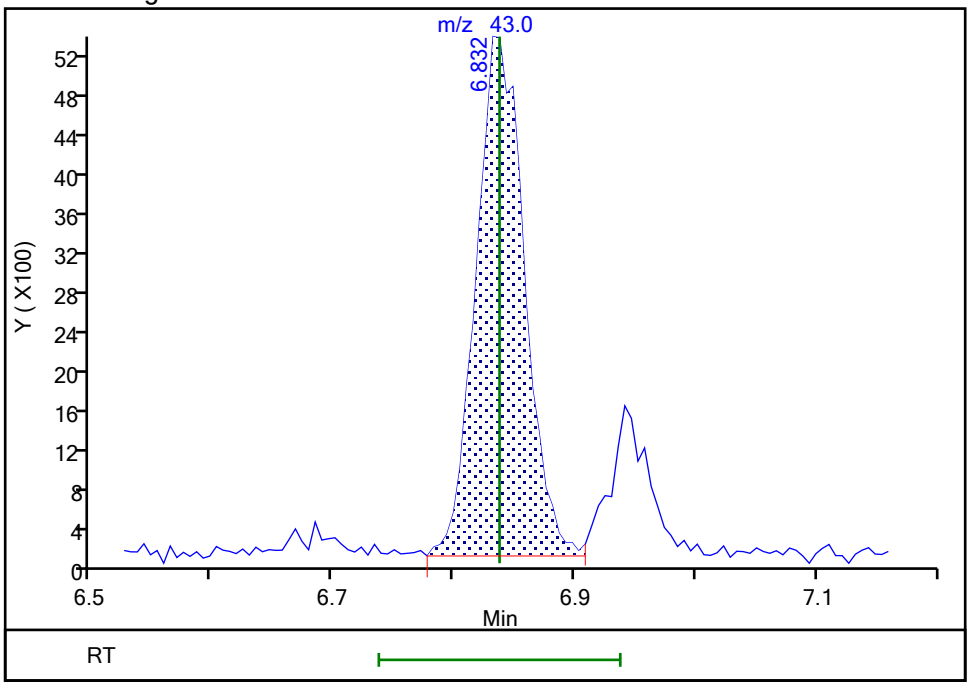
Not Detected
Expected RT: 6.84

Processing Integration Results



Manual Integration Results

RT: 6.83
Area: 14714
Amount: 5.024781
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:24:02
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

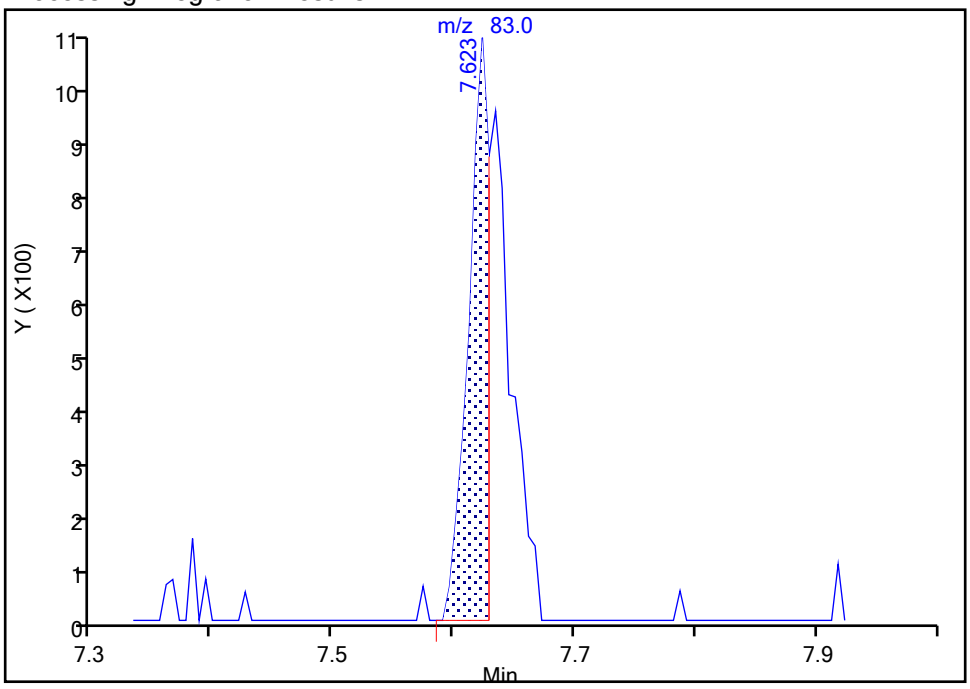
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

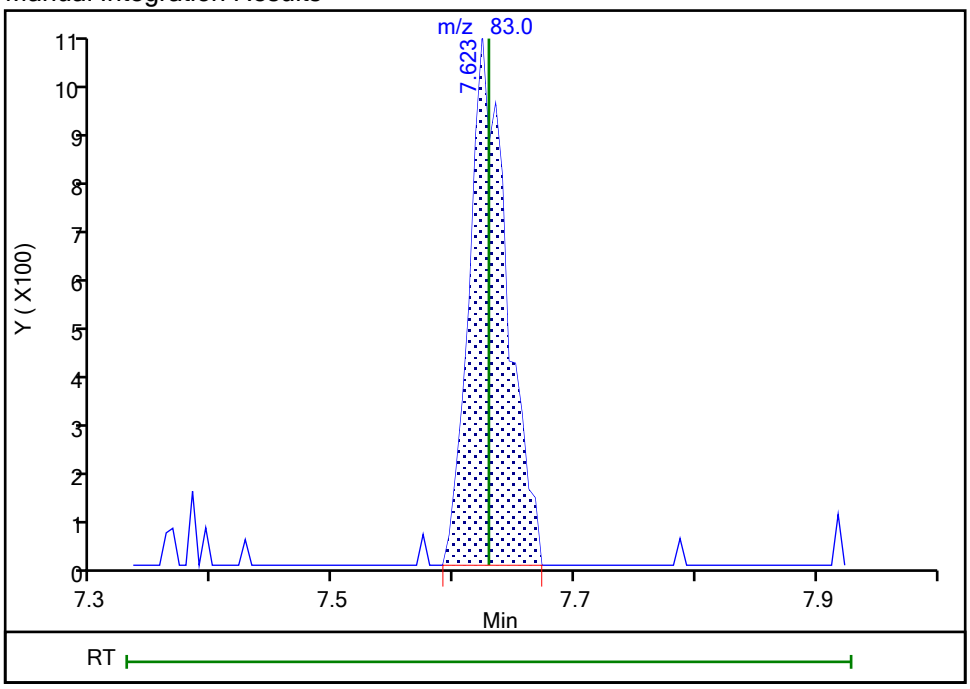
Processing Integration Results

RT: 7.62
Area: 1228
Amount: 0.625059
Amount Units: ug/l



Manual Integration Results

RT: 7.62
Area: 2217
Amount: 1.041116
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:24:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

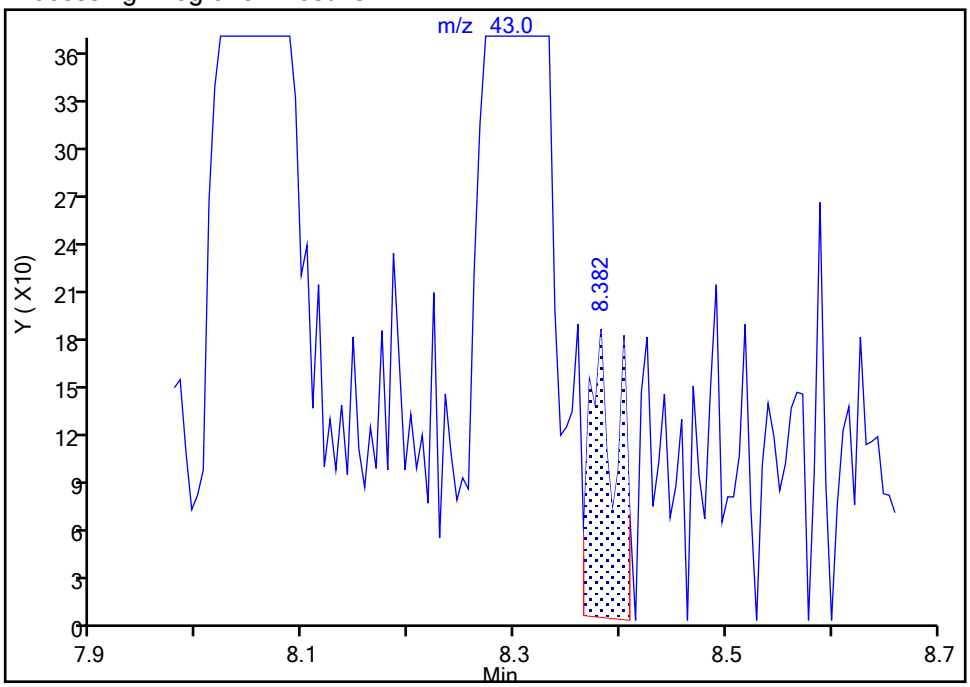
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

91 n-Butyl acetate, CAS: 123-86-4

Signal: 1

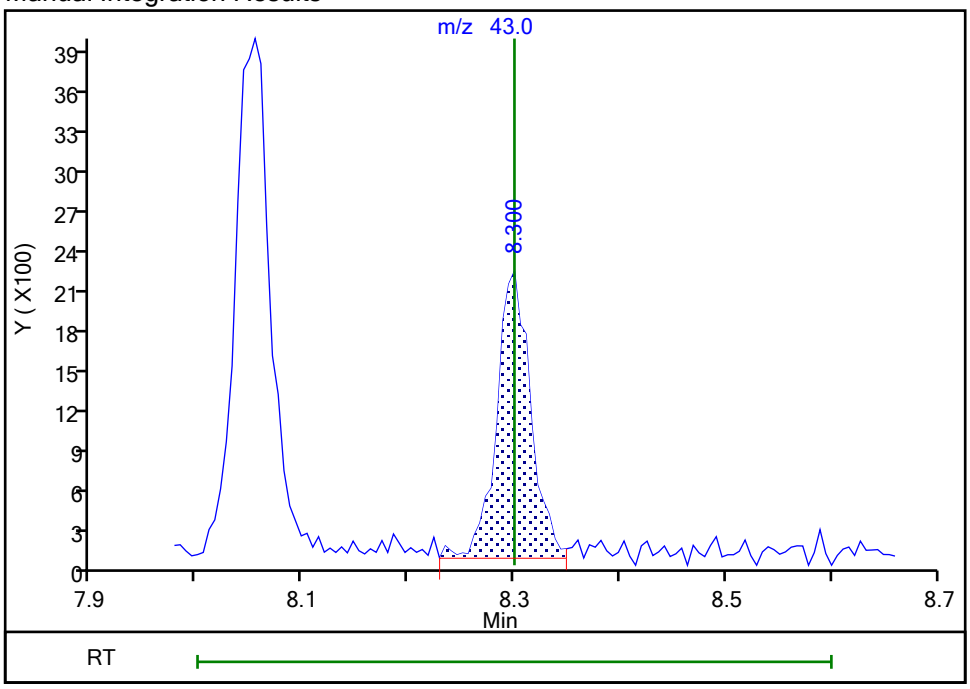
Processing Integration Results

RT: 8.38
Area: 337
Amount: 0.085245
Amount Units: ug/l



Manual Integration Results

RT: 8.30
Area: 4765
Amount: 1.139019
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:24:22
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

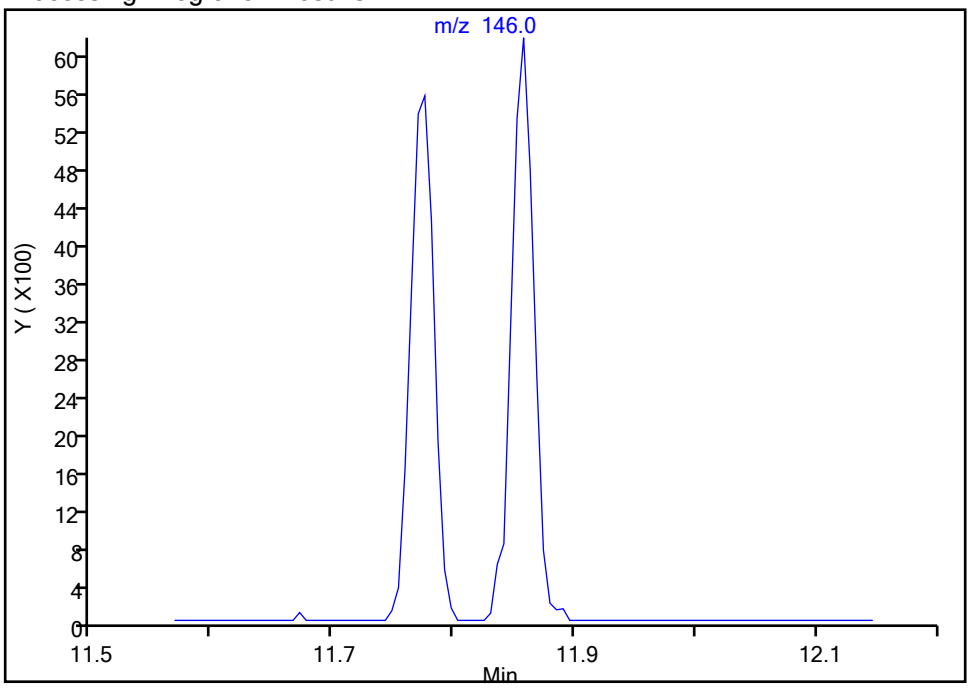
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D				
Injection Date:	01-Apr-2021 11:50:30	Instrument ID:	CVOAMS9		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

122 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

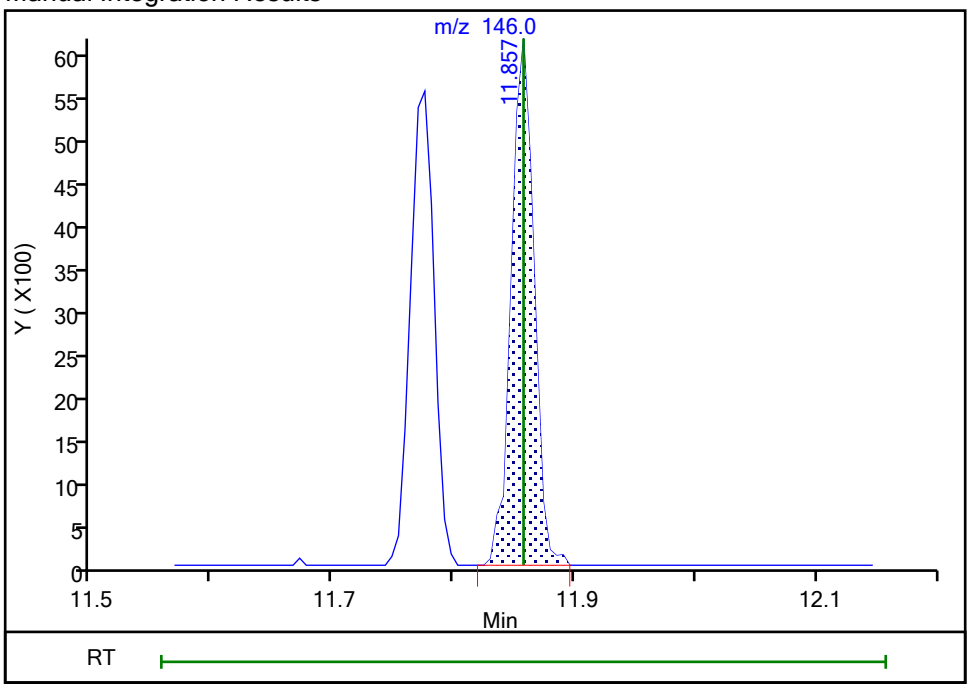
Not Detected
Expected RT: 11.86

Processing Integration Results



Manual Integration Results

RT: 11.86
Area: 8041
Amount: 1.038784
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:25:24
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

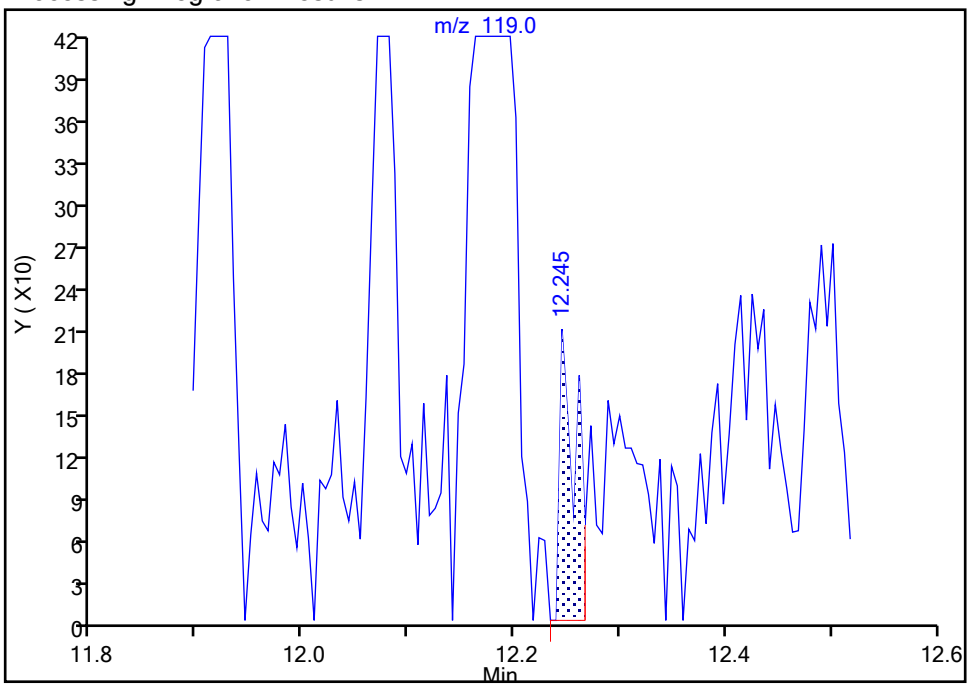
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24319.D
Injection Date: 01-Apr-2021 11:50:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

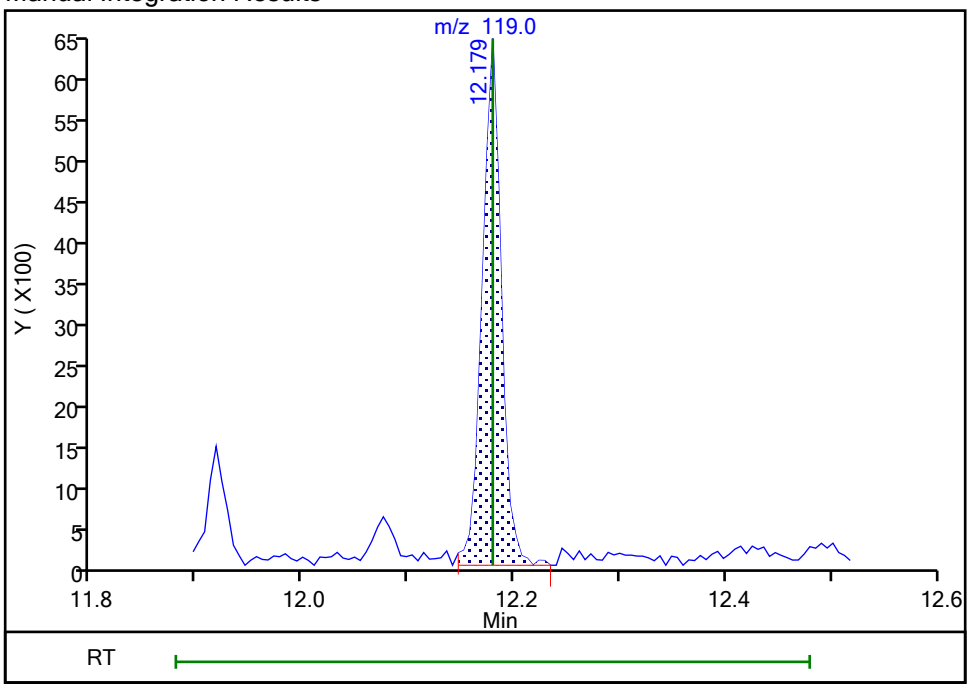
Processing Integration Results

RT: 12.24
Area: 218
Amount: 0.129045
Amount Units: ug/l



Manual Integration Results

RT: 12.18
Area: 8042
Amount: 0.952225
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:25:35
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 01-Apr-2021 12:14:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0126371-004
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 10:12:47 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: baronm Date: 01-Apr-2021 16:24:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.005	0.999	0.006	34	2889	NC	NC	M
2 Chlorotrifluoroethene	116	1.059	1.070	-0.011	82	11890	5.00	5.11	
3 1,1-Difluoroethane	65	1.070	1.070	0.000	91	13195	NC	NC	a
4 Dichlorodifluoromethane	85	1.098	1.087	0.011	89	46123	5.00	5.57	
5 Chlorodifluoromethane	67	1.098	1.103	-0.005	94	5079	5.00	4.79	
6 Chloromethane	50	1.229	1.228	0.001	99	58383	5.00	5.55	
7 Butadiene	54	1.272	1.267	0.005	92	30957	5.00	5.69	
8 Vinyl chloride	62	1.294	1.294	0.000	97	44860	5.00	5.68	
9 Bromomethane	94	1.507	1.496	0.011	99	29392	5.00	5.98	
10 Chloroethane	64	1.529	1.518	0.011	95	18399	5.00	5.49	
11 Dichlorofluoromethane	67	1.687	1.676	0.011	98	49481	5.00	5.54	
13 Pentane	72	1.725	1.719	0.006	97	5821	10.0	11.1	
12 Trichlorofluoromethane	101	1.752	1.741	0.011	95	38463	5.00	5.59	
15 Ethyl ether	59	1.878	1.872	0.006	93	12041	5.00	5.10	
14 Ethanol	46	2.074	1.878	0.196	69	6531	200.0	287.5	M
16 2-Methyl-1,3-butadiene	53	1.900	1.894	0.006	96	12961	5.00	4.96	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.938	1.916	0.022	88	15528	5.00	4.81	a
19 Acrolein	56	1.965	1.965	0.000	96	84480	200.0	210.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.949	1.970	-0.021	90	27022	5.00	5.02	Ma
21 1,1-Dichloroethene	96	2.058	2.052	0.006	97	16617	5.00	5.13	
22 Acetone	43	2.107	2.090	0.017	90	32101	25.0	28.5	
20 112TCTFE	101	2.107	2.107	0.000	97	21821	5.00	5.26	
23 Iodomethane	142	2.172	2.178	-0.006	98	36292	5.00	5.13	
24 Isopropyl alcohol	45	2.222	2.221	0.001	26	10850	50.0	32.4	Ma
25 Carbon disulfide	76	2.232	2.227	0.005	99	72729	5.00	5.37	
26 3-Chloro-1-propene	39	2.347	2.347	0.000	88	18837	5.00	5.18	
27 Methyl acetate	43	2.369	2.363	0.006	99	21570	10.0	9.61	
29 Acetonitrile	41	2.418	2.407	0.011	31	17205	50.0	49.3	Ma
28 Cyclopentene	67	2.418	2.418	0.000	95	39896	5.00	5.00	
31 Methylene Chloride	84	2.451	2.451	0.000	95	20818	5.00	5.13	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.587	2.571	0.016	96	590704	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.636	2.647	-0.011	37	31752	50.0	52.1	Ma
35 Acrylonitrile	53	2.658	2.663	-0.005	92	62116	50.0	49.3	
34 trans-1,2-Dichloroethene	96	2.696	2.691	0.005	94	17885	5.00	5.25	
33 Methyl tert-butyl ether	73	2.707	2.707	0.000	90	55444	5.00	5.02	
36 Hexane	43	2.947	2.953	-0.006	94	14509	5.00	4.85	
38 1,1-Dichloroethane	63	3.073	3.073	0.000	99	29399	5.00	5.09	
39 Vinyl acetate	86	3.127	3.138	-0.011	99	5226	10.0	10.0	
40 2-Chloro-1,3-butadiene	88	3.166	3.165	0.001	83	14793	5.00	5.11	
37 Isopropyl ether	45	3.171	3.165	0.006	90	58826	5.00	5.01	
41 Tert-butyl ethyl ether	87	3.526	3.520	0.006	90	21960	5.00	4.82	
* 42 2-Butanone-d5	46	3.586	3.602	-0.016	97	337206	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.651	3.651	0.000	96	19426	5.00	5.18	
46 2-Butanone (MEK)	72	3.662	3.656	0.006	90	10376	25.0	26.9	
43 2,2-Dichloropropane	79	3.657	3.662	-0.005	71	10256	5.00	5.21	Ma
48 Propionitrile	54	3.722	3.733	-0.011	86	27823	50.0	50.8	a
45 Ethyl acetate	70	3.728	3.738	-0.010	97	3006	10.0	10.4	
47 Methyl acrylate	55	3.760	3.749	0.011	98	17804	5.00	4.99	a
51 Methacrylonitrile	67	3.875	3.880	-0.005	91	60297	50.0	48.0	
50 Chlorobromomethane	128	3.886	3.891	-0.005	52	10028	5.00	5.08	
49 Tetrahydrofuran	72	3.940	3.951	-0.011	69	4517	10.0	10.3	
52 Chloroform	83	3.989	3.989	0.000	99	28894	5.00	5.12	
$ 55 Dibromofluoromethane (Surr)	113	4.159	4.158	0.001	98	222311	50.0	50.8	
54 1,1,1-Trichloroethane	97	4.197	4.180	0.017	93	29174	5.00	5.01	M
53 Cyclohexane	84	4.251	4.257	-0.006	92	29840	5.00	4.84	
57 1,1-Dichloropropene	75	4.360	4.355	0.005	97	20824	5.00	4.94	
56 Carbon tetrachloride	117	4.366	4.366	0.000	87	22896	5.00	4.91	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.513	4.519	-0.006	0	209477	50.0	50.4	
58 Isobutyl alcohol	74	4.590	4.579	0.011	86	6206	125.0	130.6	
60 Benzene	78	4.579	4.584	-0.005	96	66330	5.00	5.08	
64 1,2-Dichloroethane	62	4.601	4.600	0.001	96	20162	5.00	5.10	
59 Isooctane	57	4.704	4.710	-0.006	96	69136	5.00	4.80	a
62 Isopropyl acetate	61	4.732	4.731	0.001	91	6423	5.00	5.61	a
63 Tert-amyl methyl ether	73	4.753	4.748	0.005	95	60243	5.00	4.88	
* 66 Fluorobenzene	96	4.912	4.911	0.001	99	629447	50.0	50.0	
65 n-Heptane	43	4.944	4.933	0.011	92	25374	5.00	4.82	a
68 n-Butanol	56	5.359	5.342	0.017	37	14545	125.0	121.9	M
69 Trichloroethene	95	5.348	5.348	0.000	97	15584	5.00	4.92	
70 Ethyl acrylate	55	5.528	5.528	0.000	97	16582	5.00	5.04	
71 Methylcyclohexane	83	5.594	5.593	0.001	94	33369	5.00	4.69	
72 1,2-Dichloropropane	63	5.621	5.615	0.006	91	17331	5.00	4.94	
* 73 1,4-Dioxane-d8	96	5.746	5.746	0.000	93	44336	1000.0	1000.0	
77 Dibromomethane	93	5.757	5.763	-0.006	94	10129	5.00	4.98	
75 1,4-Dioxane	88	5.801	5.812	-0.011	29	5558	100.0	113.0	Ma
74 Methyl methacrylate	69	5.828	5.823	0.005	92	19114	10.0	9.78	
76 n-Propyl acetate	43	5.921	5.921	0.000	97	19425	5.00	4.87	
78 Dichlorobromomethane	83	5.986	5.986	0.000	99	19965	5.00	4.96	
79 2-Nitropropane	41	6.292	6.281	0.011	99	4874	10.0	8.77	
67 2-Chloroethyl vinyl ether	63	6.428	6.423	0.005	94	8620	5.01	4.88	
80 Epichlorohydrin	57	6.472	6.472	0.000	99	31727	100.0	101.9	
81 cis-1,3-Dichloropropene	75	6.587	6.587	0.000	91	24730	5.00	5.03	
82 4-Methyl-2-pentanone (MIBK)	43	6.838	6.838	0.000	96	78615	25.0	25.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.947	6.947	0.000	99	842567	50.0	50.1	
84 Toluene	91	7.040	7.034	0.006	93	68638	5.00	4.96	
85 trans-1,3-Dichloropropene	75	7.378	7.378	0.000	96	21133	5.00	4.94	
86 Ethyl methacrylate	69	7.585	7.580	0.005	91	17052	5.00	4.56	
87 1,1,2-Trichloroethane	83	7.629	7.629	0.000	95	11286	5.00	5.01	
88 Tetrachloroethene	166	7.814	7.814	0.000	97	18669	5.00	5.07	
89 1,3-Dichloropropane	76	7.863	7.863	0.000	95	21926	5.00	4.88	
90 2-Hexanone	43	8.054	8.054	0.000	97	47315	25.0	24.9	
92 Chlorodibromomethane	129	8.185	8.180	0.005	98	14131	5.00	4.71	
91 n-Butyl acetate	43	8.300	8.300	0.000	98	20544	5.00	4.64	
93 Ethylene Dibromide	107	8.316	8.316	0.000	99	13379	5.00	4.85	Ma
* 94 Chlorobenzene-d5	117	9.053	9.053	0.000	84	536298	50.0	50.0	
95 Chlorobenzene	112	9.091	9.096	-0.005	96	45553	5.00	5.03	
97 1,1,1,2-Tetrachloroethane	131	9.255	9.255	0.000	94	19544	5.00	4.83	
96 Ethylbenzene	106	9.315	9.315	0.000	98	24277	5.00	4.82	
98 m-Xylene & p-Xylene	106	9.511	9.511	0.000	0	29469	5.00	4.72	
100 o-Xylene	106	10.068	10.068	0.000	94	31390	5.00	4.76	
101 Styrene	104	10.084	10.090	-0.006	97	45581	5.00	4.67	
99 n-Butyl acrylate	73	10.122	10.128	-0.006	97	10103	5.00	4.41	
103 Bromoform	173	10.281	10.281	0.001	97	9698	5.00	4.43	
102 Amyl acetate (mixed isomers)	43	10.428	10.428	0.000	91	24005	5.00	4.84	
104 Isopropylbenzene	105	10.543	10.542	0.001	95	85089	5.00	4.69	
$ 105 4-Bromofluorobenzene	174	10.690	10.695	-0.005	97	291338	50.0	49.5	
106 Bromobenzene	156	10.826	10.826	0.000	92	22188	5.00	5.25	
107 1,1,2,2-Tetrachloroethane	83	10.892	10.892	0.000	98	21262	5.00	5.01	
109 1,2,3-Trichloropropane	110	10.914	10.913	0.001	97	5923	5.00	5.16	
110 trans-1,4-Dichloro-2-butene	53	10.957	10.952	0.005	89	4868	5.00	4.94	
108 N-Propylbenzene	91	10.995	11.001	-0.006	100	93634	5.00	4.89	
111 2-Chlorotoluene	91	11.055	11.055	0.000	96	57317	5.00	4.98	
112 4-Ethyltoluene	105	11.121	11.121	0.000	99	78256	5.00	4.96	
114 4-Chlorotoluene	91	11.170	11.170	0.000	97	60081	5.00	4.95	
113 1,3,5-Trimethylbenzene	105	11.192	11.192	0.000	93	71502	5.00	4.74	
115 Butyl Methacrylate	87	11.334	11.339	-0.005	90	19026	5.00	4.45	
116 tert-Butylbenzene	119	11.497	11.497	0.000	96	55144	5.00	4.60	
117 1,2,4-Trimethylbenzene	105	11.547	11.546	0.000	97	72337	5.00	4.77	
118 sec-Butylbenzene	105	11.705	11.705	0.000	99	92250	5.00	4.77	
120 1,3-Dichlorobenzene	146	11.776	11.776	0.000	97	41049	5.00	5.07	
* 121 1,4-Dichlorobenzene-d4	152	11.836	11.836	0.000	94	330356	50.0	50.0	
119 4-Isopropyltoluene	119	11.847	11.846	0.001	99	82423	5.00	4.74	
122 1,4-Dichlorobenzene	146	11.858	11.857	0.001	95	42865	5.00	5.22	
123 1,2,3-Trimethylbenzene	105	11.918	11.917	0.001	98	80041	5.00	4.85	
124 Benzyl chloride	91	11.983	11.983	0.000	99	33815	5.00	4.66	
125 2,3-Dihydroindene	117	12.076	12.081	-0.005	94	74513	5.00	4.89	
128 1,2-Dichlorobenzene	146	12.174	12.174	0.000	98	43607	5.00	5.13	
126 p-Diethylbenzene	119	12.179	12.179	0.000	95	42013	5.00	4.69	a
127 n-Butylbenzene	92	12.196	12.196	0.000	97	41562	5.00	4.74	
129 1,2,4,5-Tetramethylbenzene	119	12.801	12.801	0.000	97	79887	5.00	4.75	
130 1,2-Dibromo-3-Chloropropane	157	12.807	12.807	0.000	83	5857	5.00	4.72	
131 1,3,5-Trichlorobenzene	180	12.971	12.976	-0.005	97	40527	5.00	4.96	
132 1,2,4-Trichlorobenzene	180	13.429	13.429	0.000	93	39423	5.00	5.00	
133 Hexachlorobutadiene	225	13.565	13.565	0.000	97	19236	5.00	4.73	
134 Naphthalene	128	13.598	13.598	0.000	99	83284	5.00	4.76	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.773	13.773	0.000	95	40002	5.00	4.86	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.4	
S 137 Xylenes, Total	100				0		10.0	9.48	
S 139 Total BTEX	1				0		25.0	24.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00135	Amount Added: 5.00	Units: uL		
ACROLEIN W_00122	Amount Added: 20.00	Units: uL		
524freon_00034	Amount Added: 5.00	Units: uL		
GASES Li_00414	Amount Added: 5.00	Units: uL		
8260SURR250_00216	Amount Added: 1.00	Units: uL	Run Reagent	
8260ISNEW_00120	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 30-Apr-2021 10:12:54 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D

Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9 Operator ID:

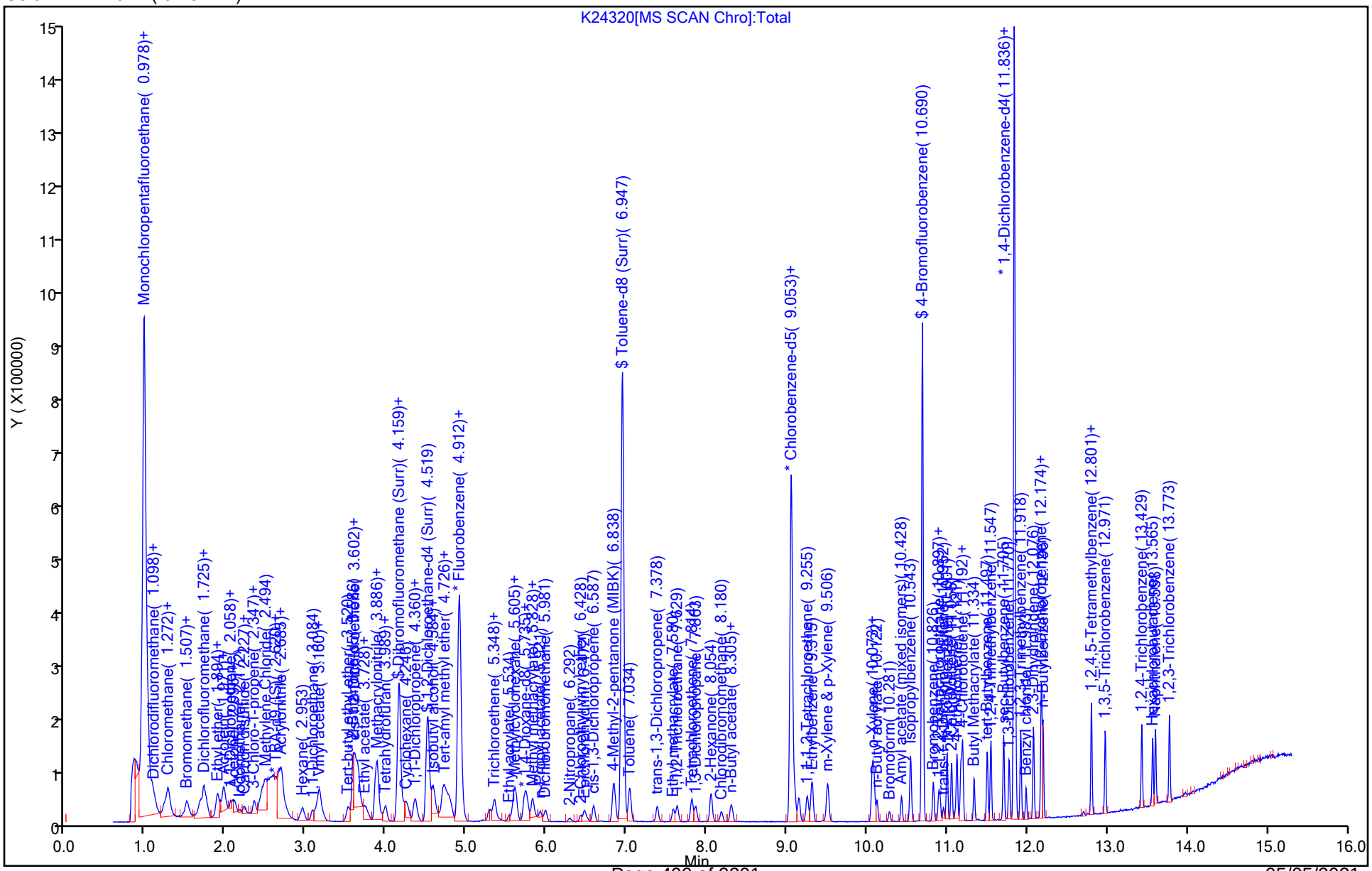
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

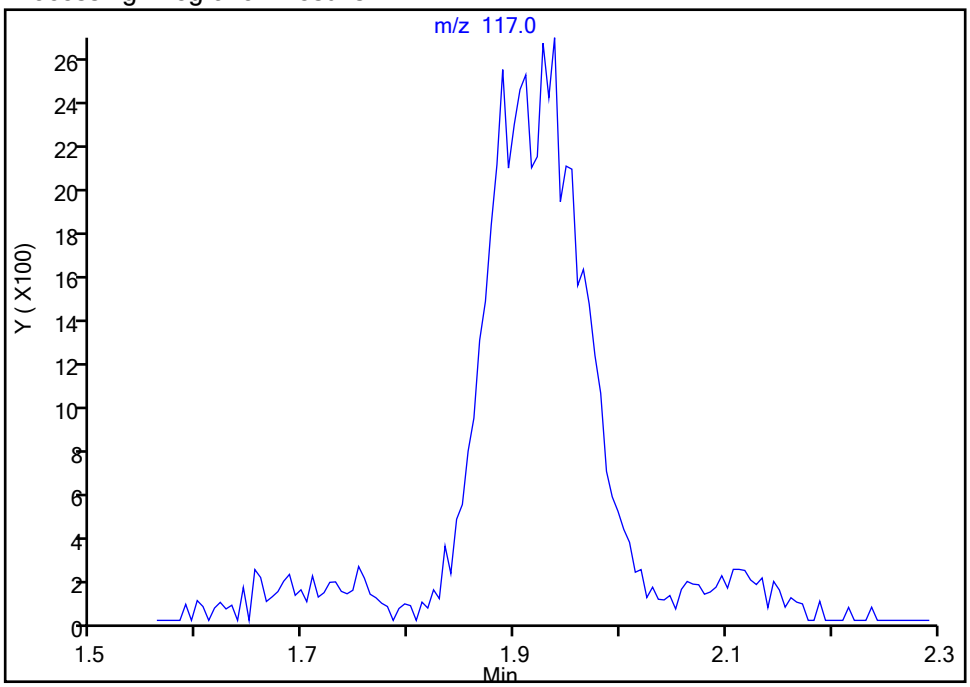
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

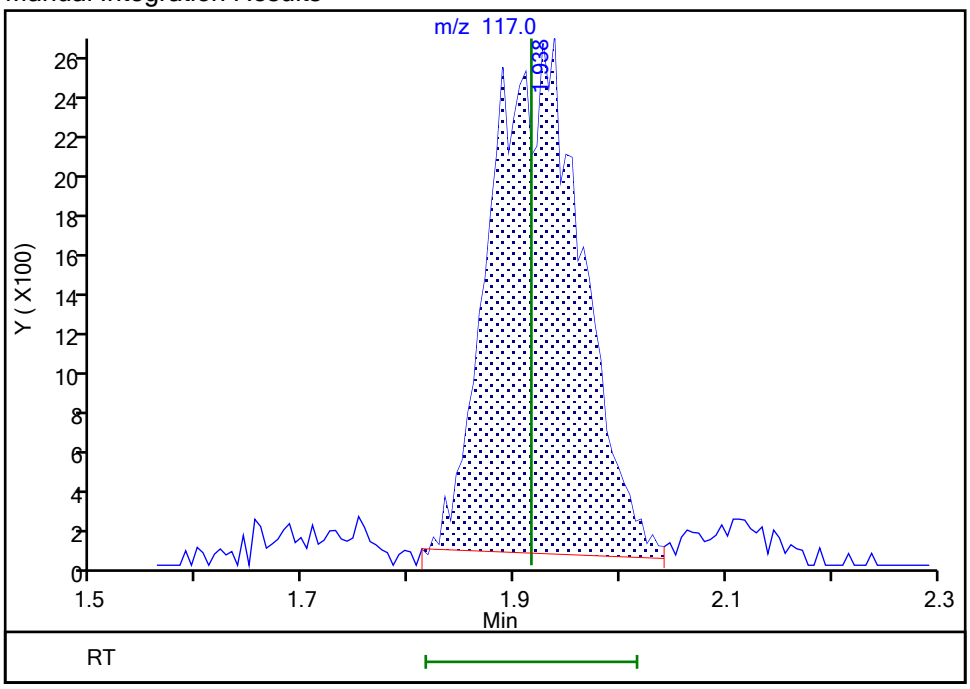
Not Detected
Expected RT: 1.92

Processing Integration Results



Manual Integration Results

RT: 1.94
Area: 15528
Amount: 4.814216
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:27:08
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

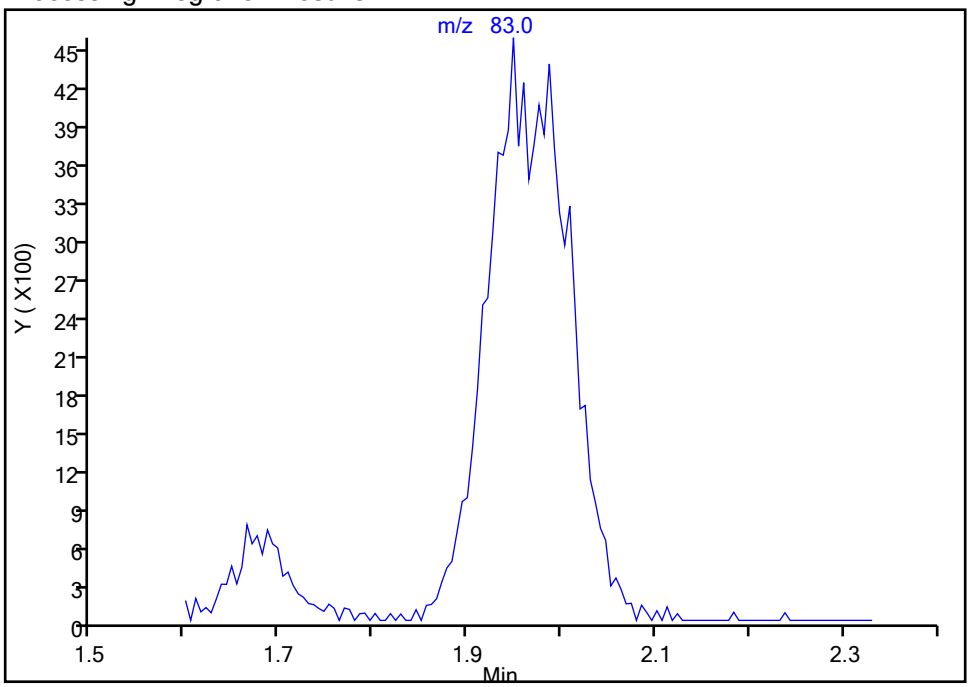
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

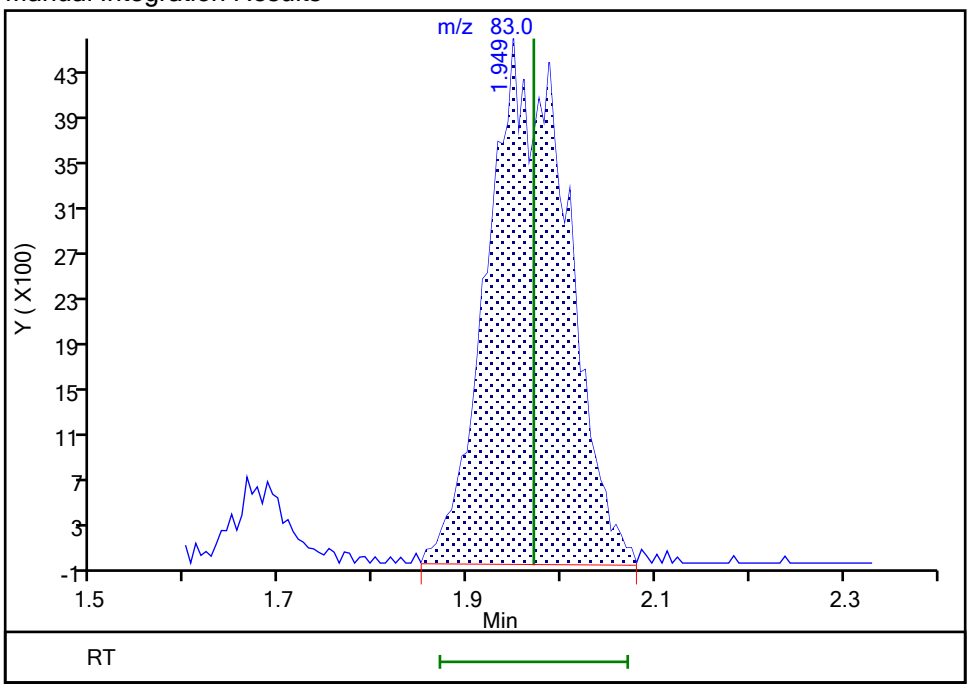
Not Detected
Expected RT: 1.97

Processing Integration Results



Manual Integration Results

RT: 1.95
Area: 27022
Amount: 5.024136
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:27:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

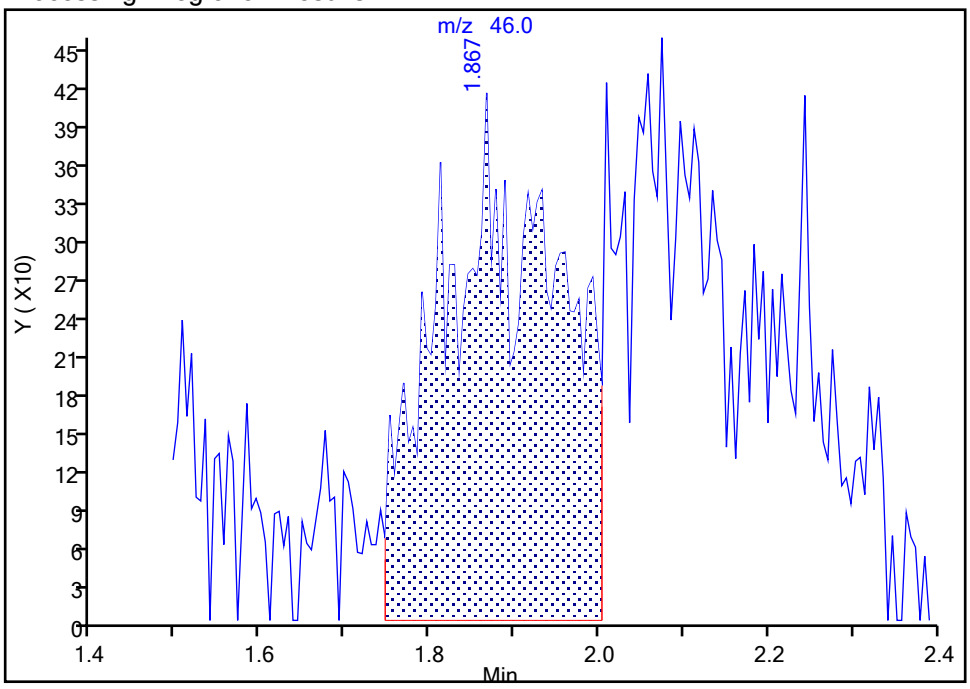
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

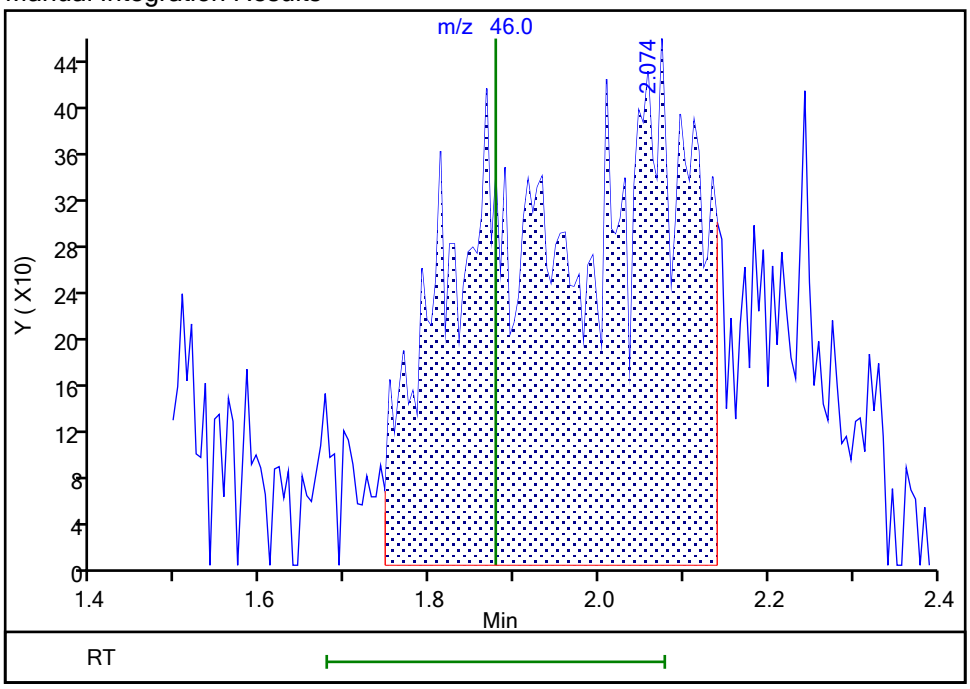
Processing Integration Results

RT: 1.87
Area: 3823
Amount: 198.9084
Amount Units: ug/l



Manual Integration Results

RT: 2.07
Area: 6531
Amount: 287.5327
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:27:02
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

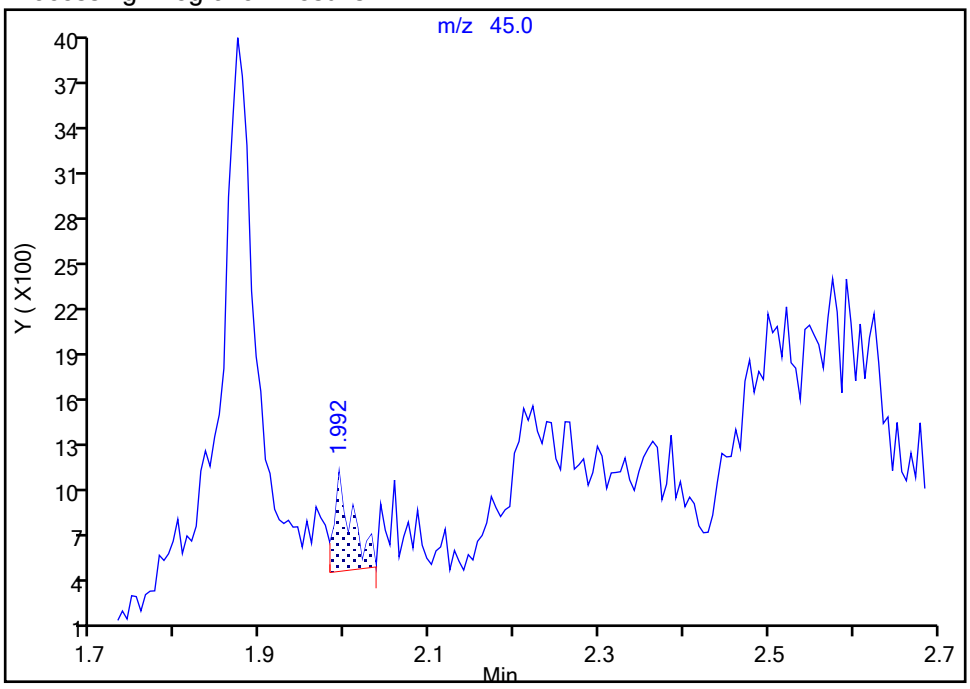
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

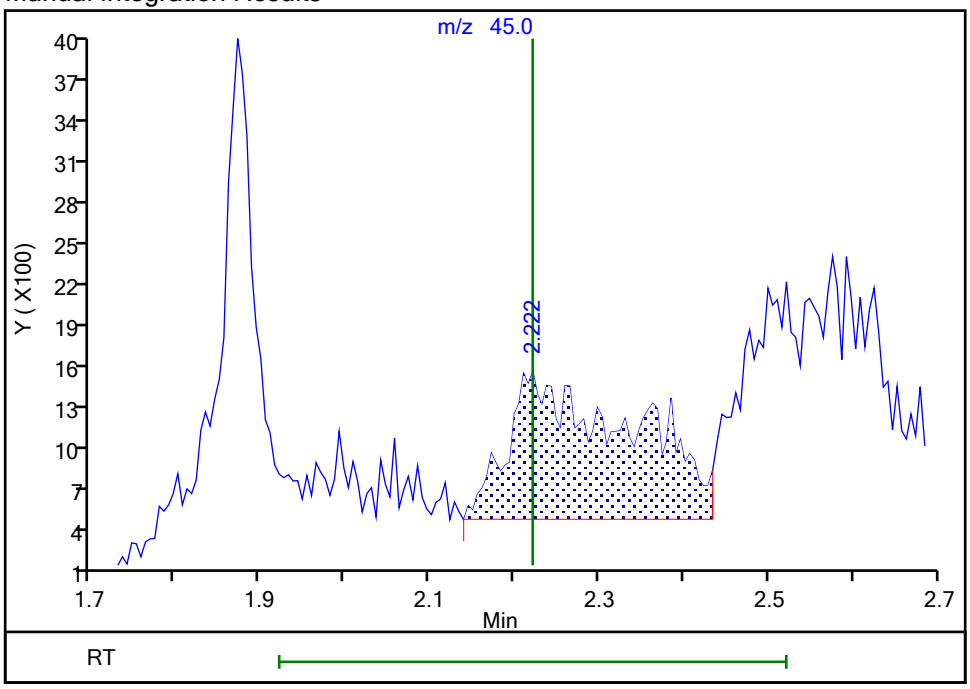
Processing Integration Results

RT: 1.99
Area: 959
Amount: 6.327939
Amount Units: ug/l



Manual Integration Results

RT: 2.22
Area: 10850
Amount: 32.406225
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:27:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

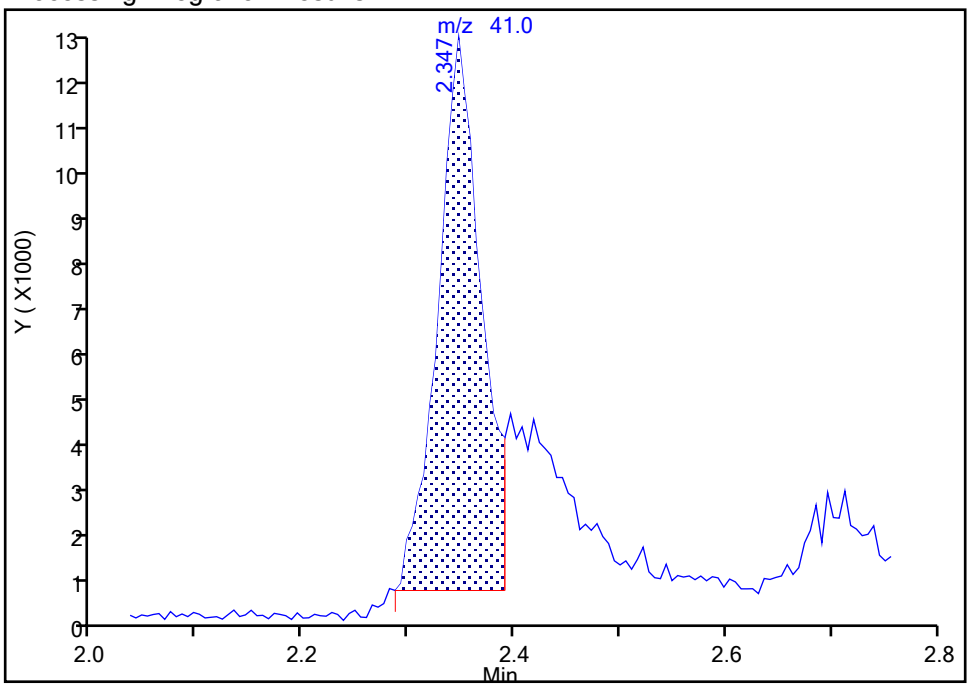
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

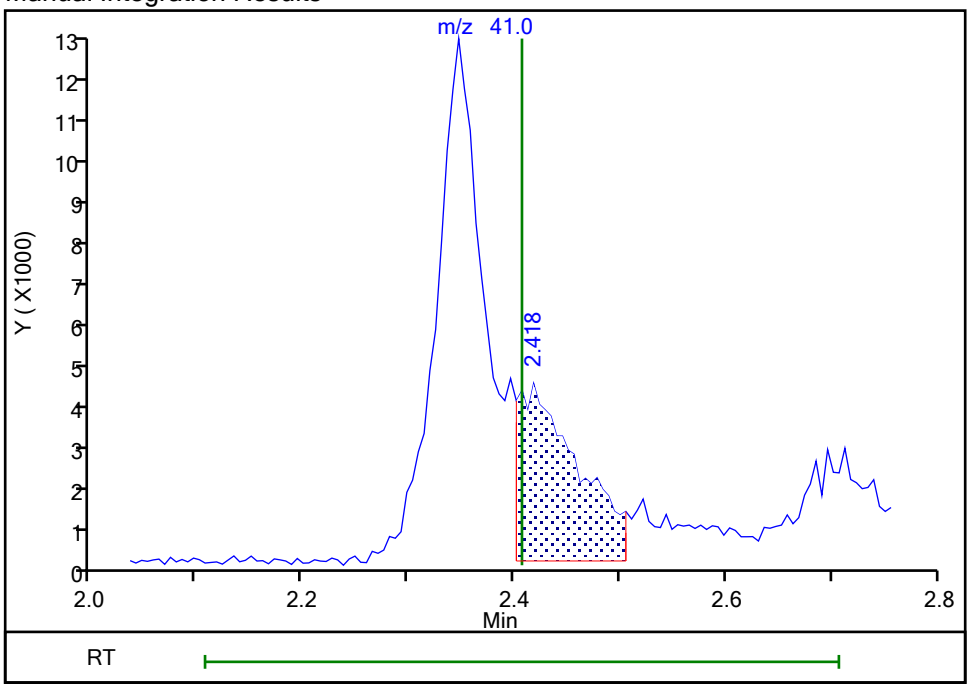
Processing Integration Results

RT: 2.35
Area: 34674
Amount: 55.908651
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 17205
Amount: 49.300996
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:28:16
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

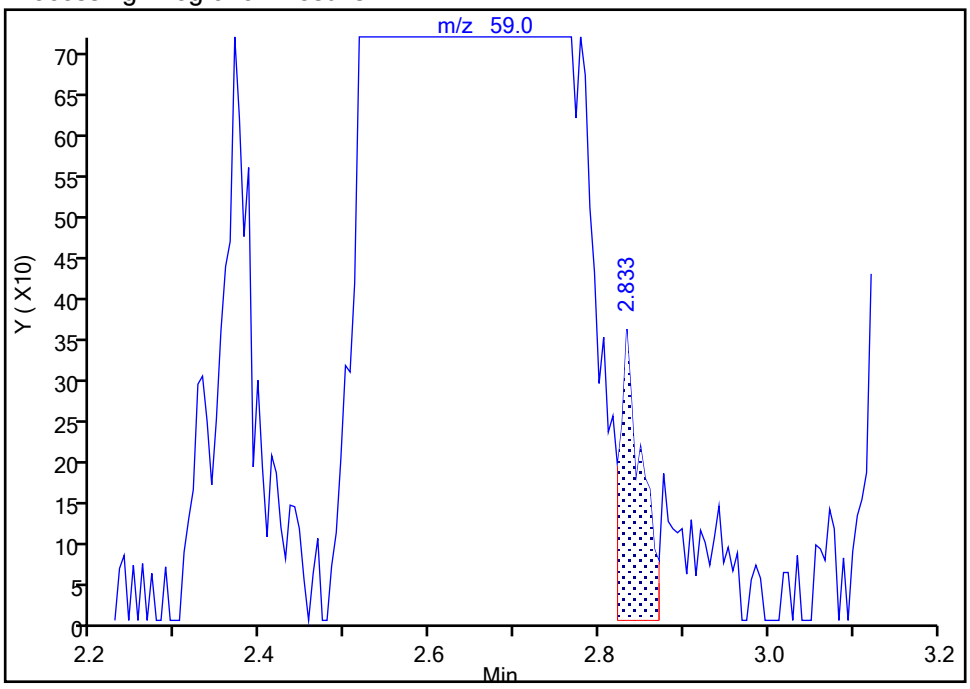
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

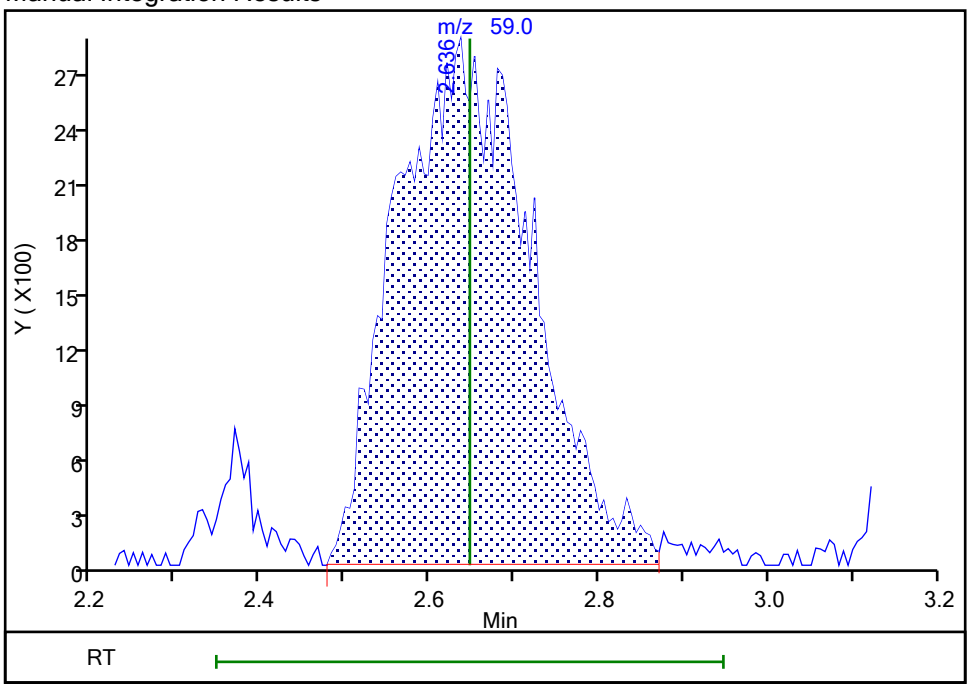
Processing Integration Results

RT: 2.83
Area: 637
Amount: 1.452645
Amount Units: ug/l



Manual Integration Results

RT: 2.64
Area: 31752
Amount: 52.068395
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:28:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

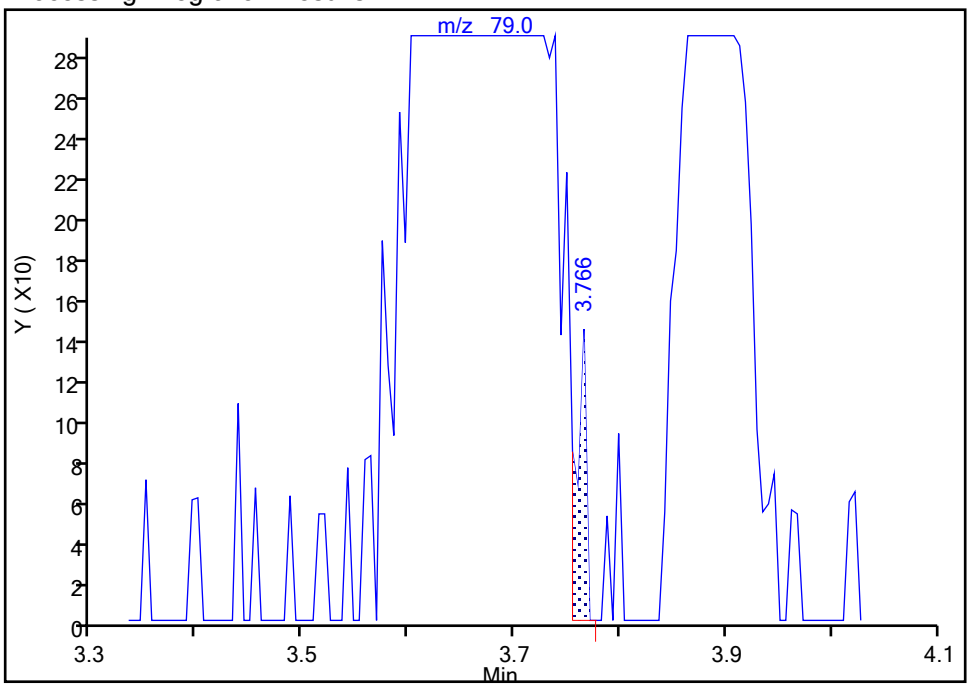
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

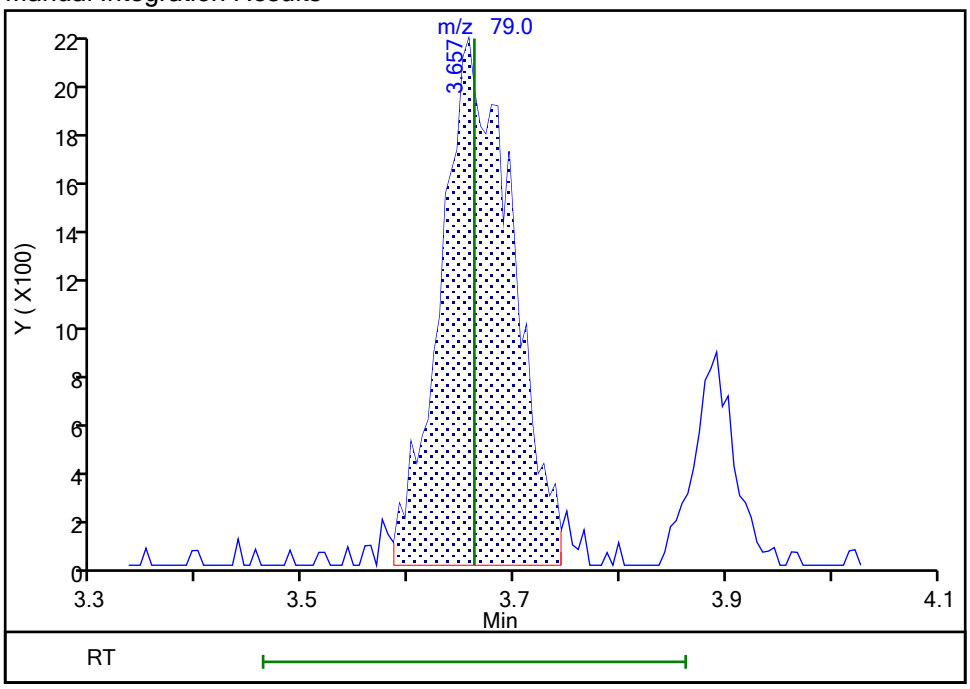
Processing Integration Results

RT: 3.77
Area: 96
Amount: 0.063542
Amount Units: ug/l



Manual Integration Results

RT: 3.66
Area: 10256
Amount: 5.214832
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:28:53
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

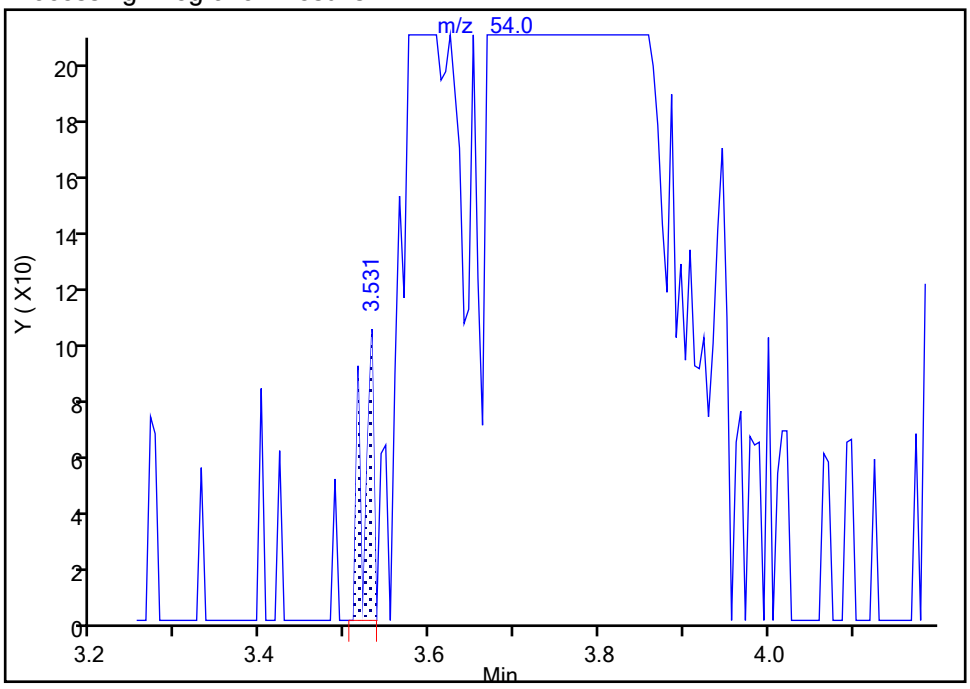
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

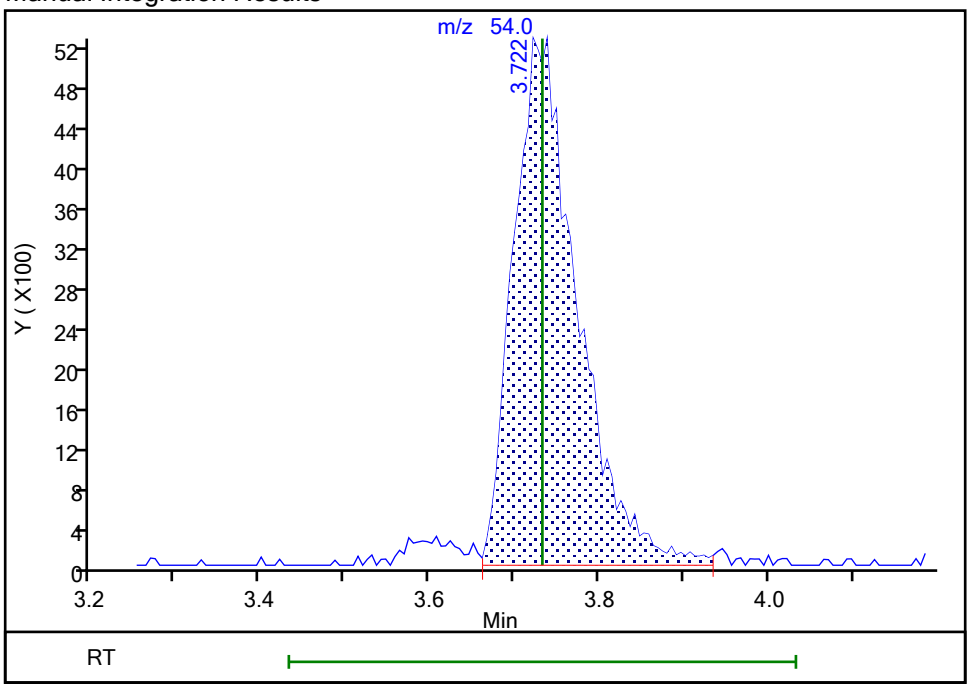
Processing Integration Results

RT: 3.53
Area: 82
Amount: 0.293636
Amount Units: ug/l



Manual Integration Results

RT: 3.72
Area: 27823
Amount: 50.812120
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:28:58
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

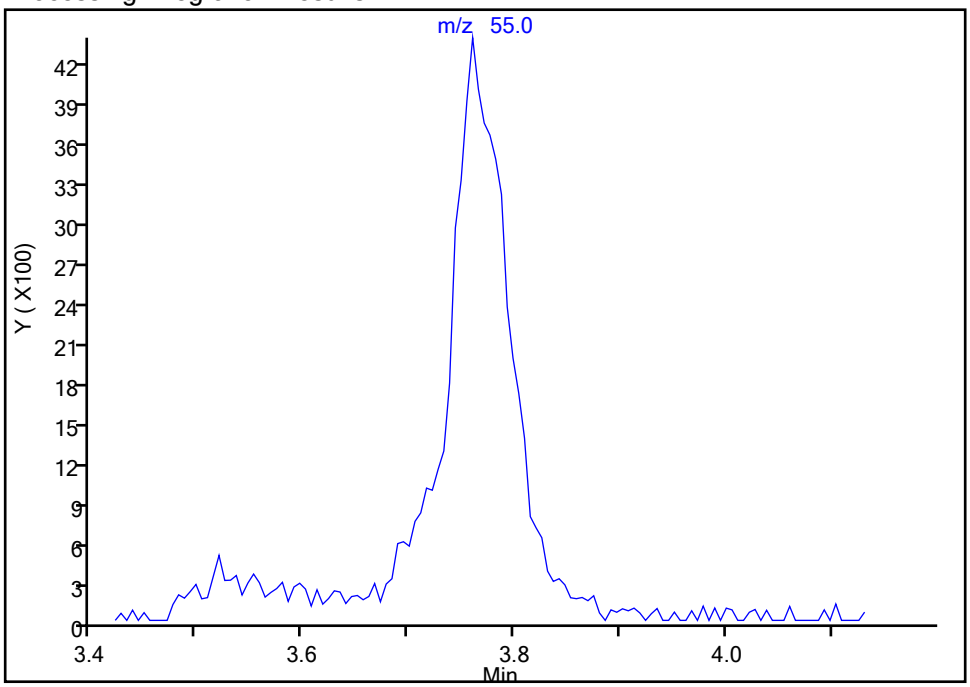
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

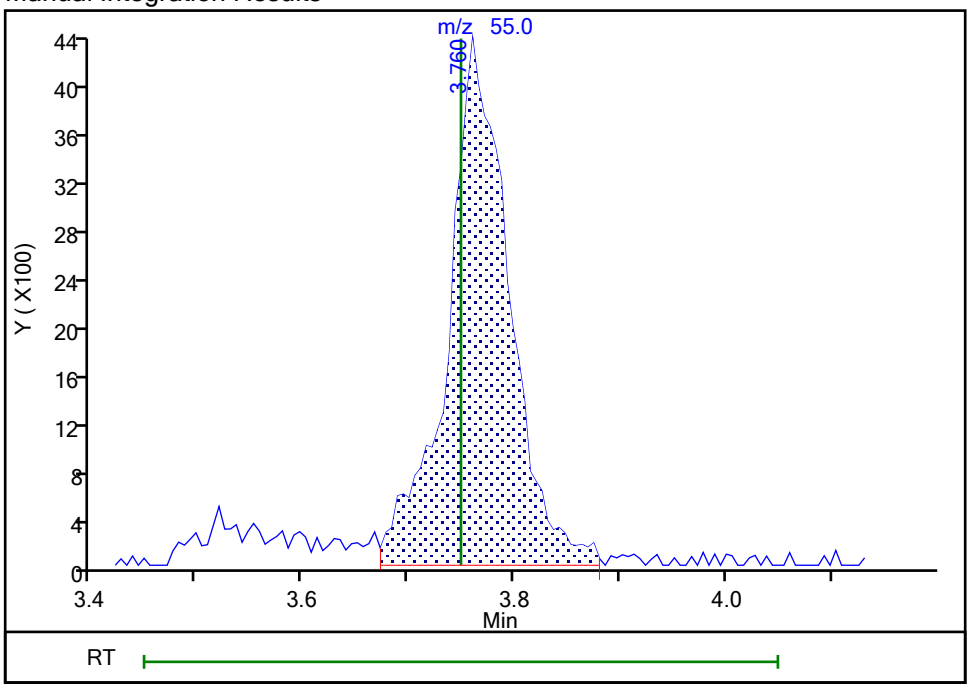
Not Detected
Expected RT: 3.75

Processing Integration Results



Manual Integration Results

RT: 3.76
Area: 17804
Amount: 4.992360
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:29:03
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

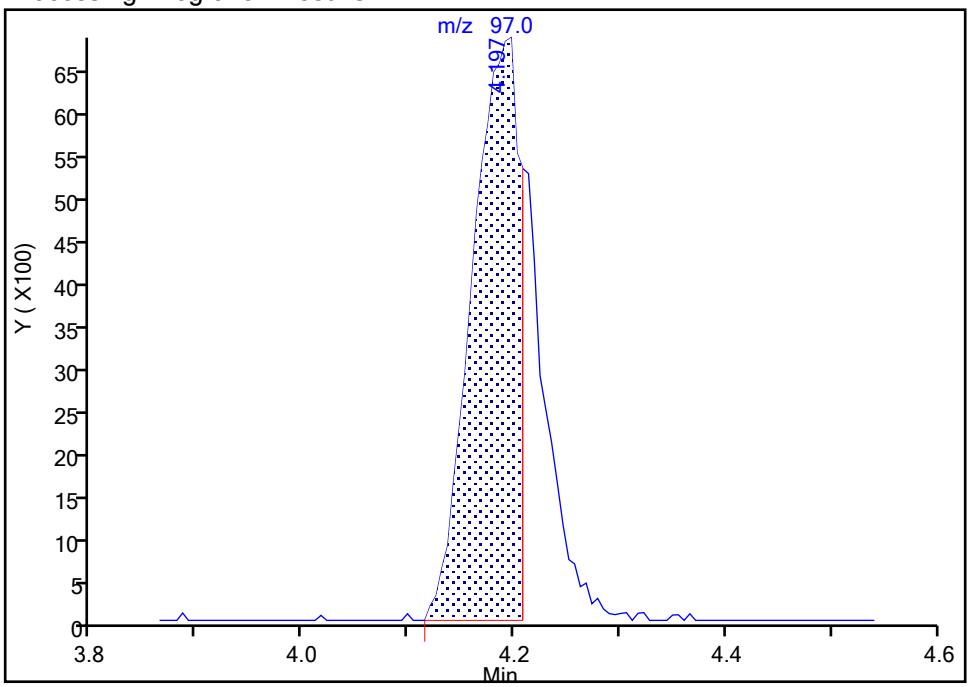
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

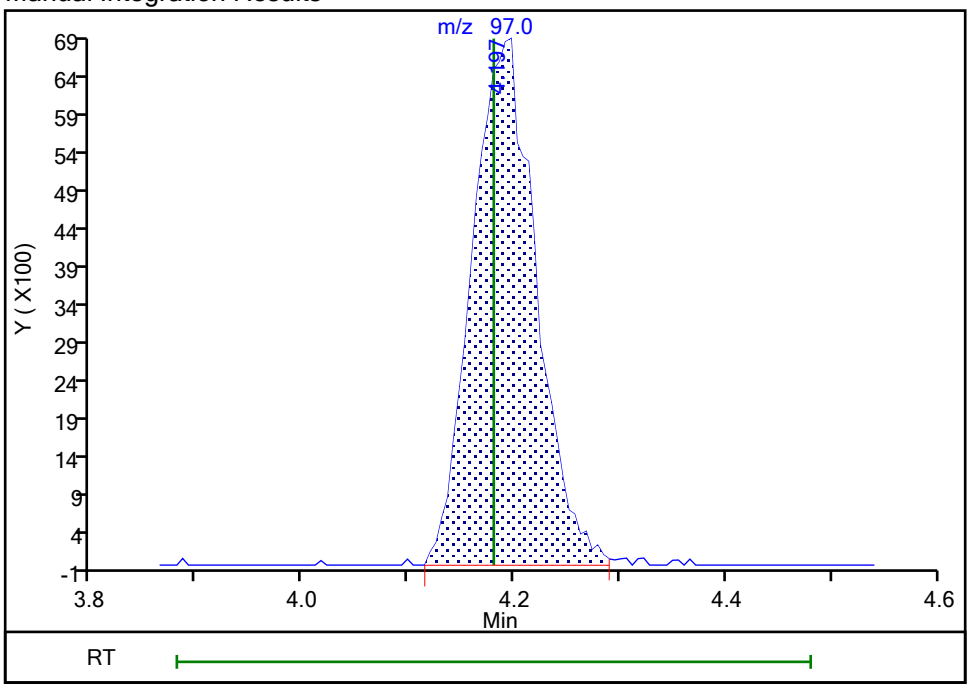
Processing Integration Results

RT: 4.20
Area: 21734
Amount: 3.971701
Amount Units: ug/l



Manual Integration Results

RT: 4.20
Area: 29174
Amount: 5.013120
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:29:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

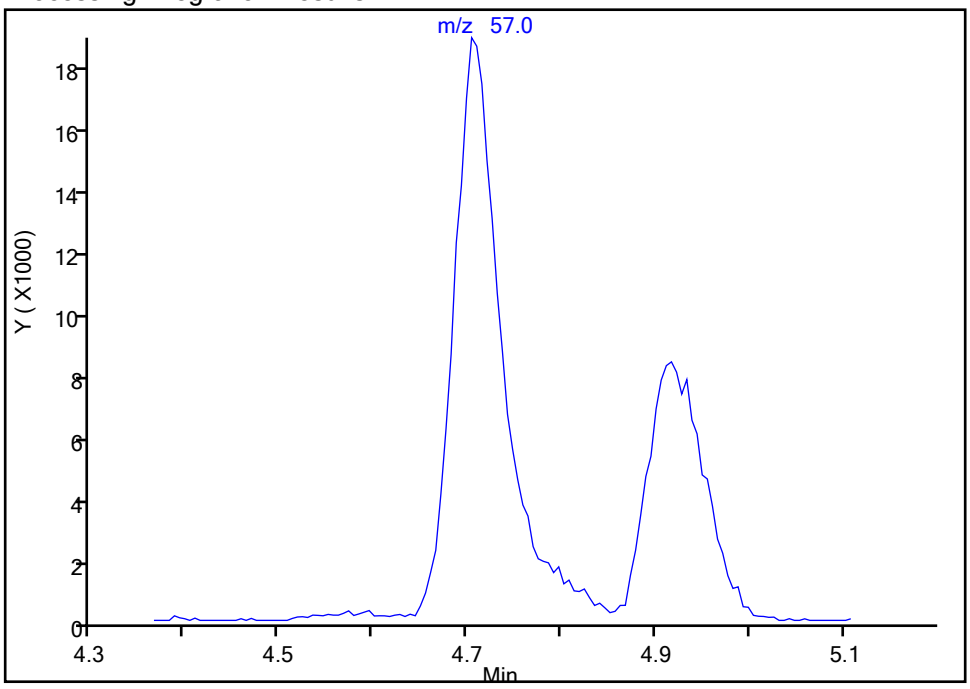
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Signal: 1

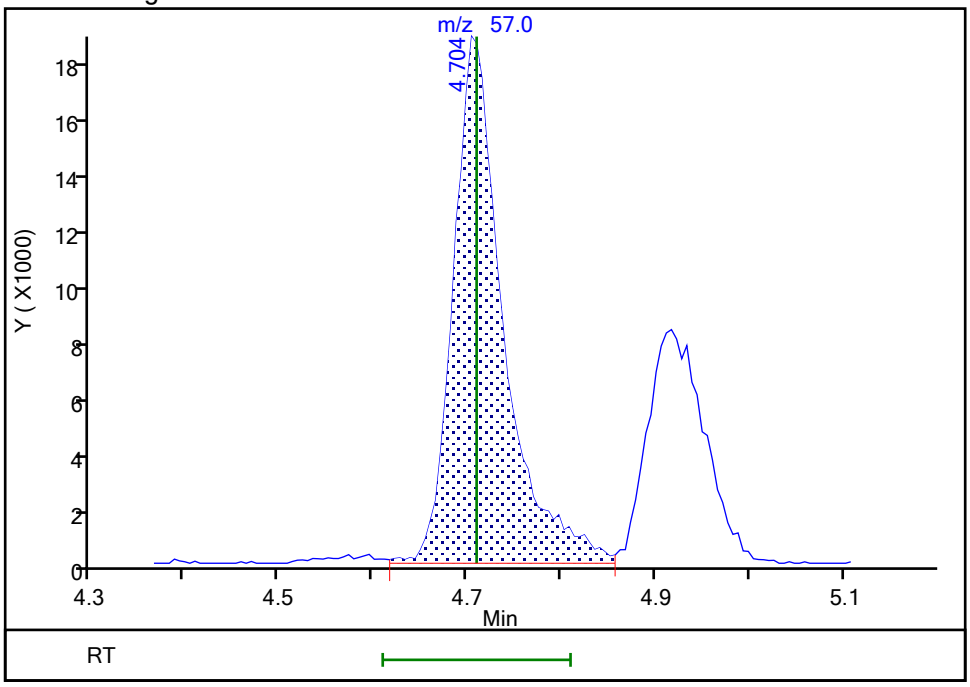
Not Detected
Expected RT: 4.71

Processing Integration Results



Manual Integration Results

RT: 4.70
Area: 69136
Amount: 4.795683
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:29:21
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

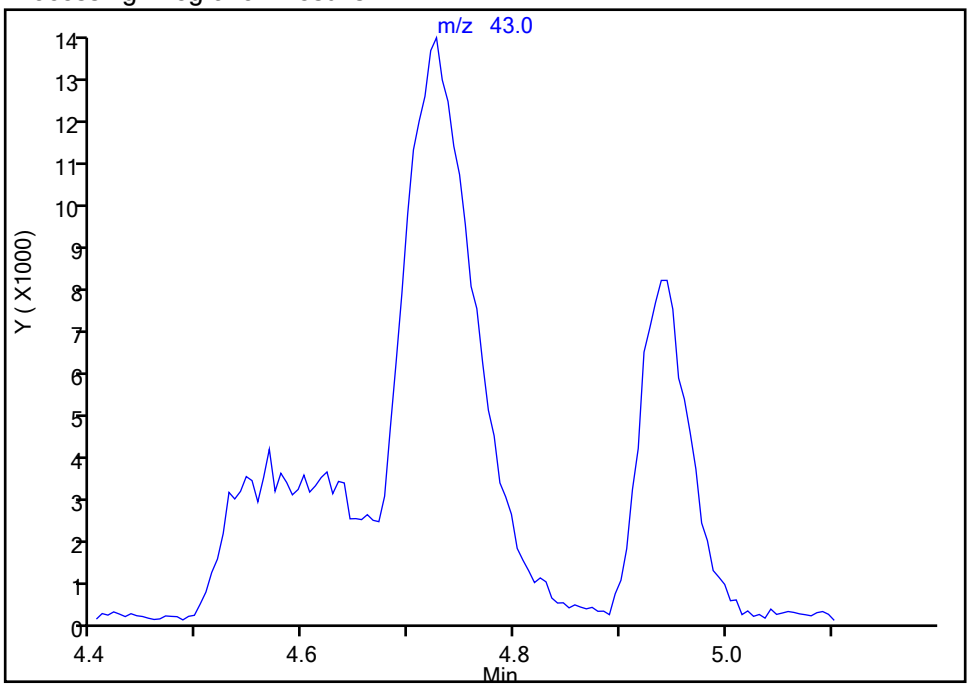
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

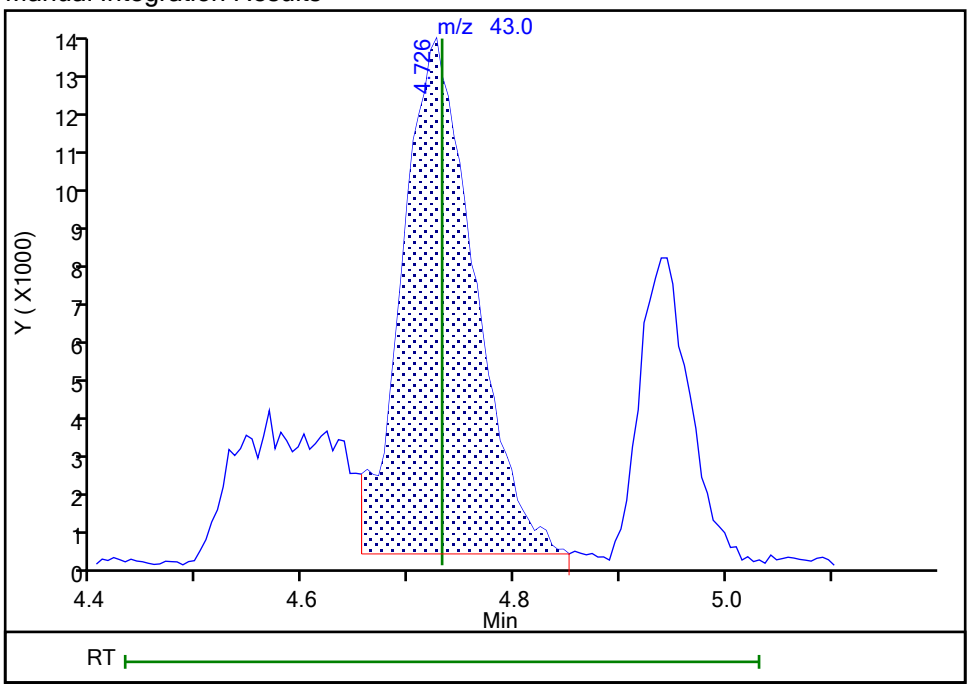
Not Detected
Expected RT: 4.73

Processing Integration Results



Manual Integration Results

RT: 4.73
Area: 63191
Amount: 5.610511
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:29:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

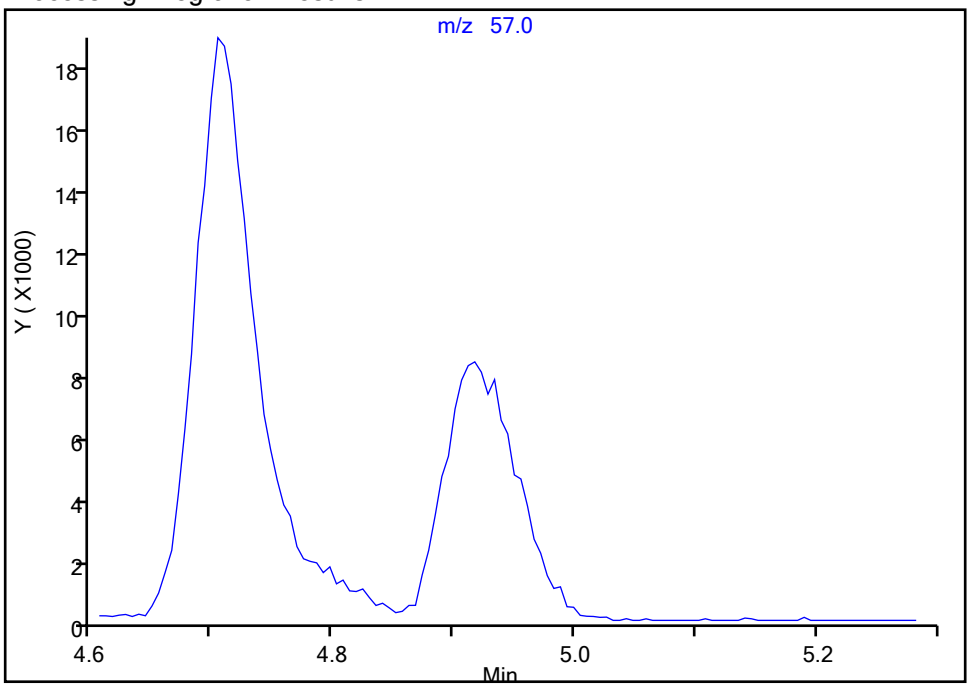
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 n-Heptane, CAS: 142-82-5

Signal: 1

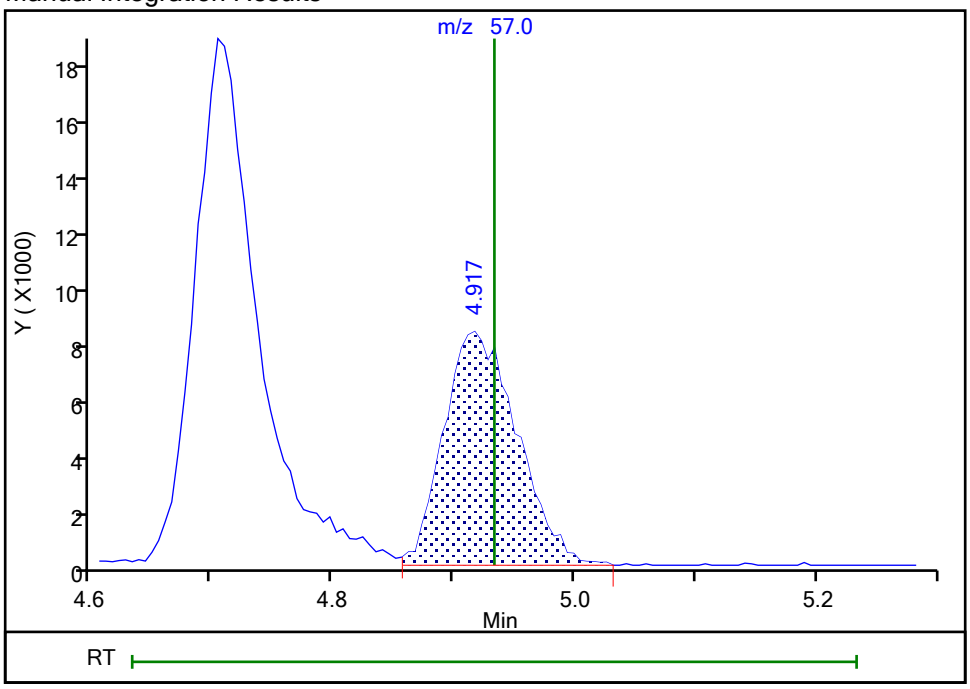
Not Detected
Expected RT: 4.93

Processing Integration Results



Manual Integration Results

RT: 4.92
Area: 34986
Amount: 4.823003
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:29:30
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

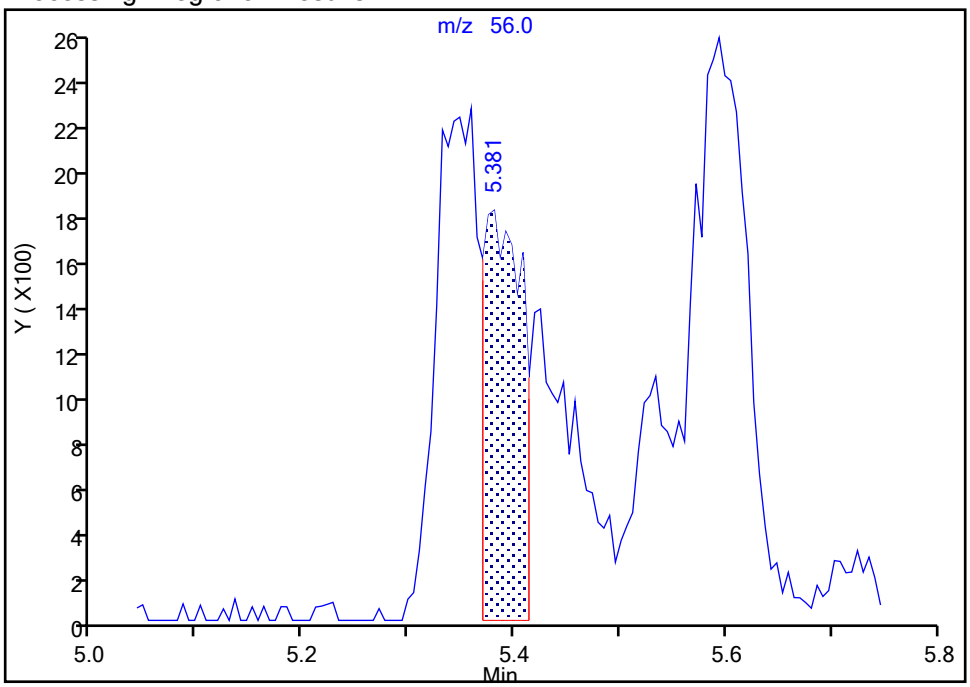
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

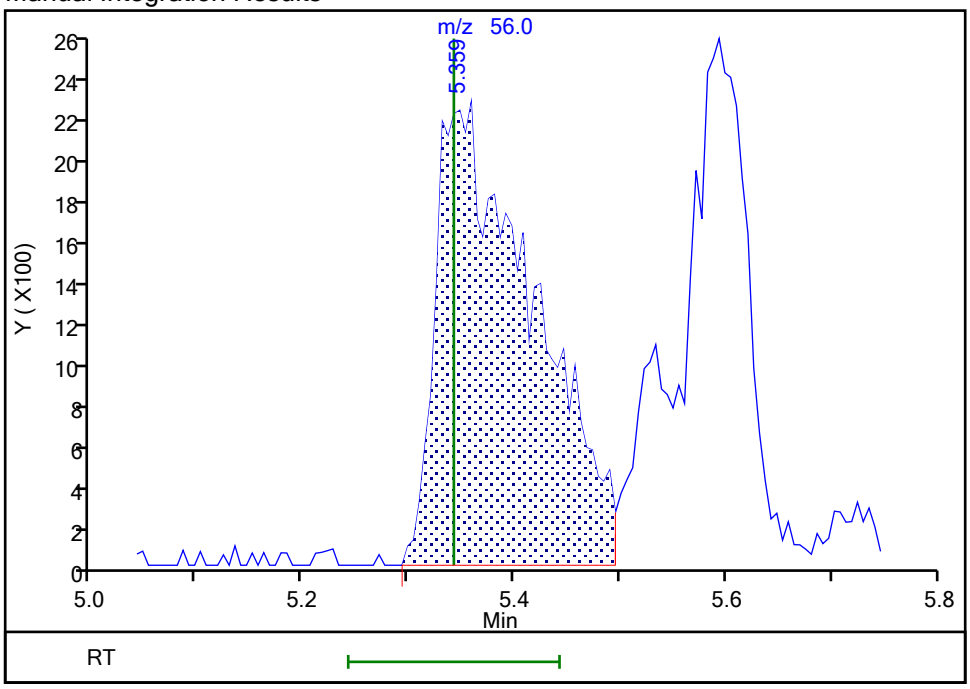
Processing Integration Results

RT: 5.38
Area: 4693
Amount: 58.829327
Amount Units: ug/l



Manual Integration Results

RT: 5.36
Area: 14545
Amount: 121.9027
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:29:38
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

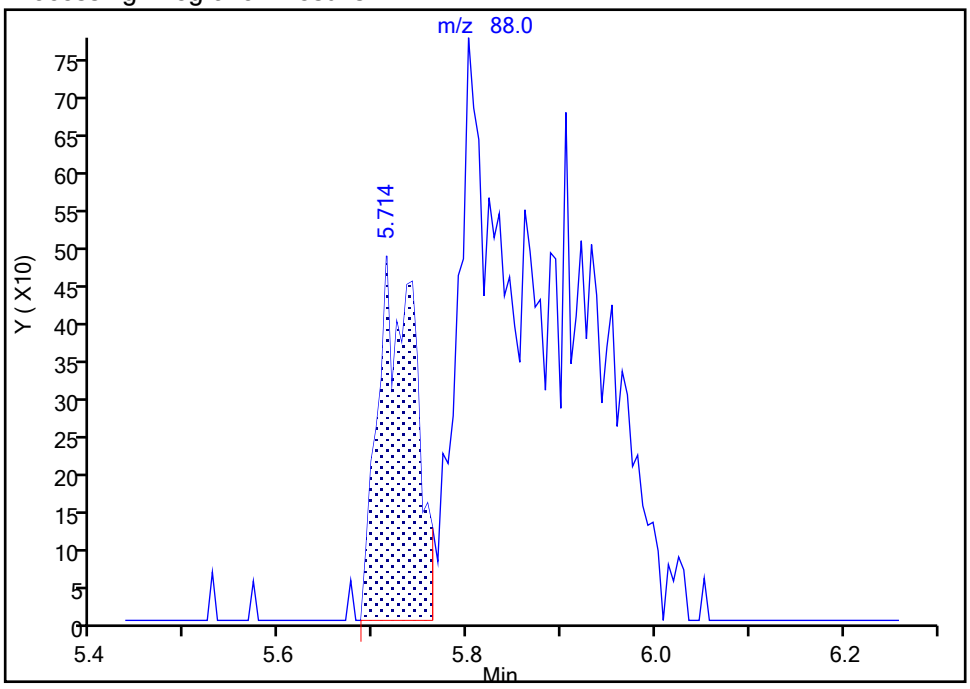
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

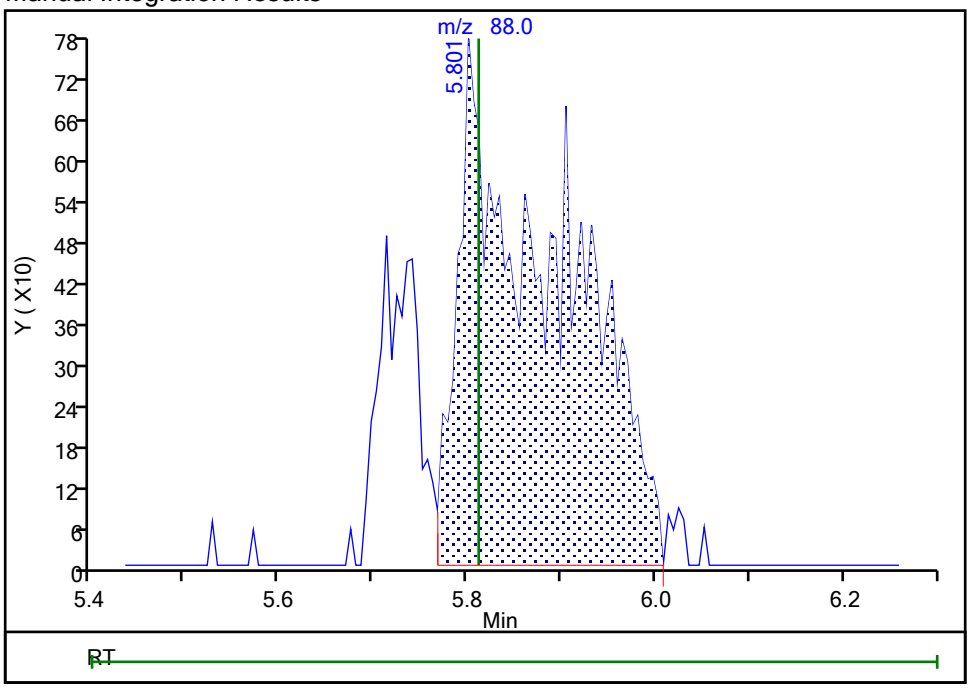
Processing Integration Results

RT: 5.71
Area: 1336
Amount: 24.600119
Amount Units: ug/l



Manual Integration Results

RT: 5.80
Area: 5558
Amount: 112.9926
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:30:03
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

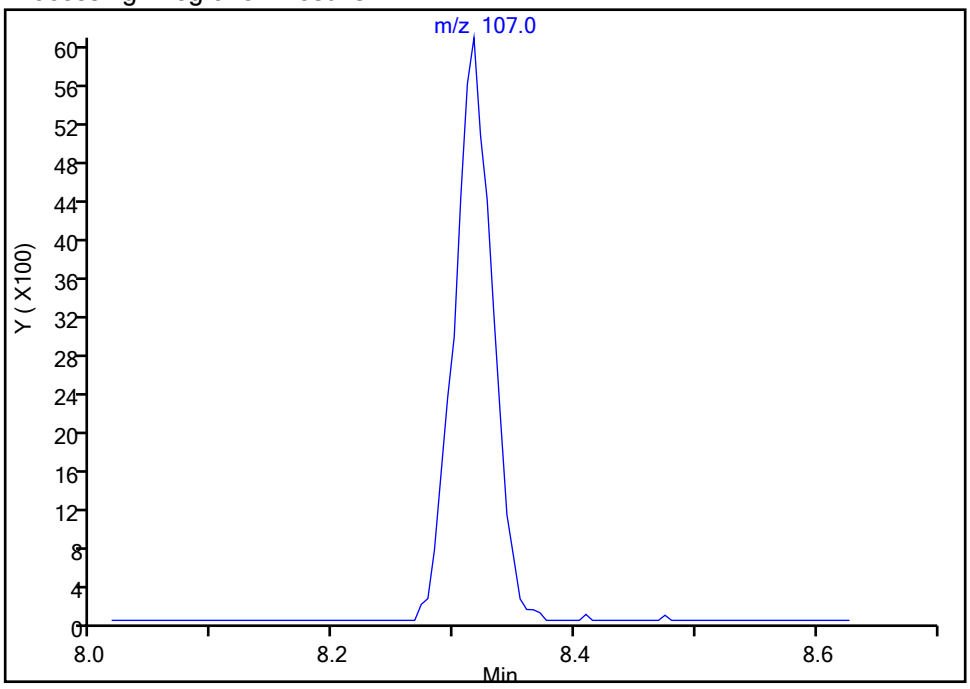
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

93 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

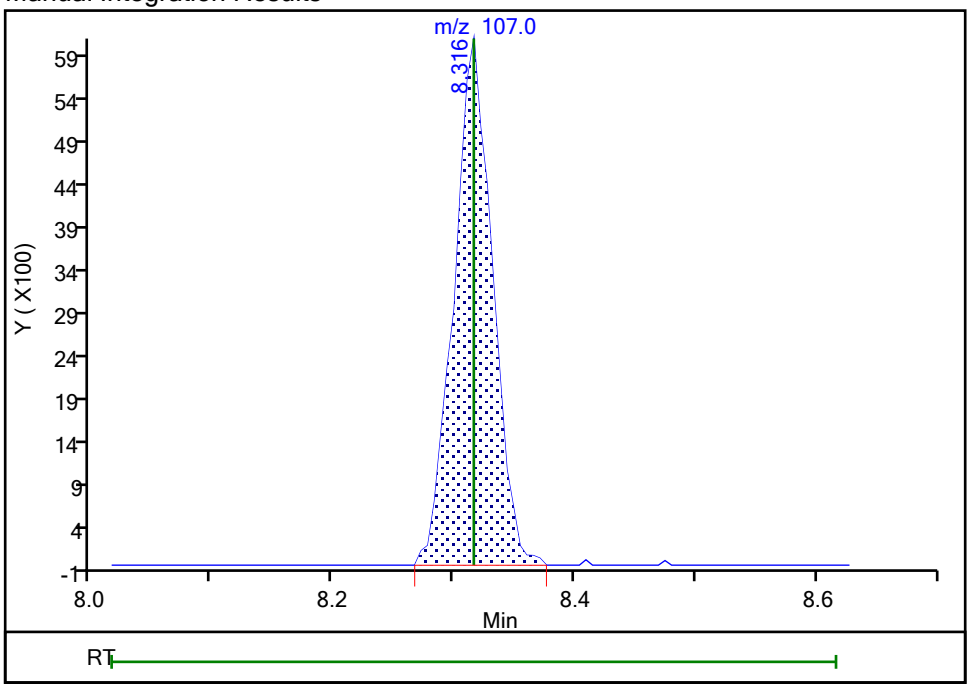
Not Detected
Expected RT: 8.32

Processing Integration Results



Manual Integration Results

RT: 8.32
Area: 13379
Amount: 4.850229
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:30:27
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

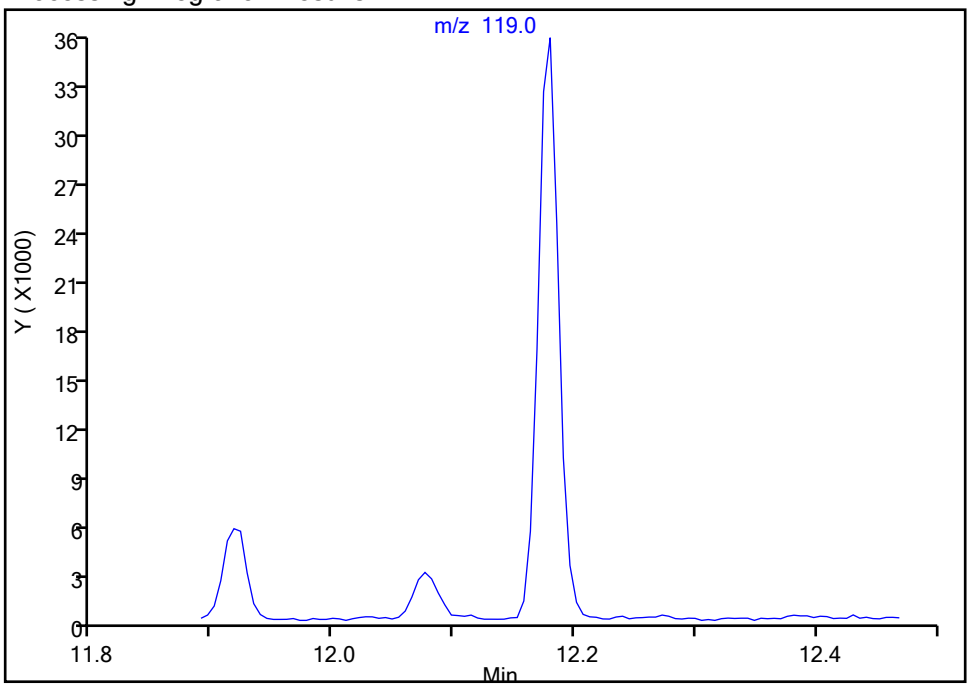
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24320.D
Injection Date: 01-Apr-2021 12:14:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

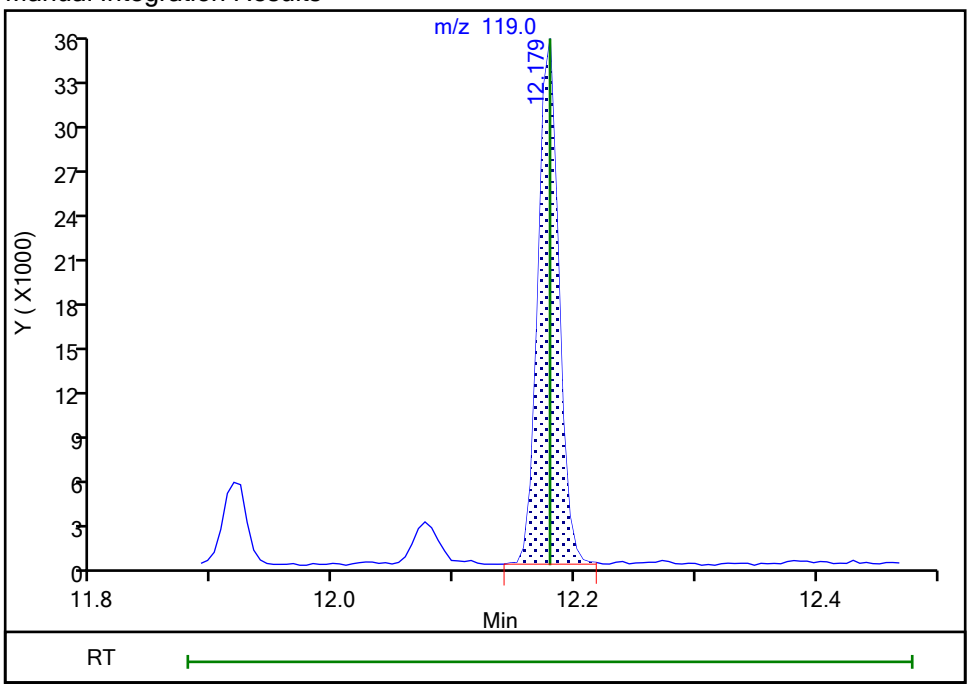
Not Detected
Expected RT: 12.18

Processing Integration Results



Manual Integration Results

RT: 12.18
Area: 42013
Amount: 4.690897
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:30:39
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24321.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 01-Apr-2021 12:37:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0126371-005
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 10:13:08 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: baronm Date: 01-Apr-2021 16:04:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.999	0.999	0.000	84	11012	NC	NC	a
2 Chlorotrifluoroethene	116	1.070	1.070	0.000	89	52011	20.0	21.1	
3 1,1-Difluoroethane	65	1.070	1.070	0.000	95	56412	NC	NC	
4 Dichlorodifluoromethane	85	1.087	1.087	0.000	95	184016	20.0	21.0	
5 Chlorodifluoromethane	67	1.103	1.103	0.000	95	20838	20.0	21.4	a
6 Chloromethane	50	1.228	1.228	0.000	99	227473	20.0	20.5	
7 Butadiene	54	1.267	1.267	0.000	92	120129	20.0	20.9	
8 Vinyl chloride	62	1.294	1.294	0.000	98	173601	20.0	20.8	
9 Bromomethane	94	1.496	1.496	0.000	99	107774	20.0	20.7	
10 Chloroethane	64	1.518	1.518	0.000	100	75395	20.0	21.3	
11 Dichlorofluoromethane	67	1.676	1.676	0.000	99	188587	20.0	20.0	
13 Pentane	72	1.719	1.719	0.000	98	24895	40.0	41.6	
12 Trichlorofluoromethane	101	1.741	1.741	0.000	97	147940	20.0	20.3	
15 Ethyl ether	59	1.872	1.872	0.000	96	49341	20.0	19.8	
14 Ethanol	46	1.878	1.878	0.000	67	27303	800.0	1064.5	
16 2-Methyl-1,3-butadiene	53	1.894	1.894	0.000	94	54660	20.0	19.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.916	1.916	0.000	84	73181	20.0	21.5	
19 Acrolein	56	1.965	1.965	0.000	96	128615	300.0	280.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.970	1.970	0.000	92	115991	20.0	20.4	a
21 1,1-Dichloroethene	96	2.052	2.052	0.000	97	62369	20.0	18.2	
22 Acetone	43	2.090	2.090	0.000	88	120141	100.0	92.4	
20 112TCTFE	101	2.107	2.107	0.000	97	86437	20.0	19.7	
23 Iodomethane	142	2.178	2.178	0.000	98	144078	20.0	19.2	
24 Isopropyl alcohol	45	2.221	2.221	0.000	28	39208	200.0	102.4	
25 Carbon disulfide	76	2.227	2.227	0.000	99	279262	20.0	19.5	
26 3-Chloro-1-propene	39	2.347	2.347	0.000	95	74386	20.0	19.3	
27 Methyl acetate	43	2.363	2.363	0.000	99	95176	40.0	37.0	
29 Acetonitrile	41	2.407	2.407	0.000	33	80797	200.0	202.1	Ma
28 Cyclopentene	67	2.418	2.418	0.000	95	161528	20.0	19.1	
31 Methylene Chloride	84	2.451	2.451	0.000	93	81521	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.571	2.571	0.000	92	676639	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.647	2.647	0.000	36	130733	200.0	187.2	a
35 Acrylonitrile	53	2.663	2.663	0.000	95	267290	200.0	200.6	
34 trans-1,2-Dichloroethene	96	2.691	2.691	0.000	95	68639	20.0	19.1	
33 Methyl tert-butyl ether	73	2.707	2.707	0.000	98	226799	20.0	19.4	
36 Hexane	43	2.953	2.953	0.000	93	61244	20.0	19.4	
38 1,1-Dichloroethane	63	3.073	3.073	0.000	100	120853	20.0	19.8	
39 Vinyl acetate	86	3.138	3.138	0.000	100	23915	40.0	40.1	
40 2-Chloro-1,3-butadiene	88	3.165	3.165	0.000	83	60735	20.0	19.8	
37 Isopropyl ether	45	3.165	3.165	0.000	84	240347	20.0	19.3	
41 Tert-butyl ethyl ether	87	3.520	3.520	0.000	91	92110	20.0	19.1	
* 42 2-Butanone-d5	46	3.602	3.602	0.000	95	389338	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.651	3.651	0.000	96	76844	20.0	19.4	
46 2-Butanone (MEK)	72	3.656	3.656	0.000	97	41902	100.0	94.0	
43 2,2-Dichloropropane	79	3.662	3.662	0.000	83	39510	20.0	19.0	
48 Propionitrile	54	3.733	3.733	0.000	53	116708	200.0	186.1	a
45 Ethyl acetate	70	3.738	3.738	0.000	99	12914	40.0	38.7	
47 Methyl acrylate	55	3.749	3.749	0.000	100	74810	20.0	19.8	
51 Methacrylonitrile	67	3.880	3.880	0.000	92	267283	200.0	201.2	
50 Chlorobromomethane	128	3.891	3.891	0.000	88	40704	20.0	19.5	
49 Tetrahydrofuran	72	3.951	3.951	0.000	93	19463	40.0	38.3	
52 Chloroform	83	3.989	3.989	0.000	99	117287	20.0	19.6	
$ 55 Dibromofluoromethane (Surr)	113	4.158	4.158	0.000	98	228162	50.0	49.3	
54 1,1,1-Trichloroethane	97	4.180	4.180	0.000	98	117524	20.0	19.1	
53 Cyclohexane	84	4.257	4.257	0.000	91	127704	20.0	19.6	a
57 1,1-Dichloropropene	75	4.355	4.355	0.000	97	87351	20.0	19.6	
56 Carbon tetrachloride	117	4.366	4.366	0.000	84	94480	20.0	19.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.519	4.519	0.000	0	220952	50.0	50.2	
58 Isobutyl alcohol	74	4.579	4.579	0.000	91	26072	500.0	479.1	a
60 Benzene	78	4.584	4.584	0.000	94	274288	20.0	19.6	
64 1,2-Dichloroethane	62	4.600	4.600	0.000	95	80285	20.0	19.2	
59 Isooctane	57	4.710	4.710	0.000	97	295017	20.0	19.3	
62 Isopropyl acetate	61	4.715	4.731	-0.016	95	26768	20.0	20.2	a
63 Tert-amyl methyl ether	73	4.748	4.748	0.000	91	257389	20.0	19.7	
* 66 Fluorobenzene	96	4.911	4.911	0.000	99	665693	50.0	50.0	
65 n-Heptane	43	4.939	4.933	0.006	93	113537	20.0	20.4	
68 n-Butanol	56	5.342	5.342	0.000	92	63653	500.0	465.7	M
69 Trichloroethene	95	5.348	5.348	0.000	97	65903	20.0	19.7	
70 Ethyl acrylate	55	5.533	5.528	0.005	99	61792	20.0	17.8	
71 Methylcyclohexane	83	5.593	5.593	0.000	93	144733	20.0	19.2	
72 1,2-Dichloropropane	63	5.615	5.615	0.000	93	72093	20.0	19.4	
* 73 1,4-Dioxane-d8	96	5.746	5.746	0.000	90	48797	1000.0	1000.0	
77 Dibromomethane	93	5.763	5.763	0.000	94	42444	20.0	19.7	
75 1,4-Dioxane	88	5.812	5.812	0.000	32	23228	400.0	429.0	
74 Methyl methacrylate	69	5.823	5.823	0.000	90	79922	40.0	38.7	
76 n-Propyl acetate	43	5.921	5.921	0.000	99	84570	20.0	20.0	
78 Dichlorobromomethane	83	5.986	5.986	0.000	99	81116	20.0	19.1	
79 2-Nitropropane	41	6.281	6.281	0.000	99	20533	40.0	38.1	
67 2-Chloroethyl vinyl ether	63	6.423	6.423	0.000	95	37085	20.0	19.8	
80 Epichlorohydrin	57	6.472	6.472	0.000	99	137533	400.0	382.5	
81 cis-1,3-Dichloropropene	75	6.587	6.587	0.000	91	102124	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.838	6.838	0.000	96	354932	100.0	98.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.947	6.947	0.000	99	883684	50.0	49.0	
84 Toluene	91	7.034	7.034	0.000	93	283770	20.0	19.2	
85 trans-1,3-Dichloropropene	75	7.378	7.378	0.000	97	88038	20.0	19.2	
86 Ethyl methacrylate	69	7.580	7.580	0.000	90	76149	20.0	19.0	
87 1,1,2-Trichloroethane	83	7.629	7.629	0.000	94	47289	20.0	19.6	
88 Tetrachloroethene	166	7.814	7.814	0.000	97	76649	20.0	19.4	
89 1,3-Dichloropropane	76	7.863	7.863	0.000	93	93822	20.0	19.5	
90 2-Hexanone	43	8.054	8.054	0.000	95	215537	100.0	98.4	
92 Chlorodibromomethane	129	8.180	8.180	0.000	98	61761	20.0	19.2	
91 n-Butyl acetate	43	8.300	8.300	0.000	99	91095	20.0	19.2	
93 Ethylene Dibromide	107	8.316	8.316	0.000	99	57739	20.0	19.5	
* 94 Chlorobenzene-d5	117	9.053	9.053	0.000	84	574536	50.0	50.0	
95 Chlorobenzene	112	9.096	9.096	0.000	97	191986	20.0	19.8	
97 1,1,1,2-Tetrachloroethane	131	9.255	9.255	0.000	95	82344	20.0	19.0	
96 Ethylbenzene	106	9.315	9.315	0.000	98	105975	20.0	19.6	
98 m-Xylene & p-Xylene	106	9.511	9.511	0.000	0	128138	20.0	19.2	
100 o-Xylene	106	10.068	10.068	0.000	95	139291	20.0	19.7	
101 Styrene	104	10.090	10.090	0.000	96	207219	20.0	19.8	
99 n-Butyl acrylate	73	10.128	10.128	0.000	98	48594	20.0	19.8	
103 Bromoform	173	10.281	10.281	0.000	99	44002	20.0	18.8	
102 Amyl acetate (mixed isomers)	43	10.428	10.428	0.000	92	112321	20.0	20.1	
104 Isopropylbenzene	105	10.542	10.542	0.000	95	385126	20.0	19.8	
$ 105 4-Bromofluorobenzene	174	10.695	10.695	0.000	98	313555	50.0	49.7	
106 Bromobenzene	156	10.826	10.826	0.000	94	92465	20.0	19.4	
107 1,1,2,2-Tetrachloroethane	83	10.892	10.892	0.000	98	95263	20.0	19.9	
109 1,2,3-Trichloropropane	110	10.913	10.913	0.000	99	25391	20.0	19.6	
110 trans-1,4-Dichloro-2-butene	53	10.952	10.952	0.000	91	21137	20.0	19.0	
108 N-Propylbenzene	91	11.001	11.001	0.000	100	425145	20.0	19.7	
111 2-Chlorotoluene	91	11.055	11.055	0.000	97	255817	20.0	19.7	
112 4-Ethyltoluene	105	11.121	11.121	0.000	100	357350	20.0	20.1	
114 4-Chlorotoluene	91	11.170	11.170	0.000	97	270001	20.0	19.7	
113 1,3,5-Trimethylbenzene	105	11.192	11.192	0.000	93	331259	20.0	19.5	
115 Butyl Methacrylate	87	11.339	11.339	0.000	90	94399	20.0	19.6	
116 tert-Butylbenzene	119	11.497	11.497	0.000	95	254884	20.0	18.8	
117 1,2,4-Trimethylbenzene	105	11.546	11.546	0.000	97	335647	20.0	19.6	
118 sec-Butylbenzene	105	11.705	11.705	0.000	99	431133	20.0	19.8	
120 1,3-Dichlorobenzene	146	11.776	11.776	0.000	98	180519	20.0	19.8	
* 121 1,4-Dichlorobenzene-d4	152	11.836	11.836	0.000	94	372502	50.0	50.0	
119 4-Isopropyltoluene	119	11.846	11.846	0.000	98	390787	20.0	19.9	
122 1,4-Dichlorobenzene	146	11.857	11.857	0.000	96	180437	20.0	19.5	
123 1,2,3-Trimethylbenzene	105	11.917	11.917	0.000	98	366874	20.0	19.7	
124 Benzyl chloride	91	11.983	11.983	0.000	99	159121	20.0	19.4	
125 2,3-Dihydroindene	117	12.081	12.081	0.000	95	341337	20.0	19.9	
128 1,2-Dichlorobenzene	146	12.174	12.174	0.000	98	189763	20.0	19.8	
126 p-Diethylbenzene	119	12.179	12.179	0.000	94	200394	20.0	19.8	a
127 n-Butylbenzene	92	12.196	12.196	0.000	97	194711	20.0	19.7	
129 1,2,4,5-Tetramethylbenzene	119	12.801	12.801	0.000	98	374052	20.0	19.7	
130 1,2-Dibromo-3-Chloropropane	157	12.807	12.807	0.000	86	26772	20.0	19.1	
131 1,3,5-Trichlorobenzene	180	12.976	12.976	0.000	97	180678	20.0	19.6	
132 1,2,4-Trichlorobenzene	180	13.429	13.429	0.000	94	170132	20.0	19.1	
133 Hexachlorobutadiene	225	13.565	13.565	0.000	98	85268	20.0	18.6	
134 Naphthalene	128	13.598	13.598	0.000	100	394467	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.773	13.773	0.000	96	182223	20.0	19.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.4	
S 137 Xylenes, Total	100				0		40.0	38.9	
S 139 Total BTEX	1				0		100.0	97.2	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00122	Amount Added:	3.00	Units: uL		
524freon_00034	Amount Added:	2.00	Units: uL		
8260MIX1COMB_00135	Amount Added:	2.00	Units: uL		
GASES Li_00414	Amount Added:	2.00	Units: uL		
8260SURR250_00216	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 30-Apr-2021 10:13:14 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24321.D

Injection Date: 01-Apr-2021 12:37:30 Instrument ID: CVOAMS9 Operator ID:

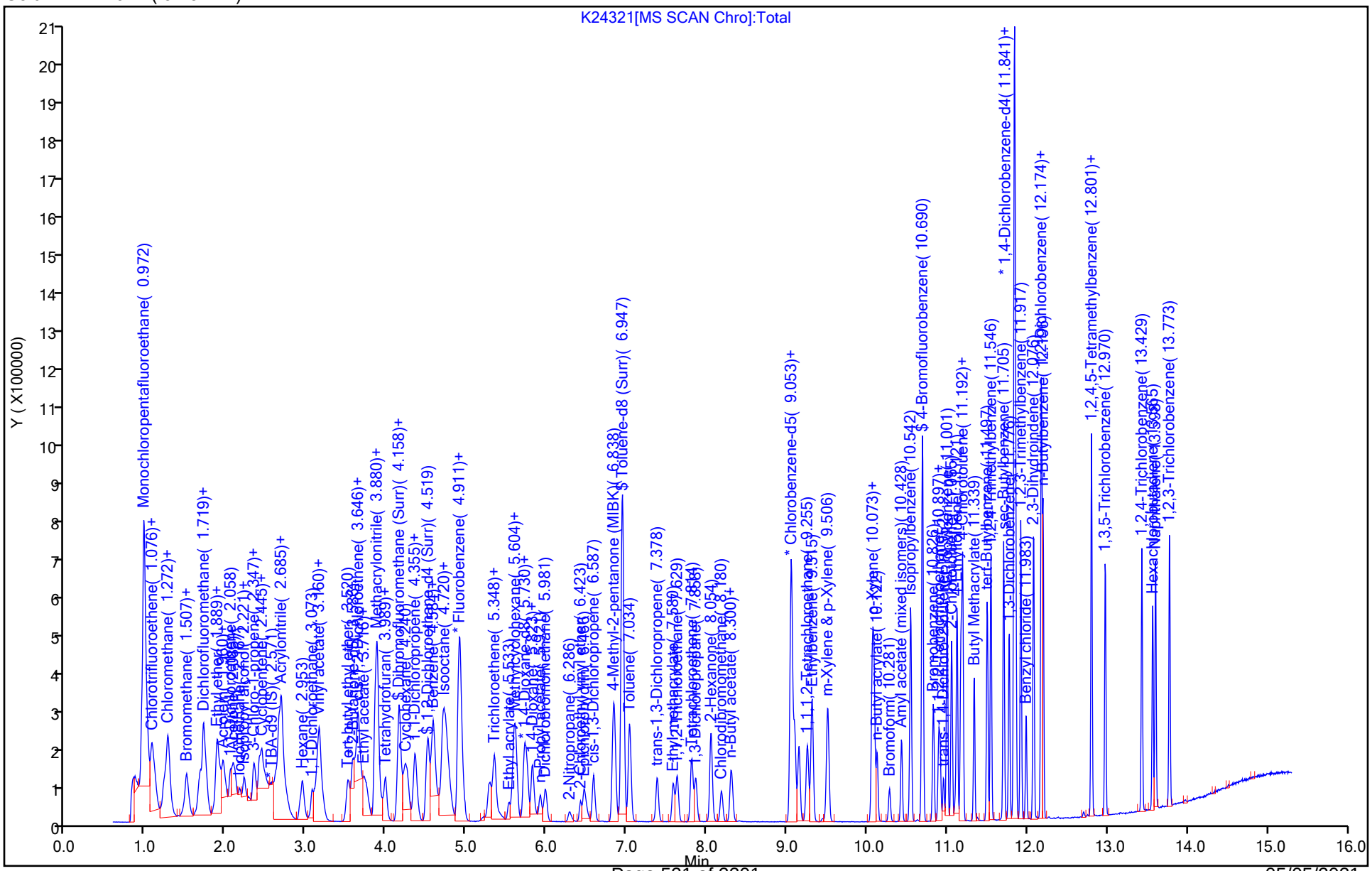
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

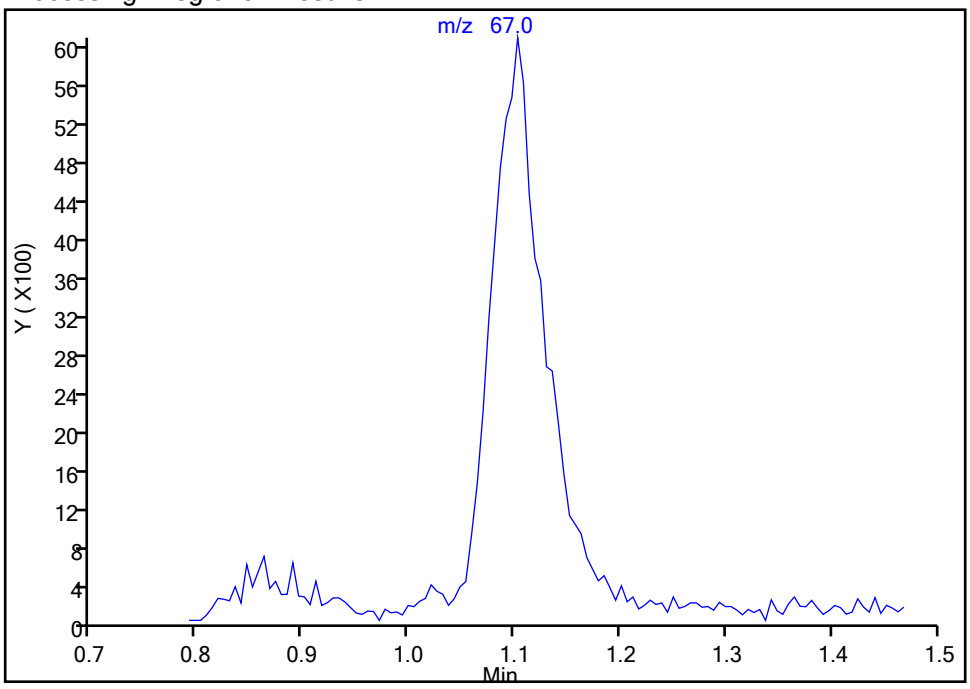
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24321.D
Injection Date: 01-Apr-2021 12:37:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

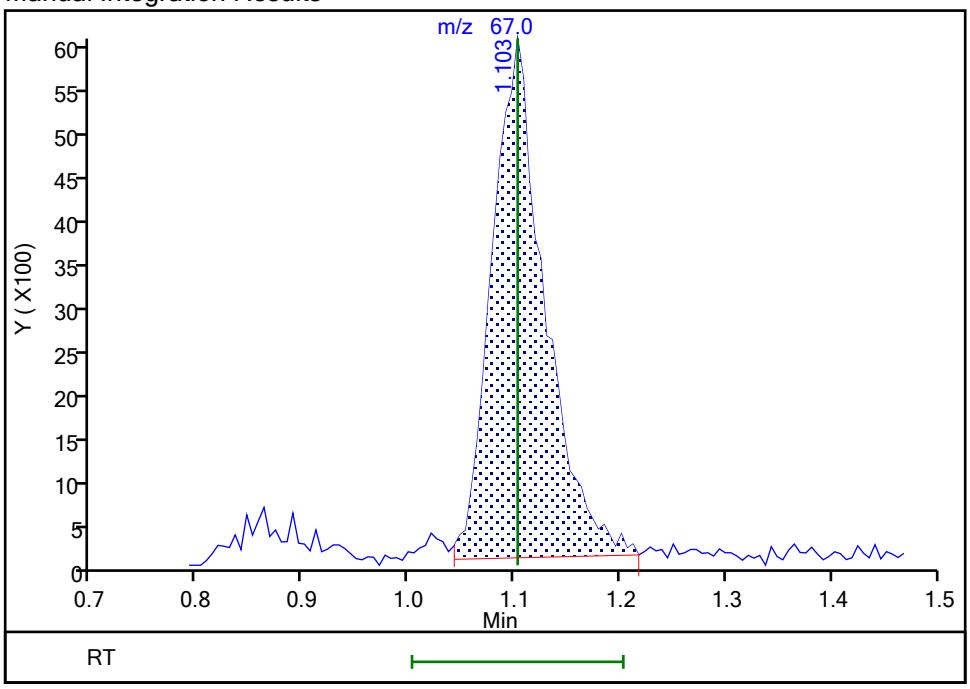
Not Detected
Expected RT: 1.10

Processing Integration Results



Manual Integration Results

RT: 1.10
Area: 20838
Amount: 21.421861
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:09:33
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

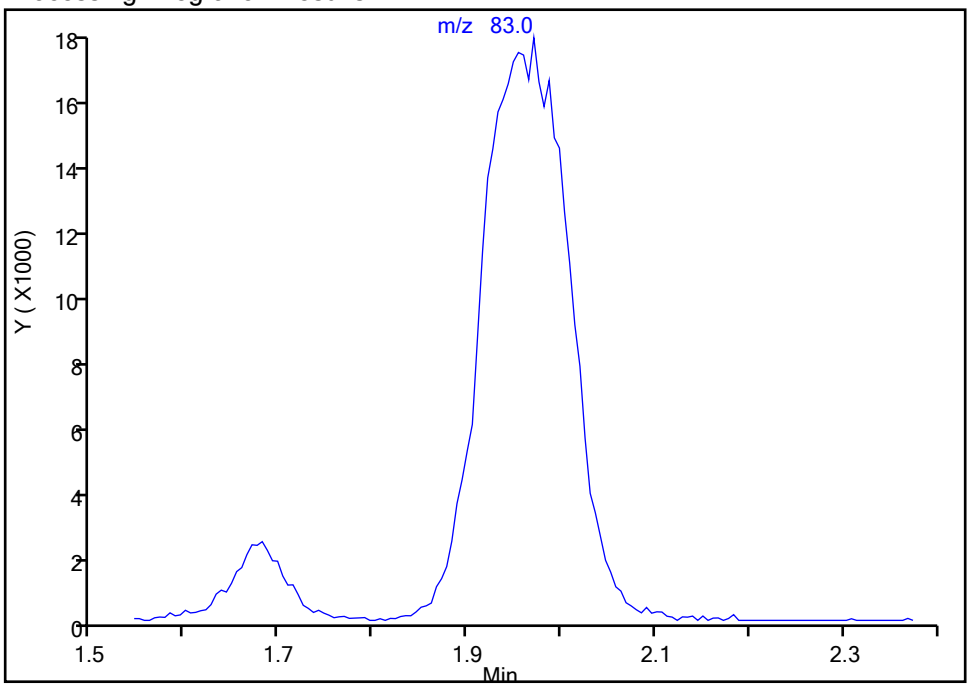
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24321.D
Injection Date: 01-Apr-2021 12:37:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

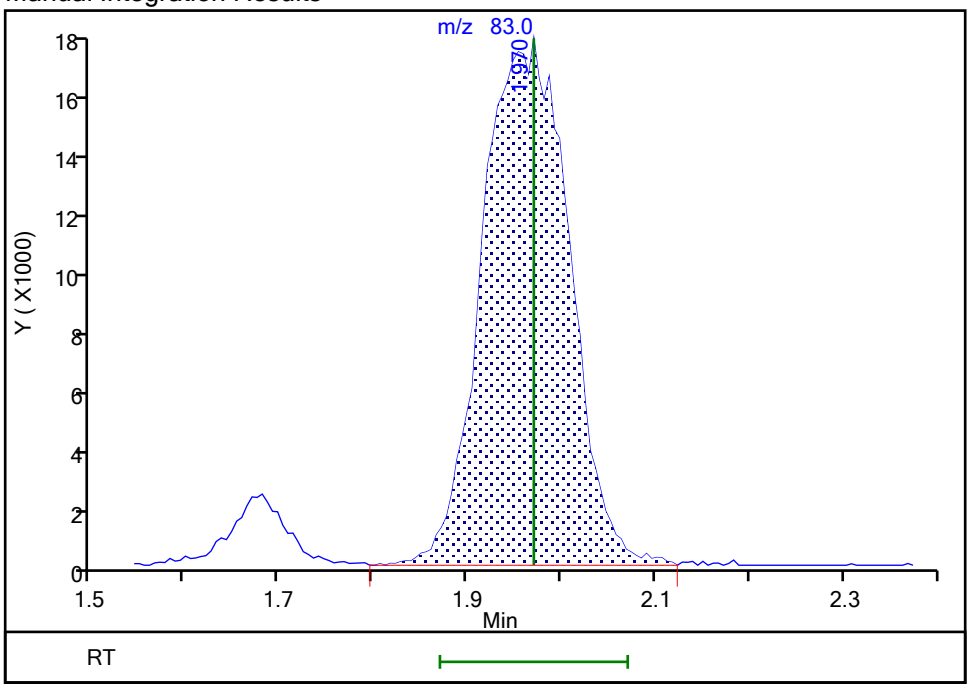
Not Detected
Expected RT: 1.97

Processing Integration Results



Manual Integration Results

RT: 1.97
Area: 115991
Amount: 20.391698
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:09:43
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

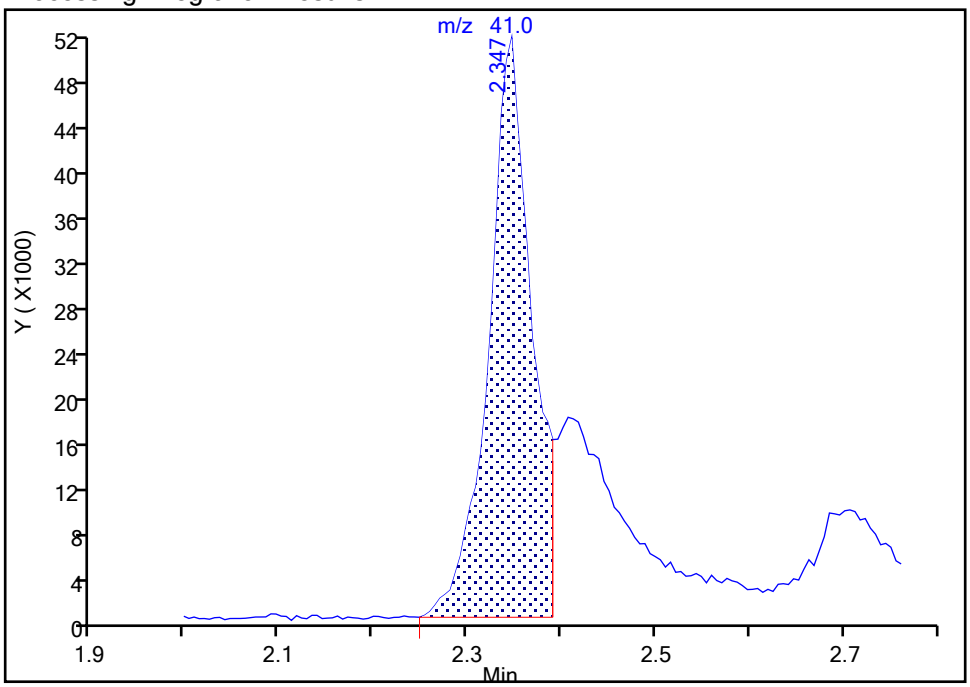
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24321.D
Injection Date: 01-Apr-2021 12:37:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

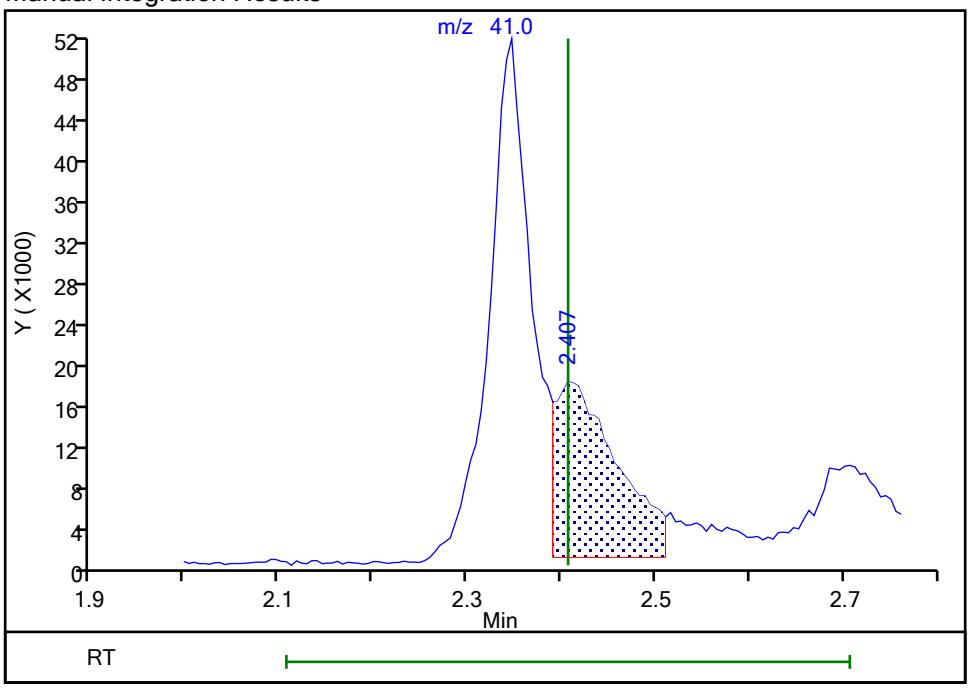
Processing Integration Results

RT: 2.35
Area: 163279
Amount: 465.0313
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 80797
Amount: 202.1199
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:10:07
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

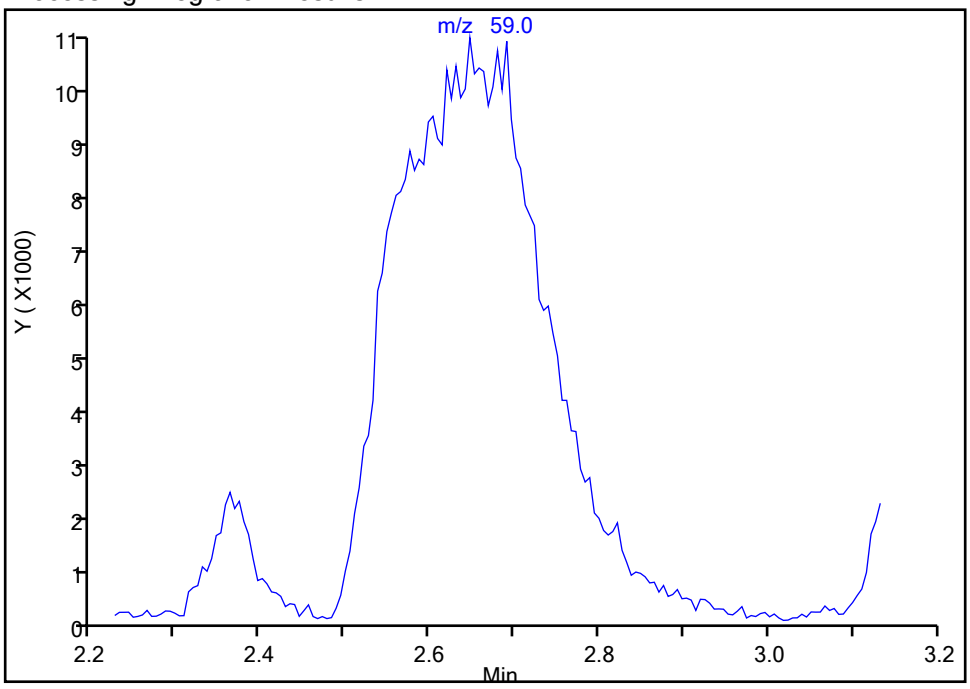
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24321.D
Injection Date: 01-Apr-2021 12:37:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

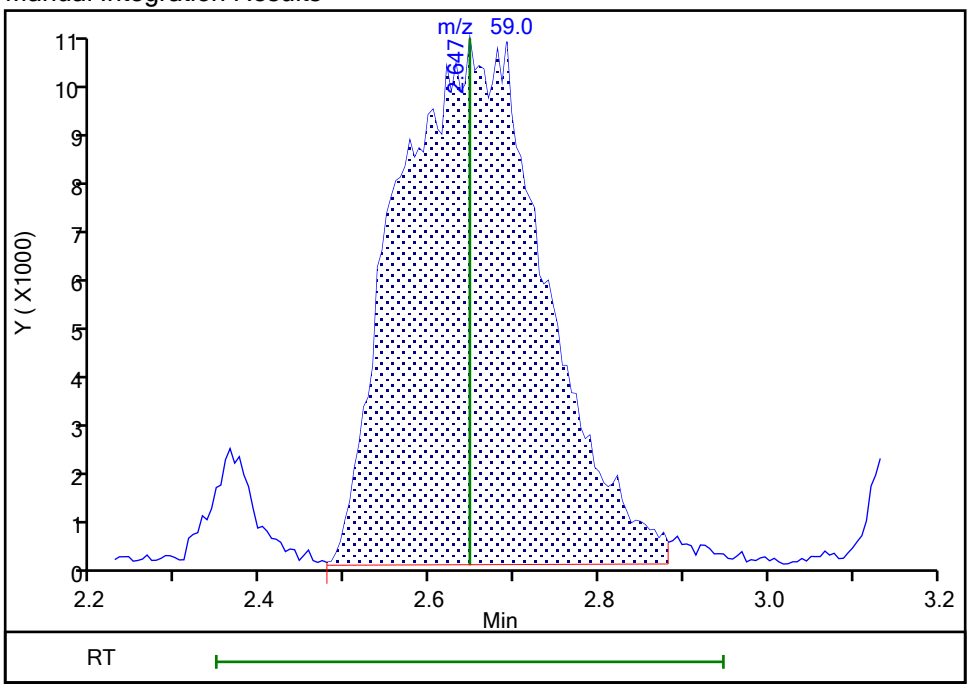
Not Detected
Expected RT: 2.65

Processing Integration Results



Manual Integration Results

RT: 2.65
Area: 130733
Amount: 187.1549
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:10:17
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

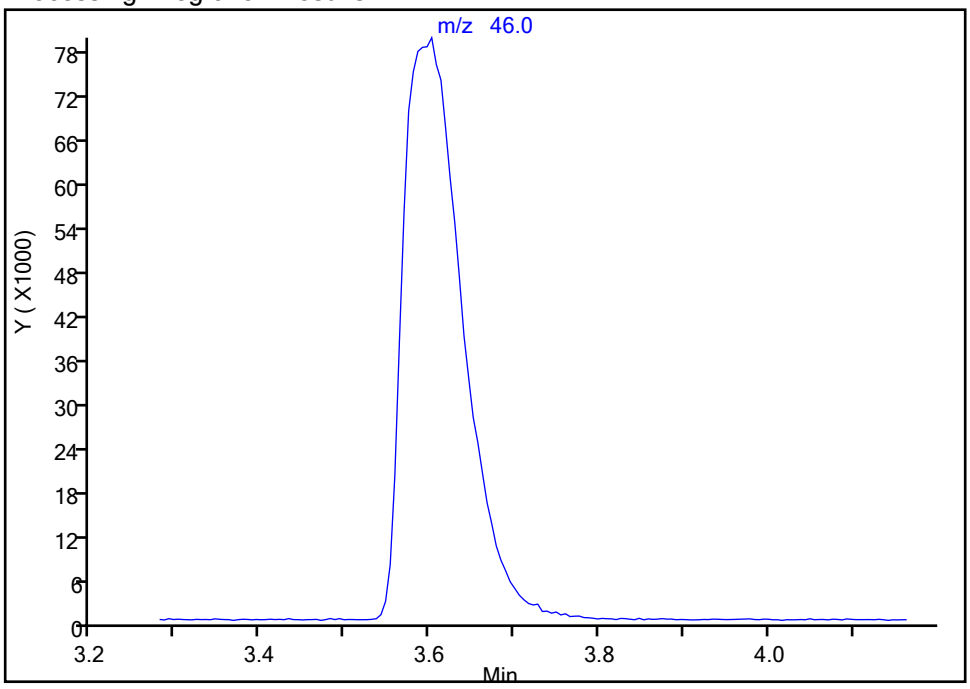
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24321.D
Injection Date: 01-Apr-2021 12:37:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

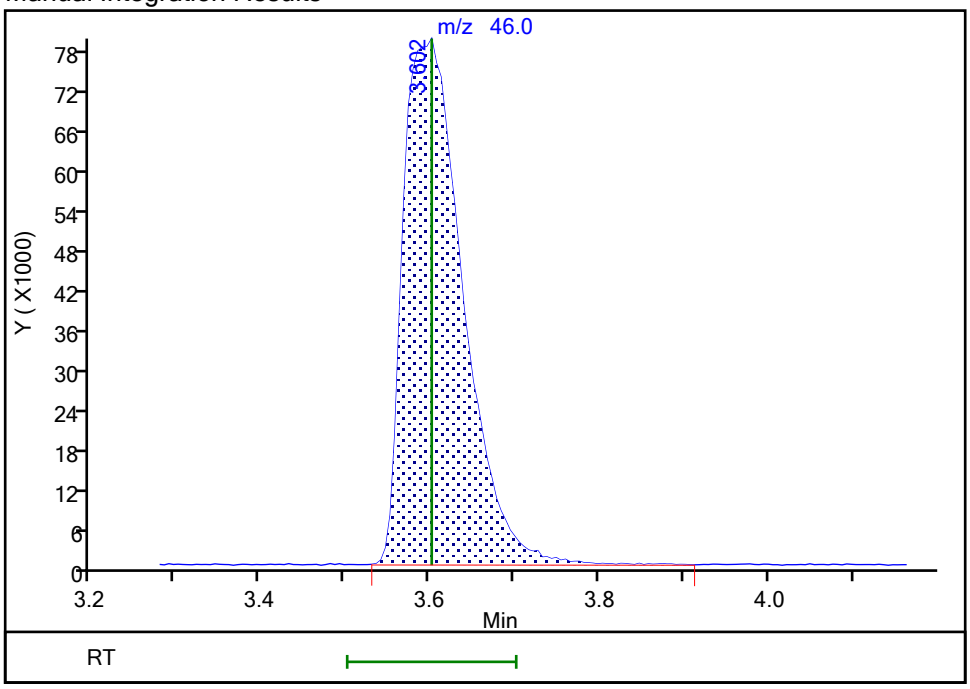
Processing Integration Results

Not Detected
Expected RT: 3.60



Manual Integration Results

RT: 3.60
Area: 389338
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:09:16
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

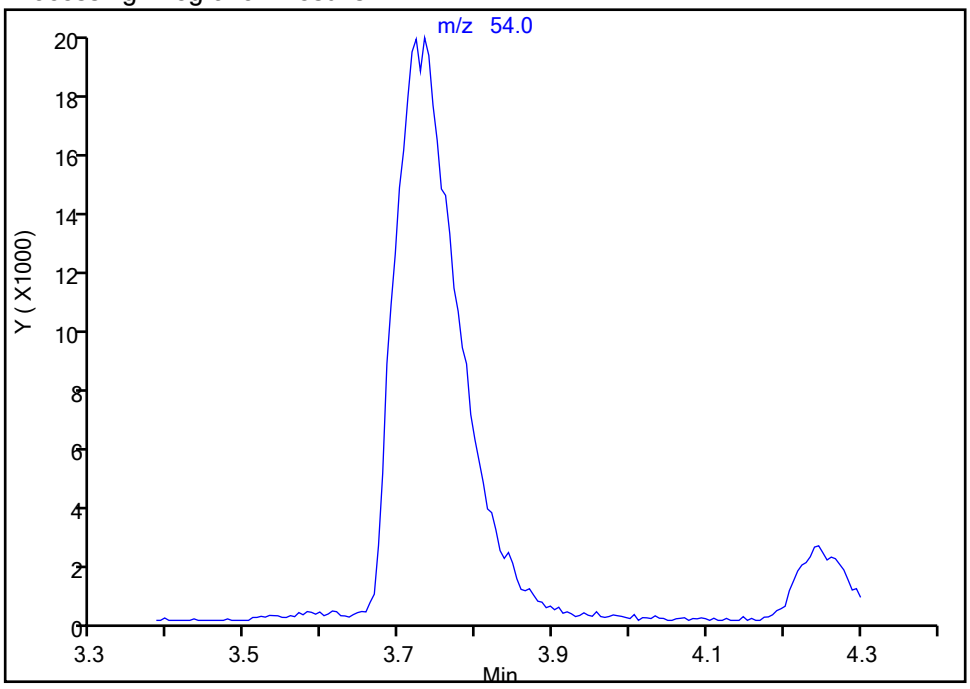
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24321.D
Injection Date: 01-Apr-2021 12:37:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

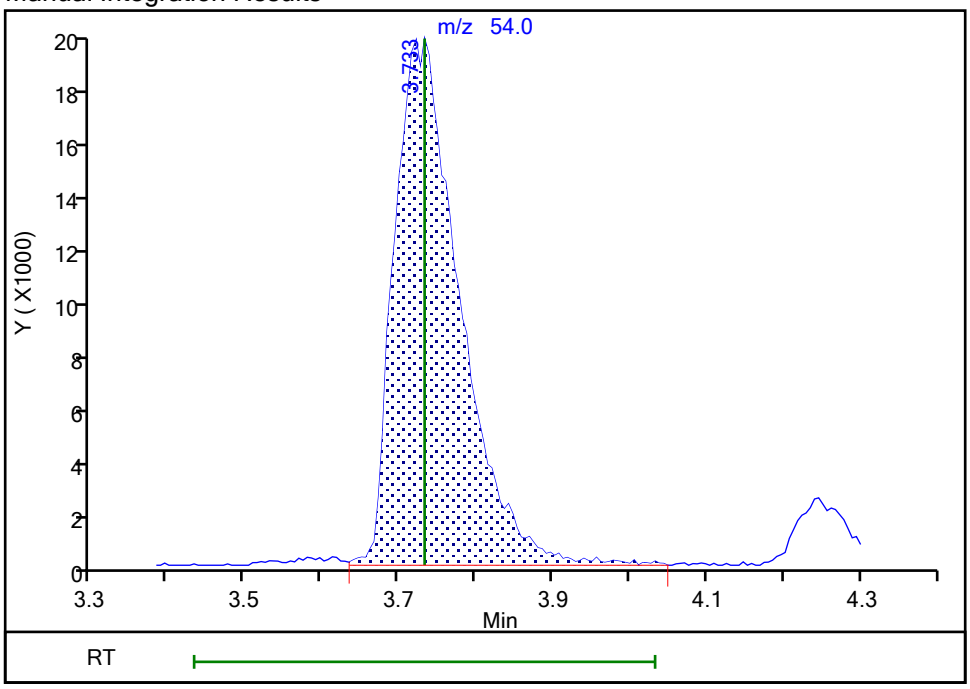
Not Detected
Expected RT: 3.73

Processing Integration Results



Manual Integration Results

RT: 3.73
Area: 116708
Amount: 186.0702
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:10:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

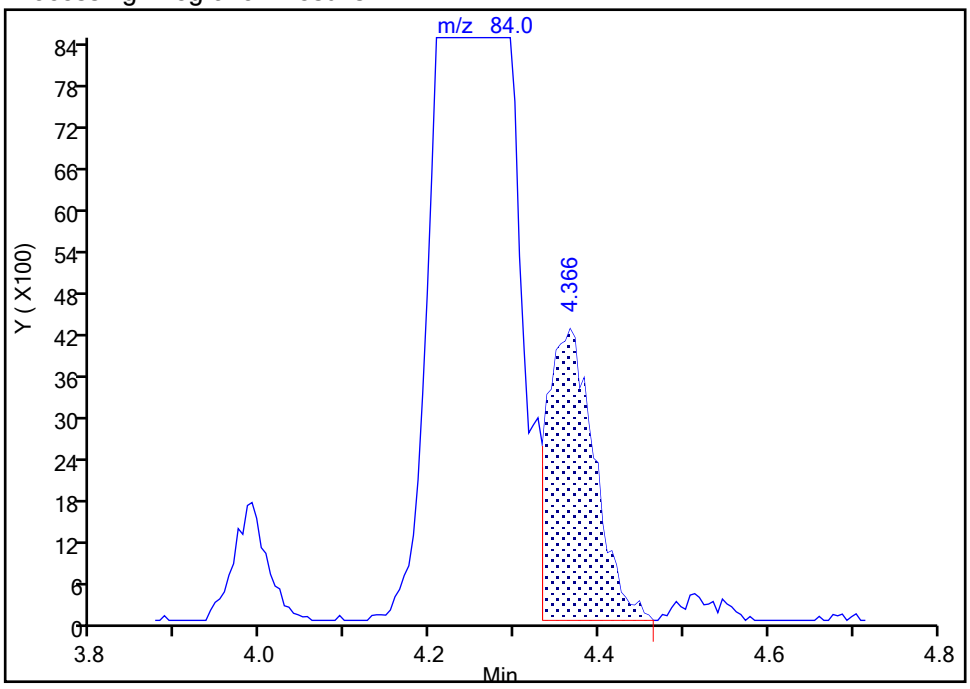
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24321.D
Injection Date: 01-Apr-2021 12:37:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 Cyclohexane, CAS: 110-82-7

Signal: 1

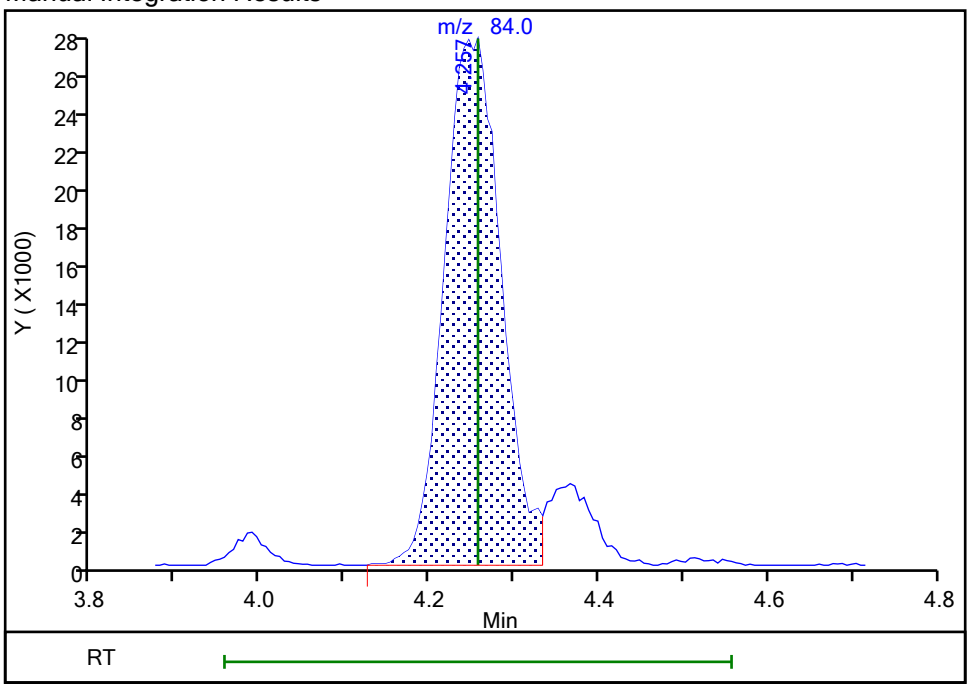
Processing Integration Results

RT: 4.37
Area: 16233
Amount: 2.887619
Amount Units: ug/l



Manual Integration Results

RT: 4.26
Area: 127704
Amount: 19.570352
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:10:33
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

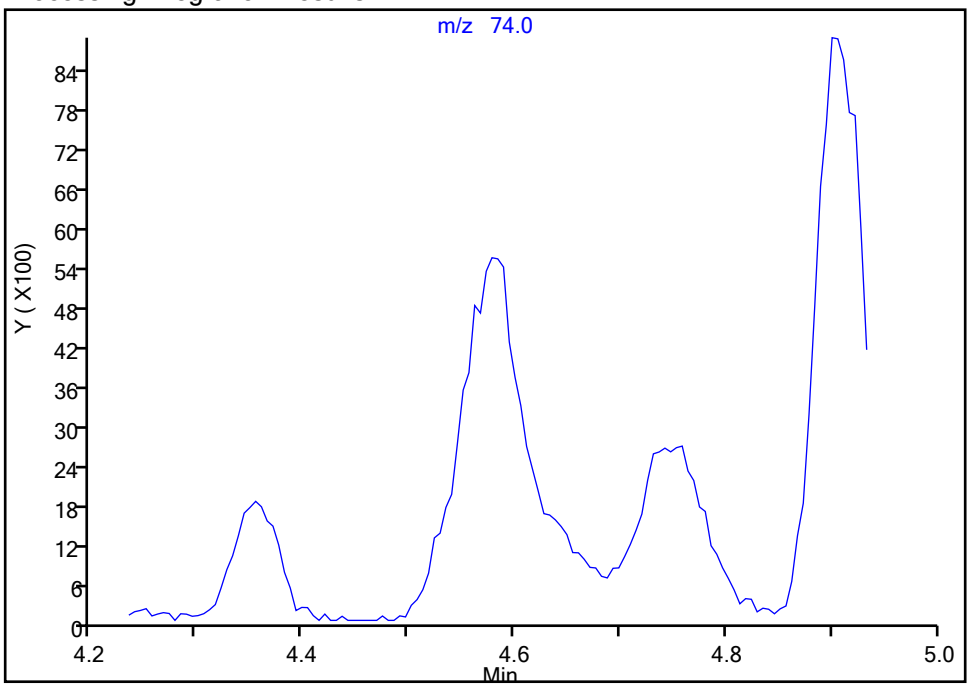
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24321.D
Injection Date: 01-Apr-2021 12:37:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

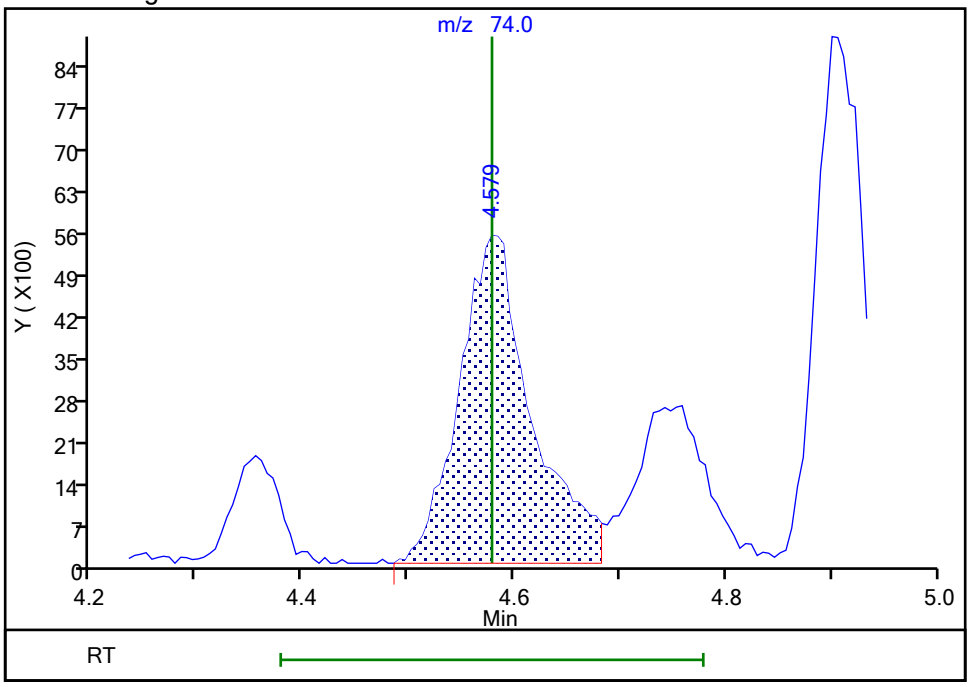
Not Detected
Expected RT: 4.58

Processing Integration Results



Manual Integration Results

RT: 4.58
Area: 26072
Amount: 479.1006
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:10:39
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

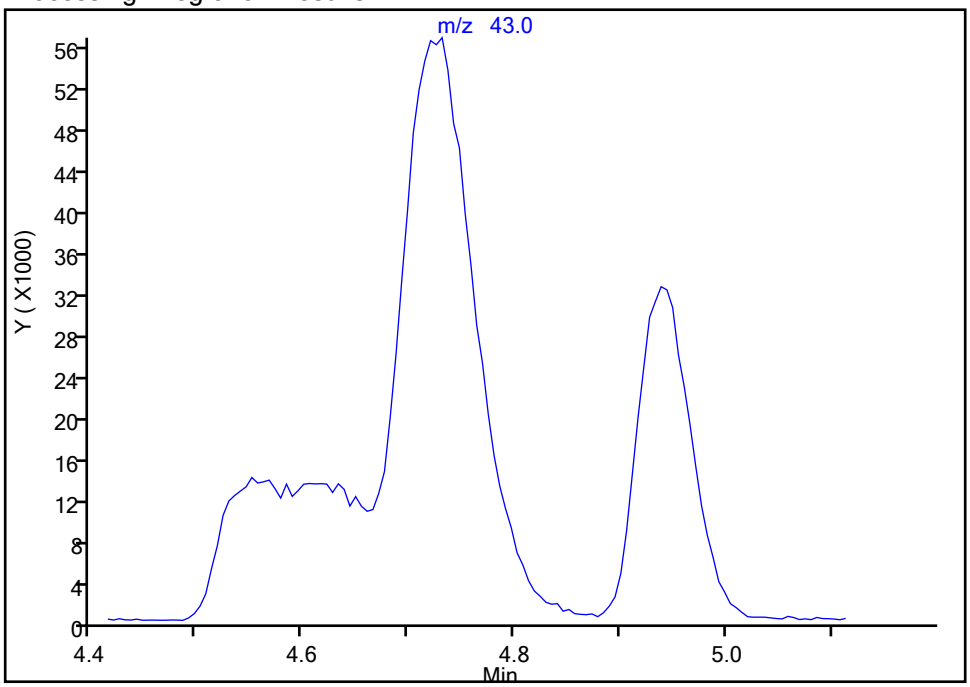
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24321.D
Injection Date: 01-Apr-2021 12:37:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

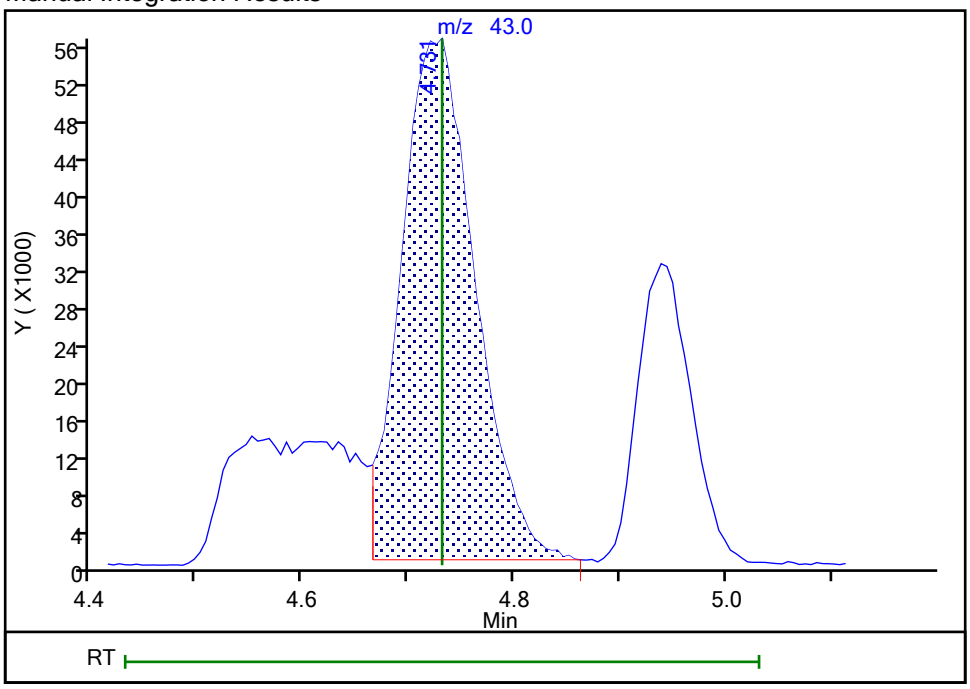
Not Detected
Expected RT: 4.73

Processing Integration Results



Manual Integration Results

RT: 4.73
Area: 272522
Amount: 20.162268
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:10:44
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

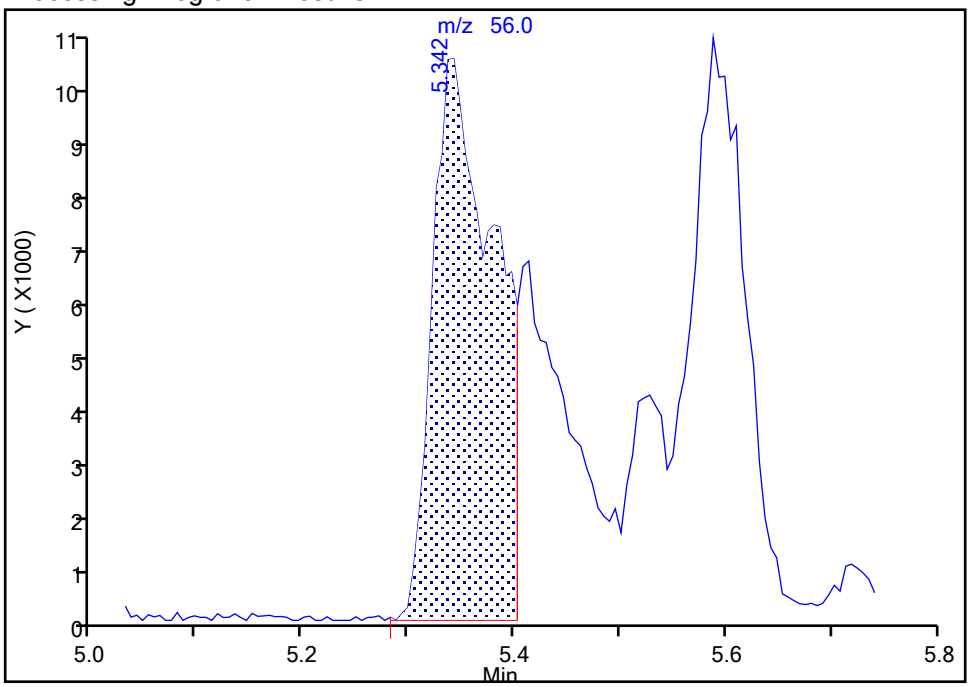
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24321.D
Injection Date: 01-Apr-2021 12:37:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

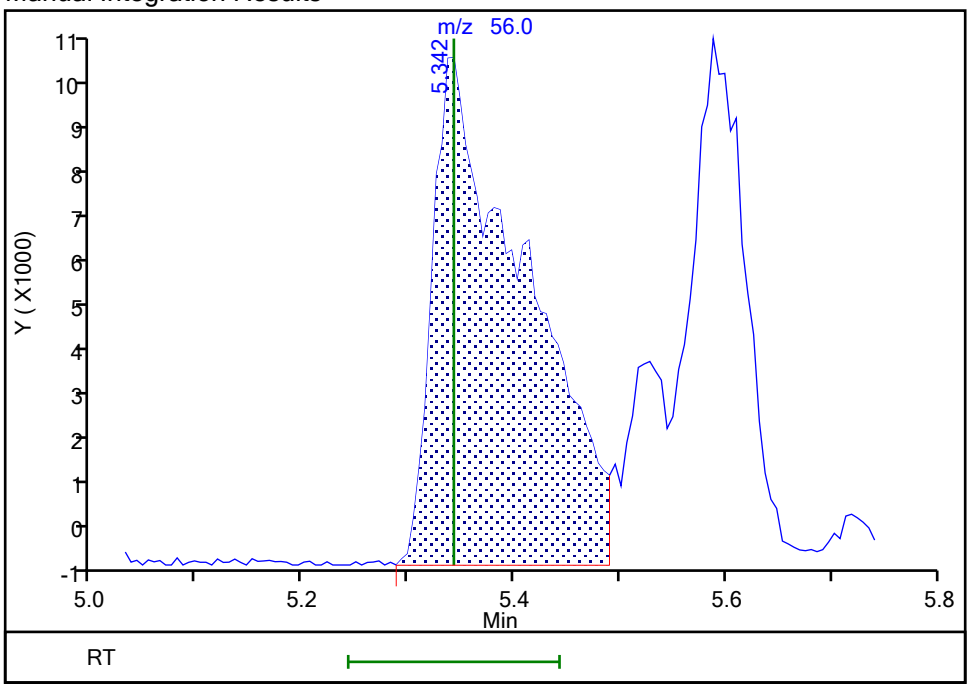
Processing Integration Results

RT: 5.34
Area: 42745
Amount: 360.0555
Amount Units: ug/l



Manual Integration Results

RT: 5.34
Area: 63653
Amount: 465.7268
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:10:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

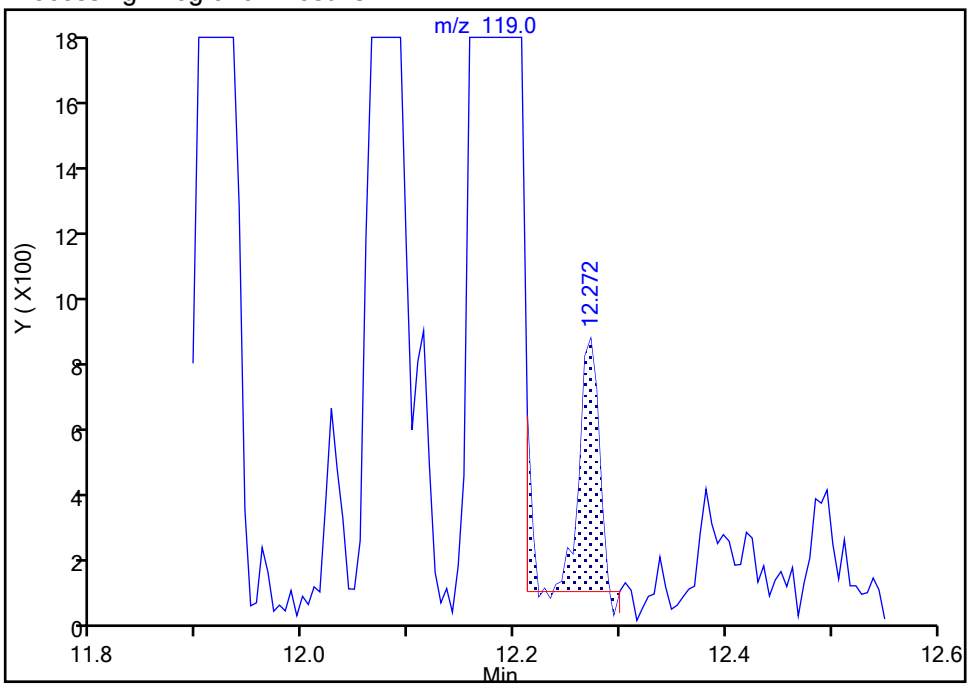
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24321.D
Injection Date: 01-Apr-2021 12:37:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

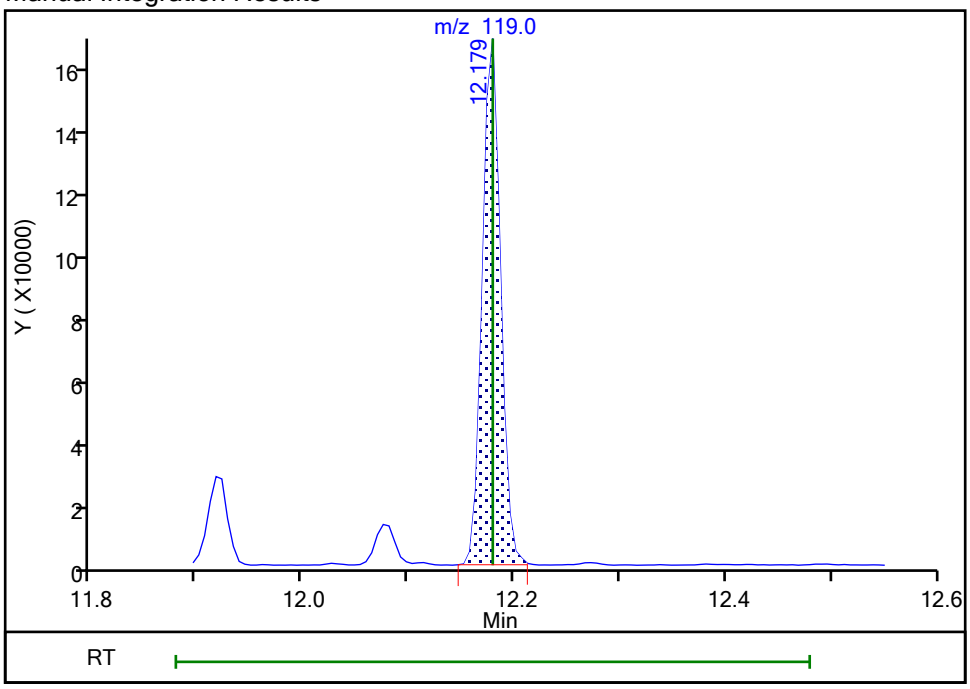
Processing Integration Results

RT: 12.27
Area: 1158
Amount: 0.137501
Amount Units: ug/l



Manual Integration Results

RT: 12.18
Area: 200394
Amount: 19.843143
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:11:13
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 01-Apr-2021 13:01:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0126371-006
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 10:13:29 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: baronm Date: 01-Apr-2021 16:09:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.994	0.999	-0.005	79	35965	NC	NC	a
2 Chlorotrifluoroethene	116	1.070	1.070	0.000	88	133045	50.0	52.8	
3 1,1-Difluoroethane	65	1.081	1.070	0.011	97	144238	NC	NC	
4 Dichlorodifluoromethane	85	1.103	1.087	0.016	97	455585	50.0	50.9	M
5 Chlorodifluoromethane	67	1.109	1.103	0.006	95	50374	50.0	52.0	a
6 Chloromethane	50	1.239	1.228	0.011	98	558319	50.0	49.1	
7 Butadiene	54	1.278	1.267	0.011	93	299818	50.0	50.9	
8 Vinyl chloride	62	1.299	1.294	0.005	98	423842	50.0	49.6	
9 Bromomethane	94	1.512	1.496	0.016	99	267176	50.0	50.2	
10 Chloroethane	64	1.534	1.518	0.016	100	187880	50.0	51.9	
11 Dichlorofluoromethane	67	1.687	1.676	0.011	99	468949	50.0	48.5	
13 Pentane	72	1.725	1.719	0.006	97	62128	100.0	91.4	
12 Trichlorofluoromethane	101	1.747	1.741	0.006	97	360440	50.0	48.5	
15 Ethyl ether	59	1.878	1.872	0.006	94	126802	50.0	49.7	
14 Ethanol	46	1.872	1.878	-0.006	68	46795	2000.0	1623.4	M
16 2-Methyl-1,3-butadiene	53	1.900	1.894	0.006	96	145944	50.0	51.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.922	1.916	0.006	91	184446	50.0	52.9	
19 Acrolein	56	1.976	1.965	0.011	96	185495	400.0	355.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.960	1.970	-0.010	94	301227	50.0	51.8	a
21 1,1-Dichloroethene	96	2.063	2.052	0.011	98	169559	50.0	48.4	
22 Acetone	43	2.102	2.090	0.012	87	316714	250.0	227.9	
20 112TCTFE	101	2.112	2.107	0.005	98	229471	50.0	51.1	
23 Iodomethane	142	2.189	2.178	0.011	96	387087	50.0	50.6	
24 Isopropyl alcohol	45	2.222	2.221	0.001	35	88731	500.0	204.8	Ma
25 Carbon disulfide	76	2.238	2.227	0.011	99	755471	50.0	51.6	
26 3-Chloro-1-propene	39	2.353	2.347	0.006	91	201093	50.0	51.1	
27 Methyl acetate	43	2.374	2.363	0.011	100	258684	100.0	88.6	
29 Acetonitrile	41	2.418	2.407	0.011	33	198233	500.0	436.7	Ma
28 Cyclopentene	67	2.424	2.418	0.006	95	429787	50.0	49.8	
31 Methylene Chloride	84	2.456	2.451	0.005	93	213066	50.0	48.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.614	2.571	0.043	87	768400	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.691	2.647	0.044	38	361480	500.0	455.7	a
35 Acrylonitrile	53	2.669	2.663	0.006	95	724408	500.0	531.7	
34 trans-1,2-Dichloroethene	96	2.696	2.691	0.005	97	177677	50.0	48.2	
33 Methyl tert-butyl ether	73	2.713	2.707	0.006	97	611195	50.0	51.2	
36 Hexane	43	2.958	2.953	0.005	92	161891	50.0	50.0	
38 1,1-Dichloroethane	63	3.078	3.073	0.005	99	315722	50.0	50.5	
39 Vinyl acetate	86	3.144	3.138	0.006	100	62840	100.0	92.7	
40 2-Chloro-1,3-butadiene	88	3.171	3.165	0.006	85	161143	50.0	51.4	
37 Isopropyl ether	45	3.171	3.165	0.006	85	645571	50.0	50.8	
41 Tert-butyl ethyl ether	87	3.531	3.520	0.011	90	250662	50.0	50.9	
* 42 2-Butanone-d5	46	3.613	3.602	0.011	92	415883	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.657	3.651	0.006	97	201318	50.0	49.7	
46 2-Butanone (MEK)	72	3.662	3.656	0.006	94	111409	250.0	233.9	a
43 2,2-Dichloropropane	79	3.668	3.662	0.006	96	103647	50.0	48.7	
48 Propionitrile	54	3.733	3.733	0.000	57	322151	500.0	452.3	a
45 Ethyl acetate	70	3.738	3.738	0.000	99	33373	100.0	93.5	
47 Methyl acrylate	55	3.766	3.749	0.017	99	195383	50.0	50.7	
51 Methacrylonitrile	67	3.886	3.880	0.006	91	721661	500.0	531.0	
50 Chlorobromomethane	128	3.897	3.891	0.006	93	107827	50.0	50.5	
49 Tetrahydrofuran	72	3.957	3.951	0.006	85	53355	100.0	98.3	
52 Chloroform	83	3.995	3.989	0.006	99	309823	50.0	50.7	
$ 55 Dibromofluoromethane (Surr)	113	4.164	4.158	0.006	98	239851	50.0	50.6	
54 1,1,1-Trichloroethane	97	4.186	4.180	0.006	99	316323	50.0	50.3	
53 Cyclohexane	84	4.257	4.257	0.000	91	343670	50.0	51.5	
57 1,1-Dichloropropene	75	4.361	4.355	0.005	98	234014	50.0	51.3	
56 Carbon tetrachloride	117	4.366	4.366	0.000	78	255721	50.0	50.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.519	4.519	0.000	0	225023	50.0	50.0	
58 Isobutyl alcohol	74	4.584	4.579	0.005	42	68221	1250.0	1103.9	a
60 Benzene	78	4.584	4.584	0.000	95	720353	50.0	50.5	
64 1,2-Dichloroethane	62	4.606	4.600	0.006	94	211842	50.0	49.5	
59 Isooctane	57	4.715	4.710	0.005	96	806463	50.0	51.7	
62 Isopropyl acetate	61	4.732	4.731	0.001	95	69756	50.0	50.3	a
63 Tert-amyl methyl ether	73	4.759	4.748	0.011	93	709001	50.0	53.1	M
* 66 Fluorobenzene	96	4.917	4.911	0.006	99	680847	50.0	50.0	
65 n-Heptane	43	4.950	4.933	0.017	93	293375	50.0	51.6	
68 n-Butanol	56	5.343	5.342	0.001	88	177010	1250.0	1140.5	M
69 Trichloroethene	95	5.359	5.348	0.011	97	172241	50.0	50.3	
70 Ethyl acrylate	55	5.534	5.528	0.006	97	183313	50.0	51.5	
71 Methylcyclohexane	83	5.599	5.593	0.006	94	396609	50.0	51.6	
72 1,2-Dichloropropane	63	5.621	5.615	0.006	93	190640	50.0	50.2	
* 73 1,4-Dioxane-d8	96	5.752	5.746	0.006	90	50049	1000.0	1000.0	
77 Dibromomethane	93	5.763	5.763	0.000	94	108717	50.0	49.4	
75 1,4-Dioxane	88	5.812	5.812	0.000	82	57294	1000.0	1031.8	
74 Methyl methacrylate	69	5.828	5.823	0.005	91	217778	100.0	103.0	
76 n-Propyl acetate	43	5.926	5.921	0.005	99	226100	50.0	52.4	
78 Dichlorobromomethane	83	5.992	5.986	0.006	99	217227	50.0	49.9	
79 2-Nitropropane	41	6.298	6.281	0.017	98	56933	100.0	105.2	
67 2-Chloroethyl vinyl ether	63	6.428	6.423	0.005	95	97468	50.1	51.0	
80 Epichlorohydrin	57	6.478	6.472	0.006	99	377336	1000.0	982.5	
81 cis-1,3-Dichloropropene	75	6.592	6.587	0.005	92	268214	50.0	50.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.843	6.838	0.005	96	984250	250.0	256.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.952	6.947	0.005	99	925602	50.0	50.4	
84 Toluene	91	7.040	7.034	0.006	93	752110	50.0	49.8	
85 trans-1,3-Dichloropropene	75	7.383	7.378	0.005	96	231500	50.0	49.6	
86 Ethyl methacrylate	69	7.585	7.580	0.005	90	211417	50.0	51.8	
87 1,1,2-Trichloroethane	83	7.634	7.629	0.005	95	124780	50.0	50.7	
88 Tetrachloroethene	166	7.814	7.814	0.000	97	204098	50.0	50.8	
89 1,3-Dichloropropane	76	7.864	7.863	0.001	93	243523	50.0	49.6	
90 2-Hexanone	43	8.054	8.054	0.000	96	582859	250.0	249.1	
92 Chlorodibromomethane	129	8.185	8.180	0.005	98	166225	50.0	50.8	
91 n-Butyl acetate	43	8.300	8.300	0.000	99	248339	50.0	51.4	
93 Ethylene Dibromide	107	8.316	8.316	0.000	98	153396	50.0	50.9	
* 94 Chlorobenzene-d5	117	9.058	9.053	0.005	84	585493	50.0	50.0	
95 Chlorobenzene	112	9.097	9.096	0.001	97	500992	50.0	50.6	
97 1,1,1,2-Tetrachloroethane	131	9.255	9.255	0.000	95	228190	50.0	51.6	
96 Ethylbenzene	106	9.315	9.315	0.000	98	284183	50.0	51.7	
98 m-Xylene & p-Xylene	106	9.511	9.511	0.000	0	348137	50.0	51.1	
100 o-Xylene	106	10.068	10.068	0.000	94	388427	50.0	53.9	
101 Styrene	104	10.090	10.090	0.000	96	559853	50.0	52.6	
99 n-Butyl acrylate	73	10.128	10.128	0.000	98	135808	50.0	54.4	
103 Bromoform	173	10.281	10.281	0.001	98	125088	50.0	52.3	
102 Amyl acetate (mixed isomers)	43	10.433	10.428	0.005	91	314497	50.0	54.1	
104 Isopropylbenzene	105	10.543	10.542	0.001	95	1072586	50.0	54.1	
$ 105 4-Bromofluorobenzene	174	10.690	10.695	-0.005	97	330169	50.0	51.4	
106 Bromobenzene	156	10.826	10.826	0.000	93	246636	50.0	49.9	
107 1,1,2,2-Tetrachloroethane	83	10.892	10.892	0.000	98	254585	50.0	51.2	
109 1,2,3-Trichloropropane	110	10.914	10.913	0.001	98	68320	50.0	50.8	
110 trans-1,4-Dichloro-2-butene	53	10.957	10.952	0.005	93	56093	50.0	48.6	
108 N-Propylbenzene	91	11.001	11.001	0.000	100	1162196	50.0	51.8	
111 2-Chlorotoluene	91	11.055	11.055	0.000	97	695122	50.0	51.6	
112 4-Ethyltoluene	105	11.121	11.121	0.000	99	969751	50.0	52.5	
114 4-Chlorotoluene	91	11.170	11.170	0.000	98	720631	50.0	50.7	
113 1,3,5-Trimethylbenzene	105	11.192	11.192	0.000	93	918745	50.0	52.0	
115 Butyl Methacrylate	87	11.339	11.339	0.000	90	267574	50.0	53.5	
116 tert-Butylbenzene	119	11.503	11.497	0.006	96	720351	50.0	51.3	
117 1,2,4-Trimethylbenzene	105	11.547	11.546	0.001	97	928730	50.0	52.4	
118 sec-Butylbenzene	105	11.705	11.705	0.000	99	1218026	50.0	53.8	
120 1,3-Dichlorobenzene	146	11.776	11.776	0.000	98	476651	50.0	50.3	
* 121 1,4-Dichlorobenzene-d4	152	11.836	11.836	0.000	94	386695	50.0	50.0	
119 4-Isopropyltoluene	119	11.847	11.846	0.001	98	1079085	50.0	53.0	
122 1,4-Dichlorobenzene	146	11.858	11.857	0.001	95	480677	50.0	50.0	
123 1,2,3-Trimethylbenzene	105	11.918	11.917	0.001	98	1020602	50.0	52.8	
124 Benzyl chloride	91	11.983	11.983	0.000	99	445102	50.0	52.4	
125 2,3-Dihydroindene	117	12.081	12.081	0.000	94	940101	50.0	52.7	
128 1,2-Dichlorobenzene	146	12.174	12.174	0.000	98	505109	50.0	50.8	
126 p-Diethylbenzene	119	12.179	12.179	0.000	93	552474	50.0	52.7	a
127 n-Butylbenzene	92	12.196	12.196	0.000	98	535853	50.0	52.2	
129 1,2,4,5-Tetramethylbenzene	119	12.802	12.801	0.001	98	1062518	50.0	53.9	
130 1,2-Dibromo-3-Chloropropane	157	12.807	12.807	0.000	87	74938	50.0	51.5	
131 1,3,5-Trichlorobenzene	180	12.976	12.976	0.000	97	486060	50.0	50.8	
132 1,2,4-Trichlorobenzene	180	13.429	13.429	0.000	93	462259	50.0	50.1	
133 Hexachlorobutadiene	225	13.565	13.565	0.000	98	228289	50.0	47.9	
134 Naphthalene	128	13.598	13.598	0.000	100	1096061	50.0	53.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.778	13.773	0.005	96	488775	50.0	50.8	
S 136 1,2-Dichloroethene, Total	100				0		100.0	97.9	
S 137 Xylenes, Total	100				0		100.0	105.0	
S 139 Total BTEX	1				0		250.0	257.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00122	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00135	Amount Added:	5.00	Units: uL	
524freon_00034	Amount Added:	5.00	Units: uL	
GASES Li_00414	Amount Added:	5.00	Units: uL	
8260SURR250_00216	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Apr-2021 10:13:37 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D

Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9 Operator ID:

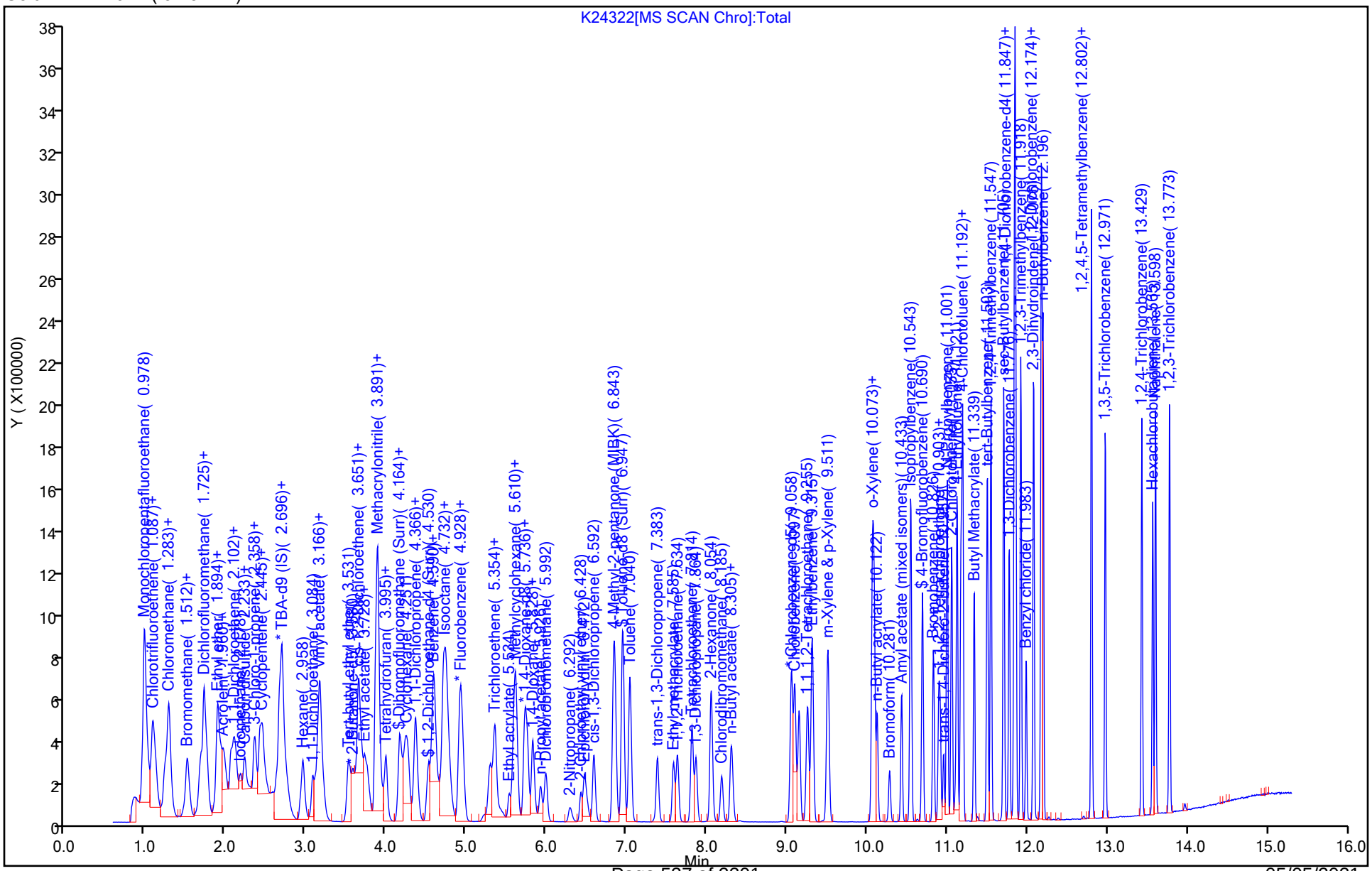
Lims ID: STD50 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

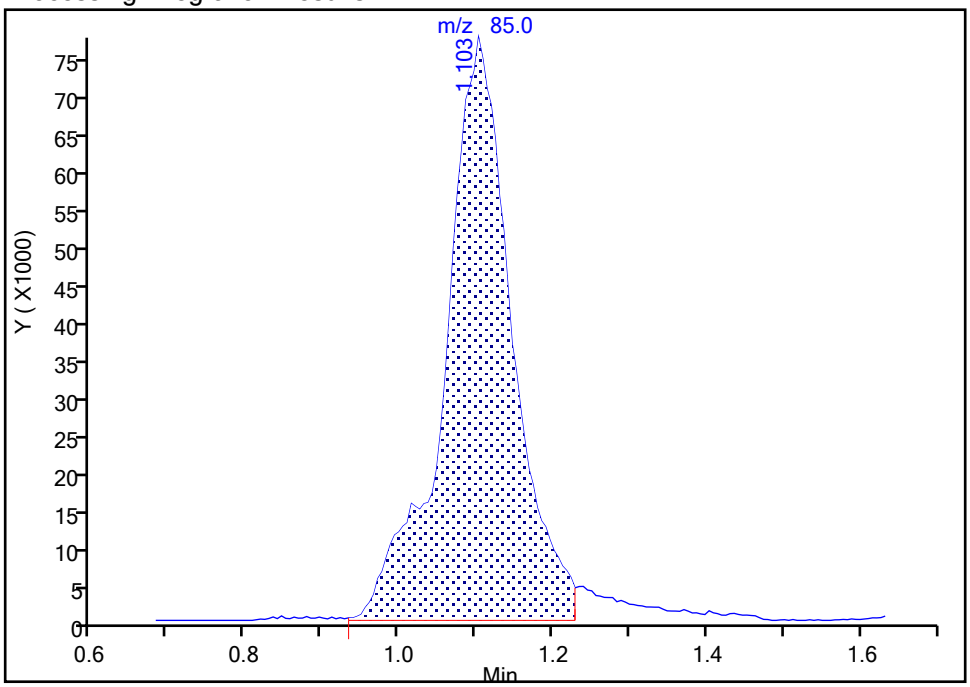
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

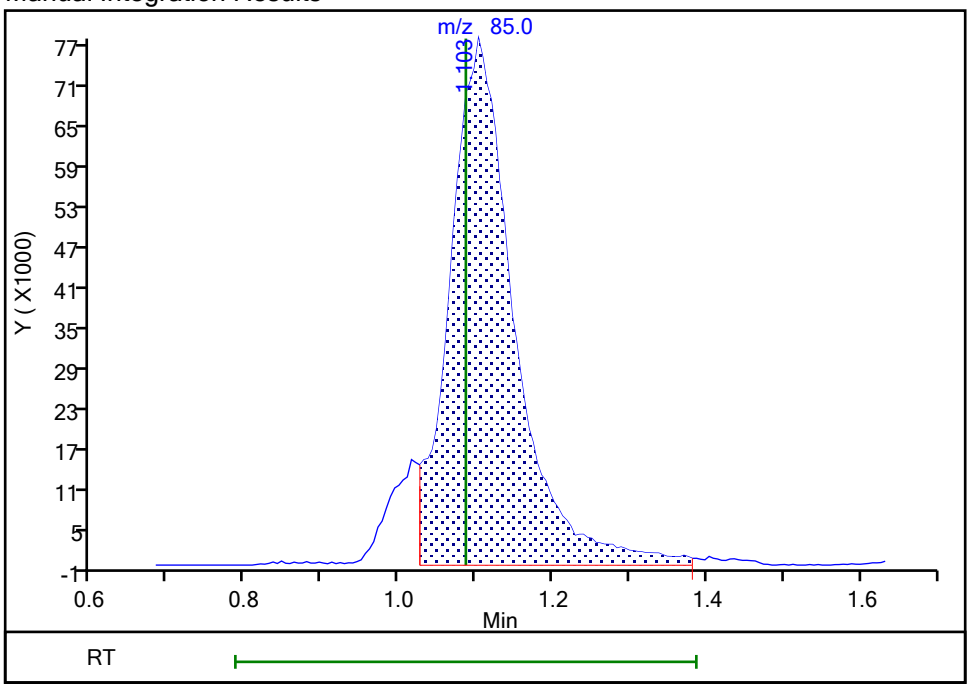
Processing Integration Results

RT: 1.10
Area: 472662
Amount: 50.687227
Amount Units: ug/l



Manual Integration Results

RT: 1.10
Area: 455585
Amount: 50.886829
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:31:43
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

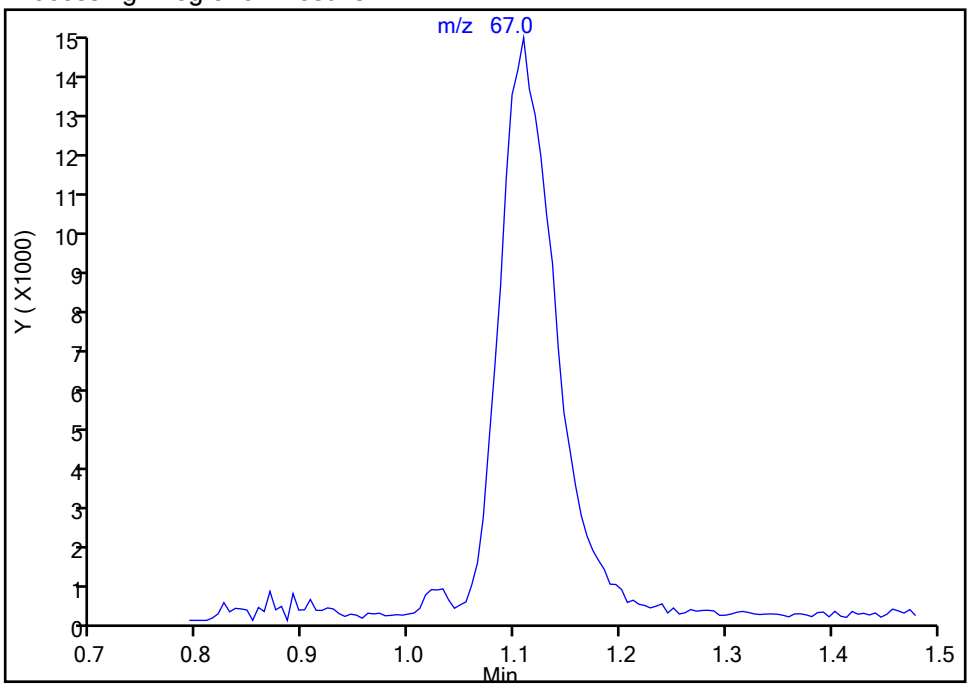
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

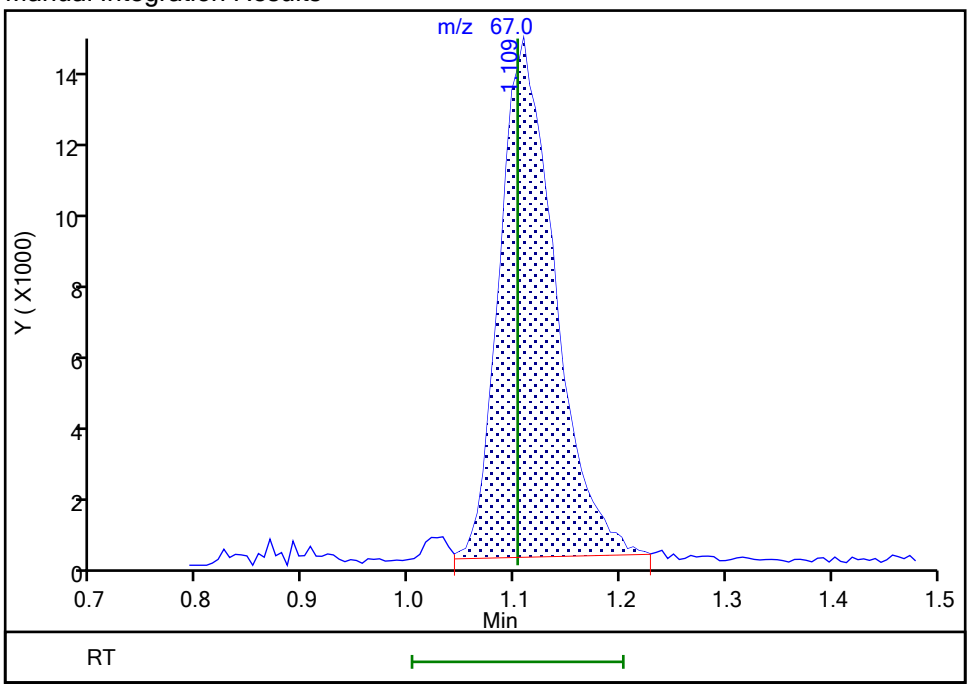
Not Detected
Expected RT: 1.10

Processing Integration Results



Manual Integration Results

RT: 1.11
Area: 50374
Amount: 51.980780
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:31:49
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

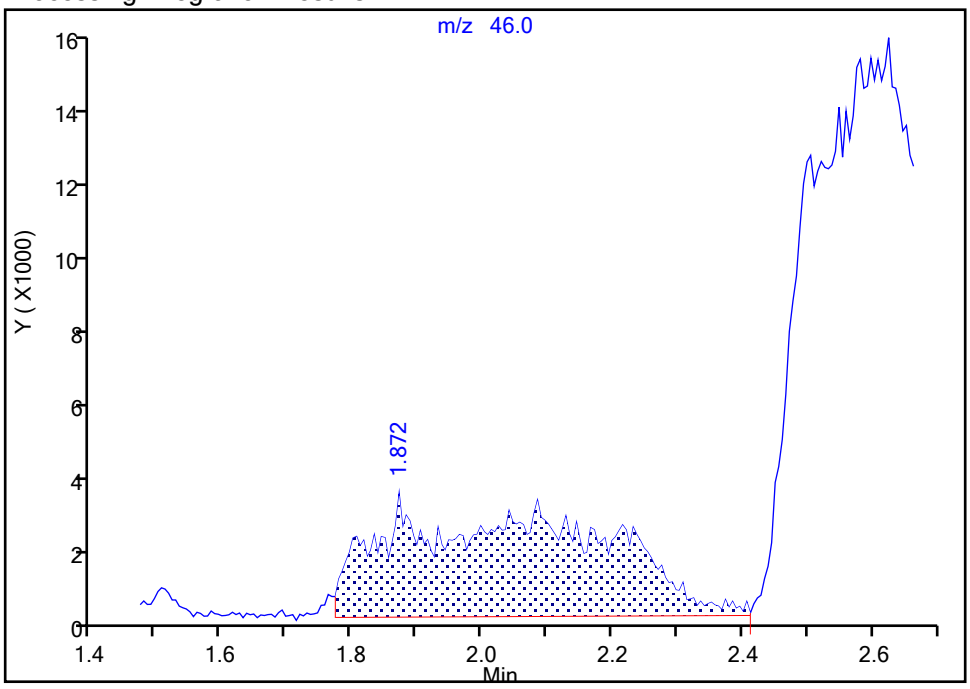
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

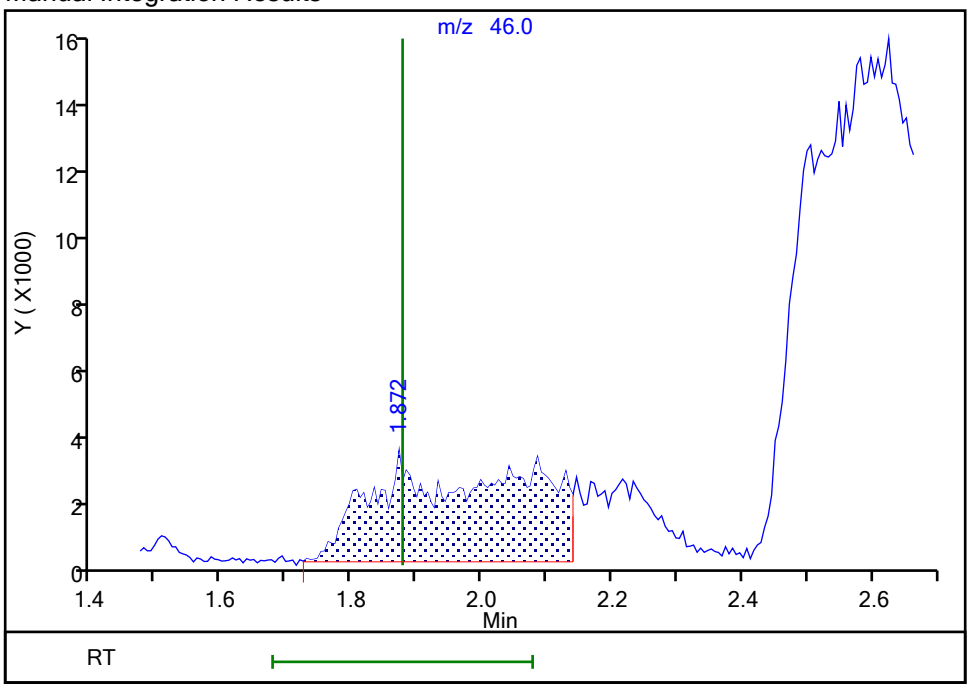
Processing Integration Results

RT: 1.87
Area: 65107
Amount: 2282.5120
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 46795
Amount: 1623.4259
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:32:30
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

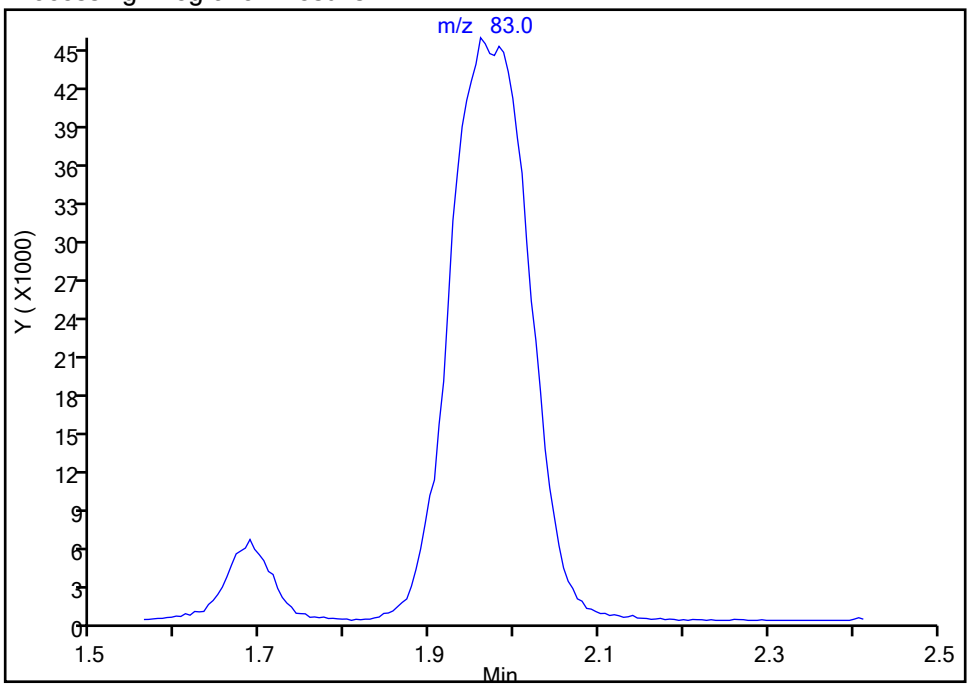
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

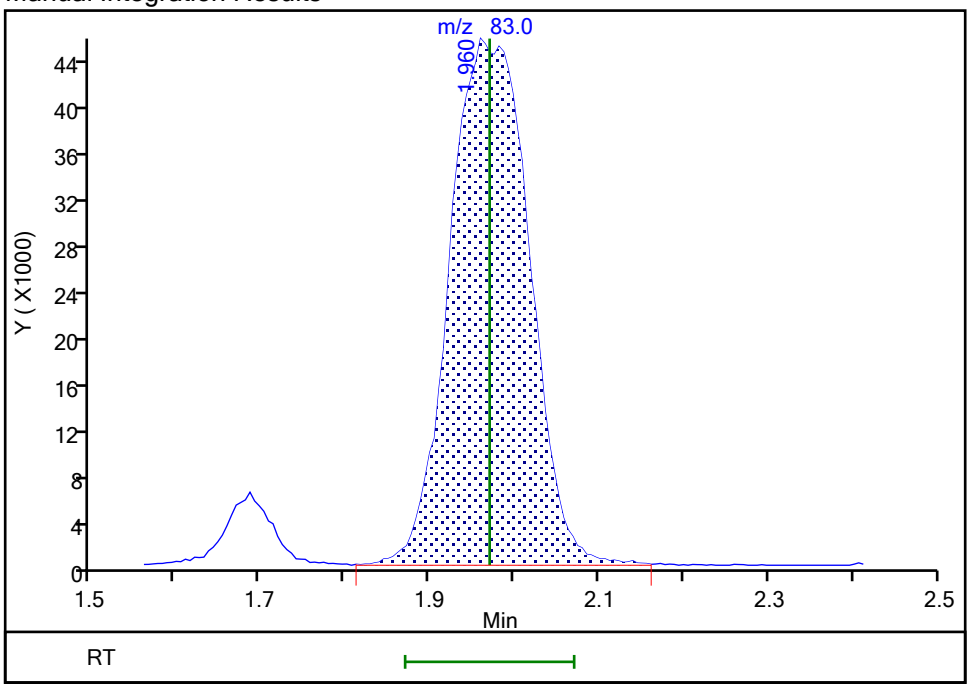
Not Detected
Expected RT: 1.97

Processing Integration Results



Manual Integration Results

RT: 1.96
Area: 301227
Amount: 51.778261
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:32:37
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

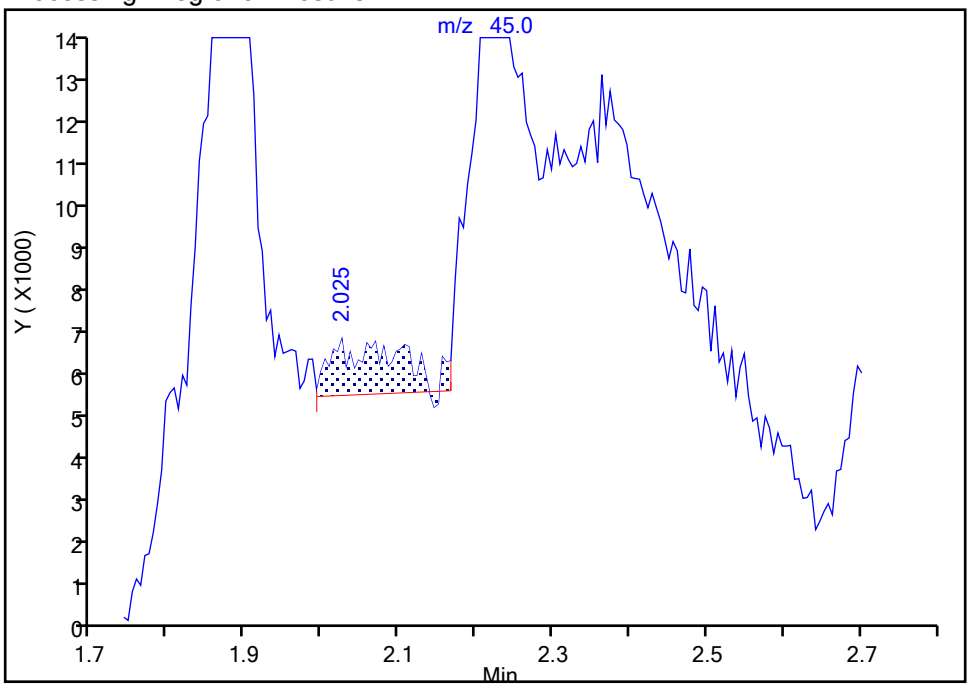
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

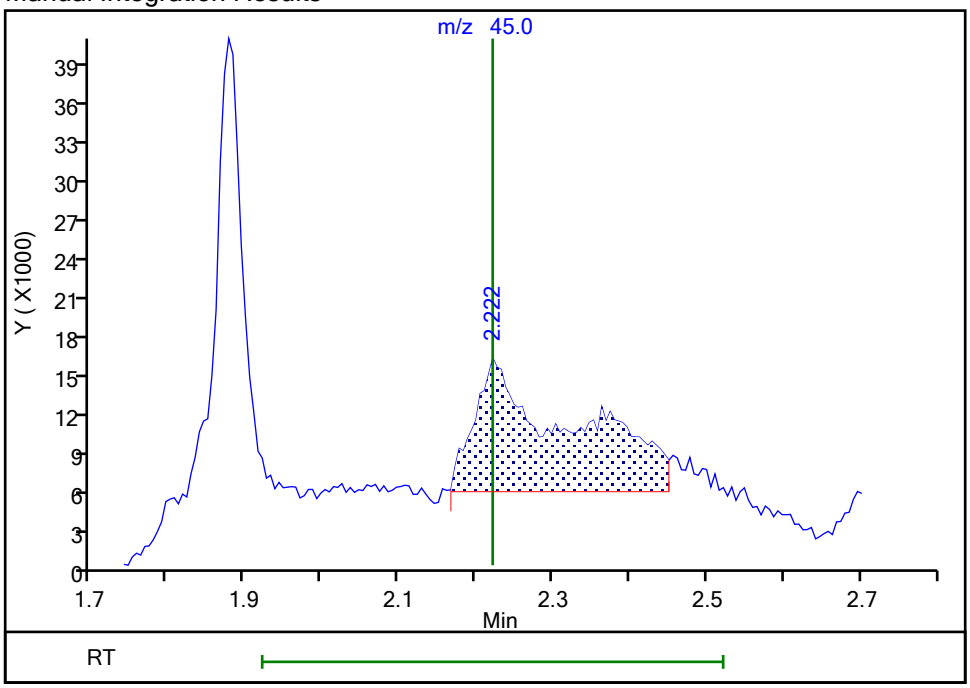
Processing Integration Results

RT: 2.03
Area: 7338
Amount: 29.516676
Amount Units: ug/l



Manual Integration Results

RT: 2.22
Area: 88731
Amount: 204.7880
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:32:53
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

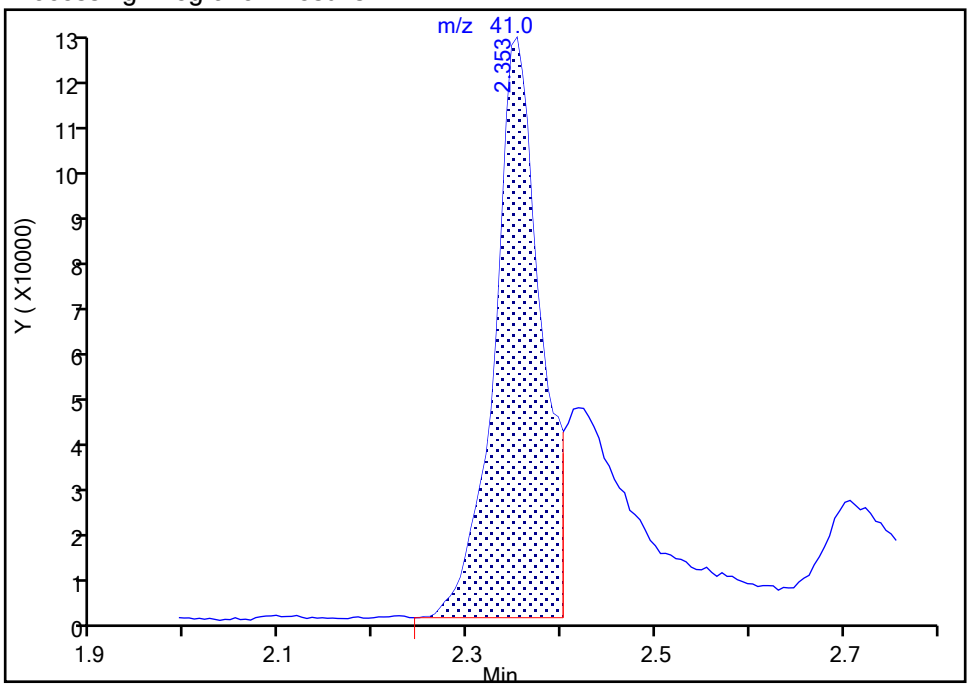
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

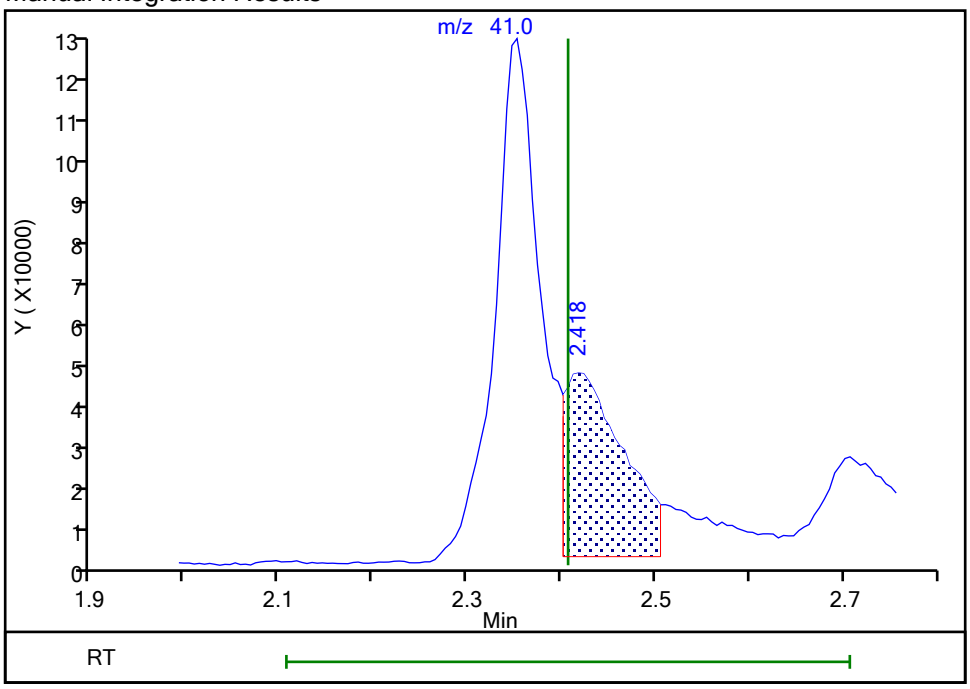
Processing Integration Results

RT: 2.35
Area: 438237
Amount: 543.5152
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 198233
Amount: 436.6762
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:33:09
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

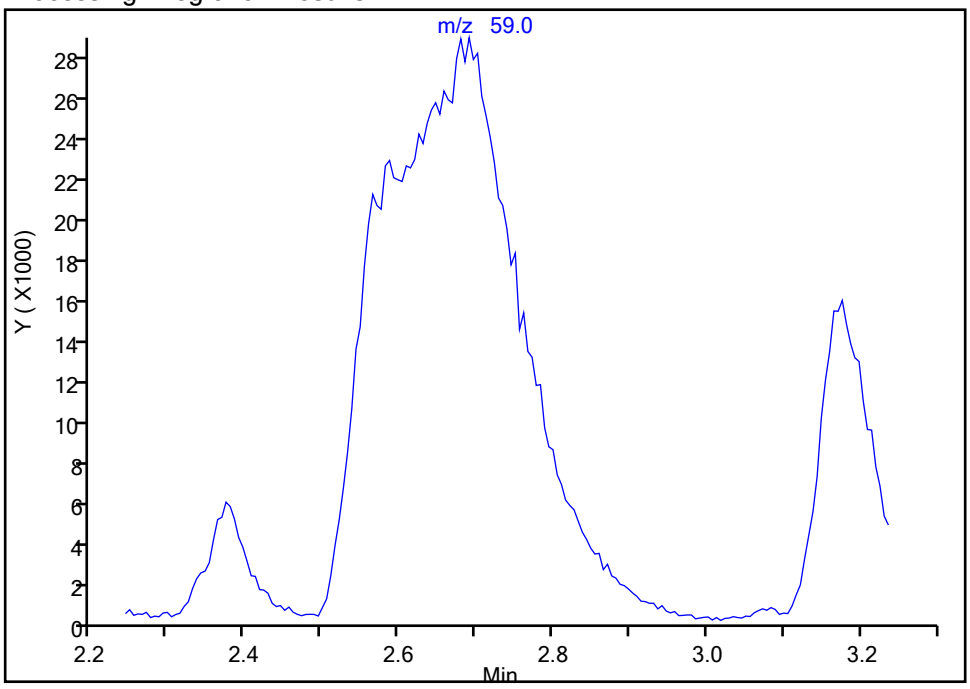
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

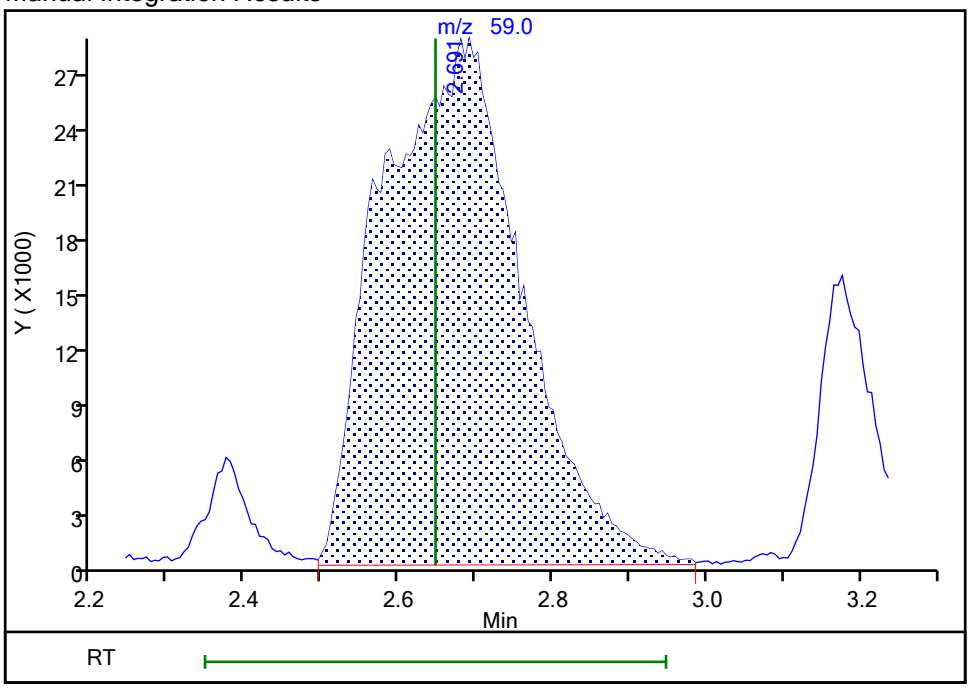
Not Detected
Expected RT: 2.65

Processing Integration Results



Manual Integration Results

RT: 2.69
Area: 361480
Amount: 455.6905
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:33:16
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

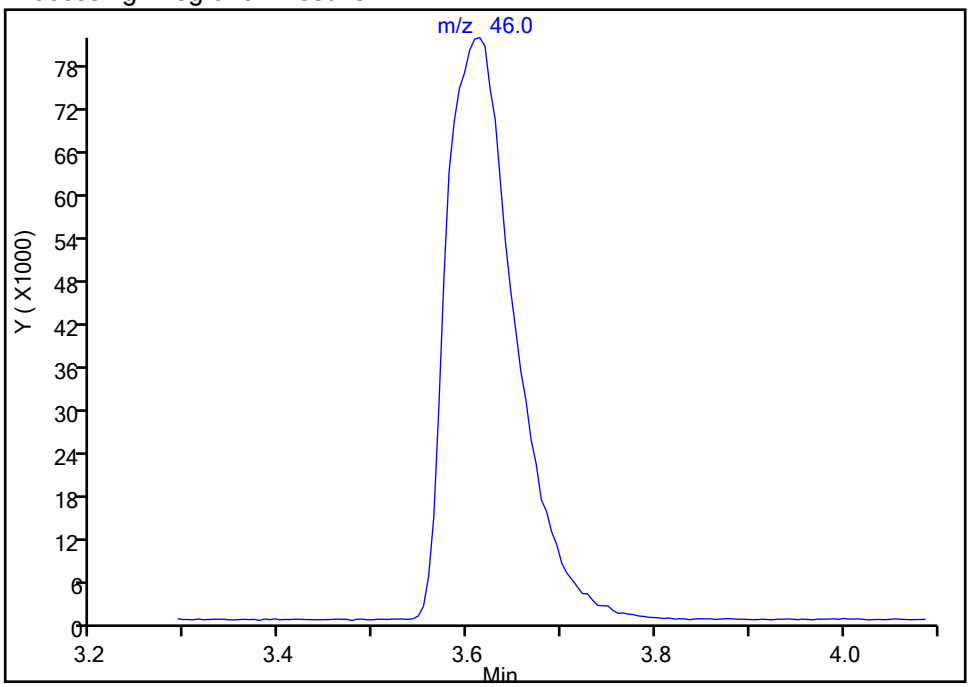
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

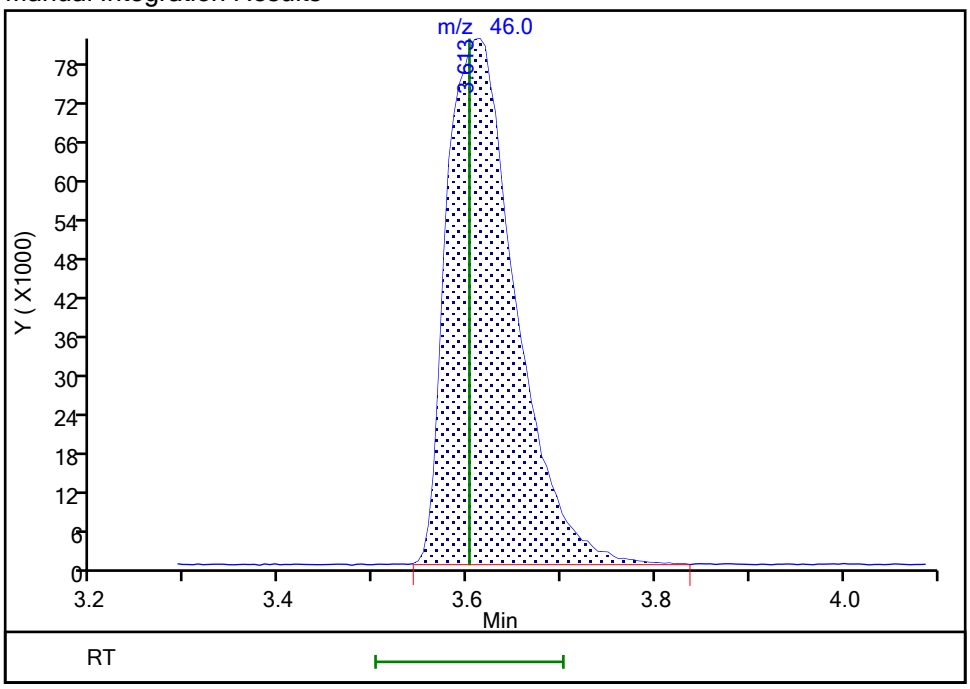
Not Detected
Expected RT: 3.60

Processing Integration Results



Manual Integration Results

RT: 3.61
Area: 415883
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:31:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

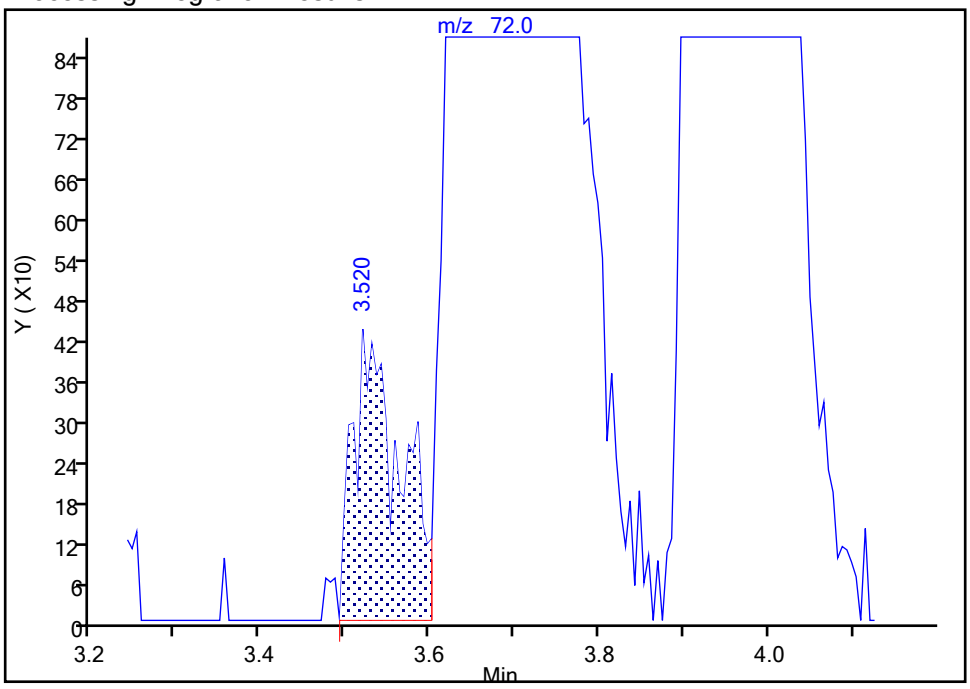
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

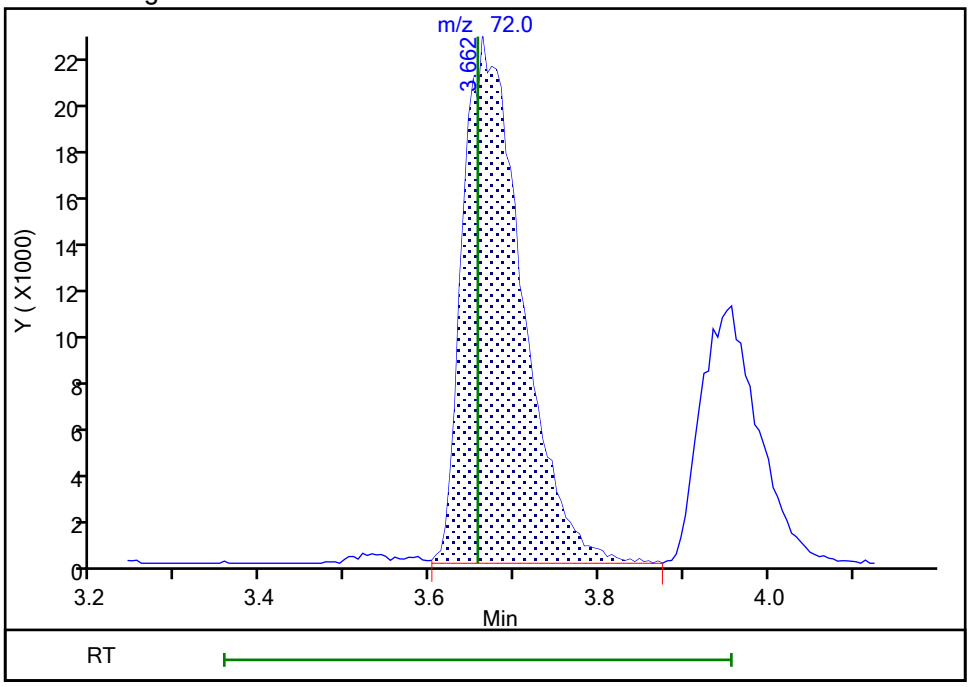
Processing Integration Results

RT: 3.52
Area: 1671
Amount: 4.497687
Amount Units: ug/l



Manual Integration Results

RT: 3.66
Area: 111409
Amount: 233.9278
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:33:24
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

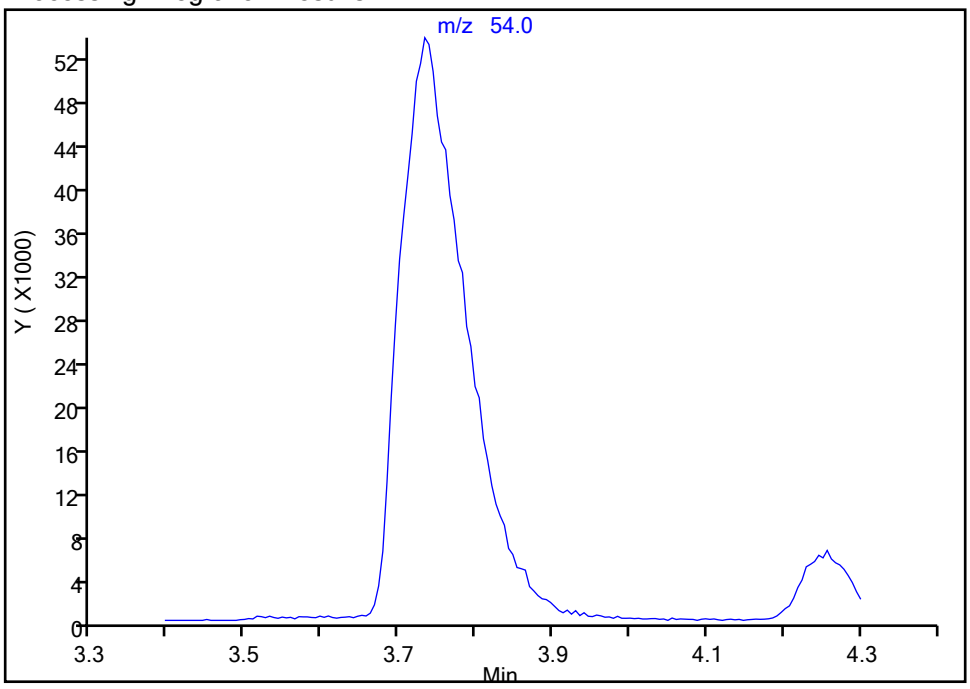
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D		
Injection Date:	01-Apr-2021 13:01:30	Instrument ID:	CVOAMS9
Lims ID:	STD50		
Client ID:			
Operator ID:		ALS Bottle#:	5 Worklist Smp#: 6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

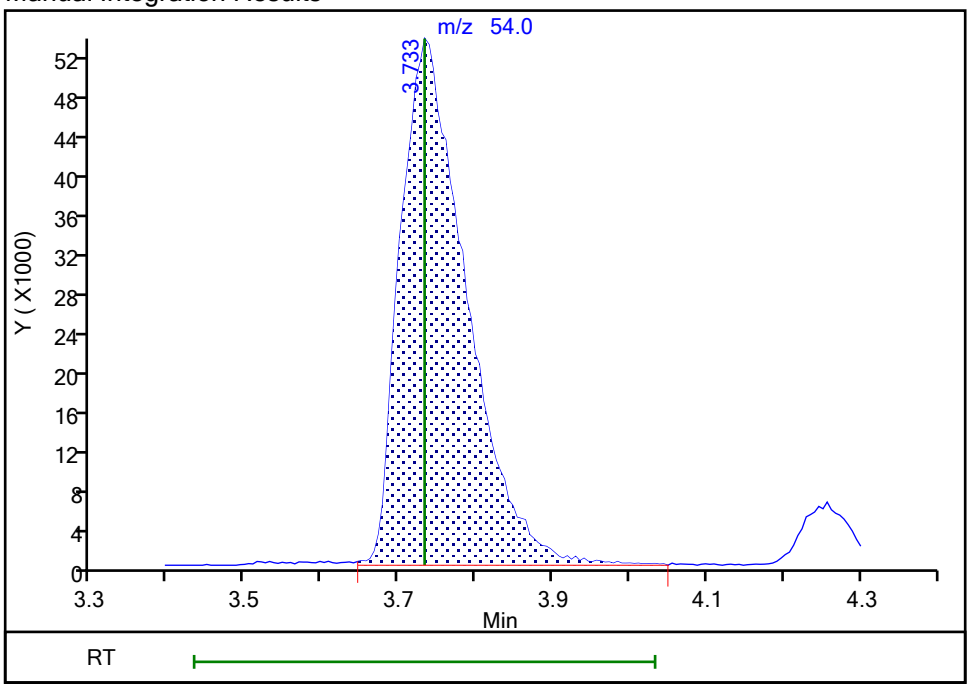
Not Detected
Expected RT: 3.73

Processing Integration Results



Manual Integration Results

RT: 3.73
Area: 322151
Amount: 452.2779
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:33:29
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

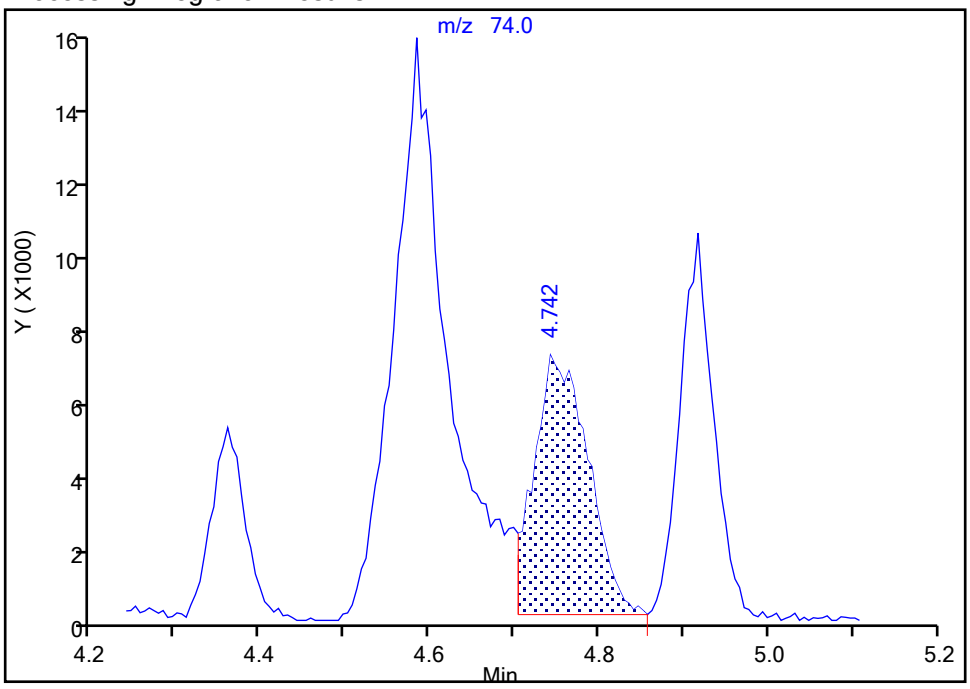
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

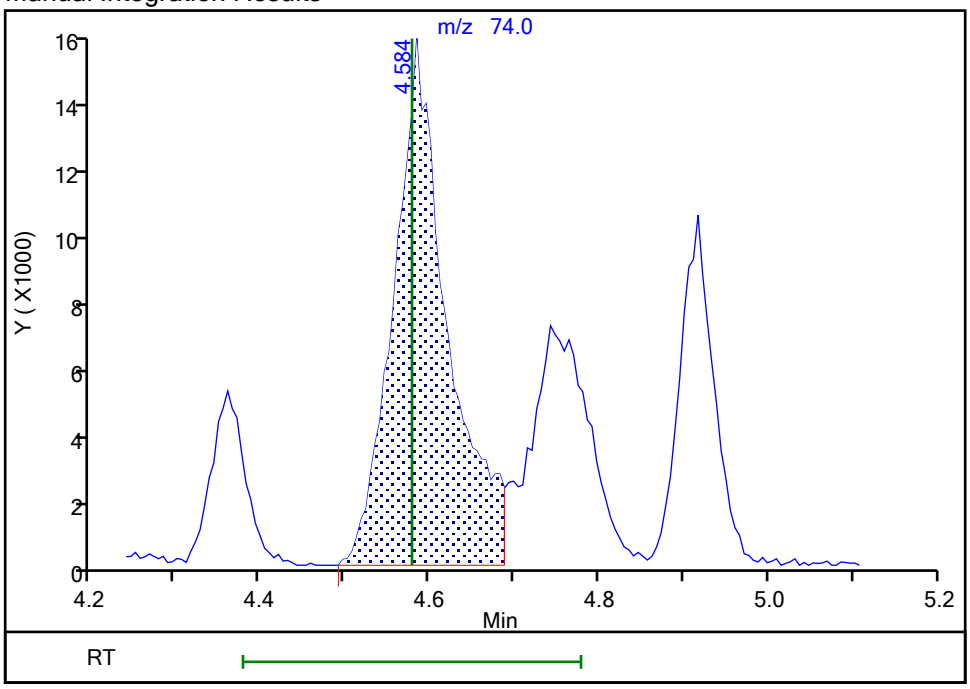
Processing Integration Results

RT: 4.74
Area: 30651
Amount: 1025.6591
Amount Units: ug/l



Manual Integration Results

RT: 4.58
Area: 68221
Amount: 1103.9265
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:33:37
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

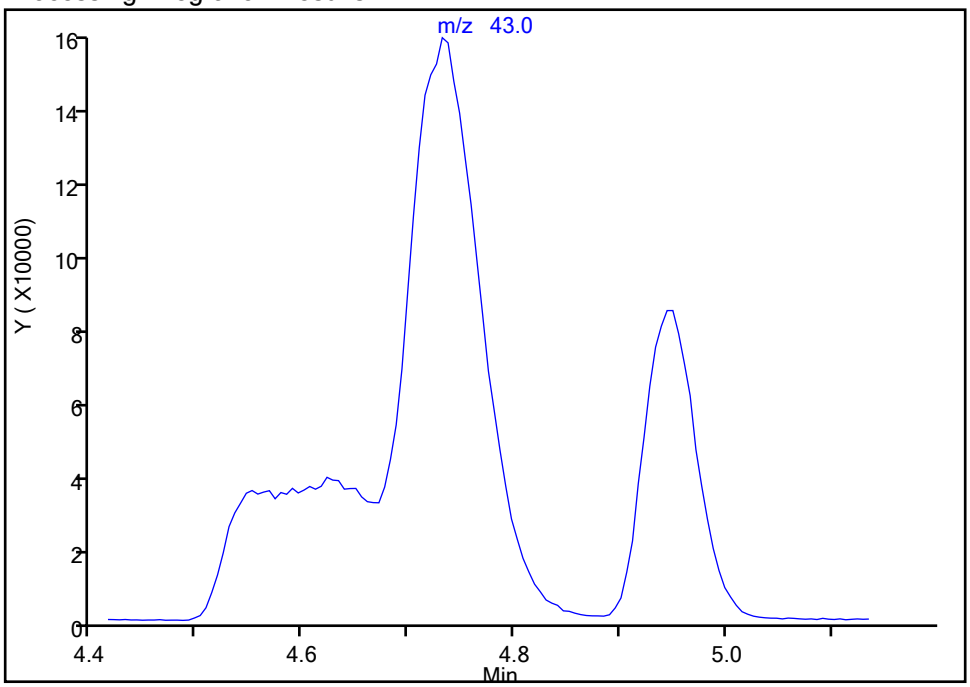
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

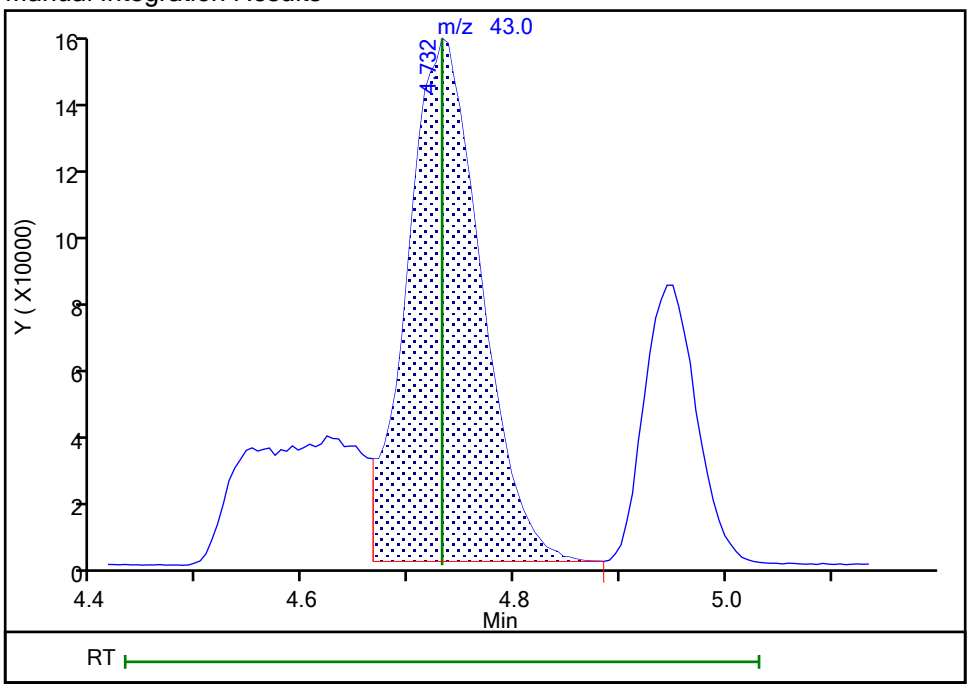
Not Detected
Expected RT: 4.73

Processing Integration Results



Manual Integration Results

RT: 4.73
Area: 768516
Amount: 50.347686
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:33:43
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

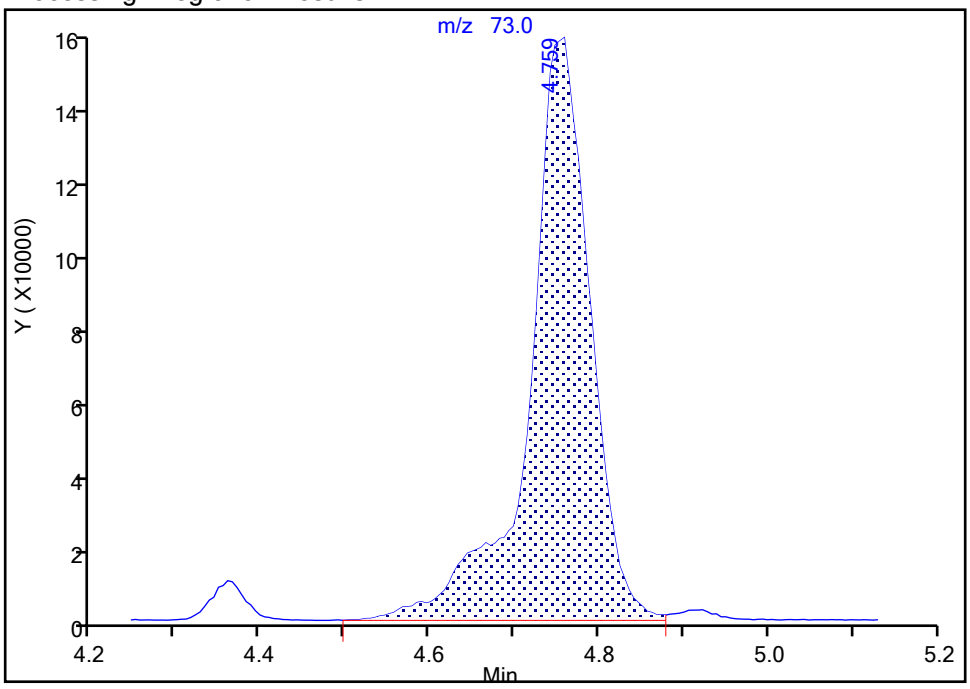
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

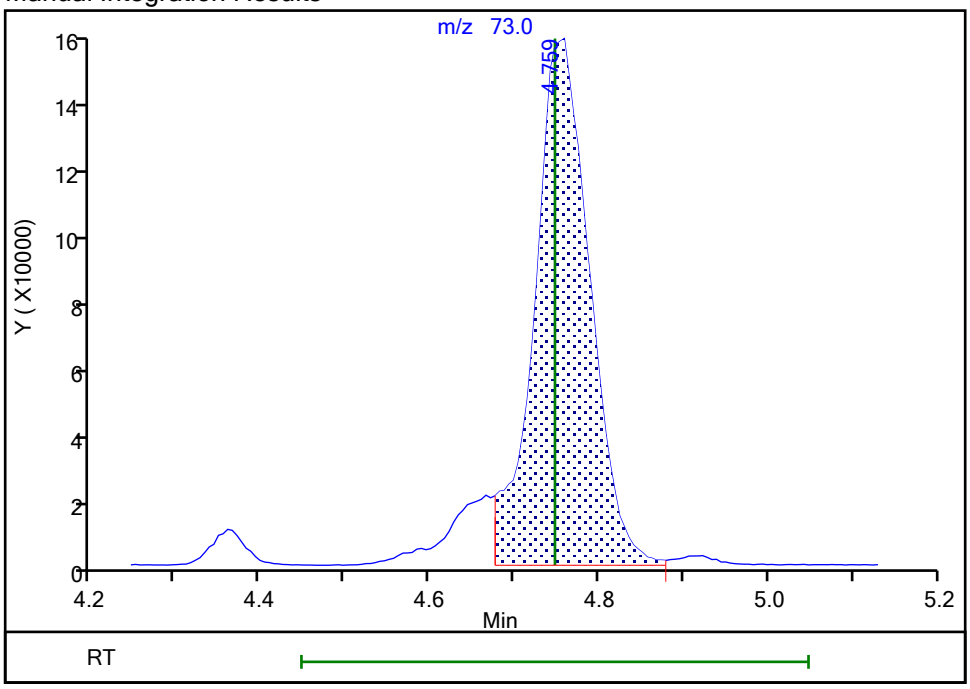
Processing Integration Results

RT: 4.76
Area: 784746
Amount: 57.481243
Amount Units: ug/l



Manual Integration Results

RT: 4.76
Area: 709001
Amount: 53.068619
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:33:49
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

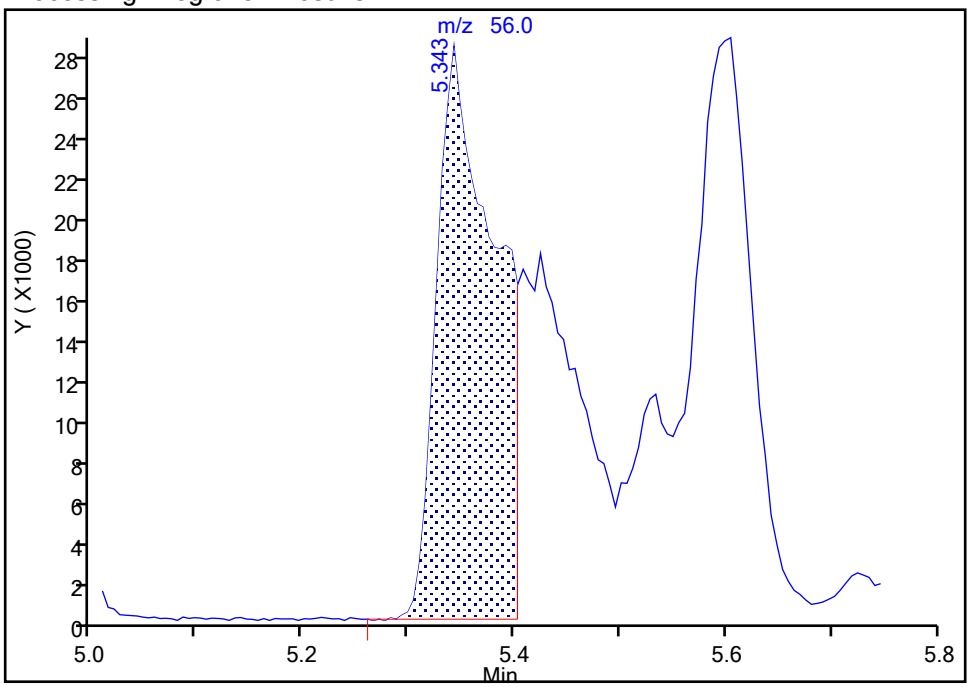
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

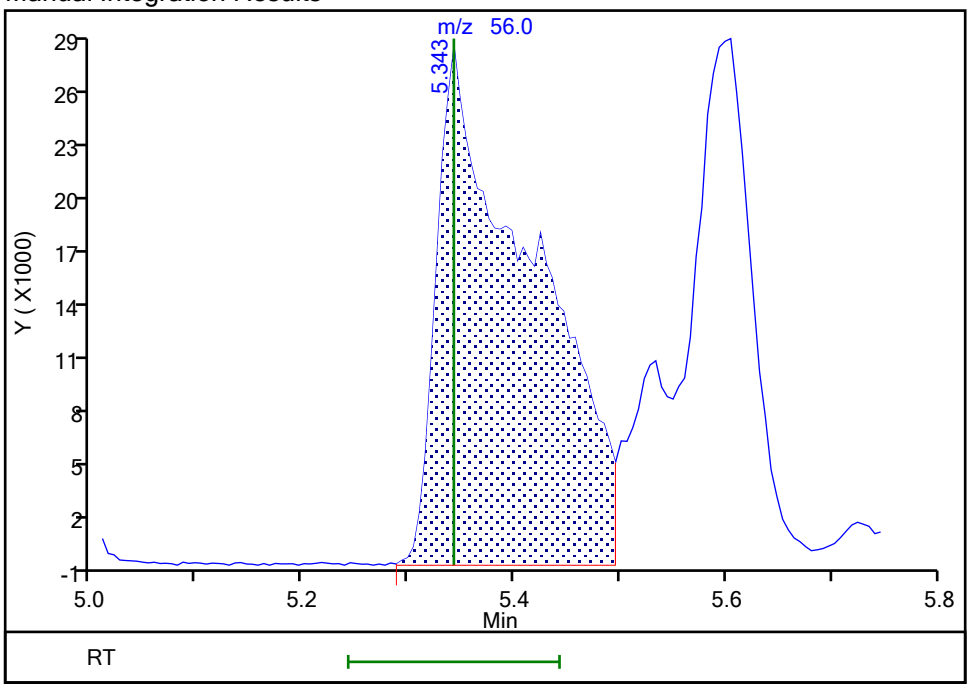
Processing Integration Results

RT: 5.34
Area: 107964
Amount: 1120.5433
Amount Units: ug/l



Manual Integration Results

RT: 5.34
Area: 177010
Amount: 1140.4595
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:34:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

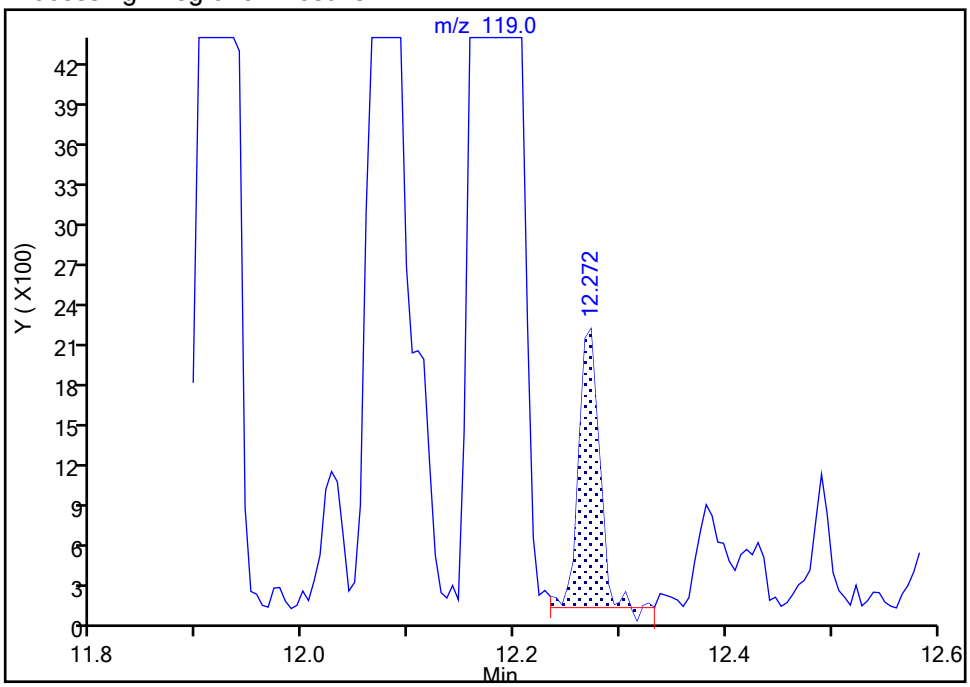
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24322.D
Injection Date: 01-Apr-2021 13:01:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

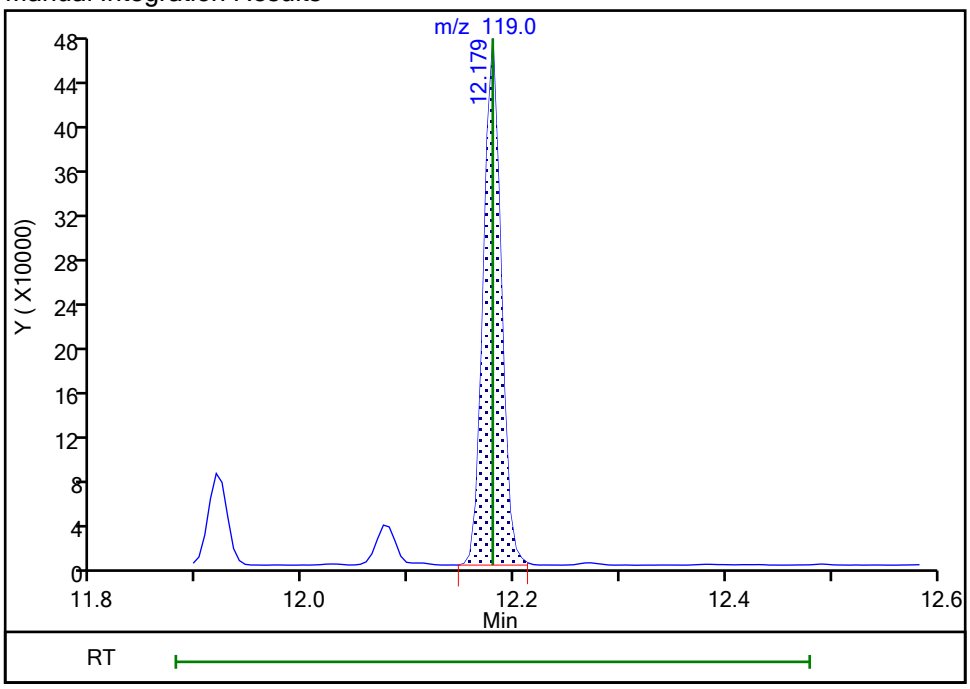
Processing Integration Results

RT: 12.27
Area: 2798
Amount: 0.553193
Amount Units: ug/l



Manual Integration Results

RT: 12.18
Area: 552474
Amount: 52.698427
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:34:20
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 01-Apr-2021 13:24:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0126371-007
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 10:13:54 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: baronm Date: 01-Apr-2021 16:12:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.016	0.999	0.017	80	108557	NC	NC	a
2 Chlorotrifluoroethene	116	1.076	1.070	0.006	92	488058	200.0	174.3	
3 1,1-Difluoroethane	65	1.086	1.070	0.016	98	528101	NC	NC	
4 Dichlorodifluoromethane	85	1.108	1.087	0.021	97	1839122	200.0	184.8	M
5 Chlorodifluoromethane	67	1.119	1.103	0.016	95	188334	200.0	177.1	a
6 Chloromethane	50	1.245	1.228	0.017	98	2332442	200.0	184.5	
7 Butadiene	54	1.283	1.267	0.016	92	1313078	200.0	200.7	
8 Vinyl chloride	62	1.305	1.294	0.011	97	1779366	200.0	187.4	
9 Bromomethane	94	1.518	1.496	0.022	99	1118079	200.0	189.0	
10 Chloroethane	64	1.539	1.518	0.021	100	789793	200.0	196.1	
11 Dichlorofluoromethane	67	1.687	1.676	0.011	99	1965533	200.0	183.0	
13 Pentane	72	1.730	1.719	0.011	96	244076	400.0	362.0	
12 Trichlorofluoromethane	101	1.752	1.741	0.011	98	1553029	200.0	187.8	
15 Ethyl ether	59	1.878	1.872	0.006	96	535057	200.0	188.6	
14 Ethanol	46	2.047	1.878	0.169	83	203996	8000.0	8123.8	Ma
16 2-Methyl-1,3-butadiene	53	1.905	1.894	0.011	92	617796	200.0	196.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.938	1.916	0.022	91	667892	200.0	172.2	a
19 Acrolein	56	1.976	1.965	0.011	95	236924	500.0	458.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.987	1.970	0.017	92	1091215	200.0	168.7	a
21 1,1-Dichloroethene	96	2.063	2.052	0.011	98	751615	200.0	193.1	
22 Acetone	43	2.101	2.090	0.011	88	1525297	1000.0	1035.3	
20 112TCTFE	101	2.118	2.107	0.011	99	1010554	200.0	202.4	
23 Iodomethane	142	2.183	2.178	0.005	97	1682181	200.0	197.6	
24 Isopropyl alcohol	45	2.221	2.221	0.000	96	867100	2000.0	2142.2	
25 Carbon disulfide	76	2.243	2.227	0.016	99	3243152	200.0	199.1	
26 3-Chloro-1-propene	39	2.352	2.347	0.005	90	848279	200.0	193.8	
27 Methyl acetate	43	2.374	2.363	0.011	99	1139146	400.0	393.4	
29 Acetonitrile	41	2.423	2.407	0.016	41	910090	2000.0	2020.8	Ma
28 Cyclopentene	67	2.429	2.418	0.011	96	1736305	200.0	180.9	
31 Methylene Chloride	84	2.461	2.451	0.010	93	905236	200.0	185.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.620	2.571	0.049	93	762297	1000.0	1000.0	M
32 2-Methyl-2-propanol	59	2.691	2.647	0.044	44	1519934	2000.0	1931.4	a
35 Acrylonitrile	53	2.669	2.663	0.006	95	2910744	2000.0	1921.6	
34 trans-1,2-Dichloroethene	96	2.702	2.691	0.011	95	750763	200.0	183.3	
33 Methyl tert-butyl ether	73	2.718	2.707	0.011	98	2596778	200.0	195.7	
36 Hexane	43	2.958	2.953	0.005	93	726737	200.0	202.0	
38 1,1-Dichloroethane	63	3.083	3.073	0.010	100	1364249	200.0	196.4	
39 Vinyl acetate	86	3.144	3.138	0.006	100	266786	400.0	396.7	
40 2-Chloro-1,3-butadiene	88	3.171	3.165	0.006	88	675130	200.0	193.8	
37 Isopropyl ether	45	3.176	3.165	0.011	87	2723882	200.0	192.7	
41 Tert-butyl ethyl ether	87	3.542	3.520	0.022	89	1089462	200.0	198.9	
* 42 2-Butanone-d5	46	3.618	3.602	0.016	92	440932	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.656	3.651	0.005	97	857260	200.0	190.2	
46 2-Butanone (MEK)	72	3.678	3.656	0.022	94	500813	1000.0	991.8	
43 2,2-Dichloropropane	79	3.684	3.662	0.022	96	456842	200.0	193.2	
48 Propionitrile	54	3.738	3.733	0.005	84	1285544	2000.0	1819.3	a
45 Ethyl acetate	70	3.749	3.738	0.011	99	140928	400.0	372.4	
47 Methyl acrylate	55	3.782	3.749	0.033	99	809787	200.0	188.8	a
51 Methacrylonitrile	67	3.891	3.880	0.011	92	2939486	2000.0	1945.6	
50 Chlorobromomethane	128	3.902	3.891	0.011	85	456535	200.0	192.2	
49 Tetrahydrofuran	72	3.957	3.951	0.005	93	222079	400.0	386.0	
52 Chloroform	83	3.995	3.989	0.006	99	1316259	200.0	193.9	
$ 55 Dibromofluoromethane (Surr)	113	4.164	4.158	0.006	98	258401	50.0	49.1	
54 1,1,1-Trichloroethane	97	4.197	4.180	0.017	98	1408310	200.0	201.2	
53 Cyclohexane	84	4.262	4.257	0.005	91	1548685	200.0	208.7	
57 1,1-Dichloropropene	75	4.366	4.355	0.011	98	1040066	200.0	205.2	
56 Carbon tetrachloride	117	4.377	4.366	0.011	97	1166901	200.0	208.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.524	4.519	0.005	0	244956	50.0	49.0	
58 Isobutyl alcohol	74	4.589	4.579	0.010	96	315980	5000.0	5154.0	
60 Benzene	78	4.589	4.584	0.005	96	3164484	200.0	200.3	
64 1,2-Dichloroethane	62	4.611	4.600	0.011	97	918047	200.0	193.0	
59 Isooctane	57	4.726	4.710	0.016	95	3721275	200.0	214.7	
62 Isopropyl acetate	61	4.737	4.731	0.006	91	288792	200.0	185.7	a
63 Tert-amyl methyl ether	73	4.759	4.748	0.011	95	3027449	200.0	203.8	M
* 66 Fluorobenzene	96	4.922	4.911	0.011	100	756933	50.0	50.0	a
65 n-Heptane	43	4.950	4.933	0.017	93	1340856	200.0	211.9	
68 n-Butanol	56	5.348	5.342	0.006	87	824004	5000.0	5351.5	M
69 Trichloroethene	95	5.359	5.348	0.011	97	783300	200.0	205.7	
70 Ethyl acrylate	55	5.539	5.528	0.011	98	740143	200.0	187.2	
71 Methylcyclohexane	83	5.604	5.593	0.011	94	1839585	200.0	215.2	
72 1,2-Dichloropropane	63	5.626	5.615	0.011	93	844124	200.0	200.0	
* 73 1,4-Dioxane-d8	96	5.752	5.746	0.006	29	53200	1000.0	1000.0	
77 Dibromomethane	93	5.768	5.763	0.005	93	482667	200.0	197.3	
75 1,4-Dioxane	88	5.812	5.812	0.000	84	234208	4000.0	3968.1	
74 Methyl methacrylate	69	5.834	5.823	0.011	91	927198	400.0	394.6	
76 n-Propyl acetate	43	5.932	5.921	0.011	99	931943	200.0	194.1	
78 Dichlorobromomethane	83	5.997	5.986	0.011	99	991699	200.0	205.1	
79 2-Nitropropane	41	6.297	6.281	0.016	98	261027	400.0	437.1	
67 2-Chloroethyl vinyl ether	63	6.428	6.423	0.005	95	416726	200.5	196.0	
80 Epichlorohydrin	57	6.483	6.472	0.011	99	1628298	4000.0	3998.8	
81 cis-1,3-Dichloropropene	75	6.597	6.587	0.010	91	1221886	200.0	205.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.848	6.838	0.010	96	4153857	1000.0	1020.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.952	6.947	0.005	99	1028625	50.0	50.6	
84 Toluene	91	7.045	7.034	0.011	93	3355483	200.0	200.6	
85 trans-1,3-Dichloropropene	75	7.389	7.378	0.011	96	1046113	200.0	202.4	
86 Ethyl methacrylate	69	7.585	7.580	0.005	90	947301	200.0	209.7	
87 1,1,2-Trichloroethane	83	7.634	7.629	0.005	94	540783	200.0	198.5	
88 Tetrachloroethene	166	7.820	7.814	0.006	97	912495	200.0	205.1	
89 1,3-Dichloropropane	76	7.869	7.863	0.006	93	1074857	200.0	197.7	
90 2-Hexanone	43	8.054	8.054	0.000	96	2490728	1000.0	1004.1	
92 Chlorodibromomethane	129	8.191	8.180	0.011	98	774448	200.0	213.6	
91 n-Butyl acetate	43	8.300	8.300	0.000	99	1022194	200.0	191.0	
93 Ethylene Dibromide	107	8.322	8.316	0.006	98	666385	200.0	199.8	
* 94 Chlorobenzene-d5	117	9.058	9.053	0.005	84	648572	50.0	50.0	
95 Chlorobenzene	112	9.102	9.096	0.006	98	2232706	200.0	203.8	
97 1,1,1,2-Tetrachloroethane	131	9.260	9.255	0.005	96	1039930	200.0	212.4	
96 Ethylbenzene	106	9.320	9.315	0.005	98	1283105	200.0	210.6	
98 m-Xylene & p-Xylene	106	9.511	9.511	0.000	0	1576571	200.0	208.9	
100 o-Xylene	106	10.068	10.068	0.000	94	1735332	200.0	217.4	
101 Styrene	104	10.089	10.090	-0.001	94	2506308	200.0	212.4	
99 n-Butyl acrylate	73	10.128	10.128	0.000	98	566101	200.0	204.5	
103 Bromoform	173	10.280	10.281	0.000	99	580936	200.0	219.3	
102 Amyl acetate (mixed isomers)	43	10.433	10.428	0.005	91	1251751	200.0	204.3	
104 Isopropylbenzene	105	10.548	10.542	0.006	95	4852118	200.0	220.9	
$ 105 4-Bromofluorobenzene	174	10.695	10.695	0.000	98	353536	50.0	49.6	
106 Bromobenzene	156	10.832	10.826	0.006	93	1054322	200.0	202.0	
107 1,1,2,2-Tetrachloroethane	83	10.897	10.892	0.005	99	1079389	200.0	205.8	
109 1,2,3-Trichloropropane	110	10.913	10.913	0.000	99	284006	200.0	200.2	
110 trans-1,4-Dichloro-2-butene	53	10.957	10.952	0.005	94	239466	200.0	196.8	
108 N-Propylbenzene	91	11.001	11.001	0.000	100	5190171	200.0	219.5	
111 2-Chlorotoluene	91	11.055	11.055	0.000	97	3000109	200.0	211.3	
112 4-Ethyltoluene	105	11.126	11.121	0.005	99	3976943	200.0	203.9	
114 4-Chlorotoluene	91	11.175	11.170	0.005	97	3178846	200.0	212.2	
113 1,3,5-Trimethylbenzene	105	11.197	11.192	0.005	93	4162042	200.0	223.5	
115 Butyl Methacrylate	87	11.339	11.339	0.000	90	1155433	200.0	219.1	
116 tert-Butylbenzene	119	11.503	11.497	0.006	95	3384797	200.0	228.4	
117 1,2,4-Trimethylbenzene	105	11.546	11.546	0.000	97	4120245	200.0	220.2	
118 sec-Butylbenzene	105	11.705	11.705	0.000	99	5590621	200.0	234.1	
120 1,3-Dichlorobenzene	146	11.775	11.776	-0.001	97	2030013	200.0	203.2	
* 121 1,4-Dichlorobenzene-d4	152	11.836	11.836	0.000	94	407933	50.0	50.0	
119 4-Isopropyltoluene	119	11.846	11.846	0.000	98	4899752	200.0	228.3	
122 1,4-Dichlorobenzene	146	11.857	11.857	0.000	95	2016378	200.0	198.9	
123 1,2,3-Trimethylbenzene	105	11.923	11.917	0.006	98	4380423	200.0	214.8	
124 Benzyl chloride	91	11.988	11.983	0.005	99	1892078	200.0	211.1	
125 2,3-Dihydroindene	117	12.081	12.081	0.000	95	3870994	200.0	205.7	
128 1,2-Dichlorobenzene	146	12.174	12.174	0.000	97	2139673	200.0	204.0	
126 p-Diethylbenzene	119	12.179	12.179	0.000	95	2249019	200.0	203.4	a
127 n-Butylbenzene	92	12.201	12.196	0.005	98	2362148	200.0	218.2	
129 1,2,4,5-Tetramethylbenzene	119	12.801	12.801	0.000	98	4543779	200.0	218.7	
130 1,2-Dibromo-3-Chloropropane	157	12.807	12.807	0.000	86	320650	200.0	209.1	
131 1,3,5-Trichlorobenzene	180	12.976	12.976	0.000	97	1972818	200.0	195.3	
132 1,2,4-Trichlorobenzene	180	13.429	13.429	0.000	94	1953319	200.0	200.7	
133 Hexachlorobutadiene	225	13.565	13.565	0.000	97	1058450	200.0	210.6	
134 Naphthalene	128	13.603	13.598	0.005	99	4585437	200.0	212.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.778	13.773	0.005	96	2063523	200.0	203.2	
S 136 1,2-Dichloroethene, Total	100				0		400.0	373.5	
S 137 Xylenes, Total	100				0		400.0	426.3	
S 139 Total BTEX	1				0		1000.0	1037.8	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00122	Amount Added:	5.00	Units: uL		
MIX 2 Hi_00109	Amount Added:	2.00	Units: uL		
MIX I Hi_00136	Amount Added:	2.00	Units: uL		
8FreonHi_00030	Amount Added:	2.00	Units: uL		
Ethanol mix_00050	Amount Added:	2.00	Units: uL		
GAS Hi_00385	Amount Added:	2.00	Units: uL		
8260SURR250_00216	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 30-Apr-2021 10:14:01 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D

Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9 Operator ID:

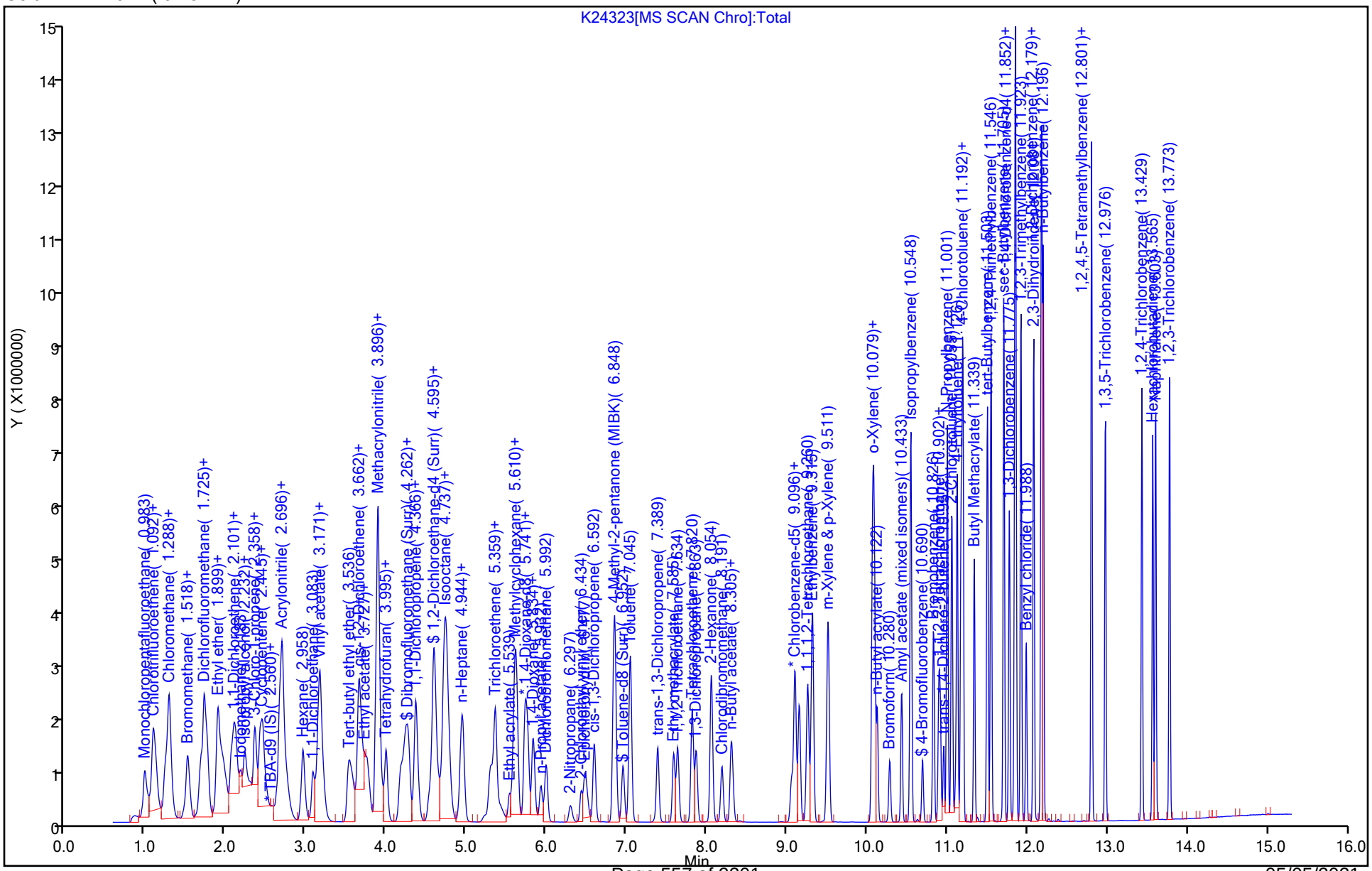
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

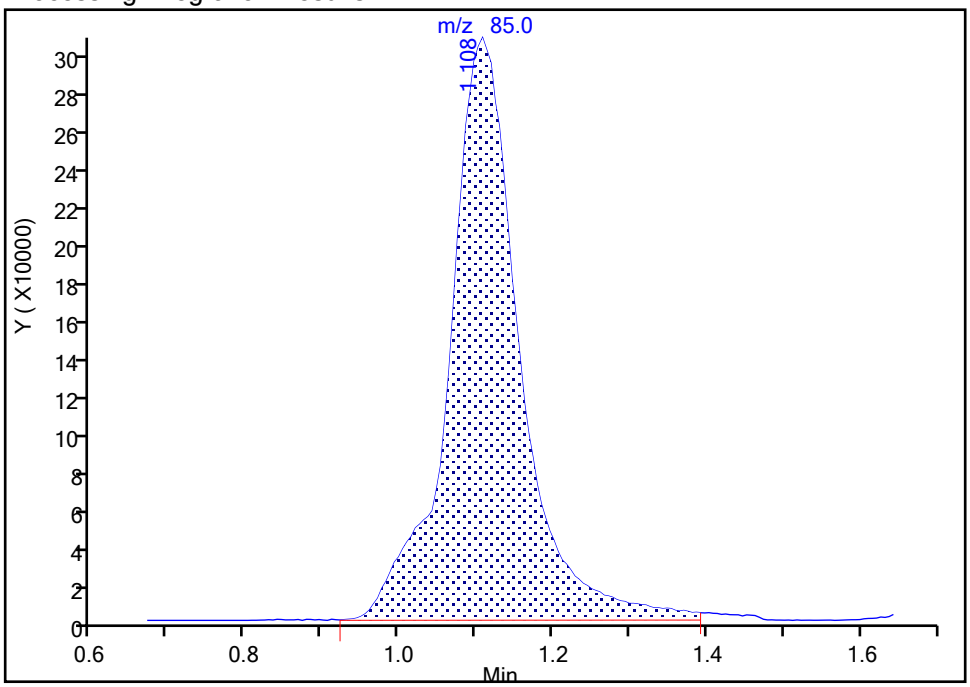
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

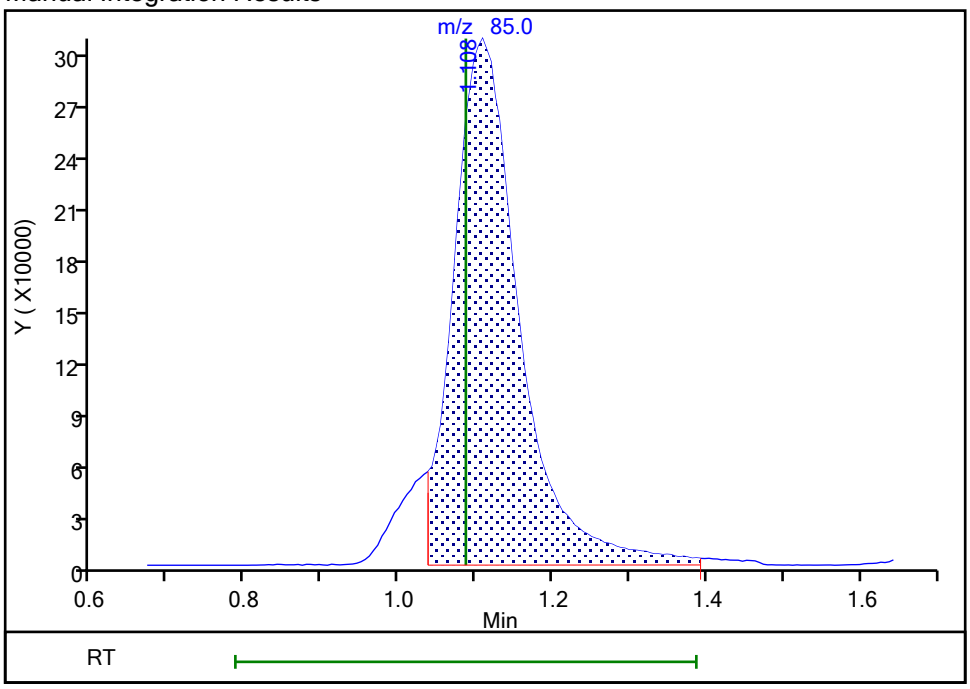
Processing Integration Results

RT: 1.11
Area: 1982575
Amount: 194.3631
Amount Units: ug/l



Manual Integration Results

RT: 1.11
Area: 1839122
Amount: 184.7730
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:36:06
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Eurofins TestAmerica, Edison

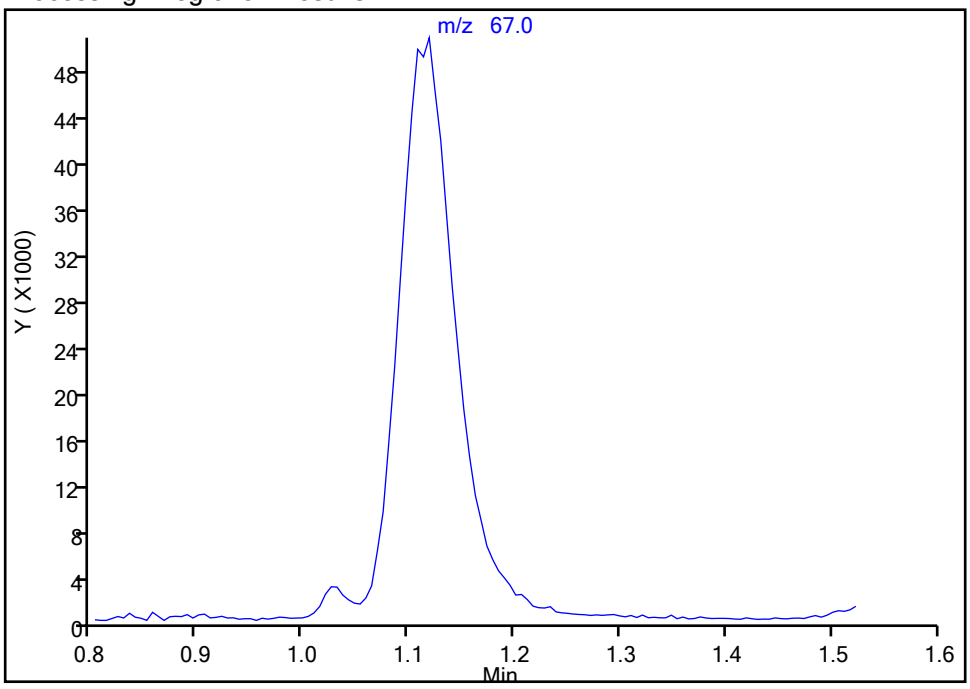
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

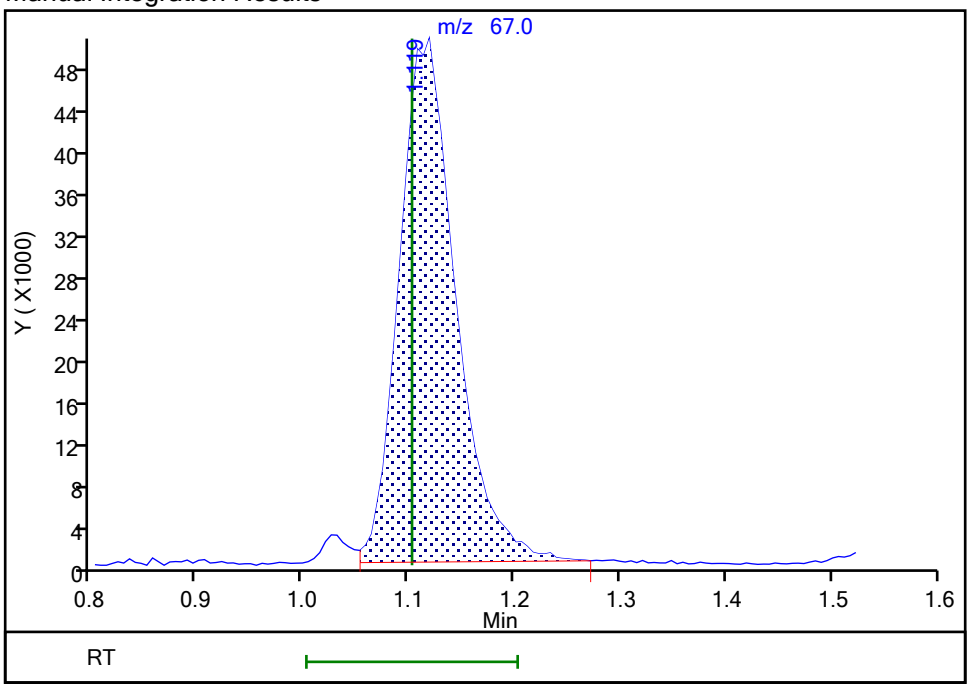
Not Detected
Expected RT: 1.10

Processing Integration Results



Manual Integration Results

RT: 1.12
Area: 188334
Amount: 177.1421
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:36:11
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

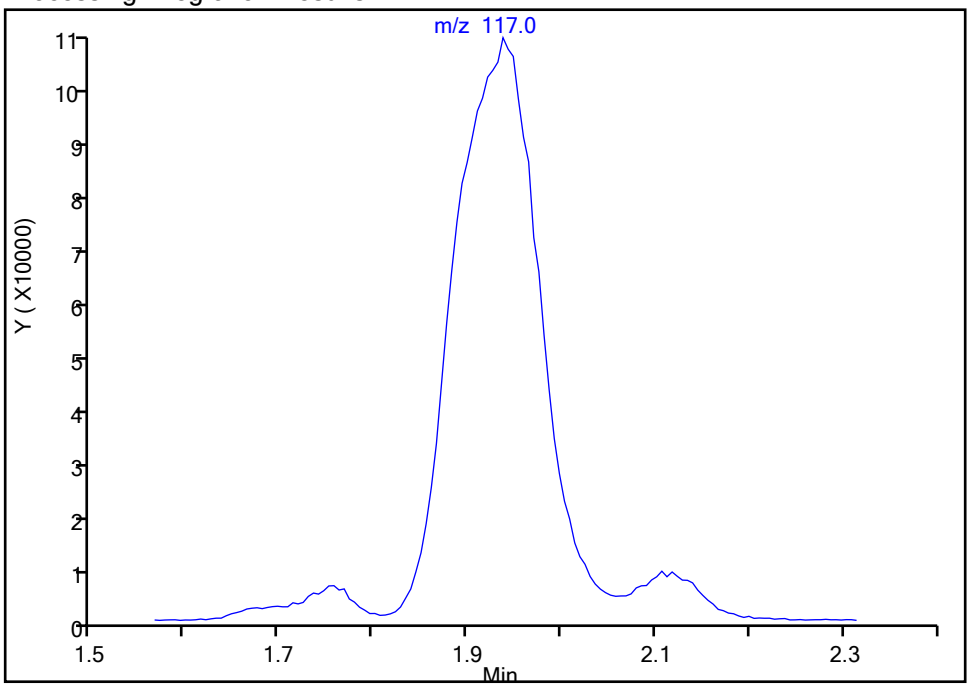
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

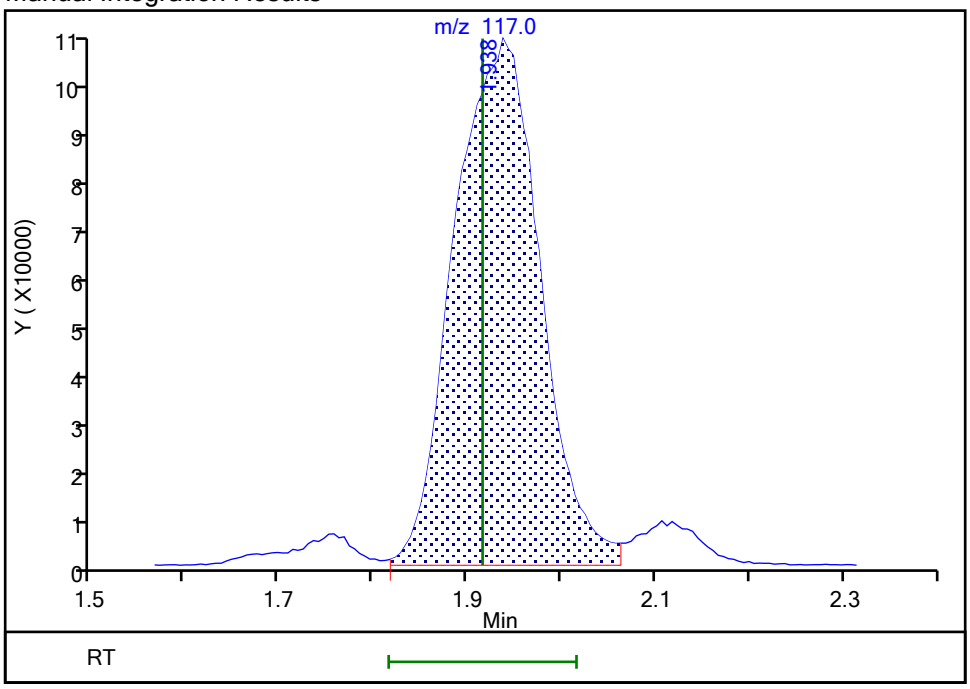
Not Detected
Expected RT: 1.92

Processing Integration Results



Manual Integration Results

RT: 1.94
Area: 667892
Amount: 172.1940
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:36:34
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

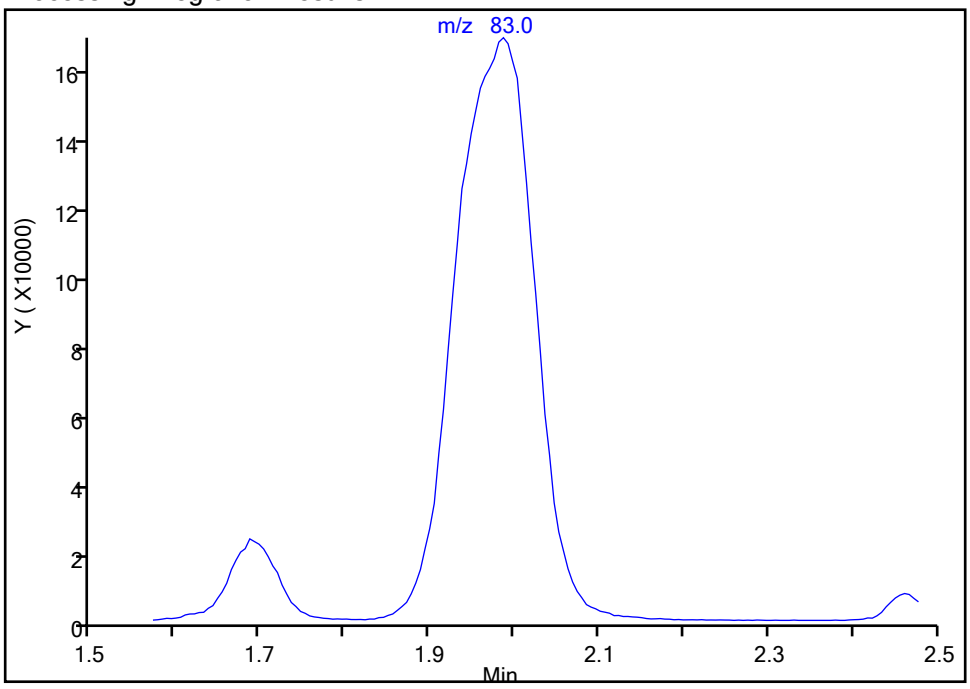
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

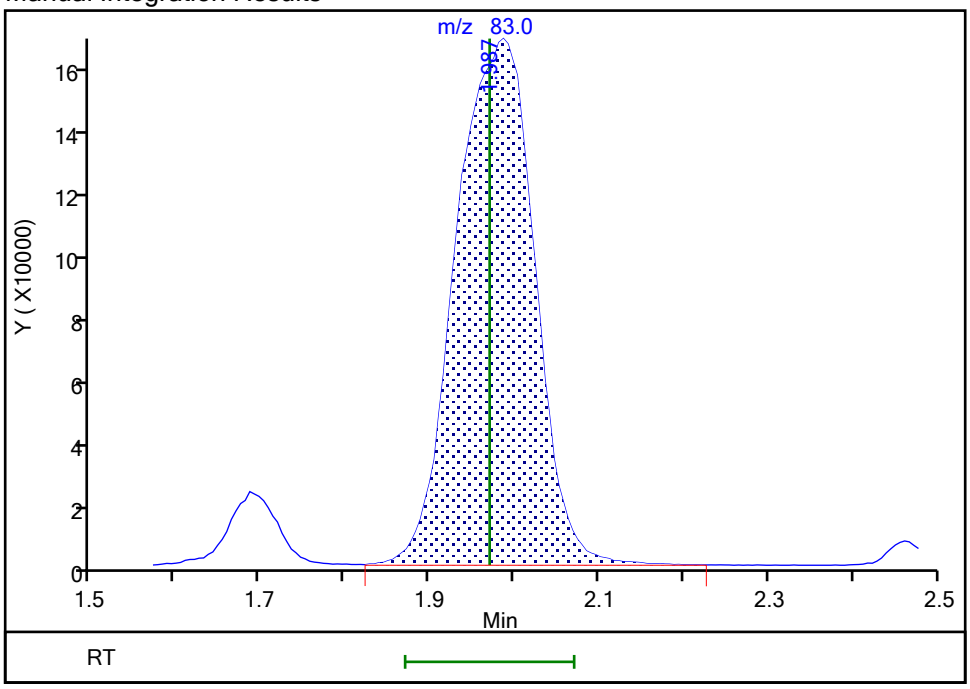
Not Detected
Expected RT: 1.97

Processing Integration Results



Manual Integration Results

RT: 1.99
Area: 1091215
Amount: 168.7159
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:36:39
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

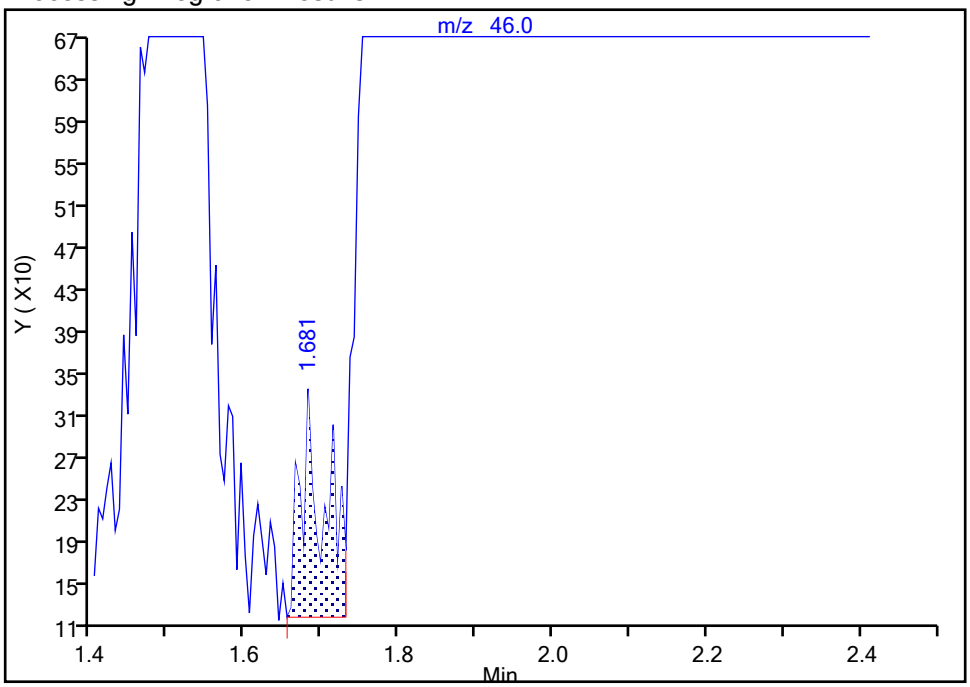
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

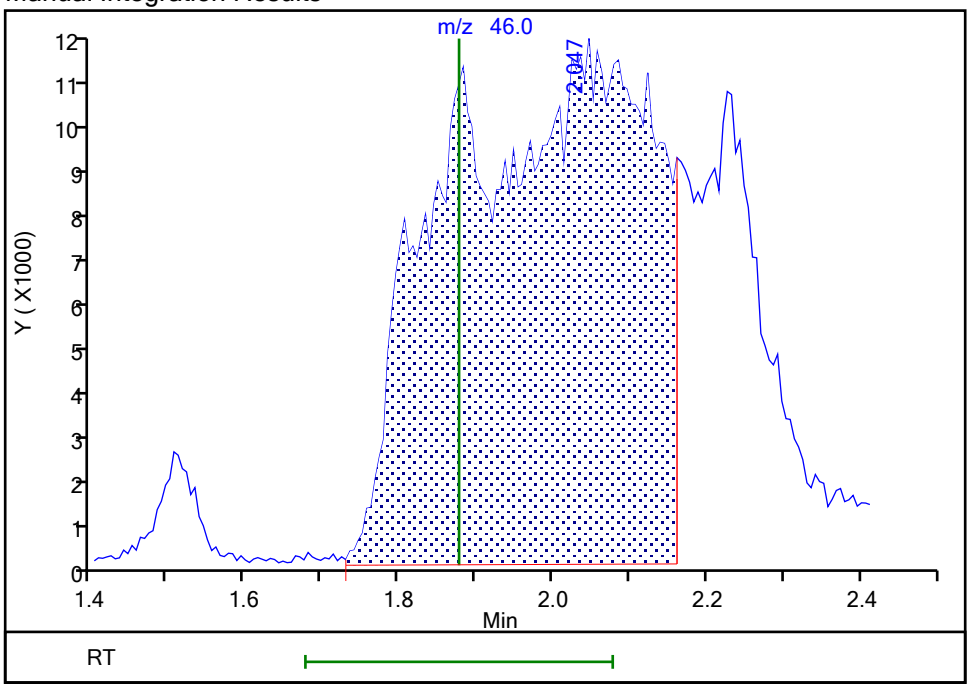
Processing Integration Results

RT: 1.68
Area: 457
Amount: 17.256741
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 203996
Amount: 8123.7570
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:36:27
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

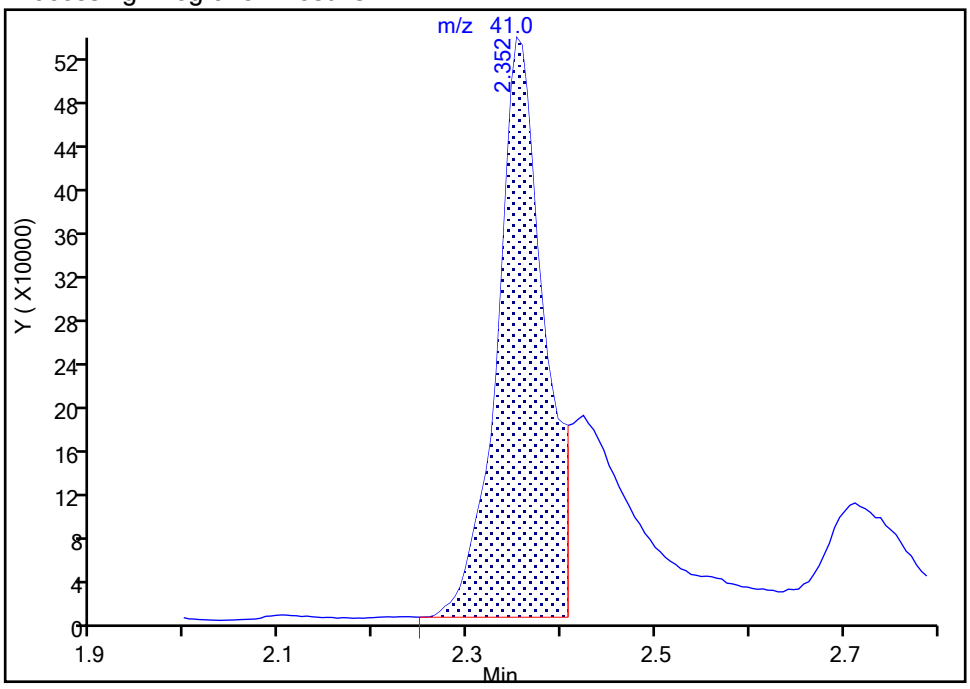
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

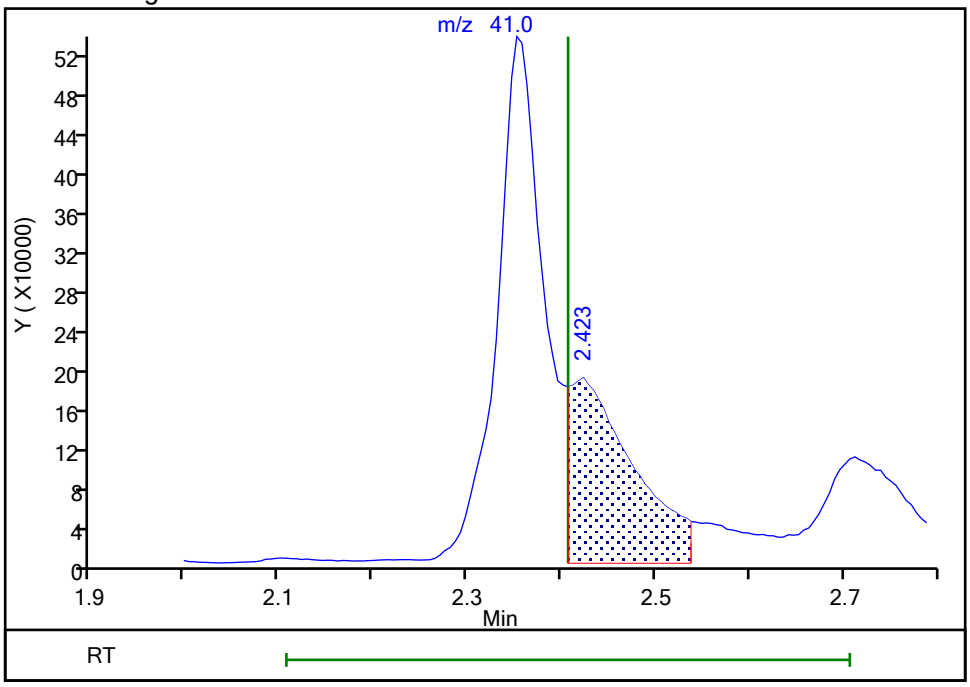
Processing Integration Results

RT: 2.35
Area: 1848727
Amount: 2000.3802
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 910090
Amount: 2020.8360
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:37:44
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

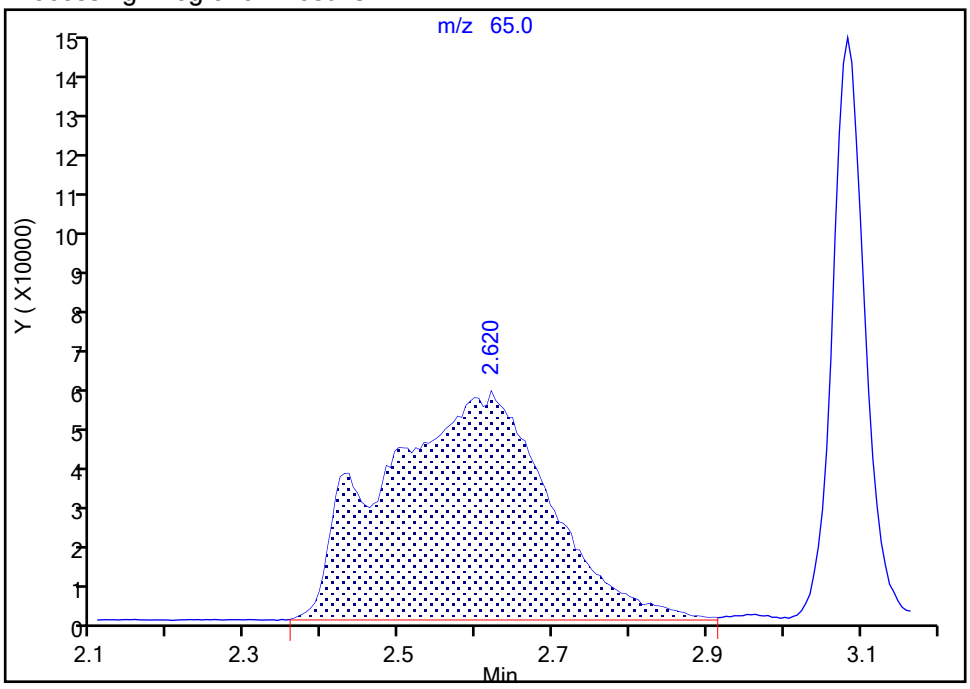
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

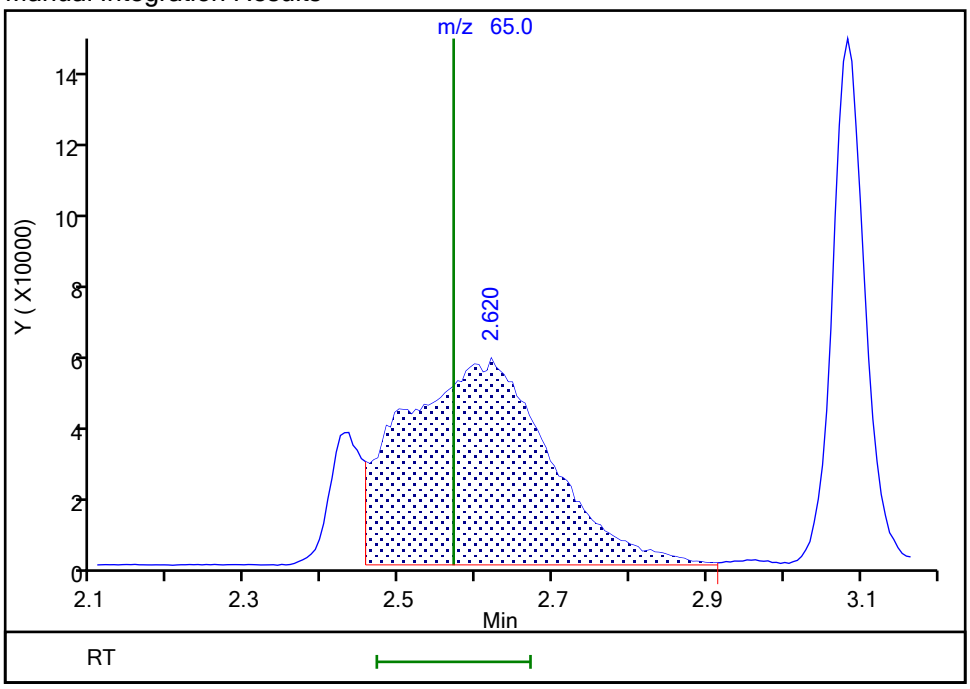
Processing Integration Results

RT: 2.62
Area: 863491
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.62
Area: 762297
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:35:44
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Eurofins TestAmerica, Edison

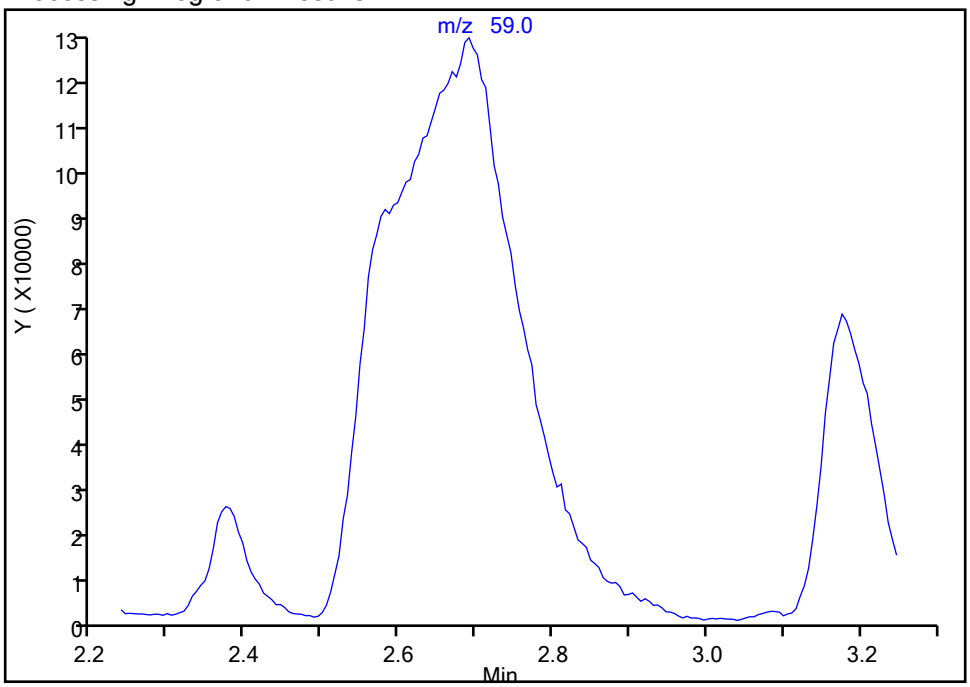
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

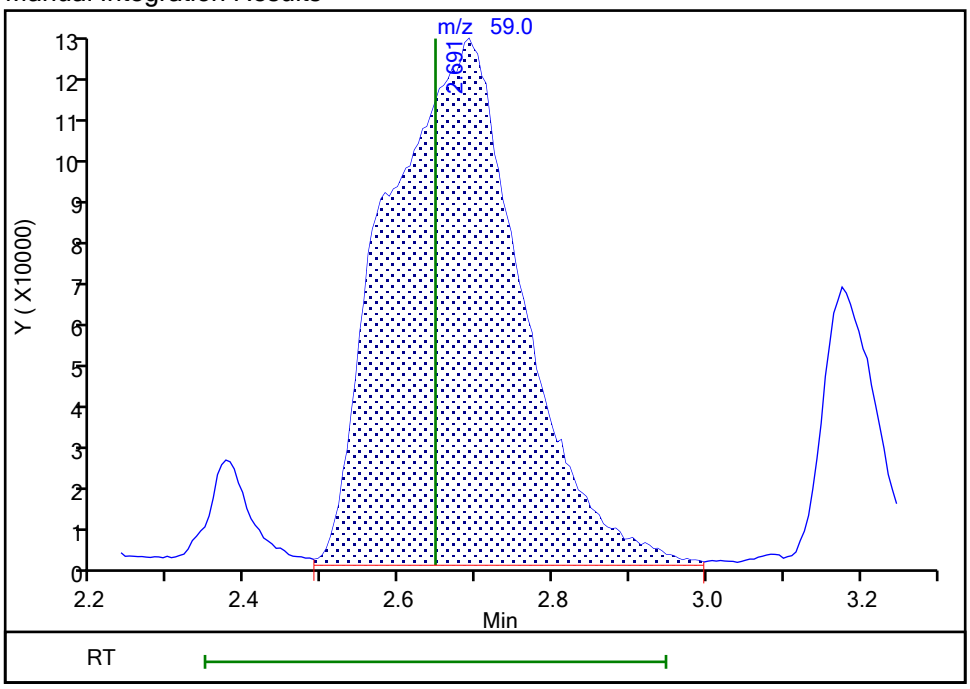
Not Detected
Expected RT: 2.65

Processing Integration Results



Manual Integration Results

RT: 2.69
Area: 1519934
Amount: 1931.4058
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:37:50
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

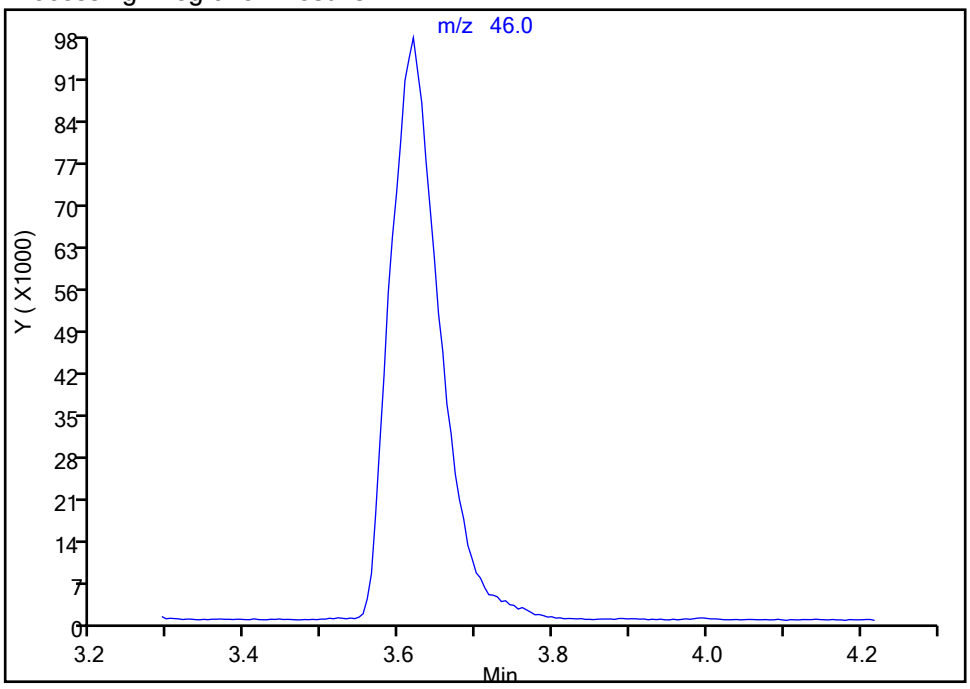
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

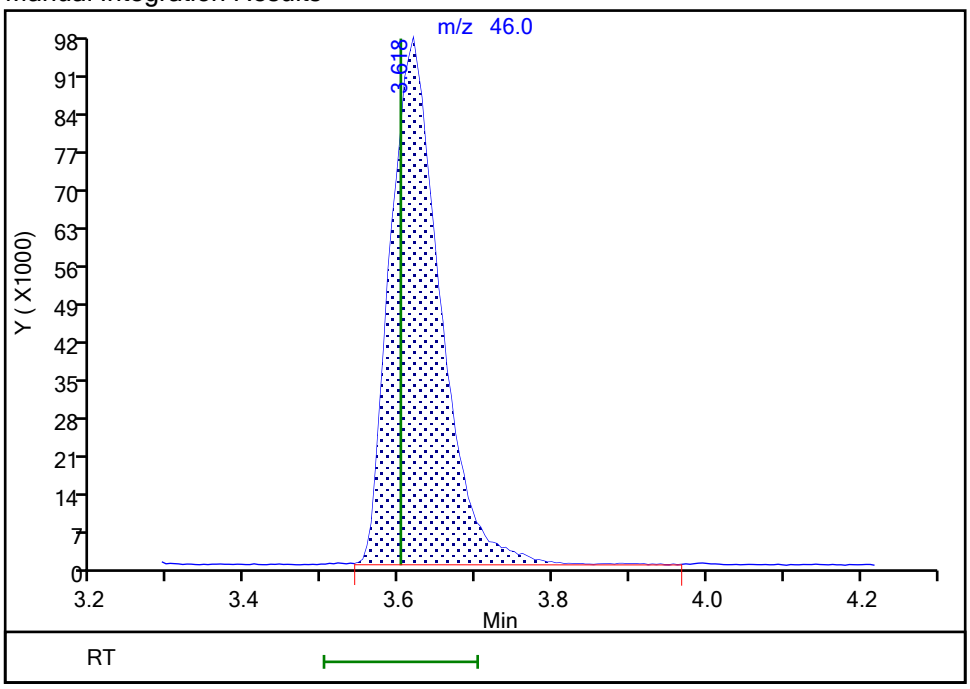
Not Detected
Expected RT: 3.60

Processing Integration Results



Manual Integration Results

RT: 3.62
Area: 440932
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:35:38
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Eurofins TestAmerica, Edison

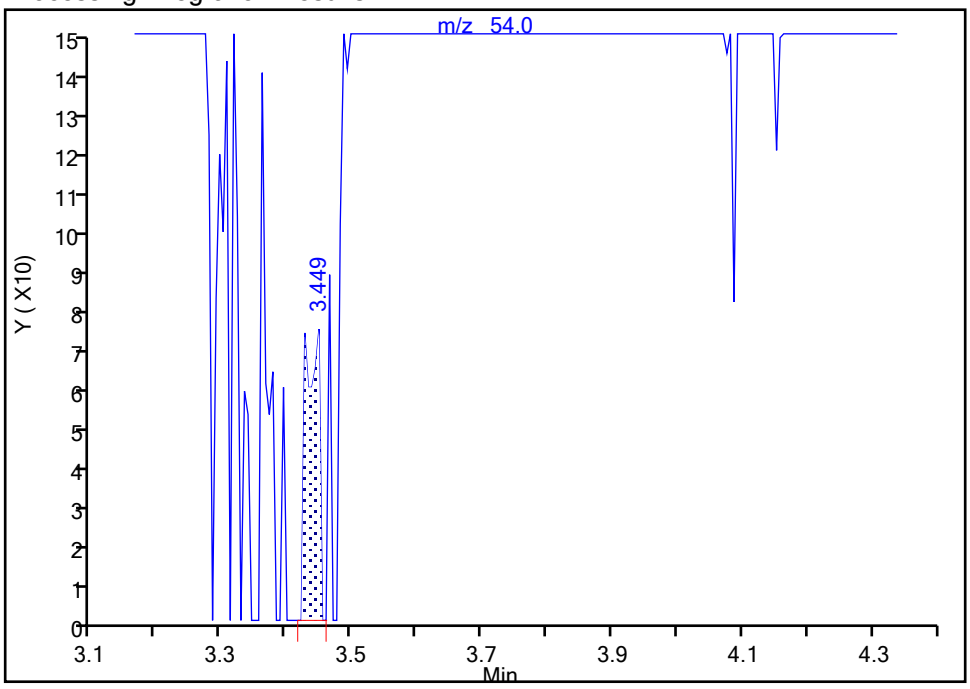
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

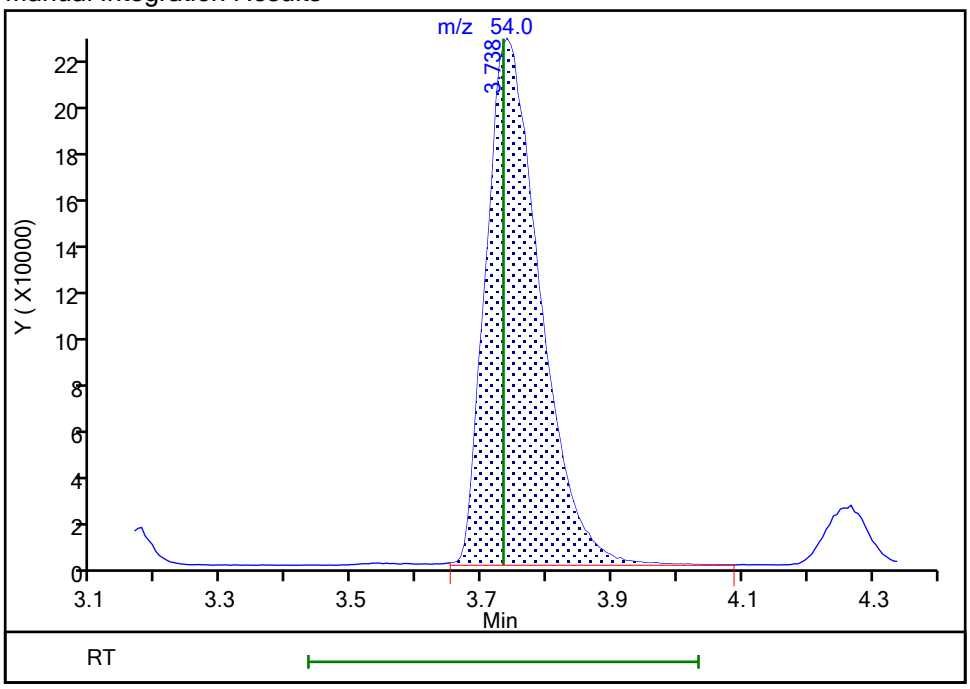
Processing Integration Results

RT: 3.45
Area: 109
Amount: 0.194873
Amount Units: ug/l



Manual Integration Results

RT: 3.74
Area: 1285544
Amount: 1819.2652
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:38:00
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

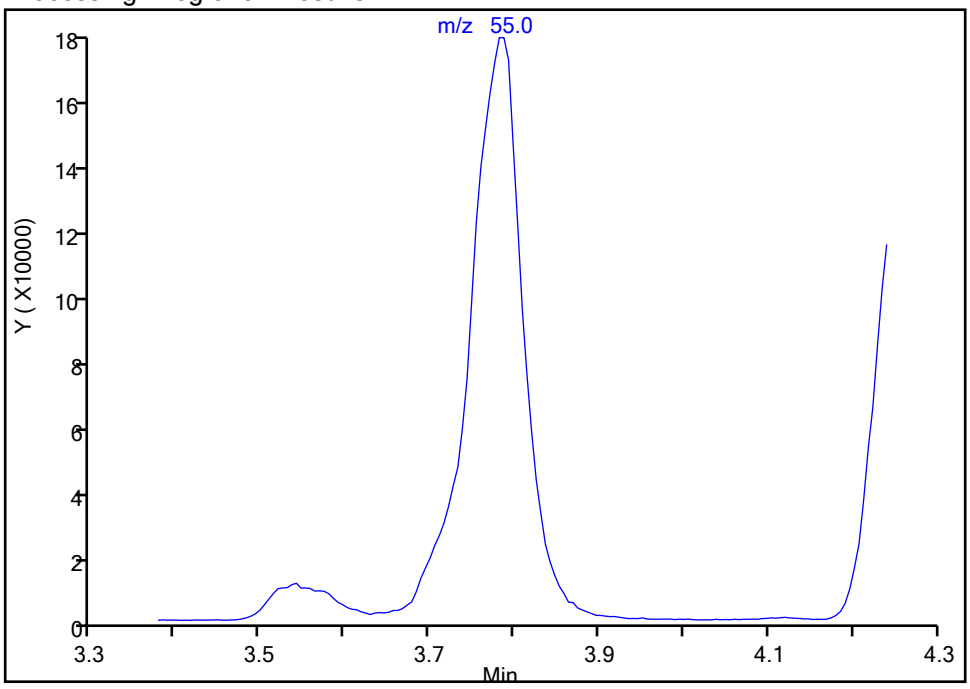
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

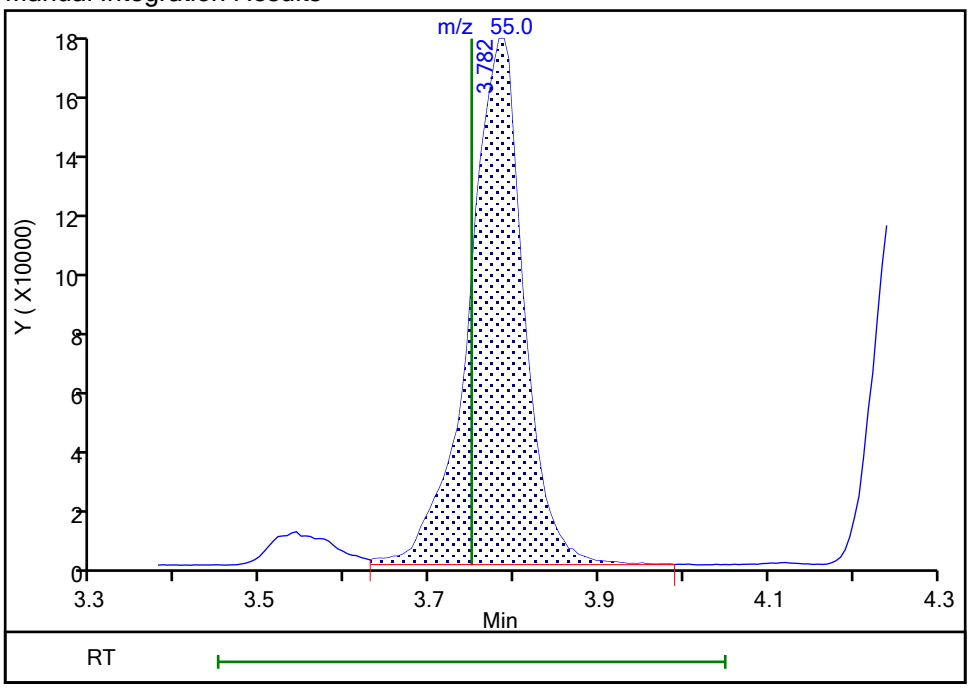
Not Detected
Expected RT: 3.75

Processing Integration Results



Manual Integration Results

RT: 3.78
Area: 809787
Amount: 188.8256
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:38:06
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

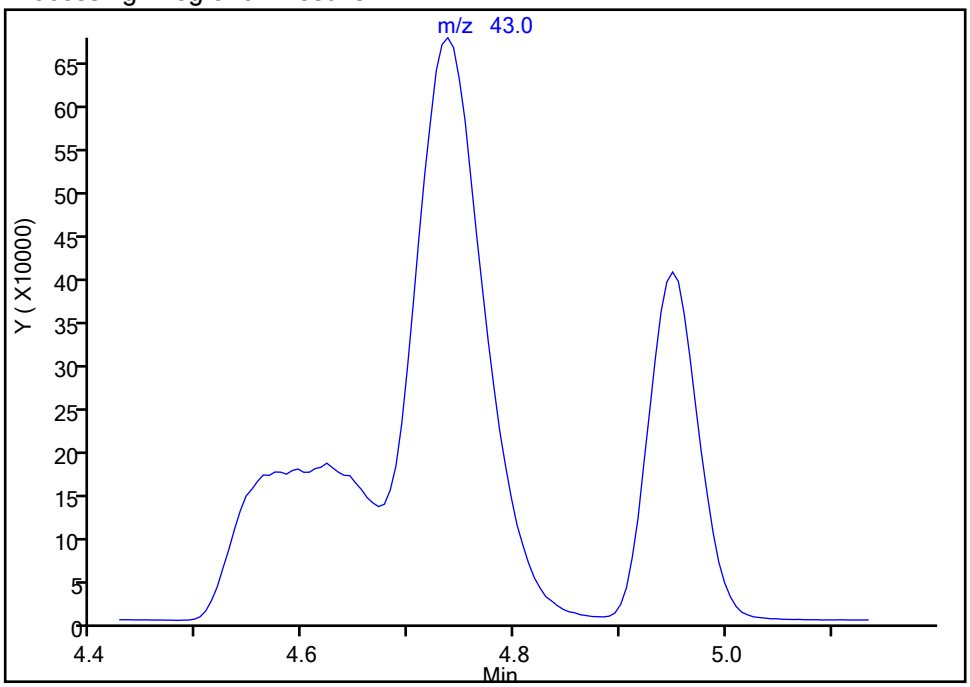
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

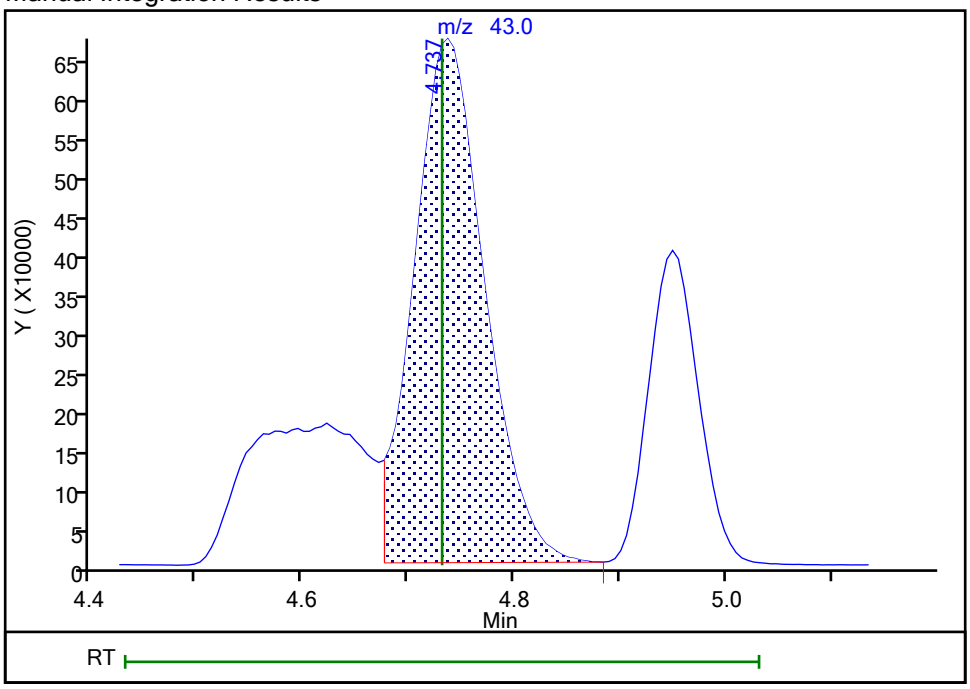
Not Detected
Expected RT: 4.73

Processing Integration Results



Manual Integration Results

RT: 4.74
Area: 3148334
Amount: 185.6857
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:38:15
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

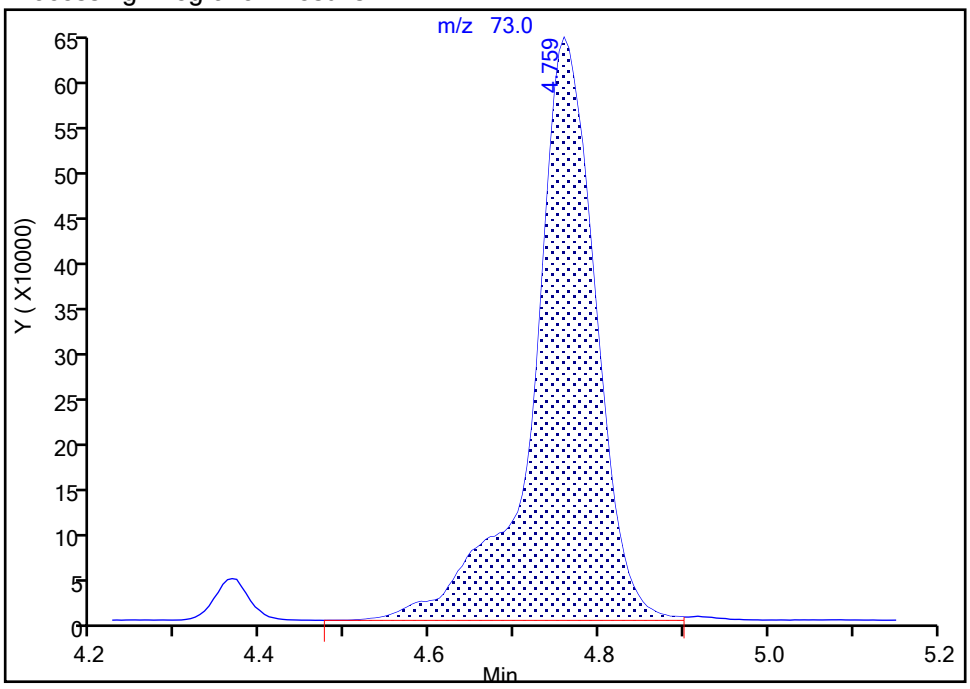
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

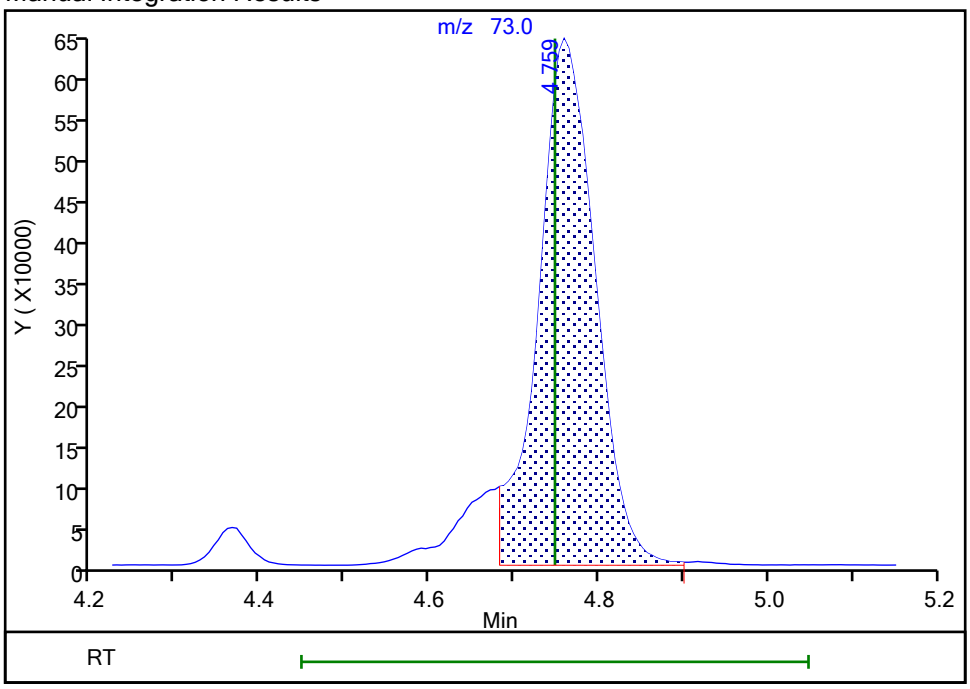
Processing Integration Results

RT: 4.76
Area: 3362176
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 4.76
Area: 3027449
Amount: 203.8261
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:35:33
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

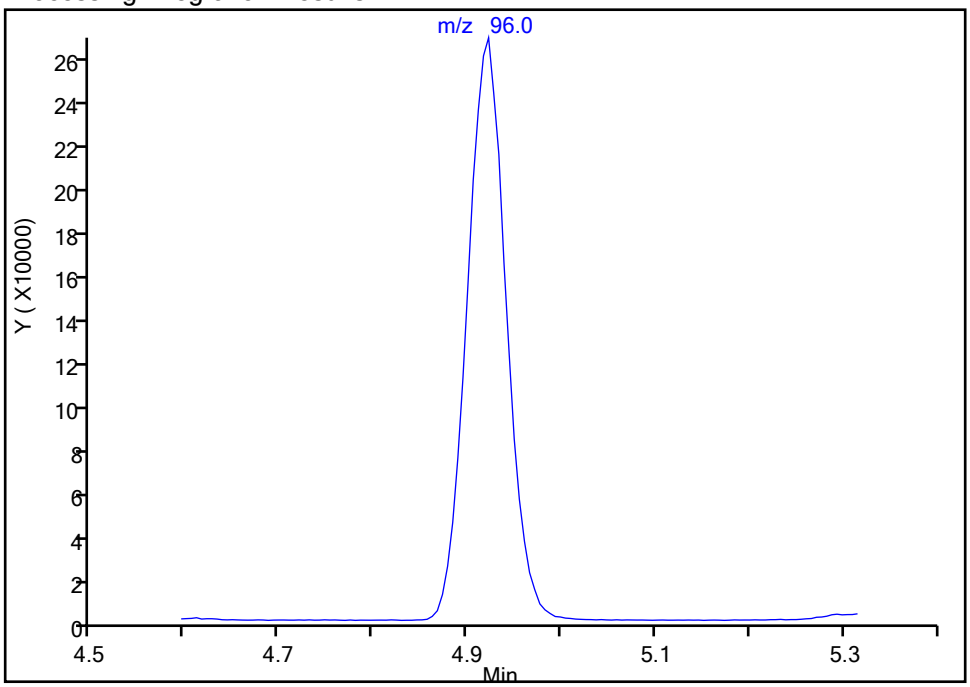
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 66 Fluorobenzene, CAS: 462-06-6

Signal: 1

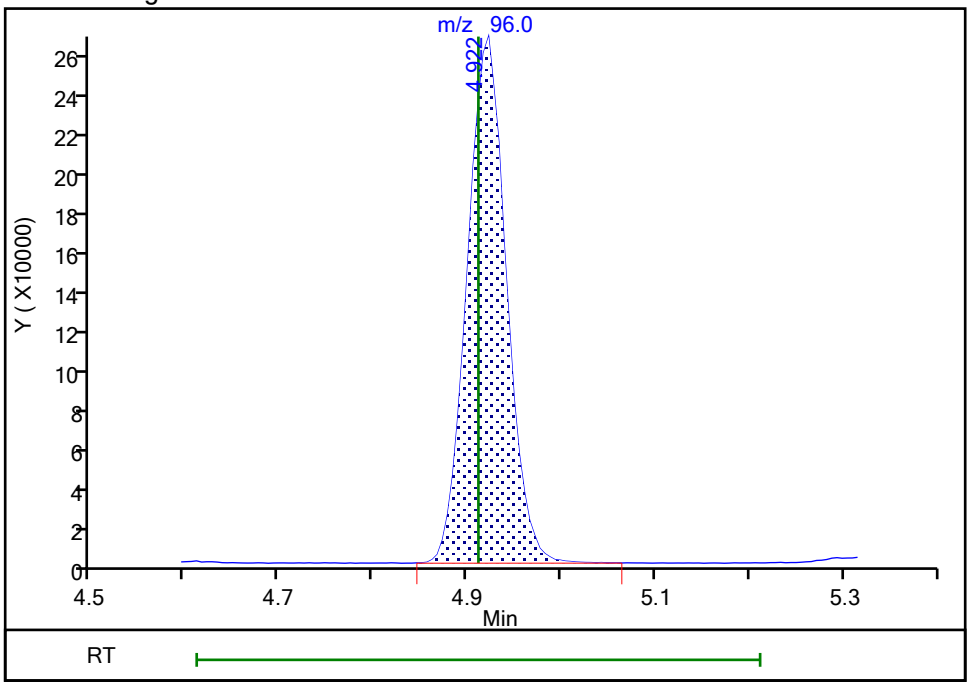
Not Detected
Expected RT: 4.91

Processing Integration Results



Manual Integration Results

RT: 4.92
Area: 756933
Amount: 50.000000
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:35:50
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

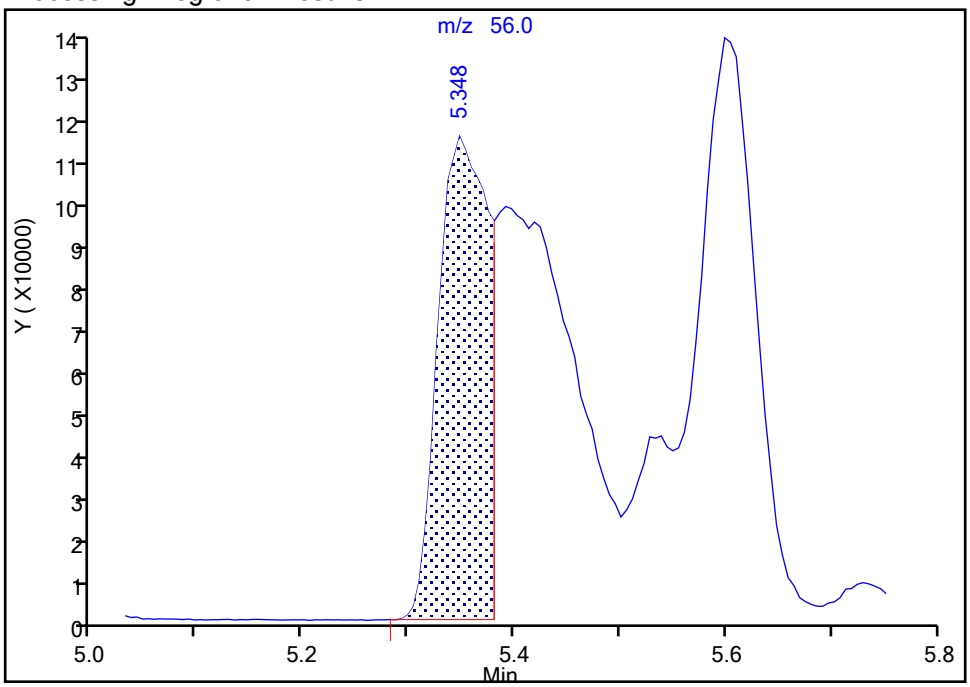
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

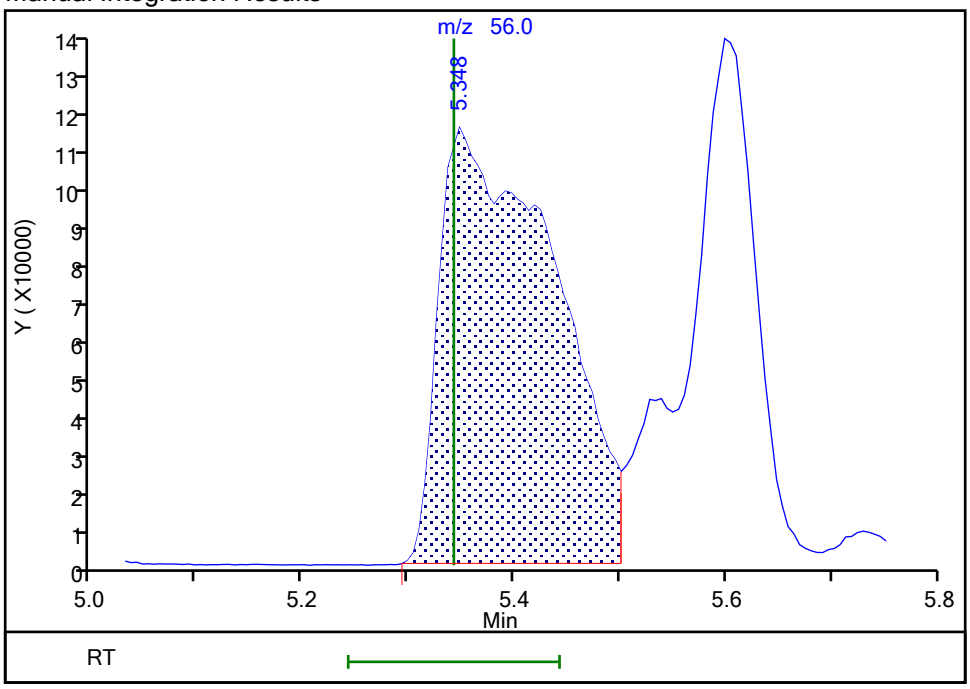
Processing Integration Results

RT: 5.35
Area: 360563
Amount: 4056.7627
Amount Units: ug/l



Manual Integration Results

RT: 5.35
Area: 824004
Amount: 5351.4875
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:38:34
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

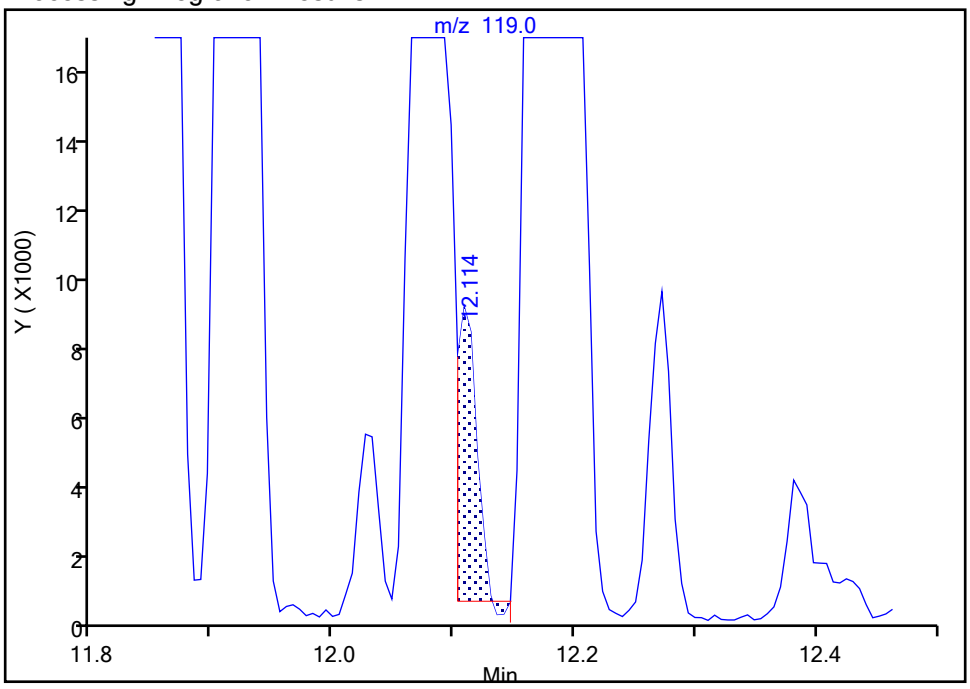
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24323.D
Injection Date: 01-Apr-2021 13:24:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

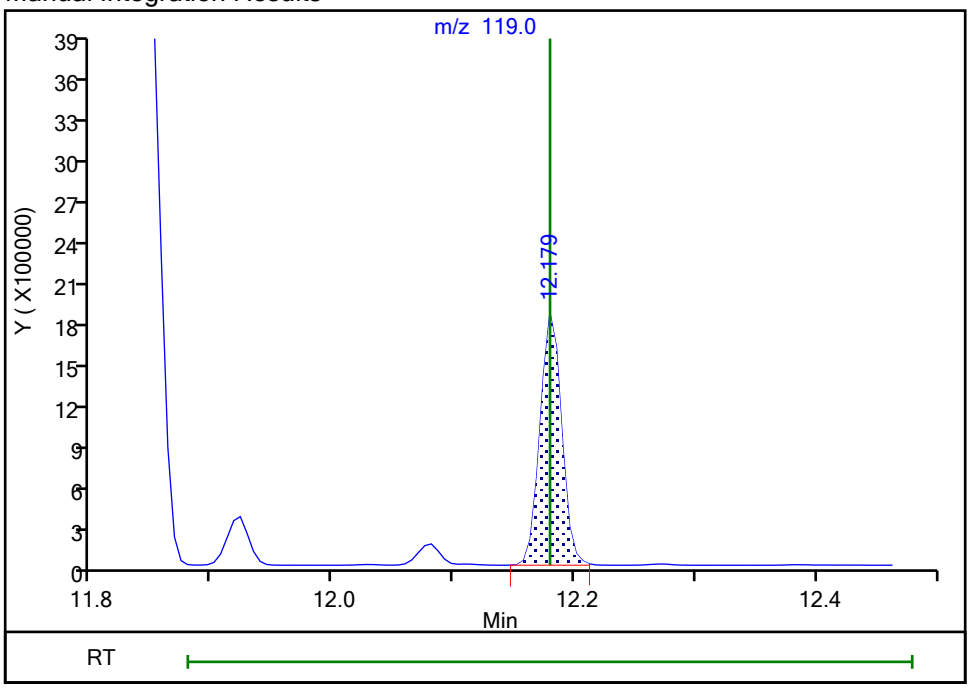
Processing Integration Results

RT: 12.11
Area: 8928
Amount: 1.228300
Amount Units: ug/l



Manual Integration Results

RT: 12.18
Area: 2249019
Amount: 203.3568
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:38:55
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 01-Apr-2021 13:48:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0126371-008
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub46

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 10:14:20 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1617

First Level Reviewer: baronm Date: 01-Apr-2021 16:17:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.005	0.999	0.006	70	314742	NC	NC	a
2 Chlorotrifluoroethene	116	1.059	1.070	-0.011	93	1464064	500.0	493.3	
3 1,1-Difluoroethane	65	1.070	1.070	0.000	97	1597731	NC	NC	
4 Dichlorodifluoromethane	85	1.087	1.087	0.000	96	5000060	500.0	474.0	M
5 Chlorodifluoromethane	67	1.098	1.103	-0.005	95	584506	500.0	520.7	a
6 Chloromethane	50	1.223	1.228	-0.005	98	5877489	500.0	438.6	
7 Butadiene	54	1.267	1.267	0.000	92	3201232	500.0	461.6	
8 Vinyl chloride	62	1.289	1.294	-0.005	98	4485446	500.0	445.8	
9 Bromomethane	94	1.496	1.496	0.000	99	2748697	500.0	438.5	
10 Chloroethane	64	1.523	1.518	0.005	100	1927484	500.0	451.5	
11 Dichlorofluoromethane	67	1.676	1.676	0.000	98	4944269	500.0	434.4	
13 Pentane	72	1.714	1.719	-0.005	97	677498	1000.0	1135.3	
12 Trichlorofluoromethane	101	1.736	1.741	-0.005	98	4123863	500.0	470.6	
15 Ethyl ether	59	1.867	1.872	-0.005	96	1419486	500.0	472.1	
14 Ethanol	46	1.872	1.878	-0.006	92	331515	20000	19960	M
16 2-Methyl-1,3-butadiene	53	1.889	1.894	-0.005	94	1687778	500.0	506.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.921	1.916	0.005	86	2071357	500.0	503.9	a
19 Acrolein	56	1.965	1.965	0.000	95	312873	600.0	683.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.976	1.970	0.006	94	3407049	500.0	497.1	a
21 1,1-Dichloroethene	96	2.052	2.052	0.000	98	1943222	500.0	471.1	
22 Acetone	43	2.085	2.090	-0.005	87	3943892	2500.0	2385.6	
20 112TCTFE	101	2.102	2.107	-0.005	98	2481316	500.0	468.9	
23 Iodomethane	142	2.194	2.178	0.016	97	4277465	500.0	474.1	
24 Isopropyl alcohol	45	2.211	2.221	-0.010	96	1621141	5000.0	4975.9	
25 Carbon disulfide	76	2.276	2.227	0.049	99	8425330	500.0	488.1	M
26 3-Chloro-1-propene	39	2.342	2.347	-0.005	92	2075498	500.0	447.5	
27 Methyl acetate	43	2.358	2.363	-0.005	99	2949525	1000.0	1151.0	
29 Acetonitrile	41	2.407	2.407	0.000	38	1856153	5000.0	4656.7	Ma
28 Cyclopentene	67	2.413	2.418	-0.005	97	4670972	500.0	459.3	
31 Methylene Chloride	84	2.445	2.451	-0.006	93	2328016	500.0	450.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.604	2.571	0.033	93	674690	1000.0	1000.0	Ma
32 2-Methyl-2-propanol	59	2.680	2.647	0.033	99	3291636	5000.0	4725.9	a
35 Acrylonitrile	53	2.658	2.663	-0.005	95	7561536	5000.0	4710.2	
34 trans-1,2-Dichloroethene	96	2.685	2.691	-0.006	96	1869074	500.0	430.6	
33 Methyl tert-butyl ether	73	2.702	2.707	-0.005	98	6703616	500.0	476.7	
36 Hexane	43	2.947	2.953	-0.006	93	1823868	500.0	478.3	
38 1,1-Dichloroethane	63	3.073	3.073	0.000	100	3429624	500.0	465.9	
39 Vinyl acetate	86	3.133	3.138	-0.005	100	700469	1000.0	1176.8	
40 2-Chloro-1,3-butadiene	88	3.160	3.165	-0.005	90	1778567	500.0	481.8	
37 Isopropyl ether	45	3.166	3.165	0.001	87	7244633	500.0	483.7	
41 Tert-butyl ethyl ether	87	3.526	3.520	0.006	89	2961616	500.0	510.3	
* 42 2-Butanone-d5	46	3.608	3.602	0.006	87	494767	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.646	3.651	-0.005	97	2147725	500.0	449.6	
46 2-Butanone (MEK)	72	3.668	3.656	0.012	100	1368462	2500.0	2415.3	
43 2,2-Dichloropropane	79	3.678	3.662	0.016	95	1163207	500.0	464.1	
48 Propionitrile	54	3.728	3.733	-0.005	95	3541884	5000.0	5663.2	a
45 Ethyl acetate	70	3.749	3.738	0.011	100	403746	1000.0	950.9	
47 Methyl acrylate	55	3.777	3.749	0.028	99	2280289	500.0	501.7	a
51 Methacrylonitrile	67	3.891	3.880	0.011	91	8107524	5000.0	5063.4	
50 Chlorobromomethane	128	3.897	3.891	0.006	51	1143212	500.0	454.1	
49 Tetrahydrofuran	72	3.940	3.951	-0.011	95	602693	1000.0	933.6	
52 Chloroform	83	3.989	3.989	0.000	99	3310143	500.0	460.0	
$ 55 Dibromofluoromethane (Surr)	113	4.159	4.158	0.001	98	269437	50.0	48.3	
54 1,1,1-Trichloroethane	97	4.191	4.180	0.011	98	3622433	500.0	488.4	
53 Cyclohexane	84	4.257	4.257	0.000	91	3979431	500.0	506.1	
57 1,1-Dichloropropene	75	4.355	4.355	0.000	98	2621013	500.0	488.0	
56 Carbon tetrachloride	117	4.371	4.366	0.005	99	3045643	500.0	512.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.519	4.519	0.000	0	263583	50.0	49.7	
58 Isobutyl alcohol	74	4.584	4.579	0.005	95	757403	12500	13958	
60 Benzene	78	4.584	4.584	0.000	96	8022601	500.0	450.7	
64 1,2-Dichloroethane	62	4.606	4.600	0.006	97	2397942	500.0	475.7	
59 Isooctane	57	4.726	4.710	0.016	96	10551270	500.0	574.3	
62 Isopropyl acetate	61	4.732	4.731	0.001	90	792019	500.0	479.5	a
63 Tert-amyl methyl ether	73	4.759	4.748	0.011	97	7924108	500.0	503.4	M
* 66 Fluorobenzene	96	4.917	4.911	0.006	99	802194	50.0	50.0	a
65 n-Heptane	43	4.944	4.933	0.011	92	3438035	500.0	512.8	
68 n-Butanol	56	5.348	5.342	0.006	91	1883250	12500	13819	
69 Trichloroethene	95	5.354	5.348	0.006	97	2019822	500.0	500.5	
70 Ethyl acrylate	55	5.539	5.528	0.011	97	2285626	500.0	545.5	
71 Methylcyclohexane	83	5.605	5.593	0.012	94	4816990	500.0	531.6	
72 1,2-Dichloropropane	63	5.626	5.615	0.011	93	2197825	500.0	491.3	
* 73 1,4-Dioxane-d8	96	5.752	5.746	0.006	30	46015	1000.0	1000.0	
77 Dibromomethane	93	5.763	5.763	0.000	94	1276473	500.0	492.4	
75 1,4-Dioxane	88	5.812	5.812	0.000	88	413201	10000	8093.8	
74 Methyl methacrylate	69	5.834	5.823	0.011	93	2703822	1000.0	1085.7	
76 n-Propyl acetate	43	5.926	5.921	0.005	98	2631654	500.0	517.3	
78 Dichlorobromomethane	83	5.992	5.986	0.006	99	2667273	500.0	520.4	
79 2-Nitropropane	41	6.298	6.281	0.017	98	831430	1000.0	1315.7	
67 2-Chloroethyl vinyl ether	63	6.434	6.423	0.011	95	1250762	501.2	555.0	
80 Epichlorohydrin	57	6.483	6.472	0.011	99	4636329	10000	10147	
81 cis-1,3-Dichloropropene	75	6.592	6.587	0.005	91	3400278	500.0	507.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.849	6.838	0.011	96	10889261	2500.0	2383.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.952	6.947	0.005	99	1136368	50.0	49.6	
84 Toluene	91	7.045	7.034	0.011	93	8833388	500.0	468.8	
85 trans-1,3-Dichloropropene	75	7.389	7.378	0.011	96	2954015	500.0	507.3	
86 Ethyl methacrylate	69	7.585	7.580	0.005	90	2634926	500.0	517.7	
87 1,1,2-Trichloroethane	83	7.634	7.629	0.005	94	1488774	500.0	485.0	
88 Tetrachloroethene	166	7.820	7.814	0.006	97	2386138	500.0	476.0	
89 1,3-Dichloropropane	76	7.869	7.863	0.006	93	2984399	500.0	487.1	
90 2-Hexanone	43	8.060	8.054	0.006	95	6974033	2500.0	2505.5	
92 Chlorodibromomethane	129	8.191	8.180	0.011	98	2189943	500.0	536.0	
91 n-Butyl acetate	43	8.300	8.300	0.000	99	2982169	500.0	494.5	
93 Ethylene Dibromide	107	8.322	8.316	0.006	98	1856096	500.0	493.8	
* 94 Chlorobenzene-d5	117	9.058	9.053	0.005	83	730737	50.0	50.0	
95 Chlorobenzene	112	9.102	9.096	0.006	96	6041143	500.0	489.3	
97 1,1,1,2-Tetrachloroethane	131	9.260	9.255	0.005	96	2753894	500.0	499.1	
96 Ethylbenzene	106	9.320	9.315	0.005	98	3376356	500.0	491.8	
98 m-Xylene & p-Xylene	106	9.517	9.511	0.006	0	4158127	500.0	489.0	
100 o-Xylene	106	10.073	10.068	0.005	95	4557380	500.0	506.7	
101 Styrene	104	10.095	10.090	0.005	95	6874140	500.0	517.1	
99 n-Butyl acrylate	73	10.128	10.128	0.000	98	1654916	500.0	530.7	
103 Bromoform	173	10.286	10.281	0.006	99	1687936	500.0	565.6	
102 Amyl acetate (mixed isomers)	43	10.433	10.428	0.005	91	3666530	500.0	502.7	
104 Isopropylbenzene	105	10.548	10.542	0.006	96	12533703	500.0	506.5	
$ 105 4-Bromofluorobenzene	174	10.695	10.695	0.000	97	406180	50.0	50.6	
106 Bromobenzene	156	10.832	10.826	0.006	95	2890814	500.0	465.3	
107 1,1,2,2-Tetrachloroethane	83	10.897	10.892	0.005	99	2995214	500.0	479.9	
109 1,2,3-Trichloropropane	110	10.919	10.913	0.006	99	789181	500.0	467.4	
110 trans-1,4-Dichloro-2-butene	53	10.957	10.952	0.005	95	687878	500.0	475.0	
108 N-Propylbenzene	91	11.006	11.001	0.005	99	13376477	500.0	475.2	e
111 2-Chlorotoluene	91	11.061	11.055	0.006	97	8226685	500.0	486.7	
112 4-Ethyltoluene	105	11.126	11.121	0.005	99	11283967	500.0	486.1	
114 4-Chlorotoluene	91	11.175	11.170	0.005	97	8844540	500.0	496.0	
113 1,3,5-Trimethylbenzene	105	11.197	11.192	0.005	93	11331403	500.0	511.1	
115 Butyl Methacrylate	87	11.339	11.339	0.000	90	3499351	500.0	557.4	
116 tert-Butylbenzene	119	11.508	11.497	0.011	95	9734238	500.0	551.9	
117 1,2,4-Trimethylbenzene	105	11.552	11.546	0.006	97	11247859	500.0	505.0	e
118 sec-Butylbenzene	105	11.705	11.705	0.000	98	13701030	500.0	482.1	e
120 1,3-Dichlorobenzene	146	11.781	11.776	0.005	97	5772046	500.0	485.4	
* 121 1,4-Dichlorobenzene-d4	152	11.841	11.836	0.005	93	485549	50.0	50.0	
119 4-Isopropyltoluene	119	11.852	11.846	0.006	96	12659410	500.0	495.5	e
122 1,4-Dichlorobenzene	146	11.863	11.857	0.006	96	5713608	500.0	473.6	
123 1,2,3-Trimethylbenzene	105	11.923	11.917	0.006	97	12261976	500.0	505.2	e
124 Benzyl chloride	91	11.988	11.983	0.005	99	5990681	500.0	561.6	
125 2,3-Dihydroindene	117	12.081	12.081	0.000	95	11219563	500.0	500.8	e
128 1,2-Dichlorobenzene	146	12.174	12.174	0.000	97	6102311	500.0	488.8	
126 p-Diethylbenzene	119	12.185	12.179	0.006	95	6889144	500.0	523.3	a
127 n-Butylbenzene	92	12.201	12.196	0.005	97	6932716	500.0	537.9	
129 1,2,4,5-Tetramethylbenzene	119	12.801	12.801	0.000	97	12405703	500.0	501.6	e
130 1,2-Dibromo-3-Chloropropane	157	12.807	12.807	0.000	90	994286	500.0	544.7	
131 1,3,5-Trichlorobenzene	180	12.982	12.976	0.006	98	6562519	500.0	545.9	
132 1,2,4-Trichlorobenzene	180	13.434	13.429	0.005	94	6436655	500.0	555.7	
133 Hexachlorobutadiene	225	13.571	13.565	0.006	97	3671780	500.0	613.7	
134 Naphthalene	128	13.598	13.598	0.000	97	12294665	500.0	477.6	e

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.778	13.773	0.005	96	6431084	500.0	532.1	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	880.2	
S 137 Xylenes, Total	100				0		1000.0	995.7	
S 139 Total BTEX	1				0		2500.0	2407.0	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

ACROLEIN W_00122	Amount Added:	6.00	Units: uL	
MIX 2 Hi_00109	Amount Added:	5.00	Units: uL	
MIX I Hi_00136	Amount Added:	5.00	Units: uL	
8FreonHi_00030	Amount Added:	5.00	Units: uL	
Ethanol mix_00050	Amount Added:	5.00	Units: uL	
GAS Hi_00385	Amount Added:	5.00	Units: uL	
8260SURR250_00216	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Apr-2021 10:14:28 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9 Operator ID:

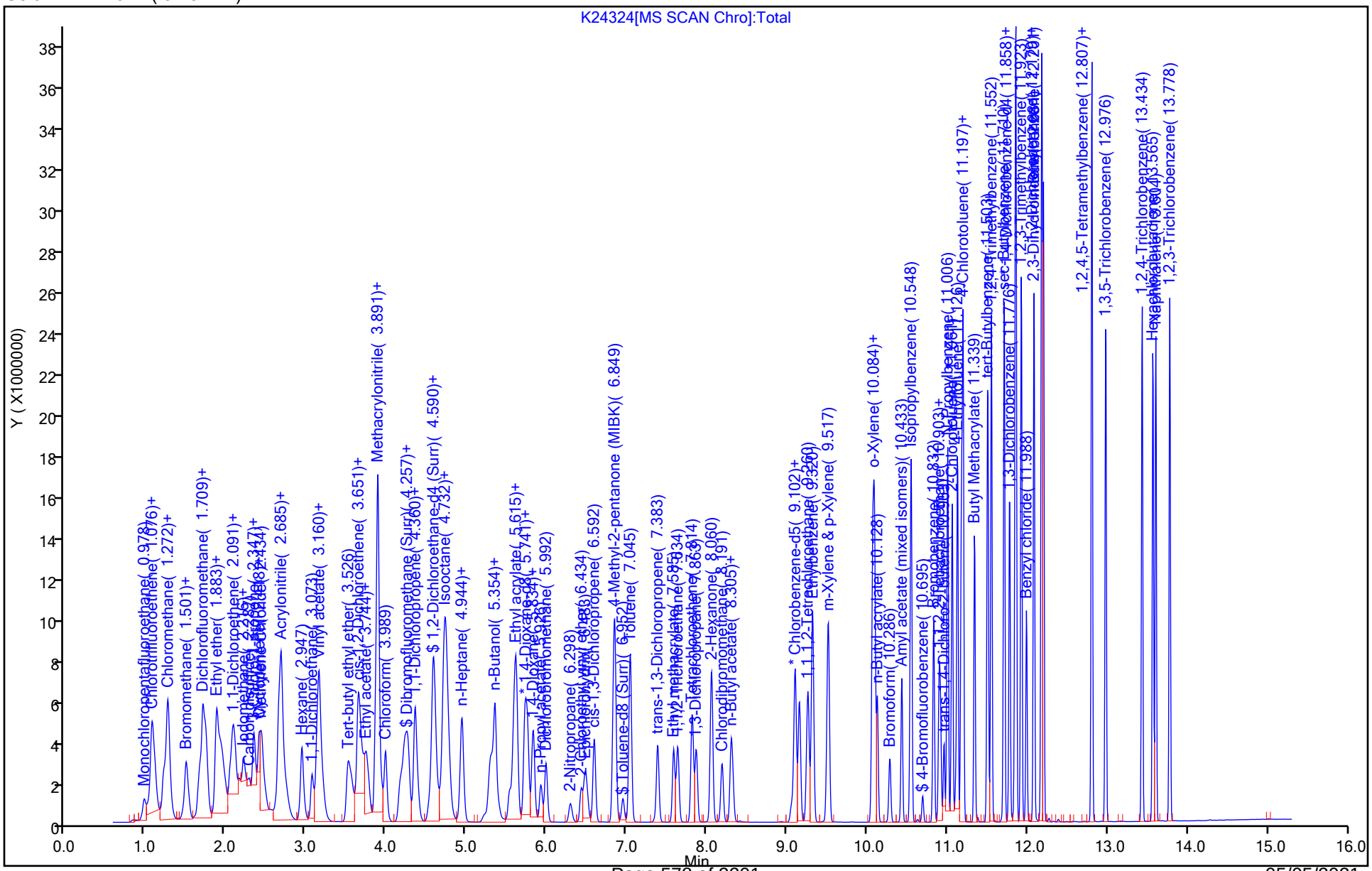
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

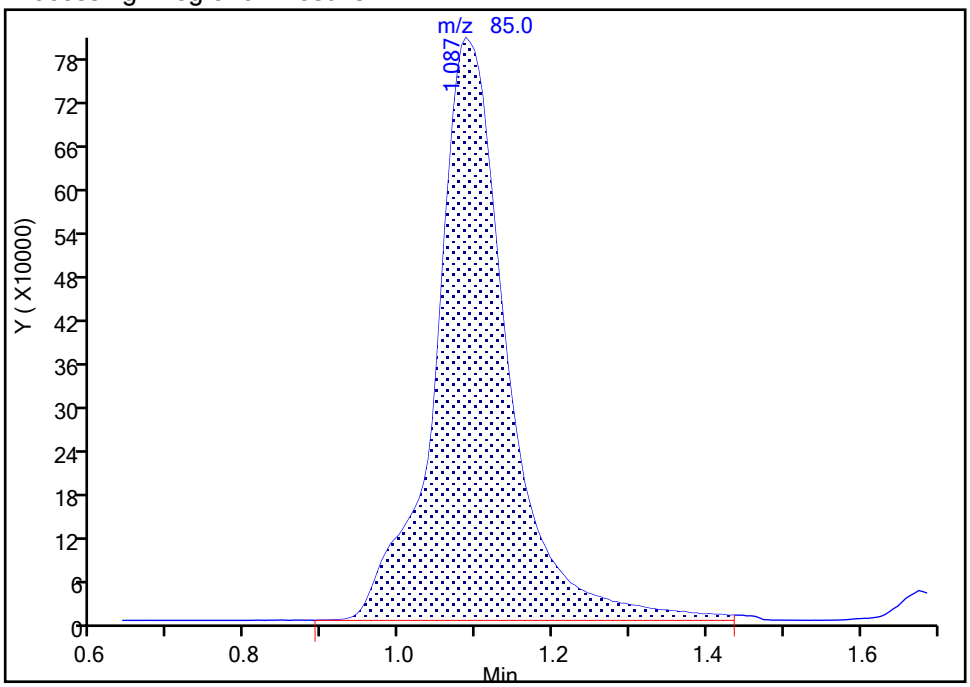
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

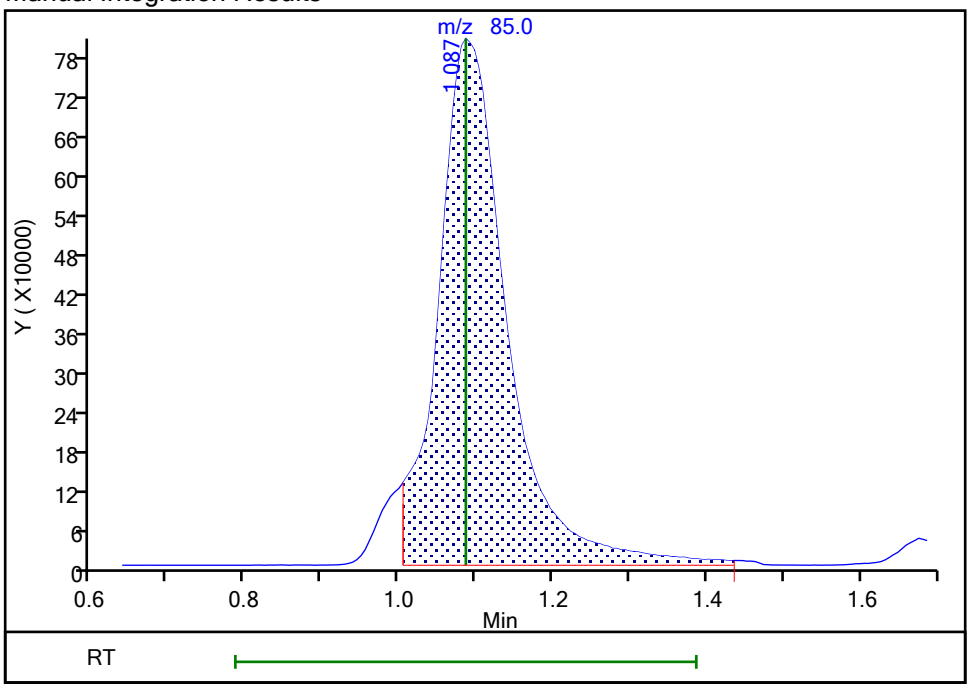
Processing Integration Results

RT: 1.09
Area: 5237865
Amount: 492.8435
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 5000060
Amount: 474.0032
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:40:47
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Eurofins TestAmerica, Edison

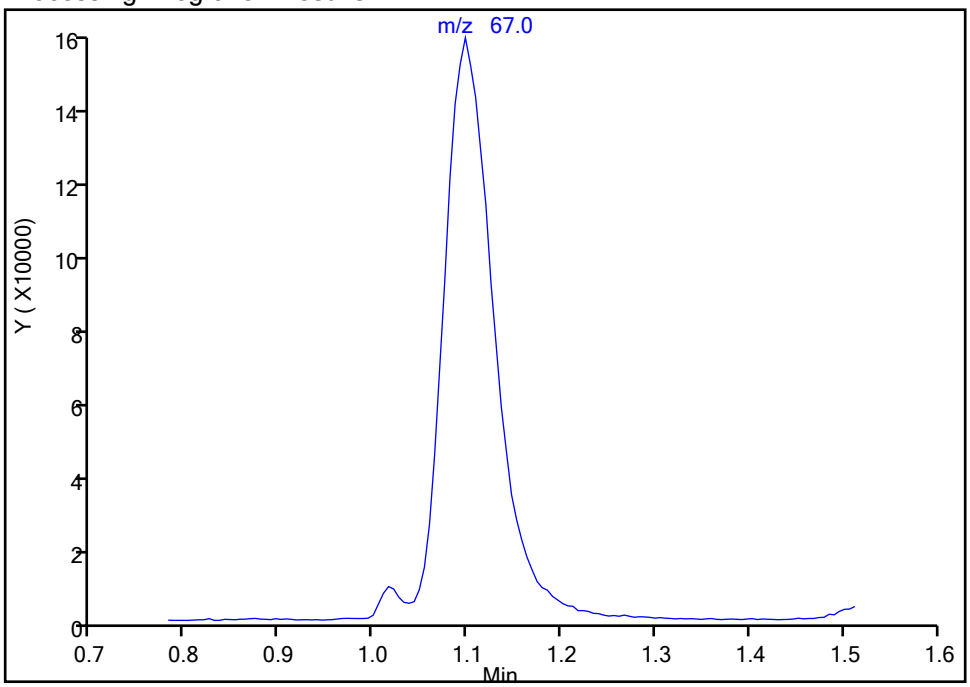
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

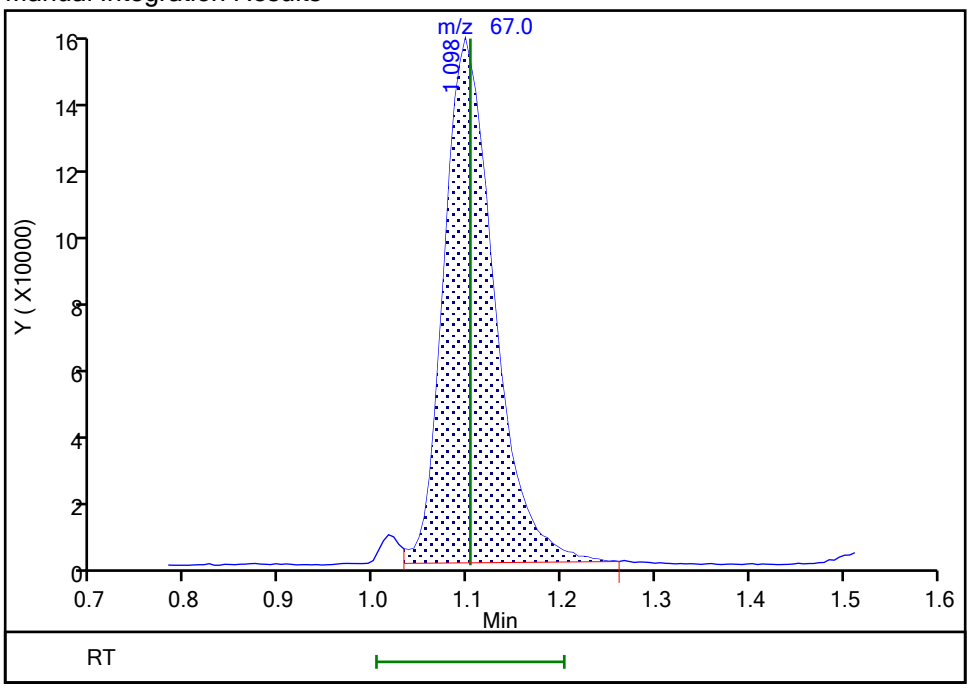
Not Detected
Expected RT: 1.10

Processing Integration Results



Manual Integration Results

RT: 1.10
Area: 584506
Amount: 520.6588
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:40:42
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

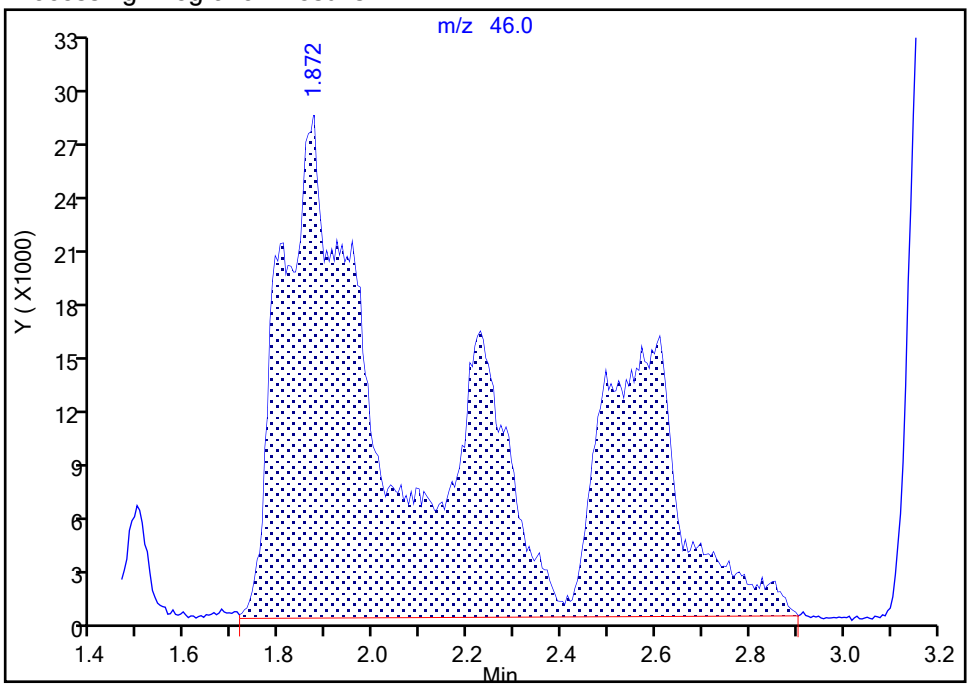
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

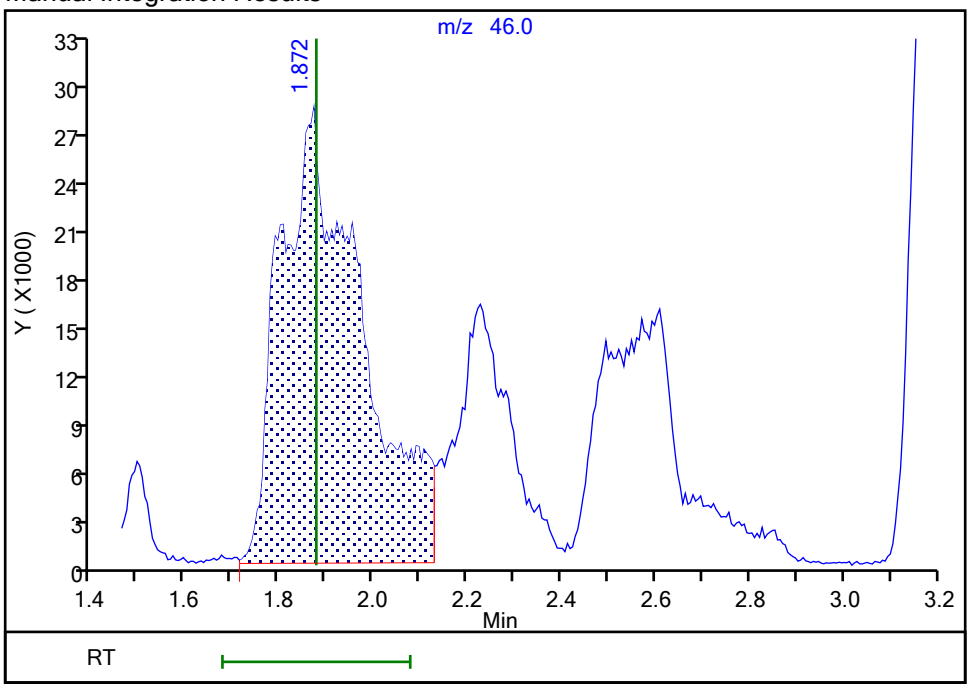
Processing Integration Results

RT: 1.87
Area: 637948
Amount: 20011
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 331515
Amount: 19960
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:41:01
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

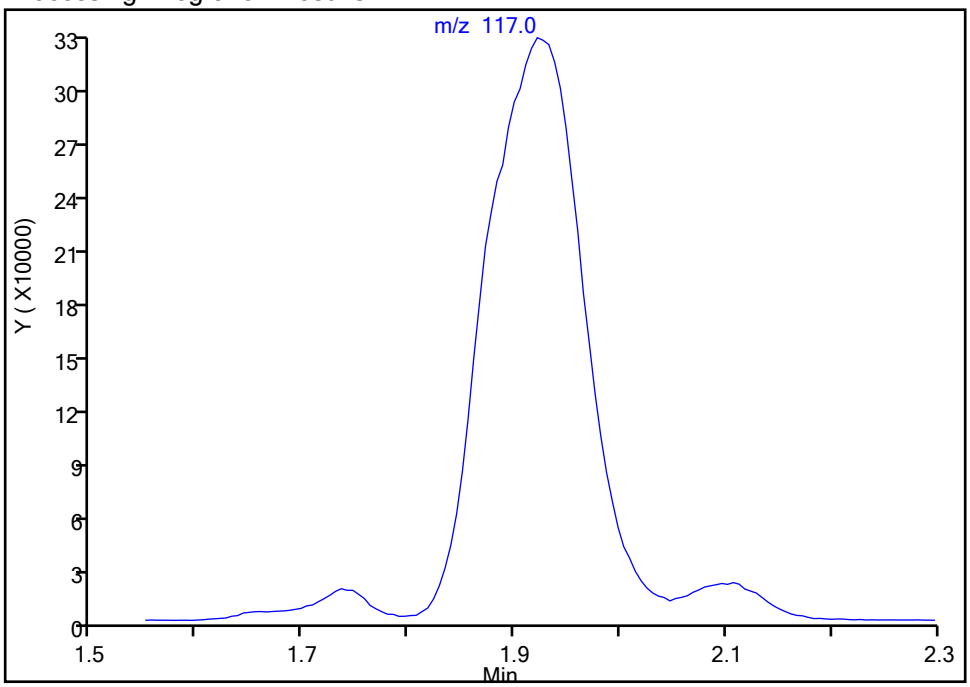
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

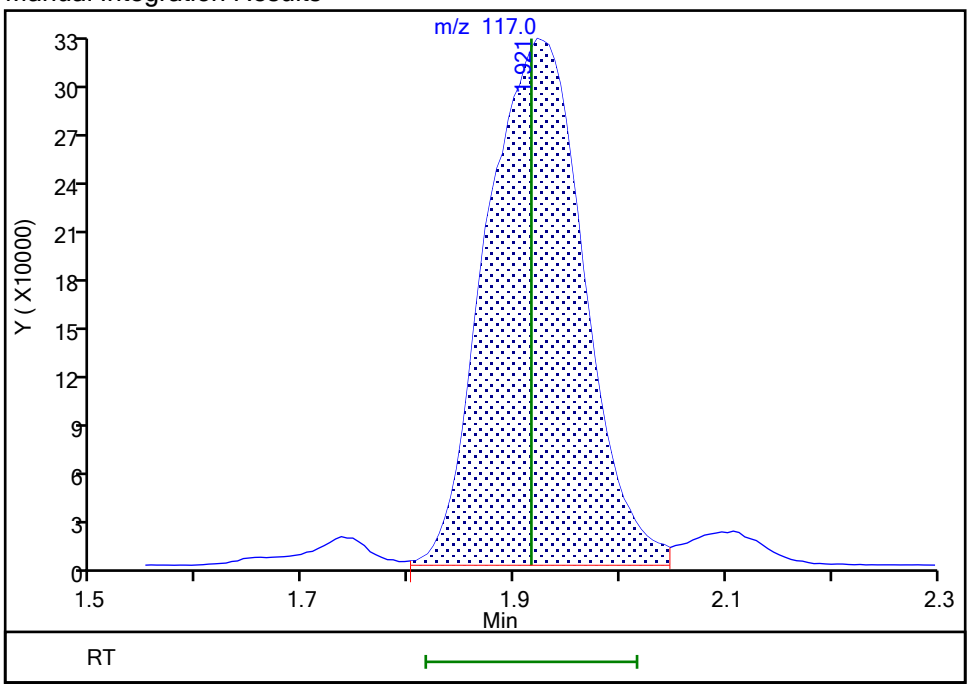
Not Detected
Expected RT: 1.92

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 2071357
Amount: 503.9005
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:41:08
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

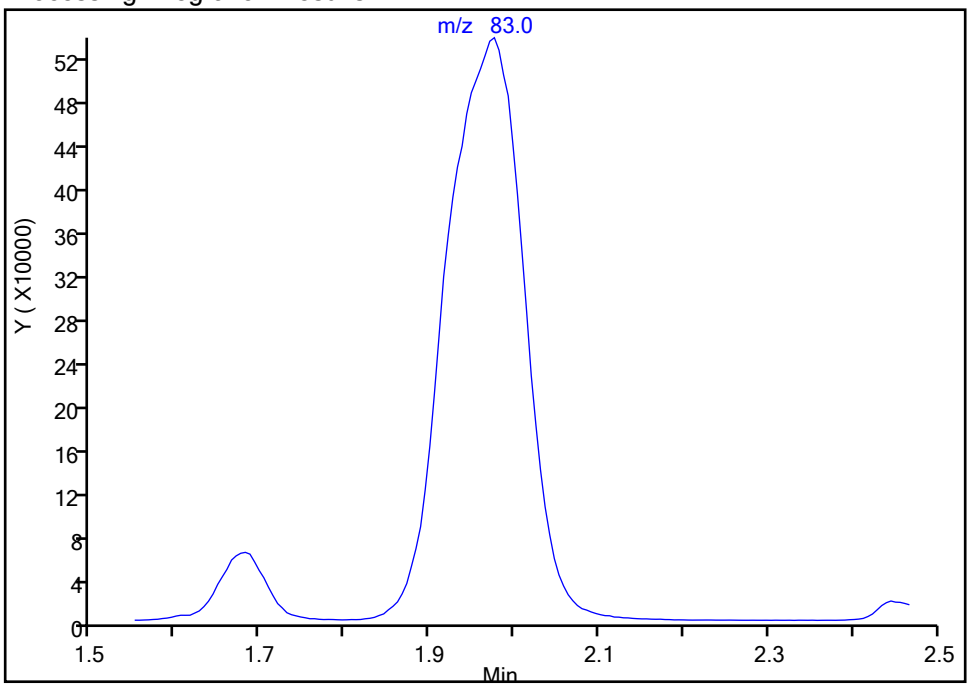
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

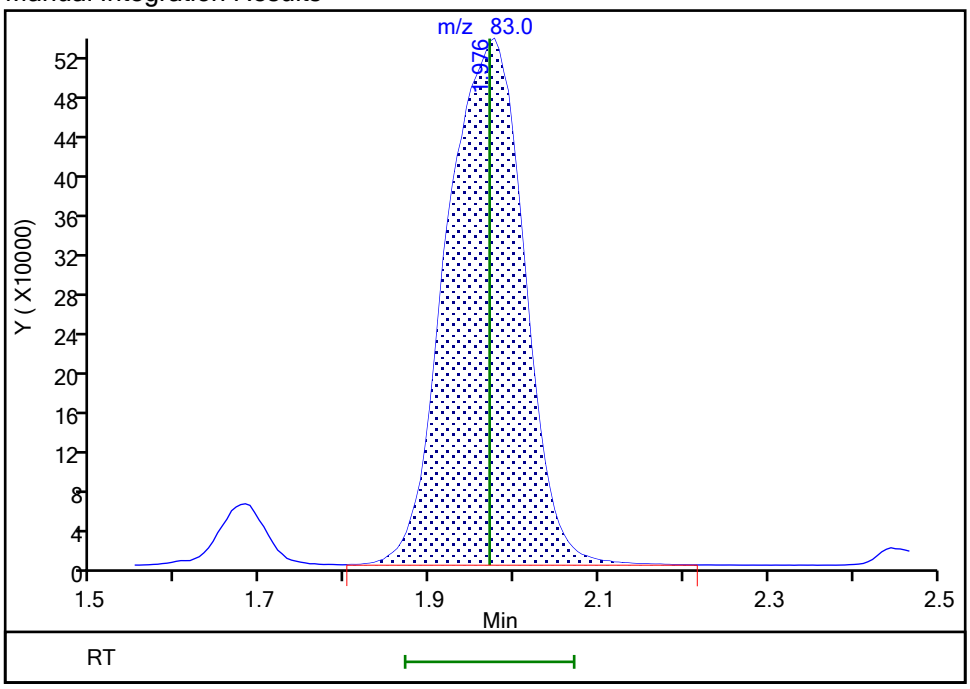
Not Detected
Expected RT: 1.97

Processing Integration Results



Manual Integration Results

RT: 1.98
Area: 3407049
Amount: 497.0523
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:41:13
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

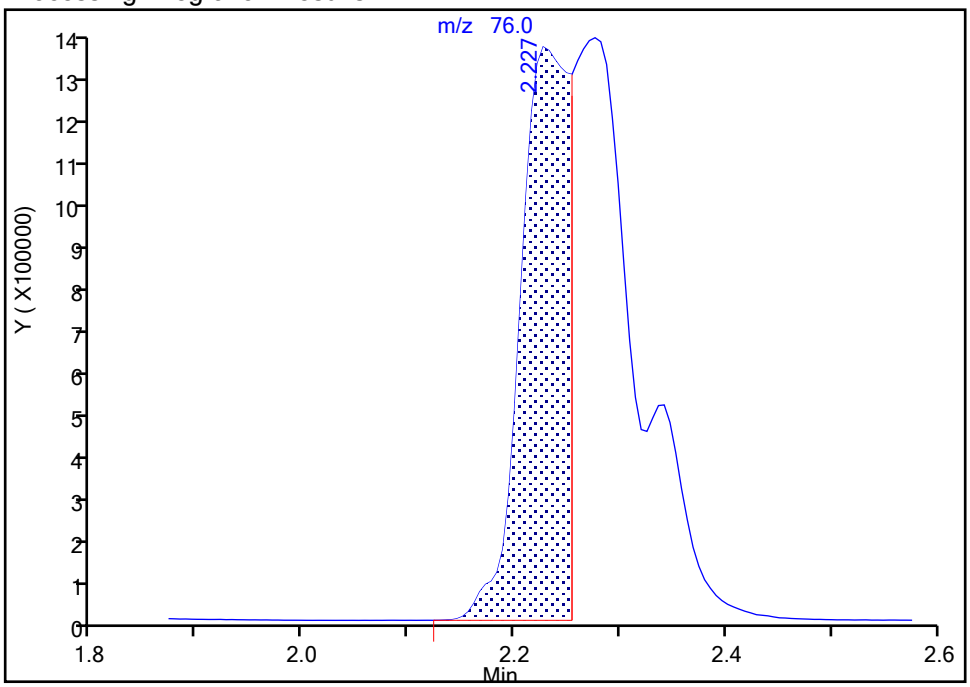
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

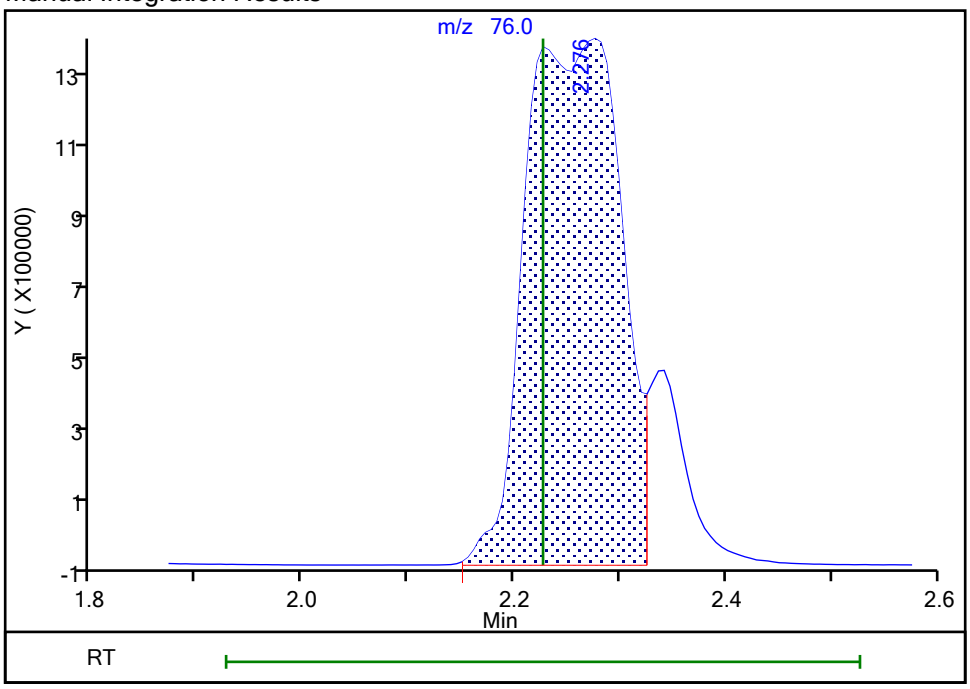
Processing Integration Results

RT: 2.23
Area: 4260184
Amount: 307.9916
Amount Units: ug/l



Manual Integration Results

RT: 2.28
Area: 8425330
Amount: 488.0782
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:41:37
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

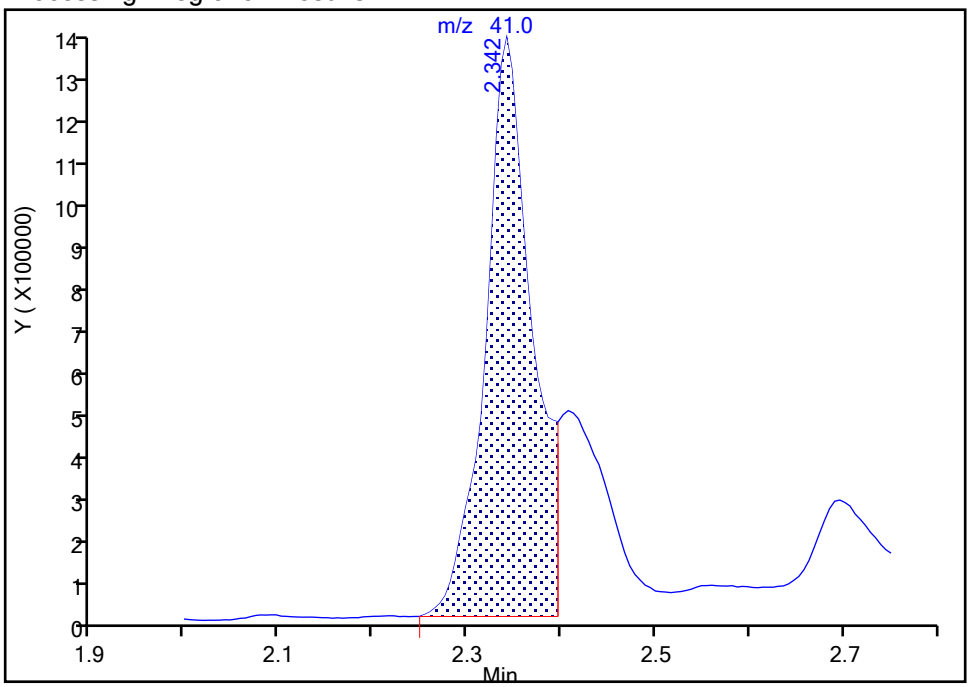
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

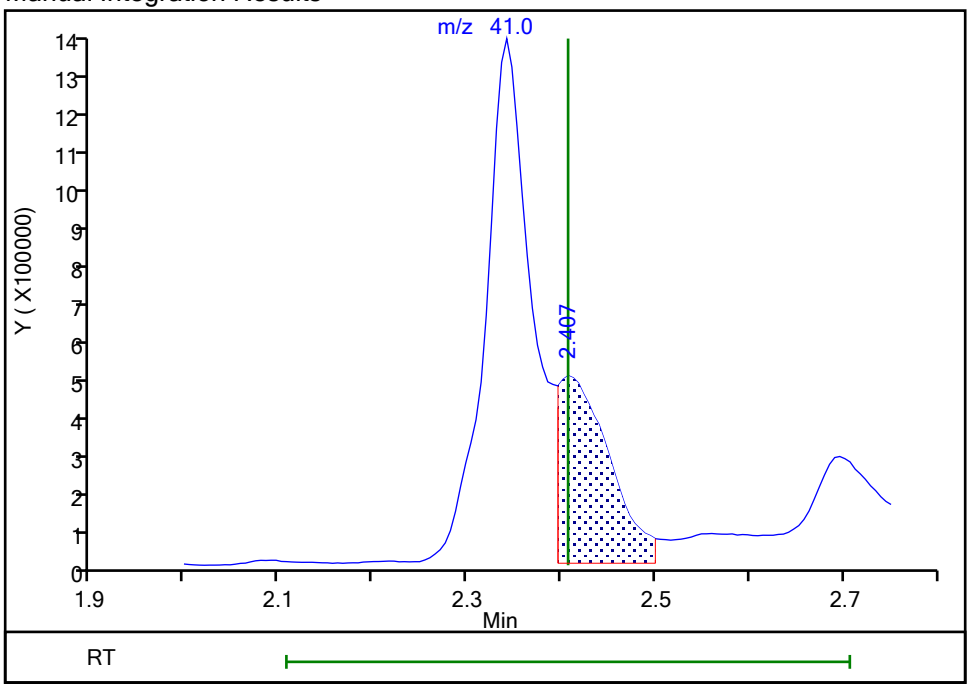
Processing Integration Results

RT: 2.34
Area: 4726997
Amount: 5003.3515
Amount Units: ug/l



Manual Integration Results

RT: 2.41
Area: 1856153
Amount: 4656.7233
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:41:56
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

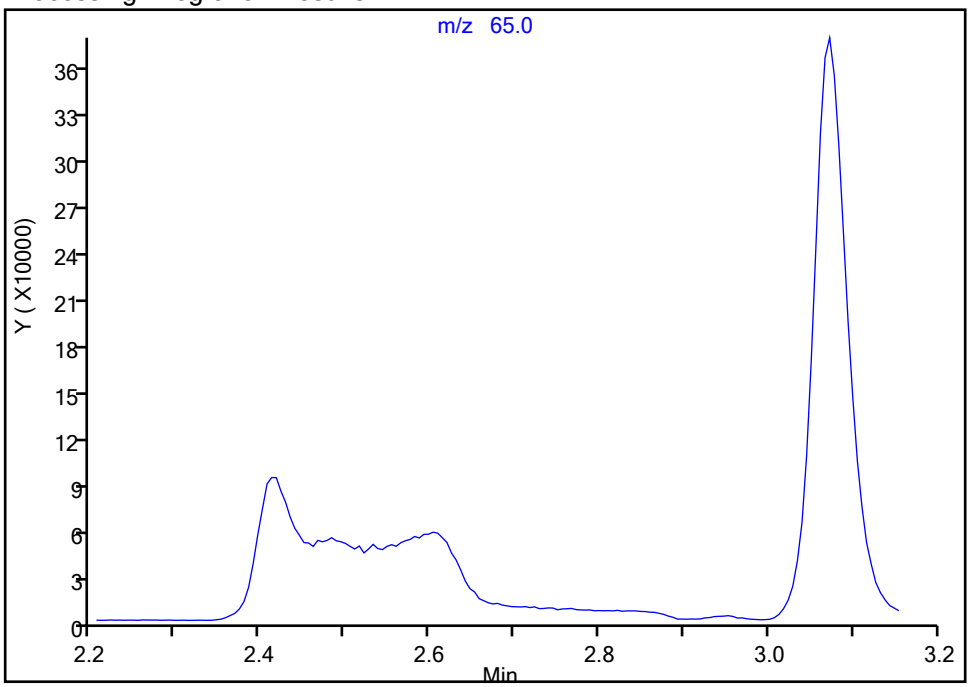
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

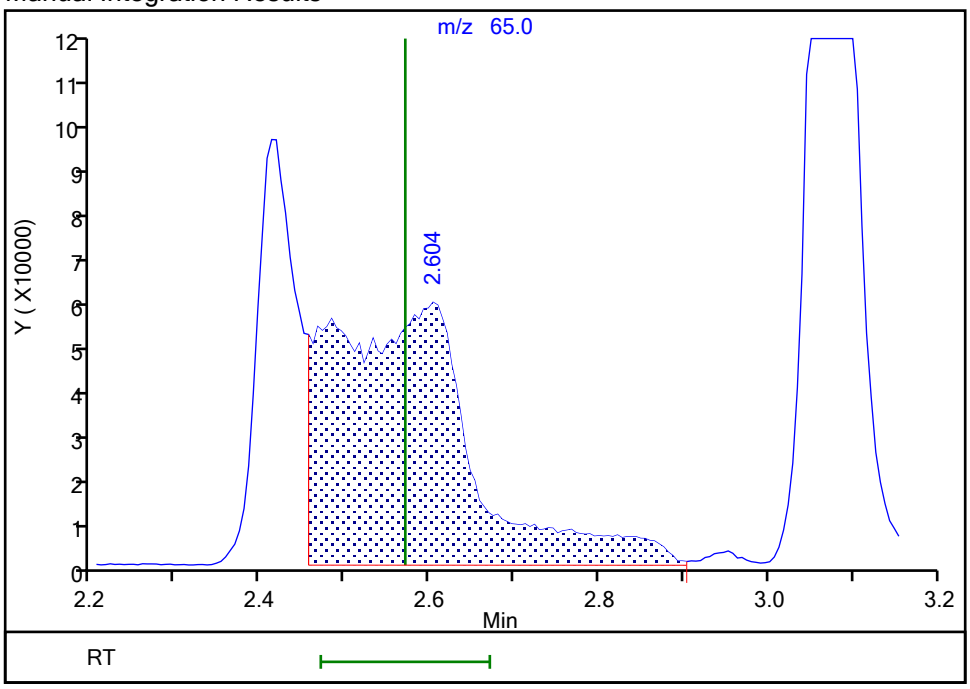
Not Detected
Expected RT: 2.57

Processing Integration Results



Manual Integration Results

RT: 2.60
Area: 674690
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:40:04
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

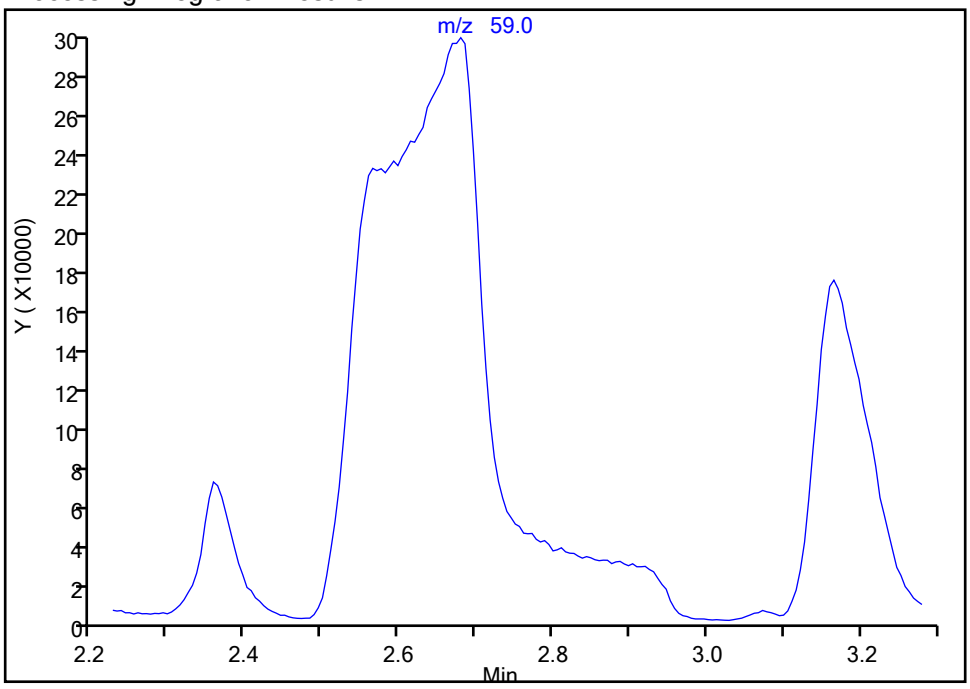
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

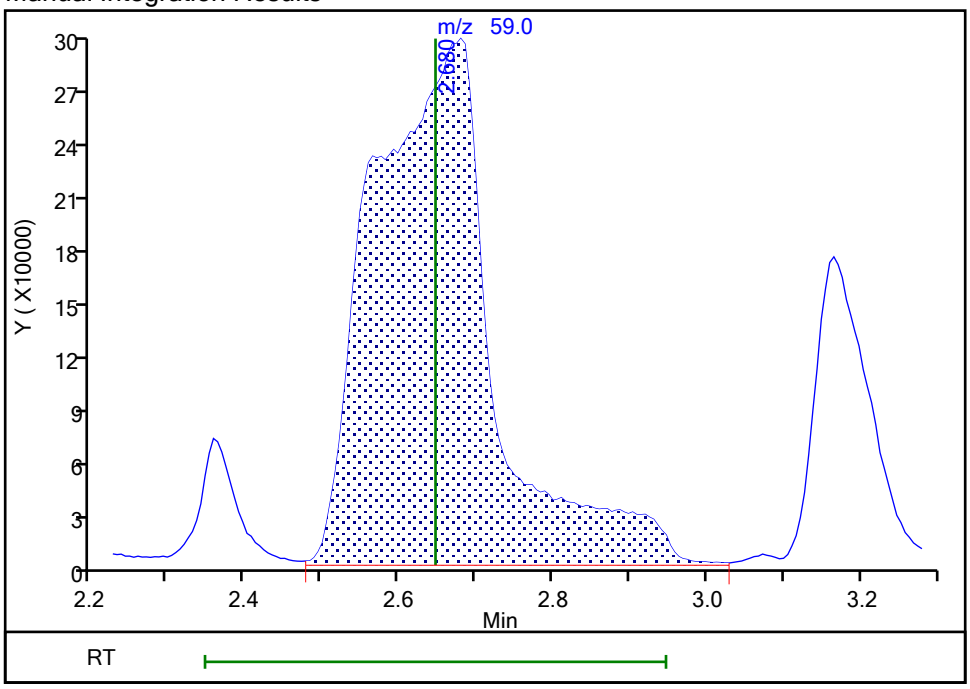
Not Detected
Expected RT: 2.65

Processing Integration Results



Manual Integration Results

RT: 2.68
Area: 3291636
Amount: 4725.8567
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:42:03
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

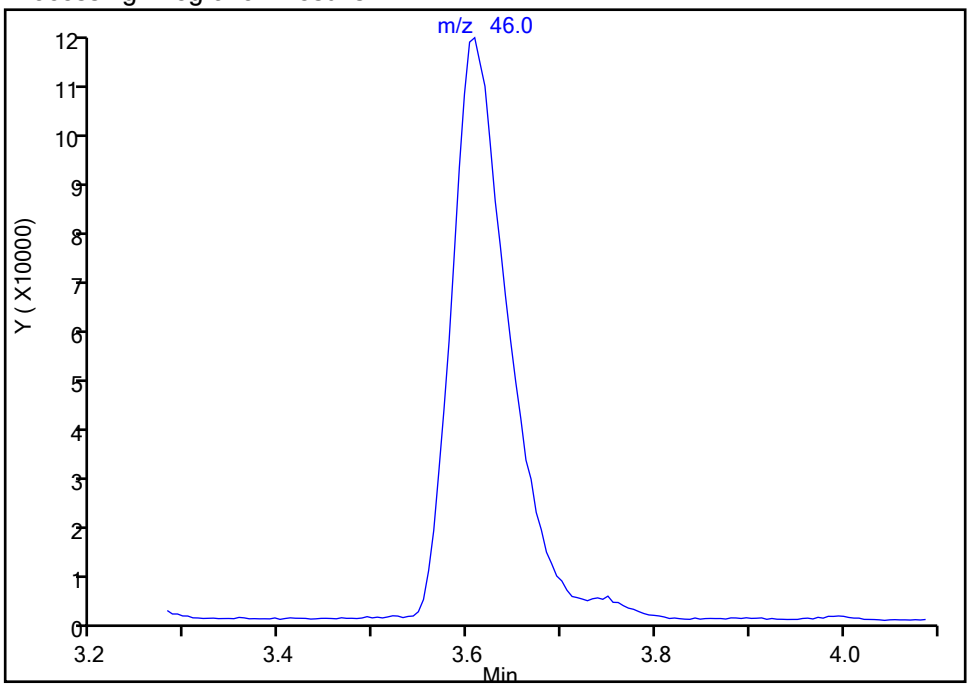
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

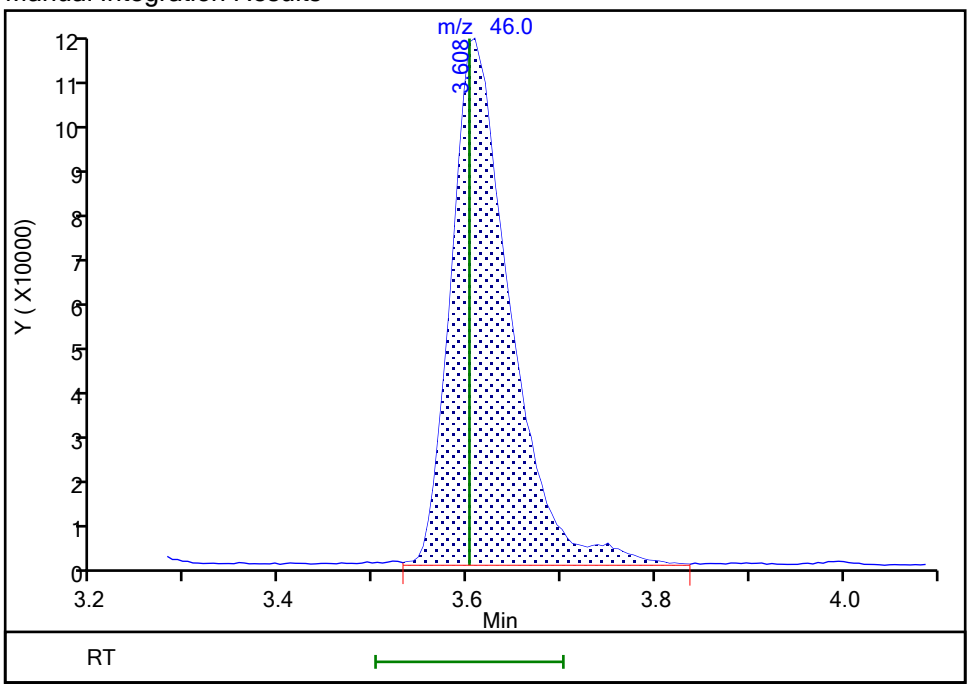
Not Detected
Expected RT: 3.60

Processing Integration Results



Manual Integration Results

RT: 3.61
Area: 494767
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:40:09
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Eurofins TestAmerica, Edison

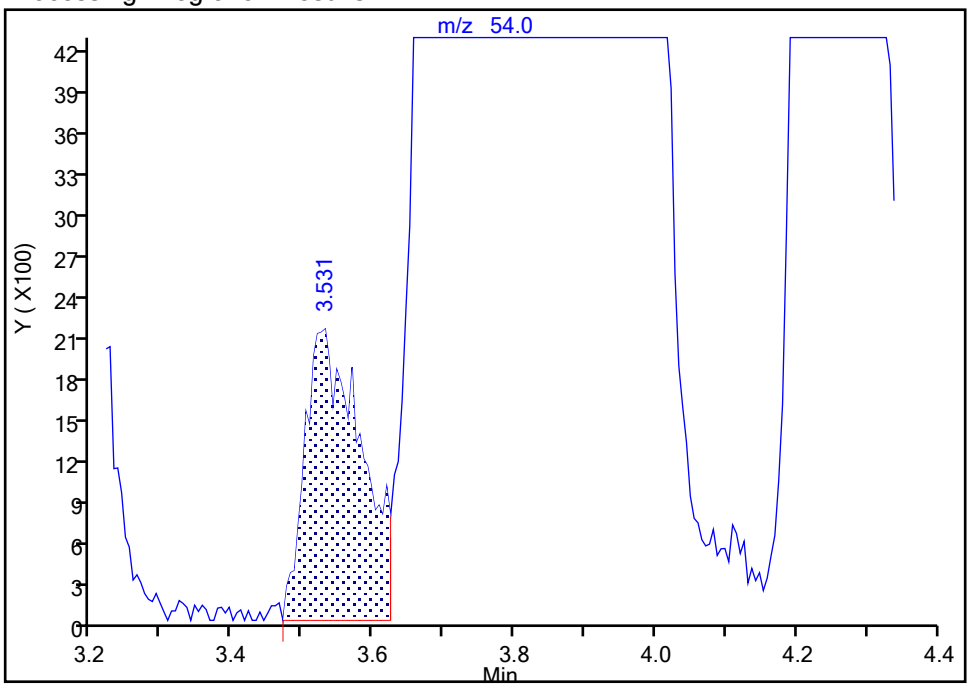
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

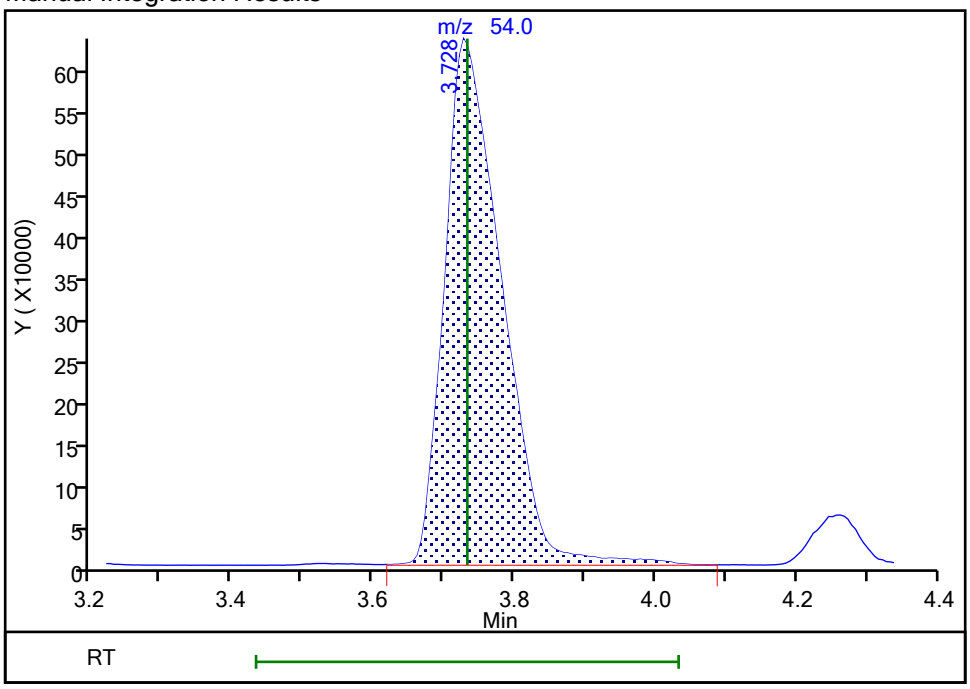
Processing Integration Results

RT: 3.53
Area: 11671
Amount: 22.985941
Amount Units: ug/l



Manual Integration Results

RT: 3.73
Area: 3541884
Amount: 5663.2186
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:42:12
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

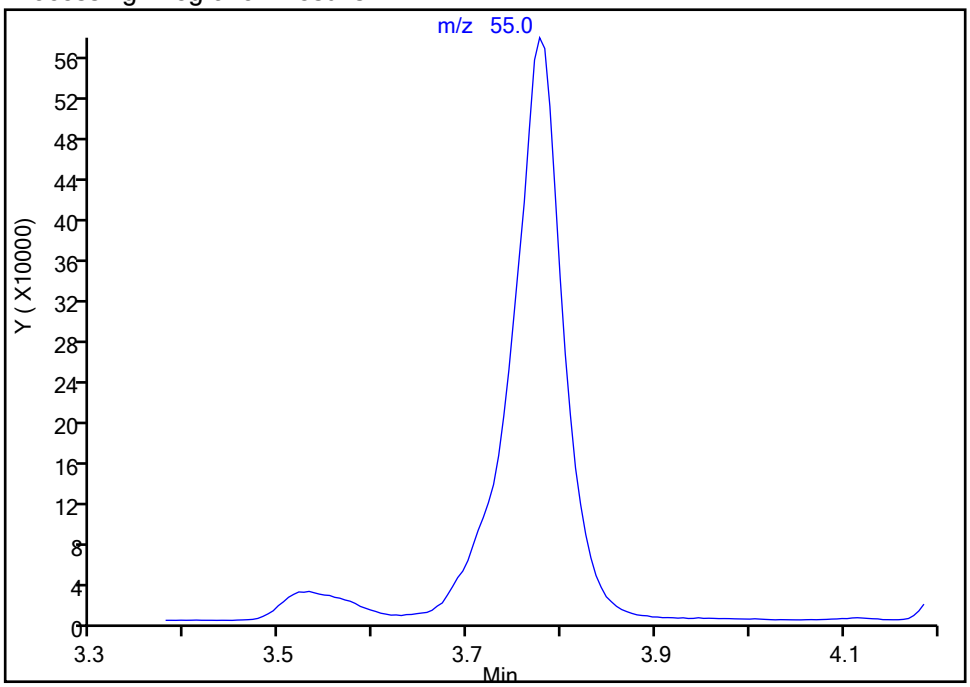
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

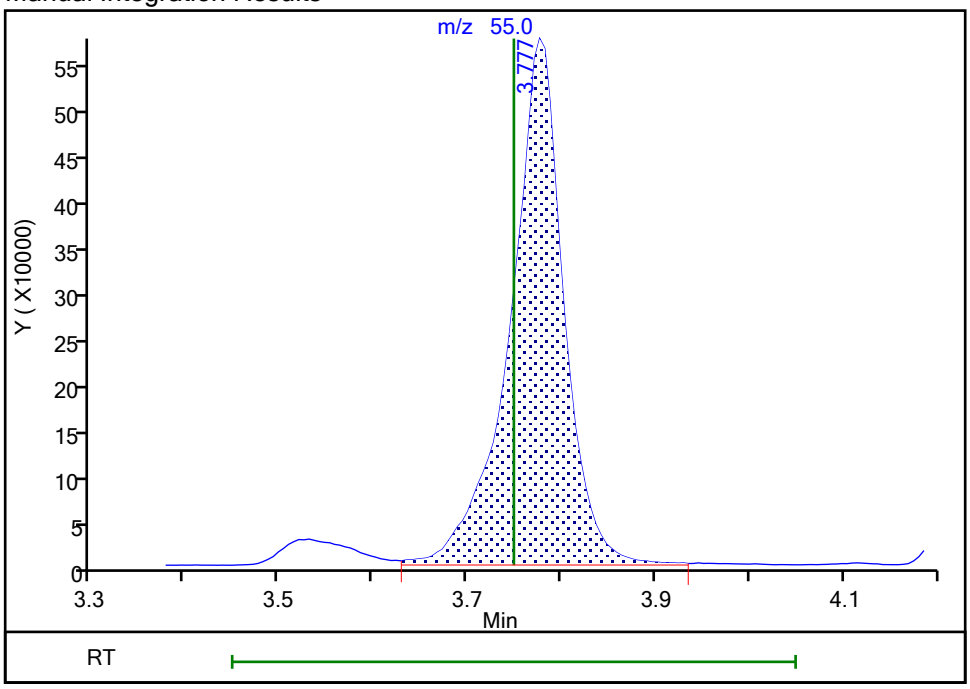
Not Detected
Expected RT: 3.75

Processing Integration Results



Manual Integration Results

RT: 3.78
Area: 2280289
Amount: 501.7160
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:42:18
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

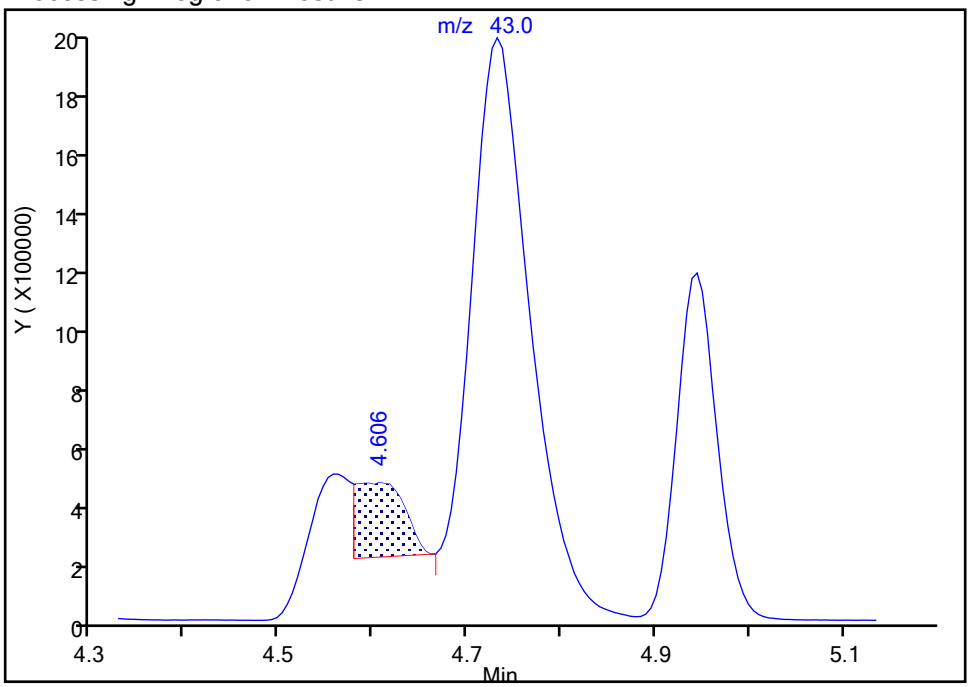
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

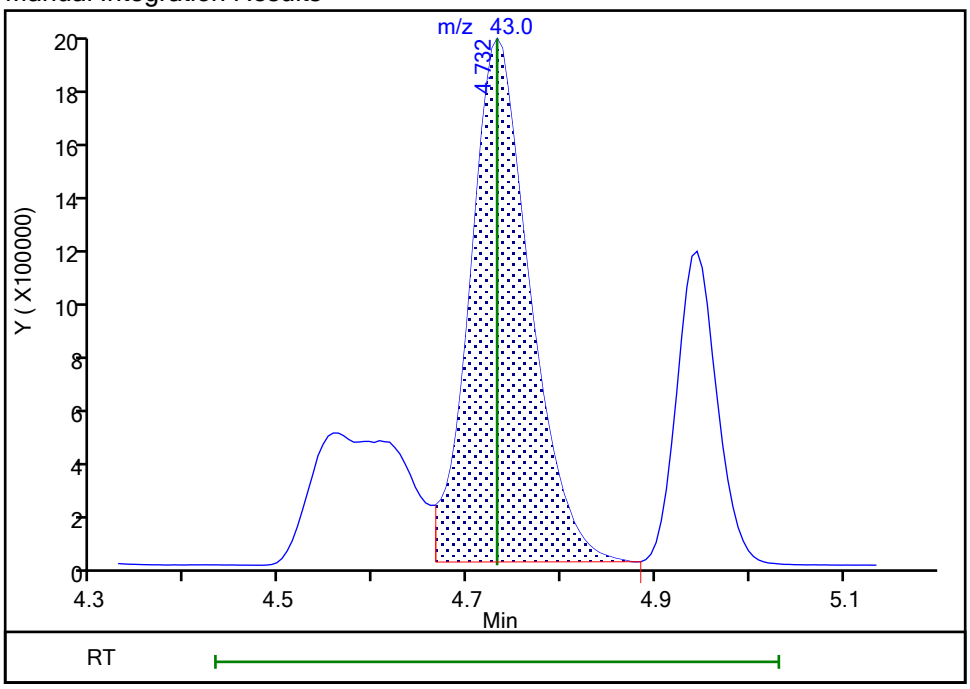
Processing Integration Results

RT: 4.61
Area: 897509
Amount: 242.5553
Amount Units: ug/l



Manual Integration Results

RT: 4.73
Area: 8485459
Amount: 479.4638
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:42:28
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

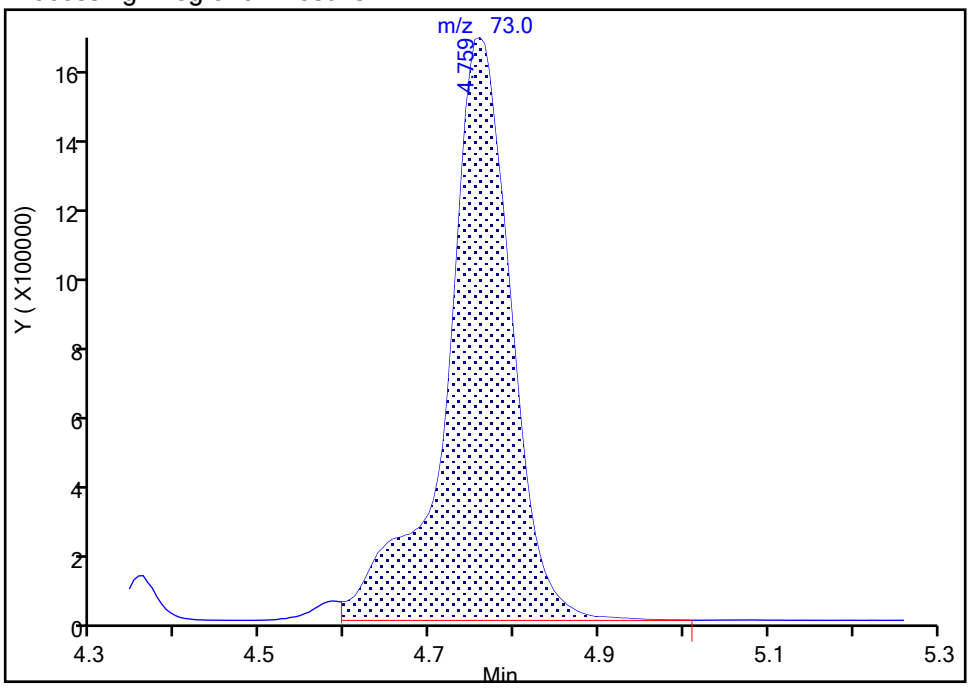
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

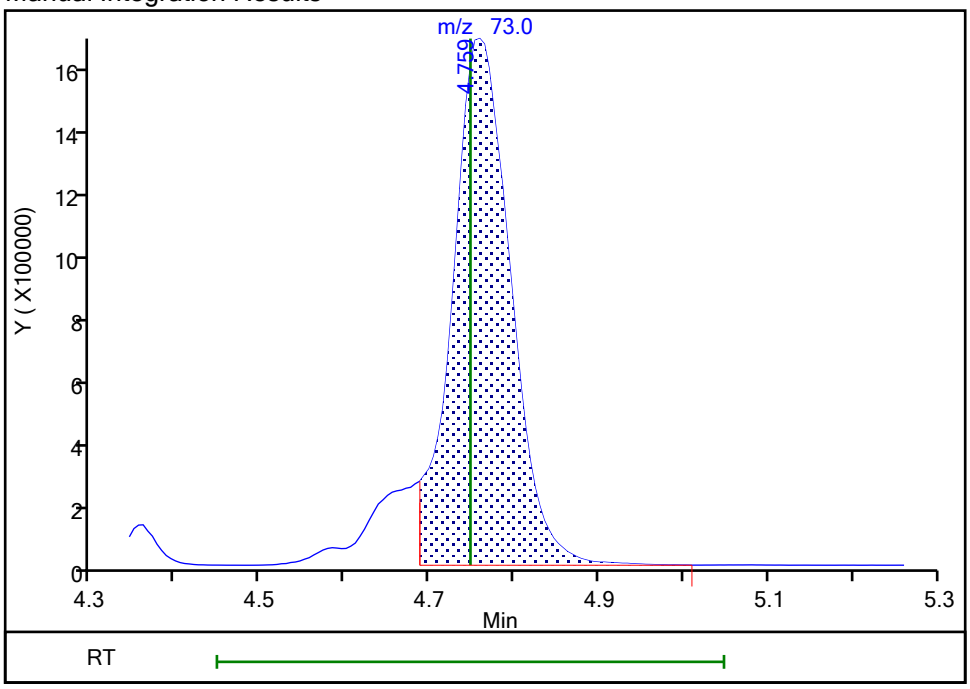
Processing Integration Results

RT: 4.76
Area: 8838330
Amount: 550.8127
Amount Units: ug/l



Manual Integration Results

RT: 4.76
Area: 7924108
Amount: 503.3979
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:42:34
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

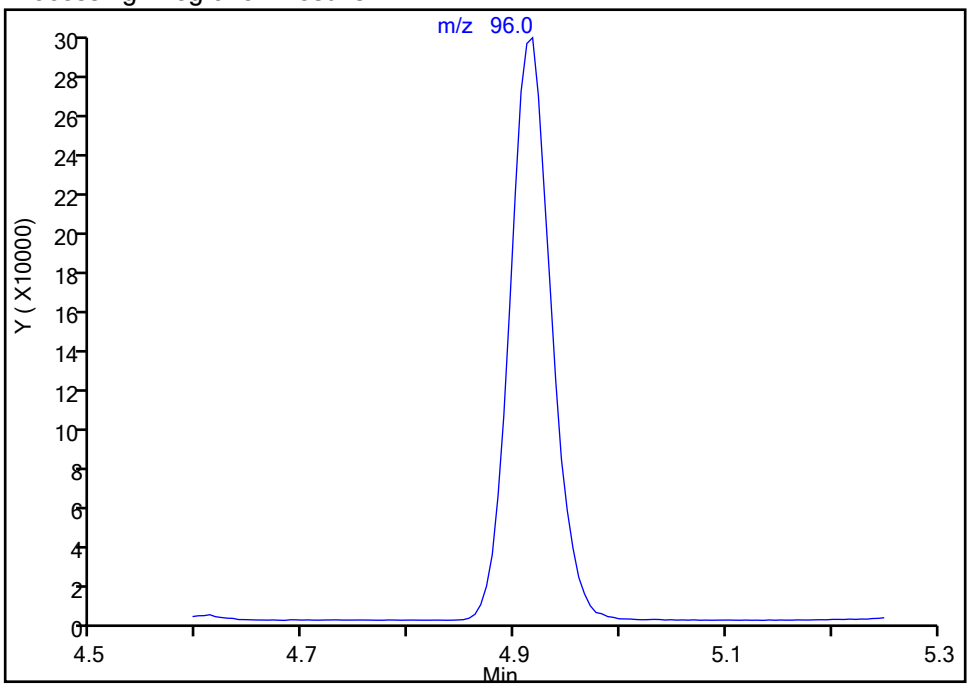
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 66 Fluorobenzene, CAS: 462-06-6

Signal: 1

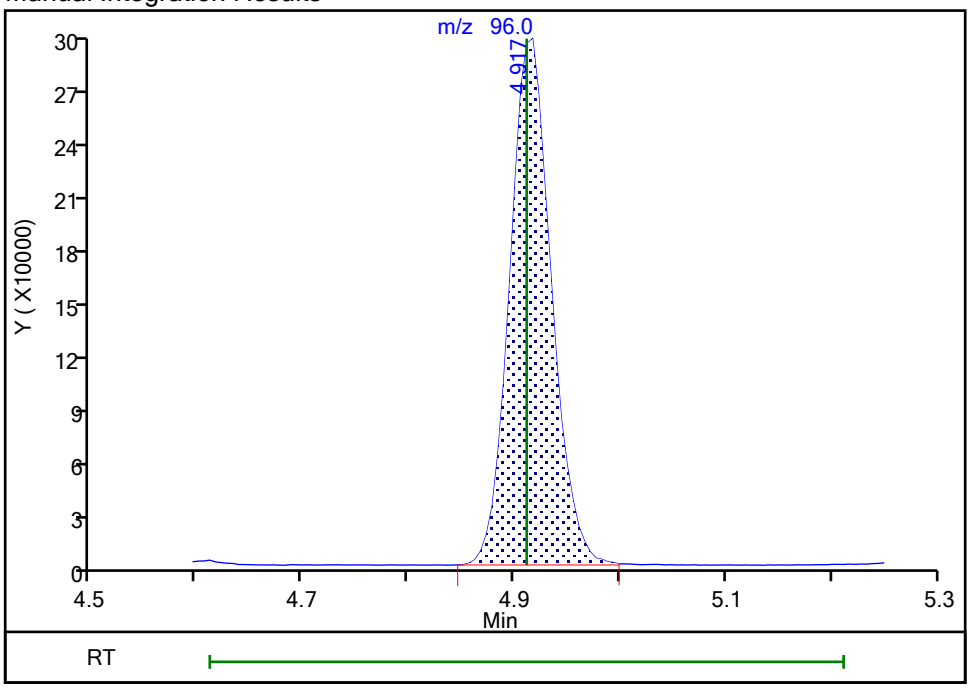
Not Detected
Expected RT: 4.91

Processing Integration Results



Manual Integration Results

RT: 4.92
Area: 802194
Amount: 50.000000
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:40:13
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Eurofins TestAmerica, Edison

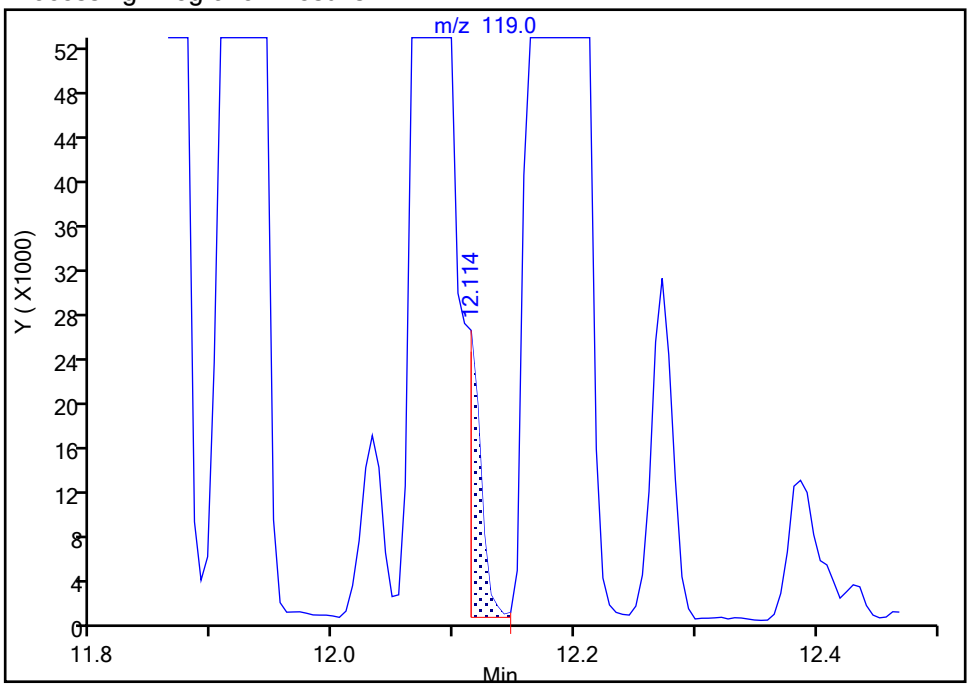
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D
Injection Date: 01-Apr-2021 13:48:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

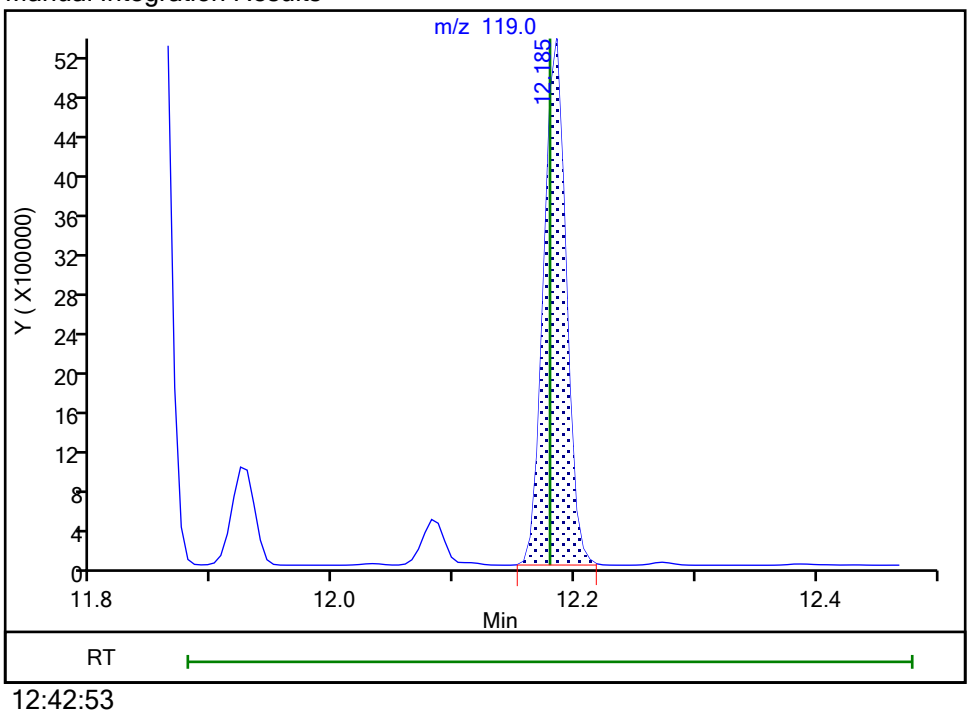
Processing Integration Results

RT: 12.11
Area: 18403
Amount: 1.692467
Amount Units: ug/l



Manual Integration Results

RT: 12.18
Area: 6889144
Amount: 523.3432
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 12:42:53
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

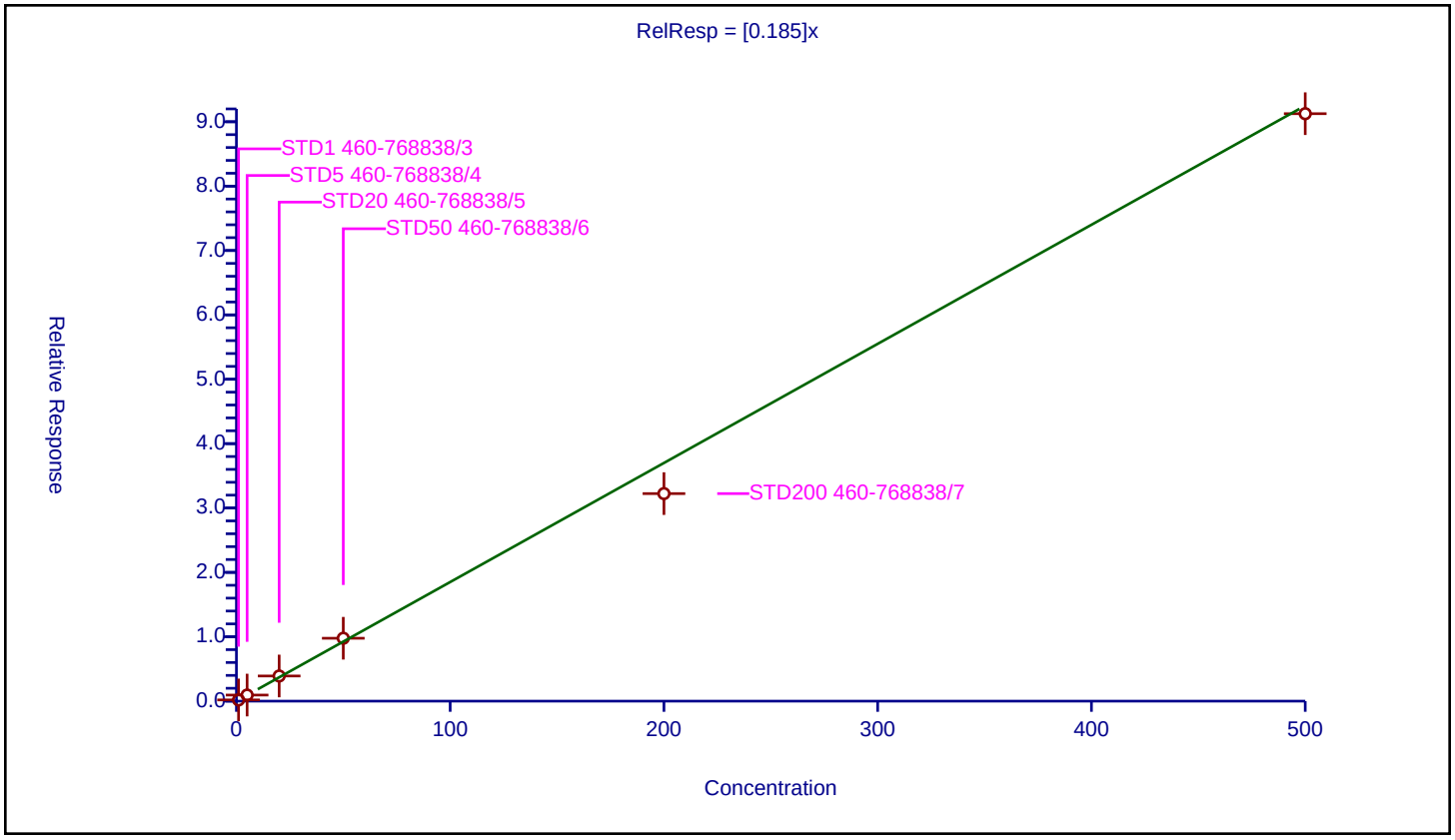
Curve Coefficients

Intercept:	0
Slope:	0.185

Error Coefficients

Standard Error:	693000
Relative Standard Error:	6.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.186665	50.0	610989.0	0.186665	Y
2	STD5 460-768838/4	5.0	0.94448	50.0	629447.0	0.188896	Y
3	STD20 460-768838/5	20.0	3.90653	50.0	665693.0	0.195327	Y
4	STD50 460-768838/6	50.0	9.770551	50.0	680847.0	0.195411	Y
5	STD200 460-768838/7	200.0	32.239181	50.0	756933.0	0.161196	Y
6	STD500 460-768838/8	500.0	91.253737	50.0	802194.0	0.182507	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

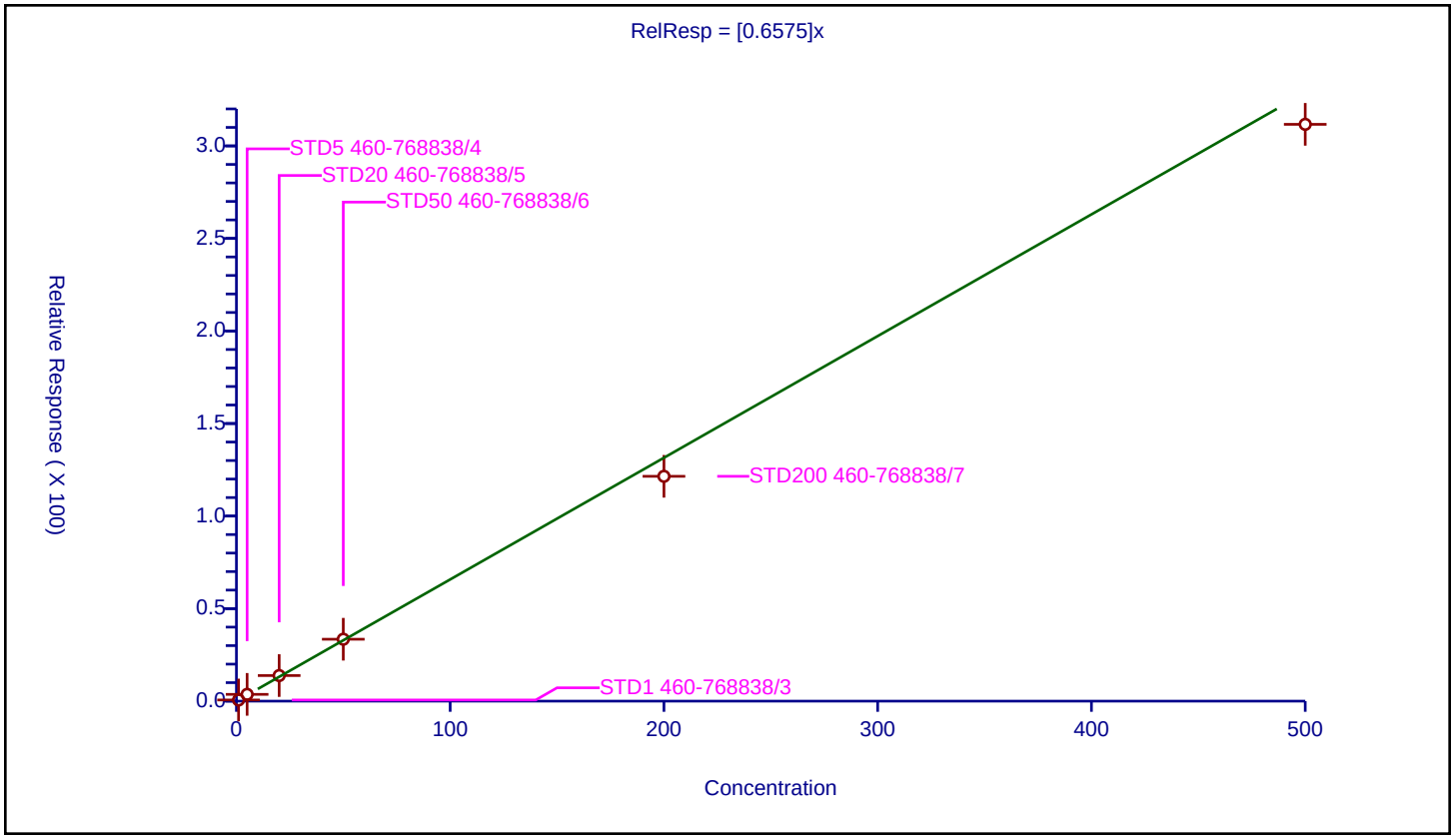
Curve Coefficients

Intercept:	0
Slope:	0.6575

Error Coefficients

Standard Error:	2390000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.621206	50.0	610989.0	0.621206	Y
2	STD5 460-768838/4	5.0	3.663772	50.0	629447.0	0.732754	Y
3	STD20 460-768838/5	20.0	13.821386	50.0	665693.0	0.691069	Y
4	STD50 460-768838/6	50.0	33.457223	50.0	680847.0	0.669144	Y
5	STD200 460-768838/7	200.0	121.485125	50.0	756933.0	0.607426	Y
6	STD500 460-768838/8	500.0	311.649052	50.0	802194.0	0.623298	Y



Calibration / Chlorodifluoromethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

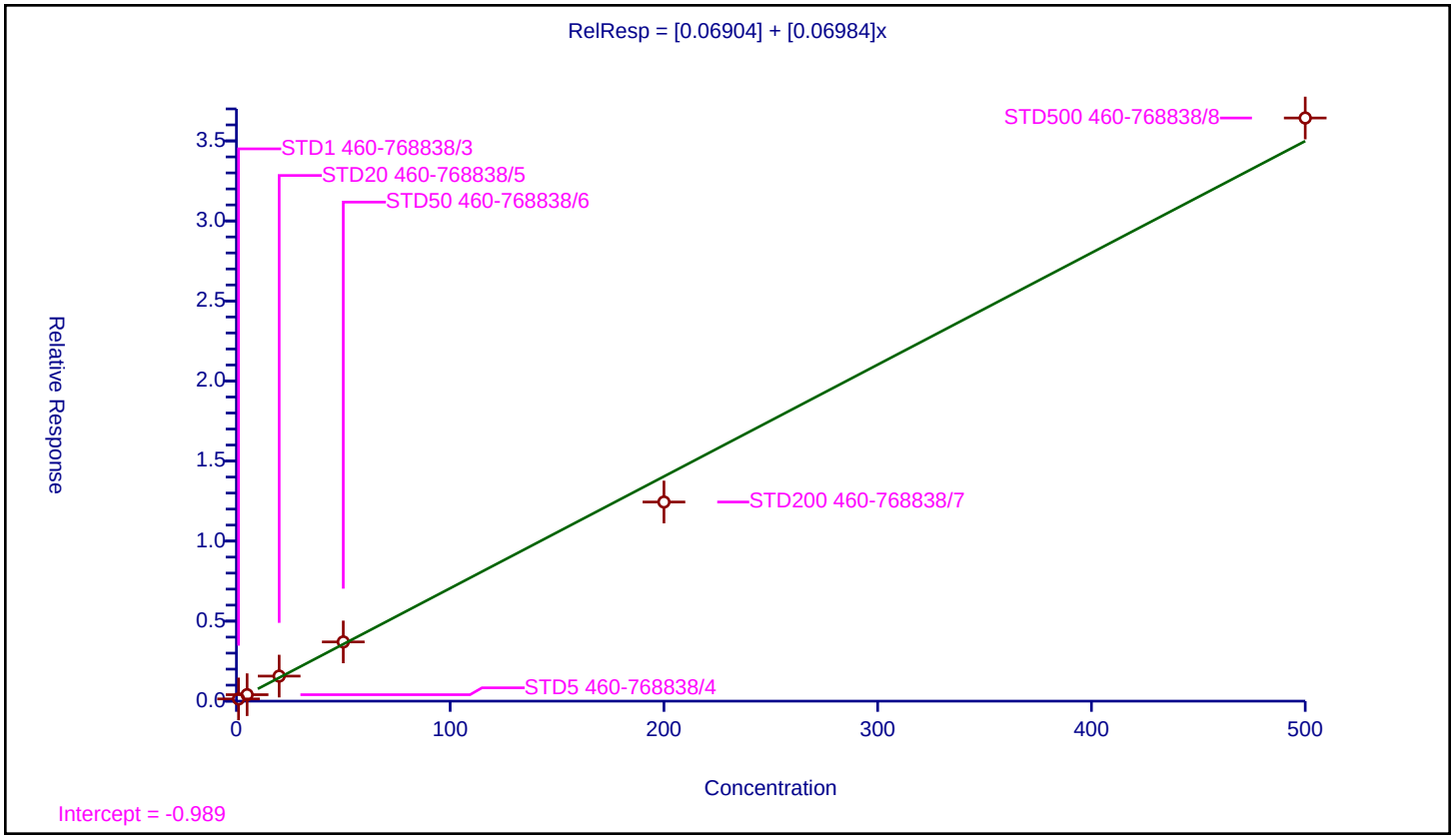
Curve Coefficients

Intercept:	0.06904
Slope:	0.06984

Error Coefficients

Standard Error:	308000
Relative Standard Error:	7.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.139201	50.0	610989.0	0.139201	Y
2	STD5 460-768838/4	5.0	0.403449	50.0	629447.0	0.08069	Y
3	STD20 460-768838/5	20.0	1.565136	50.0	665693.0	0.078257	Y
4	STD50 460-768838/6	50.0	3.699363	50.0	680847.0	0.073987	Y
5	STD200 460-768838/7	200.0	12.440599	50.0	756933.0	0.062203	Y
6	STD500 460-768838/8	500.0	36.431711	50.0	802194.0	0.072863	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

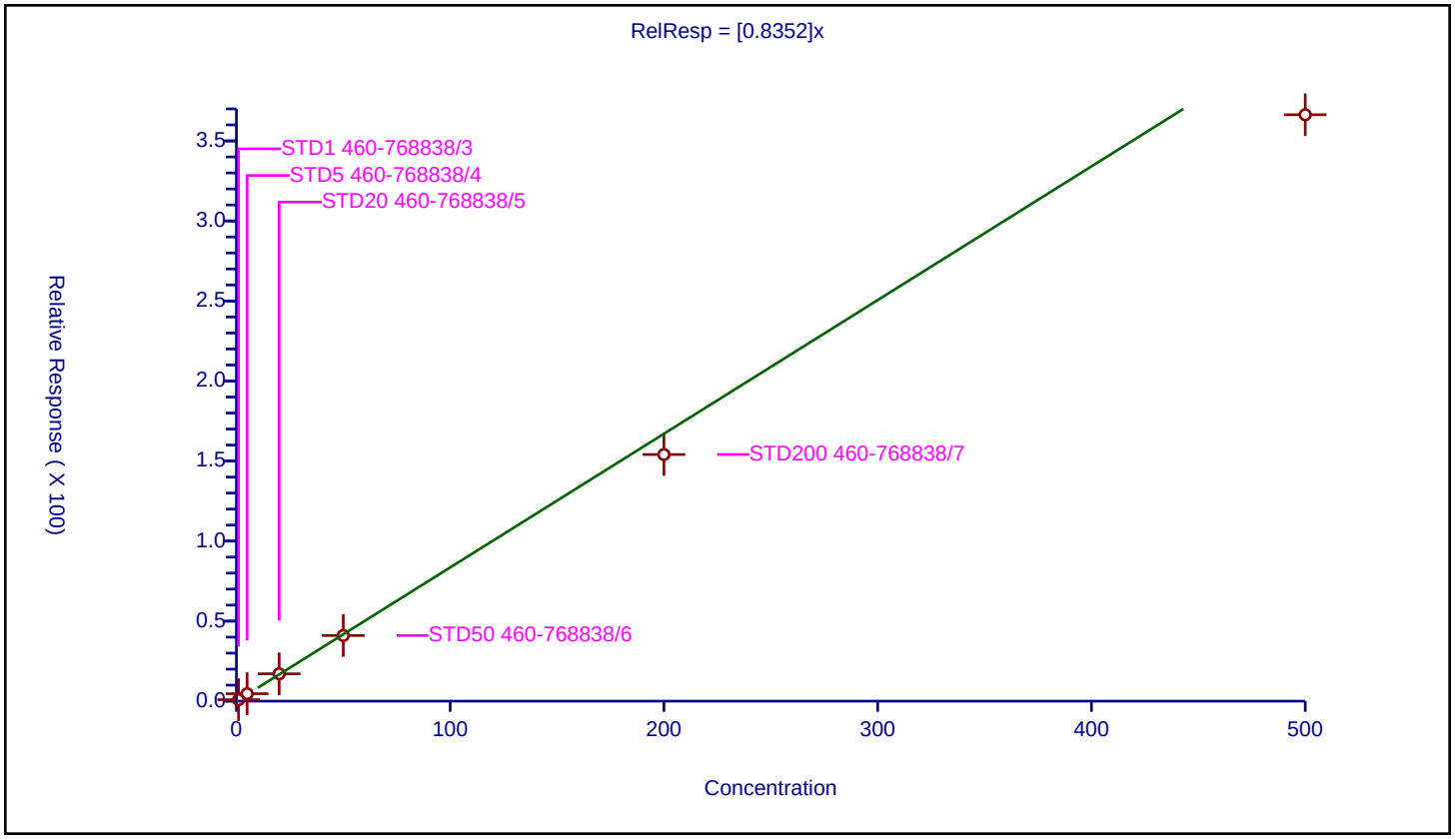
Curve Coefficients

Intercept:	0
Slope:	0.8352

Error Coefficients

Standard Error:	2840000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.906154	50.0	610989.0	0.906154	Y
2	STD5 460-768838/4	5.0	4.637642	50.0	629447.0	0.927528	Y
3	STD20 460-768838/5	20.0	17.085428	50.0	665693.0	0.854271	Y
4	STD50 460-768838/6	50.0	41.001796	50.0	680847.0	0.820036	Y
5	STD200 460-768838/7	200.0	154.071893	50.0	756933.0	0.770359	Y
6	STD500 460-768838/8	500.0	366.338379	50.0	802194.0	0.732677	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

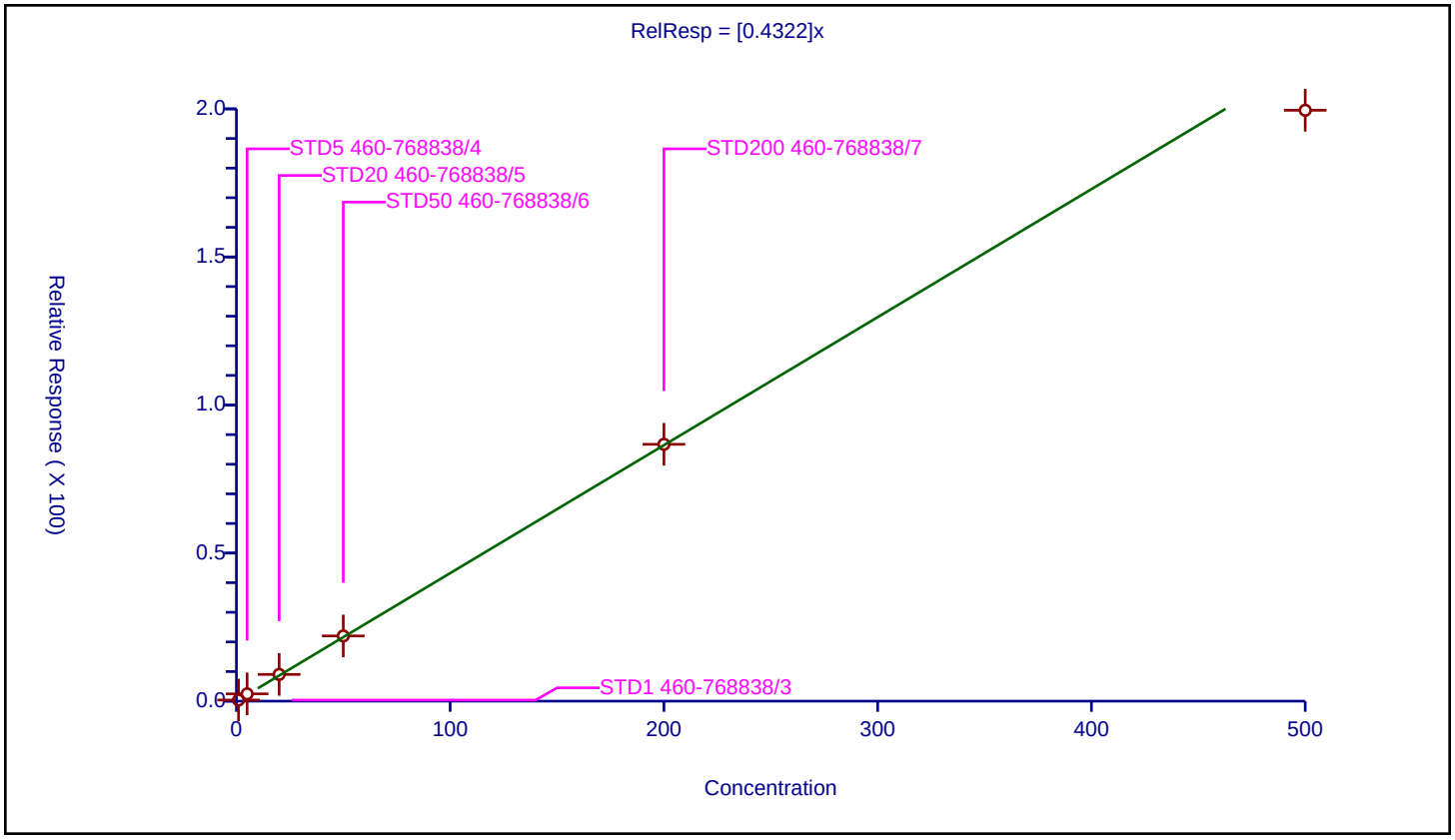
Curve Coefficients

Intercept:	0
Slope:	0.4322

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.377339	50.0	610989.0	0.377339	Y
2	STD5 460-768838/4	5.0	2.459063	50.0	629447.0	0.491813	Y
3	STD20 460-768838/5	20.0	9.022853	50.0	665693.0	0.451143	Y
4	STD50 460-768838/6	50.0	22.018016	50.0	680847.0	0.44036	Y
5	STD200 460-768838/7	200.0	86.736739	50.0	756933.0	0.433684	Y
6	STD500 460-768838/8	500.0	199.52979	50.0	802194.0	0.39906	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

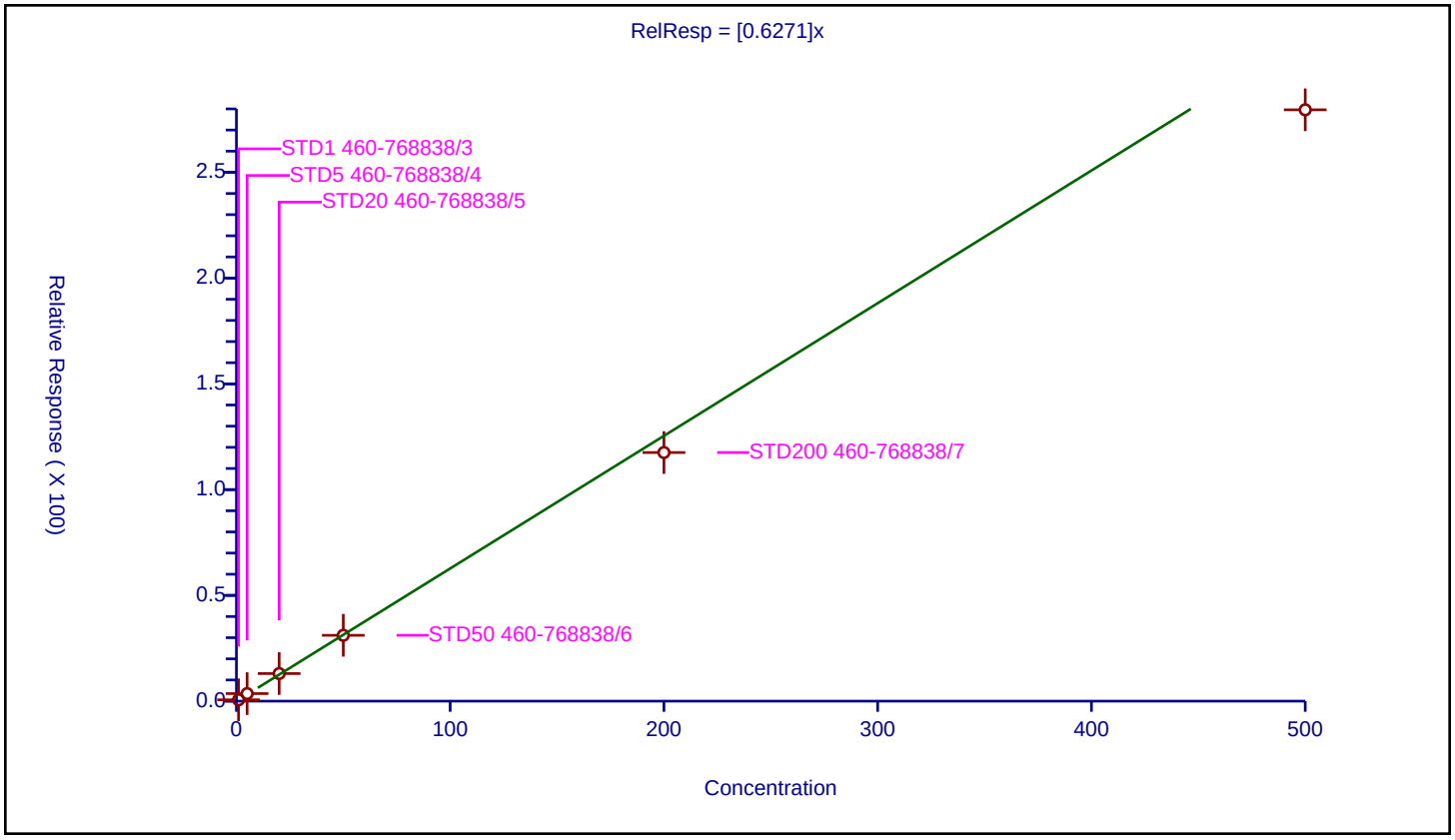
Curve Coefficients

Intercept:	0
Slope:	0.6271

Error Coefficients

Standard Error:	2170000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.628653	50.0	610989.0	0.628653	Y
2	STD5 460-768838/4	5.0	3.563445	50.0	629447.0	0.712689	Y
3	STD20 460-768838/5	20.0	13.039119	50.0	665693.0	0.651956	Y
4	STD50 460-768838/6	50.0	31.126083	50.0	680847.0	0.622522	Y
5	STD200 460-768838/7	200.0	117.53788	50.0	756933.0	0.587689	Y
6	STD500 460-768838/8	500.0	279.573644	50.0	802194.0	0.559147	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

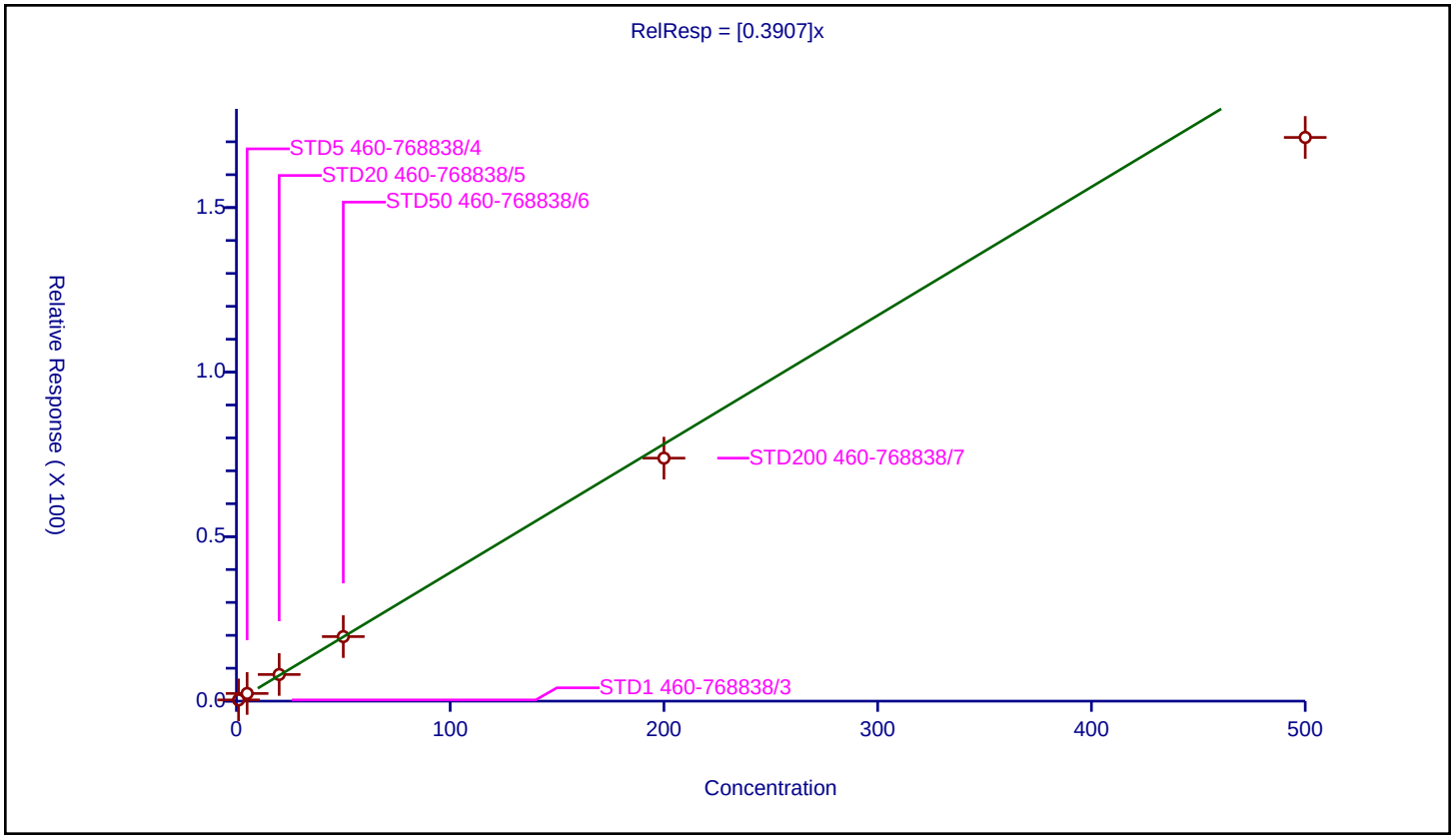
Curve Coefficients

Intercept:	0
Slope:	0.3907

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	11.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.368174	50.0	610989.0	0.368174	Y
2	STD5 460-768838/4	5.0	2.334748	50.0	629447.0	0.46695	Y
3	STD20 460-768838/5	20.0	8.094873	50.0	665693.0	0.404744	Y
4	STD50 460-768838/6	50.0	19.620855	50.0	680847.0	0.392417	Y
5	STD200 460-768838/7	200.0	73.855876	50.0	756933.0	0.369279	Y
6	STD500 460-768838/8	500.0	171.323707	50.0	802194.0	0.342647	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

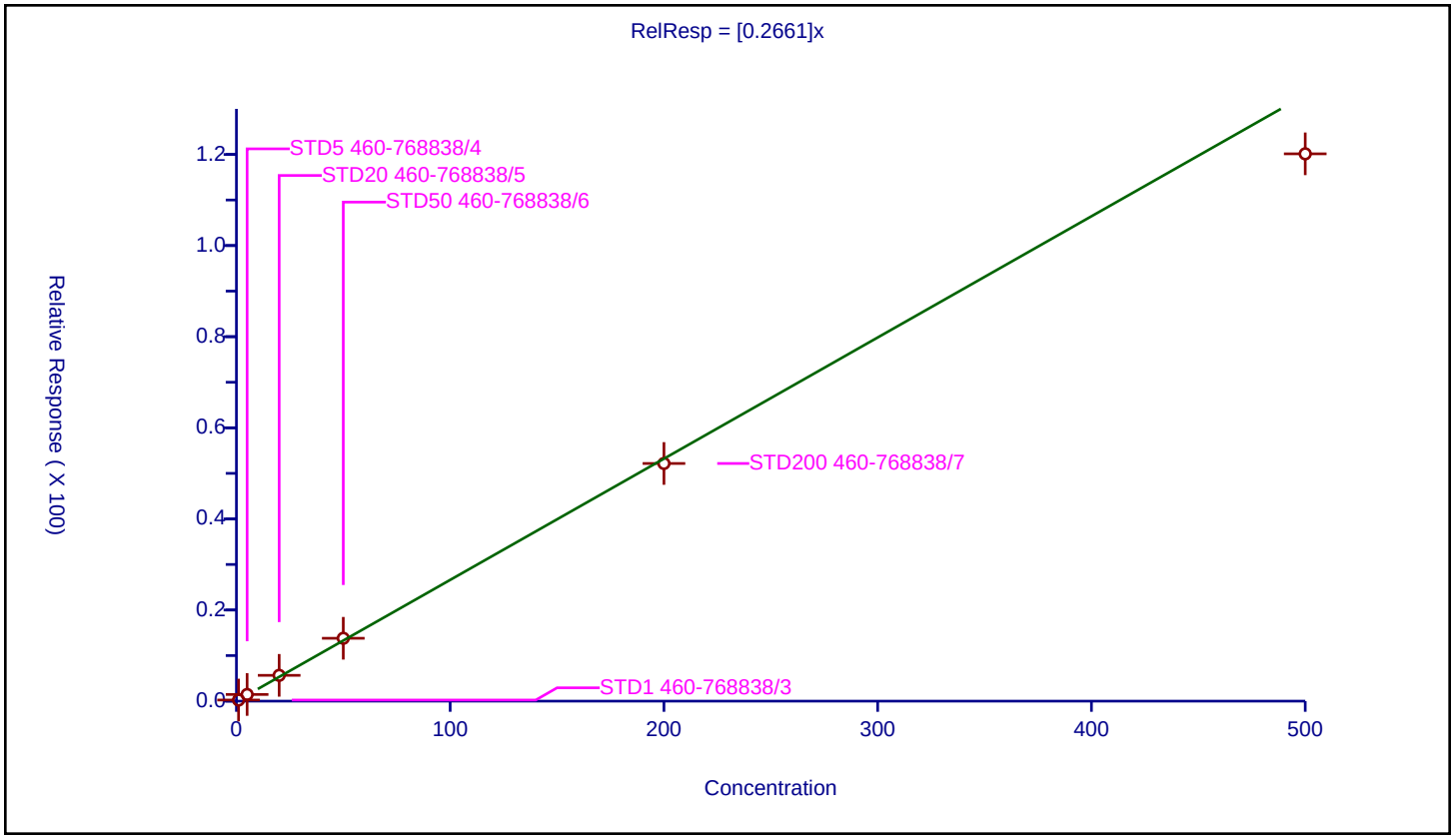
Curve Coefficients

Intercept:	0
Slope:	0.2661

Error Coefficients

Standard Error:	936000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.243867	50.0	610989.0	0.243867	Y
2	STD5 460-768838/4	5.0	1.461521	50.0	629447.0	0.292304	Y
3	STD20 460-768838/5	20.0	5.662896	50.0	665693.0	0.283145	Y
4	STD50 460-768838/6	50.0	13.79752	50.0	680847.0	0.27595	Y
5	STD200 460-768838/7	200.0	52.170602	50.0	756933.0	0.260853	Y
6	STD500 460-768838/8	500.0	120.138271	50.0	802194.0	0.240277	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

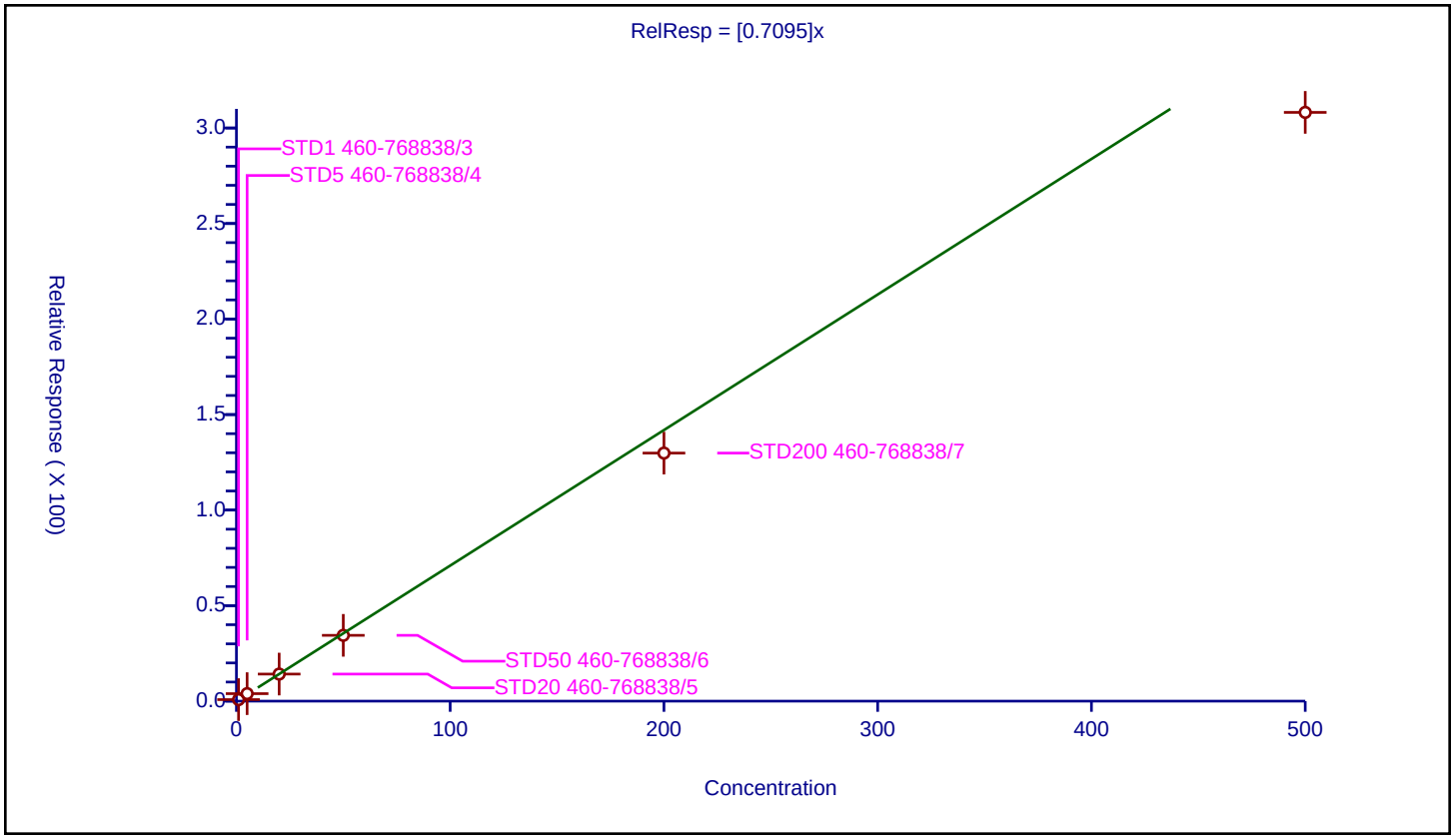
Curve Coefficients

Intercept:	0
Slope:	0.7095

Error Coefficients

Standard Error:	2390000
Relative Standard Error:	10.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.808116	50.0	610989.0	0.808116	Y
2	STD5 460-768838/4	5.0	3.930514	50.0	629447.0	0.786103	Y
3	STD20 460-768838/5	20.0	14.164713	50.0	665693.0	0.708236	Y
4	STD50 460-768838/6	50.0	34.438648	50.0	680847.0	0.688773	Y
5	STD200 460-768838/7	200.0	129.835335	50.0	756933.0	0.649177	Y
6	STD500 460-768838/8	500.0	308.171652	50.0	802194.0	0.616343	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

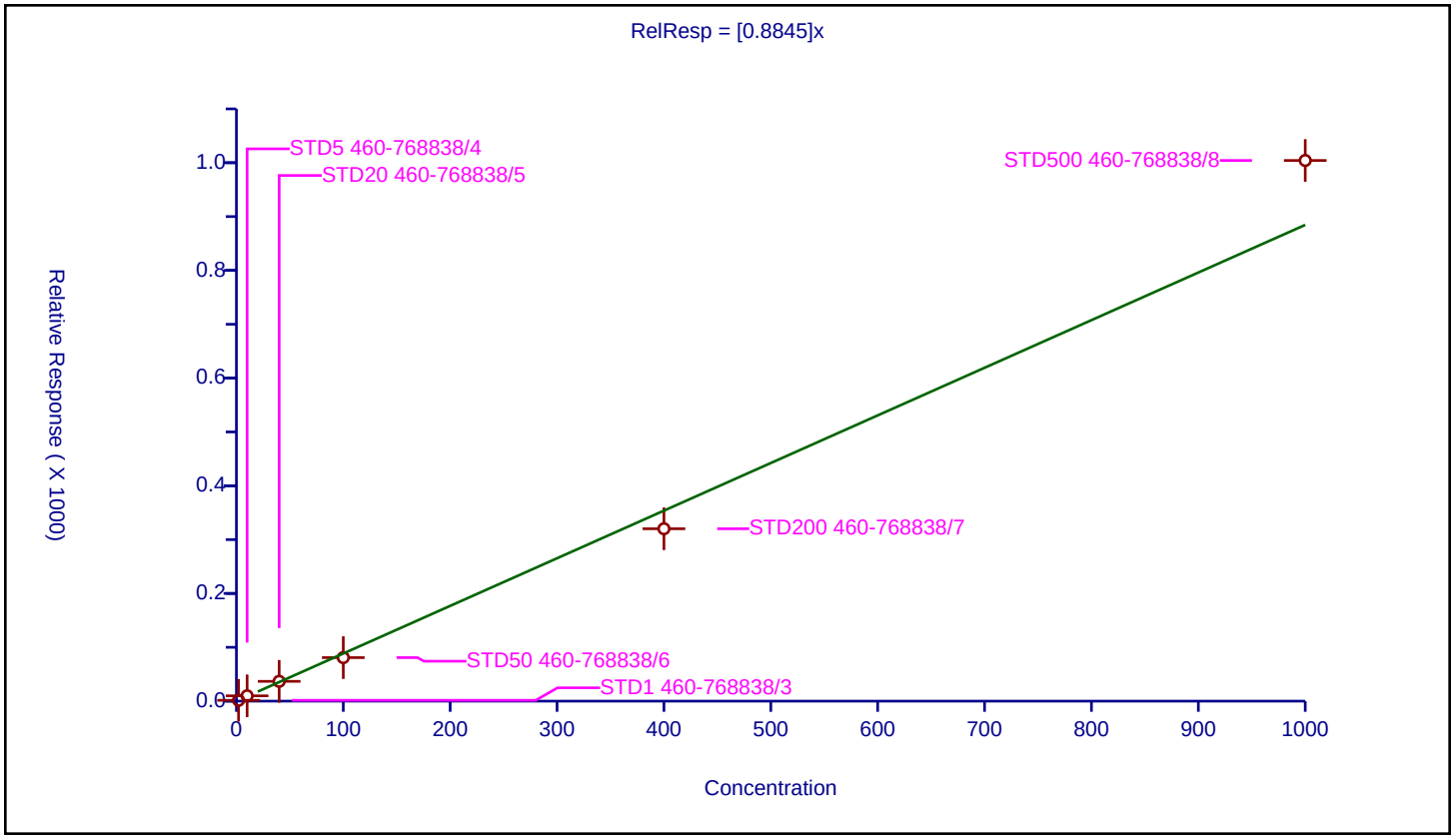
Curve Coefficients

Intercept:	0
Slope:	0.8845

Error Coefficients

Standard Error:	323000
Relative Standard Error:	11.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	2.0	1.577406	1000.0	555976.0	0.788703	Y
2	STD5 460-768838/4	10.0	9.854343	1000.0	590704.0	0.985434	Y
3	STD20 460-768838/5	40.0	36.792145	1000.0	676639.0	0.919804	Y
4	STD50 460-768838/6	100.0	80.853722	1000.0	768400.0	0.808537	Y
5	STD200 460-768838/7	400.0	320.184915	1000.0	762297.0	0.800462	Y
6	STD500 460-768838/8	1000.0	1004.161911	1000.0	674690.0	1.004162	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

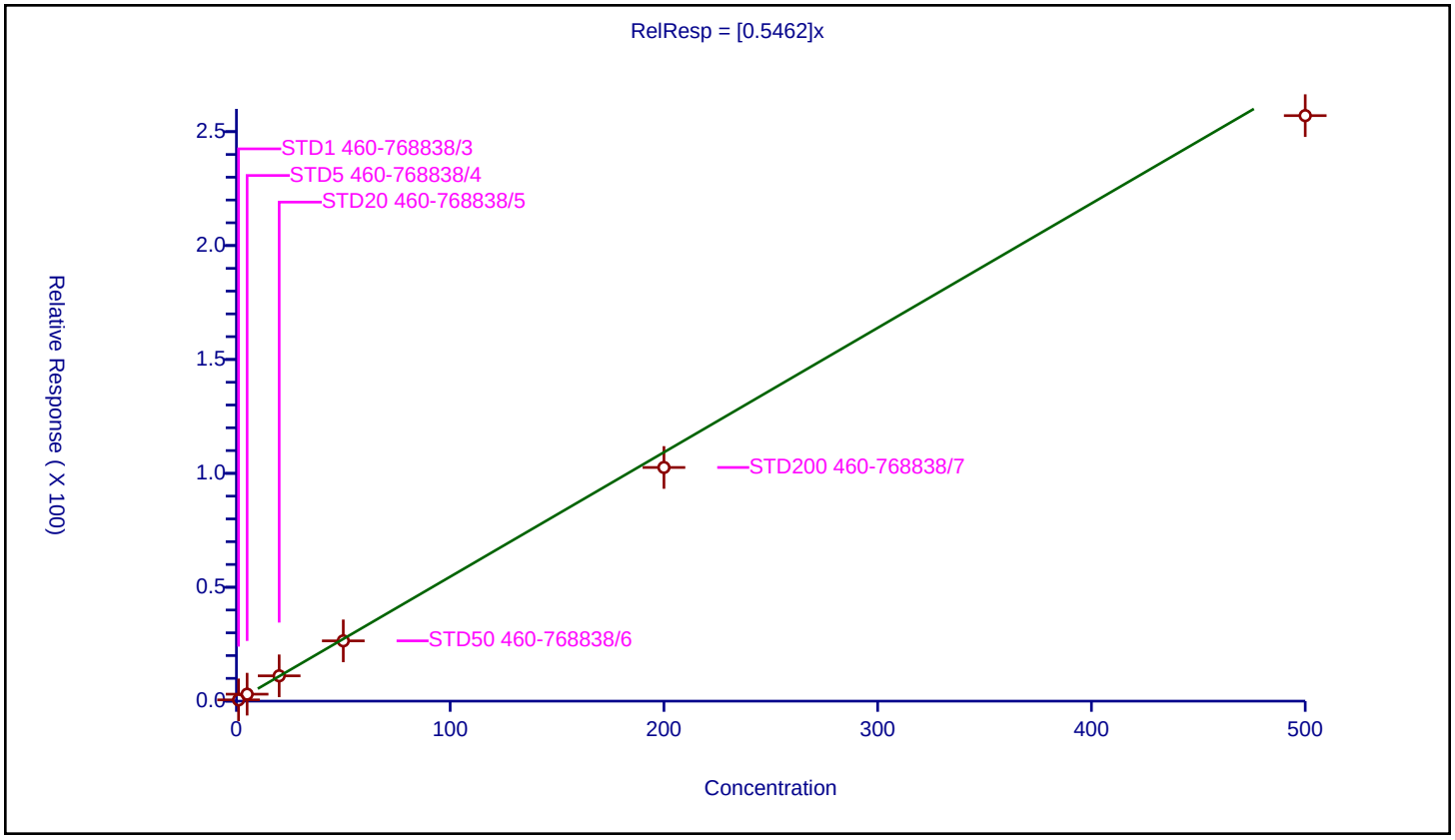
Curve Coefficients

Intercept:	0
Slope:	0.5462

Error Coefficients

Standard Error:	1980000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.554347	50.0	610989.0	0.554347	Y
2	STD5 460-768838/4	5.0	3.055301	50.0	629447.0	0.61106	Y
3	STD20 460-768838/5	20.0	11.111729	50.0	665693.0	0.555586	Y
4	STD50 460-768838/6	50.0	26.46997	50.0	680847.0	0.529399	Y
5	STD200 460-768838/7	200.0	102.586953	50.0	756933.0	0.512935	Y
6	STD500 460-768838/8	500.0	257.036515	50.0	802194.0	0.514073	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

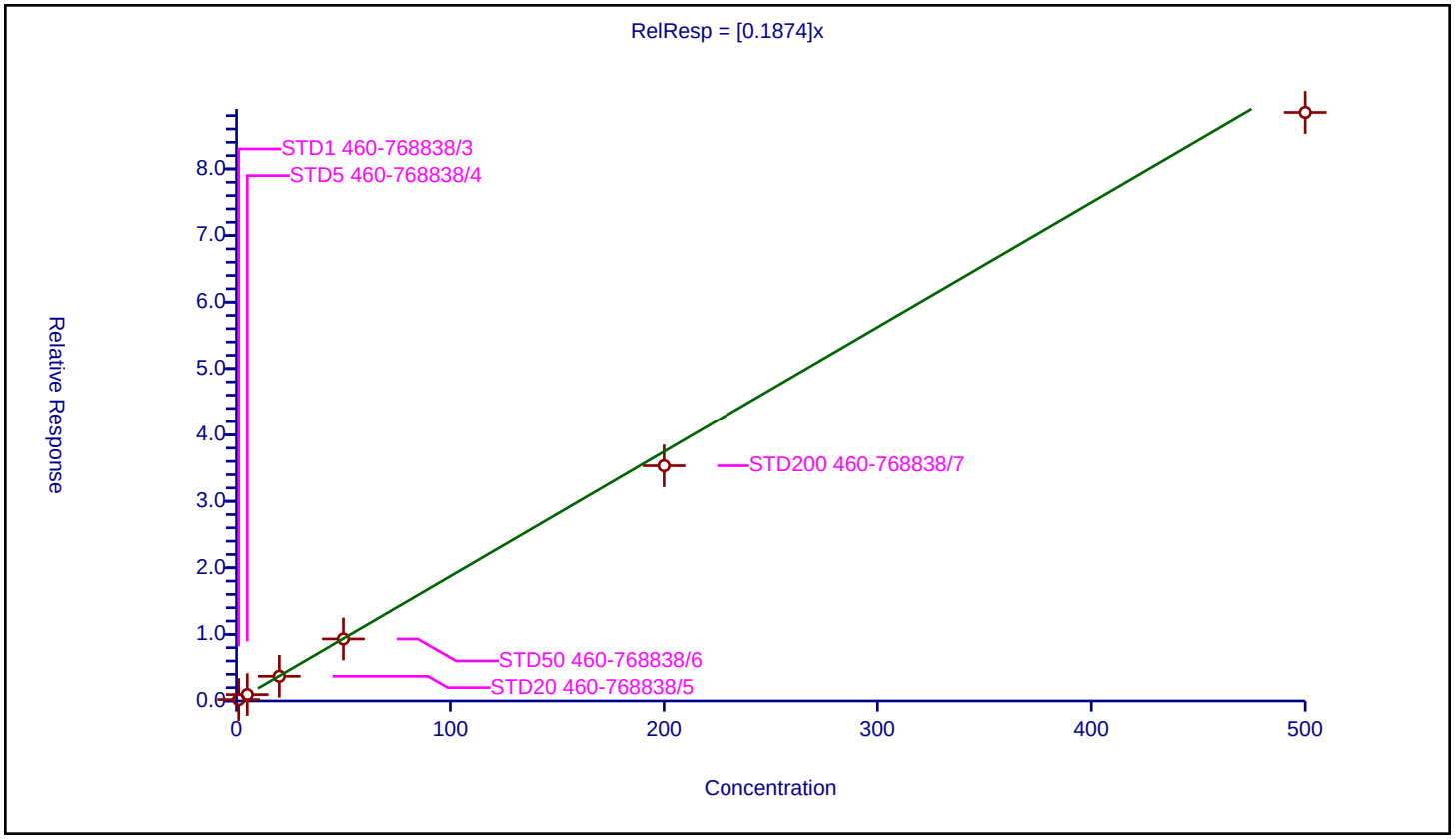
Curve Coefficients

Intercept:	0
Slope:	0.1874

Error Coefficients

Standard Error:	681000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.20786	50.0	610989.0	0.20786	Y
2	STD5 460-768838/4	5.0	0.956474	50.0	629447.0	0.191295	Y
3	STD20 460-768838/5	20.0	3.705988	50.0	665693.0	0.185299	Y
4	STD50 460-768838/6	50.0	9.312077	50.0	680847.0	0.186242	Y
5	STD200 460-768838/7	200.0	35.343749	50.0	756933.0	0.176719	Y
6	STD500 460-768838/8	500.0	88.475232	50.0	802194.0	0.17695	Y



Calibration / Ethanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

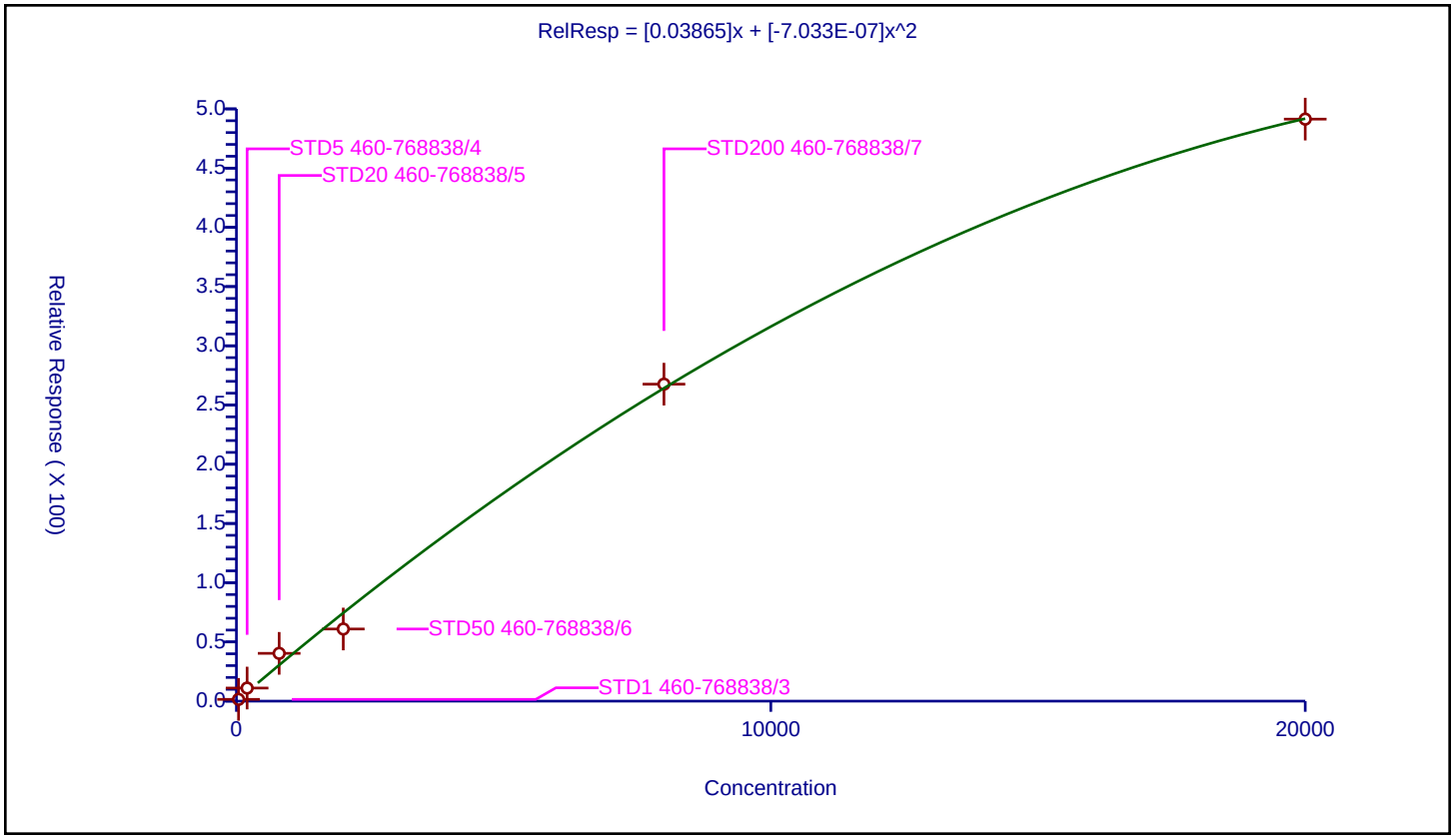
Curve Coefficients

Intercept:	0
Slope:	0.03865
Second Order:	-7.033E-07

Error Coefficients

Standard Error:	196000
Relative Standard Error:	29.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	40.0	1.498266	1000.0	555976.0	0.037457	Y
2	STD5 460-768838/4	200.0	11.056299	1000.0	590704.0	0.055281	Y
3	STD20 460-768838/5	800.0	40.350911	1000.0	676639.0	0.050439	Y
4	STD50 460-768838/6	2000.0	60.899271	1000.0	768400.0	0.03045	Y
5	STD200 460-768838/7	8000.0	267.606983	1000.0	762297.0	0.033451	Y
6	STD500 460-768838/8	20000.0	491.358995	1000.0	674690.0	0.024568	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

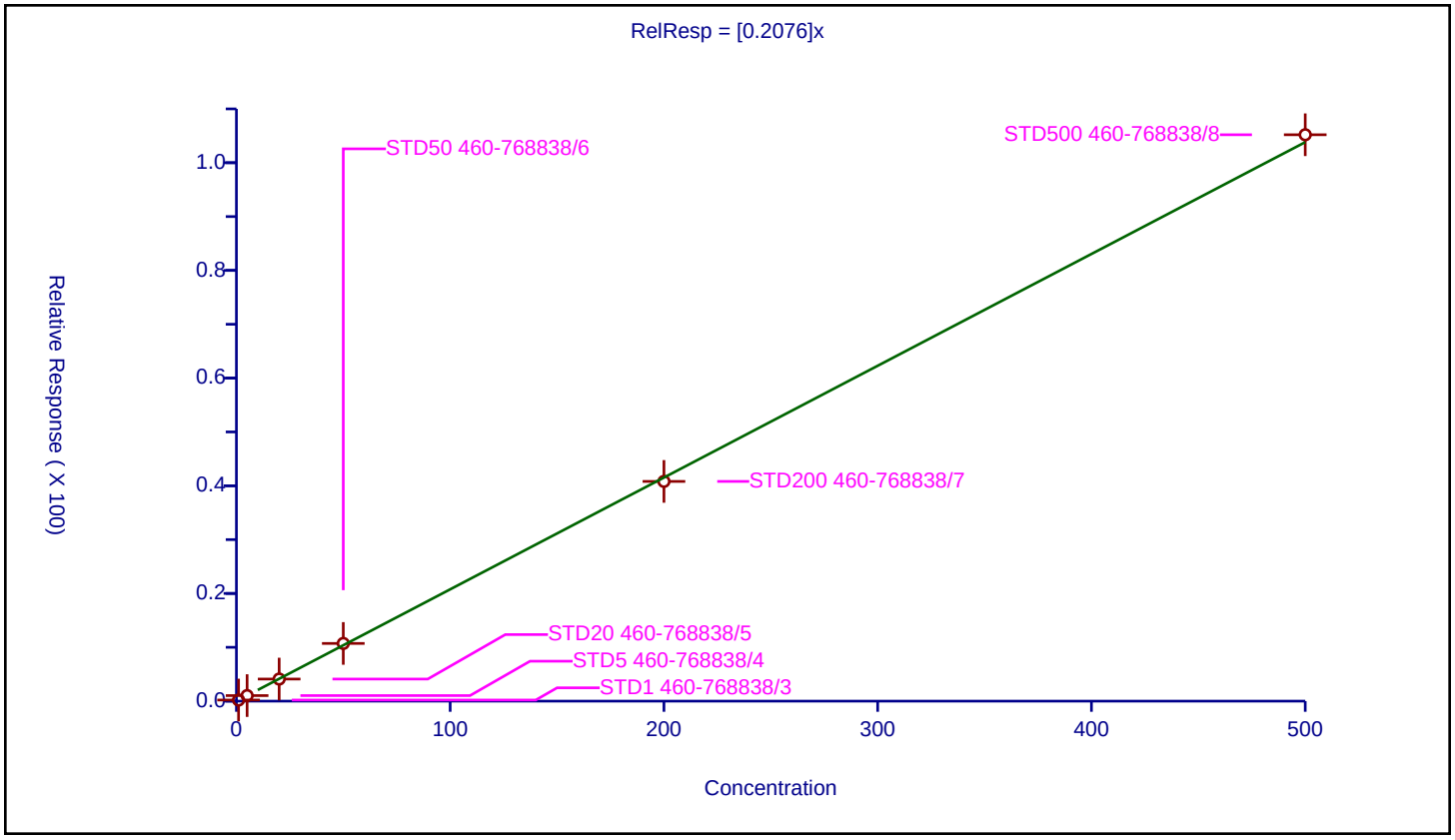
Curve Coefficients

Intercept:	0
Slope:	0.2076

Error Coefficients

Standard Error:	807000
Relative Standard Error:	1.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.205814	50.0	610989.0	0.205814	Y
2	STD5 460-768838/4	5.0	1.029555	50.0	629447.0	0.205911	Y
3	STD20 460-768838/5	20.0	4.105496	50.0	665693.0	0.205275	Y
4	STD50 460-768838/6	50.0	10.717826	50.0	680847.0	0.214357	Y
5	STD200 460-768838/7	200.0	40.80916	50.0	756933.0	0.204046	Y
6	STD500 460-768838/8	500.0	105.197621	50.0	802194.0	0.210395	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

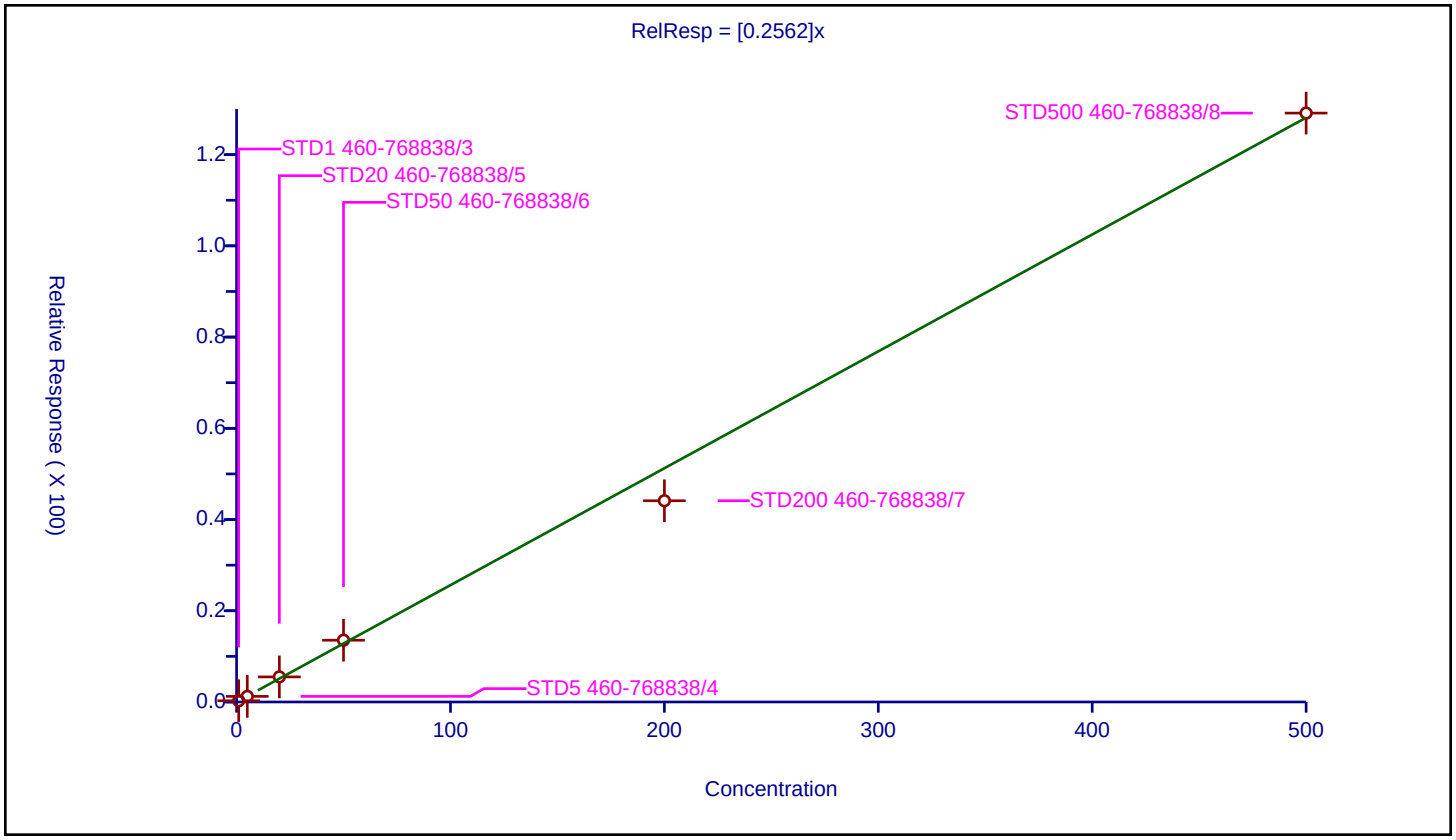
Curve Coefficients

Intercept:	0
Slope:	0.2562

Error Coefficients

Standard Error:	977000
Relative Standard Error:	7.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.266044	50.0	610989.0	0.266044	Y
2	STD5 460-768838/4	5.0	1.233464	50.0	629447.0	0.246693	Y
3	STD20 460-768838/5	20.0	5.496603	50.0	665693.0	0.27483	Y
4	STD50 460-768838/6	50.0	13.545334	50.0	680847.0	0.270907	Y
5	STD200 460-768838/7	200.0	44.118304	50.0	756933.0	0.220592	Y
6	STD500 460-768838/8	500.0	129.10574	50.0	802194.0	0.258211	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

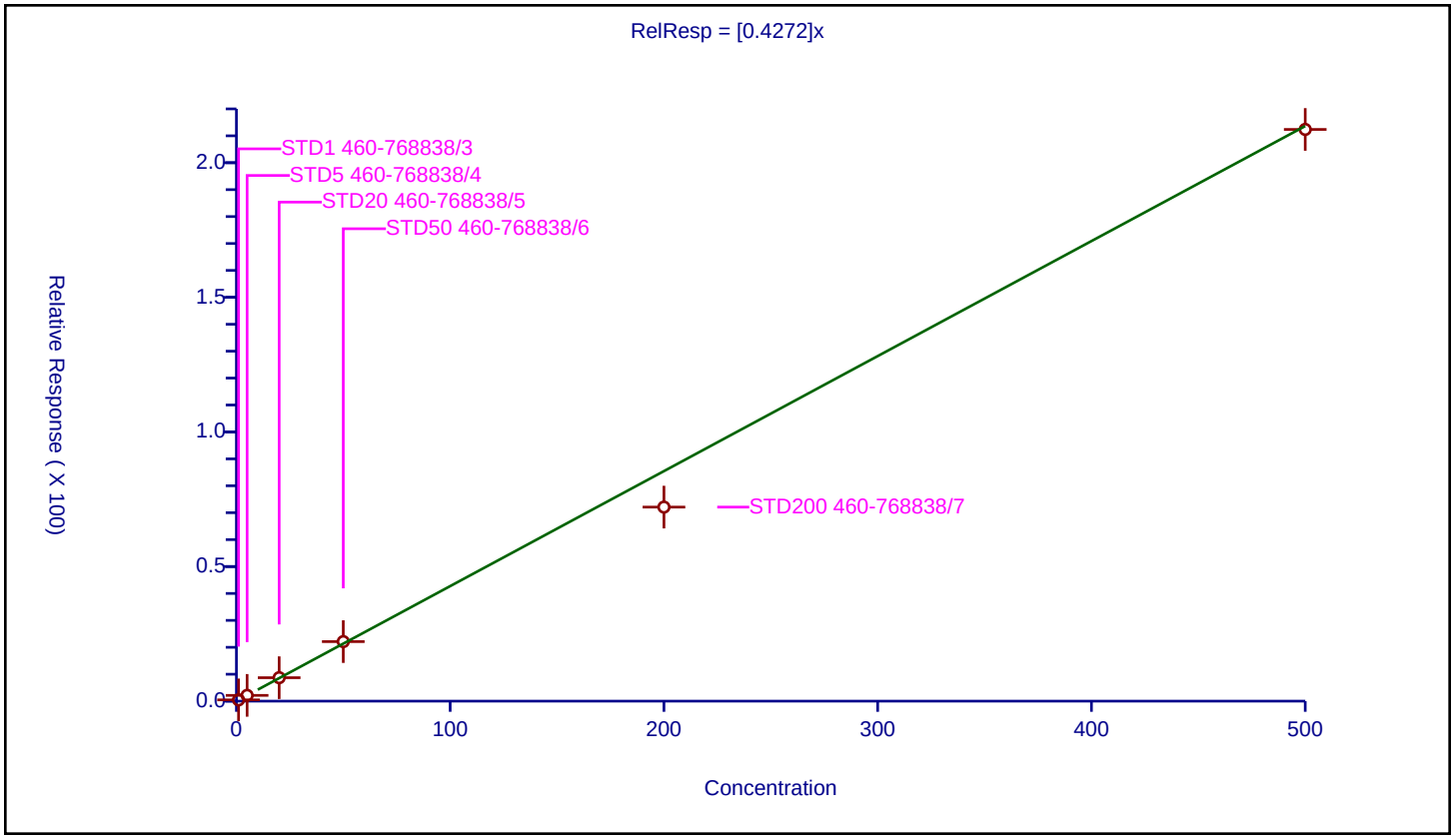
Curve Coefficients

Intercept:	0
Slope:	0.4272

Error Coefficients

Standard Error:	1610000
Relative Standard Error:	8.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.470958	50.0	610989.0	0.470958	Y
2	STD5 460-768838/4	5.0	2.146487	50.0	629447.0	0.429297	Y
3	STD20 460-768838/5	20.0	8.712049	50.0	665693.0	0.435602	Y
4	STD50 460-768838/6	50.0	22.12149	50.0	680847.0	0.44243	Y
5	STD200 460-768838/7	200.0	72.081347	50.0	756933.0	0.360407	Y
6	STD500 460-768838/8	500.0	212.35817	50.0	802194.0	0.424716	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

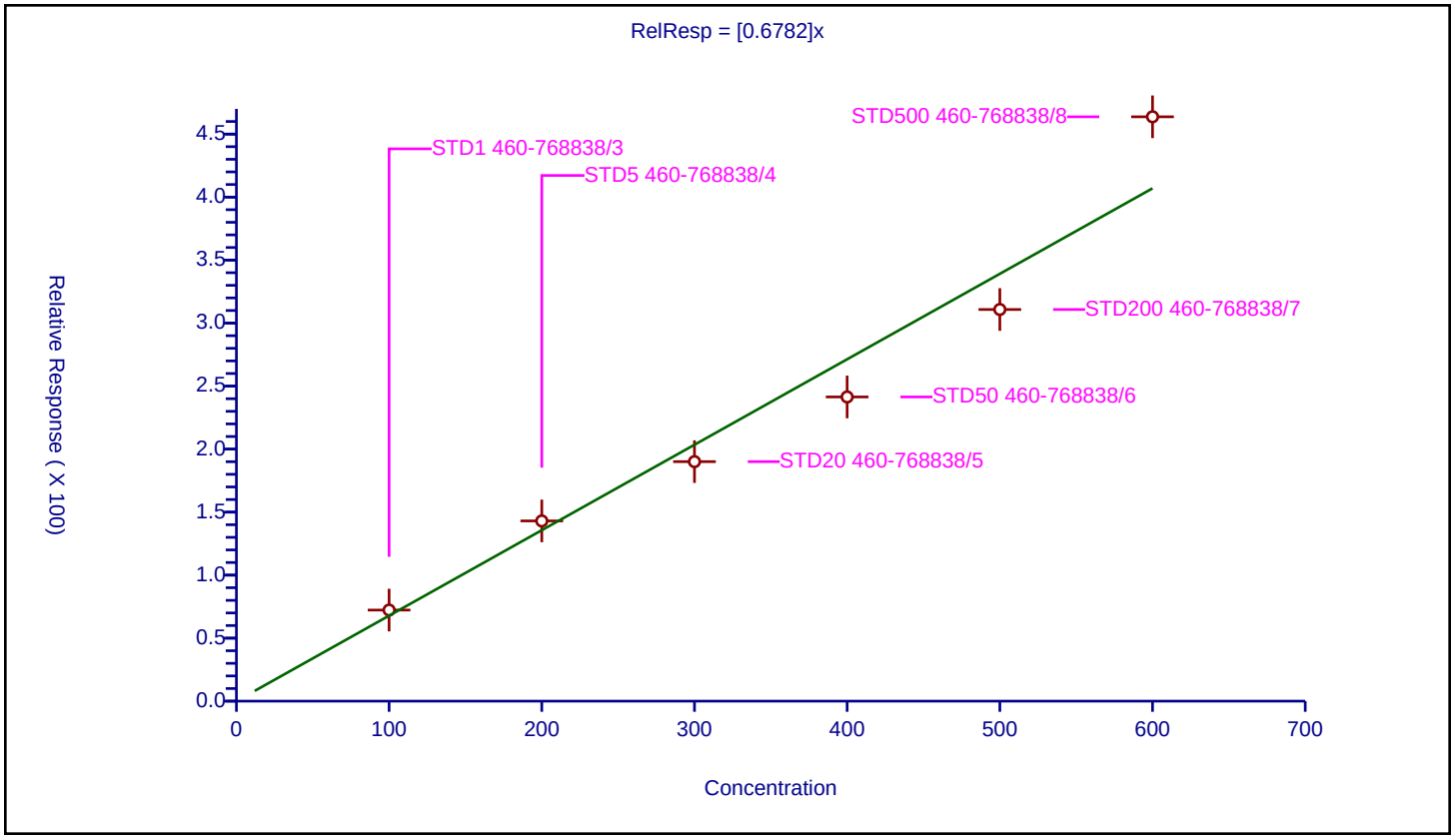
Curve Coefficients

Intercept:	0
Slope:	0.6782

Error Coefficients

Standard Error:	206000
Relative Standard Error:	10.0
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	100.00041	72.280098	1000.0	555976.0	0.722798	Y
2	STD5 460-768838/4	200.00082	143.015791	1000.0	590704.0	0.715076	Y
3	STD20 460-768838/5	300.00123	190.0792	1000.0	676639.0	0.633595	Y
4	STD50 460-768838/6	400.00164	241.404217	1000.0	768400.0	0.603508	Y
5	STD200 460-768838/7	500.00205	310.802745	1000.0	762297.0	0.621603	Y
6	STD500 460-768838/8	600.00246	463.728527	1000.0	674690.0	0.772878	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

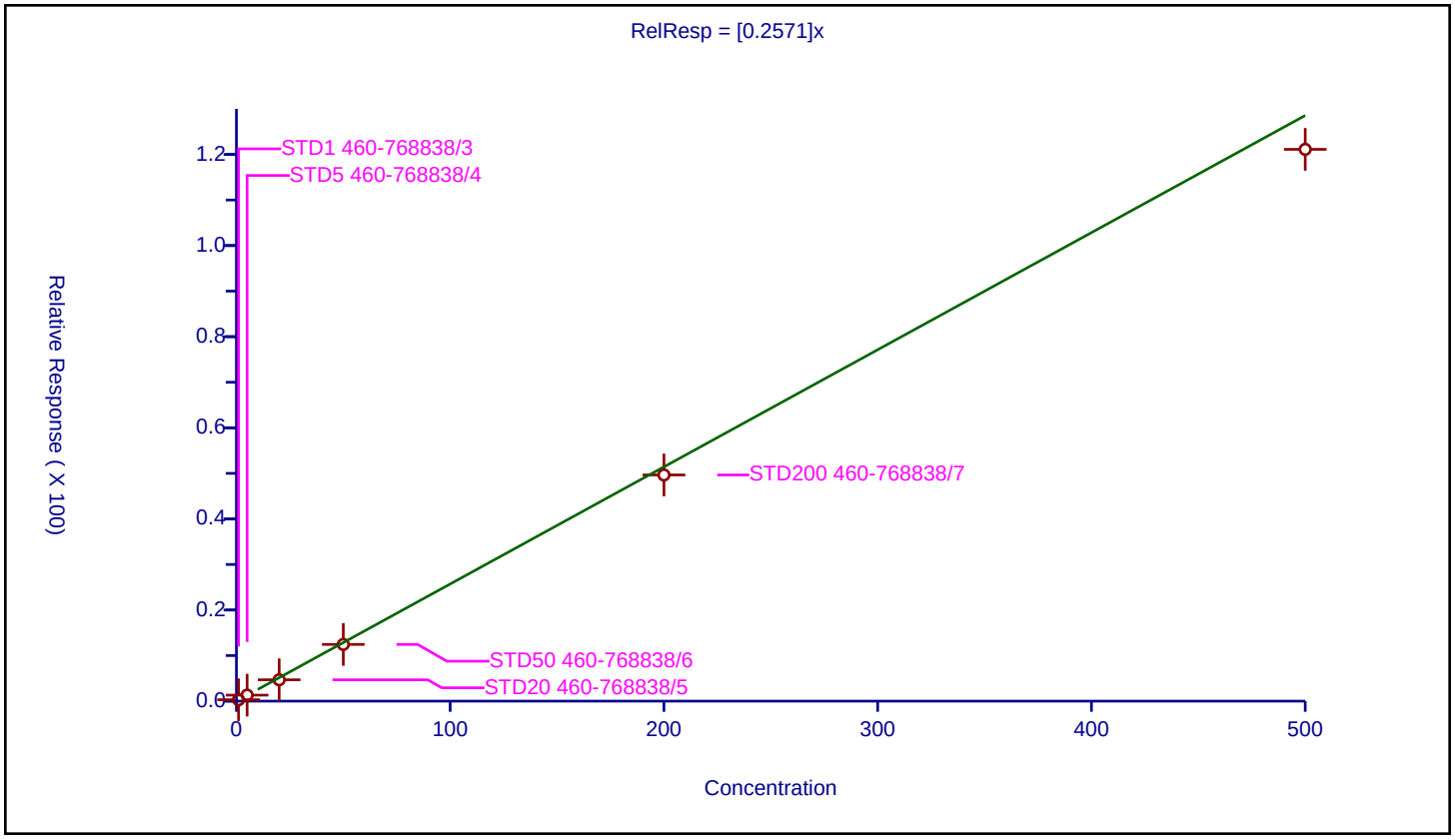
Curve Coefficients

Intercept:	0
Slope:	0.2571

Error Coefficients

Standard Error:	935000
Relative Standard Error:	9.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.304915	50.0	610989.0	0.304915	Y
2	STD5 460-768838/4	5.0	1.319968	50.0	629447.0	0.263994	Y
3	STD20 460-768838/5	20.0	4.684517	50.0	665693.0	0.234226	Y
4	STD50 460-768838/6	50.0	12.452063	50.0	680847.0	0.249041	Y
5	STD200 460-768838/7	200.0	49.648714	50.0	756933.0	0.248244	Y
6	STD500 460-768838/8	500.0	121.119206	50.0	802194.0	0.242238	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

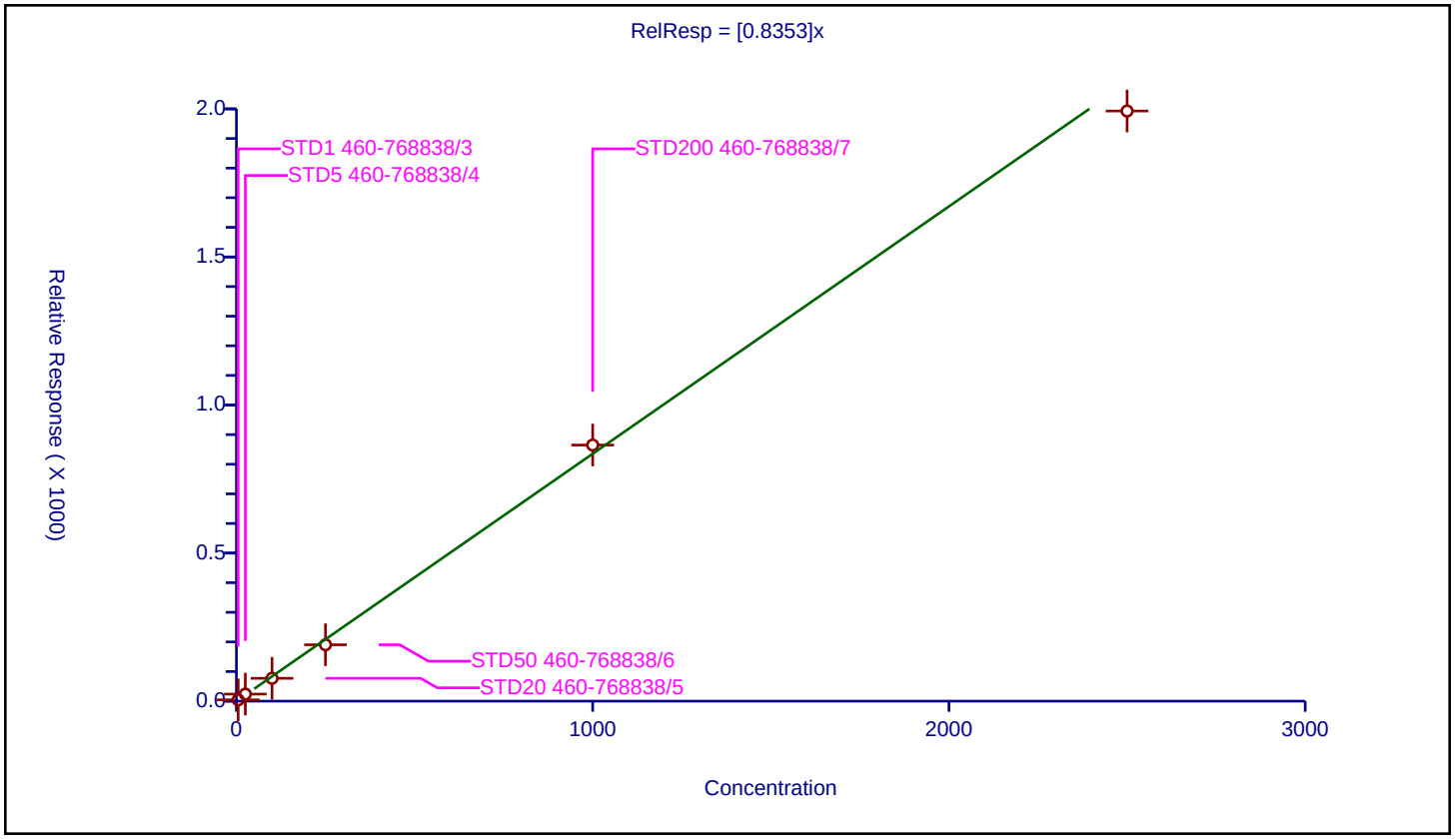
Curve Coefficients

Intercept:	0
Slope:	0.8353

Error Coefficients

Standard Error:	1900000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	5.0	4.325639	250.0	317063.0	0.865128	Y
2	STD5 460-768838/4	25.0	23.79925	250.0	337206.0	0.95197	Y
3	STD20 460-768838/5	100.0	77.144409	250.0	389338.0	0.771444	Y
4	STD50 460-768838/6	250.0	190.386479	250.0	415883.0	0.761546	Y
5	STD200 460-768838/7	1000.0	864.814189	250.0	440932.0	0.864814	Y
6	STD500 460-768838/8	2500.0	1992.802673	250.0	494767.0	0.797121	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

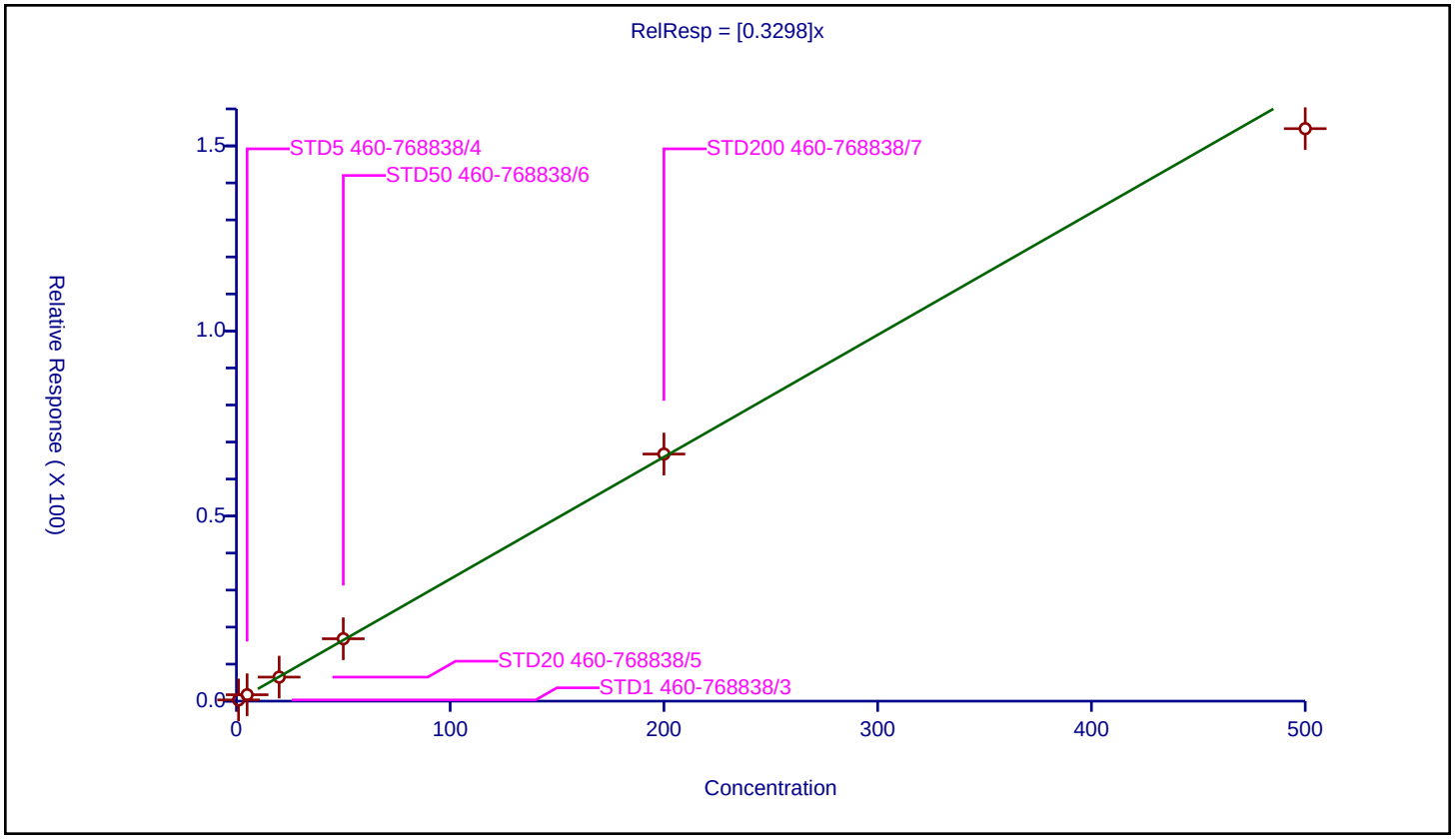
Curve Coefficients

Intercept:	0
Slope:	0.3298

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.327502	50.0	610989.0	0.327502	Y
2	STD5 460-768838/4	5.0	1.733347	50.0	629447.0	0.346669	Y
3	STD20 460-768838/5	20.0	6.492257	50.0	665693.0	0.324613	Y
4	STD50 460-768838/6	50.0	16.851877	50.0	680847.0	0.337038	Y
5	STD200 460-768838/7	200.0	66.7532	50.0	756933.0	0.333766	Y
6	STD500 460-768838/8	500.0	154.6581	50.0	802194.0	0.309316	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

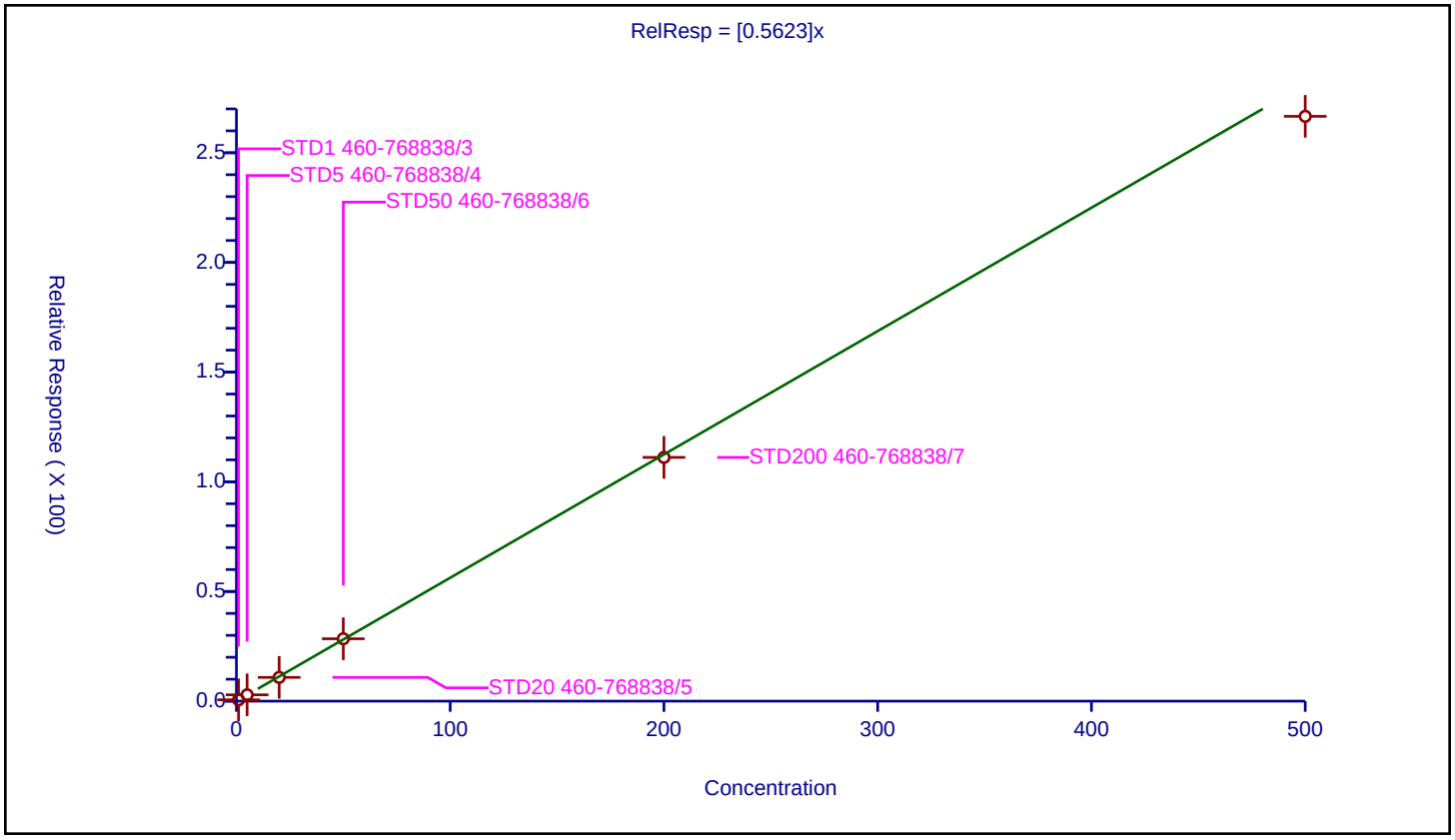
Curve Coefficients

Intercept:	0
Slope:	0.5623

Error Coefficients

Standard Error:	2060000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.598947	50.0	610989.0	0.598947	Y
2	STD5 460-768838/4	5.0	2.882848	50.0	629447.0	0.57657	Y
3	STD20 460-768838/5	20.0	10.821655	50.0	665693.0	0.541083	Y
4	STD50 460-768838/6	50.0	28.426871	50.0	680847.0	0.568537	Y
5	STD200 460-768838/7	200.0	111.118223	50.0	756933.0	0.555591	Y
6	STD500 460-768838/8	500.0	266.610384	50.0	802194.0	0.533221	Y



Calibration / Isopropyl alcohol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

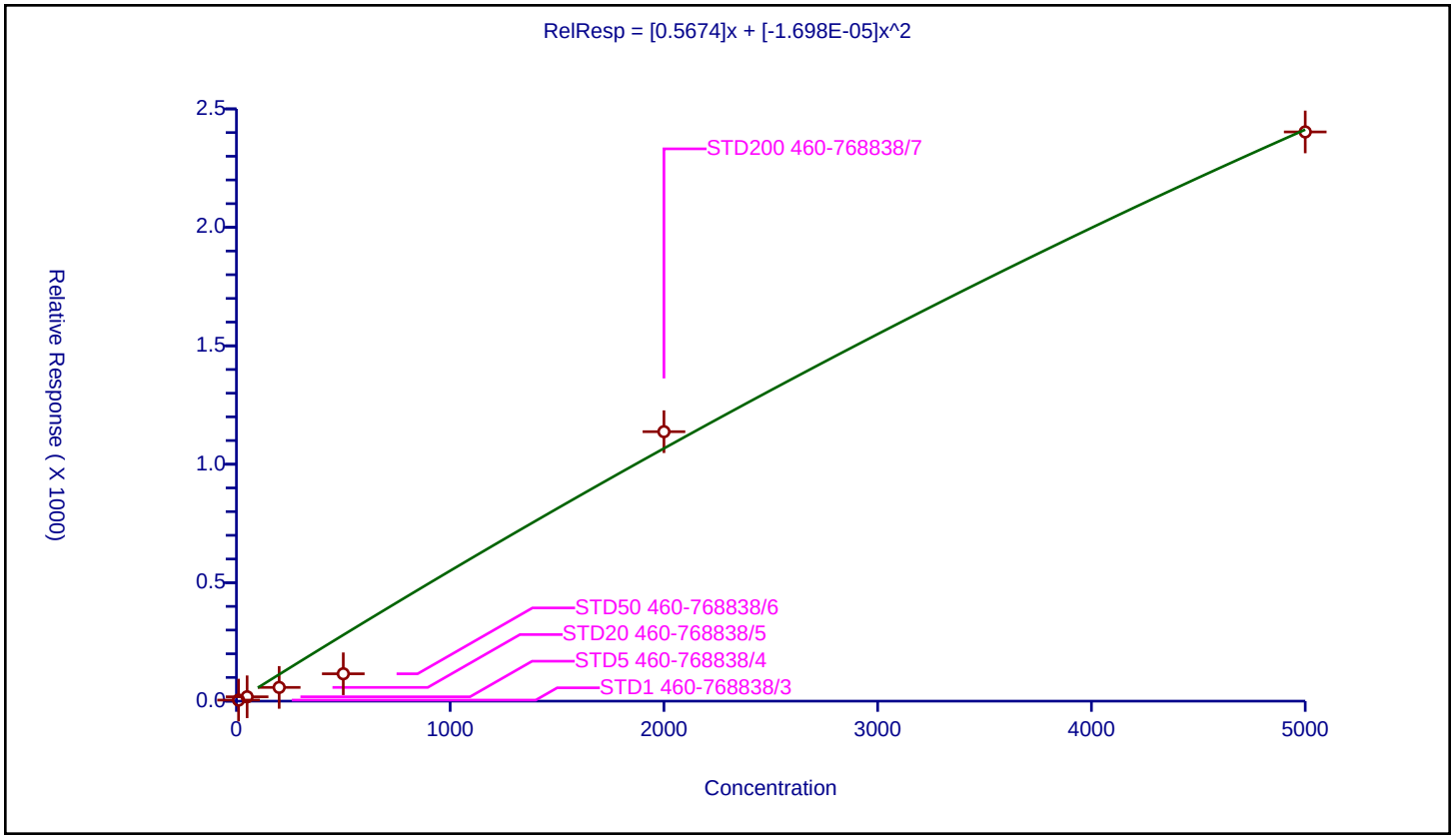
Curve Coefficients

Intercept:	0
Slope:	0.5674
Second Order:	-1.698E-05

Error Coefficients

Standard Error:	919000
Relative Standard Error:	43.8
Correlation Coefficient:	0.986
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	10.0	4.394075	1000.0	555976.0	0.439407	Y
2	STD5 460-768838/4	50.0	18.367914	1000.0	590704.0	0.367358	Y
3	STD20 460-768838/5	200.0	57.945226	1000.0	676639.0	0.289726	Y
4	STD50 460-768838/6	500.0	115.475013	1000.0	768400.0	0.23095	Y
5	STD200 460-768838/7	2000.0	1137.483159	1000.0	762297.0	0.568742	Y
6	STD500 460-768838/8	5000.0	2402.793876	1000.0	674690.0	0.480559	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

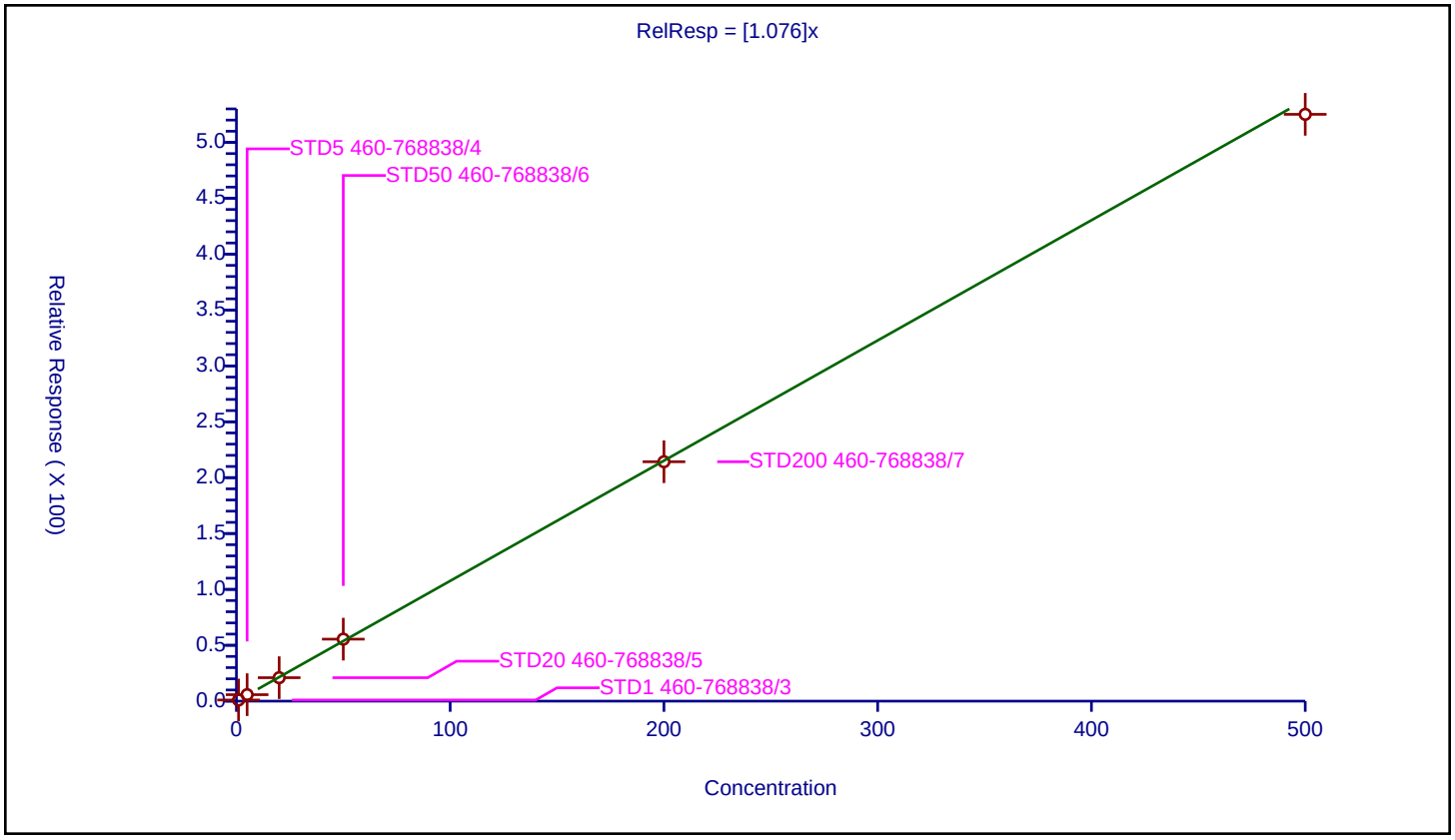
Curve Coefficients

Intercept:	0
Slope:	1.076

Error Coefficients

Standard Error:	4050000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.020395	50.0	610989.0	1.020395	Y
2	STD5 460-768838/4	5.0	5.777214	50.0	629447.0	1.155443	Y
3	STD20 460-768838/5	20.0	20.975284	50.0	665693.0	1.048764	Y
4	STD50 460-768838/6	50.0	55.480233	50.0	680847.0	1.109605	Y
5	STD200 460-768838/7	200.0	214.229793	50.0	756933.0	1.071149	Y
6	STD500 460-768838/8	500.0	525.142921	50.0	802194.0	1.050286	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

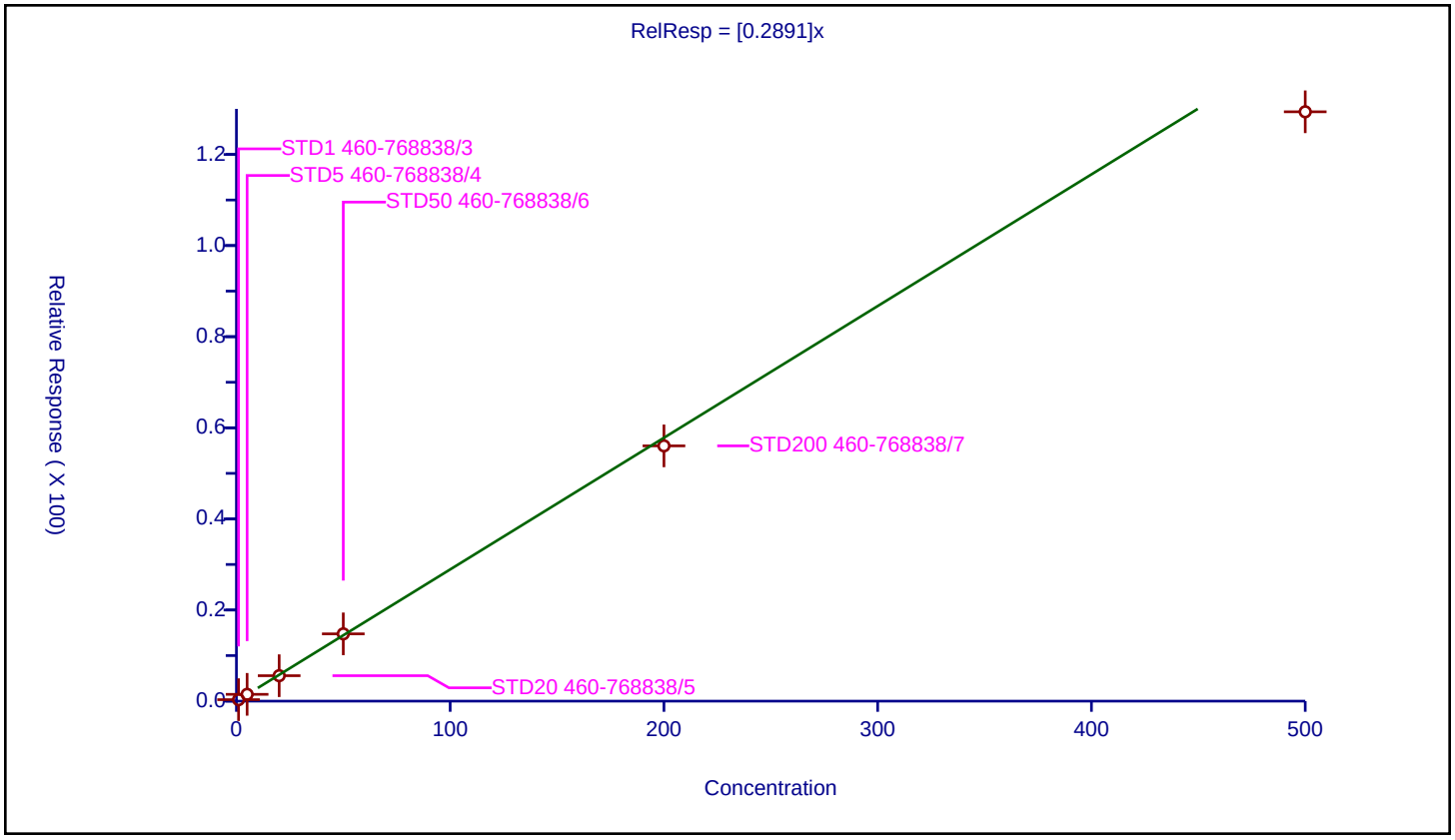
Curve Coefficients

Intercept:	0
Slope:	0.2891

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.321528	50.0	610989.0	0.321528	Y
2	STD5 460-768838/4	5.0	1.496313	50.0	629447.0	0.299263	Y
3	STD20 460-768838/5	20.0	5.58711	50.0	665693.0	0.279355	Y
4	STD50 460-768838/6	50.0	14.767855	50.0	680847.0	0.295357	Y
5	STD200 460-768838/7	200.0	56.033955	50.0	756933.0	0.28017	Y
6	STD500 460-768838/8	500.0	129.363845	50.0	802194.0	0.258728	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

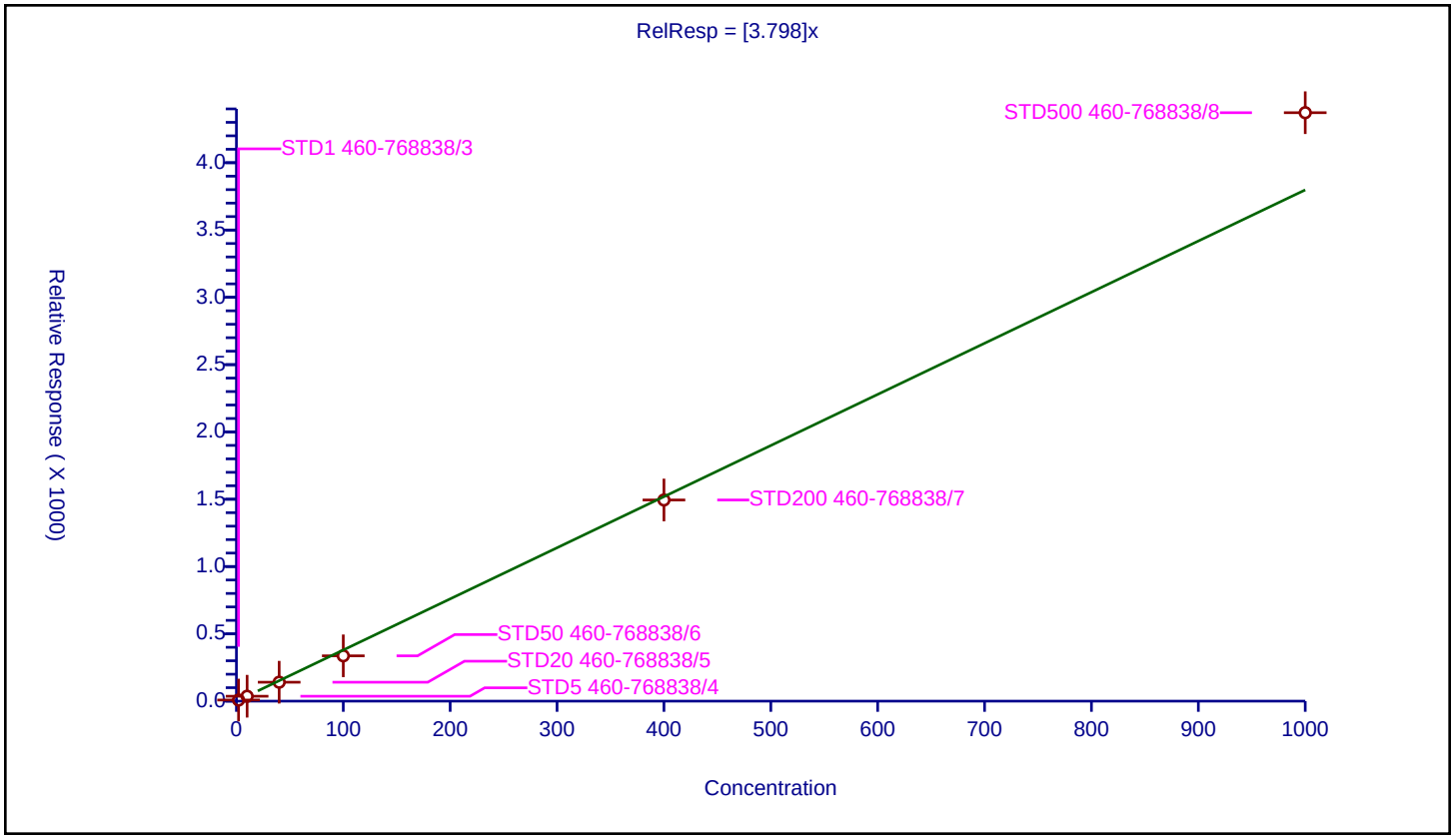
Curve Coefficients

Intercept:	0
Slope:	3.798

Error Coefficients

Standard Error:	1420000
Relative Standard Error:	10.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	2.0	8.293523	1000.0	555976.0	4.146762	Y
2	STD5 460-768838/4	10.0	36.515751	1000.0	590704.0	3.651575	Y
3	STD20 460-768838/5	40.0	140.659938	1000.0	676639.0	3.516498	Y
4	STD50 460-768838/6	100.0	336.652785	1000.0	768400.0	3.366528	Y
5	STD200 460-768838/7	400.0	1494.35981	1000.0	762297.0	3.7359	Y
6	STD500 460-768838/8	1000.0	4371.674399	1000.0	674690.0	4.371674	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

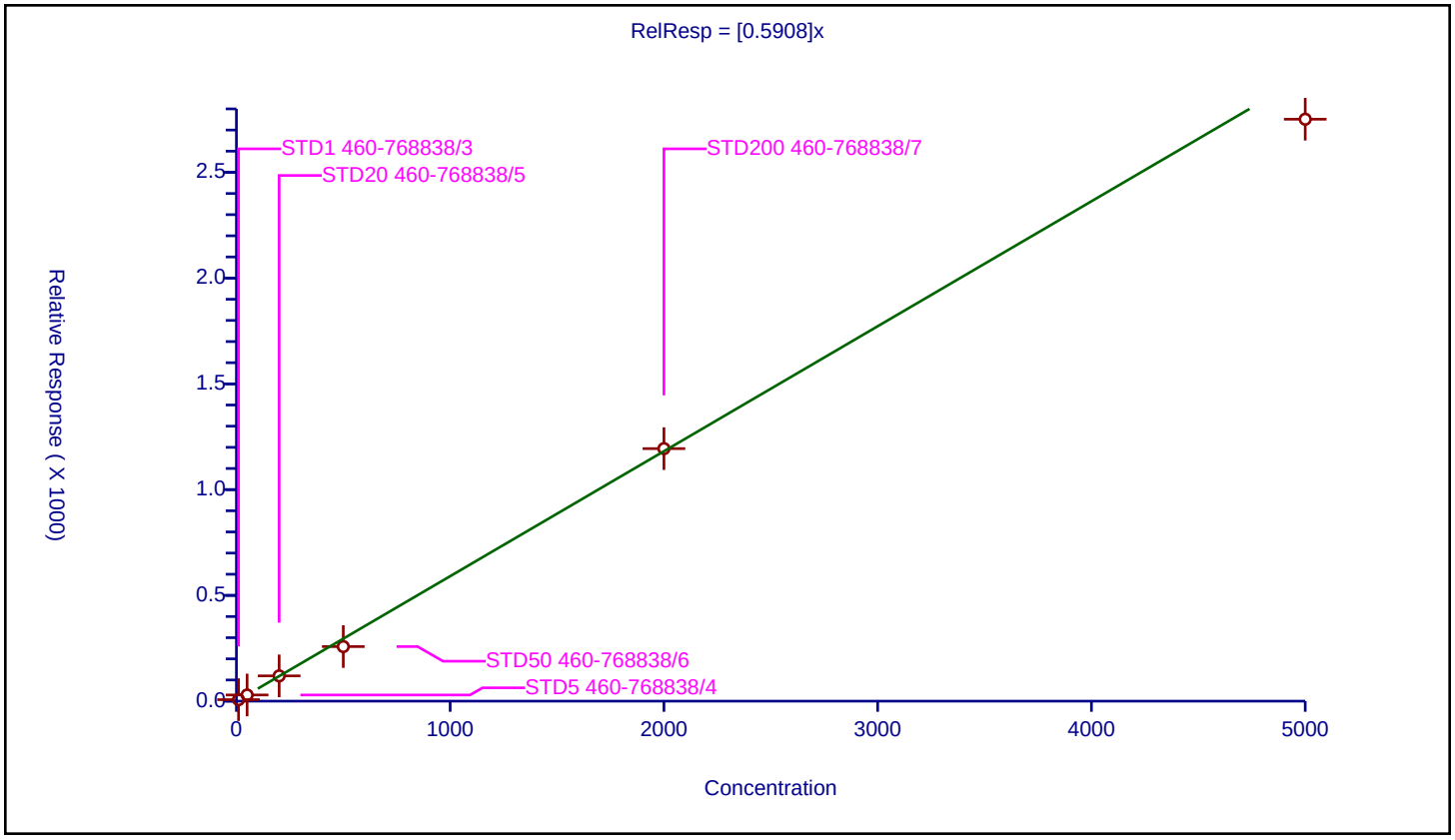
Curve Coefficients

Intercept:	0
Slope:	0.5908

Error Coefficients

Standard Error:	928000
Relative Standard Error:	10.6
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	10.0	7.020087	1000.0	555976.0	0.702009	Y
2	STD5 460-768838/4	50.0	29.126263	1000.0	590704.0	0.582525	Y
3	STD20 460-768838/5	200.0	119.409316	1000.0	676639.0	0.597047	Y
4	STD50 460-768838/6	500.0	257.98152	1000.0	768400.0	0.515963	Y
5	STD200 460-768838/7	2000.0	1193.878501	1000.0	762297.0	0.596939	Y
6	STD500 460-768838/8	5000.0	2751.119774	1000.0	674690.0	0.550224	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

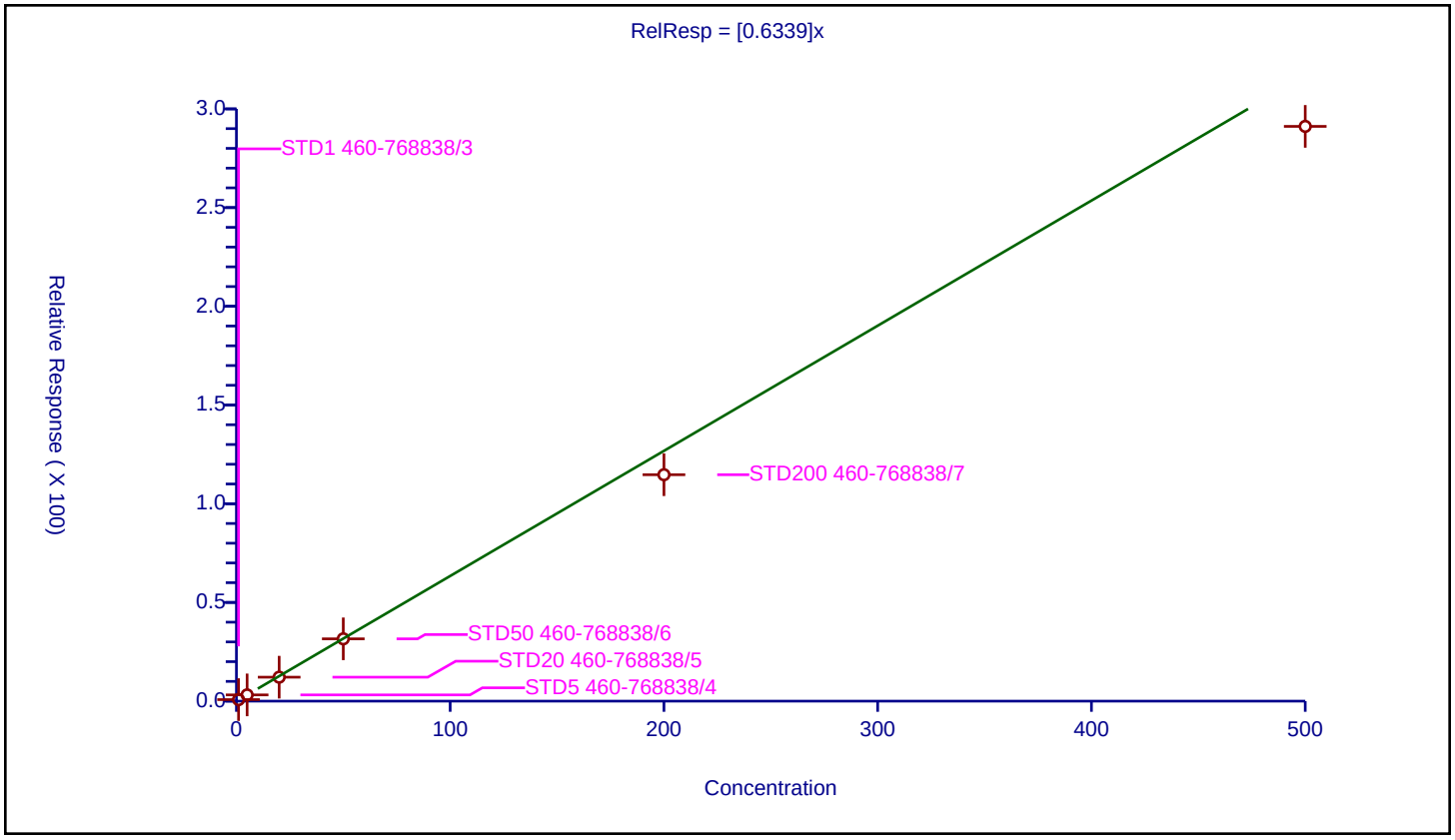
Curve Coefficients

Intercept:	0
Slope:	0.6339

Error Coefficients

Standard Error:	2240000
Relative Standard Error:	11.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.775873	50.0	610989.0	0.775873	Y
2	STD5 460-768838/4	5.0	3.169131	50.0	629447.0	0.633826	Y
3	STD20 460-768838/5	20.0	12.132319	50.0	665693.0	0.606616	Y
4	STD50 460-768838/6	50.0	31.562671	50.0	680847.0	0.631253	Y
5	STD200 460-768838/7	200.0	114.693441	50.0	756933.0	0.573467	Y
6	STD500 460-768838/8	500.0	291.137306	50.0	802194.0	0.582275	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

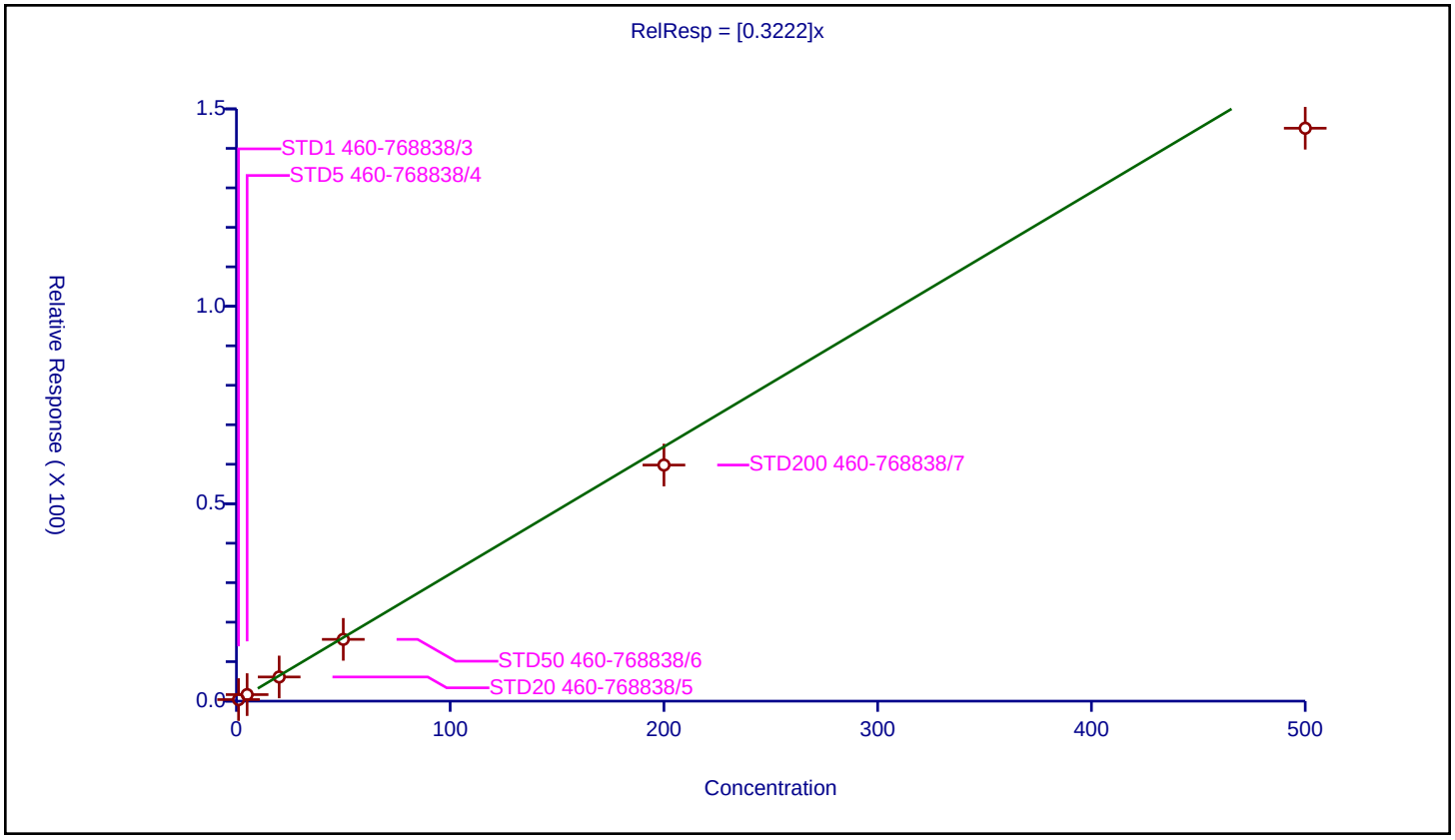
Curve Coefficients

Intercept:	0
Slope:	0.3222

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.394197	50.0	610989.0	0.394197	Y
2	STD5 460-768838/4	5.0	1.653674	50.0	629447.0	0.330735	Y
3	STD20 460-768838/5	20.0	6.123018	50.0	665693.0	0.306151	Y
4	STD50 460-768838/6	50.0	15.647128	50.0	680847.0	0.312943	Y
5	STD200 460-768838/7	200.0	59.79631	50.0	756933.0	0.298982	Y
6	STD500 460-768838/8	500.0	145.103055	50.0	802194.0	0.290206	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

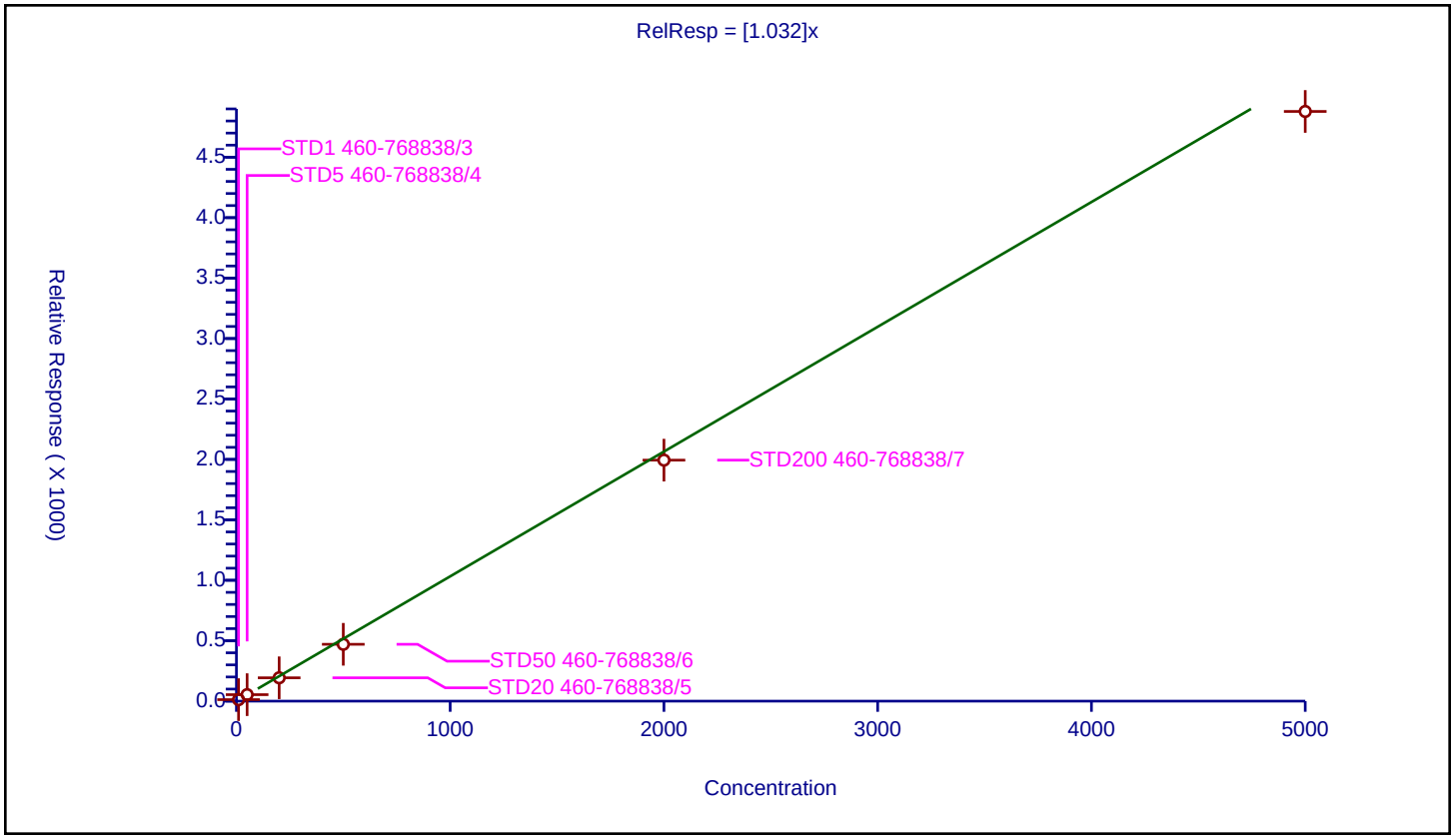
Curve Coefficients

Intercept:	0
Slope:	1.032

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	10.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	10.0	12.39442	1000.0	555976.0	1.239442	Y
2	STD5 460-768838/4	50.0	53.75281	1000.0	590704.0	1.075056	Y
3	STD20 460-768838/5	200.0	193.209378	1000.0	676639.0	0.966047	Y
4	STD50 460-768838/6	500.0	470.432067	1000.0	768400.0	0.940864	Y
5	STD200 460-768838/7	2000.0	1993.886897	1000.0	762297.0	0.996943	Y
6	STD500 460-768838/8	5000.0	4878.738384	1000.0	674690.0	0.975748	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

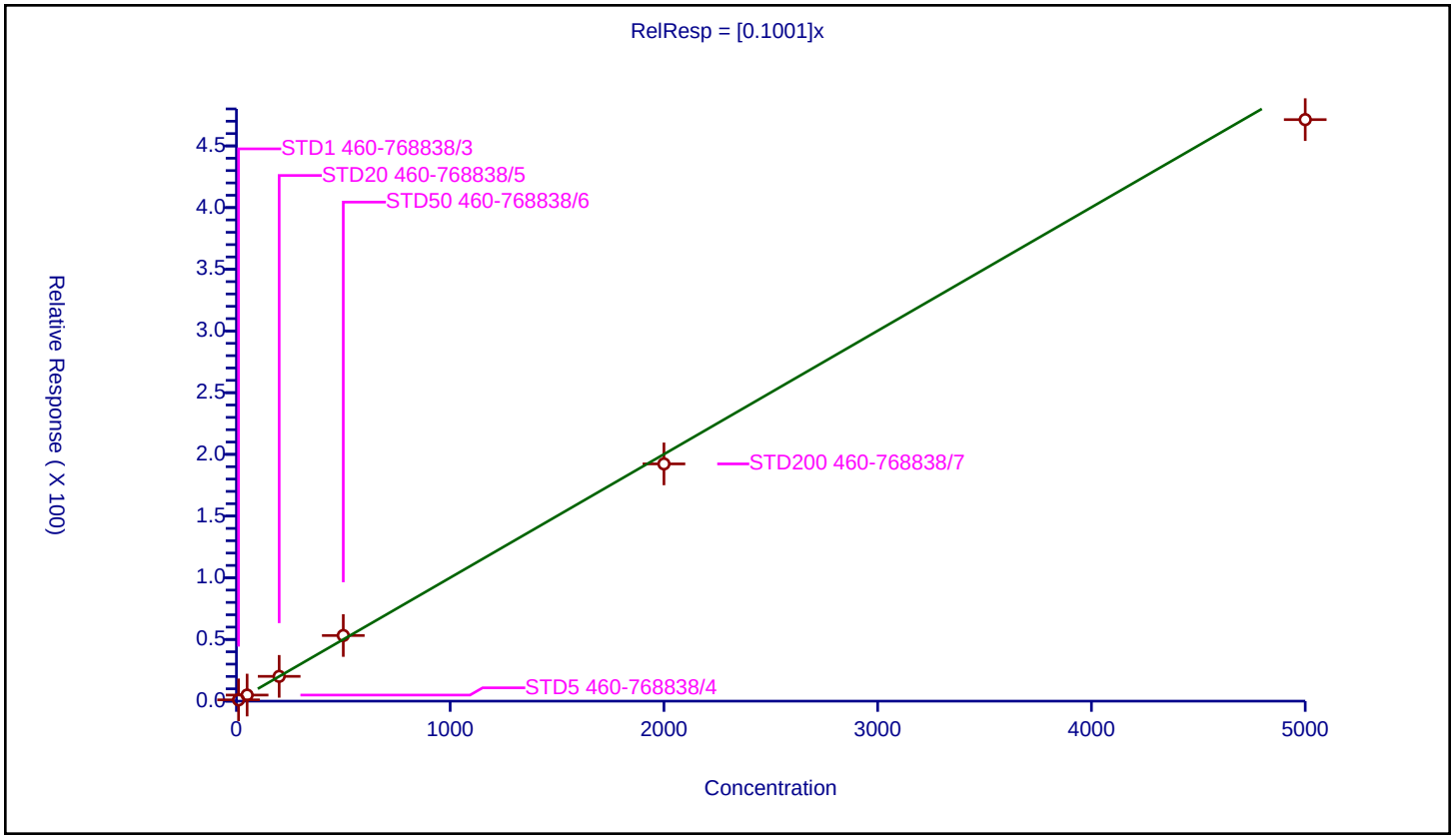
Curve Coefficients

Intercept:	0
Slope:	0.1001

Error Coefficients

Standard Error:	3640000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	10.0	1.045027	50.0	610989.0	0.104503	Y
2	STD5 460-768838/4	50.0	4.934172	50.0	629447.0	0.098683	Y
3	STD20 460-768838/5	200.0	20.076071	50.0	665693.0	0.10038	Y
4	STD50 460-768838/6	500.0	53.19903	50.0	680847.0	0.106398	Y
5	STD200 460-768838/7	2000.0	192.272235	50.0	756933.0	0.096136	Y
6	STD500 460-768838/8	5000.0	471.30345	50.0	802194.0	0.094261	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

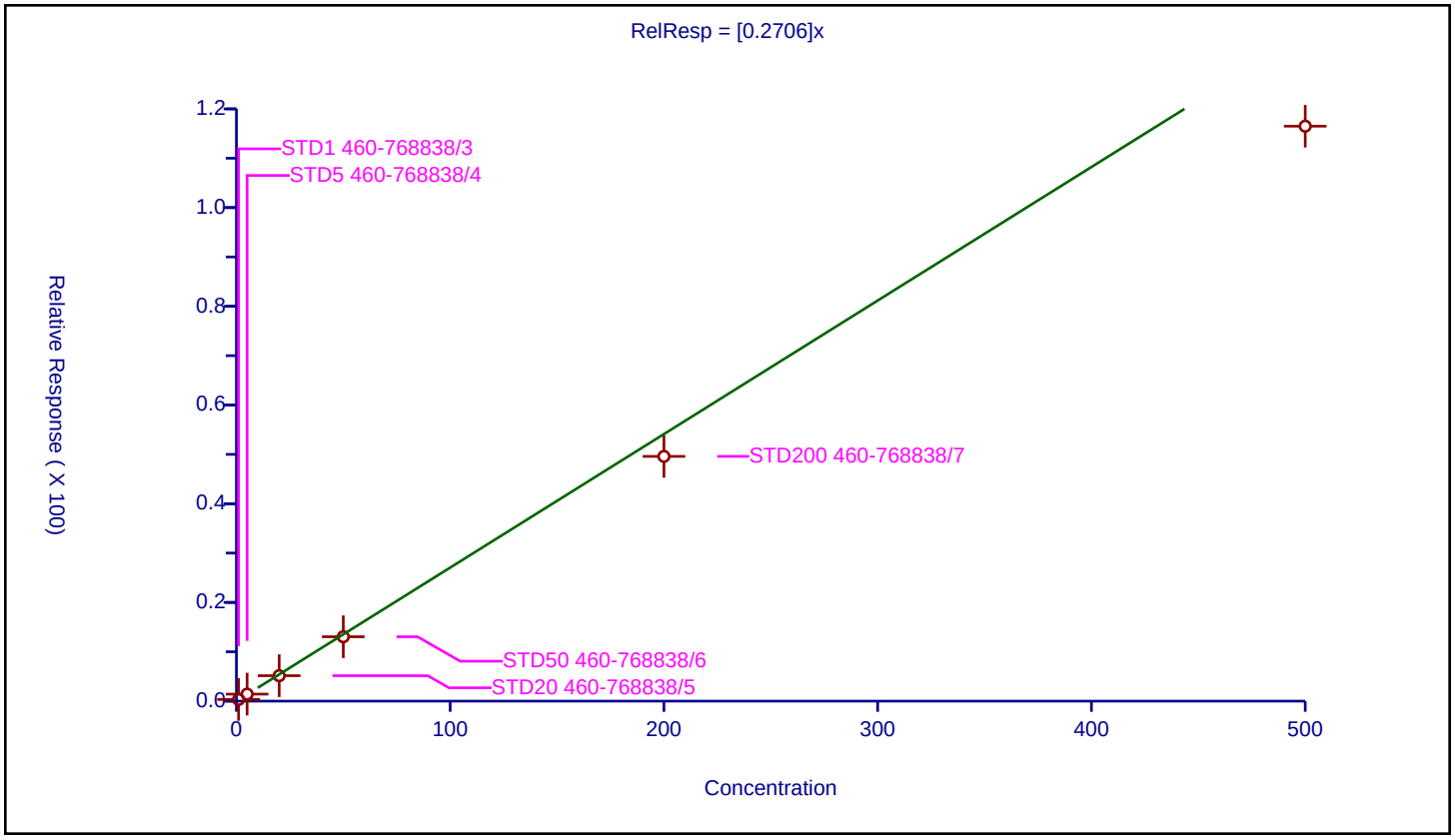
Curve Coefficients

Intercept:	0
Slope:	0.2706

Error Coefficients

Standard Error:	905000
Relative Standard Error:	13.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.339531	50.0	610989.0	0.339531	Y
2	STD5 460-768838/4	5.0	1.420691	50.0	629447.0	0.284138	Y
3	STD20 460-768838/5	20.0	5.155455	50.0	665693.0	0.257773	Y
4	STD50 460-768838/6	50.0	13.048233	50.0	680847.0	0.260965	Y
5	STD200 460-768838/7	200.0	49.592434	50.0	756933.0	0.247962	Y
6	STD500 460-768838/8	500.0	116.49763	50.0	802194.0	0.232995	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

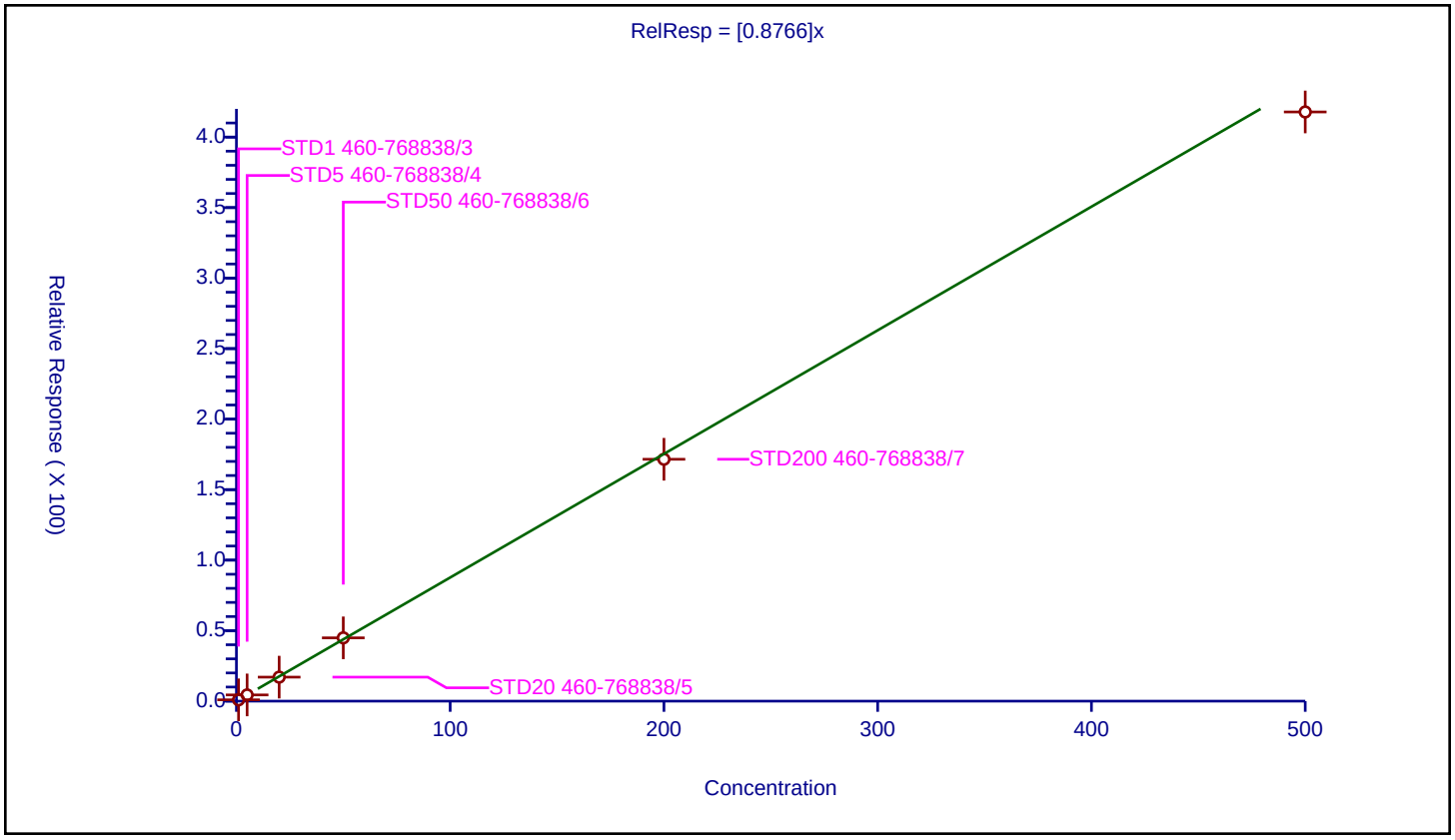
Curve Coefficients

Intercept:	0
Slope:	0.8766

Error Coefficients

Standard Error:	3230000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.935942	50.0	610989.0	0.935942	Y
2	STD5 460-768838/4	5.0	4.404183	50.0	629447.0	0.880837	Y
3	STD20 460-768838/5	20.0	17.034804	50.0	665693.0	0.85174	Y
4	STD50 460-768838/6	50.0	44.884901	50.0	680847.0	0.897698	Y
5	STD200 460-768838/7	200.0	171.532883	50.0	756933.0	0.857664	Y
6	STD500 460-768838/8	500.0	417.830101	50.0	802194.0	0.83566	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

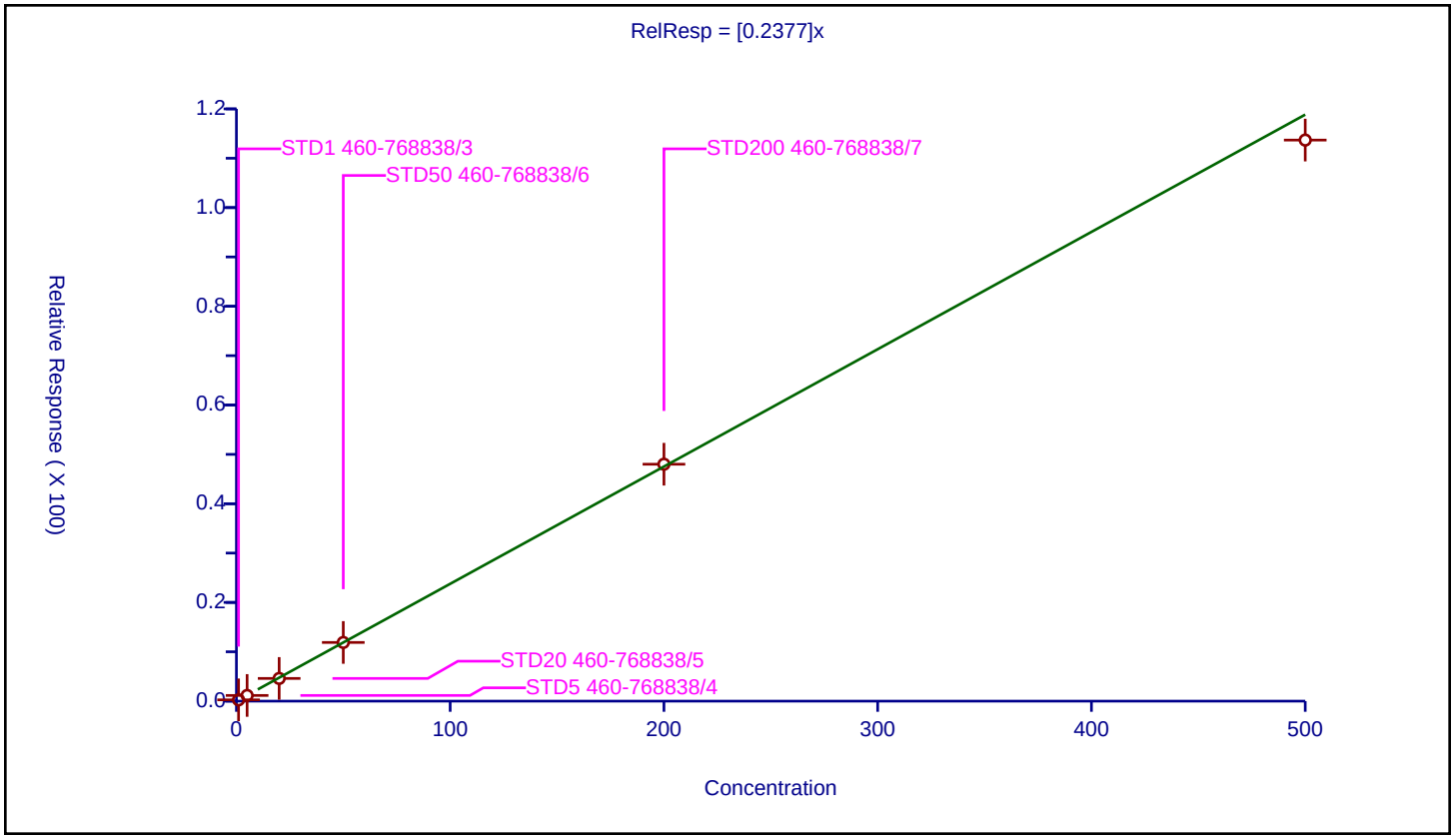
Curve Coefficients

Intercept:	0
Slope:	0.2377

Error Coefficients

Standard Error:	881000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.260397	50.0	610989.0	0.260397	Y
2	STD5 460-768838/4	5.0	1.15252	50.0	629447.0	0.230504	Y
3	STD20 460-768838/5	20.0	4.600018	50.0	665693.0	0.230001	Y
4	STD50 460-768838/6	50.0	11.888941	50.0	680847.0	0.237779	Y
5	STD200 460-768838/7	200.0	48.005372	50.0	756933.0	0.240027	Y
6	STD500 460-768838/8	500.0	113.679983	50.0	802194.0	0.22736	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

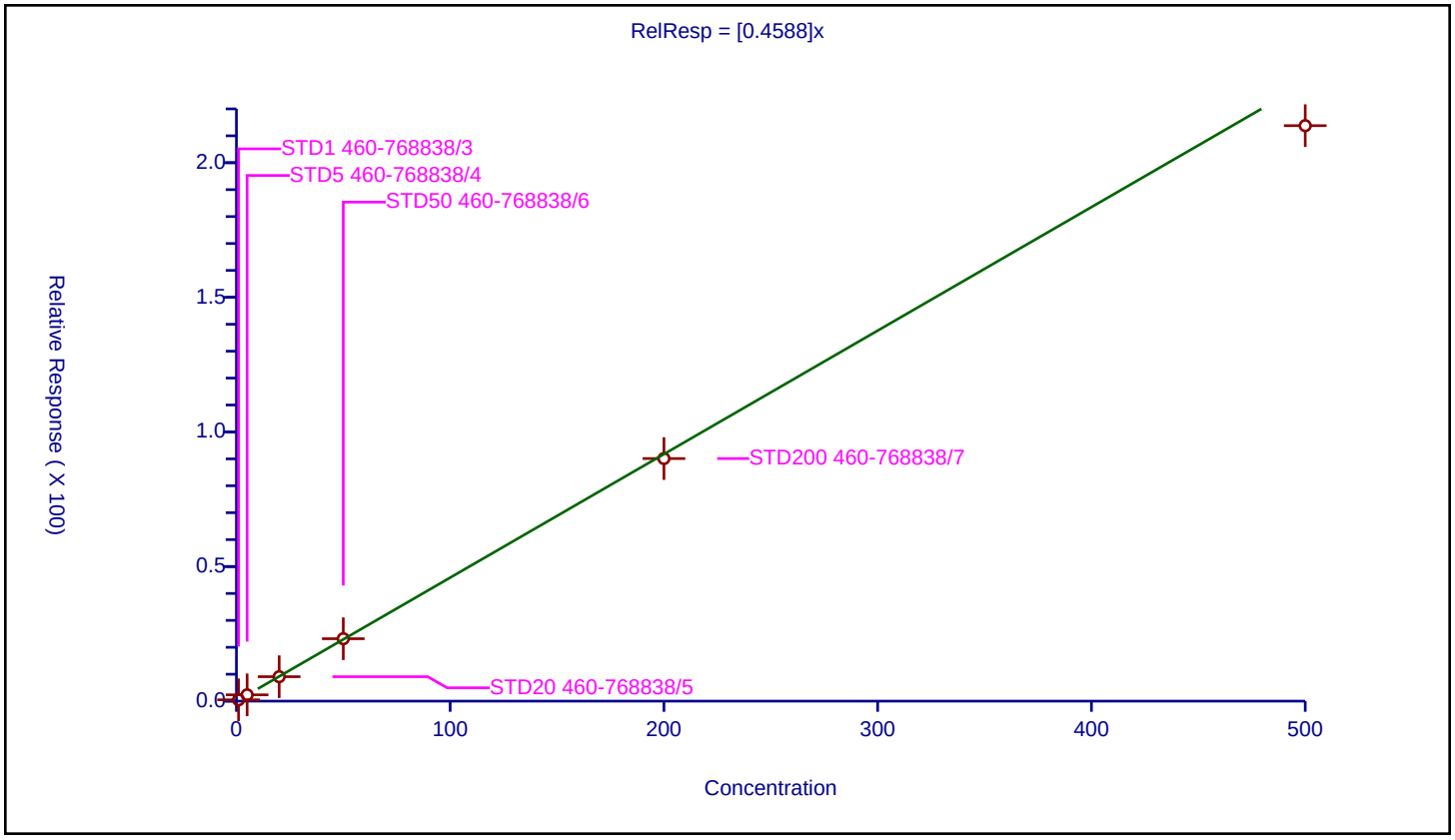
Curve Coefficients

Intercept:	0
Slope:	0.4588

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.490025	50.0	610989.0	0.490025	Y
2	STD5 460-768838/4	5.0	2.335304	50.0	629447.0	0.467061	Y
3	STD20 460-768838/5	20.0	9.077232	50.0	665693.0	0.453862	Y
4	STD50 460-768838/6	50.0	23.185973	50.0	680847.0	0.463719	Y
5	STD200 460-768838/7	200.0	90.116893	50.0	756933.0	0.450584	Y
6	STD500 460-768838/8	500.0	213.765249	50.0	802194.0	0.42753	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

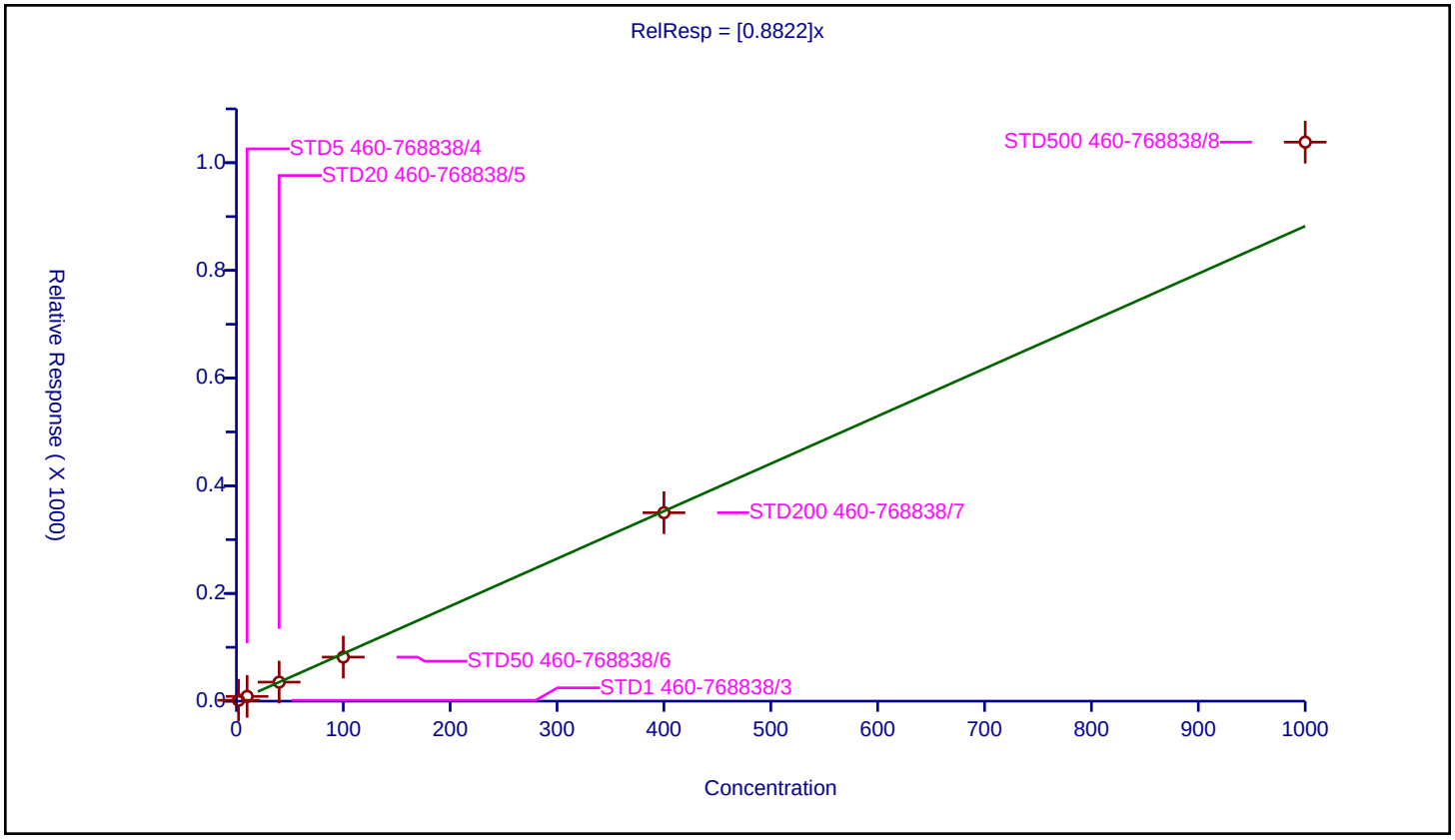
Curve Coefficients

Intercept:	0
Slope:	0.8822

Error Coefficients

Standard Error:	336000
Relative Standard Error:	9.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	2.0	1.588198	1000.0	555976.0	0.794099	Y
2	STD5 460-768838/4	10.0	8.847071	1000.0	590704.0	0.884707	Y
3	STD20 460-768838/5	40.0	35.34381	1000.0	676639.0	0.883595	Y
4	STD50 460-768838/6	100.0	81.780323	1000.0	768400.0	0.817803	Y
5	STD200 460-768838/7	400.0	349.976453	1000.0	762297.0	0.874941	Y
6	STD500 460-768838/8	1000.0	1038.208659	1000.0	674690.0	1.038209	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

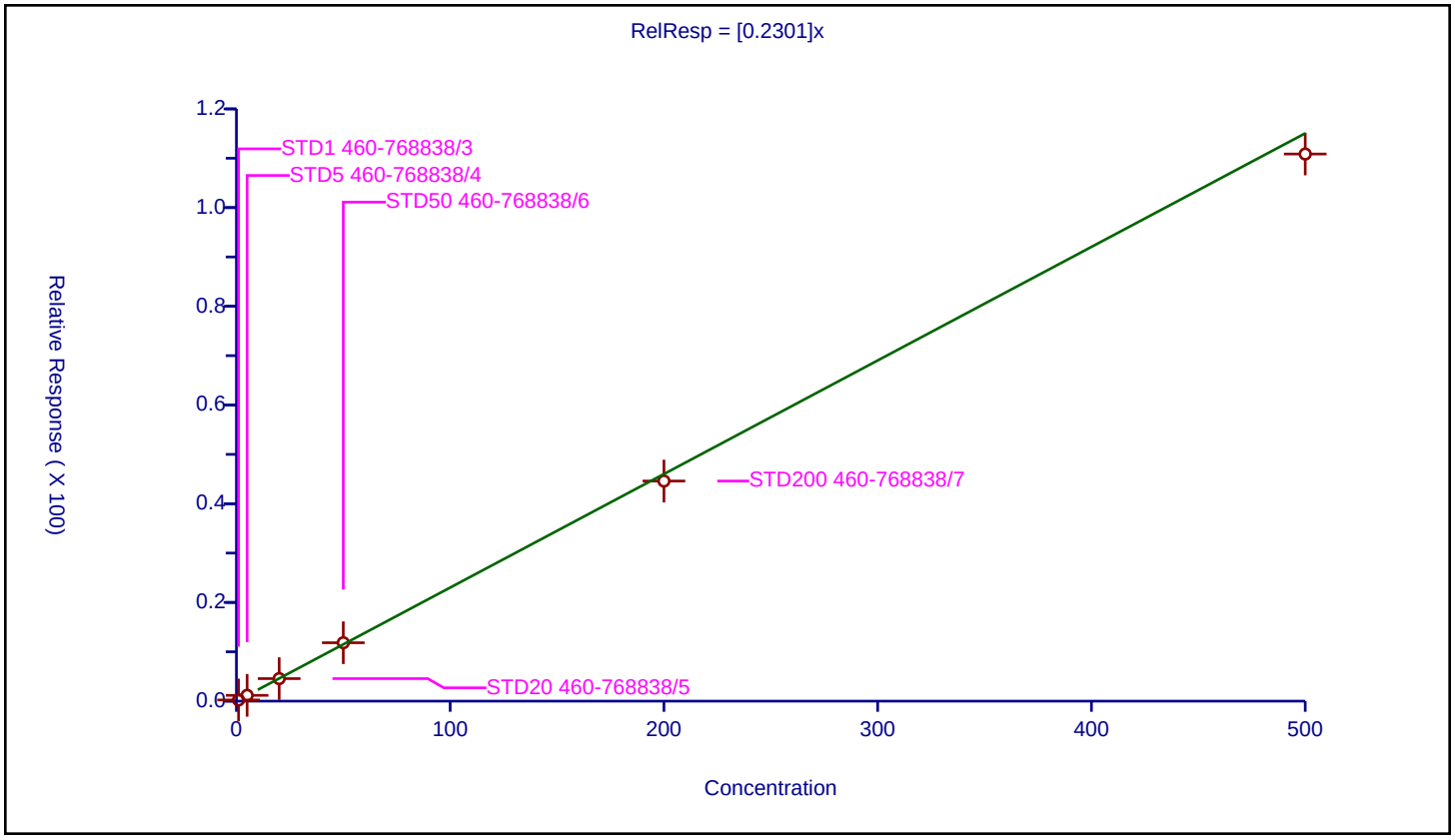
Curve Coefficients

Intercept:	0
Slope:	0.2301

Error Coefficients

Standard Error:	854000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.236093	50.0	610989.0	0.236093	Y
2	STD5 460-768838/4	5.0	1.175079	50.0	629447.0	0.235016	Y
3	STD20 460-768838/5	20.0	4.561787	50.0	665693.0	0.228089	Y
4	STD50 460-768838/6	50.0	11.83401	50.0	680847.0	0.23668	Y
5	STD200 460-768838/7	200.0	44.596417	50.0	756933.0	0.222982	Y
6	STD500 460-768838/8	500.0	110.856414	50.0	802194.0	0.221713	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

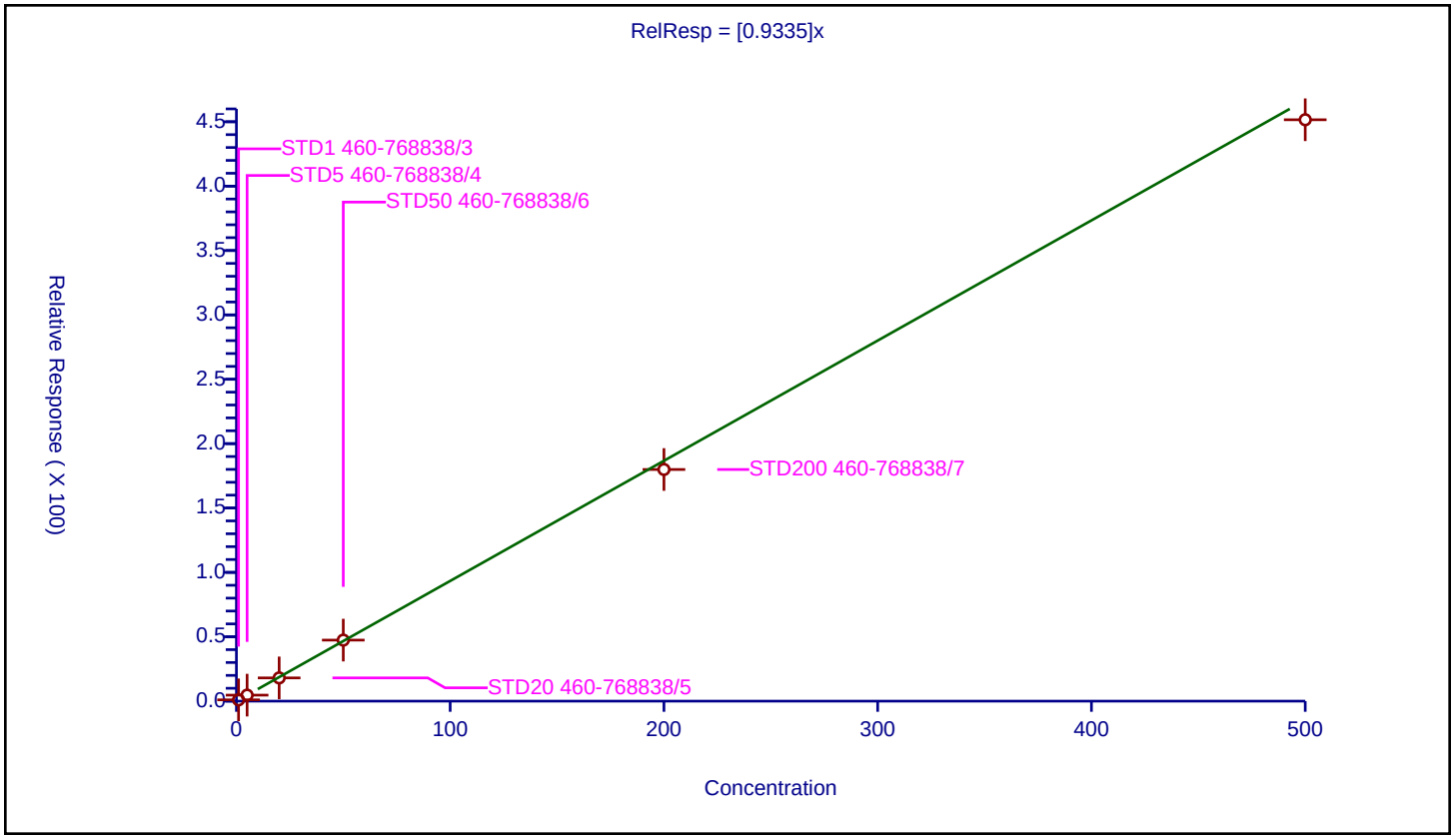
Curve Coefficients

Intercept:	0
Slope:	0.9335

Error Coefficients

Standard Error:	3470000
Relative Standard Error:	4.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.012784	50.0	610989.0	1.012784	Y
2	STD5 460-768838/4	5.0	4.672832	50.0	629447.0	0.934566	Y
3	STD20 460-768838/5	20.0	18.052391	50.0	665693.0	0.90262	Y
4	STD50 460-768838/6	50.0	47.409403	50.0	680847.0	0.948188	Y
5	STD200 460-768838/7	200.0	179.928871	50.0	756933.0	0.899644	Y
6	STD500 460-768838/8	500.0	451.551183	50.0	802194.0	0.903102	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

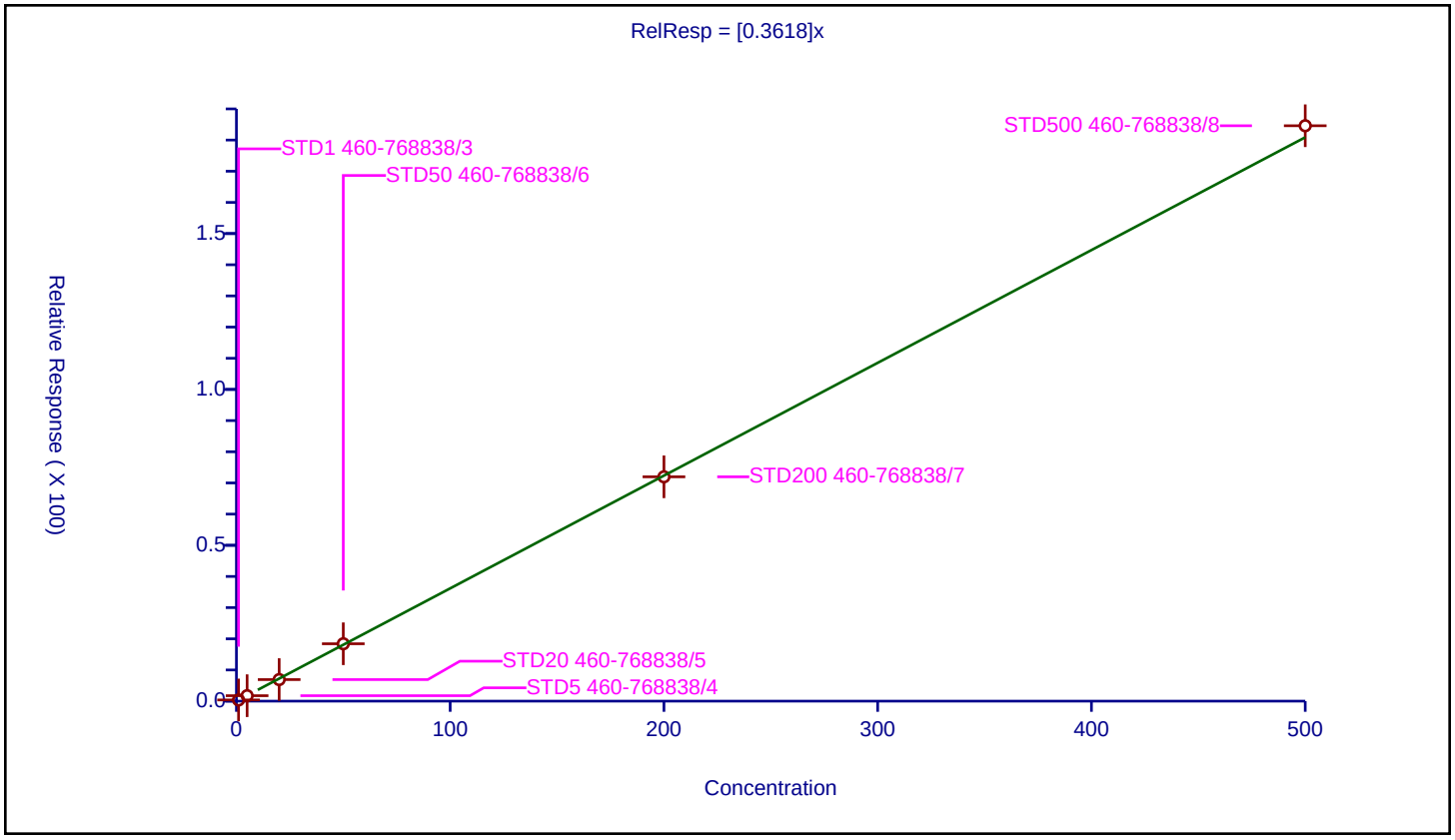
Curve Coefficients

Intercept:	0
Slope:	0.3618

Error Coefficients

Standard Error:	1420000
Relative Standard Error:	3.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.378567	50.0	610989.0	0.378567	Y
2	STD5 460-768838/4	5.0	1.744388	50.0	629447.0	0.348878	Y
3	STD20 460-768838/5	20.0	6.918354	50.0	665693.0	0.345918	Y
4	STD50 460-768838/6	50.0	18.4081	50.0	680847.0	0.368162	Y
5	STD200 460-768838/7	200.0	71.96555	50.0	756933.0	0.359828	Y
6	STD500 460-768838/8	500.0	184.594749	50.0	802194.0	0.369189	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

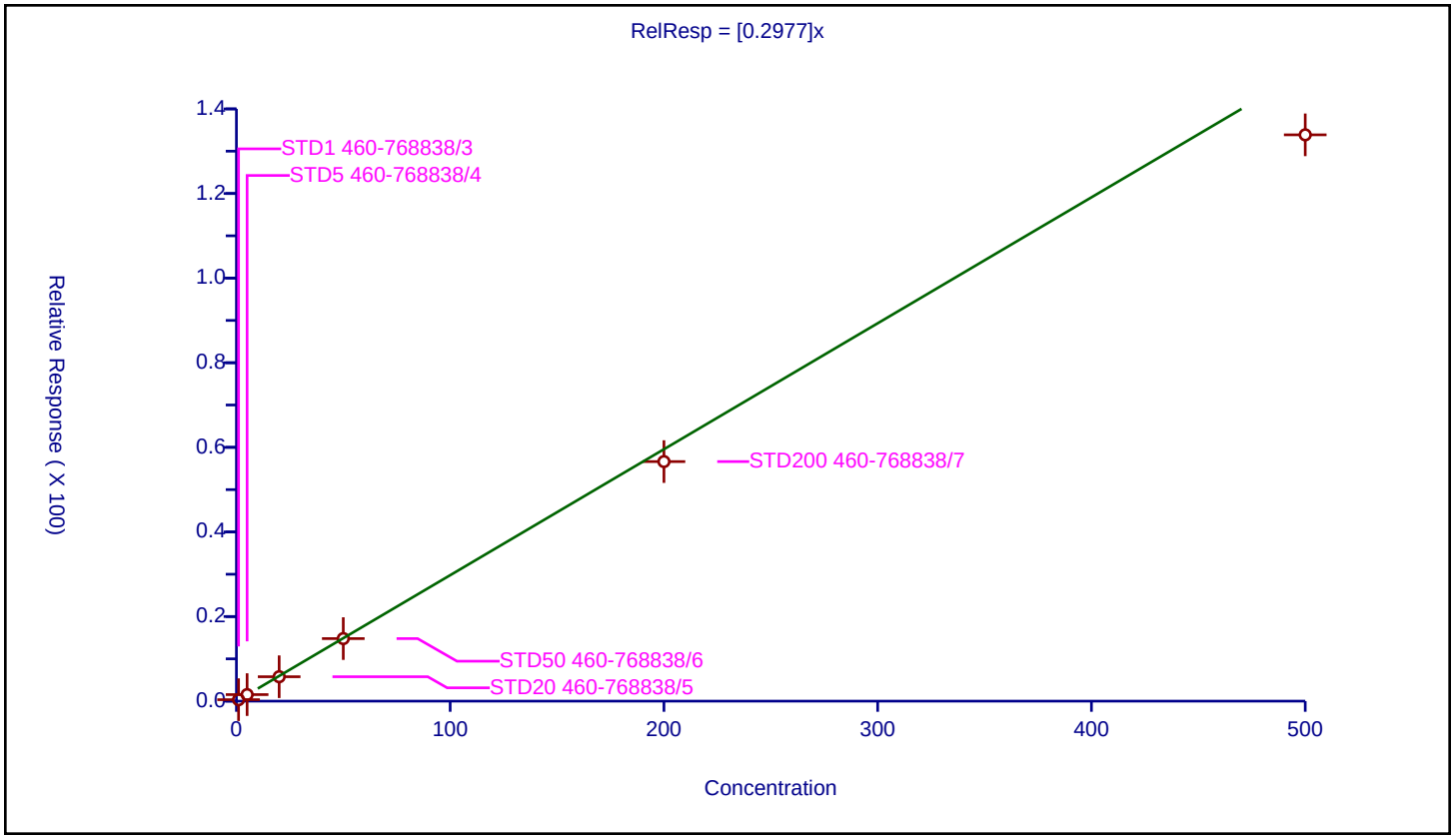
Curve Coefficients

Intercept:	0
Slope:	0.2977

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.342641	50.0	610989.0	0.342641	Y
2	STD5 460-768838/4	5.0	1.543101	50.0	629447.0	0.30862	Y
3	STD20 460-768838/5	20.0	5.77173	50.0	665693.0	0.288586	Y
4	STD50 460-768838/6	50.0	14.784379	50.0	680847.0	0.295688	Y
5	STD200 460-768838/7	200.0	56.627205	50.0	756933.0	0.283136	Y
6	STD500 460-768838/8	500.0	133.865686	50.0	802194.0	0.267731	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

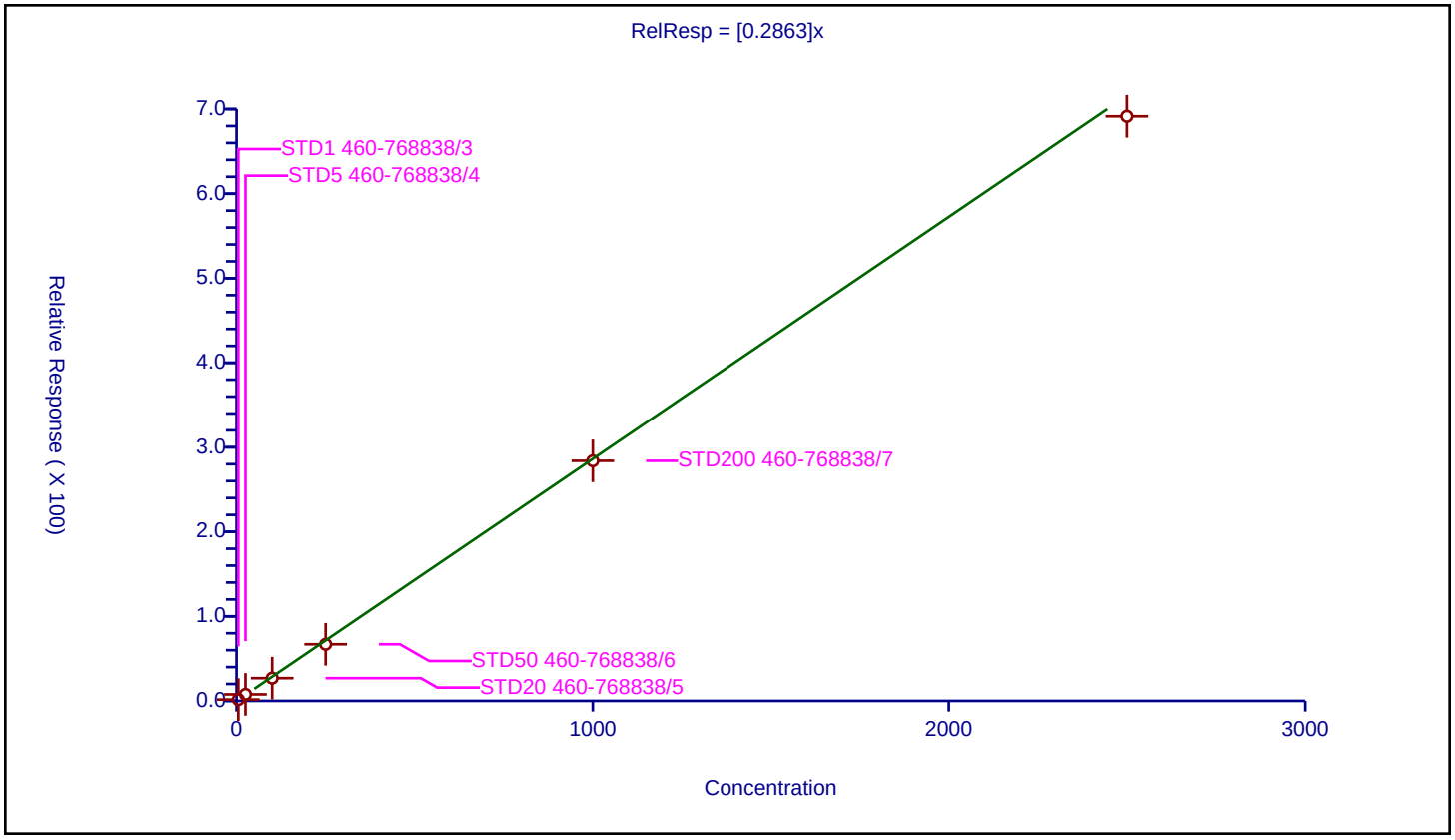
Curve Coefficients

Intercept:	0
Slope:	0.2863

Error Coefficients

Standard Error:	654000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	5.0	1.562781	250.0	317063.0	0.312556	Y
2	STD5 460-768838/4	25.0	7.692627	250.0	337206.0	0.307705	Y
3	STD20 460-768838/5	100.0	26.905927	250.0	389338.0	0.269059	Y
4	STD50 460-768838/6	250.0	66.97136	250.0	415883.0	0.267885	Y
5	STD200 460-768838/7	1000.0	283.95138	250.0	440932.0	0.283951	Y
6	STD500 460-768838/8	2500.0	691.467903	250.0	494767.0	0.276587	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

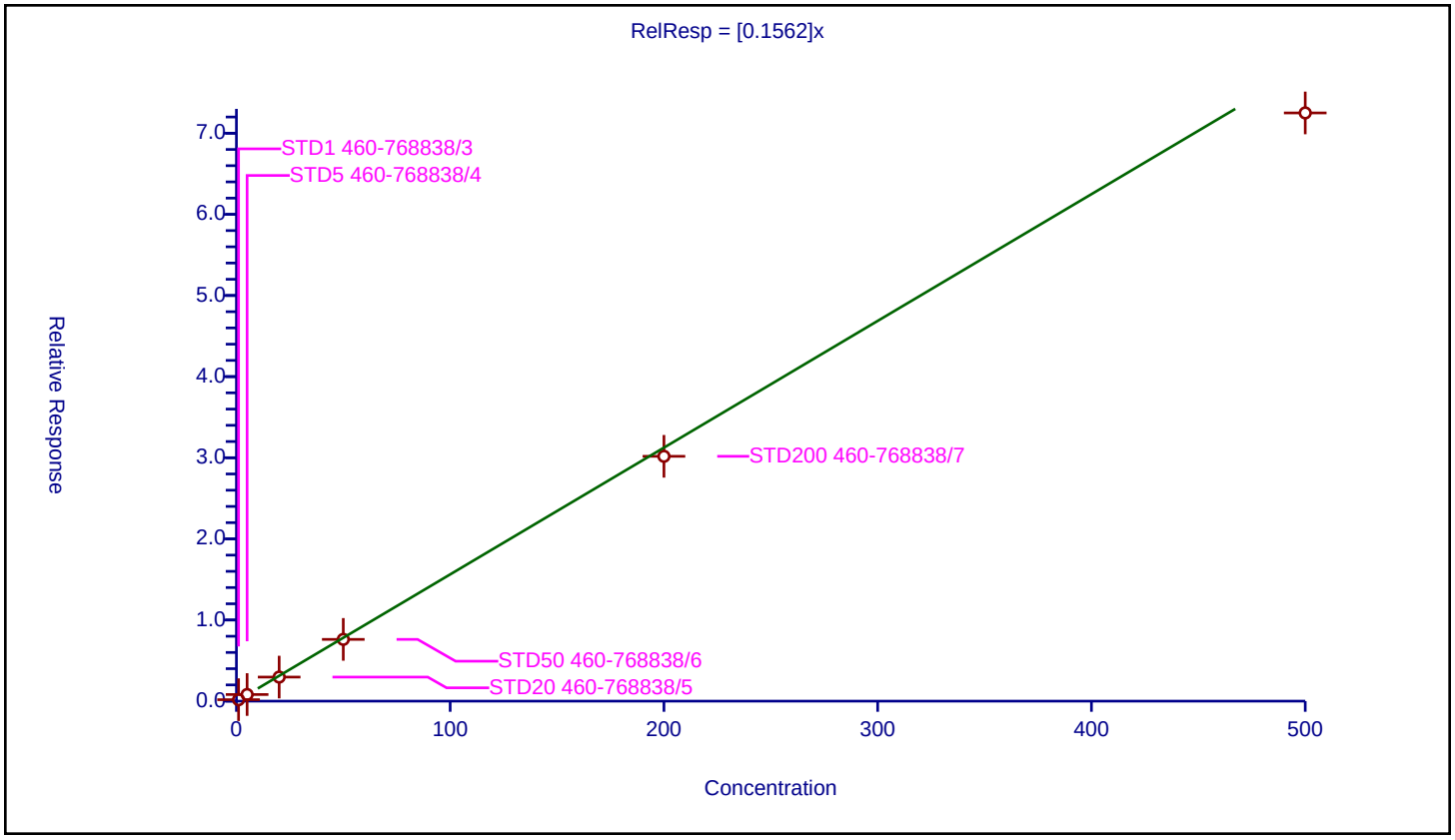
Curve Coefficients

Intercept:	0
Slope:	0.1562

Error Coefficients

Standard Error:	561000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.177908	50.0	610989.0	0.177908	Y
2	STD5 460-768838/4	5.0	0.814683	50.0	629447.0	0.162937	Y
3	STD20 460-768838/5	20.0	2.967584	50.0	665693.0	0.148379	Y
4	STD50 460-768838/6	50.0	7.611622	50.0	680847.0	0.152232	Y
5	STD200 460-768838/7	200.0	30.177176	50.0	756933.0	0.150886	Y
6	STD500 460-768838/8	500.0	72.501602	50.0	802194.0	0.145003	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

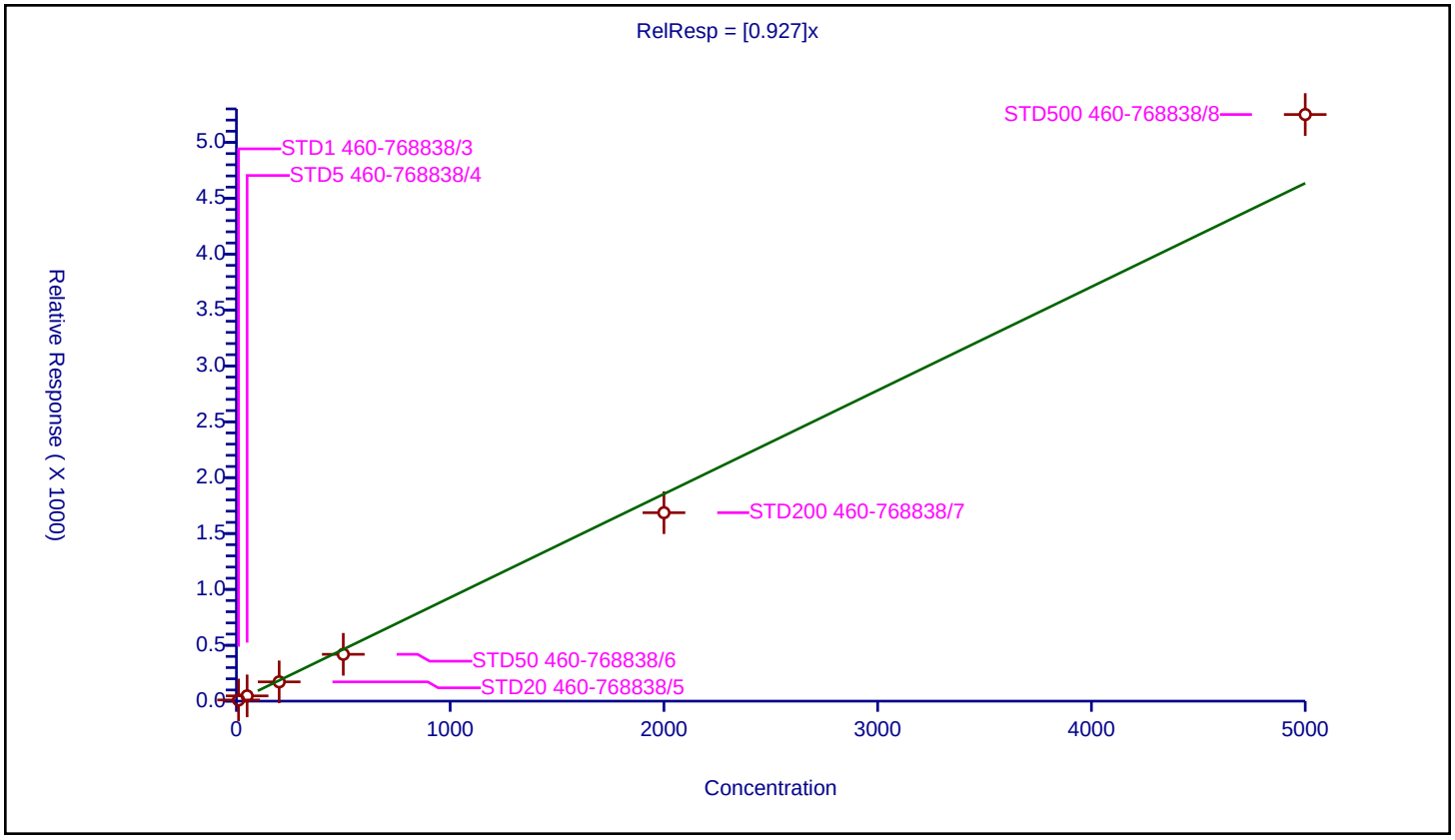
Curve Coefficients

Intercept:	0
Slope:	0.927

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	10.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	10.0	10.257637	1000.0	555976.0	1.025764	Y
2	STD5 460-768838/4	50.0	47.101425	1000.0	590704.0	0.942028	Y
3	STD20 460-768838/5	200.0	172.481929	1000.0	676639.0	0.86241	Y
4	STD50 460-768838/6	500.0	419.249089	1000.0	768400.0	0.838498	Y
5	STD200 460-768838/7	2000.0	1686.408316	1000.0	762297.0	0.843204	Y
6	STD500 460-768838/8	5000.0	5249.646504	1000.0	674690.0	1.049929	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

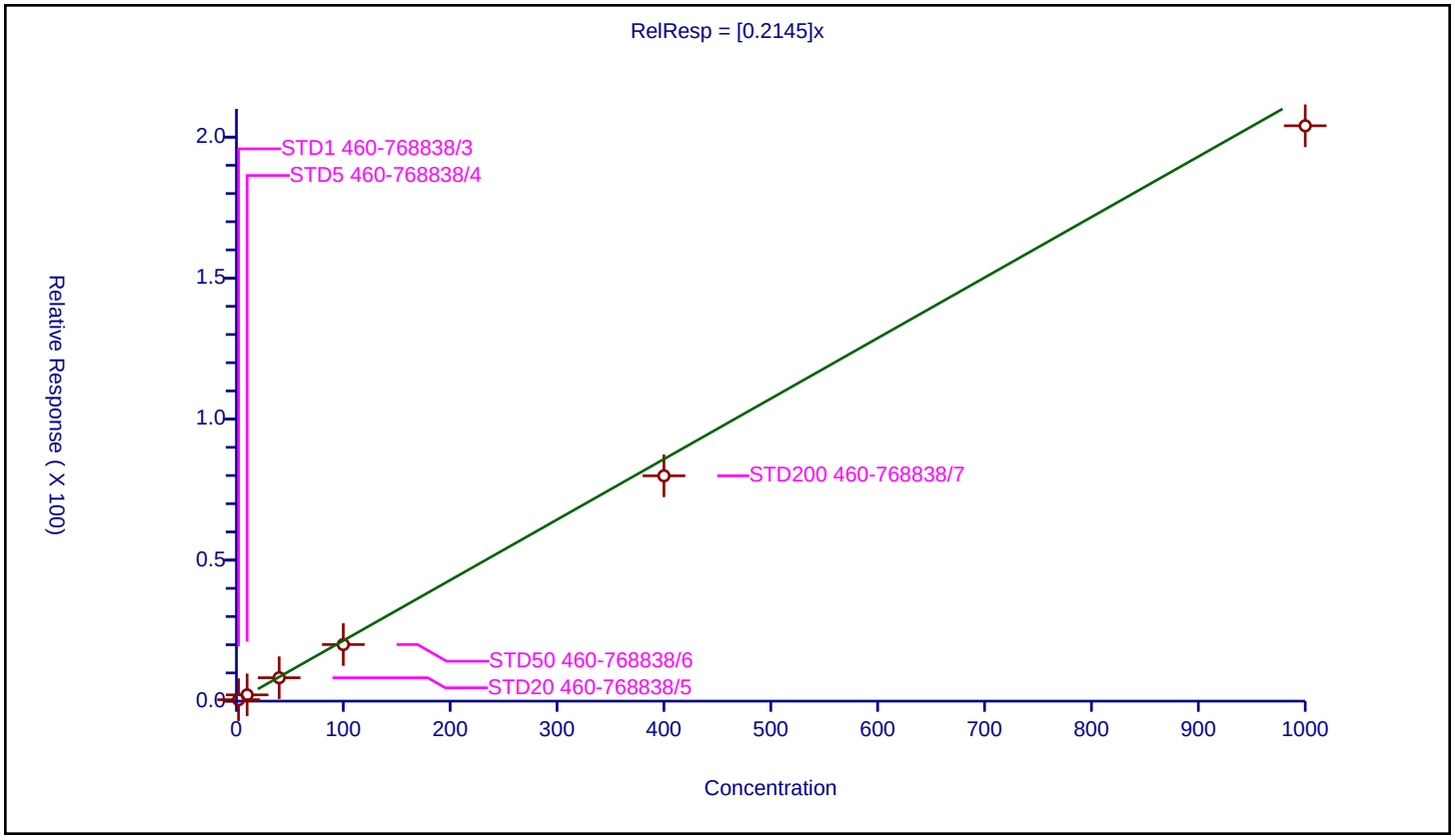
Curve Coefficients

Intercept:	0
Slope:	0.2145

Error Coefficients

Standard Error:	192000
Relative Standard Error:	9.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	2.0	0.50542	250.0	317063.0	0.25271	Y
2	STD5 460-768838/4	10.0	2.228608	250.0	337206.0	0.222861	Y
3	STD20 460-768838/5	40.0	8.292281	250.0	389338.0	0.207307	Y
4	STD50 460-768838/6	100.0	20.061532	250.0	415883.0	0.200615	Y
5	STD200 460-768838/7	400.0	79.903477	250.0	440932.0	0.199759	Y
6	STD500 460-768838/8	1000.0	204.008149	250.0	494767.0	0.204008	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

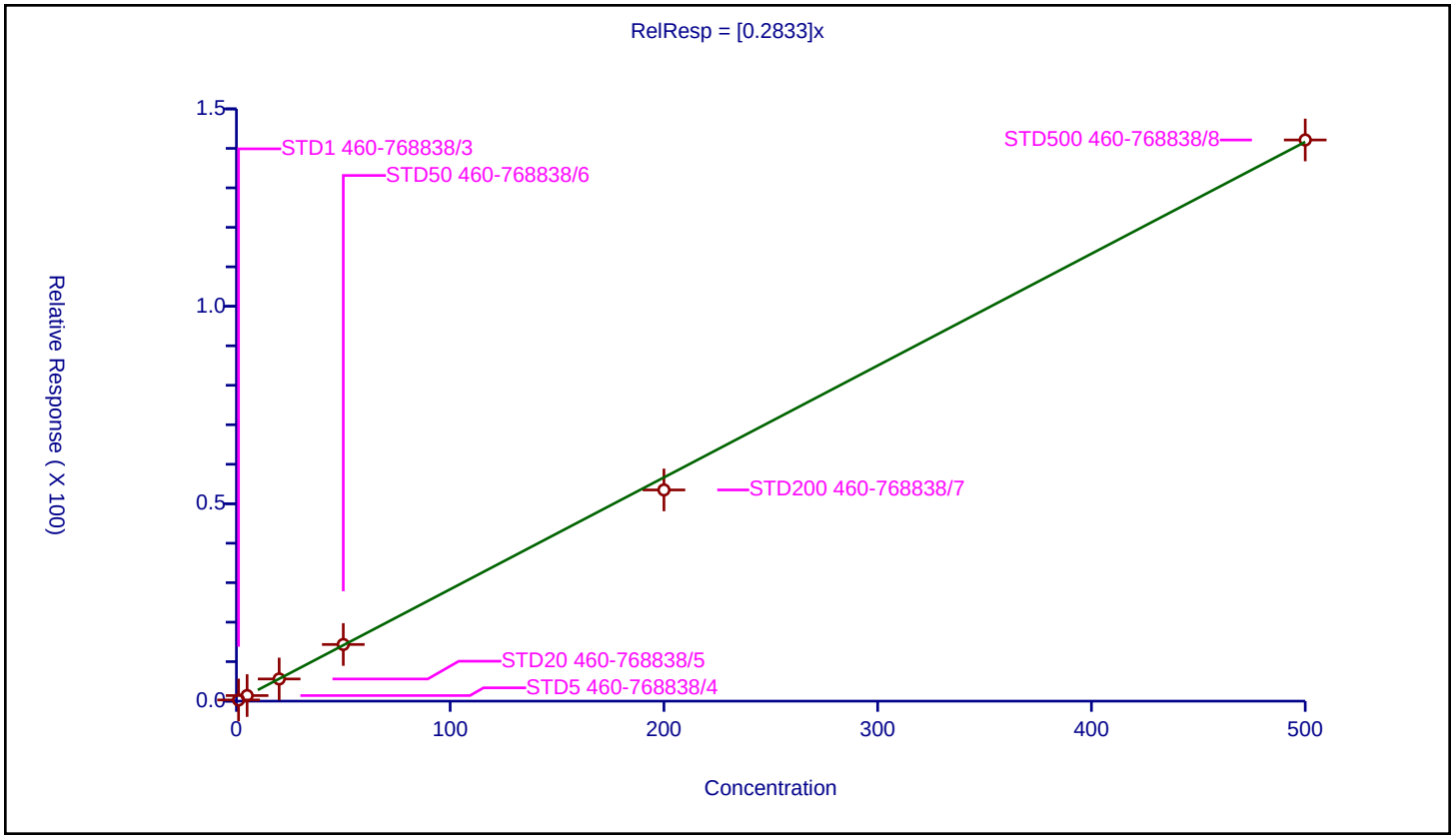
Curve Coefficients

Intercept:	0
Slope:	0.2833

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	3.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.297223	50.0	610989.0	0.297223	Y
2	STD5 460-768838/4	5.0	1.414257	50.0	629447.0	0.282851	Y
3	STD20 460-768838/5	20.0	5.618956	50.0	665693.0	0.280948	Y
4	STD50 460-768838/6	50.0	14.348525	50.0	680847.0	0.28697	Y
5	STD200 460-768838/7	200.0	53.491326	50.0	756933.0	0.267457	Y
6	STD500 460-768838/8	500.0	142.128276	50.0	802194.0	0.284257	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

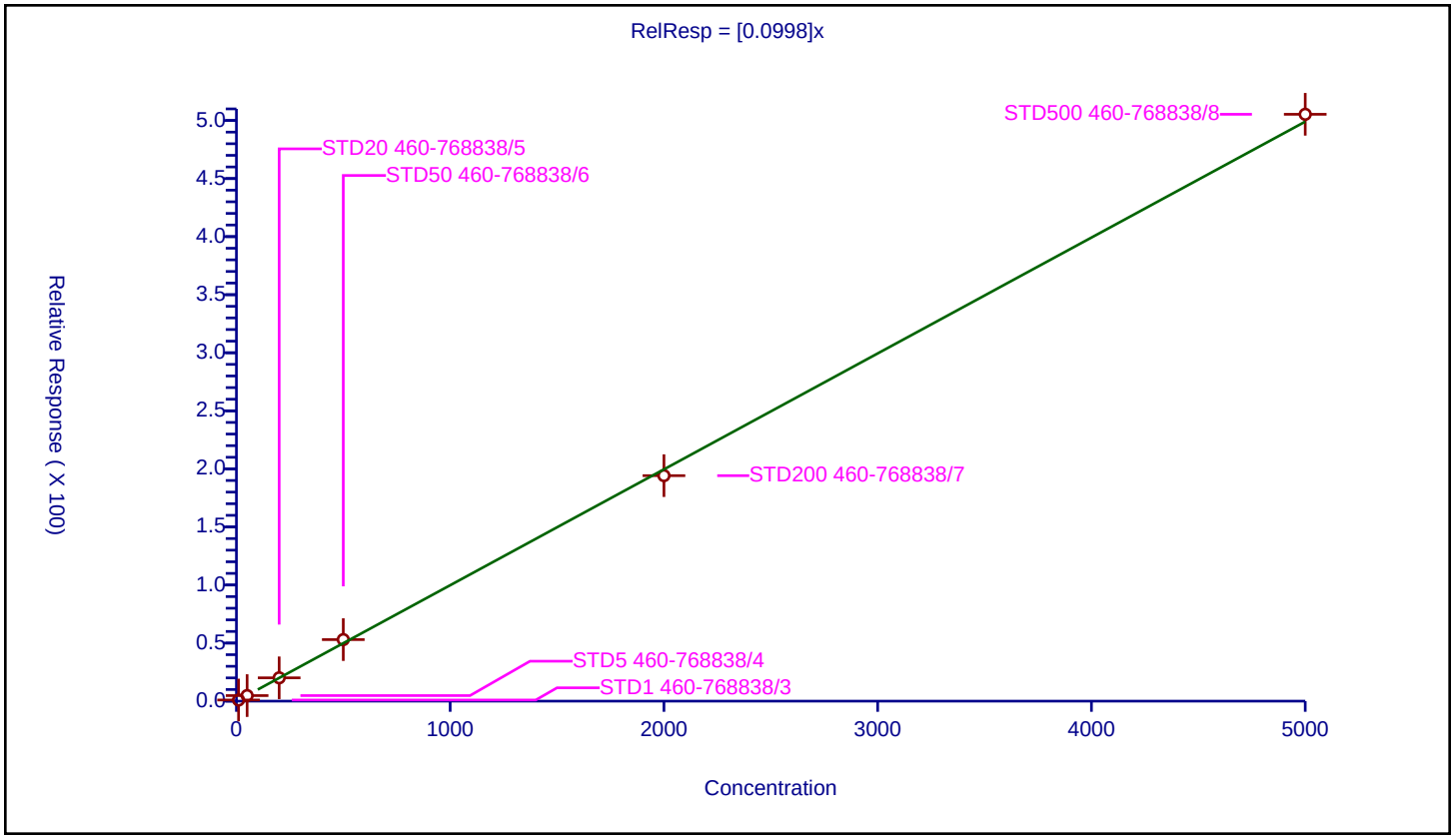
Curve Coefficients

Intercept:	0
Slope:	0.0998

Error Coefficients

Standard Error:	3870000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	10.0	0.984879	50.0	610989.0	0.098488	Y
2	STD5 460-768838/4	50.0	4.78968	50.0	629447.0	0.095794	Y
3	STD20 460-768838/5	200.0	20.075545	50.0	665693.0	0.100378	Y
4	STD50 460-768838/6	500.0	52.997296	50.0	680847.0	0.105995	Y
5	STD200 460-768838/7	2000.0	194.170818	50.0	756933.0	0.097085	Y
6	STD500 460-768838/8	5000.0	505.33437	50.0	802194.0	0.101067	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

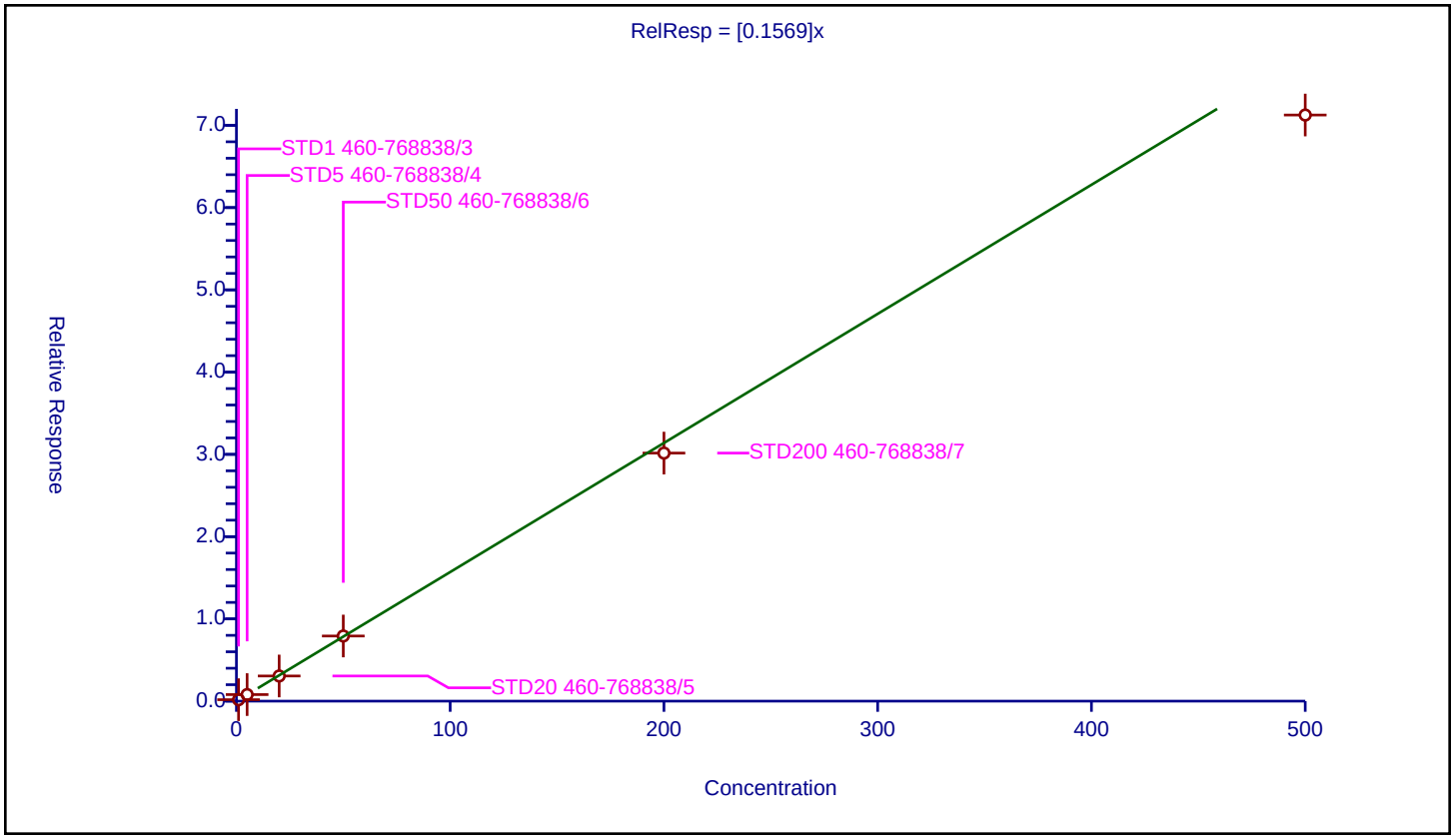
Curve Coefficients

Intercept:	0
Slope:	0.1569

Error Coefficients

Standard Error:	553000
Relative Standard Error:	7.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.177745	50.0	610989.0	0.177745	Y
2	STD5 460-768838/4	5.0	0.796572	50.0	629447.0	0.159314	Y
3	STD20 460-768838/5	20.0	3.057265	50.0	665693.0	0.152863	Y
4	STD50 460-768838/6	50.0	7.918593	50.0	680847.0	0.158372	Y
5	STD200 460-768838/7	200.0	30.156896	50.0	756933.0	0.150784	Y
6	STD500 460-768838/8	500.0	71.255332	50.0	802194.0	0.142511	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

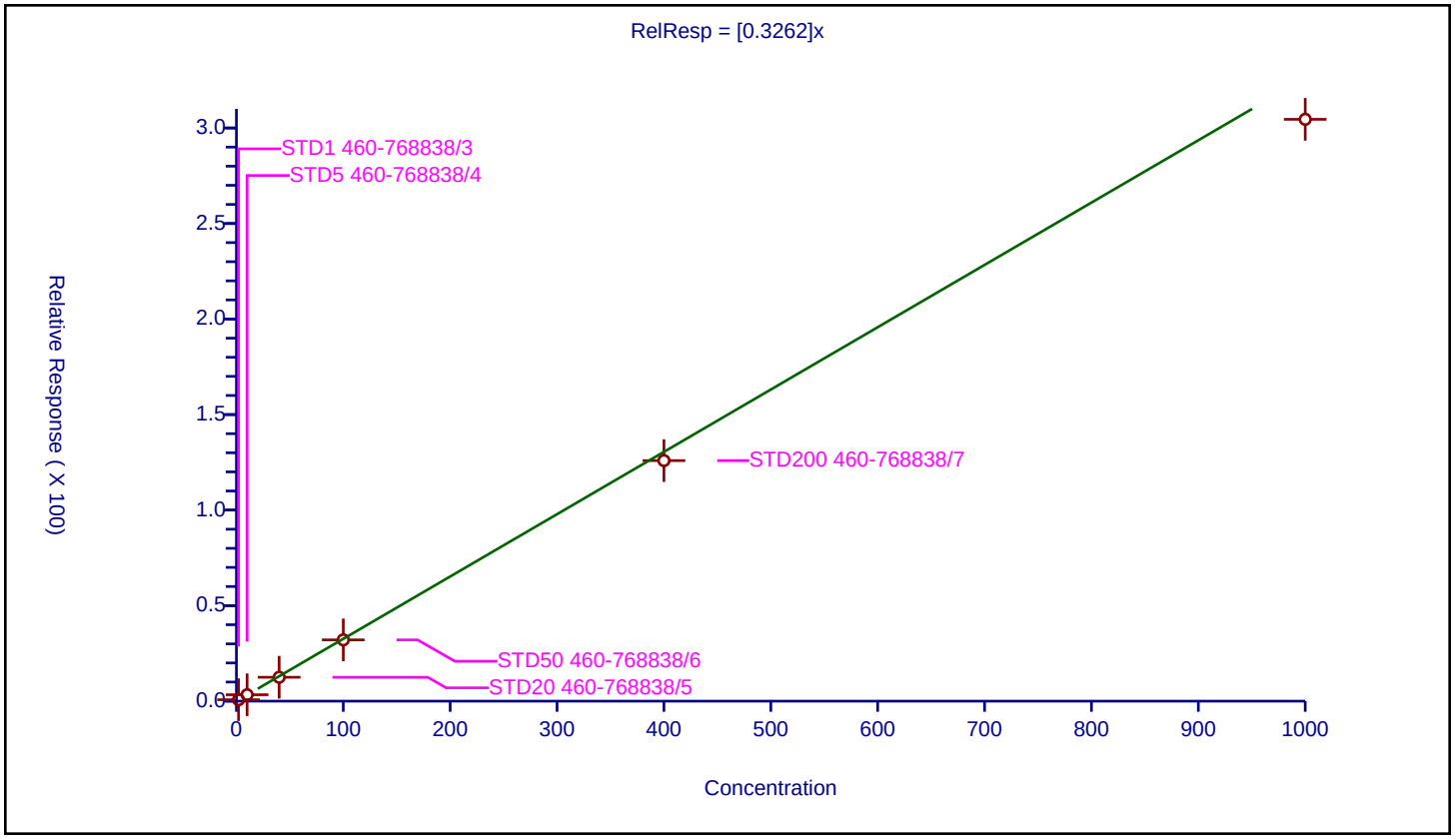
Curve Coefficients

Intercept:	0
Slope:	0.3262

Error Coefficients

Standard Error:	288000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	2.0	0.739601	250.0	317063.0	0.3698	Y
2	STD5 460-768838/4	10.0	3.348843	250.0	337206.0	0.334884	Y
3	STD20 460-768838/5	40.0	12.497496	250.0	389338.0	0.312437	Y
4	STD50 460-768838/6	100.0	32.073324	250.0	415883.0	0.320733	Y
5	STD200 460-768838/7	400.0	125.91454	250.0	440932.0	0.314786	Y
6	STD500 460-768838/8	1000.0	304.53375	250.0	494767.0	0.304534	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

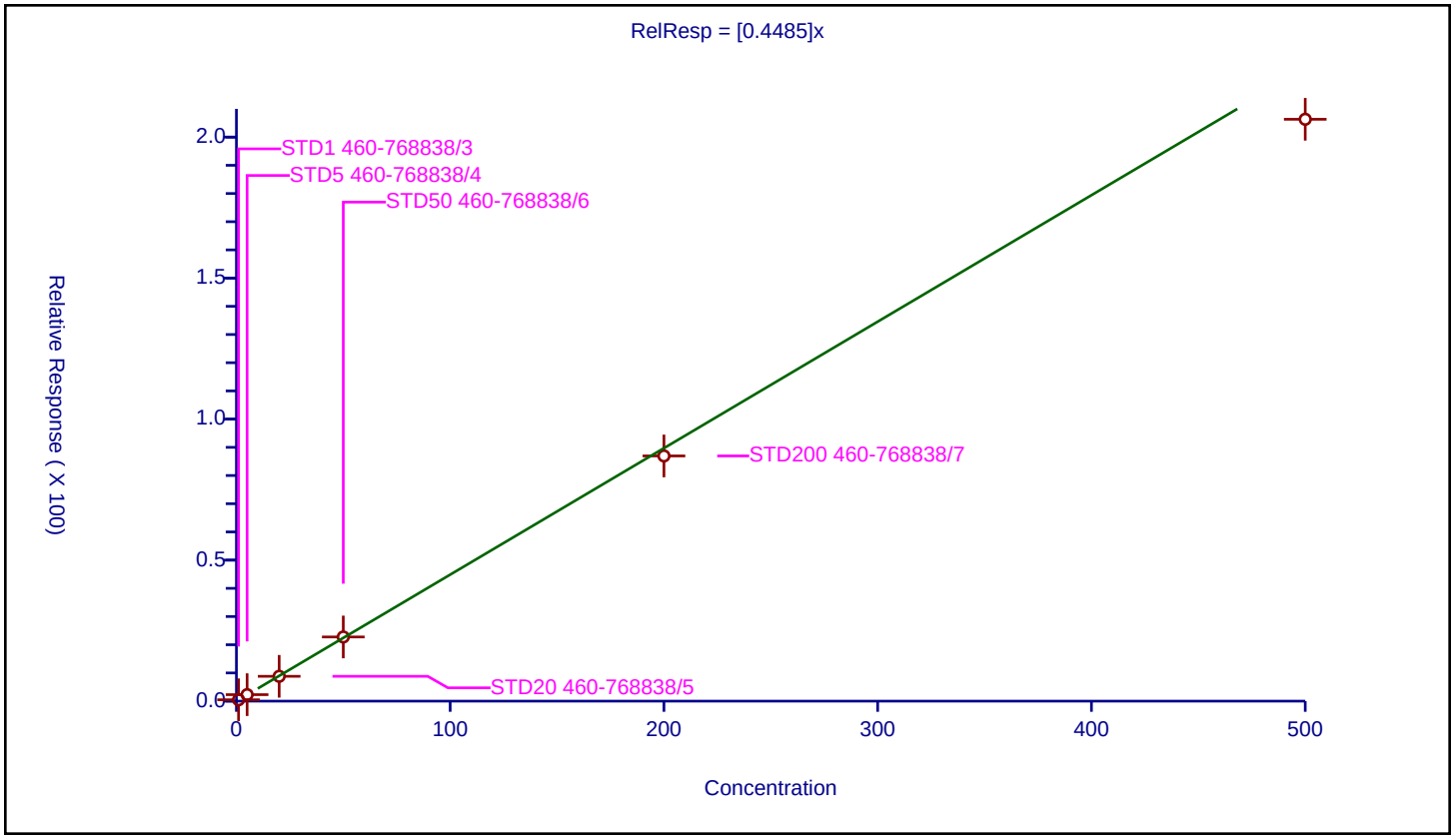
Curve Coefficients

Intercept:	0
Slope:	0.4485

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.489043	50.0	610989.0	0.489043	Y
2	STD5 460-768838/4	5.0	2.295189	50.0	629447.0	0.459038	Y
3	STD20 460-768838/5	20.0	8.809391	50.0	665693.0	0.44047	Y
4	STD50 460-768838/6	50.0	22.752762	50.0	680847.0	0.455055	Y
5	STD200 460-768838/7	200.0	86.946863	50.0	756933.0	0.434734	Y
6	STD500 460-768838/8	500.0	206.31811	50.0	802194.0	0.412636	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

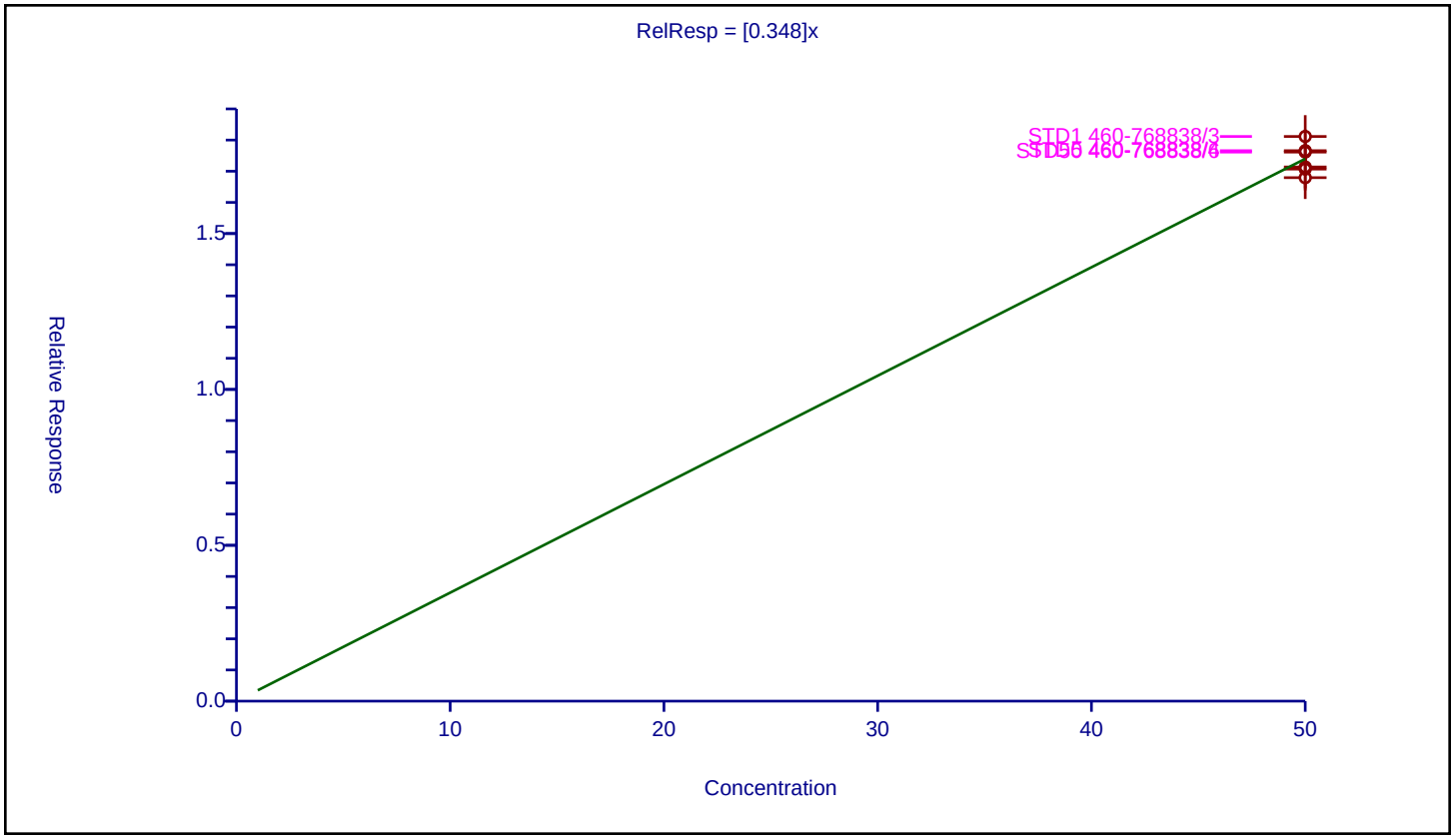
Curve Coefficients

Intercept:	0
Slope:	0.348

Error Coefficients

Standard Error:	264000
Relative Standard Error:	2.8
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	50.0	18.114811	50.0	610989.0	0.362296	Y
2	STD5 460-768838/4	50.0	17.659231	50.0	629447.0	0.353185	Y
3	STD20 460-768838/5	50.0	17.137179	50.0	665693.0	0.342744	Y
4	STD50 460-768838/6	50.0	17.614163	50.0	680847.0	0.352283	Y
5	STD200 460-768838/7	50.0	17.068948	50.0	756933.0	0.341379	Y
6	STD500 460-768838/8	50.0	16.793756	50.0	802194.0	0.335875	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

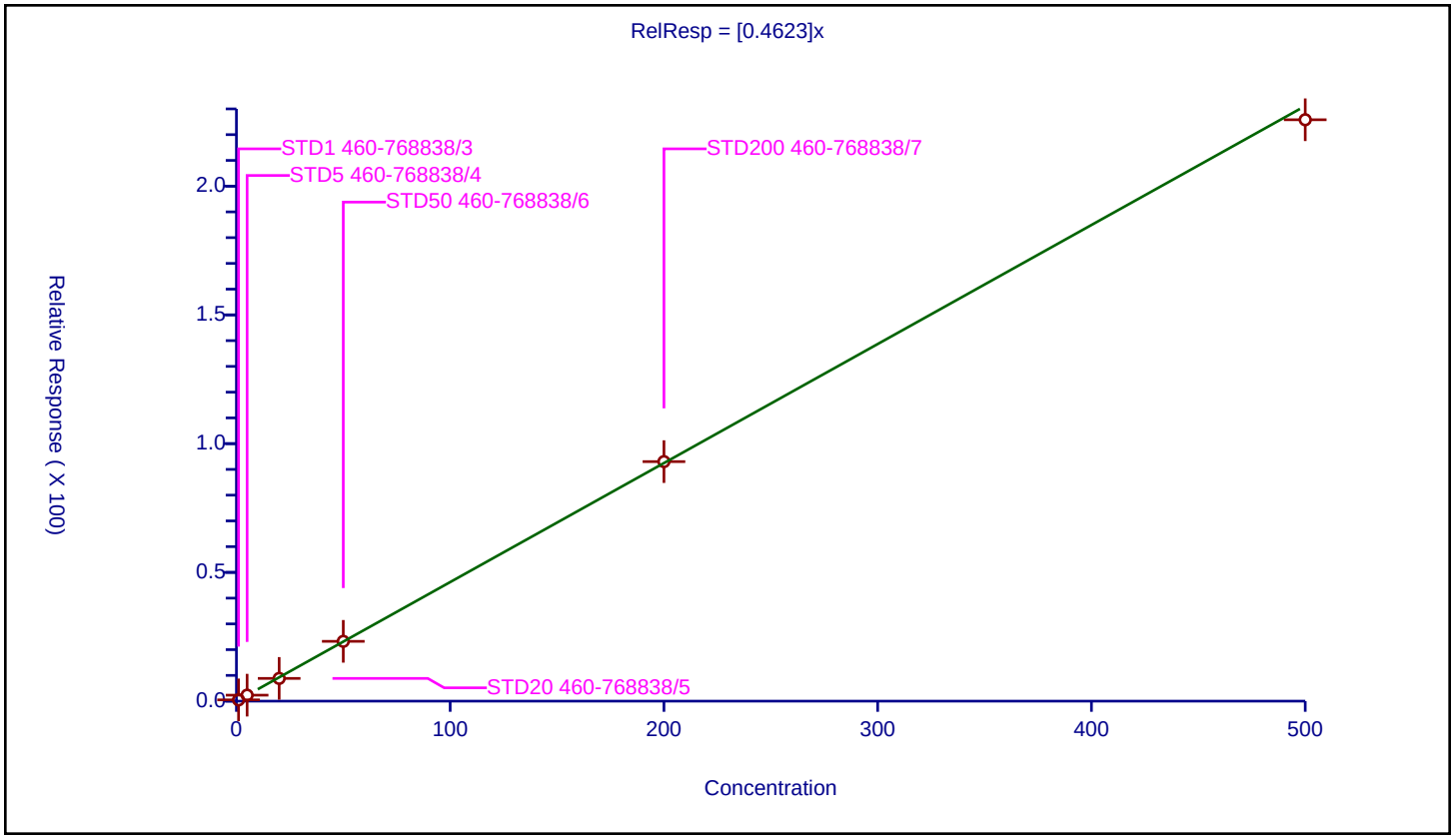
Curve Coefficients

Intercept:	0
Slope:	0.4623

Error Coefficients

Standard Error:	1740000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.487488	50.0	610989.0	0.487488	Y
2	STD5 460-768838/4	5.0	2.317431	50.0	629447.0	0.463486	Y
3	STD20 460-768838/5	20.0	8.827192	50.0	665693.0	0.44136	Y
4	STD50 460-768838/6	50.0	23.230109	50.0	680847.0	0.464602	Y
5	STD200 460-768838/7	200.0	93.027388	50.0	756933.0	0.465137	Y
6	STD500 460-768838/8	500.0	225.782853	50.0	802194.0	0.451566	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

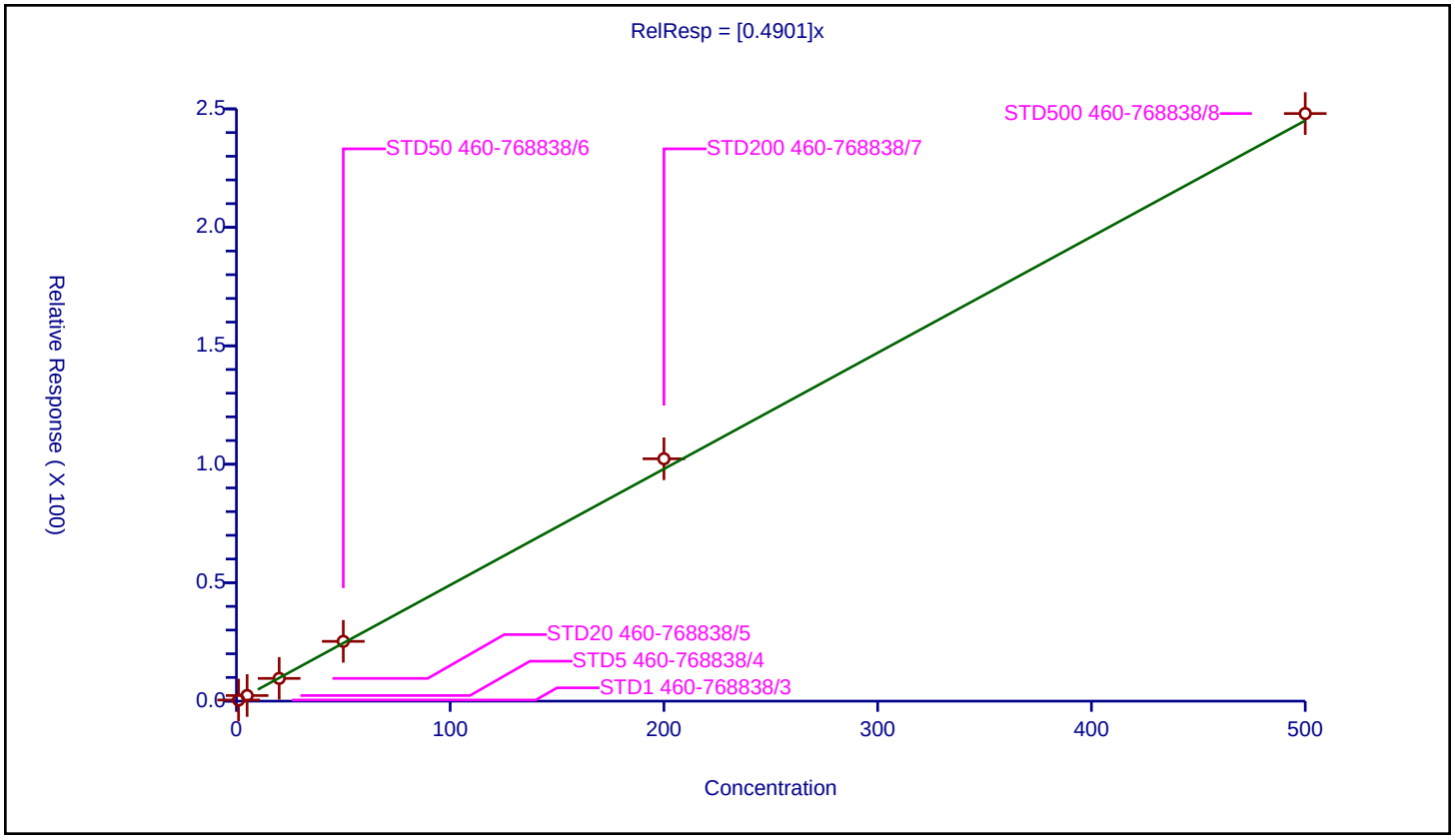
Curve Coefficients

Intercept:	0
Slope:	0.4901

Error Coefficients

Standard Error:	1920000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.474722	50.0	610989.0	0.474722	Y
2	STD5 460-768838/4	5.0	2.370335	50.0	629447.0	0.474067	Y
3	STD20 460-768838/5	20.0	9.591809	50.0	665693.0	0.47959	Y
4	STD50 460-768838/6	50.0	25.238416	50.0	680847.0	0.504768	Y
5	STD200 460-768838/7	200.0	102.300005	50.0	756933.0	0.5115	Y
6	STD500 460-768838/8	500.0	248.034204	50.0	802194.0	0.496068	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

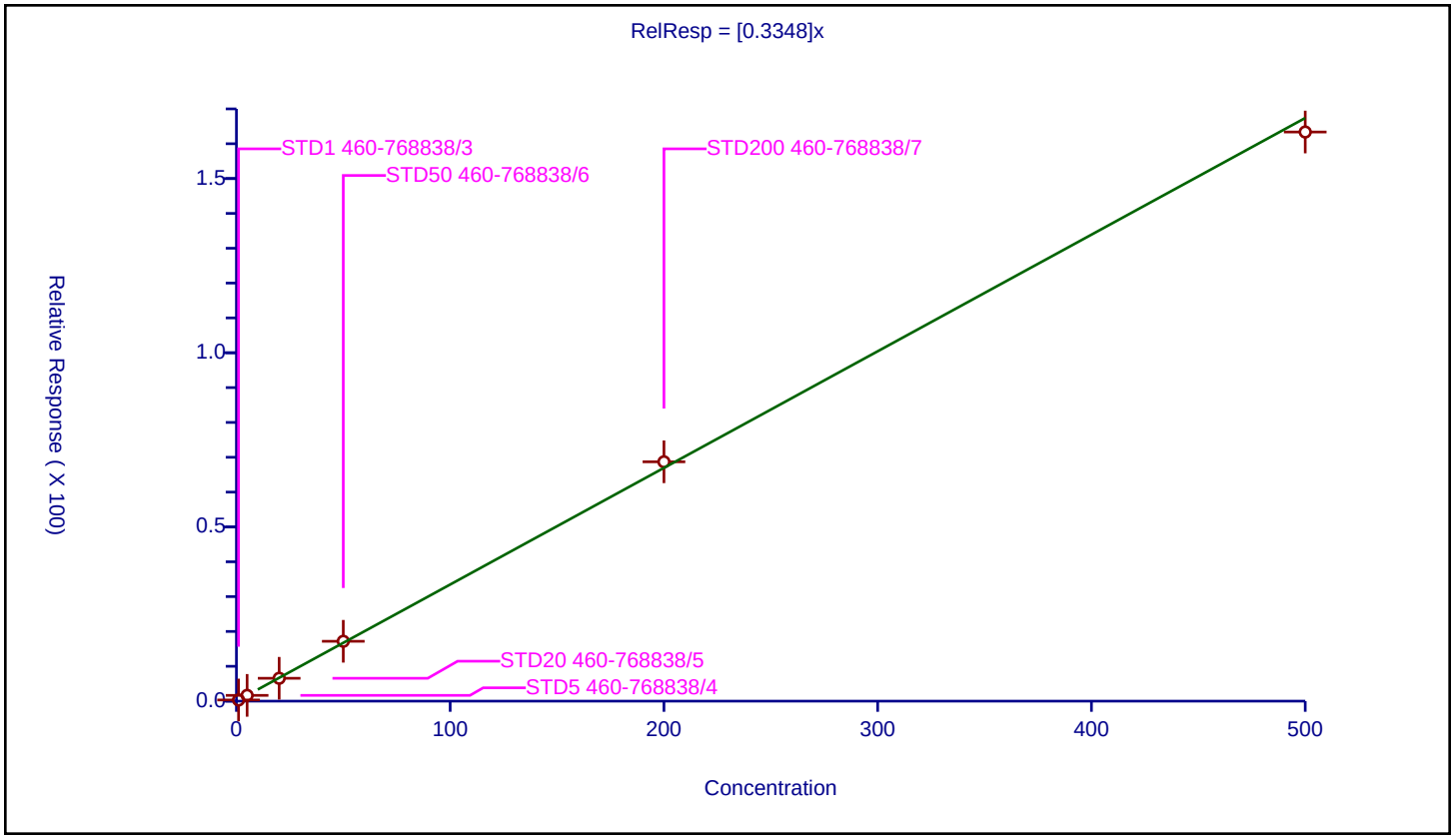
Curve Coefficients

Intercept:	0
Slope:	0.3348

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.335685	50.0	610989.0	0.335685	Y
2	STD5 460-768838/4	5.0	1.65415	50.0	629447.0	0.33083	Y
3	STD20 460-768838/5	20.0	6.560907	50.0	665693.0	0.328045	Y
4	STD50 460-768838/6	50.0	17.185506	50.0	680847.0	0.34371	Y
5	STD200 460-768838/7	200.0	68.702646	50.0	756933.0	0.343513	Y
6	STD500 460-768838/8	500.0	163.365283	50.0	802194.0	0.326731	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

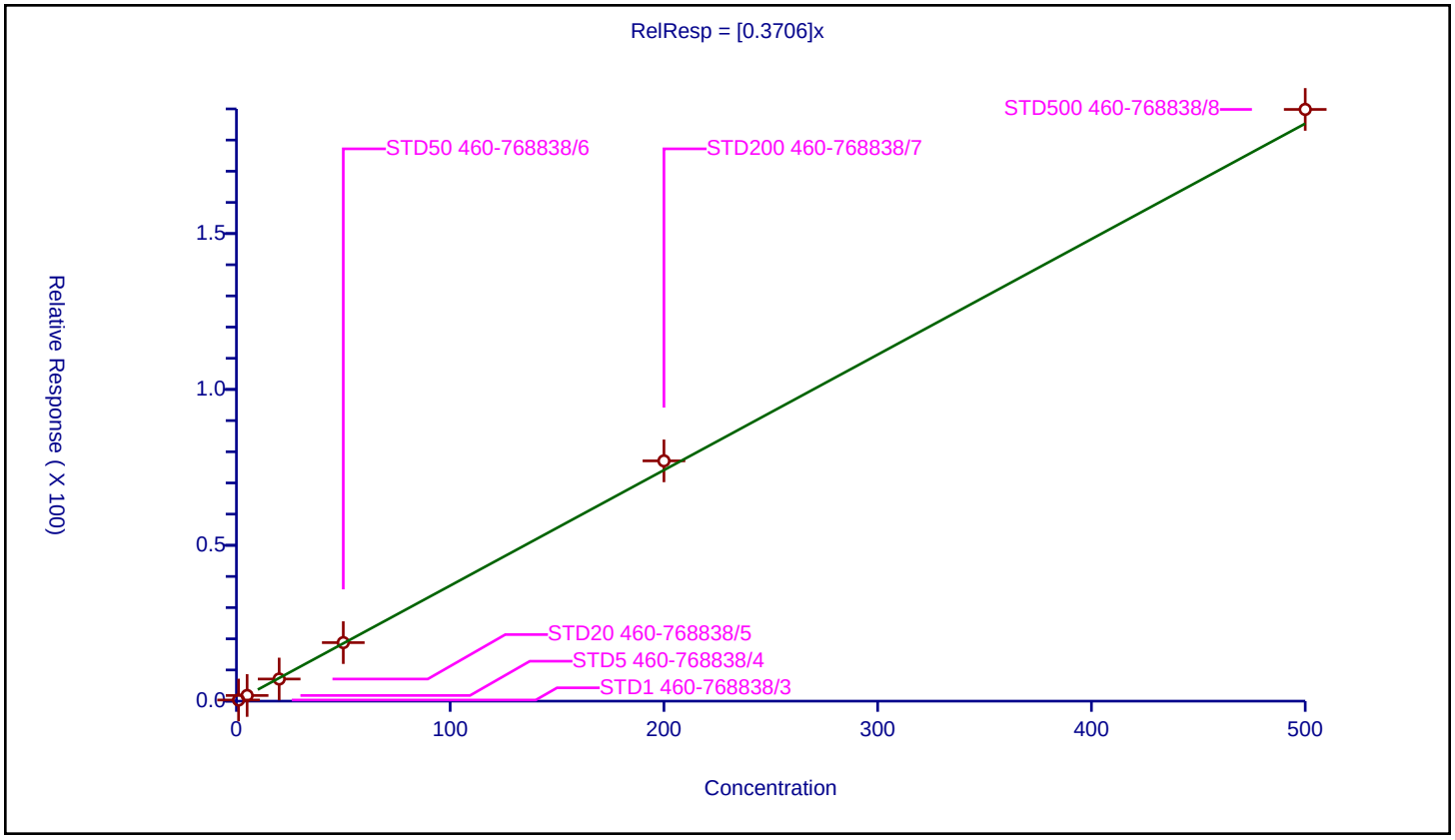
Curve Coefficients

Intercept:	0
Slope:	0.3706

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.364164	50.0	610989.0	0.364164	Y
2	STD5 460-768838/4	5.0	1.818739	50.0	629447.0	0.363748	Y
3	STD20 460-768838/5	20.0	7.096364	50.0	665693.0	0.354818	Y
4	STD50 460-768838/6	50.0	18.779623	50.0	680847.0	0.375592	Y
5	STD200 460-768838/7	200.0	77.080864	50.0	756933.0	0.385404	Y
6	STD500 460-768838/8	500.0	189.832073	50.0	802194.0	0.379664	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

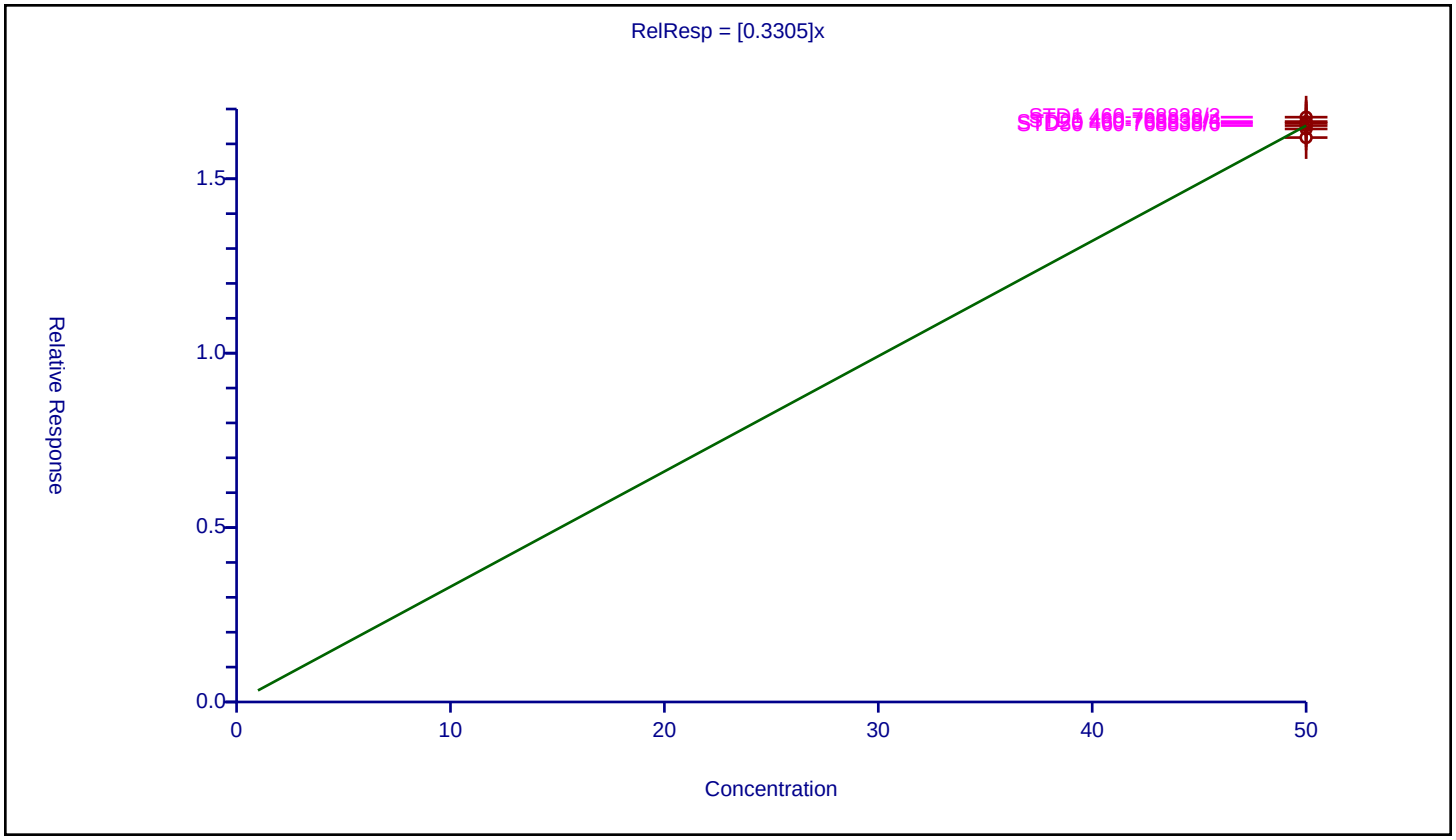
Curve Coefficients

Intercept:	0
Slope:	0.3305

Error Coefficients

Standard Error:	251000
Relative Standard Error:	1.2
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	50.0	16.765768	50.0	610989.0	0.335315	Y
2	STD5 460-768838/4	50.0	16.639765	50.0	629447.0	0.332795	Y
3	STD20 460-768838/5	50.0	16.595638	50.0	665693.0	0.331913	Y
4	STD50 460-768838/6	50.0	16.525225	50.0	680847.0	0.330505	Y
5	STD200 460-768838/7	50.0	16.180824	50.0	756933.0	0.323616	Y
6	STD500 460-768838/8	50.0	16.428881	50.0	802194.0	0.328578	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

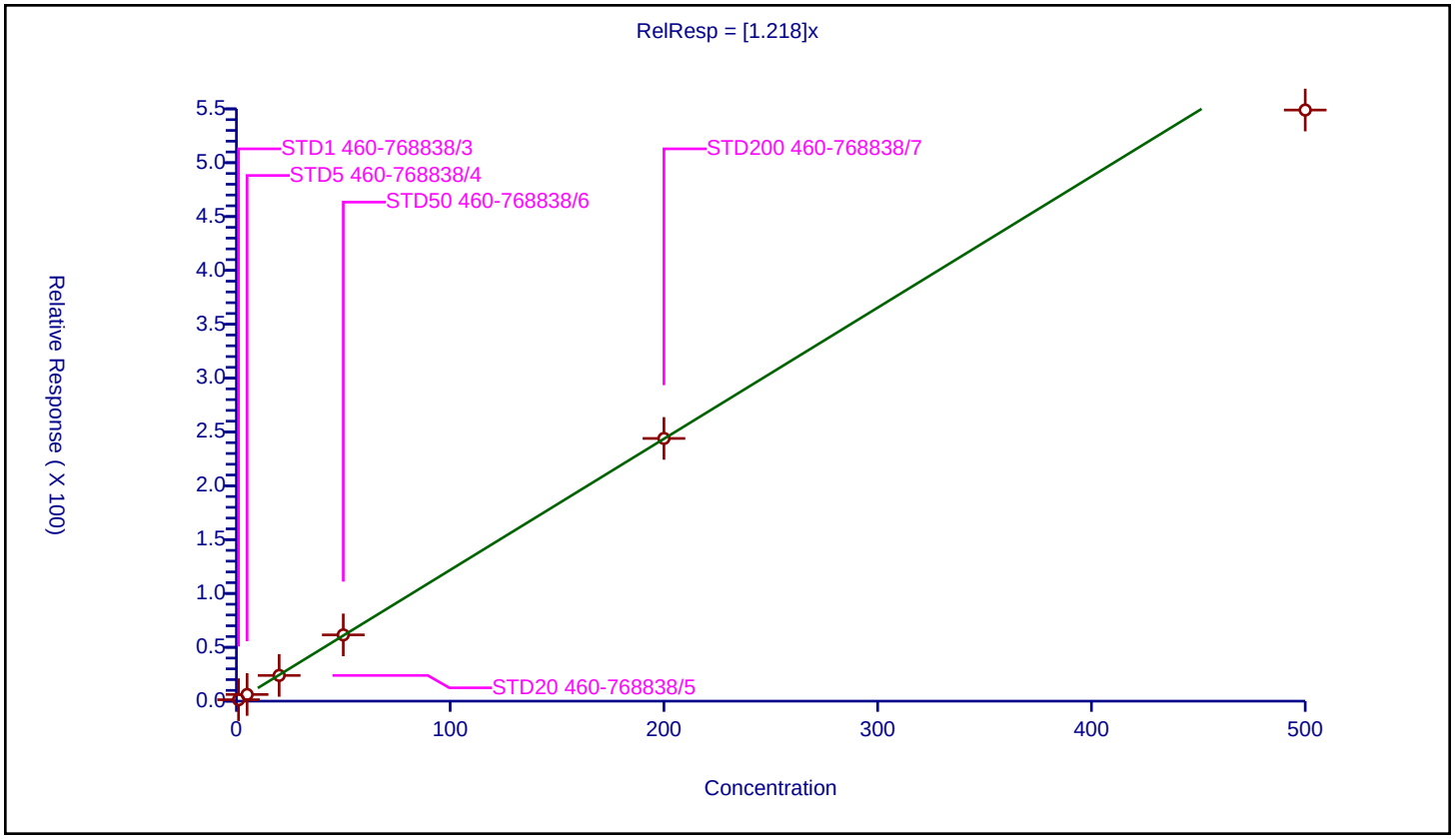
Curve Coefficients

Intercept:	0
Slope:	1.218

Error Coefficients

Standard Error:	3870000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.33005	50.0	506936.0	1.33005	Y
2	STD5 460-768838/4	5.0	6.184062	50.0	536298.0	1.236812	Y
3	STD20 460-768838/5	20.0	23.870393	50.0	574536.0	1.19352	Y
4	STD50 460-768838/6	50.0	61.51679	50.0	585493.0	1.230336	Y
5	STD200 460-768838/7	200.0	243.957803	50.0	648572.0	1.219789	Y
6	STD500 460-768838/8	500.0	548.939016	50.0	730737.0	1.097878	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

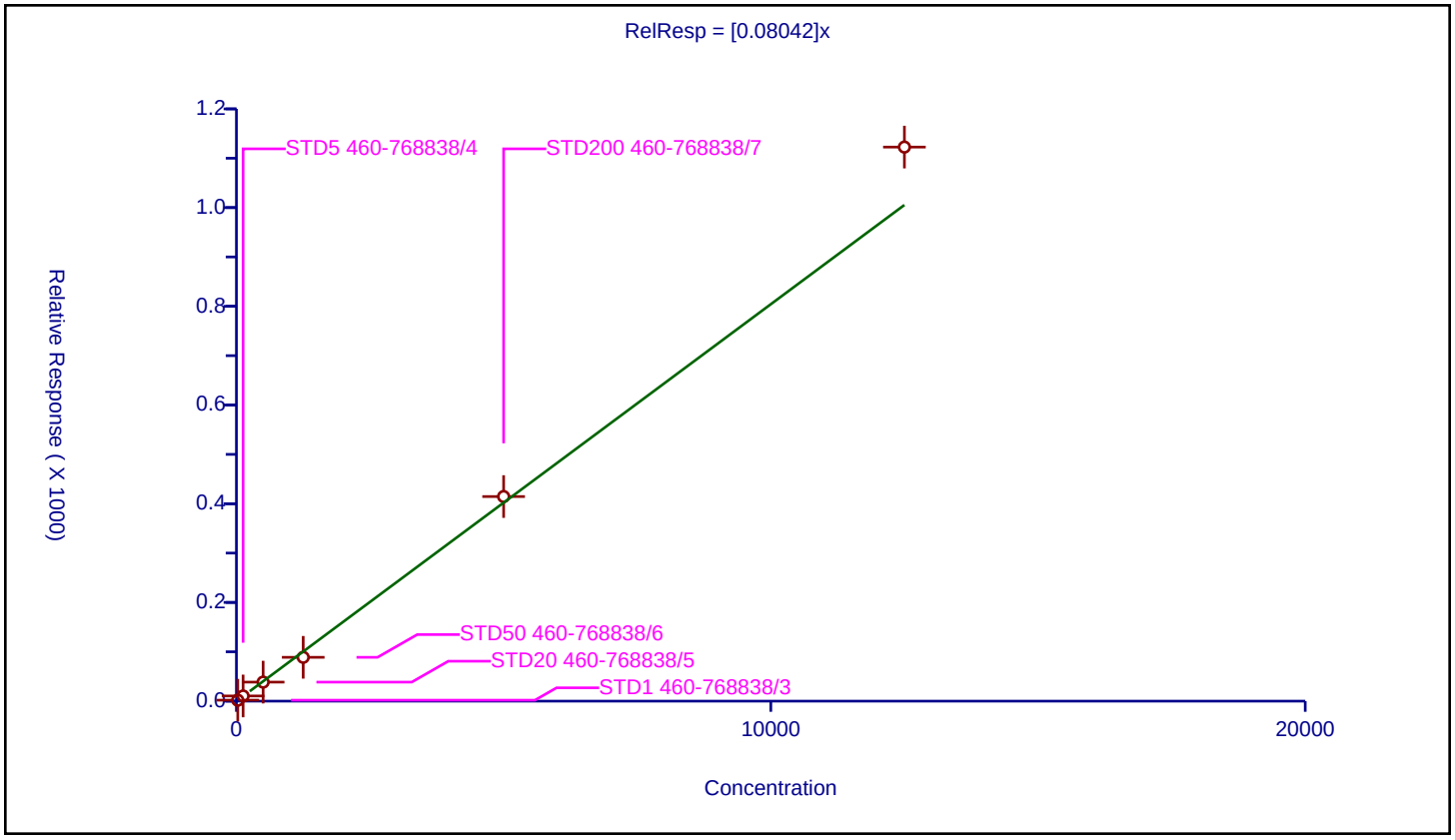
Curve Coefficients

Intercept:	0
Slope:	0.08042

Error Coefficients

Standard Error:	368000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	25.0	1.94253	1000.0	555976.0	0.077701	Y
2	STD5 460-768838/4	125.0	10.506108	1000.0	590704.0	0.084049	Y
3	STD20 460-768838/5	500.0	38.531625	1000.0	676639.0	0.077063	Y
4	STD50 460-768838/6	1250.0	88.783186	1000.0	768400.0	0.071027	Y
5	STD200 460-768838/7	5000.0	414.510355	1000.0	762297.0	0.082902	Y
6	STD500 460-768838/8	12500.0	1122.59408	1000.0	674690.0	0.089808	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

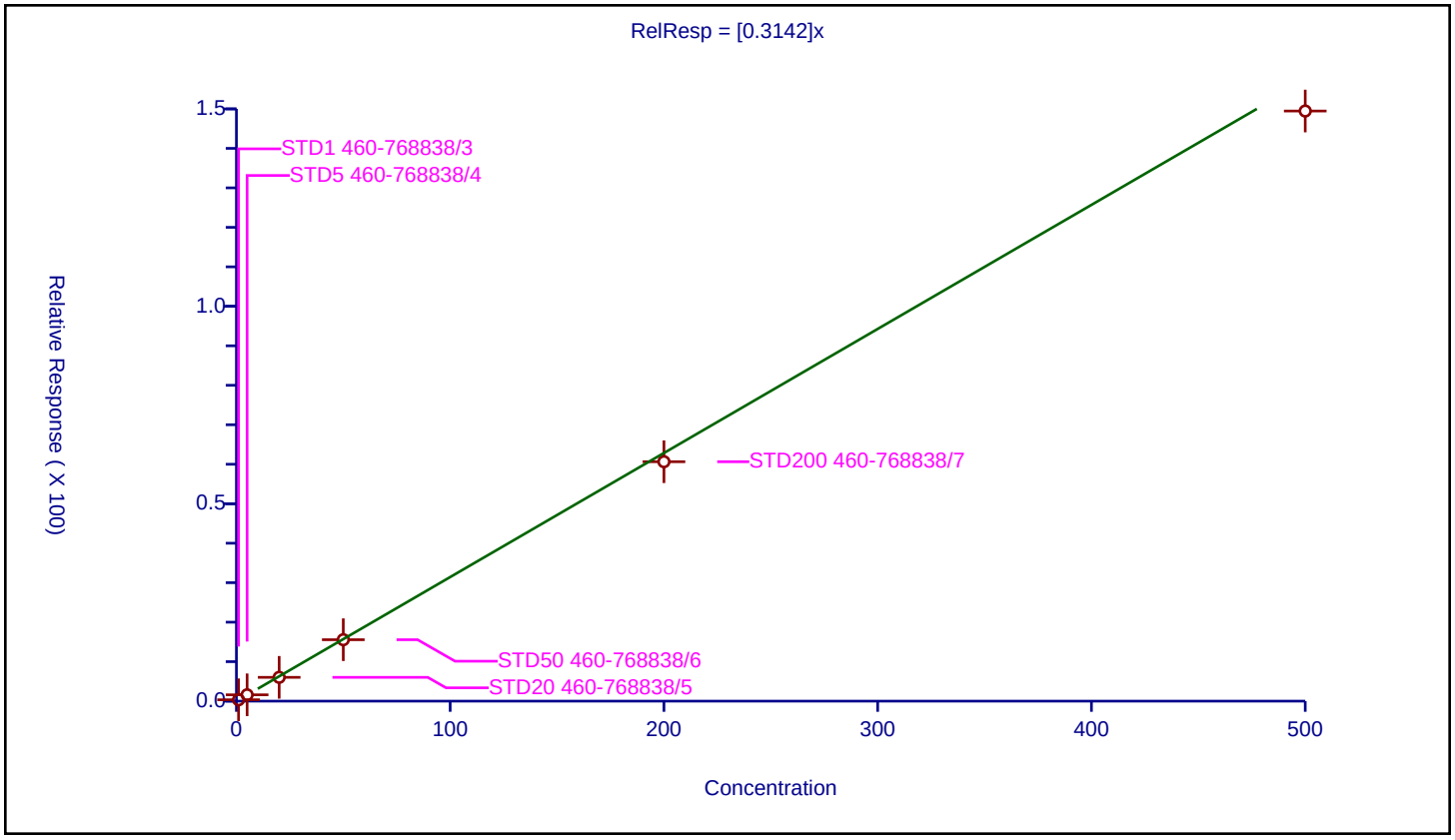
Curve Coefficients

Intercept:	0
Slope:	0.3142

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.350252	50.0	610989.0	0.350252	Y
2	STD5 460-768838/4	5.0	1.601565	50.0	629447.0	0.320313	Y
3	STD20 460-768838/5	20.0	6.030182	50.0	665693.0	0.301509	Y
4	STD50 460-768838/6	50.0	15.55724	50.0	680847.0	0.311145	Y
5	STD200 460-768838/7	200.0	60.642554	50.0	756933.0	0.303213	Y
6	STD500 460-768838/8	500.0	149.461477	50.0	802194.0	0.298923	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

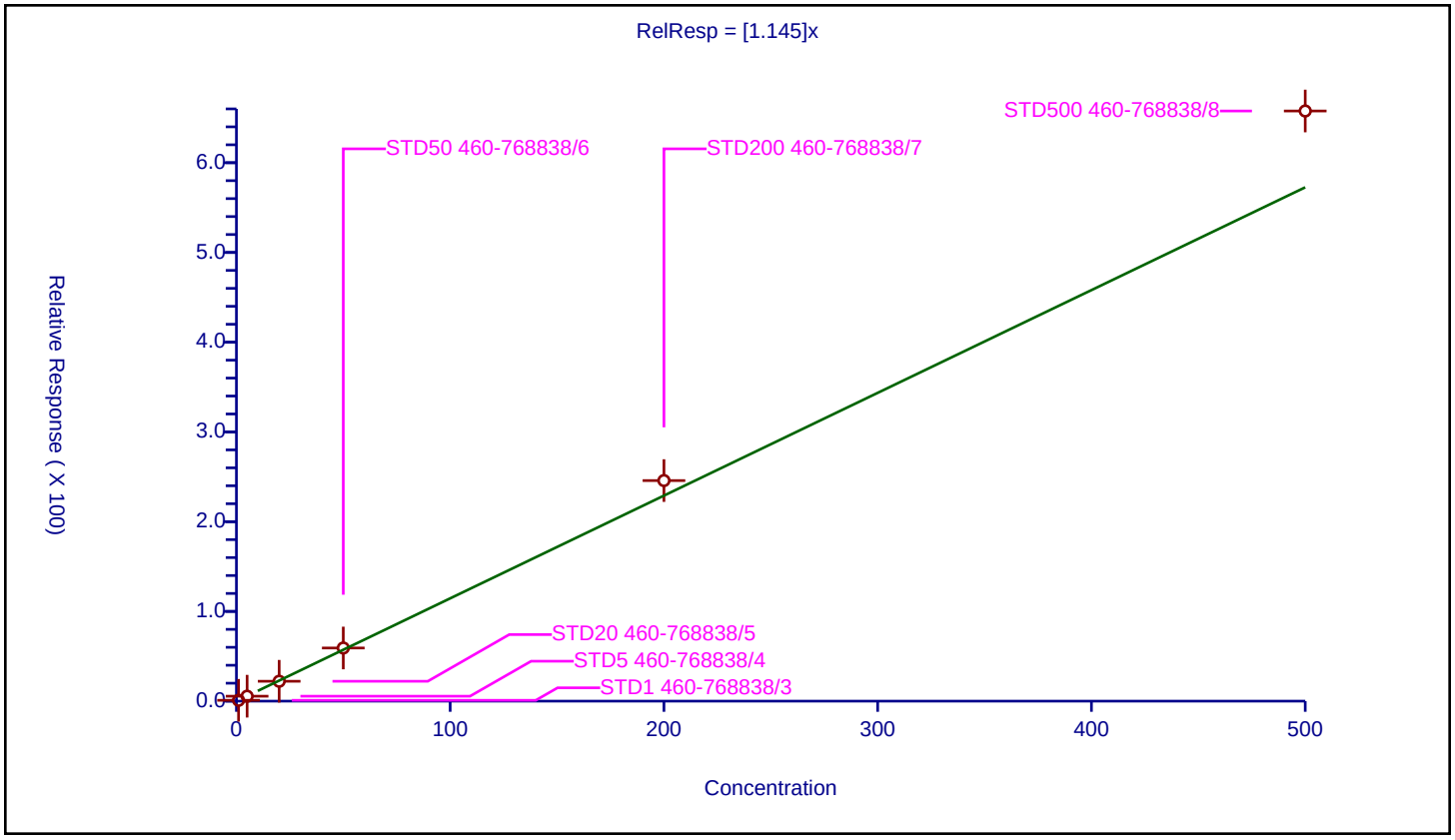
Curve Coefficients

Intercept:	0
Slope:	1.145

Error Coefficients

Standard Error:	5020000
Relative Standard Error:	11.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.935778	50.0	610989.0	0.935778	Y
2	STD5 460-768838/4	5.0	5.491805	50.0	629447.0	1.098361	Y
3	STD20 460-768838/5	20.0	22.158638	50.0	665693.0	1.107932	Y
4	STD50 460-768838/6	50.0	59.22498	50.0	680847.0	1.1845	Y
5	STD200 460-768838/7	200.0	245.812707	50.0	756933.0	1.229064	Y
6	STD500 460-768838/8	500.0	657.650768	50.0	802194.0	1.315302	Y



Calibration / Isopropyl acetate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

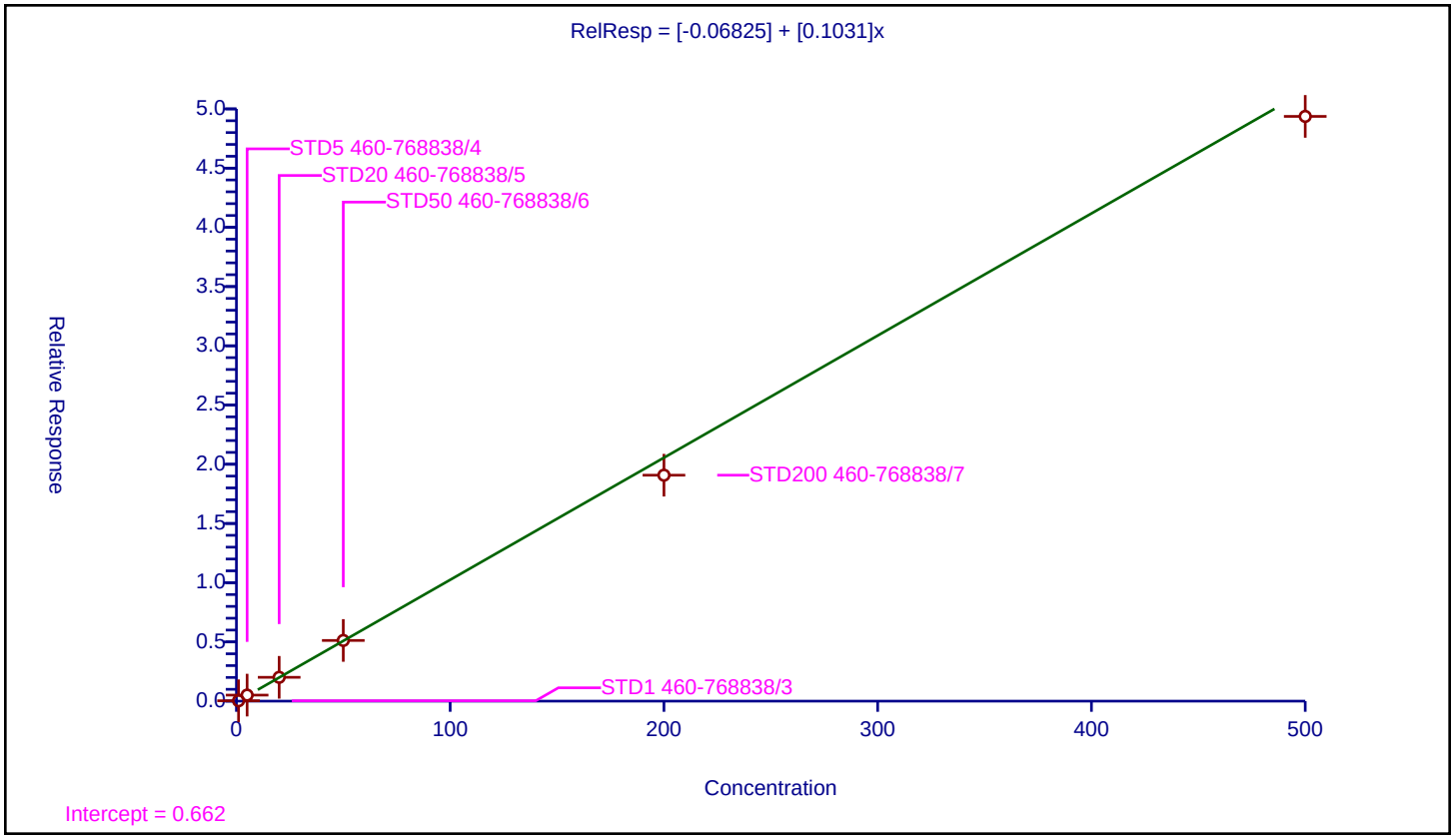
Curve Coefficients

Intercept:	-0.06825
Slope:	0.1031

Error Coefficients

Standard Error:	423000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.032325	50.0	610989.0	0.032325	Y
2	STD5 460-768838/4	5.0	0.51021	50.0	629447.0	0.102042	Y
3	STD20 460-768838/5	20.0	2.010536	50.0	665693.0	0.100527	Y
4	STD50 460-768838/6	50.0	5.122737	50.0	680847.0	0.102455	Y
5	STD200 460-768838/7	200.0	19.076457	50.0	756933.0	0.095382	Y
6	STD500 460-768838/8	500.0	49.365802	50.0	802194.0	0.098732	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

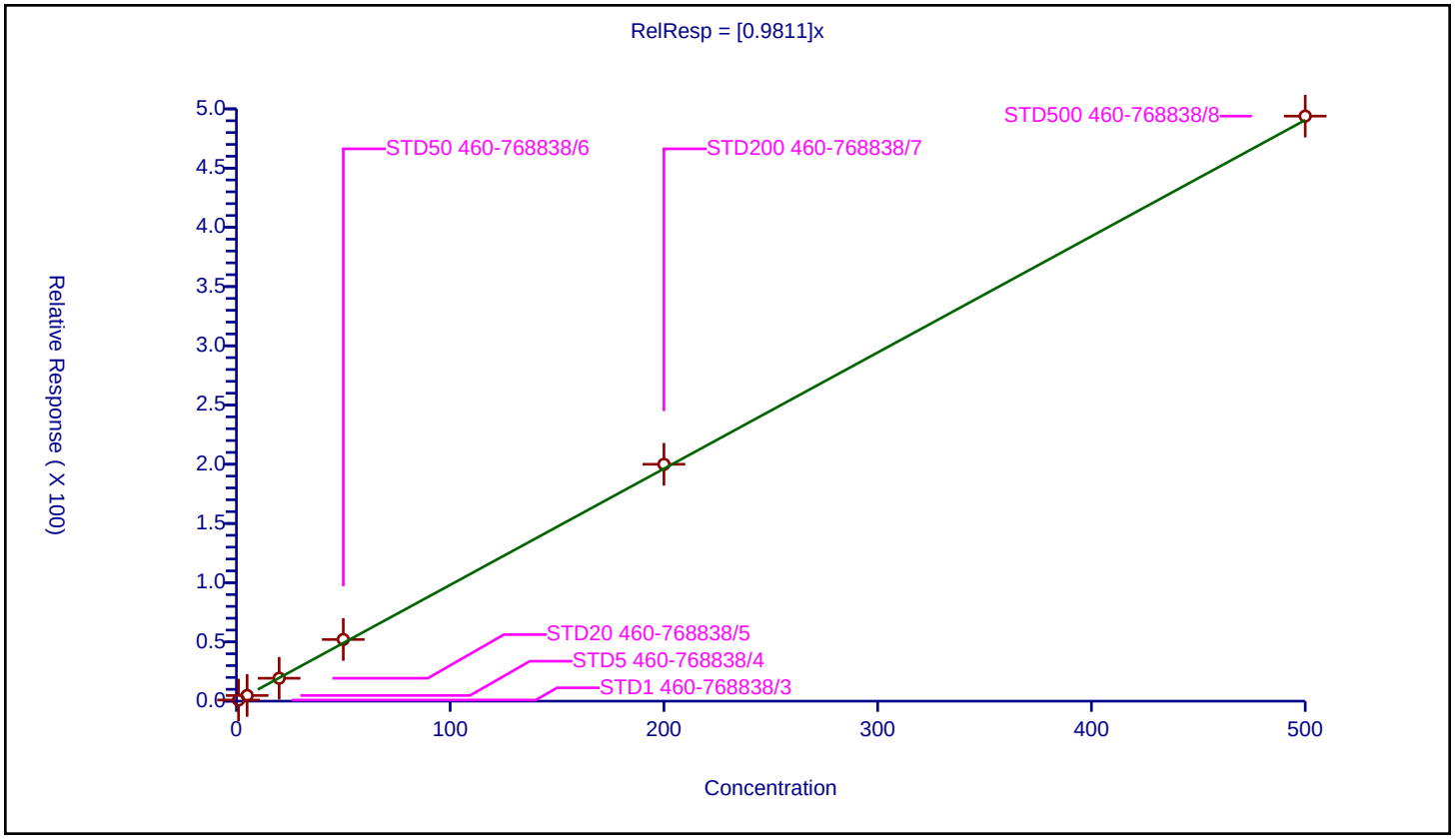
Curve Coefficients

Intercept:	0
Slope:	0.9811

Error Coefficients

Standard Error:	3810000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.934059	50.0	610989.0	0.934059	Y
2	STD5 460-768838/4	5.0	4.785391	50.0	629447.0	0.957078	Y
3	STD20 460-768838/5	20.0	19.33241	50.0	665693.0	0.96662	Y
4	STD50 460-768838/6	50.0	52.067572	50.0	680847.0	1.041351	Y
5	STD200 460-768838/7	200.0	199.981306	50.0	756933.0	0.999907	Y
6	STD500 460-768838/8	500.0	493.902223	50.0	802194.0	0.987804	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

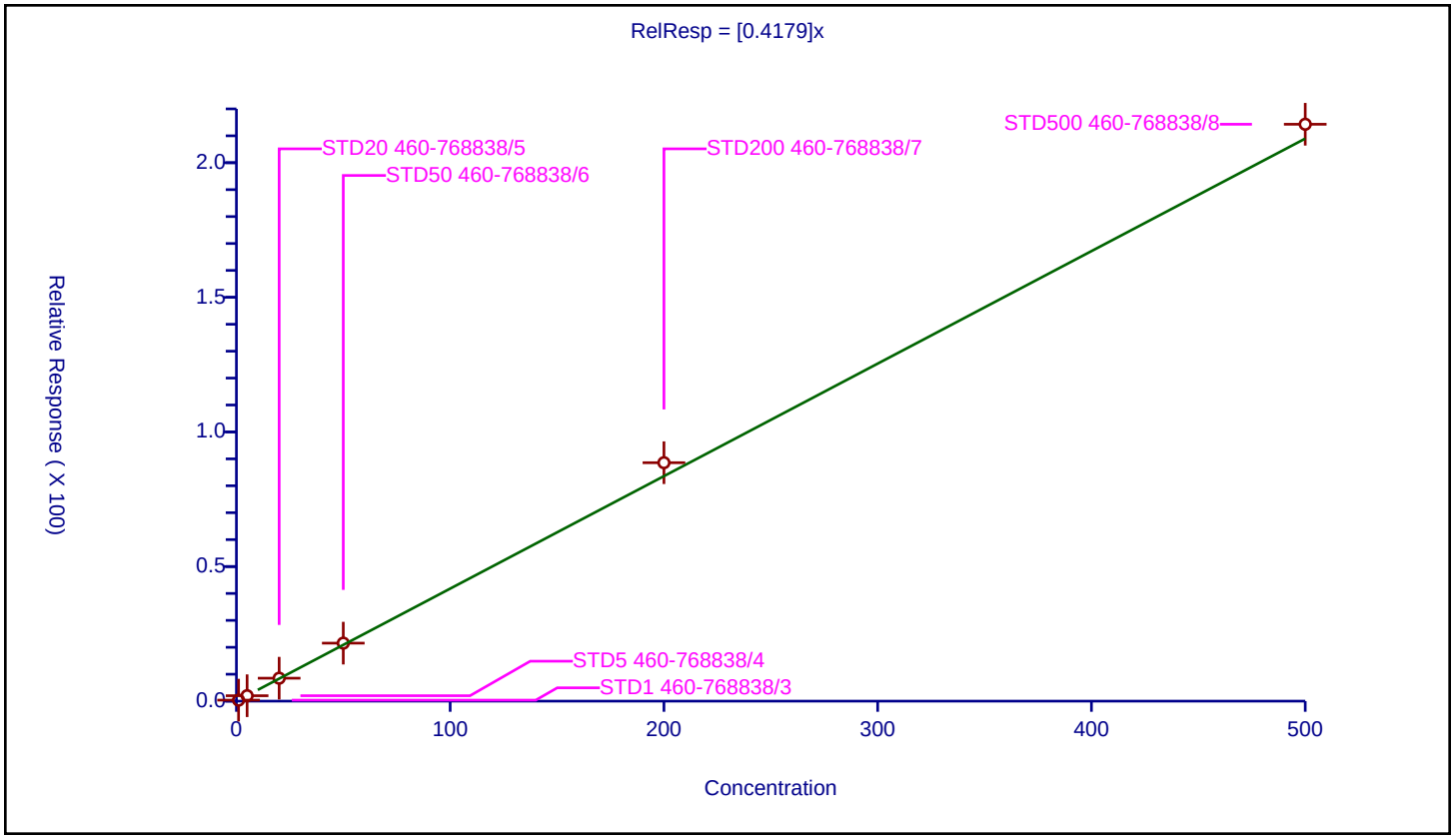
Curve Coefficients

Intercept:	0
Slope:	0.4179

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.375621	50.0	610989.0	0.375621	Y
2	STD5 460-768838/4	5.0	2.015579	50.0	629447.0	0.403116	Y
3	STD20 460-768838/5	20.0	8.52773	50.0	665693.0	0.426386	Y
4	STD50 460-768838/6	50.0	21.544855	50.0	680847.0	0.430897	Y
5	STD200 460-768838/7	200.0	88.571644	50.0	756933.0	0.442858	Y
6	STD500 460-768838/8	500.0	214.289499	50.0	802194.0	0.428579	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

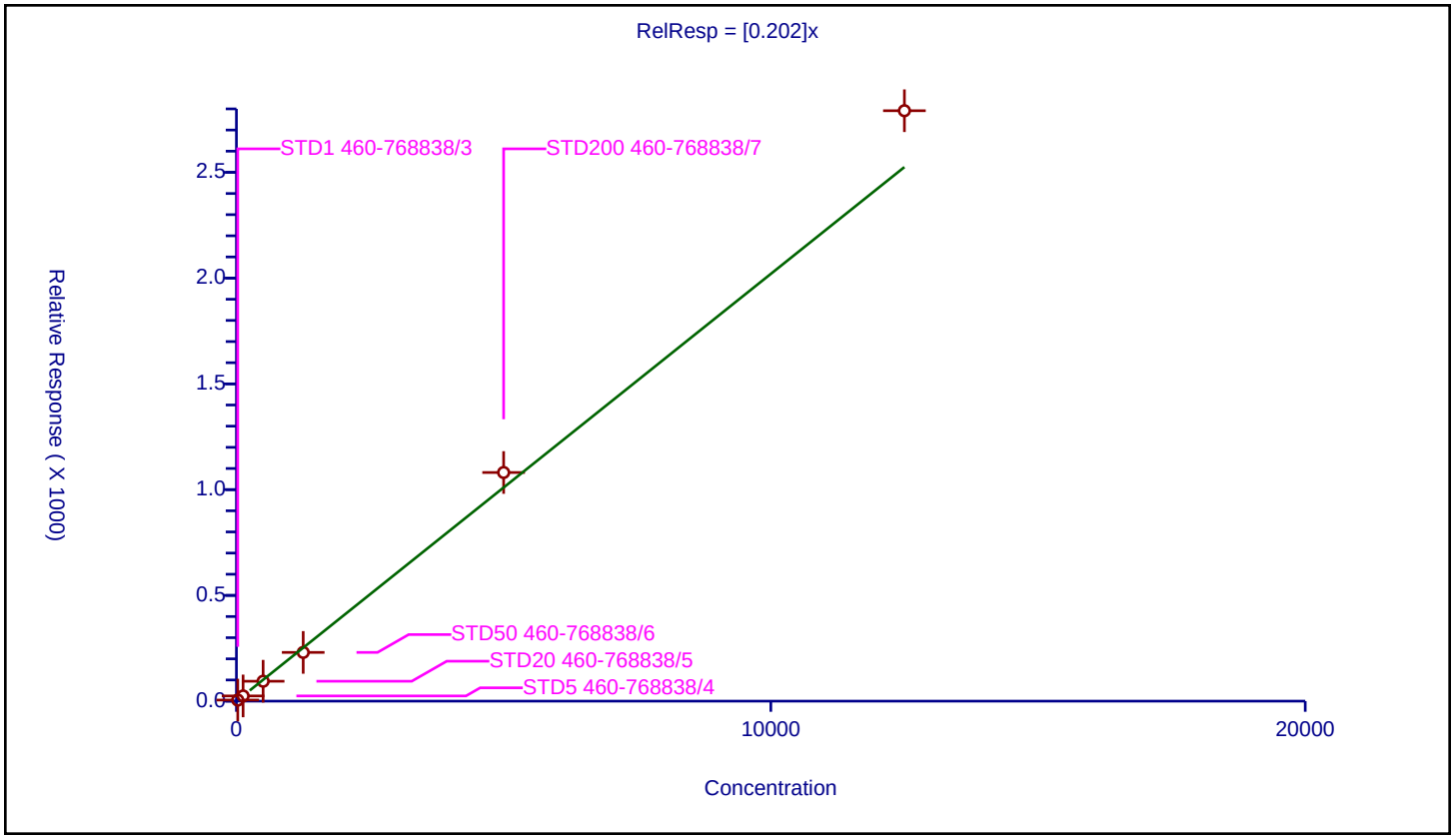
Curve Coefficients

Intercept:	0
Slope:	0.202

Error Coefficients

Standard Error:	922000
Relative Standard Error:	7.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	25.0	5.075759	1000.0	555976.0	0.20303	Y
2	STD5 460-768838/4	125.0	24.623162	1000.0	590704.0	0.196985	Y
3	STD20 460-768838/5	500.0	94.072319	1000.0	676639.0	0.188145	Y
4	STD50 460-768838/6	1250.0	230.361791	1000.0	768400.0	0.184289	Y
5	STD200 460-768838/7	5000.0	1080.948764	1000.0	762297.0	0.21619	Y
6	STD500 460-768838/8	12500.0	2791.281922	1000.0	674690.0	0.223303	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

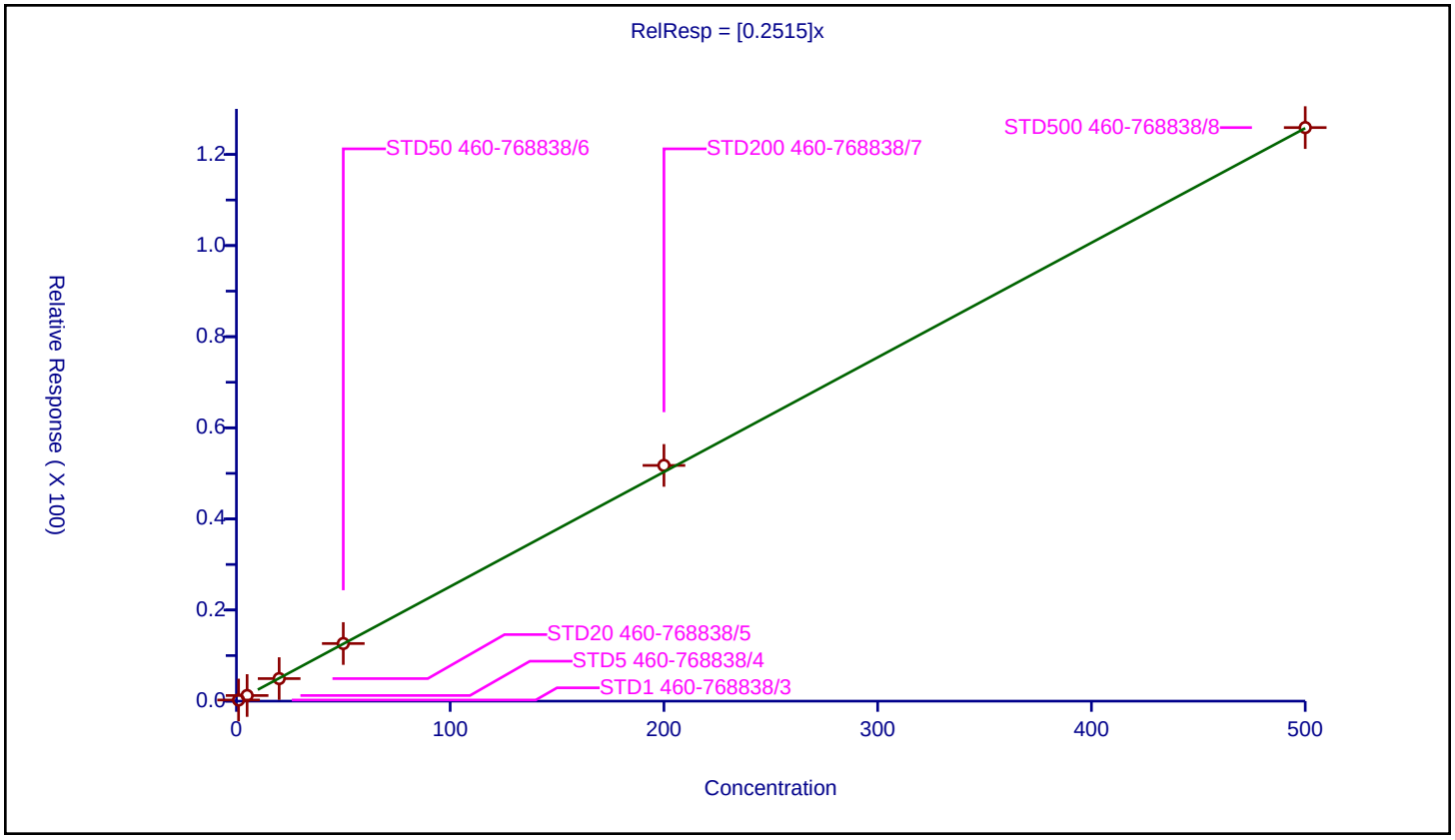
Curve Coefficients

Intercept:	0
Slope:	0.2515

Error Coefficients

Standard Error:	972000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.250659	50.0	610989.0	0.250659	Y
2	STD5 460-768838/4	5.0	1.237912	50.0	629447.0	0.247582	Y
3	STD20 460-768838/5	20.0	4.949954	50.0	665693.0	0.247498	Y
4	STD50 460-768838/6	50.0	12.649024	50.0	680847.0	0.25298	Y
5	STD200 460-768838/7	200.0	51.7417	50.0	756933.0	0.258708	Y
6	STD500 460-768838/8	500.0	125.893612	50.0	802194.0	0.251787	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

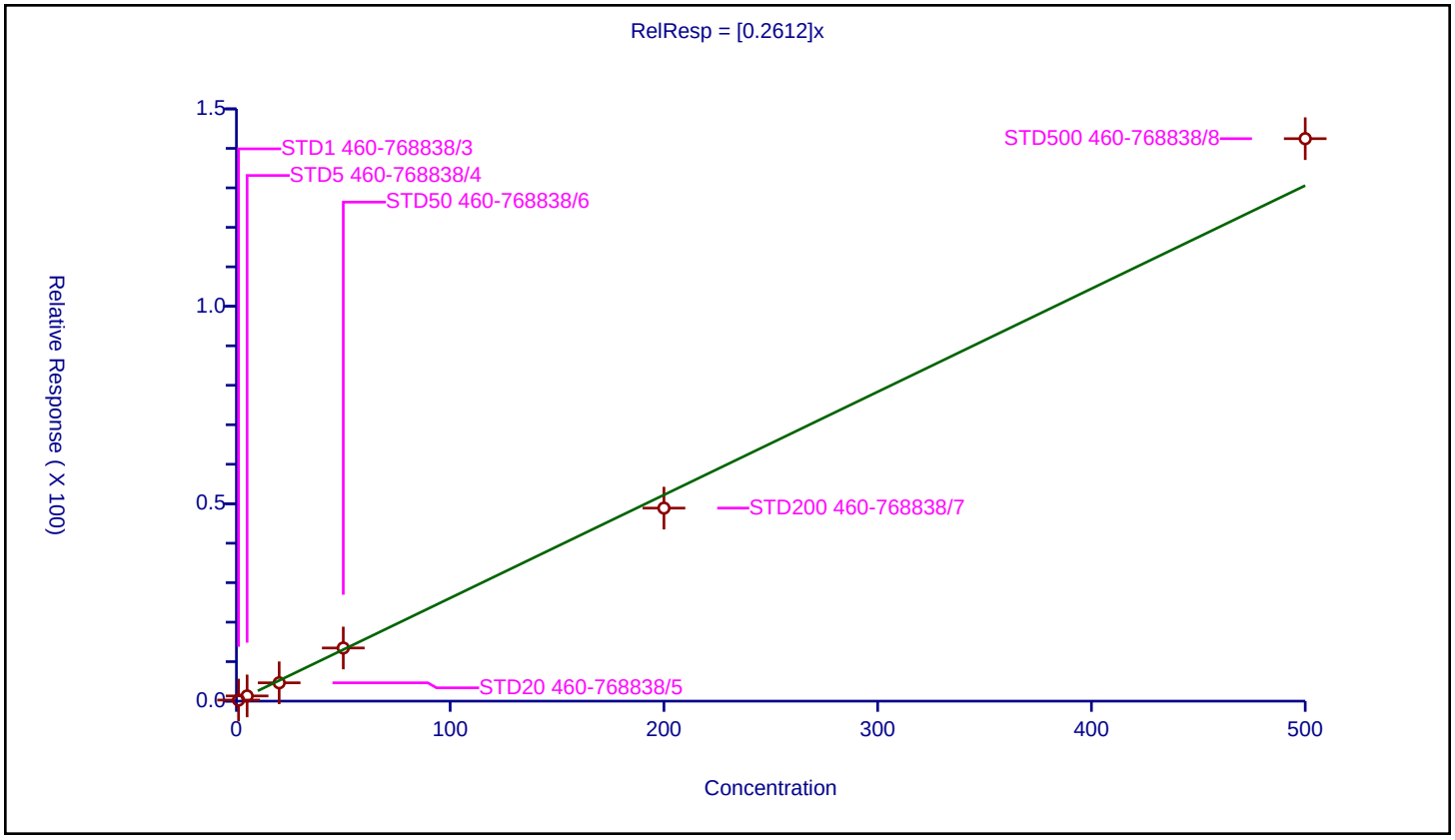
Curve Coefficients

Intercept:	0
Slope:	0.2612

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	7.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.272836	50.0	610989.0	0.272836	Y
2	STD5 460-768838/4	5.0	1.317188	50.0	629447.0	0.263438	Y
3	STD20 460-768838/5	20.0	4.641178	50.0	665693.0	0.232059	Y
4	STD50 460-768838/6	50.0	13.462129	50.0	680847.0	0.269243	Y
5	STD200 460-768838/7	200.0	48.890919	50.0	756933.0	0.244455	Y
6	STD500 460-768838/8	500.0	142.460926	50.0	802194.0	0.284922	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

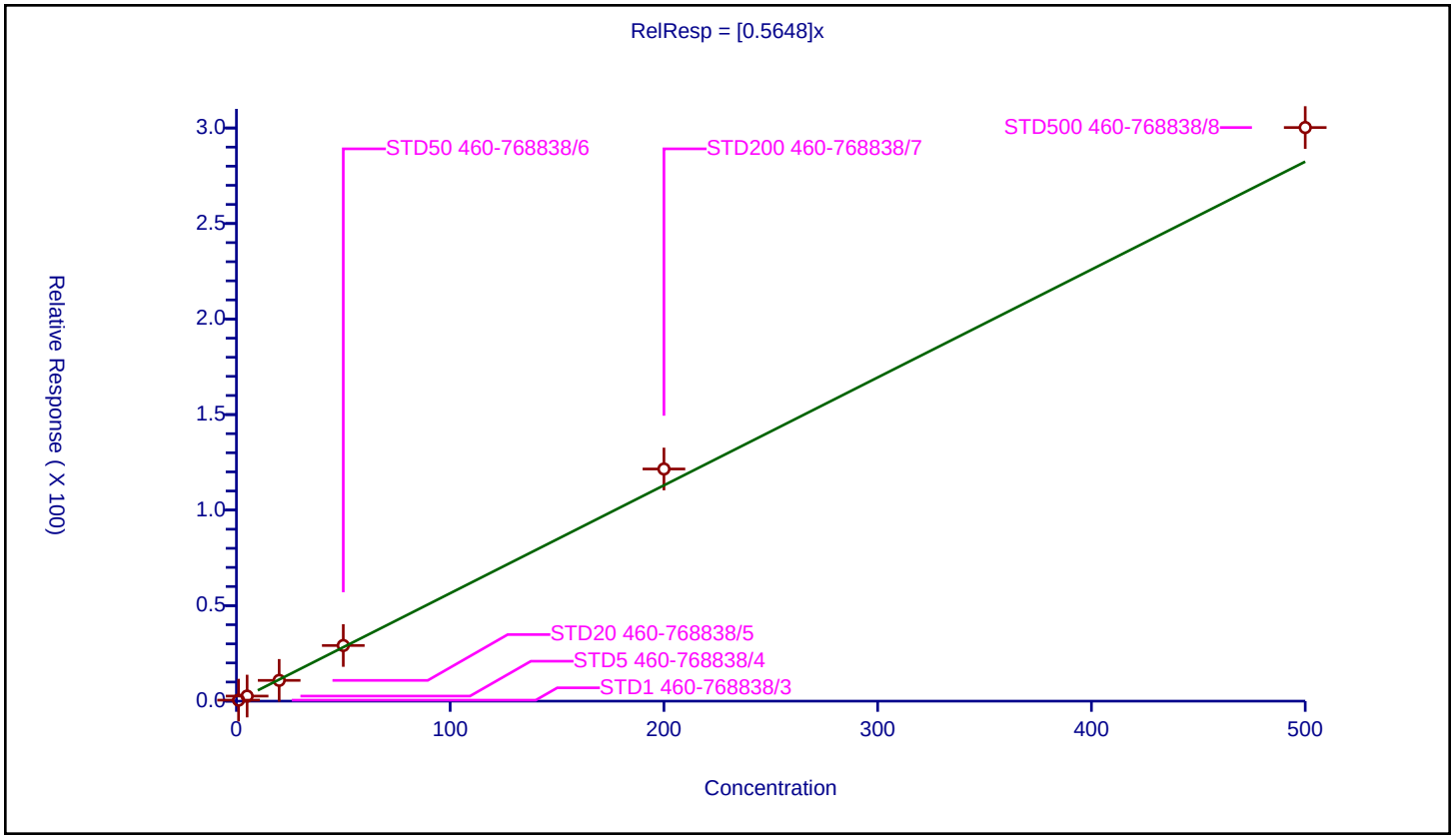
Curve Coefficients

Intercept:	0
Slope:	0.5648

Error Coefficients

Standard Error:	2310000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.524314	50.0	610989.0	0.524314	Y
2	STD5 460-768838/4	5.0	2.65066	50.0	629447.0	0.530132	Y
3	STD20 460-768838/5	20.0	10.870852	50.0	665693.0	0.543543	Y
4	STD50 460-768838/6	50.0	29.126147	50.0	680847.0	0.582523	Y
5	STD200 460-768838/7	200.0	121.515709	50.0	756933.0	0.607579	Y
6	STD500 460-768838/8	500.0	300.238471	50.0	802194.0	0.600477	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

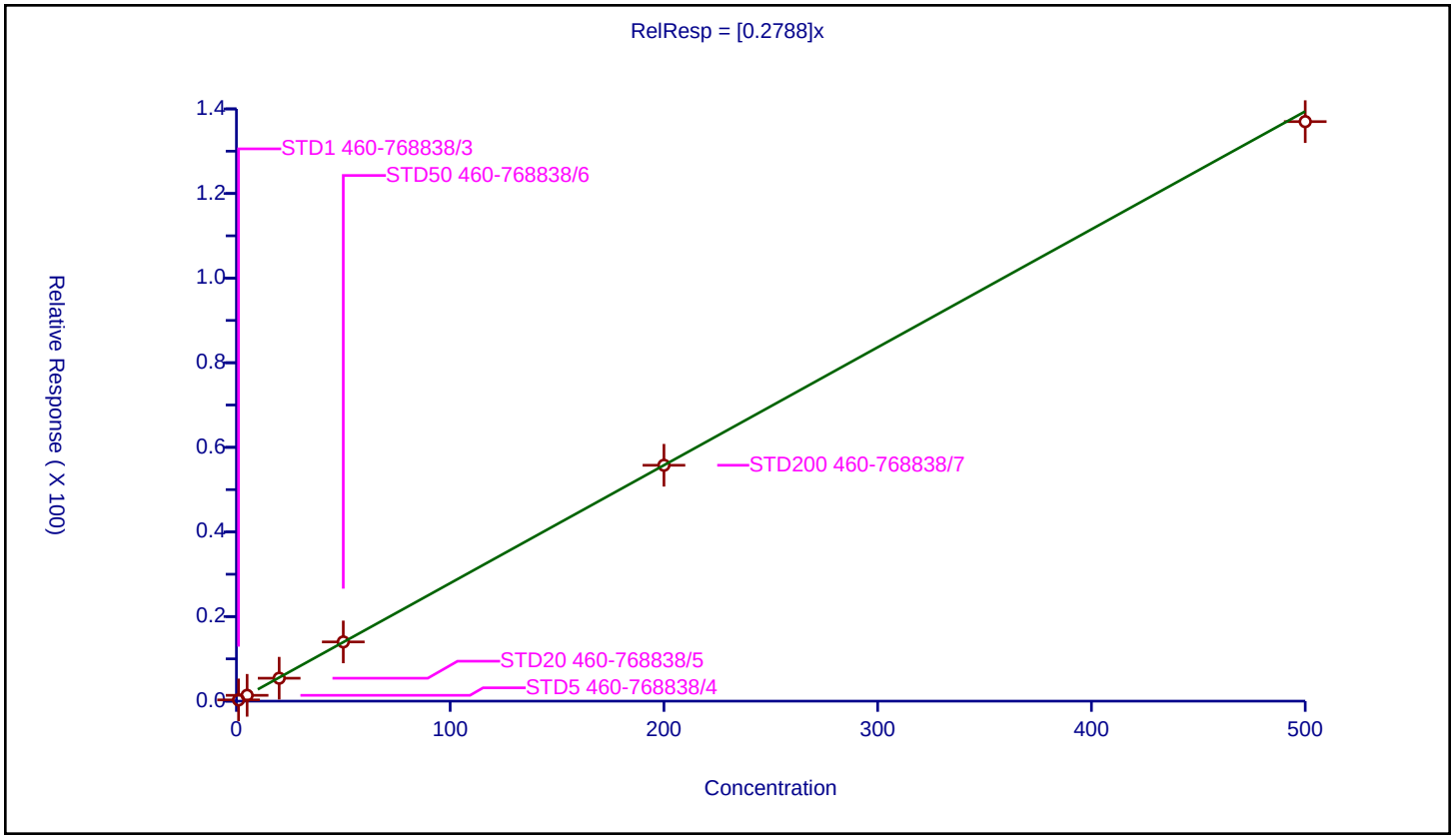
Curve Coefficients

Intercept:	0
Slope:	0.2788

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.294113	50.0	610989.0	0.294113	Y
2	STD5 460-768838/4	5.0	1.376685	50.0	629447.0	0.275337	Y
3	STD20 460-768838/5	20.0	5.414883	50.0	665693.0	0.270744	Y
4	STD50 460-768838/6	50.0	14.000209	50.0	680847.0	0.280004	Y
5	STD200 460-768838/7	200.0	55.759493	50.0	756933.0	0.278797	Y
6	STD500 460-768838/8	500.0	136.988372	50.0	802194.0	0.273977	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

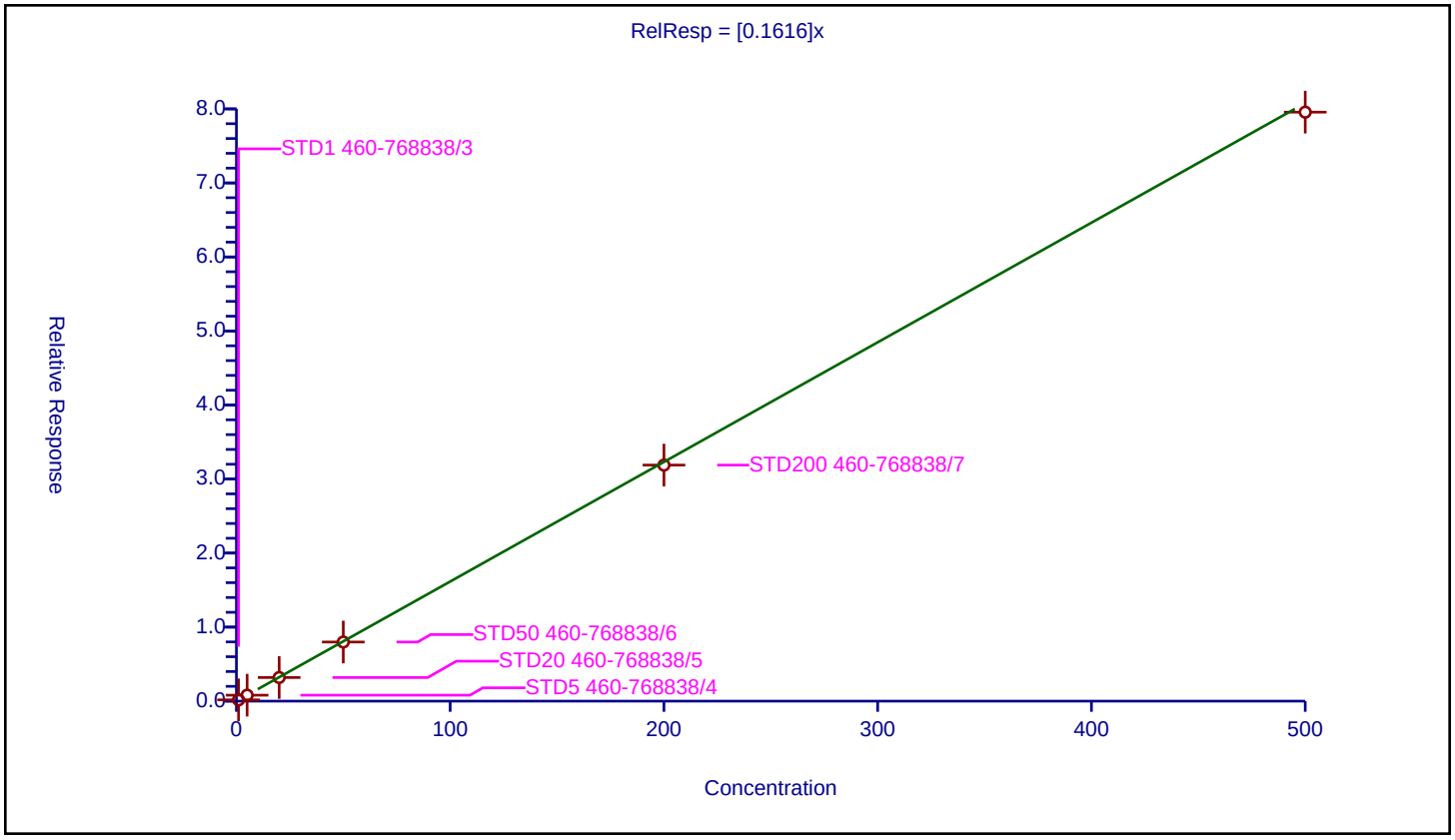
Curve Coefficients

Intercept:	0
Slope:	0.1616

Error Coefficients

Standard Error:	613000
Relative Standard Error:	2.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.170871	50.0	610989.0	0.170871	Y
2	STD5 460-768838/4	5.0	0.804595	50.0	629447.0	0.160919	Y
3	STD20 460-768838/5	20.0	3.187956	50.0	665693.0	0.159398	Y
4	STD50 460-768838/6	50.0	7.983952	50.0	680847.0	0.159679	Y
5	STD200 460-768838/7	200.0	31.883073	50.0	756933.0	0.159415	Y
6	STD500 460-768838/8	500.0	79.561365	50.0	802194.0	0.159123	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

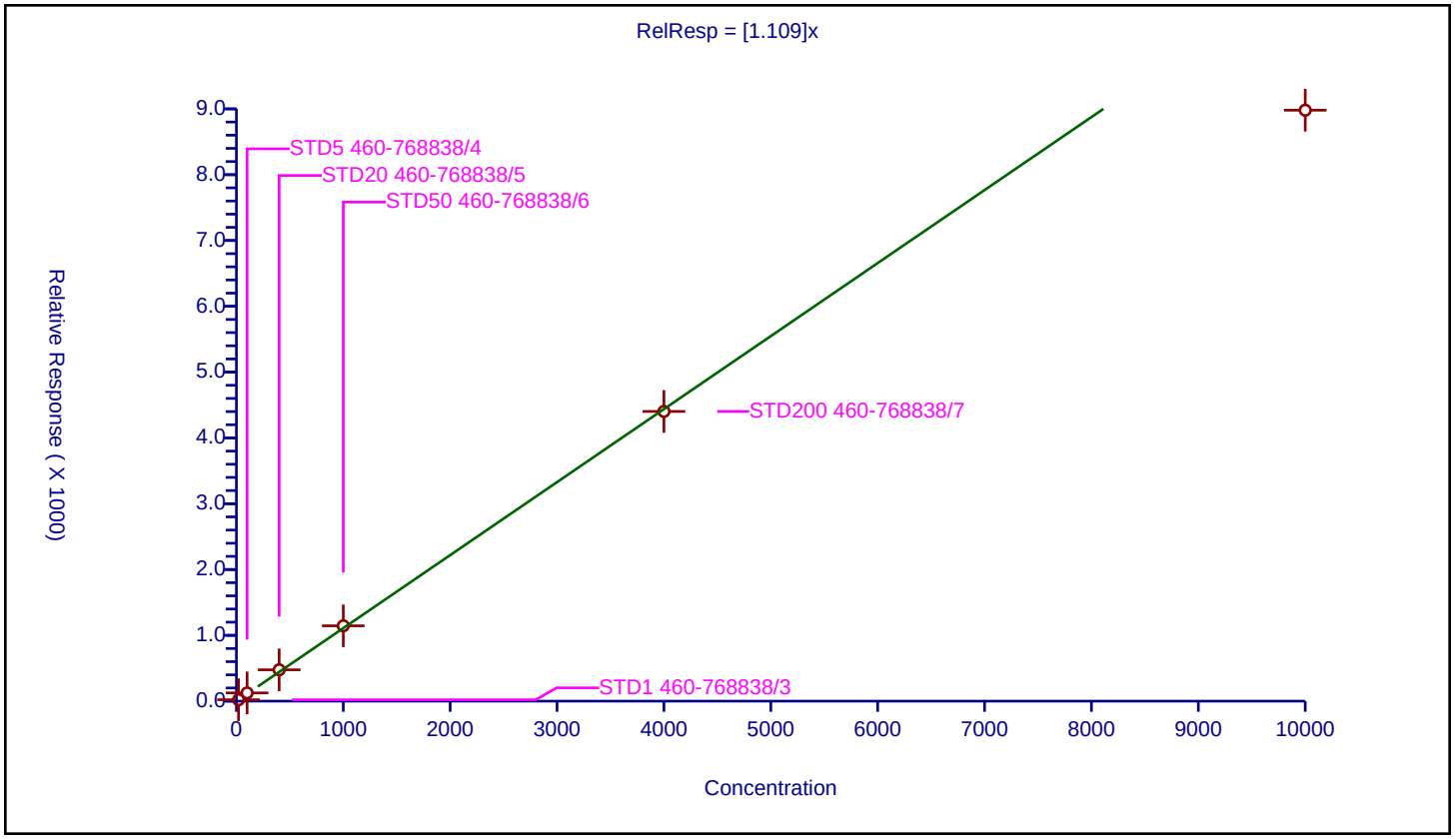
Curve Coefficients

Intercept:	0
Slope:	1.109

Error Coefficients

Standard Error:	209000
Relative Standard Error:	11.0
Correlation Coefficient:	0.974
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	20.0	21.395859	1000.0	41924.0	1.069793	Y
2	STD5 460-768838/4	100.0	125.360881	1000.0	44336.0	1.253609	Y
3	STD20 460-768838/5	400.0	476.01287	1000.0	48797.0	1.190032	Y
4	STD50 460-768838/6	1000.0	1144.758137	1000.0	50049.0	1.144758	Y
5	STD200 460-768838/7	4000.0	4402.406015	1000.0	53200.0	1.100602	Y
6	STD500 460-768838/8	10000.0	8979.702271	1000.0	46015.0	0.89797	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

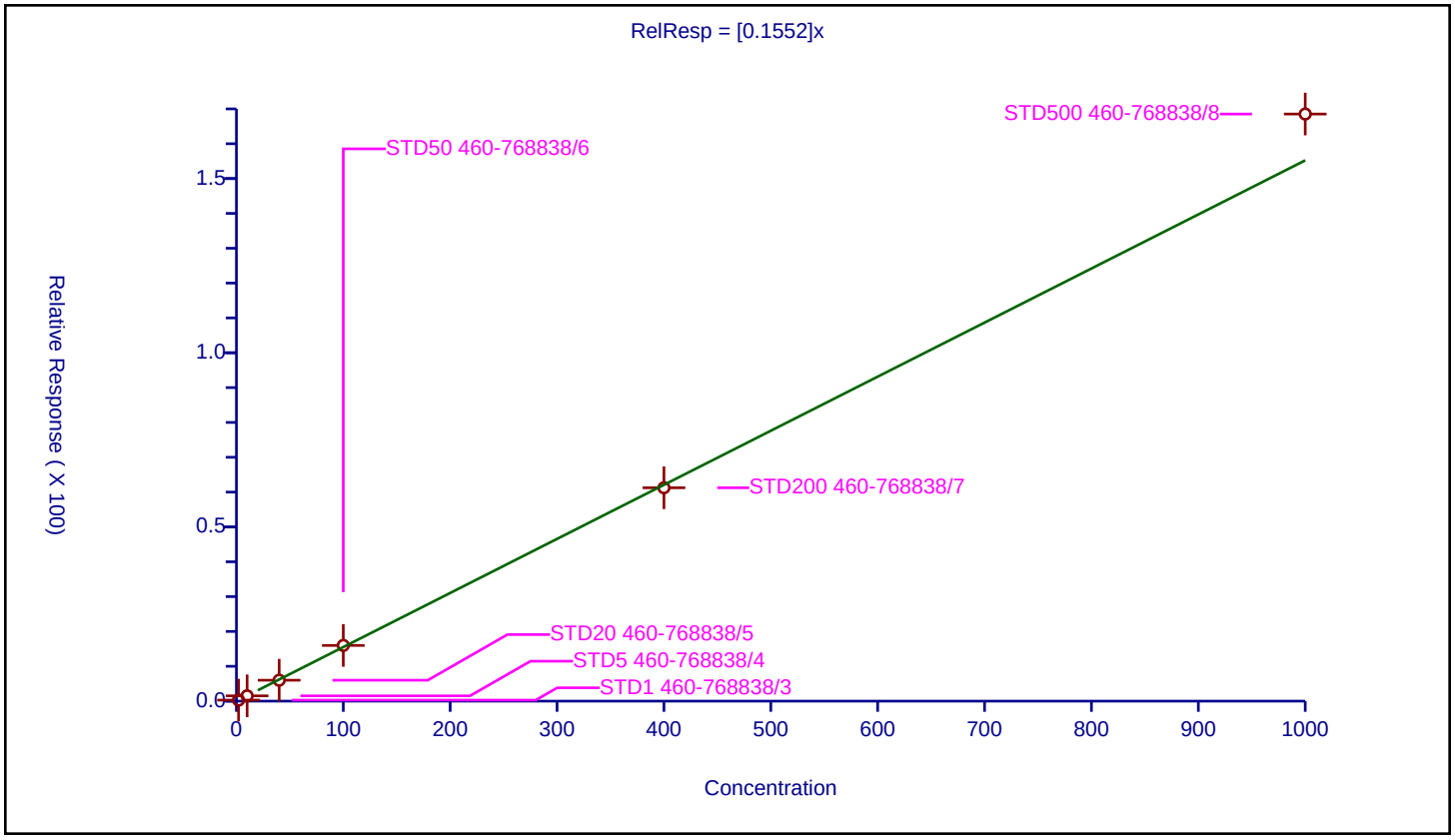
Curve Coefficients

Intercept:	0
Slope:	0.1552

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	5.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	2.0	0.29575	50.0	610989.0	0.147875	Y
2	STD5 460-768838/4	10.0	1.518317	50.0	629447.0	0.151832	Y
3	STD20 460-768838/5	40.0	6.002917	50.0	665693.0	0.150073	Y
4	STD50 460-768838/6	100.0	15.993167	50.0	680847.0	0.159932	Y
5	STD200 460-768838/7	400.0	61.247032	50.0	756933.0	0.153118	Y
6	STD500 460-768838/8	1000.0	168.526691	50.0	802194.0	0.168527	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

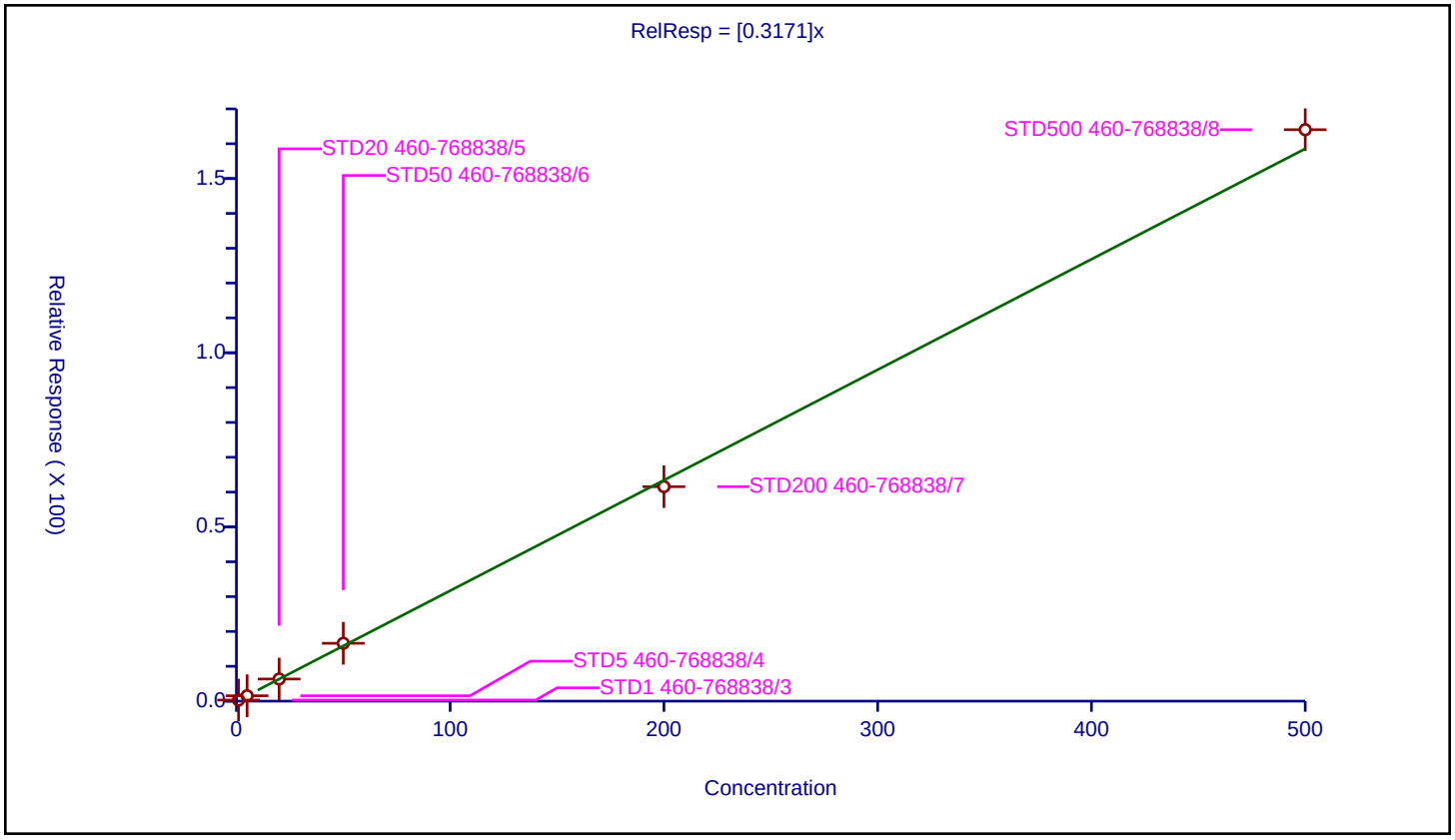
Curve Coefficients

Intercept:	0
Slope:	0.3171

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	3.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.308434	50.0	610989.0	0.308434	Y
2	STD5 460-768838/4	5.0	1.543021	50.0	629447.0	0.308604	Y
3	STD20 460-768838/5	20.0	6.352027	50.0	665693.0	0.317601	Y
4	STD50 460-768838/6	50.0	16.604318	50.0	680847.0	0.332086	Y
5	STD200 460-768838/7	200.0	61.560468	50.0	756933.0	0.307802	Y
6	STD500 460-768838/8	500.0	164.028527	50.0	802194.0	0.328057	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

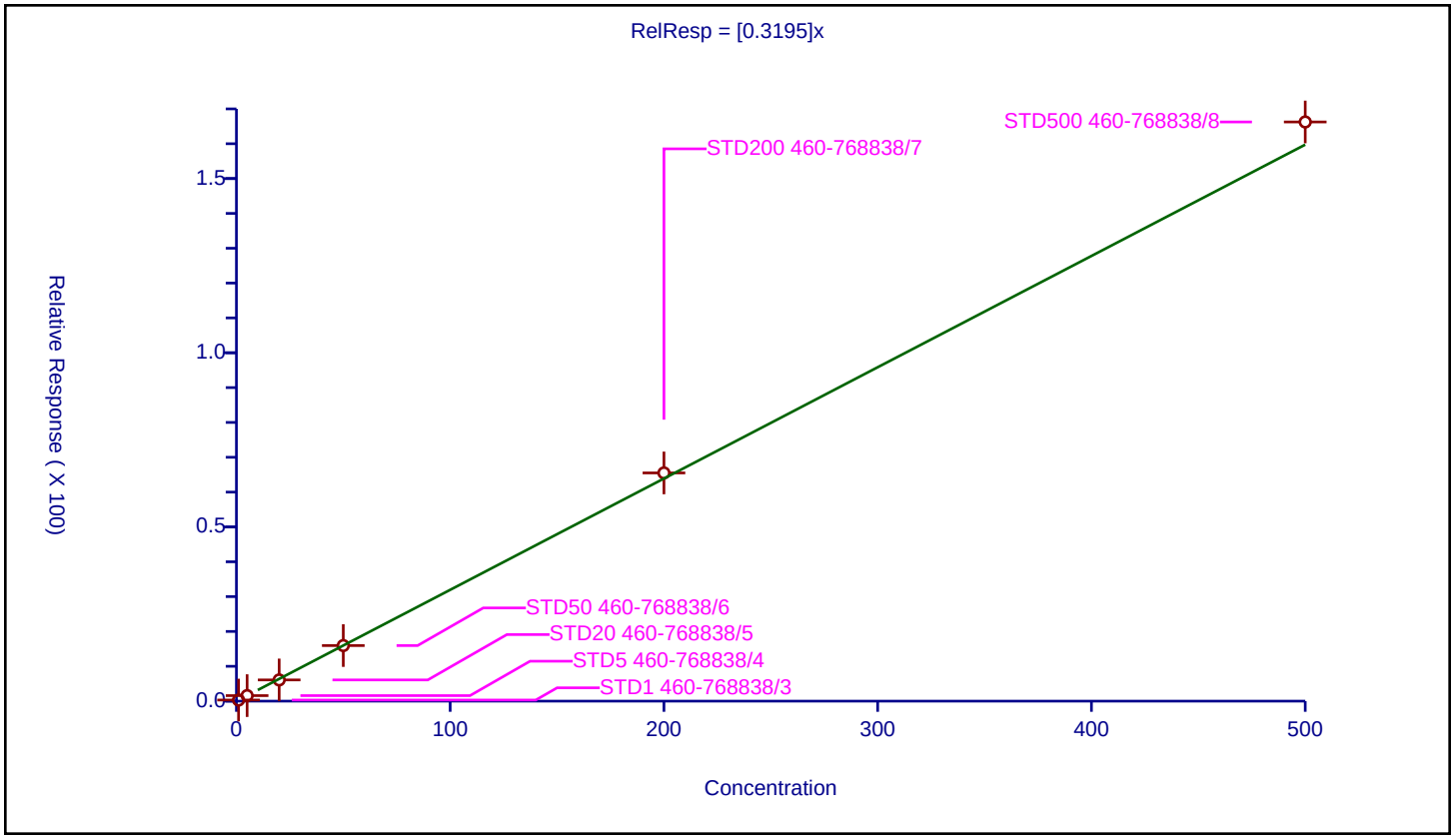
Curve Coefficients

Intercept:	0
Slope:	0.3195

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.315881	50.0	610989.0	0.315881	Y
2	STD5 460-768838/4	5.0	1.585916	50.0	629447.0	0.317183	Y
3	STD20 460-768838/5	20.0	6.092598	50.0	665693.0	0.30463	Y
4	STD50 460-768838/6	50.0	15.952703	50.0	680847.0	0.319054	Y
5	STD200 460-768838/7	200.0	65.507713	50.0	756933.0	0.327539	Y
6	STD500 460-768838/8	500.0	166.248626	50.0	802194.0	0.332497	Y



Calibration / 2-Nitropropane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

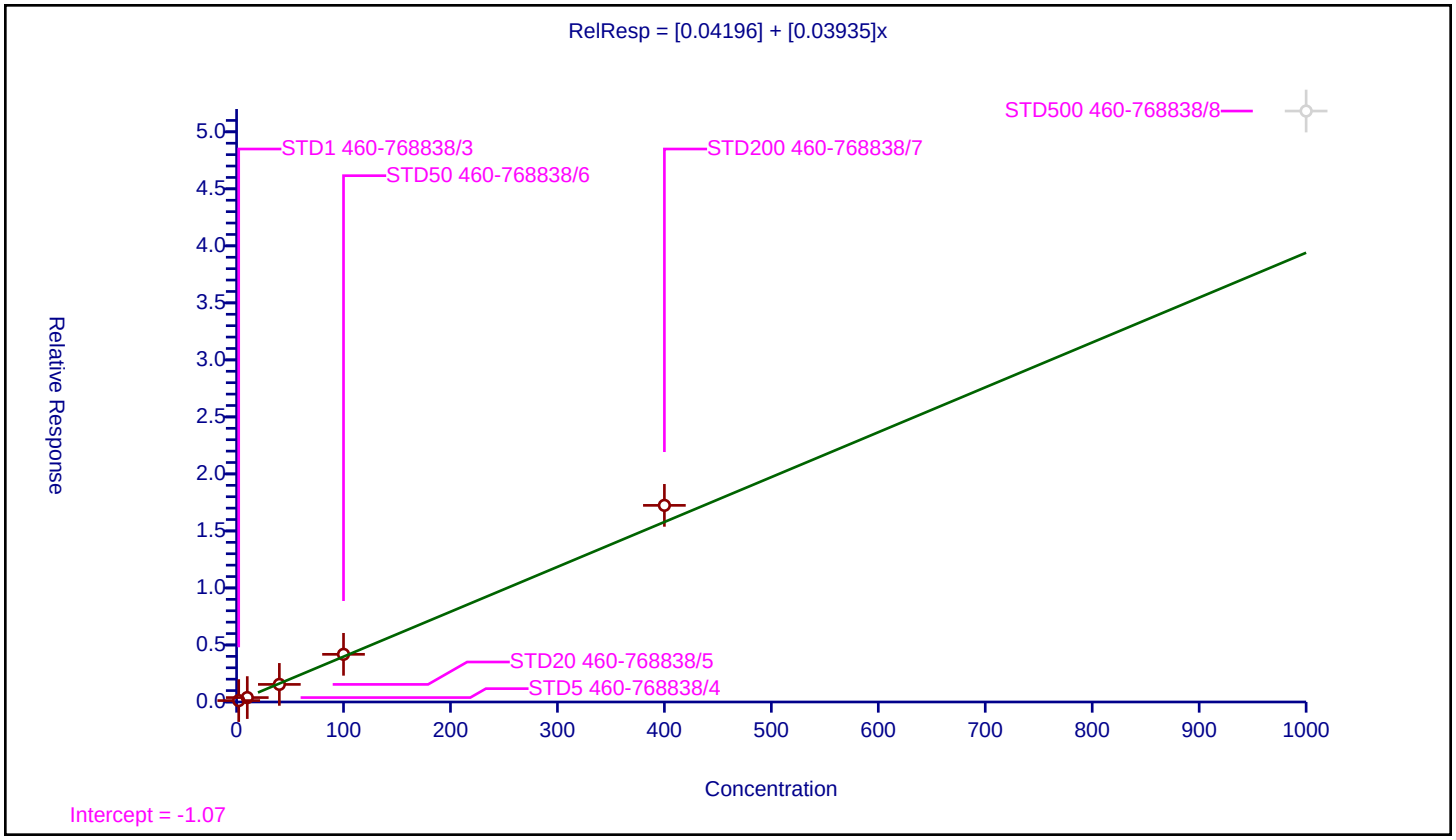
Curve Coefficients

Intercept:	0.04196
Slope:	0.03935

Error Coefficients

Standard Error:	155000
Relative Standard Error:	9.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	2.0	0.12267	50.0	610989.0	0.061335	Y
2	STD5 460-768838/4	10.0	0.387165	50.0	629447.0	0.038717	Y
3	STD20 460-768838/5	40.0	1.542227	50.0	665693.0	0.038556	Y
4	STD50 460-768838/6	100.0	4.181042	50.0	680847.0	0.04181	Y
5	STD200 460-768838/7	400.0	17.242411	50.0	756933.0	0.043106	Y
6	STD500 460-768838/8	1000.0	51.822252	50.0	802194.0	0.051822	N



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

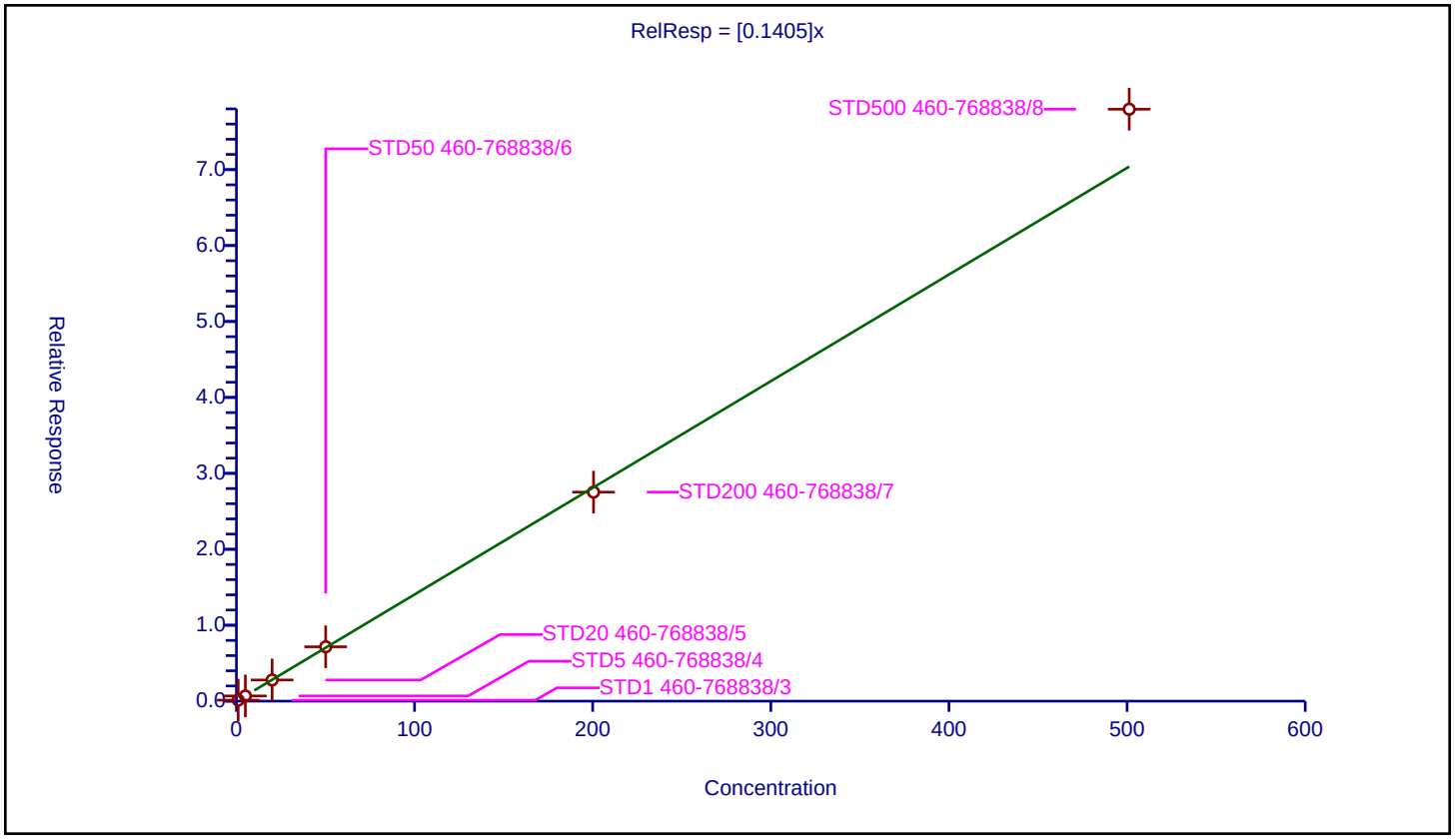
Curve Coefficients

Intercept:	0
Slope:	0.1405

Error Coefficients

Standard Error:	591000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0024	0.131835	50.0	610989.0	0.13152	Y
2	STD5 460-768838/4	5.012	0.684728	50.0	629447.0	0.136618	Y
3	STD20 460-768838/5	20.048	2.785443	50.0	665693.0	0.138939	Y
4	STD50 460-768838/6	50.12	7.157849	50.0	680847.0	0.142814	Y
5	STD200 460-768838/7	200.48	27.527271	50.0	756933.0	0.137307	Y
6	STD500 460-768838/8	501.2	77.958823	50.0	802194.0	0.155544	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

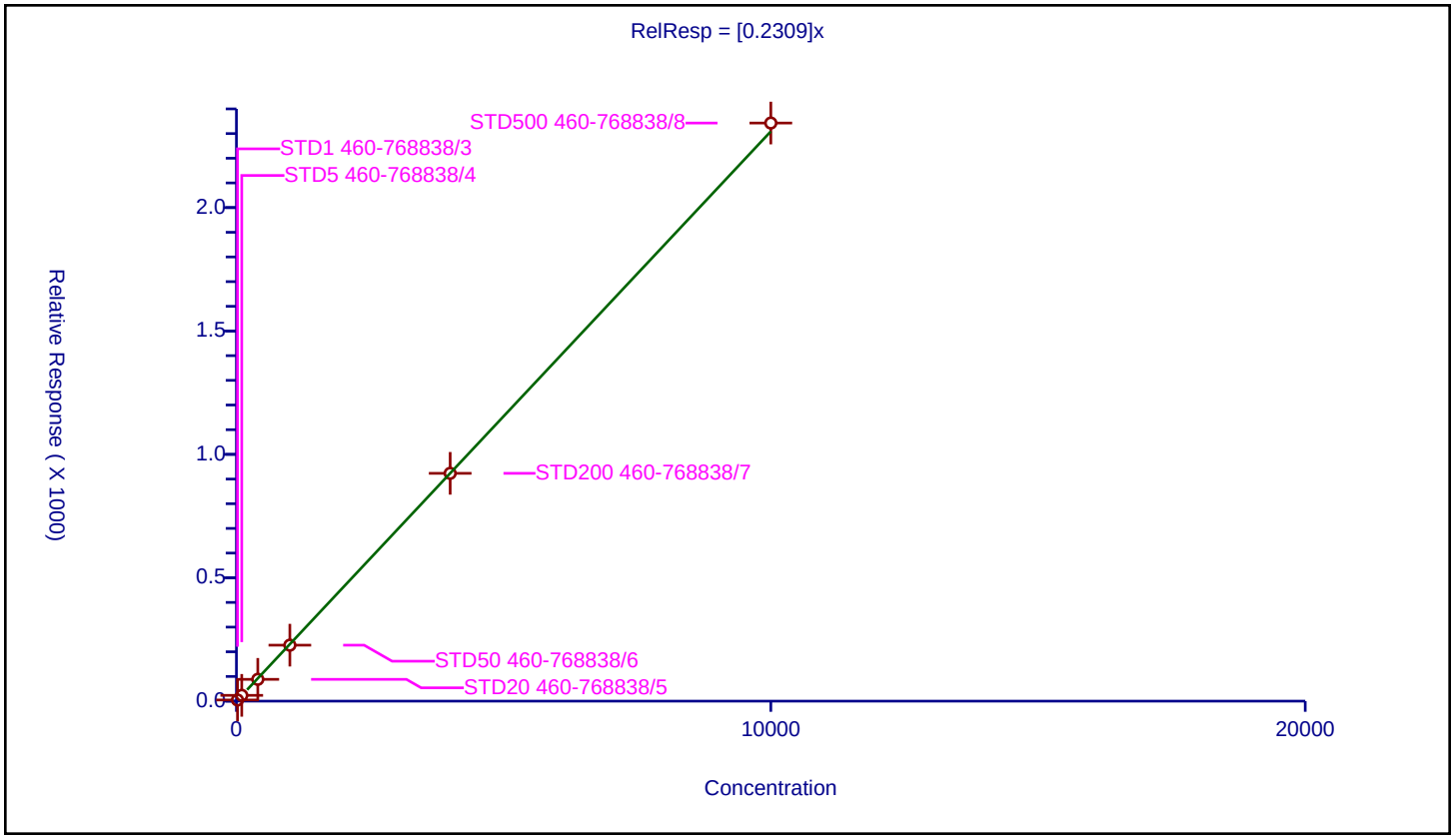
Curve Coefficients

Intercept:	0
Slope:	0.2309

Error Coefficients

Standard Error:	2200000
Relative Standard Error:	2.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	20.000035	4.746691	250.0	317063.0	0.237334	Y
2	STD5 460-768838/4	100.000173	23.521972	250.0	337206.0	0.235219	Y
3	STD20 460-768838/5	400.000692	88.312084	250.0	389338.0	0.22078	Y
4	STD50 460-768838/6	1000.00173	226.828219	250.0	415883.0	0.226828	Y
5	STD200 460-768838/7	4000.00692	923.213784	250.0	440932.0	0.230803	Y
6	STD500 460-768838/8	10000.0173	2342.68302	250.0	494767.0	0.234268	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

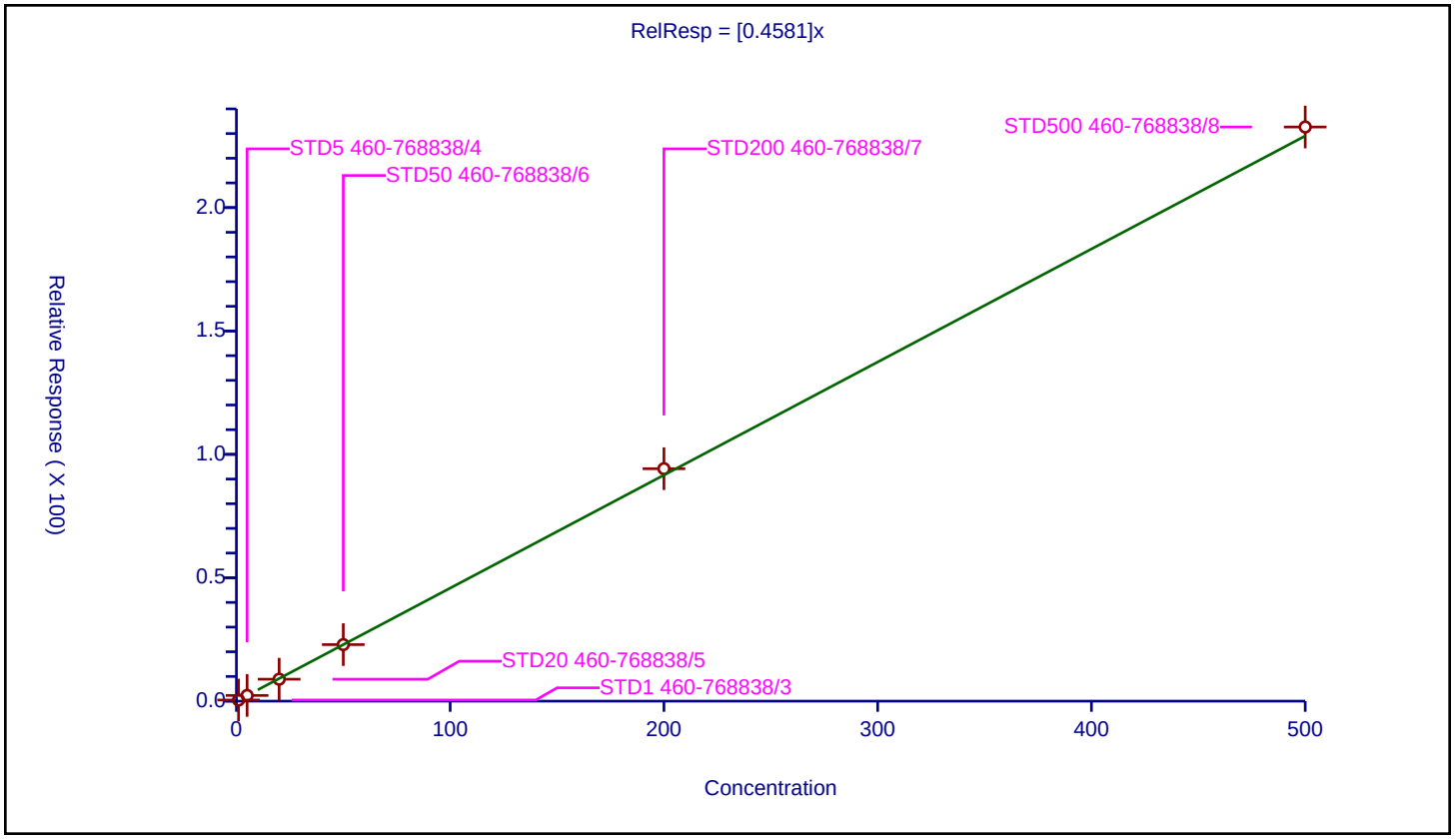
Curve Coefficients

Intercept:	0
Slope:	0.4581

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	2.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.448479	50.0	506936.0	0.448479	Y
2	STD5 460-768838/4	5.0	2.305621	50.0	536298.0	0.461124	Y
3	STD20 460-768838/5	20.0	8.88752	50.0	574536.0	0.444376	Y
4	STD50 460-768838/6	50.0	22.904971	50.0	585493.0	0.458099	Y
5	STD200 460-768838/7	200.0	94.198177	50.0	648572.0	0.470991	Y
6	STD500 460-768838/8	500.0	232.660862	50.0	730737.0	0.465322	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

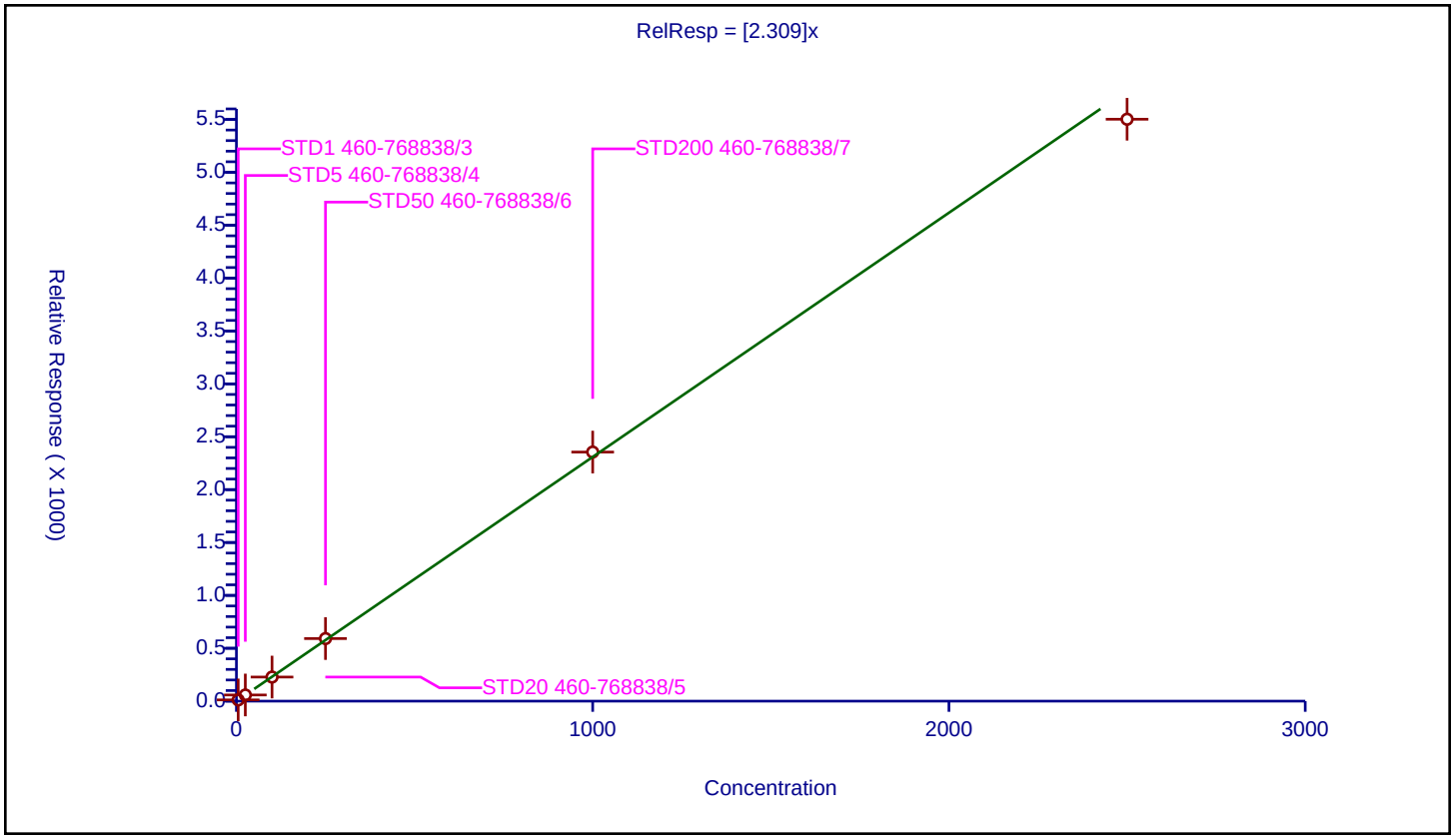
Curve Coefficients

Intercept:	0
Slope:	2.309

Error Coefficients

Standard Error:	5230000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	5.0	11.601795	250.0	317063.0	2.320359	Y
2	STD5 460-768838/4	25.0	58.284105	250.0	337206.0	2.331364	Y
3	STD20 460-768838/5	100.0	227.907371	250.0	389338.0	2.279074	Y
4	STD50 460-768838/6	250.0	591.662799	250.0	415883.0	2.366651	Y
5	STD200 460-768838/7	1000.0	2355.157371	250.0	440932.0	2.355157	Y
6	STD500 460-768838/8	2500.0	5502.2167	250.0	494767.0	2.200887	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

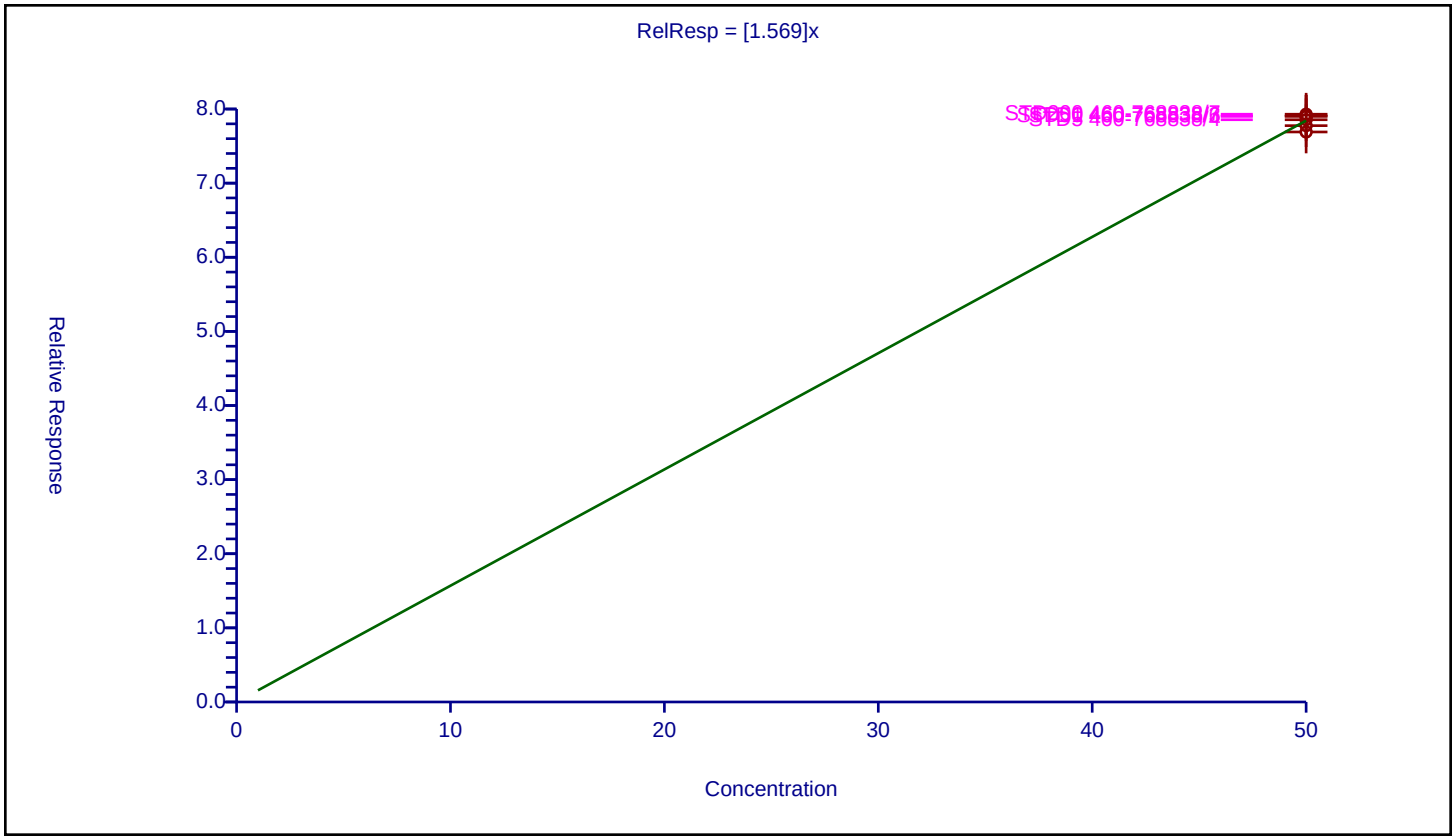
Curve Coefficients

Intercept:	0
Slope:	1.569

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	1.2
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	50.0	79.027431	50.0	506936.0	1.580549	Y
2	STD5 460-768838/4	50.0	78.553994	50.0	536298.0	1.57108	Y
3	STD20 460-768838/5	50.0	76.904145	50.0	574536.0	1.538083	Y
4	STD50 460-768838/6	50.0	79.044668	50.0	585493.0	1.580893	Y
5	STD200 460-768838/7	50.0	79.299214	50.0	648572.0	1.585984	Y
6	STD500 460-768838/8	50.0	77.754924	50.0	730737.0	1.555098	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

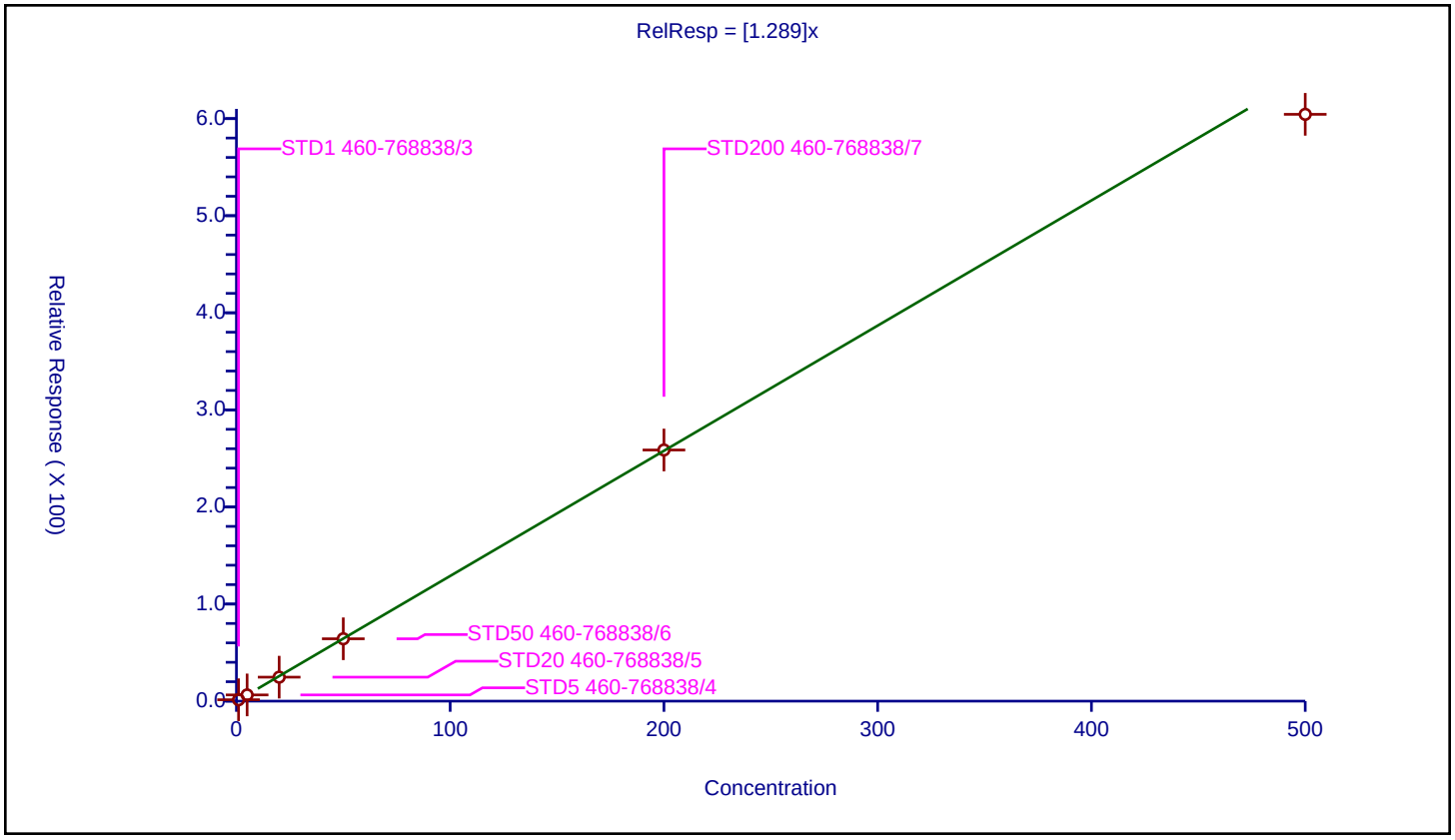
Curve Coefficients

Intercept:	0
Slope:	1.289

Error Coefficients

Standard Error:	4240000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.434402	50.0	506936.0	1.434402	Y
2	STD5 460-768838/4	5.0	6.399241	50.0	536298.0	1.279848	Y
3	STD20 460-768838/5	20.0	24.69558	50.0	574536.0	1.234779	Y
4	STD50 460-768838/6	50.0	64.228778	50.0	585493.0	1.284576	Y
5	STD200 460-768838/7	200.0	258.682382	50.0	648572.0	1.293412	Y
6	STD500 460-768838/8	500.0	604.416363	50.0	730737.0	1.208833	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

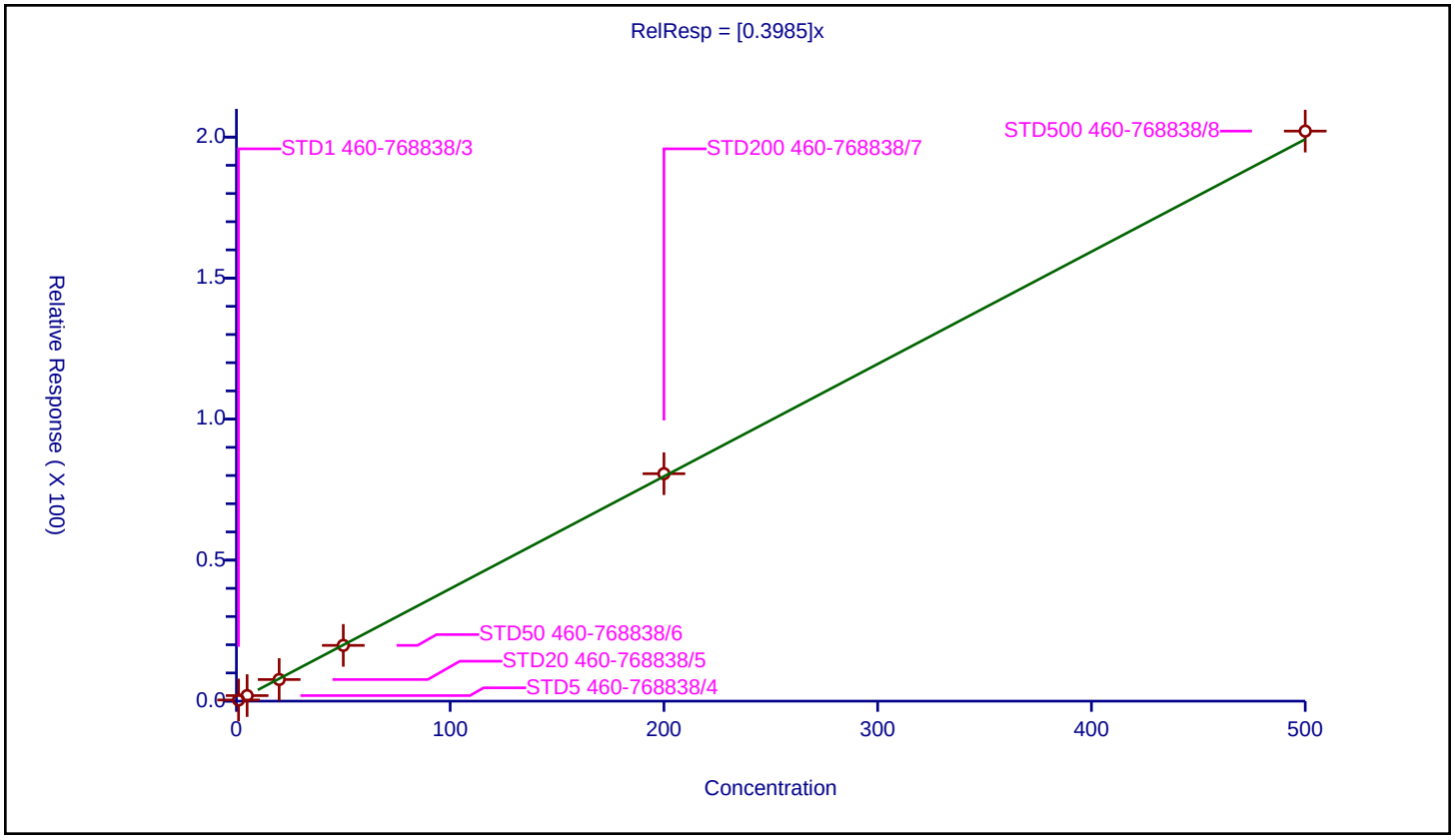
Curve Coefficients

Intercept:	0
Slope:	0.3985

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	2.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.410703	50.0	506936.0	0.410703	Y
2	STD5 460-768838/4	5.0	1.970267	50.0	536298.0	0.394053	Y
3	STD20 460-768838/5	20.0	7.661661	50.0	574536.0	0.383083	Y
4	STD50 460-768838/6	50.0	19.769664	50.0	585493.0	0.395393	Y
5	STD200 460-768838/7	200.0	80.647407	50.0	648572.0	0.403237	Y
6	STD500 460-768838/8	500.0	202.125731	50.0	730737.0	0.404251	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

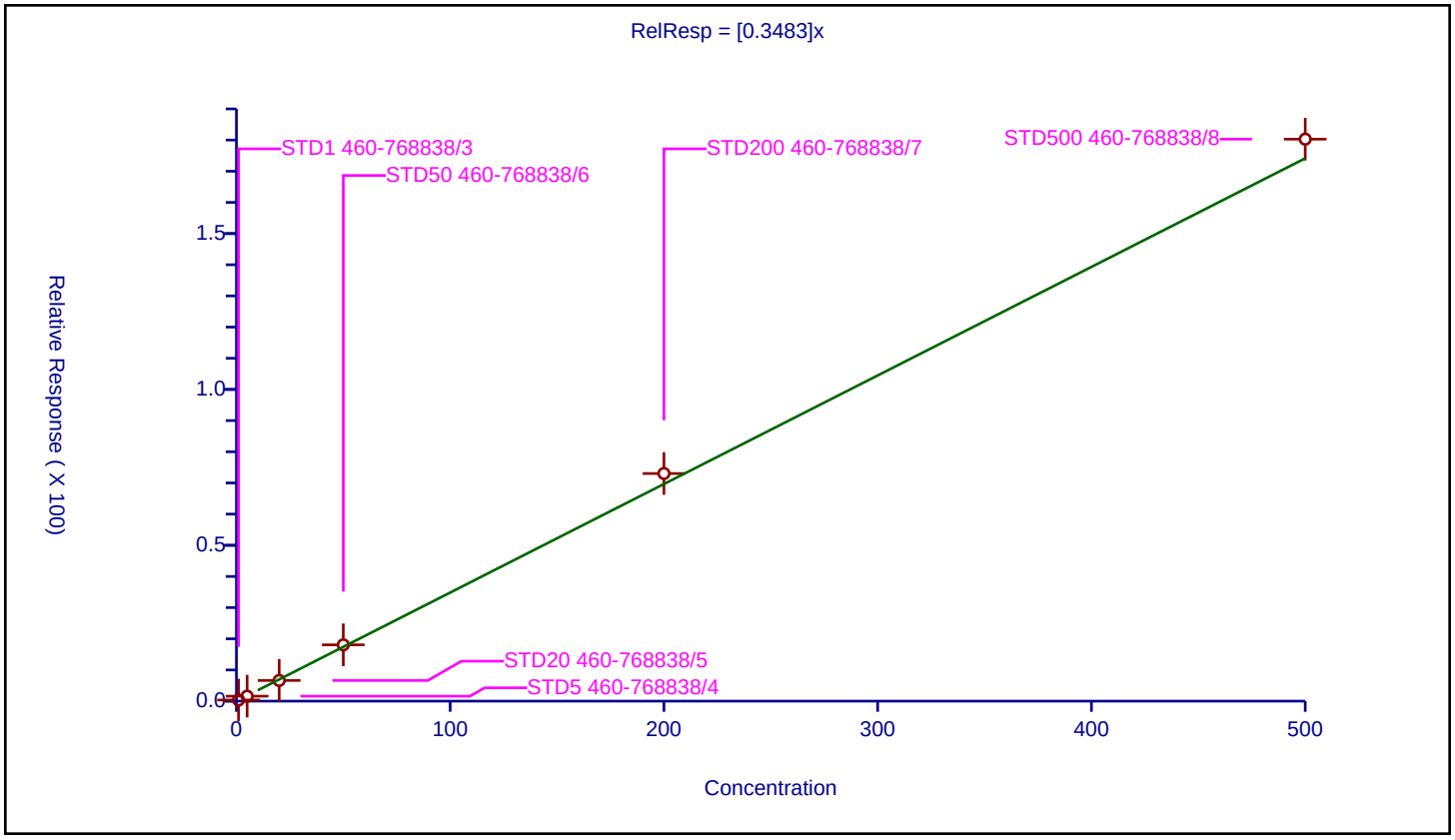
Curve Coefficients

Intercept:	0
Slope:	0.3483

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.353496	50.0	506936.0	0.353496	Y
2	STD5 460-768838/4	5.0	1.589788	50.0	536298.0	0.317958	Y
3	STD20 460-768838/5	20.0	6.627	50.0	574536.0	0.33135	Y
4	STD50 460-768838/6	50.0	18.054614	50.0	585493.0	0.361092	Y
5	STD200 460-768838/7	200.0	73.029748	50.0	648572.0	0.365149	Y
6	STD500 460-768838/8	500.0	180.292362	50.0	730737.0	0.360585	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

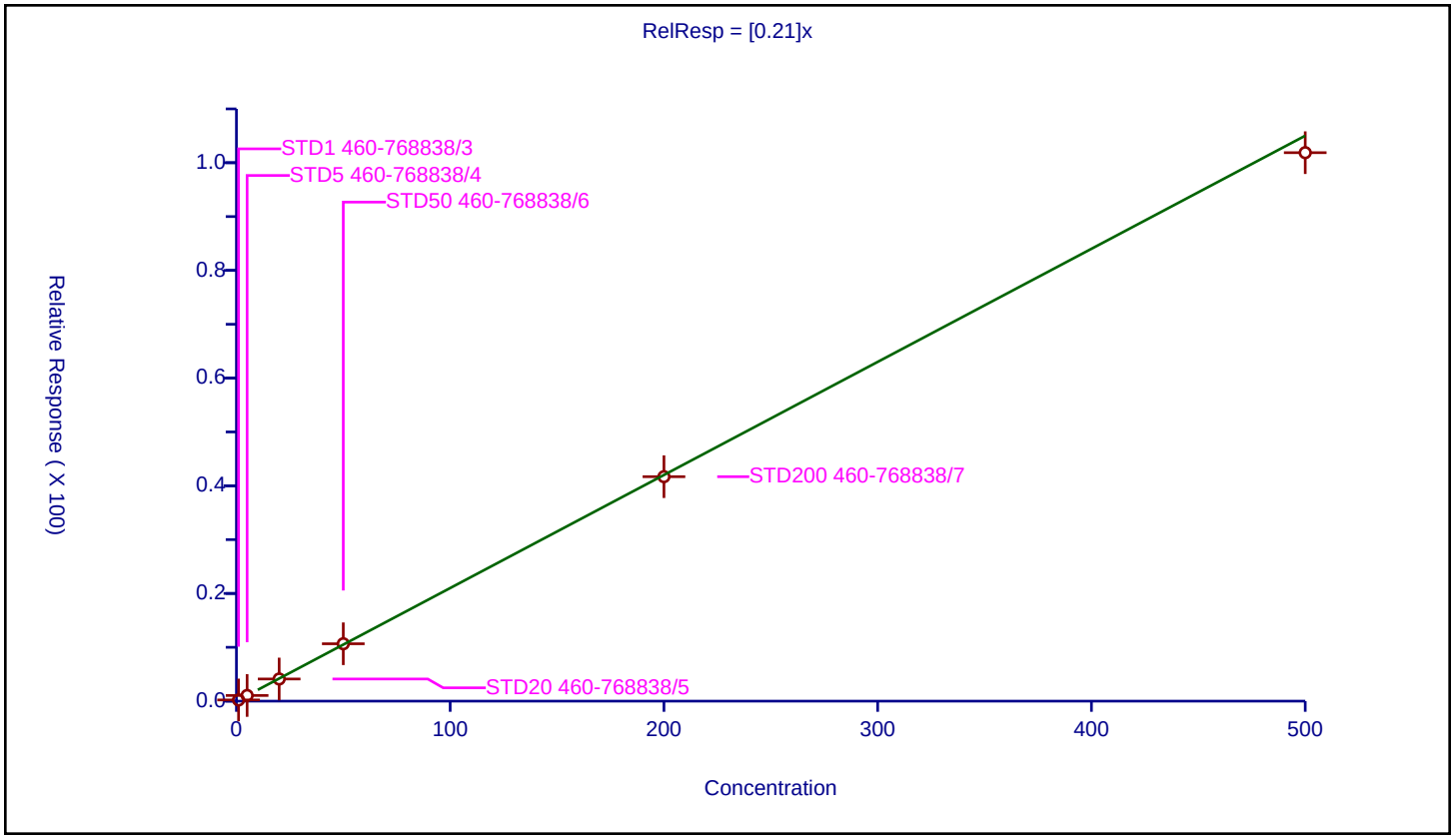
Curve Coefficients

Intercept:	0
Slope:	0.21

Error Coefficients

Standard Error:	711000
Relative Standard Error:	2.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.218667	50.0	506936.0	0.218667	Y
2	STD5 460-768838/4	5.0	1.052214	50.0	536298.0	0.210443	Y
3	STD20 460-768838/5	20.0	4.115408	50.0	574536.0	0.20577	Y
4	STD50 460-768838/6	50.0	10.655977	50.0	585493.0	0.21312	Y
5	STD200 460-768838/7	200.0	41.690283	50.0	648572.0	0.208451	Y
6	STD500 460-768838/8	500.0	101.867977	50.0	730737.0	0.203736	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

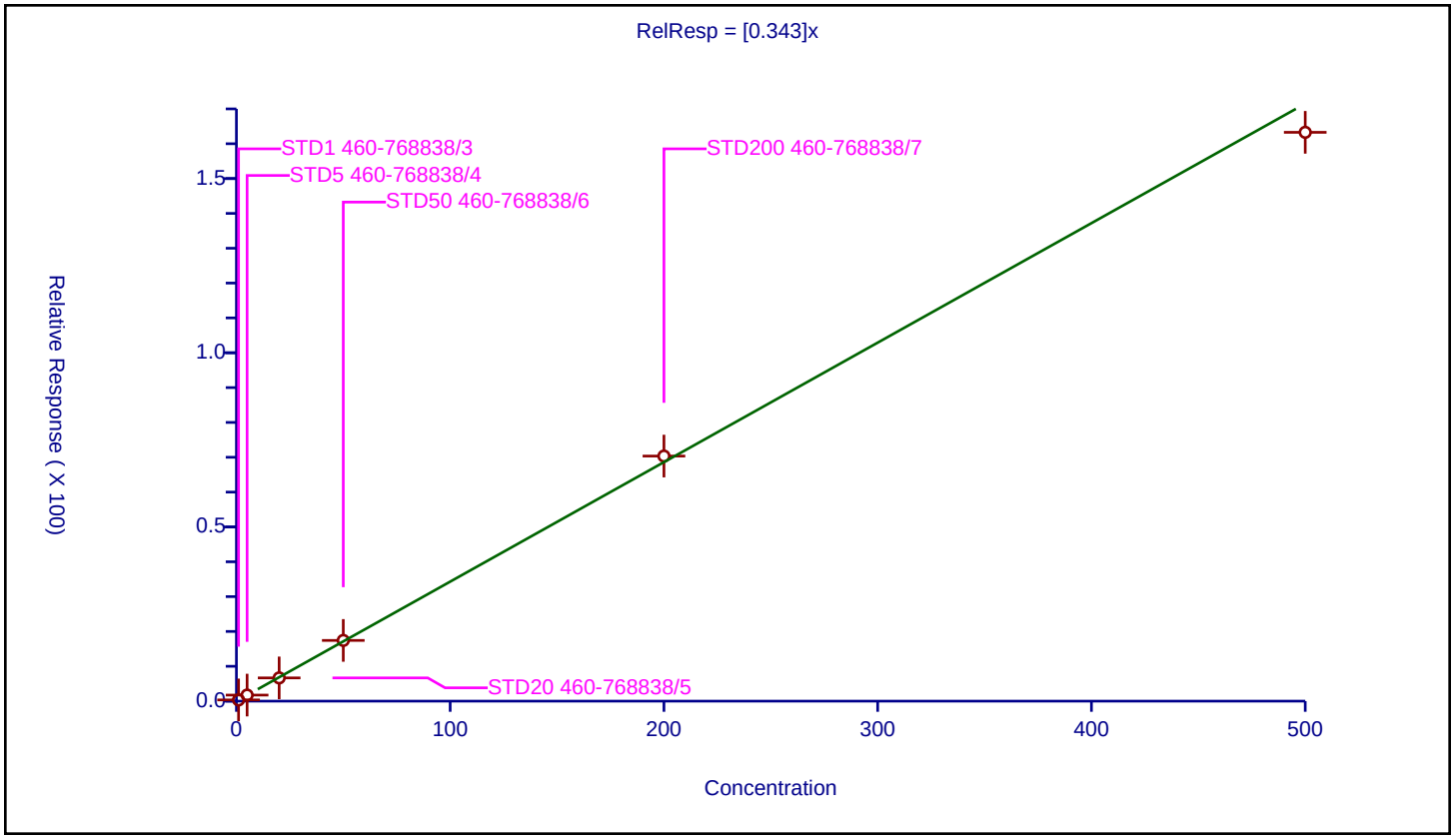
Curve Coefficients

Intercept:	0
Slope:	0.343

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.349551	50.0	506936.0	0.349551	Y
2	STD5 460-768838/4	5.0	1.740544	50.0	536298.0	0.348109	Y
3	STD20 460-768838/5	20.0	6.670513	50.0	574536.0	0.333526	Y
4	STD50 460-768838/6	50.0	17.429585	50.0	585493.0	0.348592	Y
5	STD200 460-768838/7	200.0	70.346469	50.0	648572.0	0.351732	Y
6	STD500 460-768838/8	500.0	163.269275	50.0	730737.0	0.326539	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

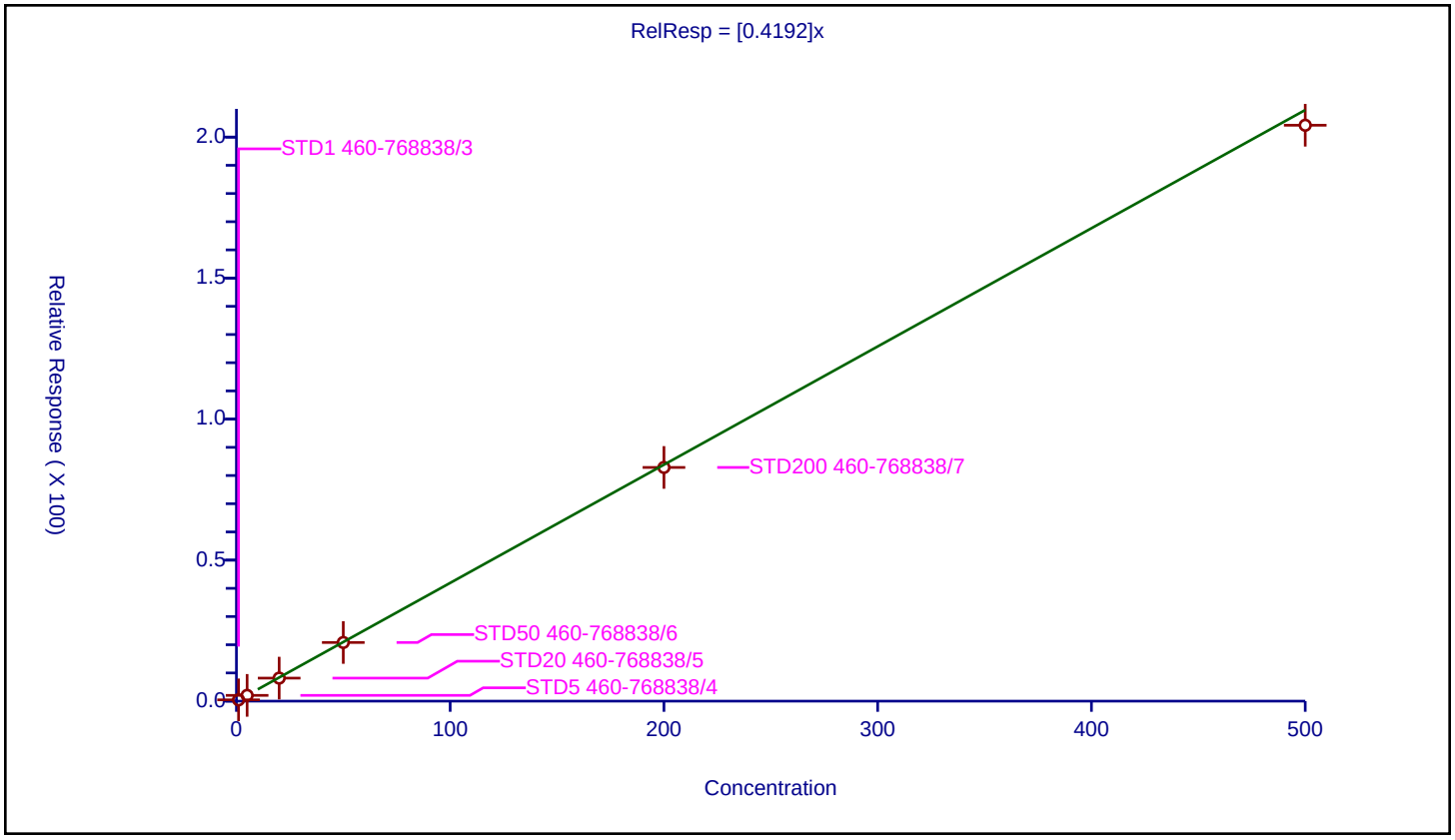
Curve Coefficients

Intercept:	0
Slope:	0.4192

Error Coefficients

Standard Error:	1420000
Relative Standard Error:	4.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.459427	50.0	506936.0	0.459427	Y
2	STD5 460-768838/4	5.0	2.044199	50.0	536298.0	0.40884	Y
3	STD20 460-768838/5	20.0	8.165024	50.0	574536.0	0.408251	Y
4	STD50 460-768838/6	50.0	20.796406	50.0	585493.0	0.415928	Y
5	STD200 460-768838/7	200.0	82.863352	50.0	648572.0	0.414317	Y
6	STD500 460-768838/8	500.0	204.204728	50.0	730737.0	0.408409	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

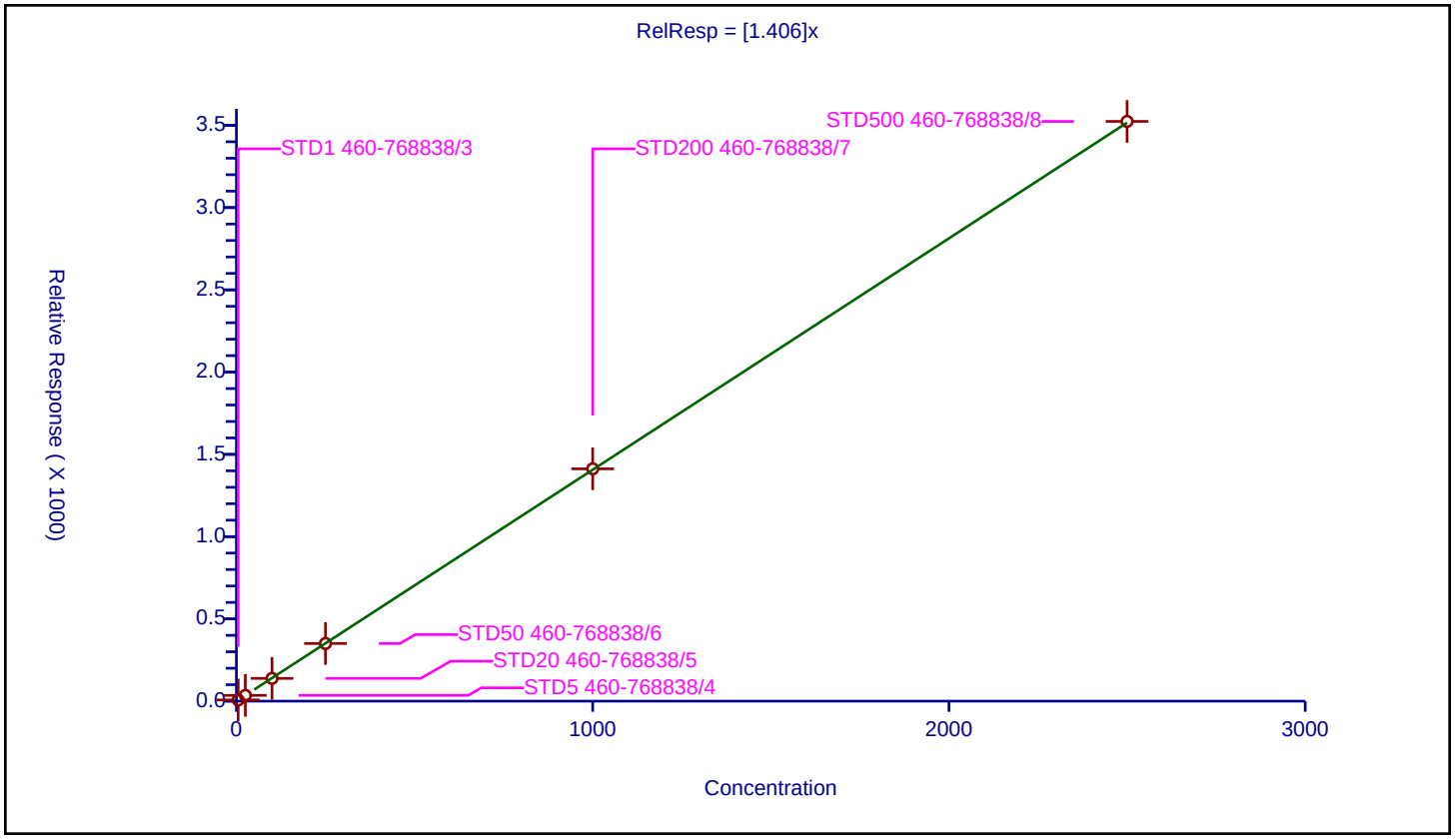
Curve Coefficients

Intercept:	0
Slope:	1.406

Error Coefficients

Standard Error:	3320000
Relative Standard Error:	1.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	5.0	7.142114	250.0	317063.0	1.428423	Y
2	STD5 460-768838/4	25.0	35.078706	250.0	337206.0	1.403148	Y
3	STD20 460-768838/5	100.0	138.399668	250.0	389338.0	1.383997	Y
4	STD50 460-768838/6	250.0	350.374384	250.0	415883.0	1.401498	Y
5	STD200 460-768838/7	1000.0	1412.195078	250.0	440932.0	1.412195	Y
6	STD500 460-768838/8	2500.0	3523.897612	250.0	494767.0	1.409559	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

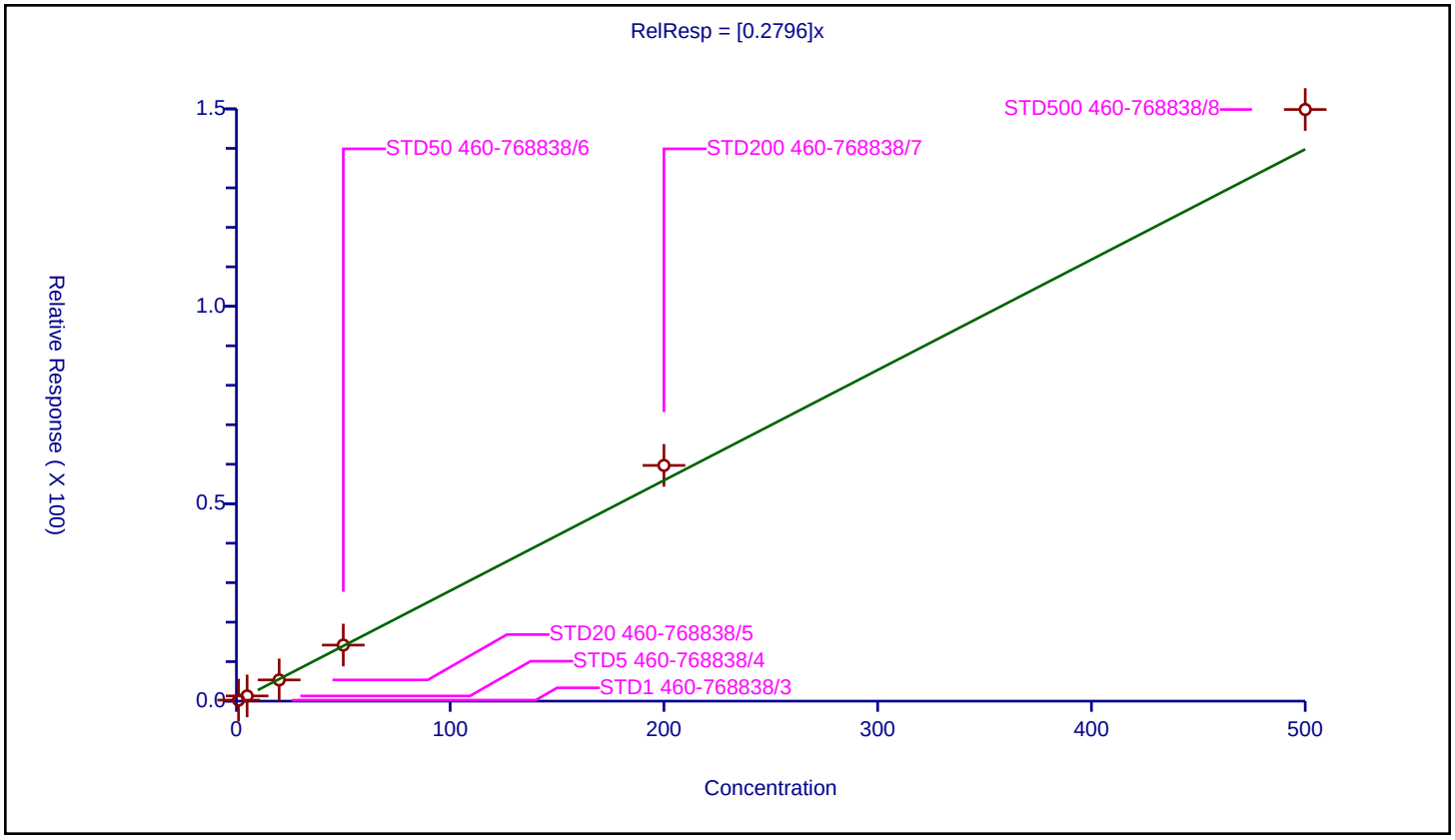
Curve Coefficients

Intercept:	0
Slope:	0.2796

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.263051	50.0	506936.0	0.263051	Y
2	STD5 460-768838/4	5.0	1.317458	50.0	536298.0	0.263492	Y
3	STD20 460-768838/5	20.0	5.374859	50.0	574536.0	0.268743	Y
4	STD50 460-768838/6	50.0	14.195302	50.0	585493.0	0.283906	Y
5	STD200 460-768838/7	200.0	59.704088	50.0	648572.0	0.29852	Y
6	STD500 460-768838/8	500.0	149.844814	50.0	730737.0	0.29969	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

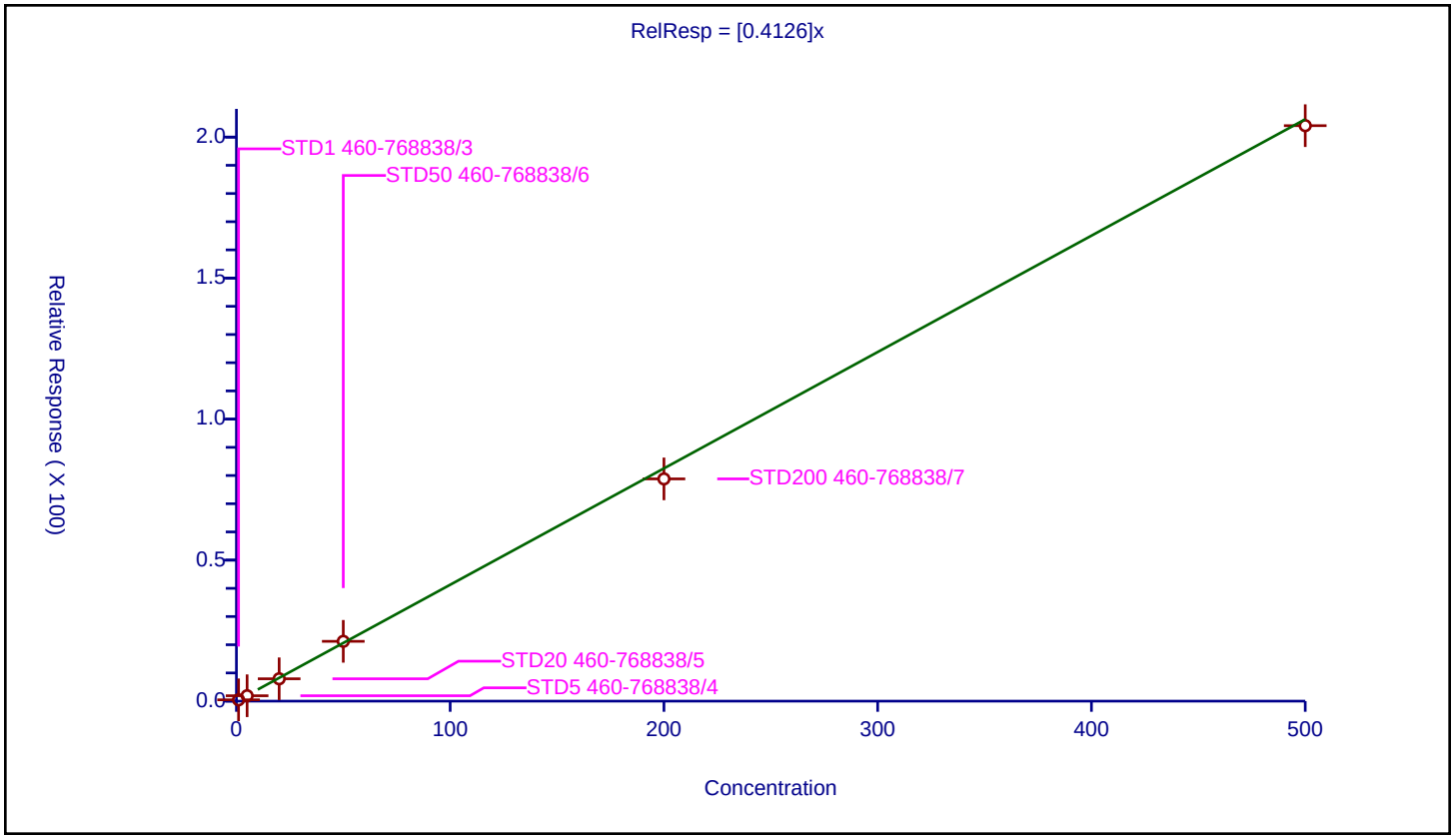
Curve Coefficients

Intercept:	0
Slope:	0.4126

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	7.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.46998	50.0	506936.0	0.46998	Y
2	STD5 460-768838/4	5.0	1.915353	50.0	536298.0	0.383071	Y
3	STD20 460-768838/5	20.0	7.927702	50.0	574536.0	0.396385	Y
4	STD50 460-768838/6	50.0	21.207683	50.0	585493.0	0.424154	Y
5	STD200 460-768838/7	200.0	78.803433	50.0	648572.0	0.394017	Y
6	STD500 460-768838/8	500.0	204.052142	50.0	730737.0	0.408104	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

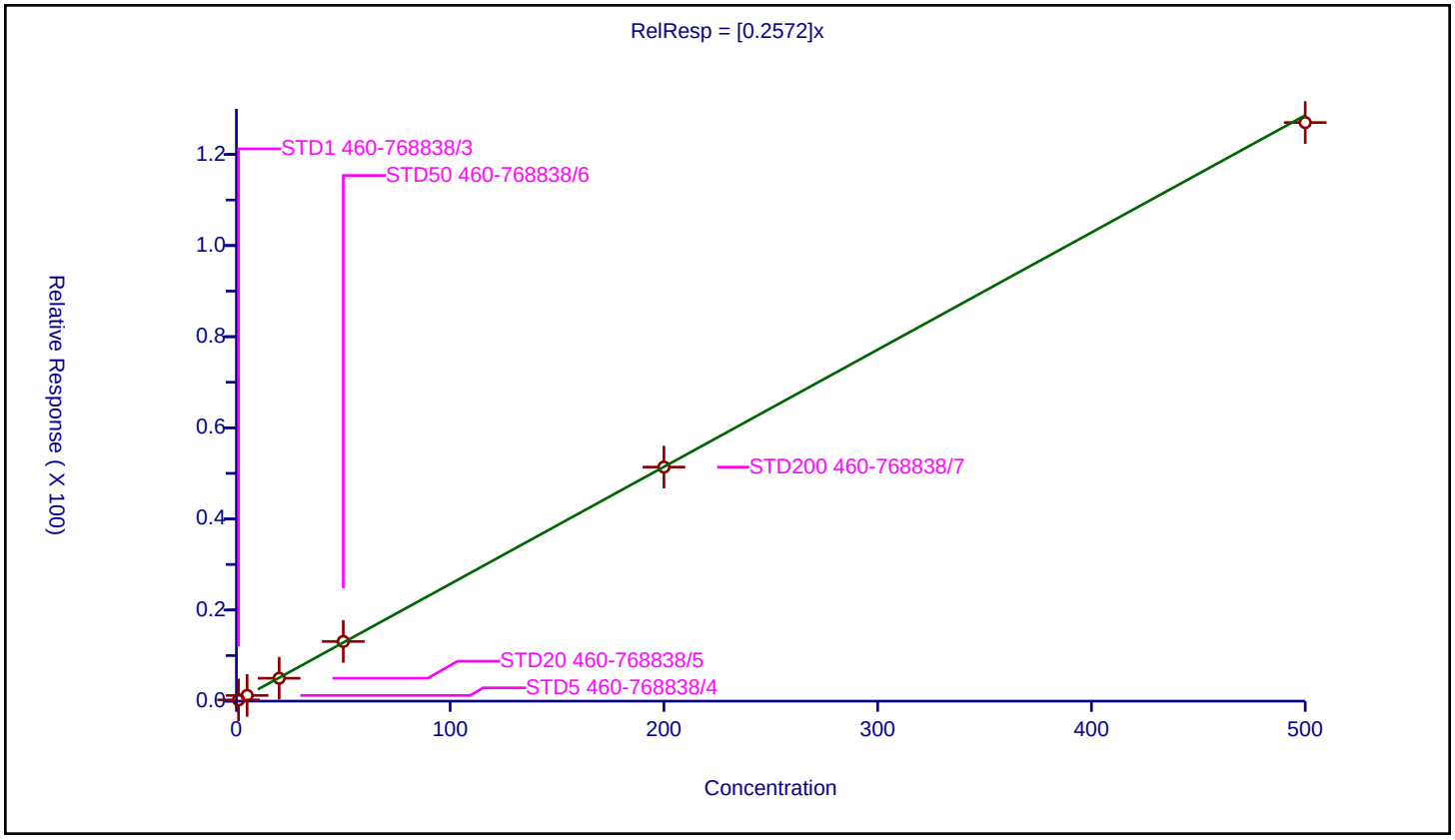
Curve Coefficients

Intercept:	0
Slope:	0.2572

Error Coefficients

Standard Error:	885000
Relative Standard Error:	2.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.269462	50.0	506936.0	0.269462	Y
2	STD5 460-768838/4	5.0	1.247348	50.0	536298.0	0.24947	Y
3	STD20 460-768838/5	20.0	5.024837	50.0	574536.0	0.251242	Y
4	STD50 460-768838/6	50.0	13.09973	50.0	585493.0	0.261995	Y
5	STD200 460-768838/7	200.0	51.373248	50.0	648572.0	0.256866	Y
6	STD500 460-768838/8	500.0	127.001644	50.0	730737.0	0.254003	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

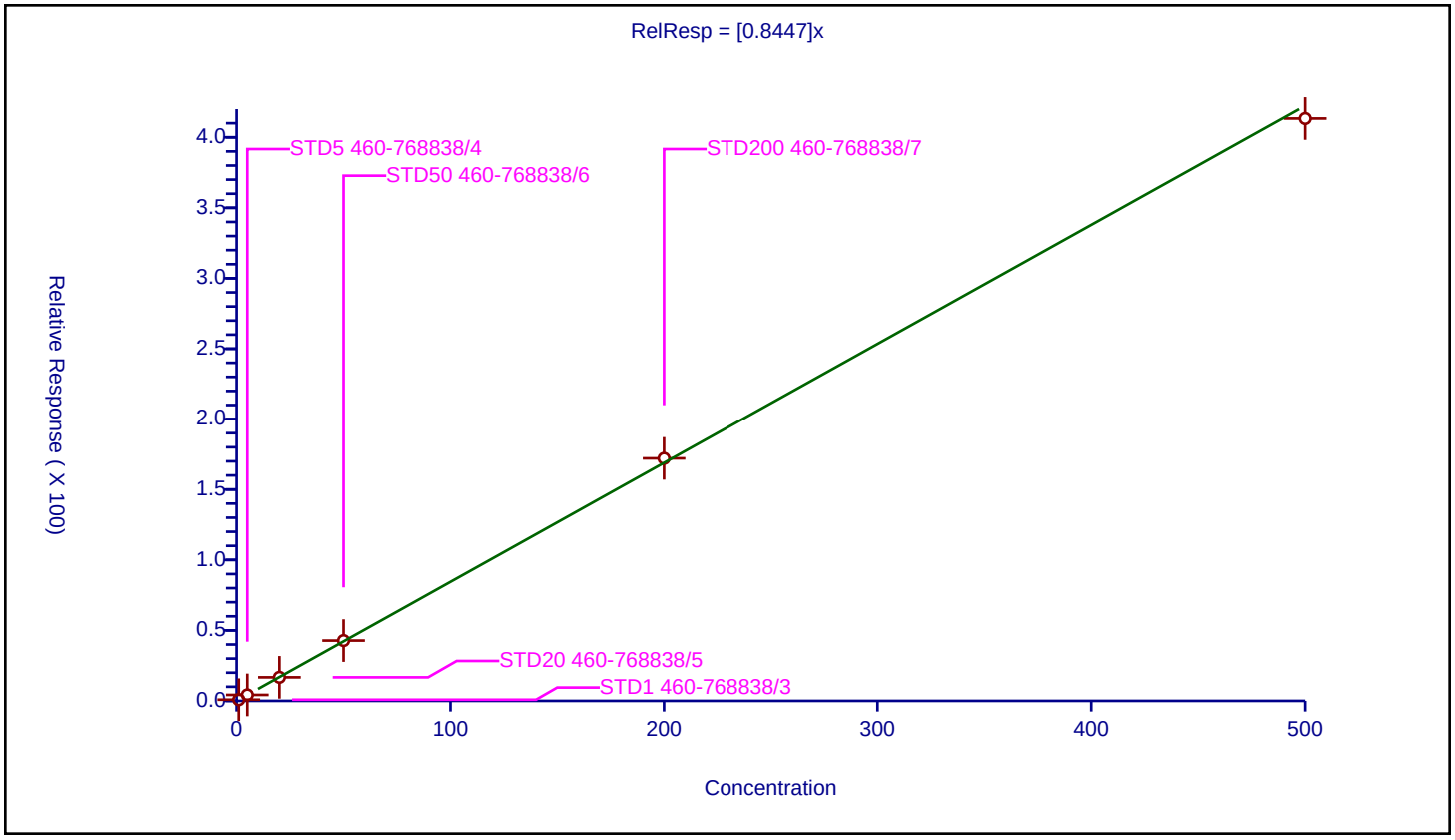
Curve Coefficients

Intercept:	0
Slope:	0.8447

Error Coefficients

Standard Error:	2890000
Relative Standard Error:	1.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.840639	50.0	506936.0	0.840639	Y
2	STD5 460-768838/4	5.0	4.246986	50.0	536298.0	0.849397	Y
3	STD20 460-768838/5	20.0	16.707917	50.0	574536.0	0.835396	Y
4	STD50 460-768838/6	50.0	42.783774	50.0	585493.0	0.855675	Y
5	STD200 460-768838/7	200.0	172.12476	50.0	648572.0	0.860624	Y
6	STD500 460-768838/8	500.0	413.359594	50.0	730737.0	0.826719	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

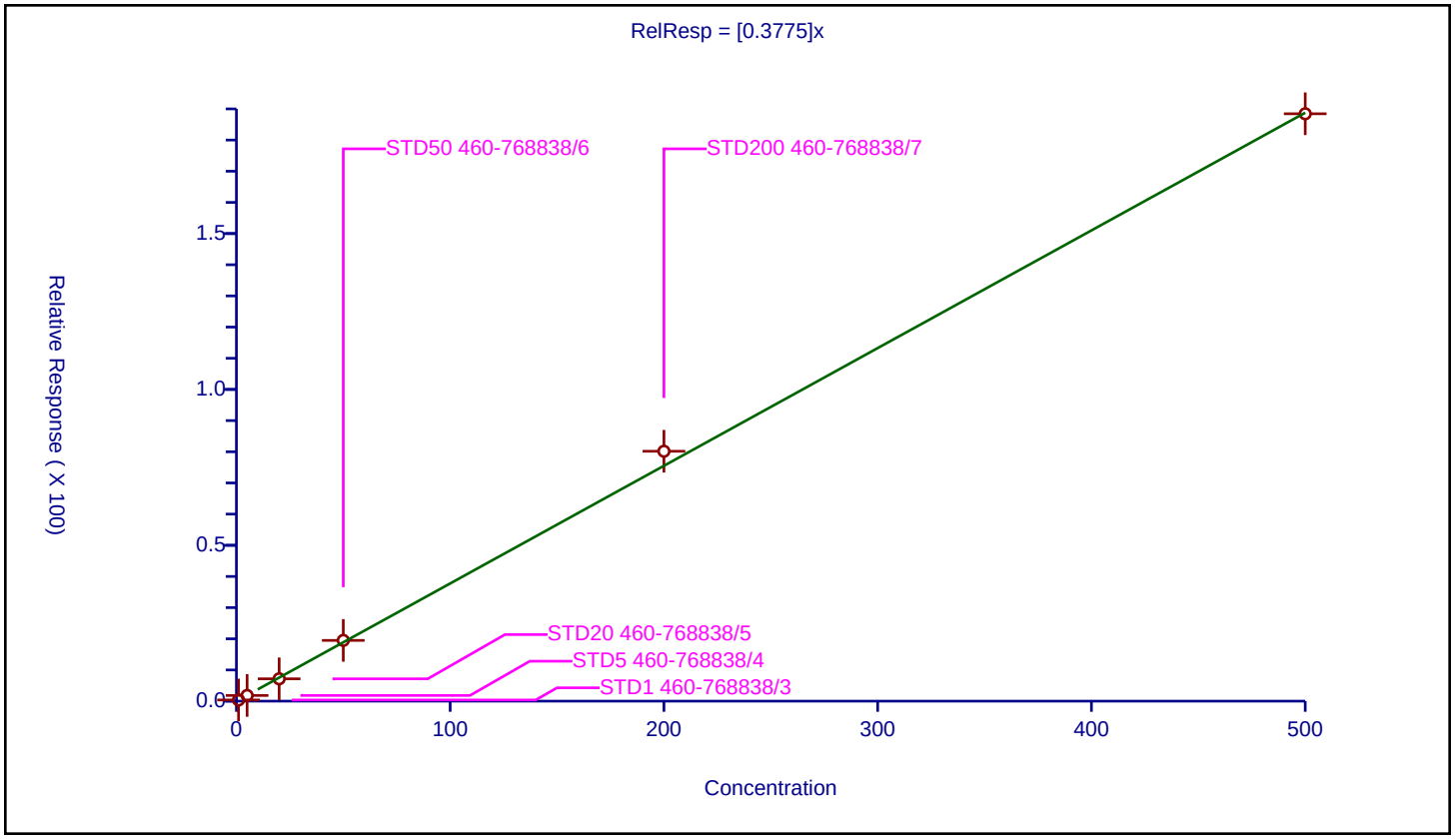
Curve Coefficients

Intercept:	0
Slope:	0.3775

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	4.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.374998	50.0	506936.0	0.374998	Y
2	STD5 460-768838/4	5.0	1.822121	50.0	536298.0	0.364424	Y
3	STD20 460-768838/5	20.0	7.166131	50.0	574536.0	0.358307	Y
4	STD50 460-768838/6	50.0	19.486996	50.0	585493.0	0.38974	Y
5	STD200 460-768838/7	200.0	80.170744	50.0	648572.0	0.400854	Y
6	STD500 460-768838/8	500.0	188.432637	50.0	730737.0	0.376865	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

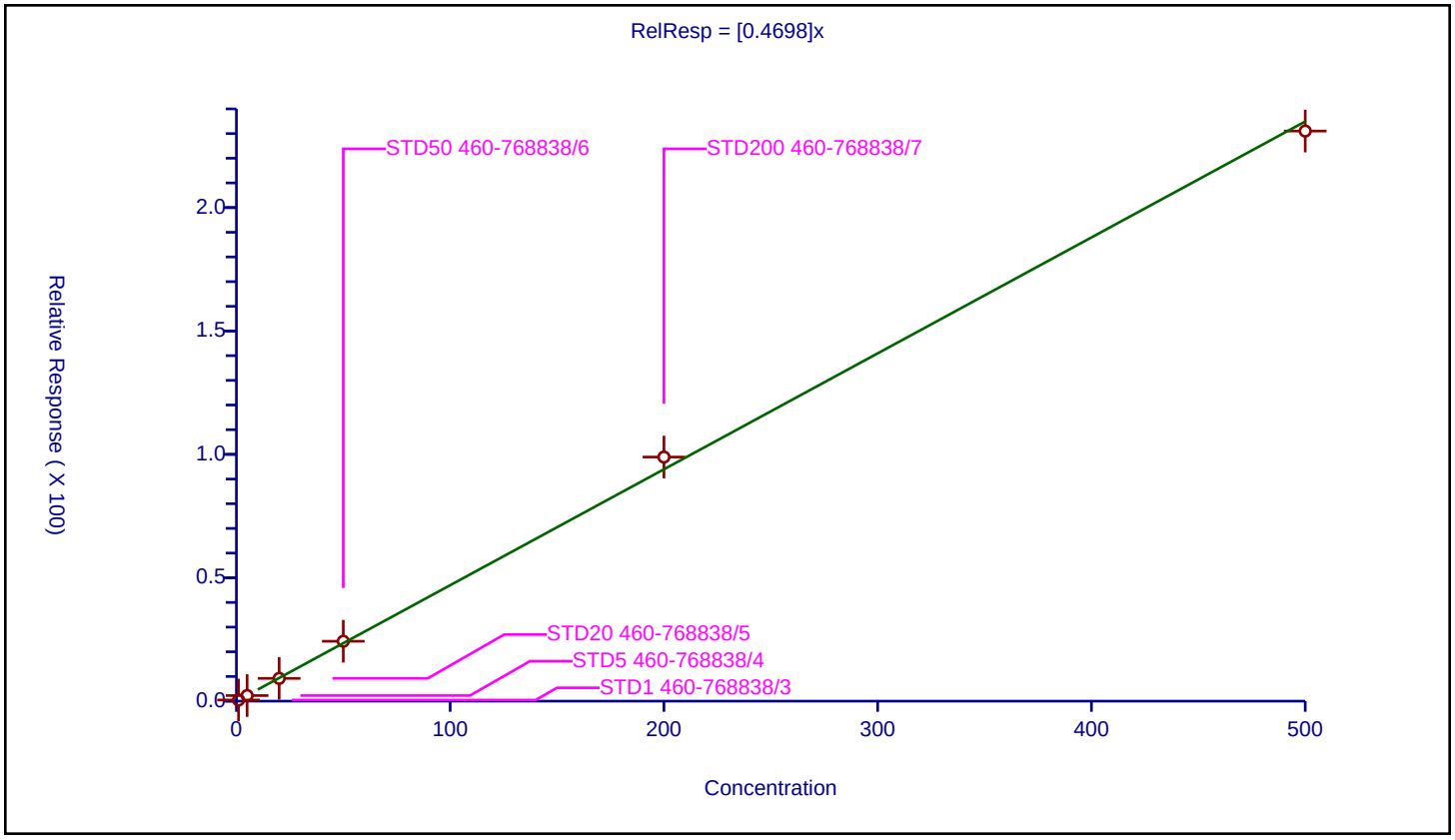
Curve Coefficients

Intercept:	0
Slope:	0.4698

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.46278	50.0	506936.0	0.46278	Y
2	STD5 460-768838/4	5.0	2.263387	50.0	536298.0	0.452677	Y
3	STD20 460-768838/5	20.0	9.22266	50.0	574536.0	0.461133	Y
4	STD50 460-768838/6	50.0	24.268693	50.0	585493.0	0.485374	Y
5	STD200 460-768838/7	200.0	98.917699	50.0	648572.0	0.494588	Y
6	STD500 460-768838/8	500.0	231.024021	50.0	730737.0	0.462048	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

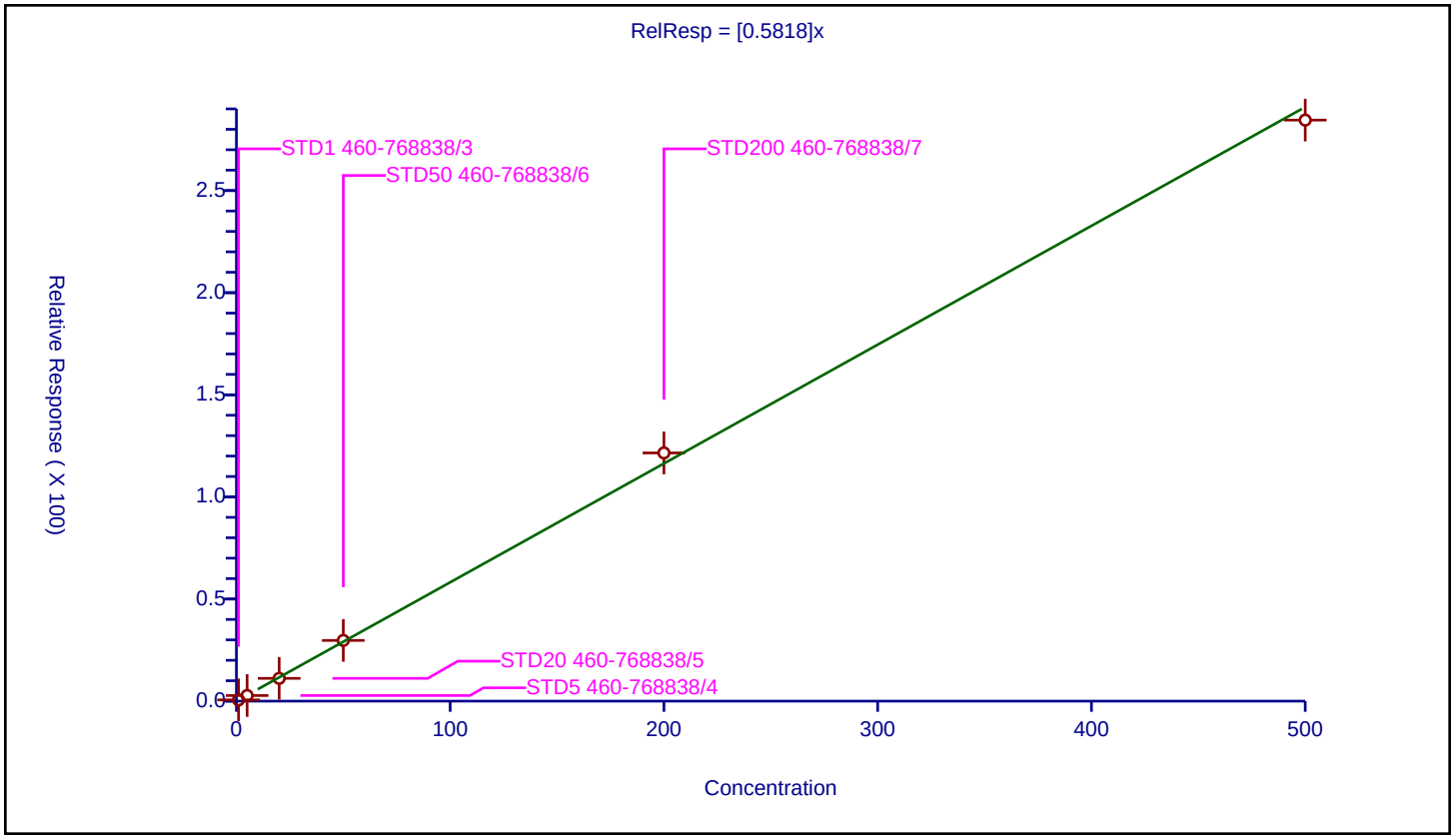
Curve Coefficients

Intercept:	0
Slope:	0.5818

Error Coefficients

Standard Error:	2000000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.612602	50.0	506936.0	0.612602	Y
2	STD5 460-768838/4	5.0	2.747446	50.0	536298.0	0.549489	Y
3	STD20 460-768838/5	20.0	11.151434	50.0	574536.0	0.557572	Y
4	STD50 460-768838/6	50.0	29.730244	50.0	585493.0	0.594605	Y
5	STD200 460-768838/7	200.0	121.54171	50.0	648572.0	0.607709	Y
6	STD500 460-768838/8	500.0	284.515975	50.0	730737.0	0.569032	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

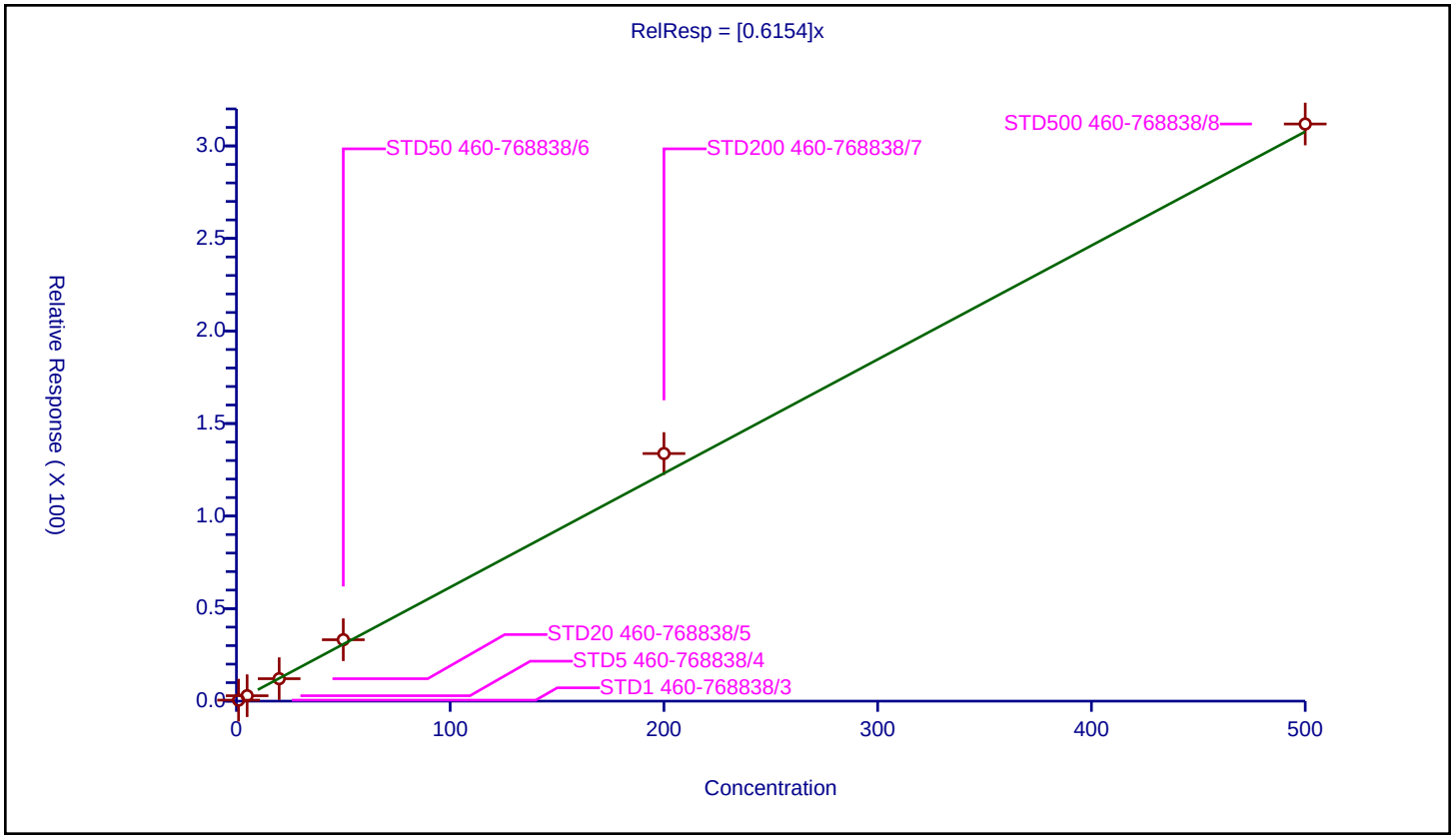
Curve Coefficients

Intercept:	0
Slope:	0.6154

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.545039	50.0	506936.0	0.545039	Y
2	STD5 460-768838/4	5.0	2.926545	50.0	536298.0	0.585309	Y
3	STD20 460-768838/5	20.0	12.122043	50.0	574536.0	0.606102	Y
4	STD50 460-768838/6	50.0	33.170935	50.0	585493.0	0.663419	Y
5	STD200 460-768838/7	200.0	133.780983	50.0	648572.0	0.668905	Y
6	STD500 460-768838/8	500.0	311.83449	50.0	730737.0	0.623669	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

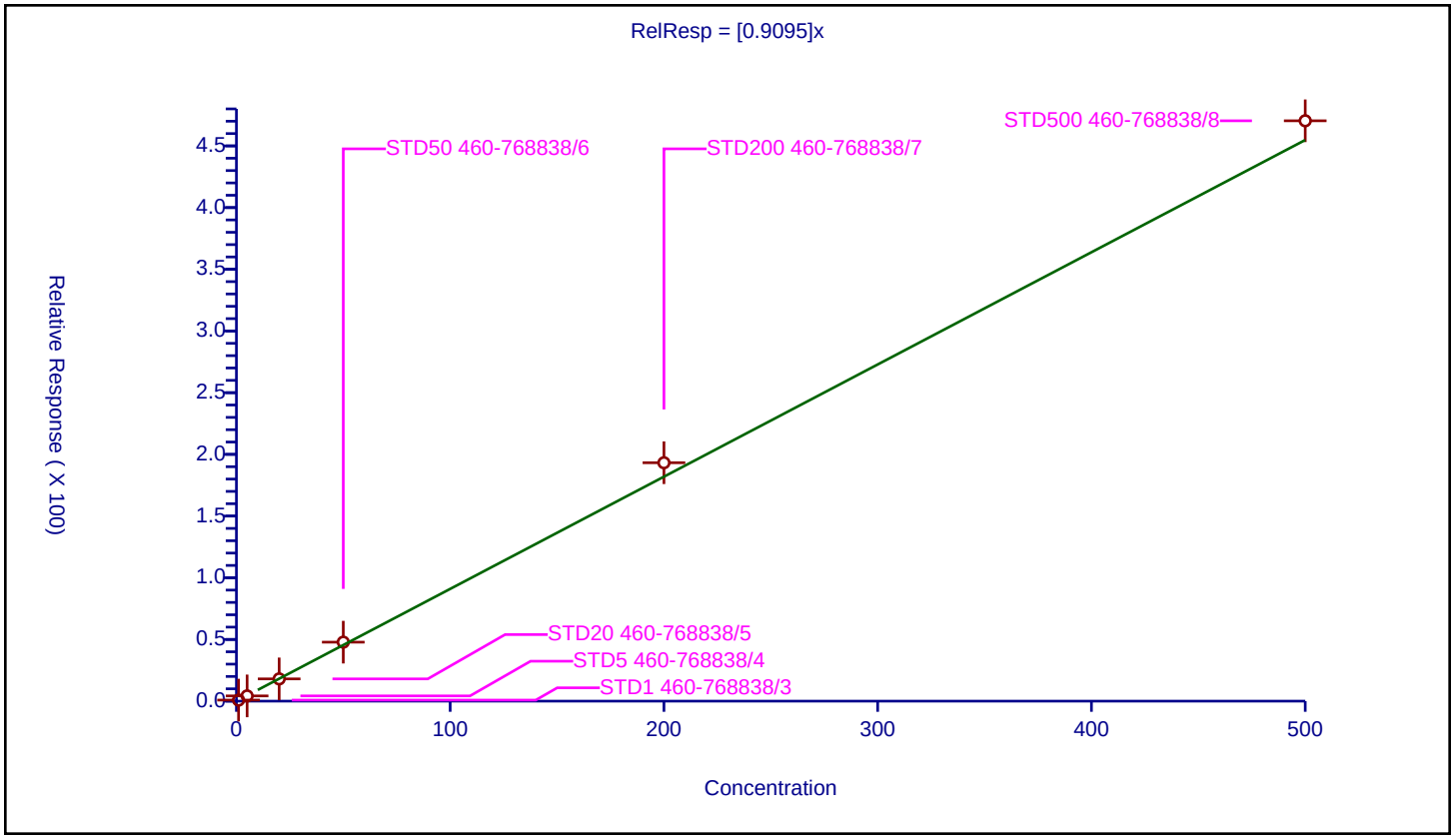
Curve Coefficients

Intercept:	0
Slope:	0.9095

Error Coefficients

Standard Error:	3280000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.842611	50.0	506936.0	0.842611	Y
2	STD5 460-768838/4	5.0	4.249596	50.0	536298.0	0.849919	Y
3	STD20 460-768838/5	20.0	18.033596	50.0	574536.0	0.90168	Y
4	STD50 460-768838/6	50.0	47.810392	50.0	585493.0	0.956208	Y
5	STD200 460-768838/7	200.0	193.217407	50.0	648572.0	0.966087	Y
6	STD500 460-768838/8	500.0	470.35664	50.0	730737.0	0.940713	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

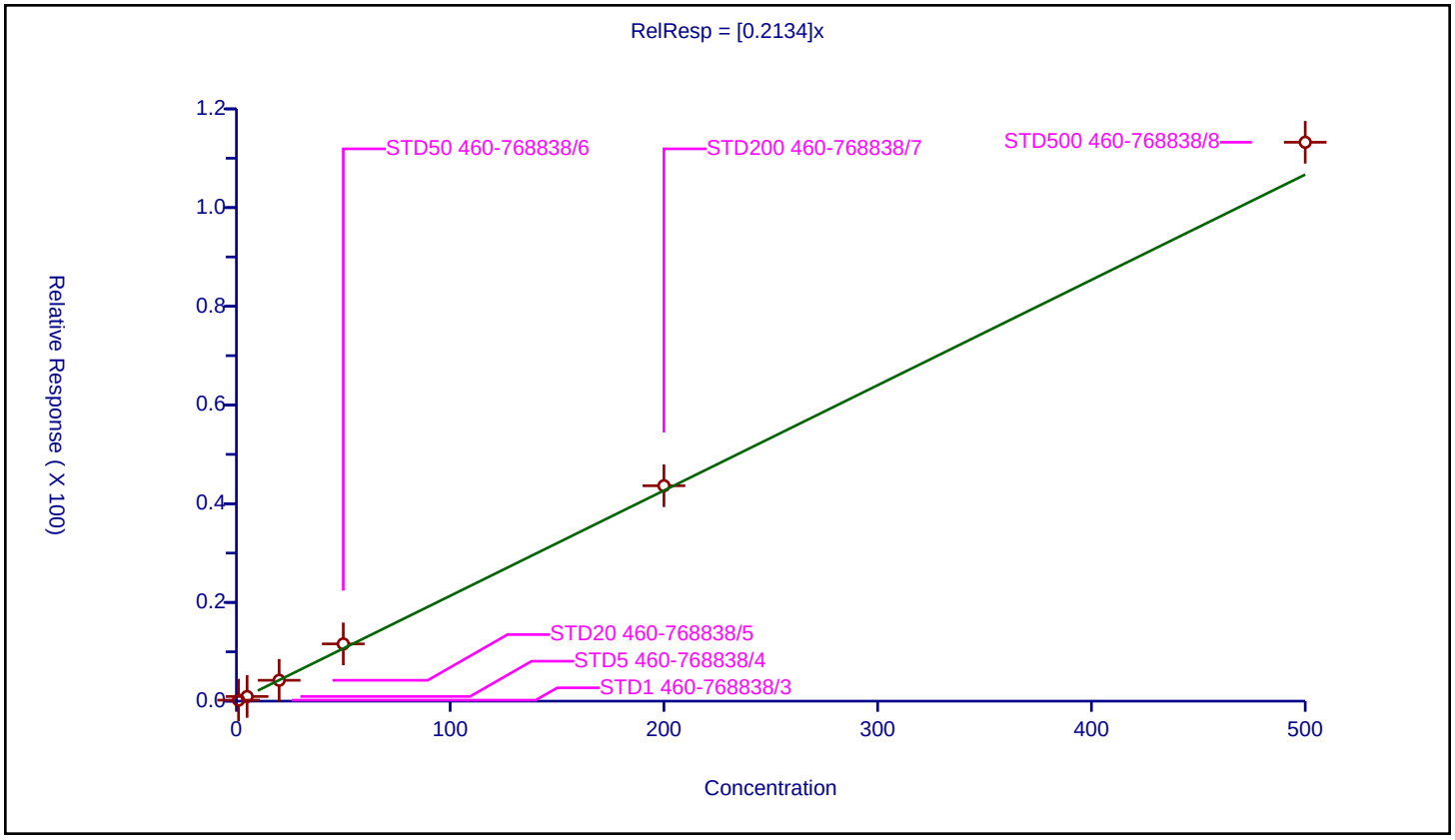
Curve Coefficients

Intercept:	0
Slope:	0.2134

Error Coefficients

Standard Error:	785000
Relative Standard Error:	7.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.203773	50.0	506936.0	0.203773	Y
2	STD5 460-768838/4	5.0	0.94192	50.0	536298.0	0.188384	Y
3	STD20 460-768838/5	20.0	4.228978	50.0	574536.0	0.211449	Y
4	STD50 460-768838/6	50.0	11.597748	50.0	585493.0	0.231955	Y
5	STD200 460-768838/7	200.0	43.642109	50.0	648572.0	0.218211	Y
6	STD500 460-768838/8	500.0	113.236089	50.0	730737.0	0.226472	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

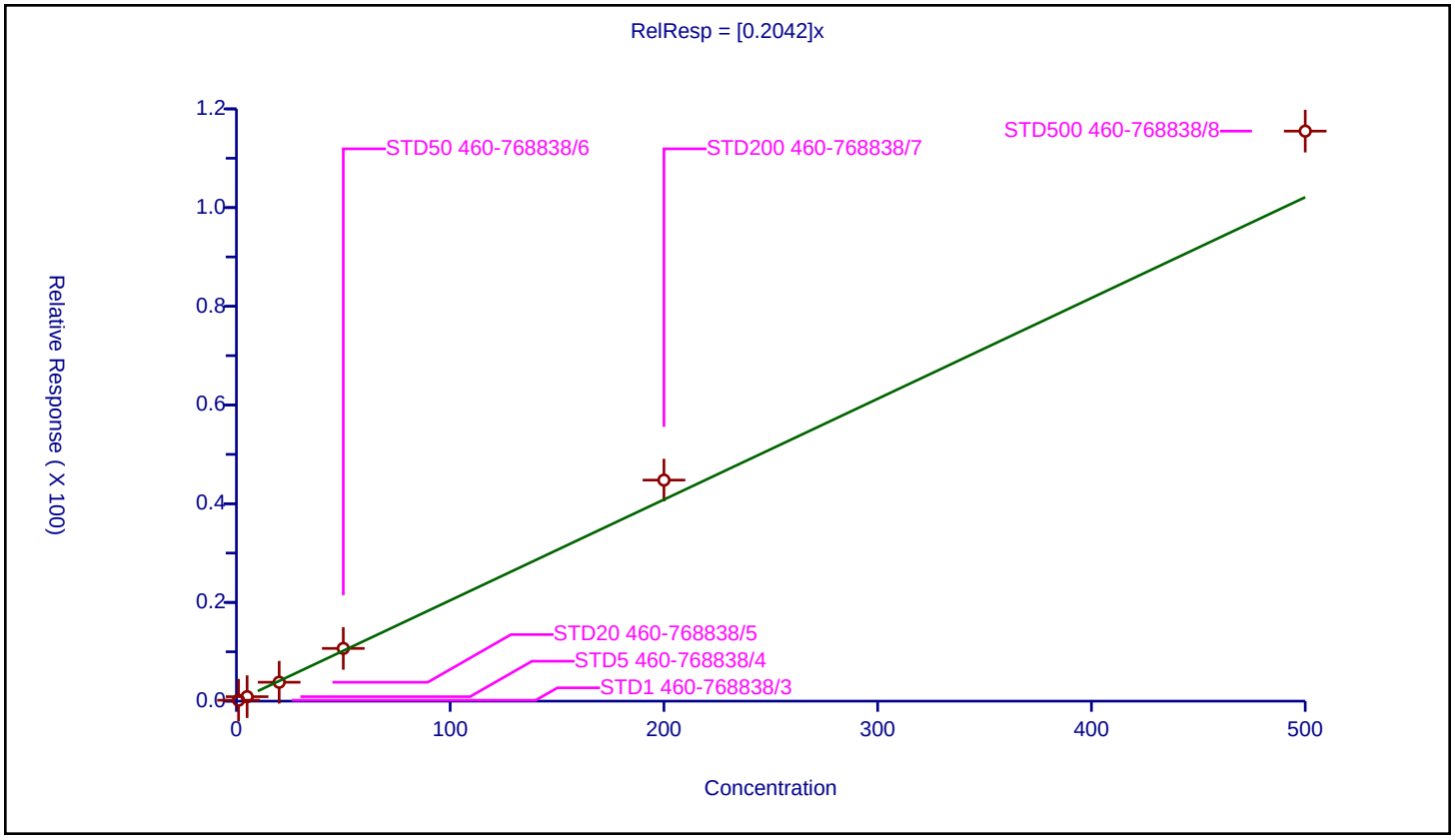
Curve Coefficients

Intercept:	0
Slope:	0.2042

Error Coefficients

Standard Error:	800000
Relative Standard Error:	10.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.184343	50.0	506936.0	0.184343	Y
2	STD5 460-768838/4	5.0	0.904161	50.0	536298.0	0.180832	Y
3	STD20 460-768838/5	20.0	3.829351	50.0	574536.0	0.191468	Y
4	STD50 460-768838/6	50.0	10.68228	50.0	585493.0	0.213646	Y
5	STD200 460-768838/7	200.0	44.785776	50.0	648572.0	0.223929	Y
6	STD500 460-768838/8	500.0	115.495452	50.0	730737.0	0.230991	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

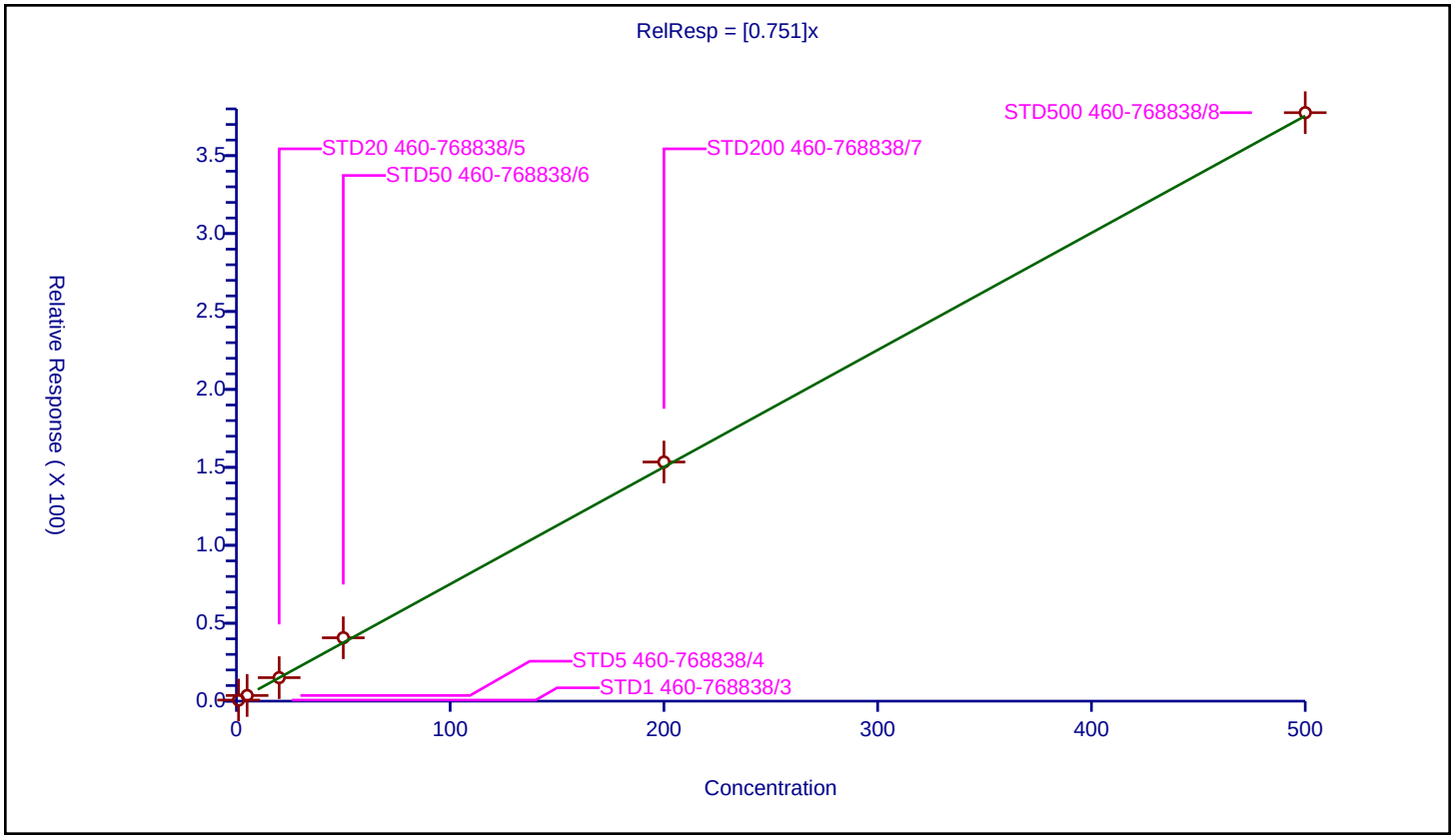
Curve Coefficients

Intercept:	0
Slope:	0.751

Error Coefficients

Standard Error:	1740000
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.690175	50.0	311515.0	0.690175	Y
2	STD5 460-768838/4	5.0	3.633202	50.0	330356.0	0.72664	Y
3	STD20 460-768838/5	20.0	15.076563	50.0	372502.0	0.753828	Y
4	STD50 460-768838/6	50.0	40.664736	50.0	386695.0	0.813295	Y
5	STD200 460-768838/7	200.0	153.426053	50.0	407933.0	0.76713	Y
6	STD500 460-768838/8	500.0	377.565395	50.0	485549.0	0.755131	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

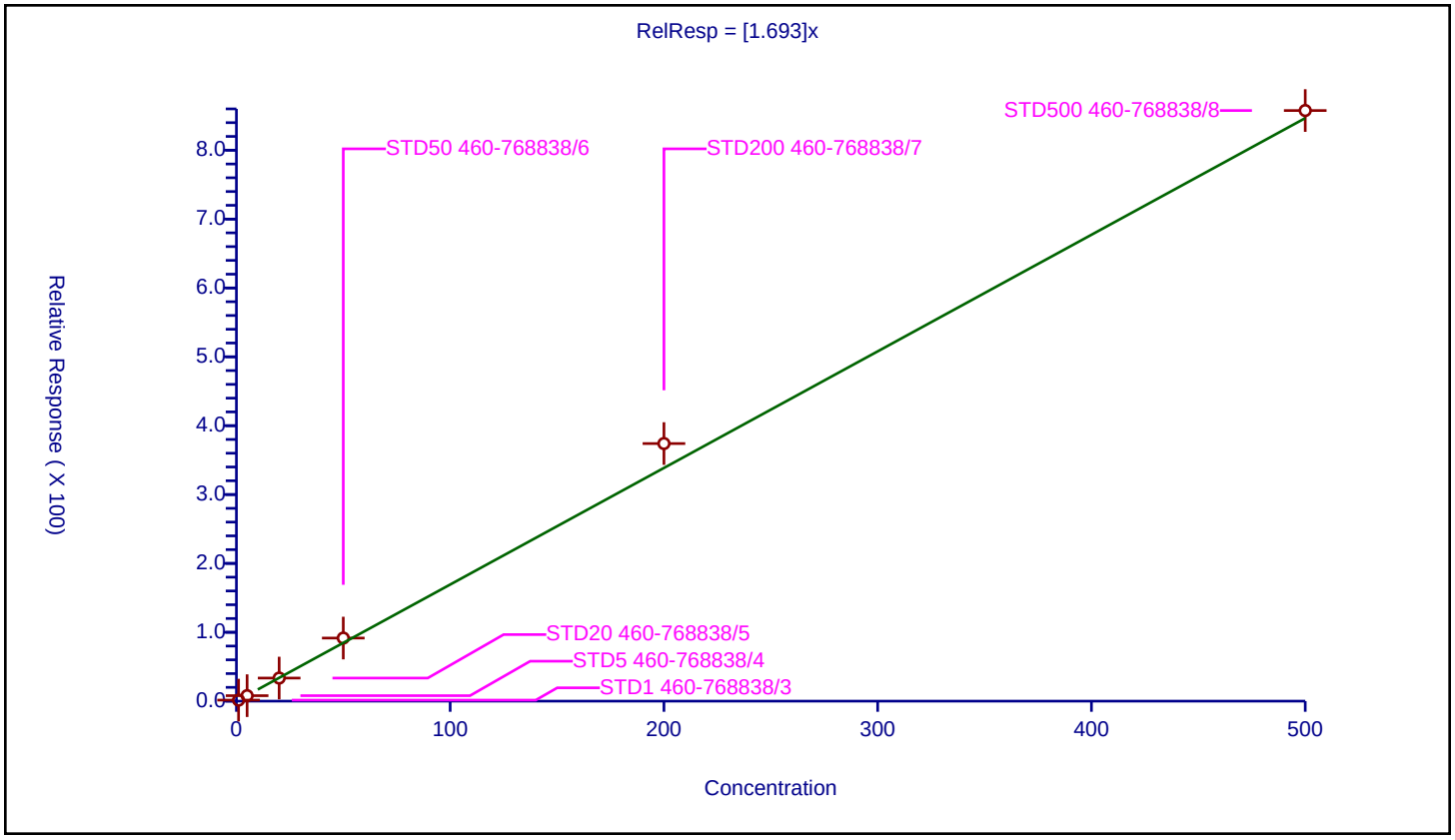
Curve Coefficients

Intercept:	0
Slope:	1.693

Error Coefficients

Standard Error:	6030000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.478392	50.0	506936.0	1.478392	Y
2	STD5 460-768838/4	5.0	7.932996	50.0	536298.0	1.586599	Y
3	STD20 460-768838/5	20.0	33.516264	50.0	574536.0	1.675813	Y
4	STD50 460-768838/6	50.0	91.596825	50.0	585493.0	1.831937	Y
5	STD200 460-768838/7	200.0	374.061631	50.0	648572.0	1.870308	Y
6	STD500 460-768838/8	500.0	857.606978	50.0	730737.0	1.715214	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

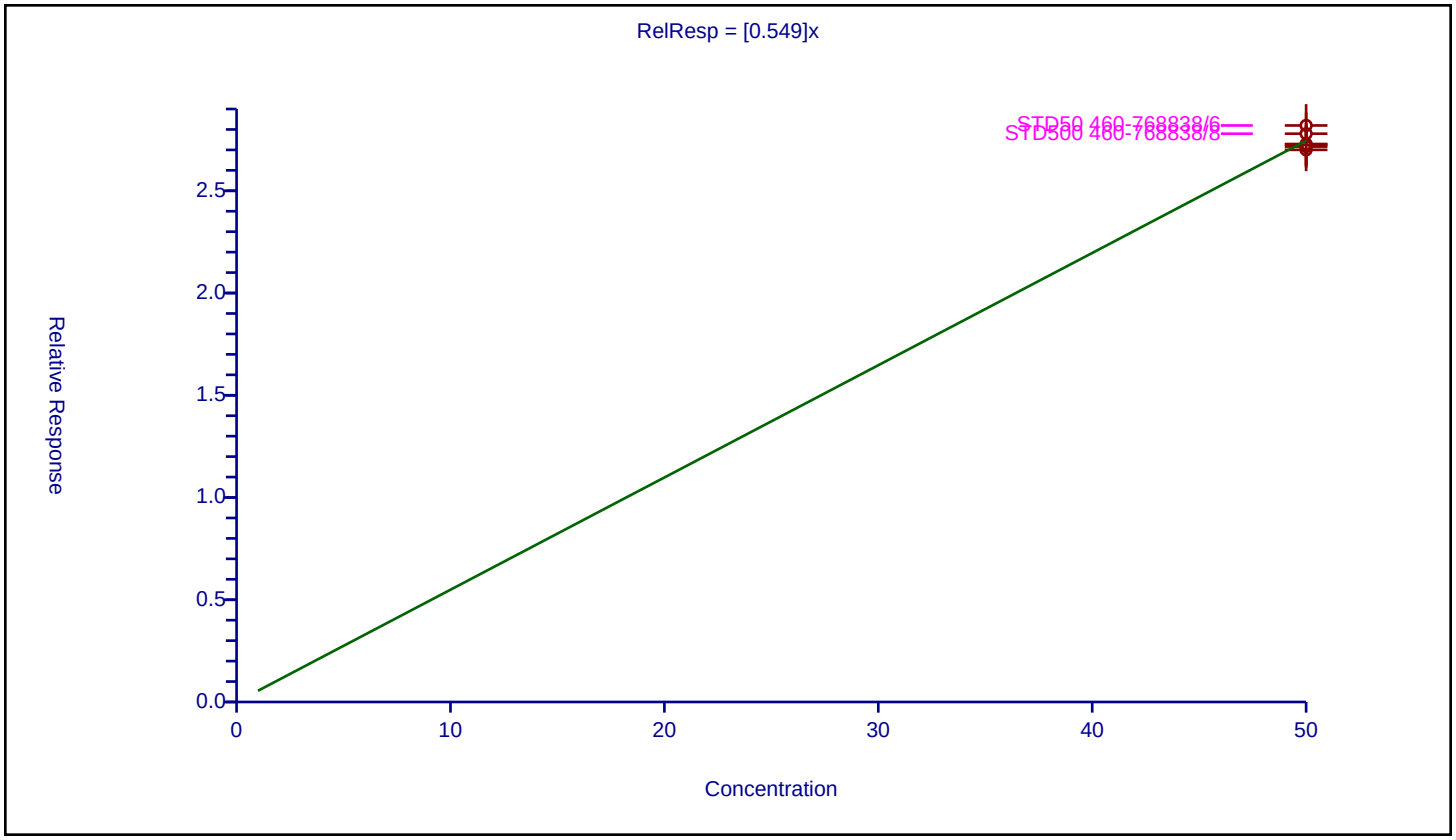
Curve Coefficients

Intercept:	0
Slope:	0.549

Error Coefficients

Standard Error:	362000
Relative Standard Error:	1.6
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	50.0	27.002718	50.0	506936.0	0.540054	Y
2	STD5 460-768838/4	50.0	27.161951	50.0	536298.0	0.543239	Y
3	STD20 460-768838/5	50.0	27.287672	50.0	574536.0	0.545753	Y
4	STD50 460-768838/6	50.0	28.195811	50.0	585493.0	0.563916	Y
5	STD200 460-768838/7	50.0	27.254954	50.0	648572.0	0.545099	Y
6	STD500 460-768838/8	50.0	27.792489	50.0	730737.0	0.55585	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

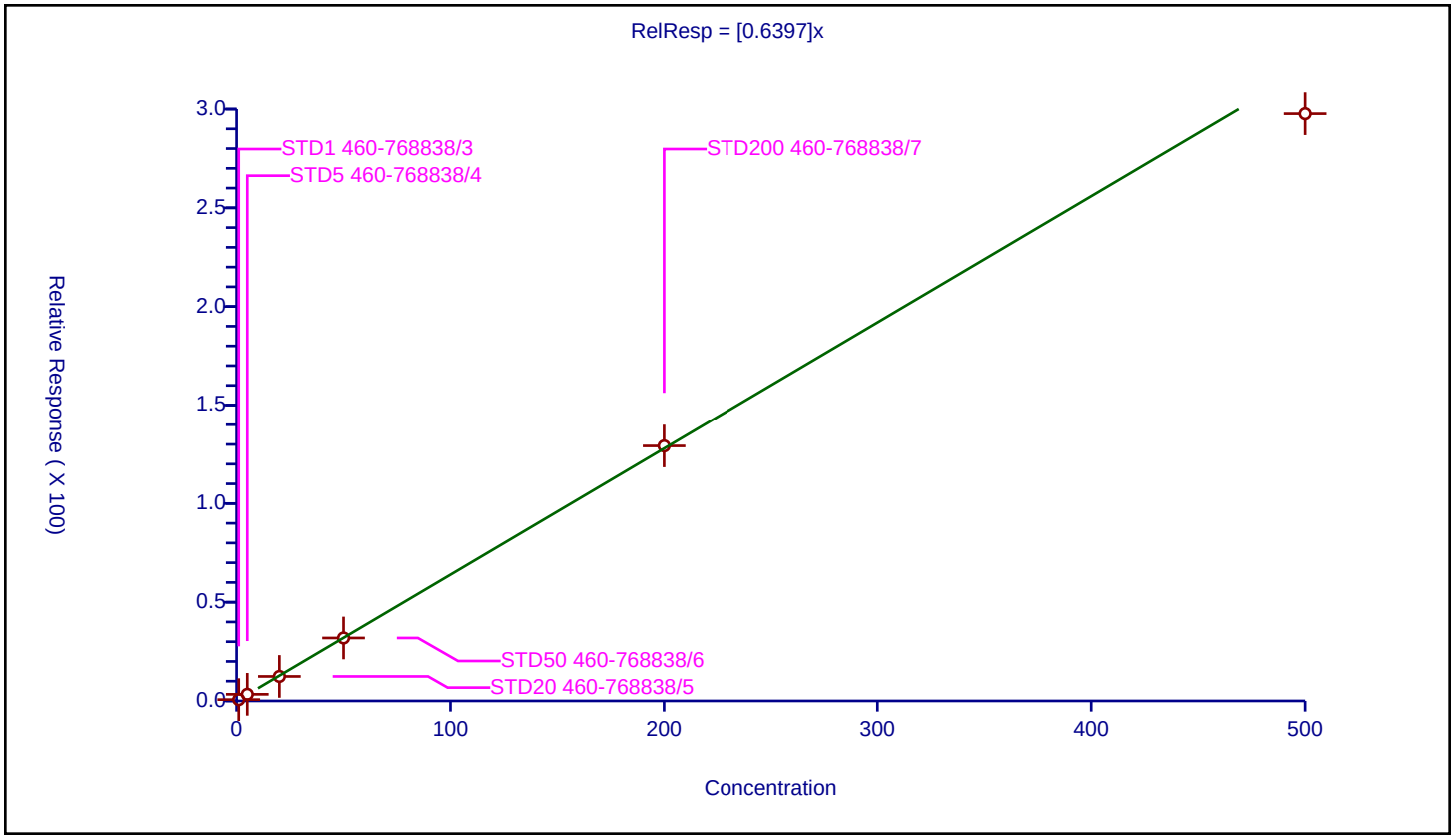
Curve Coefficients

Intercept:	0
Slope:	0.6397

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.666742	50.0	311515.0	0.666742	Y
2	STD5 460-768838/4	5.0	3.358195	50.0	330356.0	0.671639	Y
3	STD20 460-768838/5	20.0	12.411343	50.0	372502.0	0.620567	Y
4	STD50 460-768838/6	50.0	31.890249	50.0	386695.0	0.637805	Y
5	STD200 460-768838/7	200.0	129.227349	50.0	407933.0	0.646137	Y
6	STD500 460-768838/8	500.0	297.685095	50.0	485549.0	0.59537	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

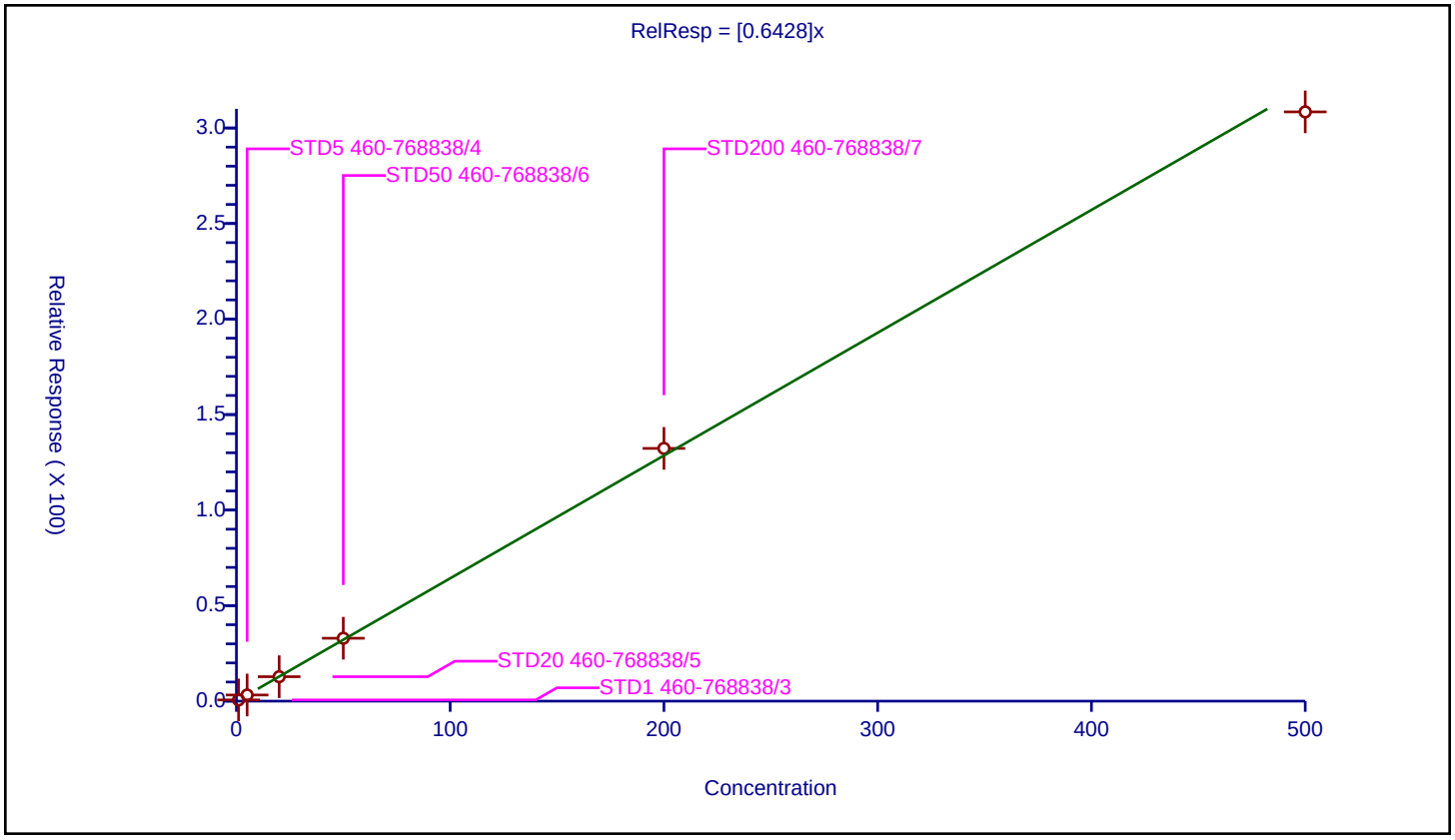
Curve Coefficients

Intercept:	0
Slope:	0.6428

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.636887	50.0	311515.0	0.636887	Y
2	STD5 460-768838/4	5.0	3.218044	50.0	330356.0	0.643609	Y
3	STD20 460-768838/5	20.0	12.786911	50.0	372502.0	0.639346	Y
4	STD50 460-768838/6	50.0	32.918062	50.0	386695.0	0.658361	Y
5	STD200 460-768838/7	200.0	132.299789	50.0	407933.0	0.661499	Y
6	STD500 460-768838/8	500.0	308.435812	50.0	485549.0	0.616872	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

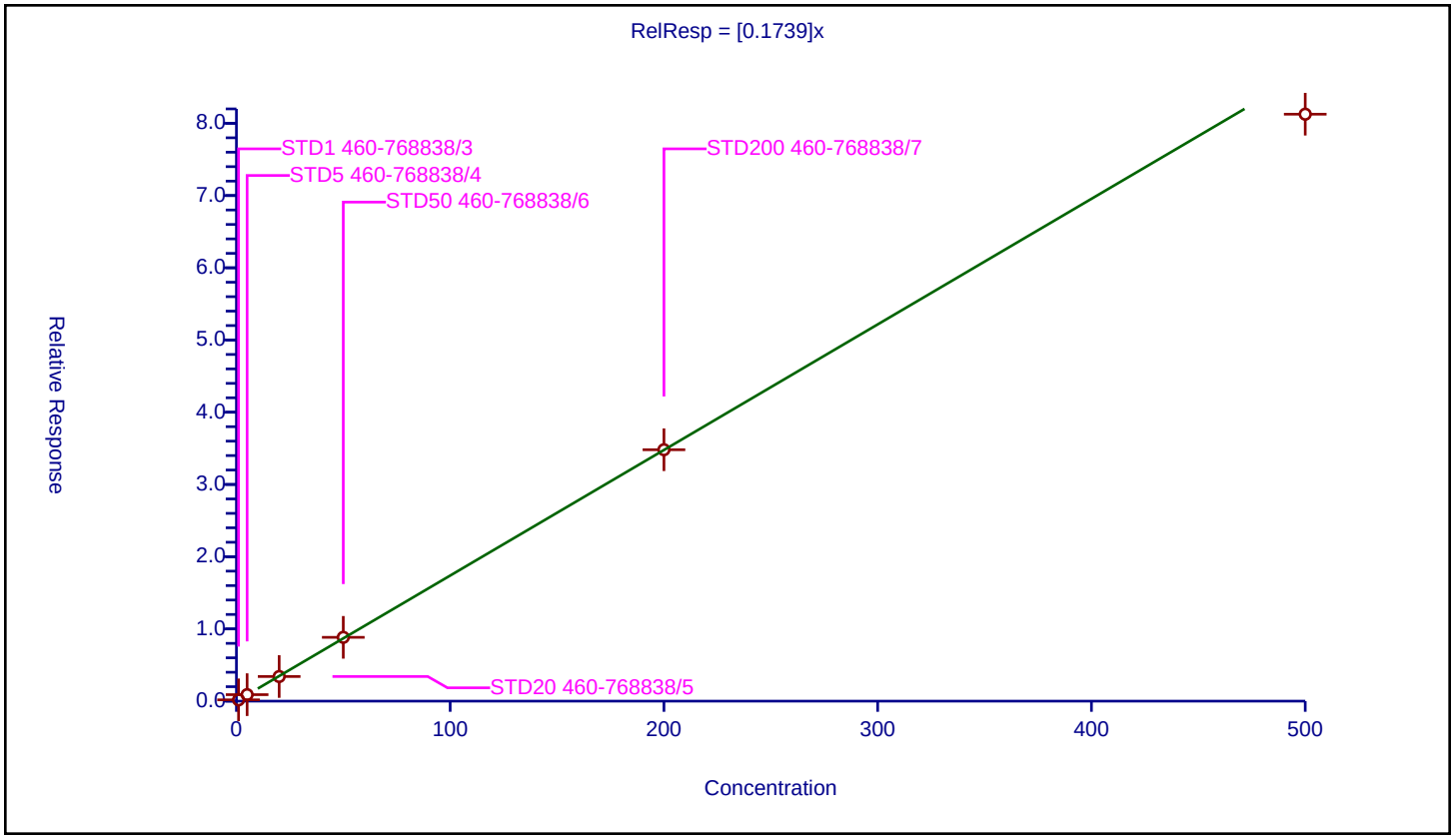
Curve Coefficients

Intercept:	0
Slope:	0.1739

Error Coefficients

Standard Error:	376000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.180248	50.0	311515.0	0.180248	Y
2	STD5 460-768838/4	5.0	0.896457	50.0	330356.0	0.179291	Y
3	STD20 460-768838/5	20.0	3.40817	50.0	372502.0	0.170408	Y
4	STD50 460-768838/6	50.0	8.833835	50.0	386695.0	0.176677	Y
5	STD200 460-768838/7	200.0	34.810373	50.0	407933.0	0.174052	Y
6	STD500 460-768838/8	500.0	81.266875	50.0	485549.0	0.162534	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

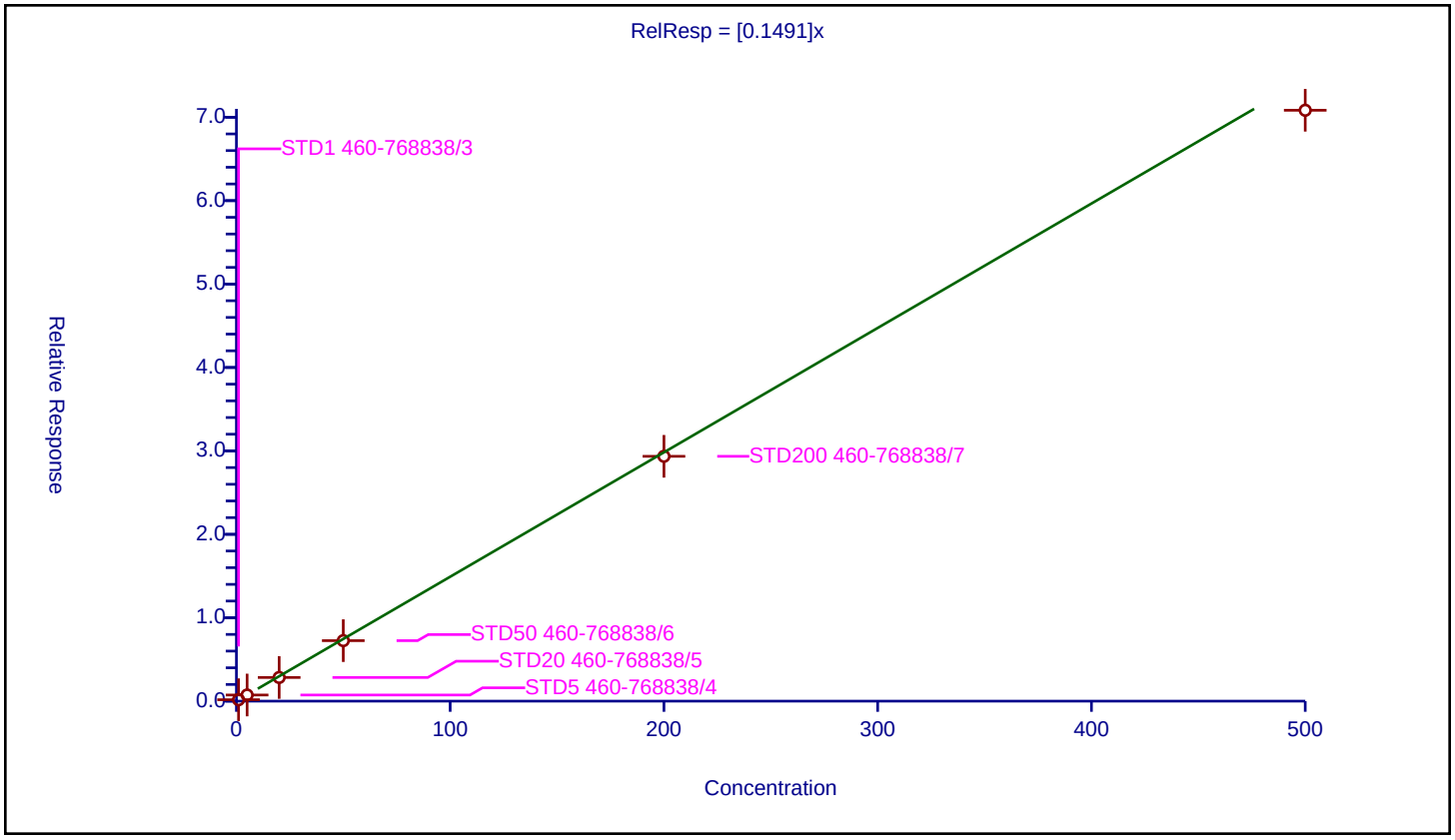
Curve Coefficients

Intercept:	0
Slope:	0.1491

Error Coefficients

Standard Error:	327000
Relative Standard Error:	7.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.172062	50.0	311515.0	0.172062	Y
2	STD5 460-768838/4	5.0	0.736781	50.0	330356.0	0.147356	Y
3	STD20 460-768838/5	20.0	2.837166	50.0	372502.0	0.141858	Y
4	STD50 460-768838/6	50.0	7.252874	50.0	386695.0	0.145057	Y
5	STD200 460-768838/7	200.0	29.351143	50.0	407933.0	0.146756	Y
6	STD500 460-768838/8	500.0	70.835075	50.0	485549.0	0.14167	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

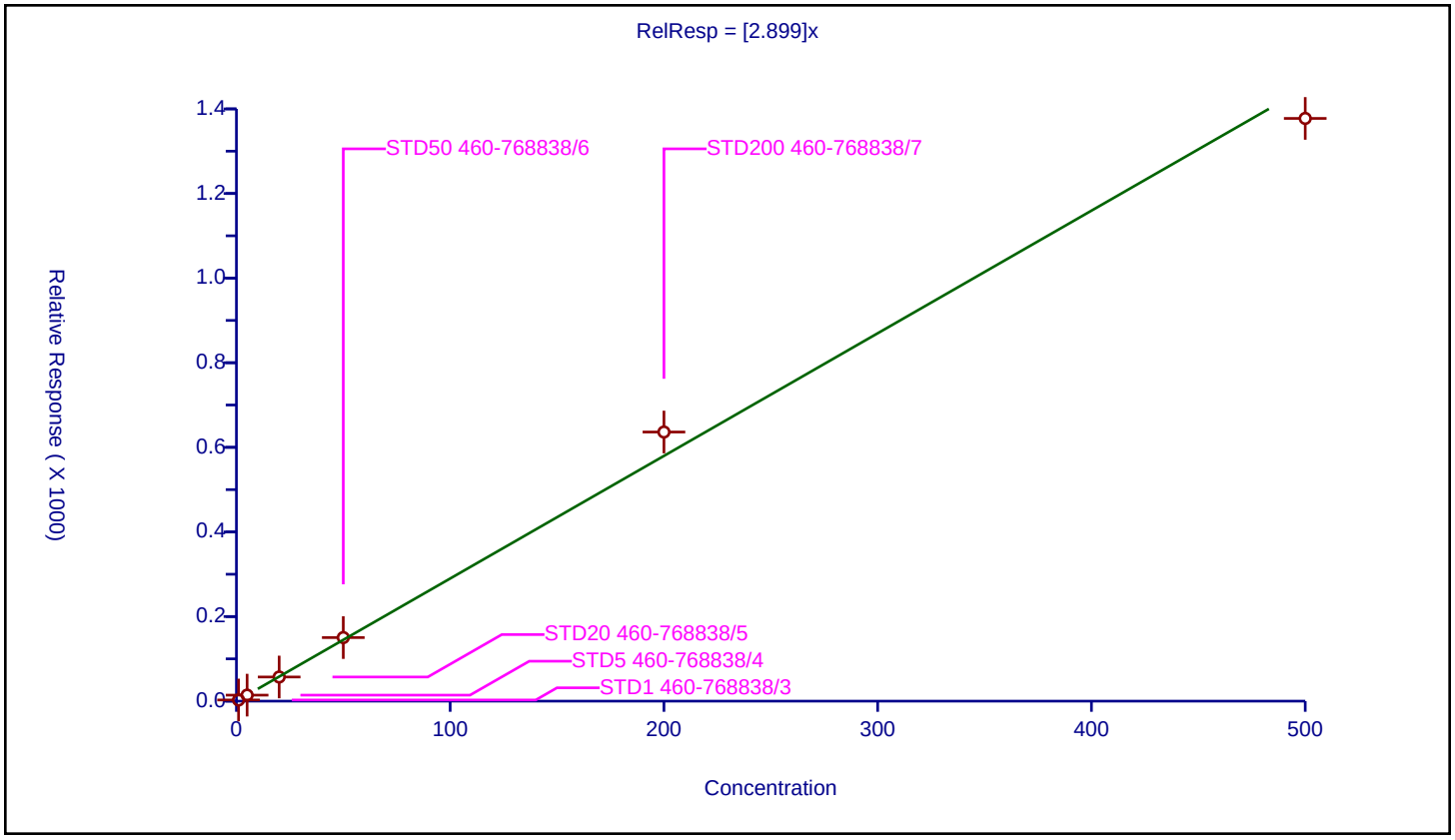
Curve Coefficients

Intercept:	0
Slope:	2.899

Error Coefficients

Standard Error:	6440000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	2.762467	50.0	311515.0	2.762467	Y
2	STD5 460-768838/4	5.0	14.171681	50.0	330356.0	2.834336	Y
3	STD20 460-768838/5	20.0	57.066137	50.0	372502.0	2.853307	Y
4	STD50 460-768838/6	50.0	150.272954	50.0	386695.0	3.005459	Y
5	STD200 460-768838/7	200.0	636.154834	50.0	407933.0	3.180774	Y
6	STD500 460-768838/8	500.0	1377.459021	50.0	485549.0	2.754918	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

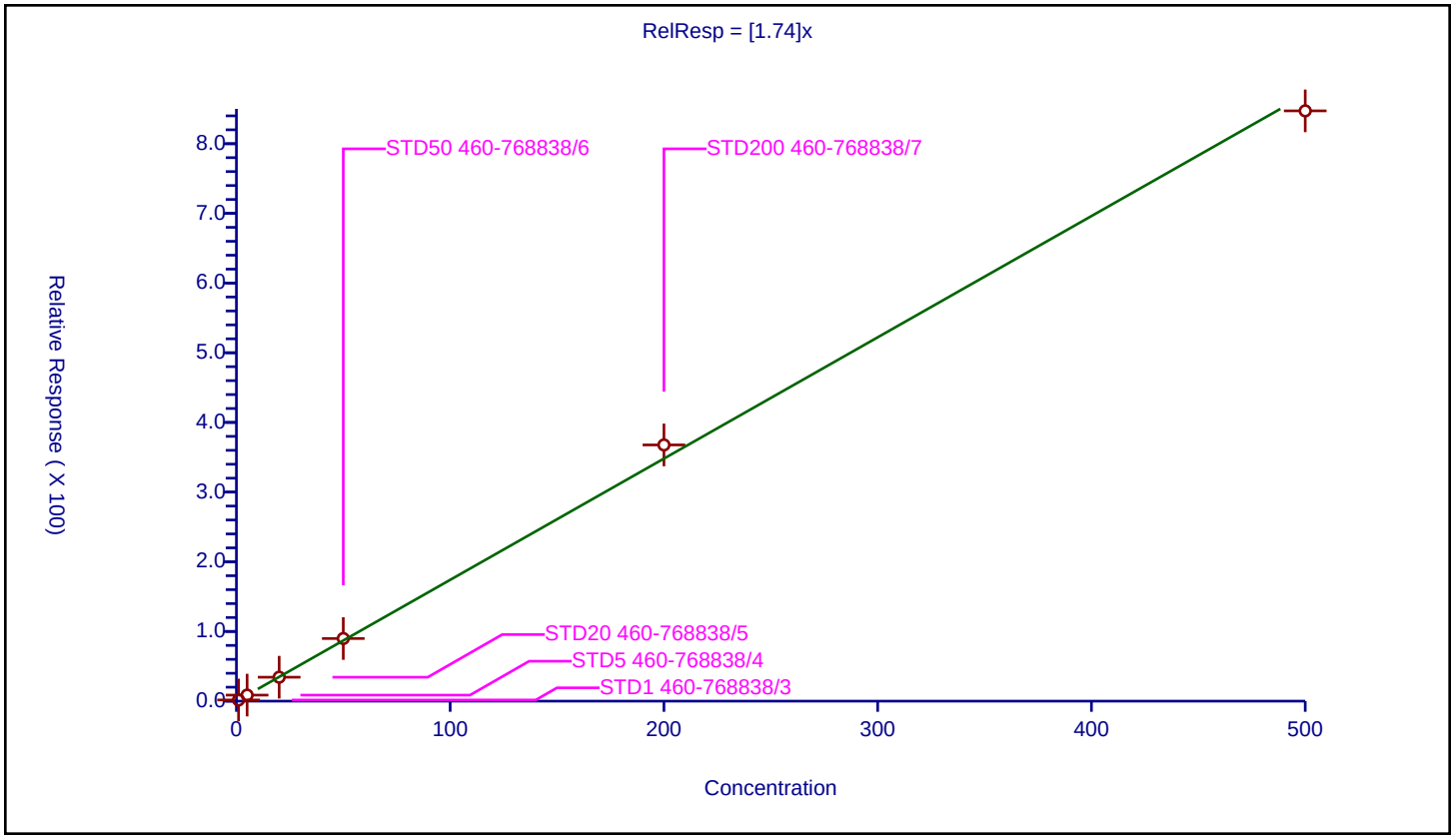
Curve Coefficients

Intercept:	0
Slope:	1.74

Error Coefficients

Standard Error:	3930000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.660594	50.0	311515.0	1.660594	Y
2	STD5 460-768838/4	5.0	8.675035	50.0	330356.0	1.735007	Y
3	STD20 460-768838/5	20.0	34.337668	50.0	372502.0	1.716883	Y
4	STD50 460-768838/6	50.0	89.879879	50.0	386695.0	1.797598	Y
5	STD200 460-768838/7	200.0	367.720802	50.0	407933.0	1.838604	Y
6	STD500 460-768838/8	500.0	847.152914	50.0	485549.0	1.694306	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

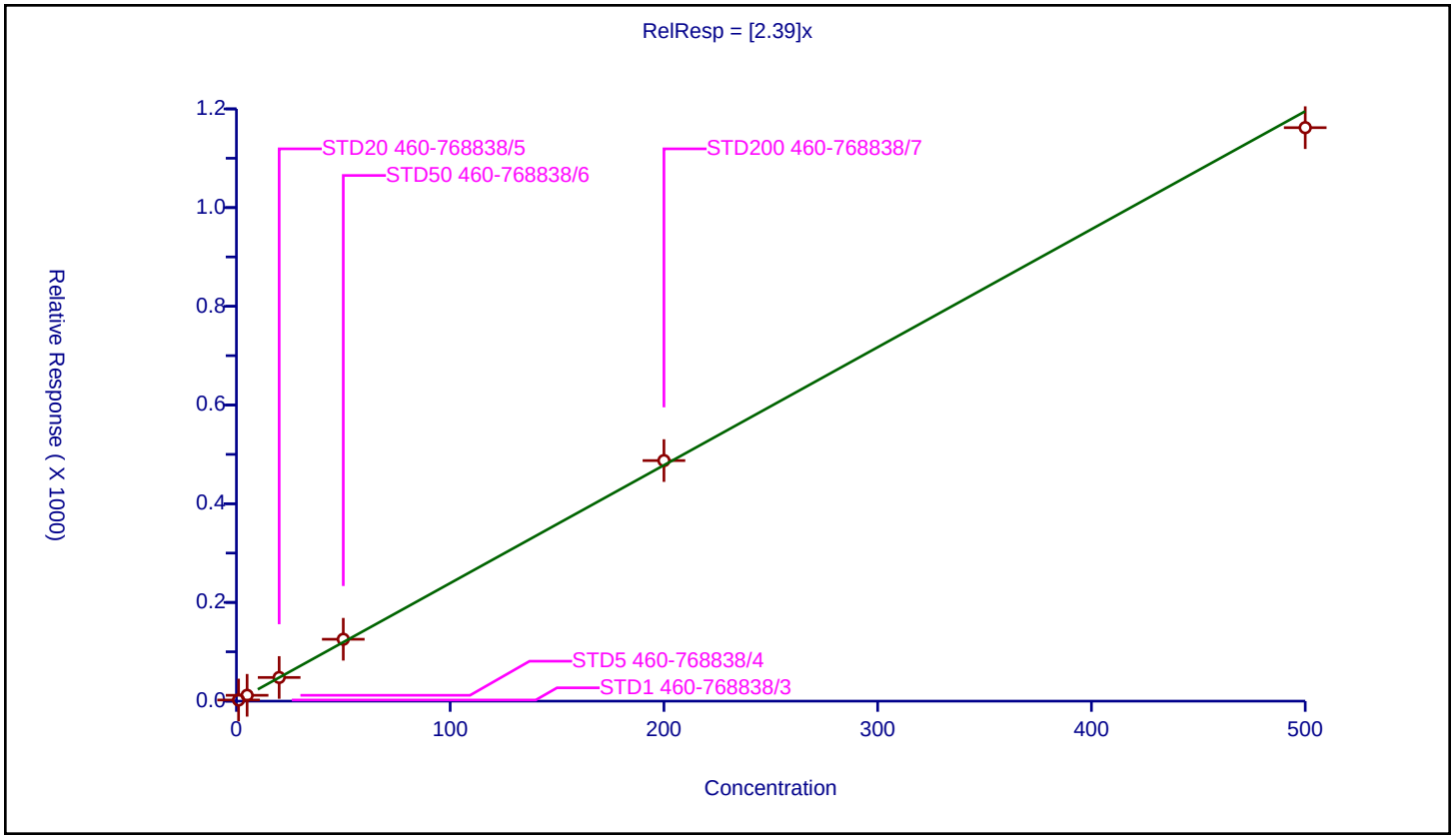
Curve Coefficients

Intercept:	0
Slope:	2.39

Error Coefficients

Standard Error:	5370000
Relative Standard Error:	3.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	2.305667	50.0	311515.0	2.305667	Y
2	STD5 460-768838/4	5.0	11.844192	50.0	330356.0	2.368838	Y
3	STD20 460-768838/5	20.0	47.966185	50.0	372502.0	2.398309	Y
4	STD50 460-768838/6	50.0	125.389648	50.0	386695.0	2.507793	Y
5	STD200 460-768838/7	200.0	487.450513	50.0	407933.0	2.437253	Y
6	STD500 460-768838/8	500.0	1161.980253	50.0	485549.0	2.323961	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

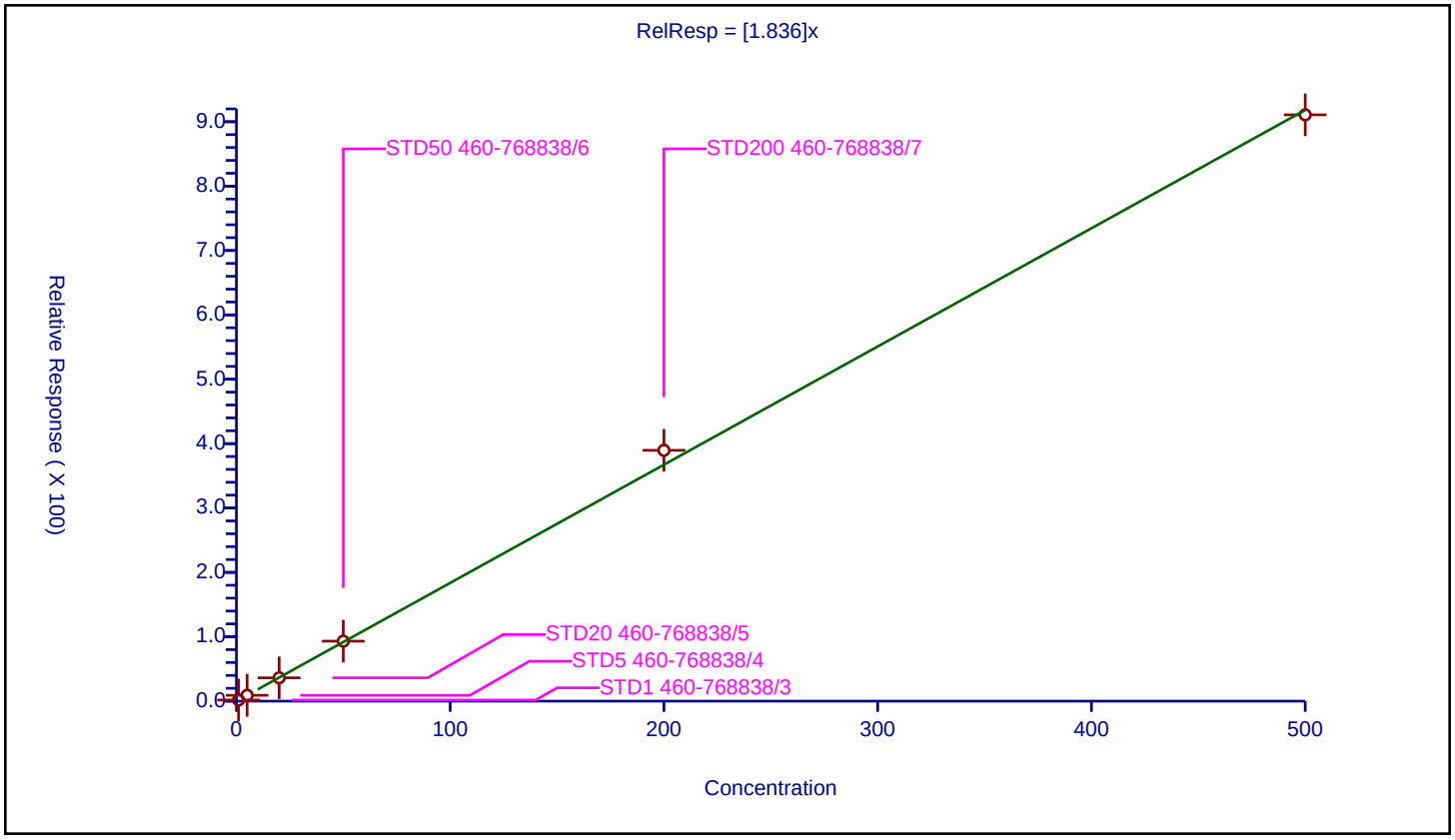
Curve Coefficients

Intercept:	0
Slope:	1.836

Error Coefficients

Standard Error:	4220000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.75433	50.0	311515.0	1.75433	Y
2	STD5 460-768838/4	5.0	9.093372	50.0	330356.0	1.818674	Y
3	STD20 460-768838/5	20.0	36.24155	50.0	372502.0	1.812078	Y
4	STD50 460-768838/6	50.0	93.178215	50.0	386695.0	1.863564	Y
5	STD200 460-768838/7	200.0	389.628444	50.0	407933.0	1.948142	Y
6	STD500 460-768838/8	500.0	910.777285	50.0	485549.0	1.821555	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

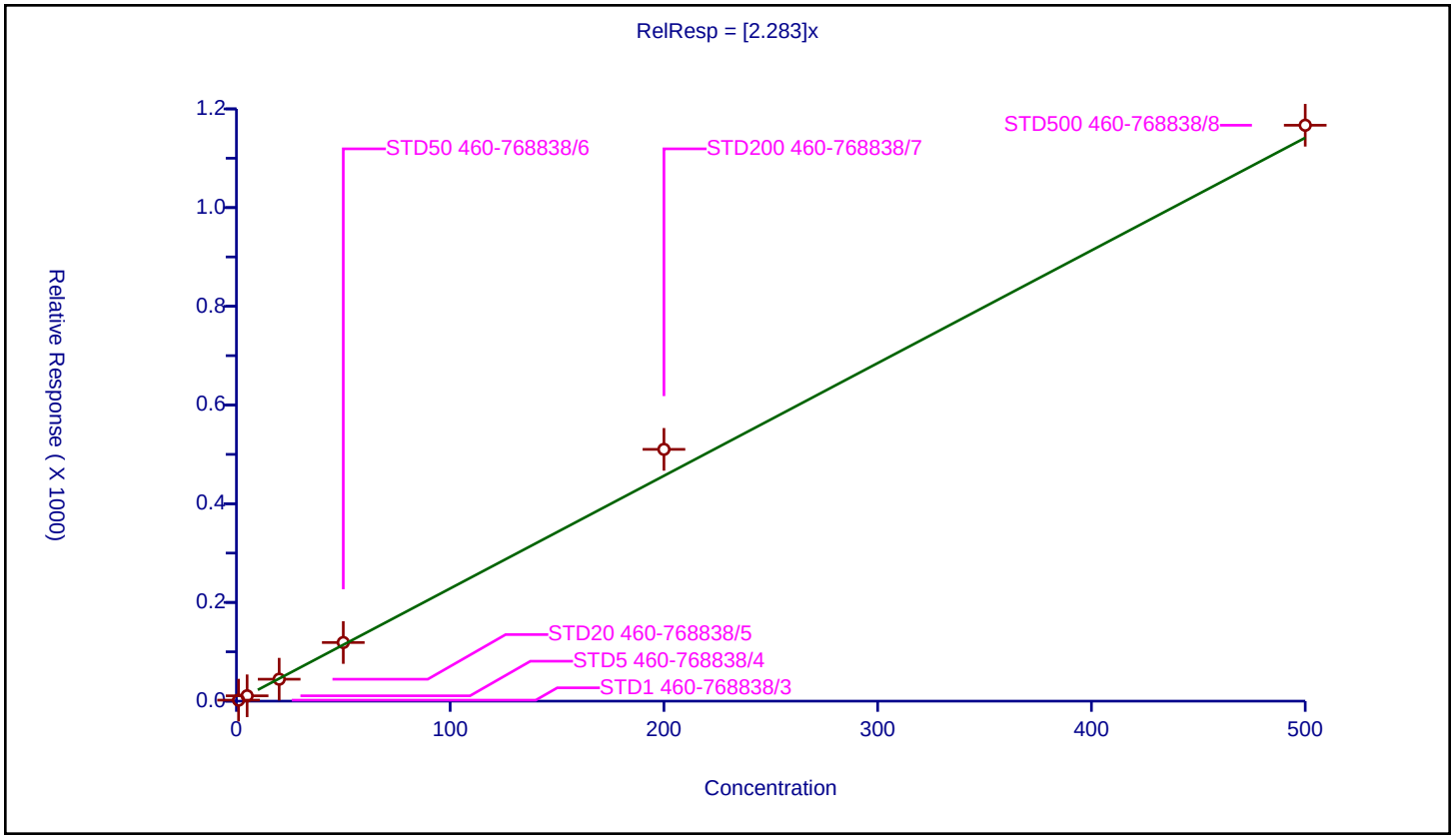
Curve Coefficients

Intercept:	0
Slope:	2.283

Error Coefficients

Standard Error:	5420000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	2.049661	50.0	311515.0	2.049661	Y
2	STD5 460-768838/4	5.0	10.821962	50.0	330356.0	2.164392	Y
3	STD20 460-768838/5	20.0	44.464057	50.0	372502.0	2.223203	Y
4	STD50 460-768838/6	50.0	118.794528	50.0	386695.0	2.375891	Y
5	STD200 460-768838/7	200.0	510.137939	50.0	407933.0	2.55069	Y
6	STD500 460-768838/8	500.0	1166.865033	50.0	485549.0	2.33373	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

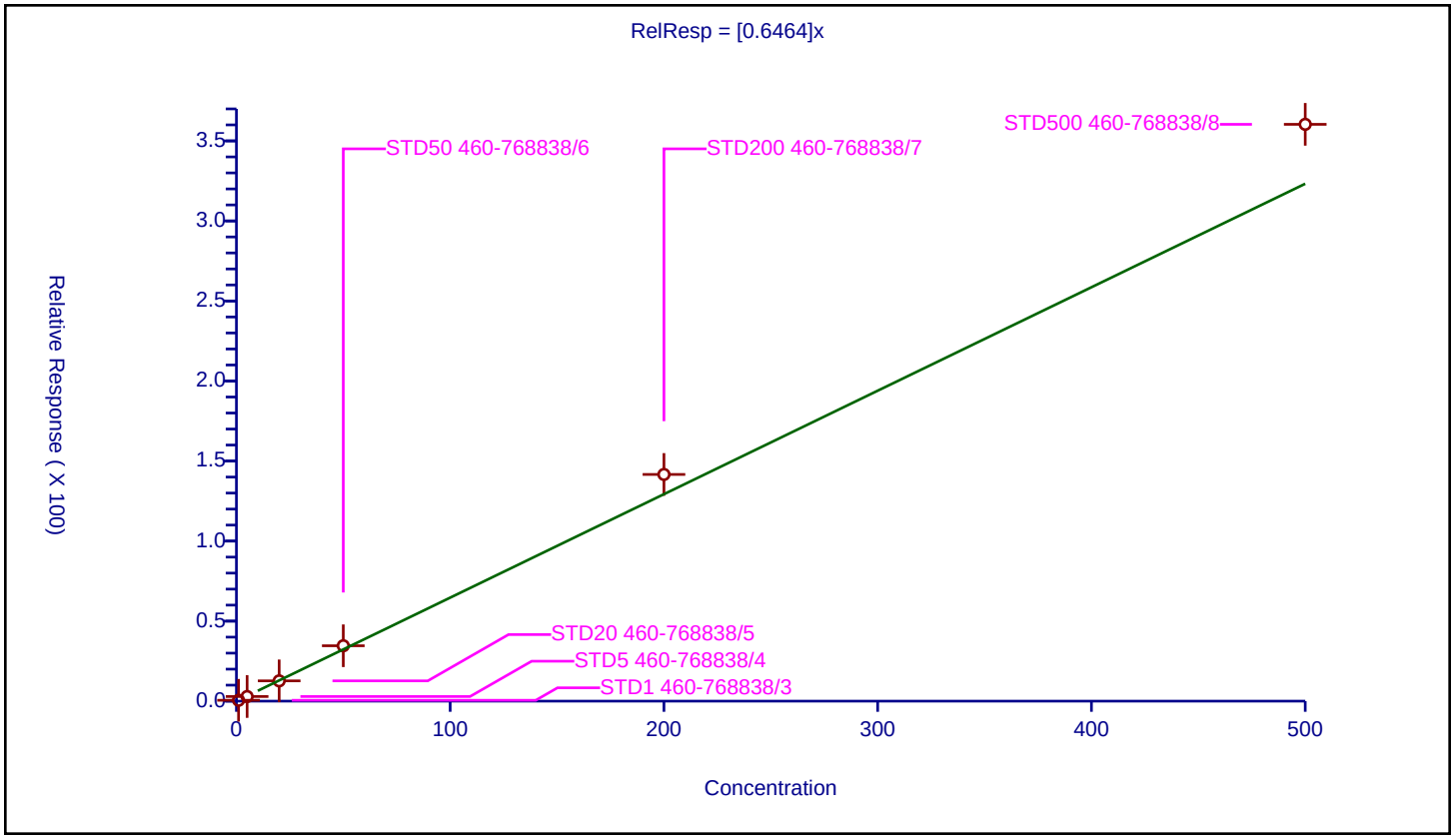
Curve Coefficients

Intercept:	0
Slope:	0.6464

Error Coefficients

Standard Error:	1650000
Relative Standard Error:	11.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.548449	50.0	311515.0	0.548449	Y
2	STD5 460-768838/4	5.0	2.879621	50.0	330356.0	0.575924	Y
3	STD20 460-768838/5	20.0	12.670939	50.0	372502.0	0.633547	Y
4	STD50 460-768838/6	50.0	34.597551	50.0	386695.0	0.691951	Y
5	STD200 460-768838/7	200.0	141.620438	50.0	407933.0	0.708102	Y
6	STD500 460-768838/8	500.0	360.349934	50.0	485549.0	0.7207	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

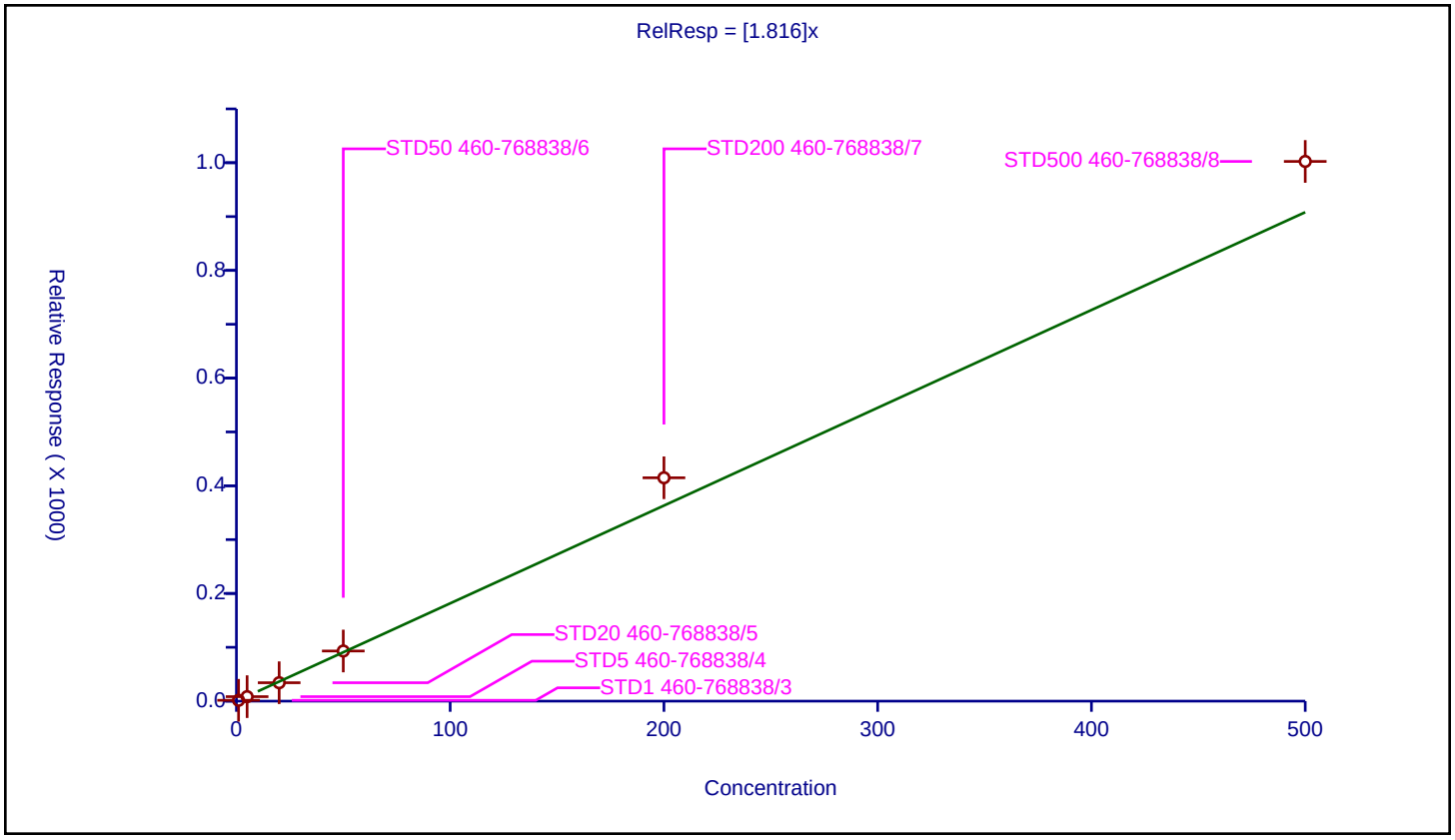
Curve Coefficients

Intercept:	0
Slope:	1.816

Error Coefficients

Standard Error:	4620000
Relative Standard Error:	10.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.575045	50.0	311515.0	1.575045	Y
2	STD5 460-768838/4	5.0	8.346148	50.0	330356.0	1.66923	Y
3	STD20 460-768838/5	20.0	34.212434	50.0	372502.0	1.710622	Y
4	STD50 460-768838/6	50.0	93.142011	50.0	386695.0	1.86284	Y
5	STD200 460-768838/7	200.0	414.871682	50.0	407933.0	2.074358	Y
6	STD500 460-768838/8	500.0	1002.395021	50.0	485549.0	2.00479	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

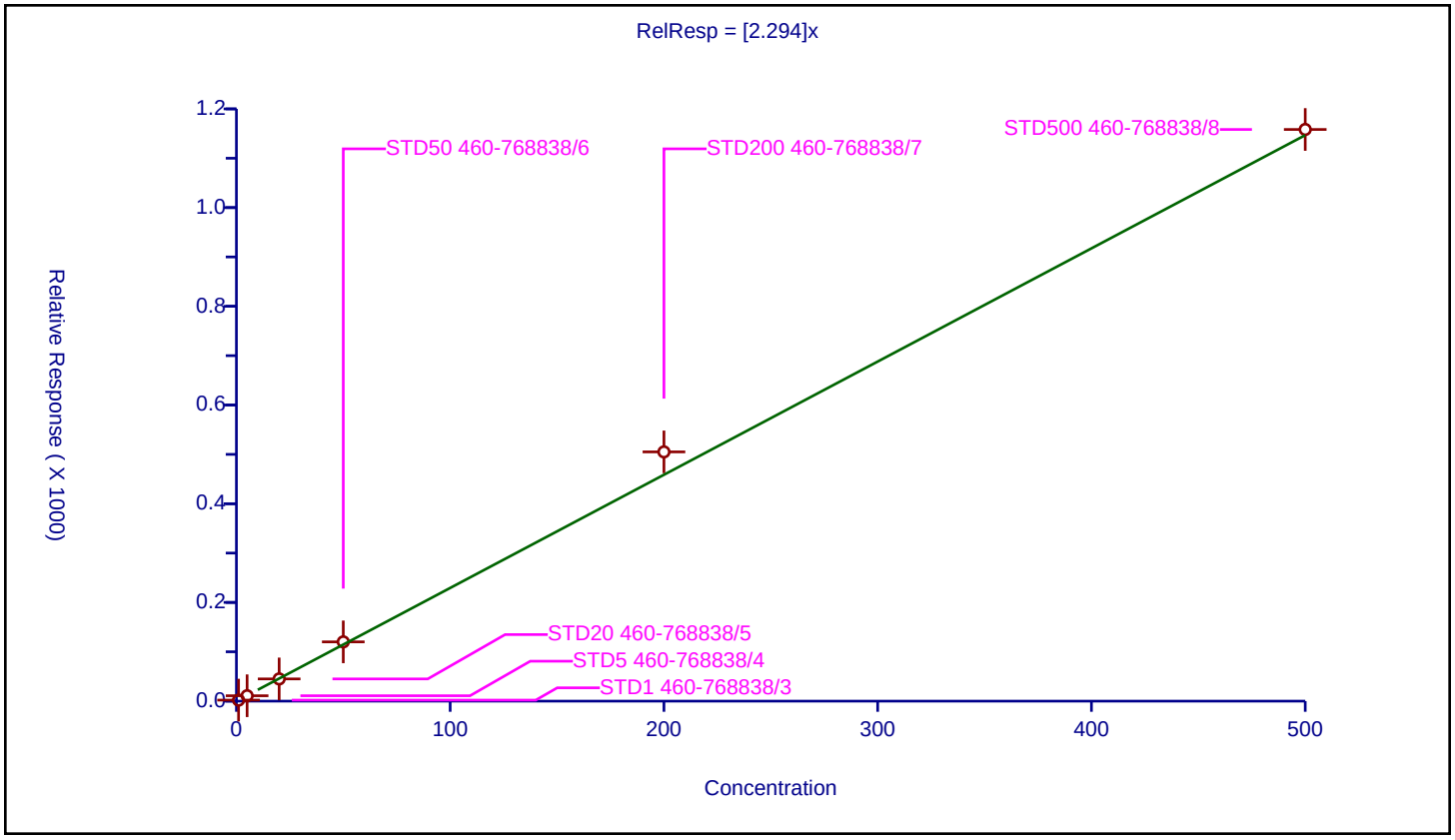
Curve Coefficients

Intercept:	0
Slope:	2.294

Error Coefficients

Standard Error:	5370000
Relative Standard Error:	6.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	2.075502	50.0	311515.0	2.075502	Y
2	STD5 460-768838/4	5.0	10.948341	50.0	330356.0	2.189668	Y
3	STD20 460-768838/5	20.0	45.053047	50.0	372502.0	2.252652	Y
4	STD50 460-768838/6	50.0	120.085597	50.0	386695.0	2.401712	Y
5	STD200 460-768838/7	200.0	505.014917	50.0	407933.0	2.525075	Y
6	STD500 460-768838/8	500.0	1158.261988	50.0	485549.0	2.316524	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

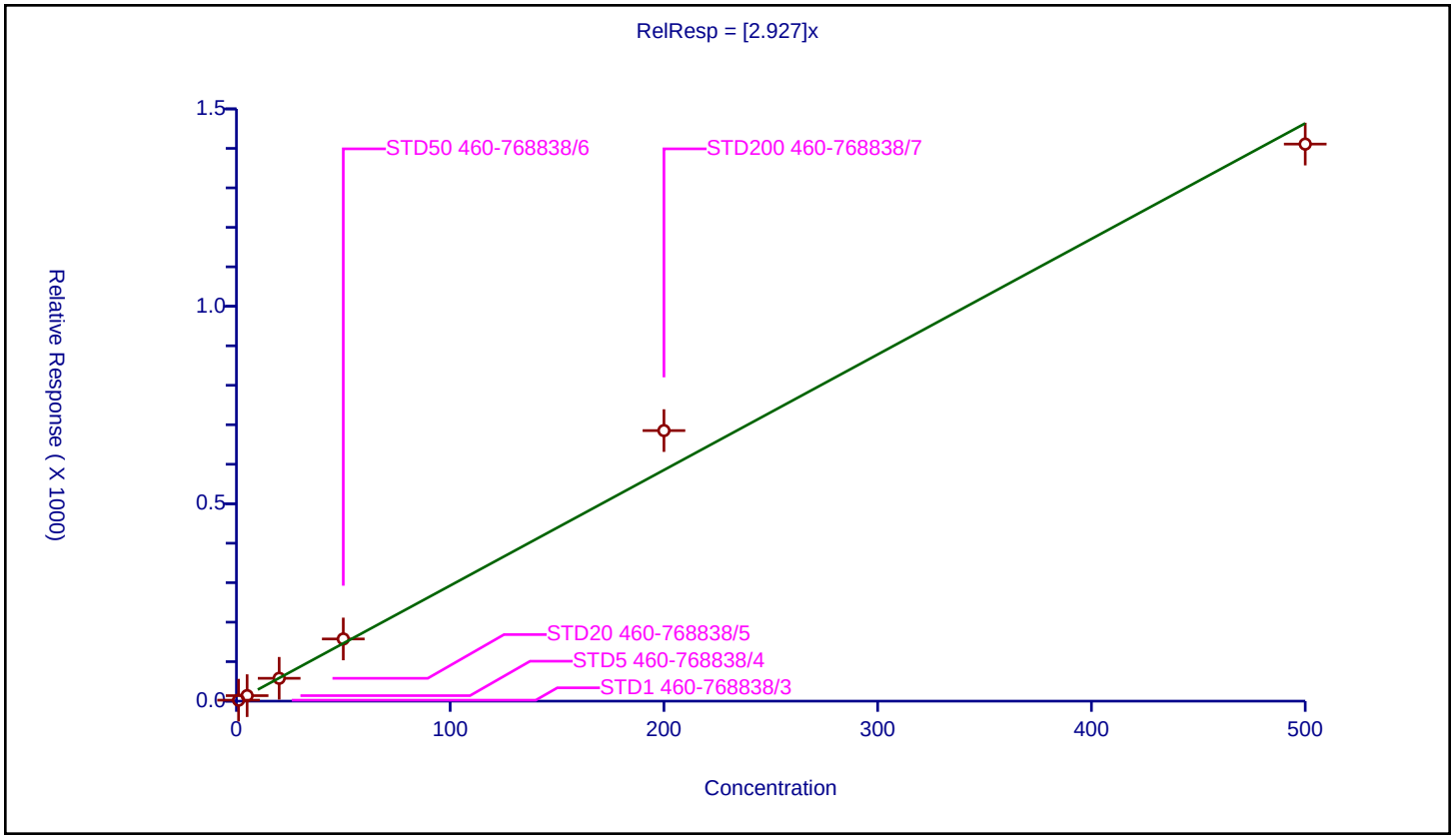
Curve Coefficients

Intercept:	0
Slope:	2.927

Error Coefficients

Standard Error:	6640000
Relative Standard Error:	11.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	2.476767	50.0	311515.0	2.476767	Y
2	STD5 460-768838/4	5.0	13.96221	50.0	330356.0	2.792442	Y
3	STD20 460-768838/5	20.0	57.869891	50.0	372502.0	2.893495	Y
4	STD50 460-768838/6	50.0	157.491822	50.0	386695.0	3.149836	Y
5	STD200 460-768838/7	200.0	685.237649	50.0	407933.0	3.426188	Y
6	STD500 460-768838/8	500.0	1410.880261	50.0	485549.0	2.821761	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

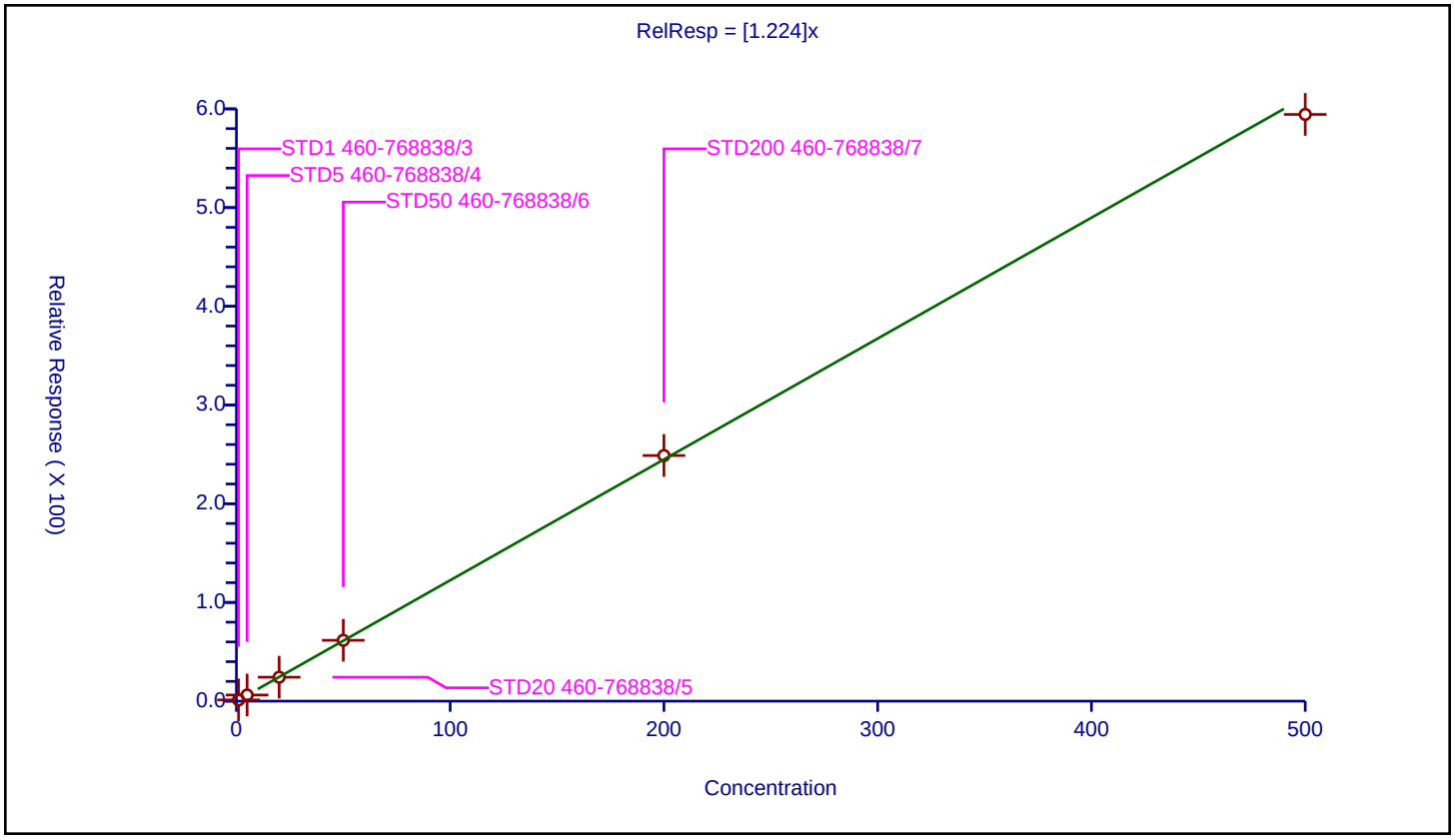
Curve Coefficients

Intercept:	0
Slope:	1.224

Error Coefficients

Standard Error:	2750000
Relative Standard Error:	1.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.227068	50.0	311515.0	1.227068	Y
2	STD5 460-768838/4	5.0	6.212843	50.0	330356.0	1.242569	Y
3	STD20 460-768838/5	20.0	24.230608	50.0	372502.0	1.21153	Y
4	STD50 460-768838/6	50.0	61.631389	50.0	386695.0	1.232628	Y
5	STD200 460-768838/7	200.0	248.816963	50.0	407933.0	1.244085	Y
6	STD500 460-768838/8	500.0	594.383471	50.0	485549.0	1.188767	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

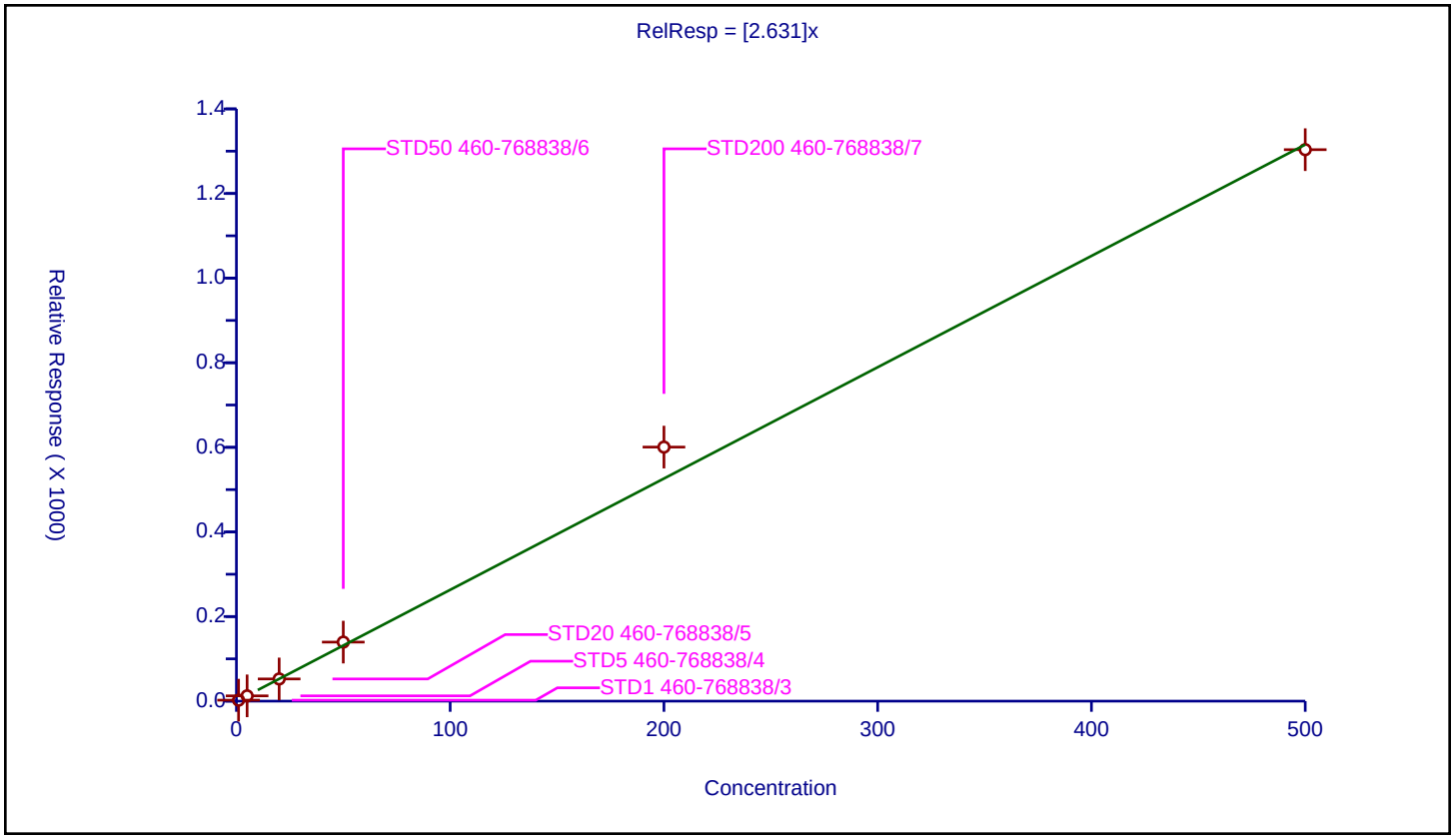
Curve Coefficients

Intercept:	0
Slope:	2.631

Error Coefficients

Standard Error:	6090000
Relative Standard Error:	9.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	2.267788	50.0	311515.0	2.267788	Y
2	STD5 460-768838/4	5.0	12.474876	50.0	330356.0	2.494975	Y
3	STD20 460-768838/5	20.0	52.454349	50.0	372502.0	2.622717	Y
4	STD50 460-768838/6	50.0	139.52663	50.0	386695.0	2.790533	Y
5	STD200 460-768838/7	200.0	600.558425	50.0	407933.0	3.002792	Y
6	STD500 460-768838/8	500.0	1303.618172	50.0	485549.0	2.607236	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

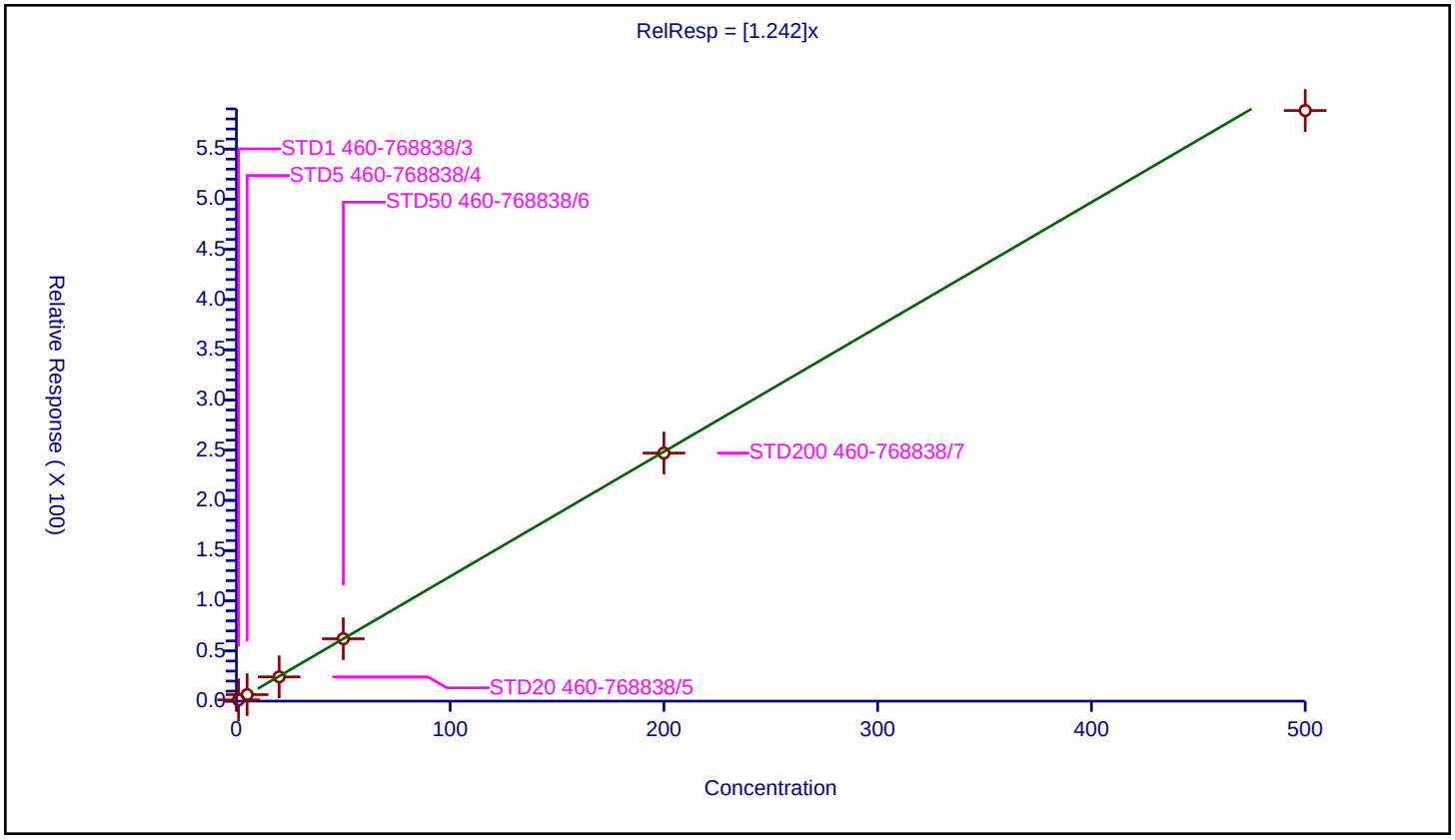
Curve Coefficients

Intercept:	0
Slope:	1.242

Error Coefficients

Standard Error:	2720000
Relative Standard Error:	3.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.290628	50.0	311515.0	1.290628	Y
2	STD5 460-768838/4	5.0	6.487698	50.0	330356.0	1.29754	Y
3	STD20 460-768838/5	20.0	24.219602	50.0	372502.0	1.21098	Y
4	STD50 460-768838/6	50.0	62.151954	50.0	386695.0	1.243039	Y
5	STD200 460-768838/7	200.0	247.145732	50.0	407933.0	1.235729	Y
6	STD500 460-768838/8	500.0	588.365747	50.0	485549.0	1.176731	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

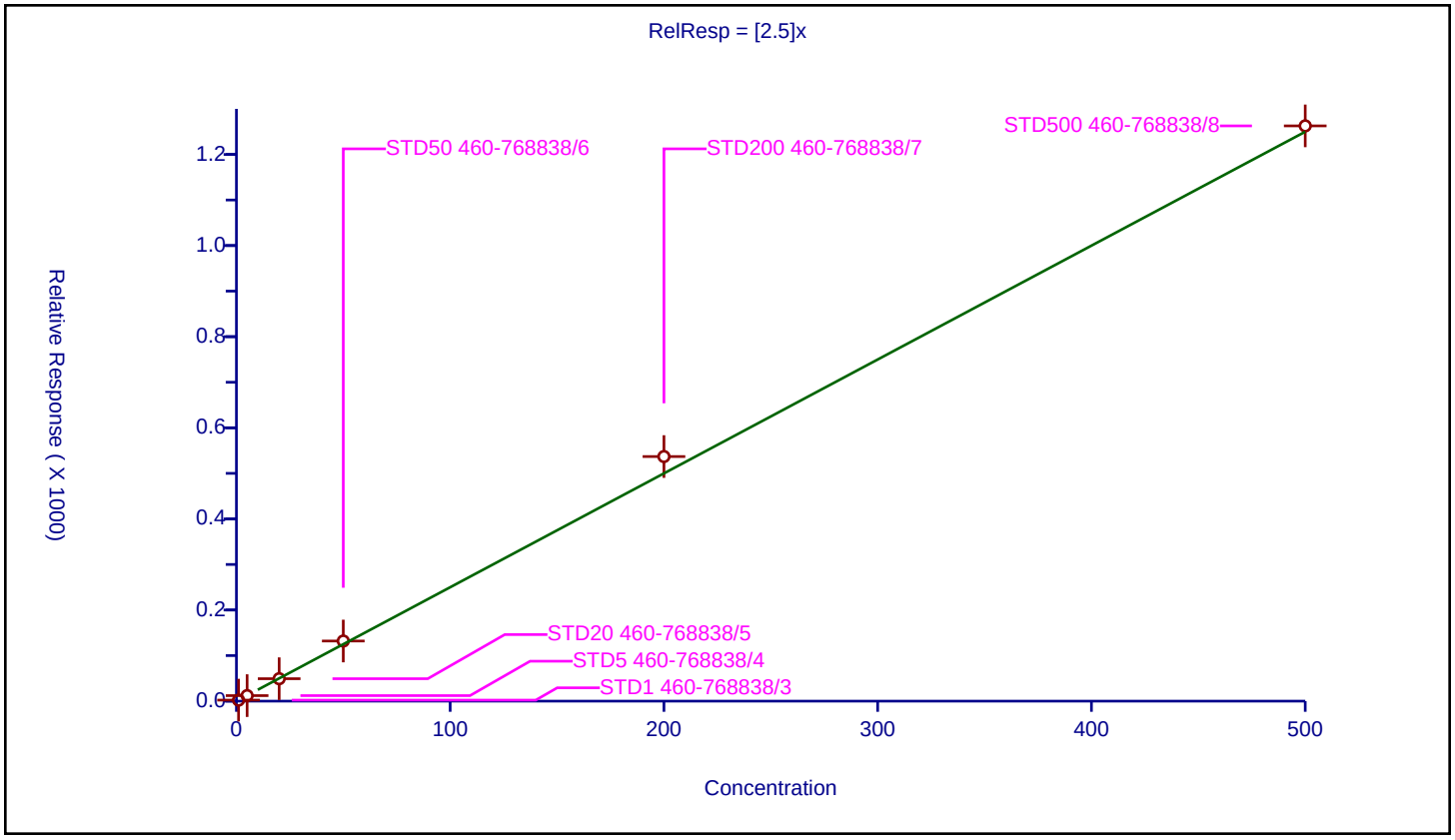
Curve Coefficients

Intercept:	0
Slope:	2.5

Error Coefficients

Standard Error:	5840000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	2.263294	50.0	311515.0	2.263294	Y
2	STD5 460-768838/4	5.0	12.114355	50.0	330356.0	2.422871	Y
3	STD20 460-768838/5	20.0	49.244568	50.0	372502.0	2.462228	Y
4	STD50 460-768838/6	50.0	131.964727	50.0	386695.0	2.639295	Y
5	STD200 460-768838/7	200.0	536.904712	50.0	407933.0	2.684524	Y
6	STD500 460-768838/8	500.0	1262.691922	50.0	485549.0	2.525384	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

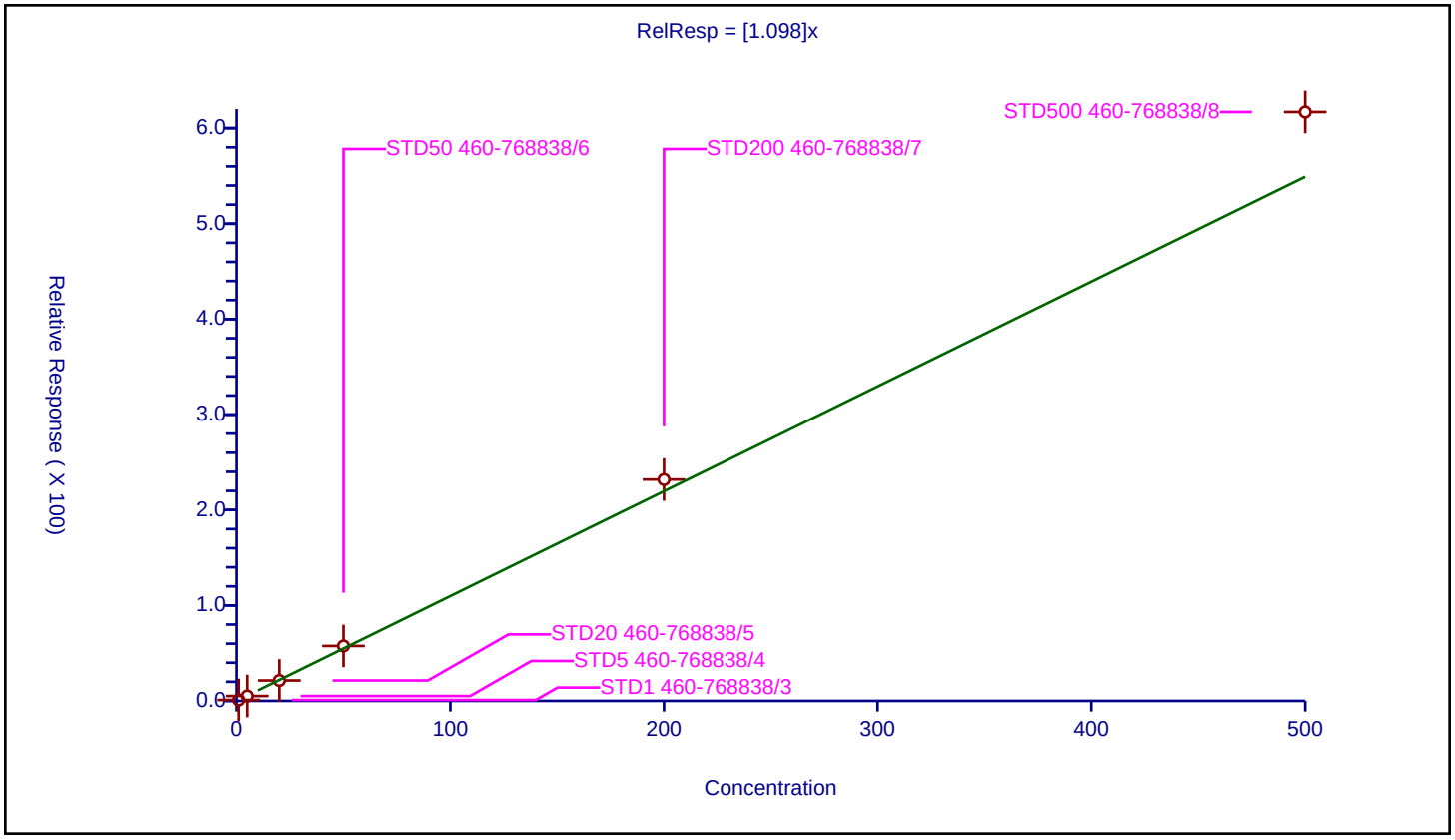
Curve Coefficients

Intercept:	0
Slope:	1.098

Error Coefficients

Standard Error:	2820000
Relative Standard Error:	9.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.954529	50.0	311515.0	0.954529	Y
2	STD5 460-768838/4	5.0	5.117964	50.0	330356.0	1.023593	Y
3	STD20 460-768838/5	20.0	21.358409	50.0	372502.0	1.06792	Y
4	STD50 460-768838/6	50.0	57.552076	50.0	386695.0	1.151042	Y
5	STD200 460-768838/7	200.0	231.910387	50.0	407933.0	1.159552	Y
6	STD500 460-768838/8	500.0	616.897677	50.0	485549.0	1.233795	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

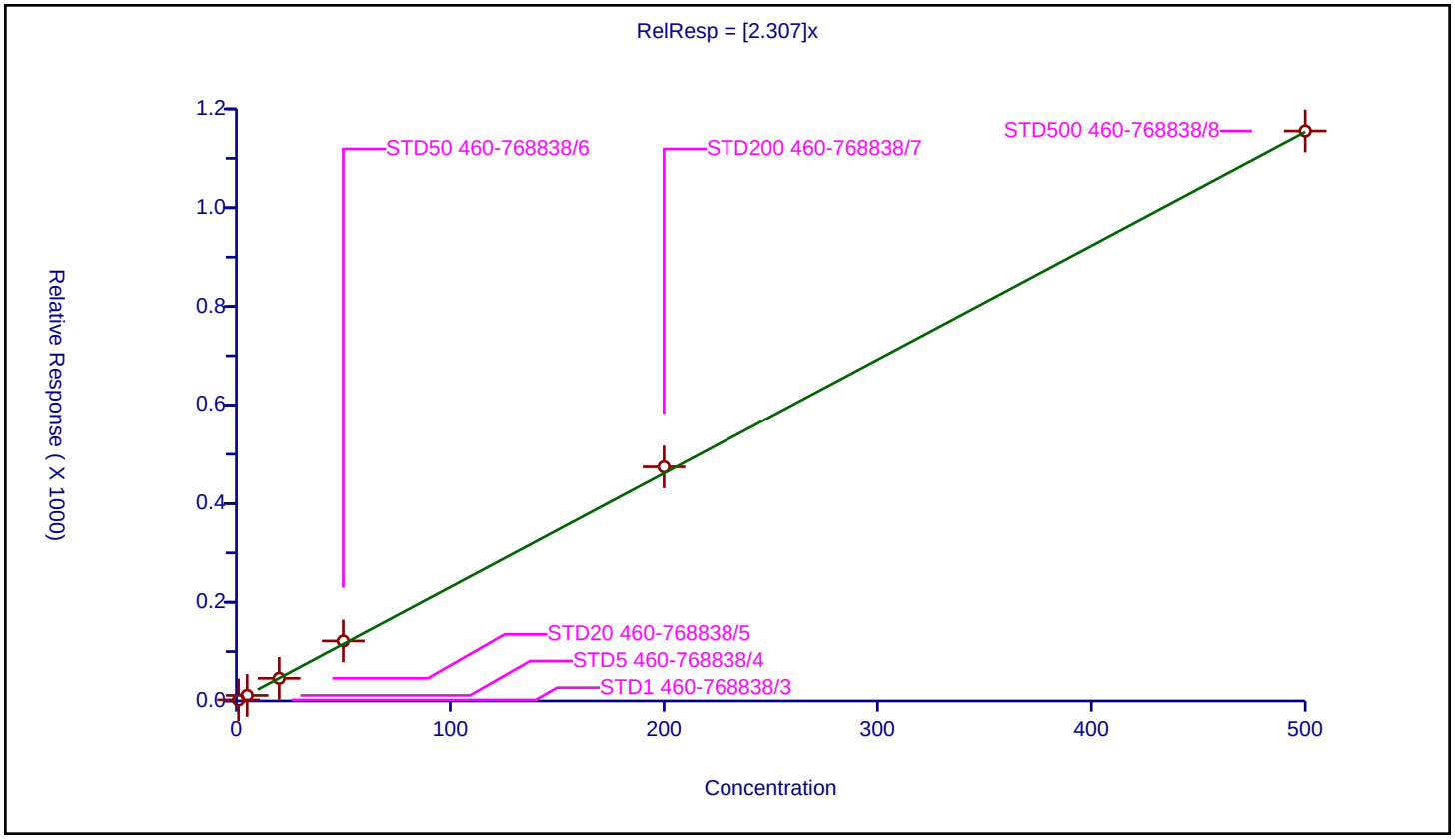
Curve Coefficients

Intercept:	0
Slope:	2.307

Error Coefficients

Standard Error:	5330000
Relative Standard Error:	3.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	2.181436	50.0	311515.0	2.181436	Y
2	STD5 460-768838/4	5.0	11.277682	50.0	330356.0	2.255536	Y
3	STD20 460-768838/5	20.0	45.816801	50.0	372502.0	2.29084	Y
4	STD50 460-768838/6	50.0	121.555877	50.0	386695.0	2.431118	Y
5	STD200 460-768838/7	200.0	474.464434	50.0	407933.0	2.372322	Y
6	STD500 460-768838/8	500.0	1155.348173	50.0	485549.0	2.310696	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

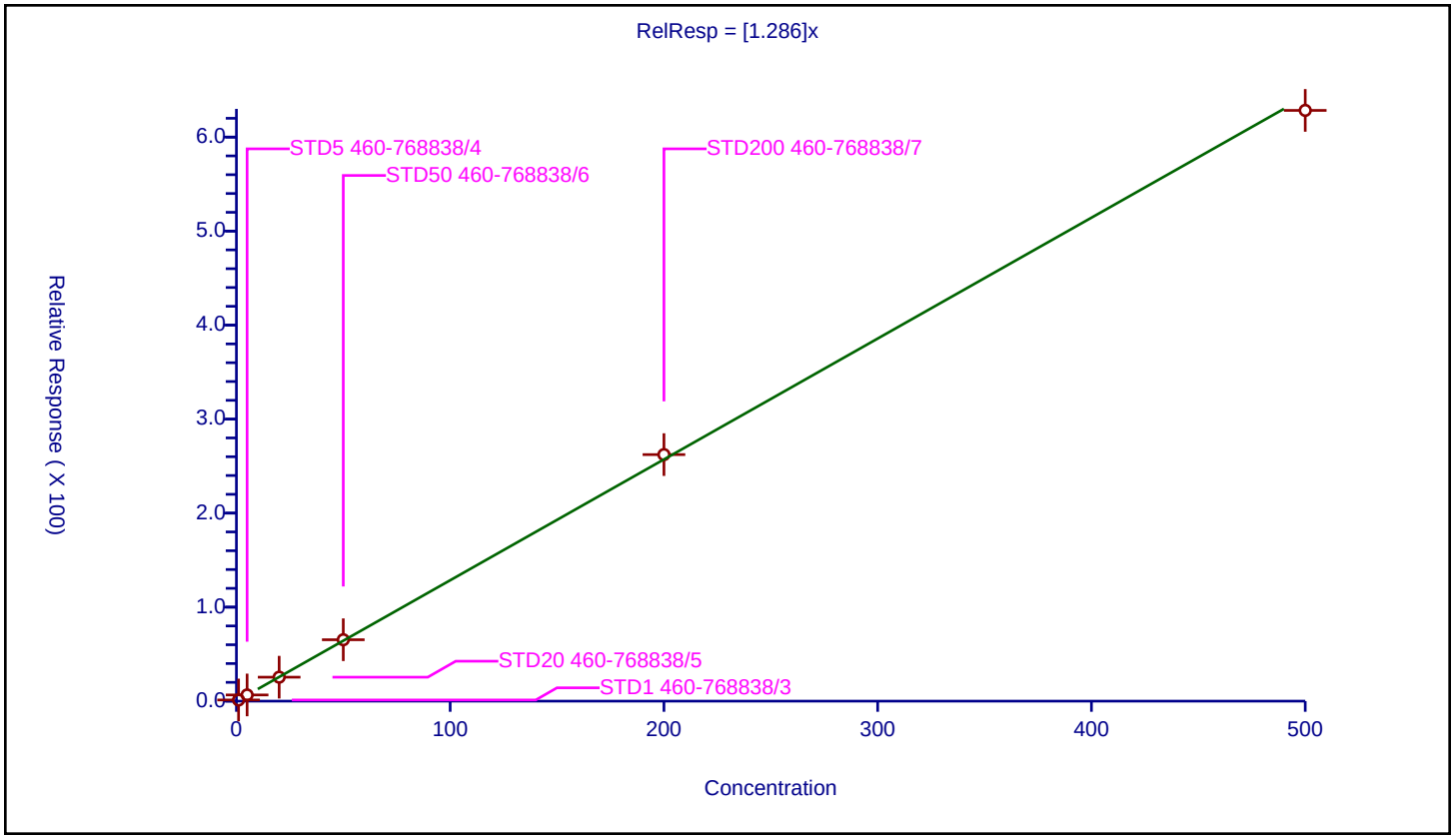
Curve Coefficients

Intercept:	0
Slope:	1.286

Error Coefficients

Standard Error:	2900000
Relative Standard Error:	2.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.246168	50.0	311515.0	1.246168	Y
2	STD5 460-768838/4	5.0	6.600001	50.0	330356.0	1.32	Y
3	STD20 460-768838/5	20.0	25.471407	50.0	372502.0	1.27357	Y
4	STD50 460-768838/6	50.0	65.311033	50.0	386695.0	1.306221	Y
5	STD200 460-768838/7	200.0	262.257895	50.0	407933.0	1.311289	Y
6	STD500 460-768838/8	500.0	628.392912	50.0	485549.0	1.256786	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

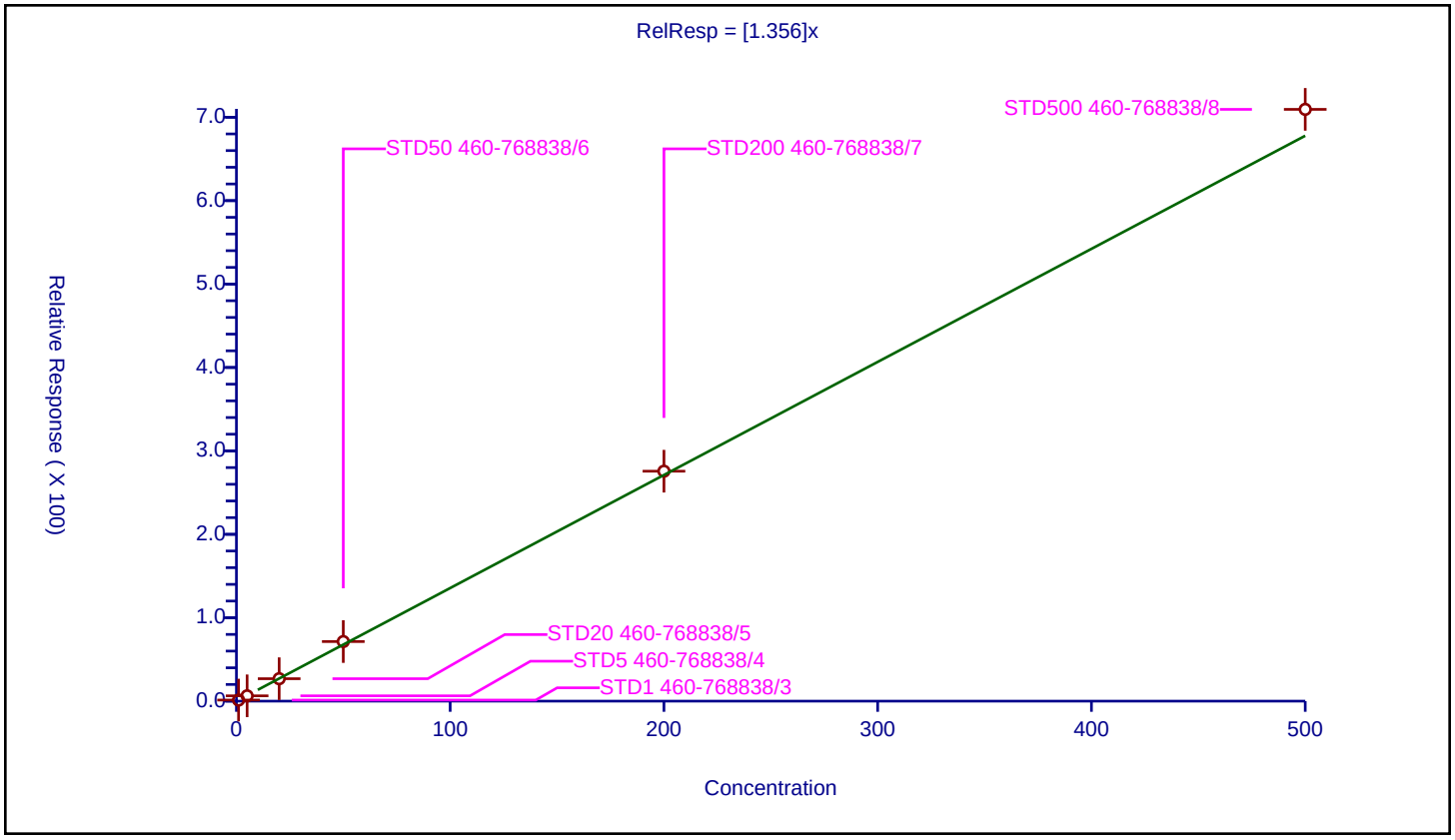
Curve Coefficients

Intercept:	0
Slope:	1.356

Error Coefficients

Standard Error:	3250000
Relative Standard Error:	4.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.290789	50.0	311515.0	1.290789	Y
2	STD5 460-768838/4	5.0	6.358746	50.0	330356.0	1.271749	Y
3	STD20 460-768838/5	20.0	26.898379	50.0	372502.0	1.344919	Y
4	STD50 460-768838/6	50.0	71.435369	50.0	386695.0	1.428707	Y
5	STD200 460-768838/7	200.0	275.660341	50.0	407933.0	1.378302	Y
6	STD500 460-768838/8	500.0	709.417999	50.0	485549.0	1.418836	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

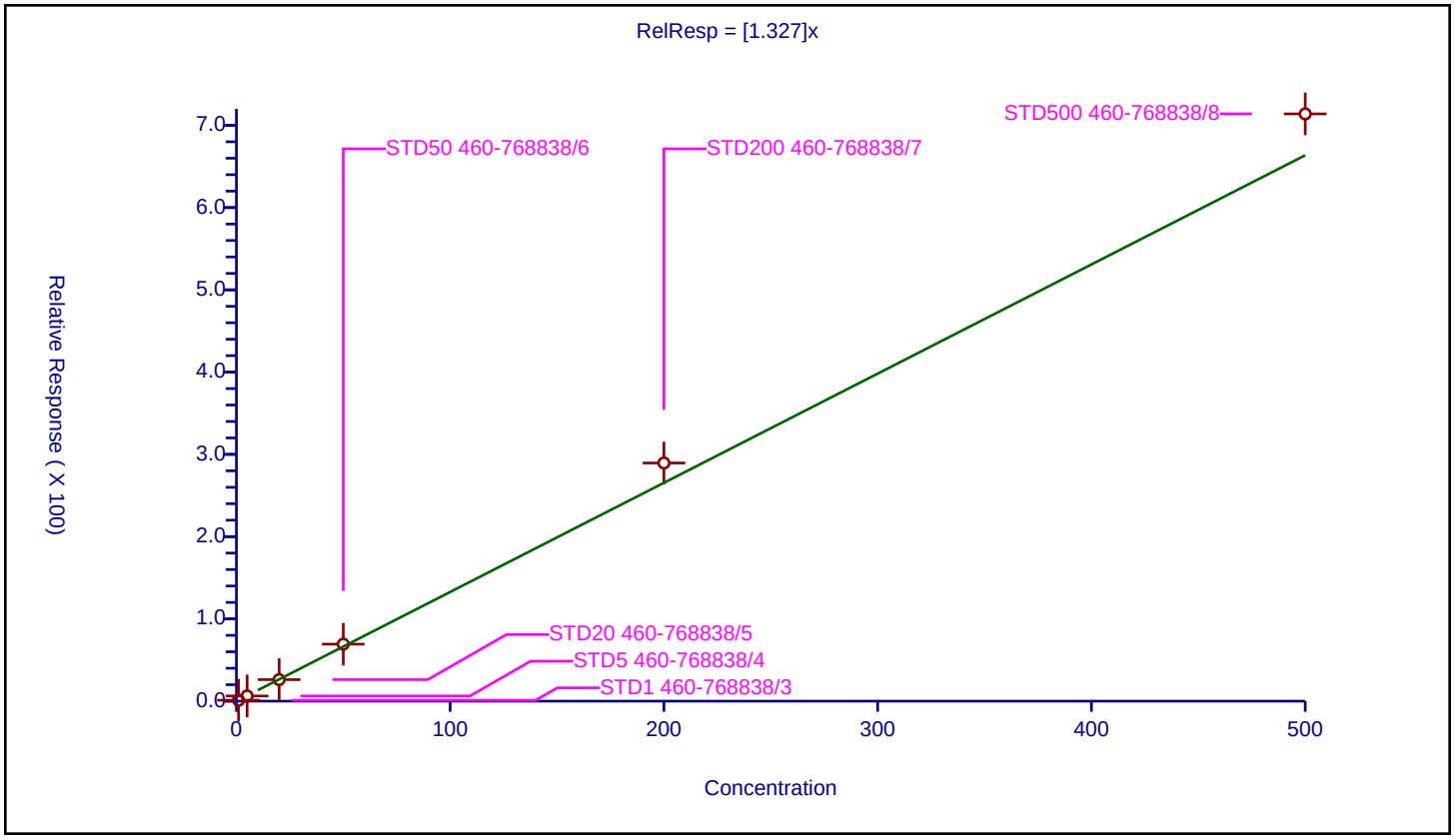
Curve Coefficients

Intercept:	0
Slope:	1.327

Error Coefficients

Standard Error:	3290000
Relative Standard Error:	8.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.137024	50.0	311515.0	1.137024	Y
2	STD5 460-768838/4	5.0	6.290487	50.0	330356.0	1.258097	Y
3	STD20 460-768838/5	20.0	26.135564	50.0	372502.0	1.306778	Y
4	STD50 460-768838/6	50.0	69.286259	50.0	386695.0	1.385725	Y
5	STD200 460-768838/7	200.0	289.526466	50.0	407933.0	1.447632	Y
6	STD500 460-768838/8	500.0	713.904879	50.0	485549.0	1.42781	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

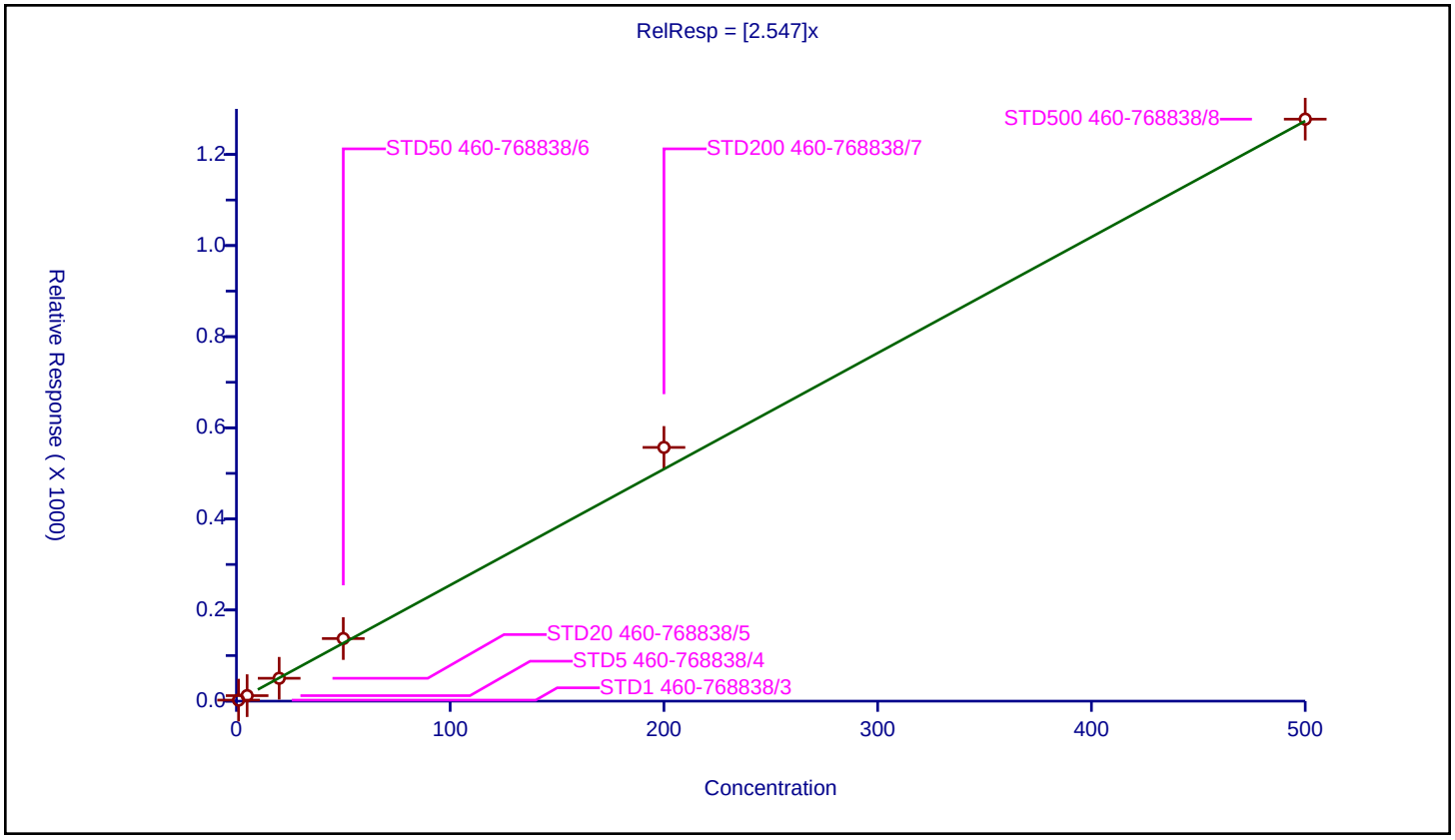
Curve Coefficients

Intercept:	0
Slope:	2.547

Error Coefficients

Standard Error:	5930000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	2.26522	50.0	311515.0	2.26522	Y
2	STD5 460-768838/4	5.0	12.091047	50.0	330356.0	2.418209	Y
3	STD20 460-768838/5	20.0	50.208053	50.0	372502.0	2.510403	Y
4	STD50 460-768838/6	50.0	137.384502	50.0	386695.0	2.74769	Y
5	STD200 460-768838/7	200.0	556.927118	50.0	407933.0	2.784636	Y
6	STD500 460-768838/8	500.0	1277.492385	50.0	485549.0	2.554985	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

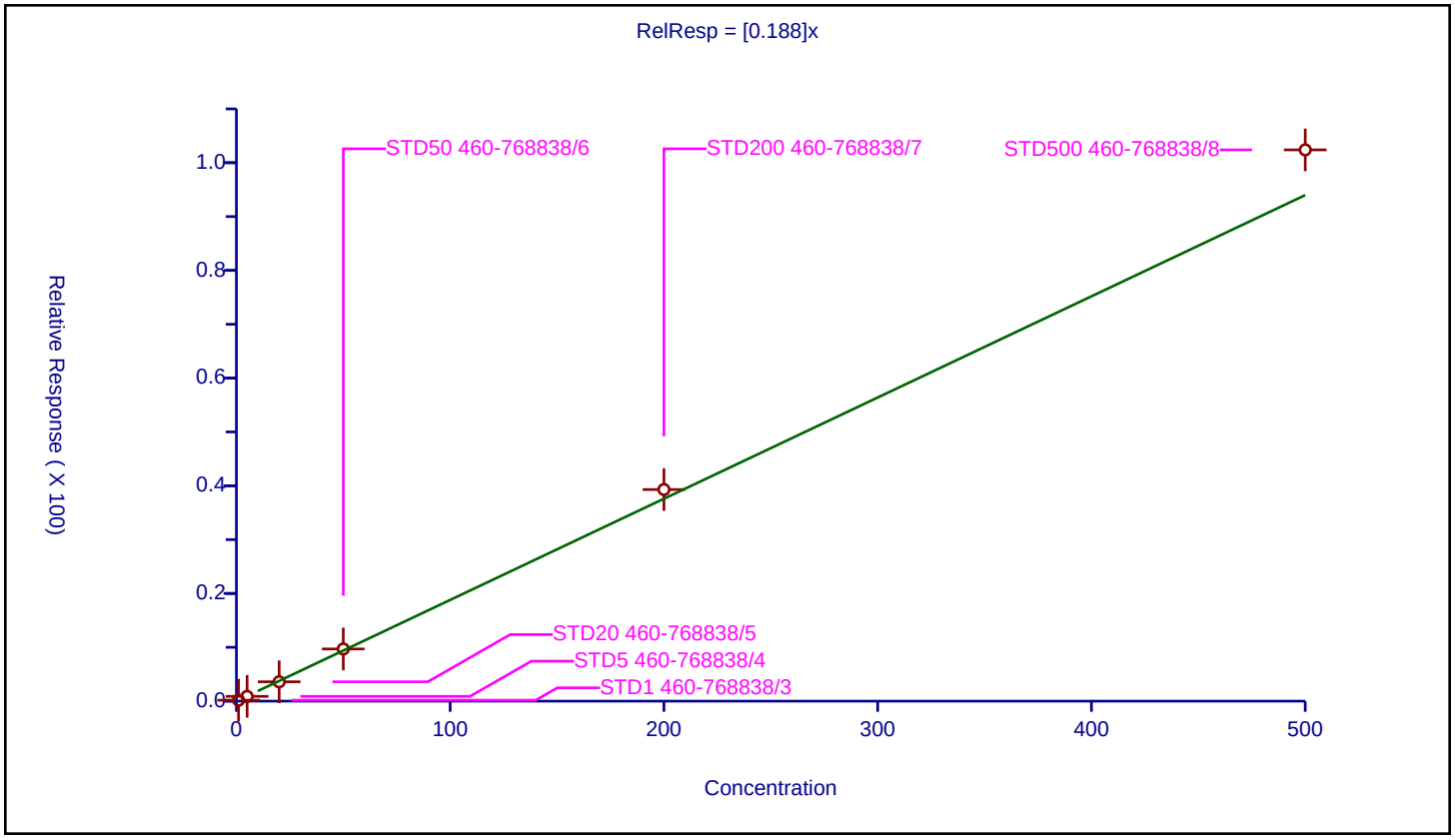
Curve Coefficients

Intercept:	0
Slope:	0.188

Error Coefficients

Standard Error:	469000
Relative Standard Error:	6.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.175754	50.0	311515.0	0.175754	Y
2	STD5 460-768838/4	5.0	0.886468	50.0	330356.0	0.177294	Y
3	STD20 460-768838/5	20.0	3.593538	50.0	372502.0	0.179677	Y
4	STD50 460-768838/6	50.0	9.689549	50.0	386695.0	0.193791	Y
5	STD200 460-768838/7	200.0	39.301797	50.0	407933.0	0.196509	Y
6	STD500 460-768838/8	500.0	102.387813	50.0	485549.0	0.204776	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

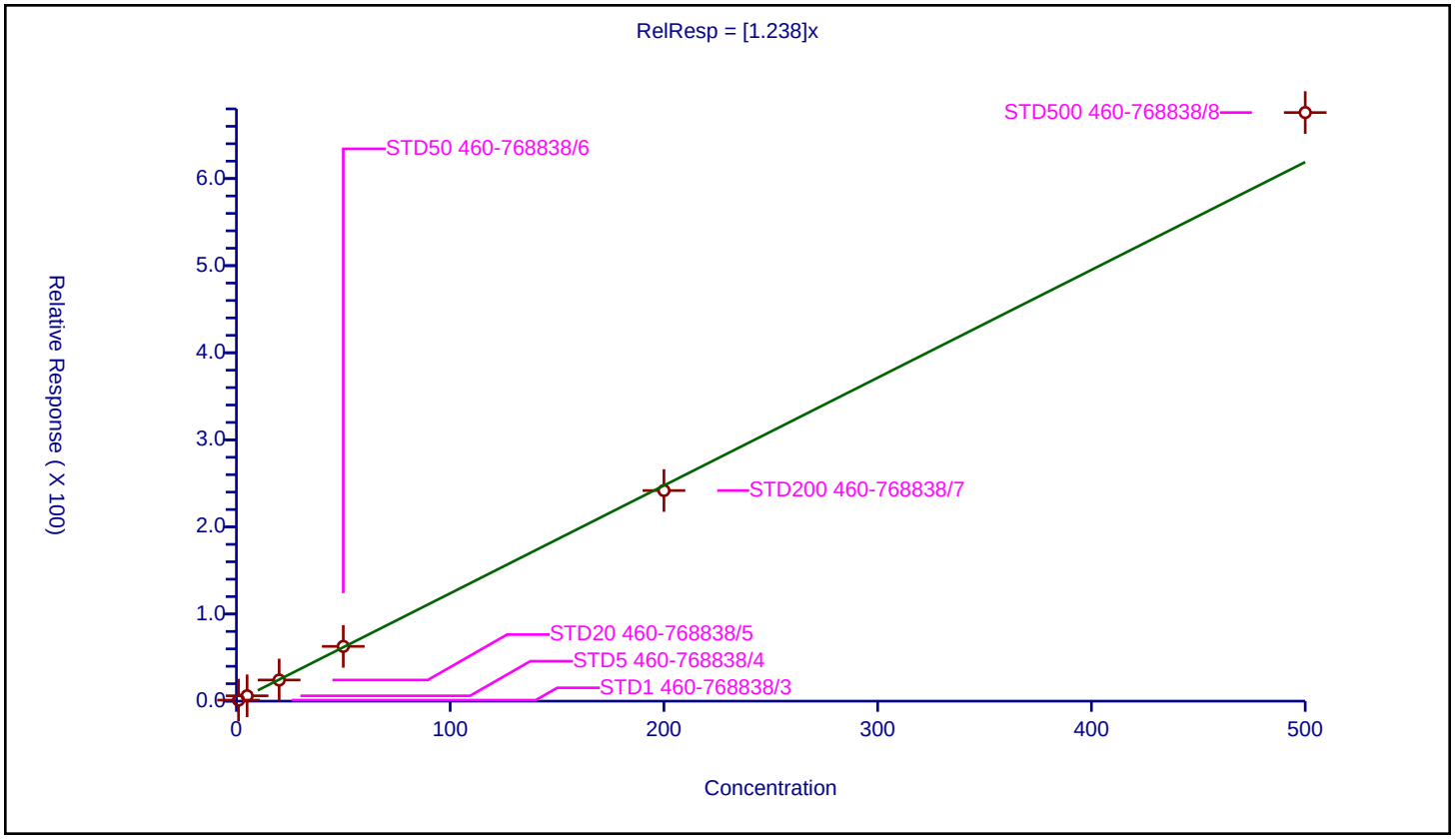
Curve Coefficients

Intercept:	0
Slope:	1.238

Error Coefficients

Standard Error:	3070000
Relative Standard Error:	5.0
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.170249	50.0	311515.0	1.170249	Y
2	STD5 460-768838/4	5.0	6.133837	50.0	330356.0	1.226767	Y
3	STD20 460-768838/5	20.0	24.25195	50.0	372502.0	1.212598	Y
4	STD50 460-768838/6	50.0	62.847981	50.0	386695.0	1.25696	Y
5	STD200 460-768838/7	200.0	241.80662	50.0	407933.0	1.209033	Y
6	STD500 460-768838/8	500.0	675.783392	50.0	485549.0	1.351567	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

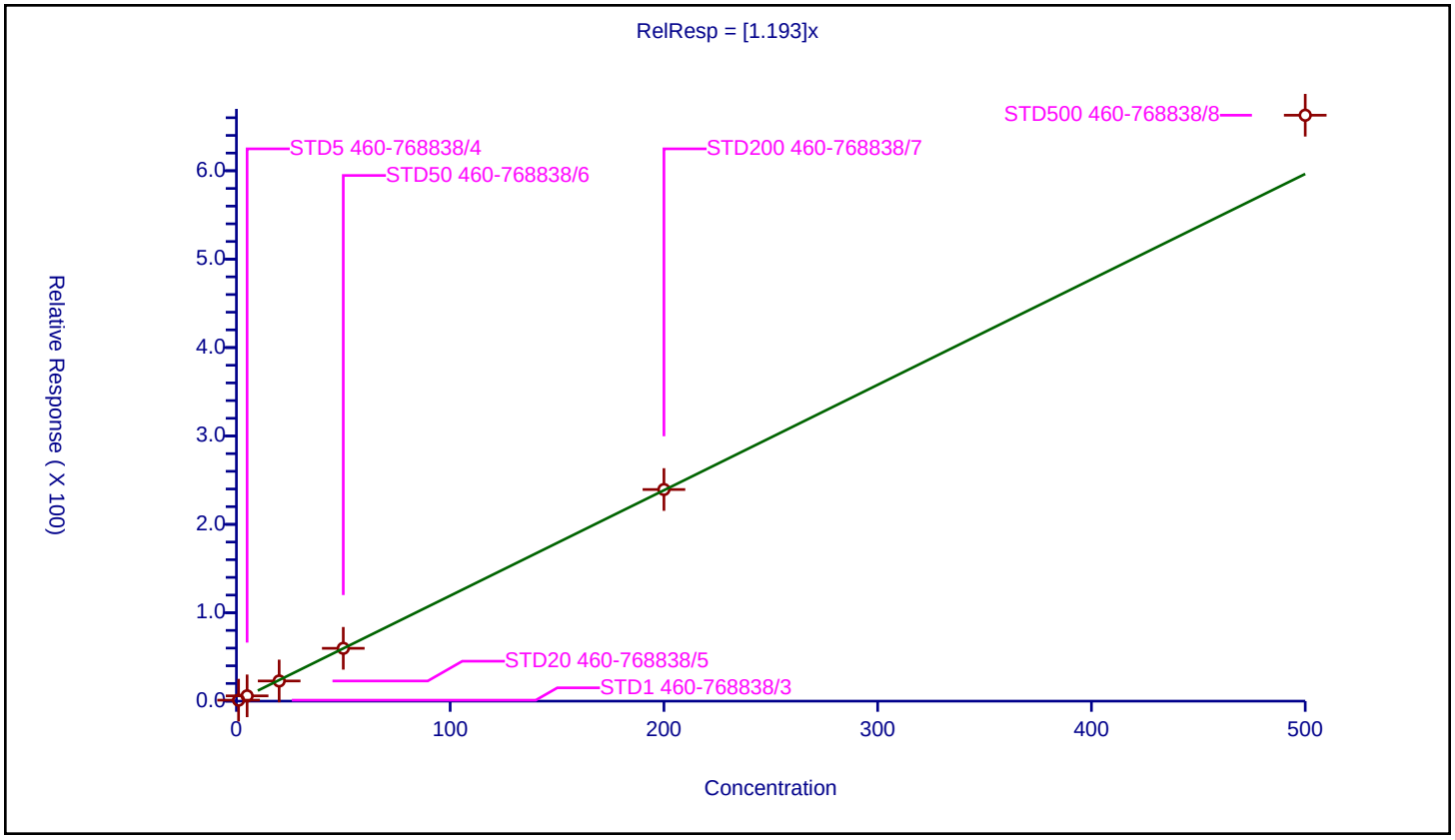
Curve Coefficients

Intercept:	0
Slope:	1.193

Error Coefficients

Standard Error:	3020000
Relative Standard Error:	6.3
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.103799	50.0	311515.0	1.103799	Y
2	STD5 460-768838/4	5.0	5.966745	50.0	330356.0	1.193349	Y
3	STD20 460-768838/5	20.0	22.836387	50.0	372502.0	1.141819	Y
4	STD50 460-768838/6	50.0	59.770491	50.0	386695.0	1.19541	Y
5	STD200 460-768838/7	200.0	239.416644	50.0	407933.0	1.197083	Y
6	STD500 460-768838/8	500.0	662.822393	50.0	485549.0	1.325645	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

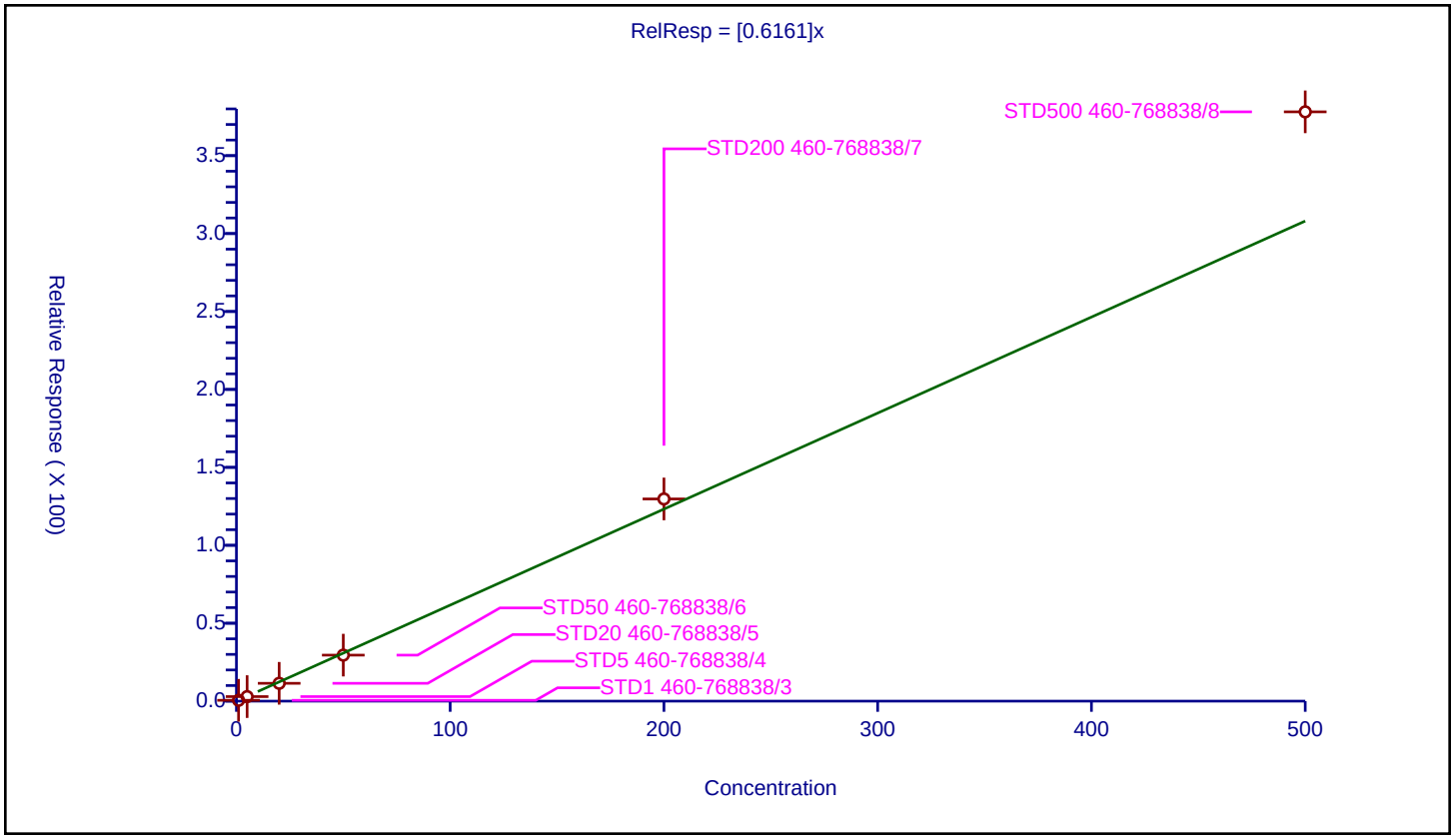
Curve Coefficients

Intercept:	0
Slope:	0.6161

Error Coefficients

Standard Error:	1710000
Relative Standard Error:	12.4
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	0.546683	50.0	311515.0	0.546683	Y
2	STD5 460-768838/4	5.0	2.911405	50.0	330356.0	0.582281	Y
3	STD20 460-768838/5	20.0	11.445308	50.0	372502.0	0.572265	Y
4	STD50 460-768838/6	50.0	29.517966	50.0	386695.0	0.590359	Y
5	STD200 460-768838/7	200.0	129.733314	50.0	407933.0	0.648667	Y
6	STD500 460-768838/8	500.0	378.10602	50.0	485549.0	0.756212	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

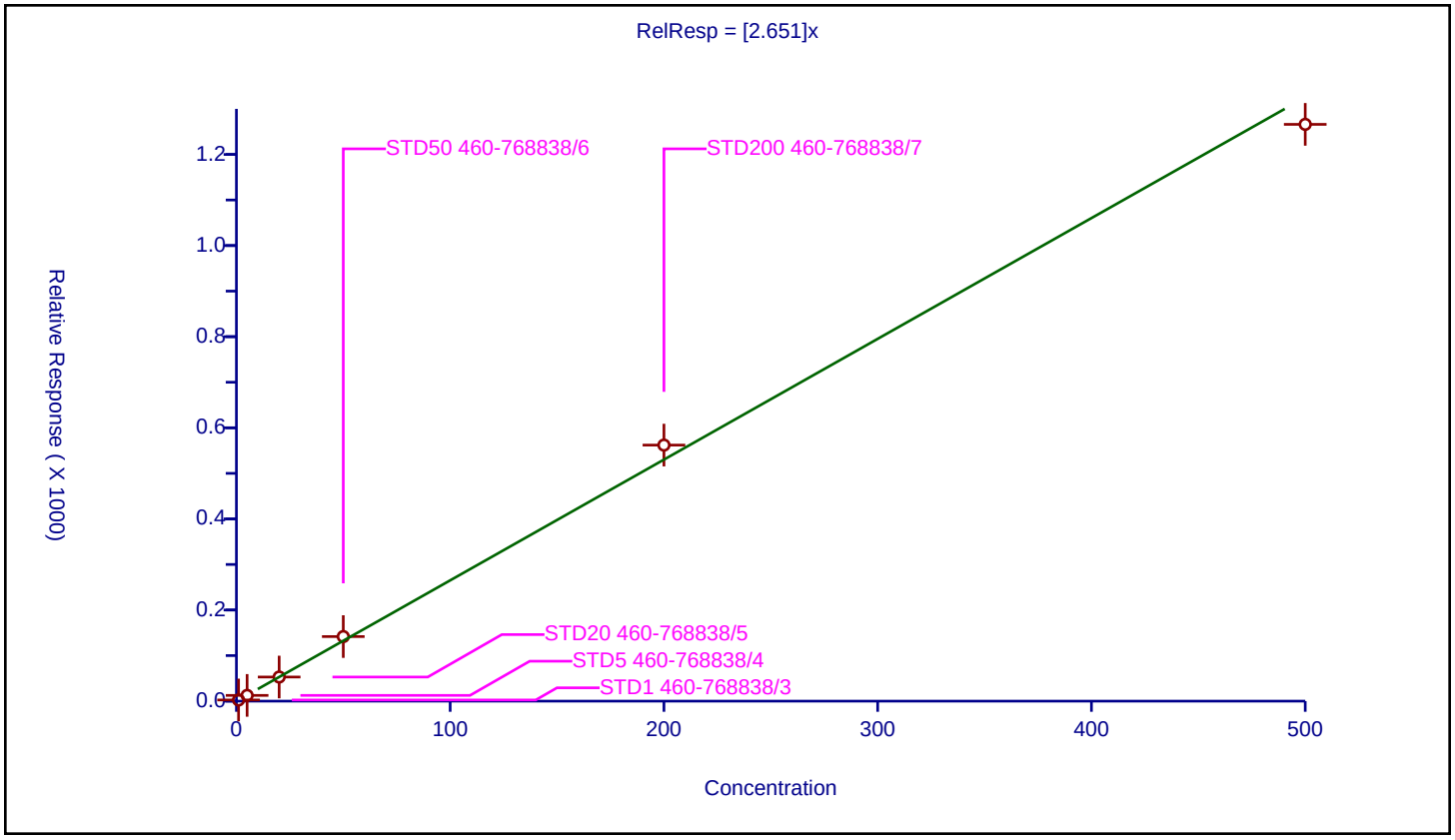
Curve Coefficients

Intercept:	0
Slope:	2.651

Error Coefficients

Standard Error:	5890000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	2.559427	50.0	311515.0	2.559427	Y
2	STD5 460-768838/4	5.0	12.60519	50.0	330356.0	2.521038	Y
3	STD20 460-768838/5	20.0	52.948306	50.0	372502.0	2.647415	Y
4	STD50 460-768838/6	50.0	141.721641	50.0	386695.0	2.834433	Y
5	STD200 460-768838/7	200.0	562.033103	50.0	407933.0	2.810166	Y
6	STD500 460-768838/8	500.0	1266.058112	50.0	485549.0	2.532116	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

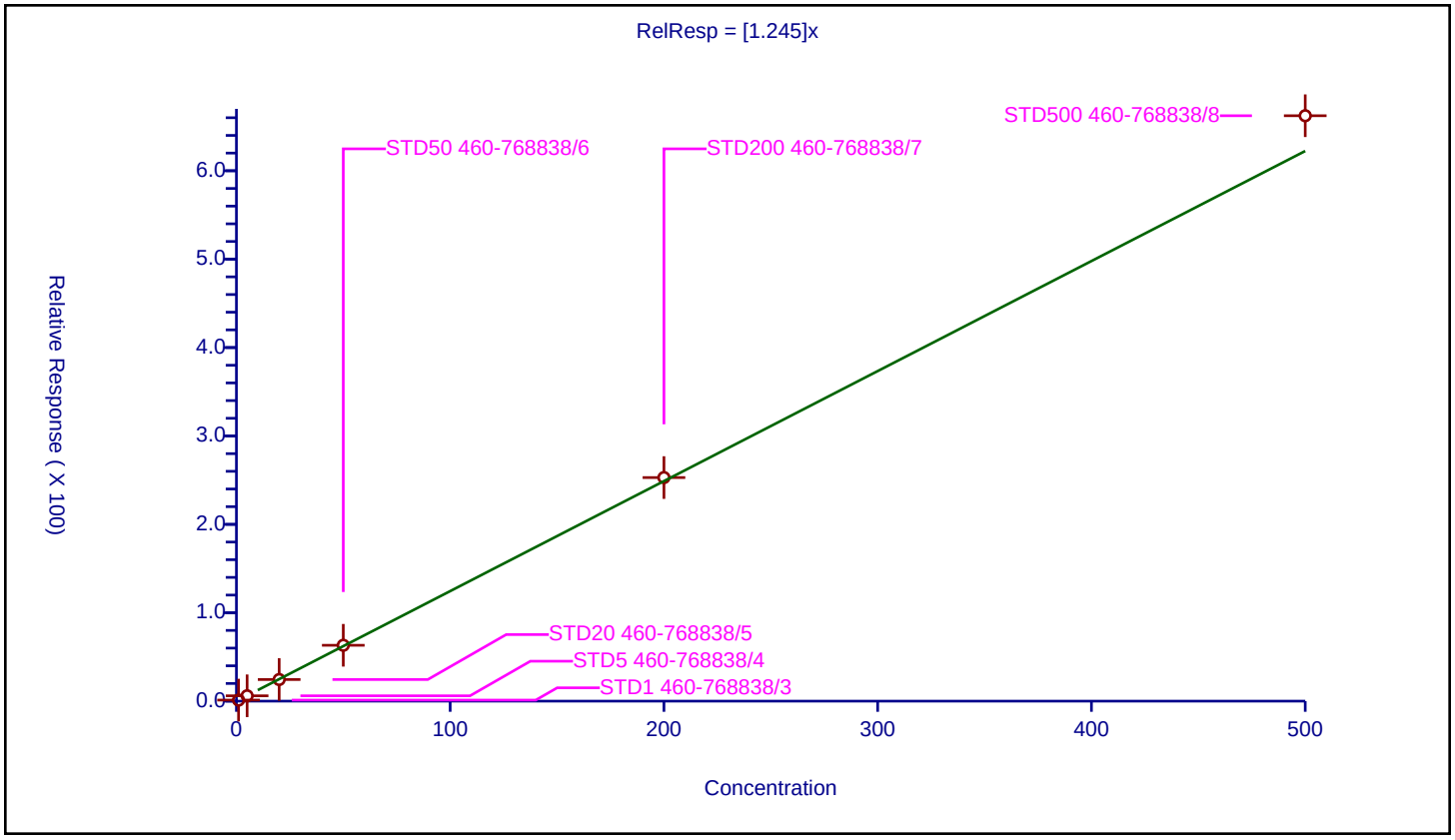
Curve Coefficients

Intercept:	0
Slope:	1.245

Error Coefficients

Standard Error:	3030000
Relative Standard Error:	4.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-768838/3	1.0	1.181003	50.0	311515.0	1.181003	Y
2	STD5 460-768838/4	5.0	6.054378	50.0	330356.0	1.210876	Y
3	STD20 460-768838/5	20.0	24.459332	50.0	372502.0	1.222967	Y
4	STD50 460-768838/6	50.0	63.199033	50.0	386695.0	1.263981	Y
5	STD200 460-768838/7	200.0	252.924255	50.0	407933.0	1.264621	Y
6	STD500 460-768838/8	500.0	662.248712	50.0	485549.0	1.324497	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-763993/16 Calibration Date: 03/11/2021 15:01

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B69805.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodifluoromethane	Qua2		0.0728		18.9	20.0	-5.4	30.0
Dichlorodifluoromethane	Ave	0.6066	0.5550	0.1000	18.3	20.0	-8.5	30.0
Chloromethane	Ave	0.5769	0.5529	0.1000	19.2	20.0	-4.2	30.0
Butadiene	Ave	0.3817	0.3650		19.1	20.0	-4.4	30.0
Vinyl chloride	Ave	0.4156	0.4237	0.1000	20.4	20.0	1.9	30.0
Bromomethane	Ave	0.3172	0.3239	0.1000	20.4	20.0	2.1	30.0
Chloroethane	Ave	0.2347	0.2379	0.1000	20.3	20.0	1.4	30.0
Dichlorofluoromethane	Ave	0.6039	0.5996		19.9	20.0	-0.7	30.0
Pentane	Ave	0.0492	0.0570		46.3	40.0	15.8	30.0
Trichlorofluoromethane	Ave	0.5746	0.5703	0.1000	19.9	20.0	-0.7	30.0
Ethanol	QuaF		0.0285		992	800	24.0	30.0
Ethyl ether	Ave	0.2076	0.1964		18.9	20.0	-5.4	30.0
2-Methyl-1,3-butadiene	Ave	0.2769	0.2853		20.6	20.0	3.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3128	0.3234		20.7	20.0	3.4	30.0
Acrolein	Ave	1.301	0.7085		164	300	-45.5*	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4762	0.5040		21.2	20.0	5.8	30.0
1,1-Dichloroethene	Ave	0.2982	0.3064	0.1000	20.6	20.0	2.8	30.0
Acetone	Ave	0.7710	0.7783	0.0500	101	100	0.9	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3436	0.3630	0.1000	21.1	20.0	5.7	30.0
Iodomethane	Ave	0.6215	0.6240		20.1	20.0	0.4	30.0
Carbon disulfide	Ave	1.071	1.041	0.1000	19.5	20.0	-2.7	30.0
Isopropyl alcohol	Ave	0.6669	0.6072		182	200	-9.0	30.0
3-Chloro-1-propene	Ave	0.3733	0.3734		20.0	20.0	0.0	30.0
Methyl acetate	Ave	0.1904	0.1738	0.1000	36.5	40.0	-8.7	30.0
Acetonitrile	Ave	0.8764	0.8787		201	200	0.3	30.0
Methylene Chloride	Ave	0.3243	0.3060	0.1000	18.9	20.0	-5.6	30.0
2-Methyl-2-propanol	Ave	1.236	1.128		182	200	-8.8	30.0
Acrylonitrile	Ave	4.351	4.288		197	200	-1.4	30.0
trans-1,2-Dichloroethene	Ave	0.3308	0.3536	0.1000	21.4	20.0	6.9	30.0
Methyl tert-butyl ether	Ave	0.8568	0.7798	0.1000	18.2	20.0	-9.0	30.0
Hexane	Ave	0.4697	0.5338		22.7	20.0	13.7	30.0
1,1-Dichloroethane	Ave	0.5777	0.5625	0.2000	19.5	20.0	-2.6	30.0
2-Chloro-1,3-butadiene	Ave	0.2843	0.3029		21.3	20.0	6.5	30.0
Vinyl acetate	Ave	0.4697	0.3923		33.4	40.0	-16.5	30.0
Isopropyl ether	Ave	0.9850	0.9206		18.7	20.0	-6.5	30.0
Tert-butyl ethyl ether	Ave	0.3531	0.3301		18.7	20.0	-6.5	30.0
cis-1,2-Dichloroethene	Ave	0.3454	0.3452	0.1000	20.0	20.0	-0.0	30.0
2,2-Dichloropropane	Ave	0.1571	0.1628		20.7	20.0	3.6	30.0
2-Butanone (MEK)	Ave	0.3503	0.2959	0.0500	84.5	100	-15.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-763993/16 Calibration Date: 03/11/2021 15:01

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B69805.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	0.3324	0.3345		201	200	0.6	30.0
Ethyl acetate	Ave	0.2368	0.2623		44.3	40.0	10.8	30.0
Methyl acrylate	Ave	0.2857	0.2741		19.2	20.0	-4.0	30.0
Chlorobromomethane	Ave	0.1789	0.1568		17.5	20.0	-12.4	30.0
Methacrylonitrile	Ave	0.1017	0.0986		194	200	-3.0	30.0
Tetrahydrofuran	QuaF		0.3999		41.4	40.0	3.5	30.0
Chloroform	Ave	0.5627	0.5265	0.2000	18.7	20.0	-6.4	30.0
1,1,1-Trichloroethane	Ave	0.5196	0.5052	0.1000	19.4	20.0	-2.8	30.0
Cyclohexane	Ave	0.5054	0.5259	0.1000	20.8	20.0	4.1	30.0
1,1-Dichloropropene	Ave	0.4322	0.4164		19.3	20.0	-3.7	30.0
Carbon tetrachloride	Ave	0.4605	0.4446	0.1000	19.3	20.0	-3.5	30.0
Benzene	Ave	1.547	1.512	0.5000	19.5	20.0	-2.3	30.0
1,2-Dichloroethane	Ave	0.3931	0.3422	0.1000	17.4	20.0	-13.0	30.0
Isobutyl alcohol	Ave	0.2535	0.1981		391	500	-21.9	30.0
Tert-amyl methyl ether	Ave	0.9411	0.8217		17.5	20.0	-12.7	30.0
Isopropyl acetate	Ave	1.191	1.191		20.0	20.0	0.0	30.0
n-Heptane	Ave	0.5703	0.6095		21.4	20.0	6.9	30.0
Trichloroethene	Ave	0.3237	0.3245	0.2000	20.1	20.0	0.3	30.0
n-Butanol	QuaF		0.0611		390	500	-22.1	30.0
Methylcyclohexane	Ave	0.5887	0.6360	0.1000	21.6	20.0	8.0	30.0
Ethyl acrylate	Ave	0.7676	0.7906		20.6	20.0	3.0	30.0
1,2-Dichloropropane	Ave	0.3142	0.3057	0.1000	19.5	20.0	-2.7	30.0
Dibromomethane	Ave	0.1834	0.1640		17.9	20.0	-10.6	30.0
1,4-Dioxane	Ave	1.164	1.115		383	400	-4.2	30.0
Methyl methacrylate	Ave	0.0641	0.0638		39.8	40.0	-0.4	30.0
Dichlorobromomethane	Ave	0.4013	0.3536	0.2000	17.6	20.0	-11.9	30.0
n-Propyl acetate	Ave	0.3538	0.3098		17.5	20.0	-12.4	30.0
2-Nitropropane	Ave	0.0583	0.0531		36.5	40.0	-8.8	30.0
2-Chloroethyl vinyl ether	QuaF		0.0102		8.95	20.0	-55.3*	30.0
Epichlorohydrin	QuaF		0.1660		22.6	20.0	13.2	30.0
cis-1,3-Dichloropropene	Ave	0.5638	0.5156	0.2000	18.3	20.0	-8.6	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.884	2.669	0.0500	92.6	100	-7.4	30.0
Toluene	Ave	1.666	1.644	0.4000	19.7	20.0	-1.4	30.0
trans-1,3-Dichloropropene	Ave	0.4938	0.3941	0.1000	16.0	20.0	-20.2	30.0
1,1,2-Trichloroethane	Ave	0.2641	0.2367	0.1000	17.9	20.0	-10.4	30.0
Ethyl methacrylate	Ave	0.3161	0.2724		17.2	20.0	-13.8	30.0
Tetrachloroethene	Ave	0.4757	0.4739	0.2000	19.9	20.0	-0.4	30.0
1,3-Dichloropropane	Ave	0.5319	0.4761		17.9	20.0	-10.5	30.0
2-Hexanone	Ave	1.886	1.943	0.0500	103	100	3.0	30.0
Chlorodibromomethane	Ave	0.3701	0.3379	0.1000	18.3	20.0	-8.7	30.0
Ethylene Dibromide	Ave	0.3186	0.2796	0.1000	17.6	20.0	-12.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-763993/16 Calibration Date: 03/11/2021 15:01

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B69805.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.0793	0.0694		17.5	20.0	-12.4	30.0
Chlorobenzene	Ave	1.075	1.061	0.5000	19.7	20.0	-1.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4078	0.3657		17.9	20.0	-10.3	30.0
Ethylbenzene	Ave	0.5888	0.5891	0.1000	20.0	20.0	0.0	30.0
m-Xylene & p-Xylene	Ave	0.7041	0.7212	0.1000	20.5	20.0	2.4	30.0
o-Xylene	Ave	0.7022	0.6968	0.3000	19.8	20.0	-0.8	30.0
Styrene	Ave	1.164	1.073	0.3000	18.4	20.0	-7.8	30.0
n-Butyl acrylate	Ave	0.2251	0.1912		17.0	20.0	-15.0	30.0
Bromoform	Ave	0.2689	0.2234	0.1000	16.6	20.0	-16.9	30.0
Amyl acetate (mixed isomers)	Ave	0.9001	0.8085		18.0	20.0	-10.2	30.0
Isopropylbenzene	Ave	1.909	1.992	0.1000	20.9	20.0	4.3	30.0
Bromobenzene	Ave	0.8263	0.8130		19.7	20.0	-1.6	30.0
1,2,3-Trichloropropane	Ave	0.2163	0.1998		18.5	20.0	-7.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7344	0.6535	0.3000	17.8	20.0	-11.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1757	0.1481		16.9	20.0	-15.7	30.0
N-Propylbenzene	Ave	0.9053	0.9399		20.8	20.0	3.8	30.0
2-Chlorotoluene	Ave	0.7996	0.8107		20.3	20.0	1.4	30.0
4-Ethyltoluene	Ave	3.103	3.371		21.7	20.0	8.6	30.0
4-Chlorotoluene	Ave	2.673	2.796		20.9	20.0	4.6	30.0
1,3,5-Trimethylbenzene	Ave	2.704	2.851		21.1	20.0	5.5	30.0
Butyl Methacrylate	QuaF		0.6160		15.3	20.0	-23.3	30.0
tert-Butylbenzene	Ave	2.184	2.365		21.7	20.0	8.3	30.0
1,2,4-Trimethylbenzene	Ave	2.762	2.902		21.0	20.0	5.1	30.0
sec-Butylbenzene	Ave	3.550	3.954		22.3	20.0	11.4	30.0
1,3-Dichlorobenzene	Ave	1.657	1.613	0.6000	19.5	20.0	-2.7	30.0
1,4-Dichlorobenzene	Ave	1.679	1.646	0.5000	19.6	20.0	-2.0	30.0
4-Isopropyltoluene	Ave	3.105	3.349		21.6	20.0	7.9	30.0
1,2,3-Trimethylbenzene	Ave	2.830	2.912		20.6	20.0	2.9	30.0
Benzyl chloride	QuaF		0.1151		10.5	20.0	-47.6*	30.0
Indan	Ave	1.310	1.327		20.3	20.0	1.3	30.0
1,2-Dichlorobenzene	Ave	1.609	1.548	0.4000	19.2	20.0	-3.8	30.0
p-Diethylbenzene	Ave	1.667	2.176		26.1	20.0	30.6*	30.0
n-Butylbenzene	Ave	1.761	1.971		22.4	20.0	11.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1587	0.1429	0.0500	18.0	20.0	-9.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.885	3.450		23.9	20.0	19.6	30.0
1,3,5-Trichlorobenzene	Ave	1.443	1.482		20.5	20.0	2.7	30.0
1,2,4-Trichlorobenzene	Ave	1.315	1.287	0.2000	19.6	20.0	-2.1	30.0
Hexachlorobutadiene	Ave	0.7417	0.8181		22.1	20.0	10.3	30.0
Naphthalene	Ave	2.608	2.662		20.4	20.0	2.1	30.0
1,2,3-Trichlorobenzene	Ave	1.261	1.259		20.0	20.0	-0.2	30.0
Dibromofluoromethane (Surr)	Ave	0.2844	0.2652		46.6	50.0	-6.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-763993/16 Calibration Date: 03/11/2021 15:01

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B69805.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.2933	0.2669		45.5	50.0	-9.0	30.0
Toluene-d8 (Surr)	Ave	1.328	1.304		49.1	50.0	-1.9	30.0
4-Bromofluorobenzene	Ave	0.7776	0.7794		50.1	50.0	0.2	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 11-Mar-2021 15:01:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0125263-016
Operator ID: Instrument ID: CVOAMS2
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:03:55 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 12-Mar-2021 10:33:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.697	0.685	0.012	92	160813	NC	NC	
4 Chlorodifluoromethane	67	0.709	0.691	0.018	95	17144	20.0	18.9	
3 Dichlorodifluoromethane	85	0.709	0.697	0.012	68	130781	20.0	18.3	
5 Chloromethane	50	0.794	0.776	0.018	98	130284	20.0	19.2	
6 Butadiene	54	0.813	0.801	0.012	97	86007	20.0	19.1	
7 Vinyl chloride	62	0.831	0.825	0.006	97	99838	20.0	20.4	
8 Bromomethane	94	0.971	0.953	0.018	99	76322	20.0	20.4	
9 Chloroethane	64	0.983	0.971	0.012	100	56067	20.0	20.3	
10 Dichlorofluoromethane	67	1.087	1.075	0.012	99	141296	20.0	19.9	
12 Pentane	72	1.105	1.099	0.006	96	26844	40.0	46.3	
11 Trichlorofluoromethane	101	1.124	1.112	0.012	96	134399	20.0	19.9	
14 Ethanol	46	1.191	1.191	0.000	64	5583	800.0	991.6	M
13 Ethyl ether	59	1.209	1.191	0.018	93	46281	20.0	18.9	
15 2-Methyl-1,3-butadiene	53	1.221	1.209	0.012	92	67238	20.0	20.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.252	1.240	0.012	80	76209	20.0	20.7	M
18 Acrolein	56	1.270	1.264	0.006	64	52073	300.4	163.6	M
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.282	1.276	0.006	91	118763	20.0	21.2	a
19 1,1-Dichloroethene	96	1.331	1.319	0.012	97	72209	20.0	20.6	
21 Acetone	43	1.355	1.343	0.012	63	79983	100.0	100.9	
20 112TCTFE	101	1.374	1.355	0.019	93	85551	20.0	21.1	a
22 Iodomethane	142	1.410	1.392	0.018	96	147041	20.0	20.1	
23 Carbon disulfide	76	1.441	1.422	0.019	99	245396	20.0	19.5	
24 Isopropyl alcohol	45	1.453	1.441	0.012	25	29712	200.0	182.1	a
25 3-Chloro-1-propene	39	1.520	1.508	0.012	91	88001	20.0	20.0	
26 Methyl acetate	43	1.538	1.532	0.006	97	81927	40.0	36.5	
27 Acetonitrile	39	1.569	1.550	0.019	22	42998	200.0	200.5	a
28 Methylene Chloride	84	1.599	1.587	0.012	90	72103	20.0	18.9	
* 29 TBA-d9 (IS)	65	1.654	1.642	0.012	0	244679	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.684	1.697	-0.013	33	55198	200.0	182.5	a
31 Acrylonitrile	53	1.745	1.733	0.012	95	209844	200.0	197.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.758	1.746	0.012	95	83337	20.0	21.4	
33 Methyl tert-butyl ether	73	1.782	1.776	0.006	97	183770	20.0	18.2	
34 Hexane	57	1.940	1.928	0.012	93	125792	20.0	22.7	
35 1,1-Dichloroethane	63	2.032	2.020	0.012	99	132557	20.0	19.5	
36 Vinyl acetate	86	2.093	2.087	0.006	100	16125	40.0	33.4	M
37 2-Chloro-1,3-butadiene	88	2.093	2.087	0.006	83	71370	20.0	21.3	
38 Isopropyl ether	45	2.111	2.099	0.012	98	216932	20.0	18.7	
39 Tert-butyl ethyl ether	87	2.392	2.373	0.019	89	77796	20.0	18.7	
* 40 2-Butanone-d5	46	2.446	2.428	0.018	0	256927	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.465	2.453	0.012	97	81346	20.0	20.0	
42 2,2-Dichloropropane	79	2.477	2.471	0.006	89	38365	20.0	20.7	a
43 2-Butanone (MEK)	72	2.489	2.471	0.018	98	30414	100.0	84.5	
44 Propionitrile	54	2.538	2.532	0.006	95	68752	200.0	201.3	
45 Ethyl acetate	70	2.575	2.556	0.018	99	10783	40.0	44.3	M
62 Methyl acrylate	55	2.587	2.569	0.018	98	64597	20.0	19.2	
46 Chlorobromomethane	128	2.654	2.648	0.006	90	36943	20.0	17.5	
47 Methacrylonitrile	67	2.660	2.654	0.006	93	232452	200.0	194.0	
48 Tetrahydrofuran	72	2.703	2.697	0.006	91	16441	40.0	41.4	
49 Chloroform	83	2.745	2.739	0.006	98	124065	20.0	18.7	
$ 50 Dibromofluoromethane (Surr)	113	2.885	2.873	0.012	97	156248	50.0	46.6	
51 1,1,1-Trichloroethane	97	2.892	2.879	0.013	79	119057	20.0	19.4	
52 Cyclohexane	84	2.928	2.922	0.006	92	123927	20.0	20.8	
54 1,1-Dichloropropene	75	3.038	3.026	0.012	93	98121	20.0	19.3	
53 Carbon tetrachloride	117	3.044	3.032	0.012	96	104761	20.0	19.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.178	3.172	0.006	0	157211	50.0	45.5	
56 Benzene	78	3.227	3.221	0.006	94	283215	20.0	19.5	
57 1,2-Dichloroethane	62	3.257	3.245	0.012	97	80634	20.0	17.4	
58 Isobutyl alcohol	42	3.343	3.337	0.006	30	24235	500.0	390.6	Ma
59 Tert-amyl methyl ether	73	3.398	3.385	0.013	94	193634	20.0	17.5	
73 Isopropyl acetate	43	3.410	3.398	0.012	95	280741	20.0	20.0	
* 60 Fluorobenzene	96	3.532	3.520	0.012	99	589123	50.0	50.0	
61 n-Heptane	43	3.587	3.574	0.012	94	143639	20.0	21.4	
63 Trichloroethene	95	3.934	3.928	0.006	97	76468	20.0	20.1	
64 n-Butanol	43	4.117	4.093	0.024	1	7478	500.0	389.6	Ma
65 Methylcyclohexane	83	4.141	4.135	0.006	94	149869	20.0	21.6	
66 Ethyl acrylate	55	4.153	4.154	-0.001	92	186293	20.0	20.6	
67 1,2-Dichloropropane	63	4.196	4.184	0.012	94	72037	20.0	19.5	
68 Dibromomethane	93	4.324	4.318	0.006	44	38656	20.0	17.9	
* 69 1,4-Dioxane-d8	96	4.355	4.361	-0.006	0	12205	1000.0	1000.0	
70 1,4-Dioxane	88	4.336	4.404	-0.068	28	5444	400.0	383.2	
71 Methyl methacrylate	100	4.446	4.440	0.006	95	30087	40.0	39.8	
72 Dichlorobromomethane	83	4.568	4.562	0.006	98	83327	20.0	17.6	
81 n-Propyl acetate	43	4.574	4.574	0.000	82	72995	20.0	17.5	
74 2-Nitropropane	41	4.903	4.891	0.012	99	25049	40.0	36.5	a
75 2-Chloroethyl vinyl ether	63	5.056	5.086	-0.030	36	2408	20.0	8.95	Ma
76 Epichlorohydrin	57	5.123	5.086	0.037	39	3412	20.0	22.6	Ma
77 cis-1,3-Dichloropropene	75	5.202	5.184	0.018	93	96599	20.0	18.3	
78 4-Methyl-2-pentanone (MIBK)	43	5.495	5.489	0.006	96	274291	100.0	92.6	a
$ 79 Toluene-d8 (Surr)	98	5.556	5.550	0.006	98	610658	50.0	49.1	
80 Toluene	91	5.653	5.653	0.000	95	307956	20.0	19.7	
82 trans-1,3-Dichloropropene	75	6.080	6.080	0.000	99	73845	20.0	16.0	
83 1,1,2-Trichloroethane	83	6.348	6.342	0.006	92	44356	20.0	17.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.366	6.348	0.018	86	64198	20.0	17.2	a
85 Tetrachloroethene	166	6.494	6.495	-0.001	99	88784	20.0	19.9	
86 1,3-Dichloropropane	76	6.598	6.586	0.012	94	89201	20.0	17.9	
87 2-Hexanone	43	6.879	6.879	0.000	97	199719	100.0	103.0	
88 Chlorodibromomethane	129	6.952	6.952	0.000	98	63320	20.0	18.3	
89 Ethylene Dibromide	107	7.068	7.062	0.006	97	52385	20.0	17.6	
90 n-Butyl acetate	73	7.226	7.214	0.012	99	13005	20.0	17.5	
* 91 Chlorobenzene-d5	117	7.964	7.958	0.006	88	468413	50.0	50.0	
92 Chlorobenzene	112	8.012	8.007	0.005	95	198701	20.0	19.7	
93 1,1,1,2-Tetrachloroethane	131	8.226	8.232	-0.006	95	68526	20.0	17.9	
94 Ethylbenzene	106	8.317	8.305	0.012	98	110370	20.0	20.0	
95 m-Xylene & p-Xylene	106	8.561	8.561	0.000	99	135129	20.0	20.5	
96 o-Xylene	106	9.281	9.281	-0.001	93	130563	20.0	19.8	
97 Styrene	104	9.329	9.323	0.006	96	201120	20.0	18.4	
98 n-Butyl acrylate	73	9.506	9.500	0.006	97	35829	20.0	17.0	
99 Bromoform	173	9.573	9.567	0.006	96	41855	20.0	16.6	
101 Amyl acetate (mixed isomers)	43	9.982	9.982	0.000	91	89805	20.0	18.0	
102 Isopropylbenzene	105	10.018	10.018	0.000	96	373183	20.0	20.9	
$ 103 4-Bromofluorobenzene	174	10.225	10.226	-0.001	94	216430	50.0	50.1	
104 Bromobenzene	156	10.396	10.396	0.000	95	90303	20.0	19.7	
105 1,2,3-Trichloropropane	110	10.616	10.616	0.000	95	22190	20.0	18.5	
106 1,1,2,2-Tetrachloroethane	83	10.628	10.628	0.000	96	72591	20.0	17.8	
107 trans-1,4-Dichloro-2-butene	53	10.731	10.732	-0.001	82	16445	20.0	16.9	
108 N-Propylbenzene	120	10.762	10.756	0.006	99	104399	20.0	20.8	
109 2-Chlorotoluene	126	10.805	10.799	0.006	97	90049	20.0	20.3	
110 4-Ethyltoluene	105	10.975	10.975	0.000	98	374369	20.0	21.7	
111 4-Chlorotoluene	91	11.012	11.012	0.000	97	310578	20.0	20.9	
112 1,3,5-Trimethylbenzene	105	11.109	11.110	-0.001	93	316717	20.0	21.1	
100 Butyl Methacrylate	87	11.475	11.475	0.000	97	68420	20.0	15.3	
113 tert-Butylbenzene	119	11.640	11.640	0.000	94	262676	20.0	21.7	
114 1,2,4-Trimethylbenzene	105	11.725	11.725	0.000	98	322355	20.0	21.0	
115 sec-Butylbenzene	105	12.054	12.054	0.000	99	439150	20.0	22.3	
116 1,3-Dichlorobenzene	146	12.128	12.128	0.000	97	179105	20.0	19.5	
* 117 1,4-Dichlorobenzene-d4	152	12.280	12.280	0.000	95	277680	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.329	12.329	0.000	97	182801	20.0	19.6	
119 4-Isopropyltoluene	119	12.402	12.408	-0.006	98	371959	20.0	21.6	
120 1,2,3-Trimethylbenzene	105	12.512	12.512	0.000	98	323469	20.0	20.6	
121 Benzyl chloride	126	12.664	12.664	0.000	98	12785	20.0	10.5	
122 2,3-Dihydroindene	117	12.804	12.804	0.000	94	312692	20.0	20.3	
123 1,2-Dichlorobenzene	146	12.944	12.945	-0.001	96	171920	20.0	19.2	
124 p-Diethylbenzene	119	13.042	13.042	0.000	94	241714	20.0	26.1	
125 n-Butylbenzene	92	13.066	13.066	0.000	97	218903	20.0	22.4	
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	93	15876	20.0	18.0	
127 1,2,4,5-Tetramethylbenzene	119	13.786	13.780	0.006	98	383198	20.0	23.9	
128 1,3,5-Trichlorobenzene	180	13.926	13.926	0.000	97	164568	20.0	20.5	
129 1,2,4-Trichlorobenzene	180	14.365	14.359	0.006	94	142994	20.0	19.6	
130 Hexachlorobutadiene	225	14.505	14.499	0.006	96	90872	20.0	22.1	
131 Naphthalene	128	14.511	14.511	0.000	99	295726	20.0	20.4	
132 1,2,3-Trichlorobenzene	180	14.670	14.664	0.006	95	139831	20.0	20.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	41.4	
S 134 1,3-Dichloropropene, Total	100				0		40.0	34.3	
S 135 Xylenes, Total	100				0		40.0	40.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	99.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN SP_00122	Amount Added:	3.00	Units: uL	
8260 SP_00136	Amount Added:	2.00	Units: uL	
8FreonsSS_00030	Amount Added:	2.00	Units: uL	
GAS C SP_00400	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:04:02 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D

Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2 Operator ID:

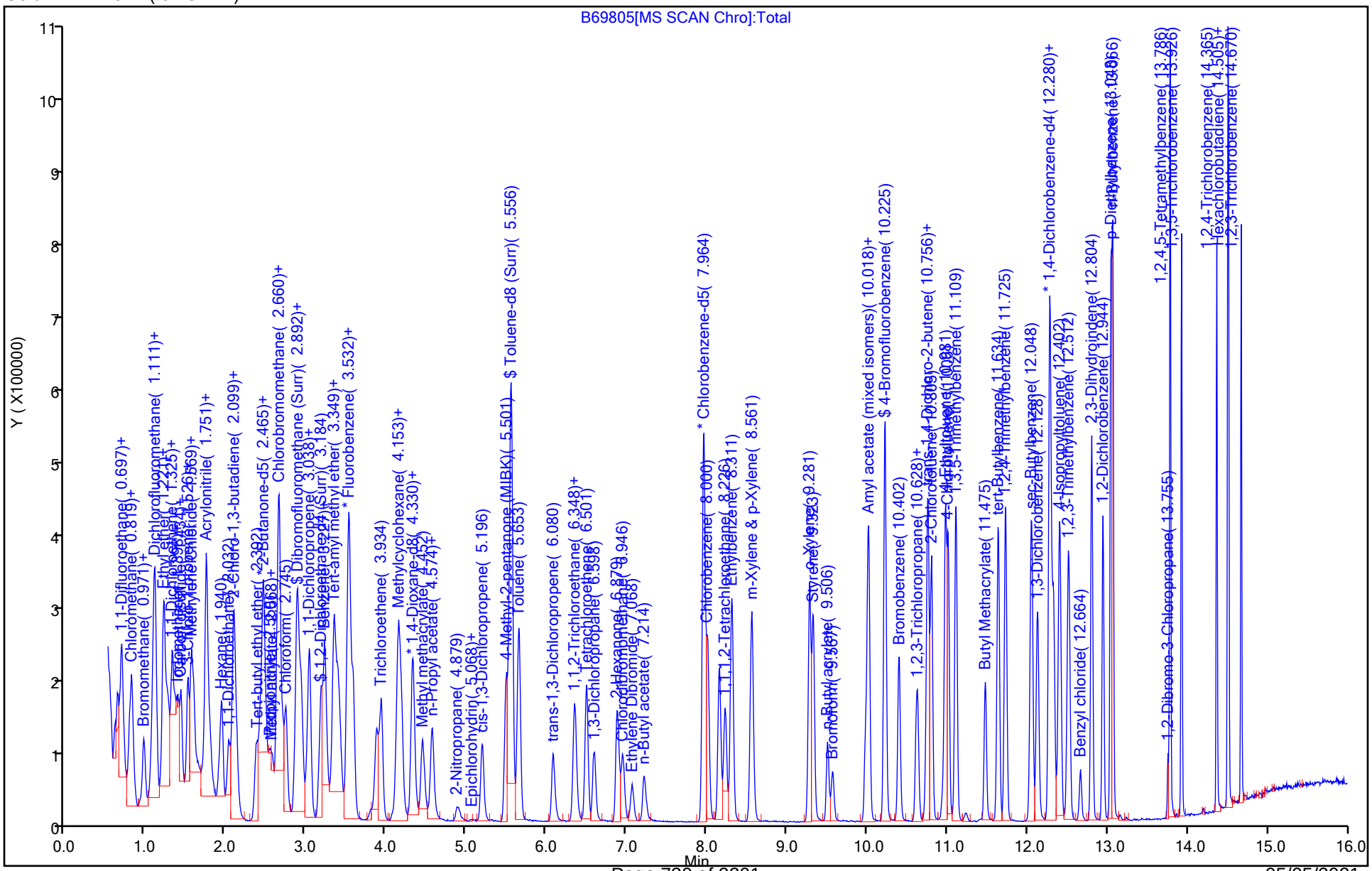
Lims ID: ICV Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

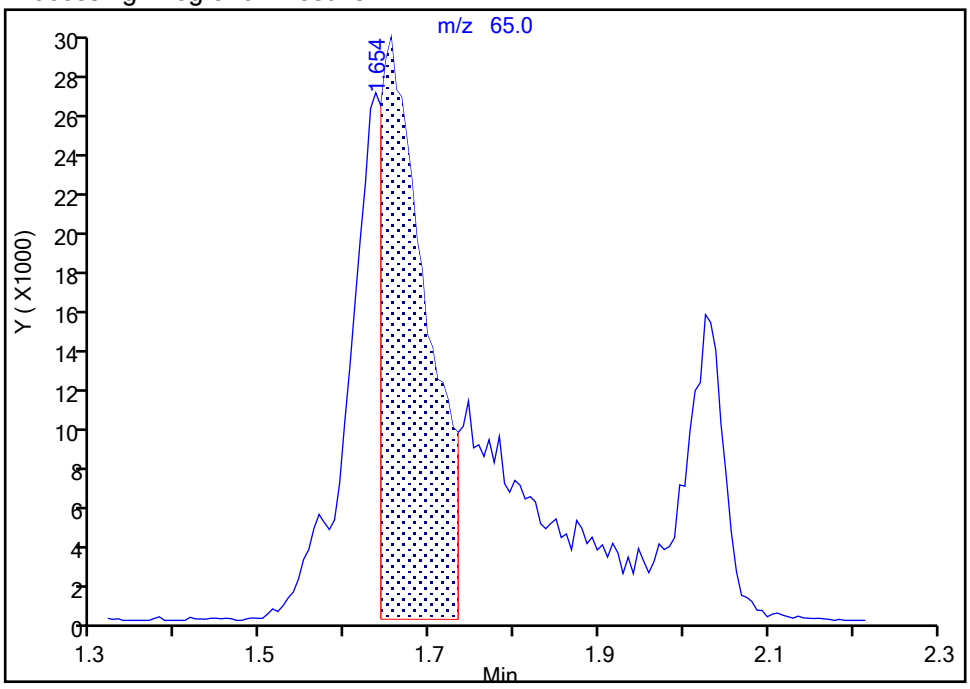
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

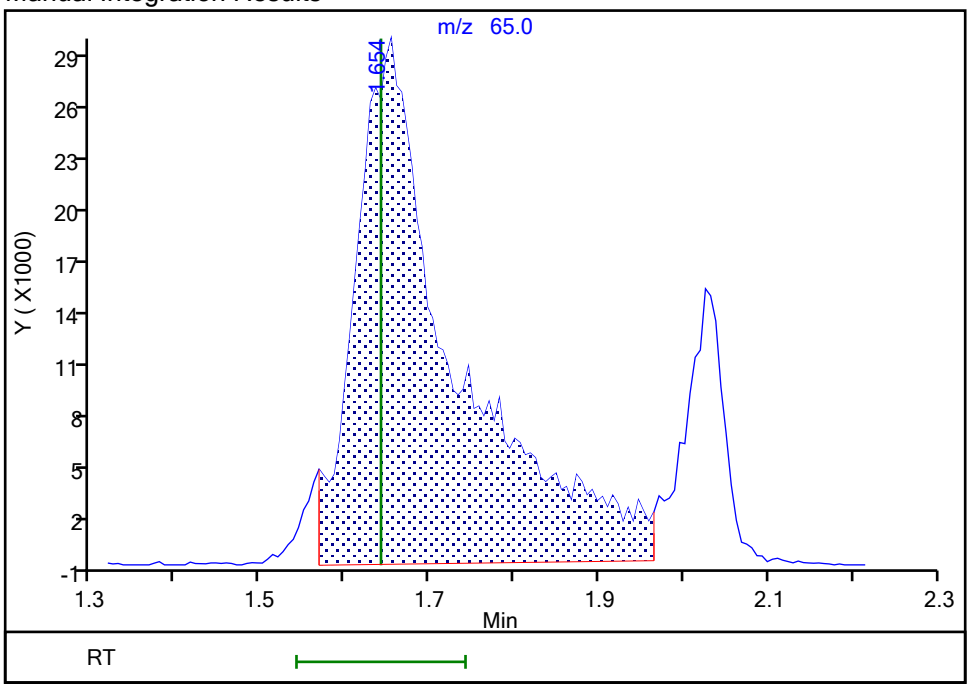
Processing Integration Results

RT: 1.65
Area: 111808
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 244679
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 10:32:53
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

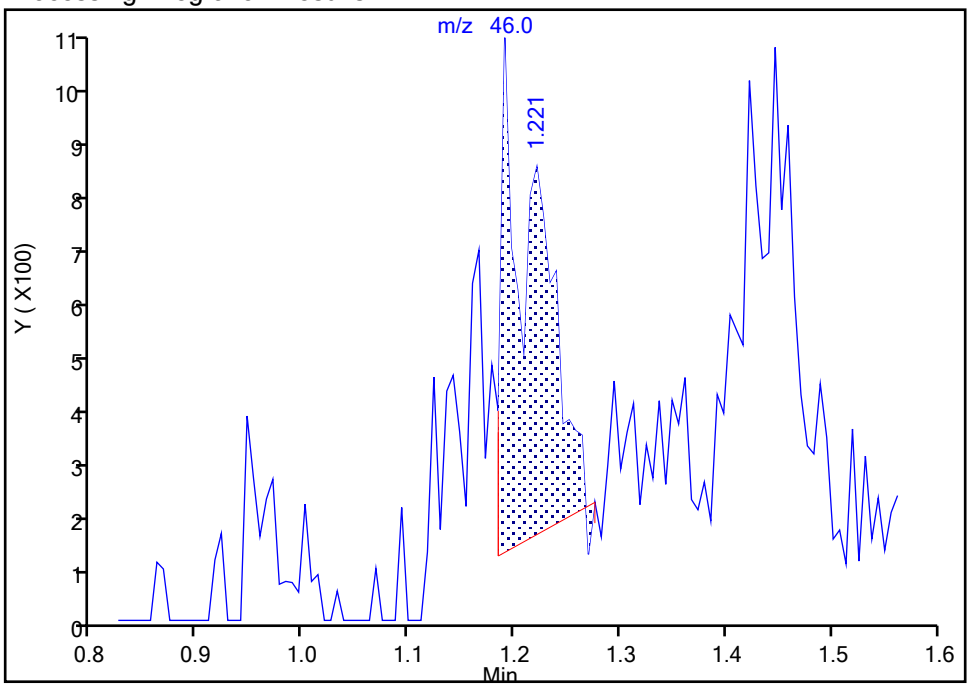
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

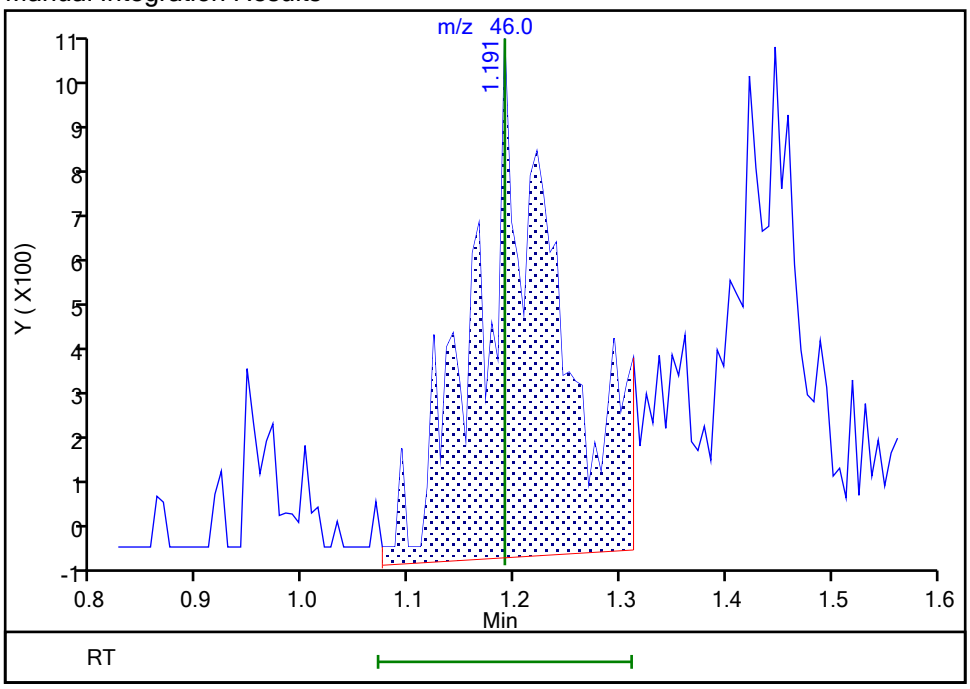
Processing Integration Results

RT: 1.22
Area: 2087
Amount: 371.7701
Amount Units: ug/l



Manual Integration Results

RT: 1.19
Area: 5583
Amount: 991.6280
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:07:42
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

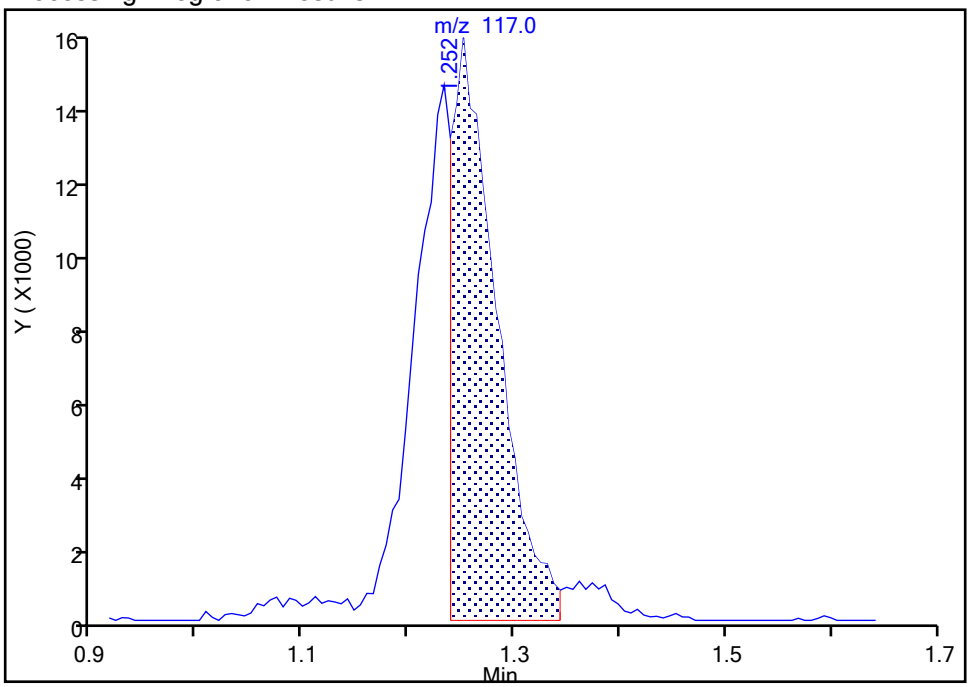
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

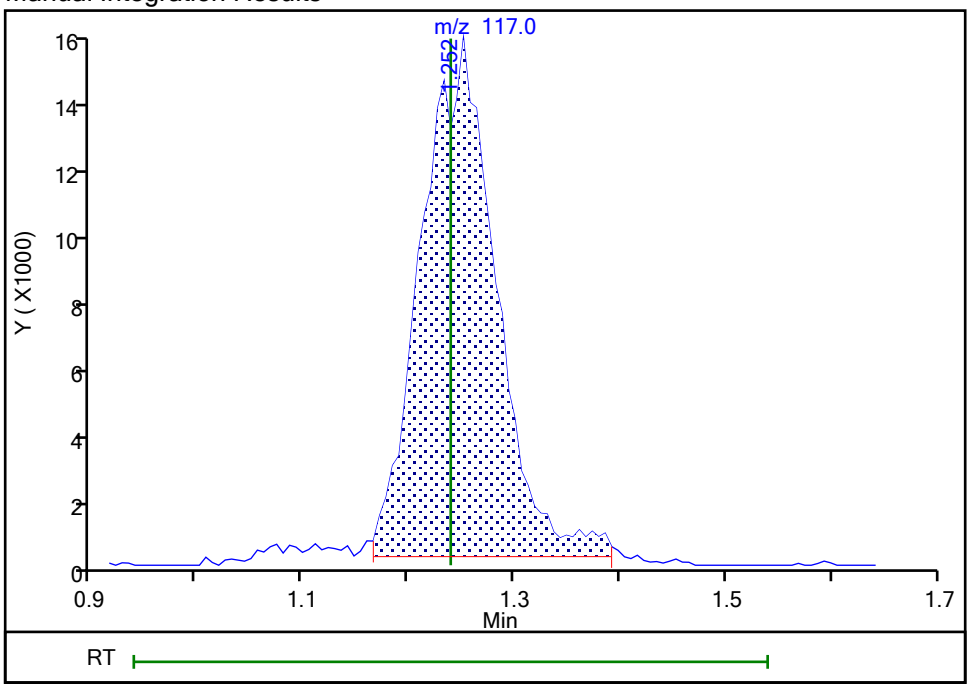
Processing Integration Results

RT: 1.25
Area: 47241
Amount: 12.816544
Amount Units: ug/l



Manual Integration Results

RT: 1.25
Area: 76209
Amount: 20.675600
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:07:51
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

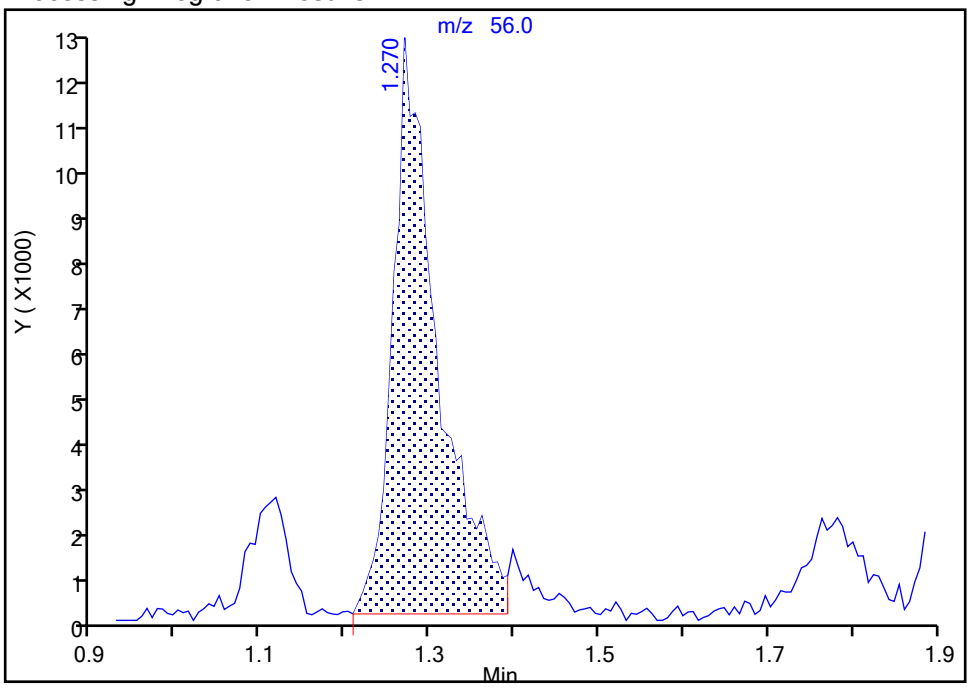
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

18 Acrolein, CAS: 107-02-8

Signal: 1

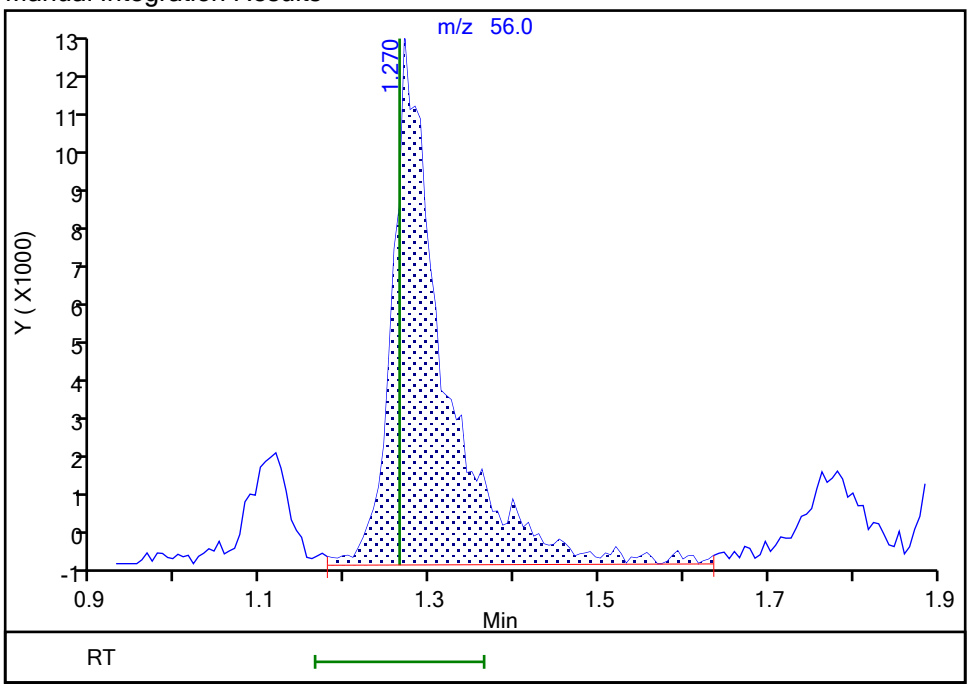
Processing Integration Results

RT: 1.27
Area: 44887
Amount: 141.0468
Amount Units: ug/l



Manual Integration Results

RT: 1.27
Area: 52073
Amount: 163.6271
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:08:02
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

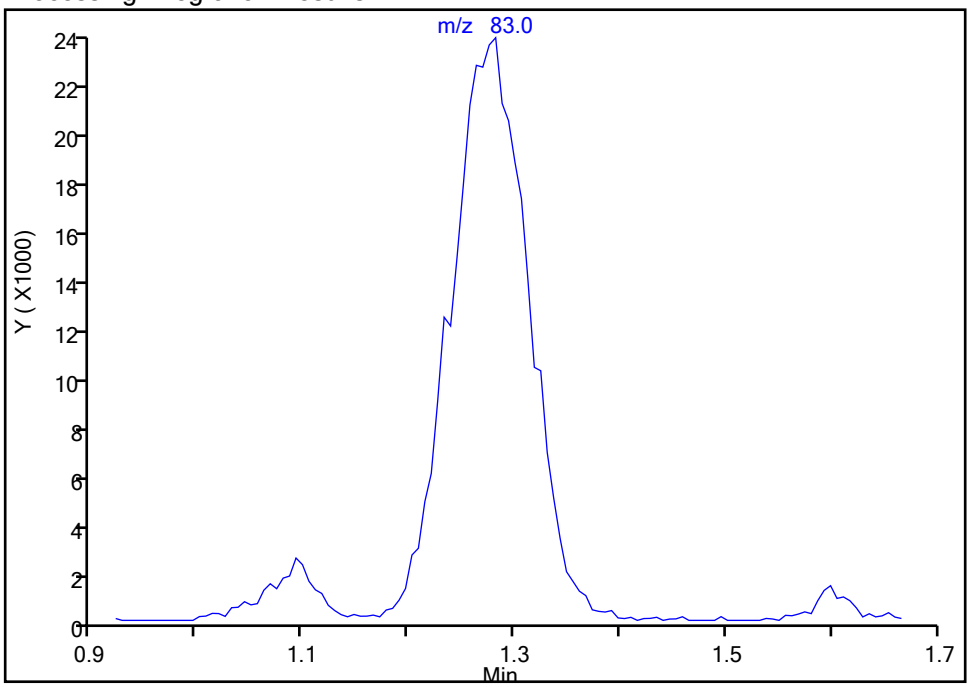
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

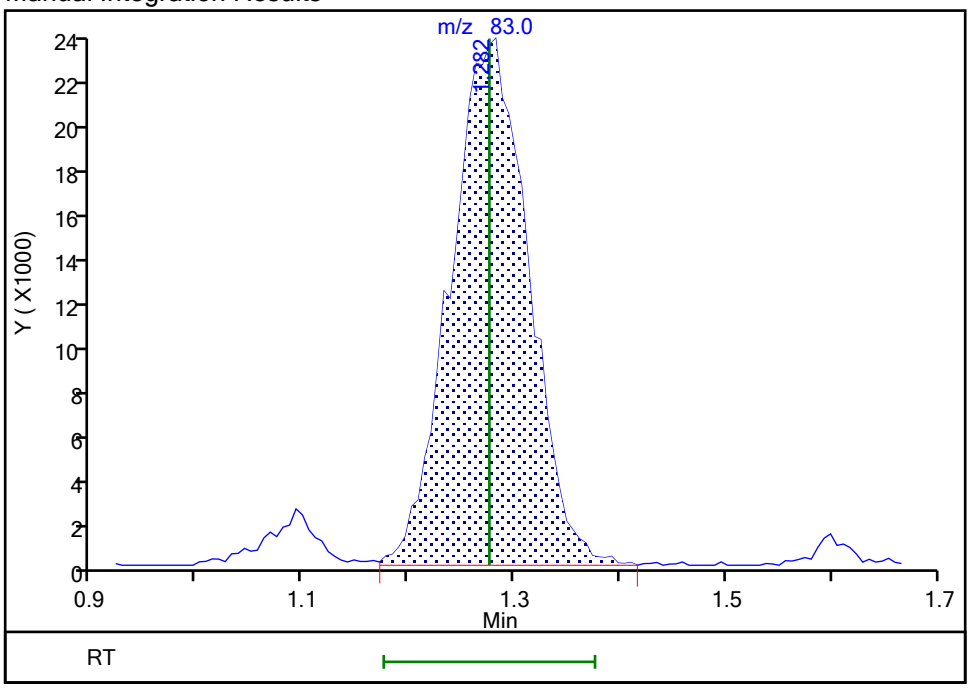
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 118763
Amount: 21.165460
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:57:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

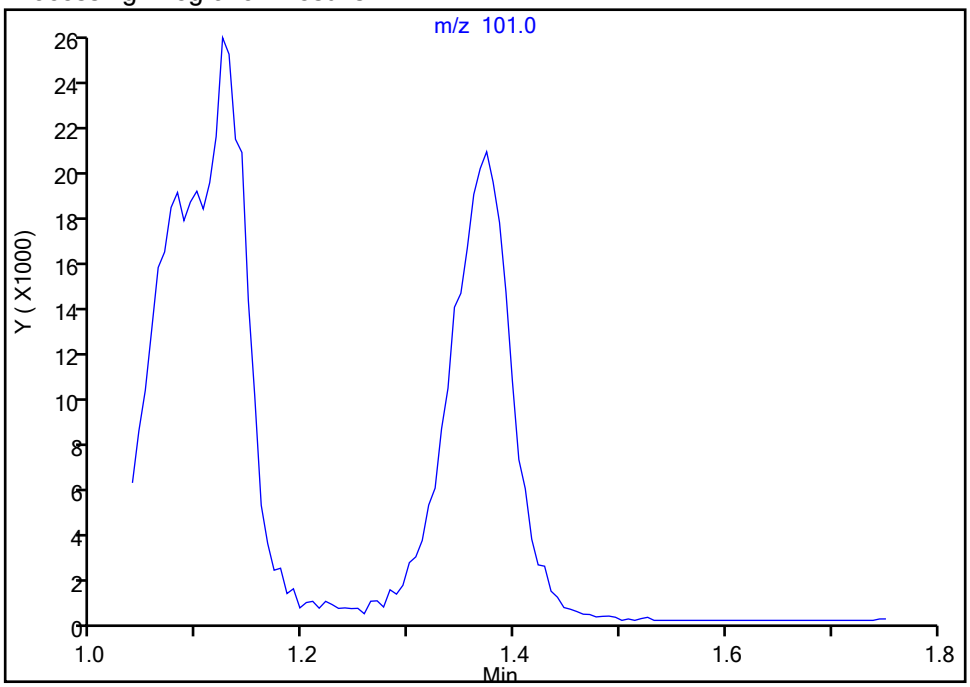
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

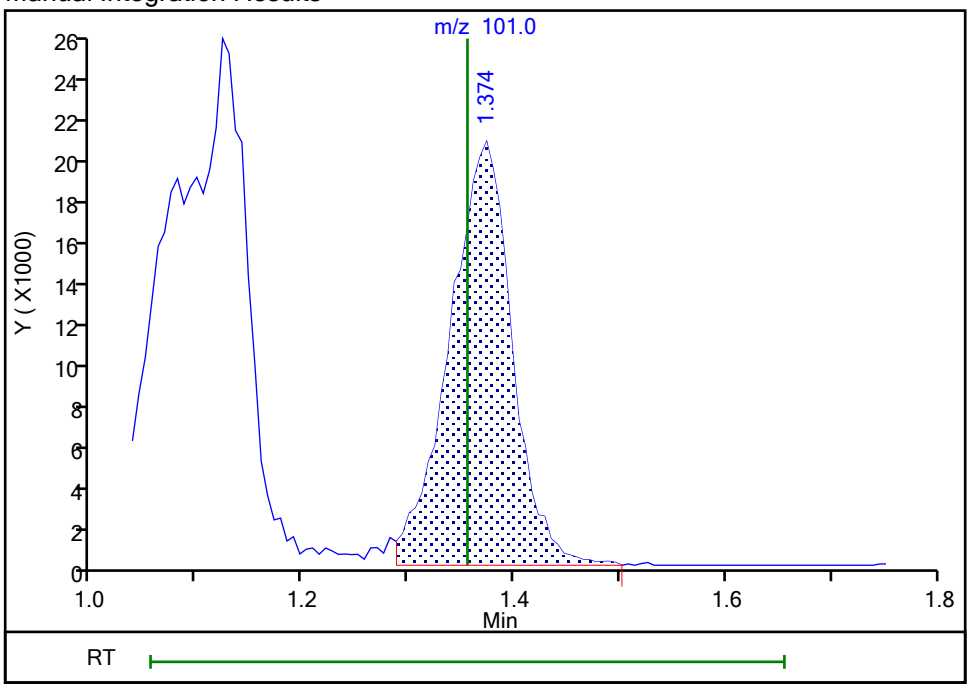
Not Detected
Expected RT: 1.36

Processing Integration Results



Manual Integration Results

RT: 1.37
Area: 85551
Amount: 21.132470
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:57:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

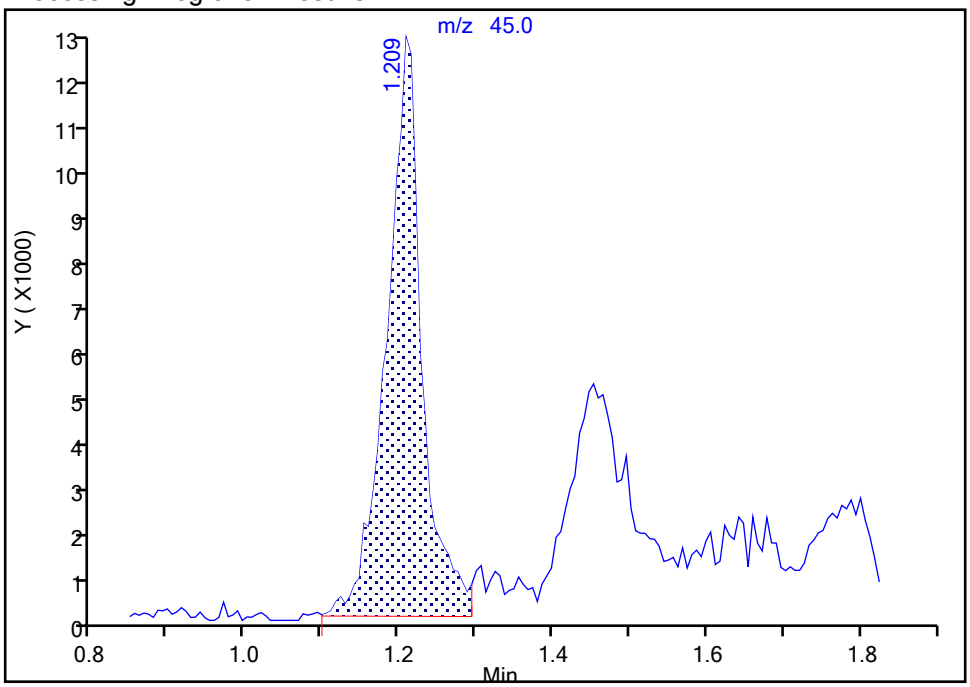
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

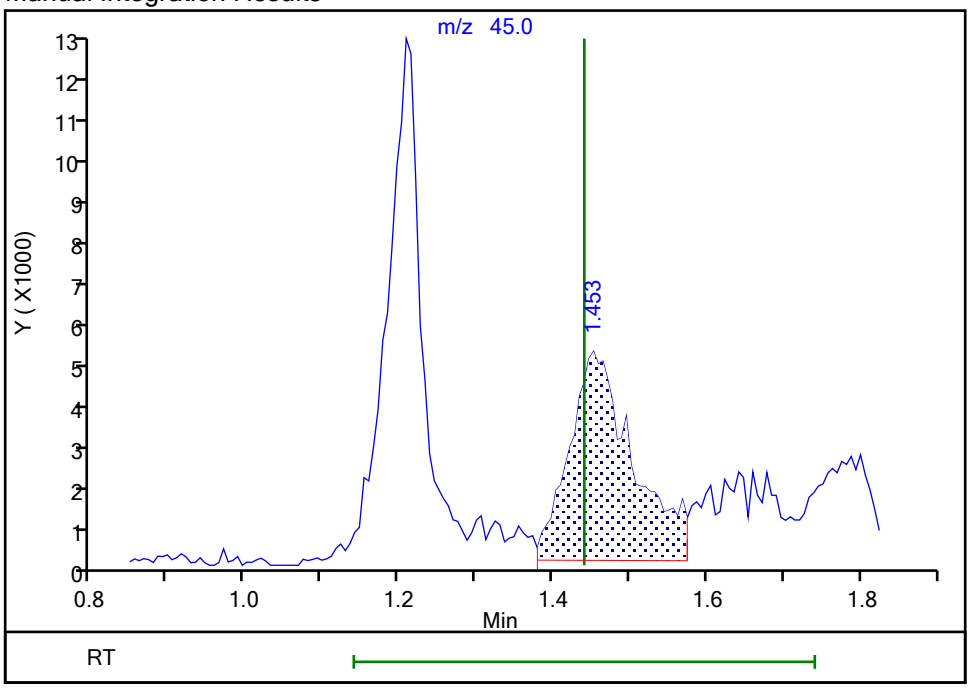
Processing Integration Results

RT: 1.21
Area: 41155
Amount: 252.2278
Amount Units: ug/l



Manual Integration Results

RT: 1.45
Area: 29712
Amount: 182.0968
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:58:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

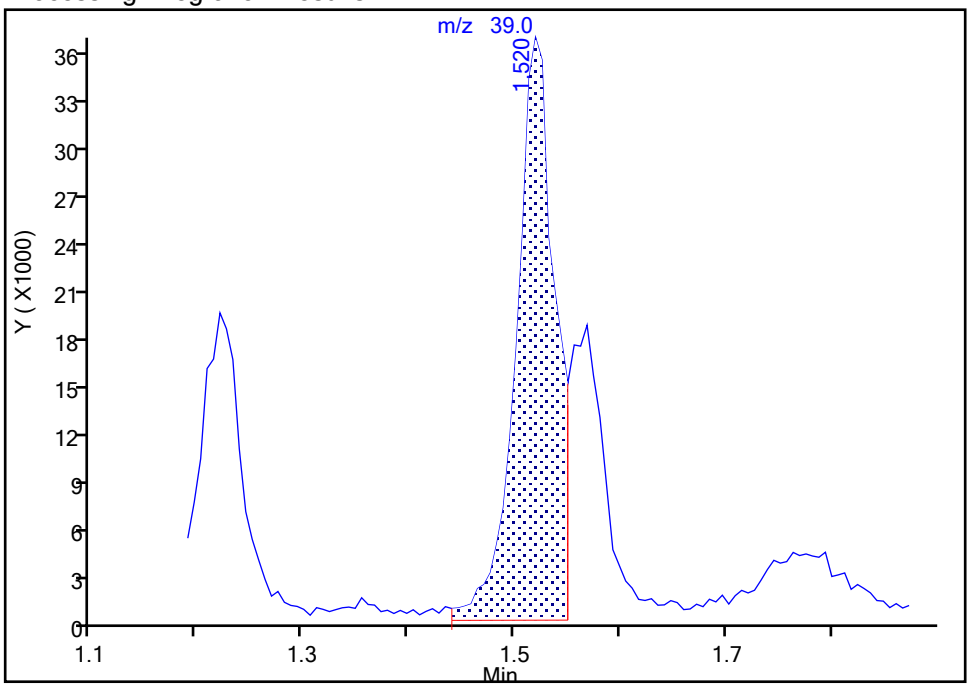
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

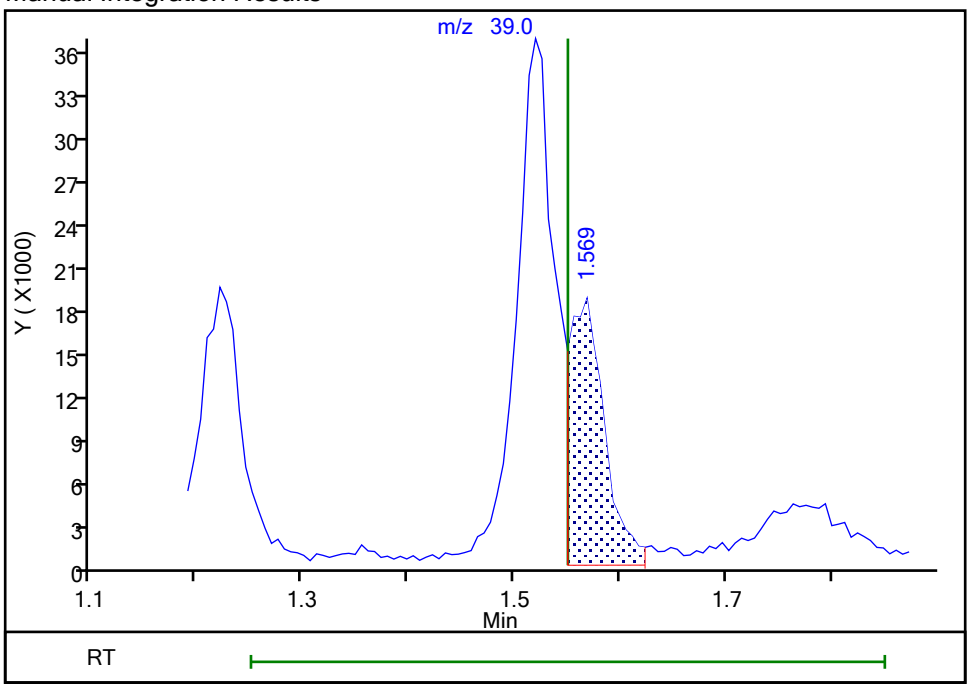
Processing Integration Results

RT: 1.52
Area: 93032
Amount: 433.8457
Amount Units: ug/l



Manual Integration Results

RT: 1.57
Area: 42998
Amount: 200.5170
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:58:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

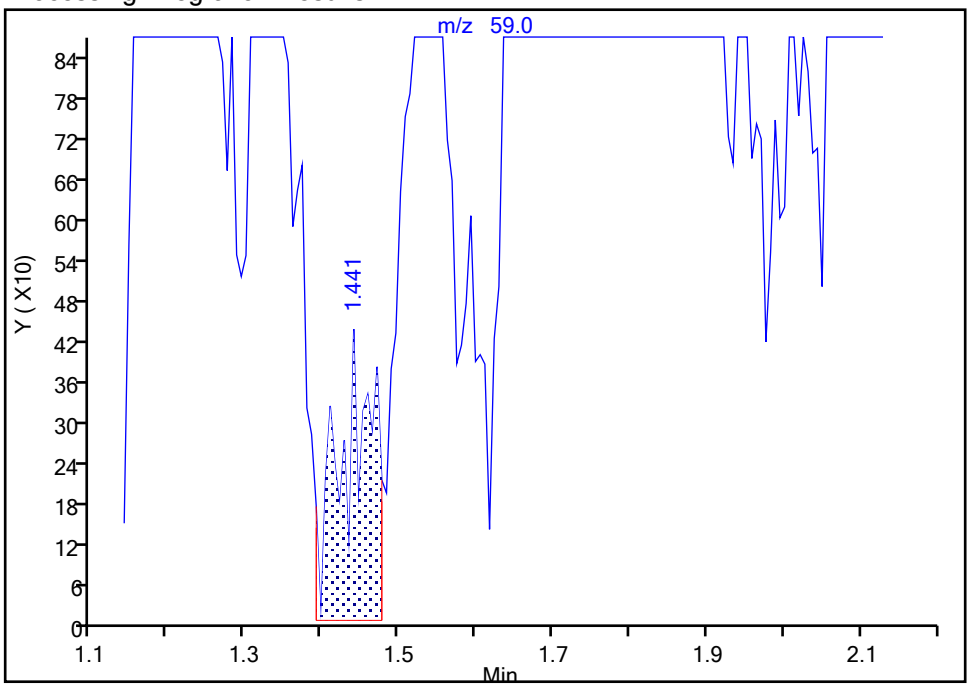
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

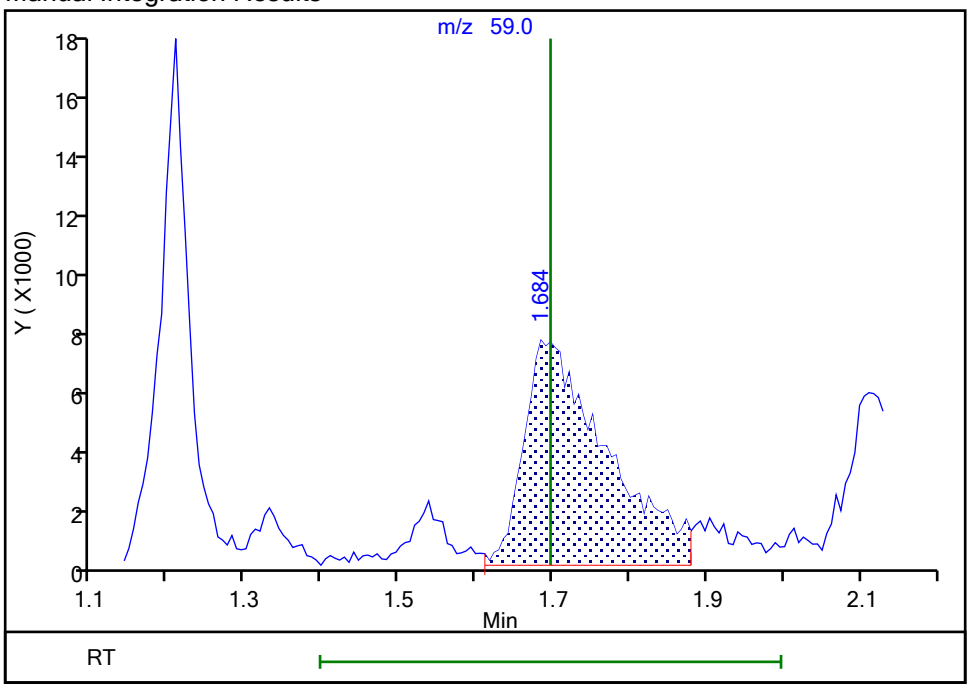
Processing Integration Results

RT: 1.44
Area: 1304
Amount: 4.310631
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 55198
Amount: 182.4680
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:58:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

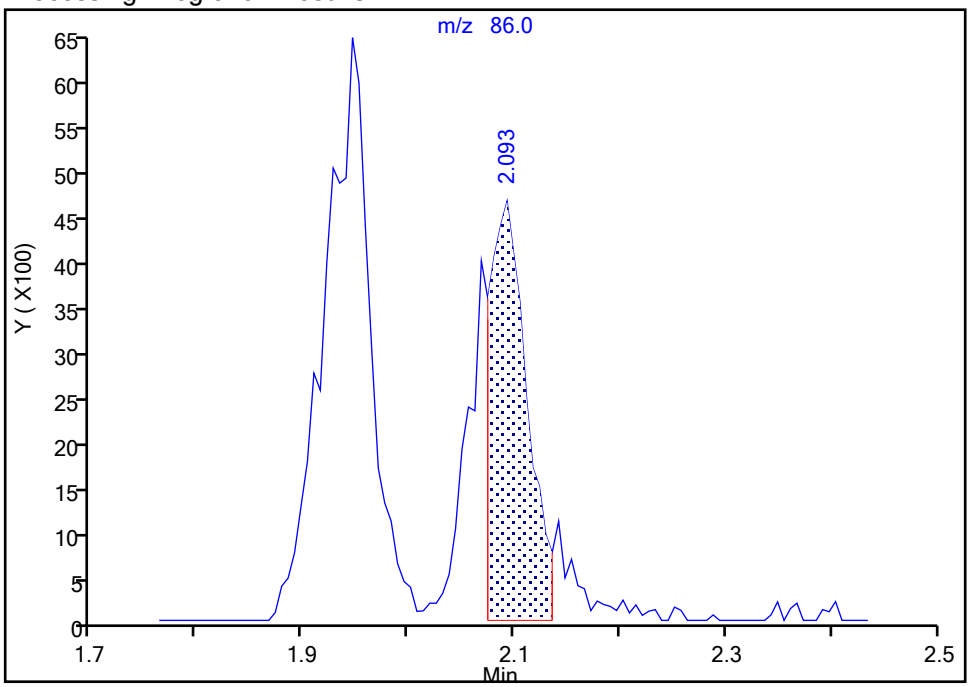
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

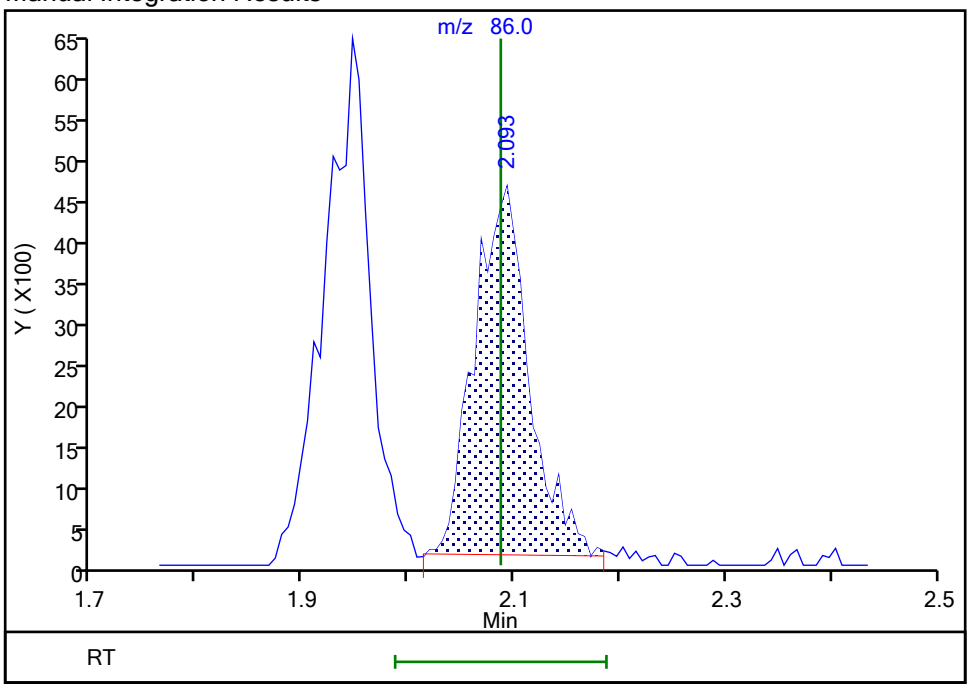
Processing Integration Results

RT: 2.09
Area: 11499
Amount: 23.820456
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 16125
Amount: 33.403326
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:05:02
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

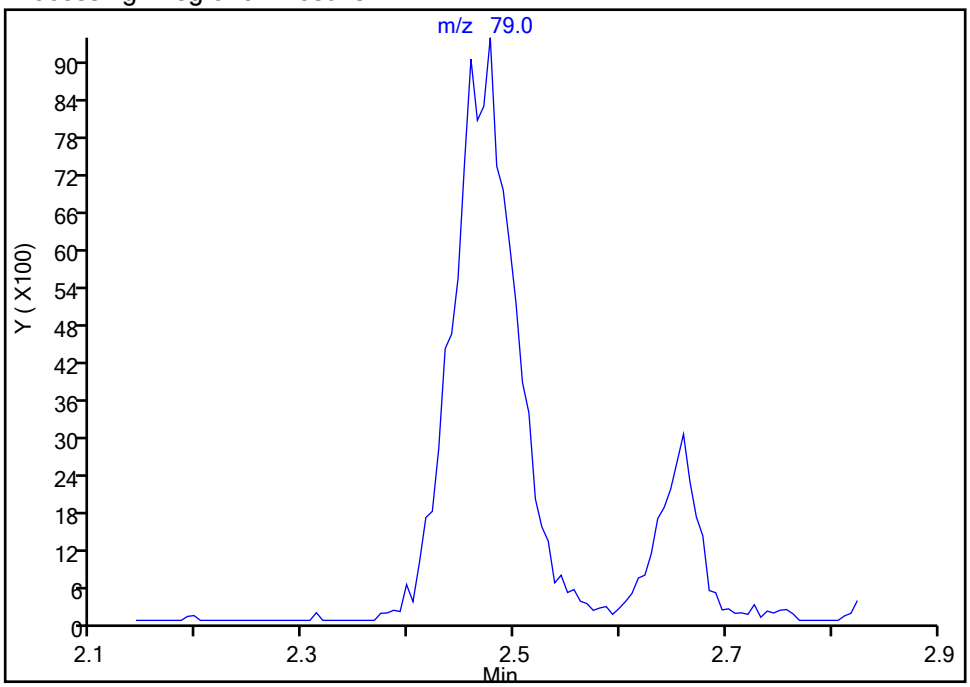
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

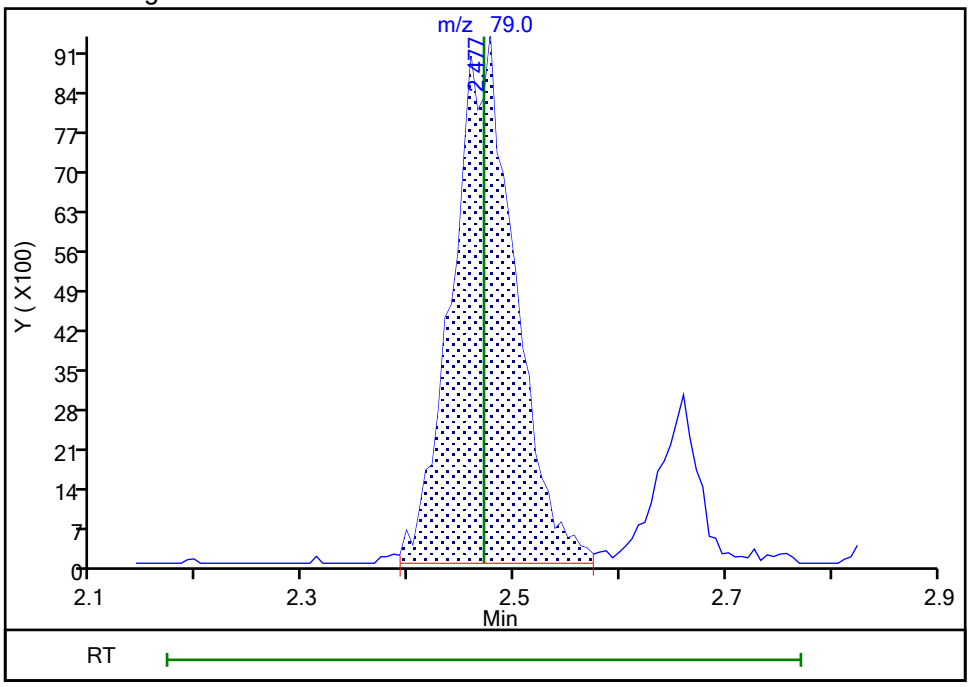
Not Detected
Expected RT: 2.47

Processing Integration Results



Manual Integration Results

RT: 2.48
Area: 38365
Amount: 20.726141
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:58:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

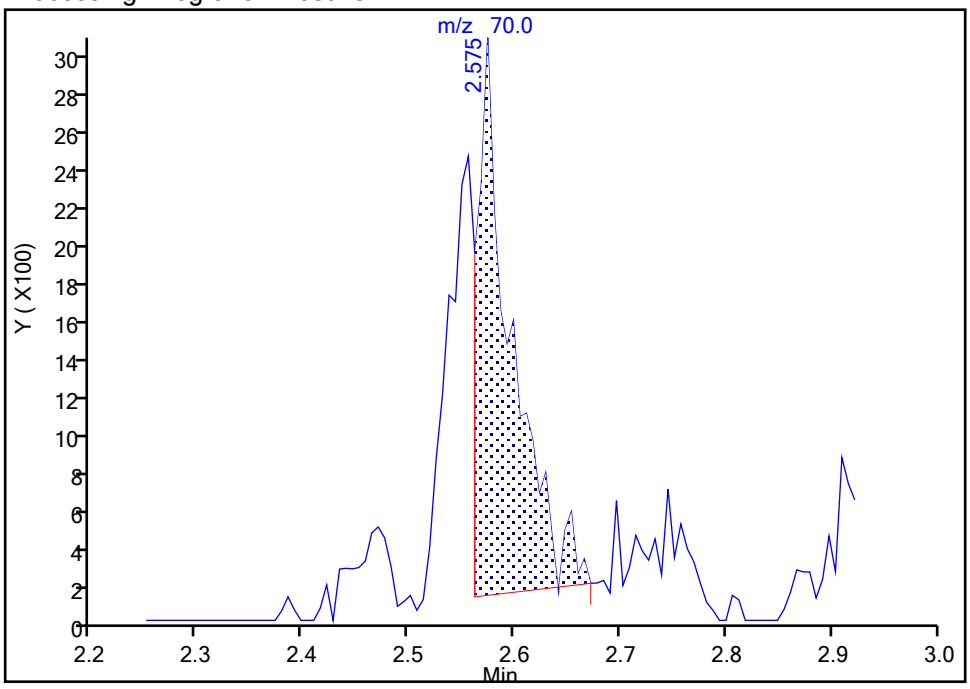
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

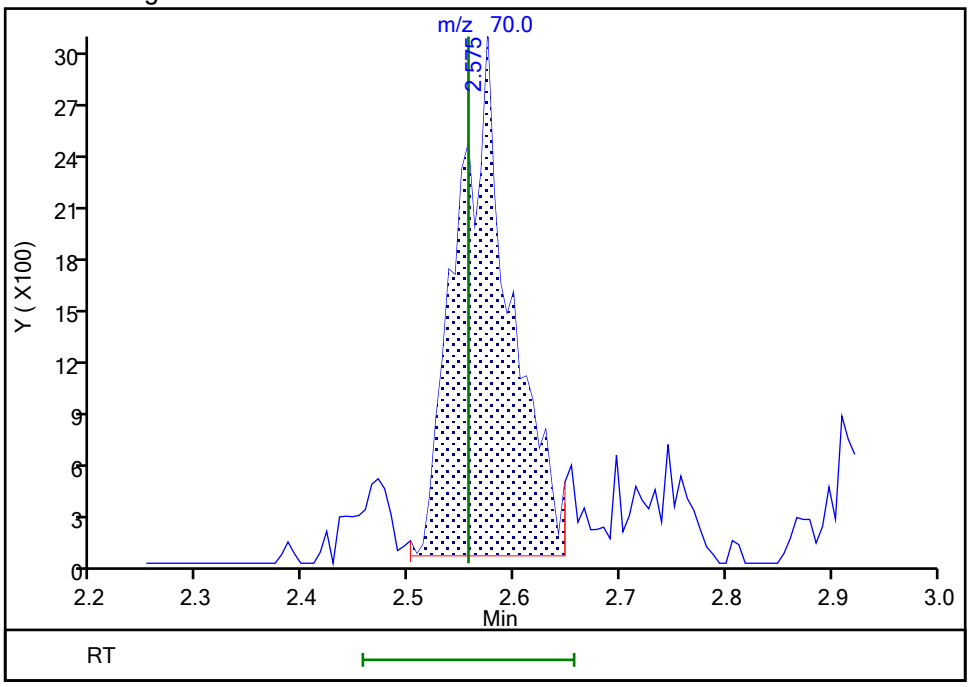
Processing Integration Results

RT: 2.57
Area: 6585
Amount: 27.064051
Amount Units: ug/l



Manual Integration Results

RT: 2.57
Area: 10783
Amount: 44.317641
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:10:31
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

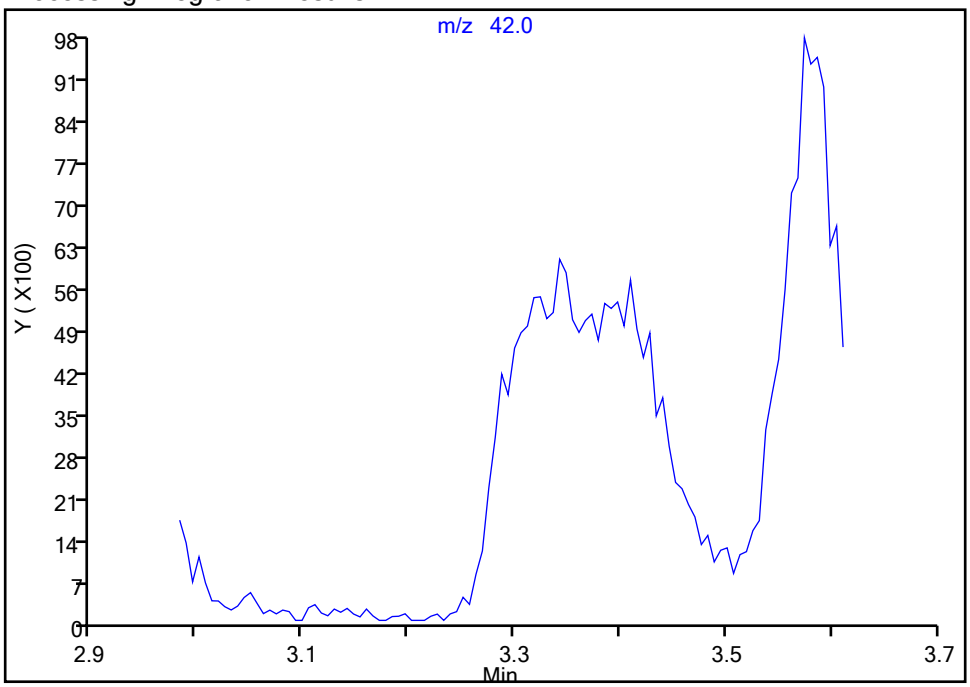
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

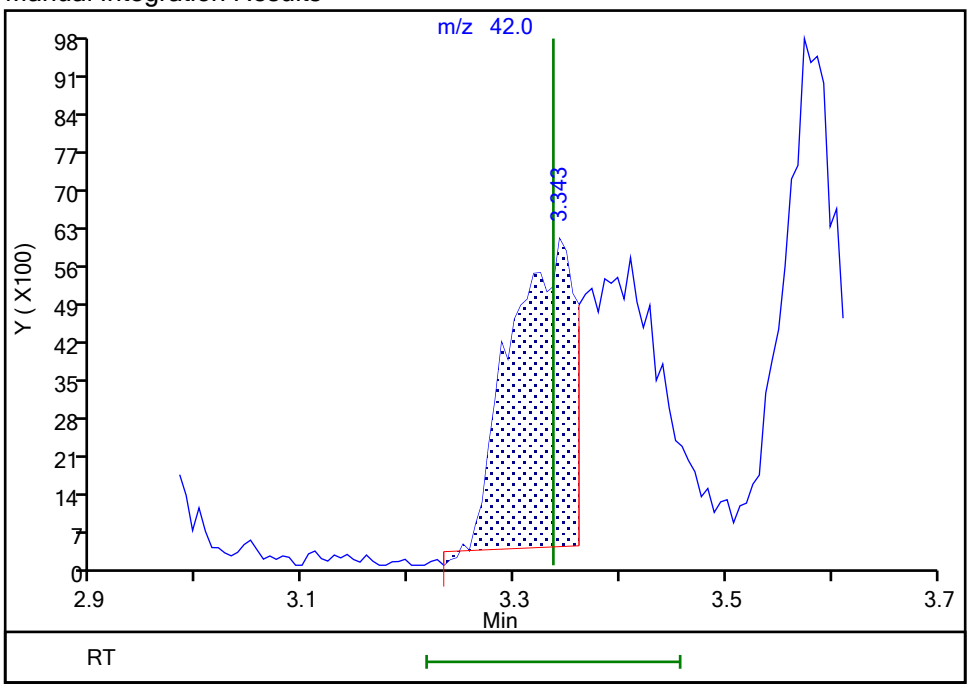
Not Detected
Expected RT: 3.34

Processing Integration Results



Manual Integration Results

RT: 3.34
Area: 24235
Amount: 390.6485
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:03:12
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

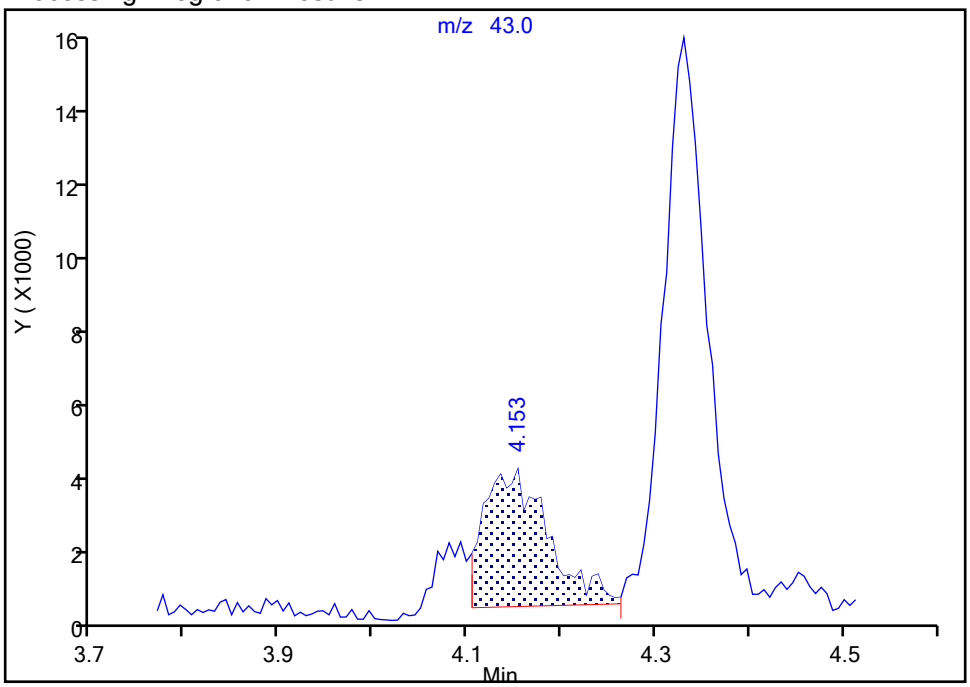
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

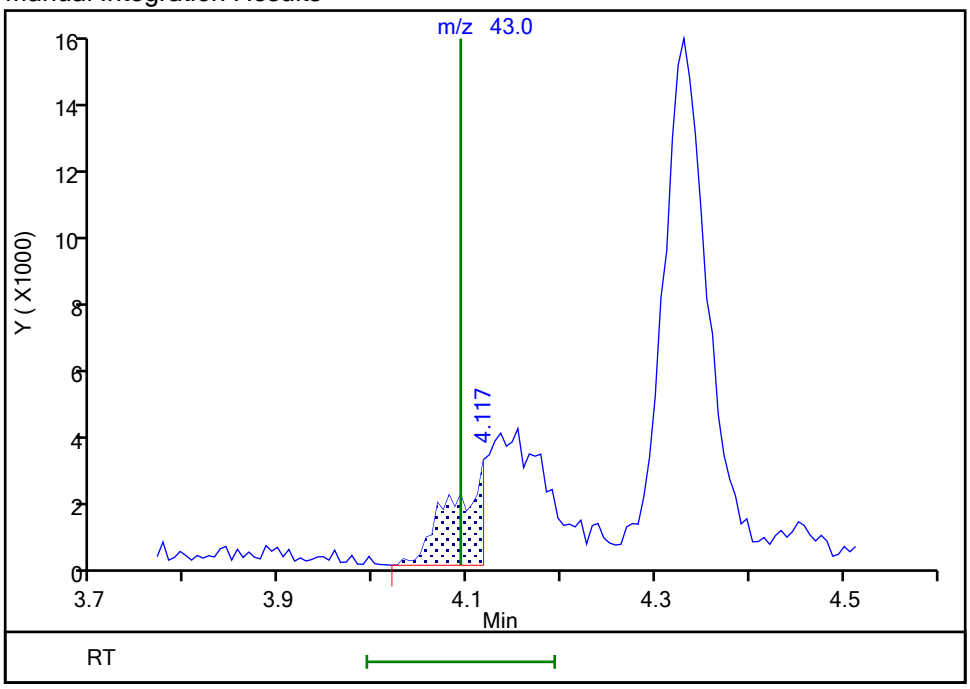
Processing Integration Results

RT: 4.15
Area: 17408
Amount: 879.8771
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 7478
Amount: 389.6396
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:06:25
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

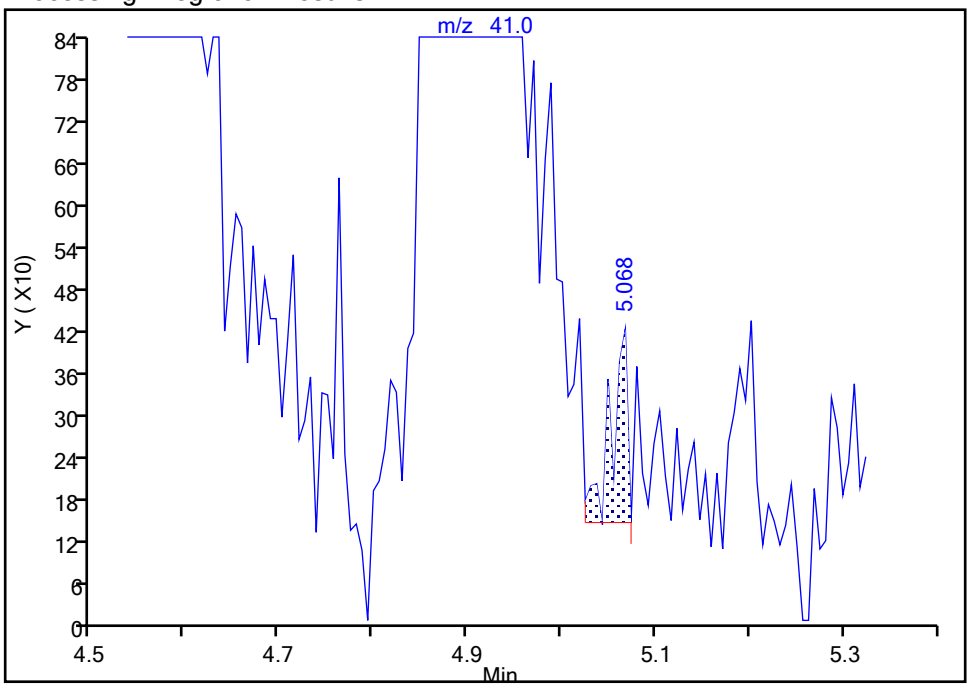
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 2-Nitropropane, CAS: 79-46-9

Signal: 1

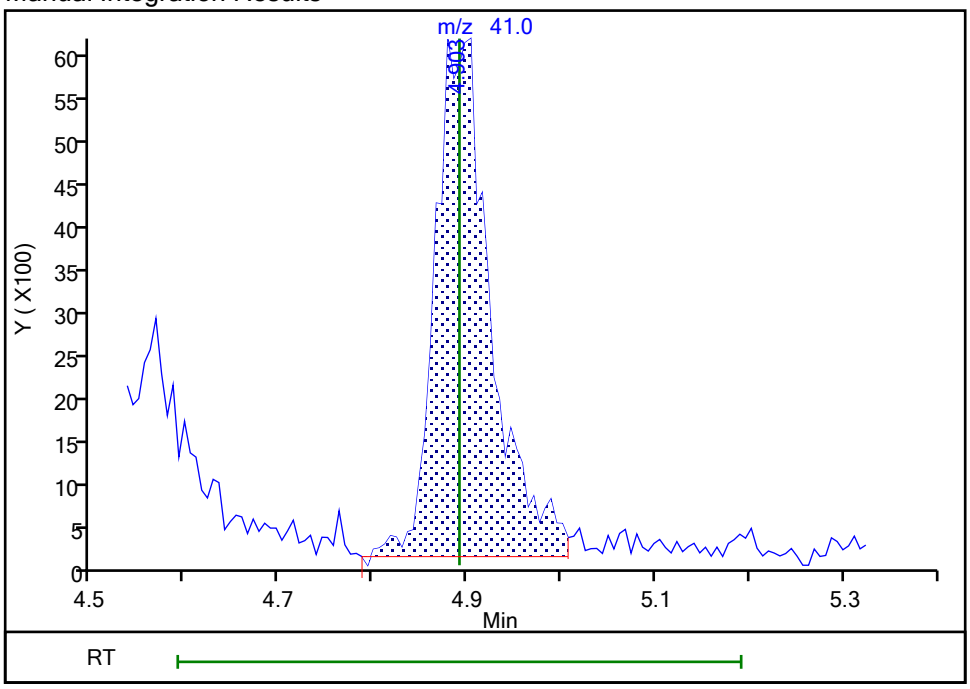
Processing Integration Results

RT: 5.07
Area: 331
Amount: 0.482242
Amount Units: ug/l



Manual Integration Results

RT: 4.90
Area: 25049
Amount: 36.494535
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:58:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

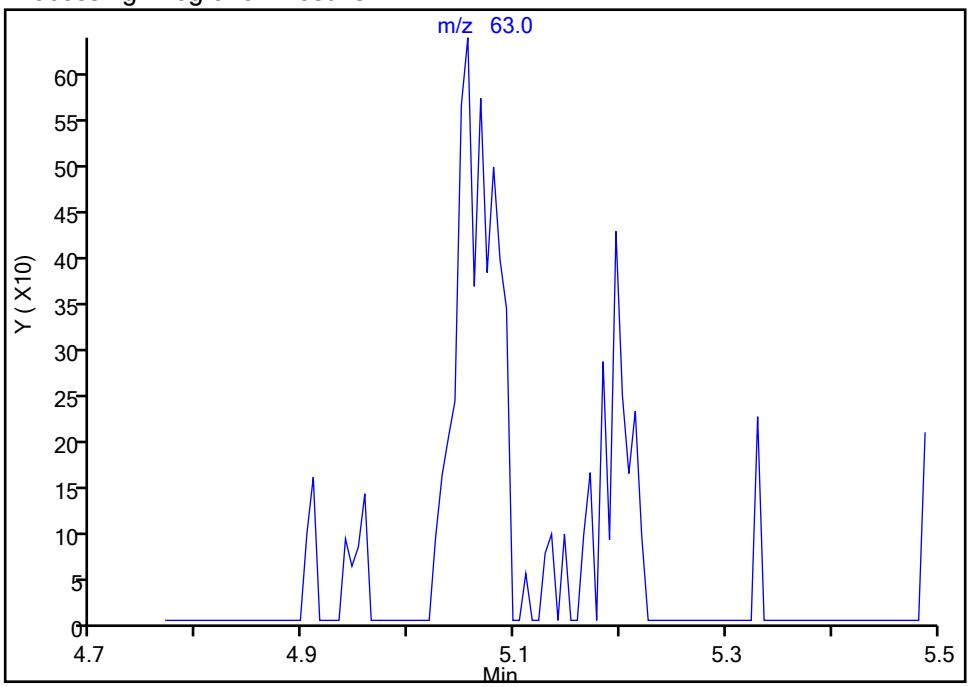
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

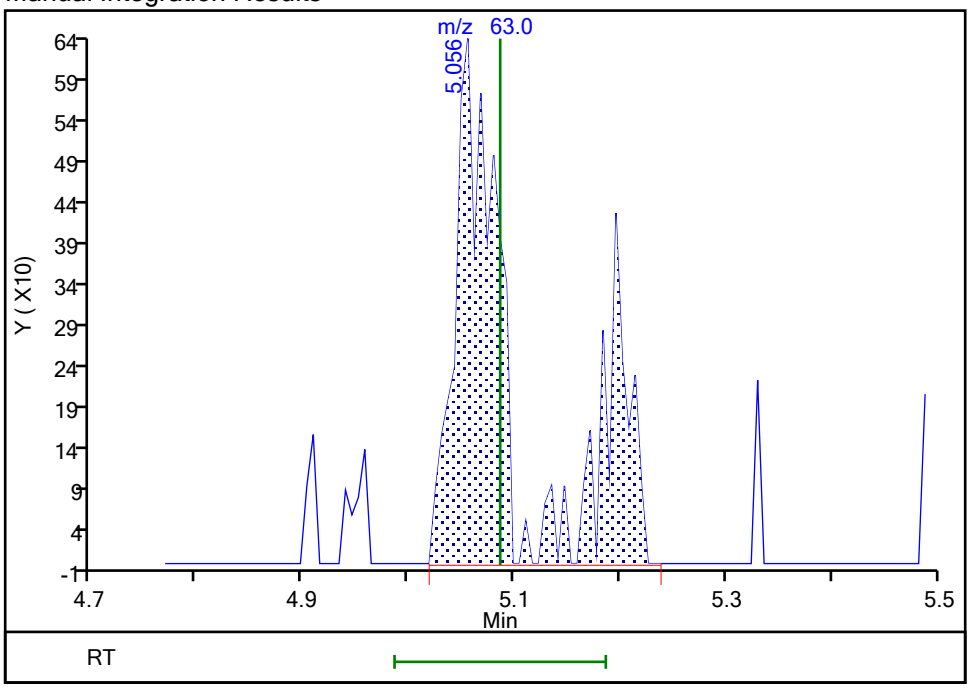
Not Detected
Expected RT: 5.09

Processing Integration Results



Manual Integration Results

RT: 5.06
Area: 2408
Amount: 8.949506
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:02:02
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

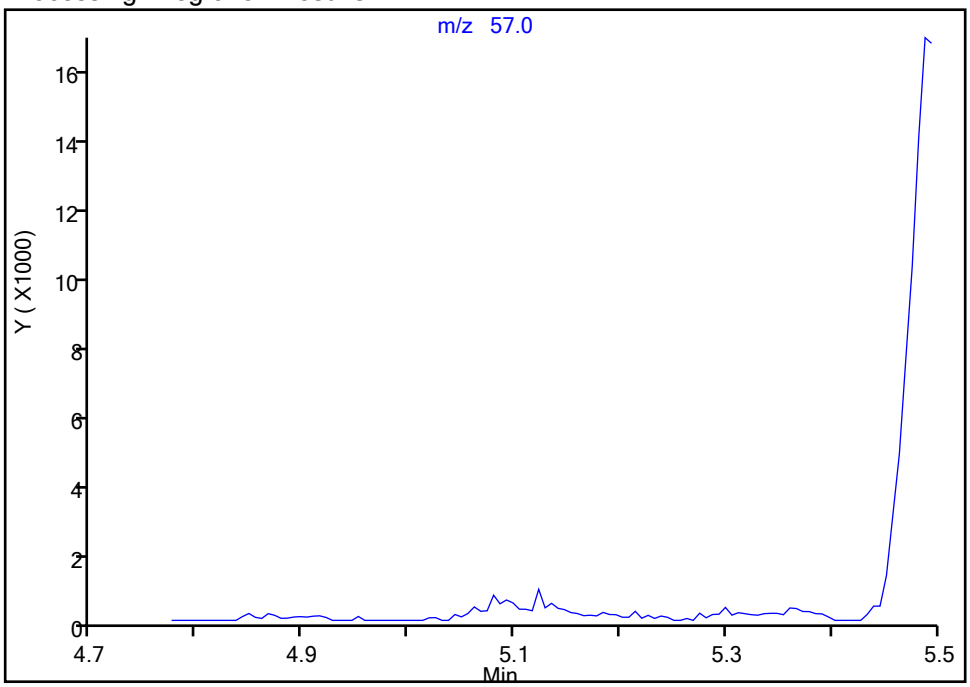
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

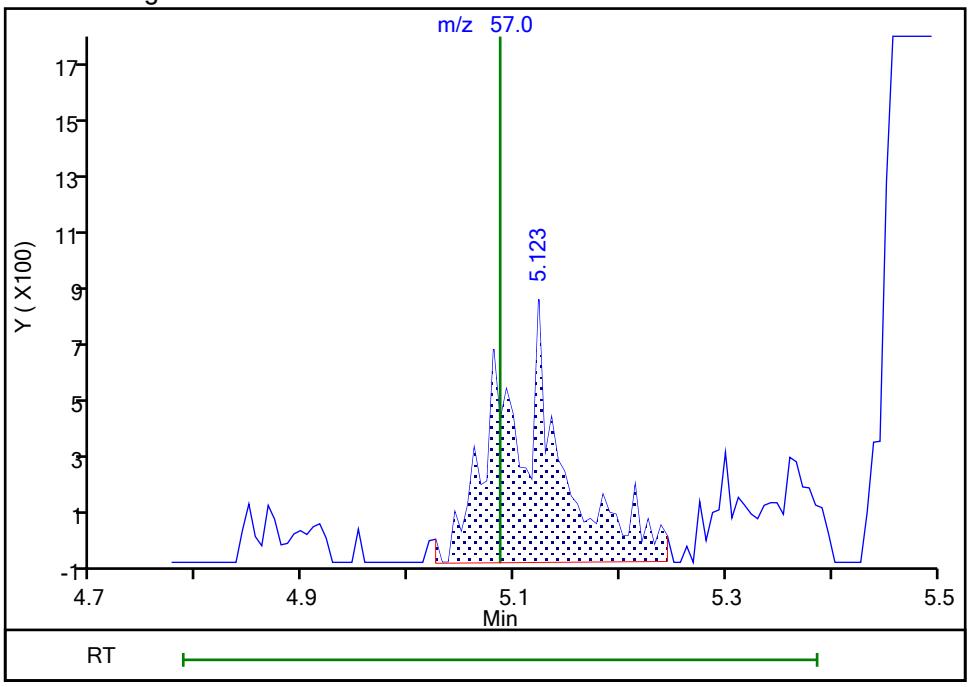
Not Detected
Expected RT: 5.09

Processing Integration Results



Manual Integration Results

RT: 5.12
Area: 3412
Amount: 22.635019
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:59:21
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

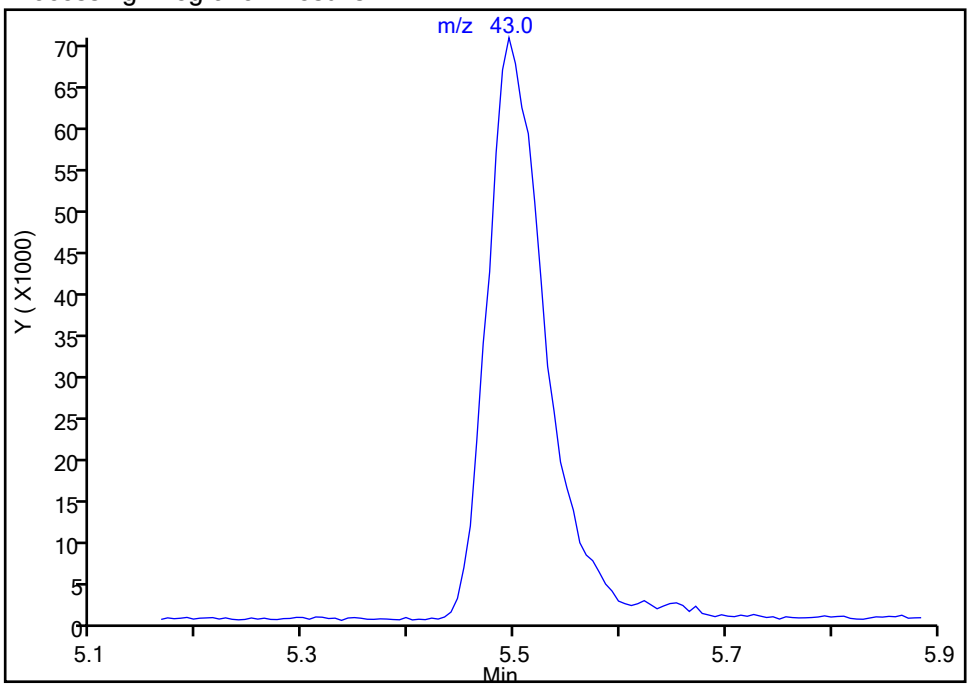
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

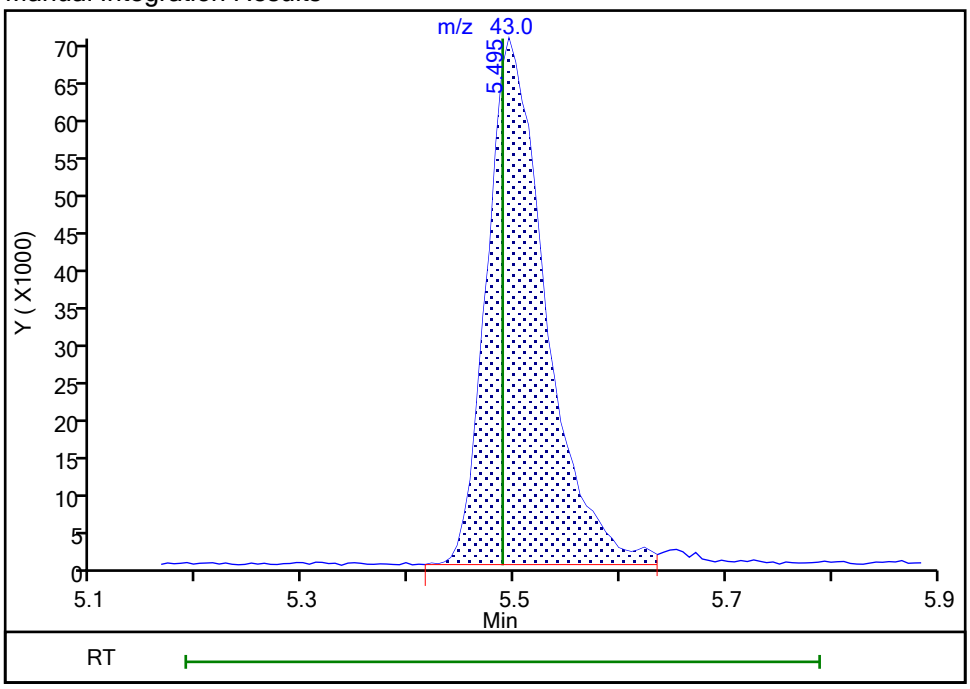
Not Detected
Expected RT: 5.49

Processing Integration Results



Manual Integration Results

RT: 5.49
Area: 274291
Amount: 92.552158
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:59:36
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

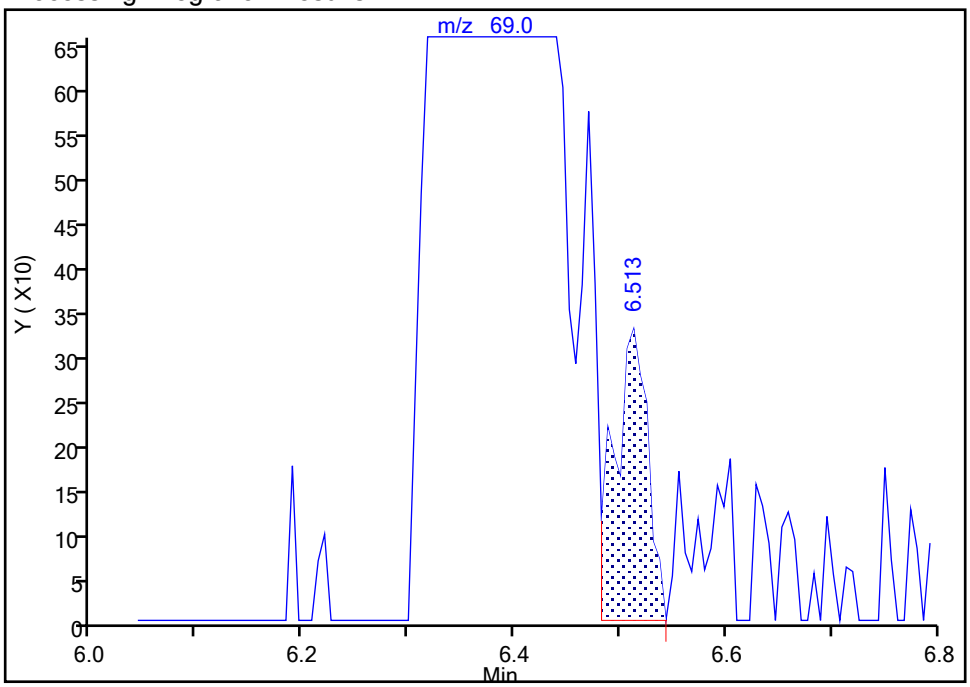
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

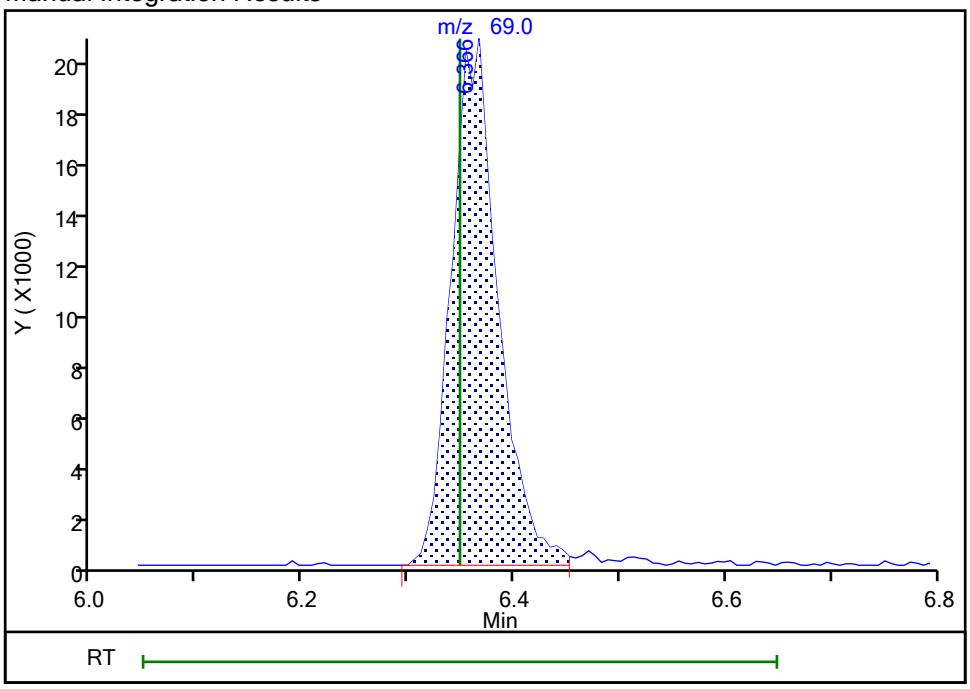
Processing Integration Results

RT: 6.51
Area: 727
Amount: 0.195185
Amount Units: ug/l



Manual Integration Results

RT: 6.37
Area: 64198
Amount: 17.235883
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:59:49
Audit Action: Assigned Compound ID Audit Reason: Split Peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-774667/3 Calibration Date: 04/29/2021 06:17

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B71505.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodifluoromethane	Qua2		0.0701		18.2	20.0	-8.9	20.0
Dichlorodifluoromethane	Ave	0.6066	0.5670	0.1000	18.7	20.0	-6.5	20.0
Chloromethane	Ave	0.5769	0.4780	0.1000	16.6	20.0	-17.1	20.0
Butadiene	Ave	0.3817	0.3141		16.5	20.0	-17.7	20.0
Vinyl chloride	Ave	0.4156	0.3893	0.1000	18.7	20.0	-6.3	20.0
Bromomethane	Ave	0.3172	0.3237	0.1000	20.4	20.0	2.1	50.0
Chloroethane	Ave	0.2347	0.1990	0.1000	17.0	20.0	-15.2	50.0
Dichlorofluoromethane	Ave	0.6039	0.5541		18.4	20.0	-8.2	20.0
Pentane	Ave	0.0492	0.0505		41.0	40.0	2.6	20.0
Trichlorofluoromethane	Ave	0.5746	0.6657	0.1000	23.2	20.0	15.9	20.0
Ethanol	QuaF		0.0218		759	800	-5.1	50.0
Ethyl ether	Ave	0.2076	0.1875		18.1	20.0	-9.7	20.0
2-Methyl-1,3-butadiene	Ave	0.2769	0.2328		16.8	20.0	-15.9	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3128	0.3263		20.9	20.0	4.3	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4762	0.4278		18.0	20.0	-10.2	20.0
Acrolein	Ave	1.301	0.9060		209	300	-30.3	50.0
1,1-Dichloroethene	Ave	0.2982	0.3357	0.1000	22.5	20.0	12.6	20.0
Acetone	Ave	0.7710	0.7601	0.0500	98.6	100	-1.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3436	0.3885	0.1000	22.6	20.0	13.1	20.0
Iodomethane	Ave	0.6215	0.7572		24.4	20.0	21.8*	20.0
Carbon disulfide	Ave	1.071	1.137	0.1000	21.2	20.0	6.2	50.0
Isopropyl alcohol	Ave	0.6669	0.4763		143	200	-28.6	50.0
3-Chloro-1-propene	Ave	0.3733	0.3278		17.6	20.0	-12.2	20.0
Methyl acetate	Ave	0.1904	0.1700	0.1000	35.7	40.0	-10.7	20.0
Acetonitrile	Ave	0.8764	0.6215		142	200	-29.1*	20.0
Methylene Chloride	Ave	0.3243	0.3574	0.1000	22.0	20.0	10.2	20.0
2-Methyl-2-propanol	Ave	1.236	1.314		213	200	6.3	50.0
Acrylonitrile	Ave	4.351	2.923		134	200	-32.8*	20.0
trans-1,2-Dichloroethene	Ave	0.3308	0.3578	0.1000	21.6	20.0	8.1	20.0
Methyl tert-butyl ether	Ave	0.8568	0.7890	0.1000	18.4	20.0	-7.9	20.0
Hexane	Ave	0.4697	0.4115		17.5	20.0	-12.4	20.0
1,1-Dichloroethane	Ave	0.5777	0.5129	0.2000	17.8	20.0	-11.2	20.0
Vinyl acetate	Ave	0.4697	0.6476		55.1	40.0	37.9*	20.0
2-Chloro-1,3-butadiene	Ave	0.2843	0.3111		21.9	20.0	9.4	20.0
Isopropyl ether	Ave	0.9850	0.7365		15.0	20.0	-25.2*	20.0
Tert-butyl ethyl ether	Ave	0.3531	0.3688		20.9	20.0	4.5	20.0
cis-1,2-Dichloroethene	Ave	0.3454	0.3833	0.1000	22.2	20.0	11.0	20.0
2,2-Dichloropropane	Ave	0.1571	0.1705		21.7	20.0	8.5	20.0
2-Butanone (MEK)	Ave	0.3503	0.3775	0.0500	108	100	7.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-774667/3 Calibration Date: 04/29/2021 06:17

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B71505.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	0.3324	0.3736		225	200	12.4	20.0
Ethyl acetate	Ave	0.2368	0.3305		55.8	40.0	39.6*	20.0
Methyl acrylate	Ave	0.2857	0.2346		16.4	20.0	-17.9	20.0
Chlorobromomethane	Ave	0.1789	0.2058		23.0	20.0	15.0	20.0
Methacrylonitrile	Ave	0.1017	0.0993		195	200	-2.3	20.0
Tetrahydrofuran	QuaF		0.4756		49.2	40.0	23.0*	20.0
Chloroform	Ave	0.5627	0.5773	0.2000	20.5	20.0	2.6	20.0
1,1,1-Trichloroethane	Ave	0.5196	0.5924	0.1000	22.8	20.0	14.0	20.0
Cyclohexane	Ave	0.5054	0.4991	0.1000	19.8	20.0	-1.2	50.0
Carbon tetrachloride	Ave	0.4605	0.5547	0.1000	24.1	20.0	20.5*	20.0
1,1-Dichloropropene	Ave	0.4322	0.4164		19.3	20.0	-3.7	20.0
Benzene	Ave	1.547	1.470	0.5000	19.0	20.0	-5.0	20.0
1,2-Dichloroethane	Ave	0.3931	0.3964	0.1000	20.2	20.0	0.8	20.0
Isobutyl alcohol	Ave	0.2535	0.2109		416	500	-16.8	50.0
Tert-amyl methyl ether	Ave	0.9411	0.9447		20.1	20.0	0.4	20.0
Isopropyl acetate	Ave	1.191	1.069		18.0	20.0	-10.2	20.0
n-Heptane	Ave	0.5703	0.3984		14.0	20.0	-30.1*	20.0
Trichloroethene	Ave	0.3237	0.3385	0.2000	20.9	20.0	4.6	20.0
n-Butanol	QuaF		0.0594		379	500	-24.2	50.0
Methylcyclohexane	Ave	0.5887	0.5834	0.1000	19.8	20.0	-0.9	50.0
Ethyl acrylate	Ave	0.7676	0.6529		17.0	20.0	-14.9	20.0
1,2-Dichloropropane	Ave	0.3142	0.2622	0.1000	16.7	20.0	-16.6	20.0
Dibromomethane	Ave	0.1834	0.1867		20.4	20.0	1.8	20.0
1,4-Dioxane	Ave	1.164	1.172		403	400	0.7	50.0
Methyl methacrylate	Ave	0.0641	0.0730		45.6	40.0	13.9	20.0
Dichlorobromomethane	Ave	0.4013	0.3961	0.2000	19.7	20.0	-1.3	20.0
n-Propyl acetate	Ave	0.3538	0.2331		13.2	20.0	-34.1*	20.0
2-Nitropropane	Ave	0.0583	0.0480		33.0	40.0	-17.6	20.0
2-Chloroethyl vinyl ether	QuaF		0.0194		16.9	20.0	-15.7	20.0
Epichlorohydrin	QuaF		0.2358		634	400	58.5*	20.0
cis-1,3-Dichloropropene	Ave	0.5638	0.5158	0.2000	18.3	20.0	-8.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.884	2.394	0.0500	83.0	100	-17.0	50.0
Toluene	Ave	1.666	1.549	0.4000	18.6	20.0	-7.1	20.0
trans-1,3-Dichloropropene	Ave	0.4938	0.4363	0.1000	17.7	20.0	-11.6	50.0
1,1,2-Trichloroethane	Ave	0.2641	0.2286	0.1000	17.3	20.0	-13.4	20.0
Ethyl methacrylate	Ave	0.3161	0.2536		16.0	20.0	-19.8	20.0
Tetrachloroethene	Ave	0.4757	0.5665	0.2000	23.8	20.0	19.1	20.0
1,3-Dichloropropane	Ave	0.5319	0.4595		17.3	20.0	-13.6	20.0
2-Hexanone	Ave	1.886	1.548	0.0500	82.1	100	-17.9	50.0
Chlorodibromomethane	Ave	0.3701	0.3941	0.1000	21.3	20.0	6.5	50.0
Ethylene Dibromide	Ave	0.3186	0.3260	0.1000	20.5	20.0	2.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-774667/3 Calibration Date: 04/29/2021 06:17

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B71505.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.0793	0.0611		15.4	20.0	-22.9*	20.0
Chlorobenzene	Ave	1.075	1.069	0.5000	19.9	20.0	-0.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4078	0.4600		22.6	20.0	12.8	20.0
Ethylbenzene	Ave	0.5888	0.5808	0.1000	19.7	20.0	-1.4	20.0
m-Xylene & p-Xylene	Ave	0.7041	0.7198	0.1000	20.4	20.0	2.2	20.0
o-Xylene	Ave	0.7022	0.7224	0.3000	20.6	20.0	2.9	20.0
Styrene	Ave	1.164	1.093	0.3000	18.8	20.0	-6.2	20.0
n-Butyl acrylate	Ave	0.2251	0.1992		17.7	20.0	-11.5	20.0
Bromoform	Ave	0.2689	0.3092	0.1000	23.0	20.0	15.0	20.0
Amyl acetate (mixed isomers)	Ave	0.9001	0.5386		12.0	20.0	-40.2*	20.0
Isopropylbenzene	Ave	1.909	1.974	0.1000	20.7	20.0	3.4	20.0
Bromobenzene	Ave	0.8263	0.8215		19.9	20.0	-0.6	20.0
1,2,3-Trichloropropane	Ave	0.2163	0.1717		15.9	20.0	-20.6*	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7344	0.5465	0.3000	14.9	20.0	-25.6*	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1757	0.1420		16.2	20.0	-19.2	20.0
N-Propylbenzene	Ave	0.9053	0.8188		18.1	20.0	-9.6	20.0
2-Chlorotoluene	Ave	0.7996	0.7263		18.2	20.0	-9.2	20.0
4-Ethyltoluene	Ave	3.103	2.597		16.7	20.0	-16.3	20.0
4-Chlorotoluene	Ave	2.673	2.166		16.2	20.0	-19.0	20.0
1,3,5-Trimethylbenzene	Ave	2.704	2.363		17.5	20.0	-12.6	20.0
Butyl Methacrylate	QuaF		0.6032		15.0	20.0	-24.8*	20.0
tert-Butylbenzene	Ave	2.184	2.161		19.8	20.0	-1.1	20.0
1,2,4-Trimethylbenzene	Ave	2.762	2.412		17.5	20.0	-12.6	20.0
sec-Butylbenzene	Ave	3.550	3.114		17.5	20.0	-12.3	20.0
1,3-Dichlorobenzene	Ave	1.657	1.573	0.6000	19.0	20.0	-5.1	20.0
1,4-Dichlorobenzene	Ave	1.679	1.602	0.5000	19.1	20.0	-4.6	20.0
4-Isopropyltoluene	Ave	3.105	2.825		18.2	20.0	-9.0	20.0
1,2,3-Trimethylbenzene	Ave	2.830	2.503		17.7	20.0	-11.5	20.0
Benzyl chloride	QuaF		0.2624		23.7	20.0	18.7	50.0
Indan	Ave	1.310	1.414		21.6	20.0	7.9	20.0
1,2-Dichlorobenzene	Ave	1.609	1.597	0.4000	19.9	20.0	-0.7	20.0
p-Diethylbenzene	Ave	1.667	1.578		18.9	20.0	-5.3	20.0
n-Butylbenzene	Ave	1.761	1.426		16.2	20.0	-19.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1587	0.1901	0.0500	24.0	20.0	19.8	50.0
1,2,4,5-Tetramethylbenzene	Ave	2.885	2.868		19.9	20.0	-0.6	20.0
1,3,5-Trichlorobenzene	Ave	1.443	1.646		22.8	20.0	14.1	20.0
1,2,4-Trichlorobenzene	Ave	1.315	1.540	0.2000	23.4	20.0	17.1	20.0
Hexachlorobutadiene	Ave	0.7417	0.8993		24.2	20.0	21.2*	20.0
Naphthalene	Ave	2.608	3.078		23.6	20.0	18.0	50.0
1,2,3-Trichlorobenzene	Ave	1.261	1.572		24.9	20.0	24.7*	20.0
Dibromofluoromethane (Surr)	Ave	0.2844	0.2965		52.1	50.0	4.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-774667/3 Calibration Date: 04/29/2021 06:17

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B71505.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.2933	0.2800		47.7	50.0	-4.5	20.0
Toluene-d8 (Surr)	Ave	1.328	1.141		43.0	50.0	-14.1	20.0
4-Bromofluorobenzene	Ave	0.7776	0.6970		44.8	50.0	-10.4	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 29-Apr-2021 06:17:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0127791-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 29-Apr-2021 10:50:11 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: delpolitov Date: 29-Apr-2021 10:50:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.673	0.673	0.000	86	107089	NC	NC	
4 Chlorodifluoromethane	67	0.679	0.679	0.000	96	16385	20.0	18.2	
3 Dichlorodifluoromethane	85	0.697	0.697	0.000	95	132549	20.0	18.7	a
5 Chloromethane	50	0.752	0.752	0.000	98	111758	20.0	16.6	M
6 Butadiene	54	0.782	0.782	0.000	91	73433	20.0	16.5	
7 Vinyl chloride	62	0.801	0.801	0.000	97	91005	20.0	18.7	
8 Bromomethane	94	0.916	0.916	0.000	97	75681	20.0	20.4	
9 Chloroethane	64	0.947	0.947	0.000	98	46516	20.0	17.0	
10 Dichlorofluoromethane	67	1.044	1.044	0.000	98	129534	20.0	18.4	
12 Pentane	72	1.069	1.069	0.000	94	23595	40.0	41.0	
11 Trichlorofluoromethane	101	1.081	1.081	0.000	72	155630	20.0	23.2	
14 Ethanol	46	1.154	1.154	0.000	67	5511	800.0	759.0	
13 Ethyl ether	59	1.179	1.179	0.000	55	43824	20.0	18.1	
15 2-Methyl-1,3-butadiene	53	1.191	1.191	0.000	87	54435	20.0	16.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.209	1.209	0.000	77	76285	20.0	20.9	M
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.233	1.233	0.000	90	100017	20.0	18.0	a
18 Acrolein	56	1.240	1.240	0.000	95	85865	300.0	209.0	
19 1,1-Dichloroethene	96	1.294	1.294	0.000	96	78485	20.0	22.5	
21 Acetone	43	1.319	1.319	0.000	86	68796	100.0	98.6	
20 112TCTFE	101	1.325	1.325	0.000	92	90834	20.0	22.6	a
22 Iodomethane	142	1.361	1.361	0.000	99	177016	20.0	24.4	
23 Carbon disulfide	76	1.392	1.392	0.000	99	265913	20.0	21.2	
24 Isopropyl alcohol	45	1.422	1.422	0.000	96	30093	200.0	142.9	
25 3-Chloro-1-propene	39	1.483	1.483	0.000	95	76625	20.0	17.6	
26 Methyl acetate	43	1.508	1.508	0.000	97	79467	40.0	35.7	
27 Acetonitrile	39	1.520	1.520	0.000	80	39269	200.0	141.8	a
28 Methylene Chloride	84	1.557	1.557	0.000	82	83556	20.0	22.0	
* 29 TBA-d9 (IS)	65	1.636	1.636	0.000	0	315898	1000.0	1000.0	
30 2-Methyl-2-propanol	59	1.678	1.678	0.000	91	83012	200.0	212.5	a
31 Acrylonitrile	53	1.703	1.703	0.000	93	184690	200.0	134.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.709	1.709	0.000	90	83639	20.0	21.6	
33 Methyl tert-butyl ether	73	1.733	1.733	0.000	97	184460	20.0	18.4	
34 Hexane	57	1.898	1.898	0.000	92	96211	20.0	17.5	
35 1,1-Dichloroethane	63	1.989	1.989	0.000	99	119907	20.0	17.8	
36 Vinyl acetate	86	2.038	2.038	0.000	99	23446	40.0	55.1	
37 2-Chloro-1,3-butadiene	88	2.050	2.050	0.000	72	72741	20.0	21.9	
38 Isopropyl ether	45	2.063	2.063	0.000	81	172185	20.0	15.0	
39 Tert-butyl ethyl ether	87	2.331	2.331	0.000	92	86226	20.0	20.9	
* 40 2-Butanone-d5	46	2.392	2.392	0.000	0	226271	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.410	2.410	0.000	96	89604	20.0	22.2	
42 2,2-Dichloropropane	79	2.422	2.422	0.000	70	39861	20.0	21.7	a
43 2-Butanone (MEK)	72	2.453	2.453	0.000	98	34170	100.0	107.8	
44 Propionitrile	54	2.489	2.489	0.000	95	67626	200.0	224.8	
45 Ethyl acetate	70	2.514	2.514	0.000	99	11967	40.0	55.8	
62 Methyl acrylate	55	2.526	2.526	0.000	95	54837	20.0	16.4	a
46 Chlorobromomethane	128	2.593	2.593	0.000	60	48113	20.0	23.0	
47 Methacrylonitrile	67	2.599	2.599	0.000	84	232227	200.0	195.4	
48 Tetrahydrofuran	72	2.648	2.648	0.000	70	17218	40.0	49.2	
49 Chloroform	83	2.690	2.690	0.000	98	134961	20.0	20.5	
$ 50 Dibromofluoromethane (Surr)	113	2.825	2.825	0.000	99	173296	50.0	52.1	
51 1,1,1-Trichloroethane	97	2.831	2.831	0.000	76	138504	20.0	22.8	
52 Cyclohexane	84	2.873	2.873	0.000	85	116689	20.0	19.8	
53 Carbon tetrachloride	117	2.971	2.971	0.000	97	129689	20.0	24.1	
54 1,1-Dichloropropene	75	2.977	2.977	0.000	93	97348	20.0	19.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.117	3.117	0.000	0	163674	50.0	47.7	
56 Benzene	78	3.160	3.160	0.000	94	278652	20.0	19.0	
57 1,2-Dichloroethane	62	3.190	3.190	0.000	99	92672	20.0	20.2	
58 Isobutyl alcohol	42	3.227	3.227	0.000	32	33315	500.0	415.9	Ma
59 Tert-amyl methyl ether	73	3.331	3.331	0.000	92	220854	20.0	20.1	
73 Isopropyl acetate	43	3.337	3.337	0.000	96	249959	20.0	18.0	
* 60 Fluorobenzene	96	3.459	3.459	0.000	99	584457	50.0	50.0	
61 n-Heptane	43	3.507	3.507	0.000	88	93149	20.0	14.0	
63 Trichloroethene	95	3.867	3.867	0.000	92	79135	20.0	20.9	
64 n-Butanol	43	4.001	4.001	0.000	85	9381	500.0	378.9	a
65 Methylcyclohexane	83	4.074	4.074	0.000	91	136387	20.0	19.8	
66 Ethyl acrylate	55	4.087	4.087	0.000	93	152640	20.0	17.0	
67 1,2-Dichloropropane	63	4.111	4.111	0.000	93	61291	20.0	16.7	
68 Dibromomethane	93	4.245	4.245	0.000	79	43637	20.0	20.4	
* 69 1,4-Dioxane-d8	96	4.269	4.269	0.000	0	28497	1000.0	1000.0	
70 1,4-Dioxane	88	4.355	4.355	0.000	34	13363	400.0	402.9	
71 Methyl methacrylate	100	4.367	4.367	0.000	94	34120	40.0	45.6	
81 n-Propyl acetate	43	4.489	4.489	0.000	68	54496	20.0	13.2	
72 Dichlorobromomethane	83	4.489	4.489	0.000	98	92610	20.0	19.7	
74 2-Nitropropane	41	4.806	4.806	0.000	100	22437	40.0	33.0	
75 2-Chloroethyl vinyl ether	63	4.989	4.989	0.000	30	4537	20.0	16.9	M
76 Epichlorohydrin	57	5.001	5.001	0.000	98	85370	400.0	634.0	
77 cis-1,3-Dichloropropene	75	5.111	5.111	0.000	91	97802	20.0	18.3	
78 4-Methyl-2-pentanone (MIBK)	43	5.403	5.403	0.000	95	216671	100.0	83.0	a
$ 79 Toluene-d8 (Surr)	98	5.464	5.464	0.000	99	540890	50.0	43.0	
80 Toluene	91	5.556	5.556	0.000	93	293619	20.0	18.6	
82 trans-1,3-Dichloropropene	75	5.983	5.983	0.000	98	82731	20.0	17.7	
83 1,1,2-Trichloroethane	83	6.251	6.251	0.000	94	43338	20.0	17.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.263	6.263	0.000	93	59295	20.0	16.0	
85 Tetrachloroethene	166	6.397	6.397	0.000	95	107399	20.0	23.8	
86 1,3-Dichloropropane	76	6.501	6.501	0.000	91	87121	20.0	17.3	
87 2-Hexanone	43	6.787	6.787	0.000	94	140136	100.0	82.1	
88 Chlorodibromomethane	129	6.854	6.854	0.000	97	74717	20.0	21.3	
89 Ethylene Dibromide	107	6.964	6.964	0.000	99	61806	20.0	20.5	
90 n-Butyl acetate	73	7.116	7.116	0.000	96	11587	20.0	15.4	
* 91 Chlorobenzene-d5	117	7.854	7.854	0.000	82	473995	50.0	50.0	
92 Chlorobenzene	112	7.903	7.903	0.000	97	202727	20.0	19.9	
93 1,1,1,2-Tetrachloroethane	131	8.122	8.122	0.000	95	87217	20.0	22.6	
94 Ethylbenzene	106	8.208	8.208	0.000	97	110117	20.0	19.7	
95 m-Xylene & p-Xylene	106	8.458	8.458	0.000	99	136471	20.0	20.4	
96 o-Xylene	106	9.177	9.177	0.000	95	136964	20.0	20.6	
97 Styrene	104	9.226	9.226	0.000	97	207144	20.0	18.8	
98 n-Butyl acrylate	73	9.409	9.409	0.000	97	37771	20.0	17.7	
99 Bromoform	173	9.470	9.470	0.000	98	58624	20.0	23.0	
101 Amyl acetate (mixed isomers)	43	9.890	9.890	0.000	93	72314	20.0	12.0	
102 Isopropylbenzene	105	9.921	9.921	0.000	94	374251	20.0	20.7	
$ 103 4-Bromofluorobenzene	174	10.128	10.128	0.000	96	233926	50.0	44.8	
104 Bromobenzene	156	10.299	10.299	0.000	85	110285	20.0	19.9	
105 1,2,3-Trichloropropane	110	10.518	10.518	0.000	96	23046	20.0	15.9	
106 1,1,2,2-Tetrachloroethane	83	10.537	10.537	0.000	96	73375	20.0	14.9	
107 trans-1,4-Dichloro-2-butene	53	10.640	10.640	0.000	87	19065	20.0	16.2	
108 N-Propylbenzene	120	10.665	10.665	0.000	99	109931	20.0	18.1	
109 2-Chlorotoluene	126	10.707	10.707	0.000	95	97510	20.0	18.2	
110 4-Ethyltoluene	105	10.884	10.884	0.000	97	348663	20.0	16.7	
111 4-Chlorotoluene	91	10.921	10.921	0.000	96	290815	20.0	16.2	
112 1,3,5-Trimethylbenzene	105	11.018	11.018	0.000	95	317194	20.0	17.5	
100 Butyl Methacrylate	87	11.390	11.390	0.000	91	80977	20.0	15.0	
113 tert-Butylbenzene	119	11.542	11.542	0.000	95	290081	20.0	19.8	
114 1,2,4-Trimethylbenzene	105	11.634	11.634	0.000	96	323863	20.0	17.5	
115 sec-Butylbenzene	105	11.945	11.945	0.000	99	418014	20.0	17.5	
116 1,3-Dichlorobenzene	146	12.024	12.024	0.000	99	211137	20.0	19.0	
* 117 1,4-Dichlorobenzene-d4	152	12.170	12.170	0.000	92	335640	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.213	12.213	0.000	97	215018	20.0	19.1	
119 4-Isopropyltoluene	119	12.292	12.292	0.000	98	379289	20.0	18.2	
120 1,2,3-Trimethylbenzene	105	12.402	12.402	0.000	97	336038	20.0	17.7	
121 Benzyl chloride	126	12.561	12.561	0.000	99	35229	20.0	23.7	
122 2,3-Dihydroindene	117	12.719	12.719	0.000	94	330553	20.0	21.6	
123 1,2-Dichlorobenzene	146	12.871	12.871	0.000	98	214424	20.0	19.9	
124 p-Diethylbenzene	119	12.975	12.975	0.000	95	211810	20.0	18.9	
125 n-Butylbenzene	92	12.999	12.999	0.000	96	191455	20.0	16.2	
126 1,2-Dibromo-3-Chloropropane	157	13.707	13.707	0.000	88	25525	20.0	24.0	
127 1,2,4,5-Tetramethylbenzene	119	13.737	13.737	0.000	98	385018	20.0	19.9	
128 1,3,5-Trichlorobenzene	180	13.877	13.877	0.000	96	221019	20.0	22.8	
129 1,2,4-Trichlorobenzene	180	14.310	14.310	0.000	93	206753	20.0	23.4	
130 Hexachlorobutadiene	225	14.450	14.450	0.000	98	120734	20.0	24.2	
131 Naphthalene	128	14.456	14.456	0.000	99	413257	20.0	23.6	
132 1,2,3-Trichlorobenzene	180	14.615	14.615	0.000	96	211027	20.0	24.9	
S 133 1,2-Dichloroethene, Total	100				0		40.0	43.8	
S 134 1,3-Dichloropropene, Total	100				0		40.0	36.0	
S 135 Xylenes, Total	100				0		40.0	41.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	98.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00418	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00136	Amount Added:	2.00	Units: uL	
524freon_00036	Amount Added:	2.00	Units: uL	
ACROLEIN W_00123	Amount Added:	3.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 29-Apr-2021 10:50:14 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D

Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2 Operator ID:

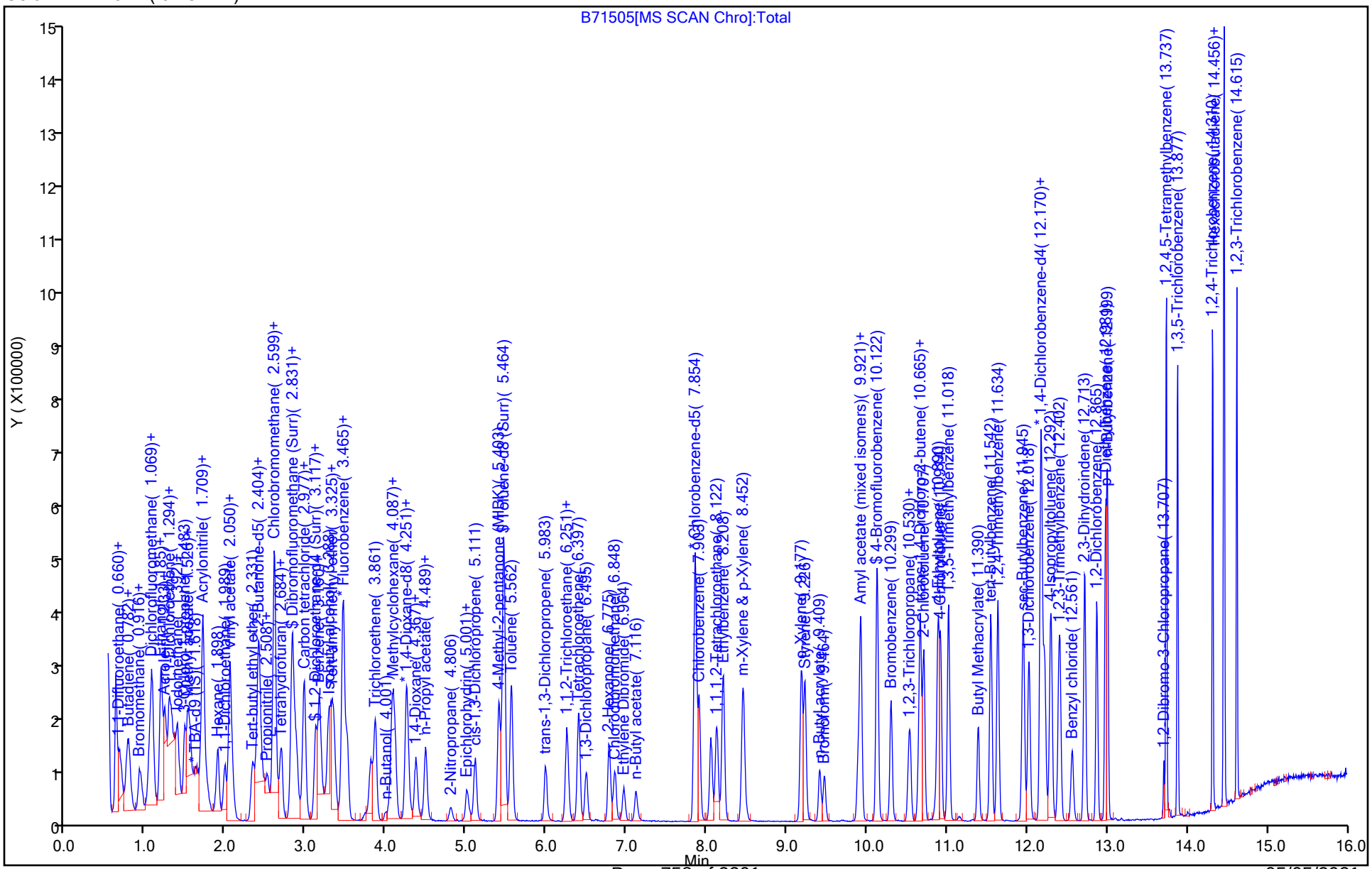
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

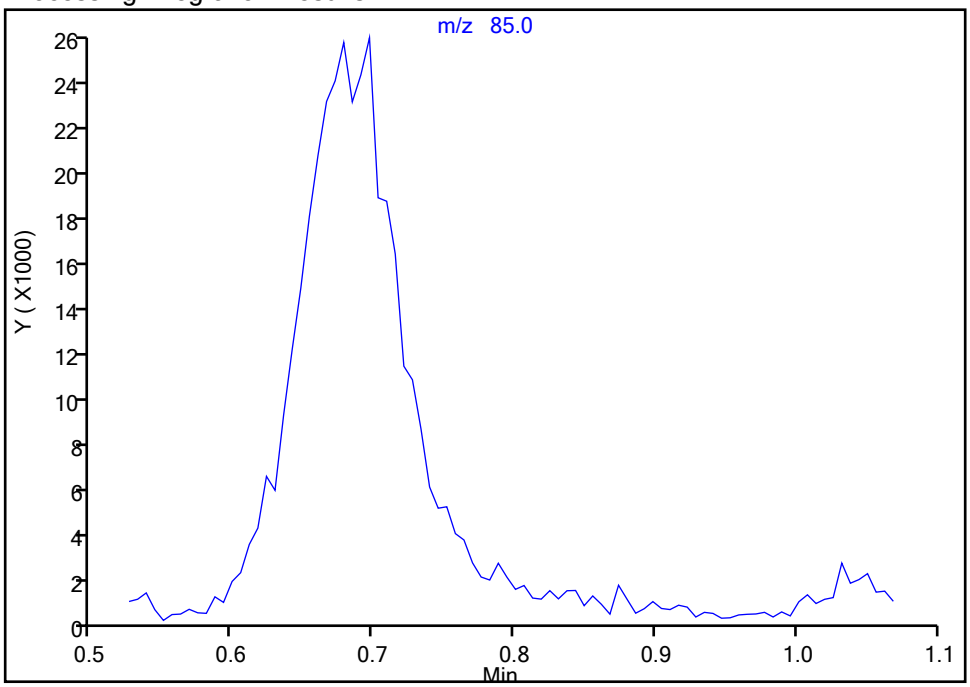
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

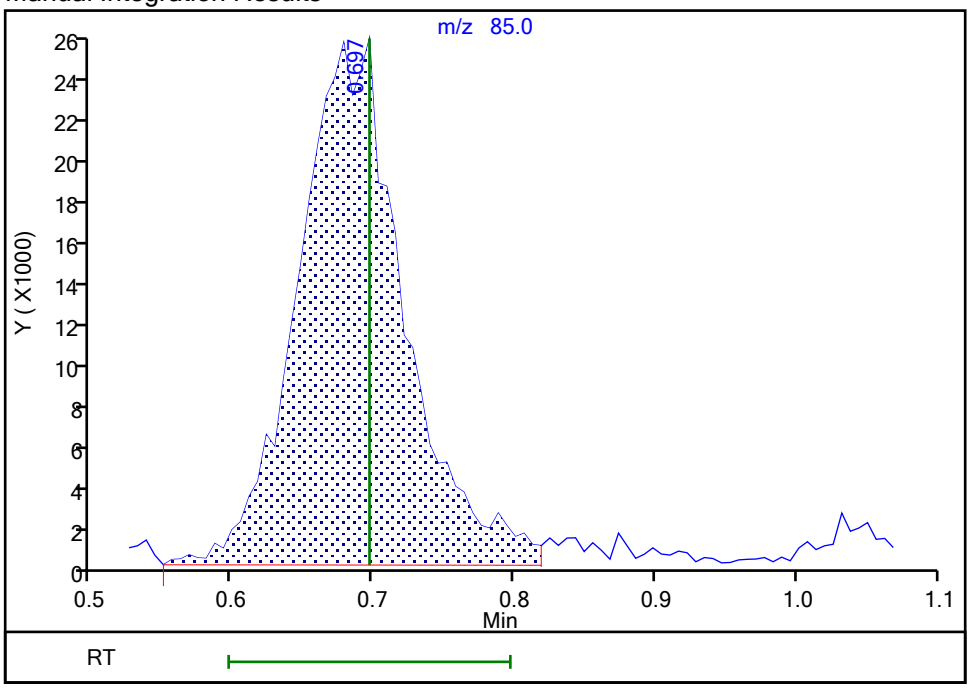
Not Detected
Expected RT: 0.70

Processing Integration Results



Manual Integration Results

RT: 0.70
Area: 132549
Amount: 18.693073
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 06:48:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

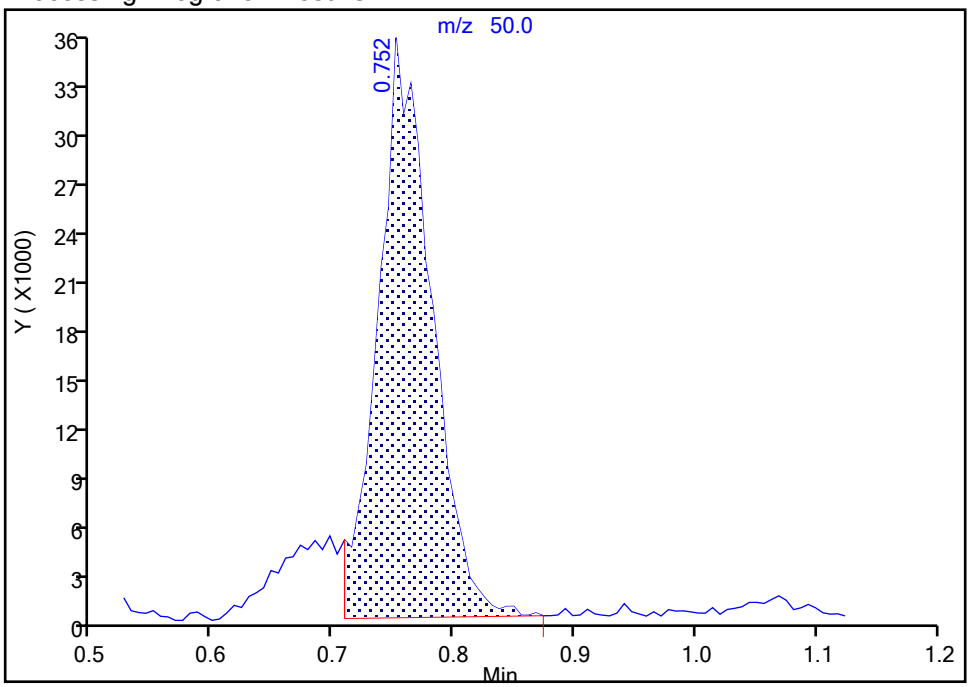
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chloromethane, CAS: 74-87-3

Signal: 1

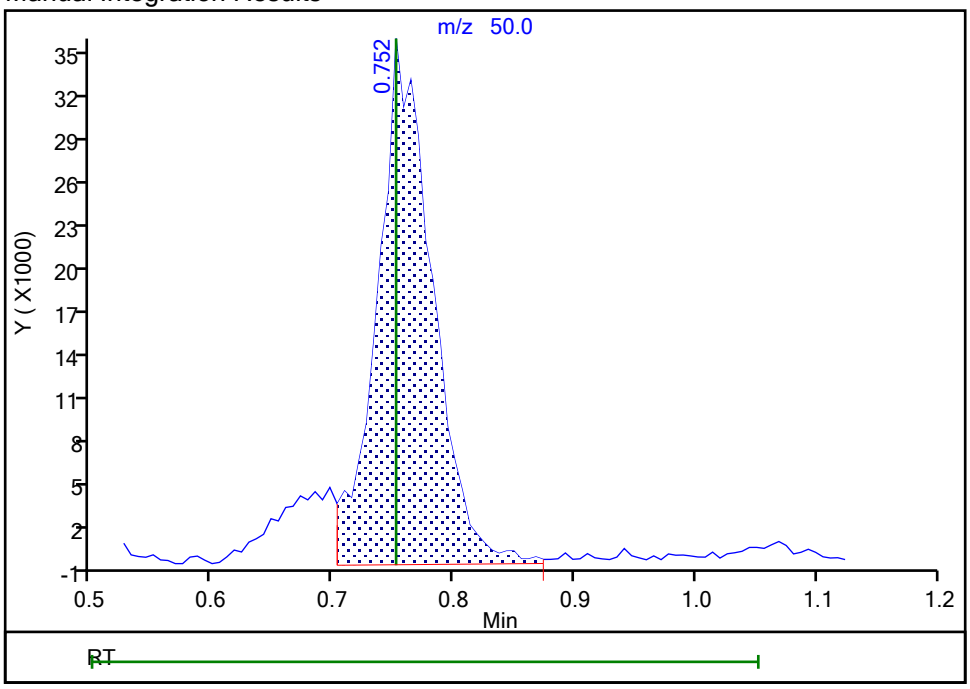
Processing Integration Results

RT: 0.75
Area: 107757
Amount: 15.979841
Amount Units: ug/l



Manual Integration Results

RT: 0.75
Area: 111758
Amount: 16.573170
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 07:25:00
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

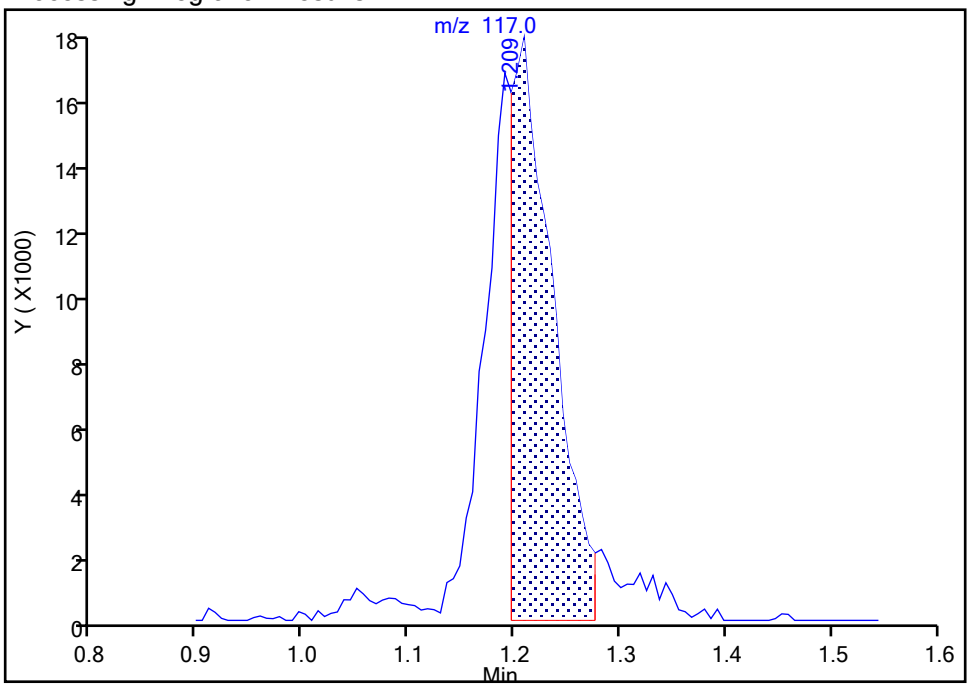
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

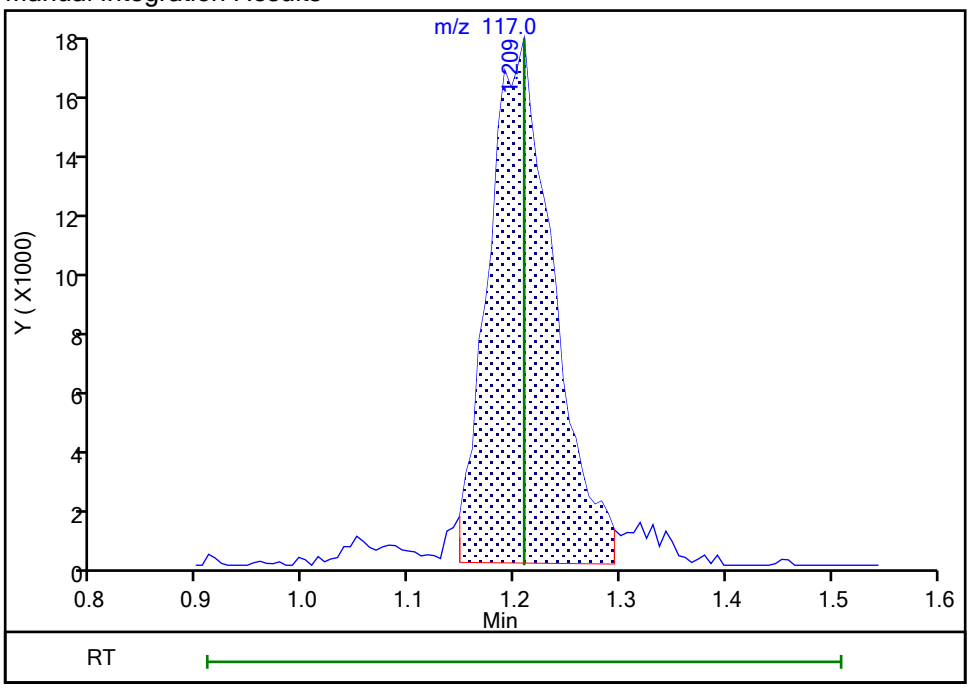
Processing Integration Results

RT: 1.21
Area: 50079
Amount: 13.694965
Amount Units: ug/l



Manual Integration Results

RT: 1.21
Area: 76285
Amount: 20.861447
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 06:48:52
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

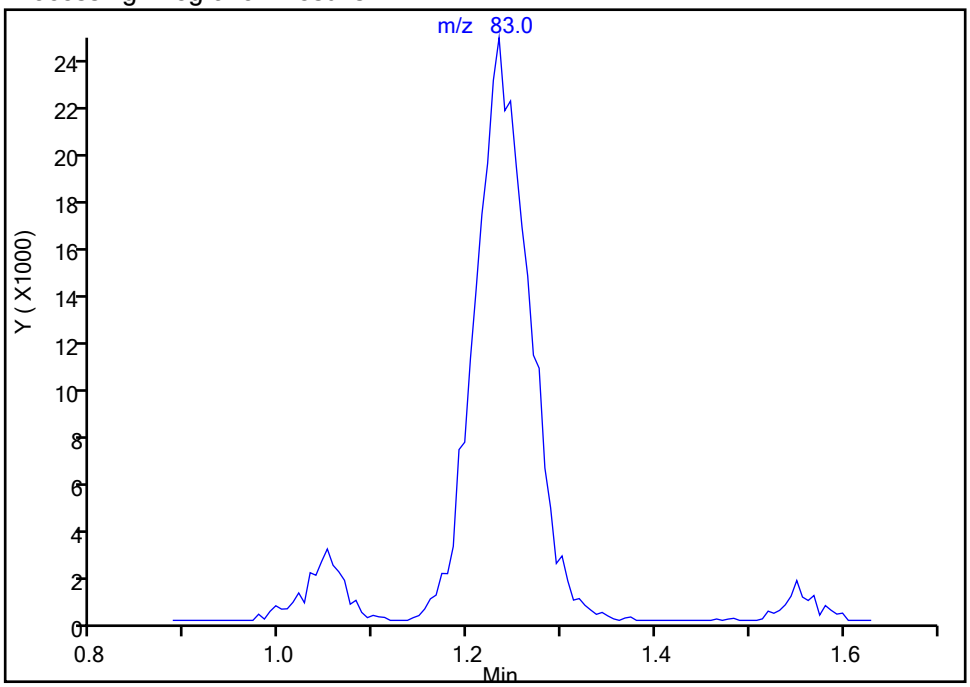
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

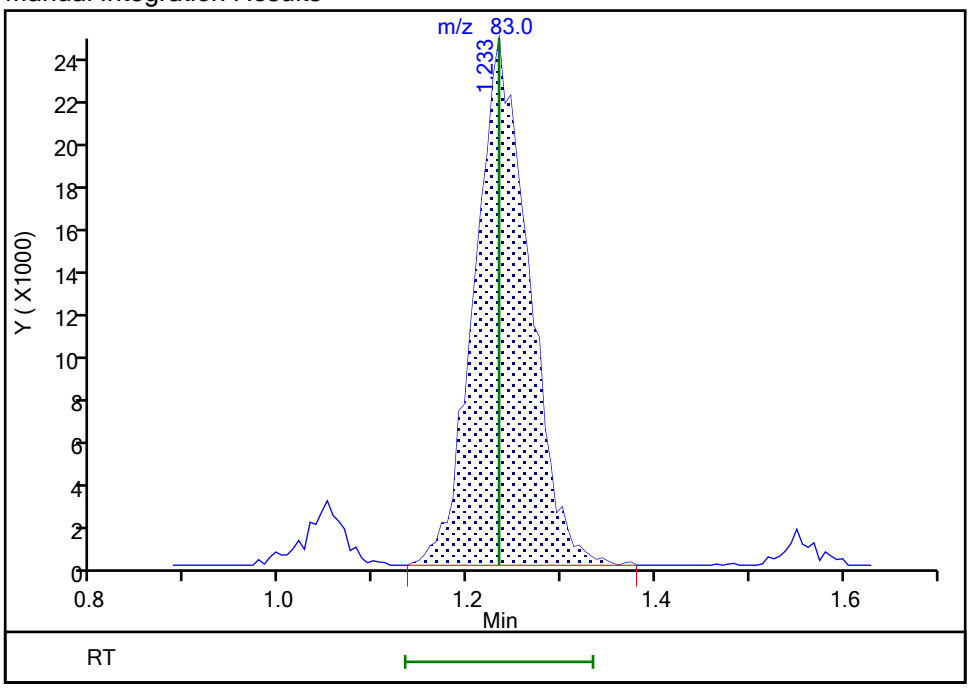
Not Detected
Expected RT: 1.23

Processing Integration Results



Manual Integration Results

RT: 1.23
Area: 100017
Amount: 17.966927
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 06:48:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

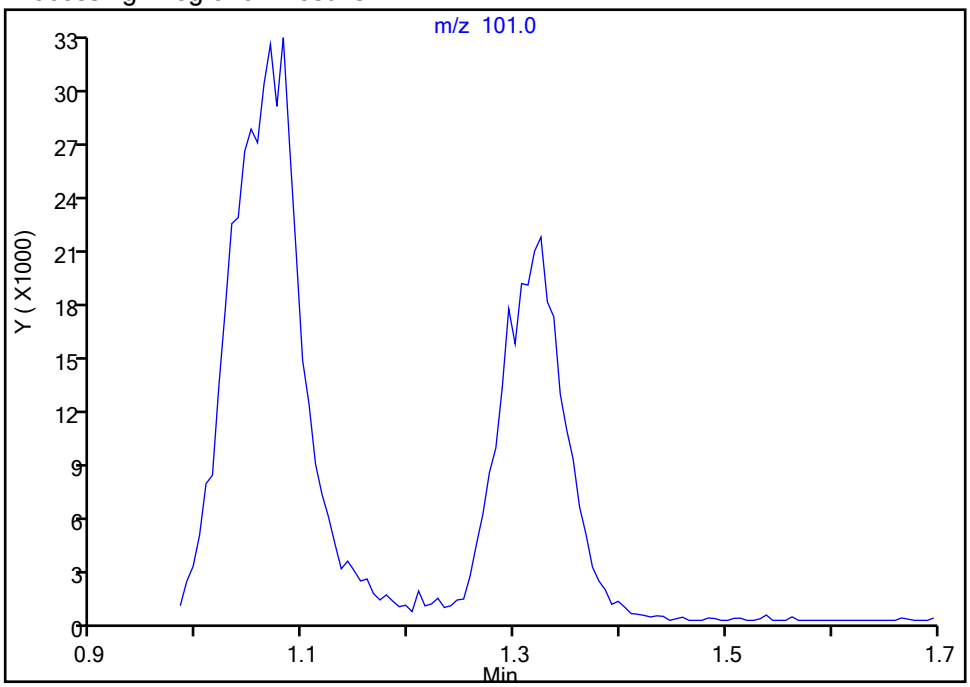
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

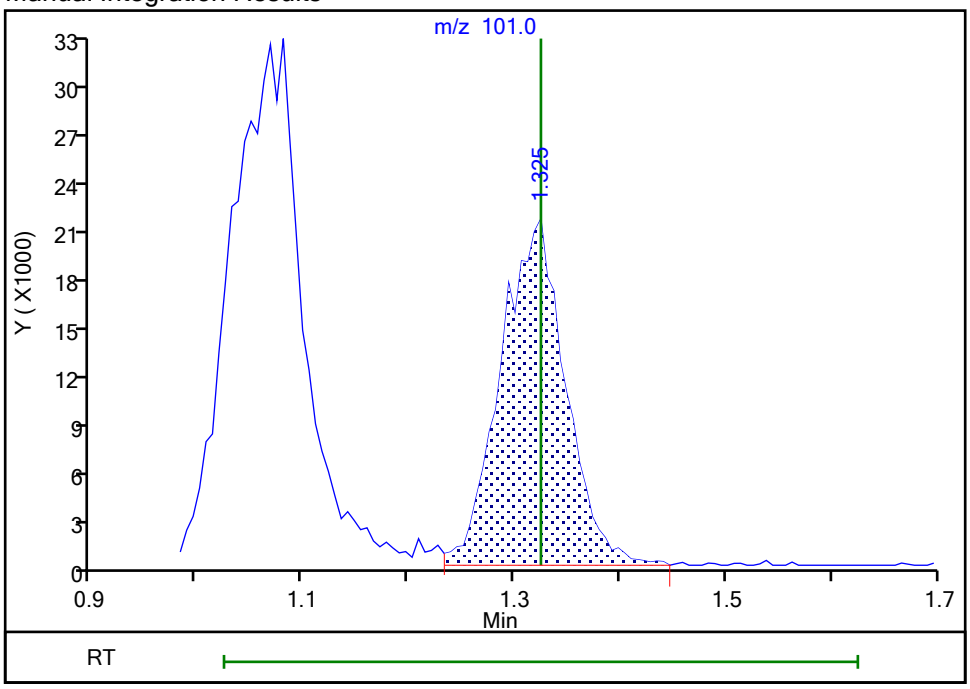
Not Detected
Expected RT: 1.32

Processing Integration Results



Manual Integration Results

RT: 1.32
Area: 90834
Amount: 22.616585
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 06:48:59
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

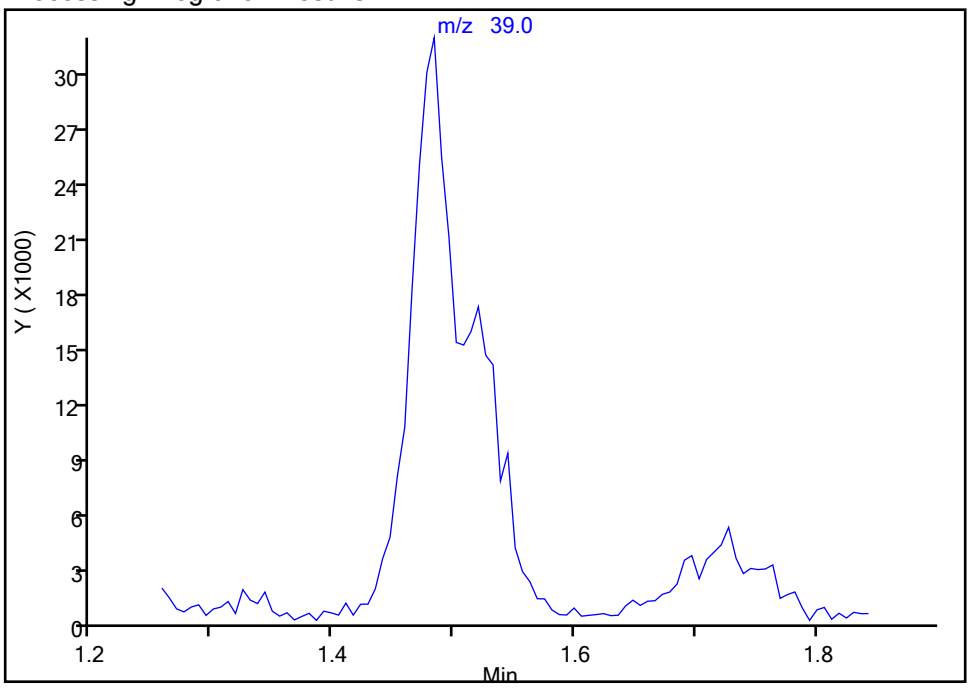
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

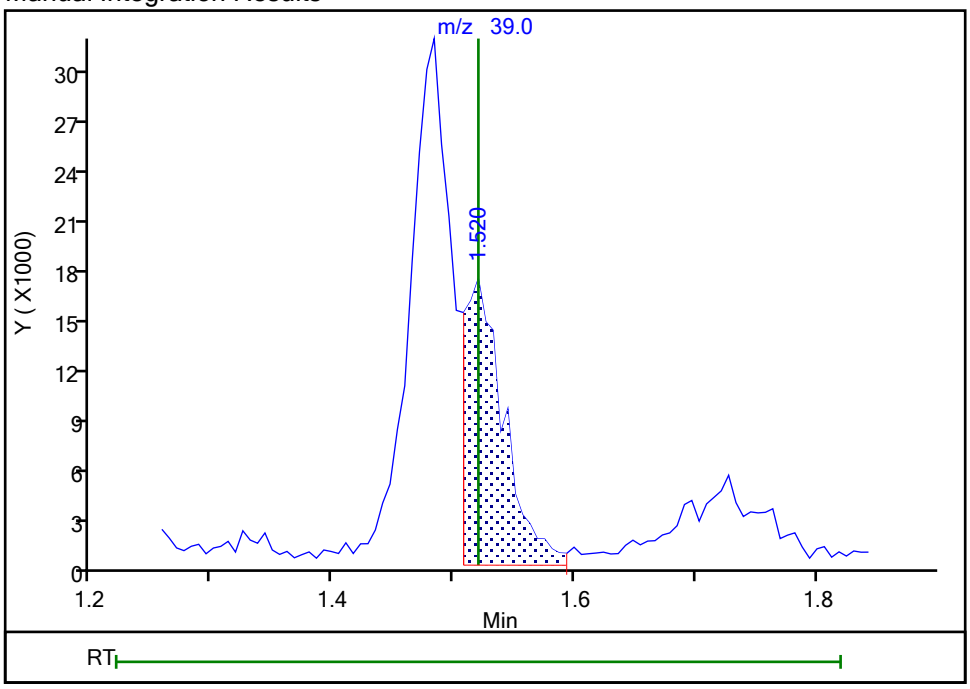
Not Detected
Expected RT: 1.52

Processing Integration Results



Manual Integration Results

RT: 1.52
Area: 39269
Amount: 141.8413
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 06:49:12
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

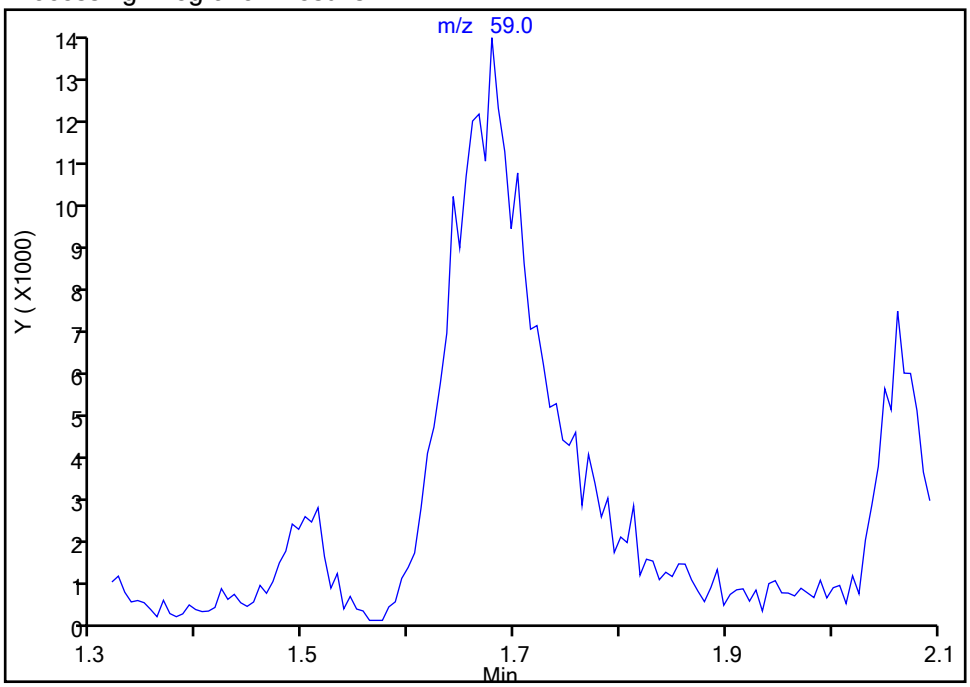
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

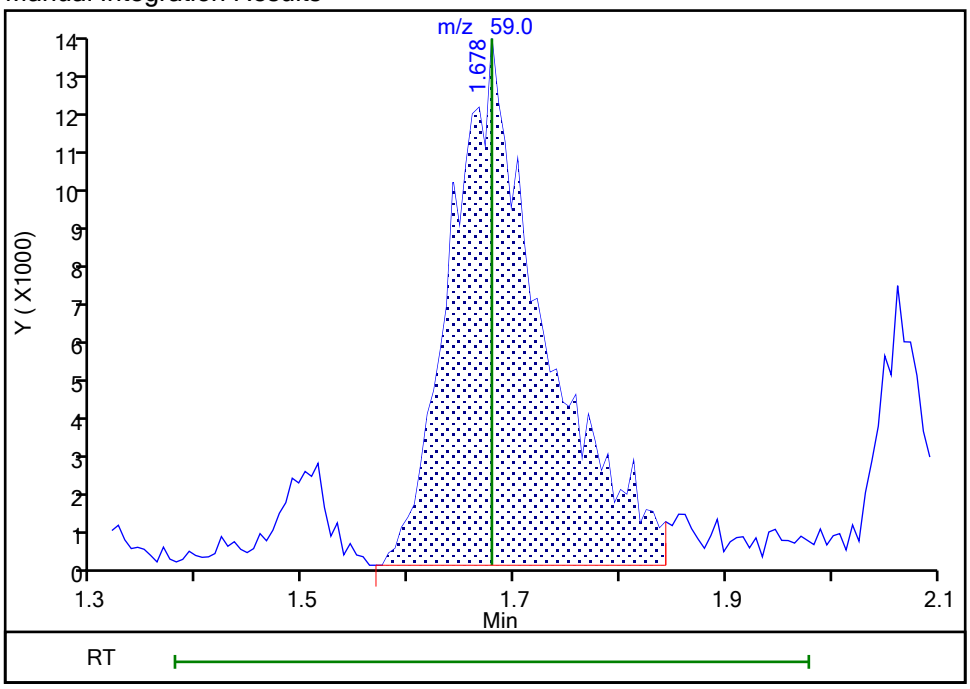
Not Detected
Expected RT: 1.68

Processing Integration Results



Manual Integration Results

RT: 1.68
Area: 83012
Amount: 212.5465
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 06:49:19
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

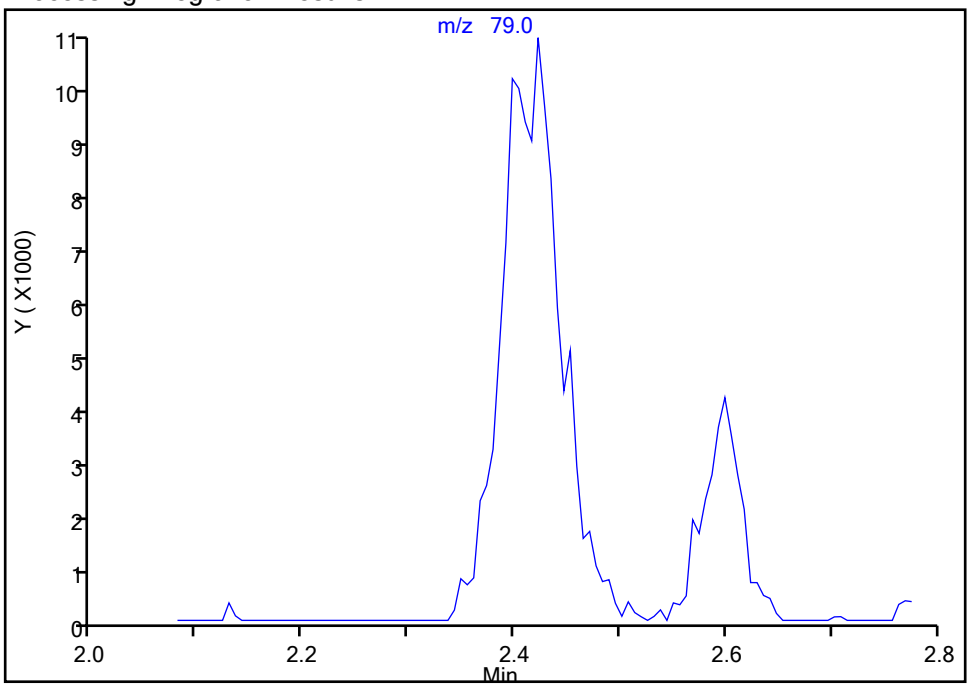
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

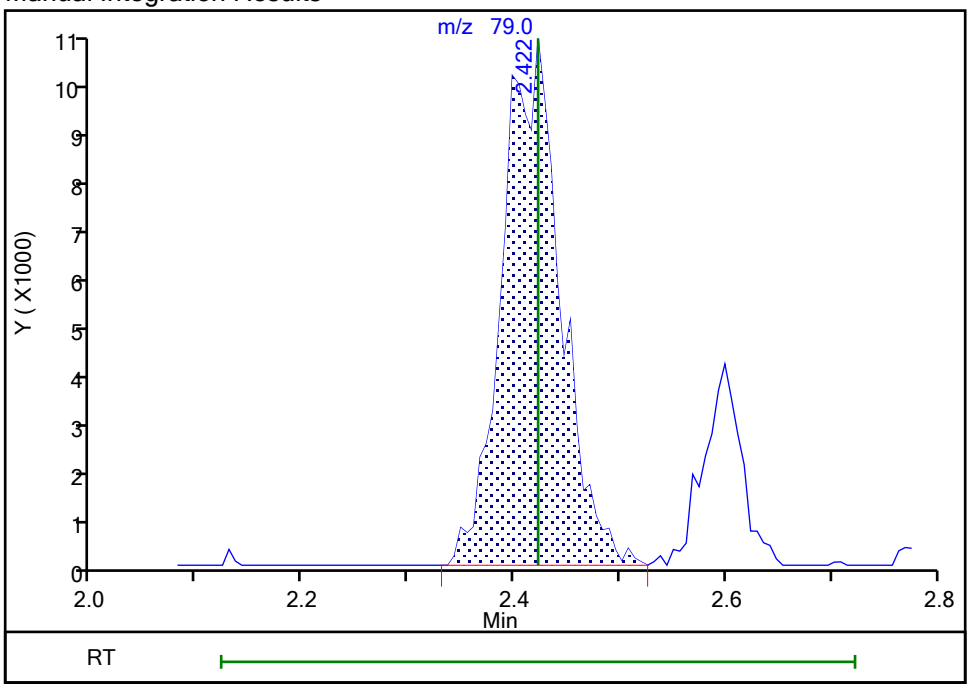
Not Detected
Expected RT: 2.42

Processing Integration Results



Manual Integration Results

RT: 2.42
Area: 39861
Amount: 21.706253
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 06:49:37
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

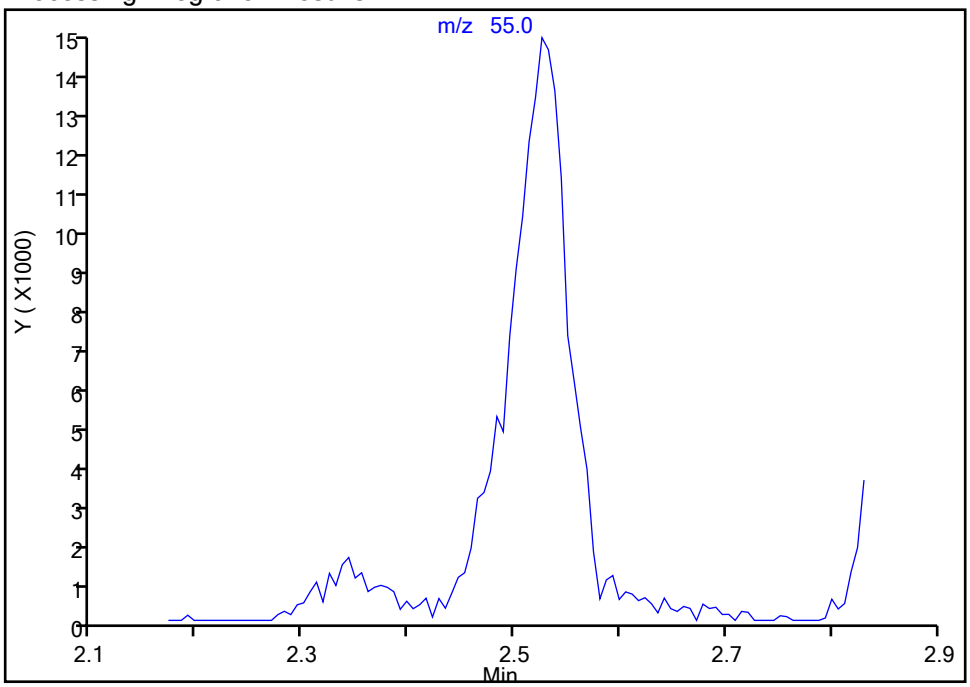
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Methyl acrylate, CAS: 96-33-3

Signal: 1

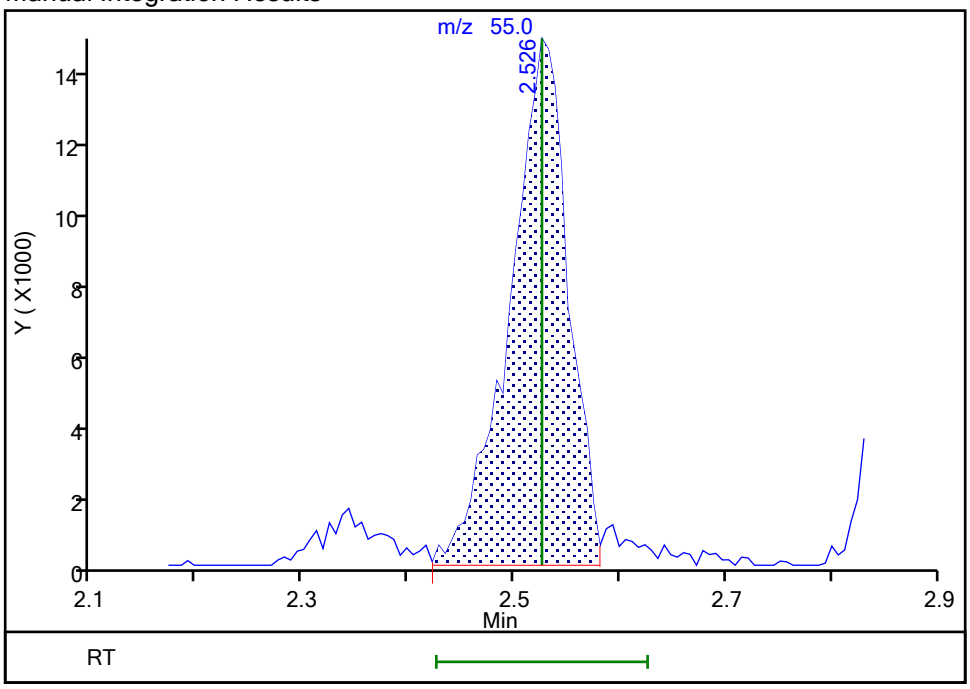
Not Detected
Expected RT: 2.53

Processing Integration Results



Manual Integration Results

RT: 2.53
Area: 54837
Amount: 16.422729
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 06:49:44
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

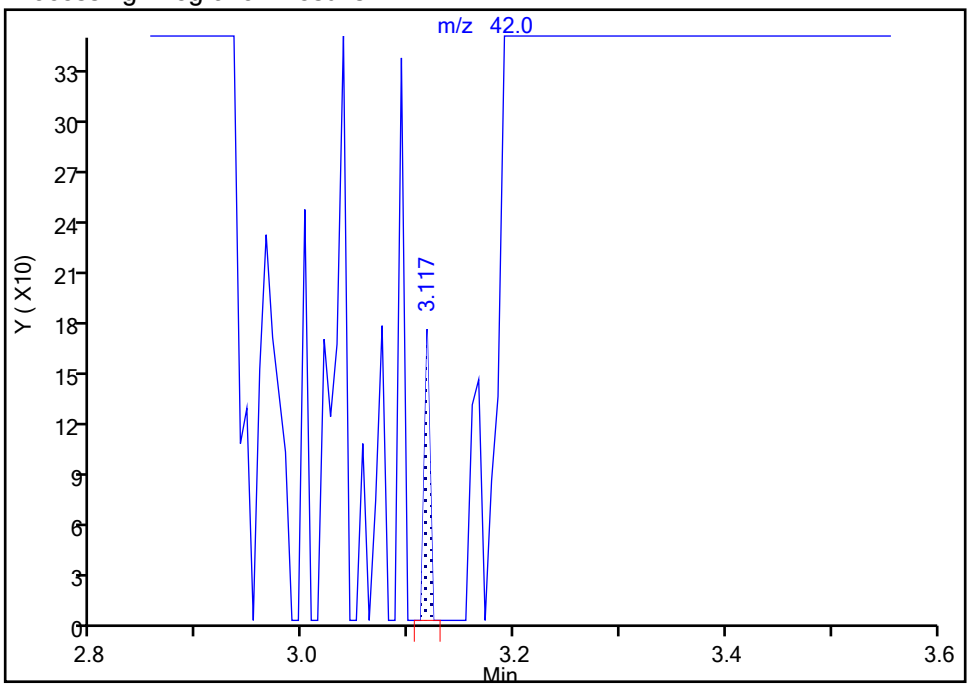
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

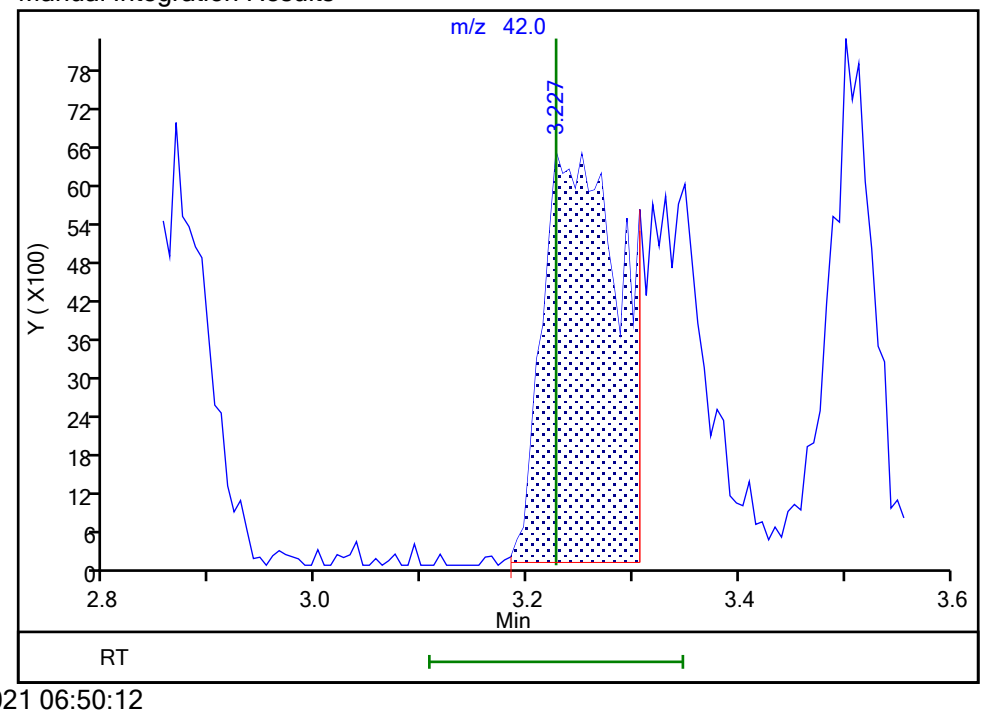
Processing Integration Results

RT: 3.12
Area: 63
Amount: 0.786563
Amount Units: ug/l



Manual Integration Results

RT: 3.23
Area: 33315
Amount: 415.9420
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 06:50:12
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

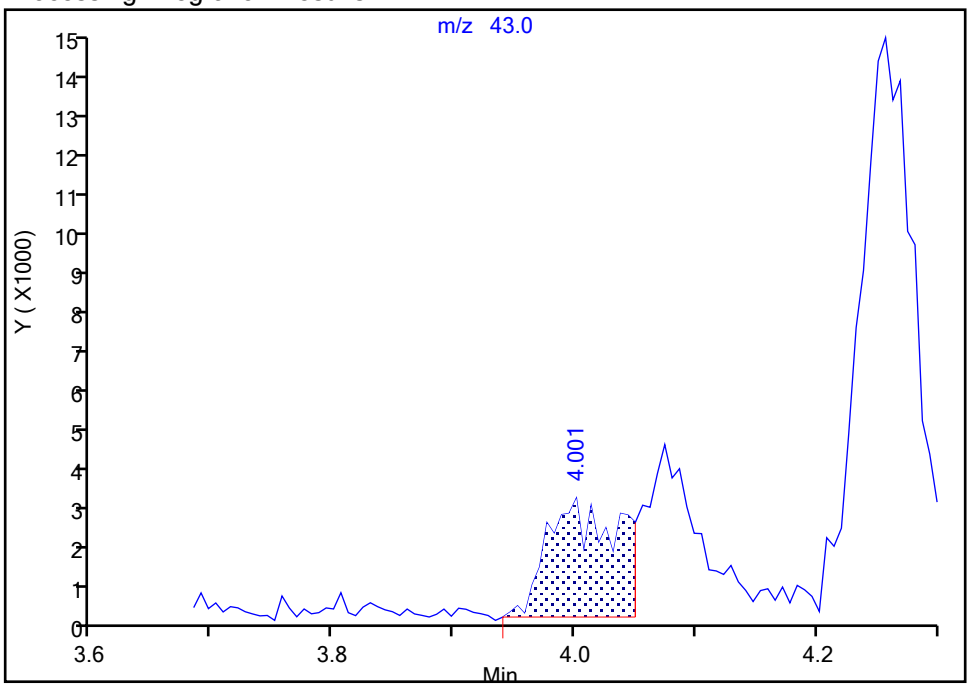
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

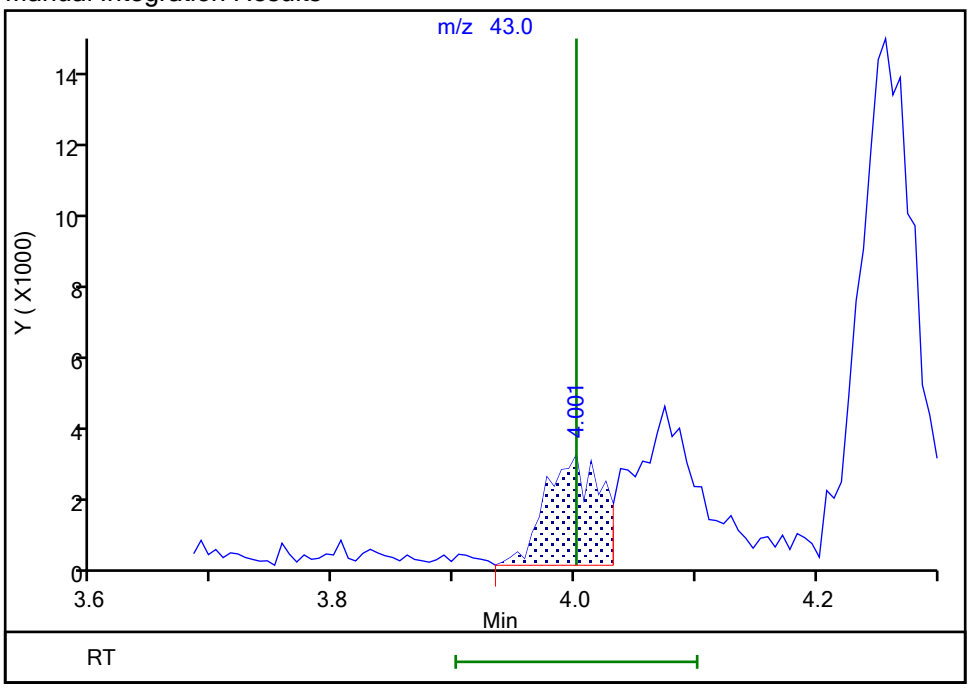
Processing Integration Results

RT: 4.00
Area: 11563
Amount: 464.4685
Amount Units: ug/l



Manual Integration Results

RT: 4.00
Area: 9381
Amount: 378.8538
Amount Units: ug/l



Reviewer: delpolitov, 29-Apr-2021 10:49:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

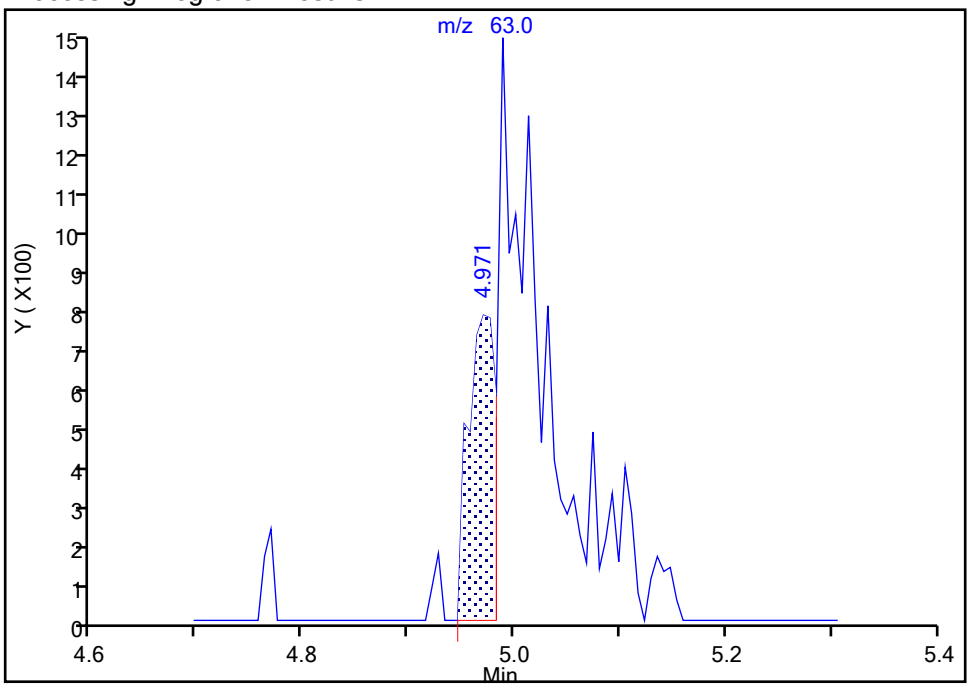
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

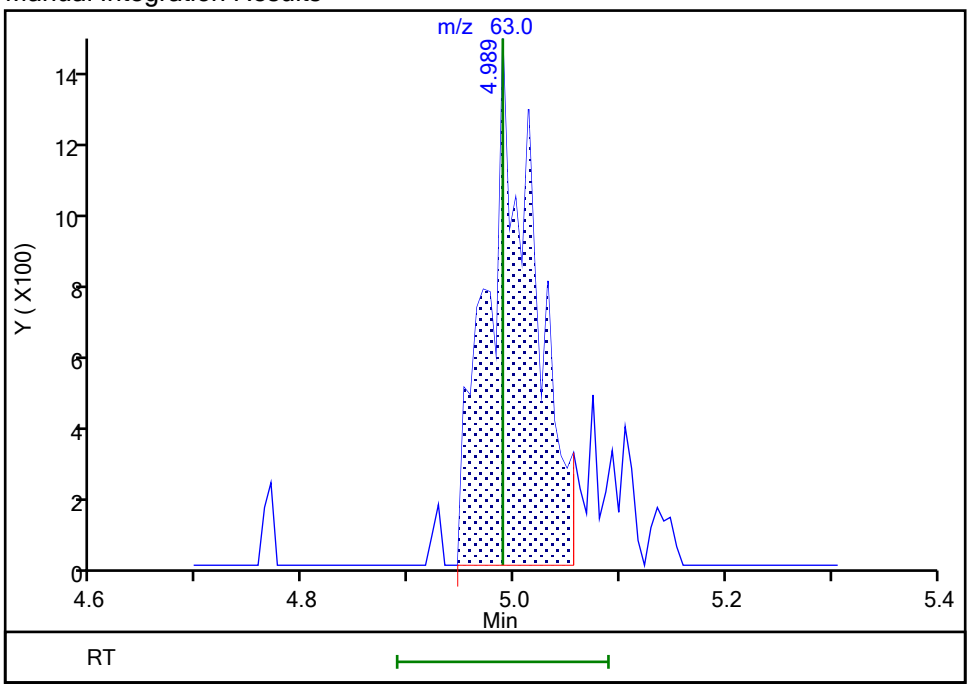
Processing Integration Results

RT: 4.97
Area: 1359
Amount: 5.104025
Amount Units: ug/l



Manual Integration Results

RT: 4.99
Area: 4537
Amount: 16.908398
Amount Units: ug/l



Reviewer: delpolitov, 29-Apr-2021 10:49:38
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

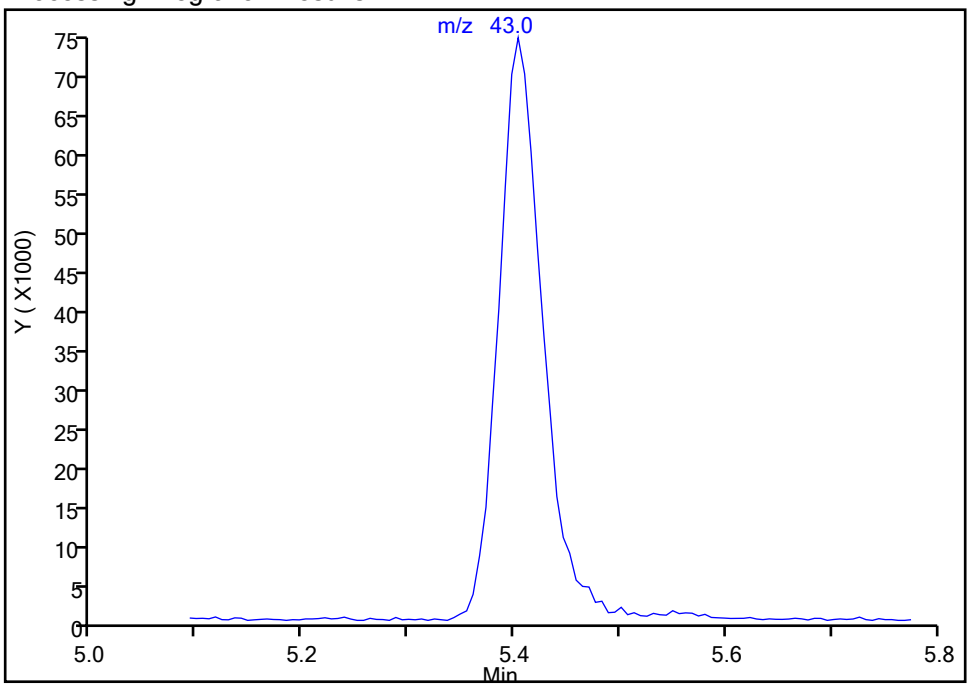
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71505.D
Injection Date: 29-Apr-2021 06:17:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

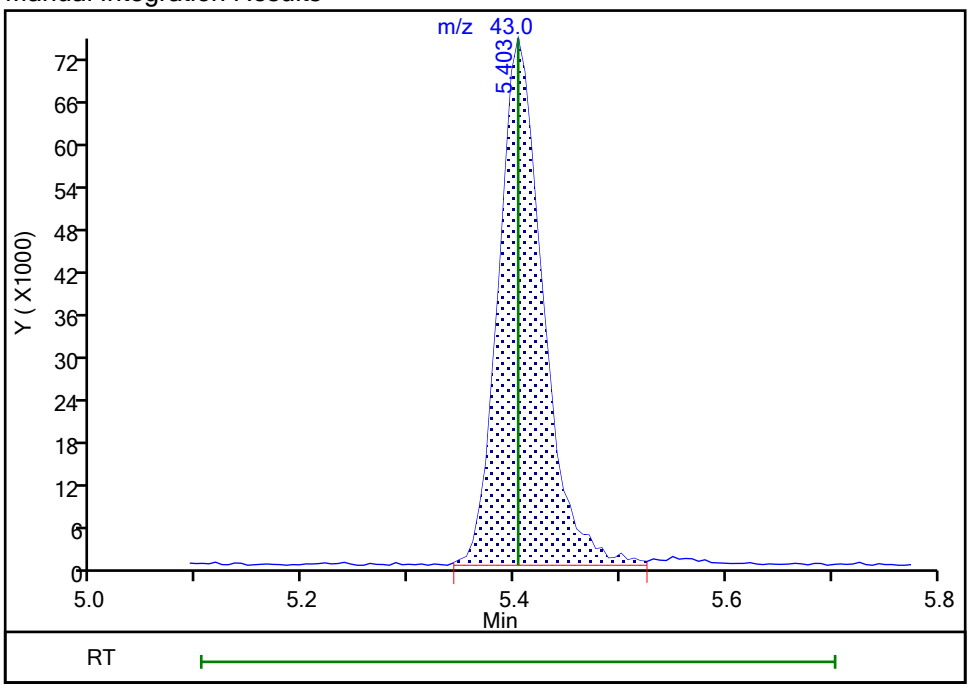
Not Detected
Expected RT: 5.40

Processing Integration Results



Manual Integration Results

RT: 5.40
Area: 216671
Amount: 83.015011
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 06:50:47
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-768838/14 Calibration Date: 04/01/2021 17:22

Instrument ID: CVOAMS9 Calib Start Date: 04/01/2021 11:50

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/01/2021 13:48

Lab File ID: K24330.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1850	0.1541		16.7	20.0	-16.7	30.0
Dichlorodifluoromethane	Ave	0.6575	0.5414	0.1000	16.5	20.0	-17.6	30.0
Chlorodifluoromethane	Lin2		0.0715		19.5	20.0	-2.6	30.0
Chloromethane	Ave	0.8352	0.7714	0.1000	18.5	20.0	-7.6	30.0
Butadiene	Ave	0.4322	0.3905		18.1	20.0	-9.6	30.0
Vinyl chloride	Ave	0.6271	0.6279	0.1000	20.0	20.0	0.1	30.0
Bromomethane	Ave	0.3907	0.3917	0.1000	20.0	20.0	0.2	30.0
Chloroethane	Ave	0.2661	0.2634	0.1000	19.8	20.0	-1.0	30.0
Dichlorofluoromethane	Ave	0.7095	0.7044		19.9	20.0	-0.7	30.0
Pentane	Ave	0.8845	0.9287		42.0	40.0	5.0	30.0
Trichlorofluoromethane	Ave	0.5462	0.5376	0.1000	19.7	20.0	-1.6	30.0
Ethyl ether	Ave	0.1874	0.2006		21.4	20.0	7.0	30.0
2-Methyl-1,3-butadiene	Ave	0.2076	0.2139		20.6	20.0	3.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2562	0.2717		21.2	20.0	6.0	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4272	0.4394		20.6	20.0	2.9	30.0
Acrolein	Ave	0.6782	0.3167		140	300	-53.3*	30.0
1,1-Dichloroethene	Ave	0.2571	0.2505	0.1000	19.5	20.0	-2.6	30.0
Ethanol	QuaF		0.0375		787	800	-1.7	30.0
Acetone	Ave	0.8353	0.8774	0.0500	105	100	5.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3298	0.3323	0.1000	20.1	20.0	0.7	30.0
Iodomethane	Ave	0.5623	0.5695		20.3	20.0	1.3	30.0
Isopropyl alcohol	QuaF		0.2726		96.4	200	-51.8*	30.0
Carbon disulfide	Ave	1.076	1.095	0.1000	20.4	20.0	1.8	30.0
3-Chloro-1-propene	Ave	0.2891	0.2830		19.6	20.0	-2.1	30.0
Methyl acetate	Ave	3.798	4.022	0.1000	42.4	40.0	5.9	30.0
Cyclopentene	Ave	0.6339	0.6208		19.6	20.0	-2.1	30.0
Acetonitrile	Ave	0.5908	0.5878		199	200	-0.5	30.0
Methylene Chloride	Ave	0.3222	0.3187	0.1000	19.8	20.0	-1.1	30.0
Acrylonitrile	Ave	0.1001	0.1018		203	200	1.7	30.0
2-Methyl-2-propanol	Ave	1.032	1.011		196	200	-2.0	30.0
trans-1,2-Dichloroethene	Ave	0.2706	0.2680	0.1000	19.8	20.0	-0.9	30.0
Methyl tert-butyl ether	Ave	0.8766	0.9072	0.1000	20.7	20.0	3.5	30.0
Hexane	Ave	0.2377	0.2432		20.5	20.0	2.3	30.0
1,1-Dichloroethane	Ave	0.4588	0.4665	0.2000	20.3	20.0	1.7	30.0
Vinyl acetate	Ave	0.8822	0.7388		33.5	40.0	-16.3	30.0
2-Chloro-1,3-butadiene	Ave	0.2301	0.2195		19.1	20.0	-4.6	30.0
Isopropyl ether	Ave	0.9335	0.9273		19.9	20.0	-0.7	30.0
Tert-butyl ethyl ether	Ave	0.3618	0.3687		20.4	20.0	1.9	30.0
2-Butanone (MEK)	Ave	0.2863	0.2864	0.0500	100	100	0.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-768838/14 Calibration Date: 04/01/2021 17:22

Instrument ID: CVOAMS9 Calib Start Date: 04/01/2021 11:50

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/01/2021 13:48

Lab File ID: K24330.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2977	0.3034	0.1000	20.4	20.0	1.9	30.0
2,2-Dichloropropane	Ave	0.1562	0.1543		19.8	20.0	-1.2	30.0
Ethyl acetate	Ave	0.2145	0.2015		37.6	40.0	-6.1	30.0
Propionitrile	Ave	0.9270	0.8338		180	200	-10.1	30.0
Methyl acrylate	Ave	0.2833	0.2673		18.9	20.0	-5.6	30.0
Methacrylonitrile	Ave	0.0998	0.0965		193	200	-3.3	30.0
Chlorobromomethane	Ave	0.1569	0.1544		19.7	20.0	-1.6	30.0
Tetrahydrofuran	Ave	0.3262	0.3356		41.2	40.0	2.9	30.0
Chloroform	Ave	0.4485	0.4483	0.2000	20.0	20.0	-0.0	30.0
1,1,1-Trichloroethane	Ave	0.4623	0.4601	0.1000	19.9	20.0	-0.5	30.0
Cyclohexane	Ave	0.4901	0.4952	0.1000	20.2	20.0	1.0	30.0
1,1-Dichloropropene	Ave	0.3348	0.3273		19.6	20.0	-2.2	30.0
Carbon tetrachloride	Ave	0.3706	0.3667	0.1000	19.8	20.0	-1.0	30.0
Benzene	Ave	1.218	1.202	0.5000	19.7	20.0	-1.3	30.0
Isobutyl alcohol	Ave	0.0804	0.0765		476	500	-4.9	30.0
1,2-Dichloroethane	Ave	0.3142	0.3009	0.1000	19.2	20.0	-4.2	30.0
Isooctane	Ave	1.145	1.211		21.2	20.0	5.8	30.0
Isopropyl acetate	Lin2		0.1021		20.5	20.0	2.3	30.0
Tert-amyl methyl ether	Ave	0.9811	0.9885		20.1	20.0	0.7	30.0
n-Heptane	Ave	0.4179	0.4543		21.7	20.0	8.7	30.0
n-Butanol	Ave	0.2020	0.1870		463	500	-7.4	30.0
Trichloroethene	Ave	0.2515	0.2555	0.2000	20.3	20.0	1.6	30.0
Ethyl acrylate	Ave	0.2612	0.2645		20.3	20.0	1.3	30.0
Methylcyclohexane	Ave	0.5648	0.5815	0.1000	20.6	20.0	3.0	30.0
1,2-Dichloropropane	Ave	0.2788	0.2784	0.1000	20.0	20.0	-0.1	30.0
Dibromomethane	Ave	0.1616	0.1590		19.7	20.0	-1.6	30.0
1,4-Dioxane	Ave	1.109	1.177		424	400	6.1	30.0
Methyl methacrylate	Ave	0.1552	0.1583		40.8	40.0	2.0	30.0
n-Propyl acetate	Ave	0.3171	0.3223		20.3	20.0	1.6	30.0
Dichlorobromomethane	Ave	0.3195	0.3207	0.2000	20.1	20.0	0.4	30.0
2-Nitropropane	Lin2		0.0365		36.0	40.0	-9.9	30.0
2-Chloroethyl vinyl ether	Ave	0.1405	0.1216		17.3	20.0	-13.4	30.0
Epichlorohydrin	Ave	0.2309	0.3097		26.8	20.0	34.1*	30.0
cis-1,3-Dichloropropene	Ave	0.4581	0.4387	0.2000	19.2	20.0	-4.2	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.309	2.456	0.0500	106	100	6.4	30.0
Toluene	Ave	1.289	1.263	0.4000	19.6	20.0	-2.0	30.0
trans-1,3-Dichloropropene	Ave	0.3985	0.3637	0.1000	18.3	20.0	-8.7	30.0
Ethyl methacrylate	Ave	0.3483	0.3365		19.3	20.0	-3.4	30.0
1,1,2-Trichloroethane	Ave	0.2100	0.2086	0.1000	19.9	20.0	-0.7	30.0
Tetrachloroethene	Ave	0.3430	0.3366	0.2000	19.6	20.0	-1.9	30.0
1,3-Dichloropropane	Ave	0.4192	0.4108		19.6	20.0	-2.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-768838/14 Calibration Date: 04/01/2021 17:22

Instrument ID: CVOAMS9 Calib Start Date: 04/01/2021 11:50

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/01/2021 13:48

Lab File ID: K24330.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.406	1.546	0.0500	110	100	9.9	30.0
Chlorodibromomethane	Ave	0.2796	0.2857	0.1000	20.4	20.0	2.2	30.0
n-Butyl acetate	Ave	0.4126	0.4091		19.8	20.0	-0.8	30.0
Ethylene Dibromide	Ave	0.2572	0.2540	0.1000	19.8	20.0	-1.2	30.0
Chlorobenzene	Ave	0.8447	0.8611	0.5000	20.4	20.0	1.9	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3775	0.3728		19.7	20.0	-1.3	30.0
Ethylbenzene	Ave	0.4698	0.4769	0.1000	20.3	20.0	1.5	30.0
m-Xylene & p-Xylene	Ave	0.5818	0.5935	0.1000	20.4	20.0	2.0	30.0
o-Xylene	Ave	0.6154	0.6538	0.3000	21.2	20.0	6.2	30.0
Styrene	Ave	0.9095	0.9136	0.3000	20.1	20.0	0.5	30.0
n-Butyl acrylate	Ave	0.2134	0.2249		21.1	20.0	5.4	30.0
Bromoform	Ave	0.2042	0.2087	0.1000	20.4	20.0	2.2	30.0
Amyl acetate (mixed isomers)	Ave	0.7510	0.8139		21.7	20.0	8.4	30.0
Isopropylbenzene	Ave	1.693	1.784	0.1000	21.1	20.0	5.4	30.0
Bromobenzene	Ave	0.6397	0.6502		20.3	20.0	1.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6428	0.6303	0.3000	19.6	20.0	-1.9	30.0
1,2,3-Trichloropropane	Ave	0.1739	0.1710		19.7	20.0	-1.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1491	0.1425		19.1	20.0	-4.5	30.0
N-Propylbenzene	Ave	2.899	3.018		20.8	20.0	4.1	30.0
2-Chlorotoluene	Ave	1.740	1.808		20.8	20.0	3.9	30.0
4-Ethyltoluene	Ave	2.390	2.548		21.3	20.0	6.6	30.0
4-Chlorotoluene	Ave	1.836	1.886		20.5	20.0	2.7	30.0
1,3,5-Trimethylbenzene	Ave	2.283	2.336		20.5	20.0	2.3	30.0
Butyl Methacrylate	Ave	0.6464	0.6987		21.6	20.0	8.1	30.0
tert-Butylbenzene	Ave	1.816	1.815		20.0	20.0	-0.0	30.0
1,2,4-Trimethylbenzene	Ave	2.294	2.388		20.8	20.0	4.1	30.0
sec-Butylbenzene	Ave	2.927	3.172		21.7	20.0	8.4	30.0
1,3-Dichlorobenzene	Ave	1.224	1.263	0.6000	20.6	20.0	3.1	30.0
4-Isopropyltoluene	Ave	2.631	2.814		21.4	20.0	7.0	30.0
1,4-Dichlorobenzene	Ave	1.242	1.274	0.5000	20.5	20.0	2.5	30.0
1,2,3-Trimethylbenzene	Ave	2.500	2.532		20.3	20.0	1.3	30.0
Benzyl chloride	Ave	1.098	0.9924		18.1	20.0	-9.7	30.0
Indan	Ave	2.307	2.476		21.5	20.0	7.3	30.0
1,2-Dichlorobenzene	Ave	1.286	1.339	0.4000	20.8	20.0	4.2	30.0
p-Diethylbenzene	Ave	1.356	1.739		25.7	20.0	28.3	30.0
n-Butylbenzene	Ave	1.327	1.446		21.8	20.0	9.0	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.547	2.843		22.3	20.0	11.6	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1880	0.1890	0.0500	20.1	20.0	0.5	30.0
1,3,5-Trichlorobenzene	Ave	1.238	1.290		20.9	20.0	4.3	30.0
1,2,4-Trichlorobenzene	Ave	1.193	1.274	0.2000	21.4	20.0	6.8	30.0
Hexachlorobutadiene	Ave	0.6161	0.6451		20.9	20.0	4.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-768838/14 Calibration Date: 04/01/2021 17:22

Instrument ID: CVOAMS9 Calib Start Date: 04/01/2021 11:50

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/01/2021 13:48

Lab File ID: K24330.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.651	2.944		22.2	20.0	11.1	30.0
1,2,3-Trichlorobenzene	Ave	1.245	1.373		22.1	20.0	10.3	30.0
Dibromofluoromethane (Surr)	Ave	0.3480	0.3437		49.4	50.0	-1.2	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3305	0.3257		49.3	50.0	-1.4	30.0
Toluene-d8 (Surr)	Ave	1.569	1.531		48.8	50.0	-2.4	30.0
4-Bromofluorobenzene	Ave	0.5490	0.5514		50.2	50.0	0.4	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 01-Apr-2021 17:22:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0126371-014
Operator ID: Instrument ID: CVOAMS9
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Apr-2021 13:13:04 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: delpolitov Date: 02-Apr-2021 13:13:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.999	0.999	0.000	52	7646	NC	NC	a
2 Chlorotrifluoroethene	116	1.065	1.070	-0.005	86	42758	20.0	16.7	a
3 1,1-Difluoroethane	65	1.070	1.070	0.000	99	56203	NC	NC	
4 Dichlorodifluoromethane	85	1.103	1.087	0.016	71	150192	20.0	16.5	M
5 Chlorodifluoromethane	67	1.108	1.103	0.005	96	19824	20.0	19.5	a
6 Chloromethane	50	1.234	1.228	0.006	99	213987	20.0	18.5	
7 Butadiene	54	1.272	1.267	0.005	92	108330	20.0	18.1	
8 Vinyl chloride	62	1.294	1.294	0.000	97	174181	20.0	20.0	
9 Bromomethane	94	1.507	1.496	0.011	99	108644	20.0	20.0	
10 Chloroethane	64	1.528	1.518	0.010	99	73060	20.0	19.8	
11 Dichlorofluoromethane	67	1.676	1.676	0.000	99	195404	20.0	19.9	
13 Pentane	72	1.730	1.719	0.011	98	26915	40.0	42.0	
12 Trichlorofluoromethane	101	1.747	1.741	0.006	98	149128	20.0	19.7	
15 Ethyl ether	59	1.872	1.872	0.000	96	55632	20.0	21.4	
14 Ethanol	46	2.085	1.878	0.207	68	21716	800.0	786.6	Ma
16 2-Methyl-1,3-butadiene	53	1.899	1.894	0.005	94	59335	20.0	20.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.916	1.916	0.000	90	75366	20.0	21.2	
19 Acrolein	56	1.976	1.965	0.011	95	68932	300.4	140.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.970	1.970	0.000	92	121890	20.0	20.6	Ma
21 1,1-Dichloroethene	96	2.058	2.052	0.006	98	69493	20.0	19.5	
22 Acetone	43	2.096	2.090	0.006	88	135642	100.0	105.0	
20 112TCTFE	101	2.101	2.107	-0.006	97	92164	20.0	20.1	
23 Iodomethane	142	2.178	2.178	0.000	97	157979	20.0	20.3	
24 Isopropyl alcohol	45	2.227	2.221	0.006	96	39503	200.0	96.4	M
25 Carbon disulfide	76	2.232	2.227	0.005	99	303863	20.0	20.4	
26 3-Chloro-1-propene	39	2.347	2.347	0.000	94	78502	20.0	19.6	
27 Methyl acetate	43	2.369	2.363	0.006	99	116573	40.0	42.4	
29 Acetonitrile	41	2.423	2.407	0.016	32	85184	200.0	199.0	Ma
28 Cyclopentene	67	2.418	2.418	0.000	94	172197	20.0	19.6	
31 Methylene Chloride	84	2.451	2.451	0.000	93	88398	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.603	2.571	0.032	94	724539	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.685	2.647	0.038	46	146530	200.0	195.9	a
35 Acrylonitrile	53	2.663	2.663	0.000	96	282364	200.0	203.5	
34 trans-1,2-Dichloroethene	96	2.696	2.691	0.005	96	74341	20.0	19.8	
33 Methyl tert-butyl ether	73	2.707	2.707	0.000	97	251641	20.0	20.7	
36 Hexane	43	2.958	2.953	0.005	92	67466	20.0	20.5	
38 1,1-Dichloroethane	63	3.078	3.073	0.005	100	129416	20.0	20.3	
39 Vinyl acetate	86	3.138	3.138	0.000	100	21411	40.0	33.5	
40 2-Chloro-1,3-butadiene	88	3.171	3.165	0.006	83	60881	20.0	19.1	
37 Isopropyl ether	45	3.171	3.165	0.006	88	257232	20.0	19.9	
41 Tert-butyl ethyl ether	87	3.525	3.520	0.005	91	102280	20.0	20.4	
* 42 2-Butanone-d5	46	3.607	3.602	0.005	95	386490	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.651	3.651	0.000	99	84169	20.0	20.4	
46 2-Butanone (MEK)	72	3.651	3.656	-0.005	90	44272	100.0	100.0	
43 2,2-Dichloropropane	79	3.667	3.662	0.005	95	42798	20.0	19.8	
48 Propionitrile	54	3.738	3.733	0.005	52	120824	200.0	179.9	a
45 Ethyl acetate	70	3.727	3.738	-0.011	99	12460	40.0	37.6	
47 Methyl acrylate	55	3.760	3.749	0.011	99	74142	20.0	18.9	
51 Methacrylonitrile	67	3.875	3.880	-0.005	91	267815	200.0	193.5	
50 Chlorobromomethane	128	3.891	3.891	0.000	86	42827	20.0	19.7	
49 Tetrahydrofuran	72	3.940	3.951	-0.011	81	20756	40.0	41.2	a
52 Chloroform	83	3.989	3.989	0.000	99	124364	20.0	20.0	
$ 55 Dibromofluoromethane (Surr)	113	4.158	4.158	0.000	98	238341	50.0	49.4	
54 1,1,1-Trichloroethane	97	4.191	4.180	0.011	98	127621	20.0	19.9	
53 Cyclohexane	84	4.251	4.257	-0.006	92	137350	20.0	20.2	
57 1,1-Dichloropropene	75	4.360	4.355	0.005	97	90794	20.0	19.6	
56 Carbon tetrachloride	117	4.366	4.366	0.000	81	101714	20.0	19.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.513	4.519	-0.006	0	225882	50.0	49.3	
58 Isobutyl alcohol	74	4.584	4.579	0.005	88	27713	500.0	475.6	
60 Benzene	78	4.584	4.584	0.000	94	291655	20.0	19.7	
64 1,2-Dichloroethane	62	4.600	4.600	0.000	95	83466	20.0	19.2	
59 Isooctane	57	4.710	4.710	0.000	97	336031	20.0	21.2	
62 Isopropyl acetate	61	4.726	4.731	-0.005	95	28316	20.0	20.5	
63 Tert-amyl methyl ether	73	4.748	4.748	0.000	91	274194	20.0	20.1	M
* 66 Fluorobenzene	96	4.911	4.911	0.000	99	693474	50.0	50.0	
65 n-Heptane	43	4.944	4.933	0.011	94	126026	20.0	21.7	
68 n-Butanol	56	5.337	5.342	-0.005	34	67762	500.0	463.0	M
69 Trichloroethene	95	5.353	5.348	0.005	96	70877	20.0	20.3	
70 Ethyl acrylate	55	5.528	5.528	0.000	98	73377	20.0	20.3	
71 Methylcyclohexane	83	5.593	5.593	0.000	94	161308	20.0	20.6	
72 1,2-Dichloropropane	63	5.621	5.615	0.006	93	77234	20.0	20.0	
* 73 1,4-Dioxane-d8	96	5.746	5.746	0.000	97	48327	1000.0	1000.0	
77 Dibromomethane	93	5.763	5.763	0.000	93	44099	20.0	19.7	
75 1,4-Dioxane	88	5.823	5.812	0.011	29	22747	400.0	424.3	
74 Methyl methacrylate	69	5.823	5.823	0.000	90	87832	40.0	40.8	
76 n-Propyl acetate	43	5.921	5.921	0.000	98	89393	20.0	20.3	
78 Dichlorobromomethane	83	5.986	5.986	0.000	99	88952	20.0	20.1	
79 2-Nitropropane	41	6.286	6.281	0.005	97	20255	40.0	36.0	
67 2-Chloroethyl vinyl ether	63	6.423	6.423	0.000	97	33739	20.0	17.3	
80 Epichlorohydrin	57	6.472	6.472	0.000	92	9576	20.0	26.8	Ma
81 cis-1,3-Dichloropropene	75	6.586	6.587	-0.001	91	106451	20.0	19.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.837	6.838	-0.001	96	379646	100.0	106.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.947	6.947	0.000	99	928753	50.0	48.8	
84 Toluene	91	7.034	7.034	0.000	93	306497	20.0	19.6	
85 trans-1,3-Dichloropropene	75	7.383	7.378	0.005	96	88256	20.0	18.3	
86 Ethyl methacrylate	69	7.580	7.580	0.000	89	81647	20.0	19.3	
87 1,1,2-Trichloroethane	83	7.629	7.629	0.000	95	50619	20.0	19.9	
88 Tetrachloroethene	166	7.809	7.814	-0.005	97	81678	20.0	19.6	
89 1,3-Dichloropropane	76	7.863	7.863	0.000	93	99679	20.0	19.6	
90 2-Hexanone	43	8.054	8.054	0.000	96	239037	100.0	109.9	
92 Chlorodibromomethane	129	8.185	8.180	0.005	98	69315	20.0	20.4	
91 n-Butyl acetate	43	8.300	8.300	0.000	99	99277	20.0	19.8	
93 Ethylene Dibromide	107	8.311	8.316	-0.005	98	61633	20.0	19.8	
* 94 Chlorobenzene-d5	117	9.053	9.053	0.000	84	606640	50.0	50.0	
95 Chlorobenzene	112	9.096	9.096	0.000	97	208946	20.0	20.4	
97 1,1,1,2-Tetrachloroethane	131	9.255	9.255	0.000	94	90455	20.0	19.7	
96 Ethylbenzene	106	9.315	9.315	0.000	98	115727	20.0	20.3	
98 m-Xylene & p-Xylene	106	9.506	9.511	-0.005	0	144019	20.0	20.4	
100 o-Xylene	106	10.068	10.068	0.000	95	158648	20.0	21.2	
101 Styrene	104	10.089	10.090	-0.001	96	221699	20.0	20.1	
99 n-Butyl acrylate	73	10.128	10.128	0.000	97	54585	20.0	21.1	
103 Bromoform	173	10.280	10.281	0.000	98	50652	20.0	20.4	
102 Amyl acetate (mixed isomers)	43	10.428	10.428	0.000	91	129930	20.0	21.7	
104 Isopropylbenzene	105	10.542	10.542	0.000	95	432997	20.0	21.1	
$ 105 4-Bromofluorobenzene	174	10.690	10.695	-0.005	96	334494	50.0	50.2	
106 Bromobenzene	156	10.826	10.826	0.000	94	103794	20.0	20.3	
107 1,1,2,2-Tetrachloroethane	83	10.892	10.892	0.000	98	100616	20.0	19.6	
109 1,2,3-Trichloropropane	110	10.913	10.913	0.000	98	27301	20.0	19.7	
110 trans-1,4-Dichloro-2-butene	53	10.952	10.952	0.000	92	22745	20.0	19.1	
108 N-Propylbenzene	91	11.001	11.001	0.000	99	481838	20.0	20.8	
111 2-Chlorotoluene	91	11.055	11.055	0.000	97	288543	20.0	20.8	
112 4-Ethyltoluene	105	11.121	11.121	0.000	99	406796	20.0	21.3	
114 4-Chlorotoluene	91	11.170	11.170	0.000	97	300999	20.0	20.5	
113 1,3,5-Trimethylbenzene	105	11.192	11.192	0.000	93	372841	20.0	20.5	
115 Butyl Methacrylate	87	11.339	11.339	0.000	90	111540	20.0	21.6	
116 tert-Butylbenzene	119	11.503	11.497	0.006	96	289734	20.0	20.0	
117 1,2,4-Trimethylbenzene	105	11.546	11.546	0.000	97	381161	20.0	20.8	
118 sec-Butylbenzene	105	11.705	11.705	0.000	99	506423	20.0	21.7	
120 1,3-Dichlorobenzene	146	11.776	11.776	0.000	98	201569	20.0	20.6	
* 121 1,4-Dichlorobenzene-d4	152	11.836	11.836	0.000	95	399080	50.0	50.0	
119 4-Isopropyltoluene	119	11.846	11.846	0.000	98	449279	20.0	21.4	
122 1,4-Dichlorobenzene	146	11.857	11.857	0.000	96	203316	20.0	20.5	
123 1,2,3-Trimethylbenzene	105	11.917	11.917	0.000	98	404134	20.0	20.3	
124 Benzyl chloride	91	11.983	11.983	0.000	99	158411	20.0	18.1	
125 2,3-Dihydroindene	117	12.076	12.081	-0.005	95	395186	20.0	21.5	
128 1,2-Dichlorobenzene	146	12.174	12.174	0.000	98	213759	20.0	20.8	
126 p-Diethylbenzene	119	12.179	12.179	0.000	94	277672	20.0	25.7	
127 n-Butylbenzene	92	12.196	12.196	0.000	97	230831	20.0	21.8	
129 1,2,4,5-Tetramethylbenzene	119	12.801	12.801	0.000	98	453818	20.0	22.3	
130 1,2-Dibromo-3-Chloropropane	157	12.807	12.807	0.000	87	30169	20.0	20.1	
131 1,3,5-Trichlorobenzene	180	12.976	12.976	0.000	97	206003	20.0	20.9	
132 1,2,4-Trichlorobenzene	180	13.429	13.429	0.000	93	203437	20.0	21.4	
133 Hexachlorobutadiene	225	13.565	13.565	0.000	98	102978	20.0	20.9	
134 Naphthalene	128	13.598	13.598	0.000	99	469927	20.0	22.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.778	13.773	0.005	95	219143	20.0	22.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.2	
S 137 Xylenes, Total	100				0		40.0	41.6	
S 139 Total BTEX	1				0		100.0	101.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS C SP_00403	Amount Added:	2.00	Units: uL	
ACROLEIN SP_00123	Amount Added:	3.00	Units: uL	
8260 SP_00138	Amount Added:	2.00	Units: uL	
8FreonsSS_00030	Amount Added:	2.00	Units: uL	
8260SURR250_00216	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Apr-2021 13:16:14 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D

Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9 Operator ID:

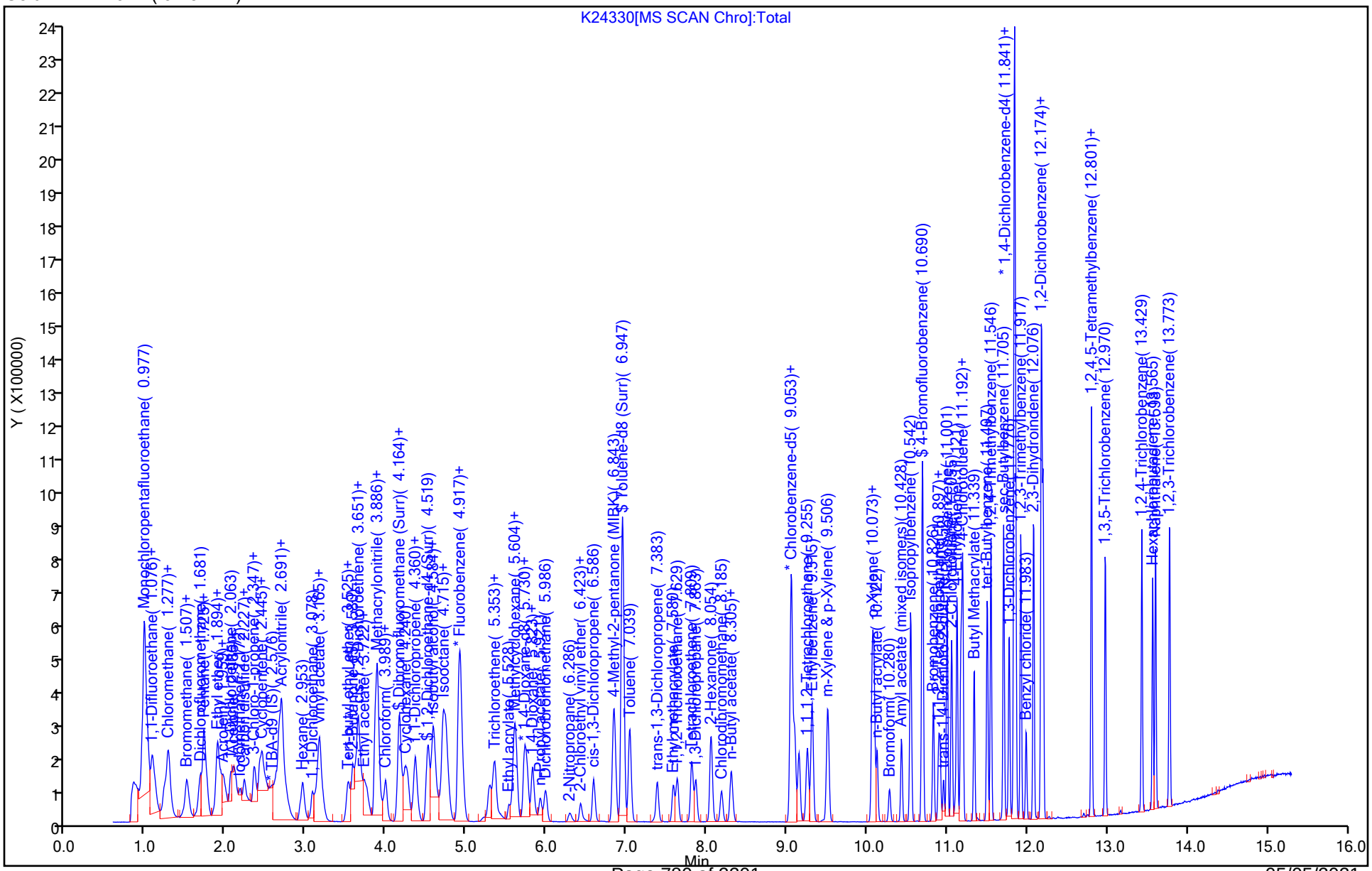
Lims ID: ICV Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 13

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

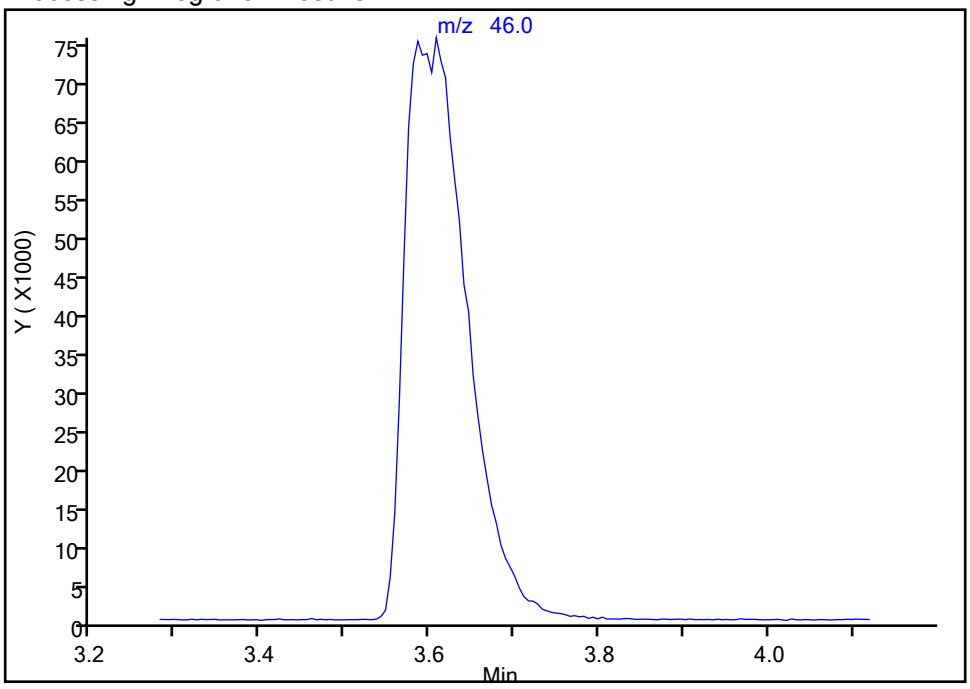
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

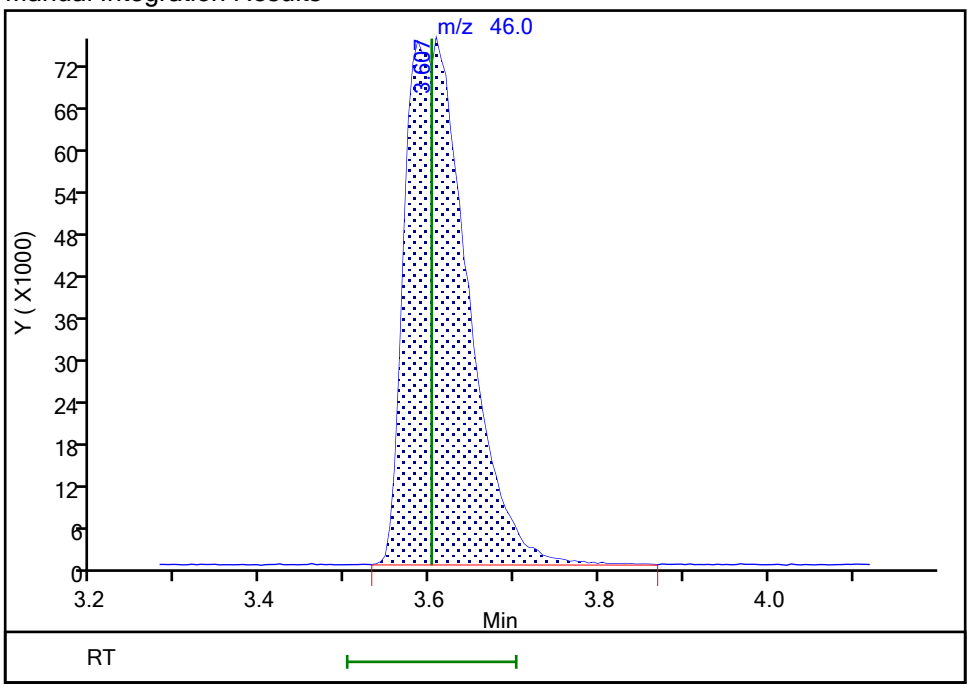
Not Detected
Expected RT: 3.60

Processing Integration Results



Manual Integration Results

RT: 3.61
Area: 386490
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:08:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

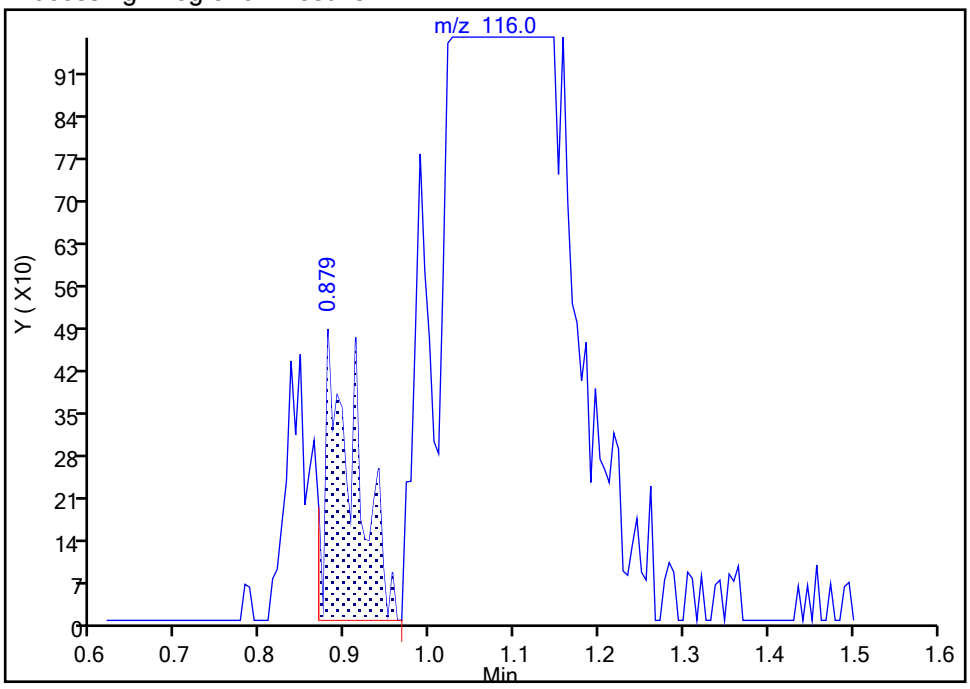
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

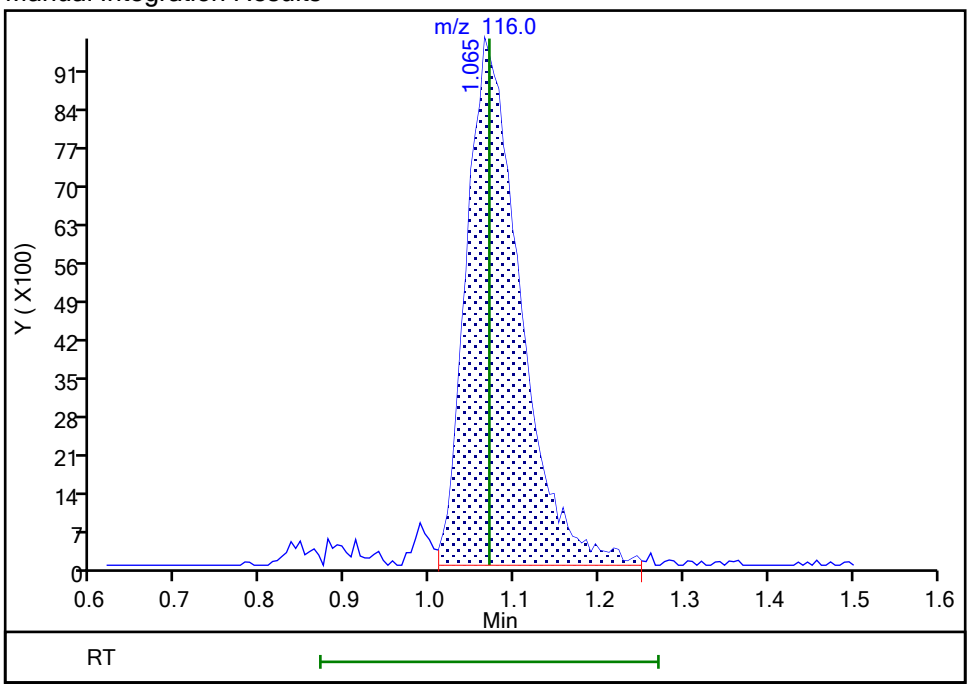
Processing Integration Results

RT: 0.88
Area: 1186
Amount: 0.462224
Amount Units: ug/l



Manual Integration Results

RT: 1.06
Area: 42758
Amount: 16.664217
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:08:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

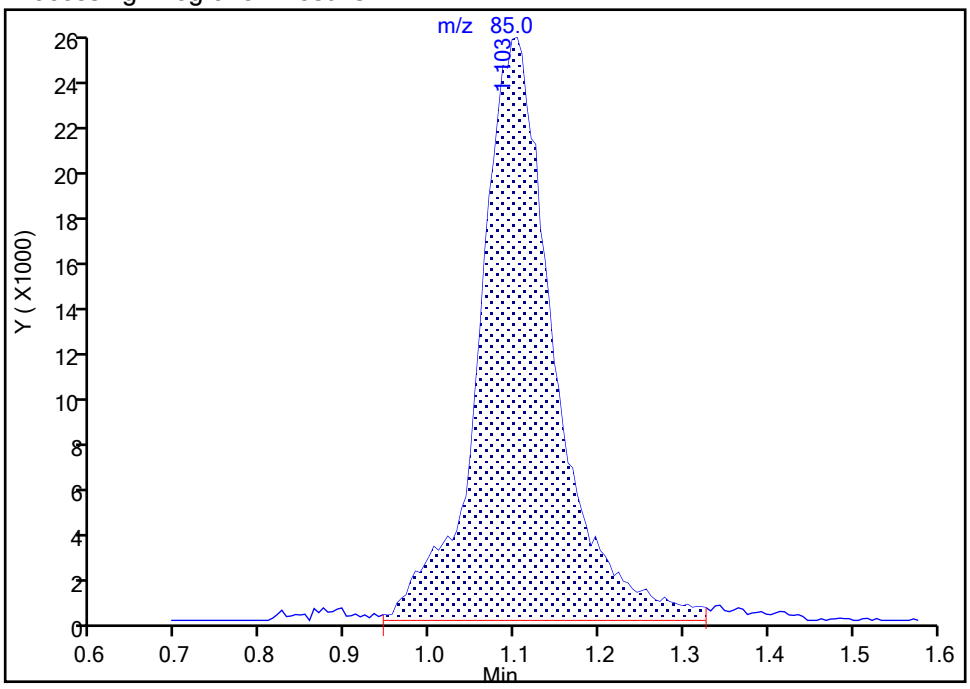
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

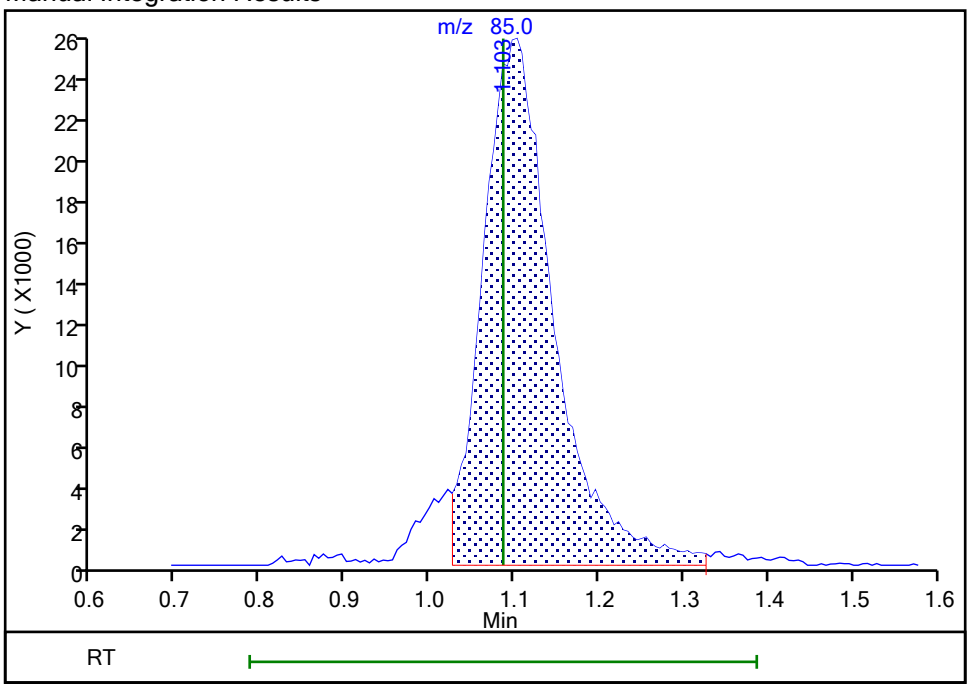
Processing Integration Results

RT: 1.10
Area: 159432
Amount: 17.483598
Amount Units: ug/l



Manual Integration Results

RT: 1.10
Area: 150192
Amount: 16.470323
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:09:00
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Eurofins TestAmerica, Edison

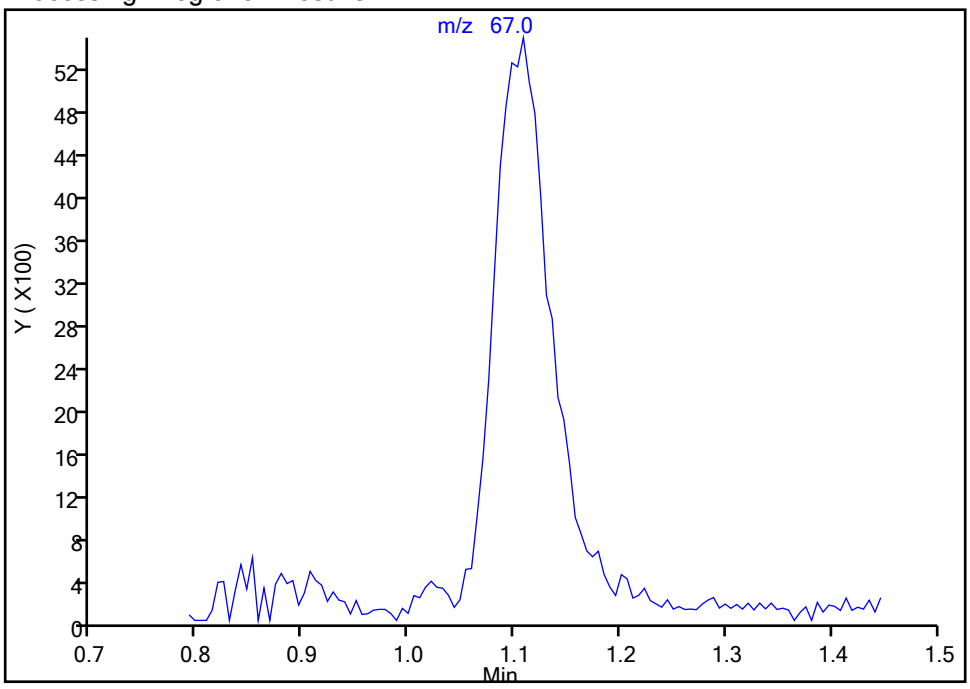
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

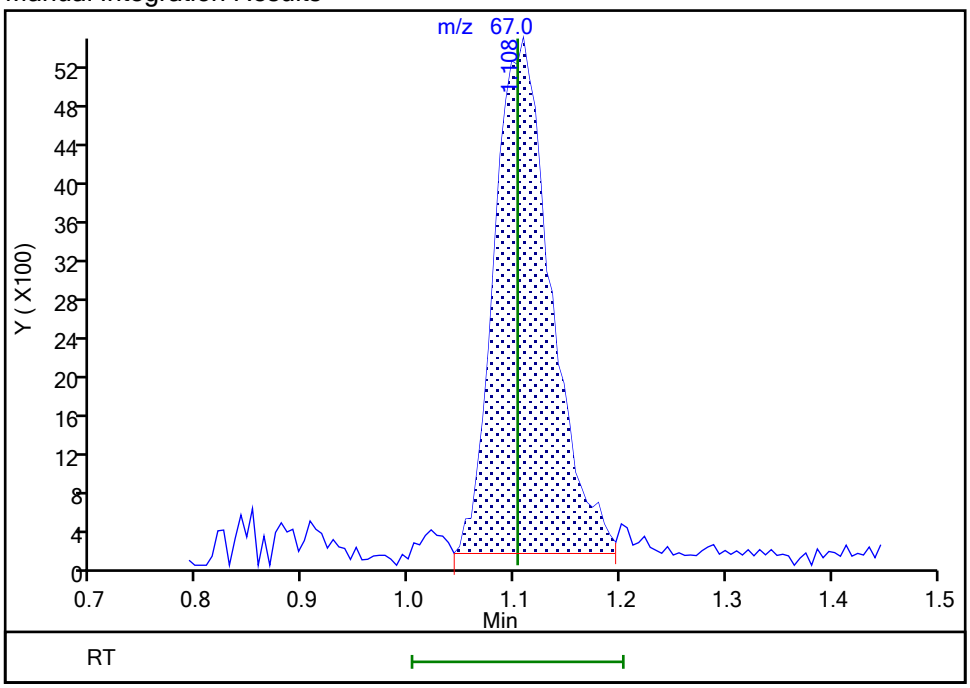
Not Detected
Expected RT: 1.10

Processing Integration Results



Manual Integration Results

RT: 1.11
Area: 19824
Amount: 19.477259
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:08:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

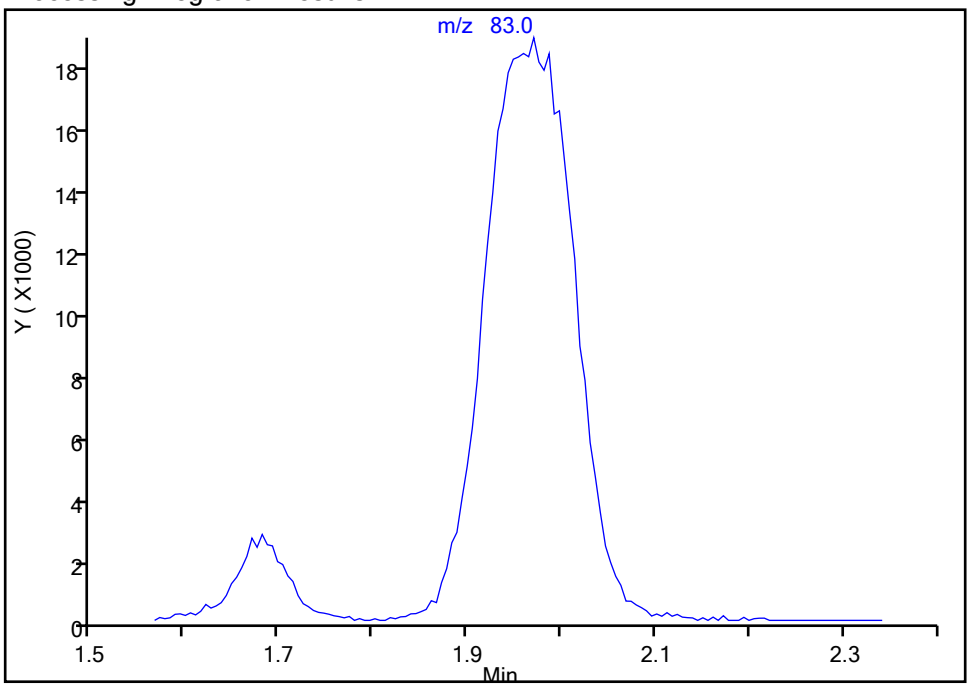
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

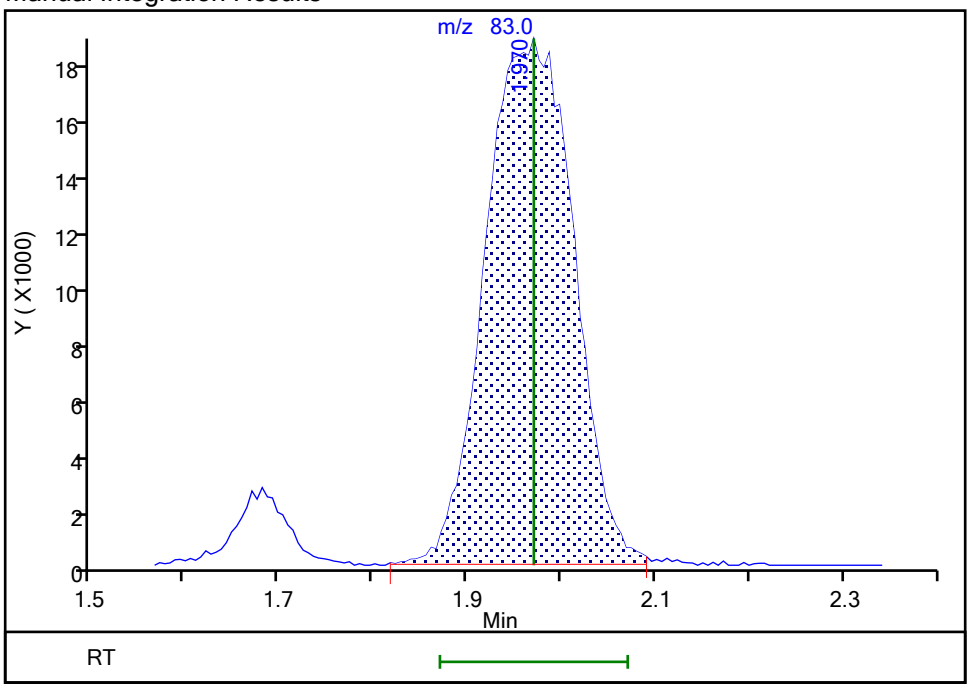
Not Detected
Expected RT: 1.97

Processing Integration Results



Manual Integration Results

RT: 1.97
Area: 121890
Amount: 20.570317
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:09:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

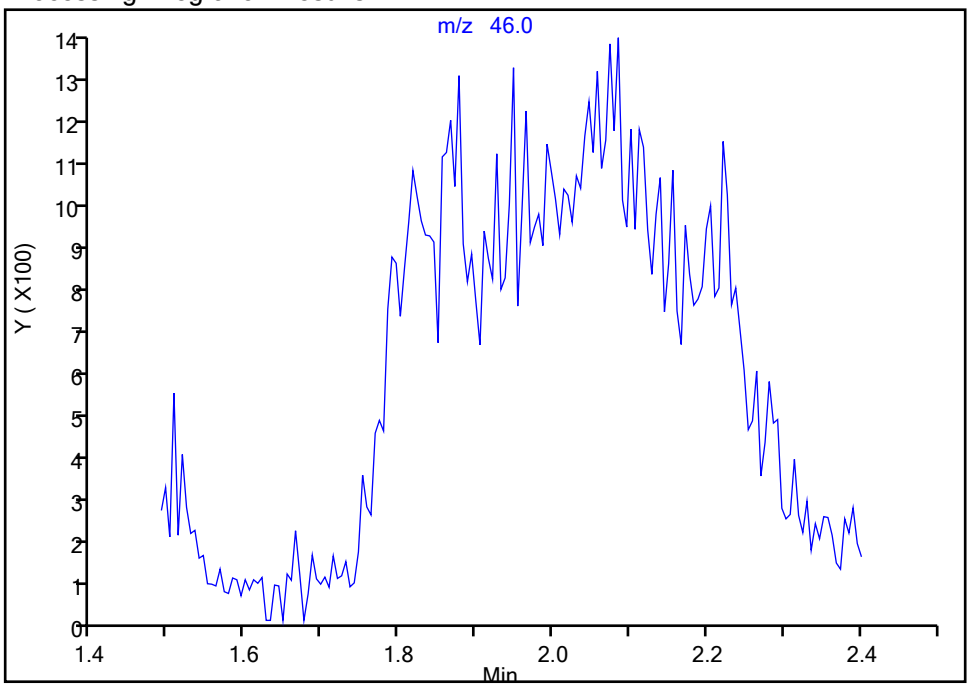
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

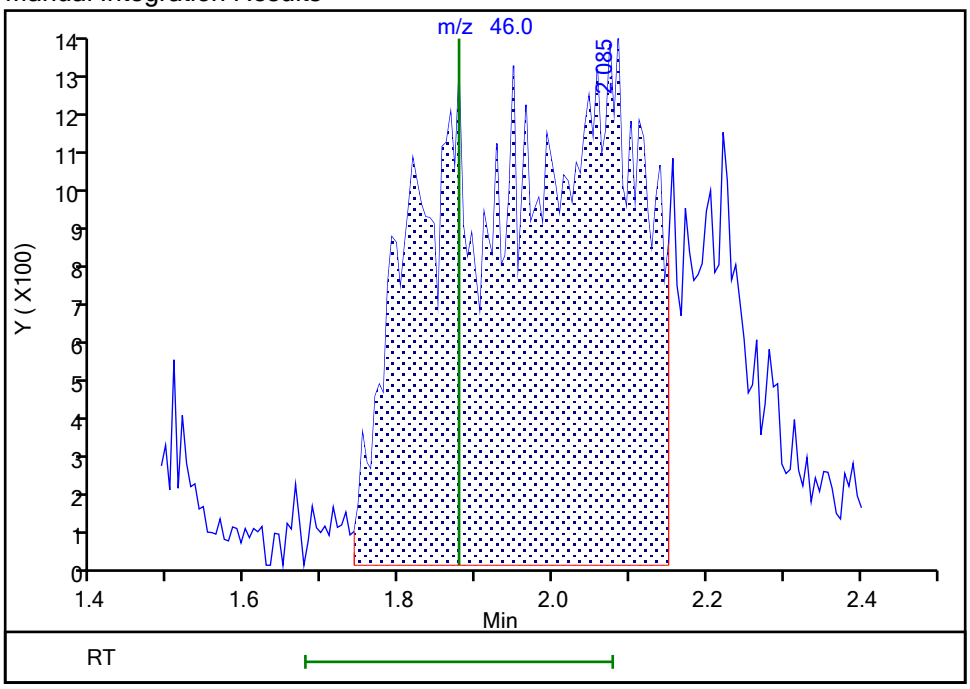
Not Detected
Expected RT: 1.88

Processing Integration Results



Manual Integration Results

RT: 2.08
Area: 21716
Amount: 786.6440
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:09:26
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

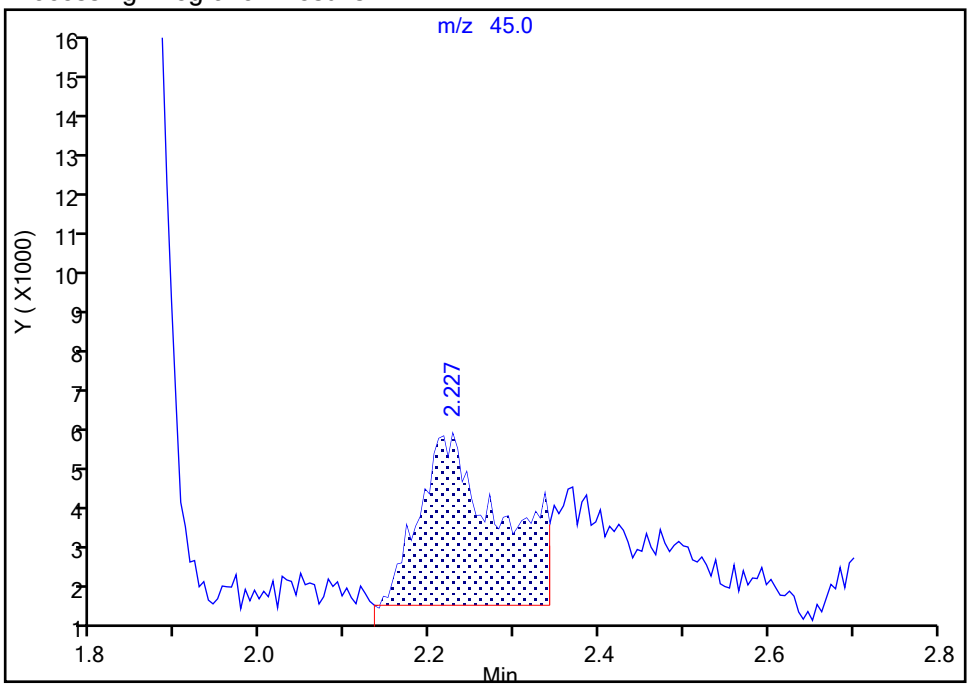
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

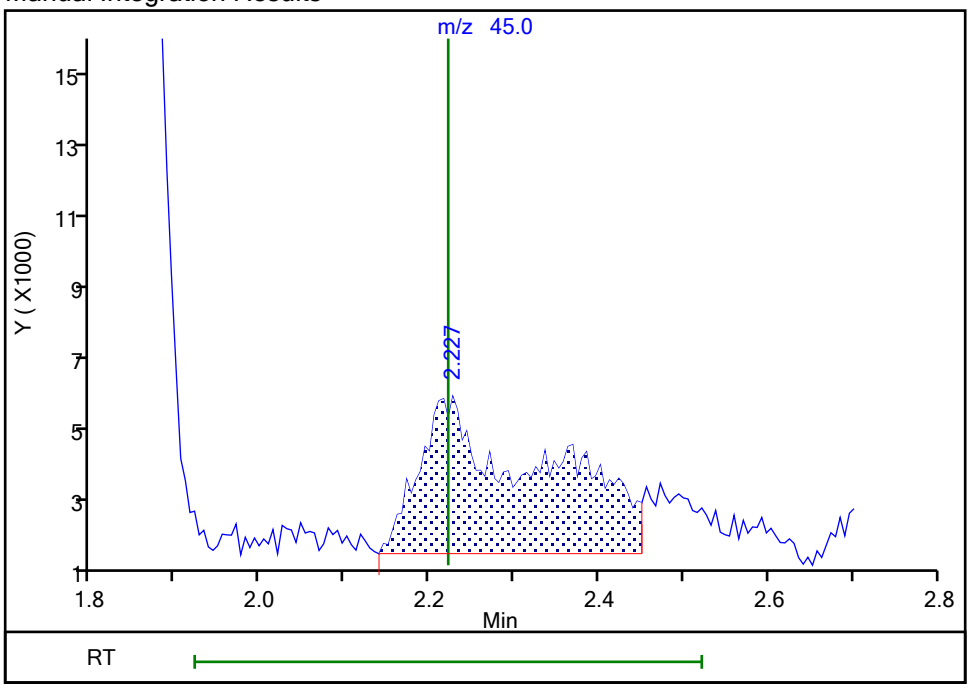
Processing Integration Results

RT: 2.23
Area: 25943
Amount: 63.230725
Amount Units: ug/l



Manual Integration Results

RT: 2.23
Area: 39503
Amount: 96.376195
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:09:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

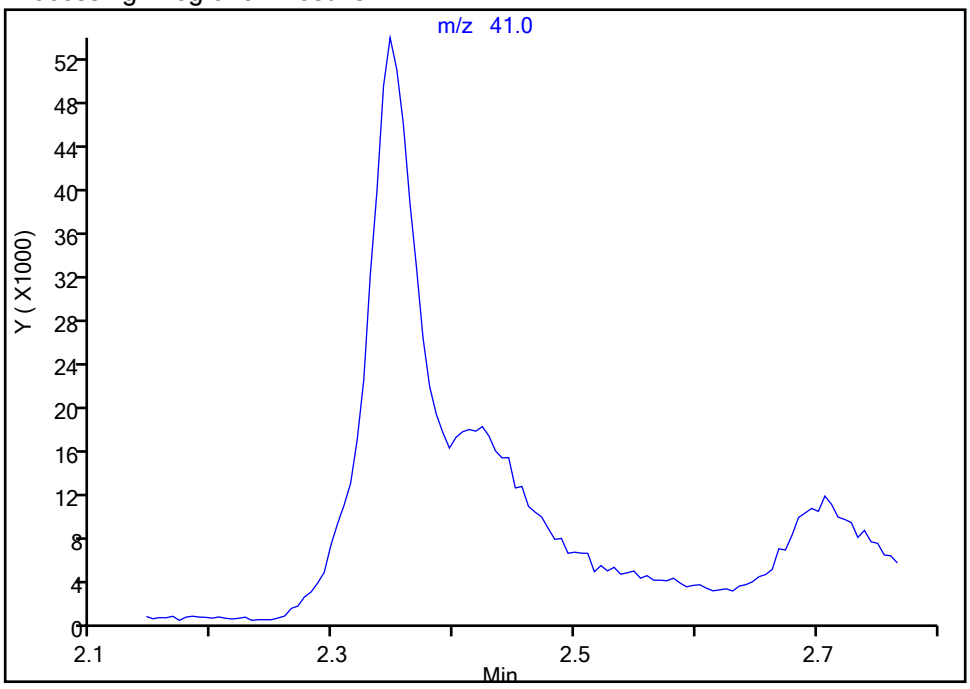
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

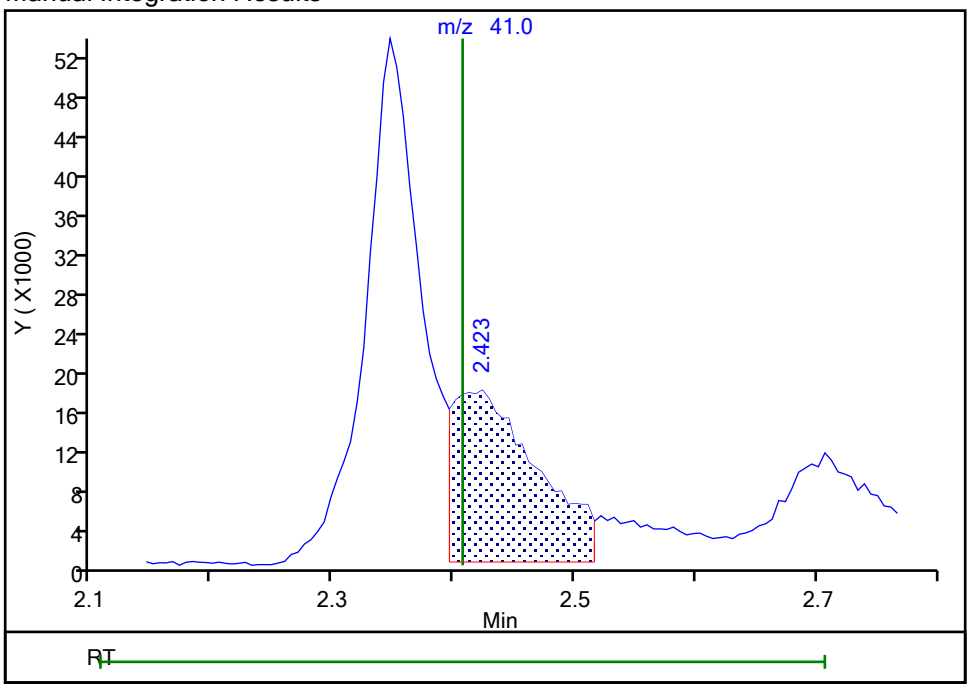
Not Detected
Expected RT: 2.41

Processing Integration Results



Manual Integration Results

RT: 2.42
Area: 85184
Amount: 199.0065
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:10:20
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

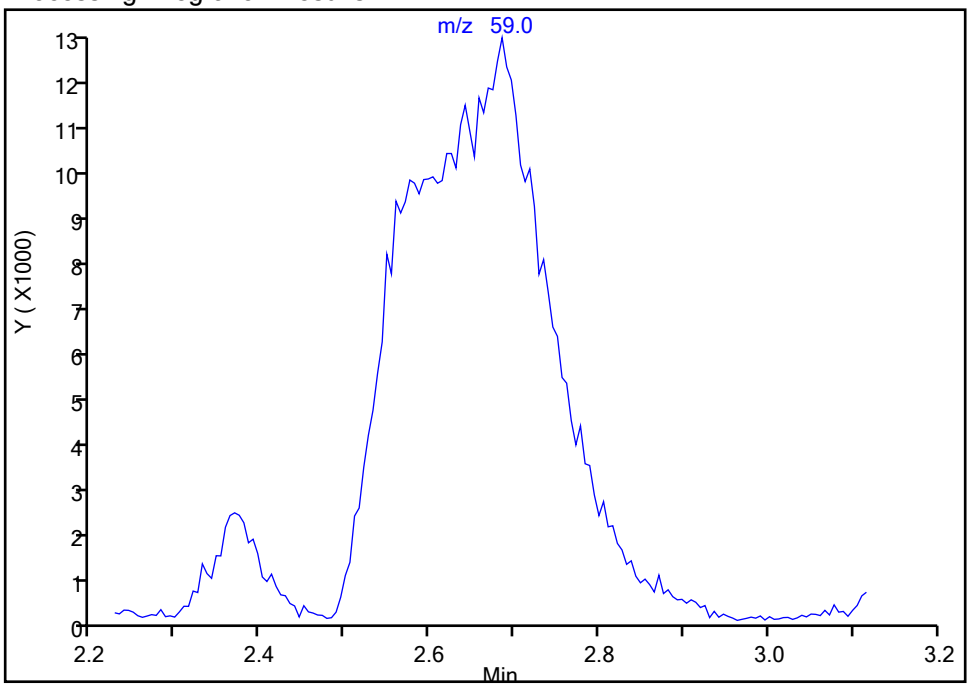
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

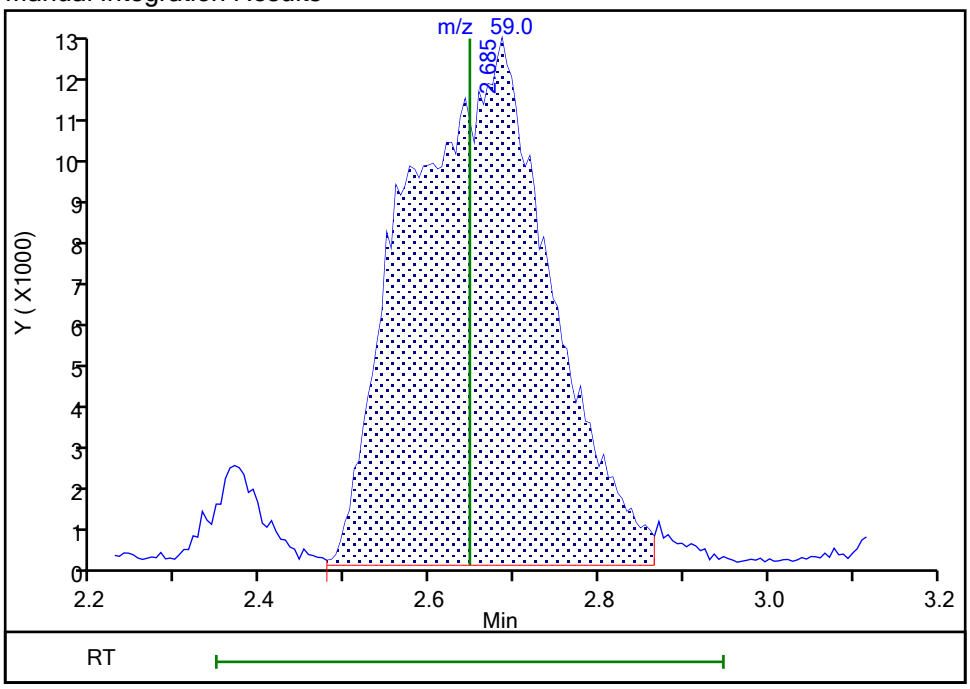
Not Detected
Expected RT: 2.65

Processing Integration Results



Manual Integration Results

RT: 2.69
Area: 146530
Amount: 195.9015
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:10:26
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

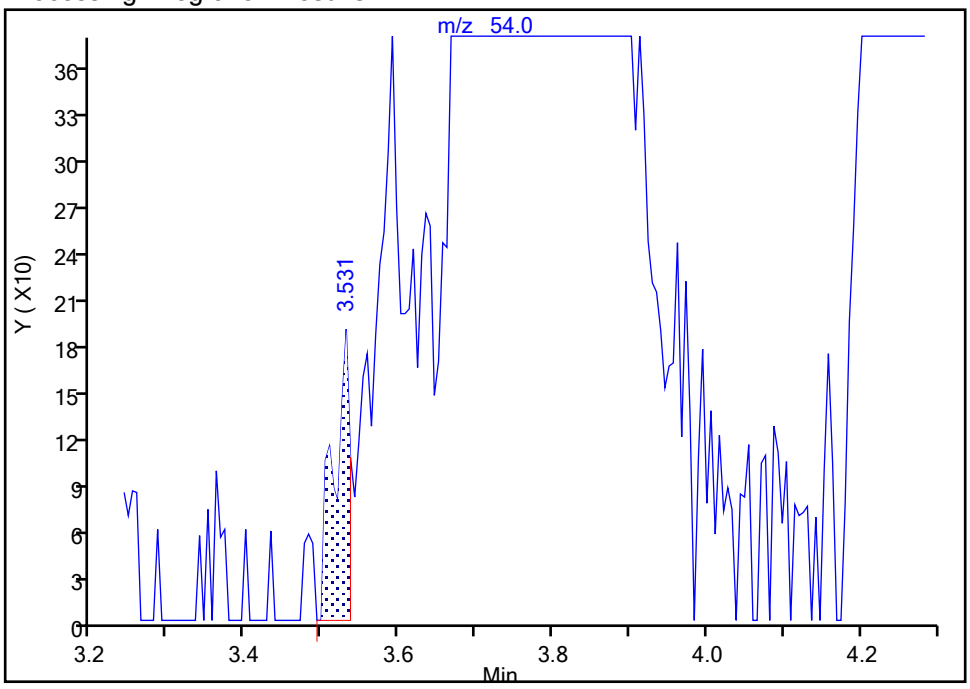
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

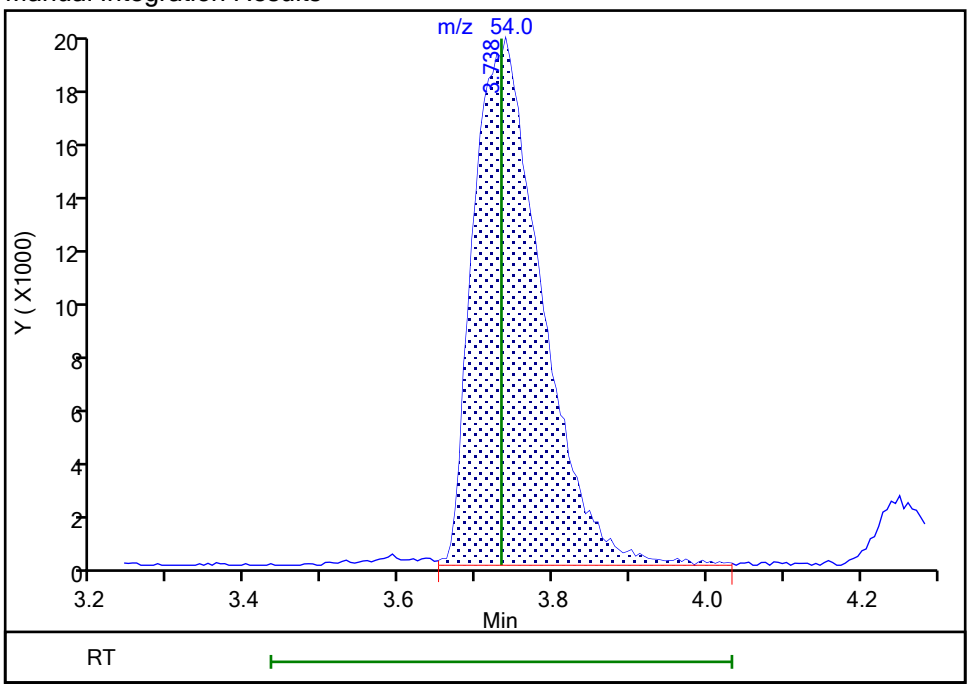
Processing Integration Results

RT: 3.53
Area: 267
Amount: 0.397542
Amount Units: ug/l



Manual Integration Results

RT: 3.74
Area: 120824
Amount: 179.8973
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:10:35
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

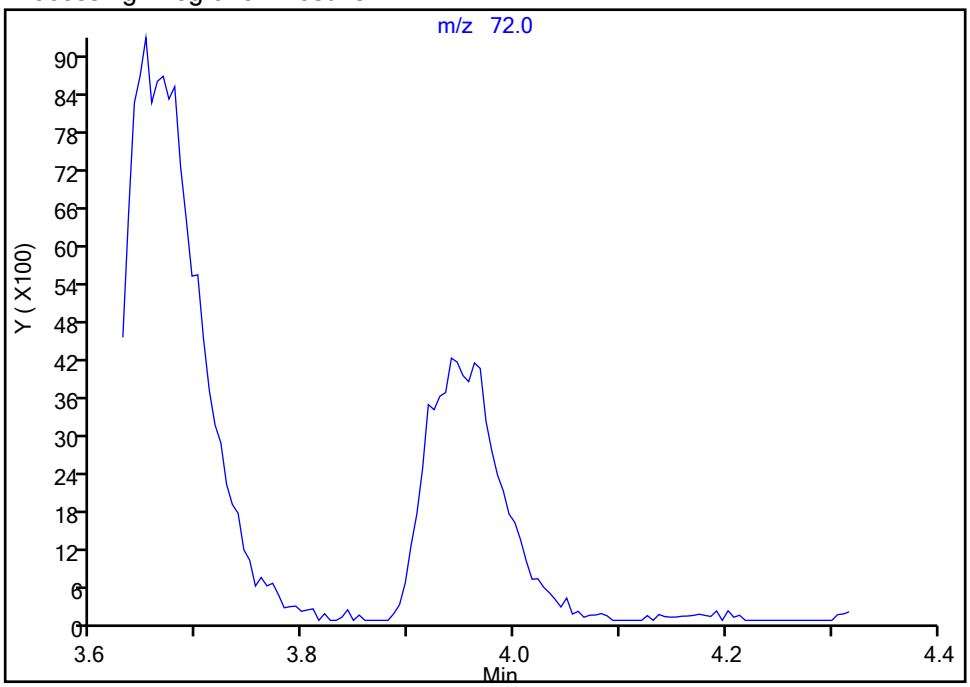
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

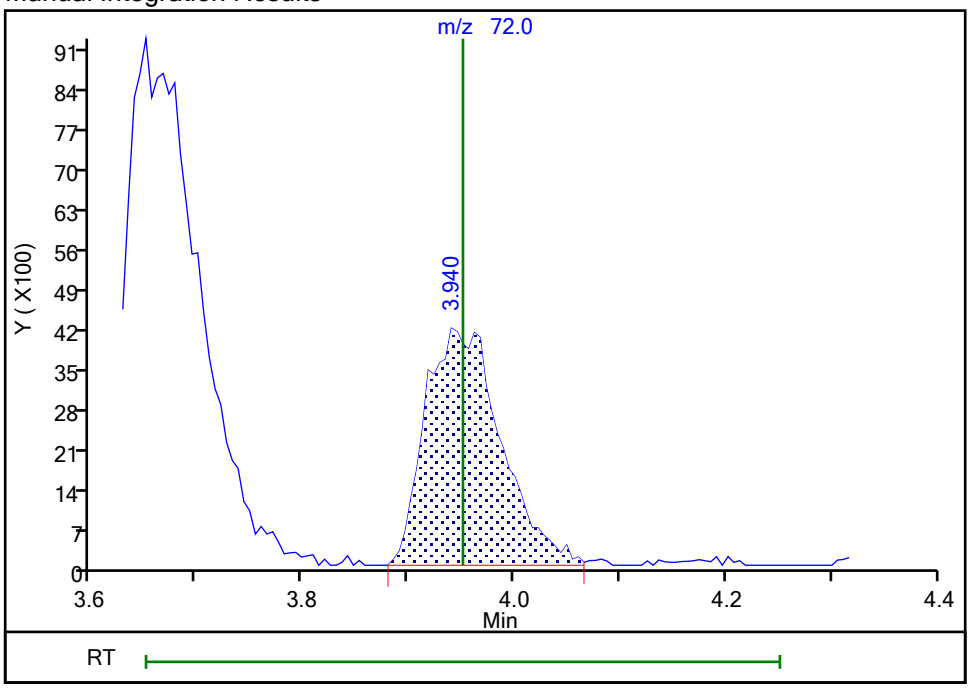
Not Detected
Expected RT: 3.95

Processing Integration Results



Manual Integration Results

RT: 3.94
Area: 20756
Amount: 41.159199
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:10:41
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

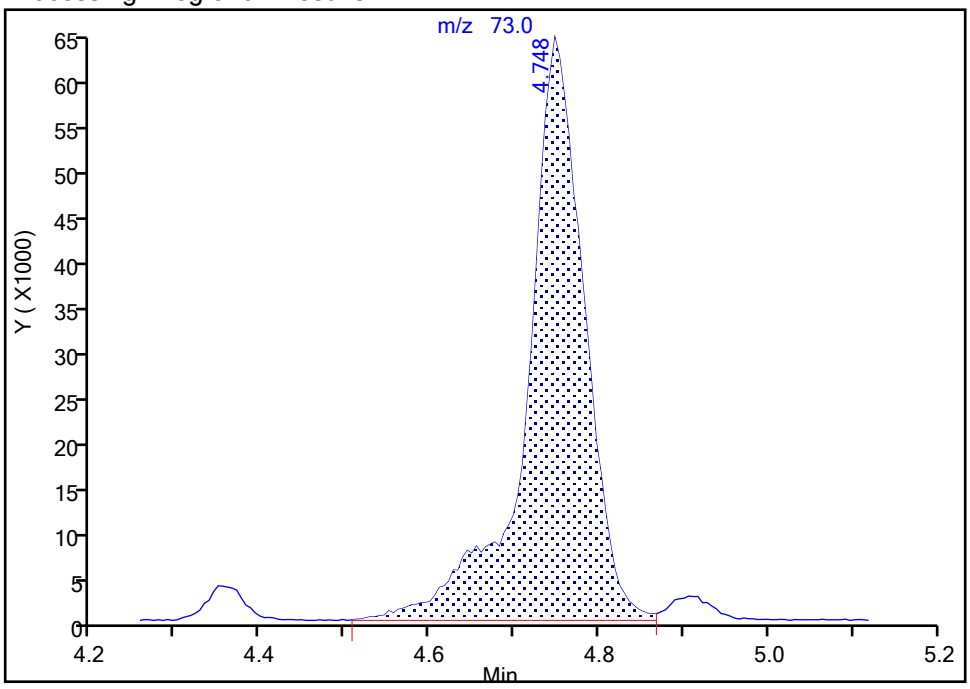
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

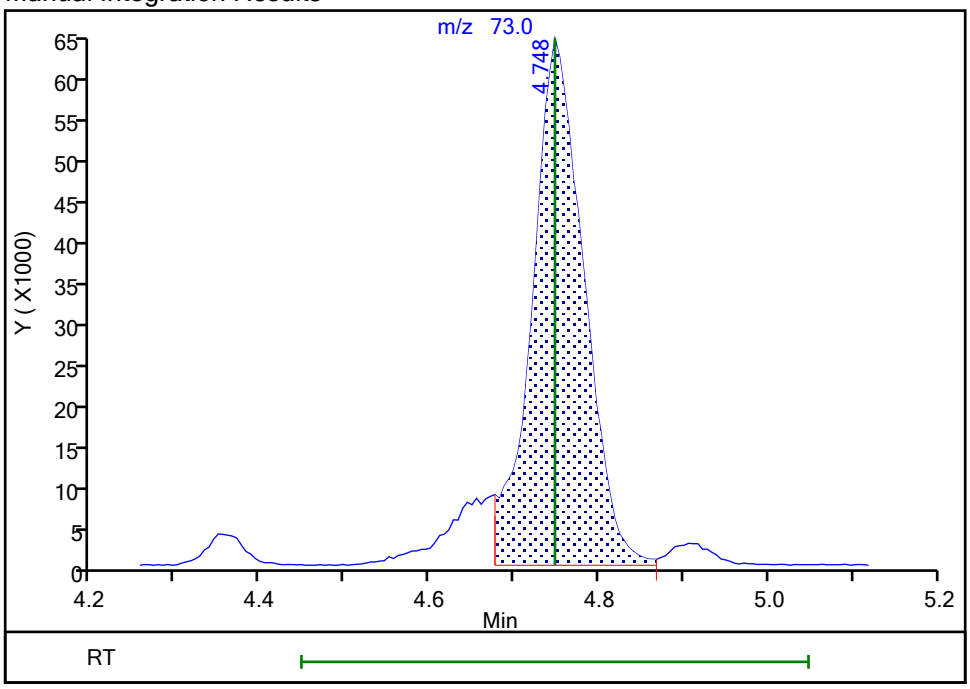
Processing Integration Results

RT: 4.75
Area: 306056
Amount: 22.491125
Amount Units: ug/l



Manual Integration Results

RT: 4.75
Area: 274194
Amount: 20.149683
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:10:51
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

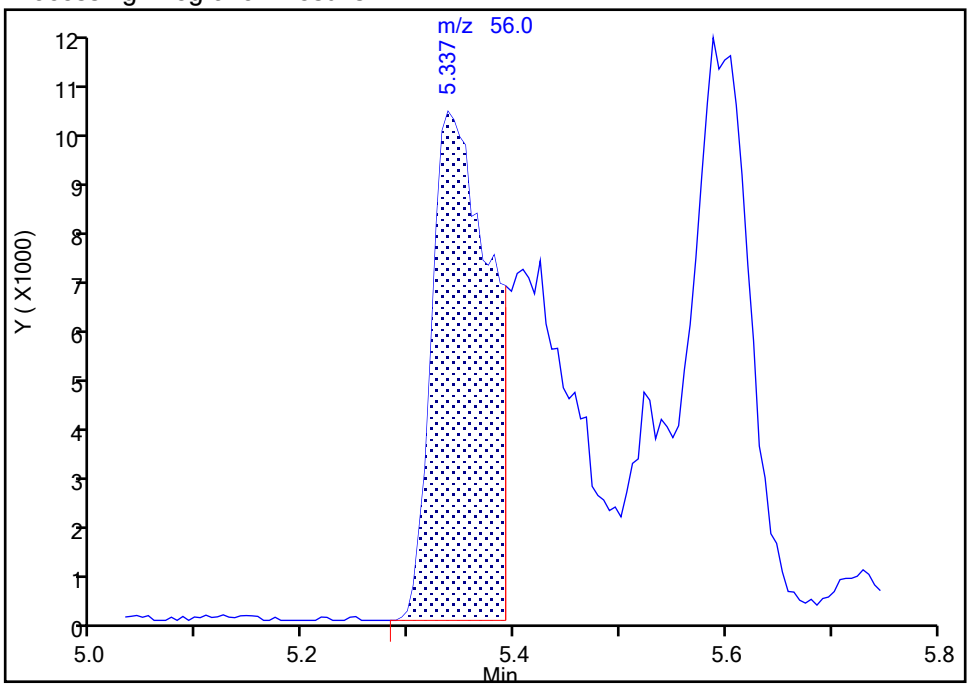
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

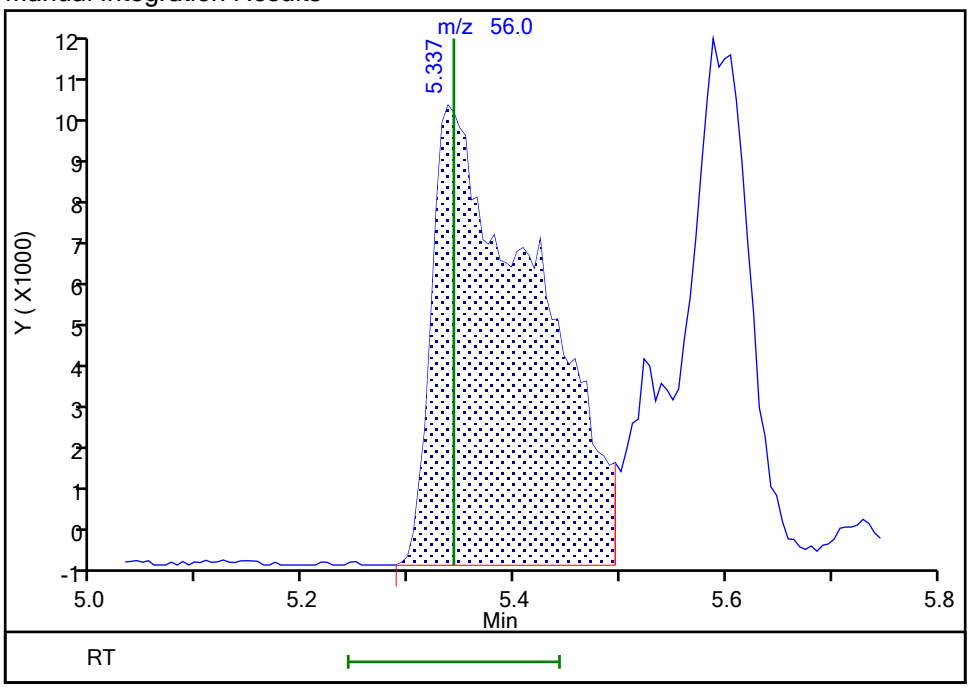
Processing Integration Results

RT: 5.34
Area: 38308
Amount: 261.7563
Amount Units: ug/l



Manual Integration Results

RT: 5.34
Area: 67762
Amount: 463.0137
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:11:03
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

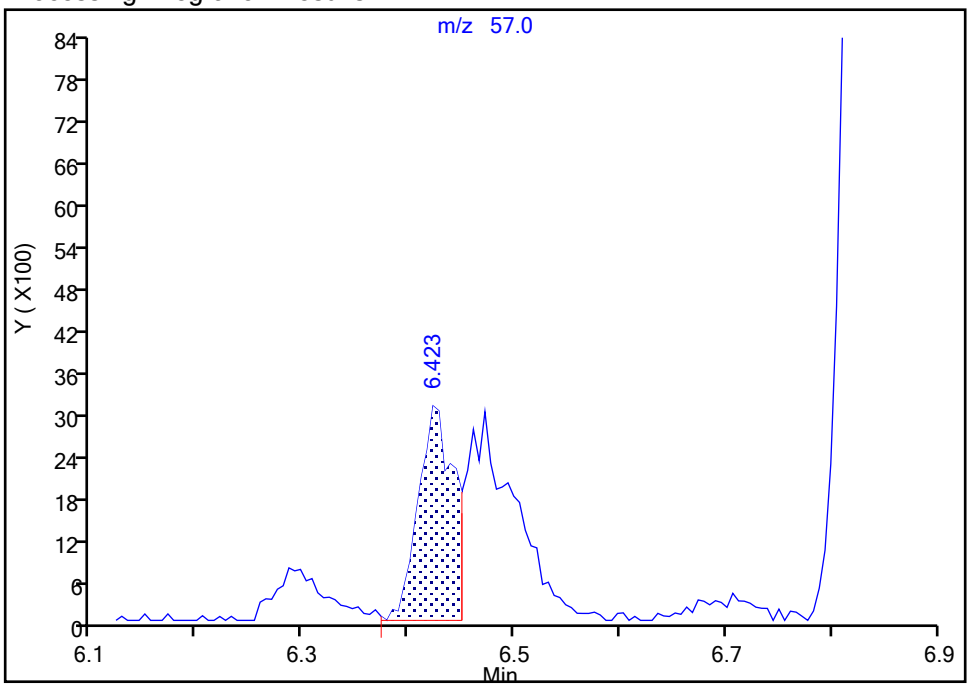
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24330.D
Injection Date: 01-Apr-2021 17:22:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

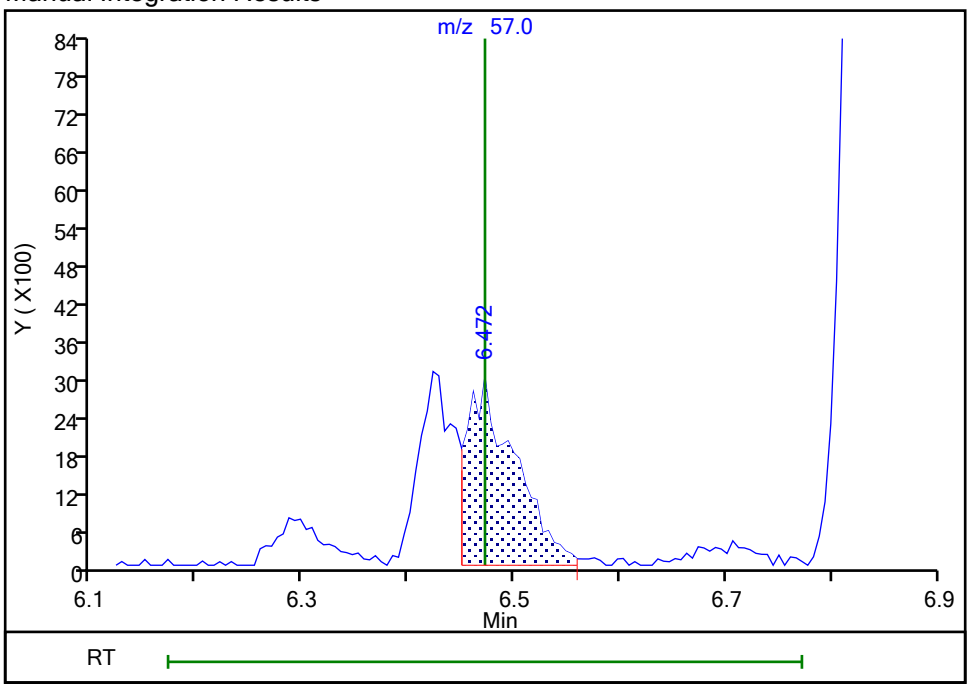
Processing Integration Results

RT: 6.42
Area: 7273
Amount: 20.377179
Amount Units: ug/l



Manual Integration Results

RT: 6.47
Area: 9576
Amount: 26.829625
Amount Units: ug/l



Reviewer: delpolitov, 02-Apr-2021 13:12:59
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-775117/3 Calibration Date: 04/30/2021 22:04

Instrument ID: CVOAMS9 Calib Start Date: 04/01/2021 11:50

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/01/2021 13:48

Lab File ID: K25574.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.6575	0.5050	0.1000	15.4	20.0	-23.2*	20.0
Chloromethane	Ave	0.8352	0.5716	0.1000	13.7	20.0	-31.6*	20.0
Butadiene	Ave	0.4322	0.3314		15.3	20.0	-23.3*	20.0
Vinyl chloride	Ave	0.6271	0.4975	0.1000	15.9	20.0	-20.7*	20.0
Bromomethane	Ave	0.3907	0.3646	0.1000	18.7	20.0	-6.7	50.0
Chloroethane	Ave	0.2661	0.2084	0.1000	15.7	20.0	-21.7	50.0
Dichlorofluoromethane	Ave	0.7095	0.7429		20.9	20.0	4.7	20.0
Pentane	Ave	0.8845	0.8386		37.9	40.0	-5.2	20.0
Trichlorofluoromethane	Ave	0.5462	0.6229	0.1000	22.8	20.0	14.0	20.0
Ethyl ether	Ave	0.1874	0.2063		22.0	20.0	10.1	20.0
2-Methyl-1,3-butadiene	Ave	0.2076	0.2259		21.8	20.0	8.8	20.0
Acrolein	Ave	0.6782	0.5173		229	300	-23.7	50.0
Ethanol	QuaF		0.0252		527	800	-34.1	50.0
1,1-Dichloroethene	Ave	0.2571	0.2824	0.1000	22.0	20.0	9.9	20.0
Acetone	Ave	0.8353	0.7335	0.0500	87.8	100	-12.2	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3298	0.3809	0.1000	23.1	20.0	15.5	20.0
Iodomethane	Ave	0.5623	0.5424		19.3	20.0	-3.5	20.0
Isopropyl alcohol	QuaF		0.4116		146	200	-27.1	50.0
Carbon disulfide	Ave	1.076	1.206	0.1000	22.4	20.0	12.1	50.0
3-Chloro-1-propene	Ave	0.2891	0.2820		19.5	20.0	-2.4	20.0
Methyl acetate	Ave	3.798	3.850	0.1000	40.5	40.0	1.4	20.0
Acetonitrile	Ave	0.5908	0.5559		188	200	-5.9	20.0
Cyclopentene	Ave	0.6339	0.7345		23.2	20.0	15.9	20.0
Methylene Chloride	Ave	0.3222	0.3488	0.1000	21.6	20.0	8.2	20.0
Acrylonitrile	Ave	0.1001	0.1113		223	200	11.3	20.0
2-Methyl-2-propanol	Ave	1.032	0.9907		192	200	-4.0	50.0
trans-1,2-Dichloroethene	Ave	0.2706	0.3048	0.1000	22.5	20.0	12.7	20.0
Methyl tert-butyl ether	Ave	0.8766	1.016	0.1000	23.2	20.0	15.9	20.0
Hexane	Ave	0.2377	0.2659		22.4	20.0	11.9	20.0
1,1-Dichloroethane	Ave	0.4588	0.5204	0.2000	22.7	20.0	13.4	20.0
Vinyl acetate	Ave	0.8822	1.025		46.5	40.0	16.2	20.0
2-Chloro-1,3-butadiene	Ave	0.2301	0.2811		24.4	20.0	22.2*	20.0
Isopropyl ether	Ave	0.9335	1.072		23.0	20.0	14.8	20.0
Tert-butyl ethyl ether	Ave	0.3618	0.4370		24.2	20.0	20.8*	20.0
cis-1,2-Dichloroethene	Ave	0.2977	0.3378	0.1000	22.7	20.0	13.5	20.0
2-Butanone (MEK)	Ave	0.2863	0.2988	0.0500	104	100	4.4	50.0
2,2-Dichloropropane	Ave	0.1562	0.1785		22.8	20.0	14.2	20.0
Propionitrile	Ave	0.9270	0.9185		198	200	-0.9	20.0
Ethyl acetate	Ave	0.2145	0.2322		43.3	40.0	8.2	20.0
Methyl acrylate	Ave	0.2833	0.3215		22.7	20.0	13.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-775117/3 Calibration Date: 04/30/2021 22:04

Instrument ID: CVOAMS9 Calib Start Date: 04/01/2021 11:50

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/01/2021 13:48

Lab File ID: K25574.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methacrylonitrile	Ave	0.0998	0.1198		240	200	20.1*	20.0
Chlorobromomethane	Ave	0.1569	0.1648		21.0	20.0	5.0	20.0
Tetrahydrofuran	Ave	0.3262	0.3256		39.9	40.0	-0.2	20.0
Chloroform	Ave	0.4485	0.5051	0.2000	22.5	20.0	12.6	20.0
1,1,1-Trichloroethane	Ave	0.4623	0.5317	0.1000	23.0	20.0	15.0	20.0
Cyclohexane	Ave	0.4901	0.5881	0.1000	24.0	20.0	20.0	50.0
1,1-Dichloropropene	Ave	0.3348	0.4116		24.6	20.0	23.0*	20.0
Carbon tetrachloride	Ave	0.3706	0.4297	0.1000	23.2	20.0	16.0	20.0
Benzene	Ave	1.218	1.256	0.5000	20.6	20.0	3.1	20.0
Isobutyl alcohol	Ave	0.0804	0.0872		542	500	8.4	50.0
1,2-Dichloroethane	Ave	0.3142	0.3517	0.1000	22.4	20.0	11.9	20.0
Isooctane	Ave	1.145	1.384		24.2	20.0	20.9*	20.0
Isopropyl acetate	Lin2		0.1240		24.7	20.0	23.6*	20.0
Tert-amyl methyl ether	Ave	0.9811	1.253		25.5	20.0	27.7*	20.0
n-Heptane	Ave	0.4179	0.5106		24.4	20.0	22.2*	20.0
Trichloroethene	Ave	0.2515	0.2921	0.2000	23.2	20.0	16.1	20.0
n-Butanol	Ave	0.2020	0.1021		253	500	-49.4	50.0
Ethyl acrylate	Ave	0.2612	0.2965		22.7	20.0	13.5	20.0
Methylcyclohexane	Ave	0.5648	0.6916	0.1000	24.5	20.0	22.5	50.0
1,2-Dichloropropane	Ave	0.2788	0.3213	0.1000	23.0	20.0	15.2	20.0
Dibromomethane	Ave	0.1616	0.1882		23.3	20.0	16.5	20.0
Methyl methacrylate	Ave	0.1552	0.2011		51.8	40.0	29.5*	20.0
1,4-Dioxane	Ave	1.109	1.237		446	400	11.5	50.0
n-Propyl acetate	Ave	0.3171	0.3855		24.3	20.0	21.6*	20.0
Dichlorobromomethane	Ave	0.3195	0.3860	0.2000	24.2	20.0	20.8*	20.0
2-Nitropropane	Lin2		0.0574		57.3	40.0	43.2*	20.0
2-Chloroethyl vinyl ether	Ave	0.1405	0.1851		26.4	20.0	31.8*	20.0
Epichlorohydrin	Ave	0.2309	0.2445		424	400	5.9	20.0
cis-1,3-Dichloropropene	Ave	0.4581	0.4942	0.2000	21.6	20.0	7.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.309	2.500	0.0500	108	100	8.3	50.0
Toluene	Ave	1.289	1.344	0.4000	20.8	20.0	4.2	20.0
trans-1,3-Dichloropropene	Ave	0.3985	0.4387	0.1000	22.0	20.0	10.1	50.0
Ethyl methacrylate	Ave	0.3483	0.3939		22.6	20.0	13.1	20.0
1,1,2-Trichloroethane	Ave	0.2100	0.2262	0.1000	21.5	20.0	7.7	20.0
Tetrachloroethene	Ave	0.3430	0.2822	0.2000	16.5	20.0	-17.7	20.0
1,3-Dichloropropane	Ave	0.4192	0.4569		21.8	20.0	9.0	20.0
2-Hexanone	Ave	1.406	1.537	0.0500	109	100	9.3	50.0
Chlorodibromomethane	Ave	0.2796	0.2911	0.1000	20.8	20.0	4.1	50.0
n-Butyl acetate	Ave	0.4126	0.4335		21.0	20.0	5.1	20.0
Ethylene Dibromide	Ave	0.2572	0.2743	0.1000	21.3	20.0	6.6	20.0
Chlorobenzene	Ave	0.8447	0.8683	0.5000	20.6	20.0	2.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-775117/3 Calibration Date: 04/30/2021 22:04

Instrument ID: CVOAMS9 Calib Start Date: 04/01/2021 11:50

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/01/2021 13:48

Lab File ID: K25574.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1,2-Tetrachloroethane	Ave	0.3775	0.3695		19.6	20.0	-2.1	20.0
Ethylbenzene	Ave	0.4698	0.4822	0.1000	20.5	20.0	2.7	20.0
m-Xylene & p-Xylene	Ave	0.5818	0.5947	0.1000	20.4	20.0	2.2	20.0
o-Xylene	Ave	0.6154	0.6405	0.3000	20.8	20.0	4.1	20.0
Styrene	Ave	0.9095	0.9454	0.3000	20.8	20.0	3.9	20.0
n-Butyl acrylate	Ave	0.2134	0.2455		23.0	20.0	15.0	20.0
Bromoform	Ave	0.2042	0.2004	0.1000	19.6	20.0	-1.9	20.0
Amyl acetate (mixed isomers)	Ave	0.7510	0.9764		26.0	20.0	30.0*	20.0
Isopropylbenzene	Ave	1.693	1.782	0.1000	21.0	20.0	5.2	20.0
Bromobenzene	Ave	0.6397	0.6295		19.7	20.0	-1.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6428	0.8016	0.3000	24.9	20.0	24.7*	20.0
1,2,3-Trichloropropane	Ave	0.1739	0.2035		23.4	20.0	17.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1491	0.1671		22.4	20.0	12.0	20.0
N-Propylbenzene	Ave	2.899	3.464		23.9	20.0	19.5	20.0
2-Chlorotoluene	Ave	1.740	2.074		23.8	20.0	19.2	20.0
4-Ethyltoluene	Ave	2.390	2.835		23.7	20.0	18.6	20.0
4-Chlorotoluene	Ave	1.836	2.210		24.1	20.0	20.3*	20.0
1,3,5-Trimethylbenzene	Ave	2.283	2.665		23.3	20.0	16.7	20.0
Butyl Methacrylate	Ave	0.6464	0.9252		28.6	20.0	43.1*	20.0
tert-Butylbenzene	Ave	1.816	2.079		22.9	20.0	14.5	20.0
1,2,4-Trimethylbenzene	Ave	2.294	2.682		23.4	20.0	16.9	20.0
sec-Butylbenzene	Ave	2.927	3.707		25.3	20.0	26.7*	20.0
1,3-Dichlorobenzene	Ave	1.224	1.245	0.6000	20.3	20.0	1.7	20.0
4-Isopropyltoluene	Ave	2.631	3.002		22.8	20.0	14.1	20.0
1,4-Dichlorobenzene	Ave	1.242	1.255	0.5000	20.2	20.0	1.0	20.0
1,2,3-Trimethylbenzene	Ave	2.500	2.945		23.6	20.0	17.8	20.0
Benzyl chloride	Ave	1.098	1.418		25.8	20.0	29.1	50.0
Indan	Ave	2.307	2.657		23.0	20.0	15.2	20.0
1,2-Dichlorobenzene	Ave	1.286	1.302	0.4000	20.3	20.0	1.3	20.0
p-Diethylbenzene	Ave	1.356	1.529		22.6	20.0	12.8	20.0
n-Butylbenzene	Ave	1.327	1.589		23.9	20.0	19.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.547	3.121		24.5	20.0	22.5*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1880	0.1974	0.0500	21.0	20.0	5.0	50.0
1,3,5-Trichlorobenzene	Ave	1.238	1.092		17.6	20.0	-11.8	20.0
1,2,4-Trichlorobenzene	Ave	1.193	1.030	0.2000	17.3	20.0	-13.6	20.0
Hexachlorobutadiene	Ave	0.6161	0.4962		16.1	20.0	-19.5	20.0
Naphthalene	Ave	2.651	3.060		23.1	20.0	15.4	50.0
1,2,3-Trichlorobenzene	Ave	1.245	1.124		18.1	20.0	-9.7	20.0
Dibromofluoromethane (Surr)	Ave	0.3480	0.3812		54.8	50.0	9.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3305	0.3817		57.8	50.0	15.5	20.0
Toluene-d8 (Surr)	Ave	1.569	1.589		50.7	50.0	1.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-775117/3 Calibration Date: 04/30/2021 22:04

Instrument ID: CVOAMS9 Calib Start Date: 04/01/2021 11:50

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/01/2021 13:48

Lab File ID: K25574.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Bromofluorobenzene	Ave	0.5490	0.4431		40.4	50.0	-19.3	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Apr-2021 22:04:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub45

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-May-2021 09:13:27 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1655

First Level Reviewer: boykink Date: 01-May-2021 02:30:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.092	1.092	0.000	98	145666	20.0	15.4	M
6 Chloromethane	50	1.228	1.228	0.000	98	164867	20.0	13.7	
7 Butadiene	54	1.261	1.261	0.000	89	95593	20.0	15.3	
8 Vinyl chloride	62	1.283	1.283	0.000	97	143499	20.0	15.9	
9 Bromomethane	94	1.490	1.490	0.000	97	105164	20.0	18.7	
10 Chloroethane	64	1.512	1.512	0.000	98	60100	20.0	15.7	
11 Dichlorofluoromethane	67	1.665	1.665	0.000	99	214289	20.0	20.9	
13 Pentane	72	1.709	1.709	0.000	97	26547	40.0	37.9	
12 Trichlorofluoromethane	101	1.736	1.736	0.000	95	179664	20.0	22.8	
15 Ethyl ether	59	1.856	1.856	0.000	96	59510	20.0	22.0	
16 2-Methyl-1,3-butadiene	53	1.883	1.883	0.000	97	65170	20.0	21.8	
19 Acrolein	56	1.960	1.960	0.000	93	122826	300.0	228.8	
14 Ethanol	46	1.987	1.987	0.000	67	15971	800.0	527.1	a
21 1,1-Dichloroethene	96	2.041	2.041	0.000	97	81470	20.0	22.0	
22 Acetone	43	2.080	2.080	0.000	95	136284	100.0	87.8	
20 112TCTFE	101	2.085	2.085	0.000	93	109866	20.0	23.1	
23 Iodomethane	142	2.167	2.167	0.000	97	156454	20.0	19.3	
24 Isopropyl alcohol	45	2.194	2.194	0.000	27	65143	200.0	145.7	M
25 Carbon disulfide	76	2.211	2.211	0.000	99	347805	20.0	22.4	
26 3-Chloro-1-propene	39	2.331	2.331	0.000	94	81340	20.0	19.5	
27 Methyl acetate	43	2.352	2.352	0.000	98	121882	40.0	40.5	
29 Acetonitrile	41	2.402	2.402	0.000	35	87988	200.0	188.2	Ma
28 Cyclopentene	67	2.407	2.407	0.000	95	211871	20.0	23.2	
31 Methylene Chloride	84	2.434	2.434	0.000	91	100600	20.0	21.6	
* 30 TBA-d9 (IS)	65	2.587	2.587	0.000	84	791430	1000.0	1000.0	
35 Acrylonitrile	53	2.653	2.653	0.000	96	321144	200.0	222.5	
32 2-Methyl-2-propanol	59	2.663	2.663	0.000	40	156819	200.0	191.9	a
34 trans-1,2-Dichloroethene	96	2.674	2.674	0.000	93	87928	20.0	22.5	
33 Methyl tert-butyl ether	73	2.696	2.696	0.000	97	293144	20.0	23.2	
36 Hexane	43	2.936	2.936	0.000	92	76695	20.0	22.4	
38 1,1-Dichloroethane	63	3.062	3.062	0.000	99	150095	20.0	22.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Vinyl acetate	86	3.122	3.122	0.000	100	32462	40.0	46.5	
40 2-Chloro-1,3-butadiene	88	3.149	3.149	0.000	91	81093	20.0	24.4	
37 Isopropyl ether	45	3.155	3.155	0.000	87	309151	20.0	23.0	
41 Tert-butyl ethyl ether	87	3.515	3.504	0.011	91	126058	20.0	24.2	
* 42 2-Butanone-d5	46	3.575	3.575	0.000	96	464492	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.624	3.624	0.000	98	97451	20.0	22.7	
46 2-Butanone (MEK)	72	3.635	3.635	0.000	91	55517	100.0	104.4	a
43 2,2-Dichloropropane	79	3.651	3.651	0.000	95	51481	20.0	22.8	
48 Propionitrile	54	3.717	3.717	0.000	85	145392	200.0	198.2	a
45 Ethyl acetate	70	3.722	3.722	0.000	98	17258	40.0	43.3	
47 Methyl acrylate	55	3.738	3.738	0.000	99	92745	20.0	22.7	
51 Methacrylonitrile	67	3.864	3.864	0.000	89	345689	200.0	240.2	
50 Chlorobromomethane	128	3.869	3.869	0.000	50	47547	20.0	21.0	
49 Tetrahydrofuran	72	3.924	3.924	0.000	78	24198	40.0	39.9	
52 Chloroform	83	3.973	3.973	0.000	99	145694	20.0	22.5	
$ 55 Dibromofluoromethane (Surr)	113	4.142	4.142	0.000	96	274920	50.0	54.8	
54 1,1,1-Trichloroethane	97	4.169	4.169	0.000	97	153356	20.0	23.0	
53 Cyclohexane	84	4.235	4.235	0.000	89	169648	20.0	24.0	
57 1,1-Dichloropropene	75	4.344	4.344	0.000	98	118721	20.0	24.6	
56 Carbon tetrachloride	117	4.344	4.344	0.000	84	123947	20.0	23.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.497	4.497	0.000	0	275238	50.0	57.8	
60 Benzene	78	4.562	4.562	0.000	94	358016	20.0	20.6	
64 1,2-Dichloroethane	62	4.584	4.584	0.000	97	101451	20.0	22.4	
59 Isooctane	57	4.688	4.688	0.000	95	399215	20.0	24.2	
62 Isopropyl acetate	61	4.704	4.715	-0.011	97	35773	20.0	24.7	a
58 Isobutyl alcohol	74	4.568	4.568	0.000	44	34489	500.0	541.8	a
63 Tert-amyl methyl ether	73	4.731	4.731	0.000	92	361405	20.0	25.5	
* 66 Fluorobenzene	96	4.890	4.890	0.000	99	721115	50.0	50.0	
65 n-Heptane	43	4.922	4.912	0.010	91	147268	20.0	24.4	a
69 Trichloroethene	95	5.332	5.332	0.000	98	84241	20.0	23.2	
68 n-Butanol	56	5.386	5.386	0.000	64	40411	500.0	252.8	
70 Ethyl acrylate	55	5.512	5.506	0.006	98	85535	20.0	22.7	
71 Methylcyclohexane	83	5.572	5.572	0.000	92	199497	20.0	24.5	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	93	92674	20.0	23.0	
* 73 1,4-Dioxane-d8	96	5.714	5.714	0.000	30	44352	1000.0	1000.0	
77 Dibromomethane	93	5.735	5.735	0.000	96	54282	20.0	23.3	
74 Methyl methacrylate	69	5.801	5.801	0.000	90	116005	40.0	51.8	
75 1,4-Dioxane	88	5.834	5.834	0.000	28	21939	400.0	445.9	Ma
76 n-Propyl acetate	43	5.905	5.905	0.000	98	111189	20.0	24.3	
78 Dichlorobromomethane	83	5.965	5.965	0.000	99	111342	20.0	24.2	
79 2-Nitropropane	41	6.265	6.265	0.000	97	33120	40.0	57.3	
67 2-Chloroethyl vinyl ether	63	6.401	6.401	0.000	93	53516	20.0	26.4	
80 Epichlorohydrin	57	6.450	6.450	0.000	98	181700	400.0	423.6	
81 cis-1,3-Dichloropropene	75	6.559	6.559	0.000	89	140918	20.0	21.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.821	6.821	0.000	95	464558	100.0	108.3	
$ 83 Toluene-d8 (Surr)	98	6.925	6.925	0.000	99	1132970	50.0	50.7	
84 Toluene	91	7.012	7.012	0.000	93	383140	20.0	20.8	
85 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	94	125079	20.0	22.0	
86 Ethyl methacrylate	69	7.558	7.558	0.000	88	112312	20.0	22.6	a
87 1,1,2-Trichloroethane	83	7.607	7.607	0.000	95	64484	20.0	21.5	
88 Tetrachloroethene	166	7.787	7.787	0.000	93	80473	20.0	16.5	
89 1,3-Dichloropropane	76	7.842	7.842	0.000	90	130256	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	8.027	8.027	0.000	95	285499	100.0	109.3	
92 Chlorodibromomethane	129	8.158	8.158	0.000	98	83010	20.0	20.8	
91 n-Butyl acetate	43	8.273	8.273	0.000	98	123593	20.0	21.0	
93 Ethylene Dibromide	107	8.294	8.294	0.000	98	78197	20.0	21.3	
* 94 Chlorobenzene-d5	117	9.031	9.031	0.000	84	712794	50.0	50.0	
95 Chlorobenzene	112	9.069	9.069	0.000	97	247580	20.0	20.6	
97 1,1,1,2-Tetrachloroethane	131	9.227	9.227	0.000	97	105346	20.0	19.6	
96 Ethylbenzene	106	9.288	9.288	0.000	98	137492	20.0	20.5	
98 m-Xylene & p-Xylene	106	9.484	9.484	0.000	0	169570	20.0	20.4	
100 o-Xylene	106	10.046	10.046	0.000	93	182632	20.0	20.8	
101 Styrene	104	10.068	10.068	0.000	95	269564	20.0	20.8	
99 n-Butyl acrylate	73	10.106	10.106	0.000	98	69989	20.0	23.0	
103 Bromoform	173	10.259	10.259	0.000	95	57135	20.0	19.6	
102 Amyl acetate (mixed isomers)	43	10.412	10.412	0.000	92	156300	20.0	26.0	
104 Isopropylbenzene	105	10.526	10.526	0.000	95	508008	20.0	21.0	
$ 105 4-Bromofluorobenzene	174	10.673	10.673	0.000	88	315834	50.0	40.4	
106 Bromobenzene	156	10.810	10.810	0.000	98	100773	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	10.875	10.875	0.000	99	128310	20.0	24.9	
109 1,2,3-Trichloropropane	110	10.892	10.892	0.000	98	32579	20.0	23.4	
110 trans-1,4-Dichloro-2-butene	53	10.935	10.935	0.000	94	26743	20.0	22.4	
108 N-Propylbenzene	91	10.984	10.984	0.000	100	554484	20.0	23.9	
111 2-Chlorotoluene	91	11.039	11.039	0.000	96	331985	20.0	23.8	
112 4-Ethyltoluene	105	11.104	11.104	0.000	99	453754	20.0	23.7	
114 4-Chlorotoluene	91	11.154	11.154	0.000	98	353765	20.0	24.1	
113 1,3,5-Trimethylbenzene	105	11.175	11.175	0.000	92	426649	20.0	23.3	
115 Butyl Methacrylate	87	11.323	11.323	0.000	88	148096	20.0	28.6	
116 tert-Butylbenzene	119	11.486	11.486	0.000	94	332873	20.0	22.9	
117 1,2,4-Trimethylbenzene	105	11.530	11.530	0.000	97	429273	20.0	23.4	
118 sec-Butylbenzene	105	11.688	11.688	0.000	99	593443	20.0	25.3	
120 1,3-Dichlorobenzene	146	11.759	11.759	0.000	96	199371	20.0	20.3	
* 121 1,4-Dichlorobenzene-d4	152	11.825	11.825	0.000	96	400192	50.0	50.0	
119 4-Isopropyltoluene	119	11.830	11.830	0.000	98	480594	20.0	22.8	
122 1,4-Dichlorobenzene	146	11.841	11.841	0.000	96	200964	20.0	20.2	
123 1,2,3-Trimethylbenzene	105	11.907	11.907	0.000	98	471465	20.0	23.6	
124 Benzyl chloride	91	11.972	11.972	0.000	99	226925	20.0	25.8	
125 2,3-Dihydroindene	117	12.065	12.065	0.000	94	425272	20.0	23.0	
128 1,2-Dichlorobenzene	146	12.158	12.158	0.000	96	208437	20.0	20.3	
126 p-Diethylbenzene	119	12.168	12.168	0.000	91	244805	20.0	22.6	a
127 n-Butylbenzene	92	12.185	12.185	0.000	98	254401	20.0	23.9	
129 1,2,4,5-Tetramethylbenzene	119	12.791	12.791	0.000	97	499558	20.0	24.5	
130 1,2-Dibromo-3-Chloropropane	157	12.796	12.796	0.000	88	31601	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	12.960	12.960	0.000	97	174806	20.0	17.6	
132 1,2,4-Trichlorobenzene	180	13.418	13.418	0.000	94	164938	20.0	17.3	
133 Hexachlorobutadiene	225	13.554	13.554	0.000	94	79438	20.0	16.1	
134 Naphthalene	128	13.587	13.587	0.000	99	489833	20.0	23.1	
135 1,2,3-Trichlorobenzene	180	13.762	13.762	0.000	95	179898	20.0	18.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	45.2	
S 137 Xylenes, Total	100				0		40.0	41.3	
S 139 Total BTEX	1				0		100.0	103.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00418	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00136	Amount Added:	2.00	Units: uL	
ACROLEIN W_00123	Amount Added:	3.00	Units: uL	
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-May-2021 09:13:29 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D

Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9 Operator ID:

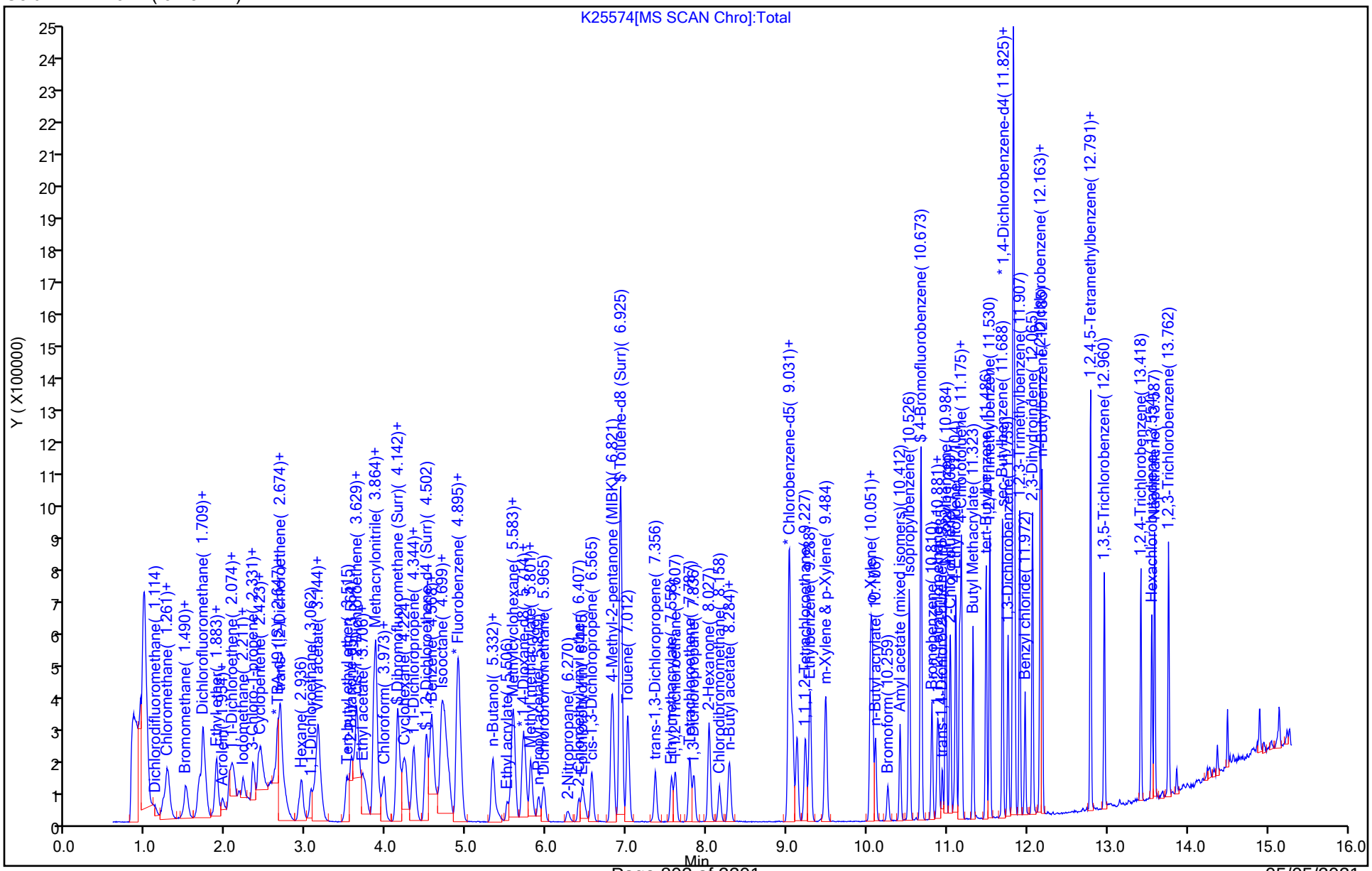
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

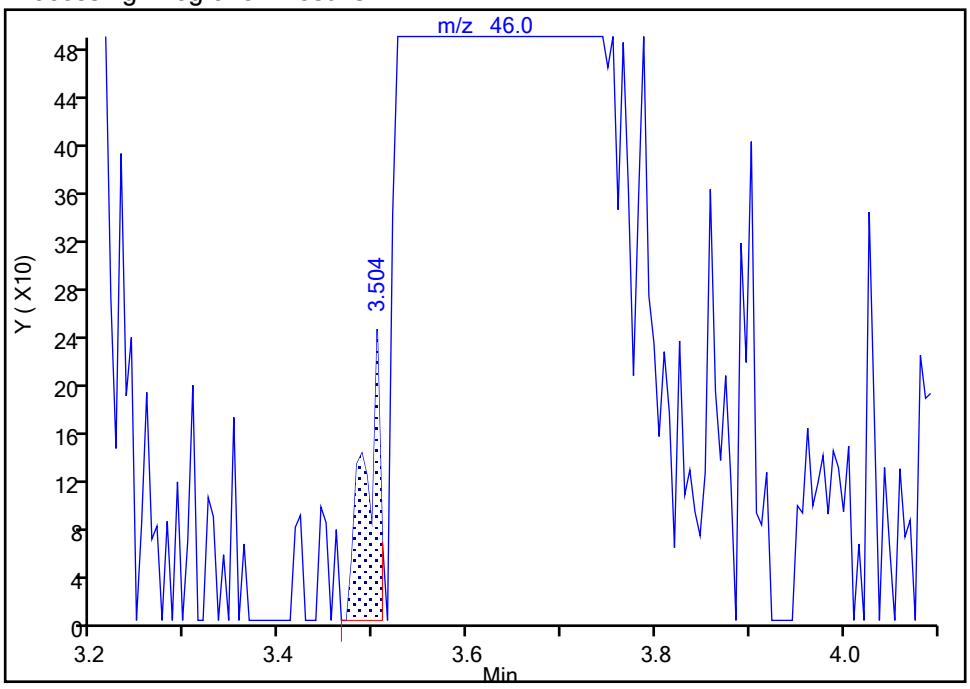
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

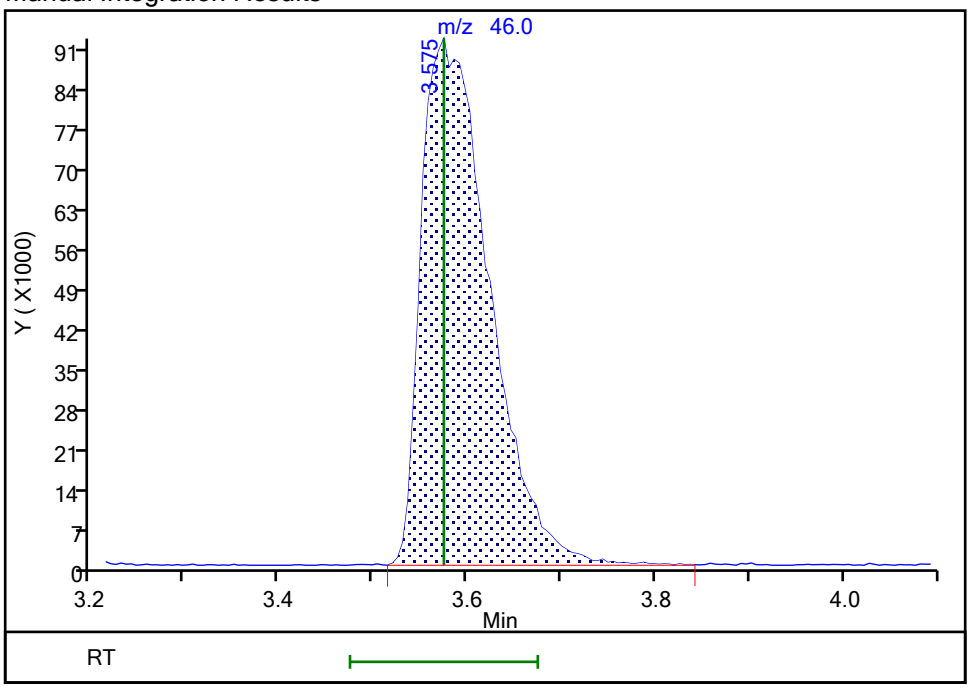
Processing Integration Results

RT: 3.50
Area: 272
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.57
Area: 464492
Amount: 250.0000
Amount Units: ug/l



Reviewer: boykink, 30-Apr-2021 22:44:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

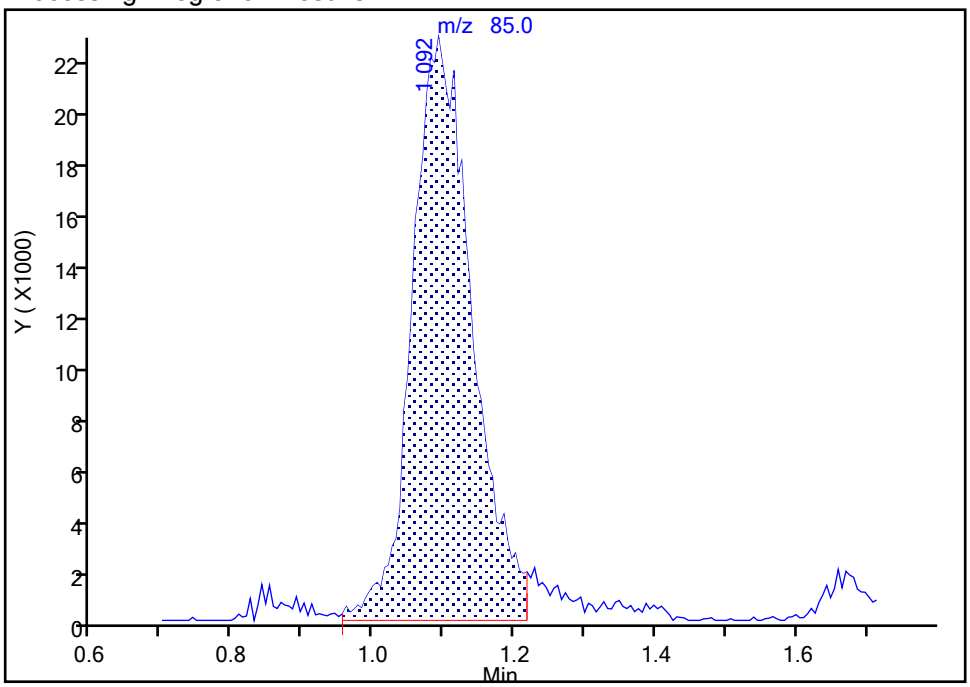
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

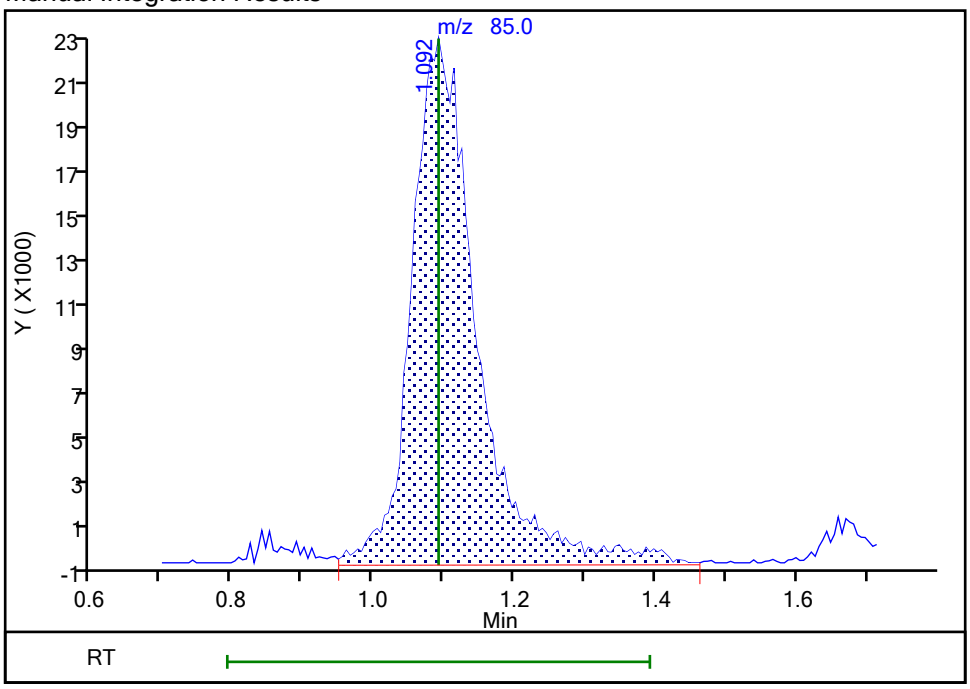
Processing Integration Results

RT: 1.09
Area: 133389
Amount: 14.066984
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 145666
Amount: 15.361696
Amount Units: ug/l



Reviewer: boykink, 01-May-2021 00:41:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

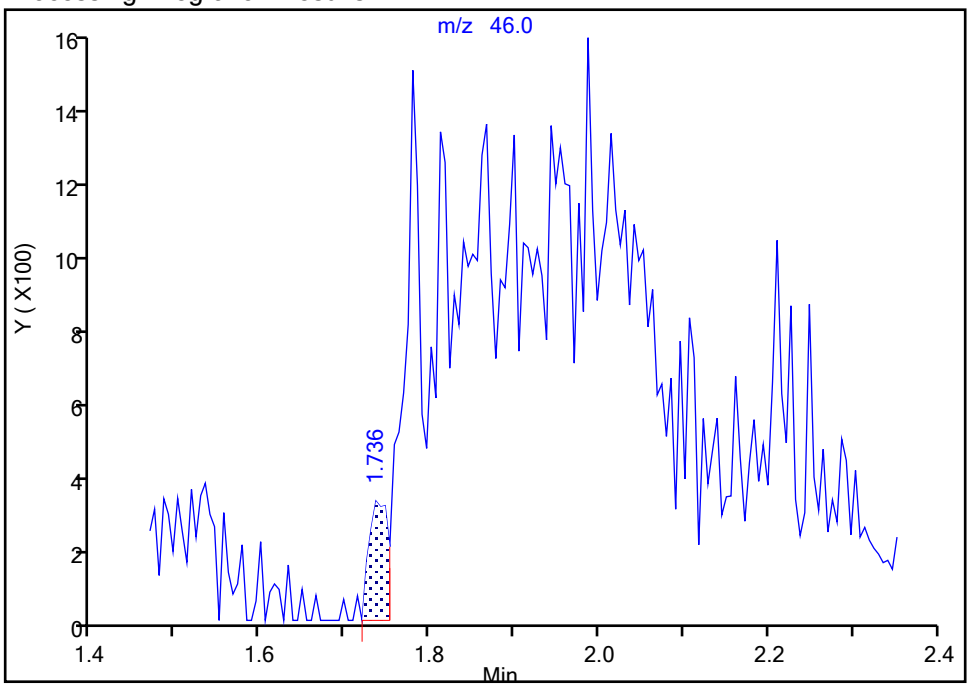
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

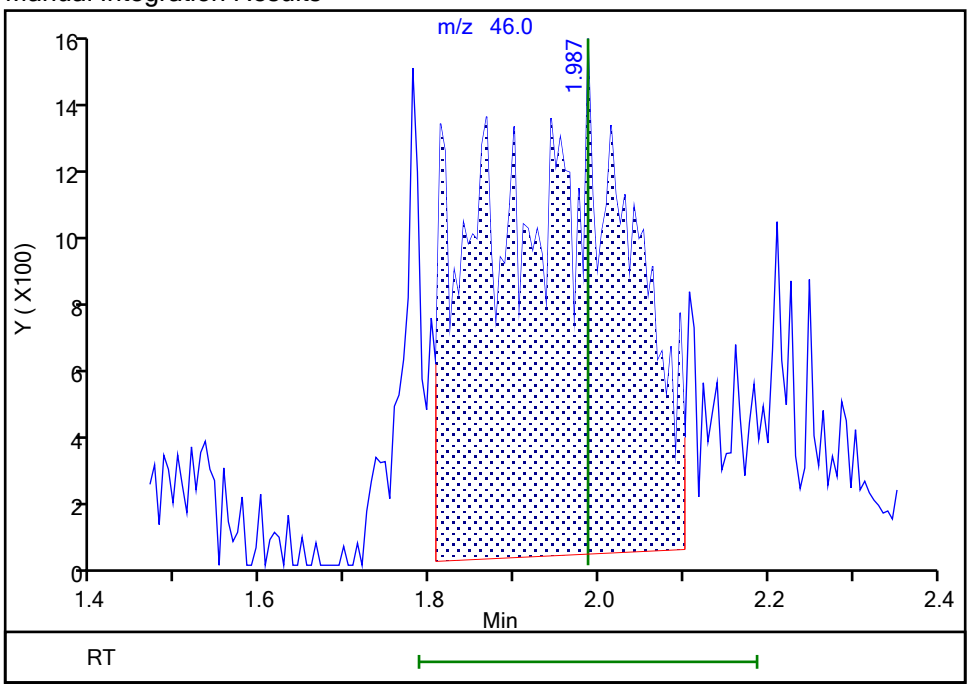
Processing Integration Results

RT: 1.74
Area: 484
Amount: 15.825503
Amount Units: ug/l



Manual Integration Results

RT: 1.99
Area: 15971
Amount: 527.1137
Amount Units: ug/l



Reviewer: boykink, 30-Apr-2021 22:45:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

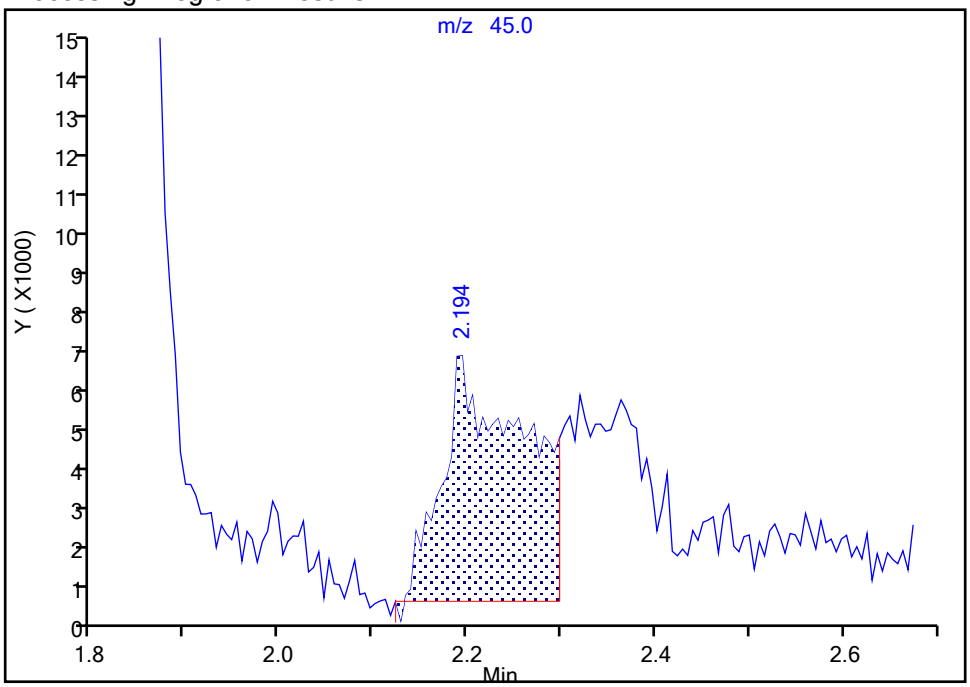
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

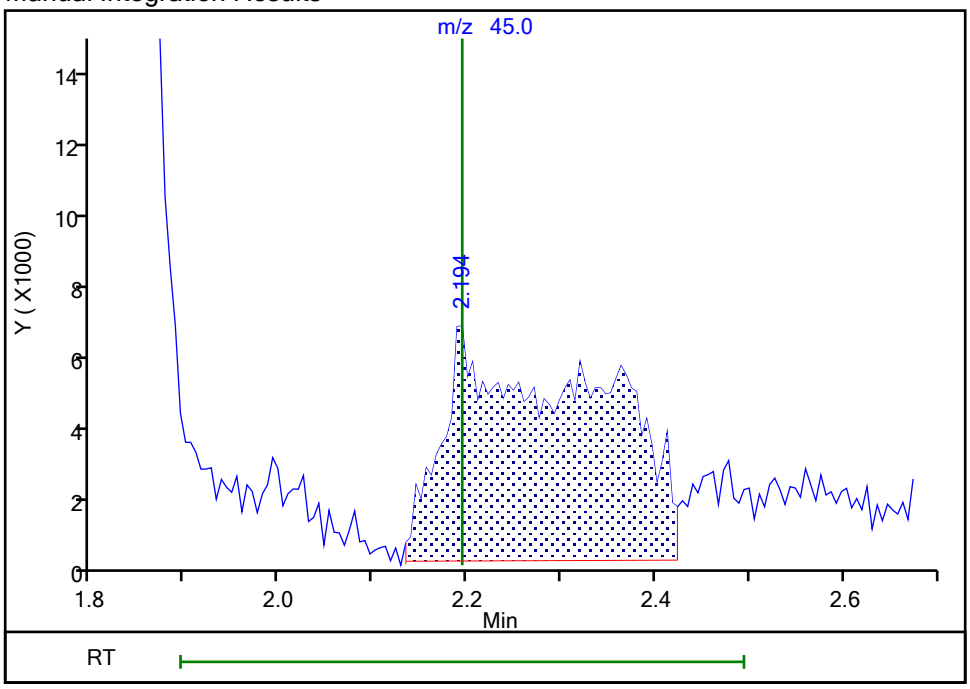
Processing Integration Results

RT: 2.19
Area: 33594
Amount: 74.984585
Amount Units: ug/l



Manual Integration Results

RT: 2.19
Area: 65143
Amount: 145.7136
Amount Units: ug/l



Reviewer: baronm, 01-May-2021 09:09:06
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

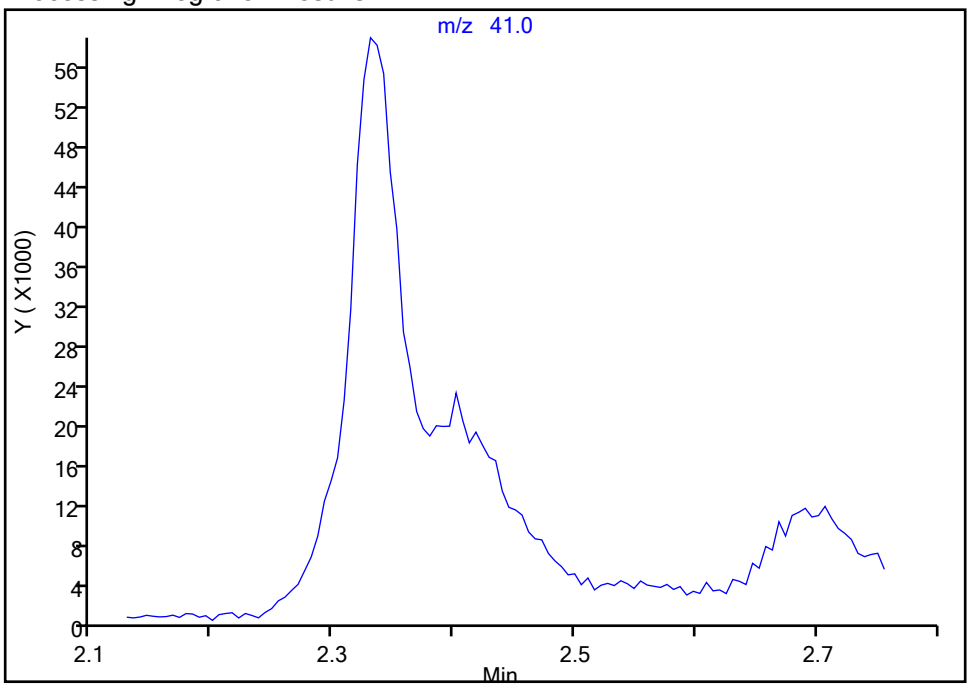
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

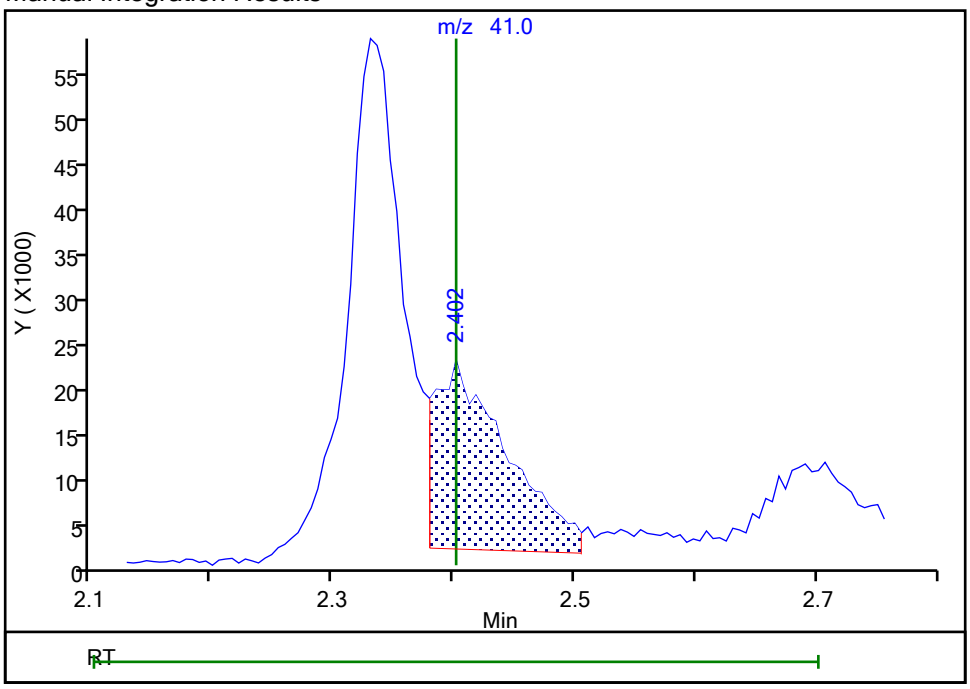
Not Detected
Expected RT: 2.40

Processing Integration Results



Manual Integration Results

RT: 2.40
Area: 87988
Amount: 188.1836
Amount Units: ug/l



Reviewer: boykink, 01-May-2021 00:42:21
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

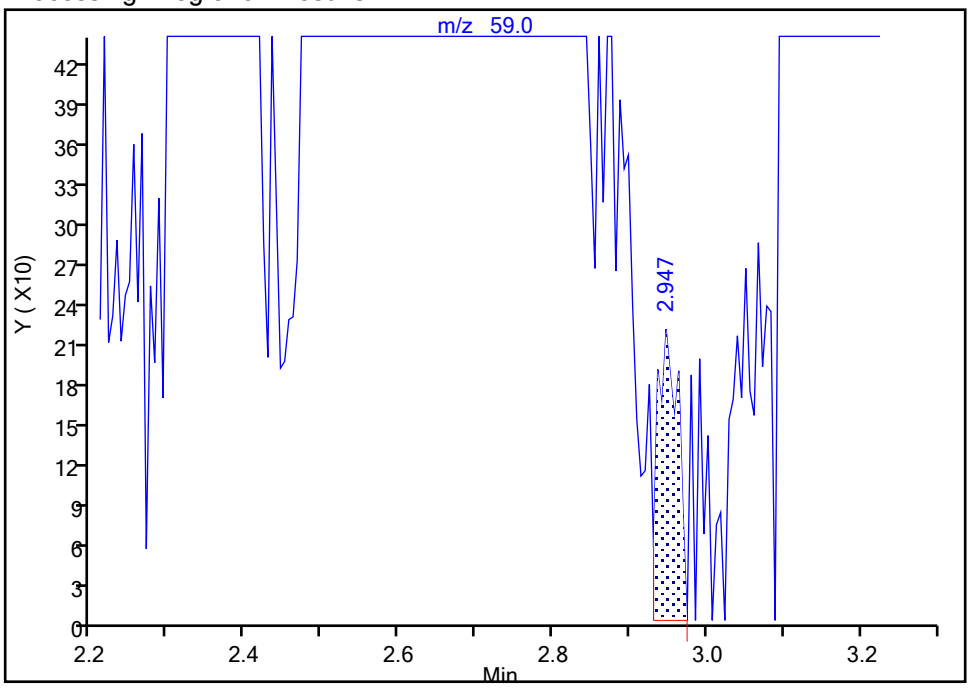
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

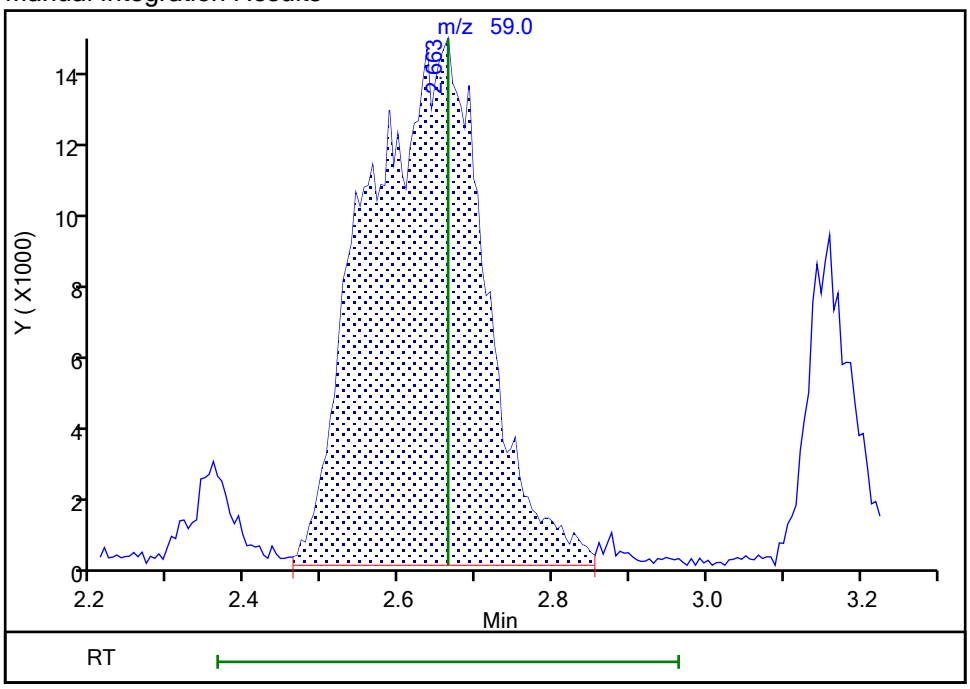
Processing Integration Results

RT: 2.95
Area: 398
Amount: 0.487129
Amount Units: ug/l



Manual Integration Results

RT: 2.66
Area: 156819
Amount: 191.9372
Amount Units: ug/l



Reviewer: boykink, 01-May-2021 00:42:32
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

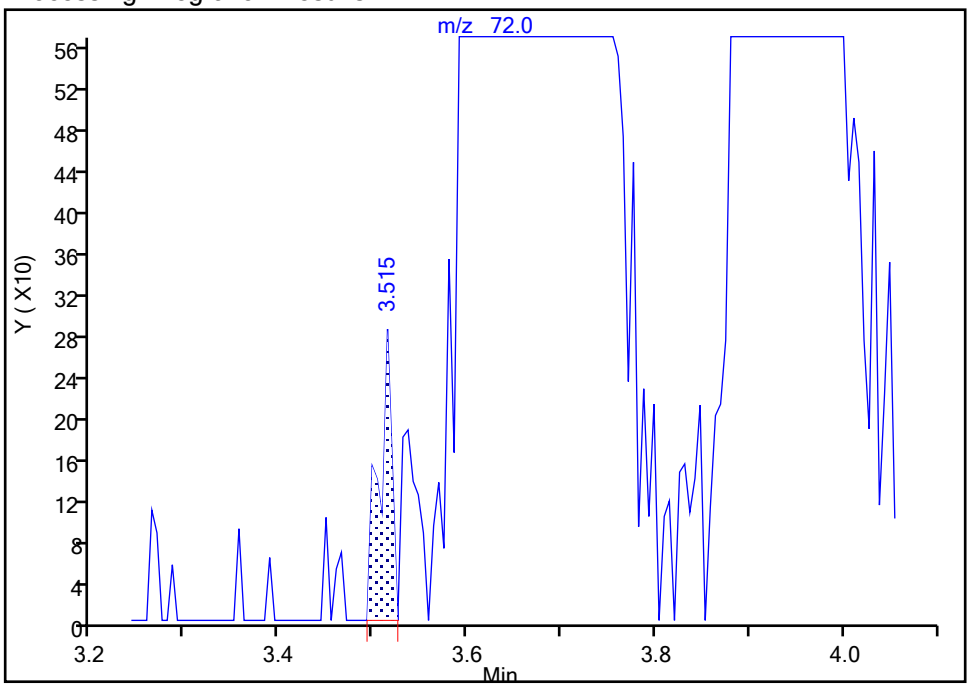
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

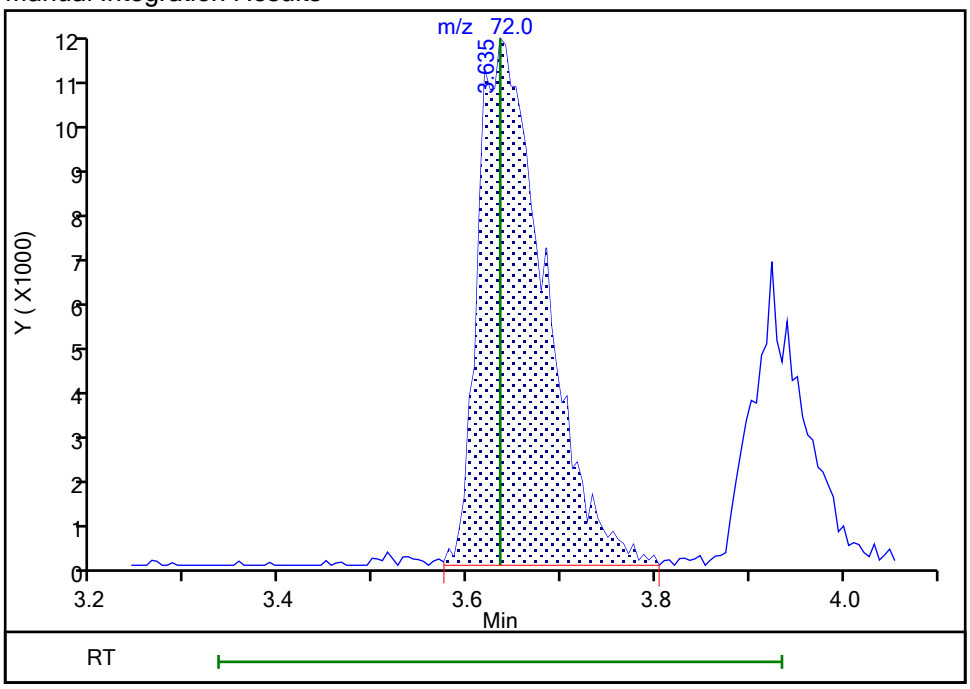
Processing Integration Results

RT: 3.51
Area: 266
Amount: 0.500076
Amount Units: ug/l



Manual Integration Results

RT: 3.63
Area: 55517
Amount: 104.3711
Amount Units: ug/l



Reviewer: boykink, 01-May-2021 00:42:43
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

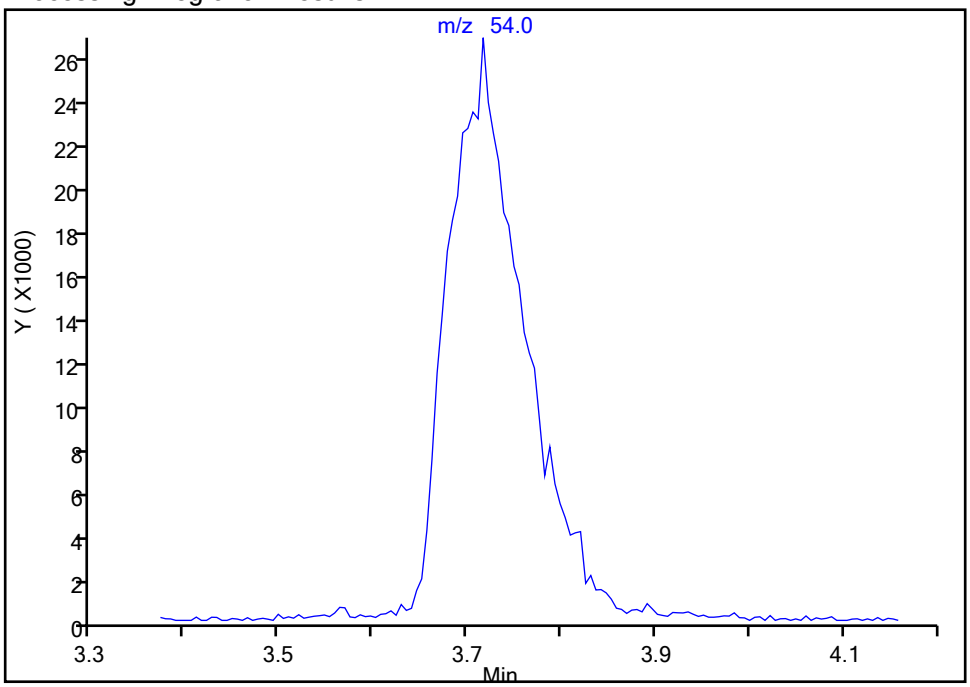
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

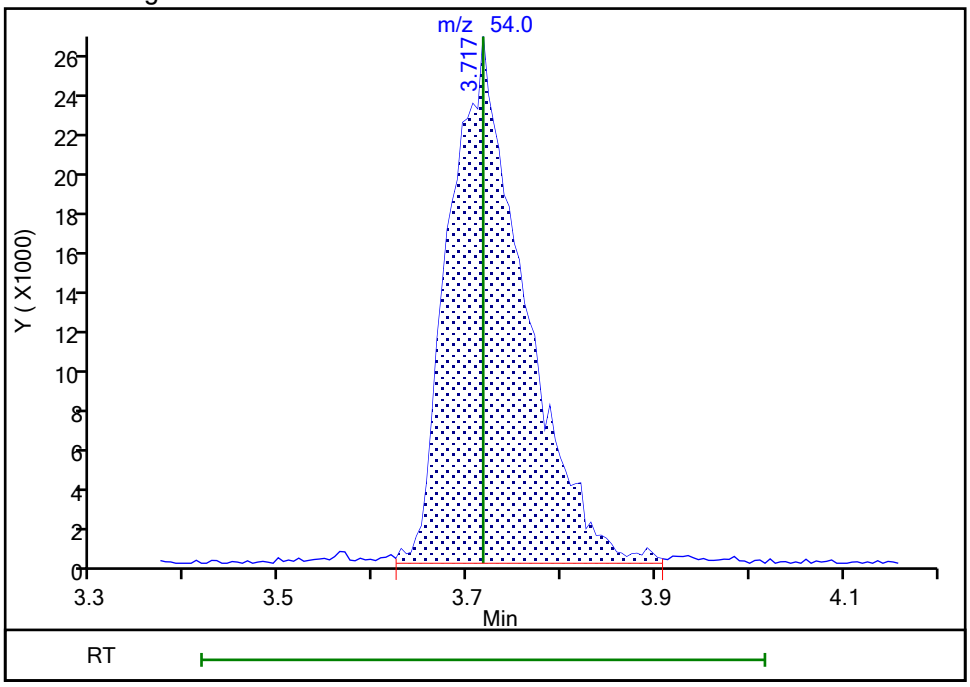
Not Detected
Expected RT: 3.72

Processing Integration Results



Manual Integration Results

RT: 3.72
Area: 145392
Amount: 198.1807
Amount Units: ug/l



Reviewer: boykink, 01-May-2021 00:41:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

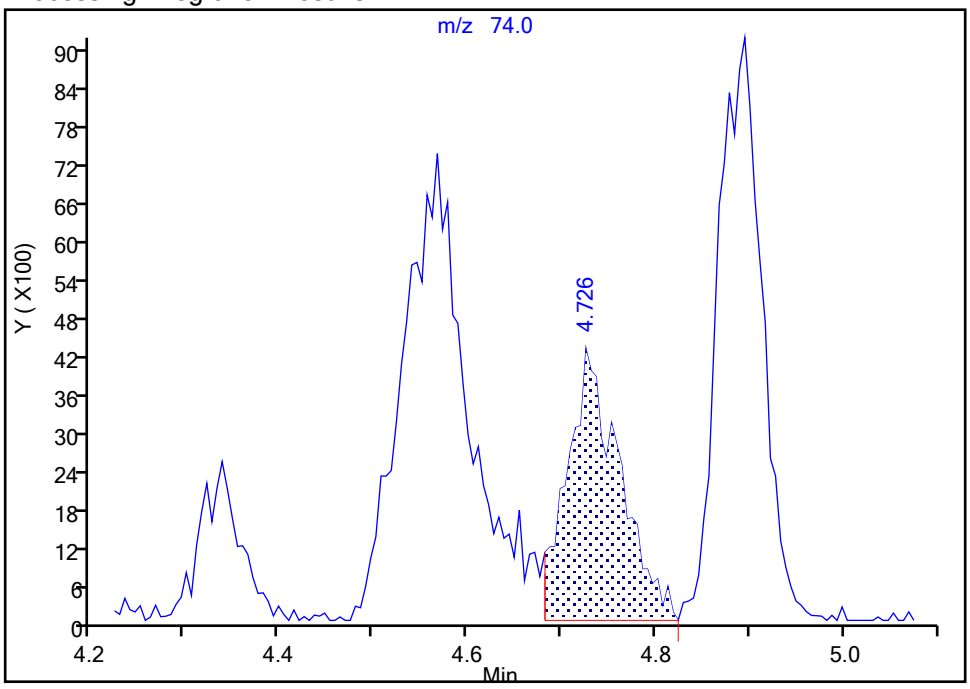
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

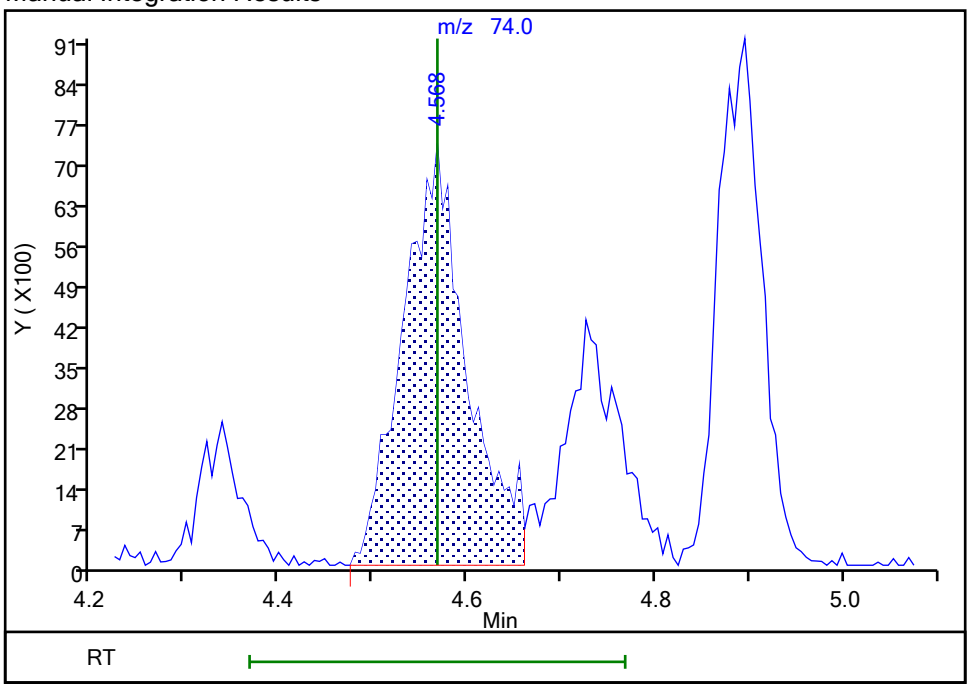
Processing Integration Results

RT: 4.73
Area: 16448
Amount: 258.4104
Amount Units: ug/l



Manual Integration Results

RT: 4.57
Area: 34489
Amount: 541.8480
Amount Units: ug/l



Reviewer: baronm, 01-May-2021 09:13:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

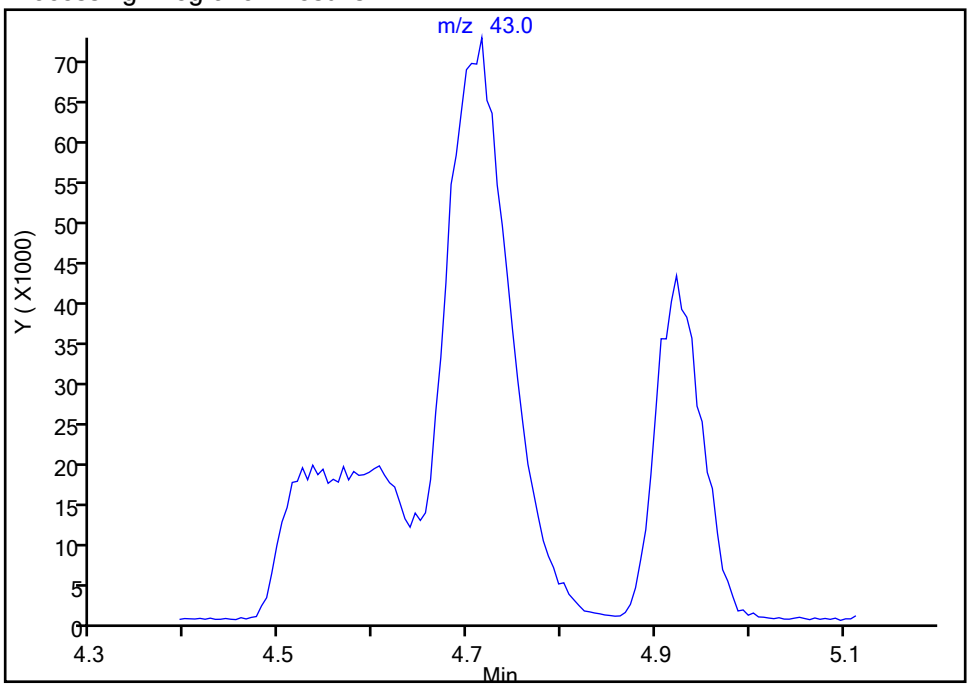
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

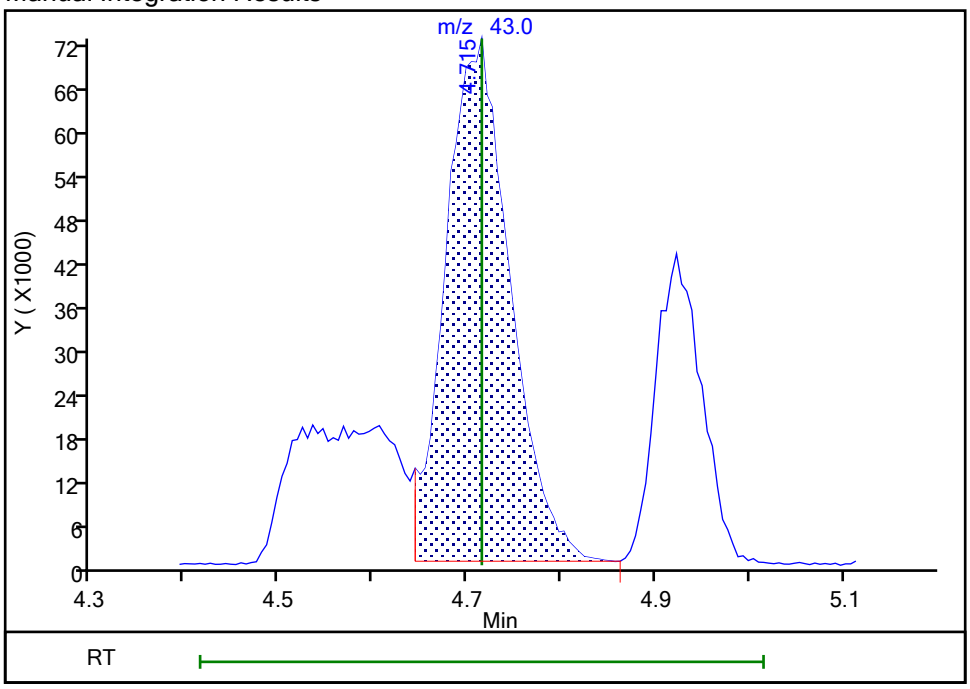
Not Detected
Expected RT: 4.72

Processing Integration Results



Manual Integration Results

RT: 4.72
Area: 346191
Amount: 24.719454
Amount Units: ug/l



Reviewer: boykink, 01-May-2021 00:42:57
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

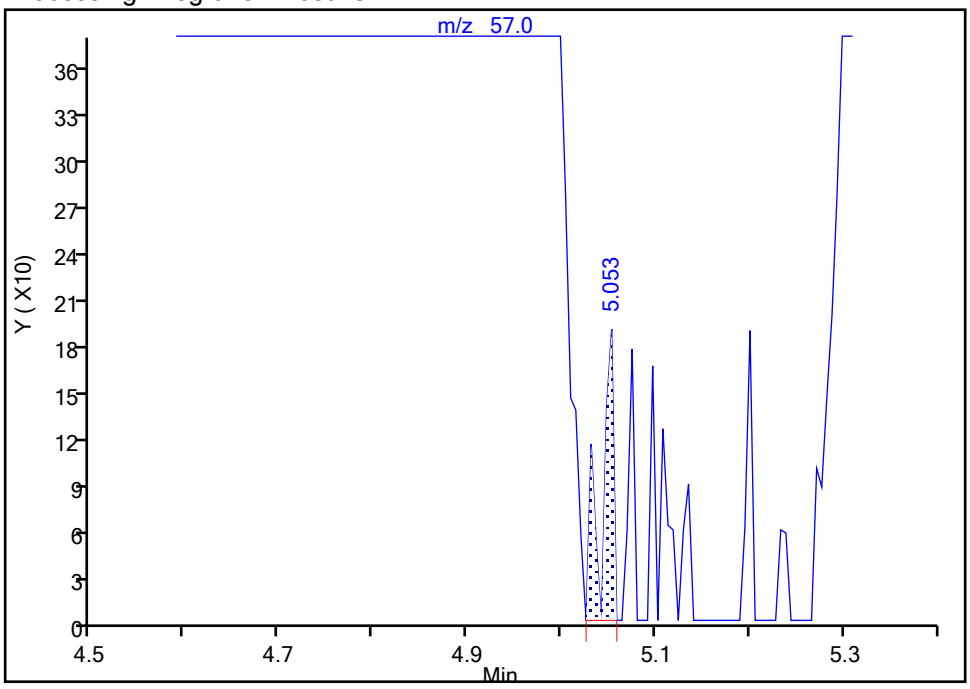
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 n-Heptane, CAS: 142-82-5

Signal: 1

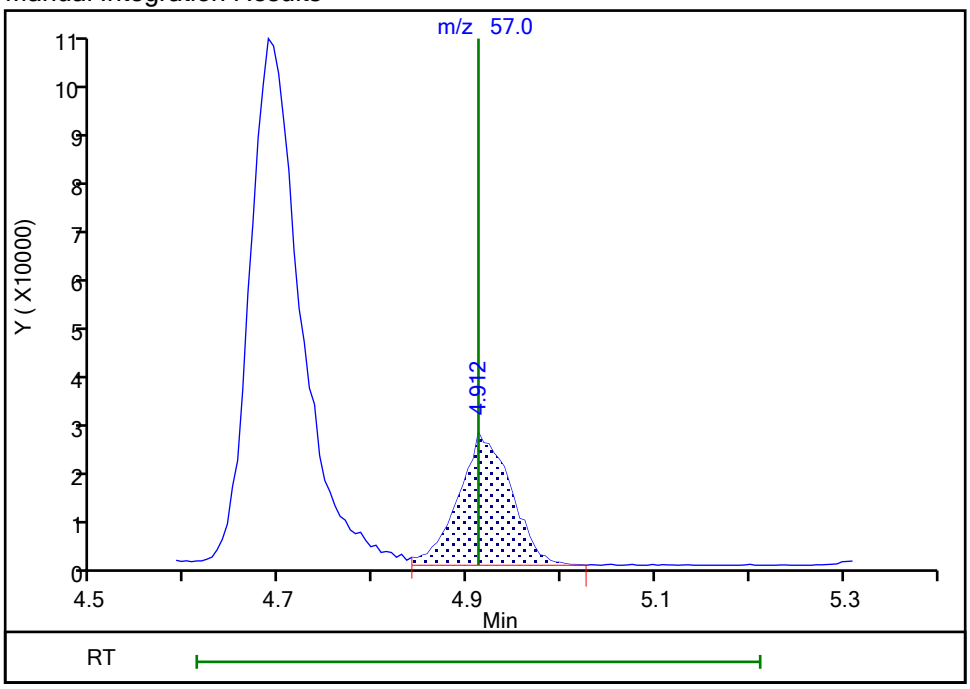
Processing Integration Results

RT: 5.05
Area: 162
Amount: 0.025883
Amount Units: ug/l



Manual Integration Results

RT: 4.91
Area: 104119
Amount: 24.433833
Amount Units: ug/l



Reviewer: boykink, 01-May-2021 00:43:05
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

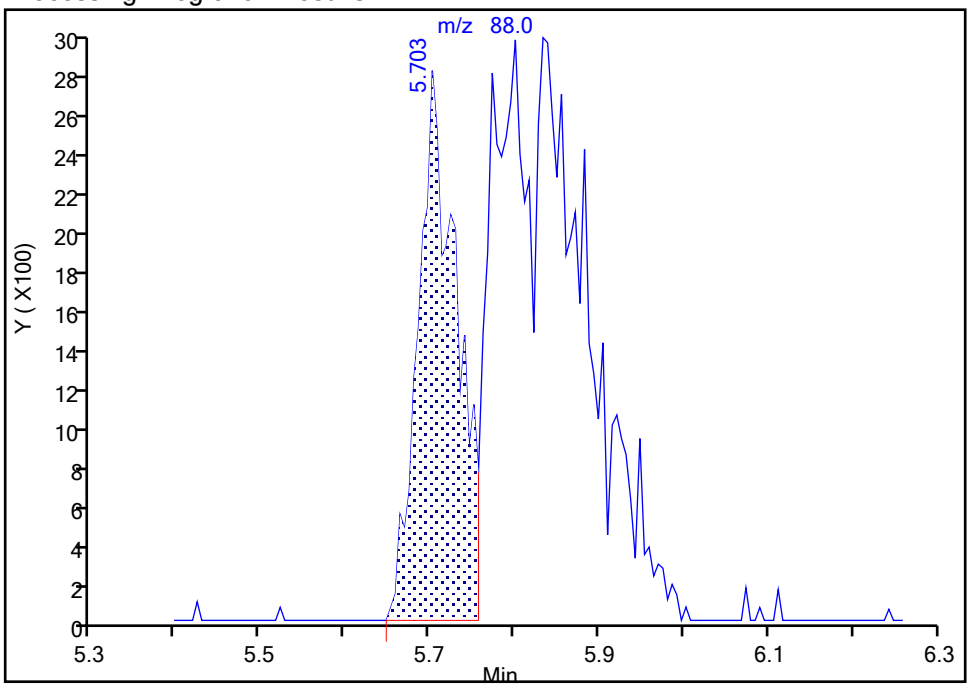
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

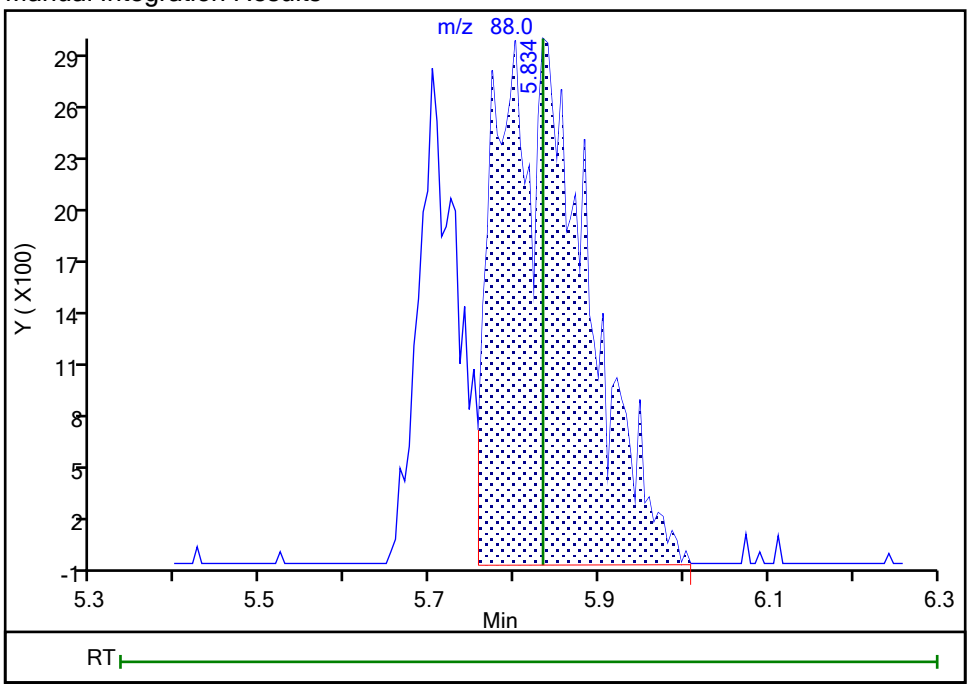
Processing Integration Results

RT: 5.70
Area: 8825
Amount: 179.3451
Amount Units: ug/l



Manual Integration Results

RT: 5.83
Area: 21939
Amount: 445.8530
Amount Units: ug/l



Reviewer: boykink, 01-May-2021 00:43:41
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

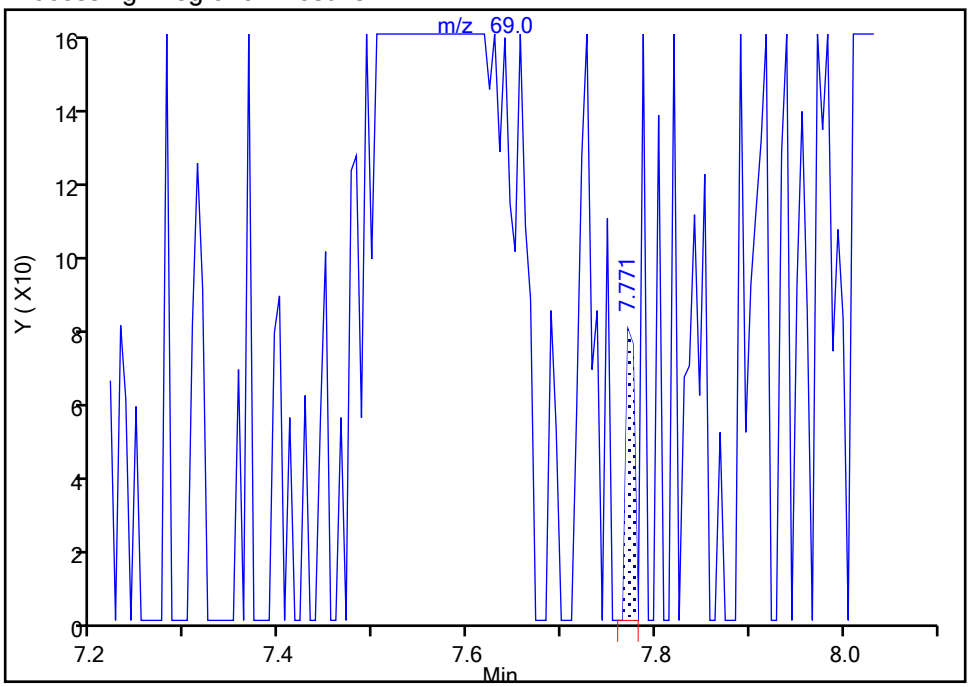
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

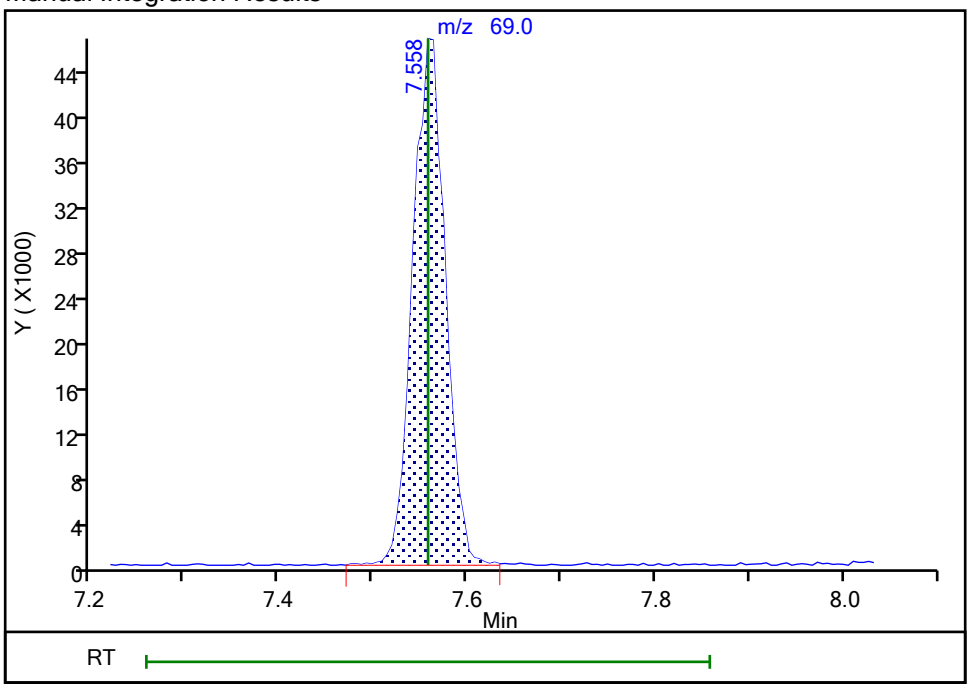
Processing Integration Results

RT: 7.77
Area: 50
Amount: 0.010071
Amount Units: ug/l



Manual Integration Results

RT: 7.56
Area: 112312
Amount: 22.621118
Amount Units: ug/l



Reviewer: boykink, 01-May-2021 00:48:31
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

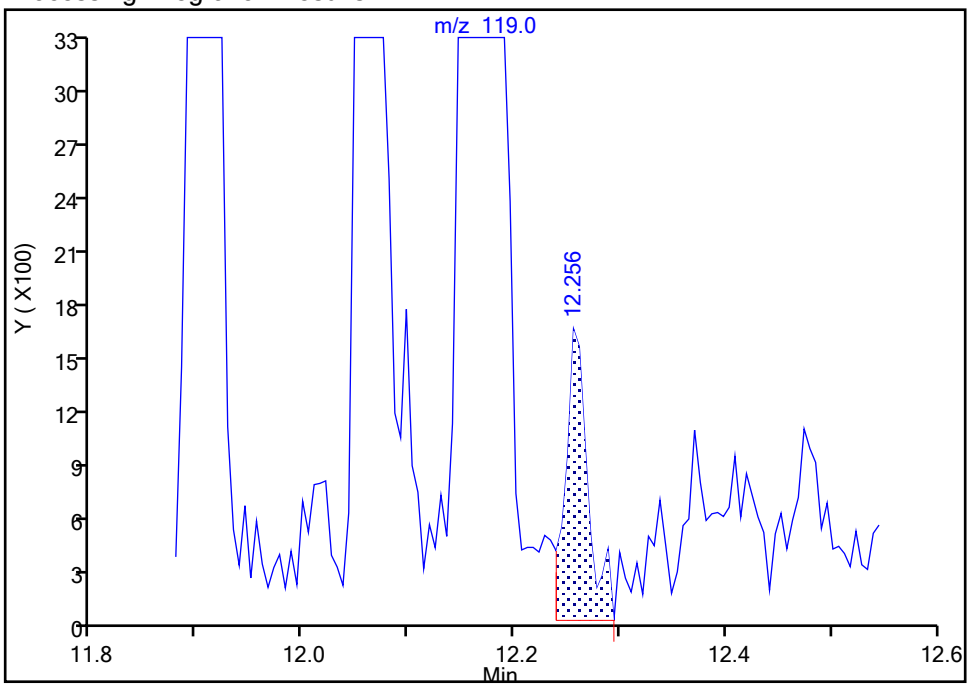
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25574.D
Injection Date: 30-Apr-2021 22:04:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

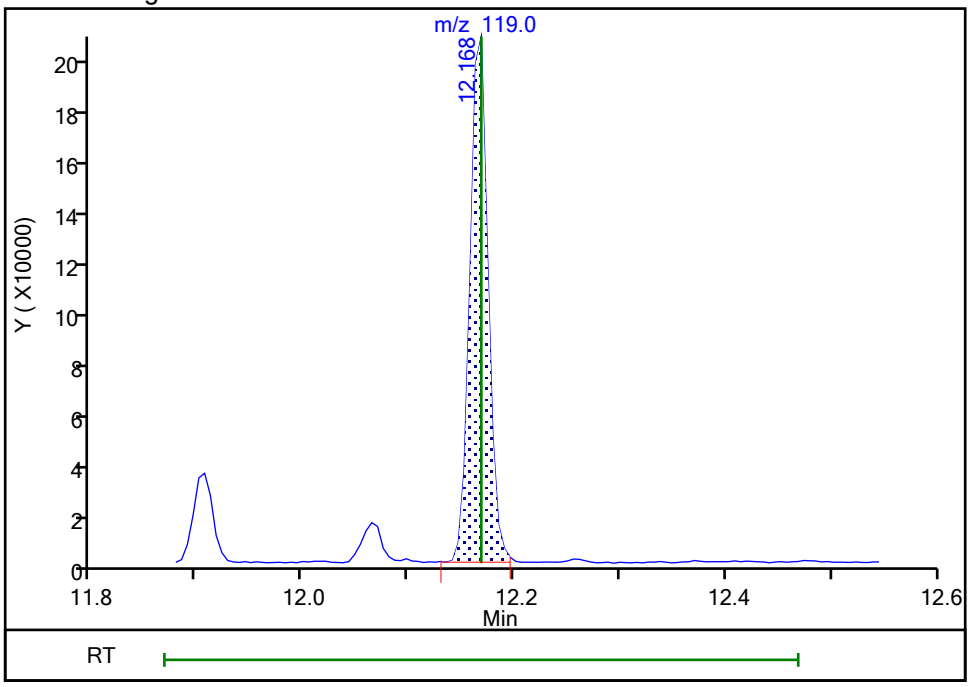
Processing Integration Results

RT: 12.26
Area: 2382
Amount: 0.219885
Amount Units: ug/l



Manual Integration Results

RT: 12.17
Area: 244805
Amount: 22.563488
Amount Units: ug/l



Reviewer: boykink, 01-May-2021 00:44:08
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69790.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 11-Mar-2021 08:42:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0125263-001
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:03:55 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 11-Mar-2021 08:47:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	1.842	1.842	0.000	94	266095	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

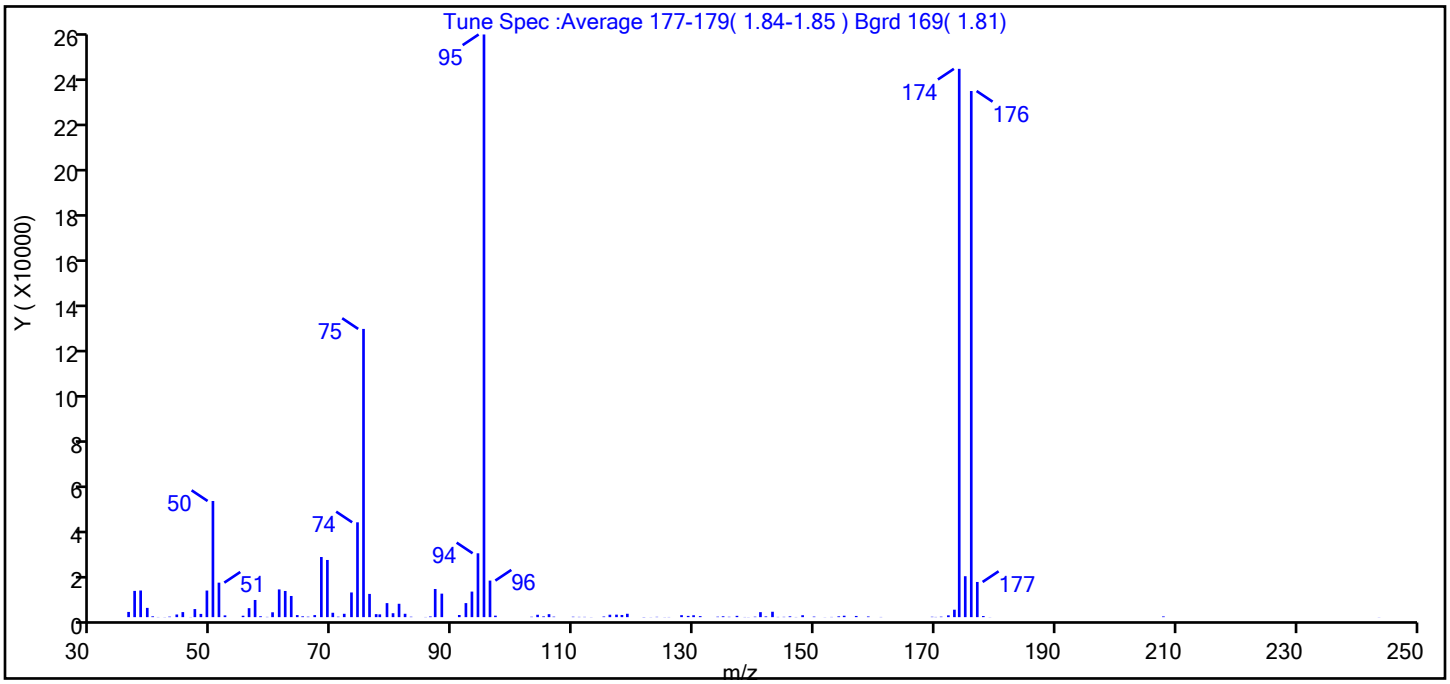
BFB_00027 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69790.D
Injection Date: 11-Mar-2021 08:42:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.9
75	30 to 60% of m/z 95	49.5
96	5 to 9% of m/z 95	6.3
173	Less than 2% of m/z 174	1.3 (1.4)
174	50 to 120% of m/z 95	94.1
175	5 to 9% of m/z 174	7.0 (7.5)
176	Greater than 95% but less than 101% of m/z 174	90.3 (96.0)
177	5 to 9% of m/z 176	6.0 (6.7)

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69790.D\8260S_2.rslt\spectra.d
Injection Date: 11-Mar-2021 08:42:30
Spectrum: Tune Spec :Average 177-179(1.84-1.85) Bgrd 169(1.81)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2241	68.00	25864	106.00	1277	143.00	2324
37.00	11289	69.00	24592	107.00	214	144.00	102
38.00	11458	70.00	1884	110.00	179	145.00	136
39.00	3977	71.00	197	111.00	117	146.00	352
40.00	355	72.00	1445	112.00	115	147.00	74
41.00	71	73.00	10618	113.00	54	148.00	825
42.00	60	74.00	40792	115.00	276	150.00	237
43.00	217	75.00	123976	116.00	1040	152.00	50
44.00	1141	76.00	9991	117.00	1071	153.00	91
45.00	2175	77.00	1284	118.00	930	154.00	355
46.00	70	78.00	1190	119.00	1455	155.00	609
47.00	3473	79.00	6036	122.00	51	157.00	513
48.00	1390	80.00	1688	122.00	55	159.00	289
49.00	11440	81.00	5752	123.00	53	161.00	79
50.00	49960	82.00	1453	124.00	133	170.00	167
51.00	14836	83.00	177	125.00	56	170.00	91
52.00	755	85.00	72	126.00	72	171.00	211
55.00	604	86.00	284	128.00	848	172.00	775
56.00	3865	87.00	12109	129.00	543	173.00	3203
57.00	7382	88.00	10112	130.00	813	174.00	235840
58.00	389	91.00	923	131.00	435	175.00	17608
59.00	108	92.00	6038	134.00	199	176.00	226304
60.00	2087	93.00	10995	135.00	370	177.00	15134
61.00	11926	94.00	27464	136.00	154	178.00	471
62.00	11265	95.00	250624	137.00	560	179.00	50
63.00	9104	96.00	15727	138.00	73	208.00	307
64.00	884	97.00	643	139.00	53	244.00	52
65.00	348	103.00	169	140.00	202		
66.00	199	104.00	1028	141.00	2150		
67.00	878	105.00	323	142.00	310		

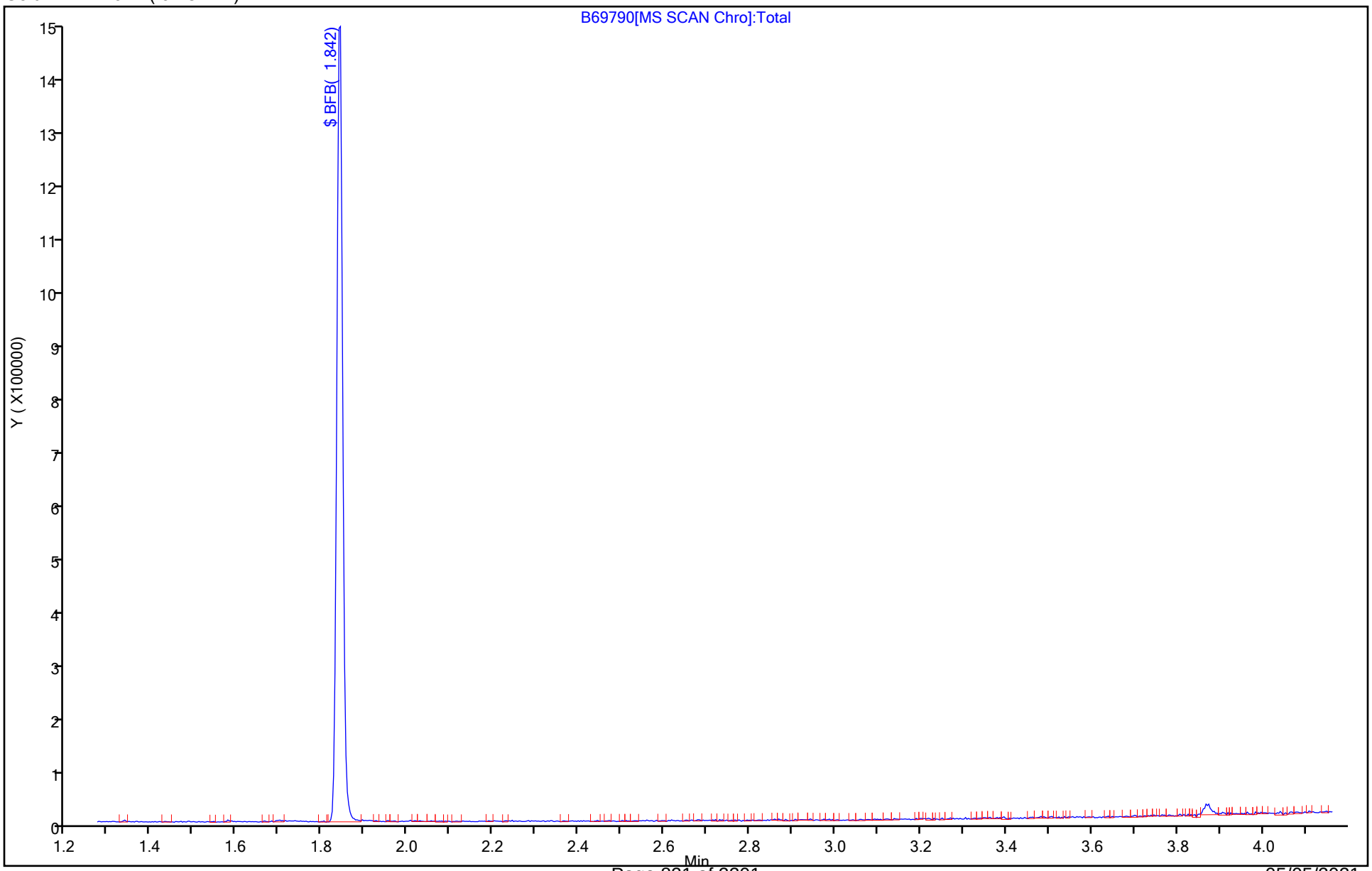
Report Date: 15-Mar-2021 13:03:56 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69790.D

Injection Date:	11-Mar-2021 08:42:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71503.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 29-Apr-2021 05:01:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0127791-001
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 29-Apr-2021 10:48:27 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: delpolitov Date: 29-Apr-2021 10:48:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	1.810	1.810	0.000	96	404724	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

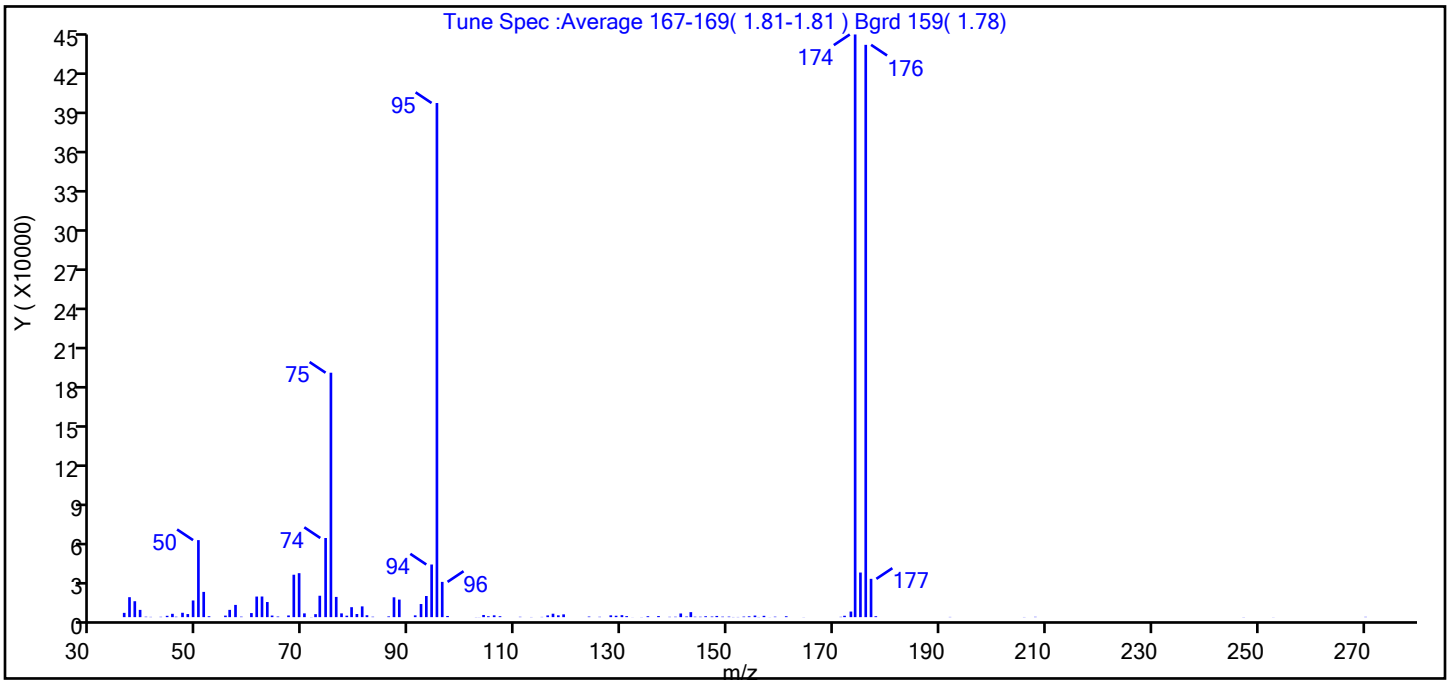
BFB_00029 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71503.D
Injection Date: 29-Apr-2021 05:01:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.0
75	30 to 60% of m/z 95	47.5
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	1.1 (1.0)
174	50 to 120% of m/z 95	113.3
175	5 to 9% of m/z 174	8.7 (7.7)
176	Greater than 95% but less than 101% of m/z 174	111.3 (98.2)
177	5 to 9% of m/z 176	7.5 (6.7)

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71503.D\8260S_2.rslt\spectra.d
Injection Date: 29-Apr-2021 05:01:30
Spectrum: Tune Spec :Average 167-169(1.81-1.81) Bgrd 159(1.78)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3252	70.00	2867	107.00	706	150.00	410
37.00	15173	71.00	105	111.00	263	151.00	127
38.00	12101	72.00	2261	113.00	120	152.00	145
39.00	5521	73.00	16267	115.00	178	153.00	423
40.00	337	74.00	60160	116.00	1317	154.00	639
41.00	194	75.00	185792	117.00	2612	155.00	1189
43.00	255	76.00	15374	118.00	1370	156.00	130
44.00	1023	77.00	2874	119.00	2113	157.00	1001
45.00	2539	78.00	1117	124.00	449	158.00	63
46.00	325	79.00	7572	126.00	267	159.00	356
47.00	3323	80.00	2381	128.00	1366	161.00	685
48.00	2355	81.00	8177	129.00	1068	164.00	81
49.00	12681	82.00	1444	130.00	1506	171.00	237
50.00	58544	83.00	321	131.00	773	172.00	1051
51.00	19192	86.00	559	132.00	59	173.00	4257
52.00	670	87.00	15091	134.00	95	174.00	442880
55.00	1164	88.00	13345	135.00	699	175.00	33904
56.00	5530	91.00	1348	137.00	815	176.00	435008
57.00	9298	92.00	9974	139.00	246	177.00	29120
58.00	367	93.00	16057	140.00	308	178.00	699
60.00	3096	94.00	40008	141.00	2793	192.00	165
61.00	15653	95.00	390784	142.00	450	206.00	116
62.00	15689	96.00	26800	143.00	3798	208.00	241
63.00	11485	97.00	889	144.00	322	247.00	104
64.00	1209	102.00	96	145.00	303	253.00	73
65.00	460	103.00	72	146.00	680	270.00	222
67.00	1275	104.00	1643	147.00	467		
68.00	32248	105.00	671	148.00	913		
69.00	33416	106.00	1380	149.00	372		

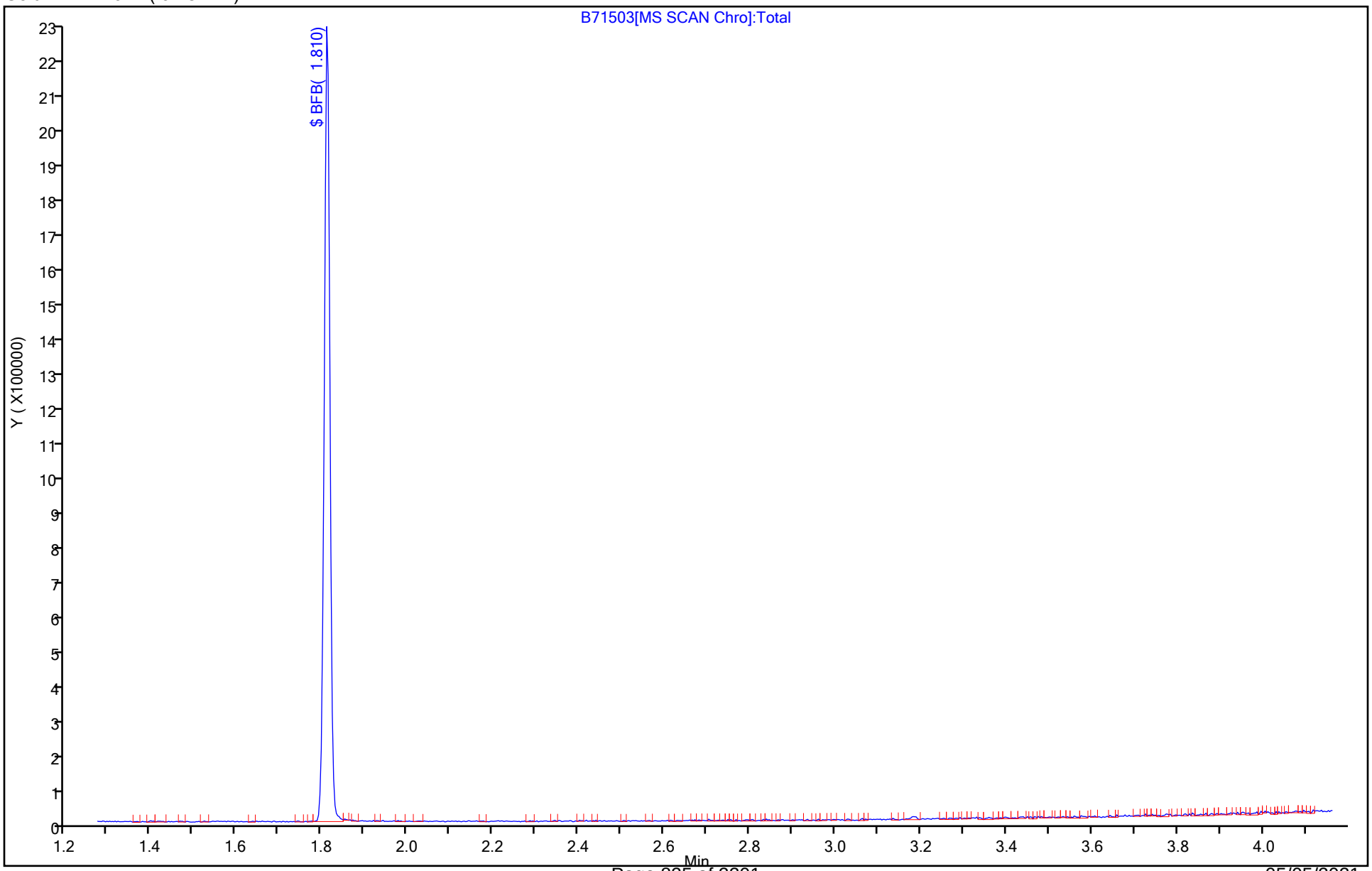
Report Date: 29-Apr-2021 10:48:27 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71503.D

Injection Date:	29-Apr-2021 05:01:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24317.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	01-Apr-2021 11:05:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0126371-001				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\8260S9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	02-Apr-2021 13:04:48	Calib Date:	01-Apr-2021 13:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1616				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.494	2.494	0.000	96	50553	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

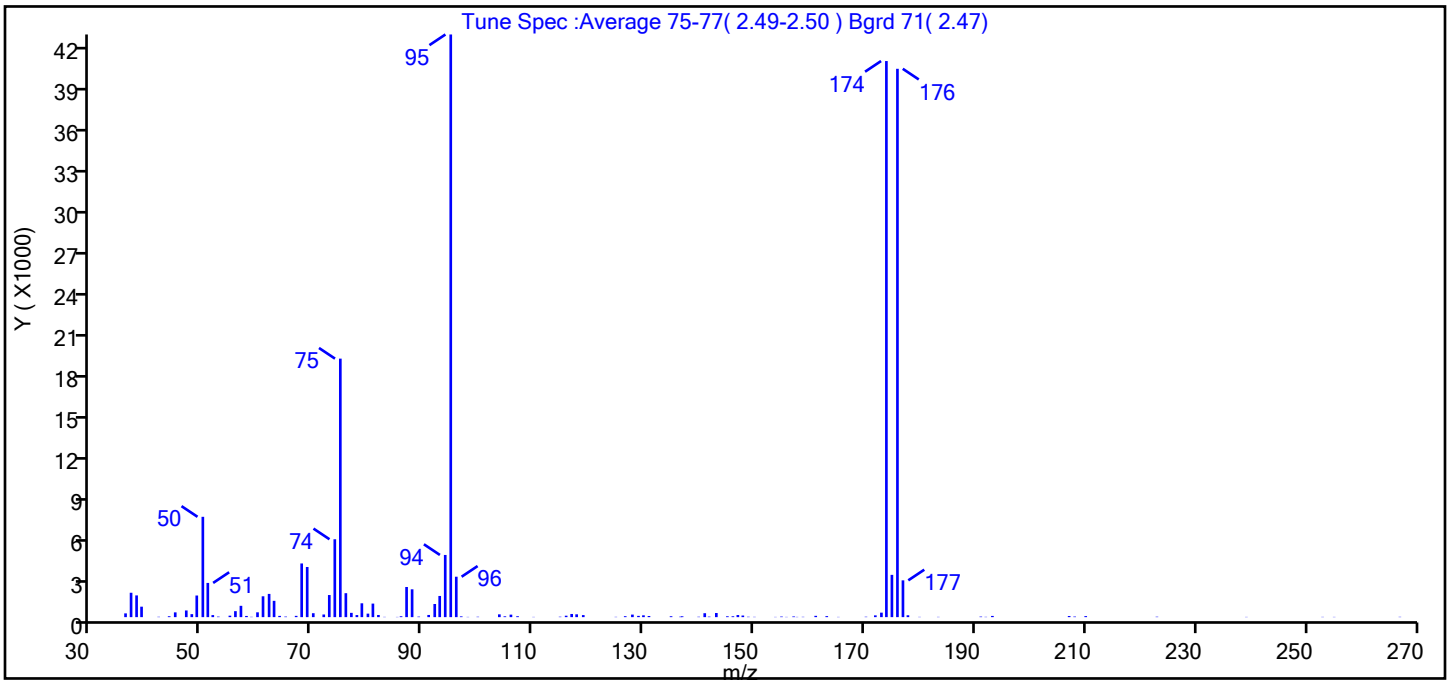
BFB_00027 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24317.D
Injection Date: 01-Apr-2021 11:05:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.2
75	30 to 60% of m/z 95	44.4
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.8 (0.8)
174	50 to 120% of m/z 95	95.4
175	5 to 9% of m/z 174	7.3 (7.6)
176	Greater than 95% but less than 101% of m/z 174	94.1 (98.6)
177	5 to 9% of m/z 176	6.3 (6.7)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24317.D\8260S9.rslt\spectra.d
Injection Date: 01-Apr-2021 11:05:30
Spectrum: Tune Spec :Average 75-77(2.49-2.50) Bgrd 71(2.47)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 114

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	272	72.00	192	107.00	65	157.00	49
37.00	1762	73.00	1597	110.00	17	158.00	18
38.00	1571	74.00	5628	115.00	31	159.00	23
39.00	756	75.00	18680	116.00	104	161.00	95
42.00	25	76.00	1731	117.00	229	163.00	74
44.00	65	77.00	310	118.00	205	165.00	17
45.00	345	78.00	150	119.00	148	170.00	30
47.00	483	79.00	1001	125.00	21	172.00	128
48.00	217	80.00	254	127.00	68	173.00	325
49.00	1563	81.00	979	128.00	184	174.00	40184
50.00	7250	82.00	156	129.00	92	175.00	3055
51.00	2473	83.00	19	130.00	131	176.00	39624
52.00	148	85.00	16	131.00	82	177.00	2659
53.00	38	86.00	64	135.00	65	178.00	135
55.00	105	87.00	2179	137.00	31	180.00	19
56.00	432	88.00	2012	137.00	60	183.00	19
57.00	818	89.00	38	140.00	28	191.00	40
58.00	86	91.00	158	141.00	284	192.00	22
59.00	23	92.00	950	142.00	37	193.00	88
60.00	348	93.00	1531	143.00	299	207.00	80
61.00	1507	94.00	4494	145.00	62	208.00	42
62.00	1679	95.00	42104	146.00	62	210.00	75
63.00	1179	96.00	2921	147.00	152	223.00	31
64.00	91	97.00	55	148.00	116	239.00	17
65.00	40	98.00	17	149.00	28	253.00	19
67.00	93	100.00	28	150.00	21	255.00	17
68.00	3879	104.00	202	154.00	17	267.00	23
69.00	3624	105.00	60	155.00	42		
70.00	284	106.00	181	156.00	17		

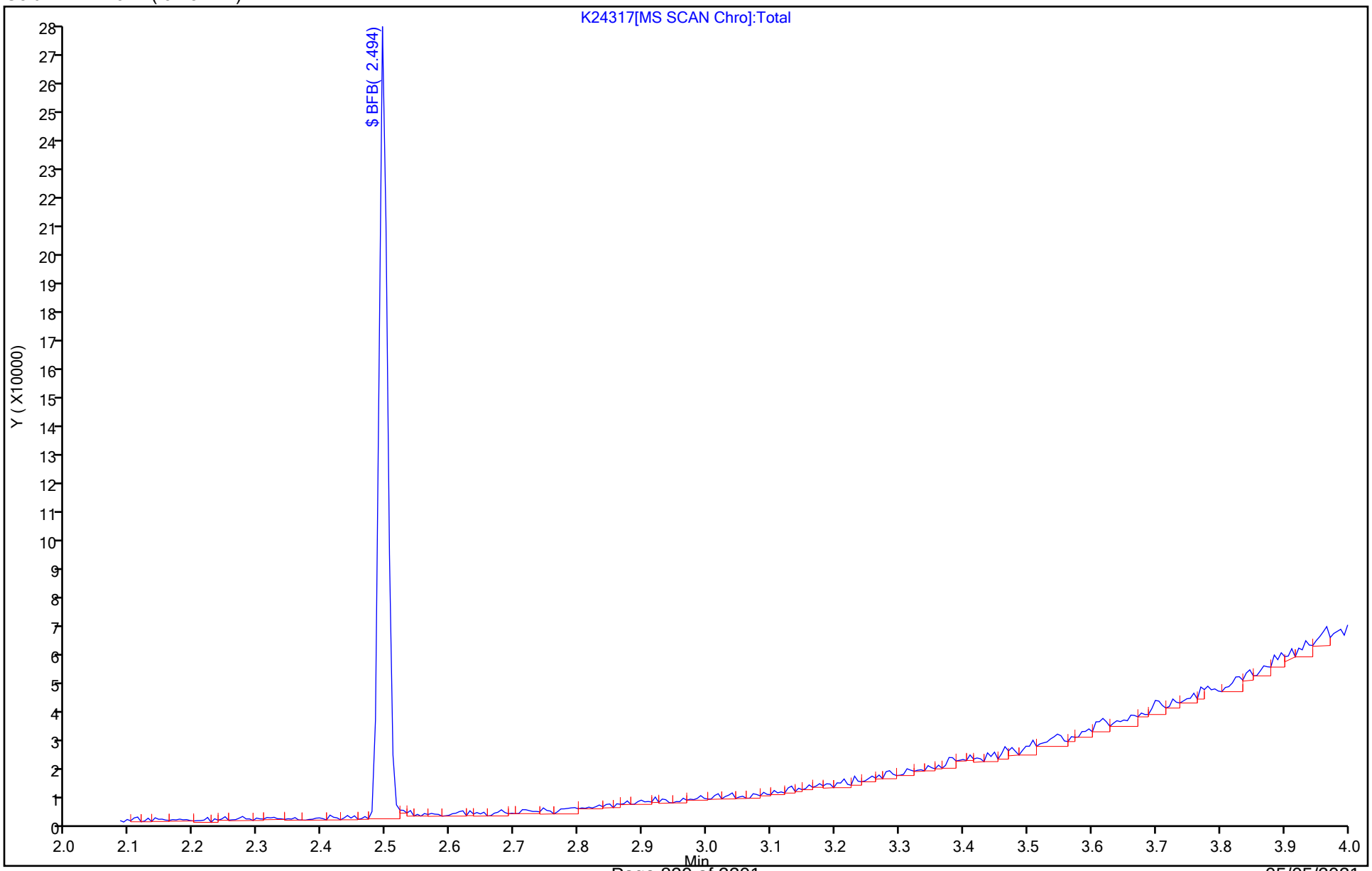
Report Date: 02-Apr-2021 13:04:49 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24317.D

Injection Date:	01-Apr-2021 11:05:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25572.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 30-Apr-2021 20:45:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-May-2021 00:38:54 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: boykink Date: 30-Apr-2021 20:56:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.488	2.488	0.000	95	115231	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

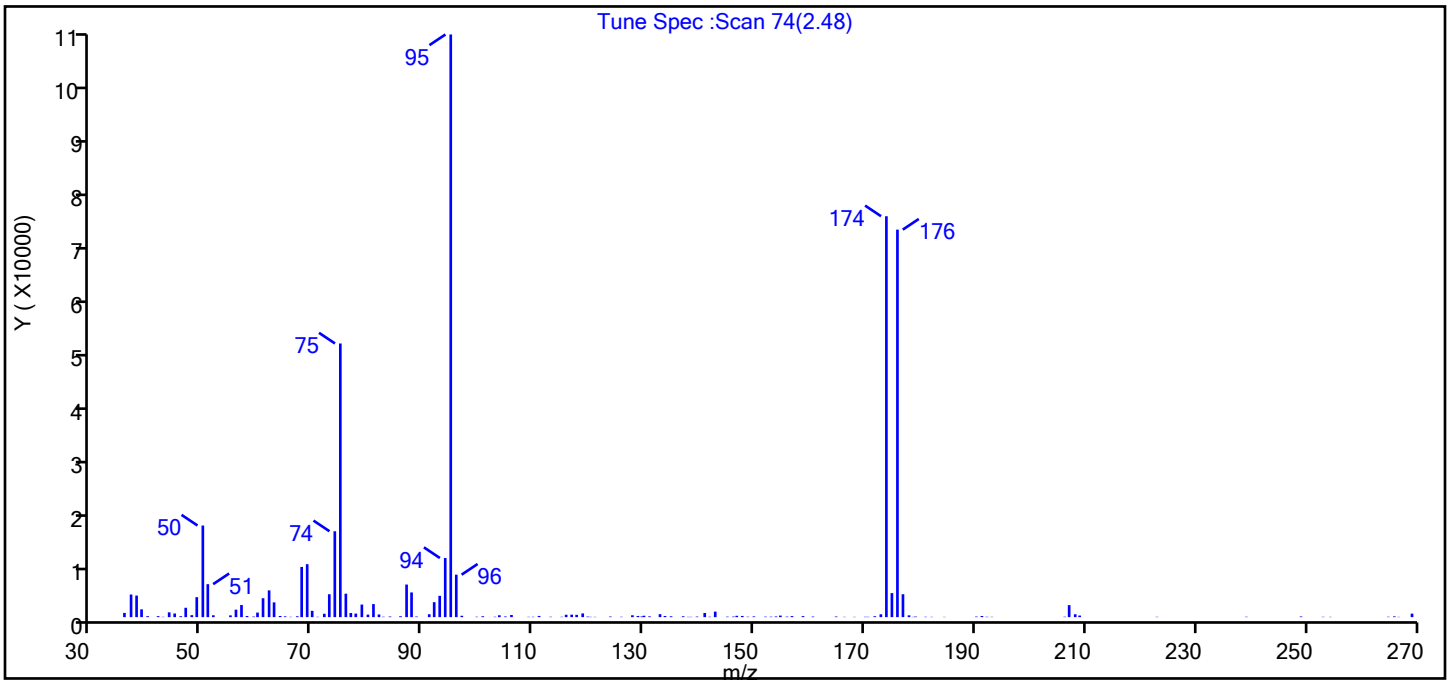
BFB_00029 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25572.D
Injection Date: 30-Apr-2021 20:45:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.7
75	30 to 60% of m/z 95	47.0
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.5 (0.7)
174	50 to 120% of m/z 95	68.8
175	5 to 9% of m/z 174	4.1 (6.0)
176	Greater than 95% but less than 101% of m/z 174	66.5 (96.7)
177	5 to 9% of m/z 176	3.9 (5.9)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25572.D\8260S9.rslt\spectra.d
Injection Date: 30-Apr-2021 20:45:30
Spectrum: Tune Spec :Scan 74(2.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 140

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	793	74.00	16139	118.00	433	161.00	109
37.00	4253	75.00	51424	119.00	698	165.00	120
38.00	4052	76.00	4408	120.00	101	166.00	58
39.00	1468	77.00	775	120.00	59	168.00	54
40.00	182	78.00	668	121.00	53	170.00	70
42.00	187	79.00	2365	124.00	112	171.00	61
43.00	60	80.00	477	126.00	71	172.00	172
44.00	901	81.00	2456	128.00	351	173.00	539
45.00	681	82.00	503	129.00	218	174.00	75336
46.00	174	83.00	78	130.00	126	175.00	4520
47.00	1761	84.00	120	130.00	262	176.00	72816
48.00	372	86.00	169	131.00	146	177.00	4307
49.00	3755	87.00	6124	133.00	556	178.00	340
50.00	17216	88.00	4645	134.00	216	179.00	52
51.00	6199	89.00	110	135.00	161	179.00	104
52.00	352	91.00	547	137.00	161	181.00	70
55.00	333	92.00	2812	138.00	55	182.00	56
56.00	1406	93.00	4010	138.00	59	184.00	50
57.00	2279	94.00	11110	140.00	106	190.00	108
58.00	210	95.00	109488	141.00	780	191.00	214
59.00	105	96.00	7980	142.00	78	192.00	72
60.00	857	97.00	255	143.00	1040	193.00	60
61.00	3555	100.00	78	145.00	92	206.00	79
62.00	5027	101.00	167	146.00	105	207.00	2256
63.00	2775	103.00	75	147.00	253	208.00	542
64.00	216	104.00	353	148.00	224	209.00	299
65.00	147	105.00	127	149.00	80	223.00	66
66.00	61	106.00	402	150.00	138	239.00	75
67.00	163	109.00	61	152.00	91	249.00	127
68.00	9432	110.00	69	153.00	89	253.00	67
69.00	9953	111.00	227	154.00	126	254.00	56
70.00	1187	113.00	74	155.00	295	265.00	74
71.00	62	115.00	68	156.00	101	266.00	140

Report Date: 01-May-2021 00:38:55 Chrom Revision: 2.3 08-Apr-2021 17:17:48
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25572.D\8260S9.rslt\spectra.d
Injection Date: 30-Apr-2021 20:45:30
Spectrum: Tune Spec :Scan 74(2.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 140

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	638	116.00	450	157.00	197	267.00	50
73.00	4300	117.00	467	159.00	192	269.00	661

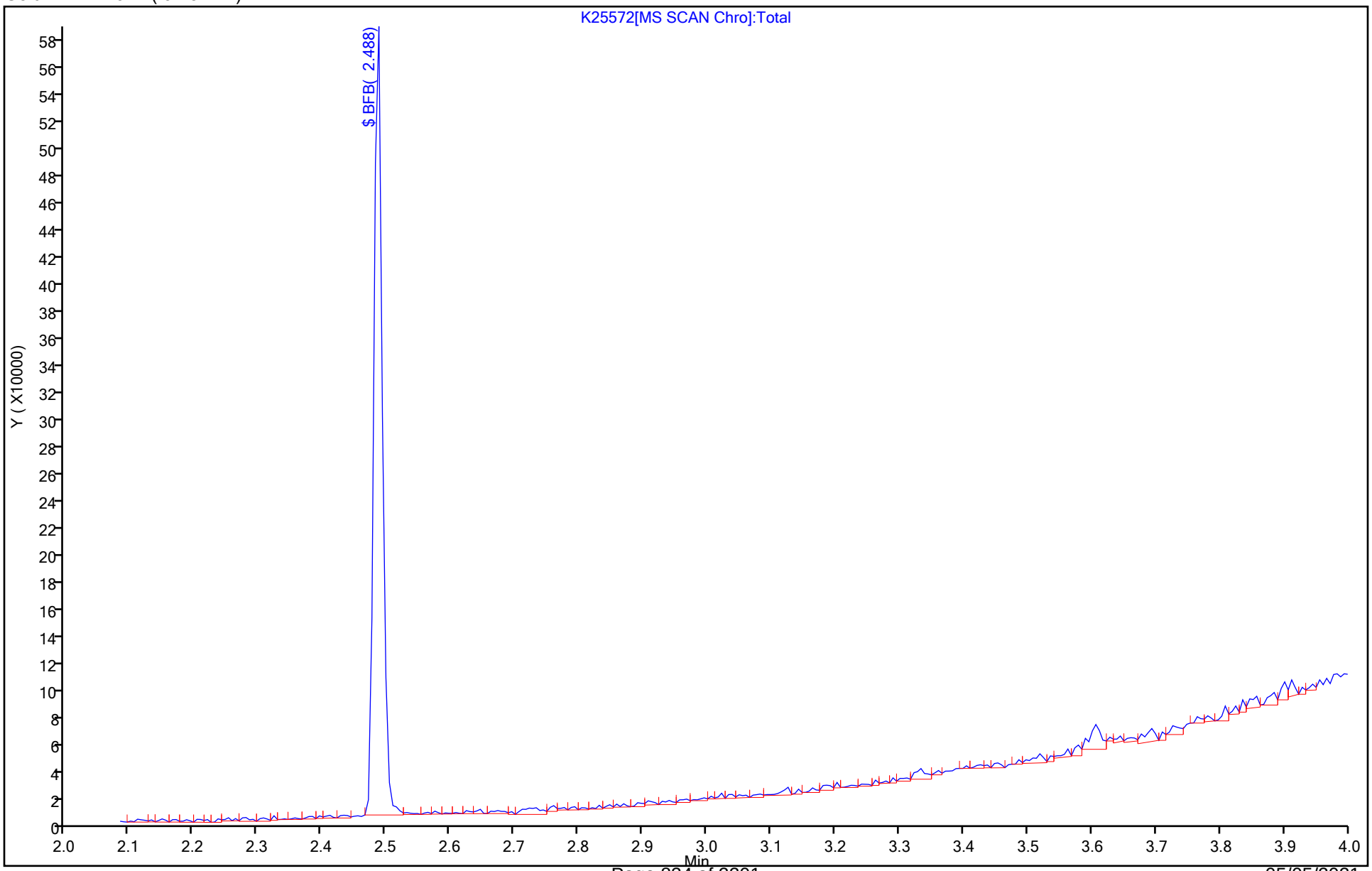
Report Date: 01-May-2021 00:38:55 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25572.D

Injection Date:	30-Apr-2021 20:45:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774667/8

Matrix: Solid Lab File ID: B71510.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/29/2021 08:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774667 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0050	U	0.0050	0.00037
591-78-6	2-Hexanone	0.0050	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016
67-64-1	Acetone	0.0060	U	0.0060	0.0057
71-43-2	Benzene	0.0010	U	0.0010	0.00026
75-25-2	Bromoform	0.0010	U	0.0010	0.00043
74-83-9	Bromomethane	0.0020	U	0.0020	0.0010
75-15-0	Carbon disulfide	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.0010	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
110-82-7	Cyclohexane	0.0010	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0010	U	0.0010	0.00026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774667/8

Matrix: Solid Lab File ID: B71510.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/29/2021 08:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774667 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0010	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.0010	U	0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0010	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.0010	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0050	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0010	U	0.0010	0.00051
108-87-2	Methylcyclohexane	0.0010	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017
104-51-8	n-Butylbenzene	0.0010	U	0.0010	0.00029
103-65-1	N-Propylbenzene	0.0010	U	0.0010	0.00018
95-47-6	o-Xylene	0.0010	U	0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0010	U	0.0010	0.00029
100-42-5	Styrene	0.0010	U	0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0010	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
108-88-3	Toluene	0.0010	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0010	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.0020	U	0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		77-145
460-00-4	4-Bromofluorobenzene	88		70-139
1868-53-7	Dibromofluoromethane (Surr)	103		48-150
2037-26-5	Toluene-d8 (Surr)	80		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71510.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 29-Apr-2021 08:47:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0127791-008
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 29-Apr-2021 10:58:23 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: delpolitov Date: 29-Apr-2021 10:58:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.618	1.636	-0.018	0	297316	1000.0	1000.0	
* 40 2-Butanone-d5	46	2.386	2.392	-0.006	0	206105	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.819	2.825	-0.007	99	156876	50.0	51.4	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.111	3.117	-0.006	0	144233	50.0	45.8	
* 60 Fluorobenzene	96	3.459	3.459	0.000	100	537120	50.0	50.0	
* 69 1,4-Dioxane-d8	96	4.276	4.269	0.007	0	22582	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.464	5.464	0.000	100	469940	50.0	40.1	
* 91 Chlorobenzene-d5	117	7.854	7.854	0.000	82	441174	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.128	10.128	0.000	96	200173	50.0	44.0	
* 117 1,4-Dichlorobenzene-d4	152	12.176	12.170	0.006	92	292861	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00217 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 10:58:24 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71510.D

Injection Date: 29-Apr-2021 08:47:30 Instrument ID: CVOAMS2 Operator ID:

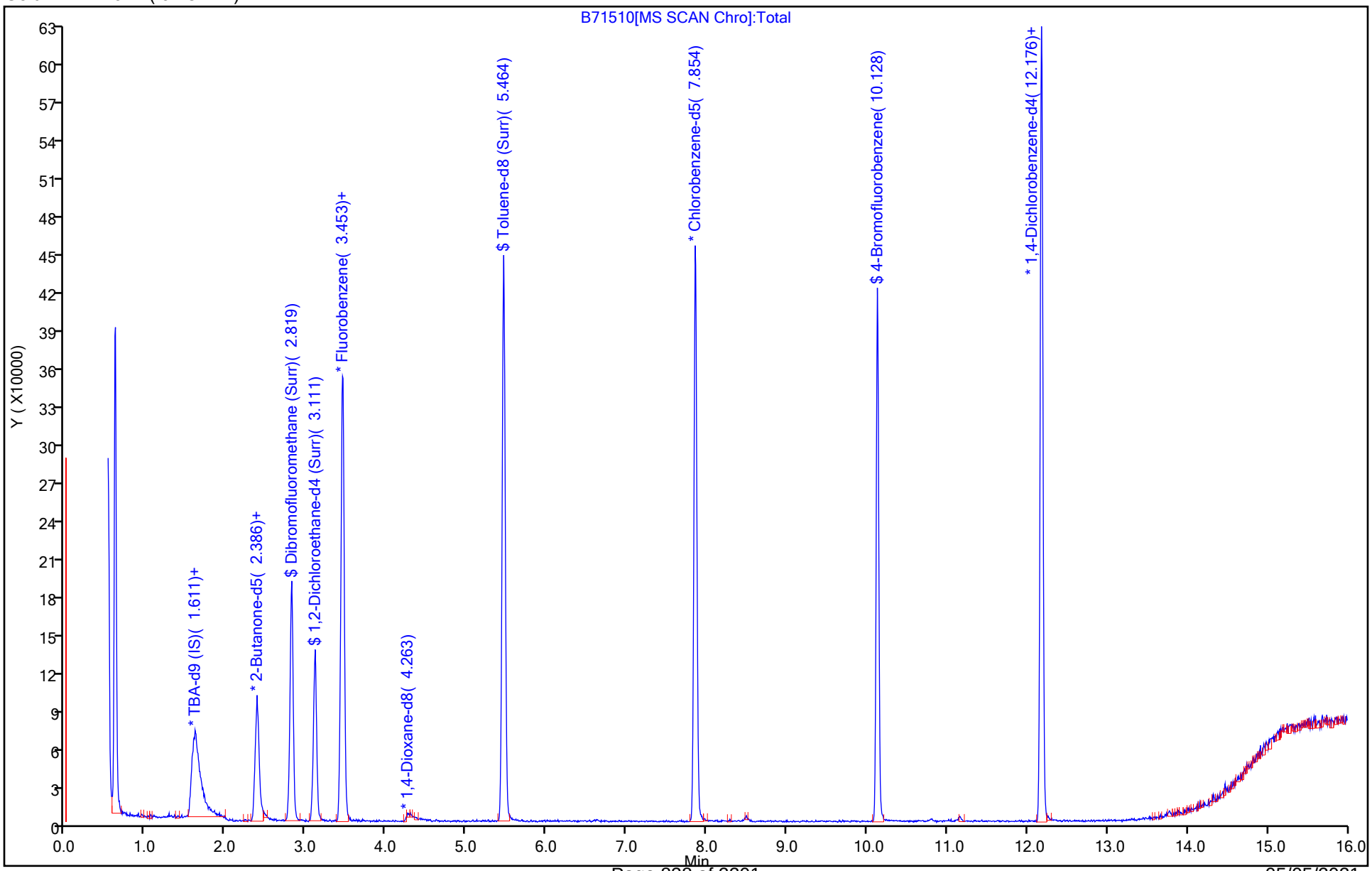
Lims ID: MB Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-775117/8

Matrix: Solid Lab File ID: K25579.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 00:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0050	U	0.0050	0.00037
591-78-6	2-Hexanone	0.0050	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016
67-64-1	Acetone	0.0060	U	0.0060	0.0057
71-43-2	Benzene	0.0010	U	0.0010	0.00026
75-25-2	Bromoform	0.0010	U	0.0010	0.00043
74-83-9	Bromomethane	0.0020	U	0.0020	0.0010
75-15-0	Carbon disulfide	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.0010	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
110-82-7	Cyclohexane	0.0010	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0010	U	0.0010	0.00026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-775117/8

Matrix: Solid Lab File ID: K25579.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/01/2021 00:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0010	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.0010	U	0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0010	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.0010	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0050	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0010	U	0.0010	0.00051
108-87-2	Methylcyclohexane	0.0010	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017
104-51-8	n-Butylbenzene	0.0010	U	0.0010	0.00029
103-65-1	N-Propylbenzene	0.0010	U	0.0010	0.00018
95-47-6	o-Xylene	0.0010	U	0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0010	U	0.0010	0.00029
100-42-5	Styrene	0.0010	U	0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0010	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
108-88-3	Toluene	0.0010	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0010	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.0020	U	0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		77-145
460-00-4	4-Bromofluorobenzene	86		70-139
1868-53-7	Dibromofluoromethane (Surr)	118		48-150
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25579.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 01-May-2021 00:13:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-May-2021 09:17:50 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1655

First Level Reviewer: baronm Date: 01-May-2021 09:17:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.593	2.587	0.005	95	747799	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.569	3.575	-0.006	97	407185	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.142	4.142	0.000	95	251369	50.0	58.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.497	4.497	0.000	0	243039	50.0	59.8	
* 66 Fluorobenzene	96	4.890	4.890	0.000	99	614721	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.719	5.714	0.005	99	37300	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.925	6.925	0.000	99	980703	50.0	52.4	
* 94 Chlorobenzene-d5	117	9.031	9.031	0.000	85	597112	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.673	10.673	0.000	88	282468	50.0	43.1	
* 121 1,4-Dichlorobenzene-d4	152	11.825	11.825	0.000	96	358146	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260SURR250_00217 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00120 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 01-May-2021 09:17:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25579.D

Injection Date: 01-May-2021 00:13:30 Instrument ID: CVOAMS9 Operator ID:

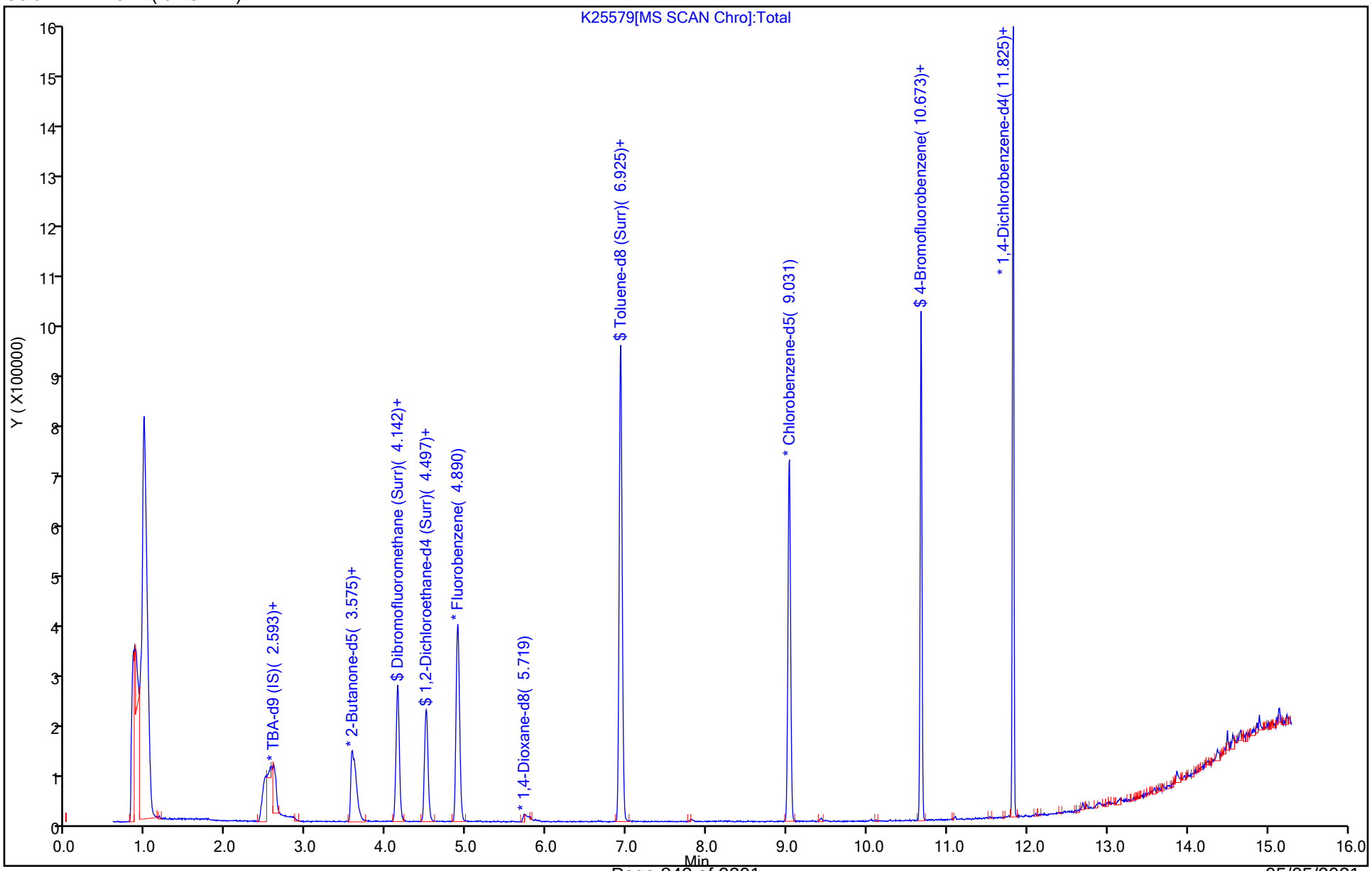
Lims ID: MB Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-774534/1-A

Matrix: Solid Lab File ID: K25580.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 05/01/2021 01:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0050	U	0.0050	0.00037
591-78-6	2-Hexanone	0.0050	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016
67-64-1	Acetone	0.0060	U	0.0060	0.0057
71-43-2	Benzene	0.0010	U	0.0010	0.00026
75-25-2	Bromoform	0.0010	U	0.0010	0.00043
74-83-9	Bromomethane	0.0020	U	0.0020	0.0010
75-15-0	Carbon disulfide	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.0010	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
110-82-7	Cyclohexane	0.0010	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0010	U	0.0010	0.00026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-774534/1-A

Matrix: Solid Lab File ID: K25580.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 05/01/2021 01:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0010	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.0010	U	0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0010	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.0010	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0050	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0010	U	0.0010	0.00051
108-87-2	Methylcyclohexane	0.0010	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017
104-51-8	n-Butylbenzene	0.0010	U	0.0010	0.00029
103-65-1	N-Propylbenzene	0.0010	U	0.0010	0.00018
95-47-6	o-Xylene	0.0010	U	0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0010	U	0.0010	0.00029
100-42-5	Styrene	0.0010	U	0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0010	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
108-88-3	Toluene	0.0010	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0010	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.0020	U	0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		77-145
460-00-4	4-Bromofluorobenzene	81		70-139
1868-53-7	Dibromofluoromethane (Surr)	114		48-150
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25580.D
Lims ID: LB3 460-774534/1-A
Client ID:
Sample Type: LB3
Inject. Date: 01-May-2021 01:16:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-May-2021 09:17:50 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1655

First Level Reviewer: boykink Date: 01-May-2021 02:32:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.565	2.587	-0.022	82	626466	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.569	3.575	-0.006	97	313747	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.142	4.142	0.000	96	240021	50.0	57.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.497	4.497	0.000	0	217150	50.0	54.5	
* 66 Fluorobenzene	96	4.890	4.890	0.000	99	603345	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.719	5.714	0.005	98	40613	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.919	6.925	-0.006	99	905077	50.0	52.7	
* 94 Chlorobenzene-d5	117	9.026	9.031	-0.005	85	547232	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.673	10.673	0.000	89	243340	50.0	40.5	
* 121 1,4-Dichlorobenzene-d4	152	11.819	11.825	-0.006	96	311378	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 01-May-2021 09:18:05 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25580.D

Injection Date: 01-May-2021 01:16:30 Instrument ID: CVOAMS9 Operator ID:

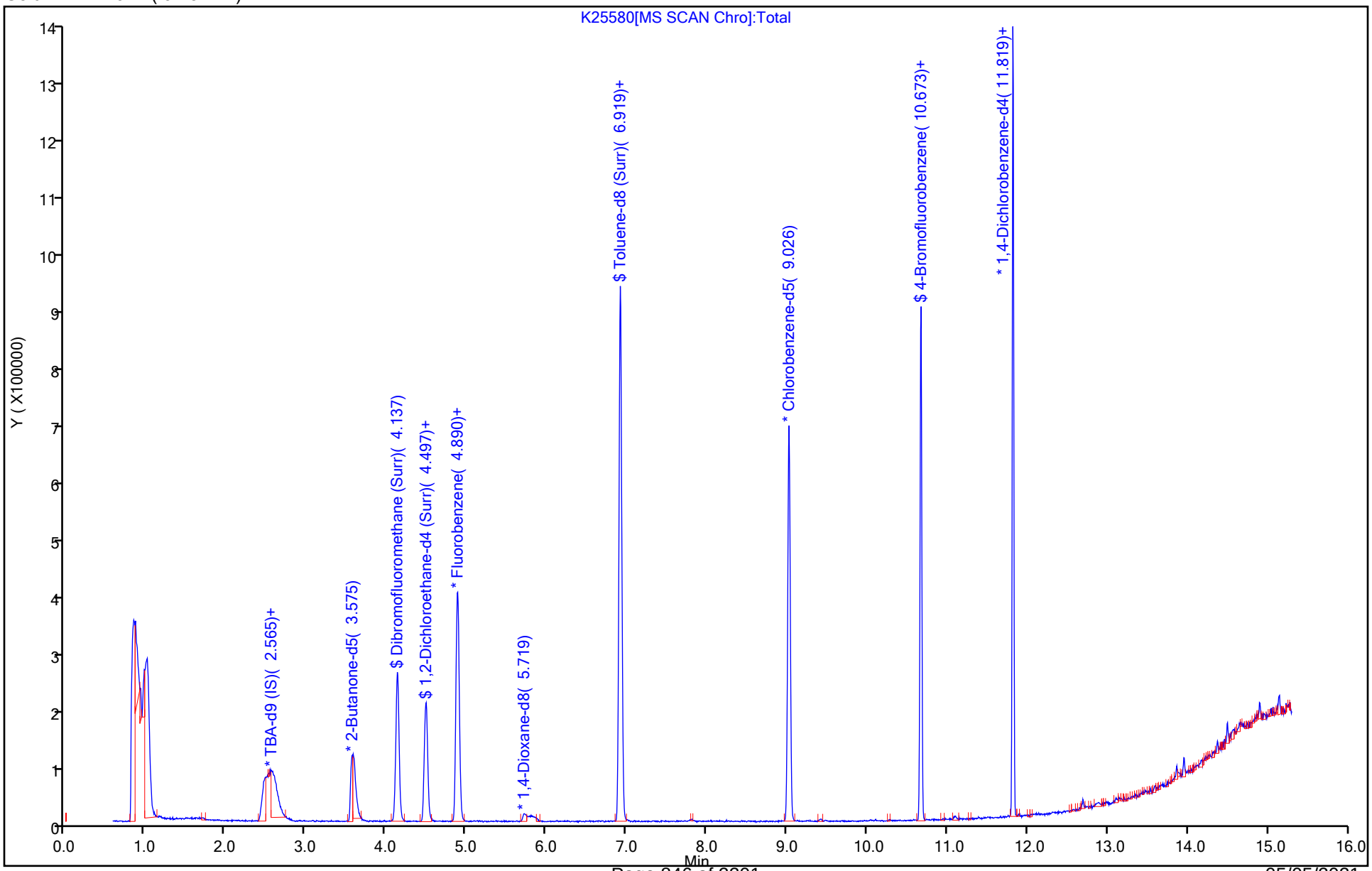
Lims ID: LB3 460-774534/1-A Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774667/4

Matrix: Solid Lab File ID: B71506.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/29/2021 06:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774667 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0234		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0169		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0229		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0192		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0182		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0228		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0266		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0264		0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0190		0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0278		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0212		0.0010	0.00036
107-06-2	1,2-Dichloroethane	0.0201		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0165		0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0189		0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0212		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0206		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.115		0.0050	0.00037
591-78-6	2-Hexanone	0.0820		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0850		0.0050	0.0016
67-64-1	Acetone	0.113		0.0060	0.0057
71-43-2	Benzene	0.0198		0.0010	0.00026
75-25-2	Bromoform	0.0237		0.0010	0.00043
74-83-9	Bromomethane	0.0241		0.0020	0.0010
75-15-0	Carbon disulfide	0.0207		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0244		0.0010	0.00039
108-90-7	Chlorobenzene	0.0203		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0234		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0229		0.0010	0.00019
75-00-3	Chloroethane	0.0197		0.0010	0.00052
67-66-3	Chloroform	0.0213		0.0010	0.00097
74-87-3	Chloromethane	0.0197		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0219		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0190		0.0010	0.00027
110-82-7	Cyclohexane	0.0206		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0214		0.0010	0.00026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774667/4

Matrix: Solid Lab File ID: B71506.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/29/2021 06:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774667 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0208		0.0010	0.00034
100-41-4	Ethylbenzene	0.0209		0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0221		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0222		0.0010	0.00029
79-20-9	Methyl acetate	0.0360		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0194		0.0010	0.00051
108-87-2	Methylcyclohexane	0.0203		0.0010	0.00050
75-09-2	Methylene Chloride	0.0218		0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0212		0.0010	0.00017
104-51-8	n-Butylbenzene	0.0181		0.0010	0.00029
103-65-1	N-Propylbenzene	0.0189		0.0010	0.00018
95-47-6	o-Xylene	0.0212		0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0190		0.0010	0.00029
100-42-5	Styrene	0.0198		0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0206		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0239		0.0010	0.00031
108-88-3	Toluene	0.0196		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0222		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0186		0.0010	0.00027
79-01-6	Trichloroethene	0.0207		0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0277		0.0010	0.00041
75-01-4	Vinyl chloride	0.0224		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0423		0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-145
460-00-4	4-Bromofluorobenzene	96		70-139
1868-53-7	Dibromofluoromethane (Surr)	105		48-150
2037-26-5	Toluene-d8 (Surr)	91		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71506.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 29-Apr-2021 06:53:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0127791-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 29-Apr-2021 10:54:21 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: delpolitov Date: 29-Apr-2021 10:54:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.660	0.673	-0.013	93	110937	NC	NC	
4 Chlorodifluoromethane	67	0.672	0.679	-0.007	94	14757	20.0	17.7	
3 Dichlorodifluoromethane	85	0.672	0.697	-0.025	96	136861	20.0	20.8	
5 Chloromethane	50	0.758	0.752	0.006	99	123306	20.0	19.7	
6 Butadiene	54	0.776	0.782	-0.006	90	82371	20.0	19.9	
7 Vinyl chloride	62	0.794	0.801	-0.007	98	100835	20.0	22.4	
8 Bromomethane	94	0.910	0.916	-0.006	99	83094	20.0	24.1	
9 Chloroethane	64	0.935	0.947	-0.012	99	50038	20.0	19.7	
10 Dichlorofluoromethane	67	1.038	1.044	-0.006	98	145823	20.0	22.3	
12 Pentane	72	1.069	1.069	0.000	94	21646	40.0	40.5	
11 Trichlorofluoromethane	101	1.057	1.081	-0.024	88	172486	20.0	27.7	
14 Ethanol	46	1.185	1.154	0.031	61	8377	800.0	1035.4	Ma
13 Ethyl ether	59	1.172	1.179	-0.007	97	43596	20.0	19.4	
15 2-Methyl-1,3-butadiene	53	1.185	1.191	-0.006	90	47004	20.0	15.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.191	1.209	-0.018	86	73492	20.0	21.7	M
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.233	1.233	0.000	88	96606	20.0	18.7	a
18 Acrolein	56	1.233	1.240	-0.007	96	102794	300.0	224.8	
19 1,1-Dichloroethene	96	1.282	1.294	-0.012	98	73702	20.0	22.8	
21 Acetone	43	1.319	1.319	0.000	88	78803	100.0	112.8	
20 112TCTFE	101	1.319	1.325	-0.006	88	85378	20.0	22.9	a
22 Iodomethane	142	1.355	1.361	-0.006	97	168635	20.0	25.0	
23 Carbon disulfide	76	1.392	1.392	0.000	99	240665	20.0	20.7	
24 Isopropyl alcohol	45	1.441	1.422	0.019	96	42316	200.0	180.5	Ma
25 3-Chloro-1-propene	39	1.471	1.483	-0.012	94	82090	20.0	20.3	
26 Methyl acetate	43	1.502	1.508	-0.006	97	74384	40.0	36.0	
27 Acetonitrile	39	1.495	1.520	-0.025	62	46865	200.0	152.1	Ma
28 Methylene Chloride	84	1.550	1.557	-0.007	85	76872	20.0	21.8	
* 29 TBA-d9 (IS)	65	1.624	1.636	-0.012	0	351527	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.666	1.678	-0.012	91	90298	200.0	207.8	a
31 Acrylonitrile	53	1.703	1.703	0.000	97	185063	200.0	121.0	
32 trans-1,2-Dichloroethene	96	1.709	1.709	0.000	90	79719	20.0	22.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	1.727	1.733	-0.006	95	180214	20.0	19.4	
34 Hexane	57	1.892	1.898	-0.006	90	90461	20.0	17.8	
35 1,1-Dichloroethane	63	1.971	1.989	-0.018	100	114290	20.0	18.2	
36 Vinyl acetate	86	2.038	2.038	0.000	99	23366	40.0	54.9	
37 2-Chloro-1,3-butadiene	88	2.038	2.050	-0.012	69	65364	20.0	21.2	
38 Isopropyl ether	45	2.069	2.063	0.006	88	160014	20.0	15.0	
39 Tert-butyl ethyl ether	87	2.331	2.331	0.000	91	78457	20.0	20.5	
* 40 2-Butanone-d5	46	2.392	2.392	0.000	0	226585	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.416	2.410	0.006	98	81892	20.0	21.9	
42 2,2-Dichloropropane	79	2.404	2.422	-0.018	75	38530	20.0	22.6	
43 2-Butanone (MEK)	72	2.428	2.453	-0.025	95	36498	100.0	114.9	
44 Propionitrile	54	2.483	2.489	-0.006	97	72736	200.0	241.5	
45 Ethyl acetate	70	2.514	2.514	0.000	99	13163	40.0	61.3	
62 Methyl acrylate	55	2.526	2.526	0.000	70	56459	20.0	18.2	
46 Chlorobromomethane	128	2.593	2.593	0.000	58	45345	20.0	23.4	
47 Methacrylonitrile	67	2.599	2.599	0.000	87	223940	200.0	203.0	
48 Tetrahydrofuran	72	2.648	2.648	0.000	64	17894	40.0	51.1	
49 Chloroform	83	2.684	2.690	-0.006	99	130280	20.0	21.3	
$ 50 Dibromofluoromethane (Surr)	113	2.818	2.825	-0.007	99	162159	50.0	52.6	
51 1,1,1-Trichloroethane	97	2.824	2.831	-0.007	75	131666	20.0	23.4	
52 Cyclohexane	84	2.873	2.873	0.000	87	113001	20.0	20.6	
53 Carbon tetrachloride	117	2.965	2.971	-0.006	97	121937	20.0	24.4	
54 1,1-Dichloropropene	75	2.977	2.977	0.000	96	96275	20.0	20.5	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.111	3.117	-0.006	0	154963	50.0	48.7	
56 Benzene	78	3.154	3.160	-0.006	94	263088	20.0	19.8	
57 1,2-Dichloroethane	62	3.184	3.190	-0.006	99	85939	20.0	20.1	
58 Isobutyl alcohol	42	3.233	3.227	0.006	33	39665	500.0	445.0	Ma
59 Tert-amyl methyl ether	73	3.324	3.331	-0.007	91	221583	20.0	21.7	
73 Isopropyl acetate	43	3.337	3.337	0.000	95	239679	20.0	18.6	
* 60 Fluorobenzene	96	3.459	3.459	0.000	100	542508	50.0	50.0	
61 n-Heptane	43	3.507	3.507	0.000	87	88005	20.0	14.2	
63 Trichloroethene	95	3.861	3.867	-0.006	95	72587	20.0	20.7	
64 n-Butanol	43	3.989	4.001	-0.012	87	9507	500.0	345.7	
65 Methylcyclohexane	83	4.068	4.074	-0.006	90	129450	20.0	20.3	
66 Ethyl acrylate	55	4.086	4.087	-0.001	94	149577	20.0	18.0	
67 1,2-Dichloropropane	63	4.111	4.111	0.000	91	56298	20.0	16.5	
68 Dibromomethane	93	4.251	4.245	0.006	75	42453	20.0	21.3	
* 69 1,4-Dioxane-d8	96	4.263	4.269	-0.006	0	28904	1000.0	1000.0	
70 1,4-Dioxane	88	4.318	4.355	-0.037	31	16229	400.0	482.4	Ma
71 Methyl methacrylate	100	4.367	4.367	0.000	93	31759	40.0	45.7	
81 n-Propyl acetate	43	4.483	4.489	-0.006	75	53261	20.0	13.9	
72 Dichlorobromomethane	83	4.489	4.489	0.000	97	92970	20.0	21.4	
74 2-Nitropropane	41	4.800	4.806	-0.006	94	25973	40.0	41.1	
75 2-Chloroethyl vinyl ether	63	5.013	4.989	0.024	30	6074	20.0	24.3	Ma
76 Epichlorohydrin	57	5.001	5.001	0.000	99	85491	400.0	634.0	
77 cis-1,3-Dichloropropene	75	5.105	5.111	-0.006	90	91751	20.0	19.0	
78 4-Methyl-2-pentanone (MIBK)	43	5.403	5.403	0.000	93	222235	100.0	85.0	a
$ 79 Toluene-d8 (Surr)	98	5.464	5.464	0.000	99	518056	50.0	45.4	
80 Toluene	91	5.562	5.556	0.006	95	280112	20.0	19.6	
82 trans-1,3-Dichloropropene	75	5.982	5.983	-0.001	96	78782	20.0	18.6	
83 1,1,2-Trichloroethane	83	6.251	6.251	0.000	92	43482	20.0	19.2	
84 Ethyl methacrylate	69	6.263	6.263	0.000	91	59045	20.0	17.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	6.403	6.397	0.006	95	97774	20.0	23.9	
86 1,3-Dichloropropane	76	6.495	6.501	-0.007	92	77938	20.0	17.1	
87 2-Hexanone	43	6.781	6.787	-0.006	92	140229	100.0	82.0	
88 Chlorodibromomethane	129	6.848	6.854	-0.006	96	72796	20.0	22.9	
89 Ethylene Dibromide	107	6.964	6.964	0.000	99	60539	20.0	22.1	
90 n-Butyl acetate	73	7.116	7.116	0.000	96	12336	20.0	18.1	
* 91 Chlorobenzene-d5	117	7.854	7.854	0.000	82	429233	50.0	50.0	
92 Chlorobenzene	112	7.909	7.903	0.006	97	187655	20.0	20.3	
93 1,1,1,2-Tetrachloroethane	131	8.122	8.122	0.000	95	82385	20.0	23.5	
94 Ethylbenzene	106	8.201	8.208	-0.007	97	105549	20.0	20.9	
95 m-Xylene & p-Xylene	106	8.451	8.458	-0.007	99	128004	20.0	21.2	
96 o-Xylene	106	9.183	9.177	0.006	94	127542	20.0	21.2	
97 Styrene	104	9.226	9.226	0.000	97	197465	20.0	19.8	
98 n-Butyl acrylate	73	9.409	9.409	0.000	98	35710	20.0	18.5	
99 Bromoform	173	9.476	9.470	0.006	97	54620	20.0	23.7	
101 Amyl acetate (mixed isomers)	43	9.890	9.890	0.000	93	68378	20.0	12.8	
102 Isopropylbenzene	105	9.927	9.921	0.006	95	363543	20.0	22.2	
$ 103 4-Bromofluorobenzene	174	10.128	10.128	0.000	96	221011	50.0	48.1	
104 Bromobenzene	156	10.299	10.299	0.000	84	100615	20.0	20.6	
105 1,2,3-Trichloropropane	110	10.518	10.518	0.000	94	25103	20.0	19.6	
106 1,1,2,2-Tetrachloroethane	83	10.543	10.537	0.005	95	73539	20.0	16.9	
107 trans-1,4-Dichloro-2-butene	53	10.646	10.640	0.006	92	17471	20.0	16.8	
108 N-Propylbenzene	120	10.671	10.665	0.006	100	101338	20.0	18.9	
109 2-Chlorotoluene	126	10.707	10.707	0.000	95	94438	20.0	20.0	
110 4-Ethyltoluene	105	10.890	10.884	0.006	97	340196	20.0	18.5	
111 4-Chlorotoluene	91	10.920	10.921	-0.001	96	272159	20.0	17.2	
112 1,3,5-Trimethylbenzene	105	11.018	11.018	0.000	95	302670	20.0	18.9	
100 Butyl Methacrylate	87	11.390	11.390	0.000	92	75627	20.0	15.9	
113 tert-Butylbenzene	119	11.548	11.542	0.006	96	266457	20.0	20.6	
114 1,2,4-Trimethylbenzene	105	11.640	11.634	0.006	97	310724	20.0	19.0	
115 sec-Butylbenzene	105	11.957	11.945	0.012	99	398286	20.0	19.0	
116 1,3-Dichlorobenzene	146	12.024	12.024	0.000	99	207827	20.0	21.2	
* 117 1,4-Dichlorobenzene-d4	152	12.176	12.170	0.006	92	295619	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.219	12.213	0.006	98	204204	20.0	20.6	
119 4-Isopropyltoluene	119	12.298	12.292	0.006	98	364171	20.0	19.8	
120 1,2,3-Trimethylbenzene	105	12.402	12.402	0.000	97	325971	20.0	19.5	
121 Benzyl chloride	126	12.567	12.561	0.006	99	34364	20.0	26.3	
122 2,3-Dihydroindene	117	12.719	12.719	0.000	95	316840	20.0	22.3	
123 1,2-Dichlorobenzene	146	12.871	12.871	0.000	99	201611	20.0	21.2	
124 p-Diethylbenzene	119	12.981	12.975	0.006	94	195823	20.0	19.9	
125 n-Butylbenzene	92	13.005	12.999	0.006	97	188436	20.0	18.1	
126 1,2-Dibromo-3-Chloropropane	157	13.707	13.707	0.000	88	26120	20.0	27.8	
127 1,2,4,5-Tetramethylbenzene	119	13.737	13.737	0.000	98	373285	20.0	21.9	
128 1,3,5-Trichlorobenzene	180	13.883	13.877	0.006	96	213941	20.0	25.1	
129 1,2,4-Trichlorobenzene	180	14.322	14.310	0.012	93	205238	20.0	26.4	
130 Hexachlorobutadiene	225	14.462	14.450	0.012	98	114868	20.0	26.2	
131 Naphthalene	128	14.469	14.456	0.013	99	400486	20.0	26.0	
132 1,2,3-Trichlorobenzene	180	14.633	14.615	0.018	96	198466	20.0	26.6	
S 133 1,2-Dichloroethene, Total	100				0		40.0	44.1	
S 134 1,3-Dichloropropene, Total	100				0		40.0	37.5	
S 135 Xylenes, Total	100				0		40.0	42.3	
S 136 Total BTEX	1				0		100.0	102.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00418	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00136	Amount Added:	2.00	Units: uL	
524freon_00036	Amount Added:	2.00	Units: uL	
ACROLEIN W_00123	Amount Added:	3.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 29-Apr-2021 10:54:23 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71506.D

Injection Date: 29-Apr-2021 06:53:30 Instrument ID: CVOAMS2 Operator ID:

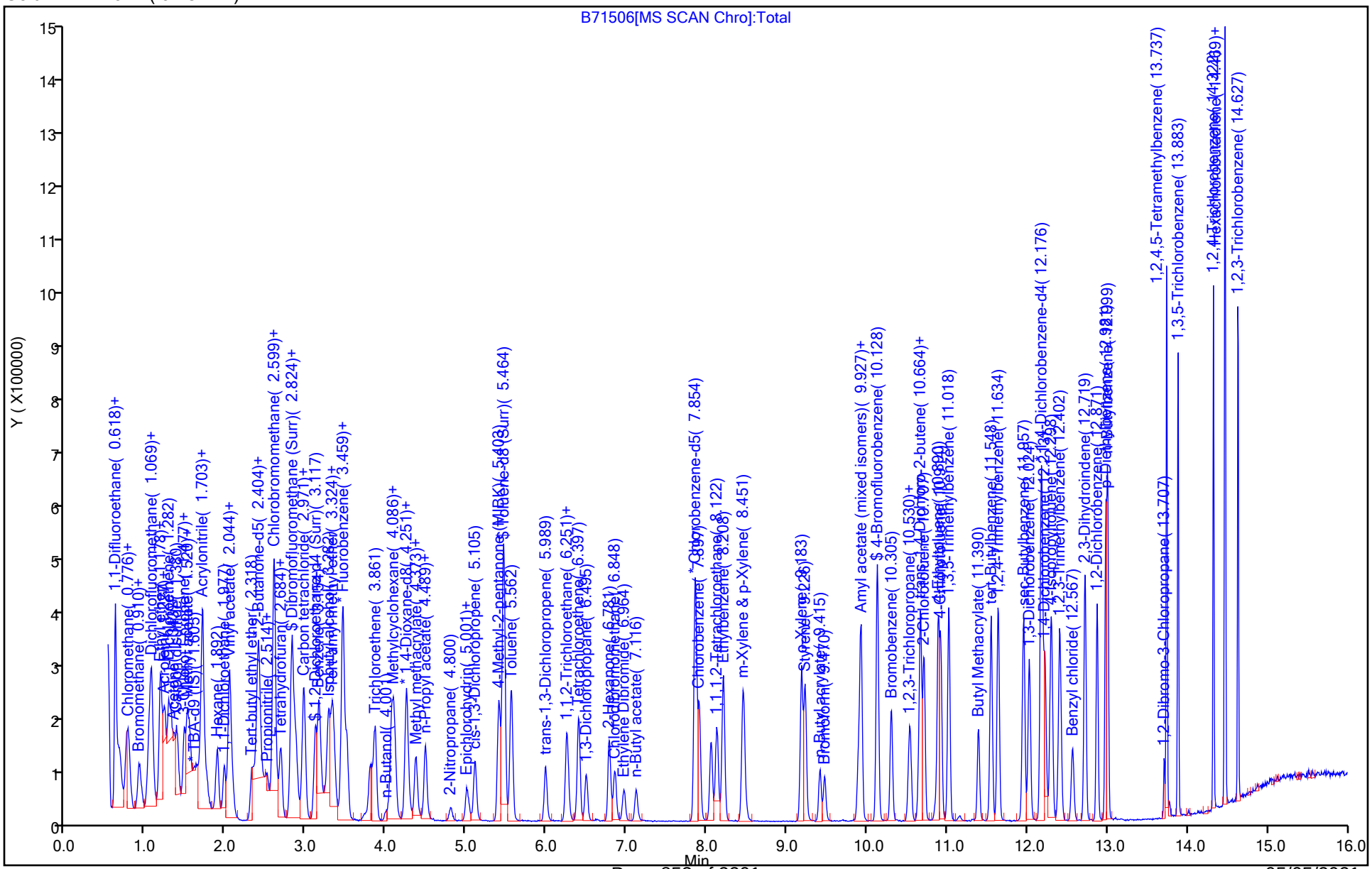
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

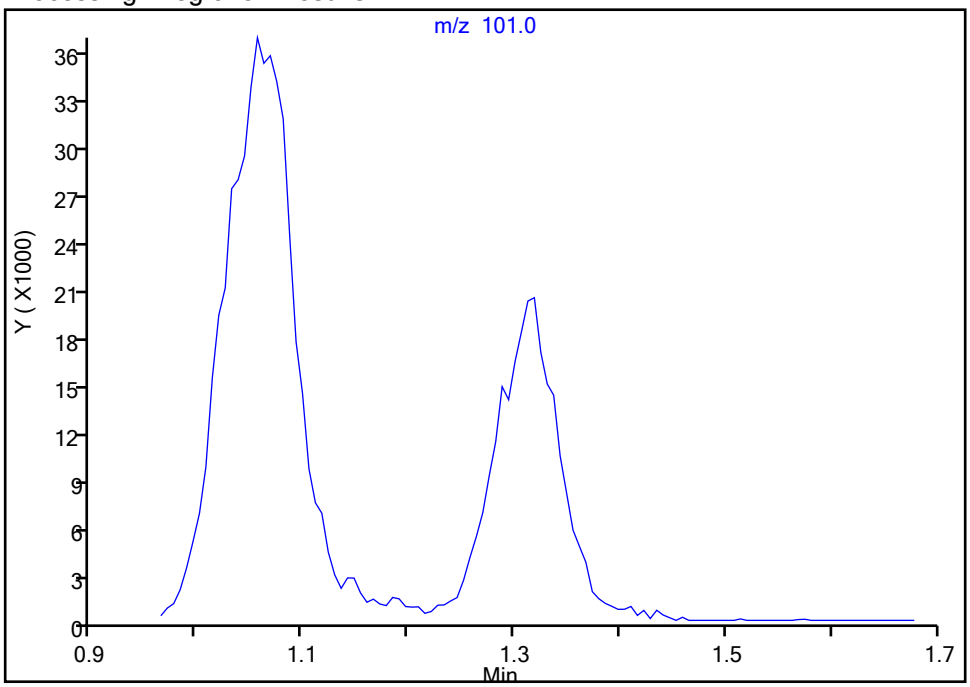
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71506.D
Injection Date: 29-Apr-2021 06:53:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

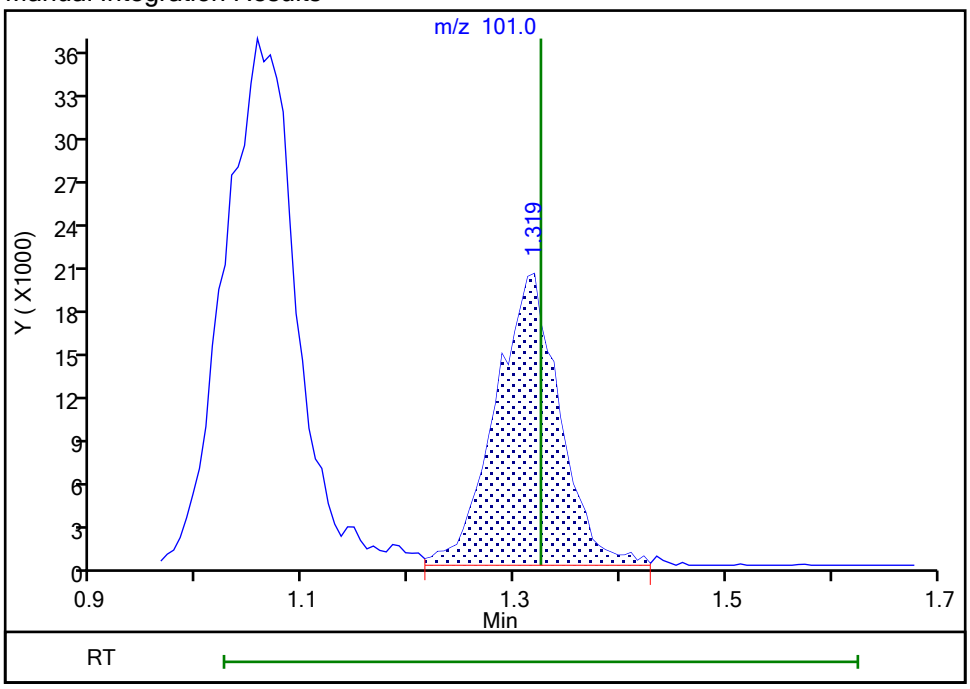
Not Detected
Expected RT: 1.32

Processing Integration Results



Manual Integration Results

RT: 1.32
Area: 85378
Amount: 22.901872
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 07:16:33
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

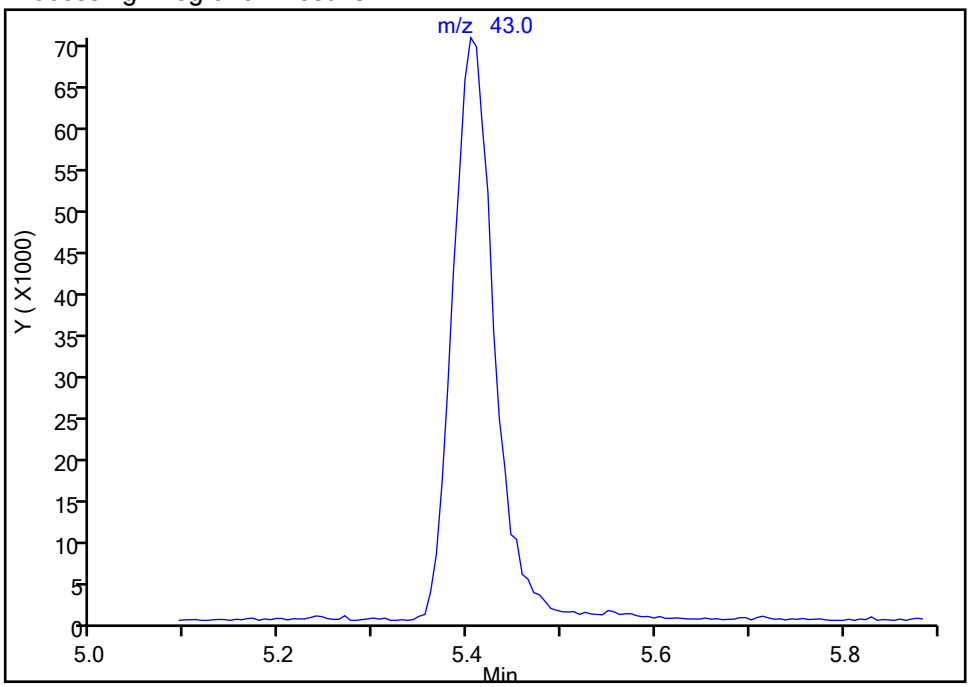
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71506.D
Injection Date: 29-Apr-2021 06:53:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

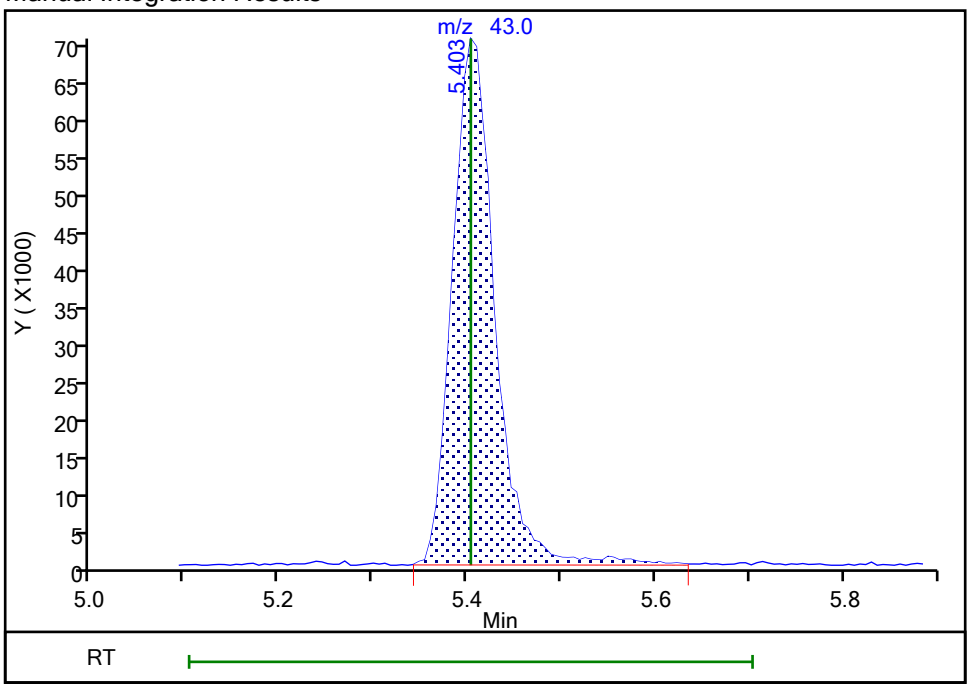
Not Detected
Expected RT: 5.40

Processing Integration Results



Manual Integration Results

RT: 5.40
Area: 222235
Amount: 85.028798
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 07:18:37
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

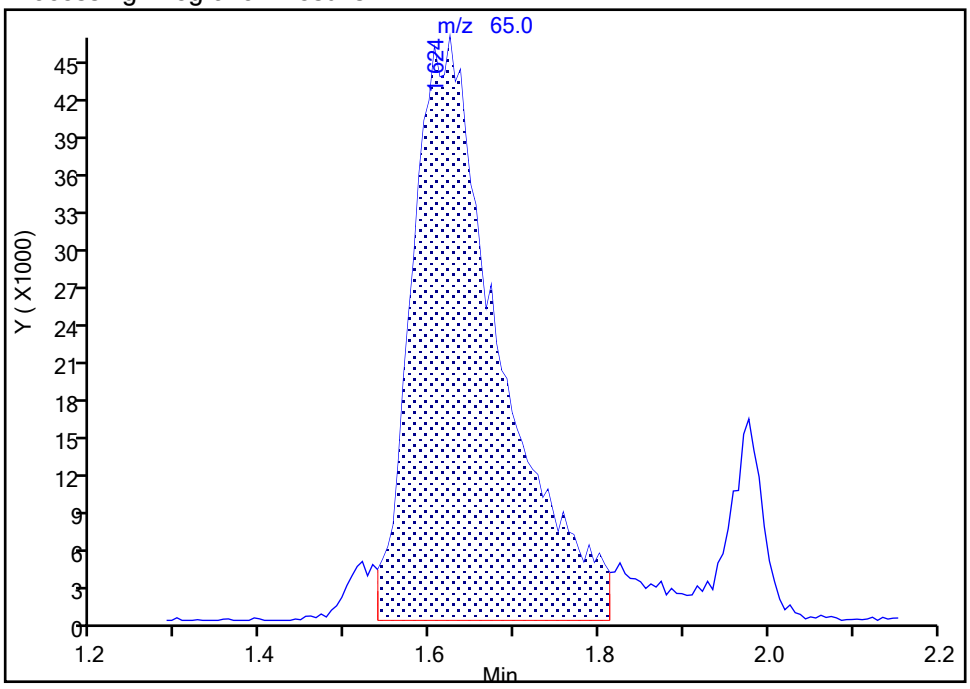
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71506.D
Injection Date: 29-Apr-2021 06:53:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

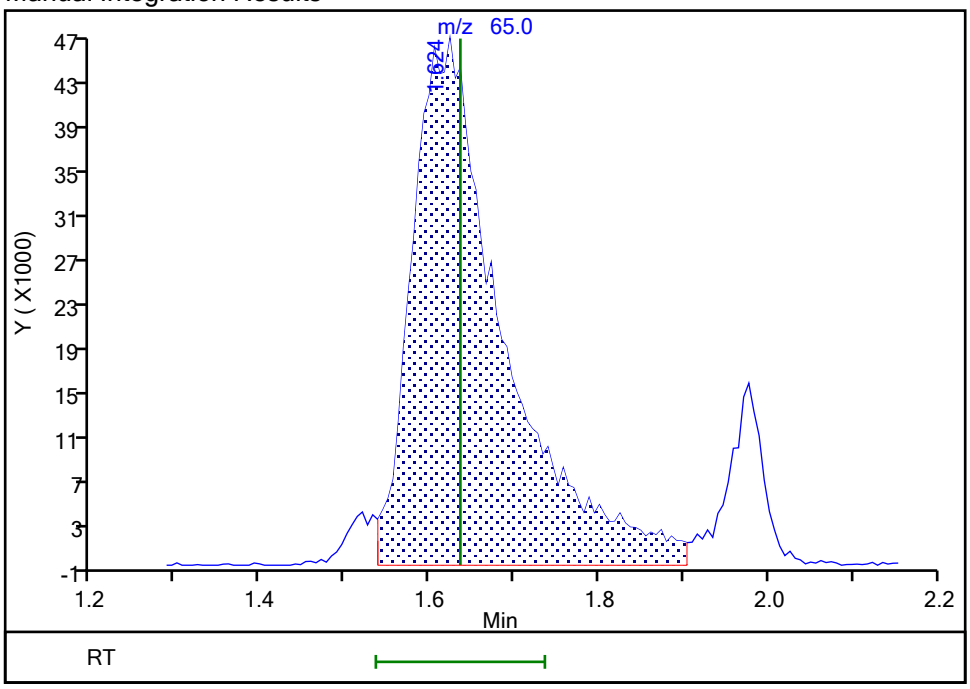
Processing Integration Results

RT: 1.62
Area: 335342
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.62
Area: 351527
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 29-Apr-2021 10:50:53
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-775117/4

Matrix: Solid Lab File ID: K25575.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 22:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0212		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0220		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0221		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0202		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0217		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0208		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0165		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0162		0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0207		0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0177		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0184		0.0010	0.00036
107-06-2	1,2-Dichloroethane	0.0204		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0215		0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0203		0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0184		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0183		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0931		0.0050	0.00037
591-78-6	2-Hexanone	0.0953		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0954		0.0050	0.0016
67-64-1	Acetone	0.0825		0.0060	0.0057
71-43-2	Benzene	0.0196		0.0010	0.00026
75-25-2	Bromoform	0.0173		0.0010	0.00043
74-83-9	Bromomethane	0.0174		0.0020	0.0010
75-15-0	Carbon disulfide	0.0217		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0224		0.0010	0.00039
108-90-7	Chlorobenzene	0.0187		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0197		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0190		0.0010	0.00019
75-00-3	Chloroethane	0.0159		0.0010	0.00052
67-66-3	Chloroform	0.0217		0.0010	0.00097
74-87-3	Chloromethane	0.0132		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0211		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0196		0.0010	0.00027
110-82-7	Cyclohexane	0.0229		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0224		0.0010	0.00026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-775117/4

Matrix: Solid Lab File ID: K25575.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 22:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0148		0.0010	0.00034
100-41-4	Ethylbenzene	0.0191		0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0196		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0192		0.0010	0.00029
79-20-9	Methyl acetate	0.0295		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0215		0.0010	0.00051
108-87-2	Methylcyclohexane	0.0223		0.0010	0.00050
75-09-2	Methylene Chloride	0.0215		0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0187		0.0010	0.00017
104-51-8	n-Butylbenzene	0.0220		0.0010	0.00029
103-65-1	N-Propylbenzene	0.0225		0.0010	0.00018
95-47-6	o-Xylene	0.0194		0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0218		0.0010	0.00029
100-42-5	Styrene	0.0192		0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0199		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0151		0.0010	0.00031
108-88-3	Toluene	0.0190		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0212		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0200		0.0010	0.00027
79-01-6	Trichloroethene	0.0218		0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0180		0.0010	0.00041
75-01-4	Vinyl chloride	0.0155		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0380		0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		77-145
460-00-4	4-Bromofluorobenzene	84		70-139
1868-53-7	Dibromofluoromethane (Surr)	116		48-150
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25575.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Apr-2021 22:28:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-May-2021 09:13:27 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1655

First Level Reviewer: boykink Date: 01-May-2021 02:31:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.092	1.092	0.000	99	128178	20.0	14.8	
6 Chloromethane	50	1.218	1.228	-0.010	98	145186	20.0	13.2	
7 Butadiene	54	1.267	1.261	0.006	87	84622	20.0	14.8	
8 Vinyl chloride	62	1.283	1.283	0.000	97	128687	20.0	15.5	
9 Bromomethane	94	1.490	1.490	0.000	98	89671	20.0	17.4	
10 Chloroethane	64	1.518	1.512	0.006	98	55736	20.0	15.9	
11 Dichlorofluoromethane	67	1.665	1.665	0.000	98	148313	20.0	15.8	
13 Pentane	72	1.703	1.709	-0.006	96	18564	40.0	24.2	
12 Trichlorofluoromethane	101	1.730	1.736	-0.006	97	130111	20.0	18.0	M
15 Ethyl ether	59	1.856	1.856	0.000	95	49125	20.0	19.8	
16 2-Methyl-1,3-butadiene	53	1.878	1.883	-0.005	95	54141	20.0	19.7	
19 Acrolein	56	1.960	1.960	0.000	95	115026	300.0	195.2	
14 Ethanol	46	1.987	1.987	0.000	65	22562	800.0	680.2	a
21 1,1-Dichloroethene	96	2.036	2.041	-0.005	98	70686	20.0	20.8	
22 Acetone	43	2.091	2.080	0.011	88	117079	100.0	82.5	
20 112TCTFE	101	2.096	2.085	0.011	95	96333	20.0	22.1	
23 Iodomethane	142	2.161	2.167	-0.006	98	141387	20.0	19.0	
24 Isopropyl alcohol	45	2.200	2.194	0.006	36	48389	200.0	98.4	M
25 Carbon disulfide	76	2.211	2.211	0.000	99	307998	20.0	21.7	M
26 3-Chloro-1-propene	39	2.331	2.331	0.000	94	74319	20.0	19.5	
27 Methyl acetate	43	2.352	2.352	0.000	99	97193	40.0	29.5	
29 Acetonitrile	41	2.391	2.402	-0.011	30	58043	200.0	113.1	Ma
28 Cyclopentene	67	2.407	2.407	0.000	93	185679	20.0	22.2	
31 Methylene Chloride	84	2.429	2.434	-0.005	91	91297	20.0	21.5	
* 30 TBA-d9 (IS)	65	2.554	2.587	-0.033	92	868883	1000.0	1000.0	
35 Acrylonitrile	53	2.642	2.653	-0.011	96	278766	200.0	210.9	
32 2-Methyl-2-propanol	59	2.620	2.663	-0.043	45	134436	200.0	149.9	
34 trans-1,2-Dichloroethene	96	2.669	2.674	-0.005	95	75739	20.0	21.2	
33 Methyl tert-butyl ether	73	2.680	2.696	-0.016	95	249300	20.0	21.5	
36 Hexane	43	2.931	2.936	-0.005	92	67950	20.0	21.6	
38 1,1-Dichloroethane	63	3.051	3.062	-0.011	99	131690	20.0	21.7	
39 Vinyl acetate	86	3.116	3.122	-0.006	100	25429	40.0	33.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 2-Chloro-1,3-butadiene	88	3.149	3.149	0.000	83	66663	20.0	21.9	
37 Isopropyl ether	45	3.149	3.155	-0.006	87	262805	20.0	21.3	
41 Tert-butyl ethyl ether	87	3.509	3.504	0.005	92	106713	20.0	22.3	
* 42 2-Butanone-d5	46	3.569	3.575	-0.006	94	424742	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.624	3.624	0.000	95	82915	20.0	21.1	
46 2-Butanone (MEK)	72	3.635	3.635	0.000	90	45273	100.0	93.1	
43 2,2-Dichloropropane	79	3.635	3.651	-0.016	73	43256	20.0	21.0	
48 Propionitrile	54	3.711	3.717	-0.006	62	118222	200.0	146.8	a
45 Ethyl acetate	70	3.711	3.722	-0.011	99	13942	40.0	38.2	
47 Methyl acrylate	55	3.744	3.738	0.006	99	79161	20.0	21.2	
51 Methacrylonitrile	67	3.858	3.864	-0.006	89	291236	200.0	220.9	
50 Chlorobromomethane	128	3.869	3.869	0.000	51	40845	20.0	19.7	
49 Tetrahydrofuran	72	3.935	3.924	0.011	29	21091	40.0	38.1	a
52 Chloroform	83	3.973	3.973	0.000	99	128791	20.0	21.7	
$ 55 Dibromofluoromethane (Surr)	113	4.131	4.142	-0.011	96	265950	50.0	57.9	
54 1,1,1-Trichloroethane	97	4.159	4.169	-0.011	98	129516	20.0	21.2	
53 Cyclohexane	84	4.235	4.235	0.000	89	148044	20.0	22.9	
57 1,1-Dichloropropene	75	4.333	4.344	-0.011	98	96563	20.0	21.8	
56 Carbon tetrachloride	117	4.349	4.344	0.005	96	109504	20.0	22.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.497	4.497	0.000	0	260022	50.0	59.6	
60 Benzene	78	4.557	4.562	-0.005	94	306906	20.0	19.6	
58 Isobutyl alcohol	74	4.562	4.568	-0.006	30	27783	500.0	397.6	a
64 1,2-Dichloroethane	62	4.579	4.584	-0.005	95	84851	20.0	20.4	
59 Isooctane	57	4.693	4.688	0.005	96	336148	20.0	22.2	
62 Isopropyl acetate	61	4.699	4.715	-0.016	96	29484	20.0	22.3	a
63 Tert-amyl methyl ether	73	4.726	4.731	-0.005	91	293089	20.0	22.6	
* 66 Fluorobenzene	96	4.890	4.890	0.000	99	660438	50.0	50.0	
65 n-Heptane	43	4.911	4.912	-0.001	93	123540	20.0	22.4	
69 Trichloroethene	95	5.326	5.332	-0.006	99	72556	20.0	21.8	
68 n-Butanol	56	5.315	5.386	-0.071	88	75571	500.0	430.6	M
70 Ethyl acrylate	55	5.506	5.506	0.000	98	77665	20.0	22.5	
71 Methylcyclohexane	83	5.577	5.572	0.005	94	166359	20.0	22.3	
72 1,2-Dichloropropane	63	5.599	5.599	0.000	90	79058	20.0	21.5	
* 73 1,4-Dioxane-d8	96	5.719	5.714	0.005	33	61282	1000.0	1000.0	
77 Dibromomethane	93	5.730	5.735	-0.005	94	44864	20.0	21.0	
74 Methyl methacrylate	69	5.801	5.801	0.000	89	94813	40.0	46.2	
75 1,4-Dioxane	88	5.779	5.834	-0.055	28	23782	400.0	349.8	a
76 n-Propyl acetate	43	5.899	5.905	-0.006	97	90155	20.0	21.5	
78 Dichlorobromomethane	83	5.959	5.965	-0.006	99	94352	20.0	22.4	
79 2-Nitropropane	41	6.270	6.265	0.005	94	25579	40.0	48.1	
67 2-Chloroethyl vinyl ether	63	6.401	6.401	0.000	91	41859	20.0	22.6	
80 Epichlorohydrin	57	6.445	6.450	-0.005	99	145491	400.0	370.9	
81 cis-1,3-Dichloropropene	75	6.565	6.559	0.006	89	115453	20.0	19.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.816	6.821	-0.005	95	374401	100.0	95.4	
$ 83 Toluene-d8 (Surr)	98	6.919	6.925	-0.006	99	1058053	50.0	52.5	
84 Toluene	91	7.012	7.012	0.000	93	314816	20.0	19.0	
85 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	95	102284	20.0	20.0	
86 Ethyl methacrylate	69	7.558	7.558	0.000	89	90252	20.0	20.2	
87 1,1,2-Trichloroethane	83	7.601	7.607	-0.006	94	54441	20.0	20.2	
88 Tetrachloroethene	166	7.787	7.787	0.000	95	66283	20.0	15.1	
89 1,3-Dichloropropane	76	7.836	7.842	-0.006	91	102211	20.0	19.0	
90 2-Hexanone	43	8.027	8.027	0.000	94	227769	100.0	95.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
92 Chlorodibromomethane	129	8.153	8.158	-0.005	98	68369	20.0	19.0	
91 n-Butyl acetate	43	8.273	8.273	0.000	98	101733	20.0	19.2	
93 Ethylene Dibromide	107	8.289	8.294	-0.005	99	64768	20.0	19.6	
* 94 Chlorobenzene-d5	117	9.026	9.031	-0.005	84	641936	50.0	50.0	
95 Chlorobenzene	112	9.069	9.069	0.000	95	203274	20.0	18.7	
97 1,1,1,2-Tetrachloroethane	131	9.227	9.227	0.000	96	88587	20.0	18.3	
96 Ethylbenzene	106	9.293	9.288	0.005	98	115134	20.0	19.1	
98 m-Xylene & p-Xylene	106	9.484	9.484	0.000	0	139558	20.0	18.7	
100 o-Xylene	106	10.046	10.046	0.000	94	152907	20.0	19.4	
101 Styrene	104	10.068	10.068	0.000	96	224281	20.0	19.2	
99 n-Butyl acrylate	73	10.106	10.106	0.000	99	59873	20.0	21.9	
103 Bromoform	173	10.259	10.259	0.000	95	45475	20.0	17.3	
102 Amyl acetate (mixed isomers)	43	10.412	10.412	0.000	91	131724	20.0	23.6	
104 Isopropylbenzene	105	10.526	10.526	0.000	95	416471	20.0	19.2	
$ 105 4-Bromofluorobenzene	174	10.673	10.673	0.000	87	294725	50.0	41.8	
106 Bromobenzene	156	10.810	10.810	0.000	99	84303	20.0	17.7	
107 1,1,2,2-Tetrachloroethane	83	10.875	10.875	0.000	98	105093	20.0	22.0	
109 1,2,3-Trichloropropane	110	10.897	10.892	0.005	97	27654	20.0	21.4	
110 trans-1,4-Dichloro-2-butene	53	10.935	10.935	0.000	94	21846	20.0	19.7	
108 N-Propylbenzene	91	10.984	10.984	0.000	100	485853	20.0	22.5	
111 2-Chlorotoluene	91	11.039	11.039	0.000	96	279381	20.0	21.6	
112 4-Ethyltoluene	105	11.104	11.104	0.000	99	380893	20.0	21.4	
114 4-Chlorotoluene	91	11.154	11.154	0.000	97	290747	20.0	21.3	
113 1,3,5-Trimethylbenzene	105	11.175	11.175	0.000	93	344572	20.0	20.3	
115 Butyl Methacrylate	87	11.323	11.323	0.000	88	122446	20.0	25.5	
116 tert-Butylbenzene	119	11.486	11.486	0.000	94	268611	20.0	19.9	
117 1,2,4-Trimethylbenzene	105	11.530	11.530	0.000	97	352894	20.0	20.7	
118 sec-Butylbenzene	105	11.694	11.688	0.006	99	474678	20.0	21.8	
120 1,3-Dichlorobenzene	146	11.759	11.759	0.000	96	167545	20.0	18.4	
* 121 1,4-Dichlorobenzene-d4	152	11.825	11.825	0.000	96	372042	50.0	50.0	
119 4-Isopropyltoluene	119	11.836	11.830	0.006	98	397285	20.0	20.3	
122 1,4-Dichlorobenzene	146	11.841	11.841	0.000	95	169394	20.0	18.3	
123 1,2,3-Trimethylbenzene	105	11.907	11.907	0.000	98	395677	20.0	21.3	
124 Benzyl chloride	91	11.972	11.972	0.000	99	184880	20.0	22.6	
125 2,3-Dihydroindene	117	12.065	12.065	0.000	94	359870	20.0	21.0	
128 1,2-Dichlorobenzene	146	12.158	12.158	0.000	95	175651	20.0	18.4	
126 p-Diethylbenzene	119	12.168	12.168	0.000	94	207819	20.0	20.6	a
127 n-Butylbenzene	92	12.185	12.185	0.000	97	217450	20.0	22.0	
129 1,2,4,5-Tetramethylbenzene	119	12.790	12.791	0.000	97	409104	20.0	21.6	
130 1,2-Dibromo-3-Chloropropane	157	12.796	12.796	0.000	89	24809	20.0	17.7	
131 1,3,5-Trichlorobenzene	180	12.960	12.960	0.000	97	150854	20.0	16.4	
132 1,2,4-Trichlorobenzene	180	13.418	13.418	0.000	94	143534	20.0	16.2	
133 Hexachlorobutadiene	225	13.554	13.554	0.000	93	64088	20.0	14.0	
134 Naphthalene	128	13.587	13.587	0.000	99	425560	20.0	21.6	
135 1,2,3-Trichlorobenzene	180	13.762	13.762	0.000	96	153069	20.0	16.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.3	
S 137 Xylenes, Total	100				0		40.0	38.0	
S 139 Total BTEX	1				0		100.0	95.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00418	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00136	Amount Added:	2.00	Units: uL	
ACROLEIN W_00123	Amount Added:	3.00	Units: uL	
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-May-2021 09:13:53 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25575.D

Injection Date: 30-Apr-2021 22:28:30 Instrument ID: CVOAMS9 Operator ID:

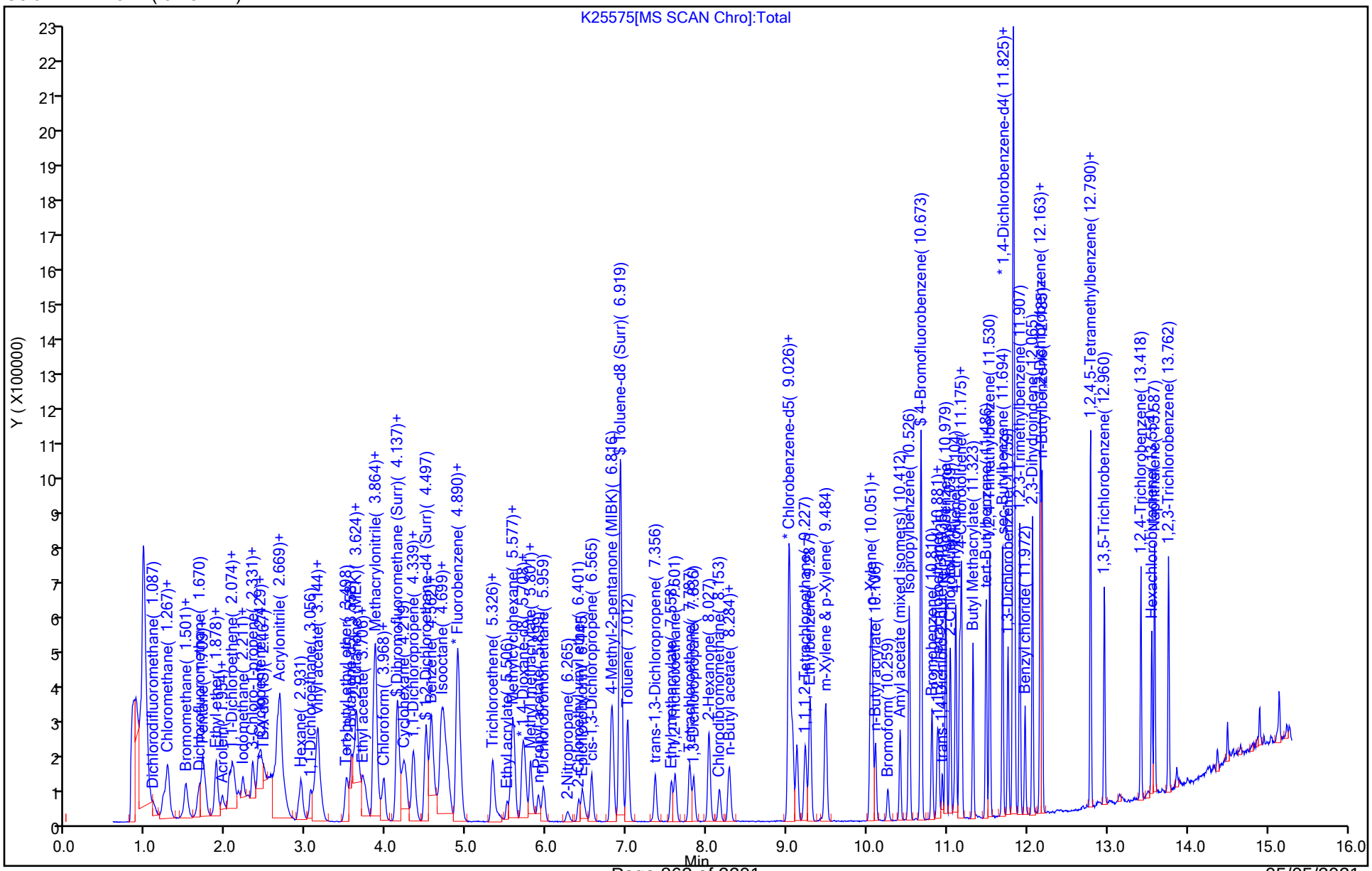
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

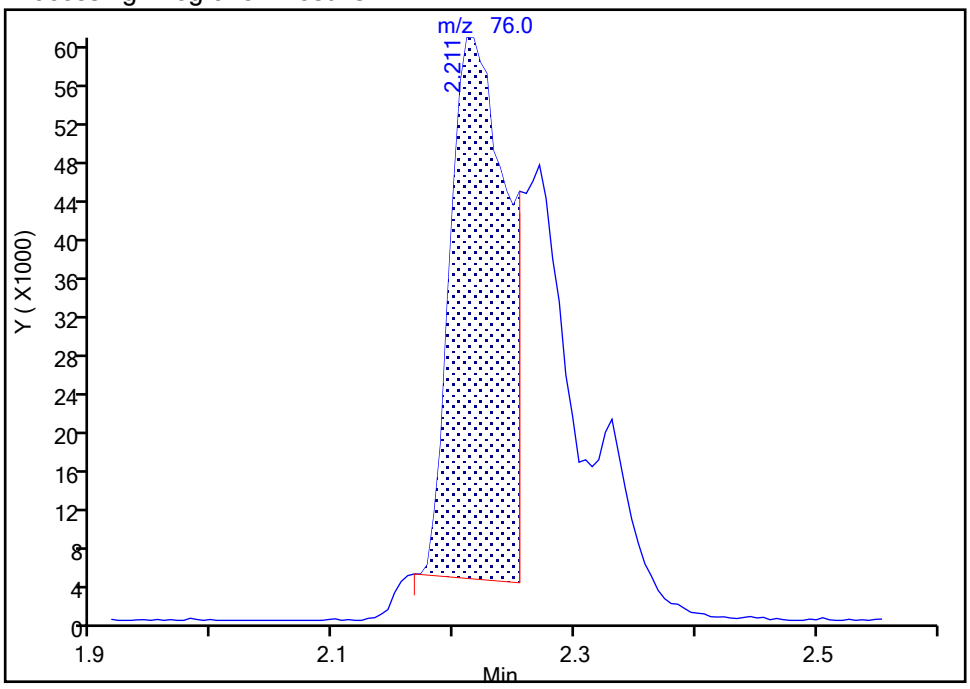
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25575.D
Injection Date: 30-Apr-2021 22:28:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Signal: 1

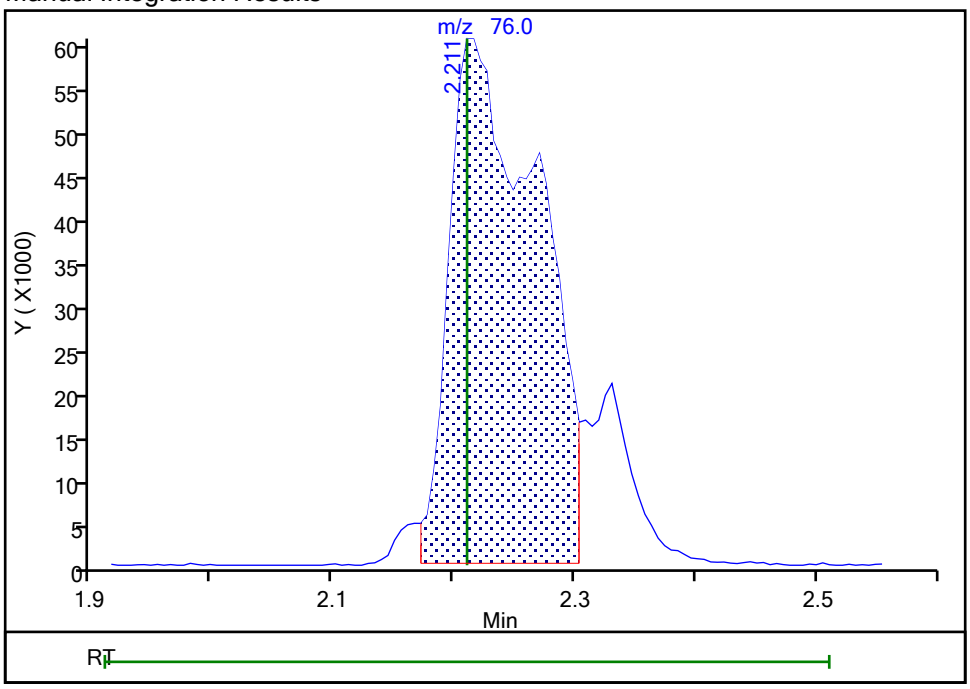
Processing Integration Results

RT: 2.21
Area: 184837
Amount: 13.005849
Amount Units: ug/l



Manual Integration Results

RT: 2.21
Area: 307998
Amount: 21.671936
Amount Units: ug/l



Reviewer: baronm, 01-May-2021 09:11:40
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

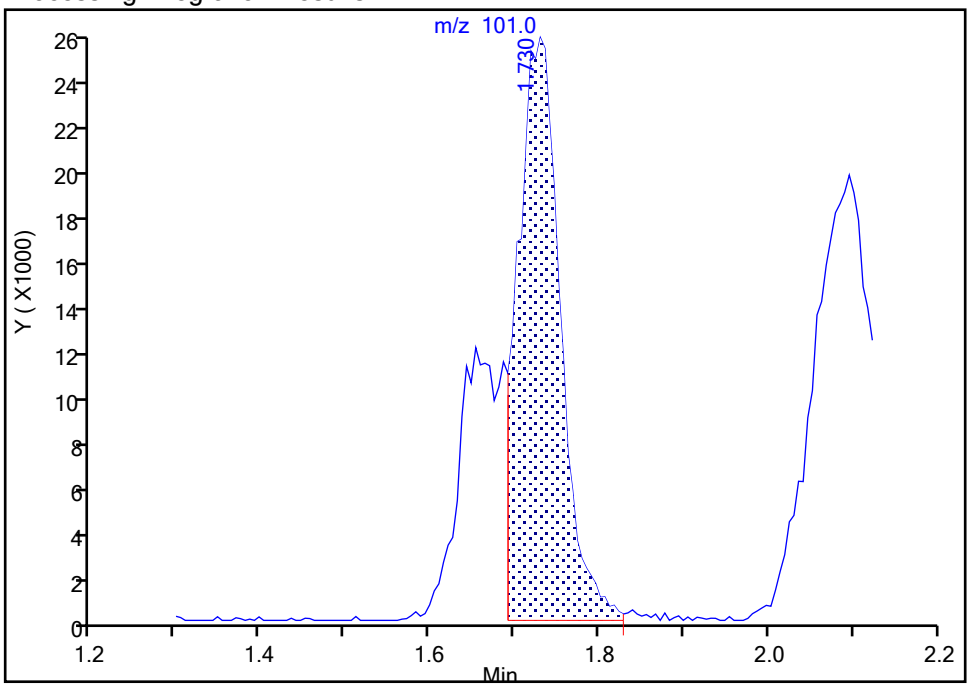
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25575.D
Injection Date: 30-Apr-2021 22:28:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

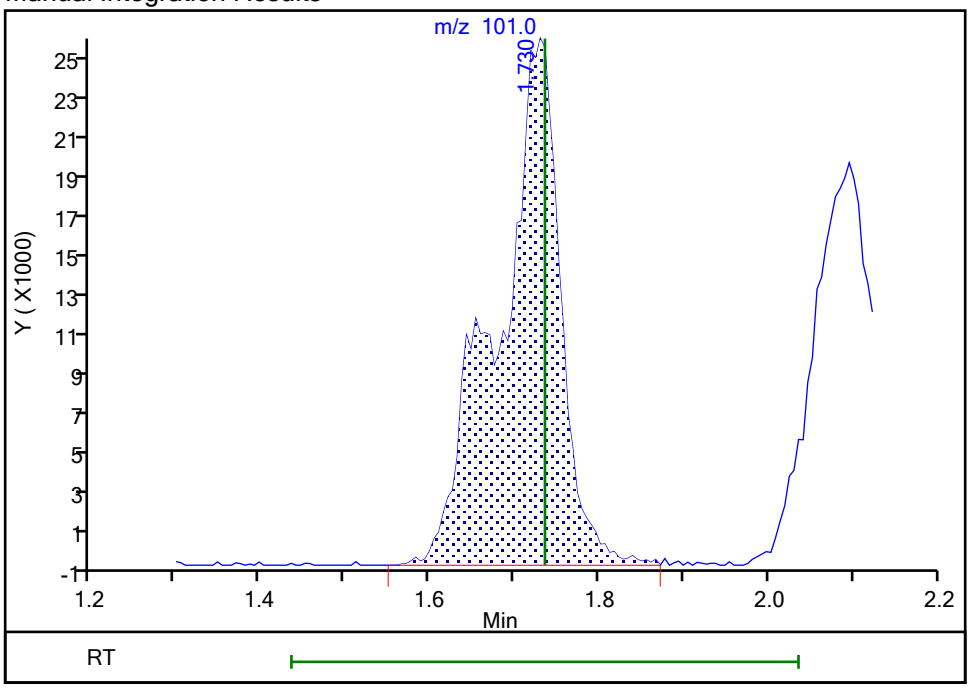
Processing Integration Results

RT: 1.73
Area: 88482
Amount: 12.263503
Amount Units: ug/l



Manual Integration Results

RT: 1.73
Area: 130111
Amount: 18.033235
Amount Units: ug/l



Reviewer: baronm, 01-May-2021 09:10:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

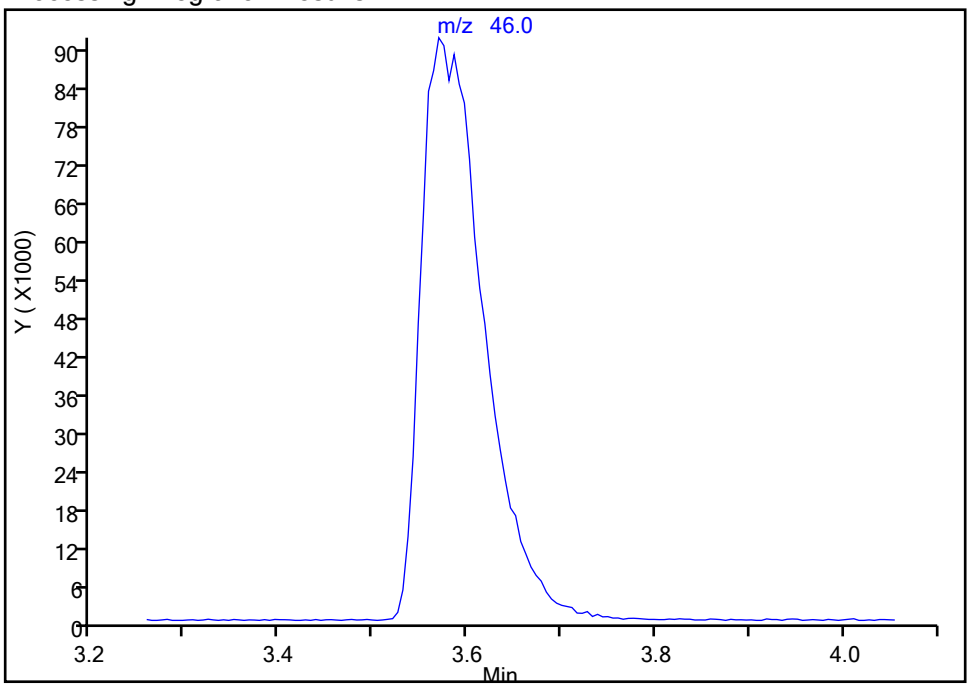
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25575.D
Injection Date: 30-Apr-2021 22:28:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

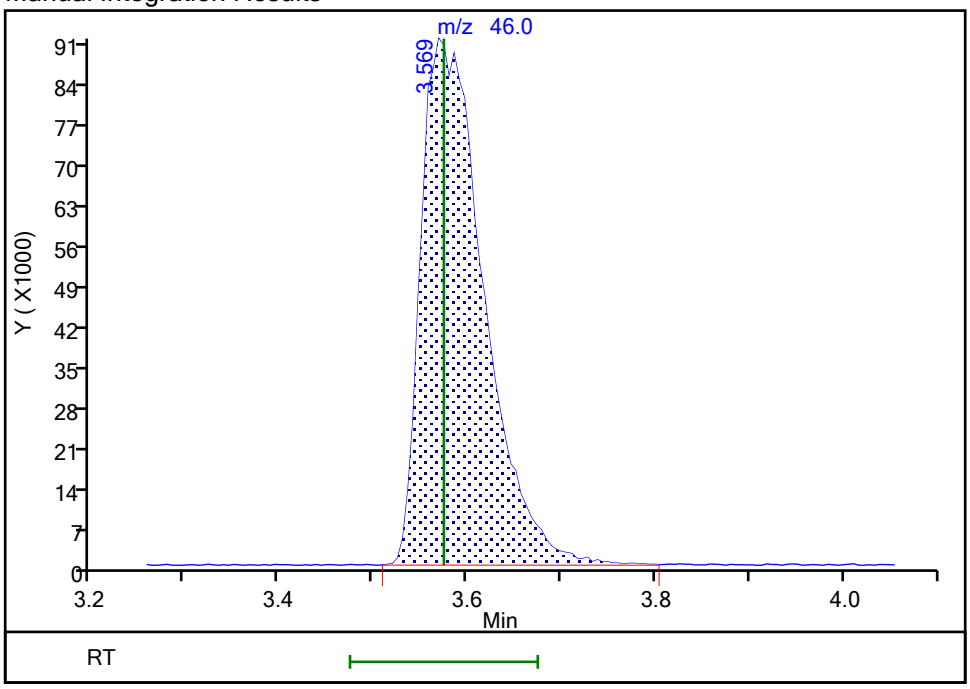
Not Detected
Expected RT: 3.57

Processing Integration Results



RT: 3.57
Area: 424742
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 01-May-2021 00:51:47
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774667/5

Matrix: Solid Lab File ID: B71507.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/29/2021 07:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774667 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0218		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0156		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0212		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0177		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0167		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0208		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0245		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0238		0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0179		0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0244		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0198		0.0010	0.00036
107-06-2	1,2-Dichloroethane	0.0191		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0159		0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0177		0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0196		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0196		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.107		0.0050	0.00037
591-78-6	2-Hexanone	0.0801		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0823		0.0050	0.0016
67-64-1	Acetone	0.102		0.0060	0.0057
71-43-2	Benzene	0.0183		0.0010	0.00026
75-25-2	Bromoform	0.0232		0.0010	0.00043
74-83-9	Bromomethane	0.0209		0.0020	0.0010
75-15-0	Carbon disulfide	0.0192		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0229		0.0010	0.00039
108-90-7	Chlorobenzene	0.0198		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0225		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0216		0.0010	0.00019
75-00-3	Chloroethane	0.0177		0.0010	0.00052
67-66-3	Chloroform	0.0195		0.0010	0.00097
74-87-3	Chloromethane	0.0172		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0205		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0177		0.0010	0.00027
110-82-7	Cyclohexane	0.0191		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0192		0.0010	0.00026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774667/5

Matrix: Solid Lab File ID: B71507.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/29/2021 07:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774667 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0191		0.0010	0.00034
100-41-4	Ethylbenzene	0.0201		0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0197		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0210		0.0010	0.00029
79-20-9	Methyl acetate	0.0342		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0177		0.0010	0.00051
108-87-2	Methylcyclohexane	0.0193		0.0010	0.00050
75-09-2	Methylene Chloride	0.0193		0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0203		0.0010	0.00017
104-51-8	n-Butylbenzene	0.0168		0.0010	0.00029
103-65-1	N-Propylbenzene	0.0181		0.0010	0.00018
95-47-6	o-Xylene	0.0203		0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0176		0.0010	0.00029
100-42-5	Styrene	0.0189		0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0197		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0236		0.0010	0.00031
108-88-3	Toluene	0.0179		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0214		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0179		0.0010	0.00027
79-01-6	Trichloroethene	0.0202		0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0242		0.0010	0.00041
75-01-4	Vinyl chloride	0.0204		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0406		0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		77-145
460-00-4	4-Bromofluorobenzene	89		70-139
1868-53-7	Dibromofluoromethane (Surr)	94		48-150
2037-26-5	Toluene-d8 (Surr)	82		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71507.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 29-Apr-2021 07:19:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0127791-005
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 29-Apr-2021 10:56:22 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: delpolitov Date: 29-Apr-2021 10:56:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.660	0.673	-0.013	87	64008	NC	NC	
4 Chlorodifluoromethane	67	0.679	0.679	0.000	96	16360	20.0	17.2	
3 Dichlorodifluoromethane	85	0.673	0.697	-0.024	96	142994	20.0	19.1	
5 Chloromethane	50	0.752	0.752	0.000	99	122460	20.0	17.2	
6 Butadiene	54	0.770	0.782	-0.012	93	76408	20.0	16.2	
7 Vinyl chloride	62	0.801	0.801	0.000	98	104886	20.0	20.4	
8 Bromomethane	94	0.917	0.916	0.001	98	81923	20.0	20.9	
9 Chloroethane	64	0.935	0.947	-0.012	98	51236	20.0	17.7	
10 Dichlorofluoromethane	67	1.045	1.044	0.001	98	144376	20.0	19.3	
12 Pentane	72	1.075	1.069	0.006	94	24036	40.0	39.5	
11 Trichlorofluoromethane	101	1.063	1.081	-0.018	81	172141	20.0	24.2	
14 Ethanol	46	1.173	1.154	0.019	33	7147	800.0	857.7	M
13 Ethyl ether	59	1.179	1.179	0.000	55	46253	20.0	18.0	
15 2-Methyl-1,3-butadiene	53	1.179	1.191	-0.012	90	58345	20.0	17.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.209	1.209	0.000	86	77246	20.0	20.0	M
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.227	1.233	-0.006	85	105938	20.0	18.0	a
18 Acrolein	56	1.240	1.240	0.000	95	88231	300.0	187.2	
19 1,1-Dichloroethene	96	1.282	1.294	-0.012	95	76566	20.0	20.8	
21 Acetone	43	1.325	1.319	0.006	87	77417	100.0	102.3	
20 112TCTFE	101	1.313	1.325	-0.012	89	89997	20.0	21.2	a
22 Iodomethane	142	1.362	1.361	0.001	97	176076	20.0	22.9	
23 Carbon disulfide	76	1.392	1.392	0.000	99	253455	20.0	19.2	
24 Isopropyl alcohol	45	1.435	1.422	0.013	51	39308	200.0	162.7	
25 3-Chloro-1-propene	39	1.484	1.483	0.001	94	77926	20.0	16.9	
26 Methyl acetate	43	1.502	1.508	-0.006	95	80499	40.0	34.2	
27 Acetonitrile	39	1.520	1.520	0.000	21	38227	200.0	120.4	a
28 Methylene Chloride	84	1.551	1.557	-0.006	84	77311	20.0	19.3	
* 29 TBA-d9 (IS)	65	1.624	1.636	-0.012	0	362364	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.672	1.678	-0.006	91	86166	200.0	192.3	a
31 Acrylonitrile	53	1.703	1.703	0.000	94	194257	200.0	123.2	
32 trans-1,2-Dichloroethene	96	1.709	1.709	0.000	88	87692	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	1.740	1.733	0.007	96	187559	20.0	17.7	
34 Hexane	57	1.898	1.898	0.000	91	97456	20.0	16.8	
35 1,1-Dichloroethane	63	1.977	1.989	-0.012	99	119411	20.0	16.7	
36 Vinyl acetate	86	2.038	2.038	0.000	99	25176	40.0	54.6	
37 2-Chloro-1,3-butadiene	88	2.050	2.050	0.000	69	71891	20.0	20.5	
38 Isopropyl ether	45	2.063	2.063	0.000	88	179536	20.0	14.7	
39 Tert-butyl ethyl ether	87	2.331	2.331	0.000	91	87066	20.0	20.0	
* 40 2-Butanone-d5	46	2.398	2.392	0.006	0	245348	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.410	2.410	0.000	99	87648	20.0	20.5	
42 2,2-Dichloropropane	79	2.416	2.422	-0.006	80	42810	20.0	22.1	
43 2-Butanone (MEK)	72	2.453	2.453	0.000	100	36848	100.0	107.2	
44 Propionitrile	54	2.483	2.489	-0.006	96	66180	200.0	202.9	
45 Ethyl acetate	70	2.520	2.514	0.006	99	13351	40.0	57.5	
62 Methyl acrylate	55	2.532	2.526	0.006	96	61021	20.0	17.3	
46 Chlorobromomethane	128	2.593	2.593	0.000	59	49850	20.0	22.5	M
47 Methacrylonitrile	67	2.605	2.599	0.006	86	239480	200.0	190.6	
48 Tetrahydrofuran	72	2.648	2.648	0.000	62	17247	40.0	45.5	
49 Chloroform	83	2.684	2.690	-0.006	100	135863	20.0	19.5	
$ 50 Dibromofluoromethane (Surr)	113	2.819	2.825	-0.006	99	165891	50.0	47.2	
51 1,1,1-Trichloroethane	97	2.825	2.831	-0.006	67	139856	20.0	21.8	
52 Cyclohexane	84	2.873	2.873	0.000	86	119461	20.0	19.1	
53 Carbon tetrachloride	117	2.965	2.971	-0.006	98	130492	20.0	22.9	
54 1,1-Dichloropropene	75	2.971	2.977	-0.006	92	97419	20.0	18.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.111	3.117	-0.006	0	154649	50.0	42.7	
56 Benzene	78	3.160	3.160	0.000	94	279352	20.0	18.3	
57 1,2-Dichloroethane	62	3.190	3.190	0.000	98	92735	20.0	19.1	
58 Isobutyl alcohol	42	3.251	3.227	0.024	46	37289	500.0	405.9	Ma
59 Tert-amyl methyl ether	73	3.325	3.331	-0.006	93	222143	20.0	19.1	
73 Isopropyl acetate	43	3.337	3.337	0.000	92	253960	20.0	17.3	M
* 60 Fluorobenzene	96	3.465	3.459	0.006	100	617908	50.0	50.0	
61 n-Heptane	43	3.508	3.507	0.001	88	95393	20.0	13.5	
63 Trichloroethene	95	3.861	3.867	-0.006	94	80882	20.0	20.2	
64 n-Butanol	43	3.989	4.001	-0.012	90	7734	500.0	274.1	a
65 Methylcyclohexane	83	4.068	4.074	-0.006	93	140120	20.0	19.3	
66 Ethyl acrylate	55	4.087	4.087	0.000	94	154911	20.0	16.3	
67 1,2-Dichloropropane	63	4.105	4.111	-0.006	91	61755	20.0	15.9	
68 Dibromomethane	93	4.245	4.245	0.000	70	45211	20.0	19.9	
* 69 1,4-Dioxane-d8	96	4.276	4.269	0.007	0	31226	1000.0	1000.0	
70 1,4-Dioxane	88	4.355	4.355	0.000	31	12105	400.0	333.0	a
71 Methyl methacrylate	100	4.373	4.367	0.006	92	33137	40.0	41.8	
81 n-Propyl acetate	43	4.495	4.489	0.006	72	62798	20.0	14.4	
72 Dichlorobromomethane	83	4.489	4.489	0.000	99	95131	20.0	19.2	
74 2-Nitropropane	41	4.812	4.806	0.006	97	25811	40.0	35.9	
75 2-Chloroethyl vinyl ether	63	5.007	4.989	0.018	31	5085	20.0	17.9	M
76 Epichlorohydrin	57	5.007	5.001	0.006	98	87922	400.0	602.6	
77 cis-1,3-Dichloropropene	75	5.105	5.111	-0.006	91	98847	20.0	17.7	
78 4-Methyl-2-pentanone (MIBK)	43	5.410	5.403	0.007	95	232841	100.0	82.3	a
$ 79 Toluene-d8 (Surr)	98	5.464	5.464	0.000	99	539286	50.0	41.1	
80 Toluene	91	5.562	5.556	0.006	96	295739	20.0	17.9	
82 trans-1,3-Dichloropropene	75	5.989	5.983	0.006	95	87287	20.0	17.9	
83 1,1,2-Trichloroethane	83	6.257	6.251	0.006	94	46258	20.0	17.7	
84 Ethyl methacrylate	69	6.269	6.263	0.006	78	64736	20.0	16.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	6.403	6.397	0.006	91	110816	20.0	23.6	
86 1,3-Dichloropropane	76	6.495	6.501	-0.006	91	85683	20.0	16.3	
87 2-Hexanone	43	6.781	6.787	-0.006	92	148171	100.0	80.1	
88 Chlorodibromomethane	129	6.854	6.854	0.000	96	78880	20.0	21.6	
89 Ethylene Dibromide	107	6.970	6.964	0.006	99	61985	20.0	19.7	
90 n-Butyl acetate	73	7.117	7.116	0.001	97	13524	20.0	17.3	
* 91 Chlorobenzene-d5	117	7.860	7.854	0.006	82	494460	50.0	50.0	
92 Chlorobenzene	112	7.903	7.903	0.000	98	210154	20.0	19.8	
93 1,1,1,2-Tetrachloroethane	131	8.129	8.122	0.007	92	87875	20.0	21.8	
94 Ethylbenzene	106	8.214	8.208	0.006	97	117268	20.0	20.1	
95 m-Xylene & p-Xylene	106	8.464	8.458	0.006	99	141364	20.0	20.3	
96 o-Xylene	106	9.183	9.177	0.006	95	140854	20.0	20.3	
97 Styrene	104	9.226	9.226	0.000	95	217560	20.0	18.9	
98 n-Butyl acrylate	73	9.415	9.409	0.006	97	43870	20.0	19.7	
99 Bromoform	173	9.470	9.470	0.000	97	61672	20.0	23.2	
101 Amyl acetate (mixed isomers)	43	9.890	9.890	0.000	94	75886	20.0	12.2	
102 Isopropylbenzene	105	9.927	9.921	0.006	94	396215	20.0	21.0	
$ 103 4-Bromofluorobenzene	174	10.128	10.128	0.000	96	238408	50.0	44.3	
104 Bromobenzene	156	10.299	10.299	0.000	85	113711	20.0	19.9	
105 1,2,3-Trichloropropane	110	10.524	10.518	0.006	95	27682	20.0	18.5	
106 1,1,2,2-Tetrachloroethane	83	10.543	10.537	0.006	96	79264	20.0	15.6	
107 trans-1,4-Dichloro-2-butene	53	10.640	10.640	0.000	90	20152	20.0	16.6	
108 N-Propylbenzene	120	10.671	10.665	0.006	100	113208	20.0	18.1	
109 2-Chlorotoluene	126	10.707	10.707	0.000	96	103532	20.0	18.7	
110 4-Ethyltoluene	105	10.884	10.884	0.000	98	381842	20.0	17.8	
111 4-Chlorotoluene	91	10.921	10.921	0.000	96	304357	20.0	16.4	
112 1,3,5-Trimethylbenzene	105	11.018	11.018	0.000	94	332102	20.0	17.7	
100 Butyl Methacrylate	87	11.390	11.390	0.000	93	84558	20.0	15.2	
113 tert-Butylbenzene	119	11.549	11.542	0.007	96	297454	20.0	19.7	
114 1,2,4-Trimethylbenzene	105	11.634	11.634	0.000	96	342588	20.0	17.9	
115 sec-Butylbenzene	105	11.951	11.945	0.006	99	433265	20.0	17.6	
116 1,3-Dichlorobenzene	146	12.024	12.024	0.000	99	224201	20.0	19.6	
* 117 1,4-Dichlorobenzene-d4	152	12.177	12.170	0.007	92	346083	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.219	12.213	0.006	97	227830	20.0	19.6	
119 4-Isopropyltoluene	119	12.298	12.292	0.006	98	397438	20.0	18.5	
120 1,2,3-Trimethylbenzene	105	12.408	12.402	0.006	97	356117	20.0	18.2	
121 Benzyl chloride	126	12.567	12.561	0.007	100	38935	20.0	25.4	
122 2,3-Dihydroindene	117	12.719	12.719	0.000	94	349233	20.0	21.6	
123 1,2-Dichlorobenzene	146	12.872	12.871	0.001	99	220544	20.0	19.8	
124 p-Diethylbenzene	119	12.981	12.975	0.006	94	226503	20.0	19.6	
125 n-Butylbenzene	92	13.000	12.999	0.001	97	205035	20.0	16.8	
126 1,2-Dibromo-3-Chloropropane	157	13.707	13.707	0.000	89	26760	20.0	24.4	
127 1,2,4,5-Tetramethylbenzene	119	13.737	13.737	0.000	98	413505	20.0	20.7	
128 1,3,5-Trichlorobenzene	180	13.877	13.877	0.000	96	234368	20.0	23.5	
129 1,2,4-Trichlorobenzene	180	14.322	14.310	0.012	93	216654	20.0	23.8	
130 Hexachlorobutadiene	225	14.463	14.450	0.013	98	130192	20.0	25.4	
131 Naphthalene	128	14.469	14.456	0.013	99	435614	20.0	24.1	
132 1,2,3-Trichlorobenzene	180	14.627	14.615	0.012	96	213576	20.0	24.5	
S 133 1,2-Dichloroethene, Total	100				0		40.0	42.0	
S 134 1,3-Dichloropropene, Total	100				0		40.0	35.6	
S 135 Xylenes, Total	100				0		40.0	40.6	
S 136 Total BTEX	1				0		100.0	96.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00136	Amount Added:	2.00	Units: uL	
524freon_00036	Amount Added:	2.00	Units: uL	
ACROLEIN W_00123	Amount Added:	3.00	Units: uL	
GASES Li_00418	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 29-Apr-2021 10:56:24 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71507.D

Injection Date: 29-Apr-2021 07:19:30 Instrument ID: CVOAMS2 Operator ID:

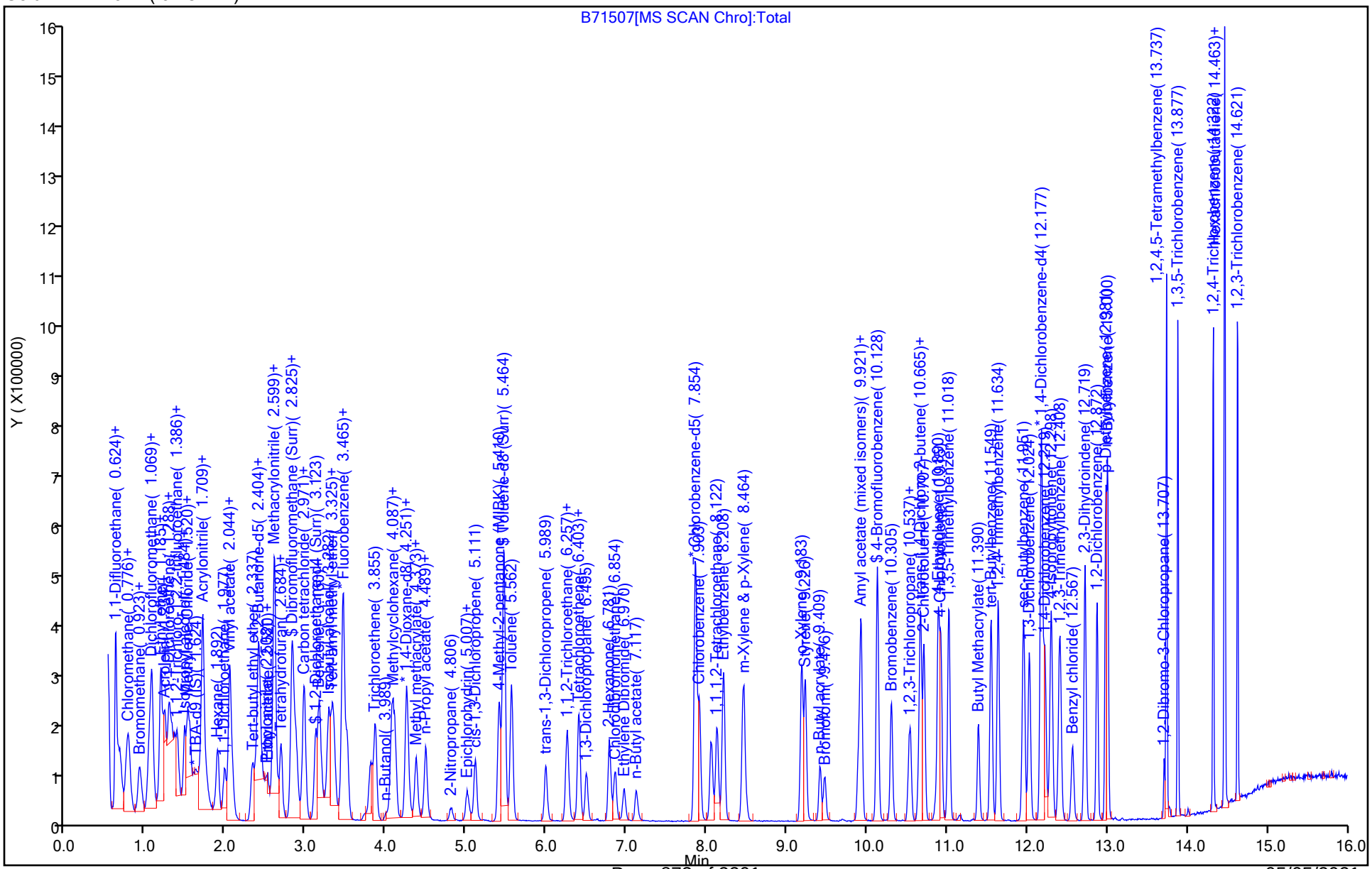
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

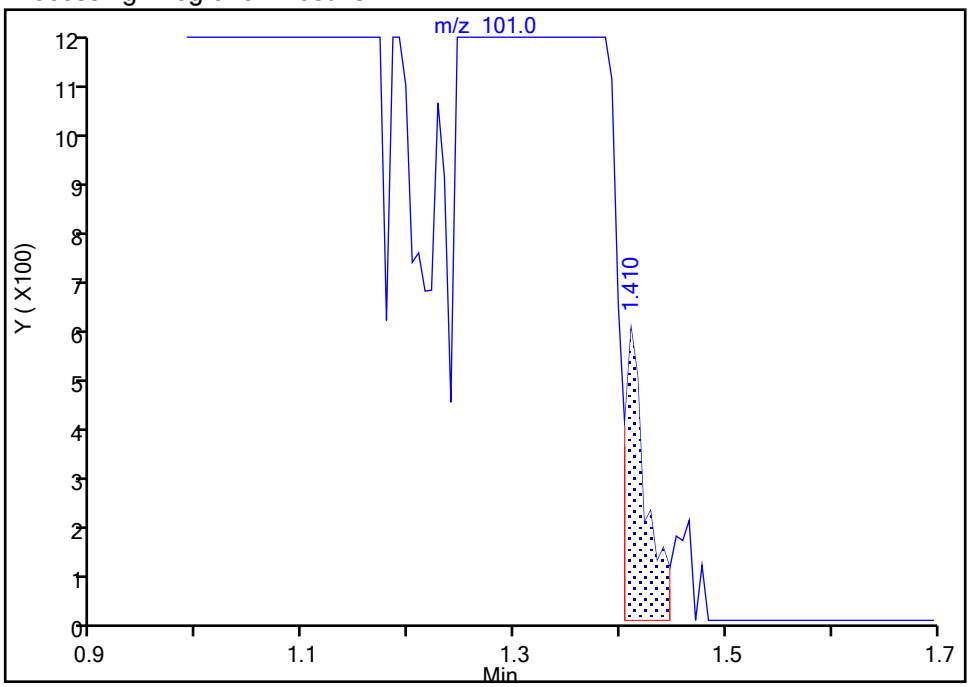
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71507.D
Injection Date: 29-Apr-2021 07:19:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

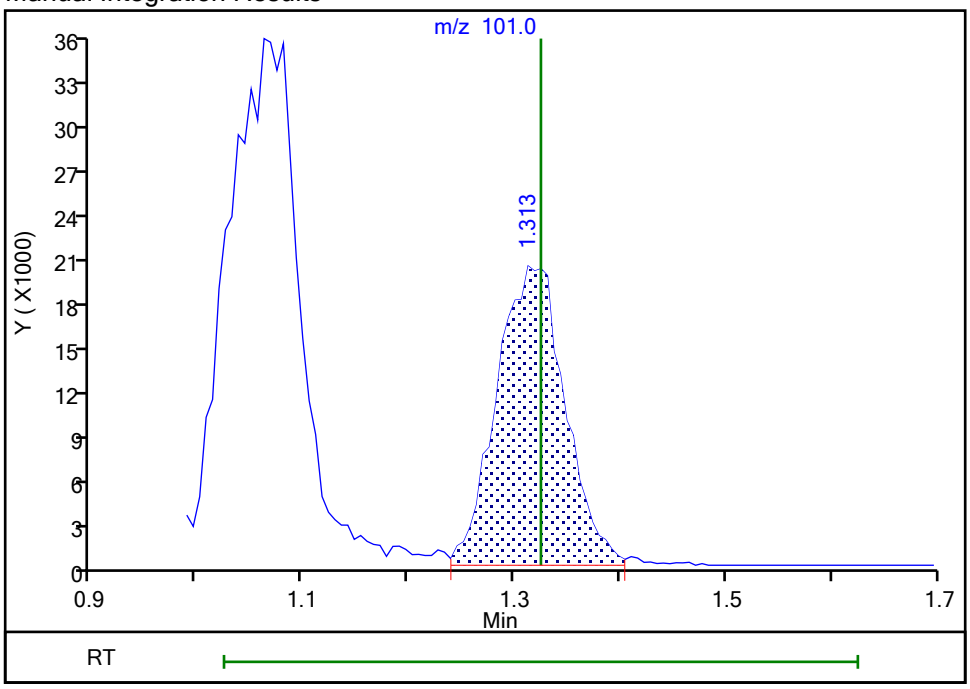
Processing Integration Results

RT: 1.41
Area: 812
Amount: 0.191233
Amount Units: ug/l



Manual Integration Results

RT: 1.31
Area: 89997
Amount: 21.195095
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 07:37:52
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

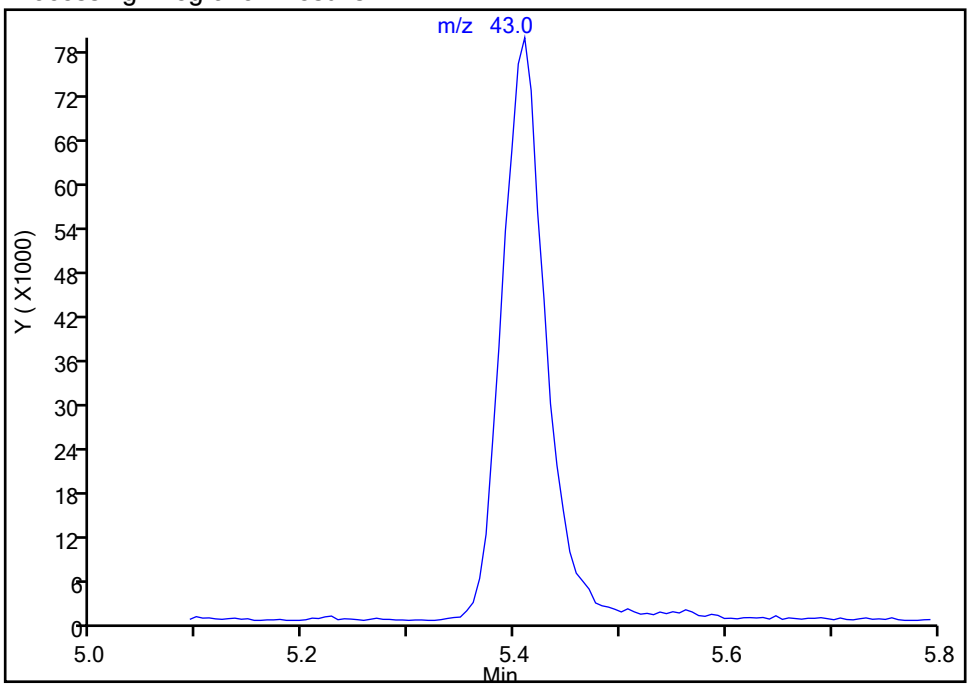
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71507.D
Injection Date: 29-Apr-2021 07:19:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

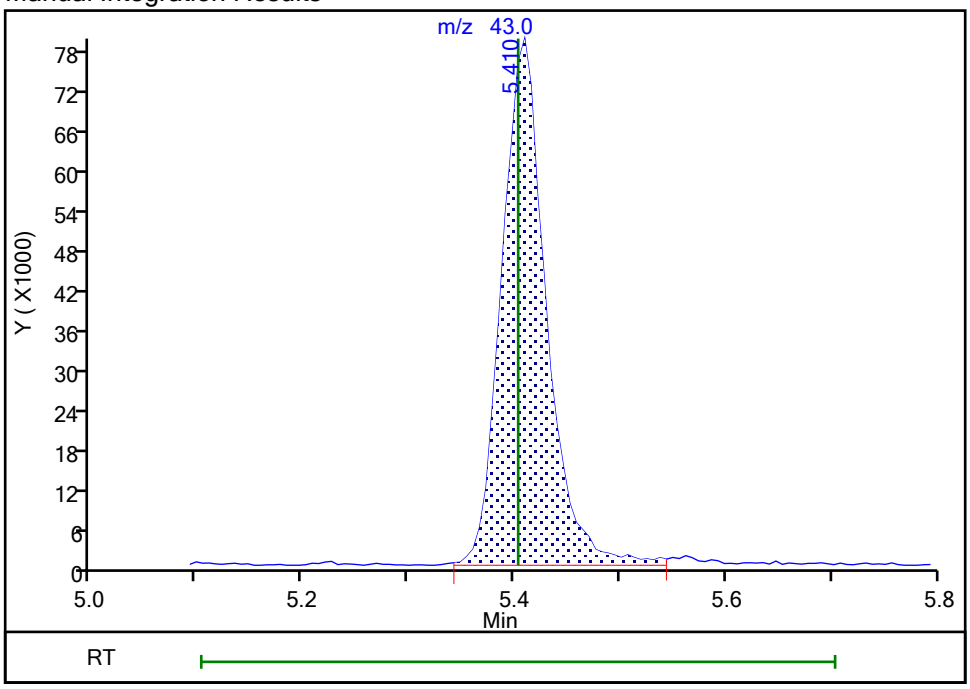
Not Detected
Expected RT: 5.40

Processing Integration Results



Manual Integration Results

RT: 5.41
Area: 232841
Amount: 82.273822
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 07:39:35
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

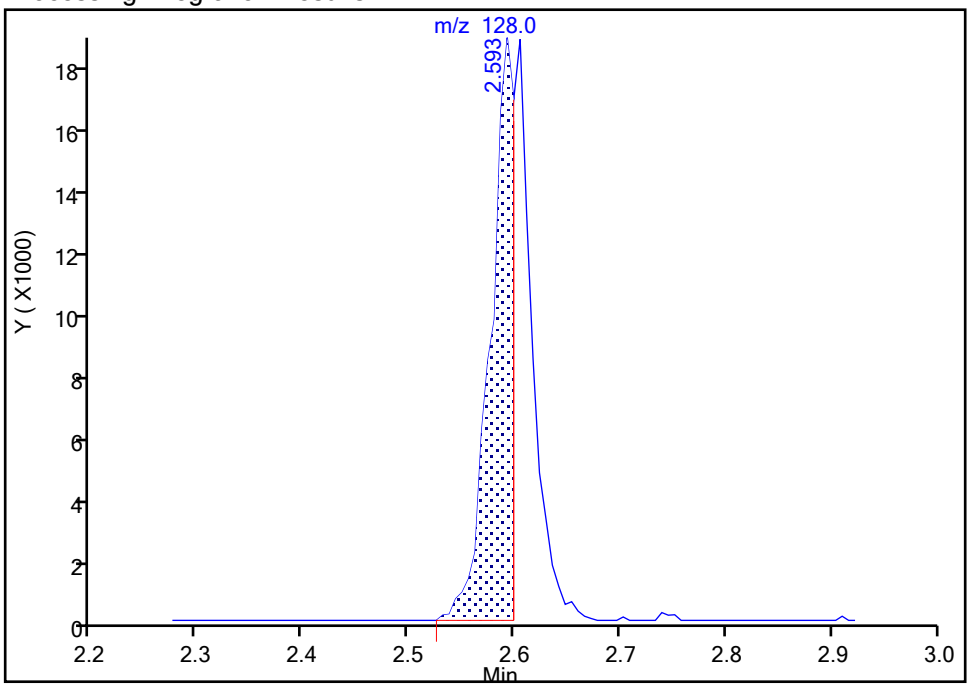
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71507.D
Injection Date: 29-Apr-2021 07:19:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 Chlorobromomethane, CAS: 74-97-5

Signal: 1

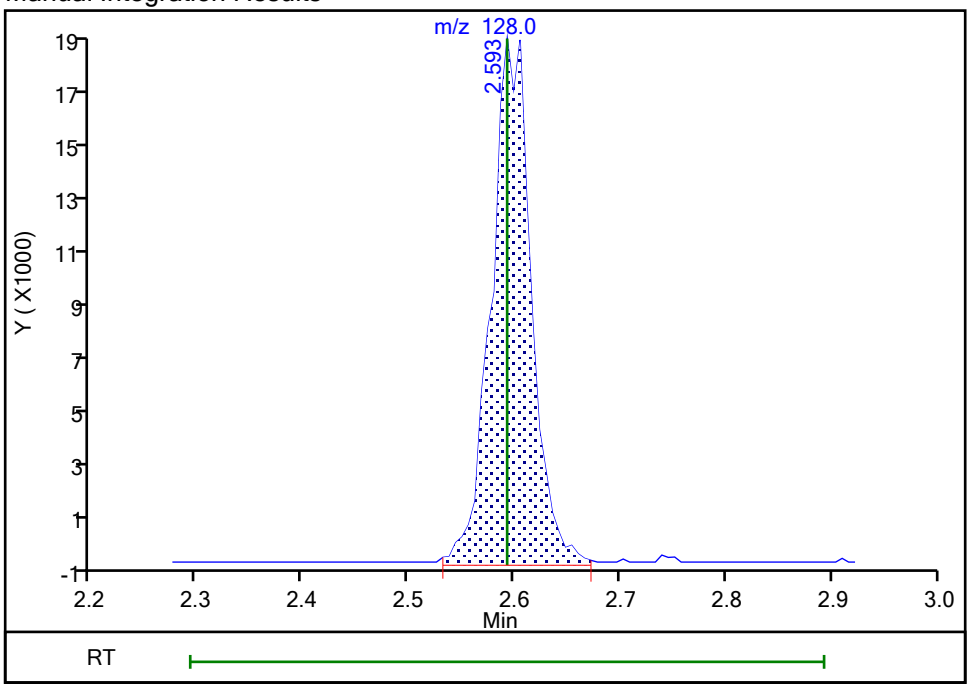
Processing Integration Results

RT: 2.59
Area: 29648
Amount: 13.407766
Amount Units: ug/l



Manual Integration Results

RT: 2.59
Area: 49850
Amount: 22.543752
Amount Units: ug/l



Reviewer: tupayachia, 29-Apr-2021 07:38:33
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

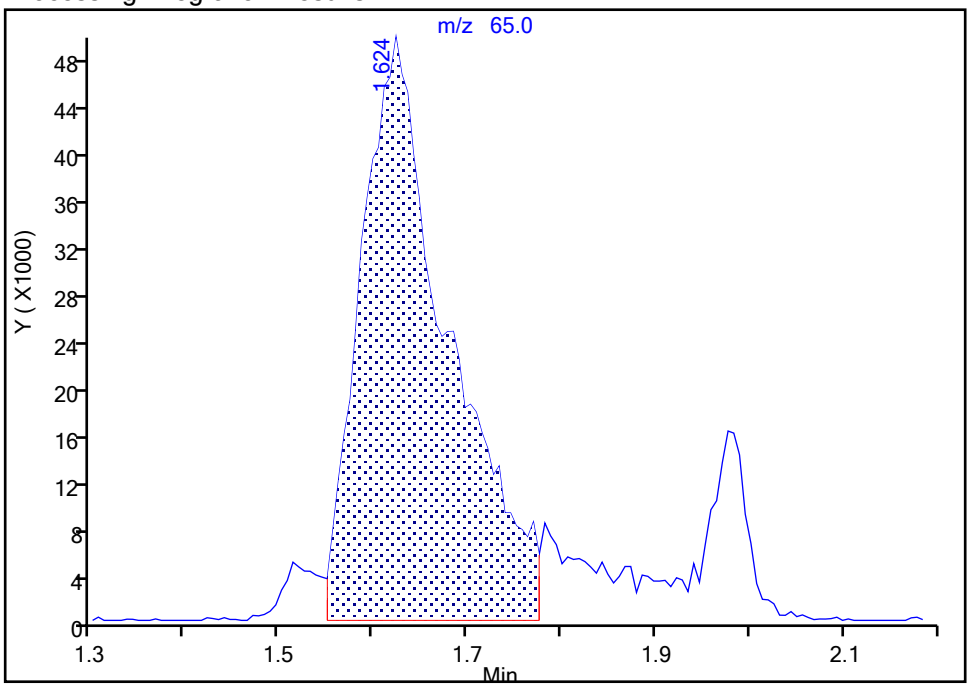
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210429-127791.b\B71507.D
Injection Date: 29-Apr-2021 07:19:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

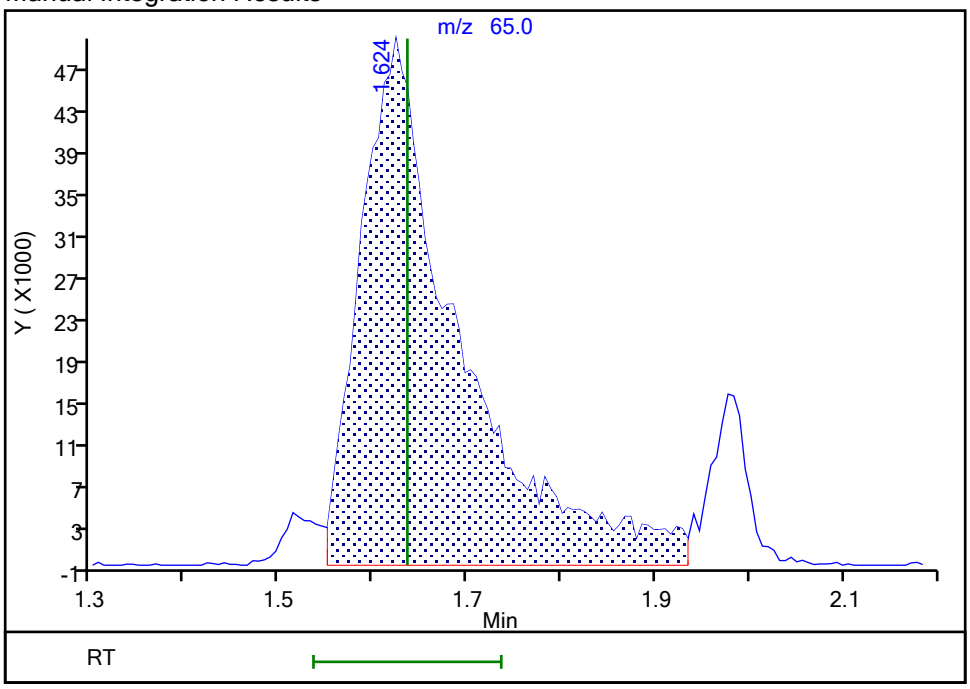
Processing Integration Results

RT: 1.62
Area: 321029
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.62
Area: 362364
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 29-Apr-2021 10:55:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-775117/5

Matrix: Solid Lab File ID: K25576.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 23:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0228		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0213		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0241		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0189		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0230		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0228		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0164		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0169		0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0220		0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0178		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0184		0.0010	0.00036
107-06-2	1,2-Dichloroethane	0.0208		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0213		0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0217		0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0186		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0182		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0898		0.0050	0.00037
591-78-6	2-Hexanone	0.0914		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0963		0.0050	0.0016
67-64-1	Acetone	0.0852		0.0060	0.0057
71-43-2	Benzene	0.0200		0.0010	0.00026
75-25-2	Bromoform	0.0166		0.0010	0.00043
74-83-9	Bromomethane	0.0191		0.0020	0.0010
75-15-0	Carbon disulfide	0.0242		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0236		0.0010	0.00039
108-90-7	Chlorobenzene	0.0187		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0199		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0181		0.0010	0.00019
75-00-3	Chloroethane	0.0162		0.0010	0.00052
67-66-3	Chloroform	0.0223		0.0010	0.00097
74-87-3	Chloromethane	0.0141		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0225		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0186		0.0010	0.00027
110-82-7	Cyclohexane	0.0244		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0223		0.0010	0.00026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-775117/5

Matrix: Solid Lab File ID: K25576.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 23:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775117 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0155		0.0010	0.00034
100-41-4	Ethylbenzene	0.0199		0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0183		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0200		0.0010	0.00029
79-20-9	Methyl acetate	0.0292		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0218		0.0010	0.00051
108-87-2	Methylcyclohexane	0.0238		0.0010	0.00050
75-09-2	Methylene Chloride	0.0214		0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0194		0.0010	0.00017
104-51-8	n-Butylbenzene	0.0238		0.0010	0.00029
103-65-1	N-Propylbenzene	0.0235		0.0010	0.00018
95-47-6	o-Xylene	0.0197		0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0233		0.0010	0.00029
100-42-5	Styrene	0.0190		0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0202		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0163		0.0010	0.00031
108-88-3	Toluene	0.0196		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0222		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0190		0.0010	0.00027
79-01-6	Trichloroethene	0.0218		0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0191		0.0010	0.00041
75-01-4	Vinyl chloride	0.0166		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0391		0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		77-145
460-00-4	4-Bromofluorobenzene	81		70-139
1868-53-7	Dibromofluoromethane (Surr)	116		48-150
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25576.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 30-Apr-2021 23:03:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-May-2021 09:17:00 Calib Date: 01-Apr-2021 13:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20210401-126371.b\K24324.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1655

First Level Reviewer: boykink Date: 01-May-2021 02:31:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.092	1.092	0.000	98	133813	20.0	15.5	
6 Chloromethane	50	1.228	1.228	0.000	98	154120	20.0	14.1	
7 Butadiene	54	1.272	1.261	0.011	92	84336	20.0	14.9	
8 Vinyl chloride	62	1.299	1.283	0.016	98	135980	20.0	16.6	
9 Bromomethane	94	1.501	1.490	0.011	99	97481	20.0	19.1	
10 Chloroethane	64	1.534	1.512	0.022	99	56458	20.0	16.2	
11 Dichlorofluoromethane	67	1.670	1.665	0.005	98	152407	20.0	16.4	
13 Pentane	72	1.725	1.709	0.016	97	20446	40.0	27.3	
12 Trichlorofluoromethane	101	1.736	1.736	0.000	98	136329	20.0	19.1	
15 Ethyl ether	59	1.867	1.856	0.011	95	49742	20.0	20.3	
16 2-Methyl-1,3-butadiene	53	1.894	1.883	0.011	95	59040	20.0	21.7	
19 Acrolein	56	1.965	1.960	0.005	95	103666	300.0	180.6	
14 Ethanol	46	2.036	1.987	0.049	65	27193	800.0	844.2	Ma
21 1,1-Dichloroethene	96	2.047	2.041	0.006	98	76738	20.0	22.8	
22 Acetone	43	2.090	2.080	0.010	87	115643	100.0	85.2	
20 112TCTFE	101	2.101	2.085	0.016	96	104250	20.0	24.1	M
23 Iodomethane	142	2.178	2.167	0.011	97	150020	20.0	20.4	
24 Isopropyl alcohol	45	2.221	2.194	0.027	26	62440	200.0	130.6	M
25 Carbon disulfide	76	2.227	2.211	0.016	98	340571	20.0	24.2	
26 3-Chloro-1-propene	39	2.336	2.331	0.005	94	71267	20.0	18.8	
27 Methyl acetate	43	2.358	2.352	0.006	98	93961	40.0	29.2	
29 Acetonitrile	41	2.407	2.402	0.005	37	63454	200.0	126.9	Ma
28 Cyclopentene	67	2.407	2.407	0.000	94	196604	20.0	23.7	
31 Methylene Chloride	84	2.445	2.434	0.011	90	90343	20.0	21.4	
* 30 TBA-d9 (IS)	65	2.592	2.587	0.005	93	846292	1000.0	1000.0	
35 Acrylonitrile	53	2.652	2.653	-0.001	95	265321	200.0	202.6	
32 2-Methyl-2-propanol	59	2.636	2.663	-0.027	37	137903	200.0	157.8	a
34 trans-1,2-Dichloroethene	96	2.680	2.674	0.006	94	78780	20.0	22.2	
33 Methyl tert-butyl ether	73	2.691	2.696	-0.005	67	250488	20.0	21.8	
36 Hexane	43	2.942	2.936	0.006	91	69744	20.0	22.4	
38 1,1-Dichloroethane	63	3.062	3.062	0.000	99	138079	20.0	23.0	
39 Vinyl acetate	86	3.122	3.122	0.000	100	26813	40.0	35.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 2-Chloro-1,3-butadiene	88	3.149	3.149	0.000	84	73498	20.0	24.4	
37 Isopropyl ether	45	3.149	3.155	-0.006	84	263328	20.0	21.6	
41 Tert-butyl ethyl ether	87	3.515	3.504	0.011	92	106355	20.0	22.5	
* 42 2-Butanone-d5	46	3.591	3.575	0.016	94	406130	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.635	3.624	0.011	97	87774	20.0	22.5	
46 2-Butanone (MEK)	72	3.646	3.635	0.011	90	41766	100.0	89.8	
43 2,2-Dichloropropane	79	3.640	3.651	-0.011	90	46980	20.0	23.0	
48 Propionitrile	54	3.716	3.717	-0.001	89	117163	200.0	149.3	a
45 Ethyl acetate	70	3.711	3.722	-0.011	96	12178	40.0	34.9	M
47 Methyl acrylate	55	3.744	3.738	0.006	99	72513	20.0	19.6	a
51 Methacrylonitrile	67	3.864	3.864	0.000	89	272263	200.0	208.4	
50 Chlorobromomethane	128	3.875	3.869	0.006	57	40826	20.0	19.9	
49 Tetrahydrofuran	72	3.940	3.924	0.016	77	20740	40.0	39.1	
52 Chloroform	83	3.973	3.973	0.000	100	130647	20.0	22.3	
$ 55 Dibromofluoromethane (Surr)	113	4.142	4.142	0.000	96	264076	50.0	58.0	
54 1,1,1-Trichloroethane	97	4.175	4.169	0.006	97	137767	20.0	22.8	
53 Cyclohexane	84	4.229	4.235	-0.006	89	156624	20.0	24.4	
57 1,1-Dichloropropene	75	4.338	4.344	-0.006	98	100681	20.0	23.0	
56 Carbon tetrachloride	117	4.360	4.344	0.016	96	114451	20.0	23.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.497	4.497	0.000	0	246317	50.0	56.9	
60 Benzene	78	4.568	4.562	0.006	93	308065	20.0	20.0	
58 Isobutyl alcohol	74	4.568	4.568	0.000	33	28567	500.0	419.7	
64 1,2-Dichloroethane	62	4.584	4.584	0.000	97	85418	20.0	20.8	
59 Isooctane	57	4.693	4.688	0.005	95	358288	20.0	23.9	
62 Isopropyl acetate	61	4.710	4.715	-0.005	94	27483	20.0	21.0	a
63 Tert-amyl methyl ether	73	4.737	4.731	0.006	95	266941	20.0	20.8	
* 66 Fluorobenzene	96	4.895	4.890	0.005	99	654479	50.0	50.0	
65 n-Heptane	43	4.928	4.912	0.016	90	131541	20.0	24.0	
69 Trichloroethene	95	5.332	5.332	0.000	99	71753	20.0	21.8	
68 n-Butanol	56	5.321	5.386	-0.065	37	70951	500.0	415.1	M
70 Ethyl acrylate	55	5.512	5.506	0.006	97	67925	20.0	19.9	
71 Methylcyclohexane	83	5.572	5.572	0.000	93	176111	20.0	23.8	
72 1,2-Dichloropropane	63	5.593	5.599	-0.006	82	77890	20.0	21.3	
* 73 1,4-Dioxane-d8	96	5.713	5.714	-0.001	34	53800	1000.0	1000.0	
77 Dibromomethane	93	5.730	5.735	-0.005	95	44009	20.0	20.8	
74 Methyl methacrylate	69	5.806	5.801	0.005	91	87026	40.0	42.8	
75 1,4-Dioxane	88	5.784	5.834	-0.050	28	22675	400.0	379.9	Ma
76 n-Propyl acetate	43	5.899	5.905	-0.006	98	84509	20.0	20.4	
78 Dichlorobromomethane	83	5.964	5.965	-0.001	99	93330	20.0	22.3	
79 2-Nitropropane	41	6.265	6.265	0.000	98	25659	40.0	48.7	
67 2-Chloroethyl vinyl ether	63	6.401	6.401	0.000	94	41216	20.0	22.4	
80 Epichlorohydrin	57	6.450	6.450	0.000	99	138337	400.0	368.8	
81 cis-1,3-Dichloropropene	75	6.565	6.559	0.006	89	107971	20.0	18.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.821	6.821	0.000	95	361082	100.0	96.3	
$ 83 Toluene-d8 (Surr)	98	6.925	6.925	0.000	99	1021521	50.0	51.4	
84 Toluene	91	7.012	7.012	0.000	93	320971	20.0	19.6	
85 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	94	96081	20.0	19.0	
86 Ethyl methacrylate	69	7.563	7.558	0.005	90	82590	20.0	18.7	
87 1,1,2-Trichloroethane	83	7.601	7.607	-0.006	96	50390	20.0	18.9	
88 Tetrachloroethene	166	7.787	7.787	0.000	96	70751	20.0	16.3	
89 1,3-Dichloropropane	76	7.841	7.842	-0.001	90	97516	20.0	18.4	
90 2-Hexanone	43	8.027	8.027	0.000	94	208859	100.0	91.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
92 Chlorodibromomethane	129	8.158	8.158	0.000	96	64139	20.0	18.1	
91 n-Butyl acetate	43	8.278	8.273	0.005	99	95636	20.0	18.3	
93 Ethylene Dibromide	107	8.289	8.294	-0.005	100	59601	20.0	18.3	
* 94 Chlorobenzene-d5	117	9.025	9.031	-0.006	85	633511	50.0	50.0	
95 Chlorobenzene	112	9.069	9.069	0.000	96	200281	20.0	18.7	
97 1,1,1,2-Tetrachloroethane	131	9.227	9.227	0.000	96	88993	20.0	18.6	
96 Ethylbenzene	106	9.287	9.288	-0.001	97	118395	20.0	19.9	
98 m-Xylene & p-Xylene	106	9.484	9.484	0.000	0	142984	20.0	19.4	
100 o-Xylene	106	10.040	10.046	-0.006	94	153493	20.0	19.7	
101 Styrene	104	10.068	10.068	0.000	96	218968	20.0	19.0	
99 n-Butyl acrylate	73	10.106	10.106	0.000	99	54332	20.0	20.1	
103 Bromoform	173	10.259	10.259	0.000	95	42989	20.0	16.6	
102 Amyl acetate (mixed isomers)	43	10.411	10.412	-0.001	91	122337	20.0	22.4	
104 Isopropylbenzene	105	10.526	10.526	0.000	95	430041	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	10.673	10.673	0.000	89	281325	50.0	40.4	
106 Bromobenzene	156	10.810	10.810	0.000	99	82918	20.0	17.8	
107 1,1,2,2-Tetrachloroethane	83	10.875	10.875	0.000	99	99555	20.0	21.3	
109 1,2,3-Trichloropropane	110	10.897	10.892	0.005	98	24403	20.0	19.3	
110 trans-1,4-Dichloro-2-butene	53	10.935	10.935	0.000	94	20755	20.0	19.2	
108 N-Propylbenzene	91	10.984	10.984	0.000	99	495562	20.0	23.5	
111 2-Chlorotoluene	91	11.039	11.039	0.000	96	283096	20.0	22.4	
112 4-Ethyltoluene	105	11.110	11.104	0.006	99	389112	20.0	22.4	
114 4-Chlorotoluene	91	11.153	11.154	-0.001	96	292485	20.0	21.9	
113 1,3,5-Trimethylbenzene	105	11.175	11.175	0.000	92	360325	20.0	21.7	
115 Butyl Methacrylate	87	11.323	11.323	0.000	87	117161	20.0	24.9	
116 tert-Butylbenzene	119	11.486	11.486	0.000	95	266445	20.0	20.2	
117 1,2,4-Trimethylbenzene	105	11.530	11.530	0.000	97	366152	20.0	22.0	
118 sec-Butylbenzene	105	11.694	11.688	0.006	100	496455	20.0	23.3	
120 1,3-Dichlorobenzene	146	11.759	11.759	0.000	96	165664	20.0	18.6	
* 121 1,4-Dichlorobenzene-d4	152	11.825	11.825	0.000	96	363291	50.0	50.0	
119 4-Isopropyltoluene	119	11.836	11.830	0.006	98	410936	20.0	21.5	
122 1,4-Dichlorobenzene	146	11.846	11.841	0.005	96	164199	20.0	18.2	
123 1,2,3-Trimethylbenzene	105	11.906	11.907	-0.001	98	393139	20.0	21.6	
124 Benzyl chloride	91	11.972	11.972	0.000	99	186218	20.0	23.3	
125 2,3-Dihydroindene	117	12.065	12.065	0.000	94	356610	20.0	21.3	
128 1,2-Dichlorobenzene	146	12.157	12.158	-0.001	96	171793	20.0	18.4	
126 p-Diethylbenzene	119	12.168	12.168	0.000	92	216650	20.0	22.0	a
127 n-Butylbenzene	92	12.185	12.185	0.000	98	229035	20.0	23.8	
129 1,2,4,5-Tetramethylbenzene	119	12.790	12.791	0.000	98	409227	20.0	22.1	
130 1,2-Dibromo-3-Chloropropane	157	12.796	12.796	0.000	36	24341	20.0	17.8	
131 1,3,5-Trichlorobenzene	180	12.965	12.960	0.005	97	152598	20.0	17.0	
132 1,2,4-Trichlorobenzene	180	13.418	13.418	0.000	93	146197	20.0	16.9	
133 Hexachlorobutadiene	225	13.554	13.554	0.000	92	64061	20.0	14.3	
134 Naphthalene	128	13.587	13.587	0.000	99	396832	20.0	20.6	
135 1,2,3-Trichlorobenzene	180	13.762	13.762	0.000	95	148268	20.0	16.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.8	
S 137 Xylenes, Total	100				0		40.0	39.1	
S 139 Total BTEX	1				0		100.0	98.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00418	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00136	Amount Added:	2.00	Units: uL	
ACROLEIN W_00123	Amount Added:	3.00	Units: uL	
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00120	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-May-2021 09:17:02 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25576.D

Injection Date: 30-Apr-2021 23:03:30 Instrument ID: CVOAMS9 Operator ID:

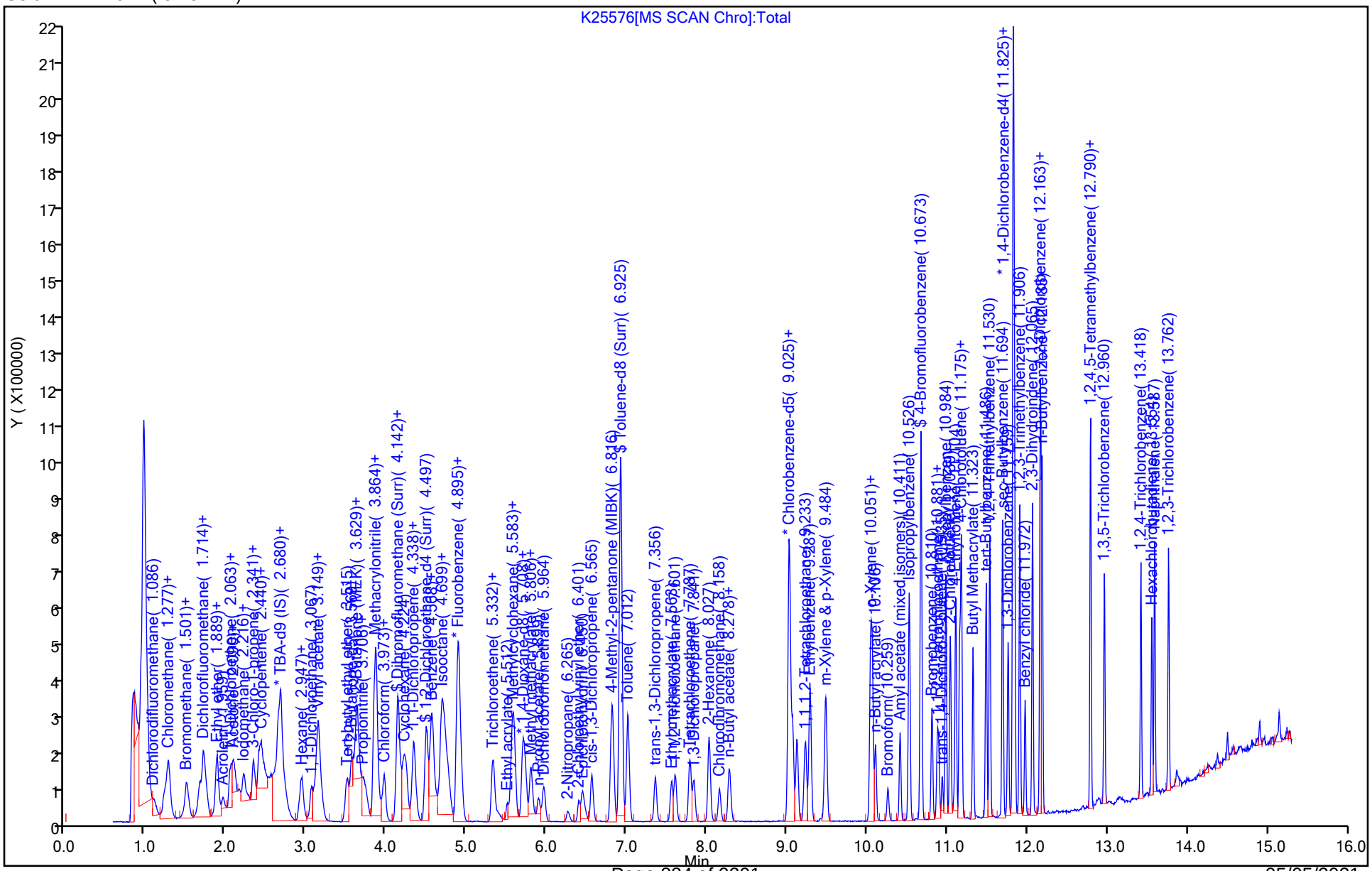
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

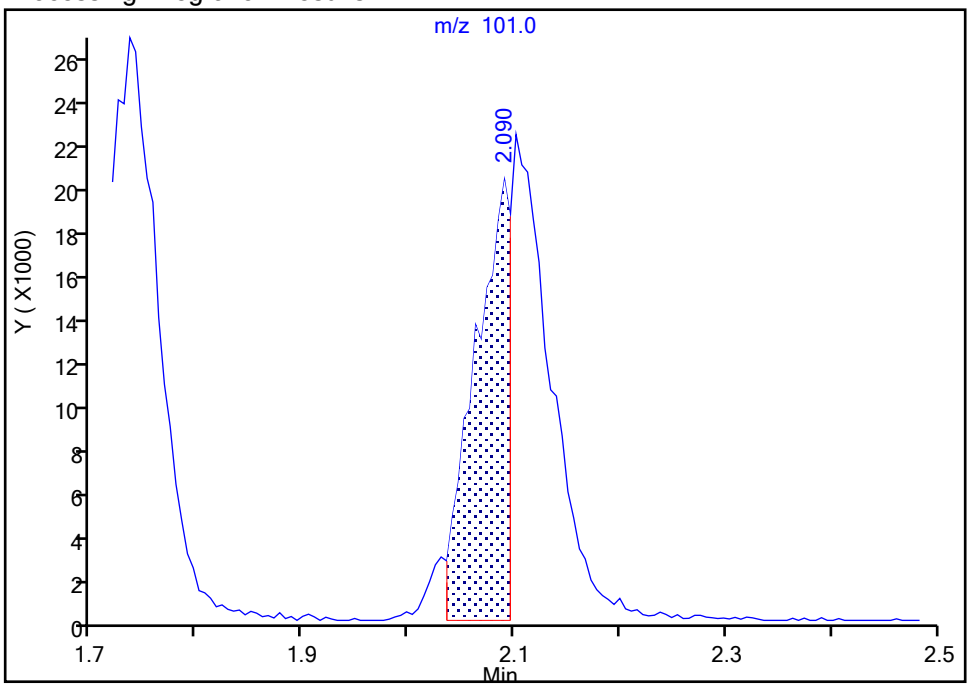
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25576.D
Injection Date: 30-Apr-2021 23:03:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

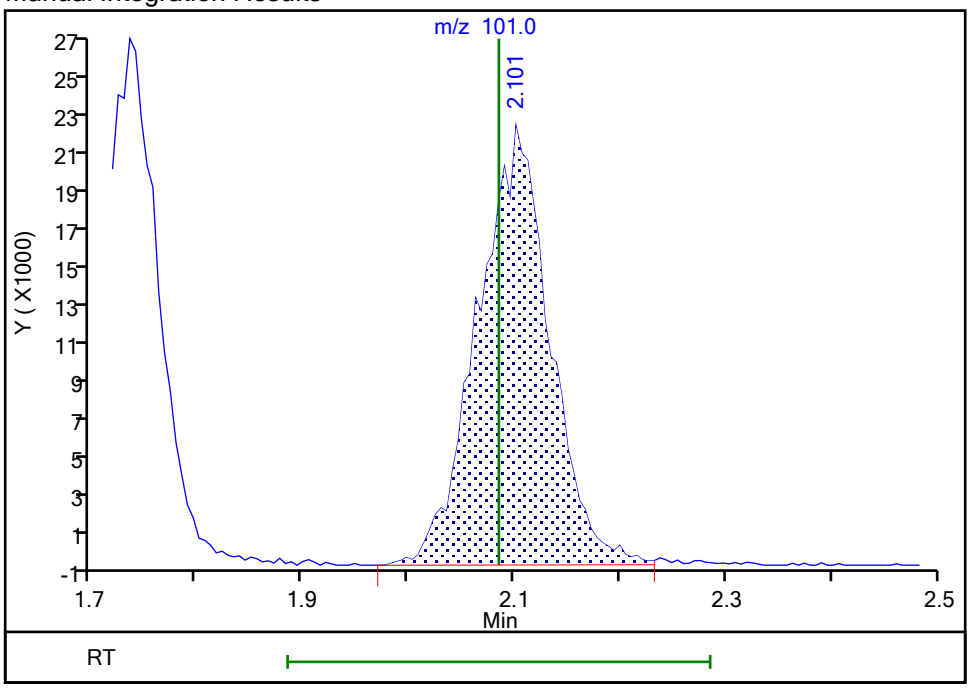
Processing Integration Results

RT: 2.09
Area: 47577
Amount: 11.020414
Amount Units: ug/l



Manual Integration Results

RT: 2.10
Area: 104250
Amount: 24.147764
Amount Units: ug/l



Reviewer: baronm, 01-May-2021 09:14:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

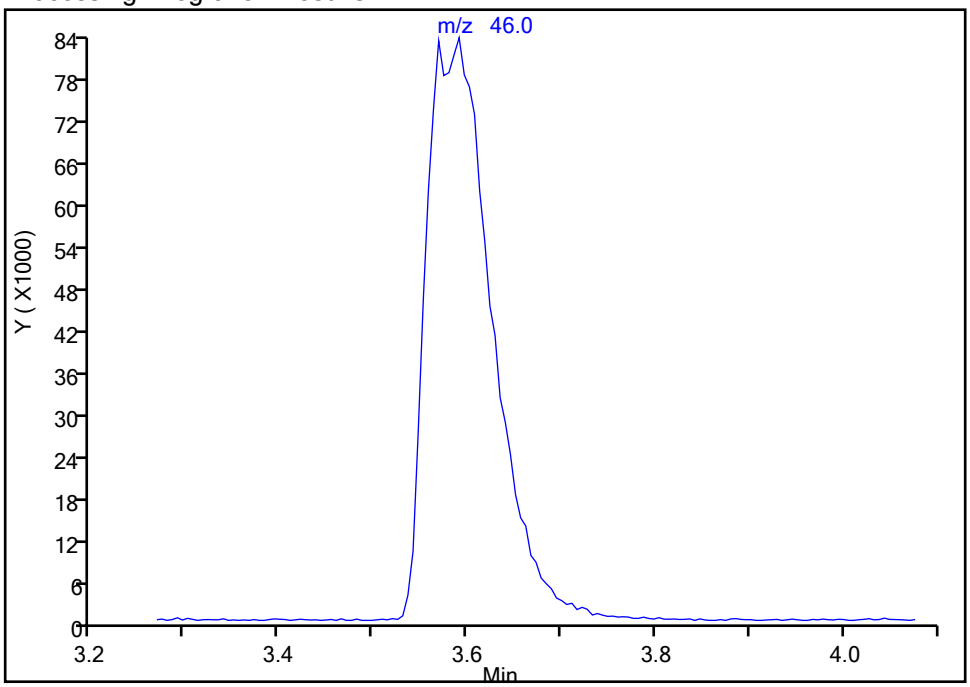
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20210430-127904.b\K25576.D
Injection Date: 30-Apr-2021 23:03:30 Instrument ID: CVOAMS9
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

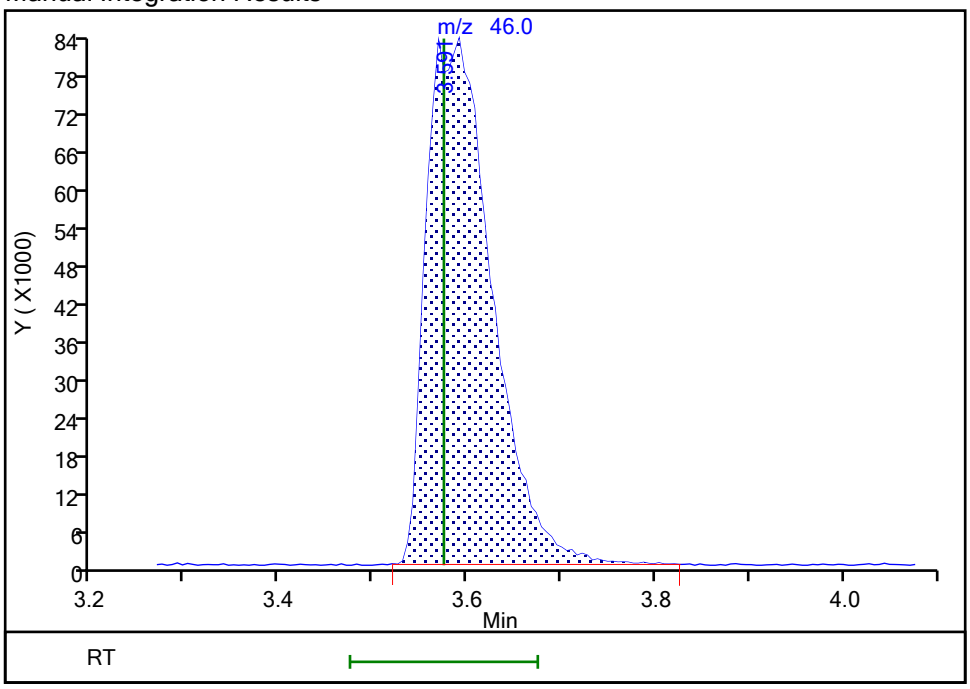
Not Detected
Expected RT: 3.57

Processing Integration Results



Manual Integration Results

RT: 3.59
Area: 406130
Amount: 250.0000
Amount Units: ug/l



Reviewer: boykink, 01-May-2021 00:53:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 03/11/2021 08:42

Analysis Batch Number: 763993 End Date: 03/11/2021 15:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-763993/1		03/11/2021 08:42	1	B69790.D	DB-624 0.18(mm)
STD1 460-763993/4 IC		03/11/2021 09:56	1	B69793.D	DB-624 0.18(mm)
STD5 460-763993/5 IC		03/11/2021 10:21	1	B69794.D	DB-624 0.18(mm)
STD20 460-763993/6 ICIS		03/11/2021 10:46	1	B69795.D	DB-624 0.18(mm)
STD50 460-763993/7 IC		03/11/2021 11:12	1	B69796.D	DB-624 0.18(mm)
STD200 460-763993/8 IC		03/11/2021 11:37	1	B69797.D	DB-624 0.18(mm)
STD500 460-763993/9 IC		03/11/2021 12:03	1	B69798.D	DB-624 0.18(mm)
ICV 460-763993/16		03/11/2021 15:01	1	B69805.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 04/29/2021 05:01

Analysis Batch Number: 774667 End Date: 04/29/2021 17:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-774667/1		04/29/2021 05:01	1	B71503.D	DB-624 0.18(mm)
CCVIS 460-774667/3		04/29/2021 06:17	1	B71505.D	DB-624 0.18(mm)
LCS 460-774667/4		04/29/2021 06:53	1	B71506.D	DB-624 0.18(mm)
LCSD 460-774667/5		04/29/2021 07:19	1	B71507.D	DB-624 0.18(mm)
MB 460-774667/8		04/29/2021 08:47	1	B71510.D	DB-624 0.18(mm)
ZZZZZ		04/29/2021 09:16	1		DB-624 0.18(mm)
ZZZZZ		04/29/2021 09:41	1		DB-624 0.18(mm)
ZZZZZ		04/29/2021 10:06	1		DB-624 0.18(mm)
ZZZZZ		04/29/2021 10:31	1		DB-624 0.18(mm)
ZZZZZ		04/29/2021 11:22	1		DB-624 0.18(mm)
ZZZZZ		04/29/2021 11:47	1		DB-624 0.18(mm)
ZZZZZ		04/29/2021 12:12	1		DB-624 0.18(mm)
ZZZZZ		04/29/2021 12:37	1		DB-624 0.18(mm)
ZZZZZ		04/29/2021 13:03	1		DB-624 0.18(mm)
ZZZZZ		04/29/2021 13:52	1		DB-624 0.18(mm)
ZZZZZ		04/29/2021 15:09	1		DB-624 0.18(mm)
ZZZZZ		04/29/2021 15:34	1		DB-624 0.18(mm)
ZZZZZ		04/29/2021 16:24	1		DB-624 0.18(mm)
460-233032-4	SB-02_4-6_20210427	04/29/2021 16:50	1	B71529.D	DB-624 0.18(mm)
ZZZZZ		04/29/2021 17:15	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 04/01/2021 11:05

Analysis Batch Number: 768838 End Date: 04/01/2021 17:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-768838/1		04/01/2021 11:05	1	K24317.D	Rtx-624 0.25(mm)
STD1 460-768838/3 IC		04/01/2021 11:50	1	K24319.D	Rtx-624 0.25(mm)
STD5 460-768838/4 IC		04/01/2021 12:14	1	K24320.D	Rtx-624 0.25(mm)
STD20 460-768838/5 ICIS		04/01/2021 12:37	1	K24321.D	Rtx-624 0.25(mm)
STD50 460-768838/6 IC		04/01/2021 13:01	1	K24322.D	Rtx-624 0.25(mm)
STD200 460-768838/7 IC		04/01/2021 13:24	1	K24323.D	Rtx-624 0.25(mm)
STD500 460-768838/8 IC		04/01/2021 13:48	1	K24324.D	Rtx-624 0.25(mm)
ICV 460-768838/14		04/01/2021 17:22	1	K24330.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 04/30/2021 20:45

Analysis Batch Number: 775117 End Date: 05/01/2021 09:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-775117/1		04/30/2021 20:45	1	K25572.D	Rtx-624 0.25(mm)
CCVIS 460-775117/3		04/30/2021 22:04	1	K25574.D	Rtx-624 0.25(mm)
LCS 460-775117/4		04/30/2021 22:28	1	K25575.D	Rtx-624 0.25(mm)
LCSD 460-775117/5		04/30/2021 23:03	1	K25576.D	Rtx-624 0.25(mm)
MB 460-775117/8		05/01/2021 00:13	1	K25579.D	Rtx-624 0.25(mm)
LB3 460-774534/1-A		05/01/2021 01:16	1	K25580.D	Rtx-624 0.25(mm)
ZZZZZ		05/01/2021 02:03	1		Rtx-624 0.25(mm)
ZZZZZ		05/01/2021 02:27	1		Rtx-624 0.25(mm)
460-233032-1	SB-01_0-2_20210427	05/01/2021 03:37	1	K25586.D	Rtx-624 0.25(mm)
460-233032-2	SB-01_4-6_20210427	05/01/2021 04:01	1	K25587.D	Rtx-624 0.25(mm)
460-233032-3	SB-02_0-2_20210427	05/01/2021 04:24	1	K25588.D	Rtx-624 0.25(mm)
460-233032-5	SB-05_0-2_20210427	05/01/2021 04:48	1	K25589.D	Rtx-624 0.25(mm)
460-233032-6	SB-05_3-5_20210427	05/01/2021 05:11	1	K25590.D	Rtx-624 0.25(mm)
460-233032-7	SB-06_0-2_20210427	05/01/2021 05:35	1	K25591.D	Rtx-624 0.25(mm)
460-233032-8	SB-06_6-8_20210427	05/01/2021 05:58	1	K25592.D	Rtx-624 0.25(mm)
ZZZZZ		05/01/2021 06:45	1		Rtx-624 0.25(mm)
ZZZZZ		05/01/2021 07:09	1		Rtx-624 0.25(mm)
ZZZZZ		05/01/2021 07:32	1		Rtx-624 0.25(mm)
ZZZZZ		05/01/2021 07:56	1		Rtx-624 0.25(mm)
ZZZZZ		05/01/2021 09:06	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 774534 Batch Start Date: 04/28/21 14:12 Batch Analyst: Gao, Yong X

Batch Method: 5035 Batch End Date: 04/28/21 14:32

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-774534/1		5035, 8260D		5 g	5 mL				
460-233032-C-1	SB-01_0-2_20210427	5035, 8260D	T	3.93 g	5 mL				
460-233032-C-2	SB-01_4-6_20210427	5035, 8260D	T	4.91 g	5 mL				
460-233032-C-3	SB-02_0-2_20210427	5035, 8260D	T	4.62 g	5 mL				
460-233032-C-4	SB-02_4-6_20210427	5035, 8260D	T	5.32 g	5 mL				
460-233032-C-5	SB-05_0-2_20210427	5035, 8260D	T	3.67 g	5 mL				
460-233032-C-6	SB-05_3-5_20210427	5035, 8260D	T	4.94 g	5 mL				
460-233032-C-7	SB-06_0-2_20210427	5035, 8260D	T	4.78 g	5 mL				
460-233032-C-8	SB-06_6-8_20210427	5035, 8260D	T	5.79 g	5 mL				

Batch Notes	
Balance ID	35
Blank Matrix ID	1700485
Pipette/Syringe/Dispenser ID	6
Vial Lot Number	0204201G

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 774667 Batch Start Date: 04/29/21 05:01 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00036	8260ISNEW 00119	8260MIX1COMB 00136	8260SURR250 00217
BFB 460-774667/1		8260D		5 mL	5 mL				
CCVIS 460-774667/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-774667/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-774667/5		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-774667/8		8260D		5 mL	5 mL		1 uL		1 uL
460-233032-C-4-A	SB-02_4-6_20210427	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00123	BFB 00029	GASES Li 00418			
BFB 460-774667/1		8260D			1 uL				
CCVIS 460-774667/3		8260D		3 uL		2 uL			
LCS 460-774667/4		8260D		3 uL		2 uL			
LCSD 460-774667/5		8260D		3 uL		2 uL			
MB 460-774667/8		8260D							
460-233032-C-4-A	SB-02_4-6_20210427	8260D	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 775117 Batch Start Date: 04/30/21 20:45 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260ISNEW 00120	8260MIX1COMB 00136	8260SURR250 00217	ACROLEIN W 00123
BFB 460-775117/1		8260D		5 mL	5 mL				
CCVIS 460-775117/3		8260D		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
LCS 460-775117/4		8260D		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
LCSD 460-775117/5		8260D		5 mL	5 mL	1 uL	2 uL	1 uL	3 uL
MB 460-775117/8		8260D		5 mL	5 mL	1 uL		1 uL	
LB3 460-774534/1-A		8260D		5 mL	5 mL	1 uL		1 uL	
460-233032-C-1-A	SB-01_0-2_20210427	8260D	T	5 mL	5 mL	1 uL		1 uL	
460-233032-C-2-A	SB-01_4-6_20210427	8260D	T	5 mL	5 mL	1 uL		1 uL	
460-233032-C-3-A	SB-02_0-2_20210427	8260D	T	5 mL	5 mL	1 uL		1 uL	
460-233032-C-5-A	SB-05_0-2_20210427	8260D	T	5 mL	5 mL	1 uL		1 uL	
460-233032-C-6-A	SB-05_3-5_20210427	8260D	T	5 mL	5 mL	1 uL		1 uL	
460-233032-C-7-A	SB-06_0-2_20210427	8260D	T	5 mL	5 mL	1 uL		1 uL	
460-233032-C-8-A	SB-06_6-8_20210427	8260D	T	5 mL	5 mL	1 uL		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00029	GASES Li 00418				
BFB 460-775117/1		8260D		1 uL					
CCVIS 460-775117/3		8260D			2 uL				
LCS 460-775117/4		8260D			2 uL				
LCSD 460-775117/5		8260D			2 uL				
MB 460-775117/8		8260D							
LB3 460-774534/1-A		8260D							
460-233032-C-1-A	SB-01_0-2_20210427	8260D	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 775117 Batch Start Date: 04/30/21 20:45 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00029	GASES Li 00418				
460-233032-C-2-A	SB-01_4-6_20210427	8260D	T						
460-233032-C-3-A	SB-02_0-2_20210427	8260D	T						
460-233032-C-5-A	SB-05_0-2_20210427	8260D	T						
460-233032-C-6-A	SB-05_3-5_20210427	8260D	T						
460-233032-C-7-A	SB-06_0-2_20210427	8260D	T						
460-233032-C-8-A	SB-06_6-8_20210427	8260D	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
SB-01_0-2_20210427	460-233032-1	41	47	61
SB-01_4-6_20210427	460-233032-2	47	48	59
SB-02_0-2_20210427	460-233032-3	44	46	62
SB-02_4-6_20210427	460-233032-4	51	54	69
SB-05_0-2_20210427	460-233032-5	45	47	50
SB-05_3-5_20210427	460-233032-6	46	51	60
SB-06_0-2_20210427	460-233032-7	48	50	57
SB-06_6-8_20210427	460-233032-8	58	59	72
	MB 460-774834/1-A	92	93	104
	LCS 460-774834/2-A	79	83	98
	LCSD 460-774834/3-A	84	83	97

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	11-104
FBP = 2-Fluorobiphenyl	14-103
TPHL = Terphenyl-d14 (Surr)	12-126

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f4522813.D

Lab ID: LCS 460-774834/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3.33	2.73	82	63-107	
1,2-Dichlorobenzene	3.33	2.61	78	60-100	
1,3-Dichlorobenzene	3.33	2.47	74	59-99	
1,4-Dichlorobenzene	3.33	2.50	75	60-100	
2,2'-oxybis[1-chloropropane]	3.33	2.53	76	49-109	
2,4-Dinitrotoluene	3.33	3.33	100	65-124	
2,6-Dinitrotoluene	3.33	3.15	95	67-121	
2-Chloronaphthalene	3.33	2.90	87	65-109	
2-Methylnaphthalene	3.33	2.85	85	64-108	
2-Nitroaniline	3.33	2.93	88	59-119	
3,3'-Dichlorobenzidine	3.33	3.05	91	17-101	
3-Nitroaniline	3.33	2.94	88	31-102	
4-Bromophenyl phenyl ether	3.33	3.01	90	67-113	
4-Chloroaniline	3.33	2.69	81	20-98	
4-Chlorophenyl phenyl ether	3.33	2.98	89	66-110	
4-Nitroaniline	3.33	3.05	92	50-110	
Acenaphthene	3.33	2.96	89	53-110	
Acenaphthylene	3.33	2.97	89	64-108	
Anthracene	3.33	3.02	91	67-114	
Benzo[a]anthracene	3.33	2.98	89	67-115	
Benzo[a]pyrene	3.33	3.78	114	73-123	
Benzo[b]fluoranthene	3.33	3.62	109	70-125	
Benzo[g,h,i]perylene	3.33	3.29	99	61-113	
Benzo[k]fluoranthene	3.33	3.40	102	67-115	
Bis(2-chloroethoxy)methane	3.33	2.79	84	62-107	
Bis(2-chloroethyl)ether	3.33	2.75	82	60-107	
Bis(2-ethylhexyl) phthalate	3.33	3.07	92	59-111	
Butyl benzyl phthalate	3.33	3.09	93	62-113	
Carbazole	3.33	3.12	93	64-113	
Chrysene	3.33	3.05	92	71-122	
Dibenz(a,h)anthracene	3.33	3.68	110	66-119	
Dibenzofuran	3.33	3.02	91	65-108	
Diethyl phthalate	3.33	3.09	93	63-109	
Dimethyl phthalate	3.33	3.03	91	65-109	
Di-n-butyl phthalate	3.33	3.10	93	66-114	
Di-n-octyl phthalate	3.33	3.40	102	65-122	
Fluoranthene	3.33	3.12	93	61-106	
Fluorene	3.33	3.01	90	65-109	
Hexachlorobenzene	3.33	3.02	91	61-113	
Hexachlorobutadiene	3.33	2.72	82	62-109	
Hexachlorocyclopentadiene	3.33	2.31	69	42-118	
Hexachloroethane	3.33	2.47	74	61-102	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f4522813.D

Lab ID: LCS 460-774834/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3.33	3.61	108	62-121	
Isophorone	3.33	2.84	85	63-107	
Naphthalene	3.33	2.76	83	63-106	
Nitrobenzene	3.33	2.87	86	63-110	
N-Nitrosodi-n-propylamine	3.33	2.80	84	61-108	
N-Nitrosodiphenylamine	3.33	2.99	90	67-113	
Phenanthrene	3.33	3.00	90	66-112	
Pyrene	3.33	3.00	90	61-111	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f4522814.D

Lab ID: LCSD 460-774834/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3.33	2.97	89	8	30	63-107	
1,2-Dichlorobenzene	3.33	2.92	87	11	30	60-100	
1,3-Dichlorobenzene	3.33	2.81	84	13	30	59-99	
1,4-Dichlorobenzene	3.33	2.86	86	13	30	60-100	
2,2'-oxybis[1-chloropropane]	3.33	2.76	83	9	30	49-109	
2,4-Dinitrotoluene	3.33	3.31	99	1	30	65-124	
2,6-Dinitrotoluene	3.33	3.21	96	2	30	67-121	
2-Chloronaphthalene	3.33	3.00	90	3	30	65-109	
2-Methylnaphthalene	3.33	3.03	91	6	30	64-108	
2-Nitroaniline	3.33	3.00	90	2	30	59-119	
3,3'-Dichlorobenzidine	3.33	3.01	90	1	30	17-101	
3-Nitroaniline	3.33	2.83	85	4	30	31-102	
4-Bromophenyl phenyl ether	3.33	3.04	91	1	30	67-113	
4-Chloroaniline	3.33	2.59	78	4	30	20-98	
4-Chlorophenyl phenyl ether	3.33	3.00	90	1	30	66-110	
4-Nitroaniline	3.33	3.13	94	3	30	50-110	
Acenaphthene	3.33	3.00	90	1	30	53-110	
Acenaphthylene	3.33	3.05	91	3	30	64-108	
Anthracene	3.33	3.09	93	2	30	67-114	
Benzo[a]anthracene	3.33	3.02	91	1	30	67-115	
Benzo[a]pyrene	3.33	3.89	117	3	30	73-123	
Benzo[b]fluoranthene	3.33	3.67	110	2	30	70-125	
Benzo[g,h,i]perylene	3.33	3.43	103	4	30	61-113	
Benzo[k]fluoranthene	3.33	3.55	106	4	30	67-115	
Bis(2-chloroethoxy)methane	3.33	2.91	87	4	30	62-107	
Bis(2-chloroethyl)ether	3.33	3.01	90	9	30	60-107	
Bis(2-ethylhexyl) phthalate	3.33	3.12	93	1	30	59-111	
Butyl benzyl phthalate	3.33	3.13	94	1	30	62-113	
Carbazole	3.33	3.18	95	2	30	64-113	
Chrysene	3.33	3.11	93	2	30	71-122	
Dibenz(a,h)anthracene	3.33	3.78	113	3	30	66-119	
Dibenzofuran	3.33	3.04	91	1	30	65-108	
Diethyl phthalate	3.33	3.10	93	0	30	63-109	
Dimethyl phthalate	3.33	3.04	91	1	30	65-109	
Di-n-butyl phthalate	3.33	3.16	95	2	30	66-114	
Di-n-octyl phthalate	3.33	3.48	104	2	30	65-122	
Fluoranthene	3.33	3.19	96	2	30	61-106	
Fluorene	3.33	3.03	91	1	30	65-109	
Hexachlorobenzene	3.33	3.05	91	1	30	61-113	
Hexachlorobutadiene	3.33	3.04	91	11	30	62-109	
Hexachlorocyclopentadiene	3.33	2.43	73	5	30	42-118	
Hexachloroethane	3.33	2.80	84	12	30	61-102	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f4522814.D

Lab ID: LCSD 460-774834/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	3.33	3.64	109	1	30	62-121	
Isophorone	3.33	2.99	90	5	30	63-107	
Naphthalene	3.33	2.97	89	7	30	63-106	
Nitrobenzene	3.33	3.12	94	8	30	63-110	
N-Nitrosodi-n-propylamine	3.33	2.97	89	6	30	61-108	
N-Nitrosodiphenylamine	3.33	3.02	91	1	30	67-113	
Phenanthrene	3.33	3.06	92	2	30	66-112	
Pyrene	3.33	3.03	91	1	30	61-111	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab File ID: f4522812.D Lab Sample ID: MB 460-774834/1-A

Matrix: Solid Date Extracted: 04/29/2021 16:29

Instrument ID: CBNAMS15 Date Analyzed: 04/29/2021 22:12

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-774834/2-A	f4522813.D	04/29/2021 22:30
	LCSD 460-774834/3-A	f4522814.D	04/29/2021 22:47
SB-01_4-6_20210427	460-233032-2	f4522819.D	04/30/2021 00:13
SB-06_6-8_20210427	460-233032-8	f4522820.D	04/30/2021 00:30
SB-02_4-6_20210427	460-233032-4	f4522822.D	04/30/2021 01:05
SB-05_3-5_20210427	460-233032-6	f4522826.D	04/30/2021 02:14
SB-02_0-2_20210427	460-233032-3	f4522827.D	04/30/2021 02:31
SB-06_0-2_20210427	460-233032-7	f4522831.D	04/30/2021 03:40
SB-05_0-2_20210427	460-233032-5	f4522834.D	04/30/2021 04:32
SB-01_0-2_20210427	460-233032-1	f4522837.D	04/30/2021 05:23

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab File ID: f4522074.D DFTPP Injection Date: 04/02/2021

Instrument ID: CBNAMS15 DFTPP Injection Time: 08:30

Analysis Batch No.: 769079

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.9 (1.5) 1
69	Present	58.1
70	Less than 2% of m/z 69	0.2 (0.4) 1
197	Less than 2% of m/z 198	0.0
198	Base Peak	100.0
199	5-9% of m/z 198	7.0
365	Greater than 1% of Base Peak	4.7
441	Less than 150% of m/z 443	28.5 (80.8) 3
442	Present	179.5
443	15-24% of m/z 442	35.3 (19.7) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-769079/2	f4522075.D	04/02/2021	8:39
	STD120 460-769079/3	f4522076.D	04/02/2021	8:57
	STD80 460-769079/4	f4522077.D	04/02/2021	9:14
	STD20 460-769079/5	f4522078.D	04/02/2021	9:31
	STD10 460-769079/6	f4522079.D	04/02/2021	9:48
	STD5 460-769079/7	f4522080.D	04/02/2021	10:05
	STD2 460-769079/8	f4522081.D	04/02/2021	10:22
	STD1 460-769079/9	f4522082.D	04/02/2021	10:40
	STD05 460-769079/10	f4522083.D	04/02/2021	10:57
	ICV 460-769079/11	f4522084.D	04/02/2021	11:14

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: ICIS 460-769079/2 Date Analyzed: 04/02/2021 08:39

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f4522075.D Heated Purge: (Y/N) N

Calibration ID: 84406

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		76659	3.16	294551	4.13	155411	5.46
UPPER LIMIT		153318	3.66	589102	4.63	310822	5.96
LOWER LIMIT		38330	2.66	147276	3.63	77706	4.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-769079/11		81243	3.15	318104	4.12	165450	5.46

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: ICIS 460-769079/2 Date Analyzed: 04/02/2021 08:39

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f4522075.D Heated Purge: (Y/N) N

Calibration ID: 84406

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		298034	6.58	299046	8.58	313183	9.90
UPPER LIMIT		596068	7.08	598092	9.08	626366	10.40
LOWER LIMIT		149017	6.08	149523	8.08	156592	9.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-769079/11		305267	6.58	283862	8.57	327278	9.90

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: CCVIS 460-774884/2 Date Analyzed: 04/29/2021 21:32

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f4522810.D Heated Purge: (Y/N) N

Calibration ID: 84406

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		70599	3.17	274693	4.15	146452	5.49
UPPER LIMIT		141198	3.67	549386	4.65	292904	5.99
LOWER LIMIT		35300	2.67	137347	3.65	73226	4.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-774834/1-A		69082	3.16	260427	4.14	136535	5.48
LCS 460-774834/2-A		74307	3.16	285811	4.14	152132	5.48
LCSD 460-774834/3-A		69456	3.16	266777	4.13	143801	5.48
460-233032-2	SB-01_4-6_20210427	66768	3.16	259337	4.13	137660	5.48
460-233032-8	SB-06_6-8_20210427	83374	3.16	321579	4.13	171369	5.48
460-233032-4	SB-02_4-6_20210427	75856	3.16	293311	4.13	155303	5.48
460-233032-6	SB-05_3-5_20210427	68199	3.16	262577	4.13	138339	5.48
460-233032-3	SB-02_0-2_20210427	80710	3.16	310660	4.14	164597	5.48
460-233032-7	SB-06_0-2_20210427	79039	3.16	300720	4.14	161284	5.48
460-233032-5	SB-05_0-2_20210427	77110	3.16	301169	4.13	157842	5.48
460-233032-1	SB-01_0-2_20210427	69408	3.16	264421	4.13	141842	5.48

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: CCVIS 460-774884/2 Date Analyzed: 04/29/2021 21:32

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f4522810.D Heated Purge: (Y/N) N

Calibration ID: 84406

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		274539	6.61	265884	8.62	282191	9.97
UPPER LIMIT		549078	7.11	531768	9.12	564382	10.47
LOWER LIMIT		137270	6.11	132942	8.12	141096	9.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-774834/1-A		265823	6.60	250670	8.61	264715	9.96
LCS 460-774834/2-A		291469	6.60	280478	8.61	299431	9.96
LCSD 460-774834/3-A		270809	6.60	263513	8.61	278385	9.96
460-233032-2	SB-01_4-6_20210427	272742	6.60	261327	8.61	279140	9.95
460-233032-8	SB-06_6-8_20210427	326542	6.60	313437	8.61	336225	9.96
460-233032-4	SB-02_4-6_20210427	298019	6.59	281733	8.61	302839	9.95
460-233032-6	SB-05_3-5_20210427	272404	6.60	259125	8.61	280265	9.96
460-233032-3	SB-02_0-2_20210427	314462	6.60	302159	8.61	327801	9.96
460-233032-7	SB-06_0-2_20210427	308699	6.60	299487	8.61	323970	9.96
460-233032-5	SB-05_0-2_20210427	305657	6.60	297715	8.61	327557	9.96
460-233032-1	SB-01_0-2_20210427	270418	6.60	261719	8.61	290115	9.96

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-01_0-2_20210427 Lab Sample ID: 460-233032-1

Matrix: Solid Lab File ID: f4522837.D

Analysis Method: 8270E Date Collected: 04/27/2021 09:15

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 05:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.039	U	0.039	0.010
95-50-1	1,2-Dichlorobenzene	0.39	U	0.39	0.0067
541-73-1	1,3-Dichlorobenzene	0.39	U	0.39	0.0052
106-46-7	1,4-Dichlorobenzene	0.39	U	0.39	0.015
108-60-1	2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.0071
121-14-2	2,4-Dinitrotoluene	0.080	U	0.080	0.042
606-20-2	2,6-Dinitrotoluene	0.080	U	0.080	0.028
91-58-7	2-Chloronaphthalene	0.39	U	0.39	0.018
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.011
88-74-4	2-Nitroaniline	0.39	U	0.39	0.015
91-94-1	3,3'-Dichlorobenzidine	0.16	U	0.16	0.059
99-09-2	3-Nitroaniline	0.39	U	0.39	0.044
101-55-3	4-Bromophenyl phenyl ether	0.39	U	0.39	0.016
106-47-8	4-Chloroaniline	0.39	U	0.39	0.070
7005-72-3	4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014
100-01-6	4-Nitroaniline	0.39	U	0.39	0.045
83-32-9	Acenaphthene	0.012	J	0.39	0.011
208-96-8	Acenaphthylene	0.012	J	0.39	0.0040
120-12-7	Anthracene	0.021	J	0.39	0.012
56-55-3	Benzo[a]anthracene	0.096		0.039	0.014
50-32-8	Benzo[a]pyrene	0.11		0.039	0.010
205-99-2	Benzo[b]fluoranthene	0.14		0.039	0.010
191-24-2	Benzo[g,h,i]perylene	0.069	J	0.39	0.012
207-08-9	Benzo[k]fluoranthene	0.050		0.039	0.0077
111-91-1	Bis(2-chloroethoxy)methane	0.39	U	0.39	0.031
111-44-4	Bis(2-chloroethyl)ether	0.039	U	0.039	0.014
117-81-7	Bis(2-ethylhexyl) phthalate	0.072	J	0.39	0.021
85-68-7	Butyl benzyl phthalate	0.046	J	0.39	0.018
86-74-8	Carbazole	0.39	U	0.39	0.015
218-01-9	Chrysene	0.094	J	0.39	0.0067
53-70-3	Dibenz(a,h)anthracene	0.039	U	0.039	0.017
132-64-9	Dibenzofuran	0.39	U	0.39	0.0055
84-66-2	Diethyl phthalate	0.39	U	0.39	0.0057
131-11-3	Dimethyl phthalate	0.39	U	0.39	0.089

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-01_0-2_20210427 Lab Sample ID: 460-233032-1

Matrix: Solid Lab File ID: f4522837.D

Analysis Method: 8270E Date Collected: 04/27/2021 09:15

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 05:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.39	U	0.39	0.015
117-84-0	Di-n-octyl phthalate	0.39	U	0.39	0.021
206-44-0	Fluoranthene	0.18	J	0.39	0.014
86-73-7	Fluorene	0.39	U	0.39	0.0053
118-74-1	Hexachlorobenzene	0.039	U	0.039	0.019
87-68-3	Hexachlorobutadiene	0.080	U	0.080	0.0084
77-47-4	Hexachlorocyclopentadiene	0.39	U	0.39	0.035
67-72-1	Hexachloroethane	0.039	U	0.039	0.014
193-39-5	Indeno[1,2,3-cd]pyrene	0.095		0.039	0.015
78-59-1	Isophorone	0.16	U	0.16	0.11
91-20-3	Naphthalene	0.010	J	0.39	0.0068
98-95-3	Nitrobenzene	0.039	U	0.039	0.0094
621-64-7	N-Nitrosodi-n-propylamine	0.039	U	0.039	0.029
86-30-6	N-Nitrosodiphenylamine	0.39	U	0.39	0.032
85-01-8	Phenanthrene	0.091	J	0.39	0.0069
129-00-0	Pyrene	0.15	J	0.39	0.0098

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	47		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	41		11-104
1718-51-0	Terphenyl-d14 (Surr)	61		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D
Lims ID: 460-233032-E-1-B
Client ID: SB-01_0-2_20210427
Sample Type: Client
Inject. Date: 30-Apr-2021 05:23:54 ALS Bottle#: 0 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127851-029
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 09:43:59 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: khlungprakhons Date: 30-Apr-2021 16:46:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	3.162	3.173	-0.011	98	69408	40.0	
$ 26 Nitrobenzene-d5	82	3.582	3.591	-0.014	92	70721	20.3	
* 36 Naphthalene-d8	136	4.134	4.145	-0.011	99	264421	40.0	
37 Naphthalene	128	4.151	4.155	-0.009	42	930	0.1285	
42 2-Methylnaphthalene	142	4.692	4.692	-0.006	68	554	0.1151	
$ 50 2-Fluorobiphenyl	172	4.978	4.982	-0.010	97	126294	23.5	
59 Acenaphthylene	152	5.374	5.375	-0.007	77	1064	0.1518	
* 61 Acenaphthene-d10	164	5.480	5.491	-0.011	97	141842	40.0	
62 Acenaphthene	154	5.504	5.508	-0.010	2	627	0.1482	
* 83 Phenanthrene-d10	188	6.598	6.606	-0.008	99	270418	40.0	
84 Phenanthrene	178	6.613	6.623	-0.013	83	9053	1.15	
85 Anthracene	178	6.651	6.661	-0.014	88	2168	0.2653	
87 Carbazole	167	6.785	6.789	-0.007	58	1356	0.1827	
88 Di-n-butyl phthalate	149	7.069	7.075	-0.010	50	1455	0.1507	
89 Fluoranthene	202	7.502	7.510	-0.012	97	19212	2.24	
91 Pyrene	202	7.668	7.675	-0.012	95	17129	1.87	
$ 93 Terphenyl-d14	244	7.804	7.811	-0.012	98	204321	30.7	
95 Butyl benzyl phthalate	149	8.187	8.196	-0.013	71	2520	0.5810	
100 Benzo[a]anthracene	228	8.602	8.610	-0.012	50	10517	1.21	
* 98 Chrysene-d12	240	8.608	8.623	-0.015	99	261719	40.0	
101 Chrysene	228	8.629	8.642	-0.018	80	10203	1.18	
102 Bis(2-ethylhexyl) phthalate	149	8.673	8.681	-0.012	69	5894	0.9103	
104 Benzo[b]fluoranthene	252	9.581	9.584	-0.019	95	13803	1.75	
105 Benzo[k]fluoranthene	252	9.602	9.605	-0.024	3	5516	0.6308	M
106 Benzo[a]pyrene	252	9.895	9.913	-0.024	91	9744	1.36	
* 107 Perylene-d12	264	9.958	9.973	-0.015	98	290115	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.041	11.051	-0.021	89	8641	1.20	
109 Dibenz(a,h)anthracene	278	11.065	11.072	-0.027	29	1460	0.1898	
110 Benzo[g,h,i]perylene	276	11.302	11.307	-0.024	84	7455	0.8760	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_00193	Amount Added:	20.00	Units: uL	Run Reagent

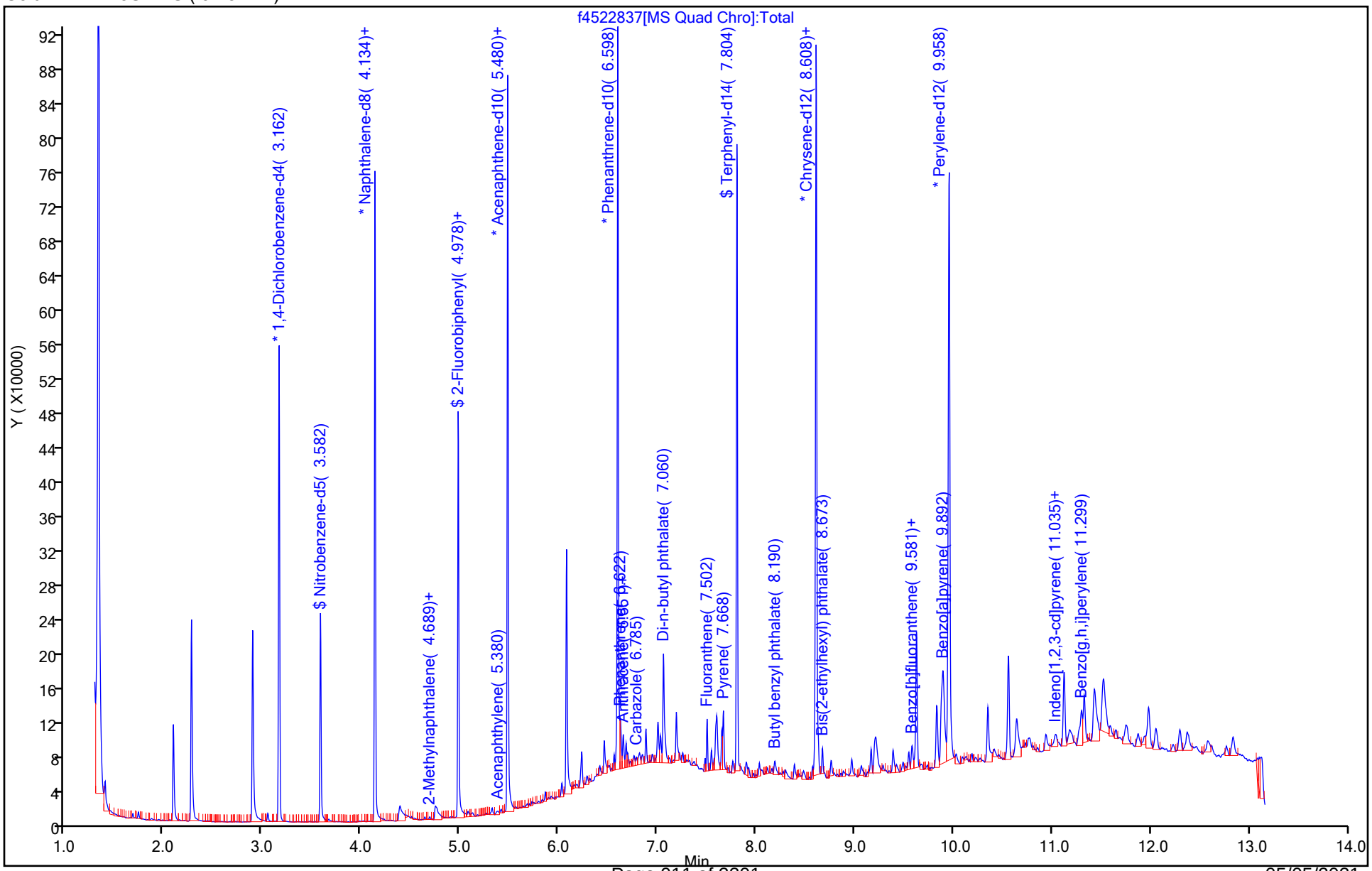
Report Date: 30-Apr-2021 09:44:00 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D

Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1	Worklist Smp#:	29
Client ID:	SB-01_0-2_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

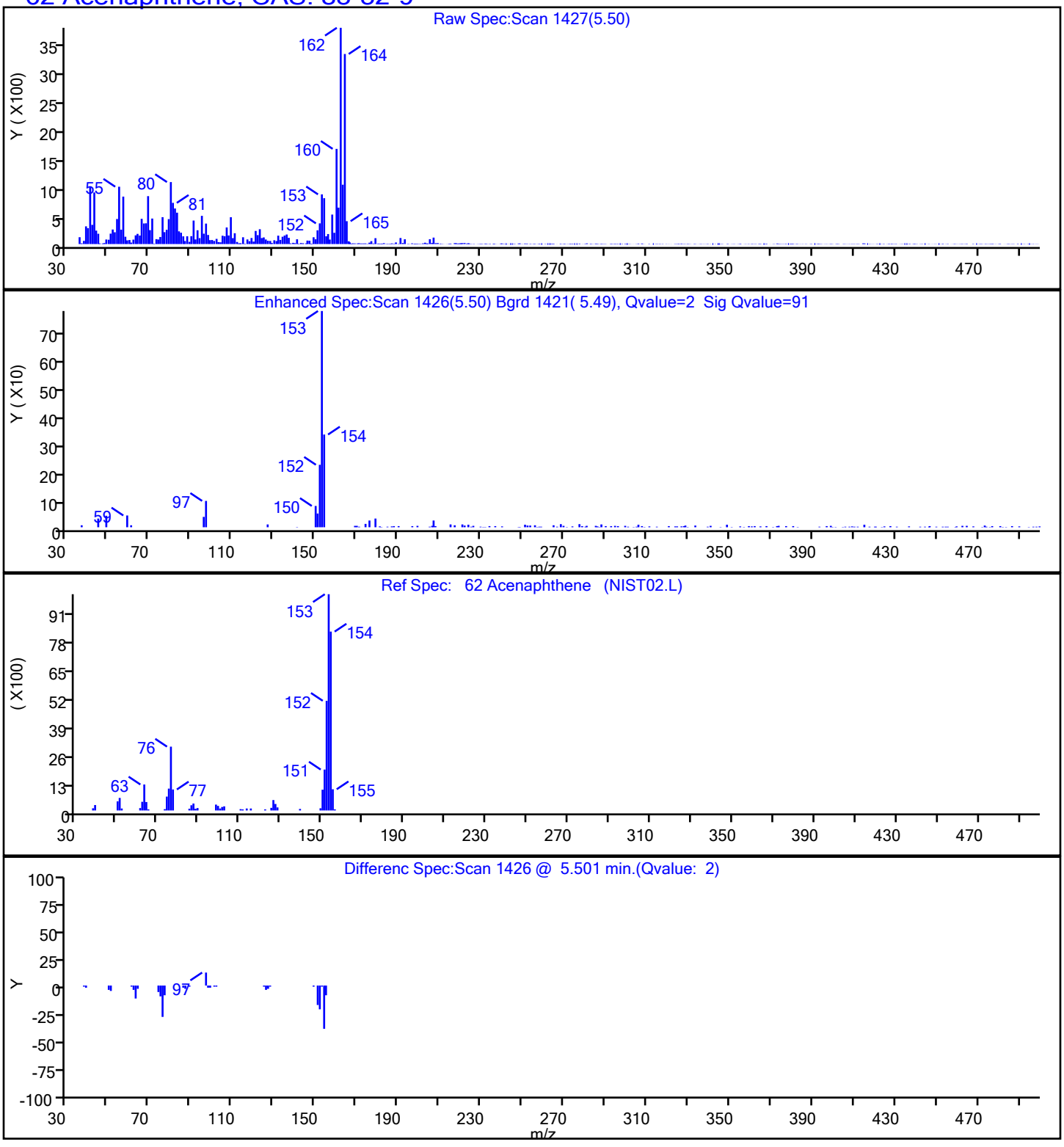
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9

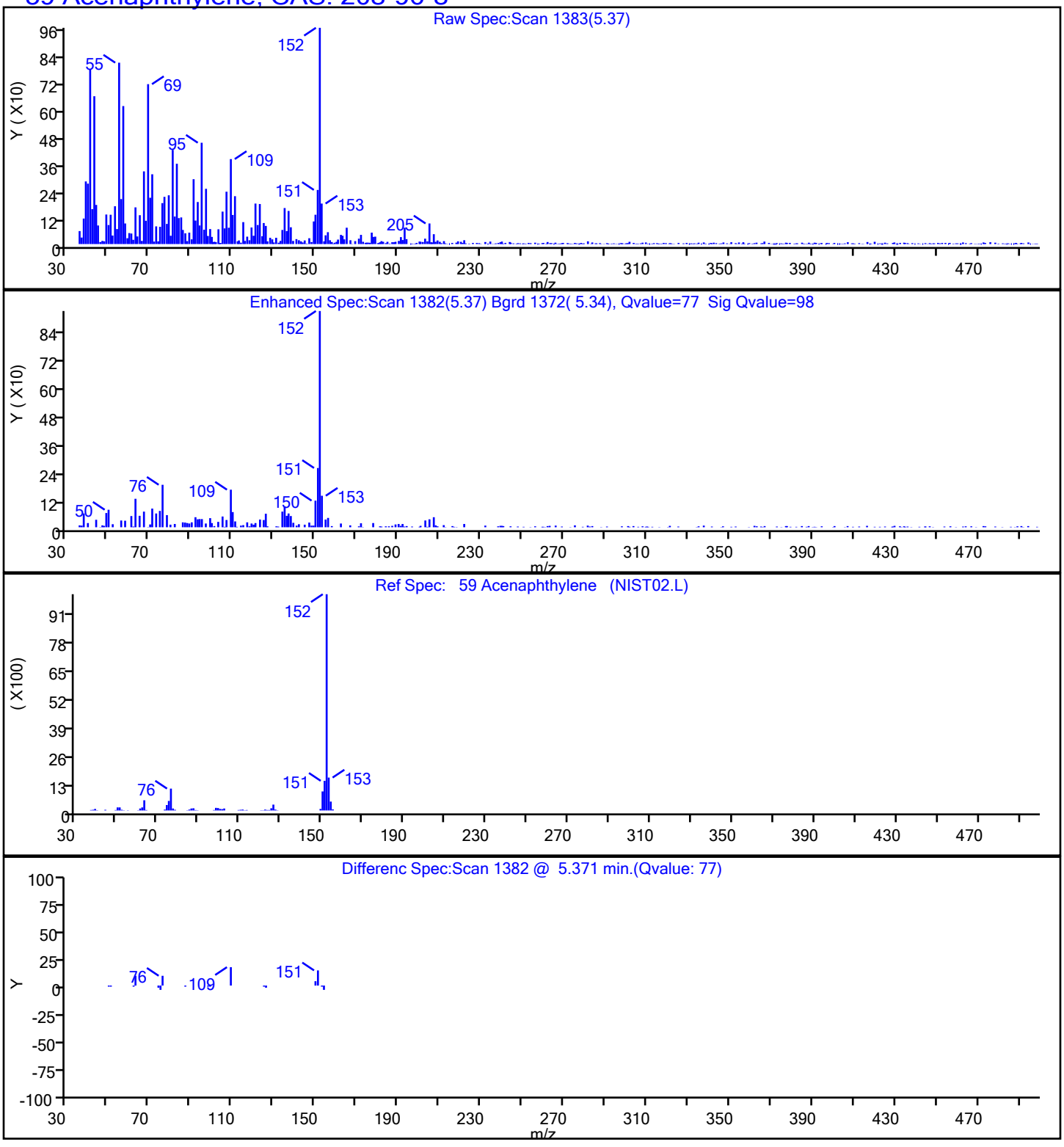


Report Date: 30-Apr-2021 09:44:00 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

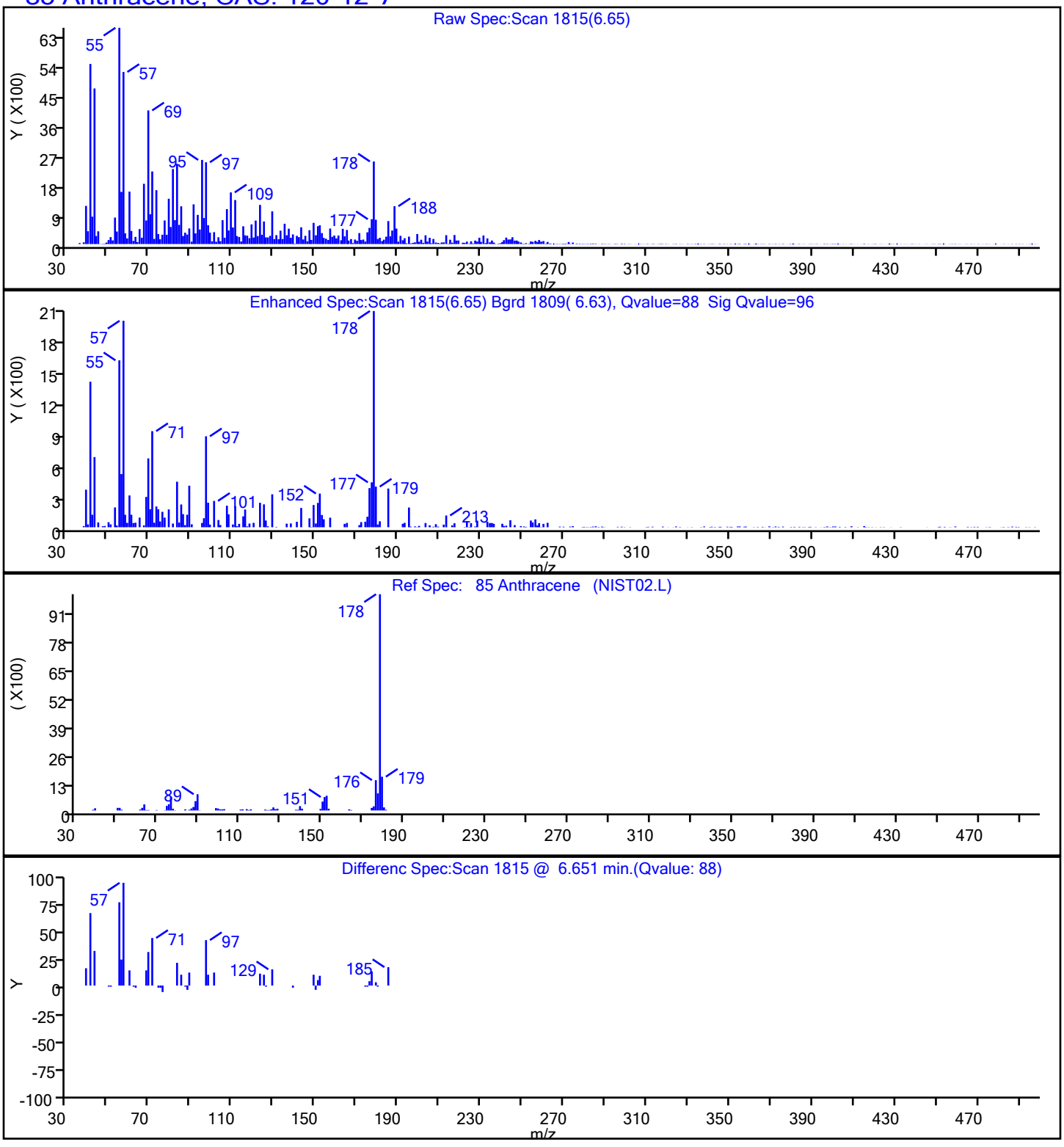
59 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

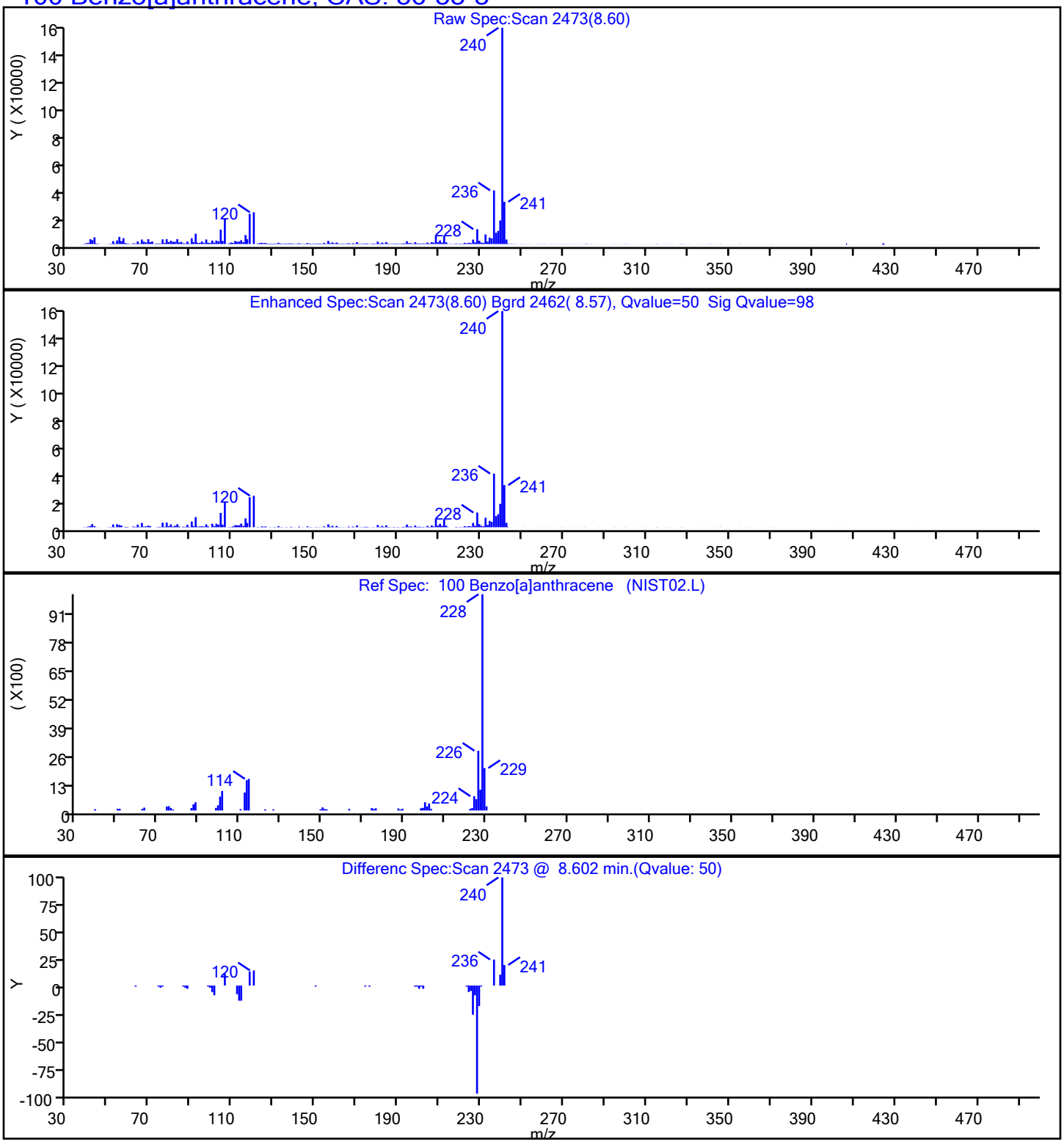
85 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

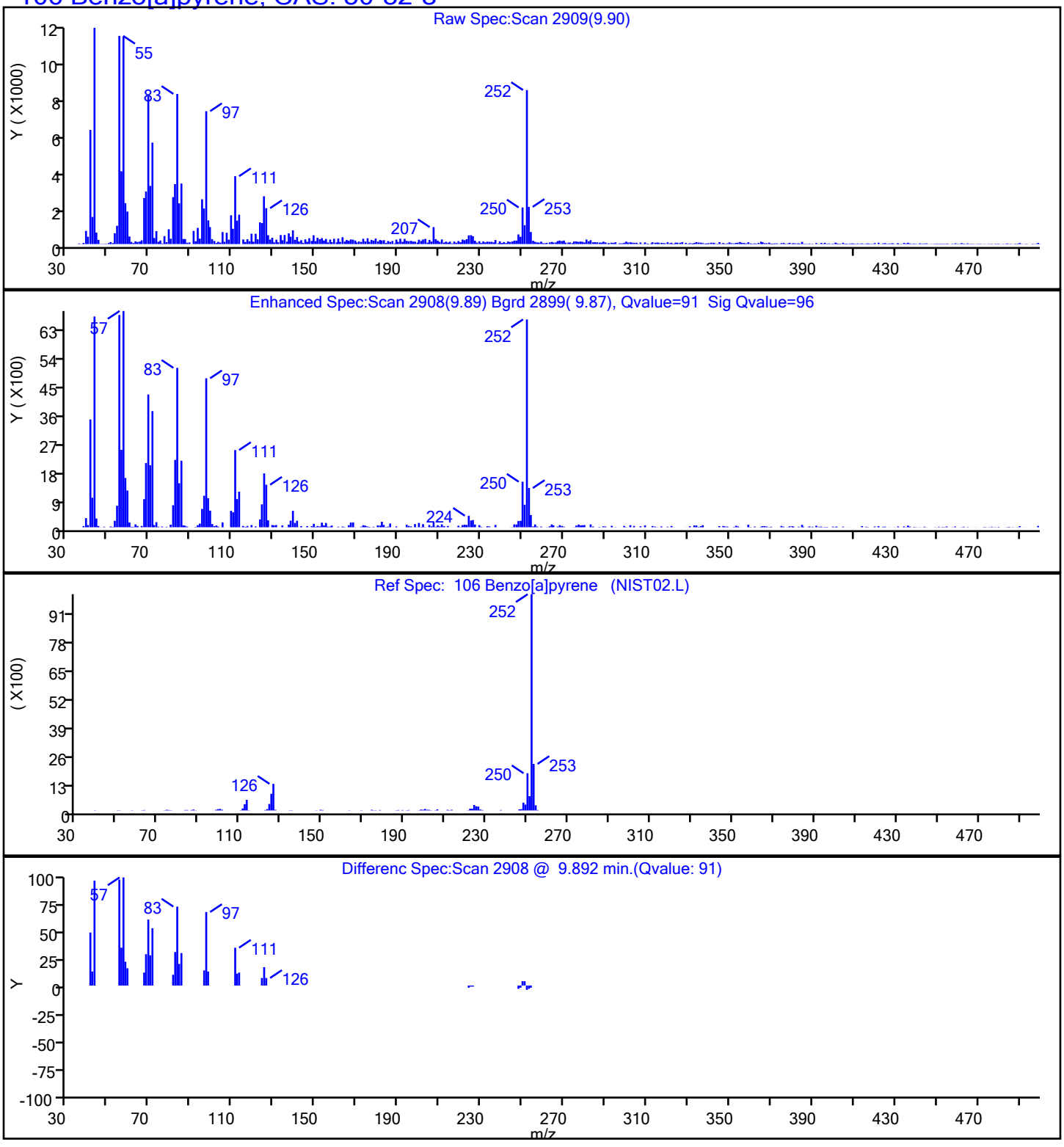
100 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

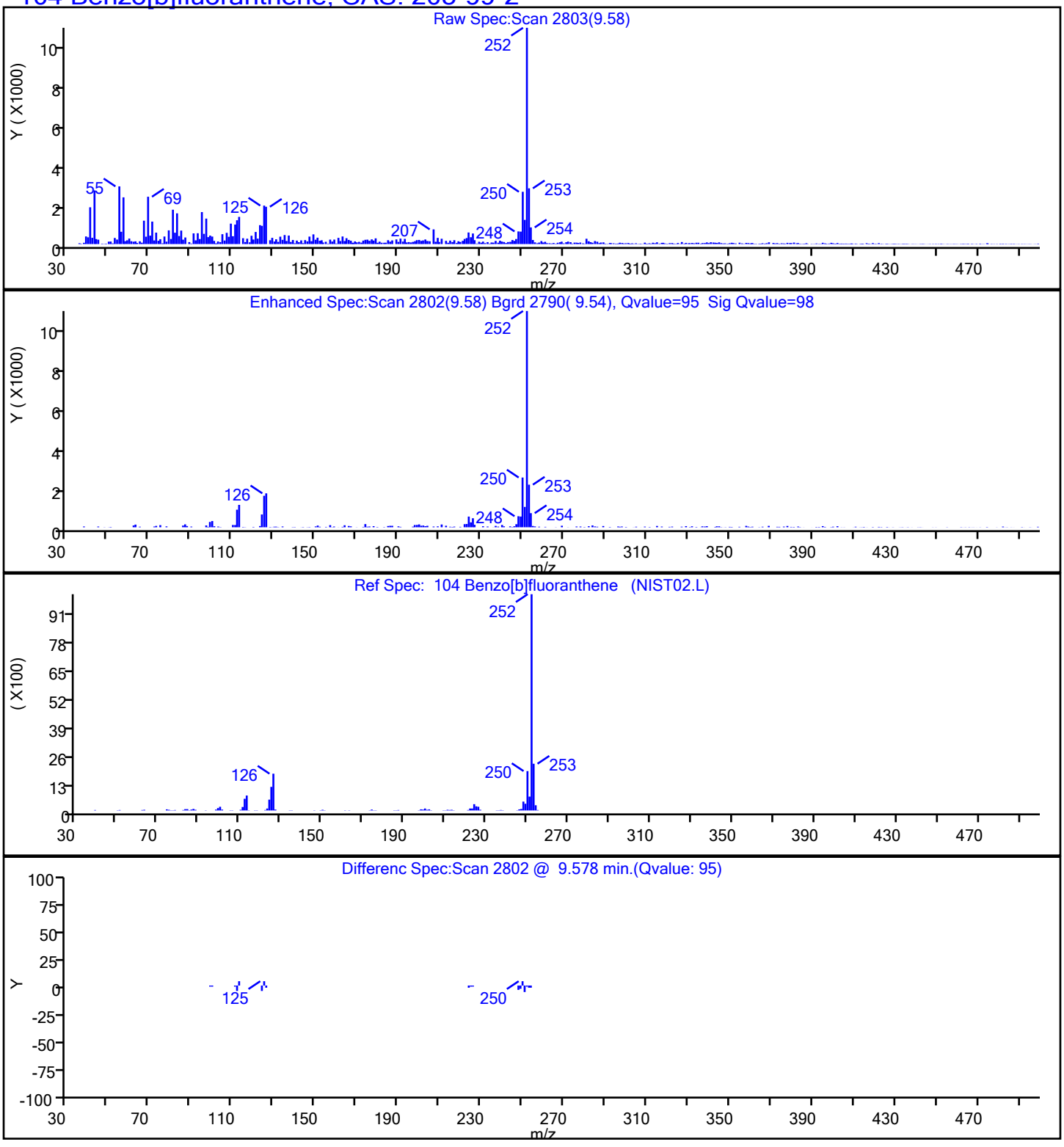
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

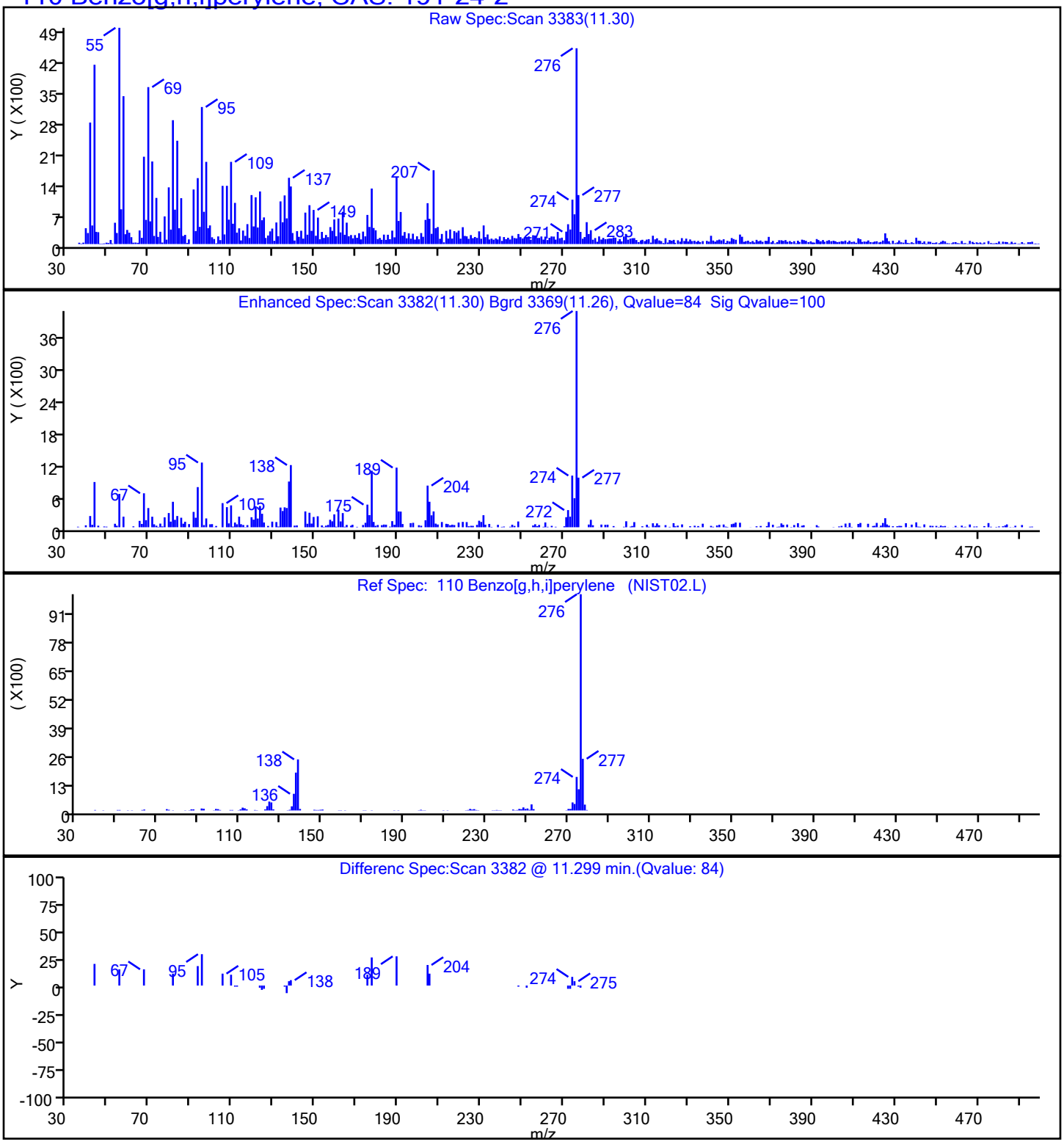
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

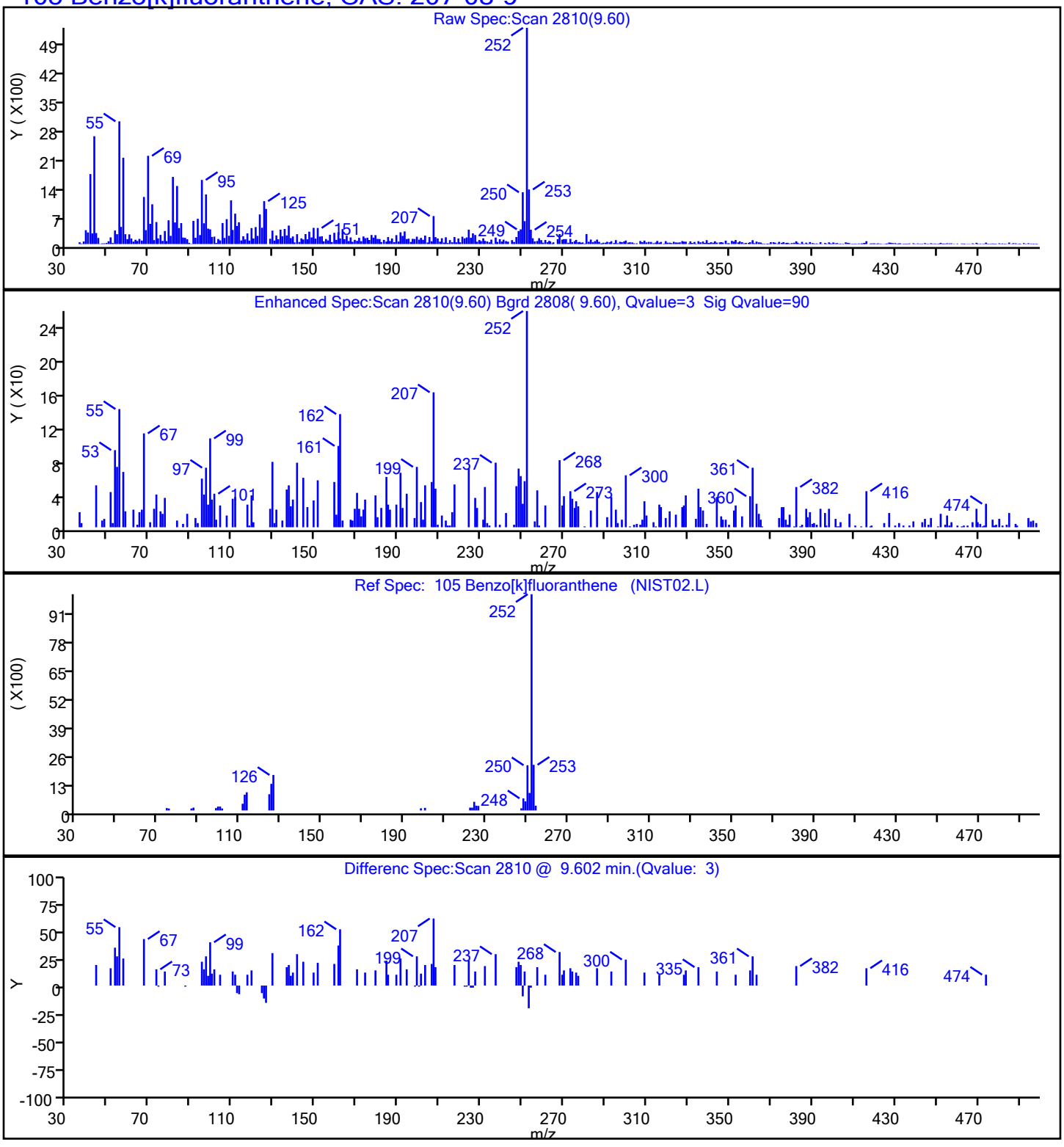
110 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

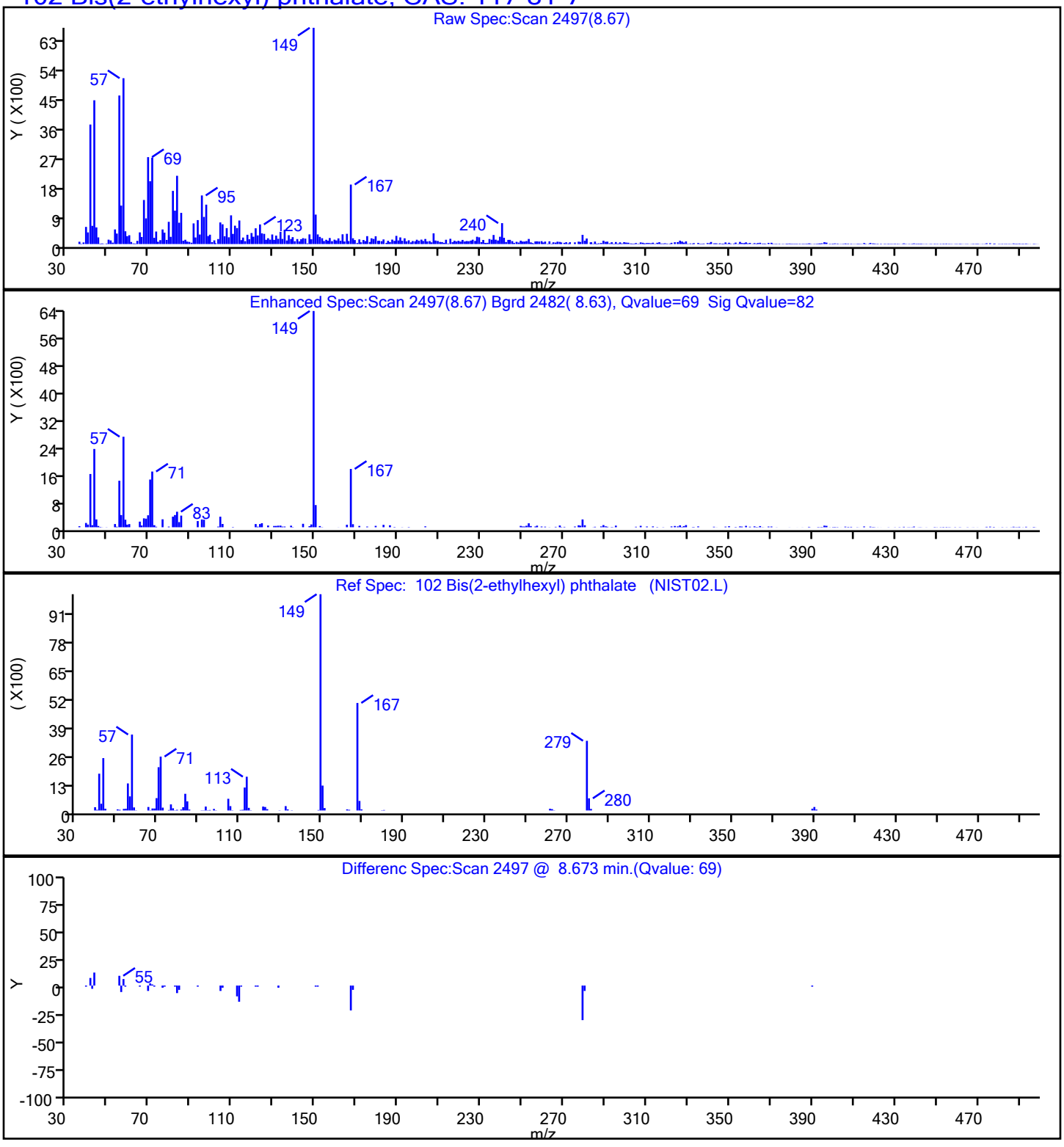
105 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

102 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

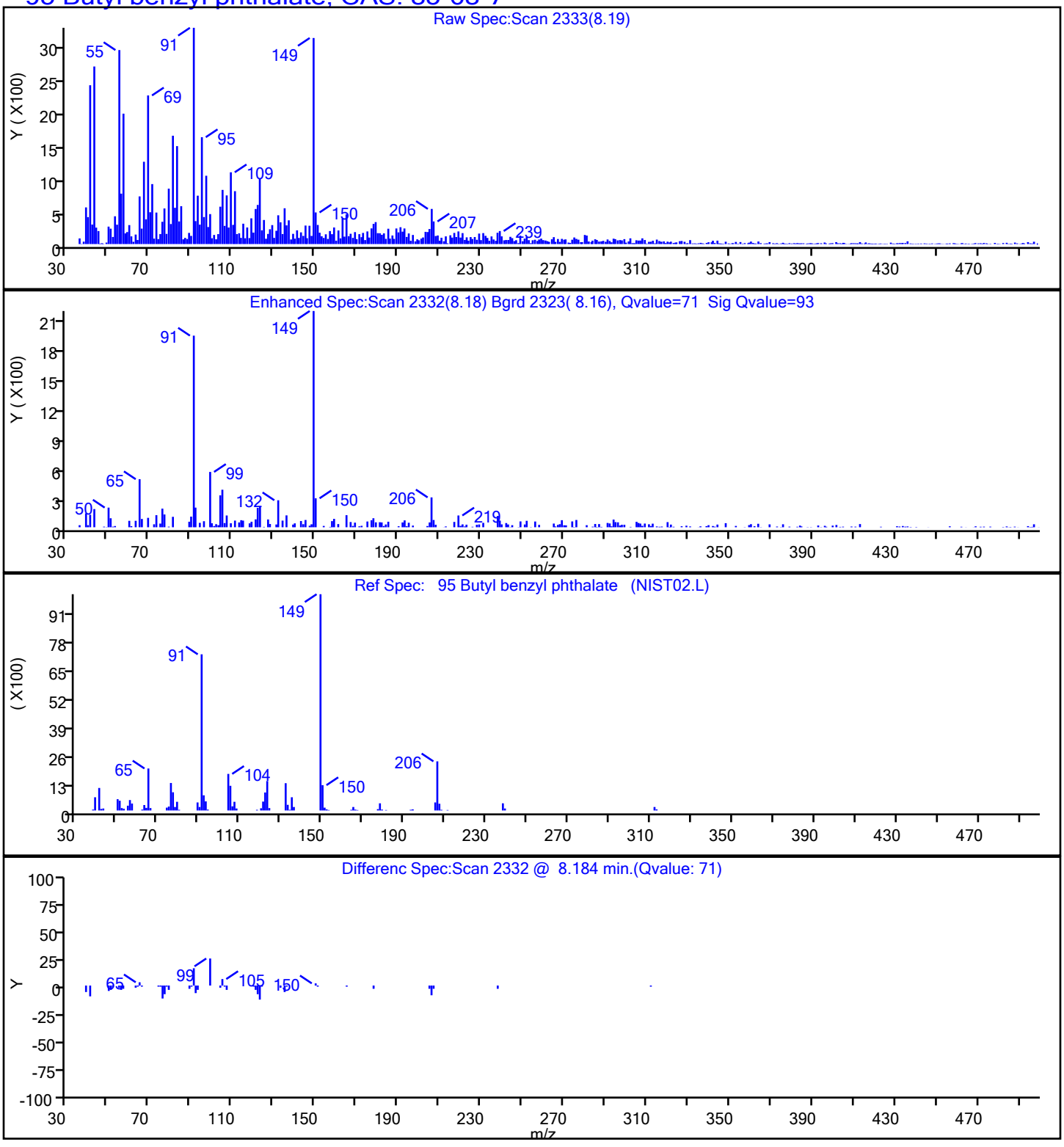


Report Date: 30-Apr-2021 09:44:01 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

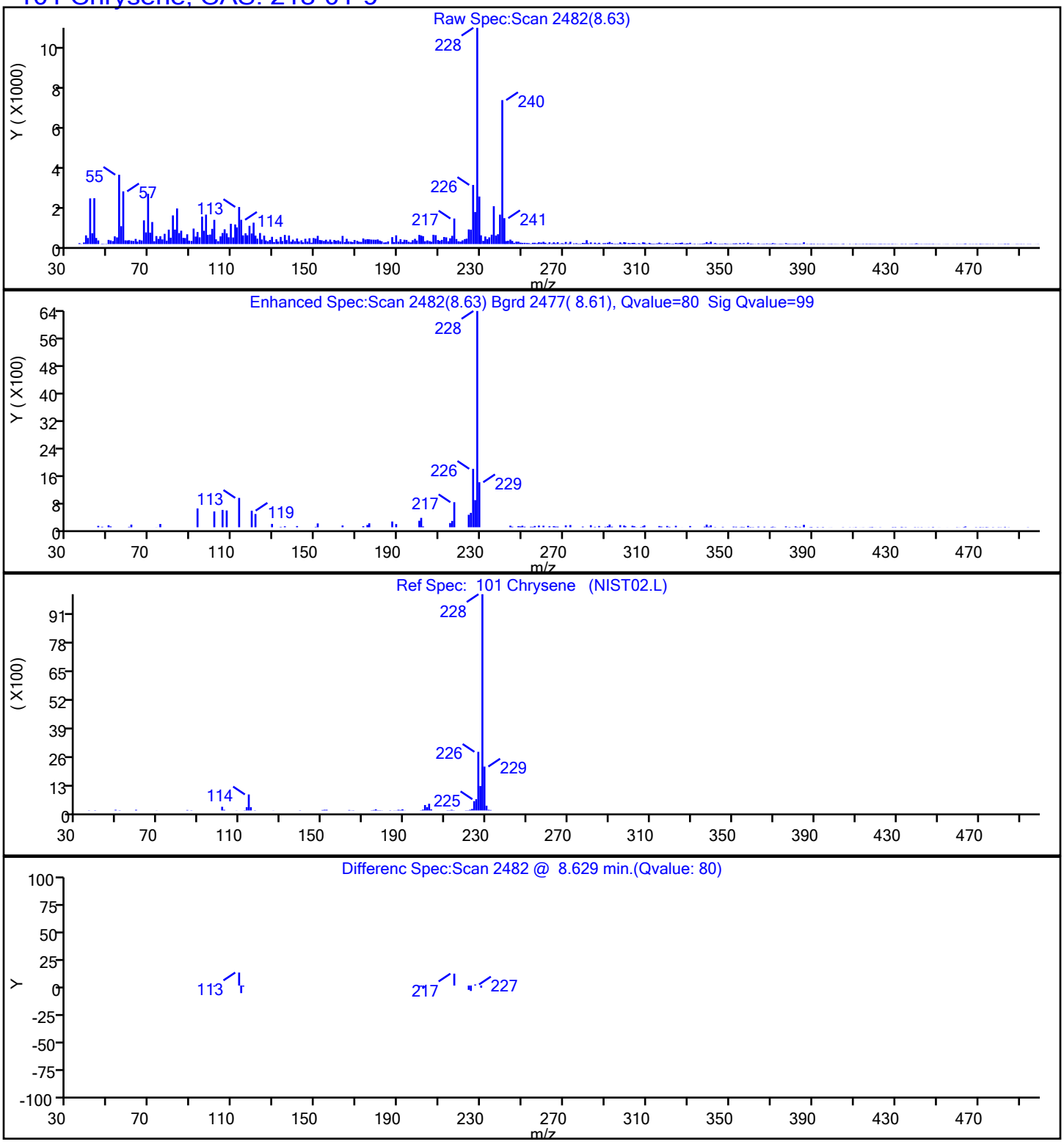
95 Butyl benzyl phthalate, CAS: 85-68-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D		
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1
Client ID:	SB-01_0-2_20210427		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

101 Chrysene, CAS: 218-01-9



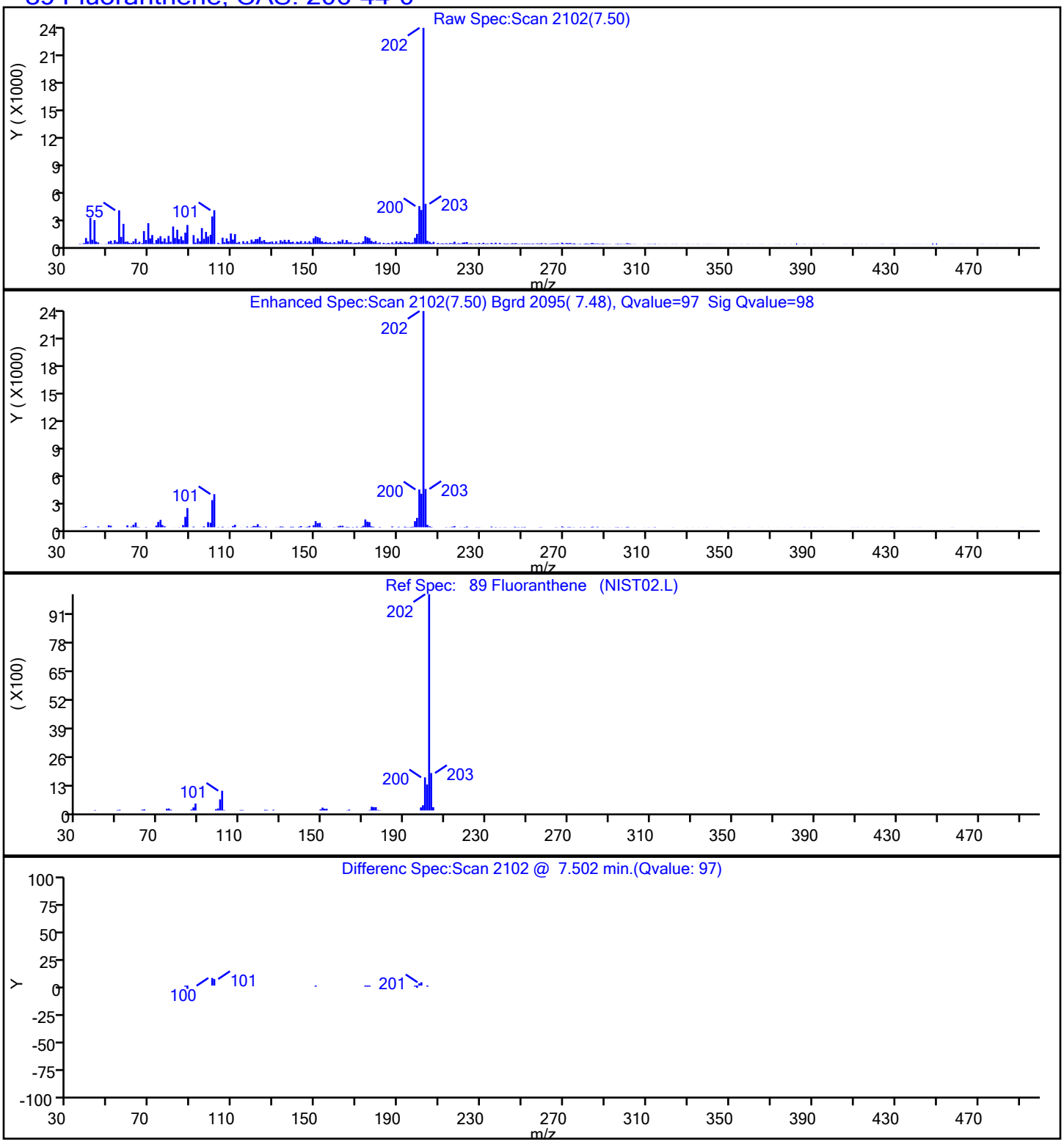
Report Date: 30-Apr-2021 09:44:00 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D

Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

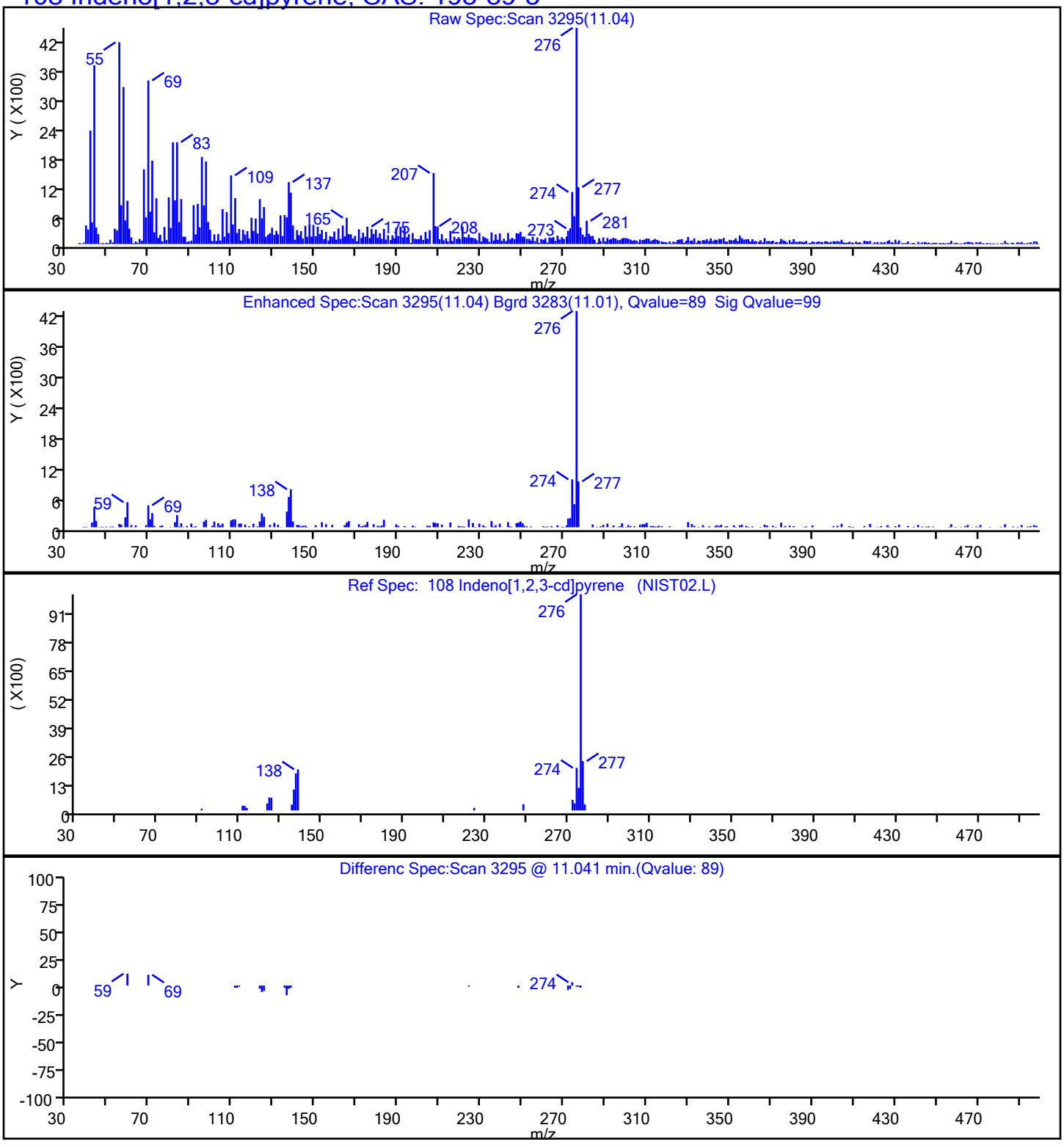
89 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

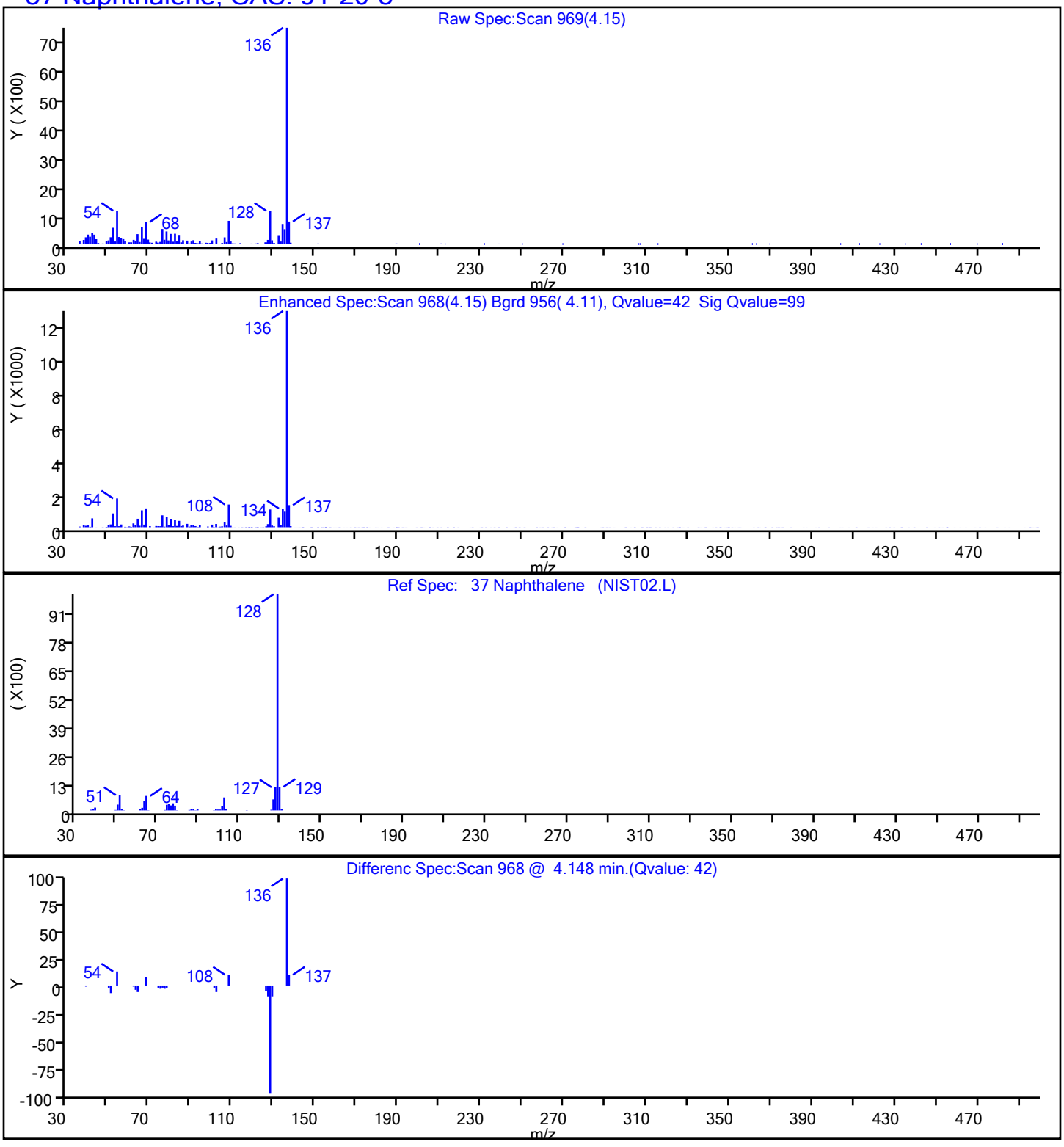


Report Date: 30-Apr-2021 09:44:00 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

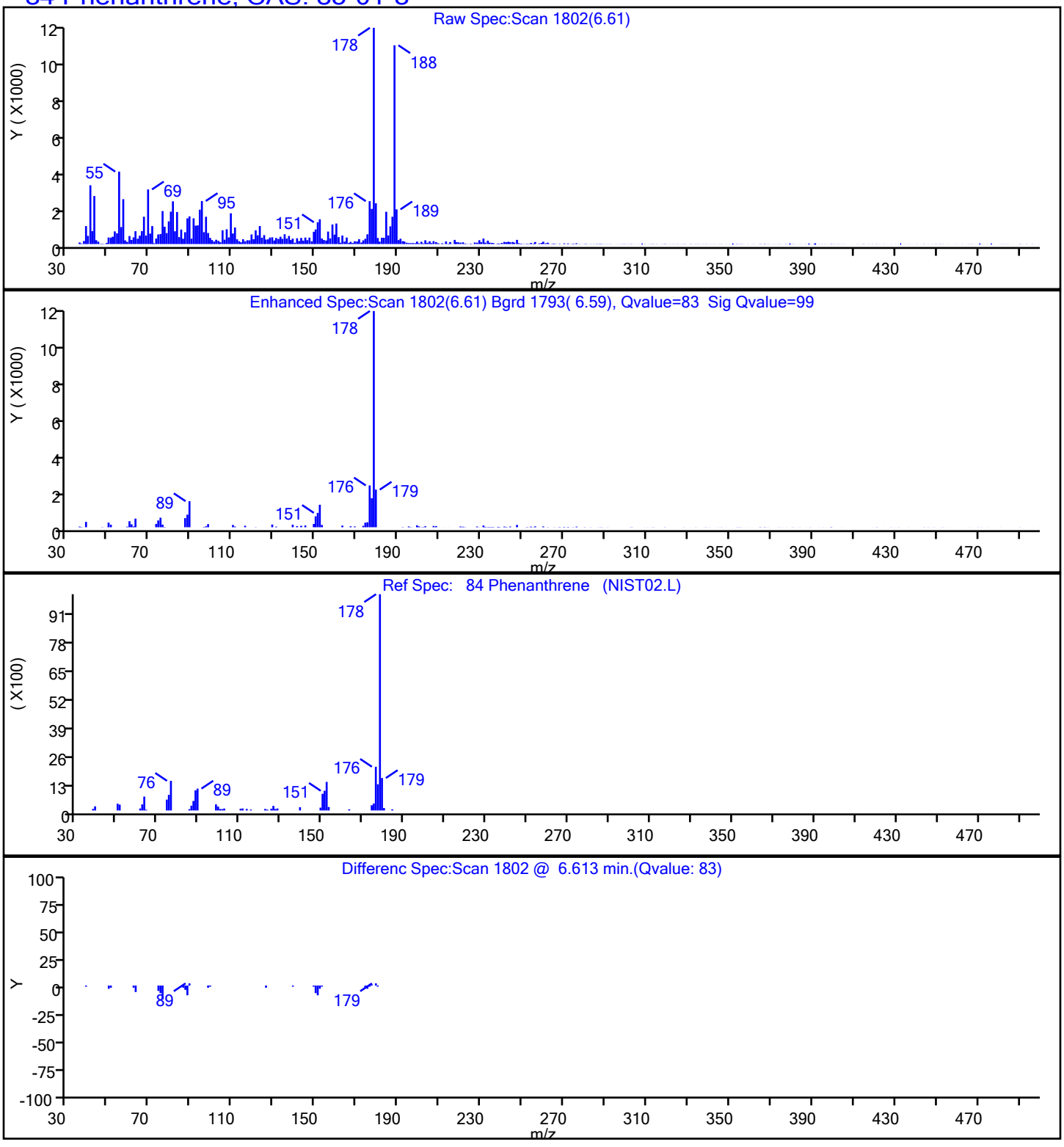
37 Naphthalene, CAS: 91-20-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

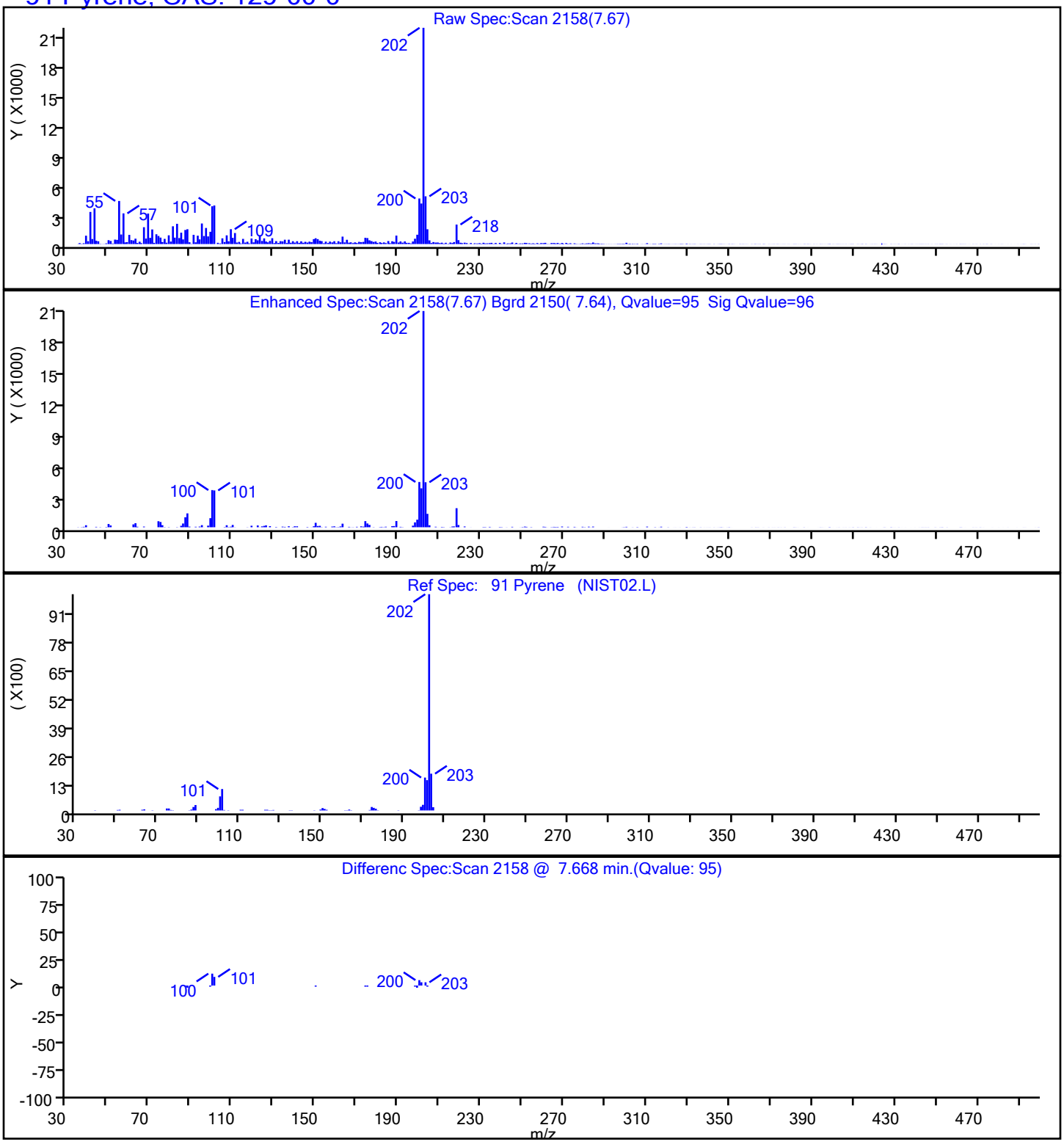
84 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Pyrene, CAS: 129-00-0



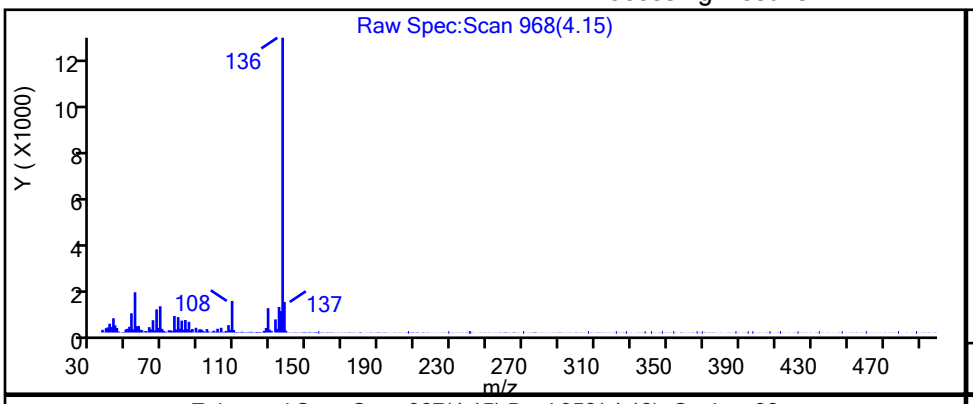
User Disabled Compound Report

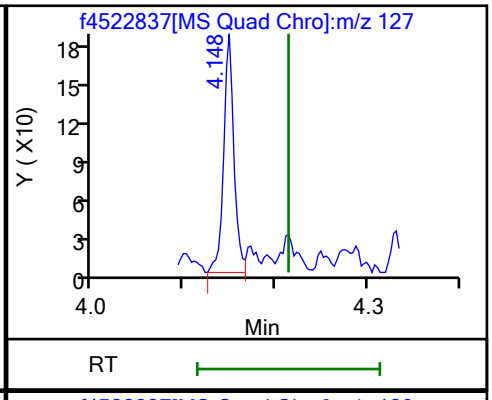
Eurofins TestAmerica, Edison

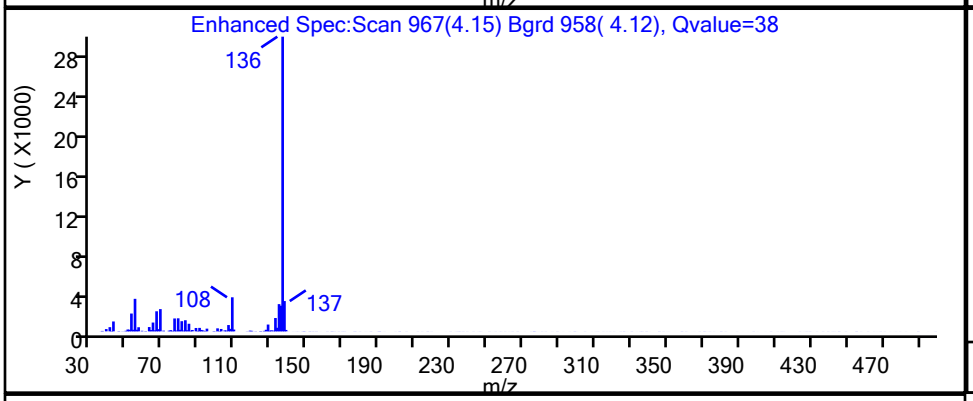
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

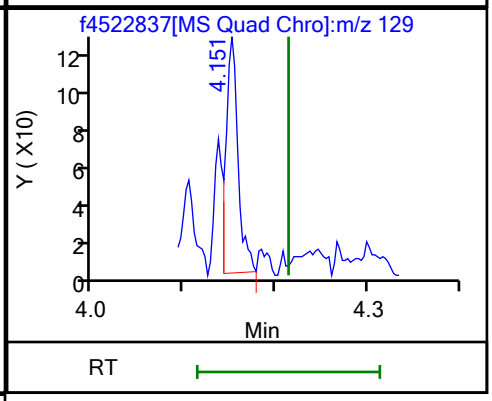
38 4-Chloroaniline, CAS: 106-47-8

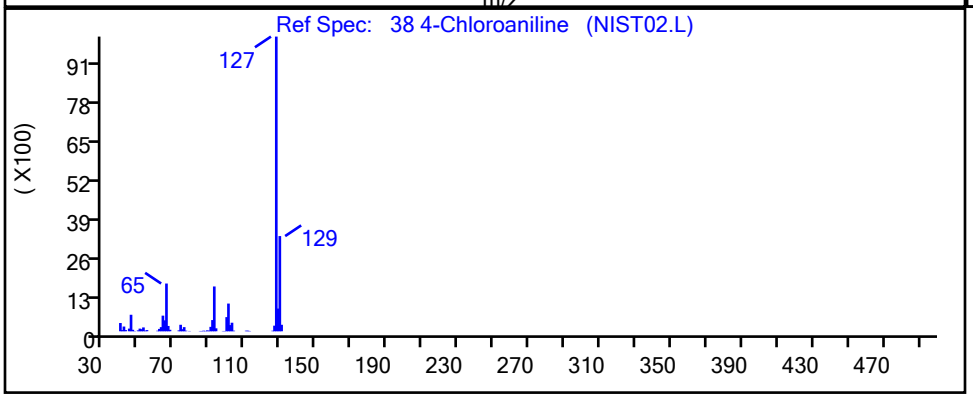
Processing Results











RT	Mass	Response	Amount
4.15	127.00	148	0.048759
4.15	129.00	114	

Reviewer: khlungprakhons, 30-Apr-2021 16:46:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

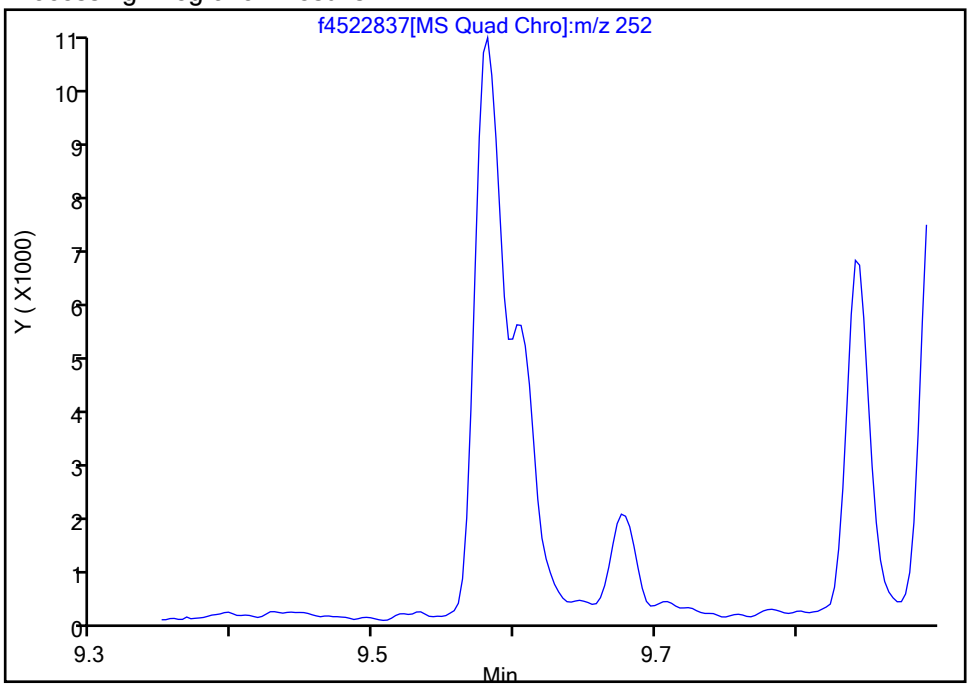
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

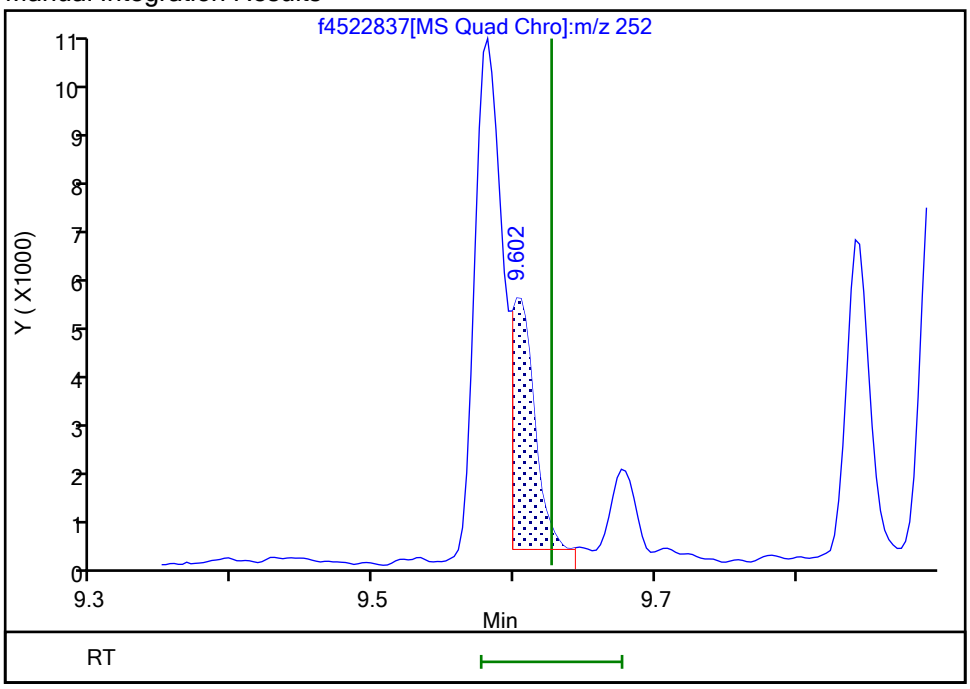
Not Detected
Expected RT: 9.63

Processing Integration Results



Manual Integration Results

RT: 9.60
Area: 5516
Amount: 0.630837
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-Apr-2021 16:46:41
Audit Action: Manually Integrated Audit Reason: Assign Peak

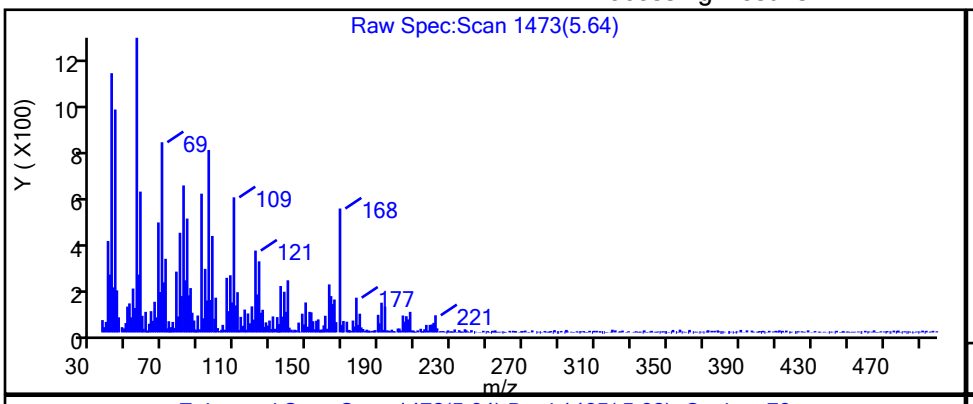
User Disabled Compound Report

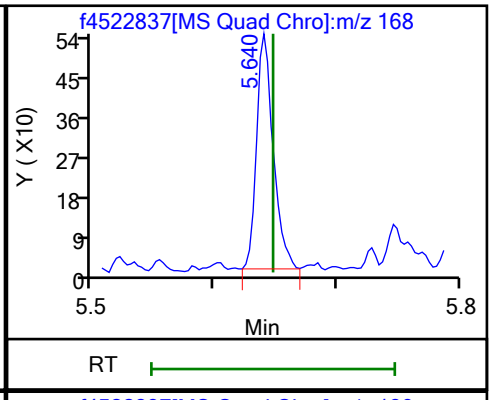
Eurofins TestAmerica, Edison

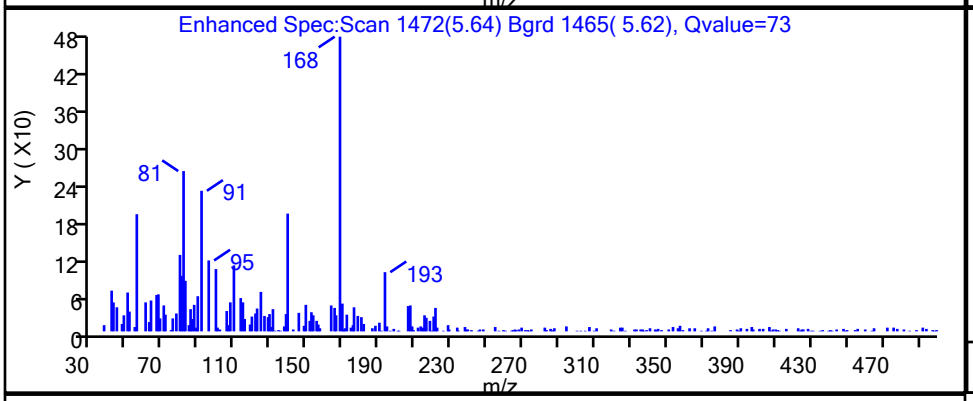
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522837.D				
Injection Date:	30-Apr-2021 05:23:54	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-1-B	Lab Sample ID:	460-233032-1		
Client ID:	SB-01_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

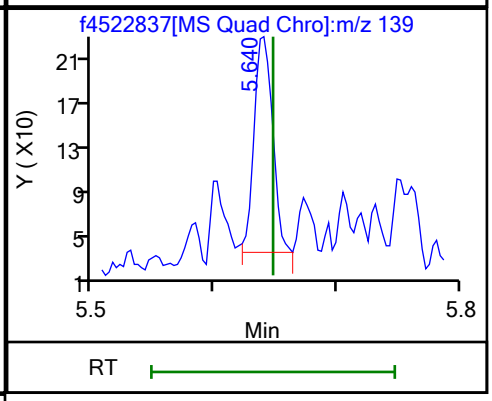
66 Dibenzofuran, CAS: 132-64-9

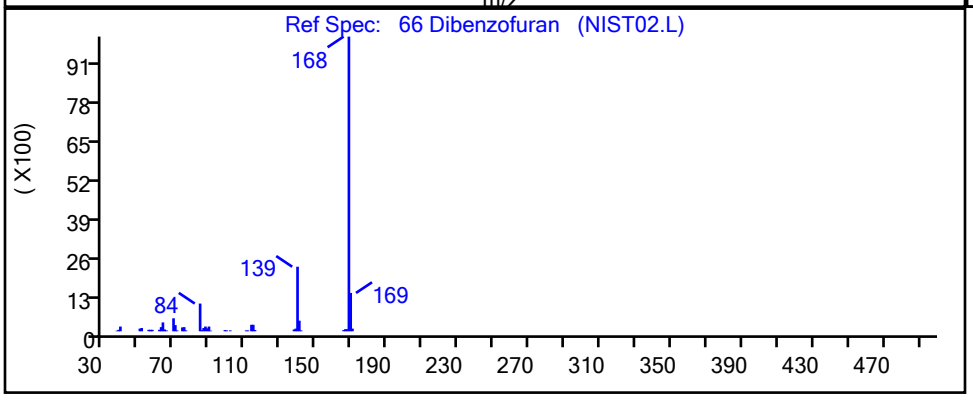
Processing Results











RT	Mass	Response	Amount
5.64	168.00	505	0.078572
5.64	139.00	208	

Reviewer: johnstonm1, 30-Apr-2021 09:43:52

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-01_4-6_20210427 Lab Sample ID: 460-233032-2

Matrix: Solid Lab File ID: f4522819.D

Analysis Method: 8270E Date Collected: 04/27/2021 09:25

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 00:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 21.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.042	U	0.042	0.011
95-50-1	1,2-Dichlorobenzene	0.42	U	0.42	0.0072
541-73-1	1,3-Dichlorobenzene	0.42	U	0.42	0.0056
106-46-7	1,4-Dichlorobenzene	0.42	U	0.42	0.016
108-60-1	2,2'-oxybis[1-chloropropane]	0.42	U	0.42	0.0076
121-14-2	2,4-Dinitrotoluene	0.086	U	0.086	0.045
606-20-2	2,6-Dinitrotoluene	0.086	U	0.086	0.031
91-58-7	2-Chloronaphthalene	0.42	U	0.42	0.020
91-57-6	2-Methylnaphthalene	0.42	U	0.42	0.012
88-74-4	2-Nitroaniline	0.42	U	0.42	0.016
91-94-1	3,3'-Dichlorobenzidine	0.17	U	0.17	0.064
99-09-2	3-Nitroaniline	0.42	U	0.42	0.048
101-55-3	4-Bromophenyl phenyl ether	0.42	U	0.42	0.017
106-47-8	4-Chloroaniline	0.42	U	0.42	0.075
7005-72-3	4-Chlorophenyl phenyl ether	0.42	U	0.42	0.015
100-01-6	4-Nitroaniline	0.42	U	0.42	0.049
83-32-9	Acenaphthene	0.42	U	0.42	0.012
208-96-8	Acenaphthylene	0.42	U	0.42	0.0042
120-12-7	Anthracene	0.42	U	0.42	0.013
56-55-3	Benzo[a]anthracene	0.020	J	0.042	0.015
50-32-8	Benzo[a]pyrene	0.019	J	0.042	0.011
205-99-2	Benzo[b]fluoranthene	0.033	J	0.042	0.011
191-24-2	Benzo[g,h,i]perylene	0.42	U	0.42	0.012
207-08-9	Benzo[k]fluoranthene	0.042	U	0.042	0.0083
111-91-1	Bis(2-chloroethoxy)methane	0.42	U	0.42	0.033
111-44-4	Bis(2-chloroethyl)ether	0.042	U	0.042	0.015
117-81-7	Bis(2-ethylhexyl) phthalate	0.42	U	0.42	0.022
85-68-7	Butyl benzyl phthalate	0.42	U	0.42	0.020
86-74-8	Carbazole	0.42	U	0.42	0.016
218-01-9	Chrysene	0.014	J	0.42	0.0071
53-70-3	Dibenz(a,h)anthracene	0.042	U	0.042	0.018
132-64-9	Dibenzofuran	0.42	U	0.42	0.0059
84-66-2	Diethyl phthalate	0.42	U	0.42	0.0061
131-11-3	Dimethyl phthalate	0.42	U	0.42	0.096

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-01_4-6_20210427 Lab Sample ID: 460-233032-2

Matrix: Solid Lab File ID: f4522819.D

Analysis Method: 8270E Date Collected: 04/27/2021 09:25

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 00:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 21.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.42	U	0.42	0.016
117-84-0	Di-n-octyl phthalate	0.42	U	0.42	0.022
206-44-0	Fluoranthene	0.016	J	0.42	0.015
86-73-7	Fluorene	0.42	U	0.42	0.0057
118-74-1	Hexachlorobenzene	0.042	U	0.042	0.020
87-68-3	Hexachlorobutadiene	0.086	U	0.086	0.0090
77-47-4	Hexachlorocyclopentadiene	0.42	U	0.42	0.037
67-72-1	Hexachloroethane	0.042	U	0.042	0.014
193-39-5	Indeno[1,2,3-cd]pyrene	0.042	U	0.042	0.016
78-59-1	Isophorone	0.17	U	0.17	0.12
91-20-3	Naphthalene	0.42	U	0.42	0.0073
98-95-3	Nitrobenzene	0.042	U	0.042	0.010
621-64-7	N-Nitrosodi-n-propylamine	0.042	U	0.042	0.031
86-30-6	N-Nitrosodiphenylamine	0.42	U	0.42	0.035
85-01-8	Phenanthrene	0.42	U	0.42	0.0074
129-00-0	Pyrene	0.42	U	0.42	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	48		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	47		11-104
1718-51-0	Terphenyl-d14 (Surr)	59		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522819.D
Lims ID: 460-233032-E-2-B
Client ID: SB-01_4-6_20210427
Sample Type: Client
Inject. Date: 30-Apr-2021 00:13:32 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127851-011
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 09:38:55 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: khlungprakhons Date: 30-Apr-2021 15:12:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	3.158	3.173	-0.015	98	66768	40.0	
$ 26 Nitrobenzene-d5	82	3.577	3.591	-0.019	93	80121	23.4	
* 36 Naphthalene-d8	136	4.132	4.145	-0.013	99	259337	40.0	
$ 50 2-Fluorobiphenyl	172	4.976	4.982	-0.012	96	124332	23.8	
* 61 Acenaphthene-d10	164	5.478	5.491	-0.013	97	137660	40.0	
* 83 Phenanthrene-d10	188	6.595	6.606	-0.011	99	272742	40.0	
89 Fluoranthene	202	7.502	7.510	-0.012	95	1671	0.1928	
$ 93 Terphenyl-d14	244	7.804	7.811	-0.012	97	195400	29.4	
100 Benzo[a]anthracene	228	8.602	8.610	-0.012	47	1993	0.2301	a
* 98 Chrysene-d12	240	8.605	8.623	-0.018	99	261327	40.0	
101 Chrysene	228	8.623	8.642	-0.024	41	1430	0.1655	
104 Benzo[b]fluoranthene	252	9.582	9.582	-0.018	92	2961	0.3909	M
106 Benzo[a]pyrene	252	9.896	9.913	-0.023	87	1543	0.2242	
* 107 Perylene-d12	264	9.952	9.973	-0.021	98	279140	40.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

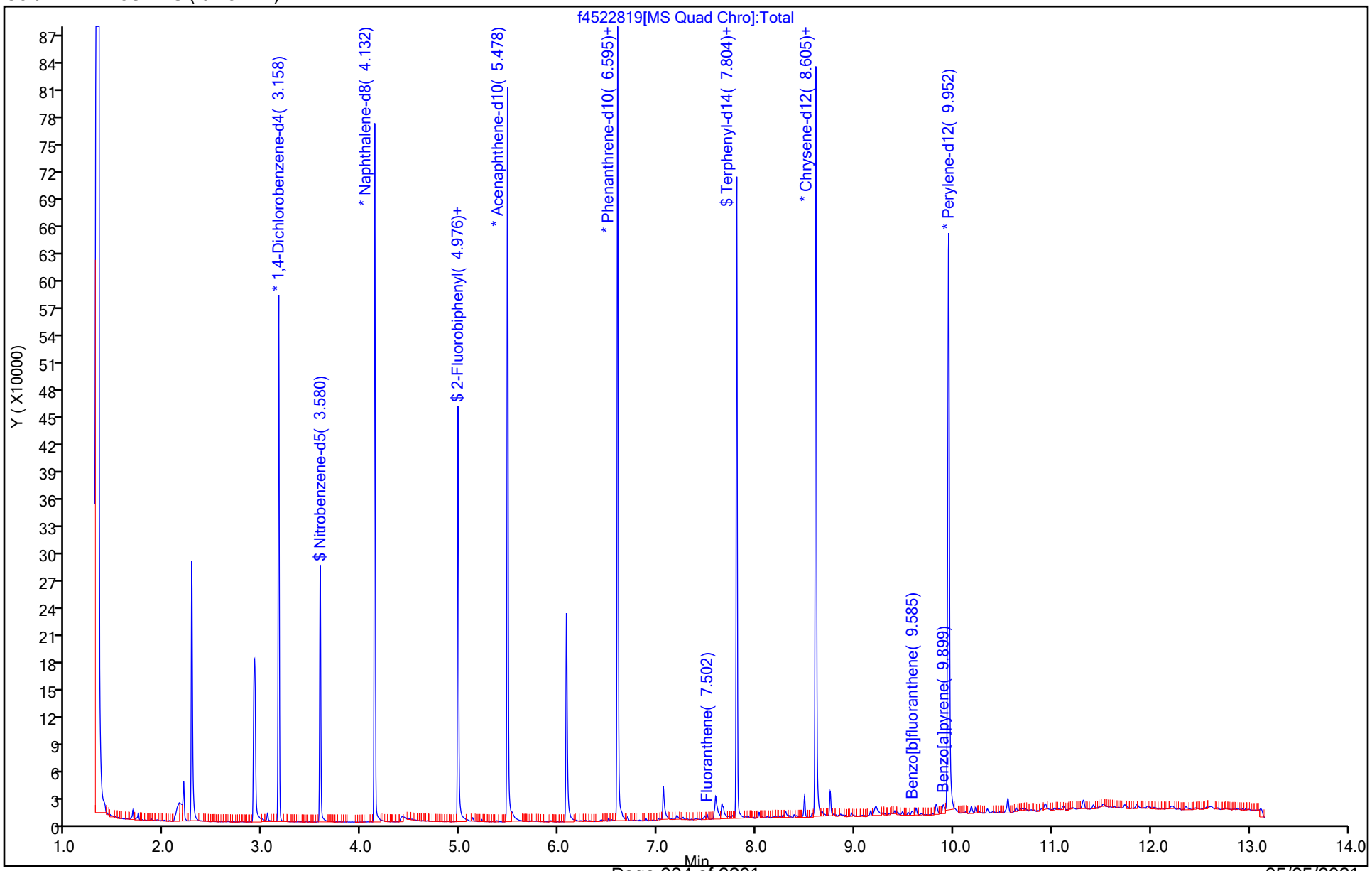
Report Date: 30-Apr-2021 09:38:56 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522819.D

Injection Date:	30-Apr-2021 00:13:32	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	460-233032-E-2-B	Lab Sample ID:	460-233032-2	Worklist Smp#:	11
Client ID:	SB-01_4-6_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

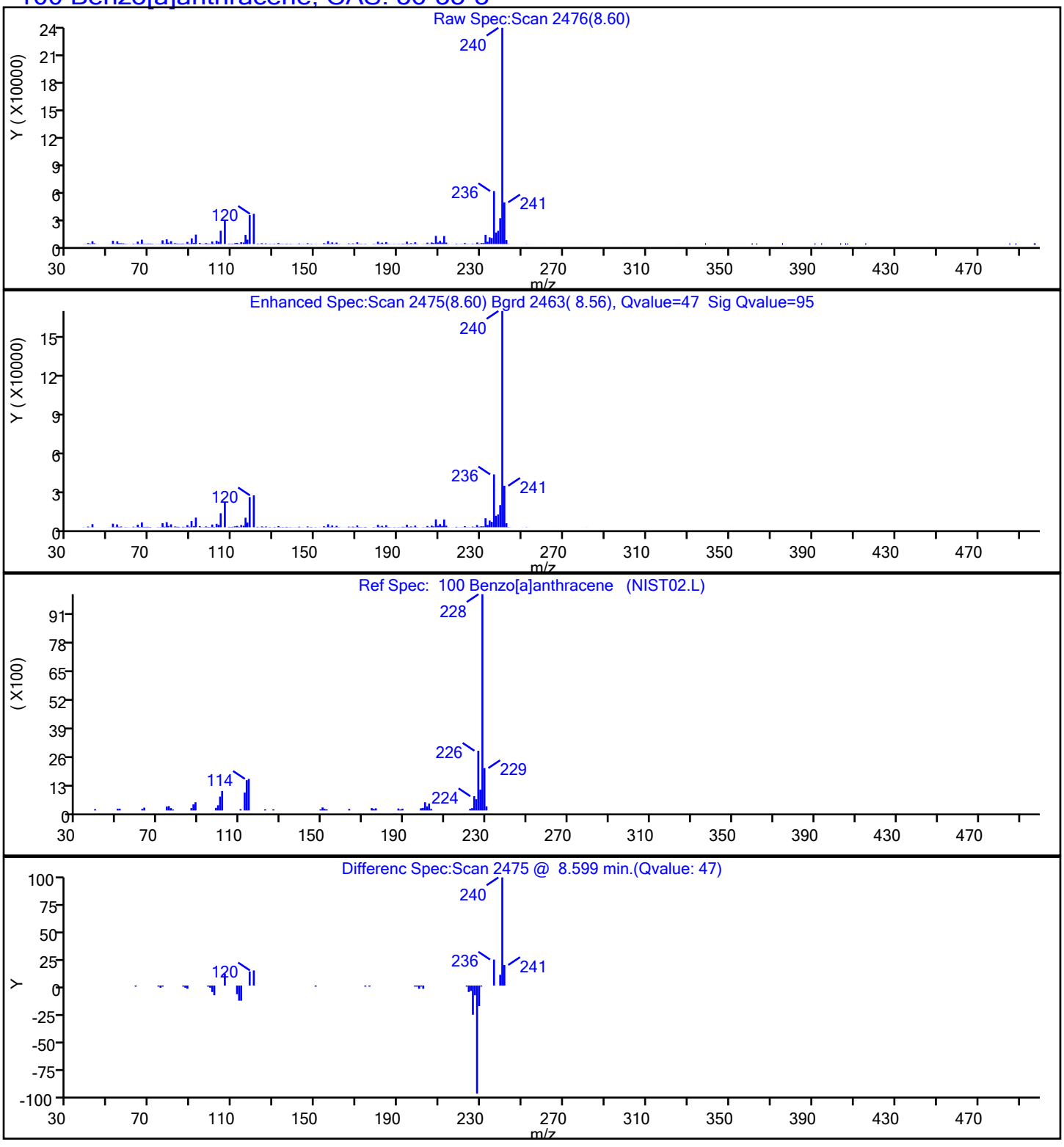
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522819.D				
Injection Date:	30-Apr-2021 00:13:32	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-2-B	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

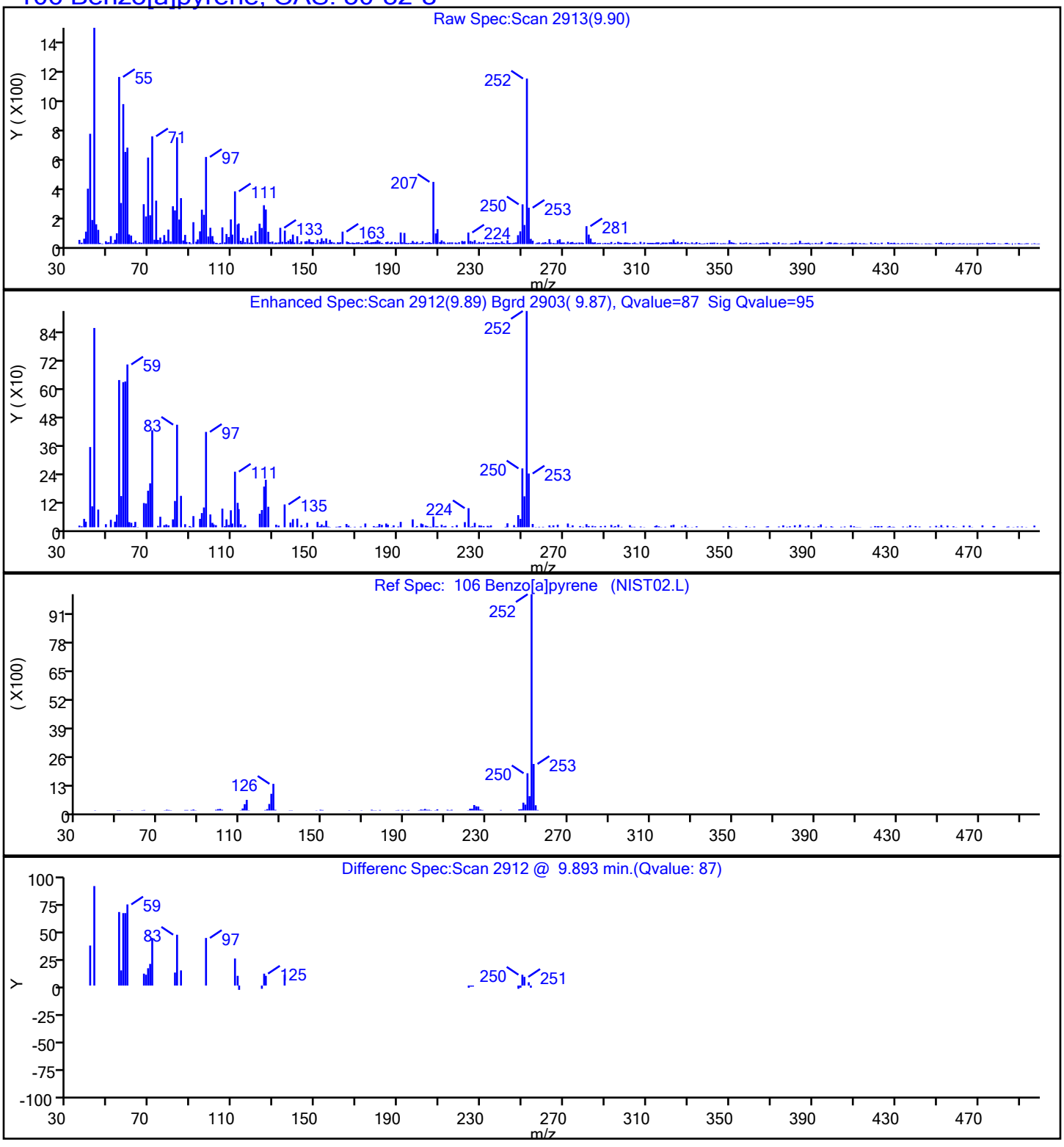
100 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522819.D				
Injection Date:	30-Apr-2021 00:13:32	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-2-B	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

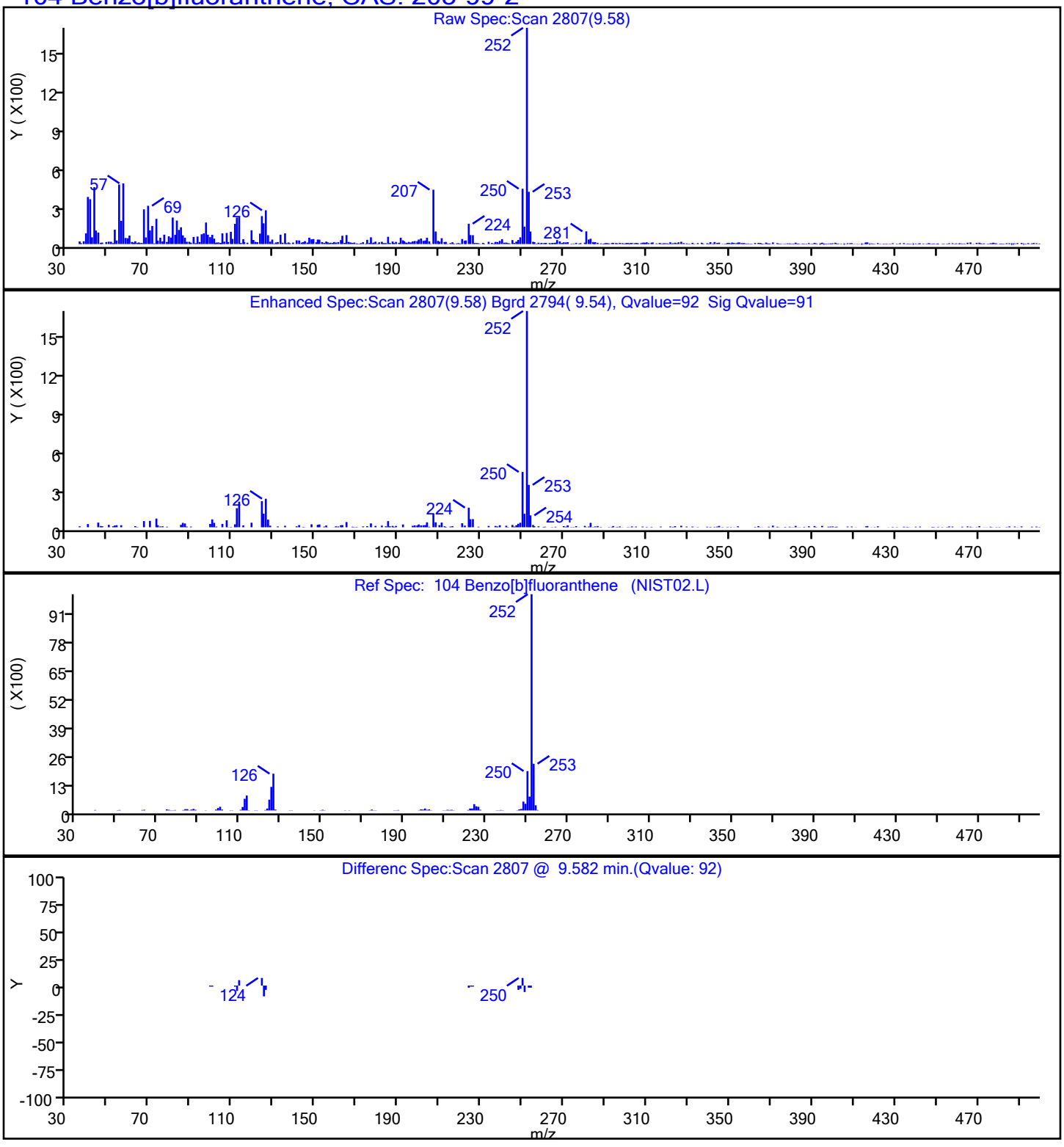
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522819.D				
Injection Date:	30-Apr-2021 00:13:32	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-2-B	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

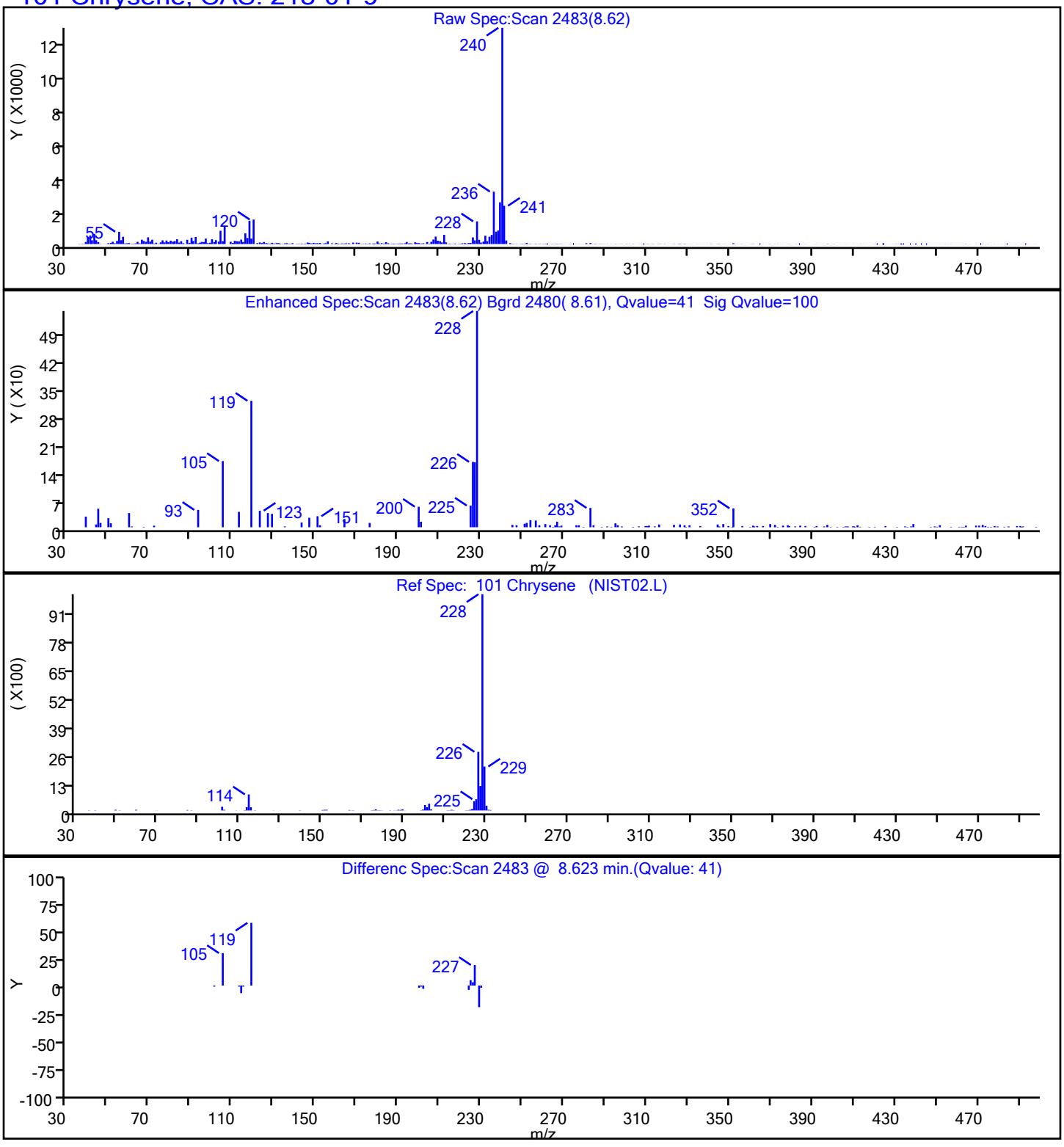
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522819.D				
Injection Date:	30-Apr-2021 00:13:32	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-2-B	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

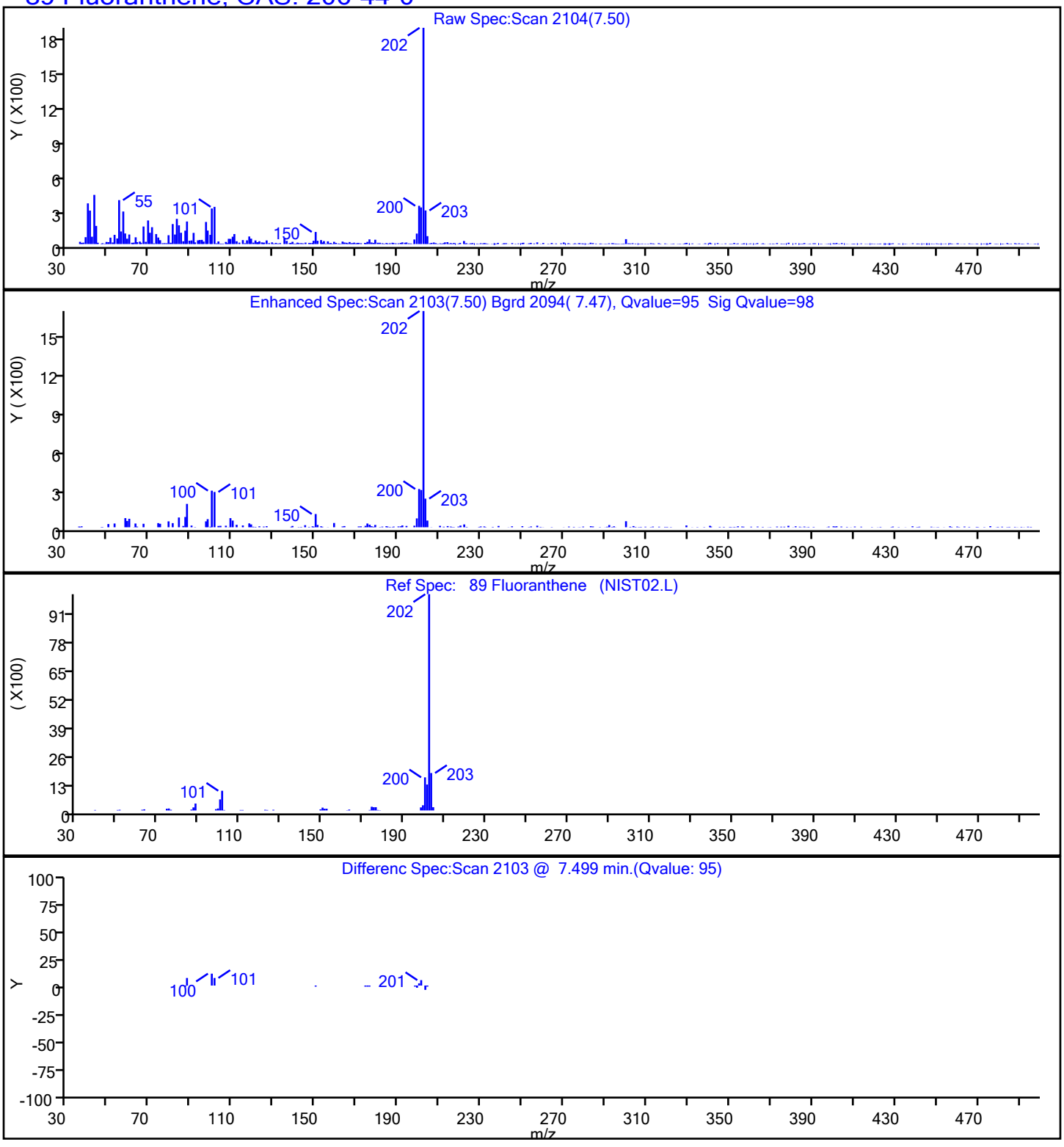
101 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522819.D				
Injection Date:	30-Apr-2021 00:13:32	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-2-B	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Fluoranthene, CAS: 206-44-0



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

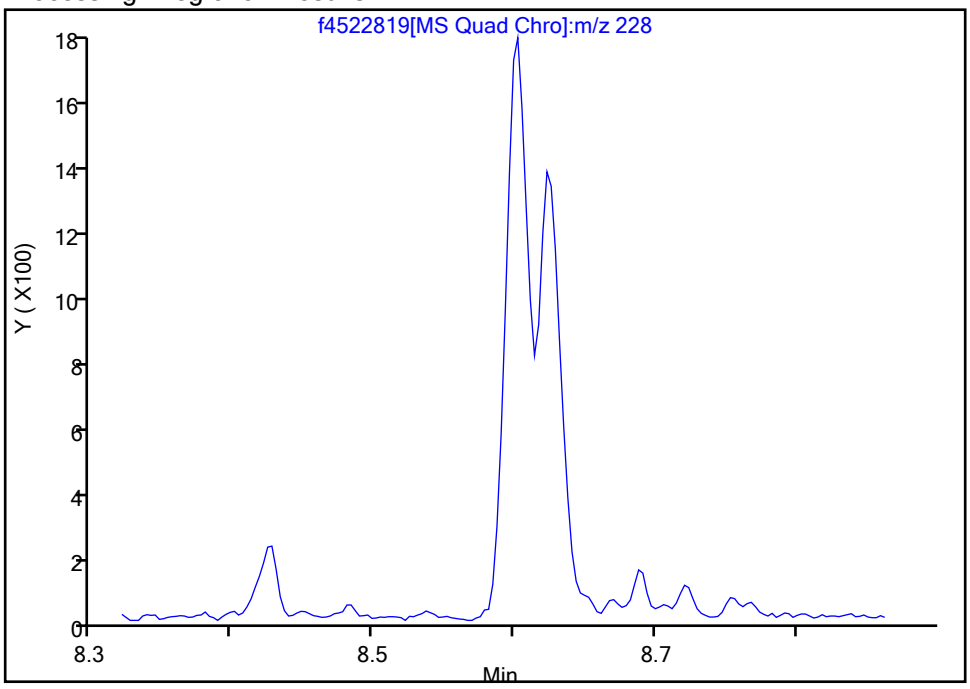
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522819.D				
Injection Date:	30-Apr-2021 00:13:32	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-2-B	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

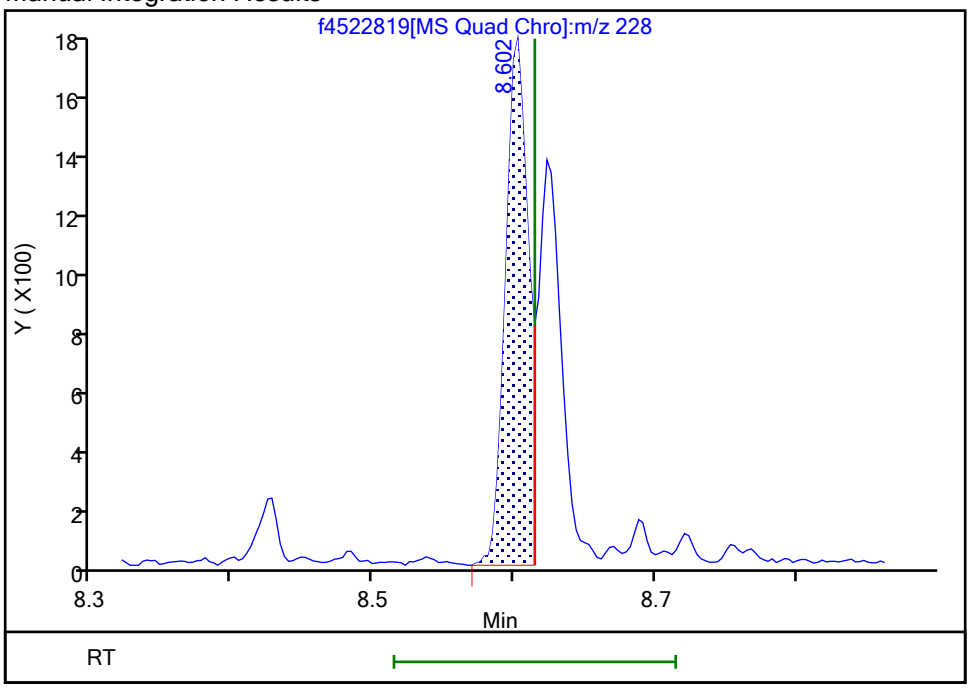
Not Detected
Expected RT: 8.61

Processing Integration Results



Manual Integration Results

RT: 8.60
Area: 1993
Amount: 0.230149
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-Apr-2021 15:12:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

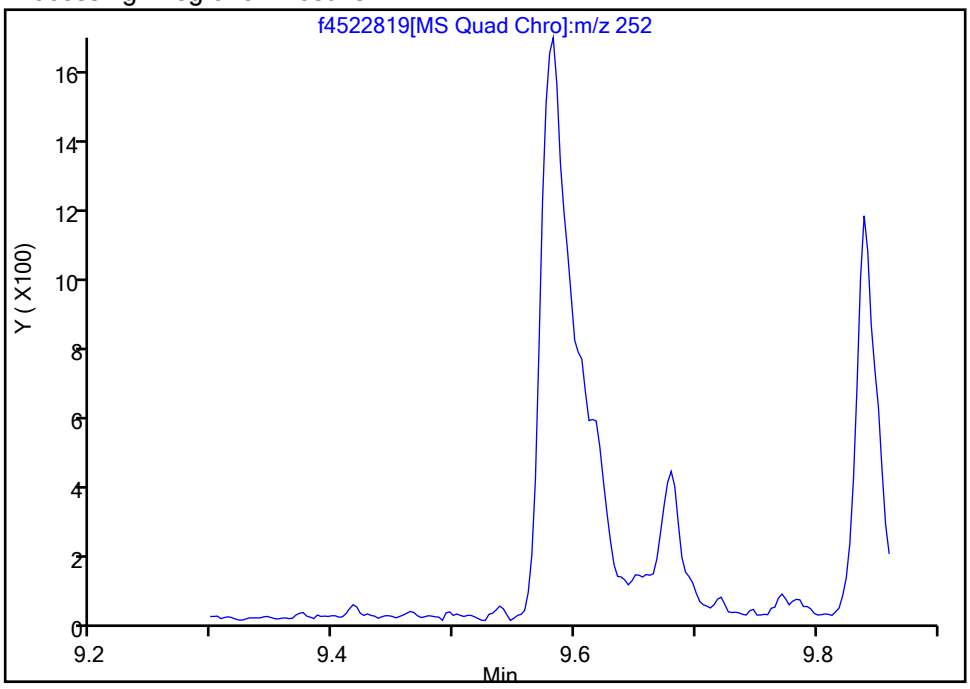
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522819.D				
Injection Date:	30-Apr-2021 00:13:32	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-2-B	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

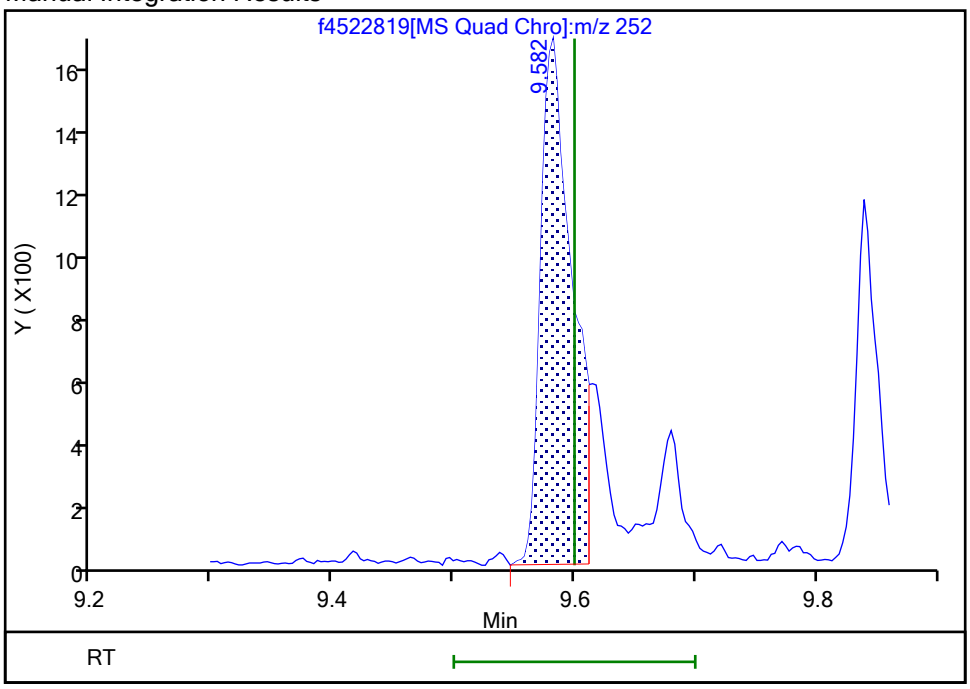
Not Detected
Expected RT: 9.60

Processing Integration Results



Manual Integration Results

RT: 9.58
Area: 2961
Amount: 0.390884
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Apr-2021 09:38:46
Audit Action: Manually Integrated Audit Reason: Missed Peak

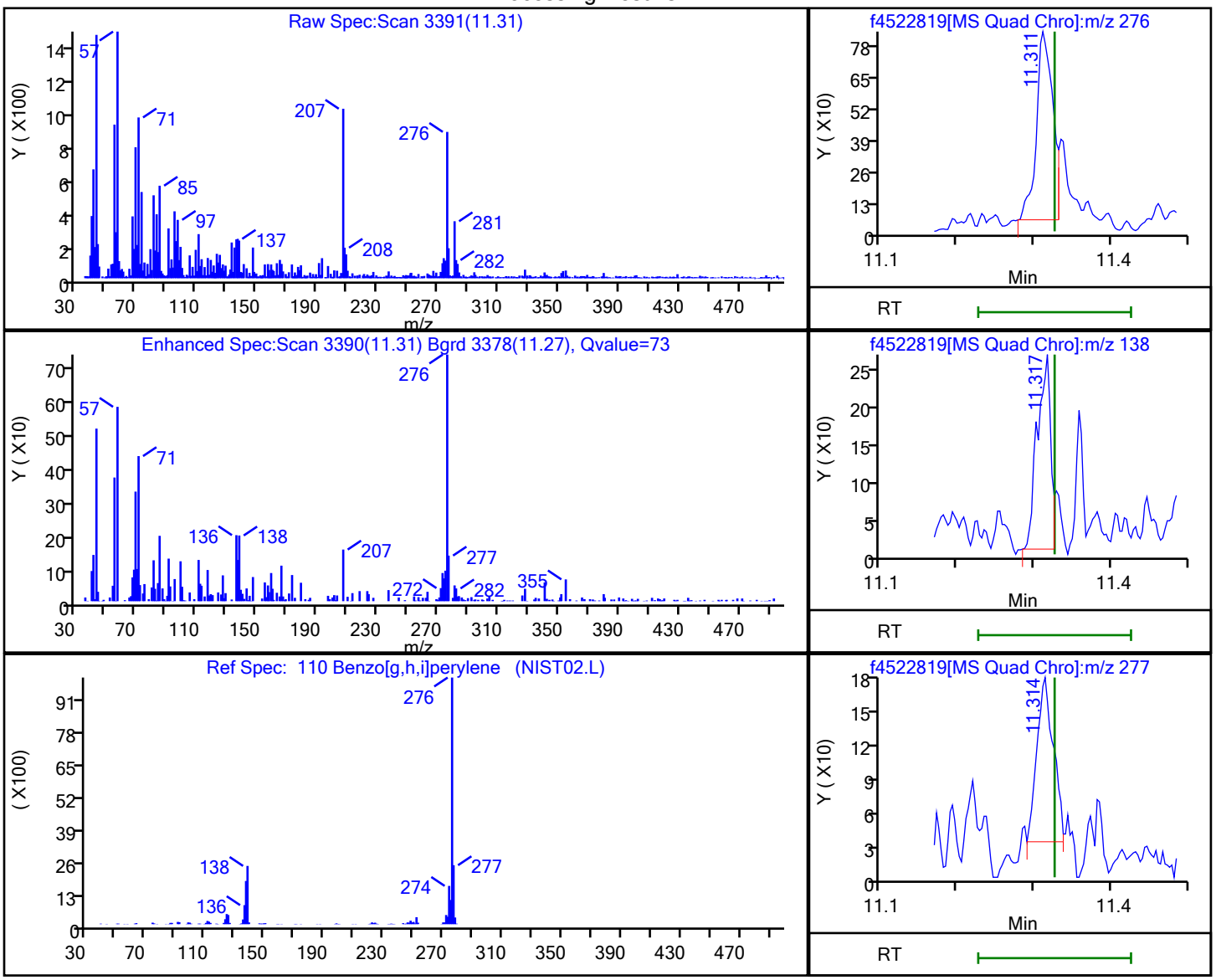
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522819.D				
Injection Date:	30-Apr-2021 00:13:32	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-2-B	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Benzo[g,h,i]perylene, CAS: 191-24-2

Processing Results



RT	Mass	Response	Amount
11.31	276.00	1173	0.143249
11.32	138.00	318	
11.31	277.00	221	

Reviewer: johnstonm1, 30-Apr-2021 09:38:54

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

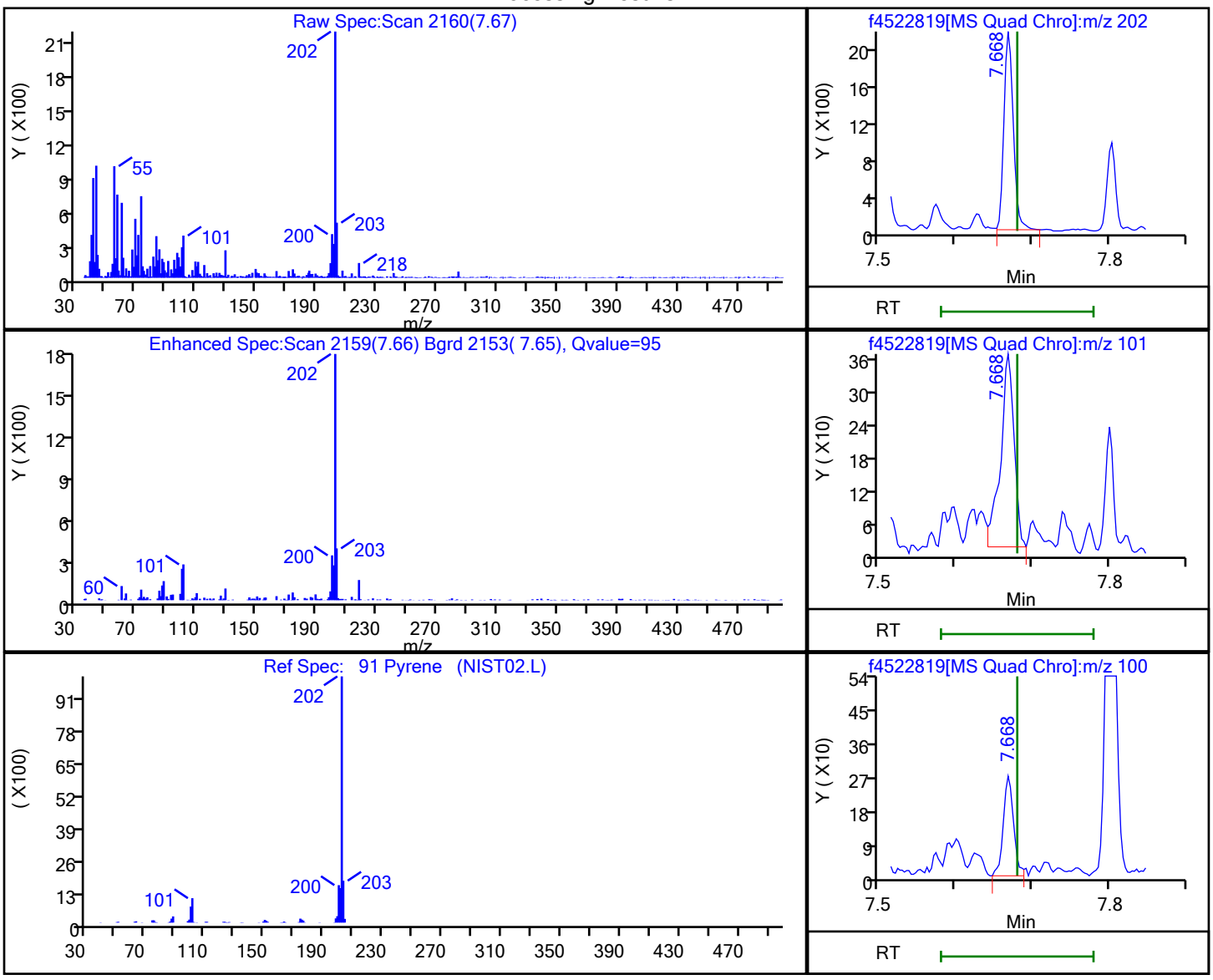
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522819.D				
Injection Date:	30-Apr-2021 00:13:32	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-2-B	Lab Sample ID:	460-233032-2		
Client ID:	SB-01_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Pyrene, CAS: 129-00-0

Processing Results



RT	Mass	Response	Amount
7.67	202.00	1827	0.199754
7.67	101.00	440	
7.67	100.00	250	

Reviewer: johnstonm1, 30-Apr-2021 09:38:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-02_0-2_20210427 Lab Sample ID: 460-233032-3

Matrix: Solid Lab File ID: f4522827.D

Analysis Method: 8270E Date Collected: 04/27/2021 09:40

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 02:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 26.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.045	U	0.045	0.012
95-50-1	1,2-Dichlorobenzene	0.45	U	0.45	0.0077
541-73-1	1,3-Dichlorobenzene	0.45	U	0.45	0.0060
106-46-7	1,4-Dichlorobenzene	0.45	U	0.45	0.017
108-60-1	2,2'-oxybis[1-chloropropane]	0.45	U	0.45	0.0081
121-14-2	2,4-Dinitrotoluene	0.091	U	0.091	0.048
606-20-2	2,6-Dinitrotoluene	0.091	U	0.091	0.032
91-58-7	2-Chloronaphthalene	0.45	U	0.45	0.021
91-57-6	2-Methylnaphthalene	0.45	U	0.45	0.013
88-74-4	2-Nitroaniline	0.45	U	0.45	0.017
91-94-1	3,3'-Dichlorobenzidine	0.18	U	0.18	0.068
99-09-2	3-Nitroaniline	0.45	U	0.45	0.051
101-55-3	4-Bromophenyl phenyl ether	0.45	U	0.45	0.018
106-47-8	4-Chloroaniline	0.45	U	0.45	0.080
7005-72-3	4-Chlorophenyl phenyl ether	0.45	U	0.45	0.016
100-01-6	4-Nitroaniline	0.45	U	0.45	0.052
83-32-9	Acenaphthene	0.45	U	0.45	0.013
208-96-8	Acenaphthylene	0.013	J	0.45	0.0045
120-12-7	Anthracene	0.024	J	0.45	0.014
56-55-3	Benzo[a]anthracene	0.092		0.045	0.016
50-32-8	Benzo[a]pyrene	0.090		0.045	0.012
205-99-2	Benzo[b]fluoranthene	0.13		0.045	0.012
191-24-2	Benzo[g,h,i]perylene	0.064	J	0.45	0.013
207-08-9	Benzo[k]fluoranthene	0.049		0.045	0.0088
111-91-1	Bis(2-chloroethoxy)methane	0.45	U	0.45	0.035
111-44-4	Bis(2-chloroethyl)ether	0.045	U	0.045	0.016
117-81-7	Bis(2-ethylhexyl) phthalate	0.095	J	0.45	0.024
85-68-7	Butyl benzyl phthalate	0.45	U	0.45	0.021
86-74-8	Carbazole	0.45	U	0.45	0.017
218-01-9	Chrysene	0.083	J	0.45	0.0076
53-70-3	Dibenz(a,h)anthracene	0.045	U	0.045	0.019
132-64-9	Dibenzofuran	0.45	U	0.45	0.0063
84-66-2	Diethyl phthalate	0.45	U	0.45	0.0065
131-11-3	Dimethyl phthalate	0.45	U	0.45	0.10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-02_0-2_20210427 Lab Sample ID: 460-233032-3

Matrix: Solid Lab File ID: f4522827.D

Analysis Method: 8270E Date Collected: 04/27/2021 09:40

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 02:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 26.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.45	U	0.45	0.017
117-84-0	Di-n-octyl phthalate	0.45	U	0.45	0.024
206-44-0	Fluoranthene	0.17	J	0.45	0.016
86-73-7	Fluorene	0.45	U	0.45	0.0061
118-74-1	Hexachlorobenzene	0.045	U	0.045	0.021
87-68-3	Hexachlorobutadiene	0.091	U	0.091	0.0095
77-47-4	Hexachlorocyclopentadiene	0.45	U	0.45	0.039
67-72-1	Hexachloroethane	0.045	U	0.045	0.015
193-39-5	Indeno[1,2,3-cd]pyrene	0.068		0.045	0.018
78-59-1	Isophorone	0.18	U	0.18	0.13
91-20-3	Naphthalene	0.45	U	0.45	0.0078
98-95-3	Nitrobenzene	0.045	U	0.045	0.011
621-64-7	N-Nitrosodi-n-propylamine	0.045	U	0.045	0.033
86-30-6	N-Nitrosodiphenylamine	0.45	U	0.45	0.037
85-01-8	Phenanthrene	0.11	J	0.45	0.0079
129-00-0	Pyrene	0.14	J	0.45	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	46		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	44		11-104
1718-51-0	Terphenyl-d14 (Surr)	62		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522827.D
Lims ID: 460-233032-E-3-B
Client ID: SB-02_0-2_20210427
Sample Type: Client
Inject. Date: 30-Apr-2021 02:31:31 ALS Bottle#: 0 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127851-019
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 09:40:50 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: khlungprakhons Date: 30-Apr-2021 15:41:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	3.161	3.173	-0.012	97	80710	40.0	
$ 26 Nitrobenzene-d5	82	3.580	3.591	-0.016	93	90368	22.0	
* 36 Naphthalene-d8	136	4.135	4.145	-0.010	99	310660	40.0	
$ 50 2-Fluorobiphenyl	172	4.979	4.982	-0.009	96	142557	22.9	
59 Acenaphthylene	152	5.374	5.375	-0.007	92	1164	0.1431	
* 61 Acenaphthene-d10	164	5.481	5.491	-0.010	97	164597	40.0	
* 83 Phenanthrene-d10	188	6.597	6.606	-0.009	99	314462	40.0	
84 Phenanthrene	178	6.612	6.623	-0.014	86	10868	1.18	
85 Anthracene	178	6.654	6.661	-0.011	92	2532	0.2665	
87 Carbazole	167	6.790	6.789	-0.002	68	1083	0.1255	
89 Fluoranthene	202	7.502	7.510	-0.012	97	18844	1.89	
91 Pyrene	202	7.668	7.675	-0.012	94	16276	1.54	
$ 93 Terphenyl-d14	244	7.807	7.811	-0.009	98	237151	30.9	
100 Benzo[a]anthracene	228	8.603	8.610	-0.011	51	10225	1.02	
* 98 Chrysene-d12	240	8.609	8.623	-0.014	99	302159	40.0	
101 Chrysene	228	8.630	8.642	-0.017	70	9120	0.9131	
102 Bis(2-ethylhexyl) phthalate	149	8.675	8.681	-0.010	77	7862	1.05	
104 Benzo[b]fluoranthene	252	9.584	9.582	-0.016	96	12316	1.38	a
105 Benzo[k]fluoranthene	252	9.608	9.604	-0.018	1	5324	0.5389	Ma
106 Benzo[a]pyrene	252	9.898	9.913	-0.021	94	8055	1.00	
* 107 Perylene-d12	264	9.957	9.973	-0.016	98	327801	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.048	11.051	-0.014	94	6092	0.7478	
110 Benzo[g,h,i]perylene	276	11.306	11.307	-0.020	89	6763	0.7033	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

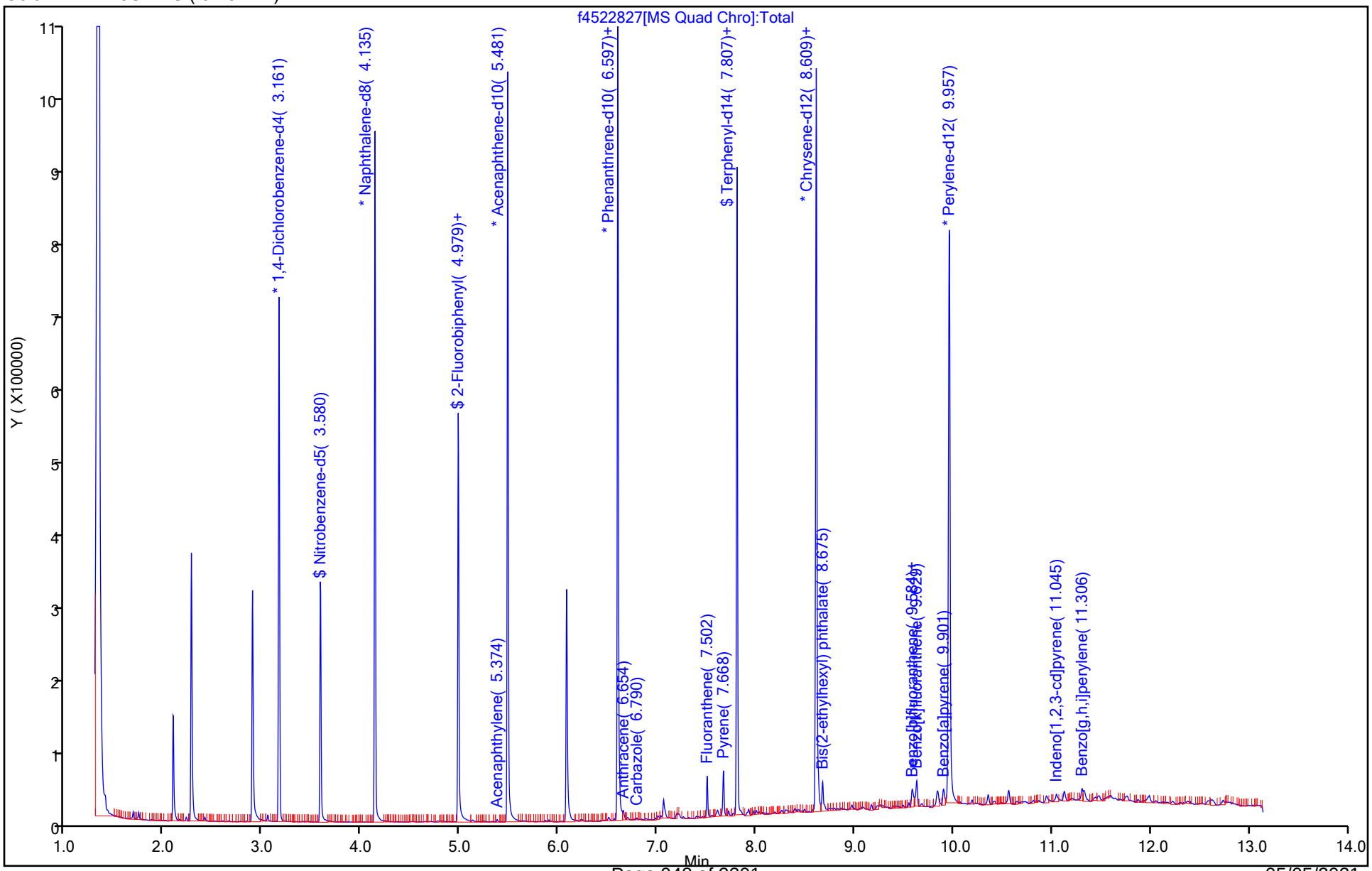
SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-Apr-2021 09:40:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522827.D				
Injection Date:	30-Apr-2021 02:31:31	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3	Worklist Smp#:	19
Client ID:	SB-02_0-2_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

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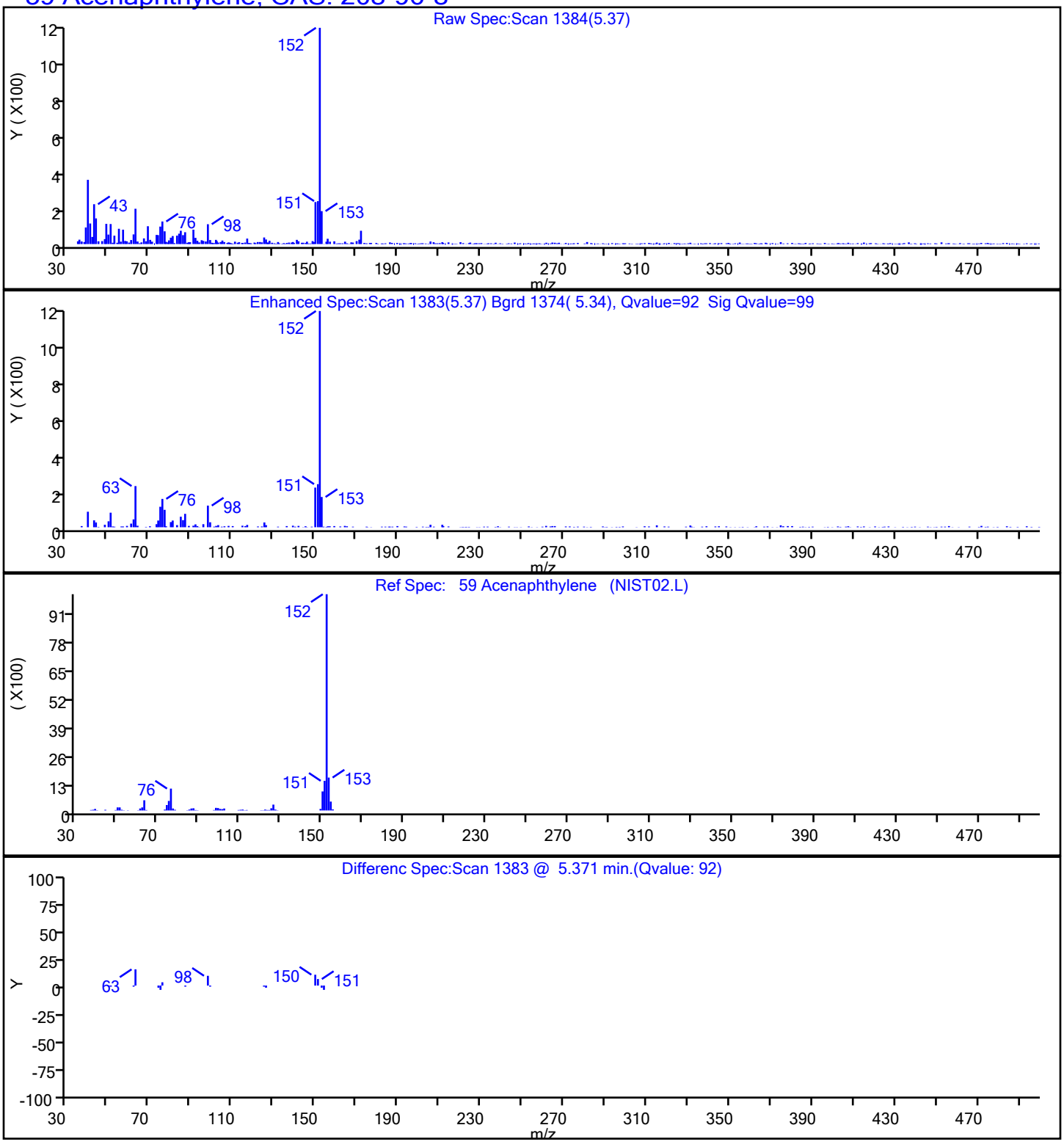
Injection Date:	30-Apr-2021 02:31:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3		
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522827.D				
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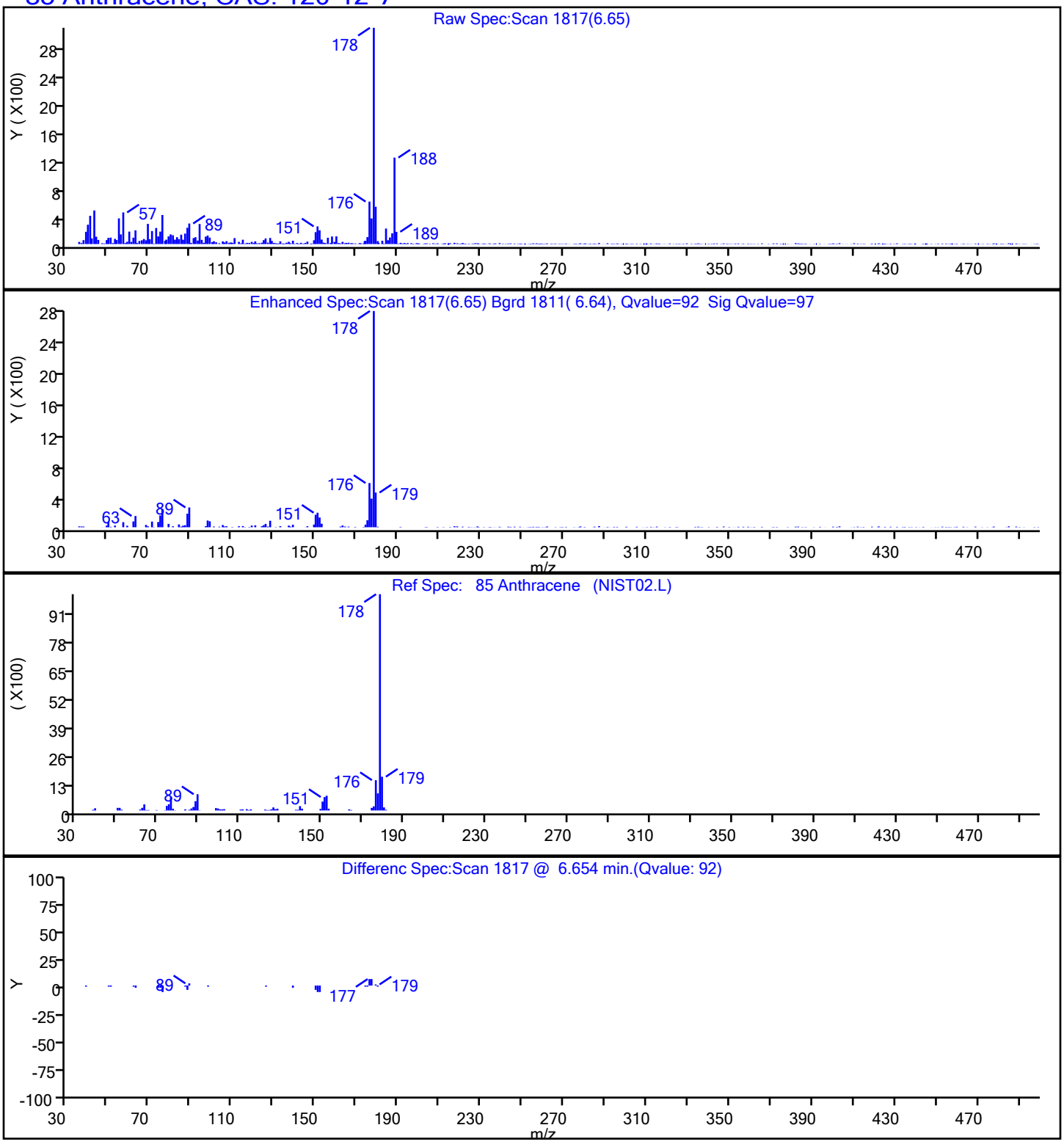
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3		
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

85 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

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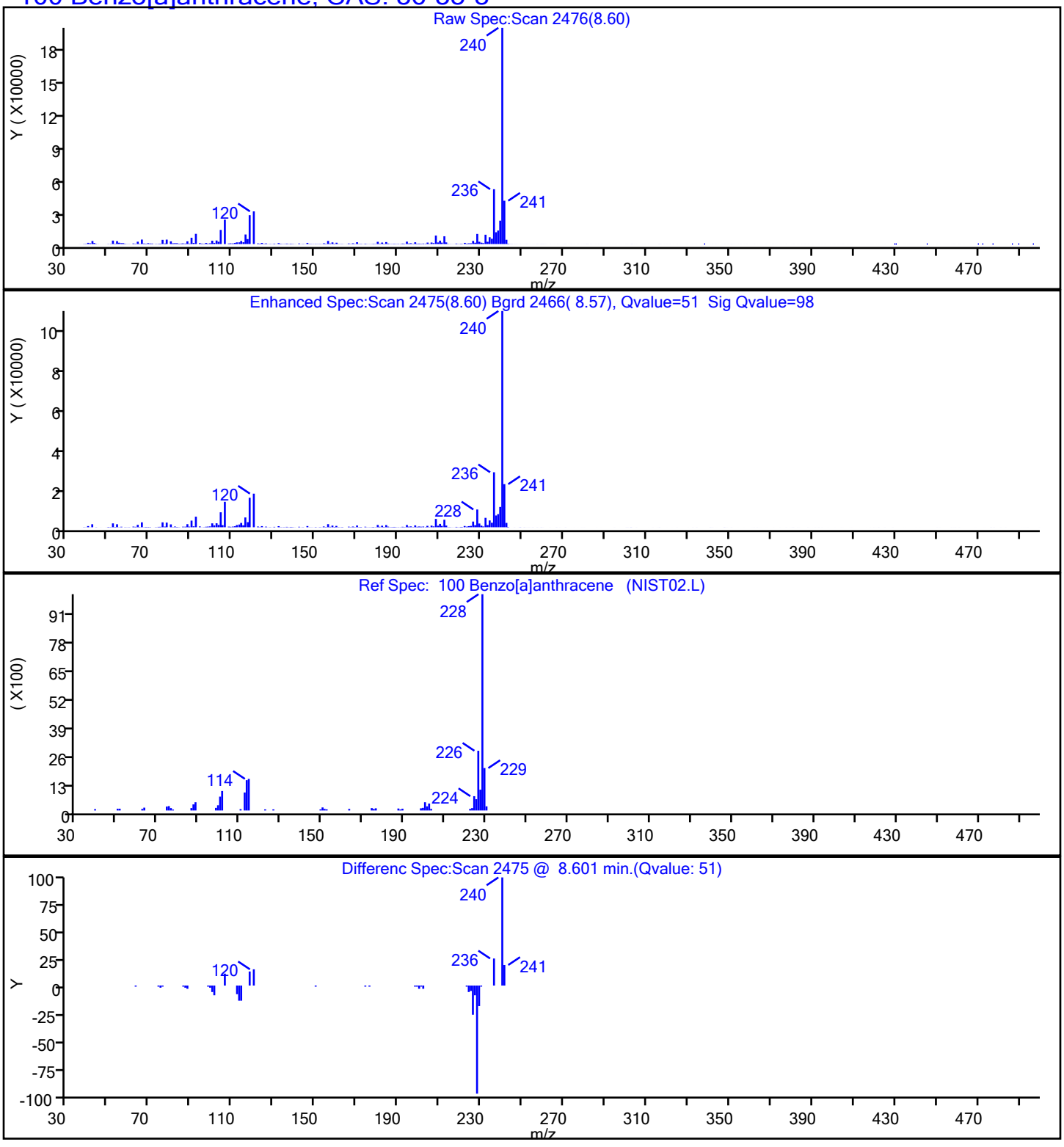
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3		
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

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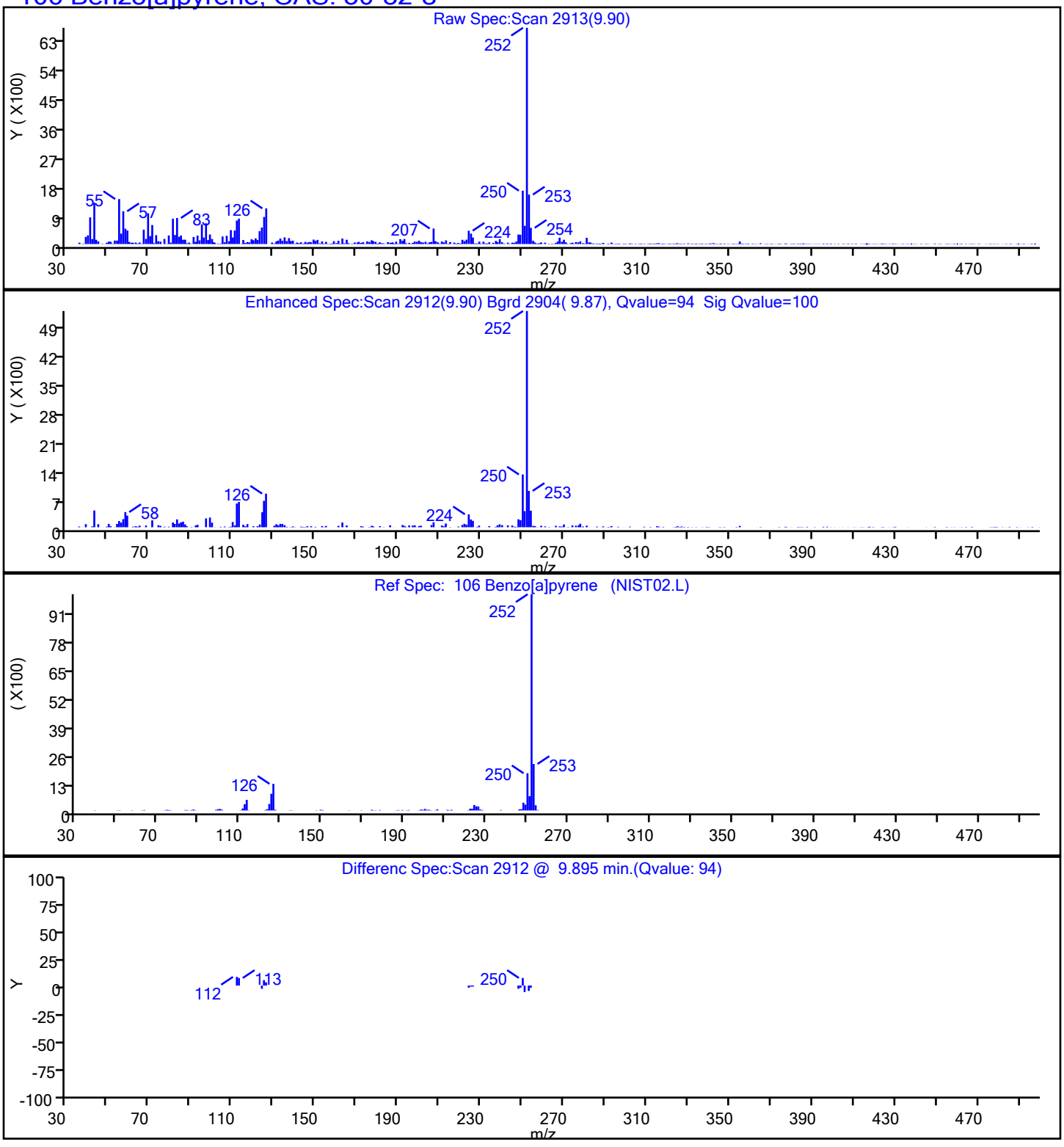
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3		
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

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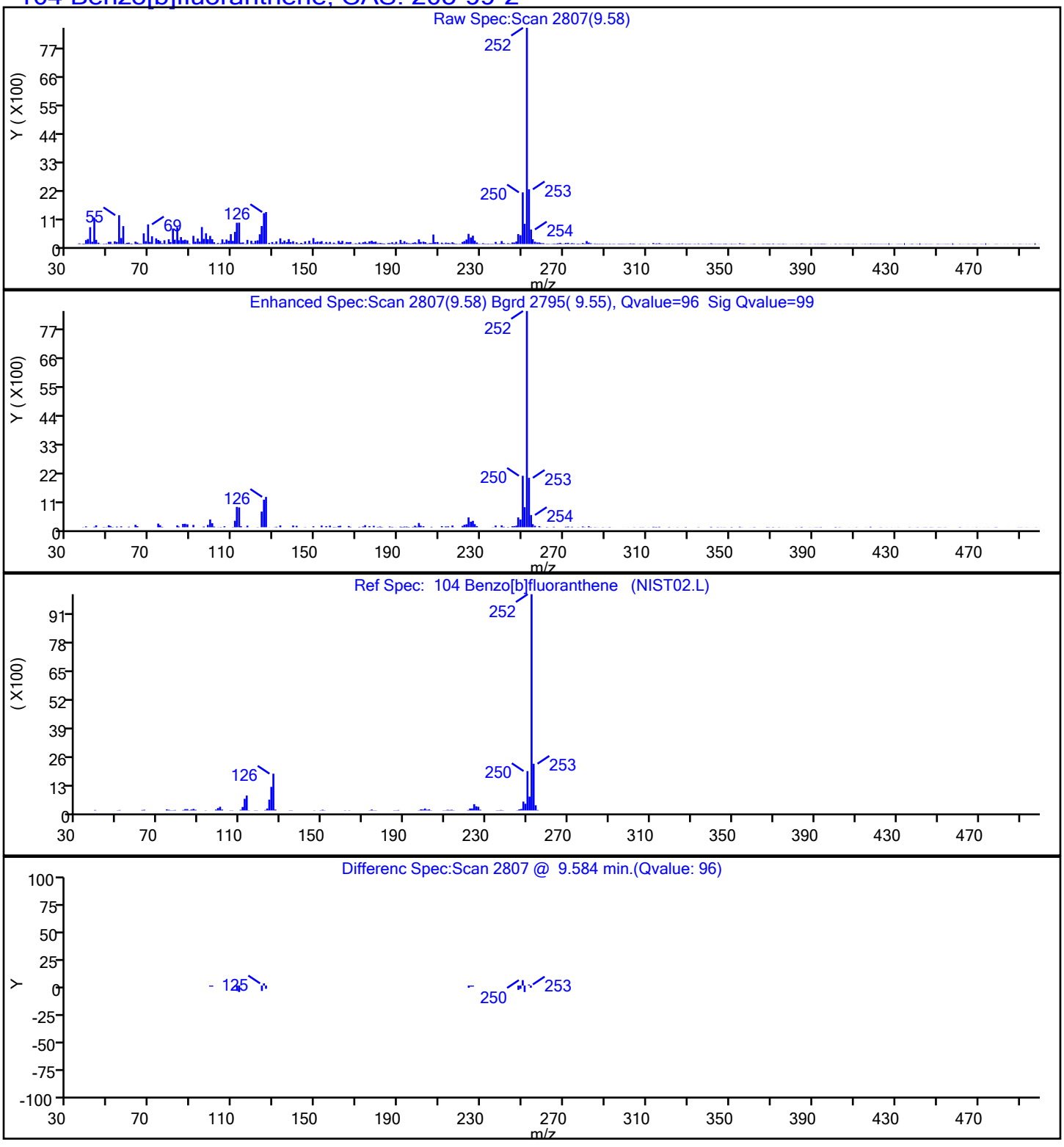
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3		
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

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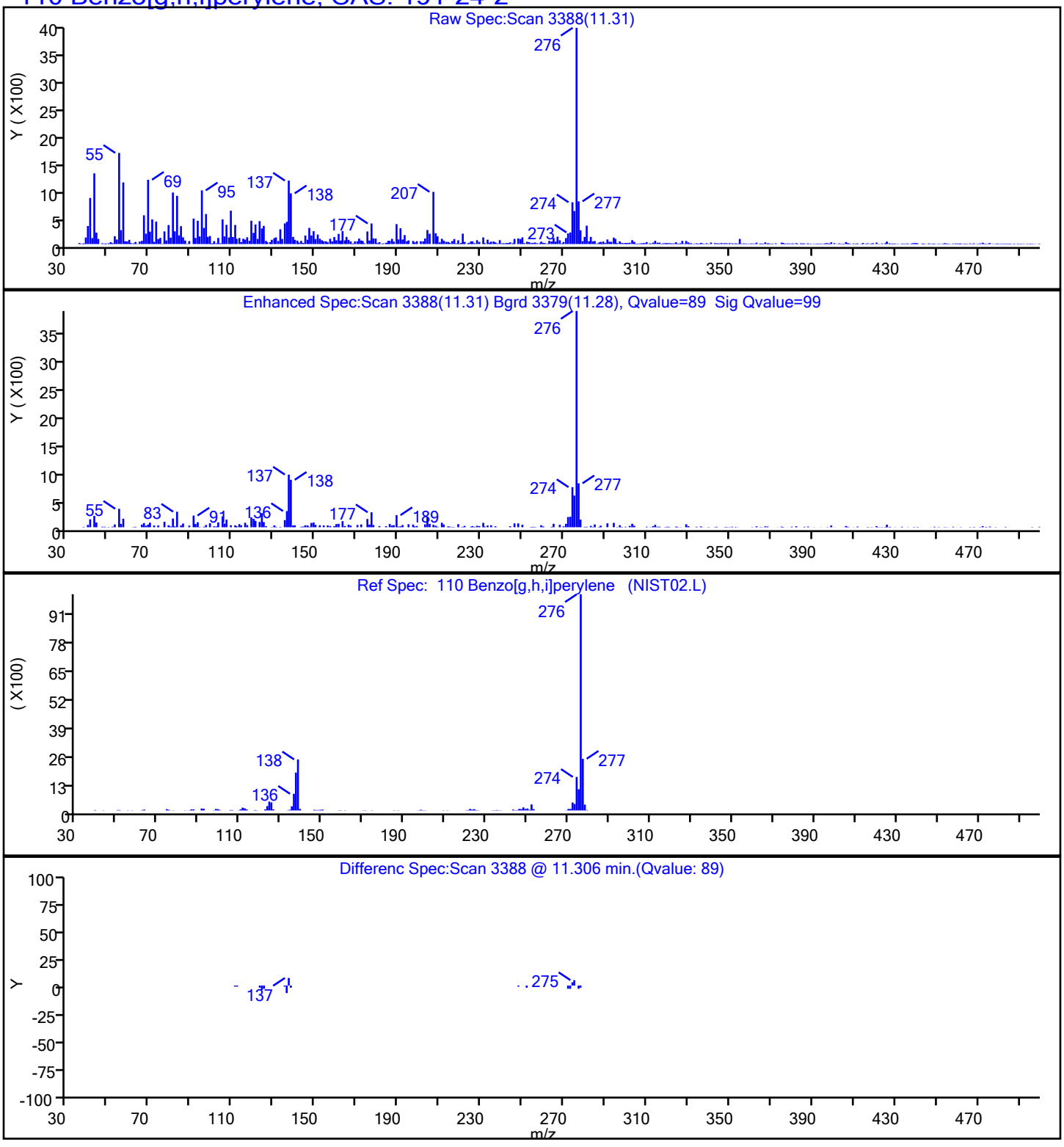
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3		
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

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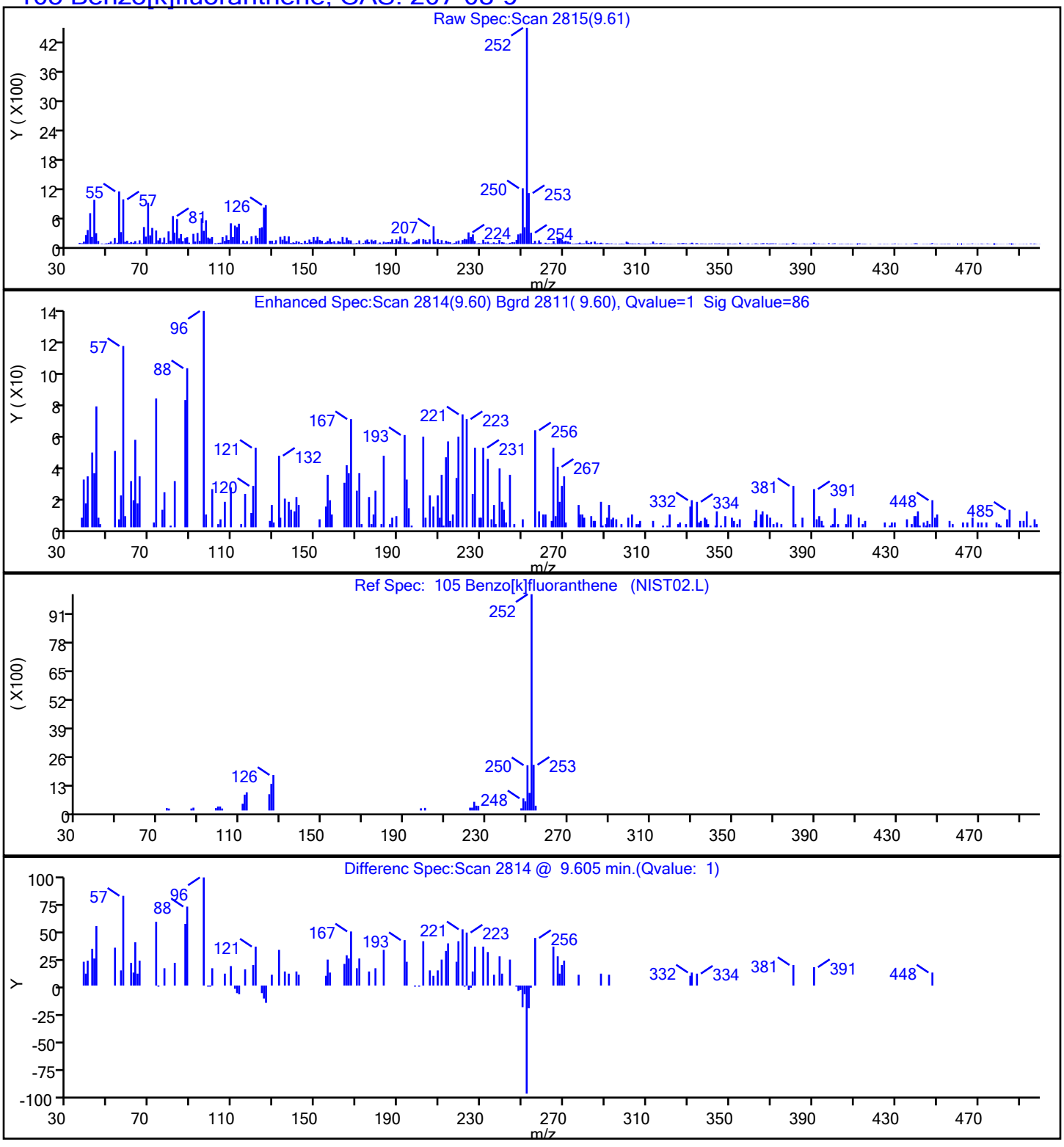
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3		
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

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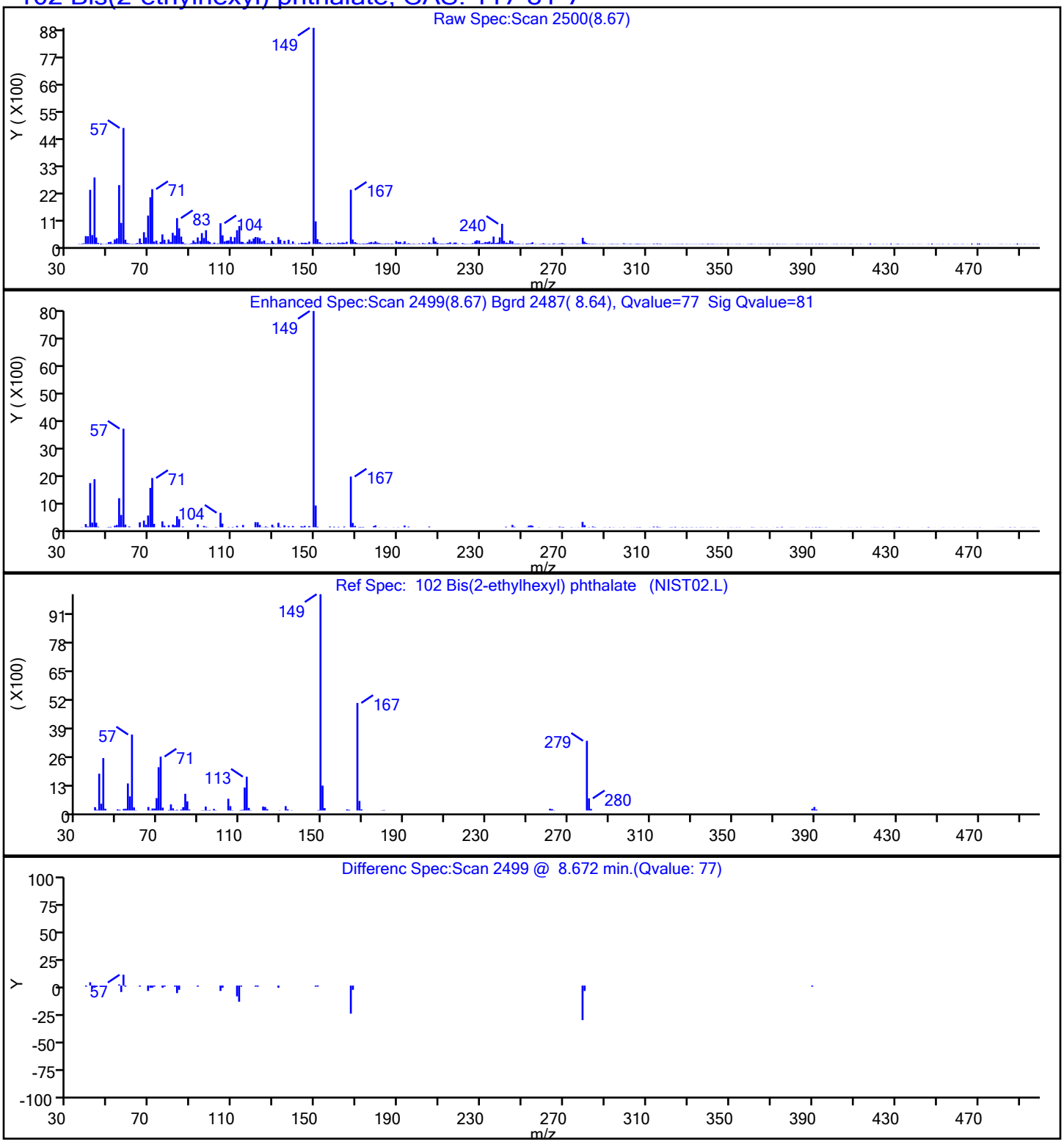
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

102 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



Eurofins TestAmerica, Edison

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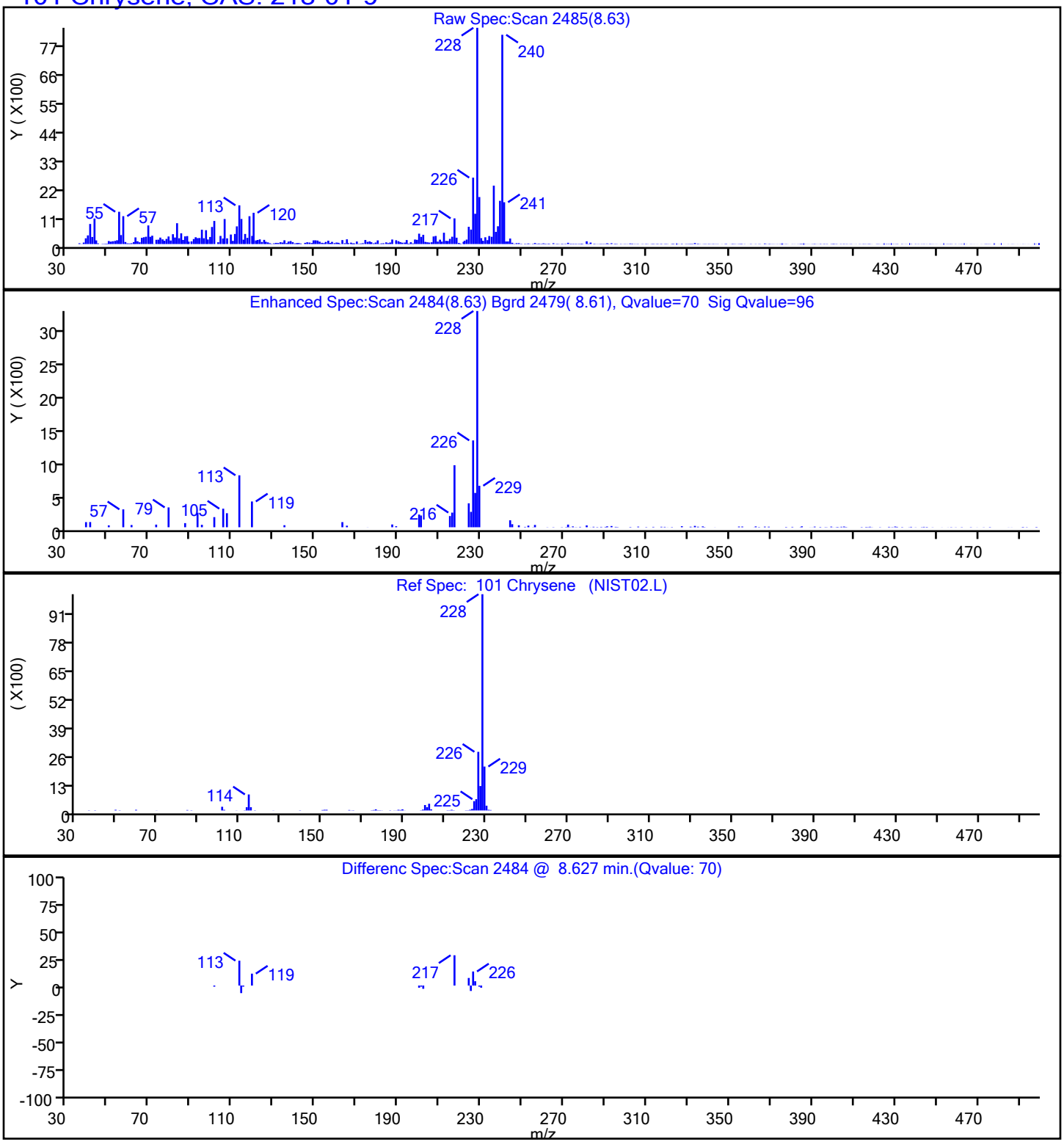
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3
Client ID:	SB-02_0-2_20210427		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

101 Chrysene, CAS: 218-01-9



Report Date: 30-Apr-2021 09:40:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

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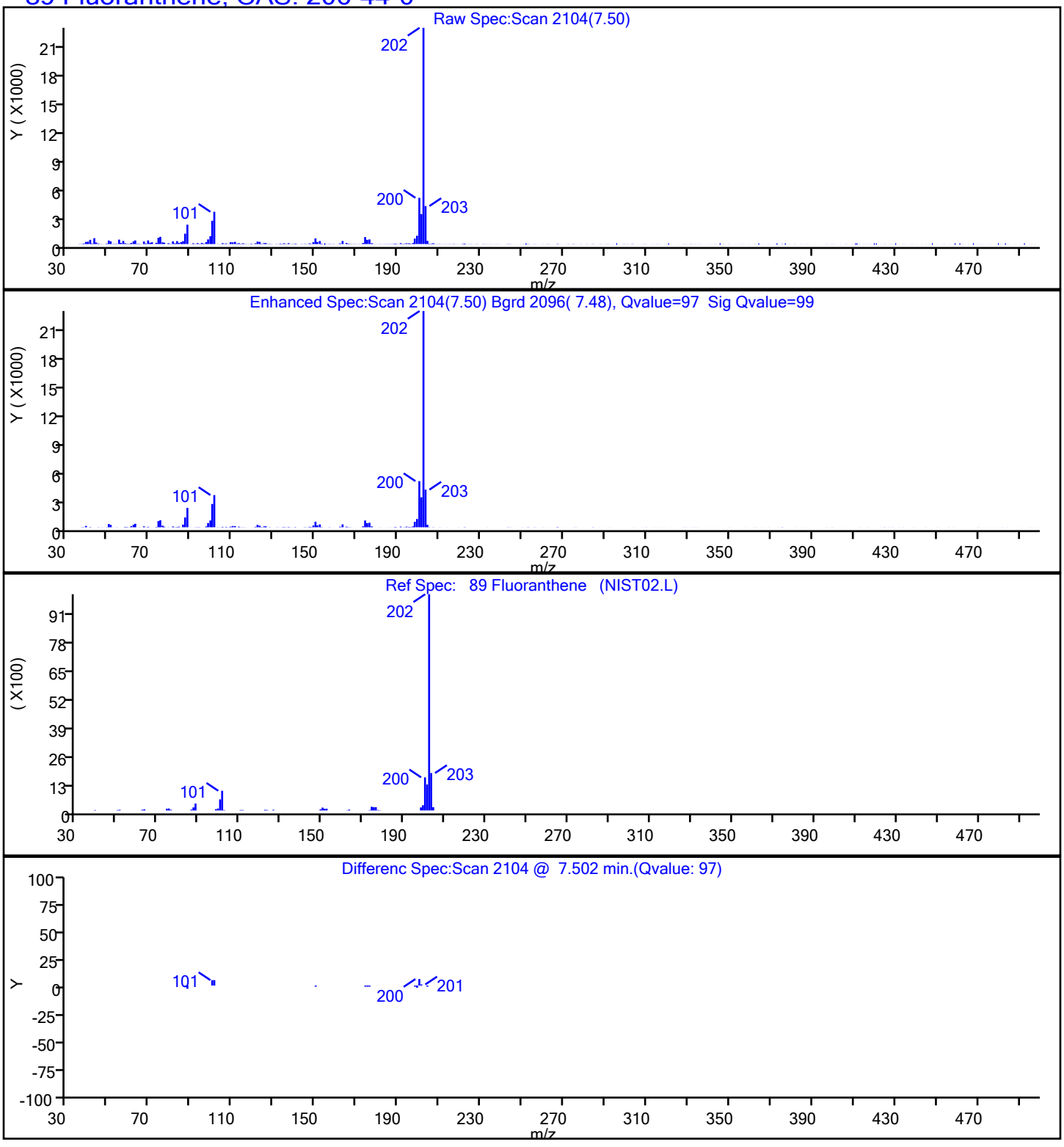
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

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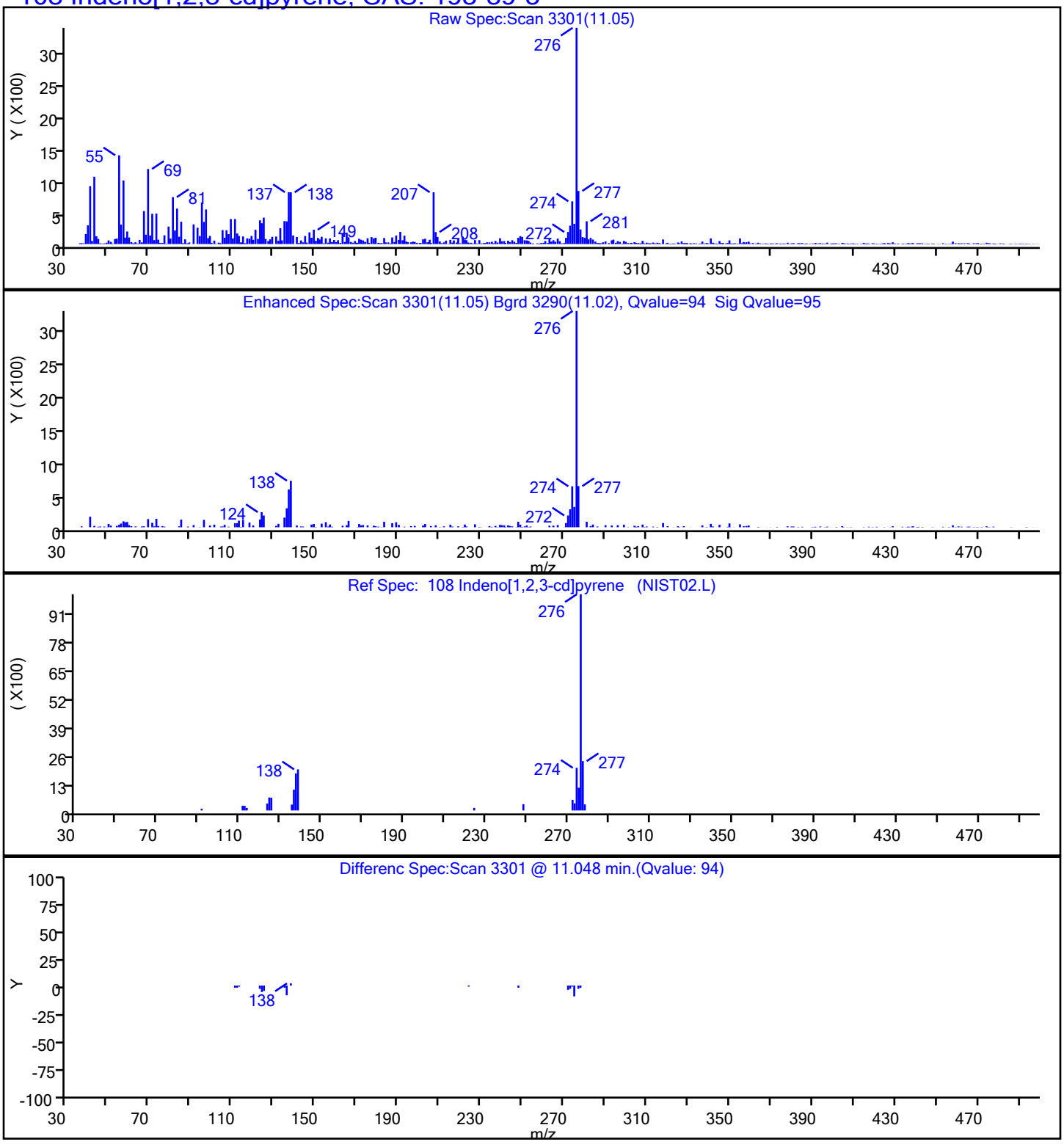
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3		
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522827.D				
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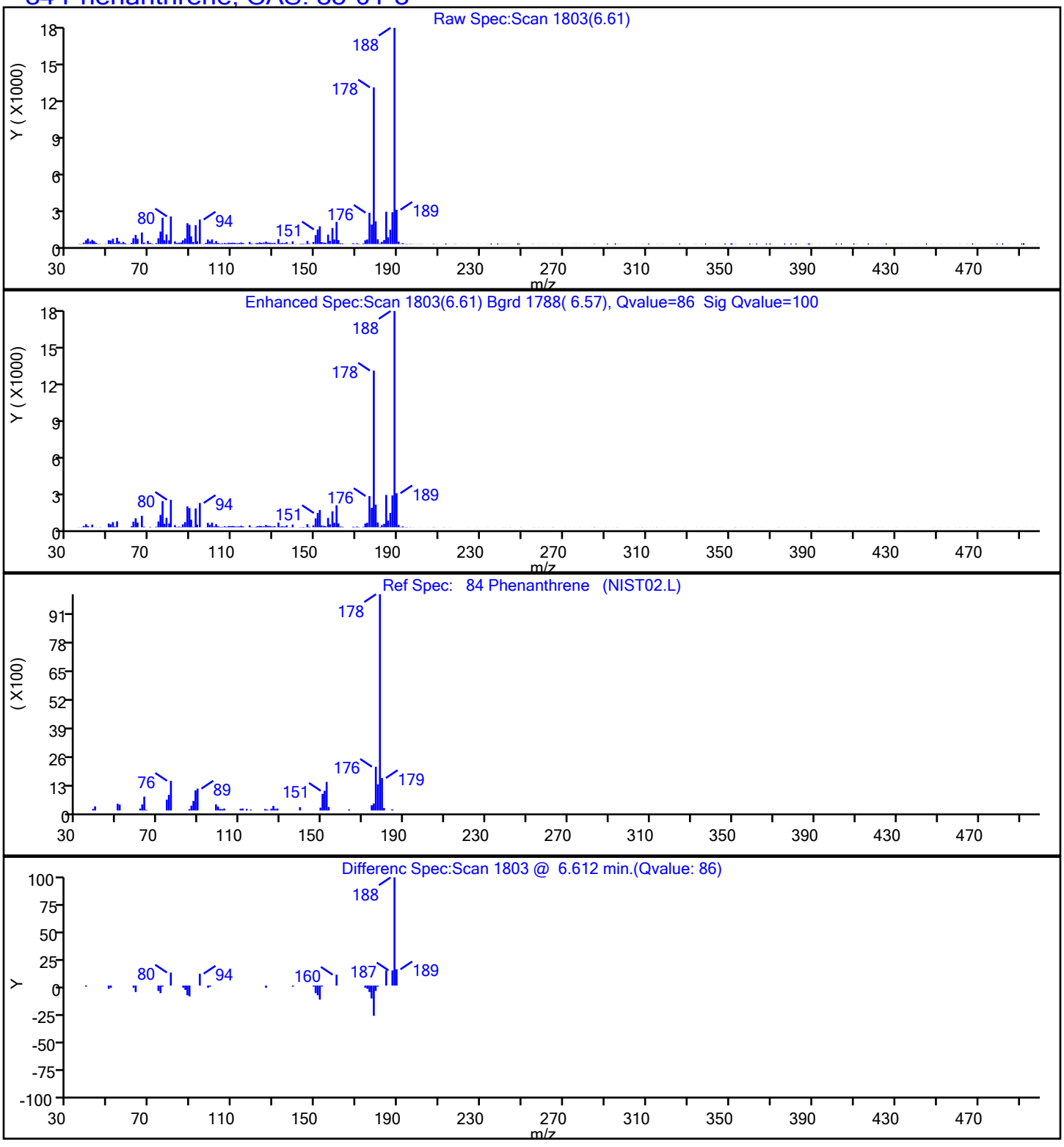
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8

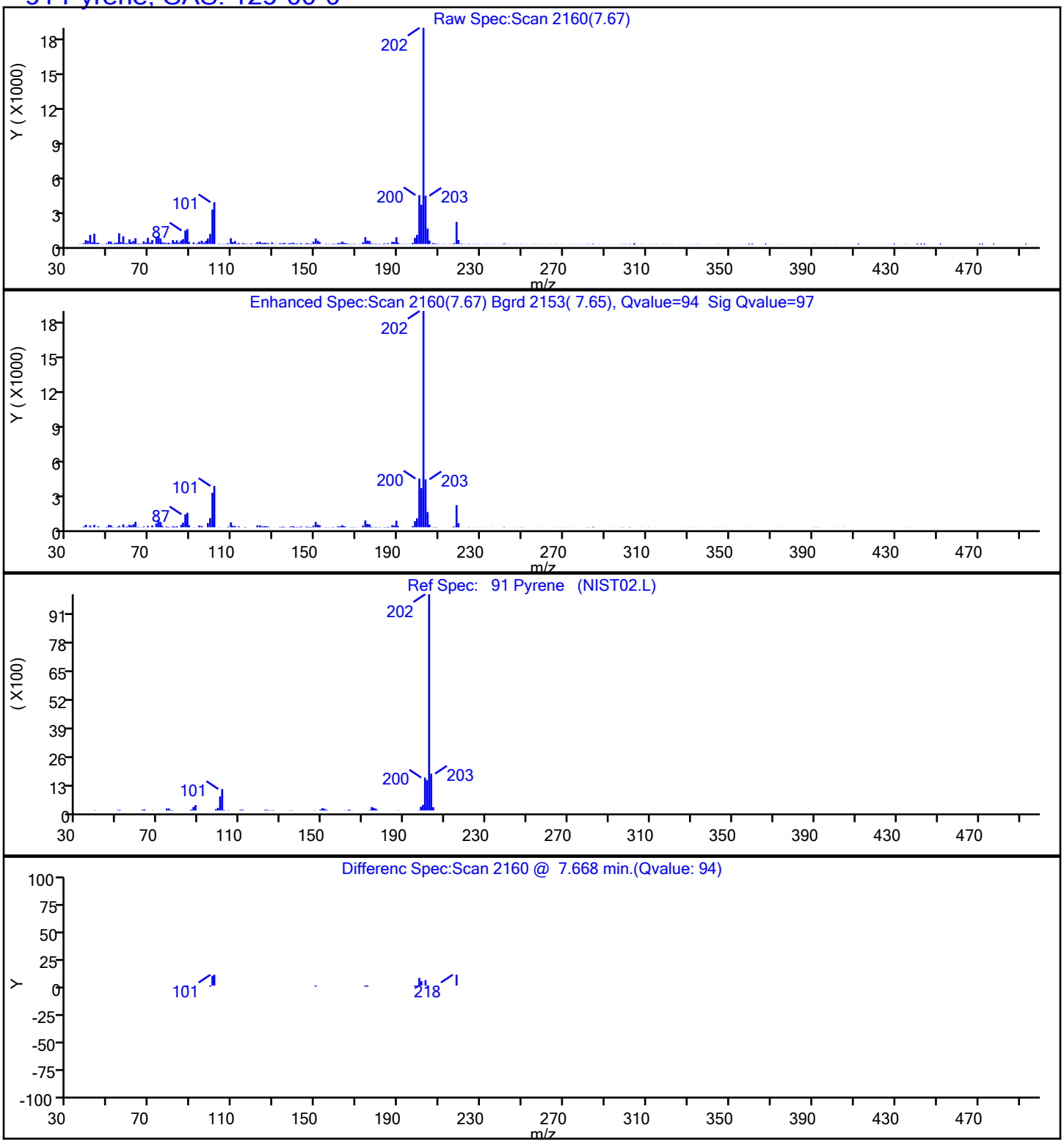


Report Date: 30-Apr-2021 09:40:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522827.D				
Injection Date:	30-Apr-2021 02:31:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3		
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Pyrene, CAS: 129-00-0



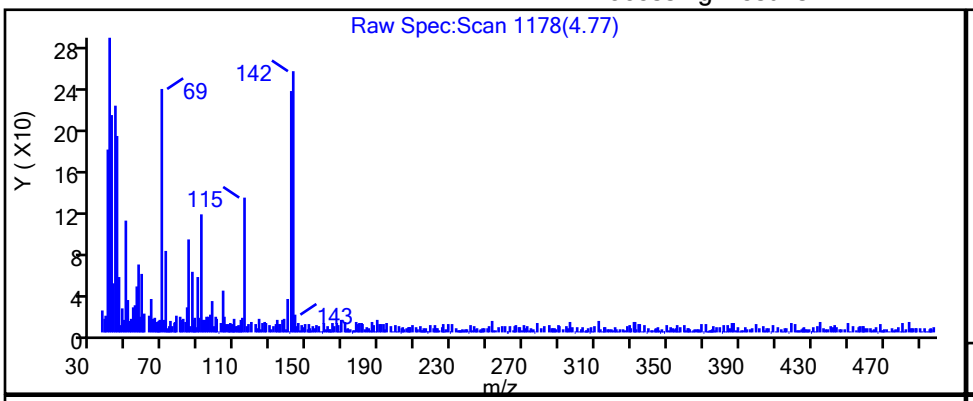
User Disabled Compound Report

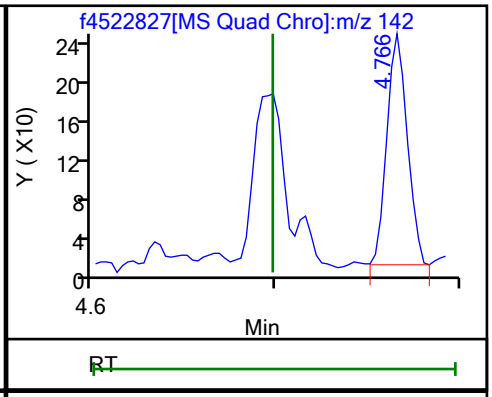
Eurofins TestAmerica, Edison

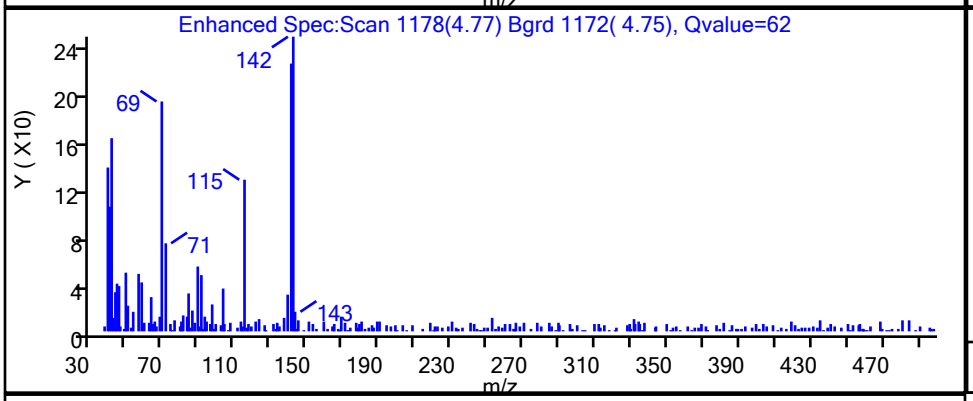
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522827.D				
Injection Date:	30-Apr-2021 02:31:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3		
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

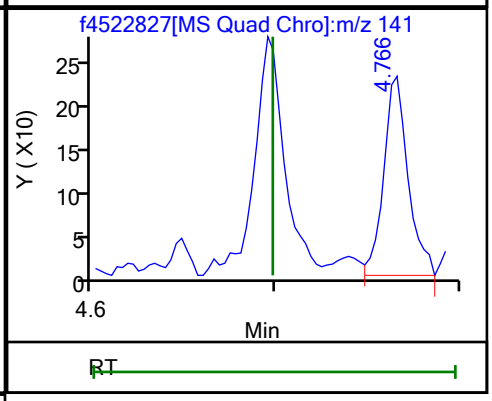
42 2-Methylnaphthalene, CAS: 91-57-6

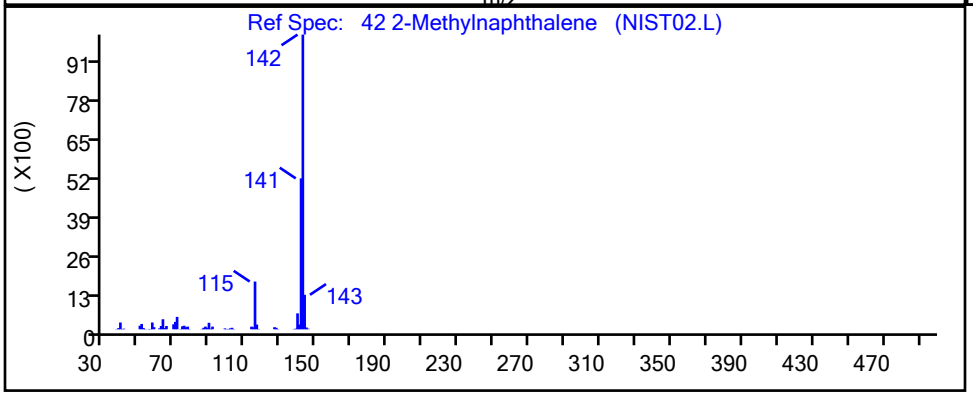
Processing Results











RT	Mass	Response	Amount
4.77	142.00	187	0.033076
4.77	141.00	215	

Reviewer: johnstonm1, 30-Apr-2021 09:40:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

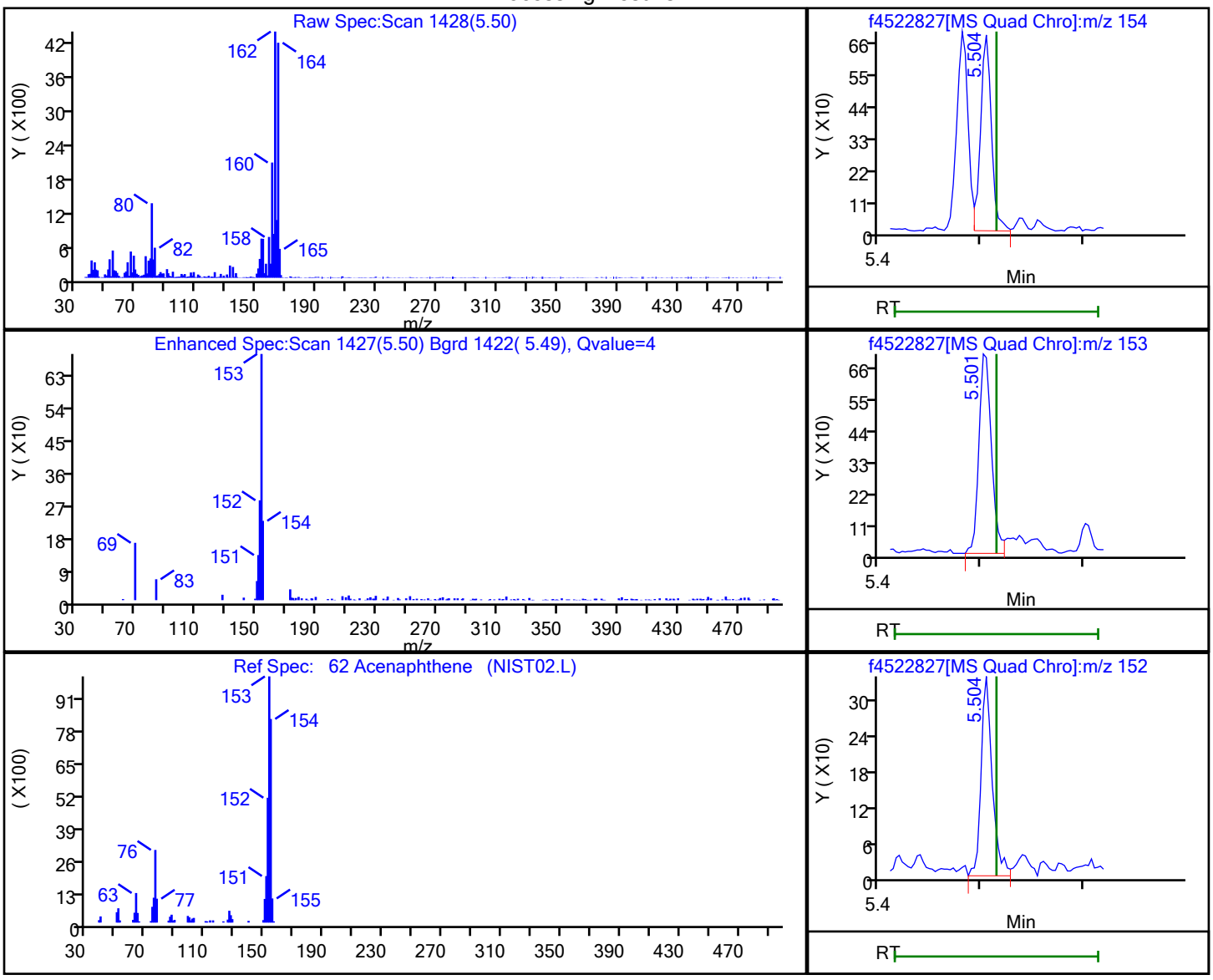
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522827.D				
Injection Date:	30-Apr-2021 02:31:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3		
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
5.50	154.00	509	0.103700
5.50	153.00	607	
5.50	152.00	253	

Reviewer: johnstonm1, 30-Apr-2021 09:40:41

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

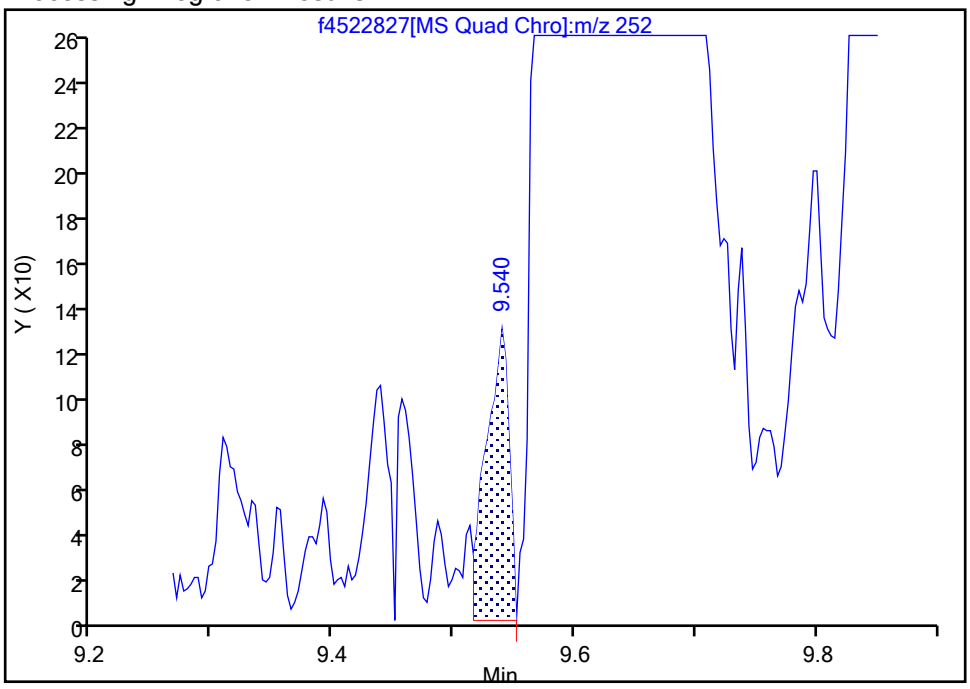
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522827.D				
Injection Date:	30-Apr-2021 02:31:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3		
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

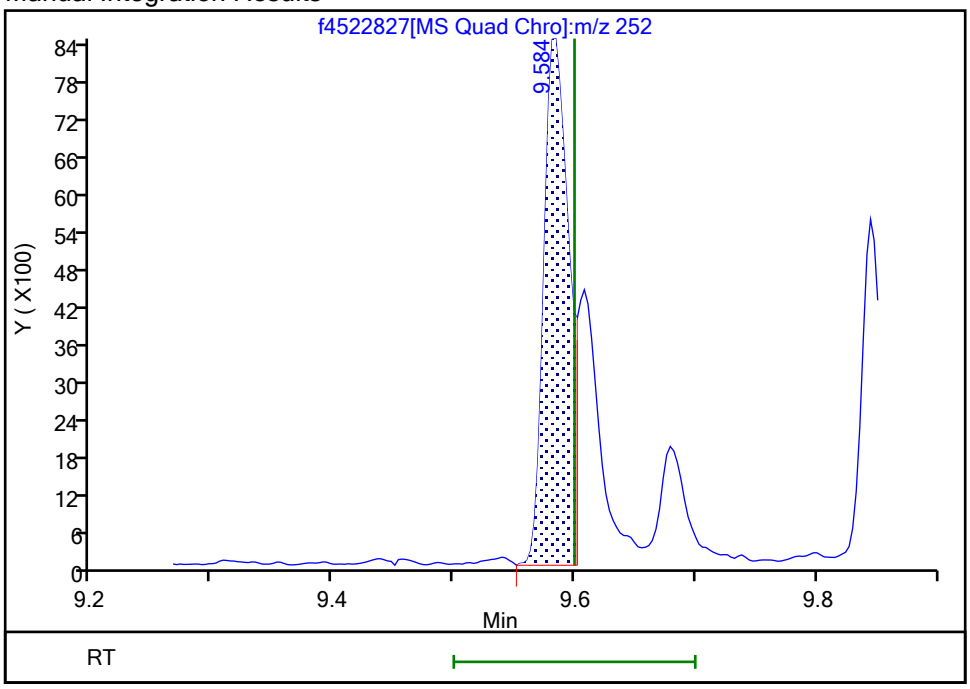
Processing Integration Results

RT: 9.54
Area: 170
Amount: 0.019110
Amount Units: ug/ml



Manual Integration Results

RT: 9.58
Area: 12316
Amount: 1.384494
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-Apr-2021 15:41:15

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

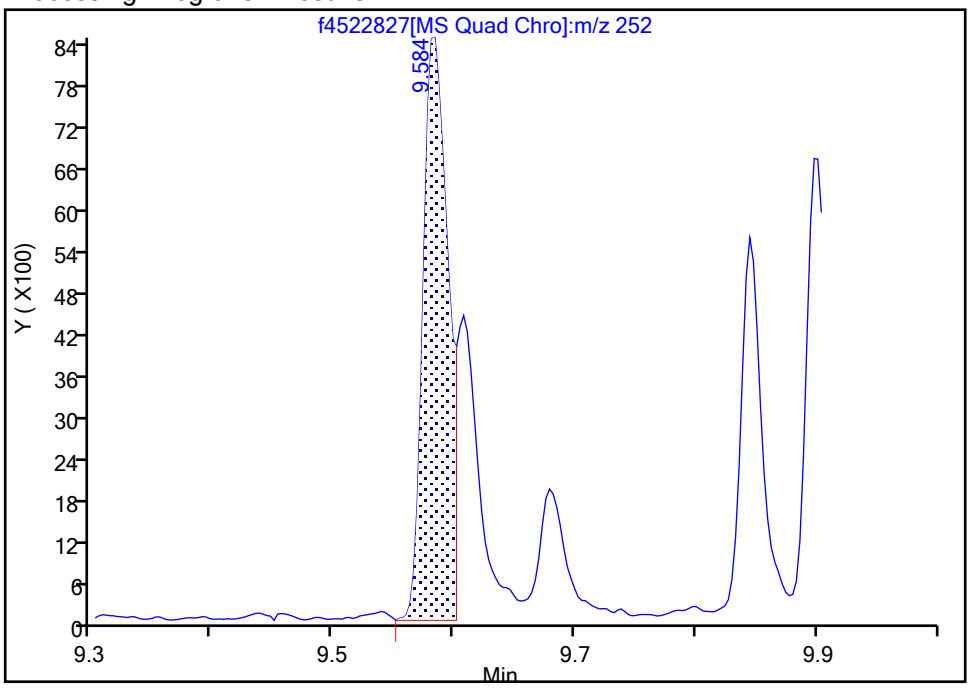
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522827.D				
Injection Date:	30-Apr-2021 02:31:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-3-B	Lab Sample ID:	460-233032-3		
Client ID:	SB-02_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

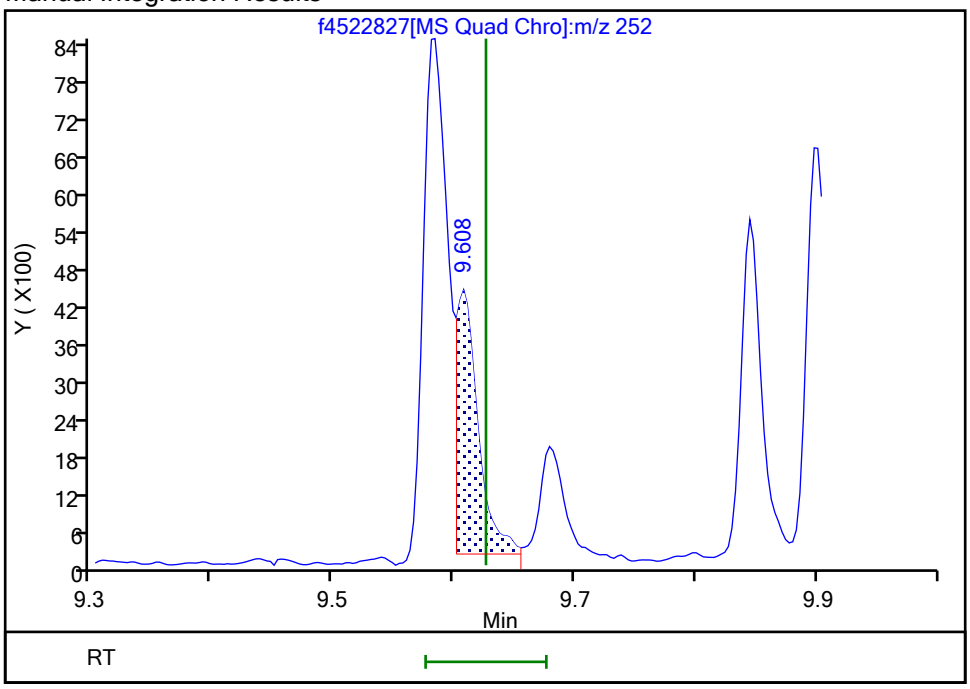
Processing Integration Results

RT: 9.58
Area: 12316
Amount: 1.246587
Amount Units: ug/ml



Manual Integration Results

RT: 9.61
Area: 5324
Amount: 0.538879
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-Apr-2021 15:41:38

Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-02_4-6_20210427 Lab Sample ID: 460-233032-4

Matrix: Solid Lab File ID: f4522822.D

Analysis Method: 8270E Date Collected: 04/27/2021 09:50

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 01:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 26.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.045	U	0.045	0.012
95-50-1	1,2-Dichlorobenzene	0.45	U	0.45	0.0077
541-73-1	1,3-Dichlorobenzene	0.45	U	0.45	0.0060
106-46-7	1,4-Dichlorobenzene	0.45	U	0.45	0.017
108-60-1	2,2'-oxybis[1-chloropropane]	0.45	U	0.45	0.0082
121-14-2	2,4-Dinitrotoluene	0.091	U	0.091	0.049
606-20-2	2,6-Dinitrotoluene	0.091	U	0.091	0.033
91-58-7	2-Chloronaphthalene	0.45	U	0.45	0.021
91-57-6	2-Methylnaphthalene	0.45	U	0.45	0.013
88-74-4	2-Nitroaniline	0.45	U	0.45	0.017
91-94-1	3,3'-Dichlorobenzidine	0.18	U	0.18	0.068
99-09-2	3-Nitroaniline	0.45	U	0.45	0.051
101-55-3	4-Bromophenyl phenyl ether	0.45	U	0.45	0.018
106-47-8	4-Chloroaniline	0.45	U	0.45	0.080
7005-72-3	4-Chlorophenyl phenyl ether	0.45	U	0.45	0.016
100-01-6	4-Nitroaniline	0.45	U	0.45	0.052
83-32-9	Acenaphthene	0.45	U	0.45	0.013
208-96-8	Acenaphthylene	0.45	U	0.45	0.0045
120-12-7	Anthracene	0.45	U	0.45	0.014
56-55-3	Benzo[a]anthracene	0.12		0.045	0.016
50-32-8	Benzo[a]pyrene	0.098		0.045	0.012
205-99-2	Benzo[b]fluoranthene	0.12		0.045	0.012
191-24-2	Benzo[g,h,i]perylene	0.042	J	0.45	0.013
207-08-9	Benzo[k]fluoranthene	0.065		0.045	0.0088
111-91-1	Bis(2-chloroethoxy)methane	0.45	U	0.45	0.035
111-44-4	Bis(2-chloroethyl)ether	0.045	U	0.045	0.016
117-81-7	Bis(2-ethylhexyl) phthalate	0.45	U	0.45	0.024
85-68-7	Butyl benzyl phthalate	0.45	U	0.45	0.021
86-74-8	Carbazole	0.45	U	0.45	0.017
218-01-9	Chrysene	0.12	J	0.45	0.0076
53-70-3	Dibenz(a,h)anthracene	0.045	U	0.045	0.020
132-64-9	Dibenzofuran	0.45	U	0.45	0.0063
84-66-2	Diethyl phthalate	0.45	U	0.45	0.0065
131-11-3	Dimethyl phthalate	0.45	U	0.45	0.10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-02_4-6_20210427 Lab Sample ID: 460-233032-4

Matrix: Solid Lab File ID: f4522822.D

Analysis Method: 8270E Date Collected: 04/27/2021 09:50

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 01:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 26.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.45	U	0.45	0.017
117-84-0	Di-n-octyl phthalate	0.45	U	0.45	0.024
206-44-0	Fluoranthene	0.17	J	0.45	0.016
86-73-7	Fluorene	0.45	U	0.45	0.0061
118-74-1	Hexachlorobenzene	0.045	U	0.045	0.021
87-68-3	Hexachlorobutadiene	0.091	U	0.091	0.0096
77-47-4	Hexachlorocyclopentadiene	0.45	U	0.45	0.040
67-72-1	Hexachloroethane	0.045	U	0.045	0.015
193-39-5	Indeno[1,2,3-cd]pyrene	0.061		0.045	0.018
78-59-1	Isophorone	0.18	U	0.18	0.13
91-20-3	Naphthalene	0.45	U	0.45	0.0078
98-95-3	Nitrobenzene	0.045	U	0.045	0.011
621-64-7	N-Nitrosodi-n-propylamine	0.045	U	0.045	0.033
86-30-6	N-Nitrosodiphenylamine	0.45	U	0.45	0.037
85-01-8	Phenanthrene	0.042	J	0.45	0.0079
129-00-0	Pyrene	0.15	J	0.45	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	54		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	51		11-104
1718-51-0	Terphenyl-d14 (Surr)	69		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D
Lims ID: 460-233032-E-4-B
Client ID: SB-02_4-6_20210427
Sample Type: Client
Inject. Date: 30-Apr-2021 01:05:14 ALS Bottle#: 0 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127851-014
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 09:39:32 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: khlungprakhons Date: 30-Apr-2021 15:36:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	3.158	3.173	-0.015	97	75856	40.0	
$ 26 Nitrobenzene-d5	82	3.580	3.591	-0.016	93	98529	25.5	
* 36 Naphthalene-d8	136	4.132	4.145	-0.013	99	293311	40.0	
$ 50 2-Fluorobiphenyl	172	4.979	4.982	-0.009	97	157784	26.8	
* 61 Acenaphthene-d10	164	5.478	5.491	-0.013	97	155303	40.0	
* 83 Phenanthrene-d10	188	6.594	6.606	-0.012	99	298019	40.0	
84 Phenanthrene	178	6.612	6.623	-0.014	37	4014	0.4614	
89 Fluoranthene	202	7.502	7.510	-0.012	96	17651	1.86	
91 Pyrene	202	7.667	7.675	-0.013	96	16427	1.67	
$ 93 Terphenyl-d14	244	7.803	7.811	-0.013	98	246434	34.4	
100 Benzo[a]anthracene	228	8.599	8.610	-0.015	50	12405	1.33	
* 98 Chrysene-d12	240	8.605	8.623	-0.018	98	281733	40.0	
101 Chrysene	228	8.626	8.642	-0.021	76	11860	1.27	
104 Benzo[b]fluoranthene	252	9.579	9.582	-0.021	94	10842	1.32	M
105 Benzo[k]fluoranthene	252	9.594	9.613	-0.032	1	6517	0.7140	Ma
106 Benzo[a]pyrene	252	9.893	9.913	-0.026	94	8074	1.08	
* 107 Perylene-d12	264	9.952	9.973	-0.021	98	302839	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.047	11.060	-0.015	96	5023	0.6674	
109 Dibenz(a,h)anthracene	278	11.074	11.072	-0.018	27	683	0.0850	
110 Benzo[g,h,i]perylene	276	11.301	11.307	-0.025	83	4075	0.4587	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

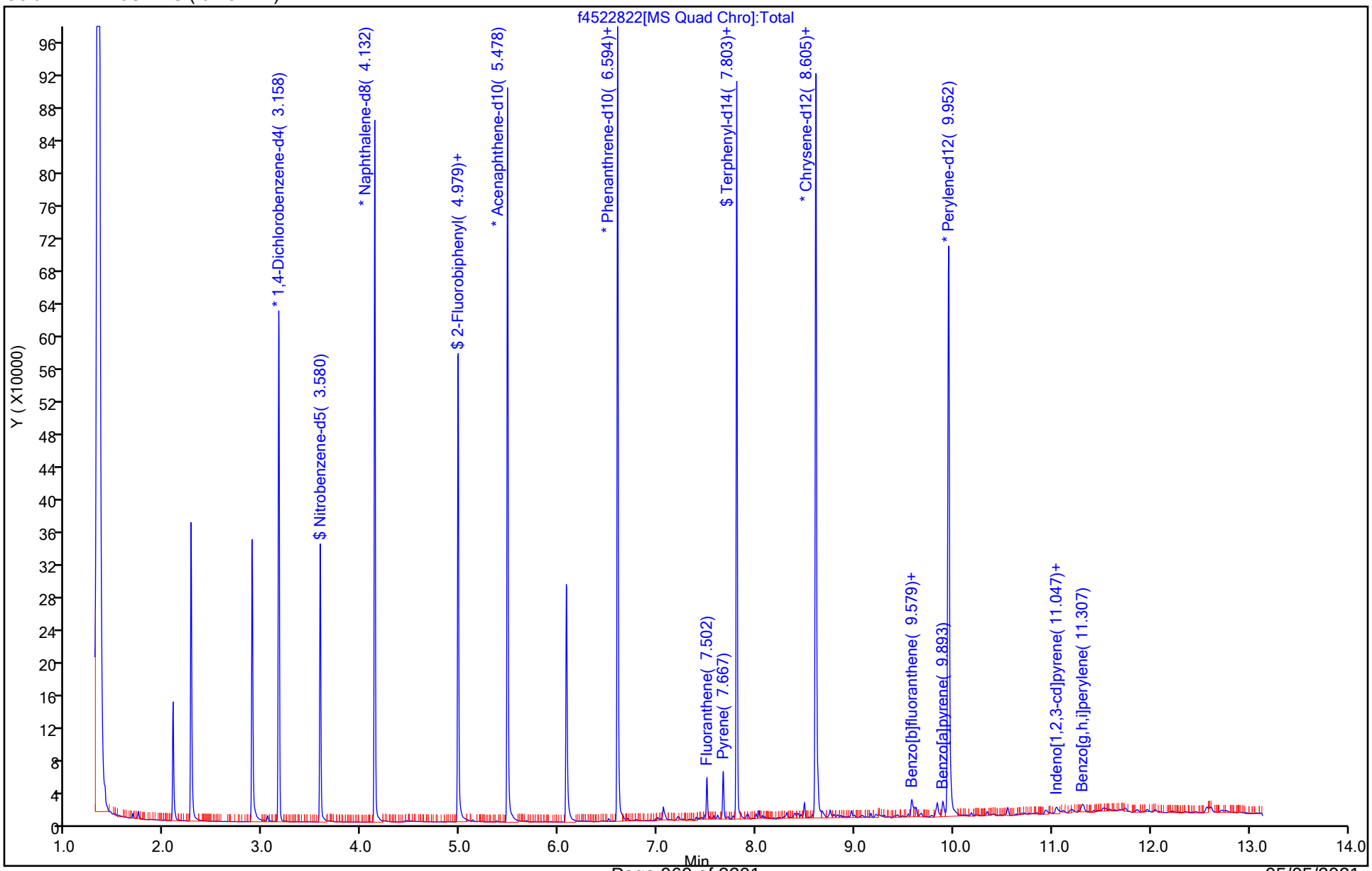
SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-Apr-2021 09:39:32 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4	Worklist Smp#:	14
Client ID:	SB-02_4-6_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

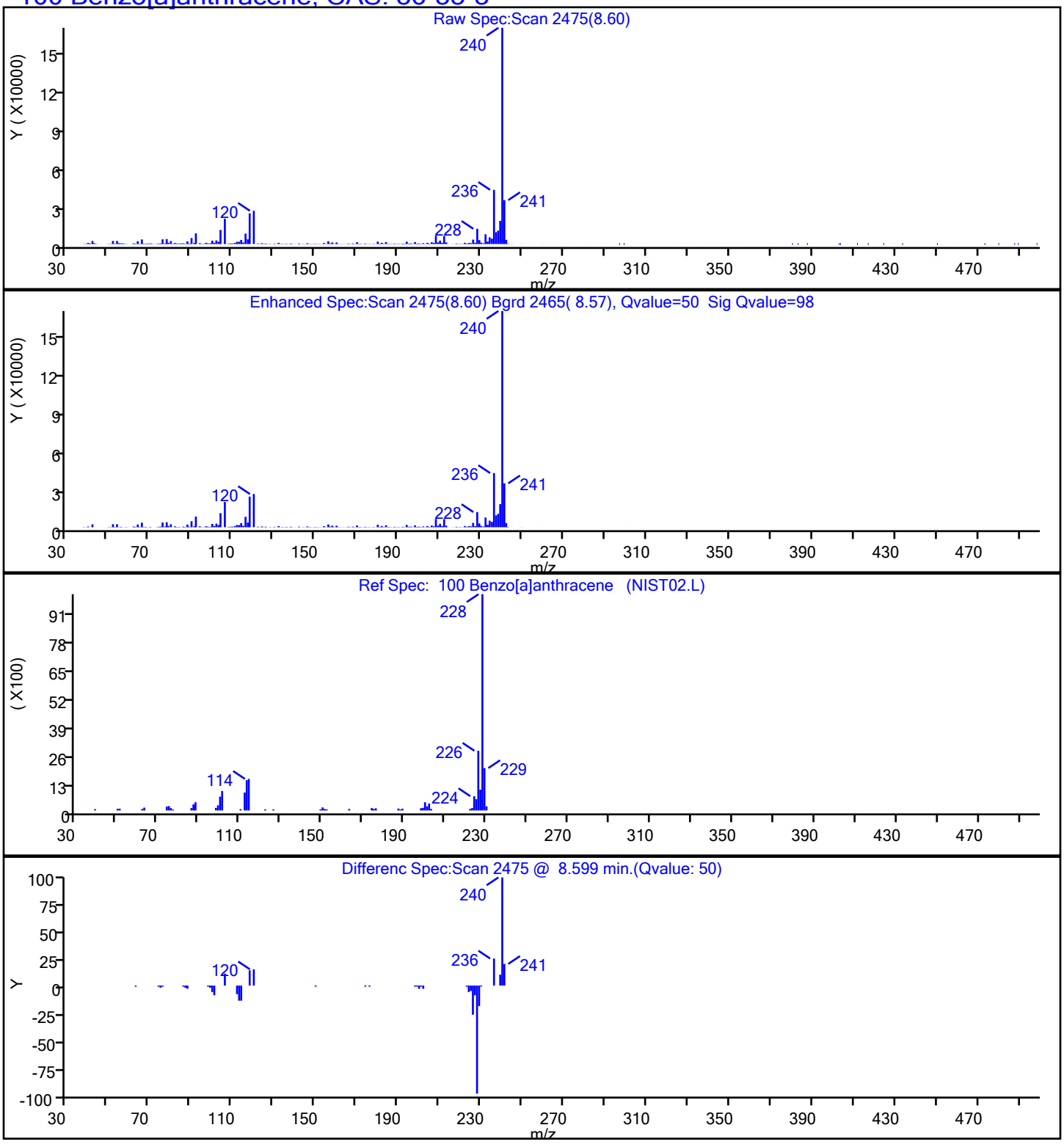
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

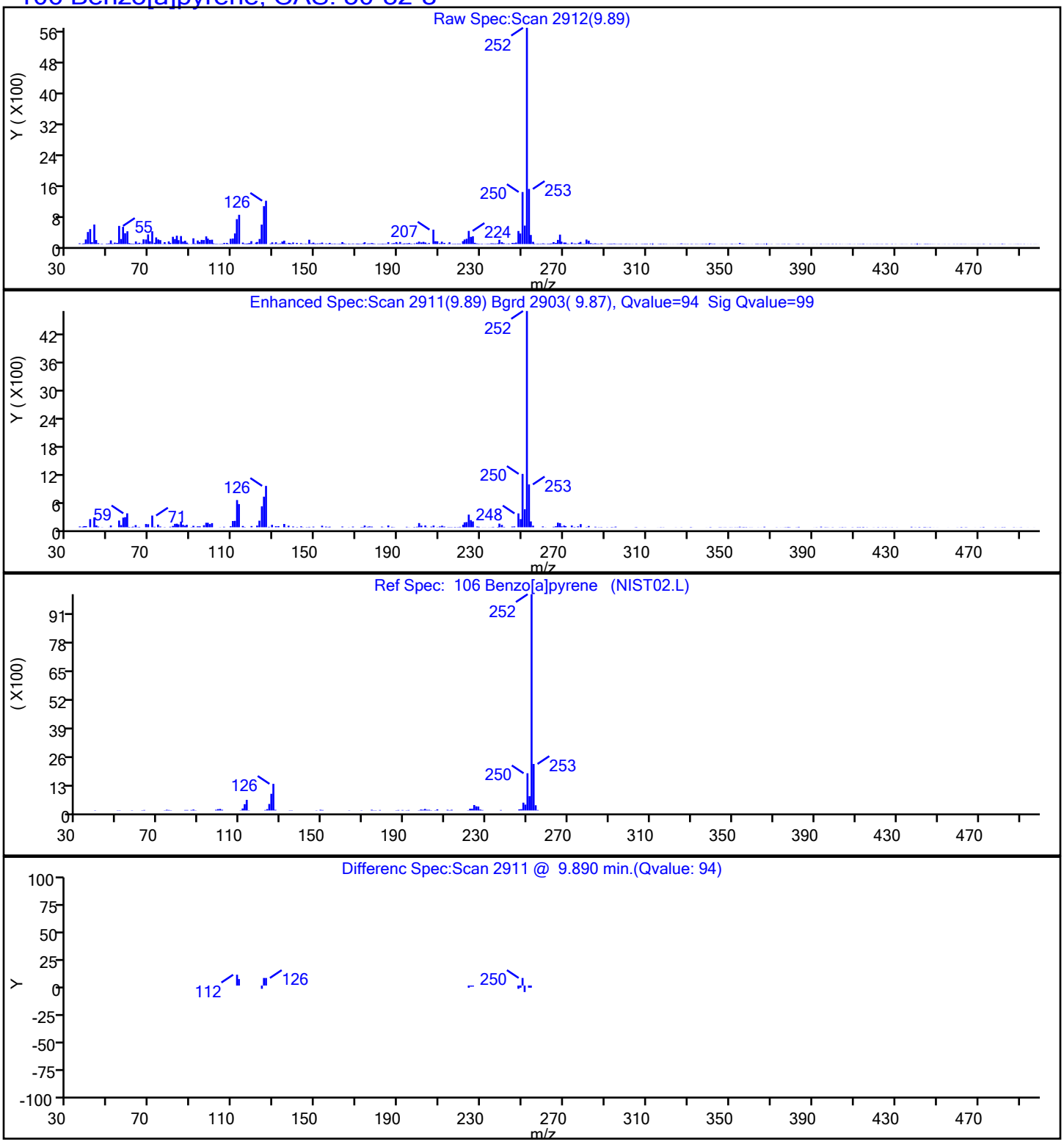
100 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

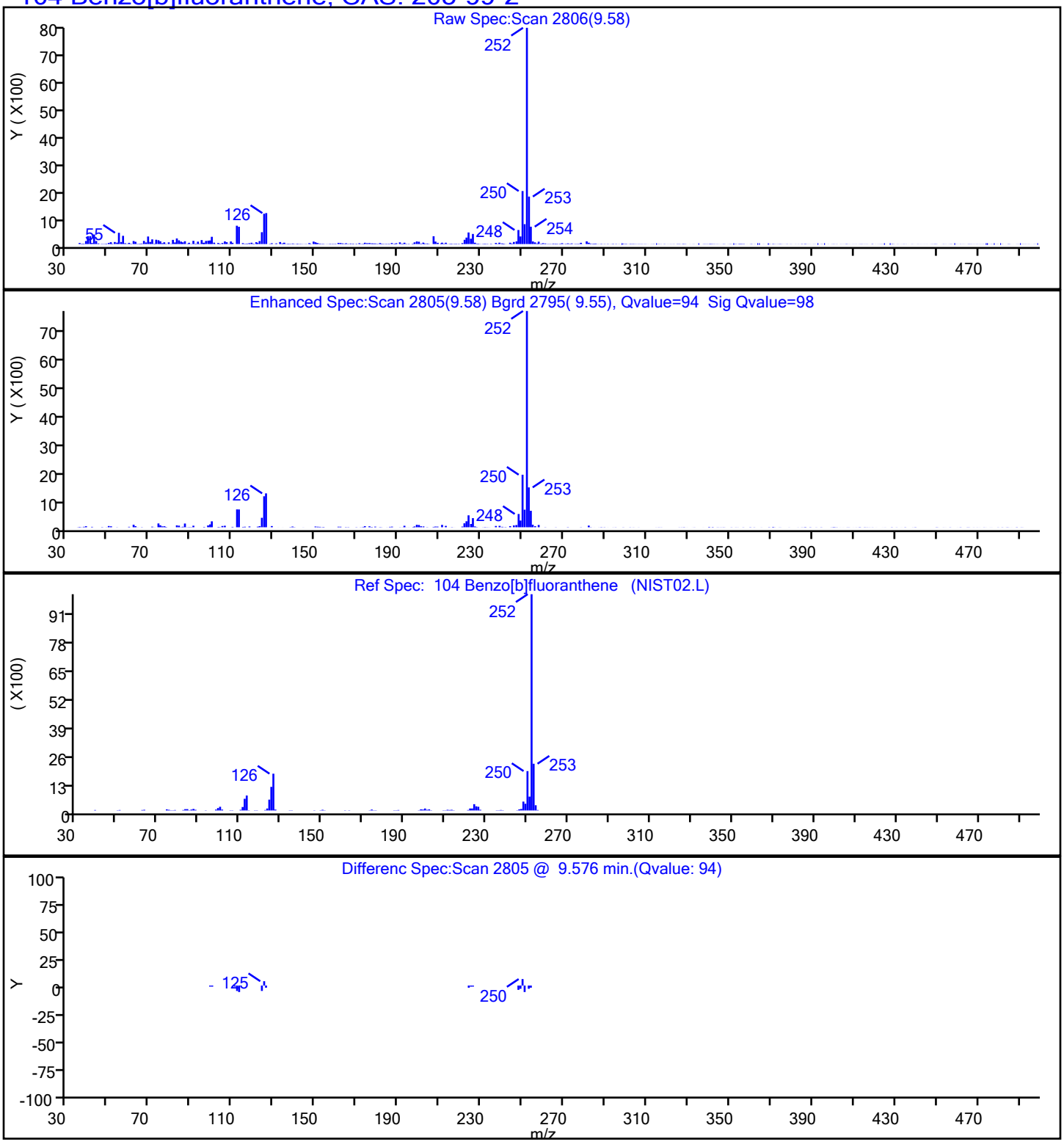
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

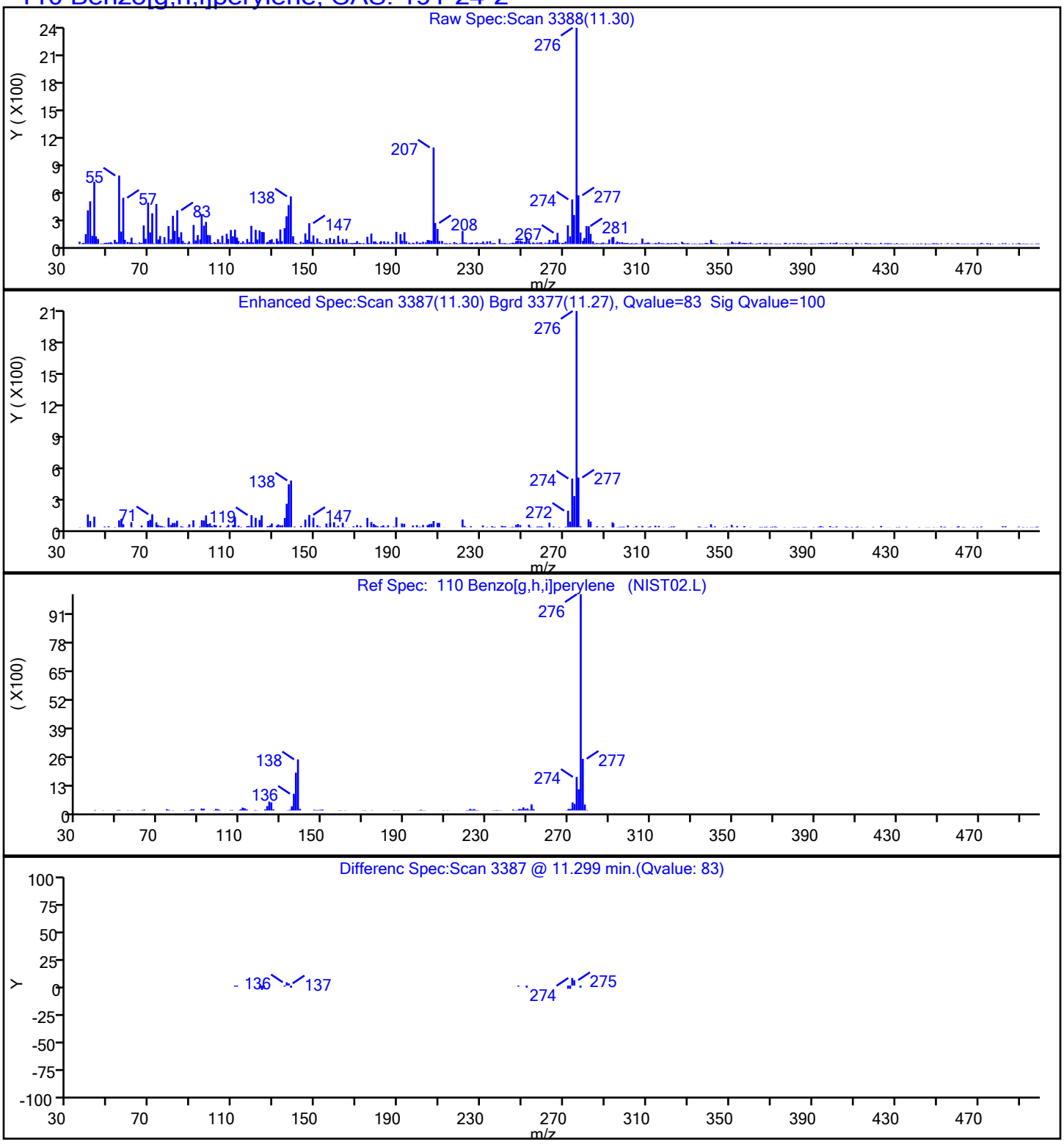
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

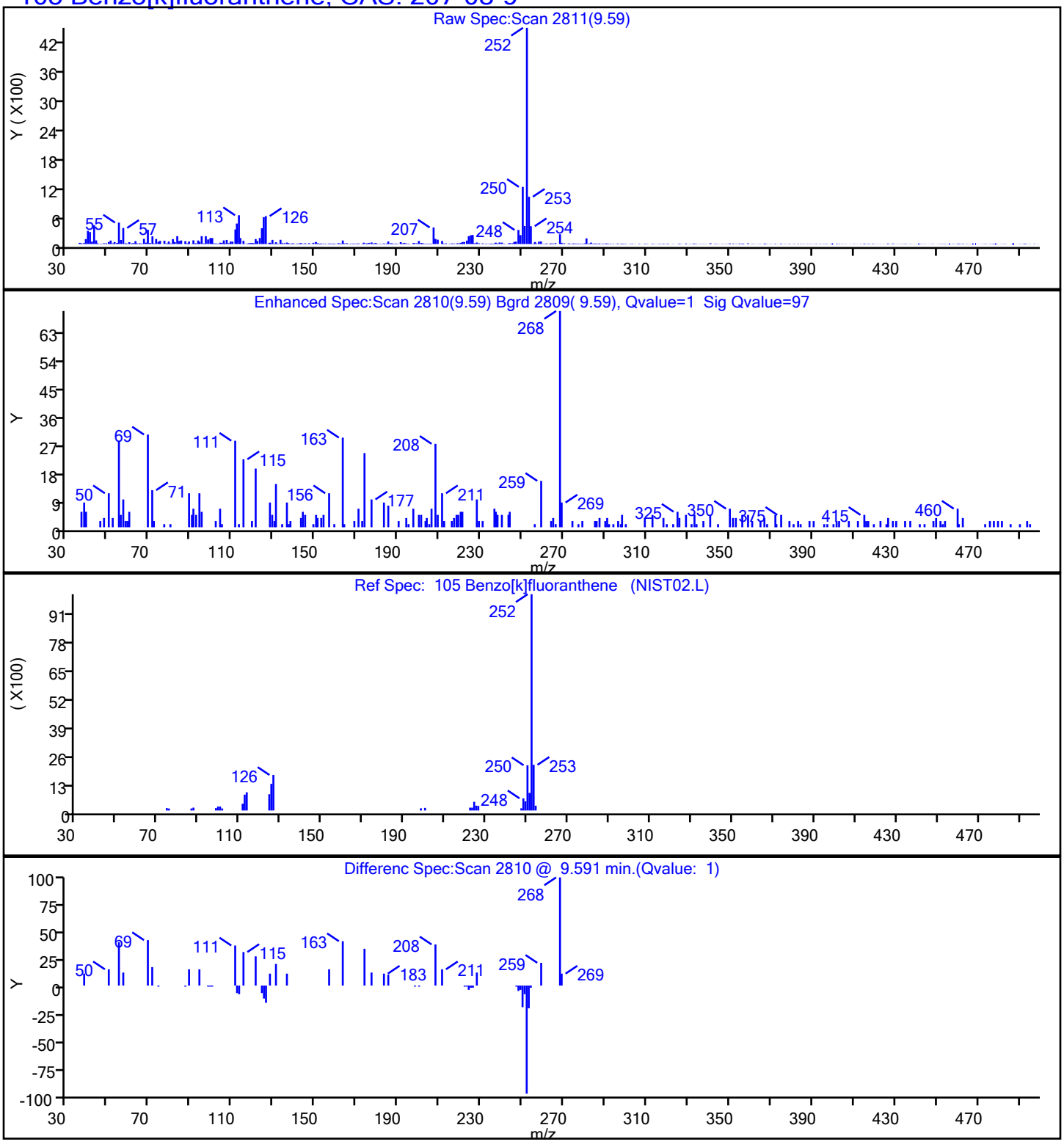
110 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9



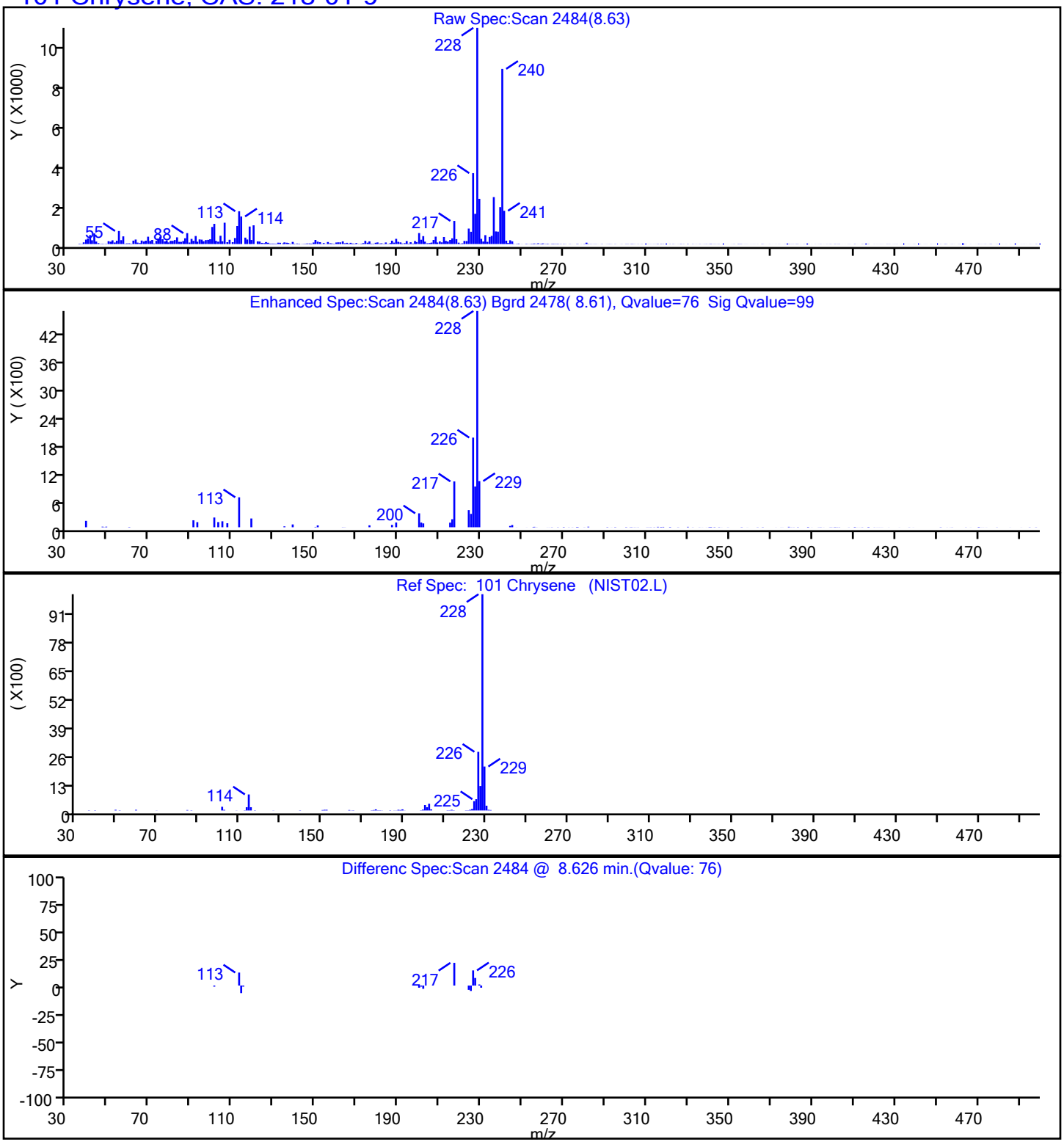
Report Date: 30-Apr-2021 09:39:33 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D

Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

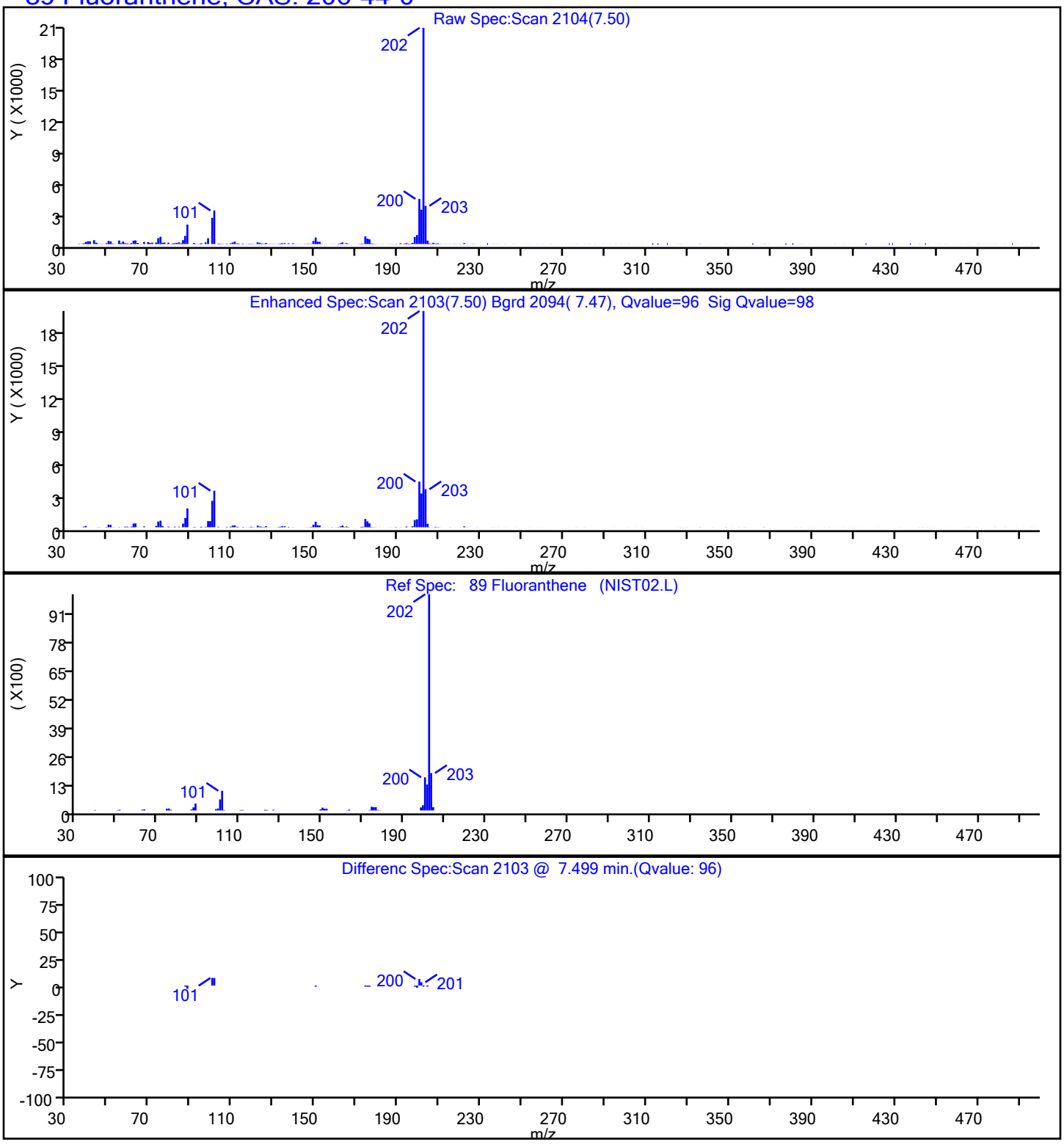
101 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

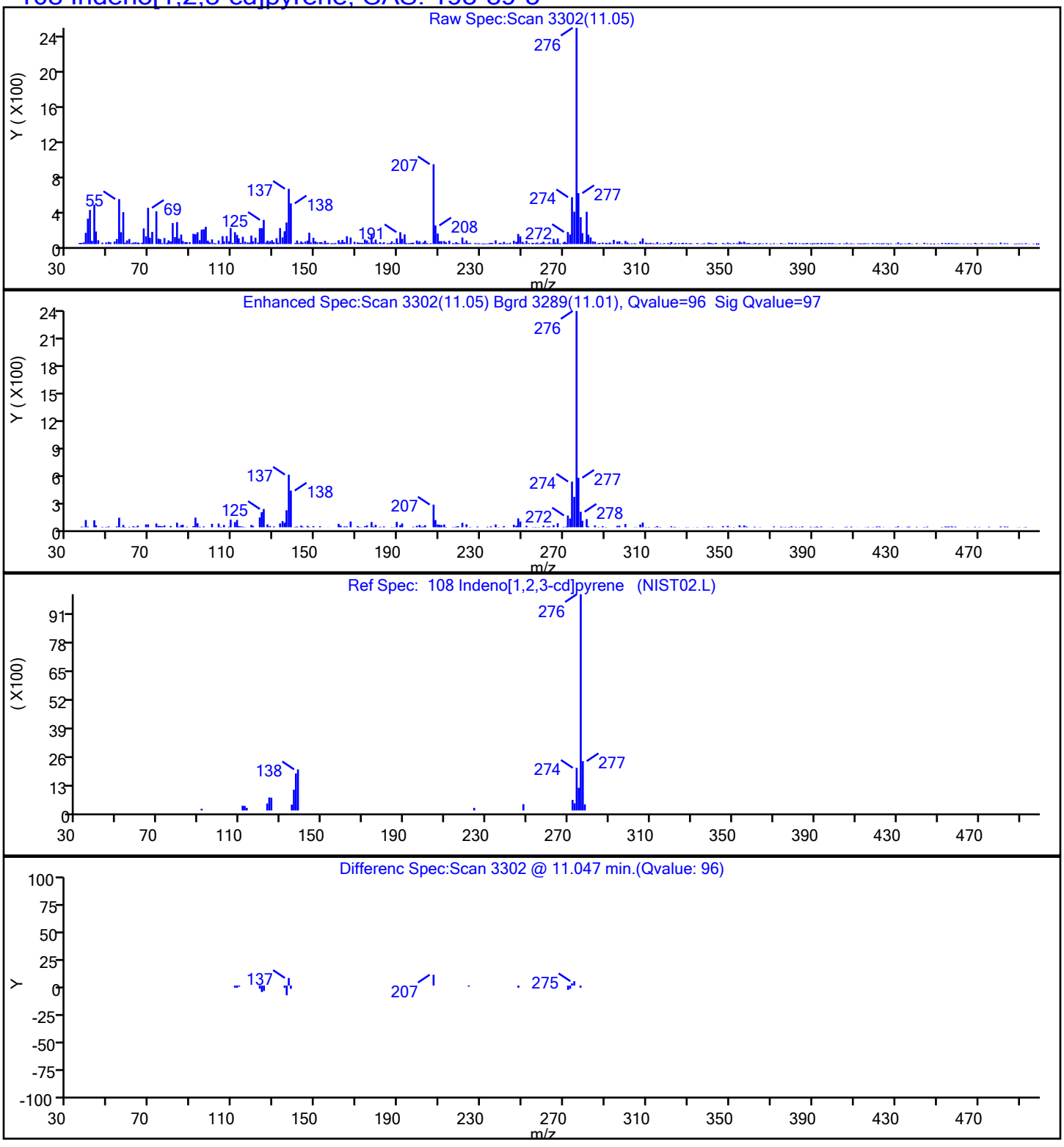
89 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

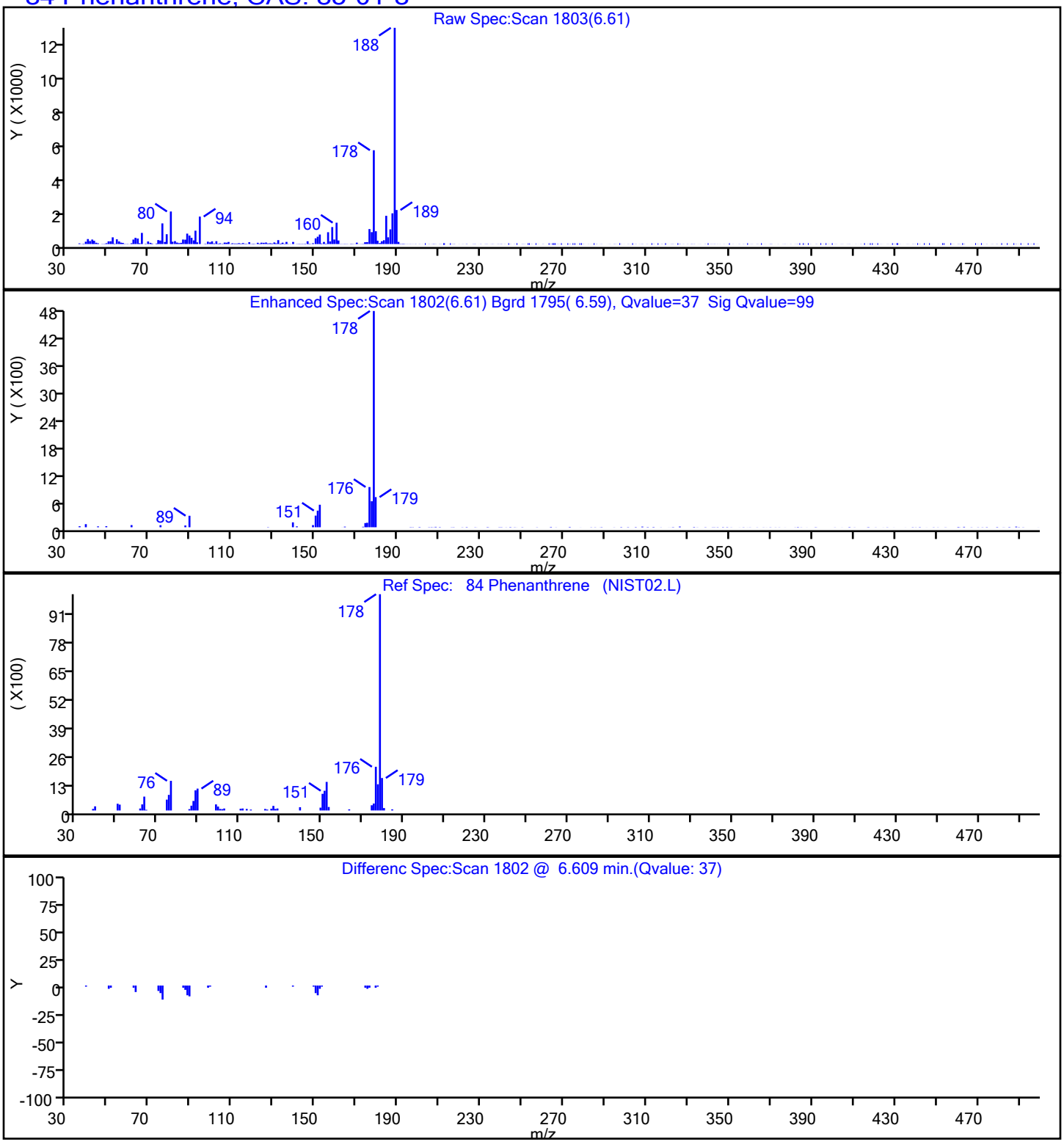
108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8

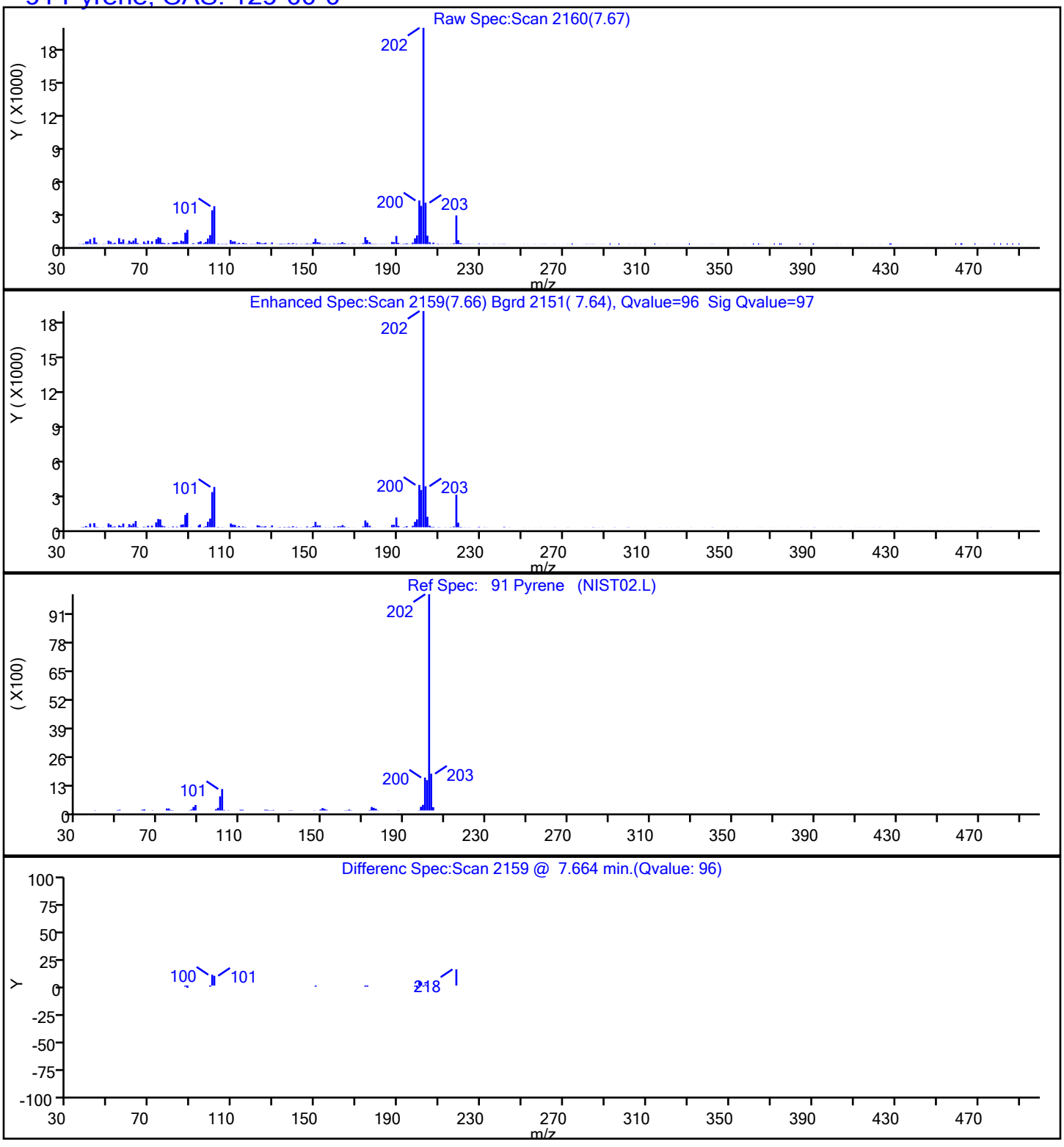


Report Date: 30-Apr-2021 09:39:33 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Pyrene, CAS: 129-00-0



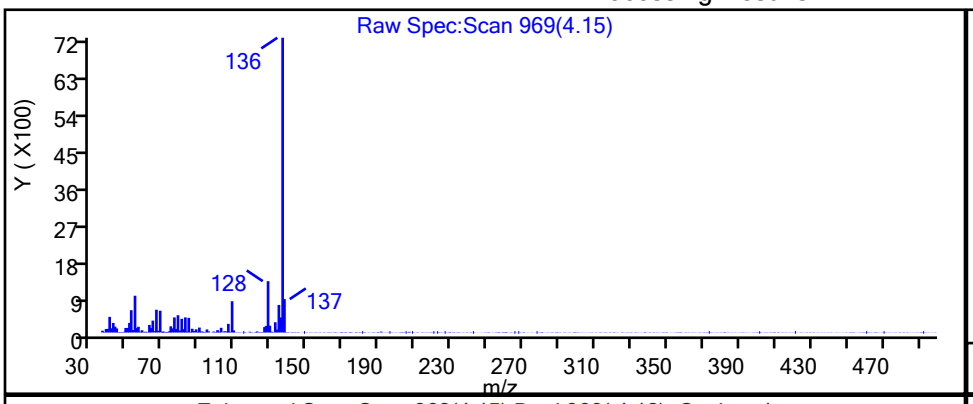
User Disabled Compound Report

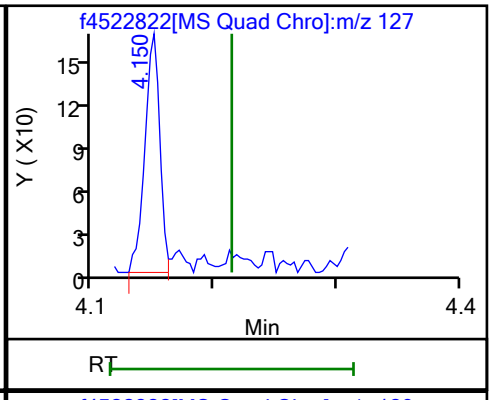
Eurofins TestAmerica, Edison

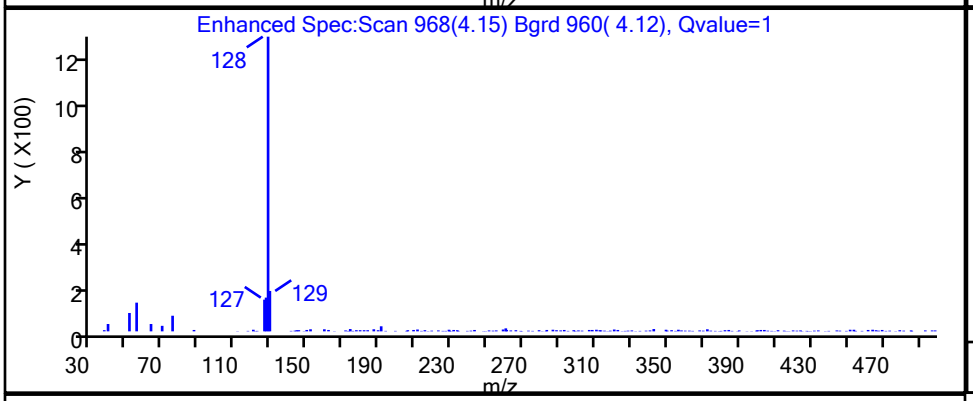
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

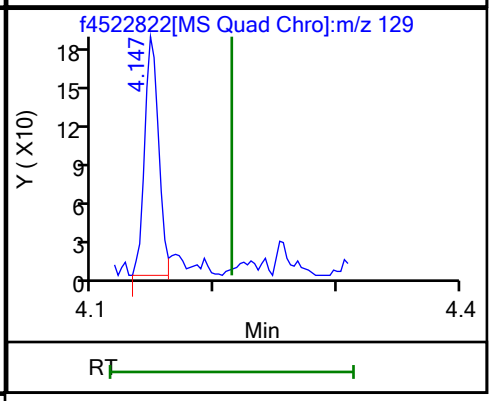
38 4-Chloroaniline, CAS: 106-47-8

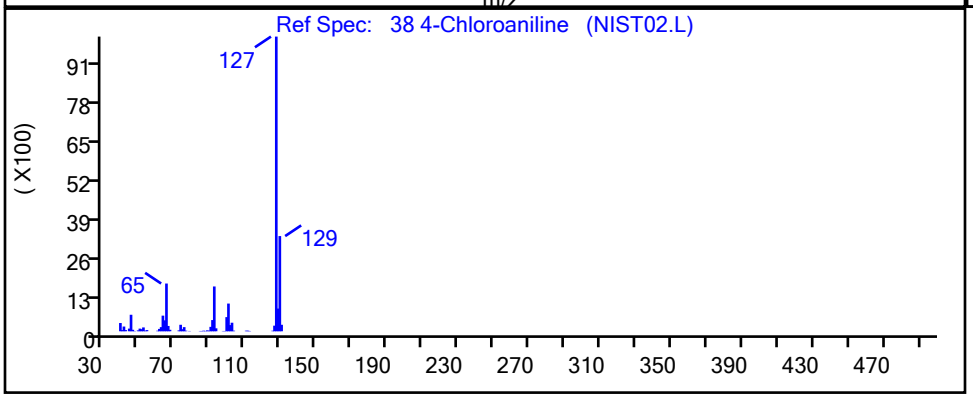
Processing Results











RT	Mass	Response	Amount
4.15	127.00	137	0.040689
4.15	129.00	145	

Reviewer: khlungprakhons, 30-Apr-2021 15:35:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

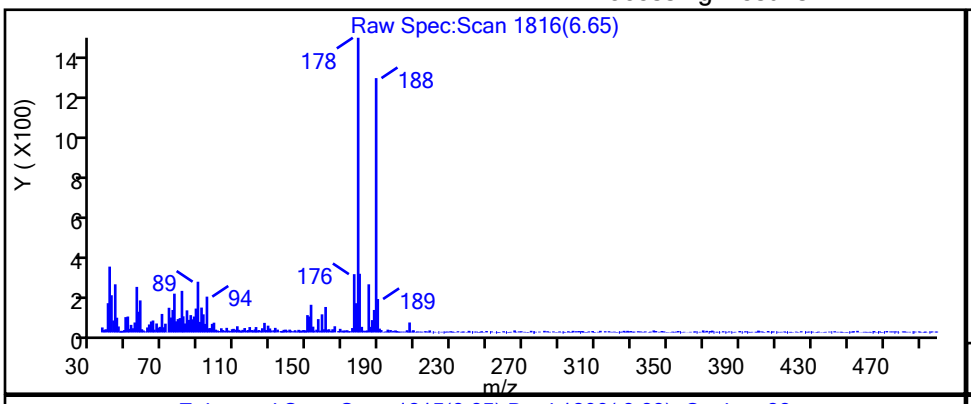
User Disabled Compound Report

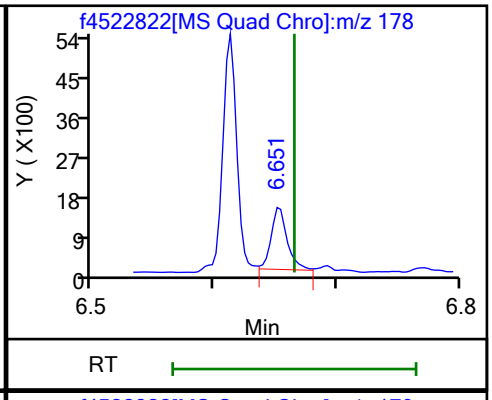
Eurofins TestAmerica, Edison

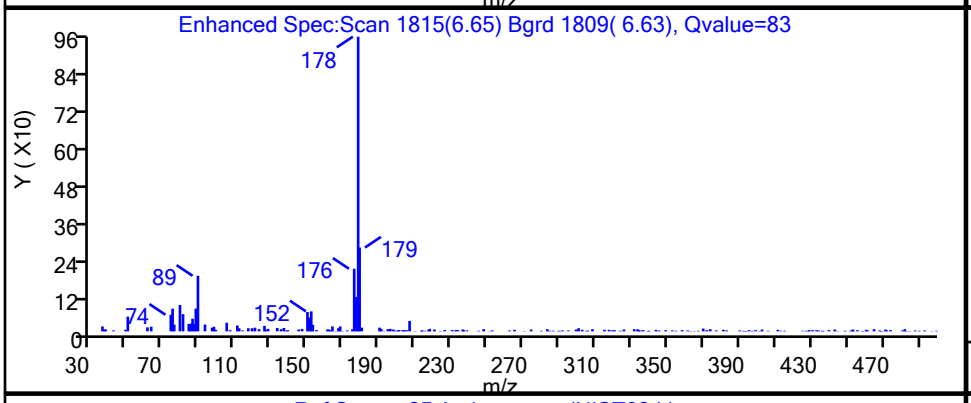
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

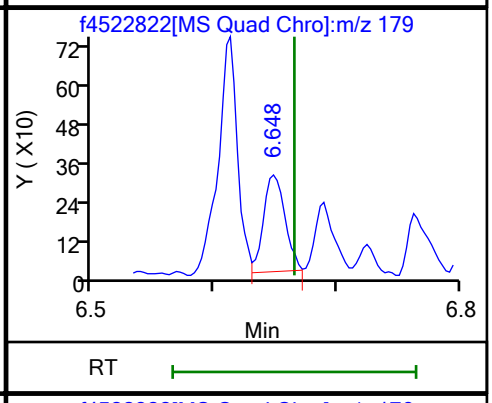
85 Anthracene, CAS: 120-12-7

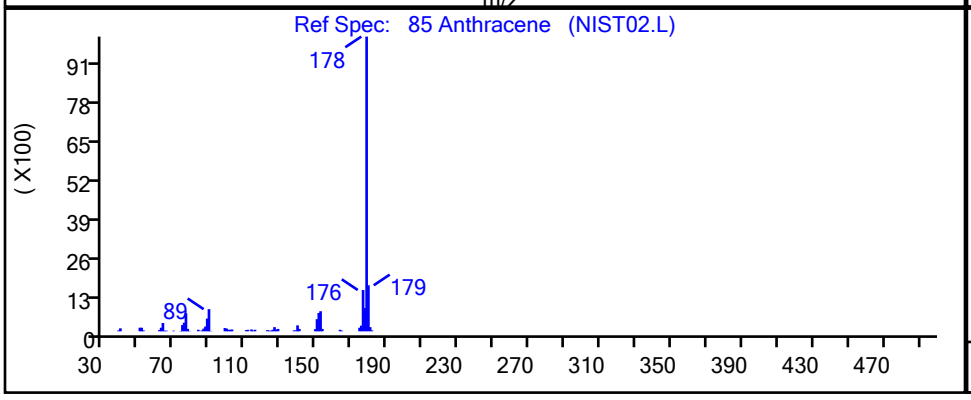
Processing Results

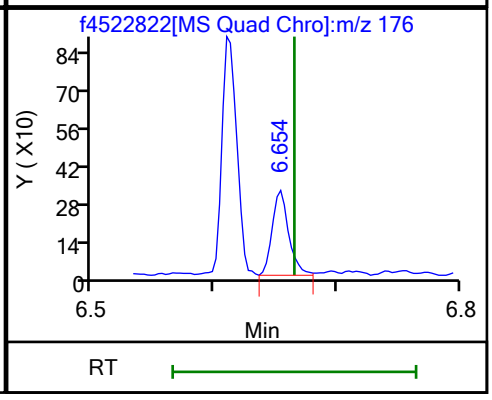












RT	Mass	Response	Amount
6.65	178.00	1295	0.143816
6.65	179.00	370	
6.65	176.00	299	

Reviewer: johnstonm1, 30-Apr-2021 09:39:24

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

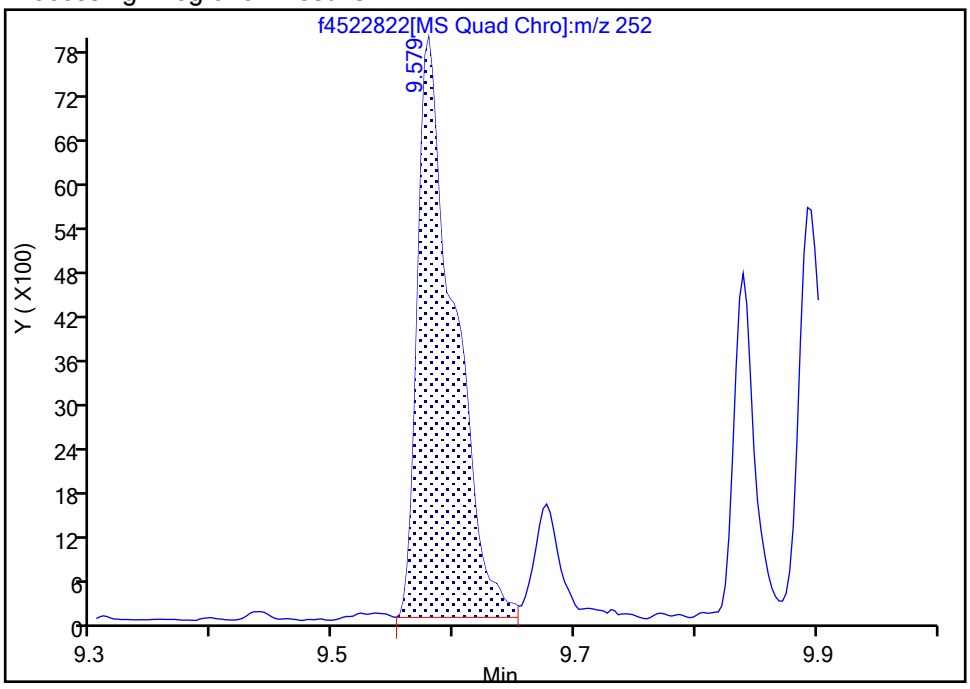
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

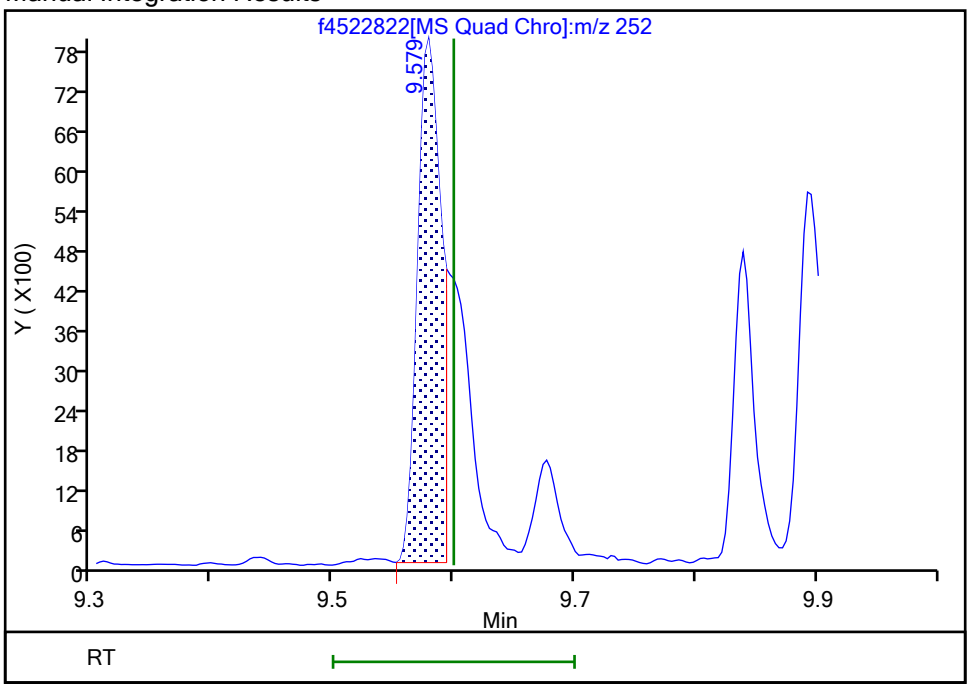
Processing Integration Results

RT: 9.58
Area: 16571
Amount: 2.016363
Amount Units: ug/ml



Manual Integration Results

RT: 9.58
Area: 10842
Amount: 1.319257
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-Apr-2021 15:36:17

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

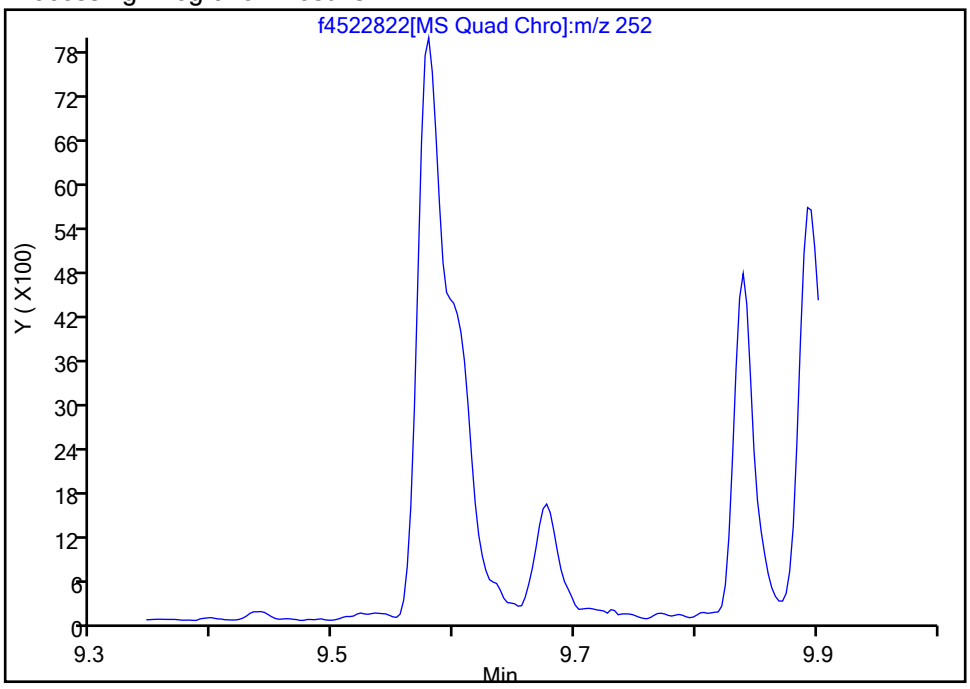
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

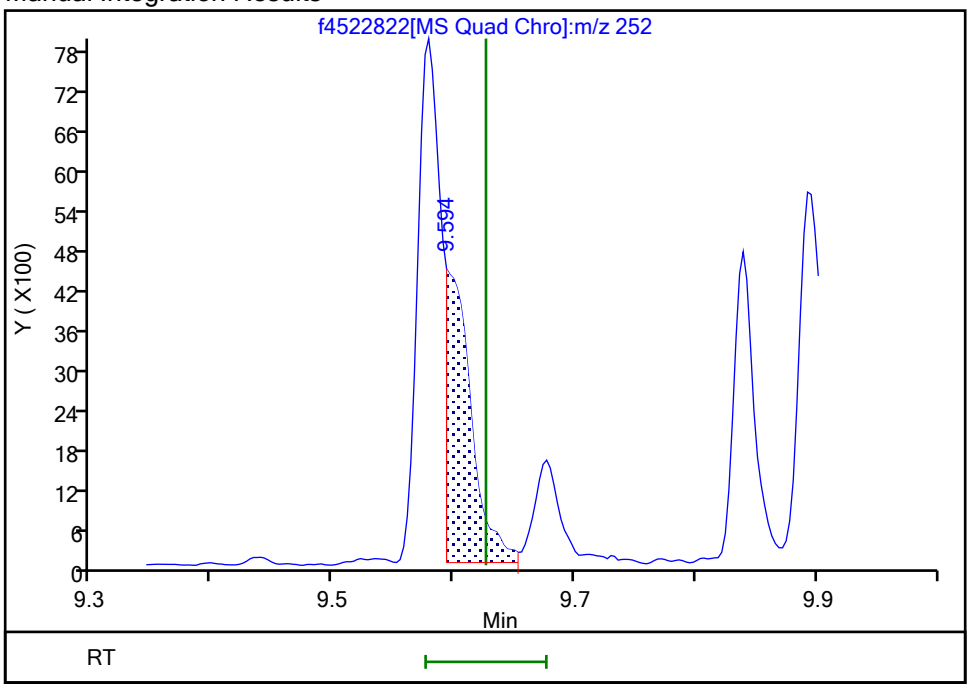
Not Detected
Expected RT: 9.63

Processing Integration Results



Manual Integration Results

RT: 9.59
Area: 6517
Amount: 0.714002
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-Apr-2021 15:36:24
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

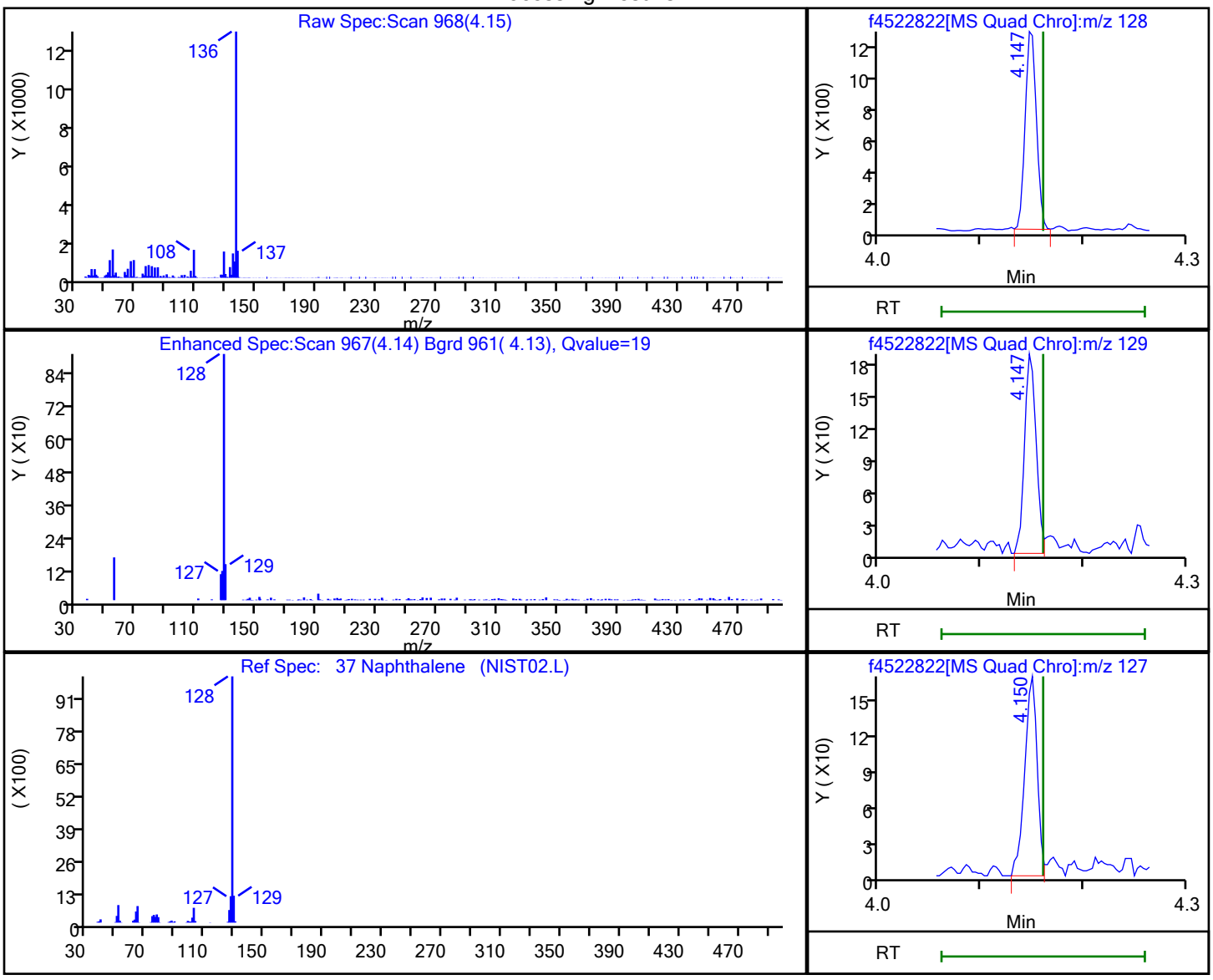
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522822.D				
Injection Date:	30-Apr-2021 01:05:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-4-B	Lab Sample ID:	460-233032-4		
Client ID:	SB-02_4-6_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

37 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
4.15	128.00	985	0.122708
4.15	129.00	145	
4.15	127.00	137	

Reviewer: johnstonm1, 30-Apr-2021 09:39:20

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-05_0-2_20210427 Lab Sample ID: 460-233032-5

Matrix: Solid Lab File ID: f4522834.D

Analysis Method: 8270E Date Collected: 04/27/2021 10:21

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 04:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.038	U	0.038	0.0097
95-50-1	1,2-Dichlorobenzene	0.38	U	0.38	0.0064
541-73-1	1,3-Dichlorobenzene	0.38	U	0.38	0.0050
106-46-7	1,4-Dichlorobenzene	0.38	U	0.38	0.014
108-60-1	2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0068
121-14-2	2,4-Dinitrotoluene	0.076	U	0.076	0.041
606-20-2	2,6-Dinitrotoluene	0.076	U	0.076	0.027
91-58-7	2-Chloronaphthalene	0.38	U	0.38	0.017
91-57-6	2-Methylnaphthalene	0.012	J	0.38	0.011
88-74-4	2-Nitroaniline	0.38	U	0.38	0.014
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.057
99-09-2	3-Nitroaniline	0.38	U	0.38	0.042
101-55-3	4-Bromophenyl phenyl ether	0.38	U	0.38	0.015
106-47-8	4-Chloroaniline	0.38	U	0.38	0.067
7005-72-3	4-Chlorophenyl phenyl ether	0.38	U	0.38	0.013
100-01-6	4-Nitroaniline	0.38	U	0.38	0.043
83-32-9	Acenaphthene	0.013	J	0.38	0.011
208-96-8	Acenaphthylene	0.027	J	0.38	0.0038
120-12-7	Anthracene	0.030	J	0.38	0.011
56-55-3	Benzo[a]anthracene	0.17		0.038	0.013
50-32-8	Benzo[a]pyrene	0.20		0.038	0.010
205-99-2	Benzo[b]fluoranthene	0.32		0.038	0.0098
191-24-2	Benzo[g,h,i]perylene	0.16	J	0.38	0.011
207-08-9	Benzo[k]fluoranthene	0.12		0.038	0.0074
111-91-1	Bis(2-chloroethoxy)methane	0.38	U	0.38	0.029
111-44-4	Bis(2-chloroethyl)ether	0.038	U	0.038	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020
85-68-7	Butyl benzyl phthalate	0.38	U	0.38	0.018
86-74-8	Carbazole	0.021	J	0.38	0.014
218-01-9	Chrysene	0.23	J	0.38	0.0064
53-70-3	Dibenz(a,h)anthracene	0.032	J	0.038	0.016
132-64-9	Dibenzofuran	0.013	J	0.38	0.0053
84-66-2	Diethyl phthalate	0.38	U	0.38	0.0055
131-11-3	Dimethyl phthalate	0.38	U	0.38	0.086

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-05_0-2_20210427 Lab Sample ID: 460-233032-5

Matrix: Solid Lab File ID: f4522834.D

Analysis Method: 8270E Date Collected: 04/27/2021 10:21

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 04:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.38	U	0.38	0.014
117-84-0	Di-n-octyl phthalate	0.38	U	0.38	0.020
206-44-0	Fluoranthene	0.33	J	0.38	0.013
86-73-7	Fluorene	0.014	J	0.38	0.0051
118-74-1	Hexachlorobenzene	0.038	U	0.038	0.018
87-68-3	Hexachlorobutadiene	0.076	U	0.076	0.0080
77-47-4	Hexachlorocyclopentadiene	0.38	U	0.38	0.033
67-72-1	Hexachloroethane	0.038	U	0.038	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.18		0.038	0.015
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.028	J	0.38	0.0065
98-95-3	Nitrobenzene	0.038	U	0.038	0.0091
621-64-7	N-Nitrosodi-n-propylamine	0.038	U	0.038	0.027
86-30-6	N-Nitrosodiphenylamine	0.38	U	0.38	0.031
85-01-8	Phenanthrene	0.16	J	0.38	0.0066
129-00-0	Pyrene	0.28	J	0.38	0.0094

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	47		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	45		11-104
1718-51-0	Terphenyl-d14 (Surr)	50		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522834.D
Lims ID: 460-233032-E-5-B
Client ID: SB-05_0-2_20210427
Sample Type: Client
Inject. Date: 30-Apr-2021 04:32:14 ALS Bottle#: 0 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127851-026
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 16:06:28 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: khlungprakhons Date: 30-Apr-2021 16:06:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	3.159	3.173	-0.014	98	77110	40.0	
$ 26 Nitrobenzene-d5	82	3.578	3.585	-0.018	93	88500	22.3	
* 36 Naphthalene-d8	136	4.133	4.145	-0.012	99	301169	40.0	
37 Naphthalene	128	4.148	4.148	-0.012	48	3075	0.3731	
42 2-Methylnaphthalene	142	4.691	4.684	-0.007	72	844	0.1540	
$ 50 2-Fluorobiphenyl	172	4.977	4.977	-0.011	97	139797	23.4	
59 Acenaphthylene	152	5.370	5.370	-0.011	95	2800	0.3589	
* 61 Acenaphthene-d10	164	5.479	5.491	-0.012	96	157842	40.0	
62 Acenaphthene	154	5.503	5.503	-0.011	5	823	0.1748	
66 Dibenzofuran	168	5.636	5.635	-0.011	84	1194	0.1669	
70 Fluorene	166	5.896	5.892	-0.009	78	1080	0.1849	
* 83 Phenanthrene-d10	188	6.596	6.606	-0.010	99	305657	40.0	
84 Phenanthrene	178	6.611	6.617	-0.015	75	18275	2.05	
85 Anthracene	178	6.649	6.655	-0.016	94	3656	0.3959	
87 Carbazole	167	6.785	6.782	-0.007	73	2266	0.2701	
89 Fluoranthene	202	7.499	7.503	-0.015	97	42694	4.40	
91 Pyrene	202	7.665	7.666	-0.015	95	38028	3.65	
$ 93 Terphenyl-d14	244	7.804	7.802	-0.012	98	189792	25.1	
100 Benzo[a]anthracene	228	8.599	8.599	-0.015	55	22699	2.30	
* 98 Chrysene-d12	240	8.608	8.623	-0.015	99	297715	40.0	
101 Chrysene	228	8.629	8.632	-0.018	77	29259	2.97	
104 Benzo[b]fluoranthene	252	9.582	9.590	-0.018	97	37650	4.24	
105 Benzo[k]fluoranthene	252	9.606	9.606	-0.020	1	15873	1.61	M
106 Benzo[a]pyrene	252	9.900	9.910	-0.019	95	21386	2.65	
* 107 Perylene-d12	264	9.963	9.973	-0.010	99	327557	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.045	11.052	-0.017	98	19594	2.41	
109 Dibenz(a,h)anthracene	278	11.071	11.071	-0.021	22	3677	0.4233	a
110 Benzo[g,h,i]perylene	276	11.306	11.315	-0.020	92	20616	2.15	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00193	Amount Added:	20.00	Units: uL	Run Reagent

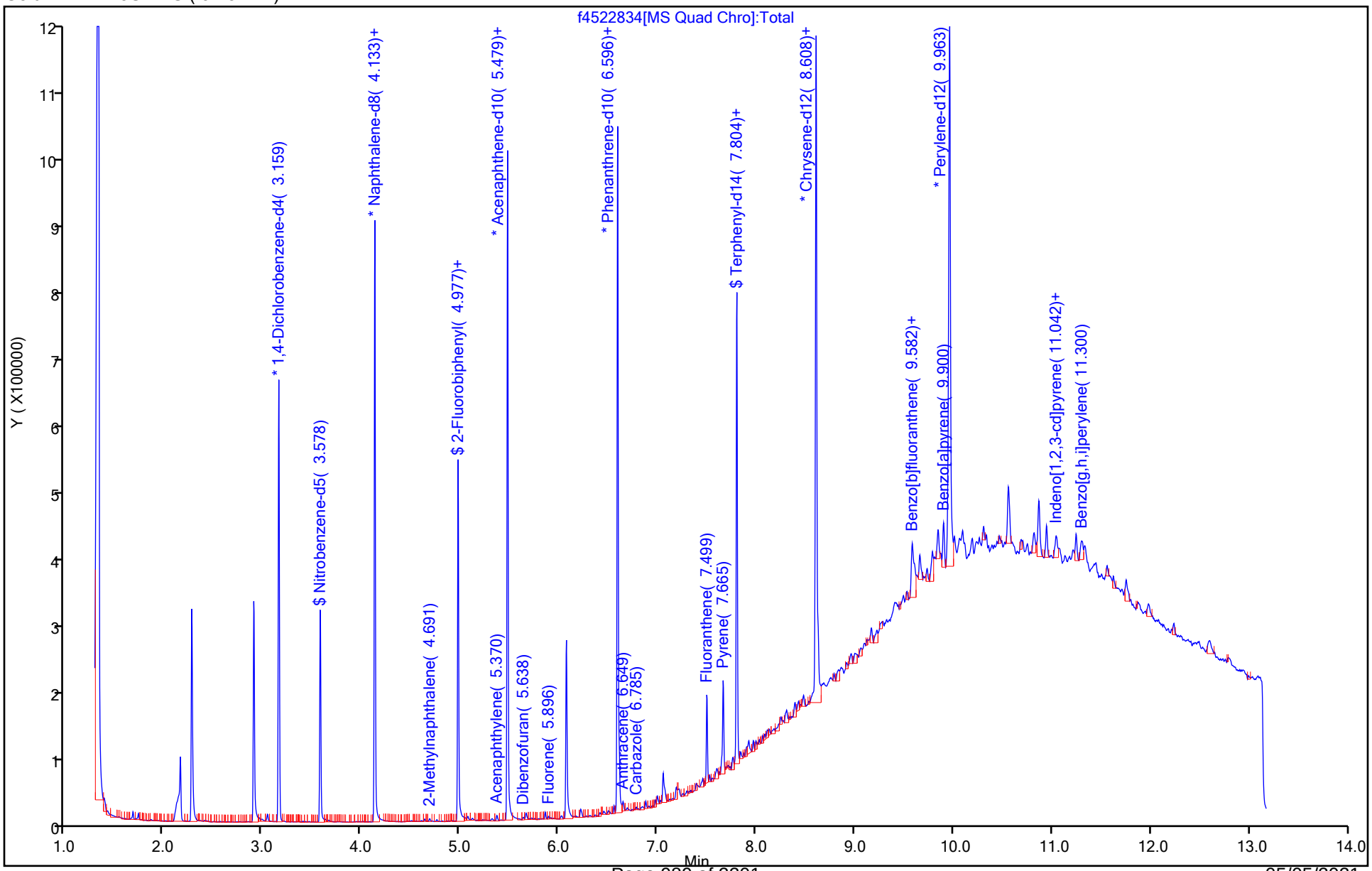
Report Date: 30-Apr-2021 16:06:29 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522834.D

Injection Date:	30-Apr-2021 04:32:14	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	460-233032-E-5-B	Lab Sample ID:	460-233032-5	Worklist Smp#:	26
Client ID:	SB-05_0-2_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

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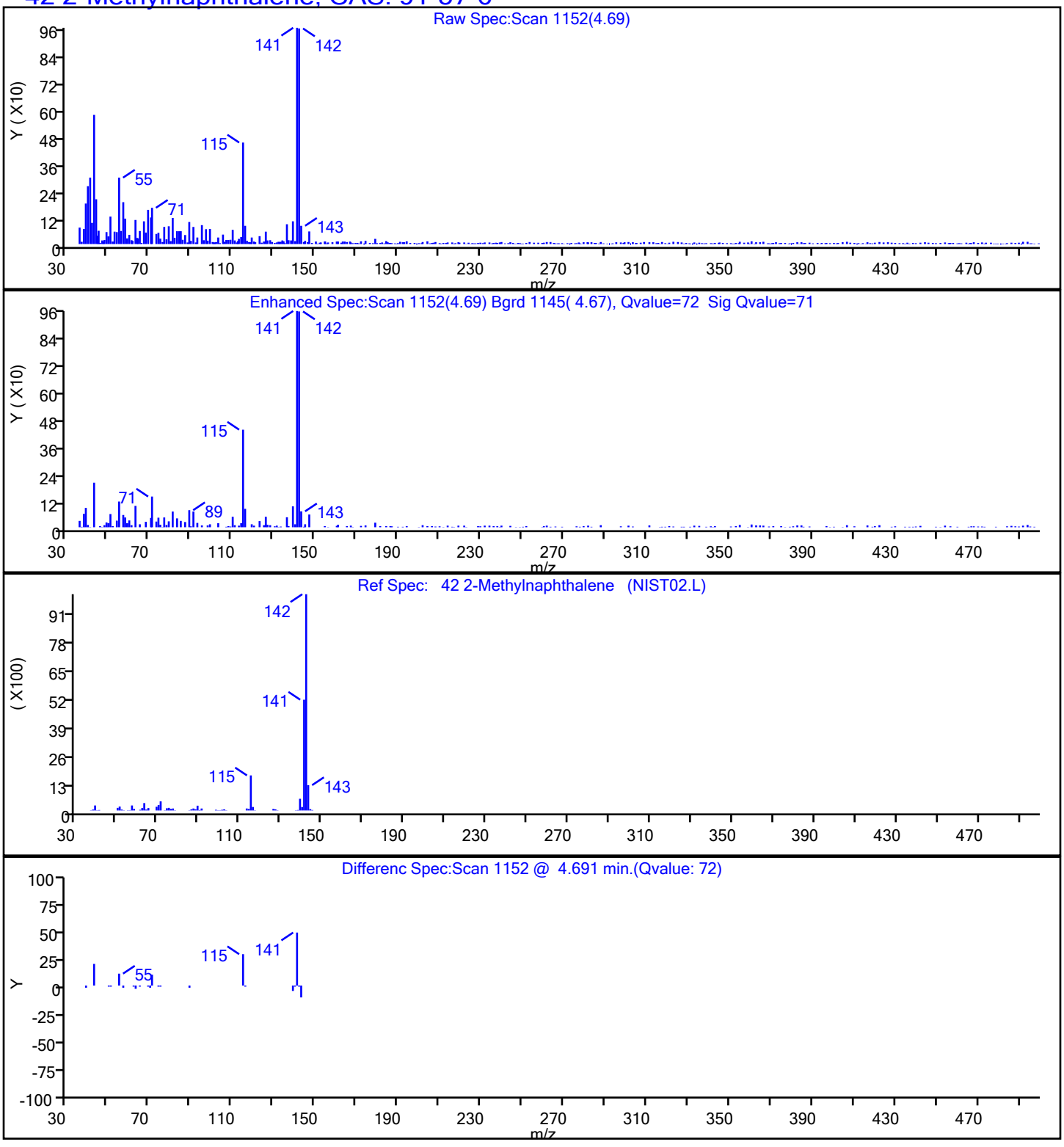
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

42 2-Methylnaphthalene, CAS: 91-57-6



Eurofins TestAmerica, Edison

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Client ID:	SB-05_0-2_20210427				
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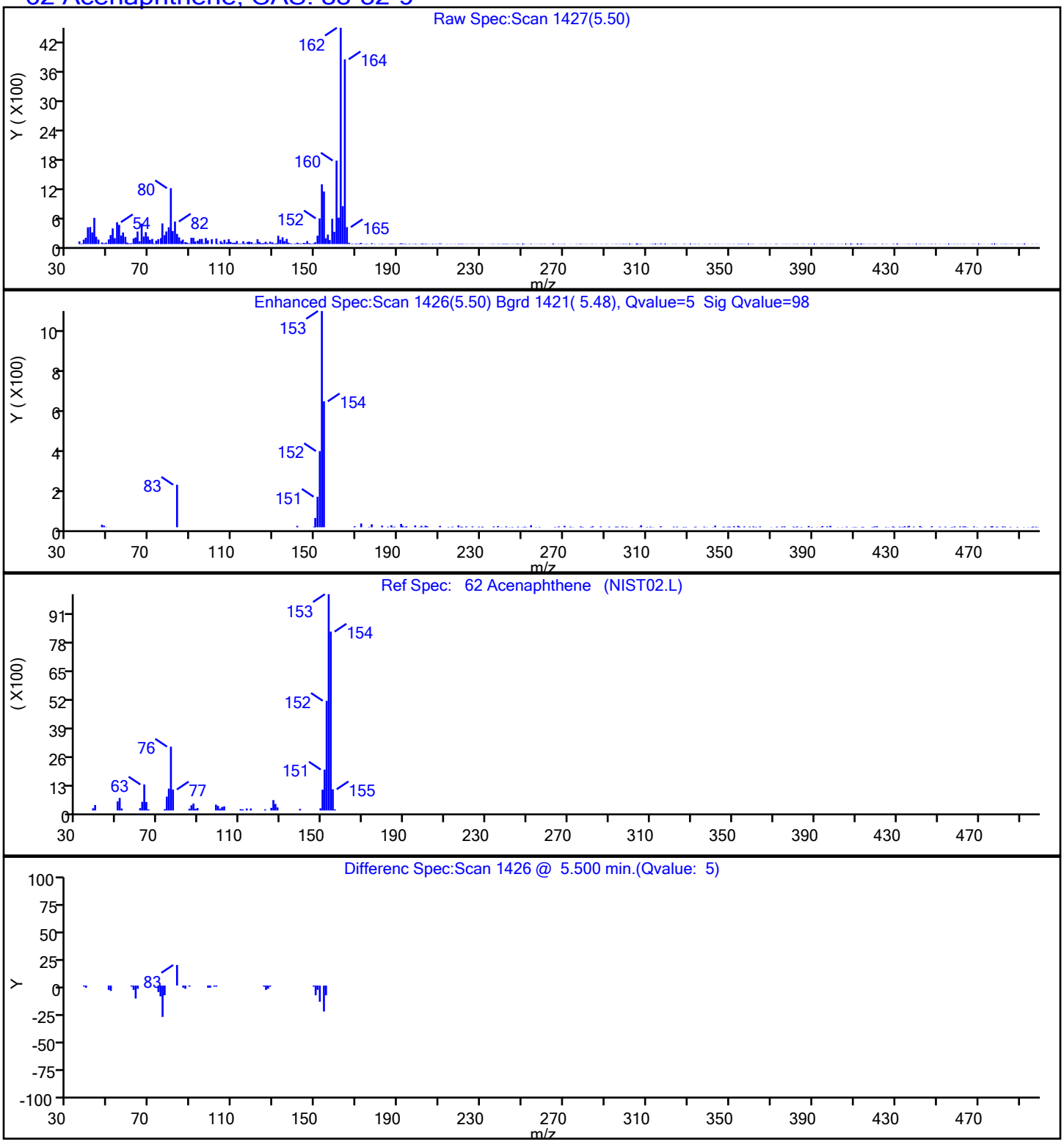
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9



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Eurofins TestAmerica, Edison

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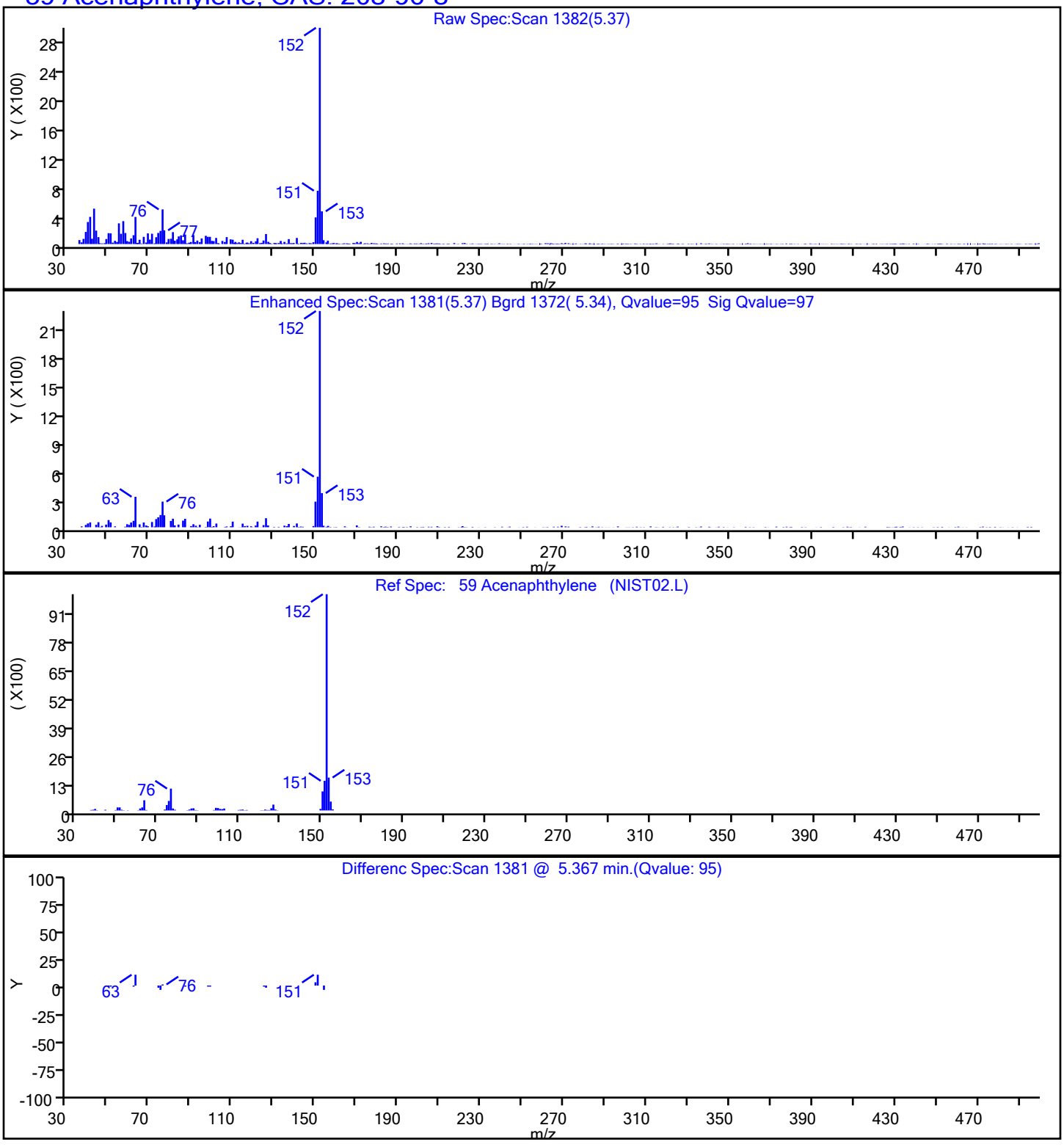
Client ID:	SB-05_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Acenaphthylene, CAS: 208-96-8



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Eurofins TestAmerica, Edison

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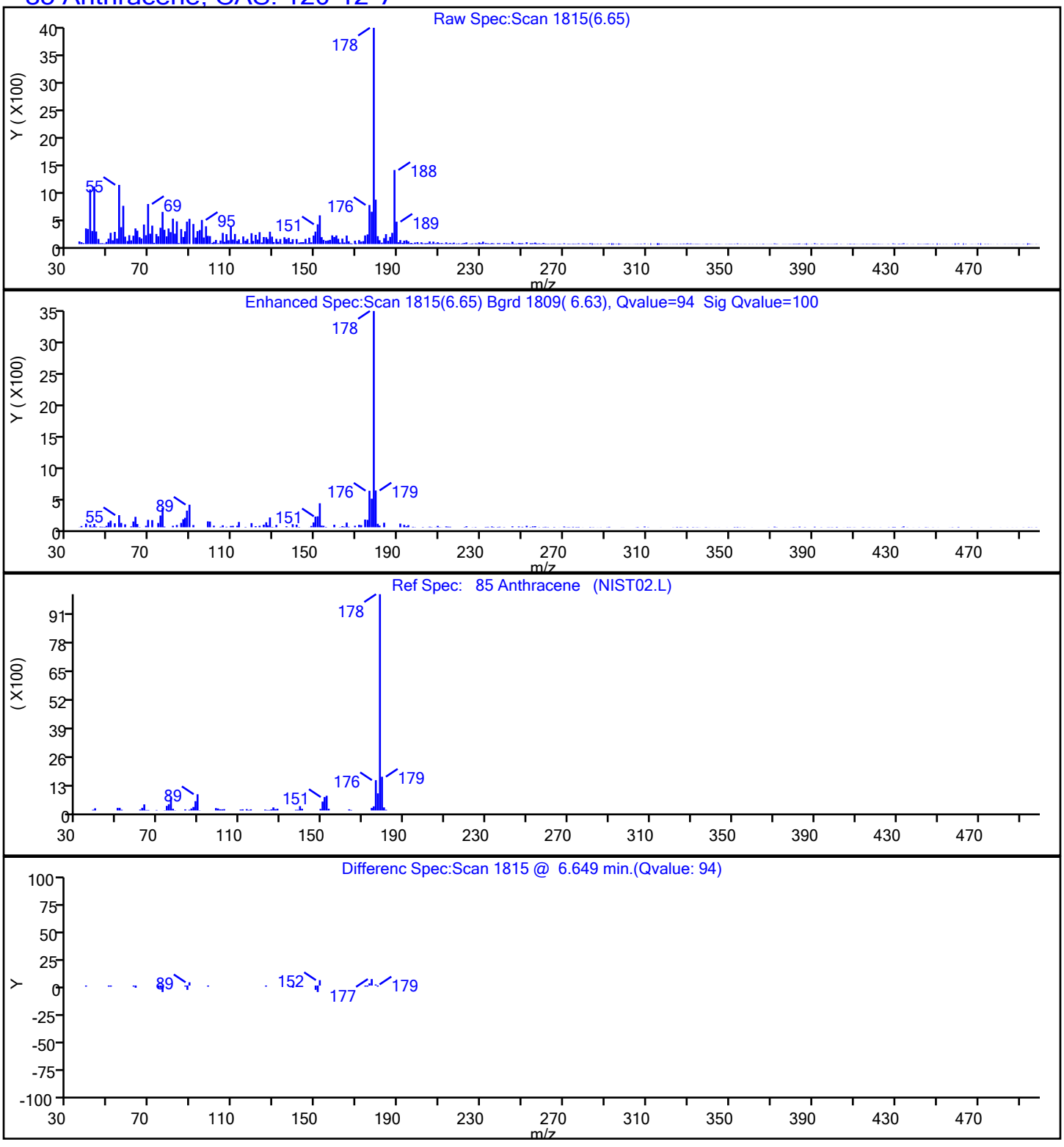
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

85 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

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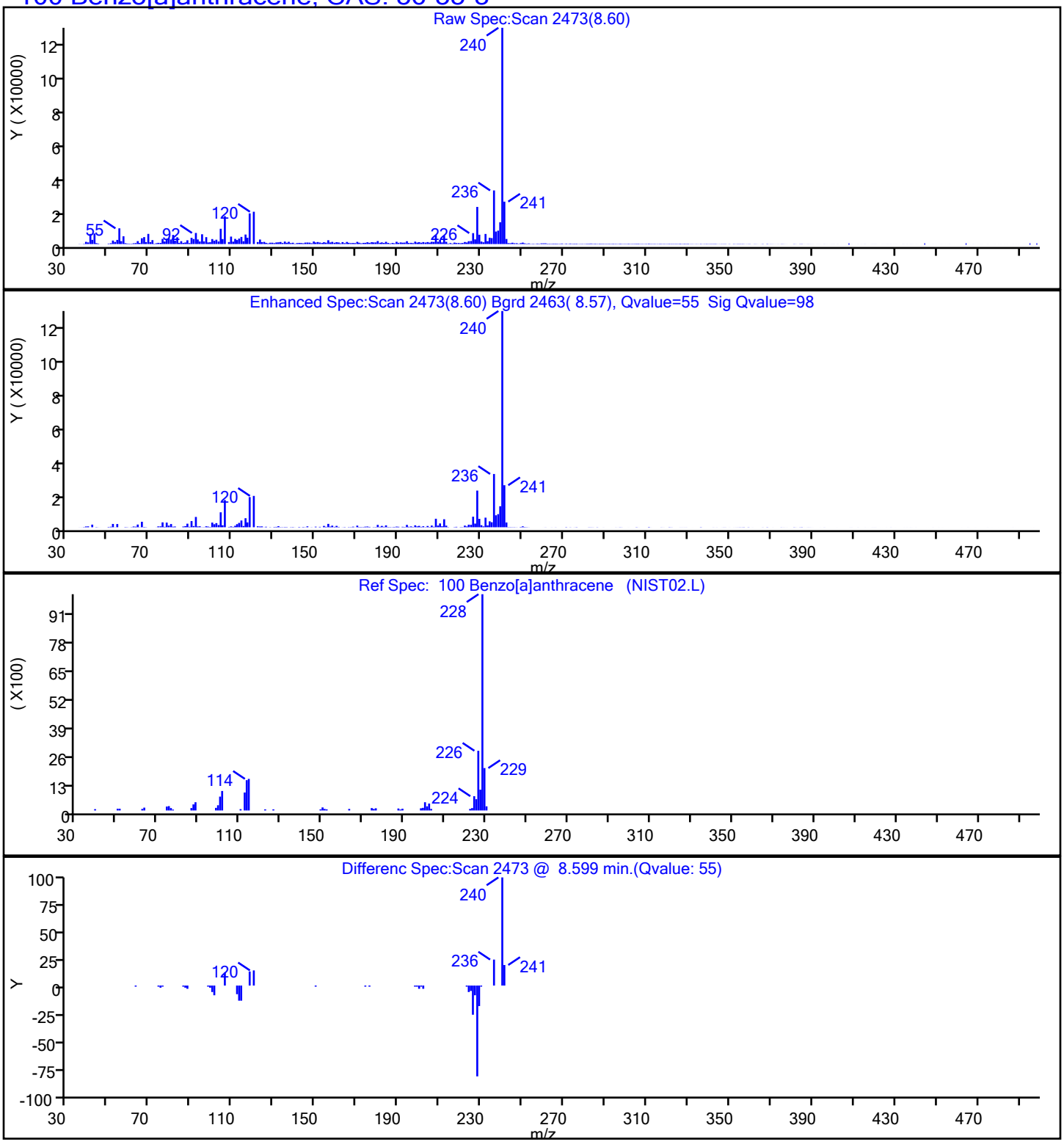
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

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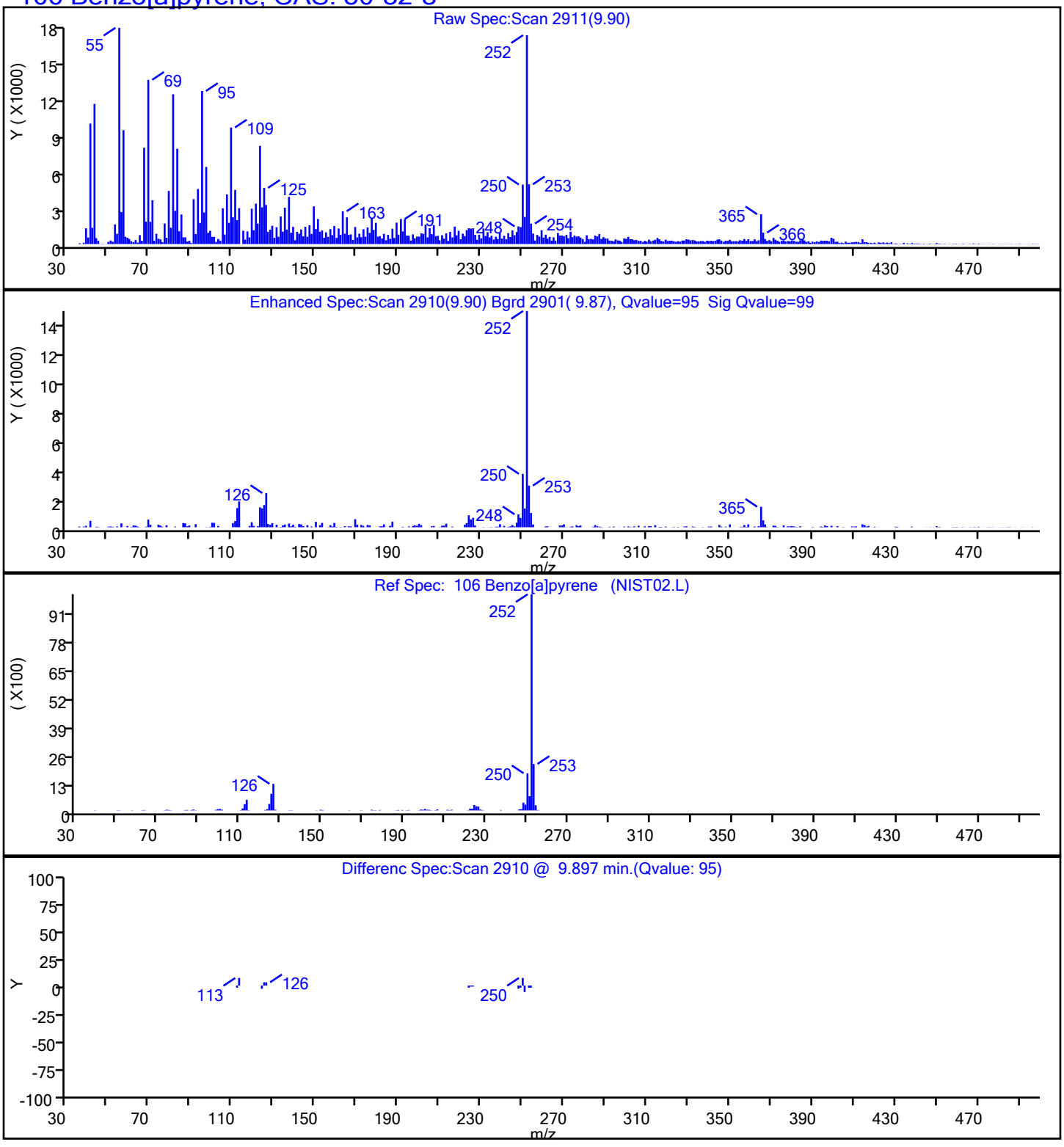
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

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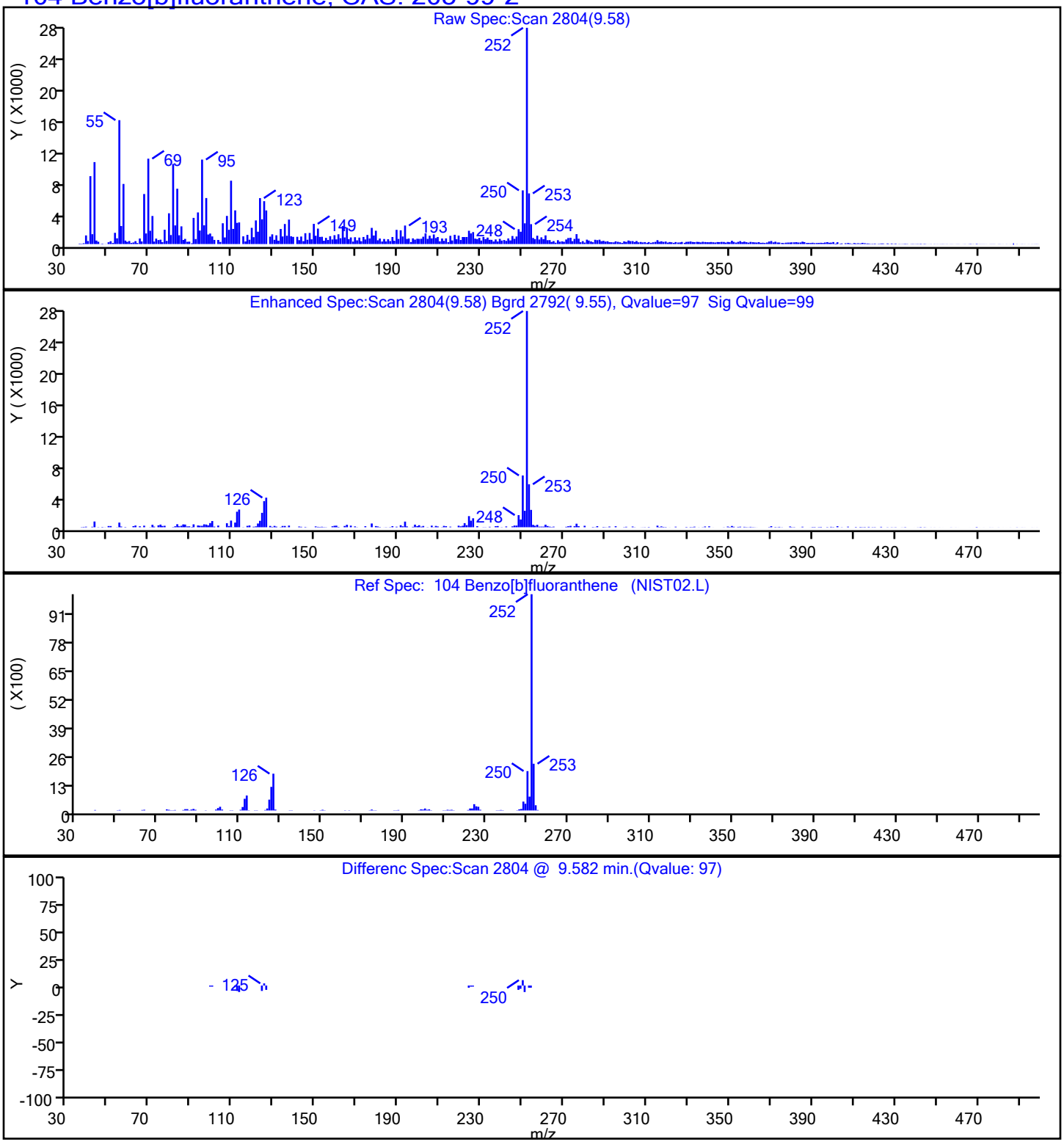
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Benzo[b]fluoranthene, CAS: 205-99-2



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Eurofins TestAmerica, Edison

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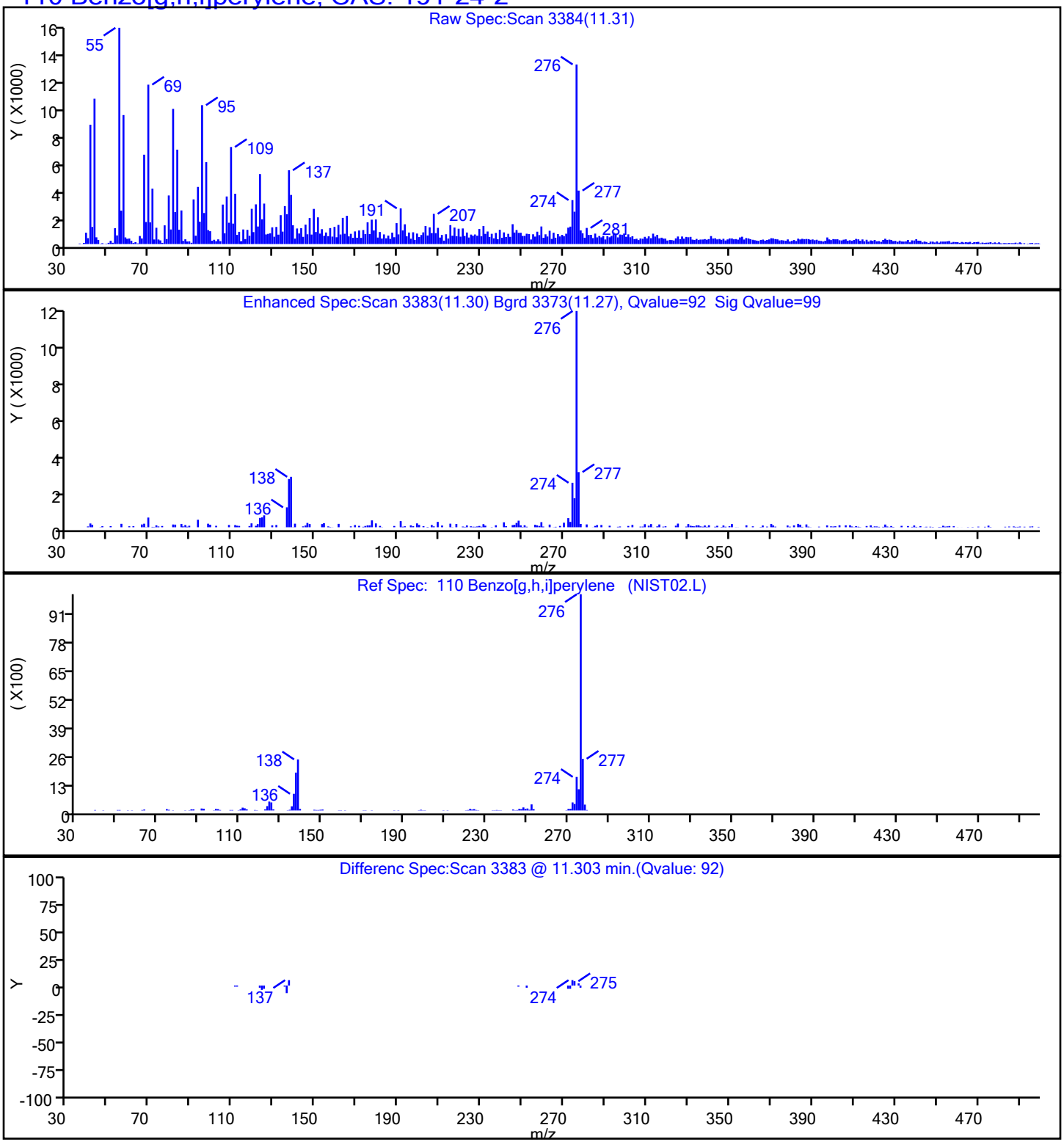
110 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

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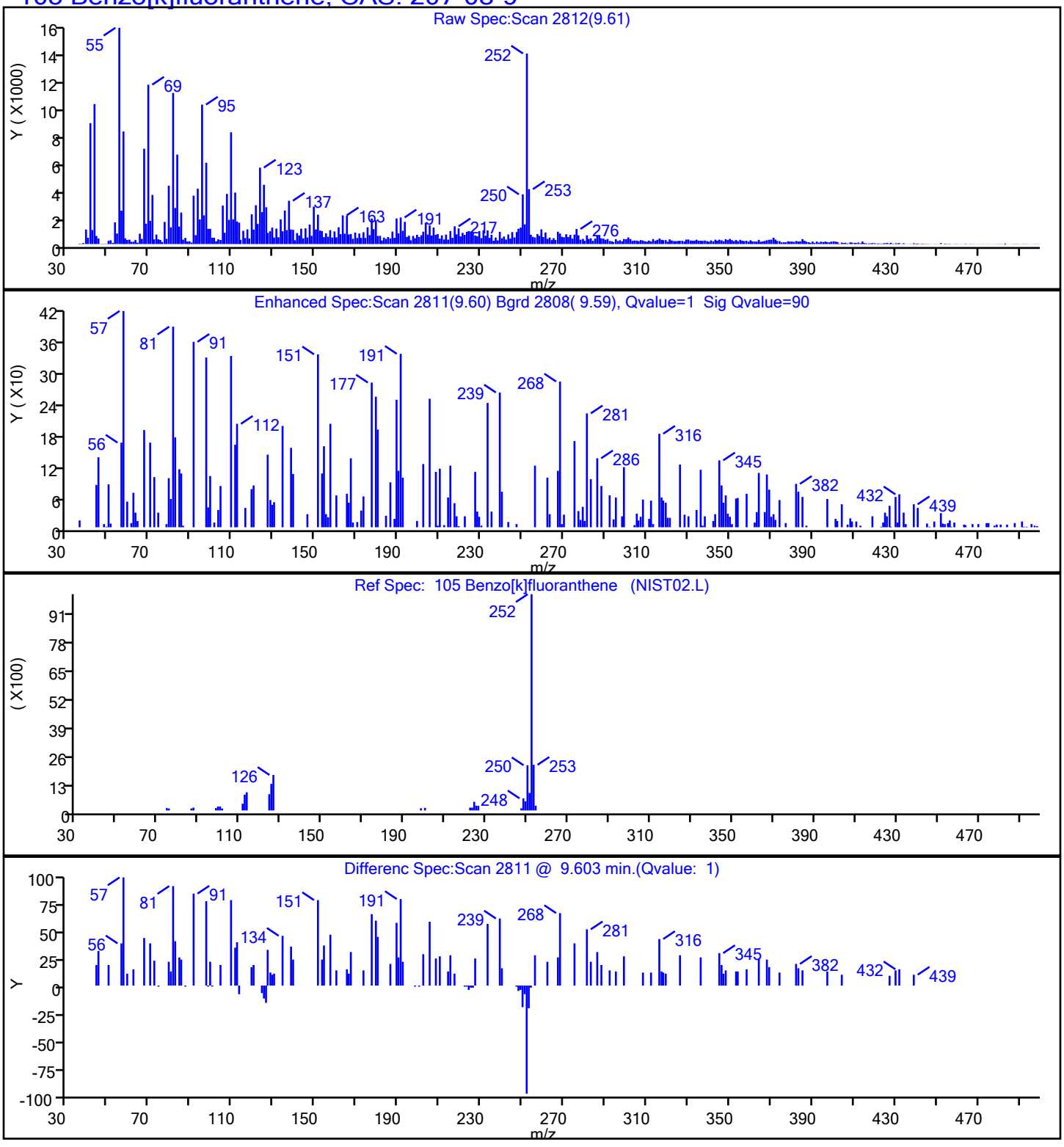
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

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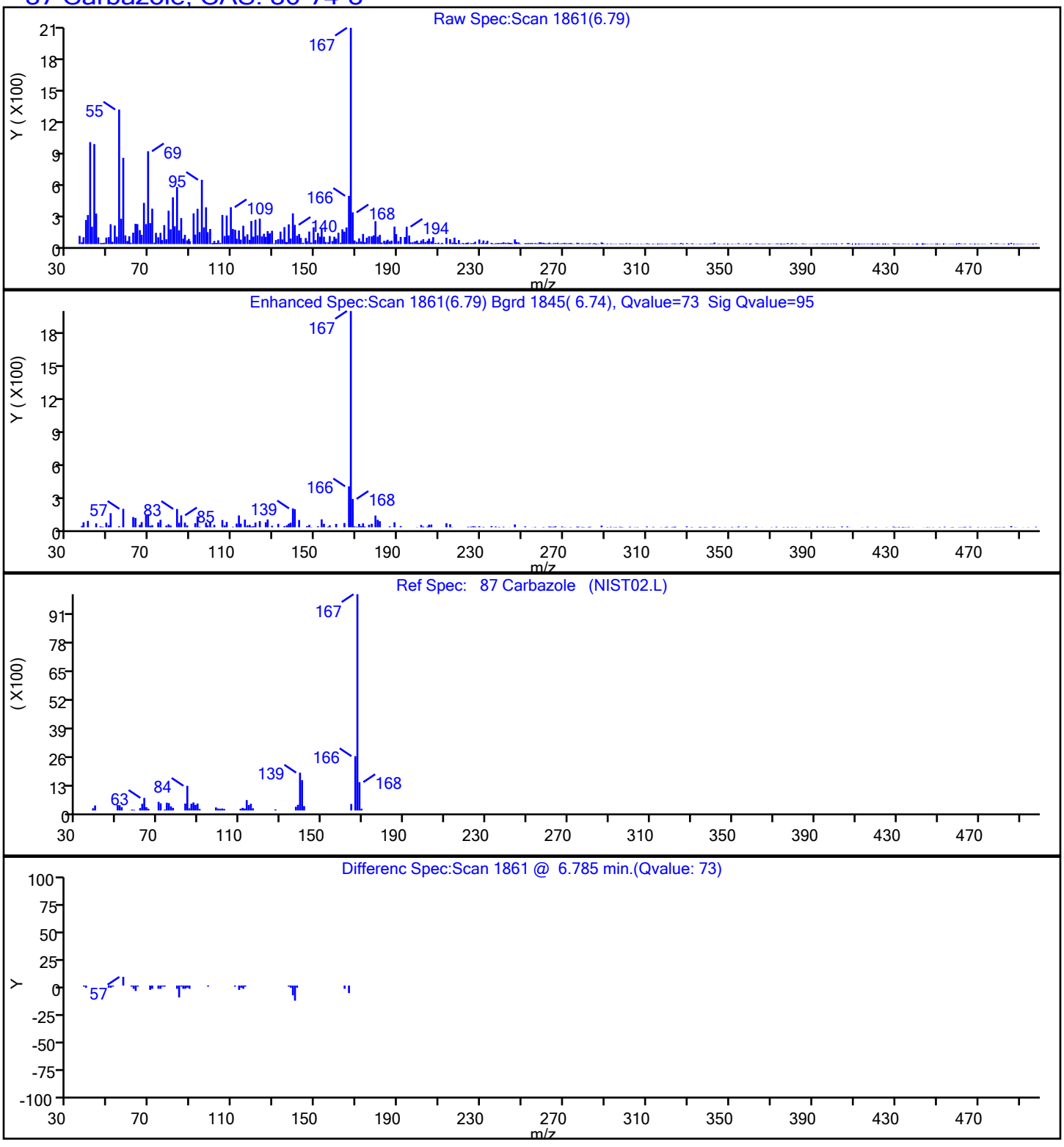
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

87 Carbazole, CAS: 86-74-8



Eurofins TestAmerica, Edison

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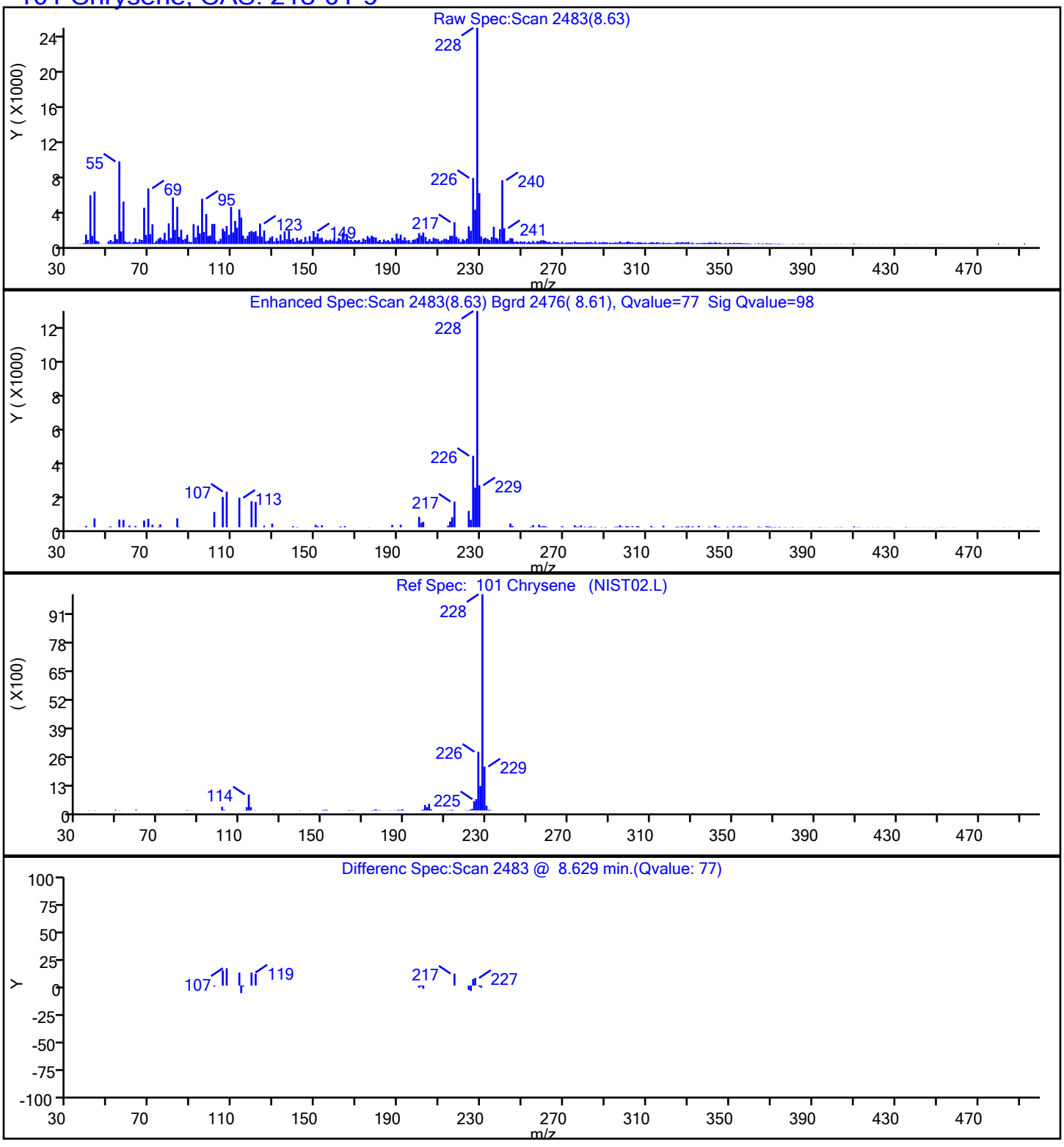
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

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Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
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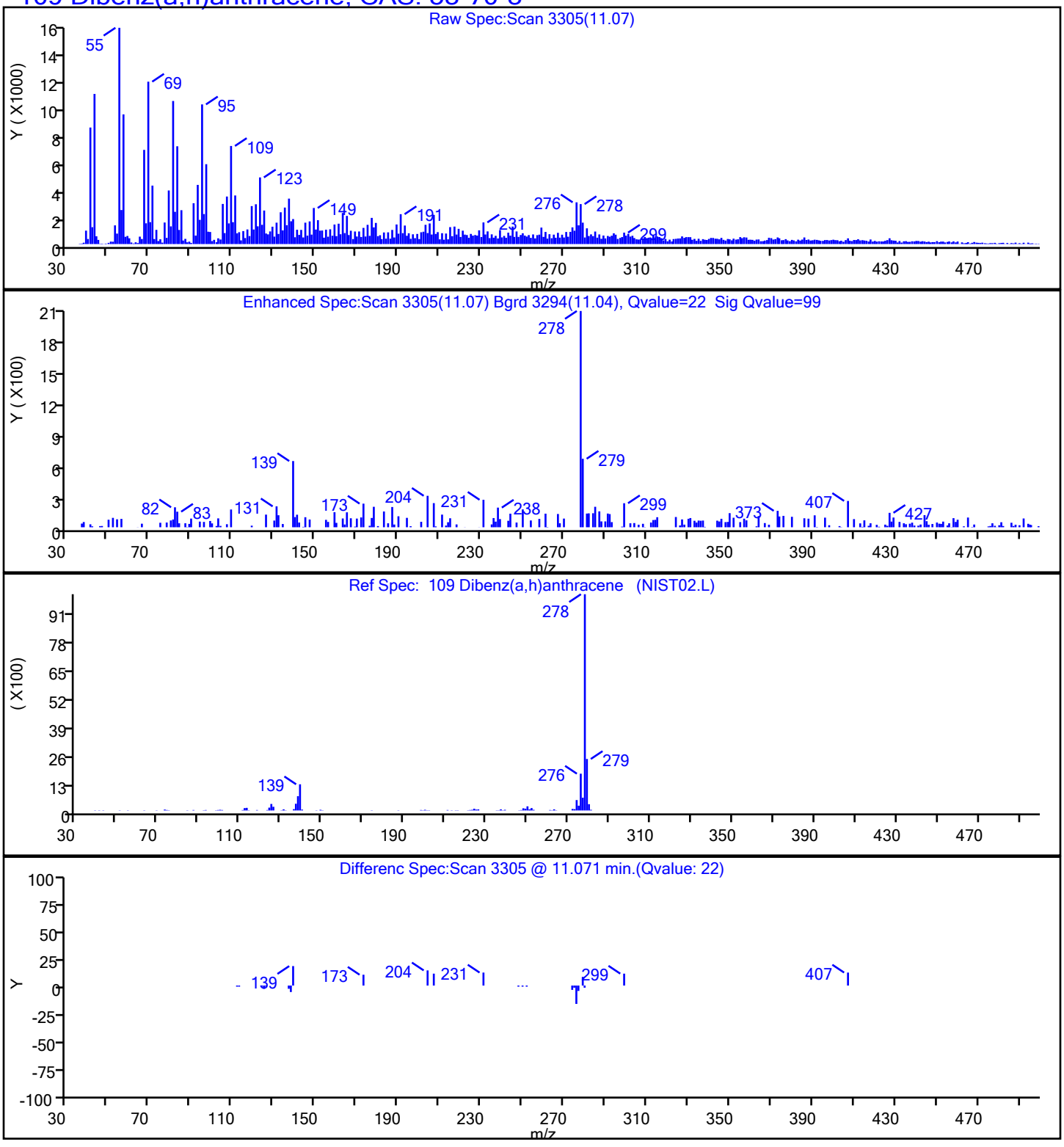
109 Dibenz(a,h)anthracene, CAS: 53-70-3



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Eurofins TestAmerica, Edison

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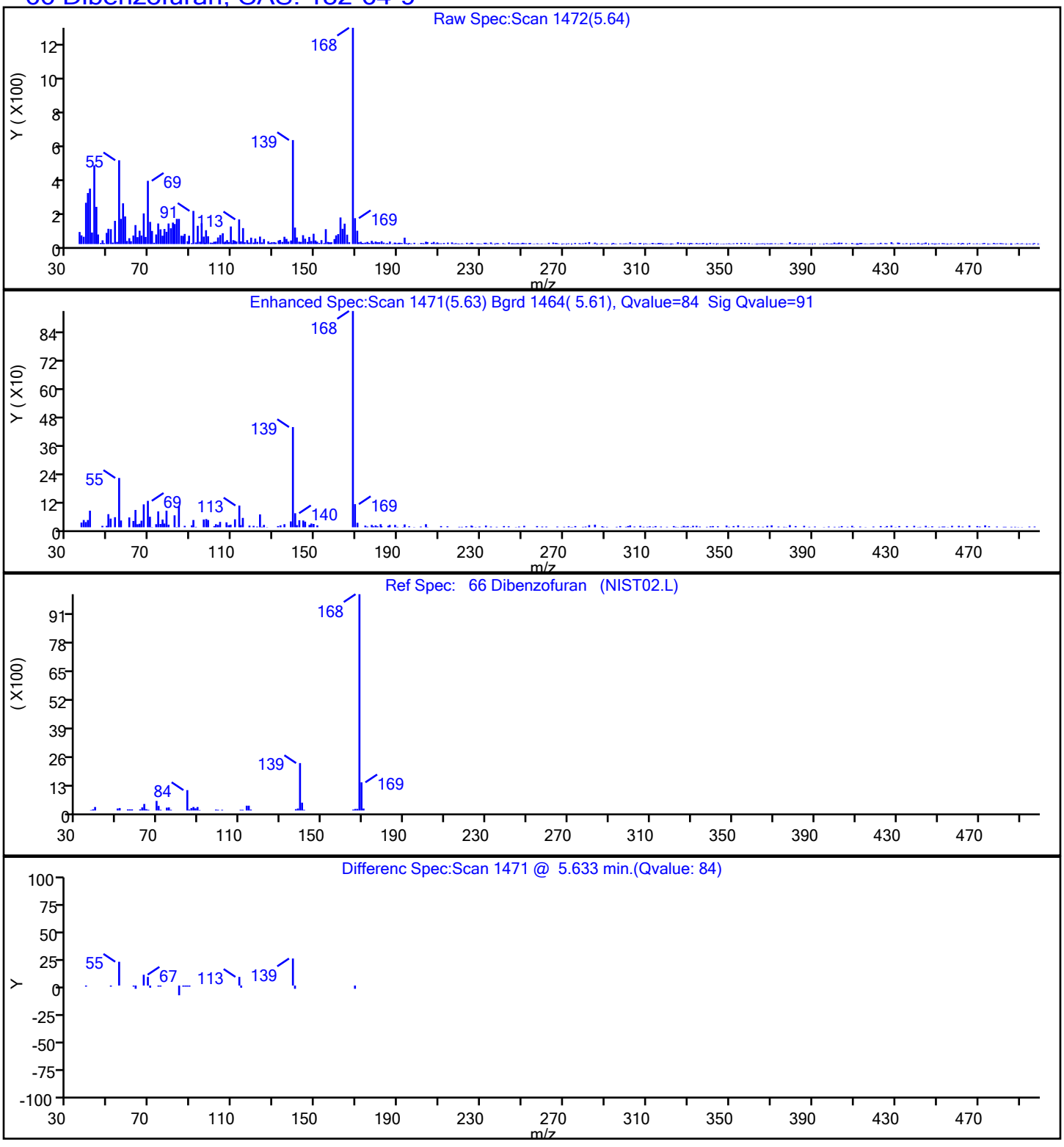
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Dibenzofuran, CAS: 132-64-9



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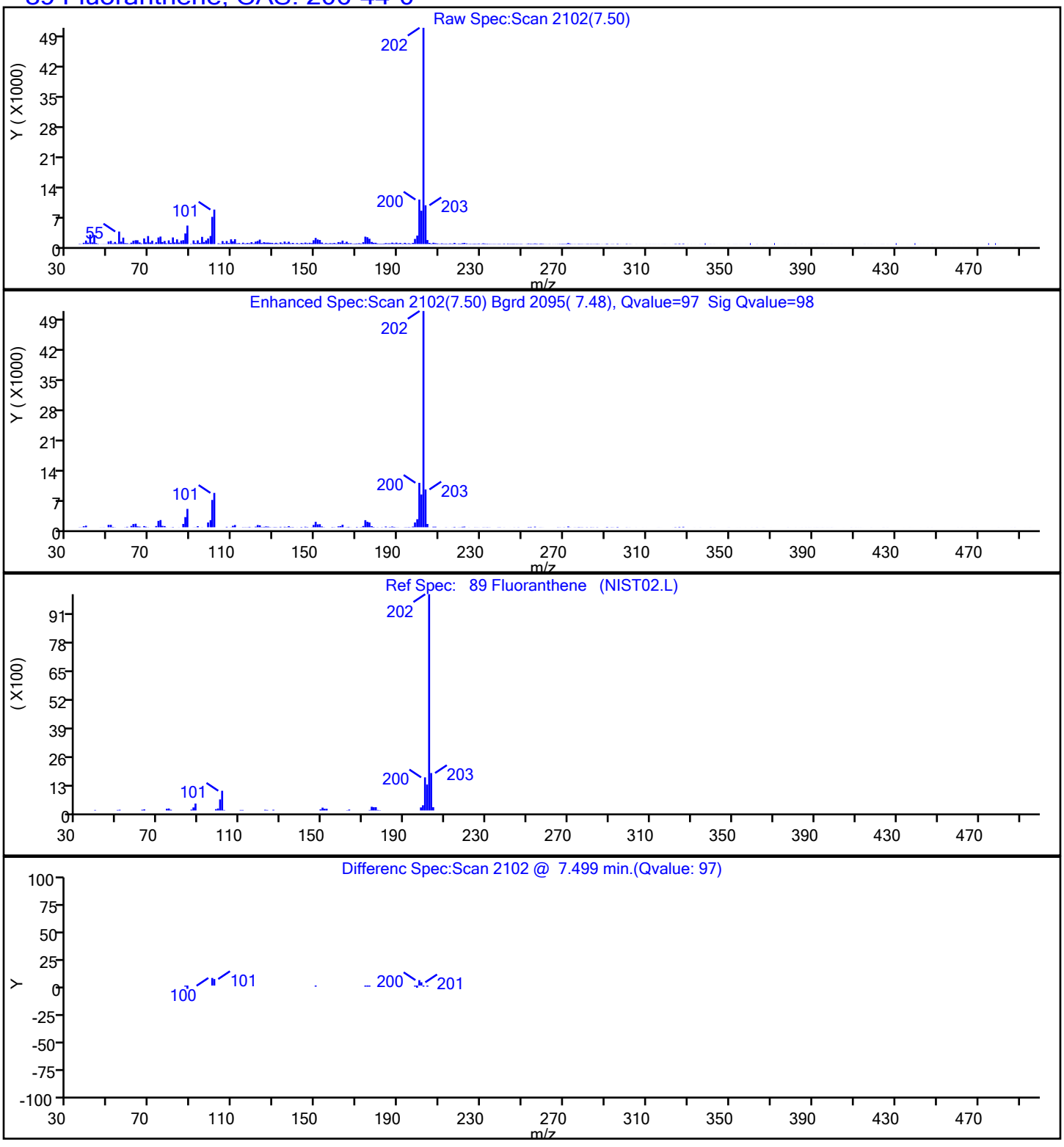
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Fluoranthene, CAS: 206-44-0



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Eurofins TestAmerica, Edison

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Injection Date:	30-Apr-2021 04:32:14	Instrument ID:	CBNAMS15		
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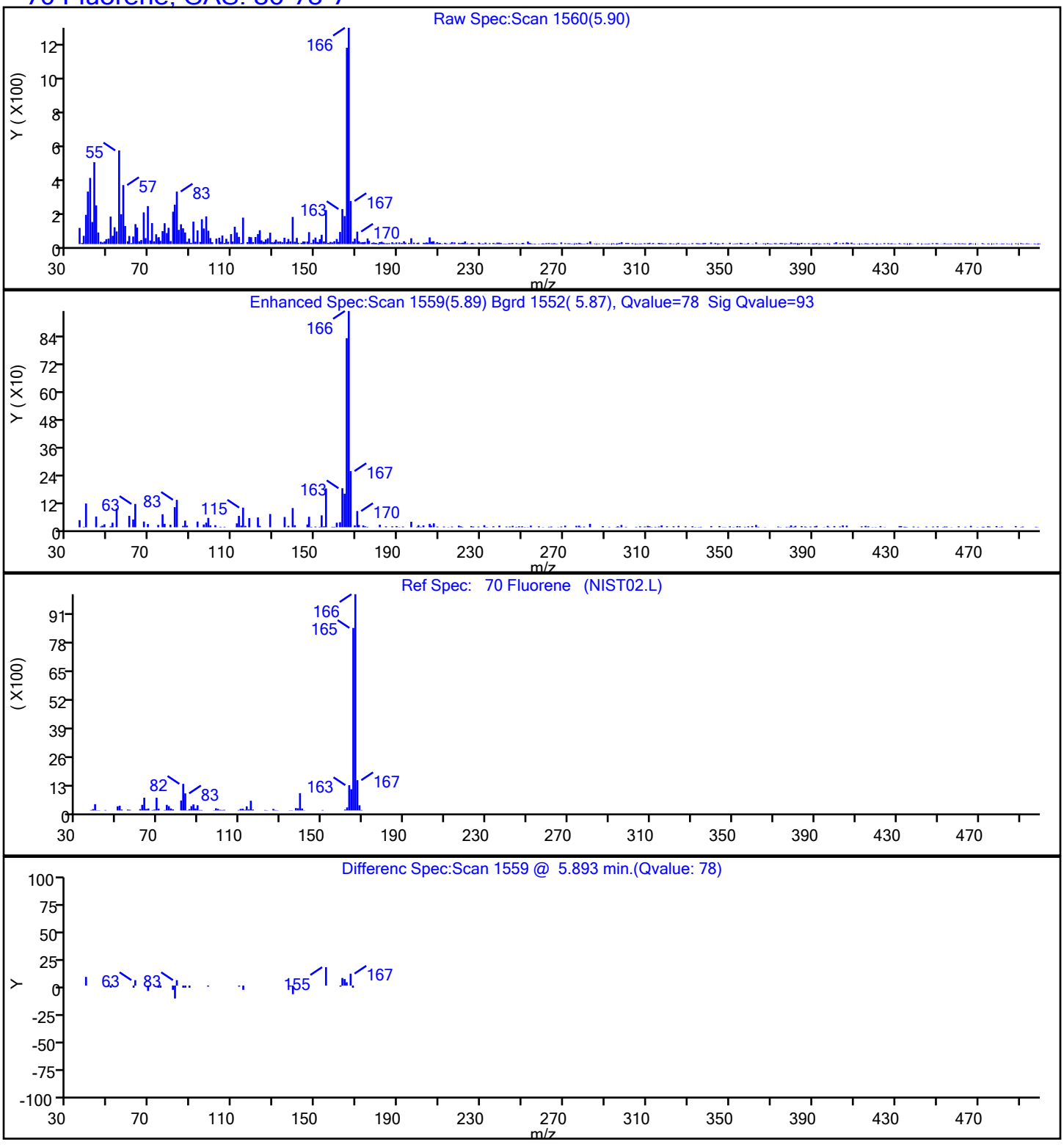
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

70 Fluorene, CAS: 86-73-7



Eurofins TestAmerica, Edison

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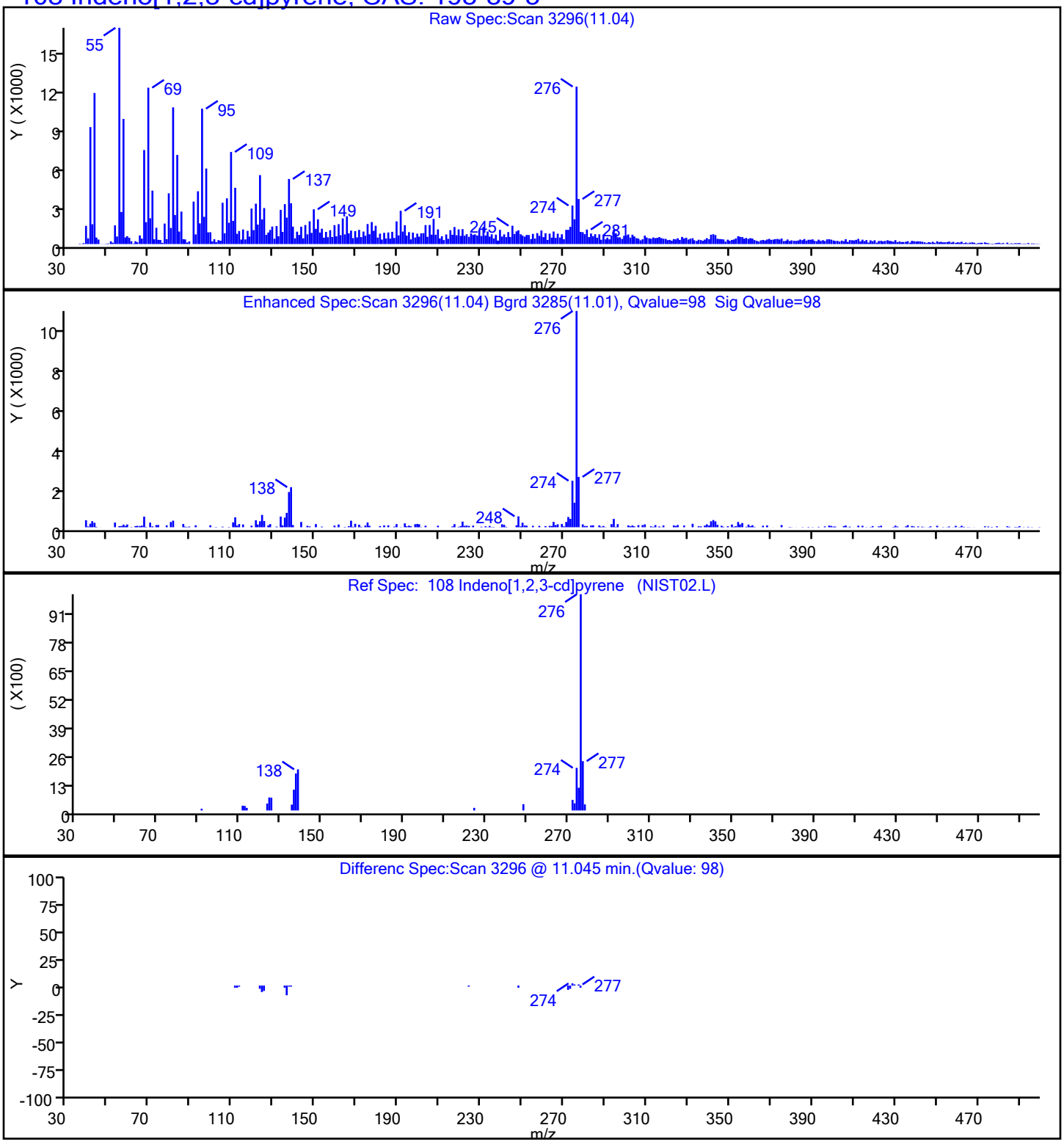
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

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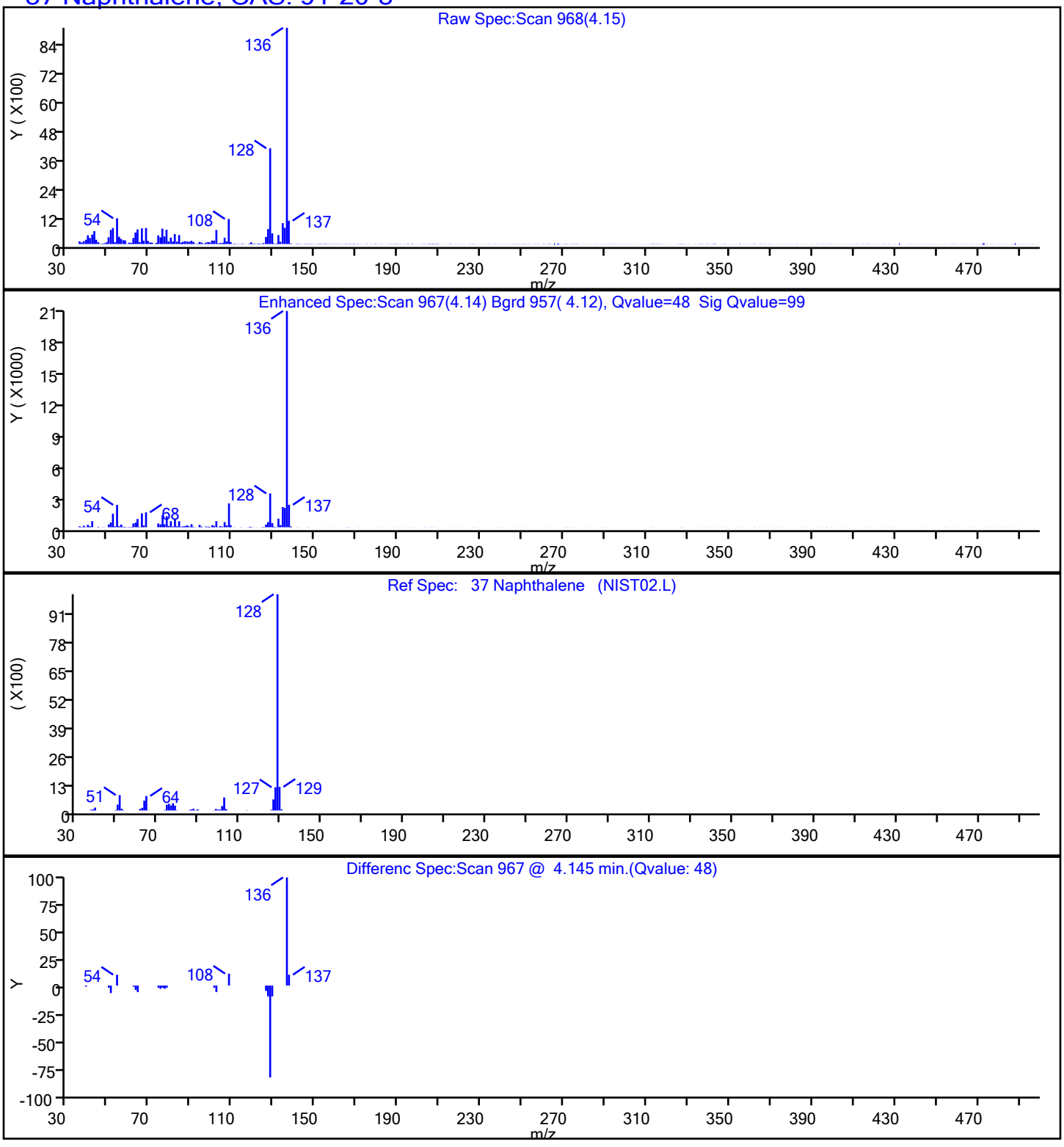
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

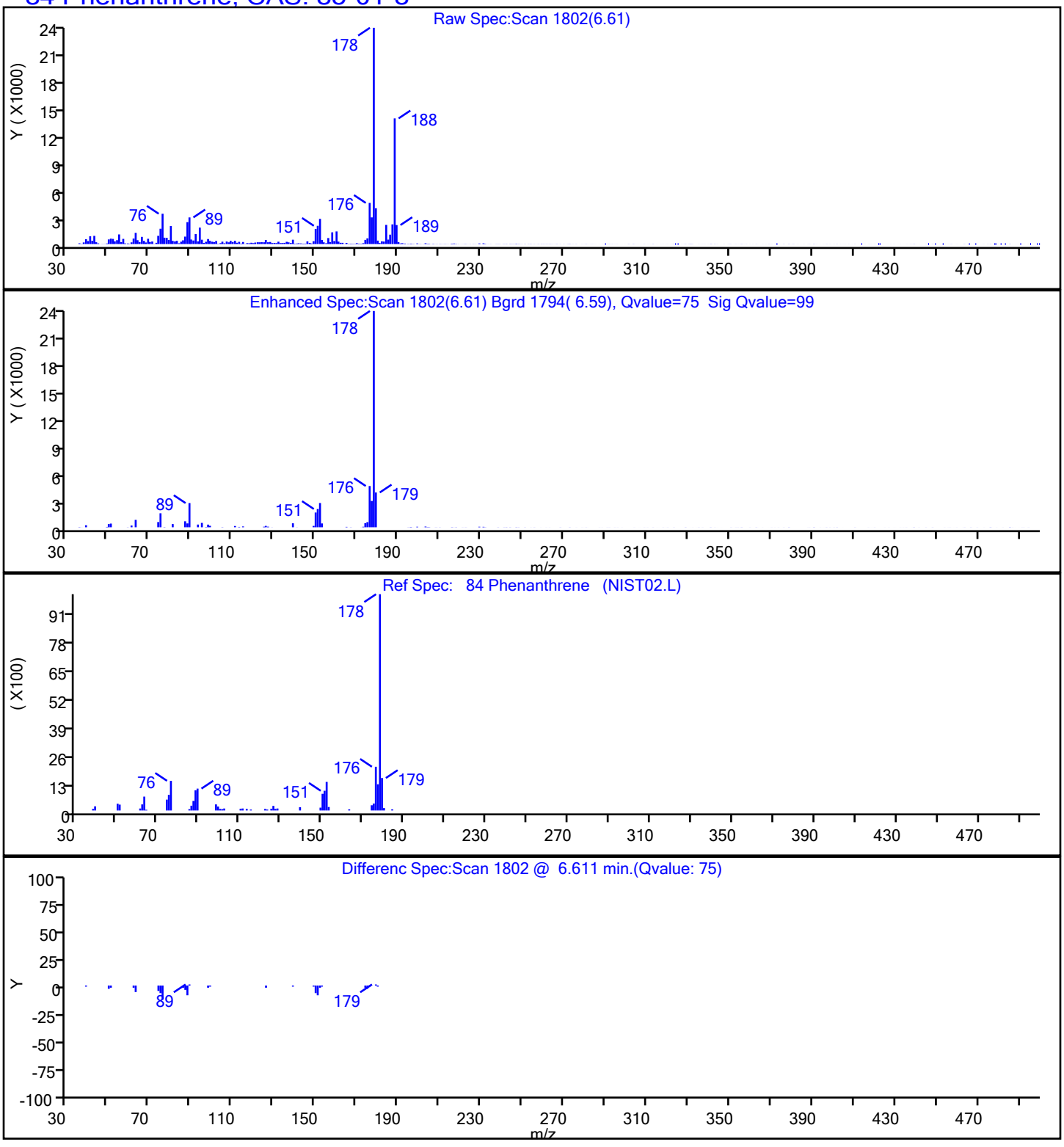
37 Naphthalene, CAS: 91-20-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522834.D				
Injection Date:	30-Apr-2021 04:32:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-5-B	Lab Sample ID:	460-233032-5		
Client ID:	SB-05_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

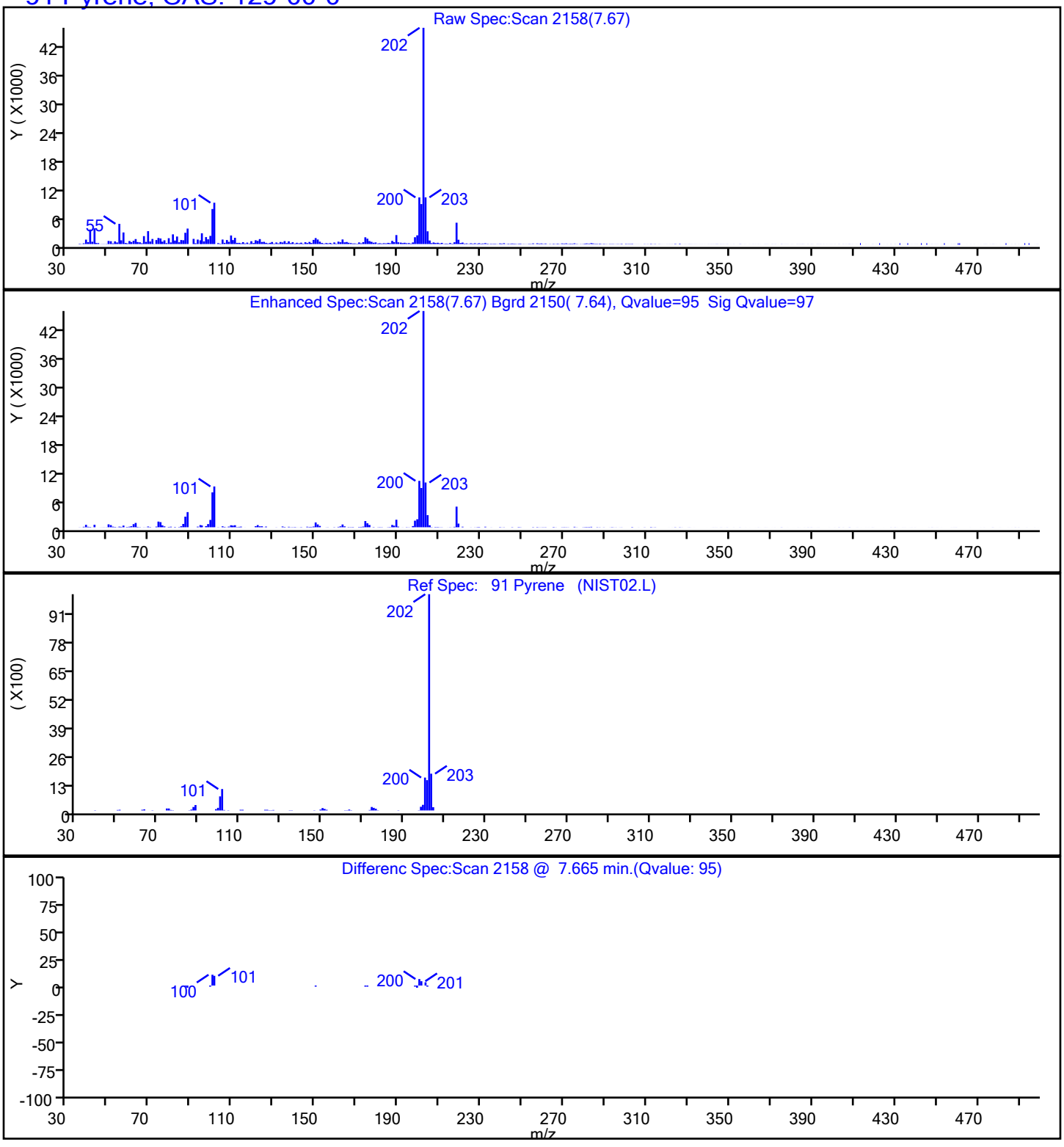
84 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522834.D				
Injection Date:	30-Apr-2021 04:32:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-5-B	Lab Sample ID:	460-233032-5		
Client ID:	SB-05_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Pyrene, CAS: 129-00-0



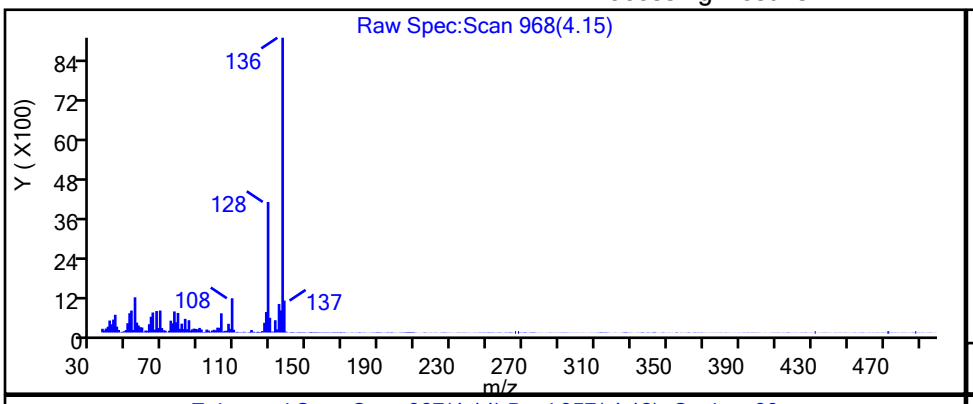
User Disabled Compound Report

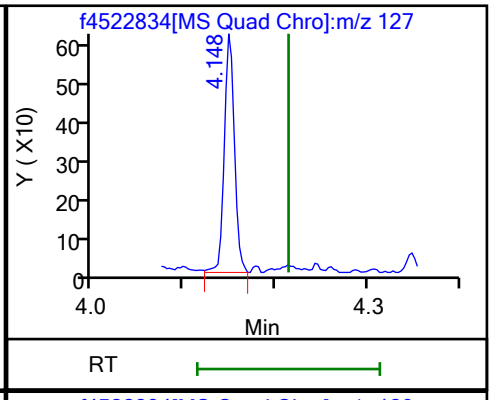
Eurofins TestAmerica, Edison

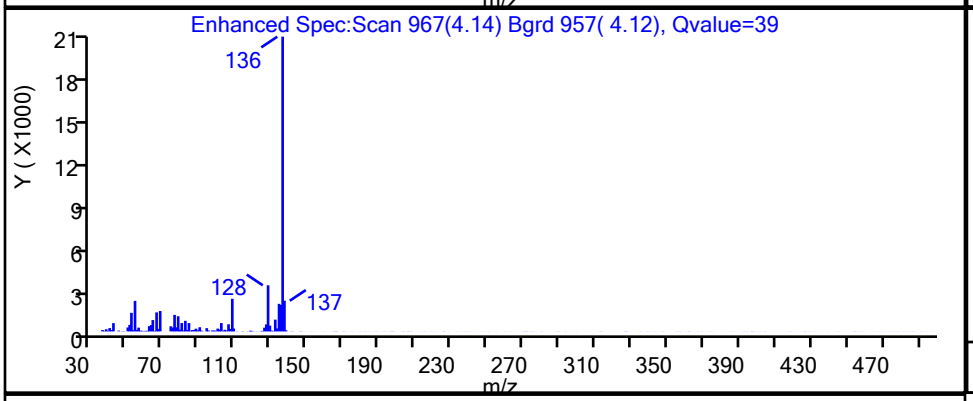
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522834.D				
Injection Date:	30-Apr-2021 04:32:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-5-B	Lab Sample ID:	460-233032-5		
Client ID:	SB-05_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

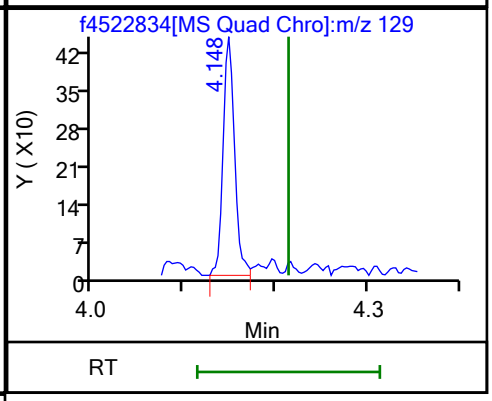
38 4-Chloroaniline, CAS: 106-47-8

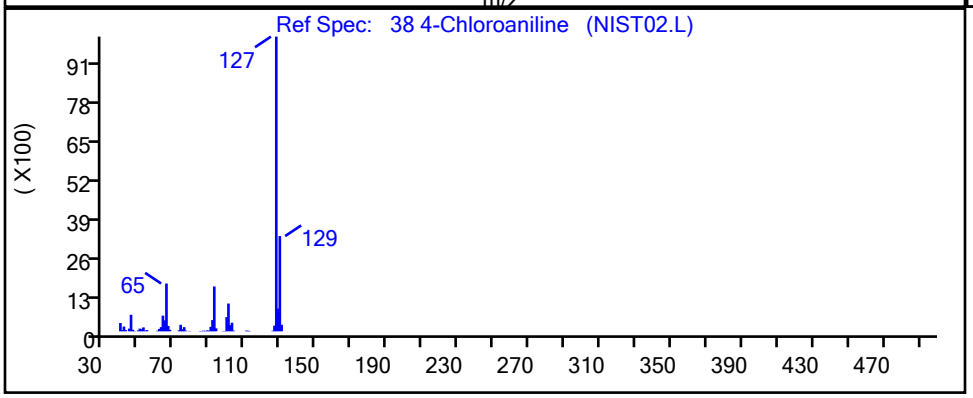
Processing Results











RT	Mass	Response	Amount
4.15	127.00	485	0.140288
4.15	129.00	393	

Reviewer: khlungprakhons, 30-Apr-2021 16:05:38

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

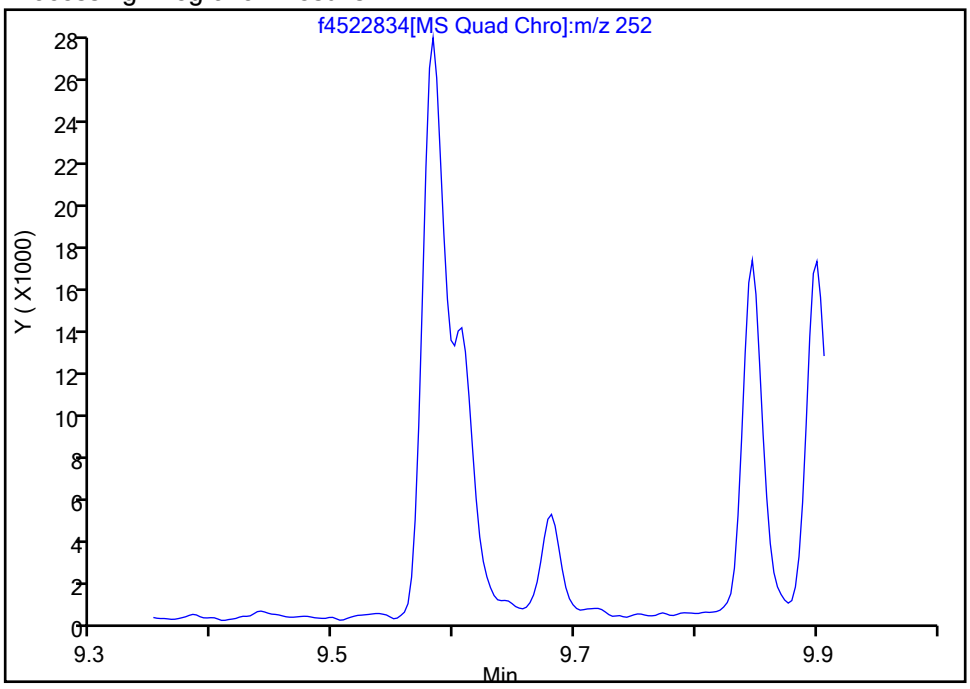
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522834.D				
Injection Date:	30-Apr-2021 04:32:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-5-B	Lab Sample ID:	460-233032-5		
Client ID:	SB-05_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

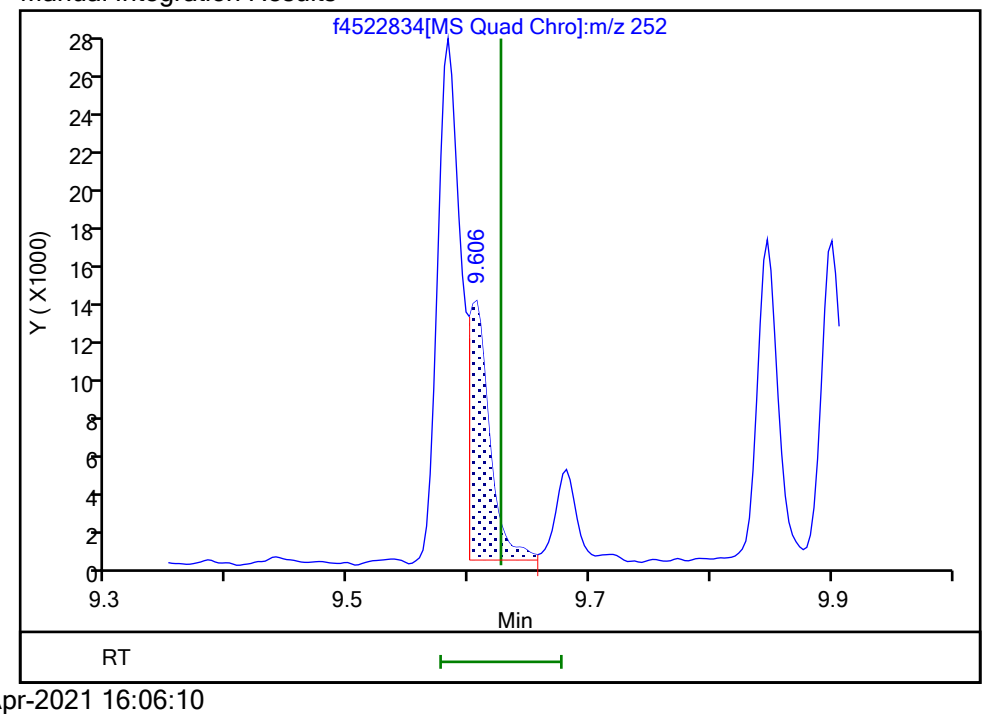
Not Detected
Expected RT: 9.63

Processing Integration Results



Manual Integration Results

RT: 9.61
Area: 15873
Amount: 1.607813
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-Apr-2021 16:06:10
Audit Action: Manually Integrated Audit Reason: Assign Peak

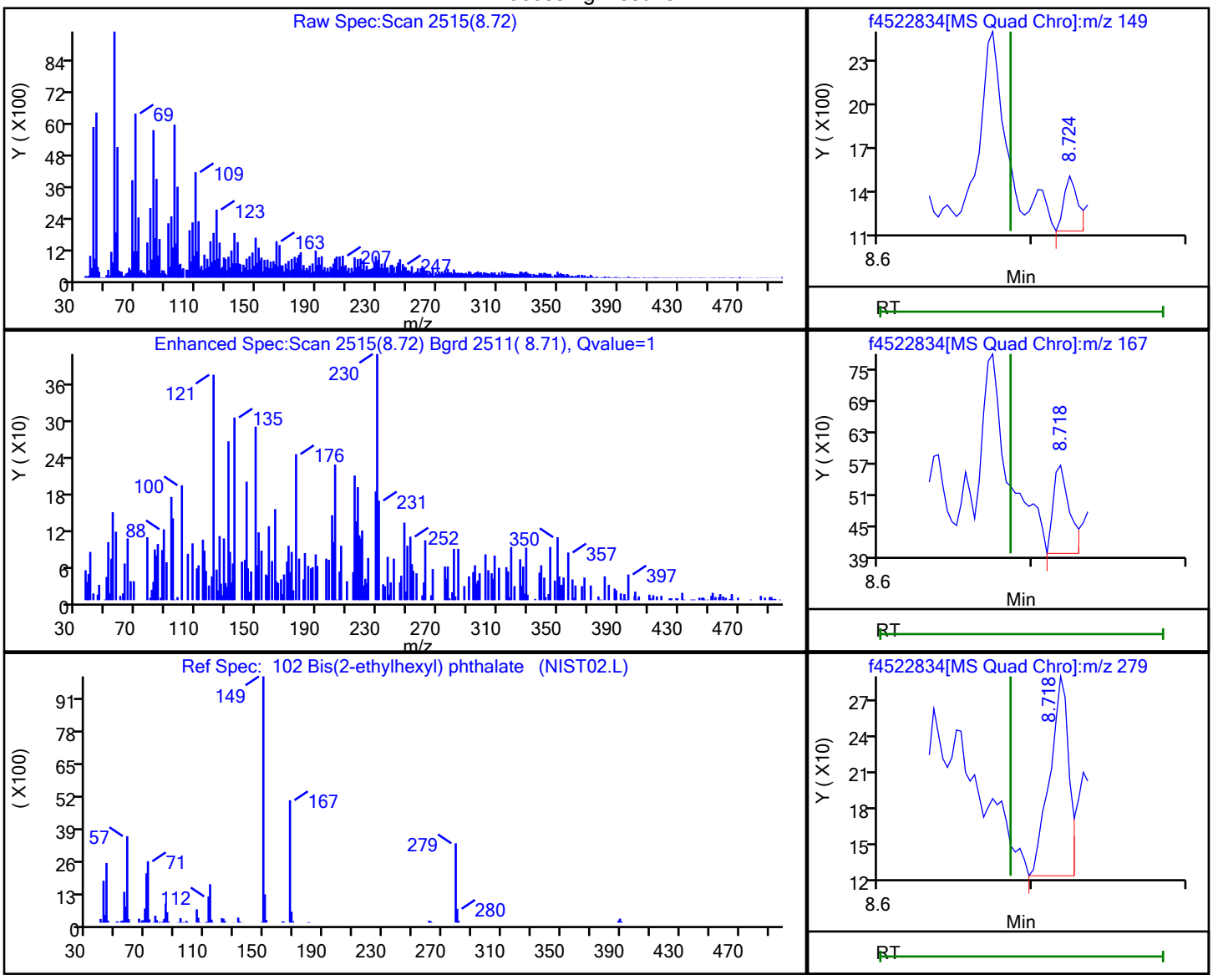
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522834.D				
Injection Date:	30-Apr-2021 04:32:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-5-B	Lab Sample ID:	460-233032-5		
Client ID:	SB-05_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

102 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Processing Results



RT	Mass	Response	Amount
8.72	149.00	211	0.028649
8.72	167.00	123	
8.72	279.00	140	

Reviewer: khlungprakhons, 30-Apr-2021 16:06:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

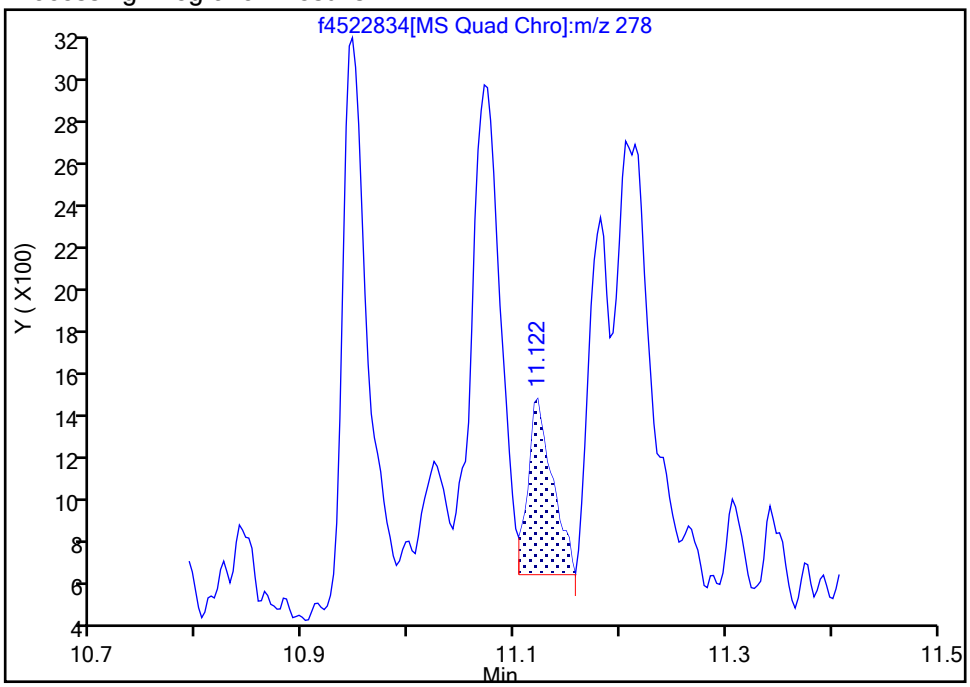
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522834.D				
Injection Date:	30-Apr-2021 04:32:14	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-5-B	Lab Sample ID:	460-233032-5		
Client ID:	SB-05_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

109 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

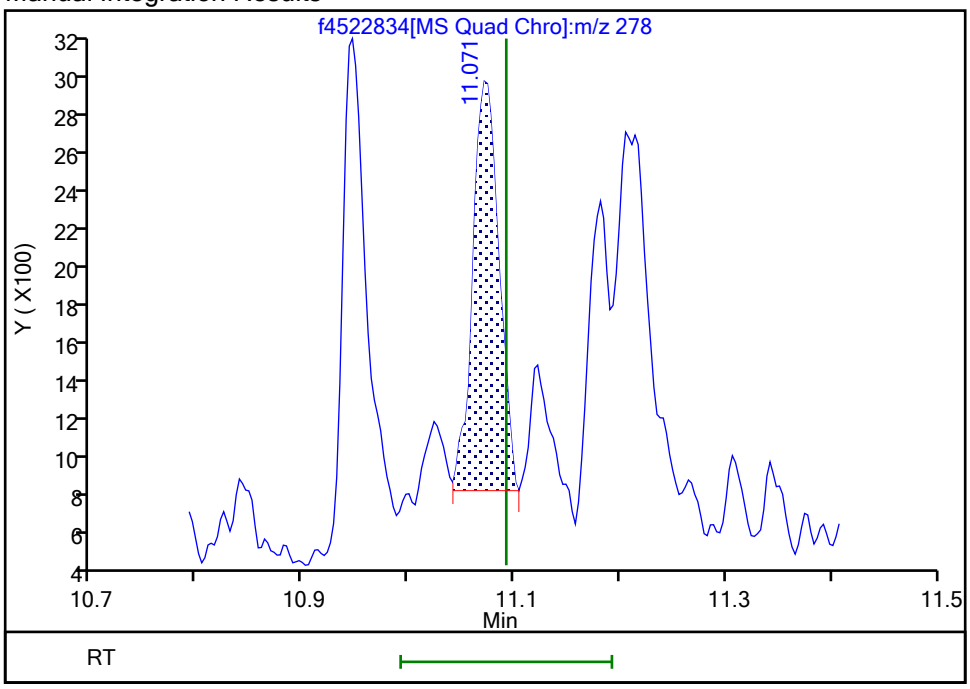
Processing Integration Results

RT: 11.12
Area: 1335
Amount: 0.153678
Amount Units: ug/ml



Manual Integration Results

RT: 11.07
Area: 3677
Amount: 0.423277
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-Apr-2021 16:06:16
Audit Action: Assigned Compound ID Audit Reason: Assign Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-05_3-5_20210427 Lab Sample ID: 460-233032-6

Matrix: Solid Lab File ID: f4522826.D

Analysis Method: 8270E Date Collected: 04/27/2021 10:30

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 02:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.038	U	0.038	0.0099
95-50-1	1,2-Dichlorobenzene	0.38	U	0.38	0.0066
541-73-1	1,3-Dichlorobenzene	0.38	U	0.38	0.0051
106-46-7	1,4-Dichlorobenzene	0.38	U	0.38	0.015
108-60-1	2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0070
121-14-2	2,4-Dinitrotoluene	0.078	U	0.078	0.042
606-20-2	2,6-Dinitrotoluene	0.078	U	0.078	0.028
91-58-7	2-Chloronaphthalene	0.38	U	0.38	0.018
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.011
88-74-4	2-Nitroaniline	0.38	U	0.38	0.014
91-94-1	3,3'-Dichlorobenzidine	0.16	U	0.16	0.058
99-09-2	3-Nitroaniline	0.38	U	0.38	0.043
101-55-3	4-Bromophenyl phenyl ether	0.38	U	0.38	0.015
106-47-8	4-Chloroaniline	0.38	U	0.38	0.068
7005-72-3	4-Chlorophenyl phenyl ether	0.38	U	0.38	0.014
100-01-6	4-Nitroaniline	0.38	U	0.38	0.044
83-32-9	Acenaphthene	0.38	U	0.38	0.011
208-96-8	Acenaphthylene	0.38	U	0.38	0.0039
120-12-7	Anthracene	0.38	U	0.38	0.012
56-55-3	Benzo[a]anthracene	0.035	J	0.038	0.013
50-32-8	Benzo[a]pyrene	0.032	J	0.038	0.010
205-99-2	Benzo[b]fluoranthene	0.055		0.038	0.010
191-24-2	Benzo[g,h,i]perylene	0.022	J	0.38	0.011
207-08-9	Benzo[k]fluoranthene	0.020	J	0.038	0.0076
111-91-1	Bis(2-chloroethoxy)methane	0.38	U	0.38	0.030
111-44-4	Bis(2-chloroethyl)ether	0.038	U	0.038	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020
85-68-7	Butyl benzyl phthalate	0.38	U	0.38	0.018
86-74-8	Carbazole	0.38	U	0.38	0.015
218-01-9	Chrysene	0.039	J	0.38	0.0065
53-70-3	Dibenz(a,h)anthracene	0.038	U	0.038	0.017
132-64-9	Dibenzofuran	0.38	U	0.38	0.0054
84-66-2	Diethyl phthalate	0.38	U	0.38	0.0056
131-11-3	Dimethyl phthalate	0.38	U	0.38	0.088

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-05_3-5_20210427 Lab Sample ID: 460-233032-6

Matrix: Solid Lab File ID: f4522826.D

Analysis Method: 8270E Date Collected: 04/27/2021 10:30

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 02:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.38	U	0.38	0.015
117-84-0	Di-n-octyl phthalate	0.38	U	0.38	0.020
206-44-0	Fluoranthene	0.060	J	0.38	0.013
86-73-7	Fluorene	0.38	U	0.38	0.0052
118-74-1	Hexachlorobenzene	0.038	U	0.038	0.018
87-68-3	Hexachlorobutadiene	0.078	U	0.078	0.0082
77-47-4	Hexachlorocyclopentadiene	0.38	U	0.38	0.034
67-72-1	Hexachloroethane	0.038	U	0.038	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.025	J	0.038	0.015
78-59-1	Isophorone	0.16	U	0.16	0.11
91-20-3	Naphthalene	0.016	J	0.38	0.0067
98-95-3	Nitrobenzene	0.038	U	0.038	0.0093
621-64-7	N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028
86-30-6	N-Nitrosodiphenylamine	0.38	U	0.38	0.032
85-01-8	Phenanthrene	0.043	J	0.38	0.0068
129-00-0	Pyrene	0.052	J	0.38	0.0096

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	51		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	46		11-104
1718-51-0	Terphenyl-d14 (Surr)	60		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D
Lims ID: 460-233032-E-6-B
Client ID: SB-05_3-5_20210427
Sample Type: Client
Inject. Date: 30-Apr-2021 02:14:13 ALS Bottle#: 0 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127851-018
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 09:40:34 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: khlungprakhons Date: 30-Apr-2021 15:40:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	3.159	3.173	-0.014	96	68199	40.0	
$ 26 Nitrobenzene-d5	82	3.581	3.591	-0.015	93	79484	22.9	
* 36 Naphthalene-d8	136	4.133	4.145	-0.013	99	262577	40.0	
37 Naphthalene	128	4.150	4.155	-0.010	68	1473	0.2050	
$ 50 2-Fluorobiphenyl	172	4.980	4.982	-0.008	97	133694	25.5	
* 61 Acenaphthene-d10	164	5.479	5.491	-0.012	96	138339	40.0	
* 83 Phenanthrene-d10	188	6.596	6.606	-0.010	99	272404	40.0	
84 Phenanthrene	178	6.613	6.623	-0.013	94	4358	0.5481	
89 Fluoranthene	202	7.503	7.510	-0.011	97	6664	0.7699	
91 Pyrene	202	7.669	7.675	-0.011	97	6009	0.6626	
$ 93 Terphenyl-d14	244	7.805	7.811	-0.011	98	196798	29.9	
100 Benzo[a]anthracene	228	8.602	8.610	-0.012	47	3865	0.4501	
* 98 Chrysene-d12	240	8.608	8.623	-0.015	99	259125	40.0	
101 Chrysene	228	8.628	8.642	-0.019	65	4298	0.5018	
104 Benzo[b]fluoranthene	252	9.586	9.582	-0.014	95	5371	0.7062	a
105 Benzo[k]fluoranthene	252	9.604	9.604	-0.022	1	2123	0.2513	M
106 Benzo[a]pyrene	252	9.900	9.913	-0.019	91	2868	0.4151	
* 107 Perylene-d12	264	9.956	9.973	-0.017	98	280265	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.051	11.051	-0.011	78	2217	0.3183	a
110 Benzo[g,h,i]perylene	276	11.306	11.307	-0.020	88	2284	0.2778	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

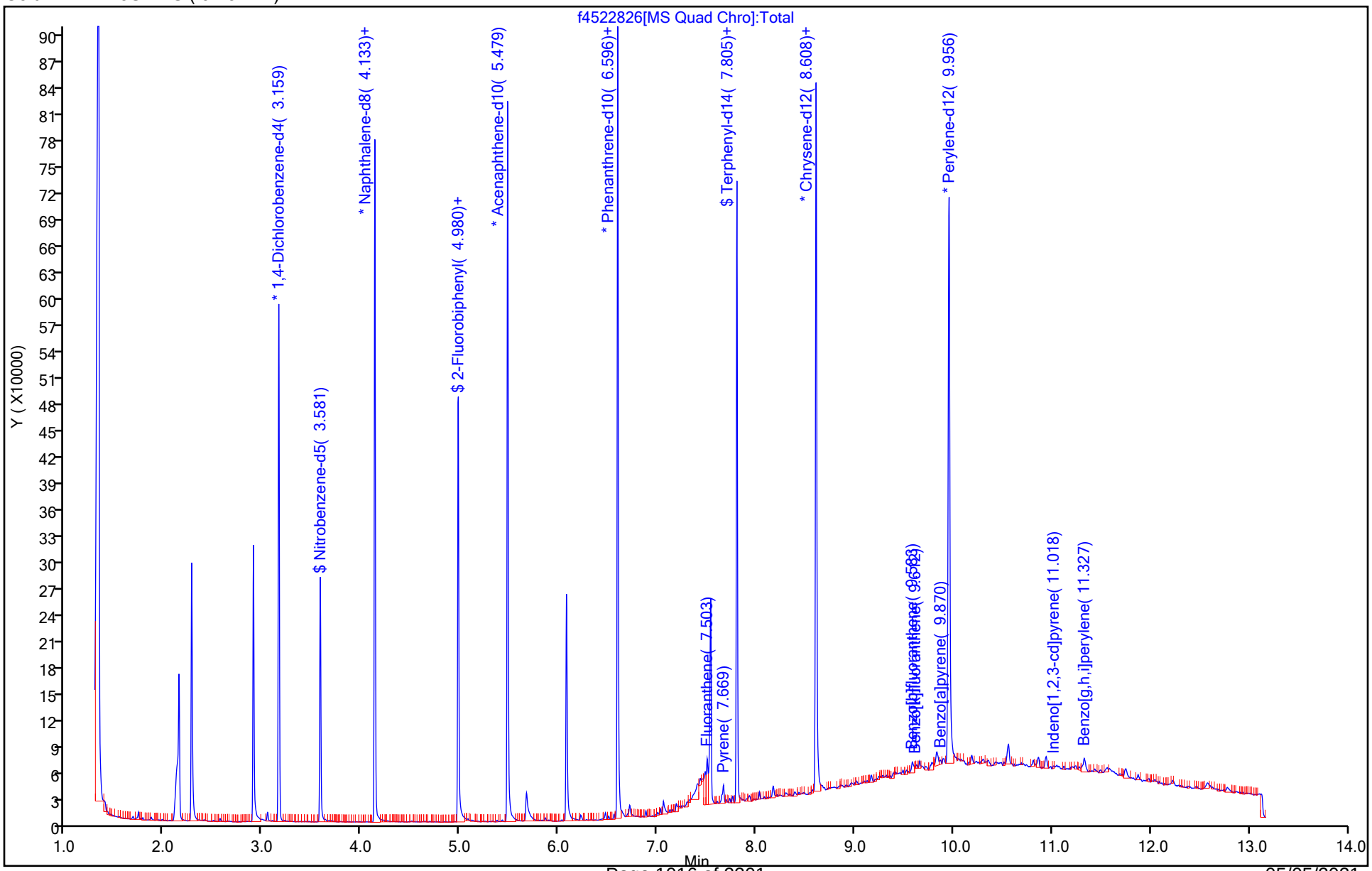
Report Date: 30-Apr-2021 09:40:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D

Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6	Worklist Smp#:	18
Client ID:	SB-05_3-5_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



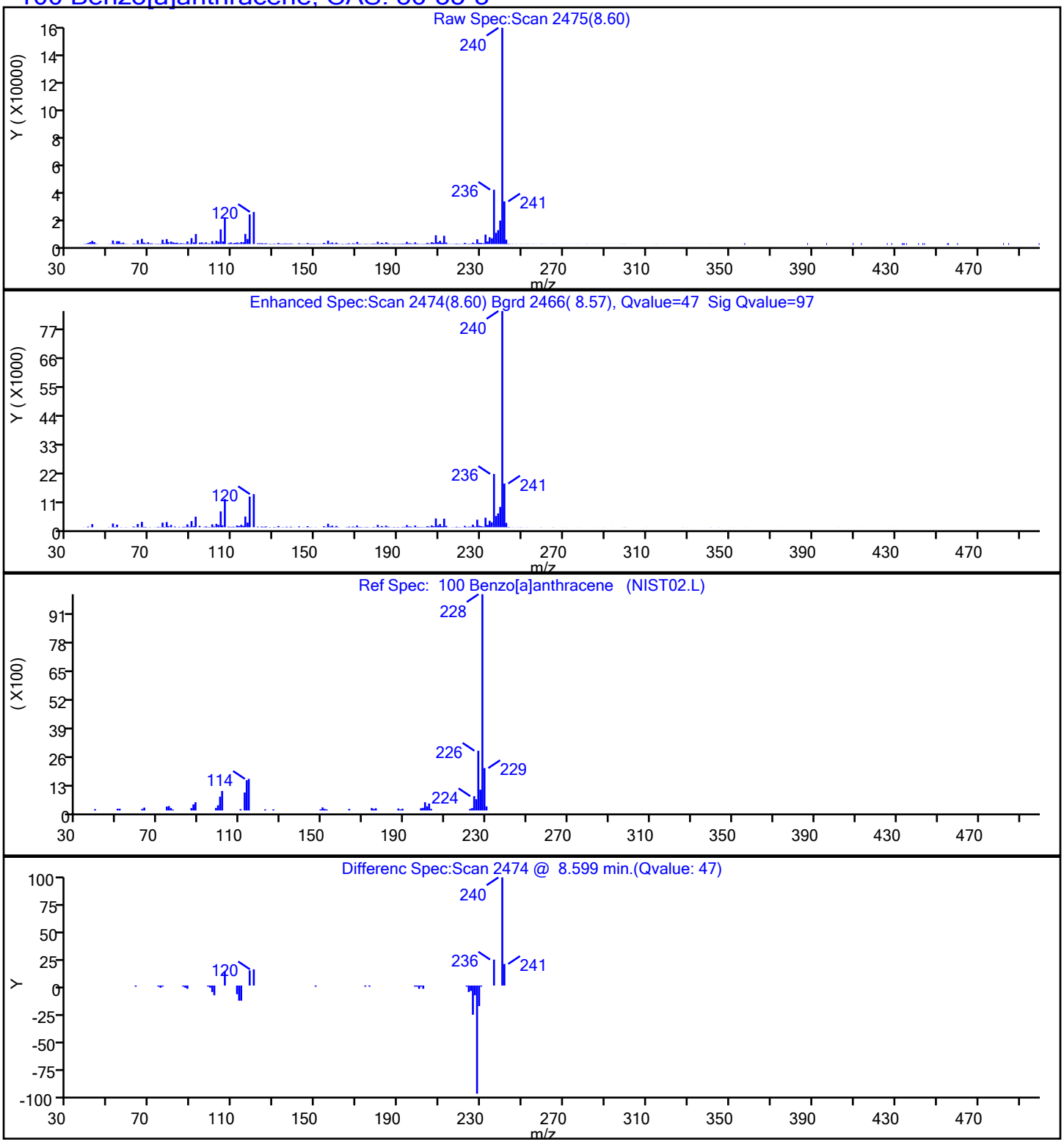
Report Date: 30-Apr-2021 09:40:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D

Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

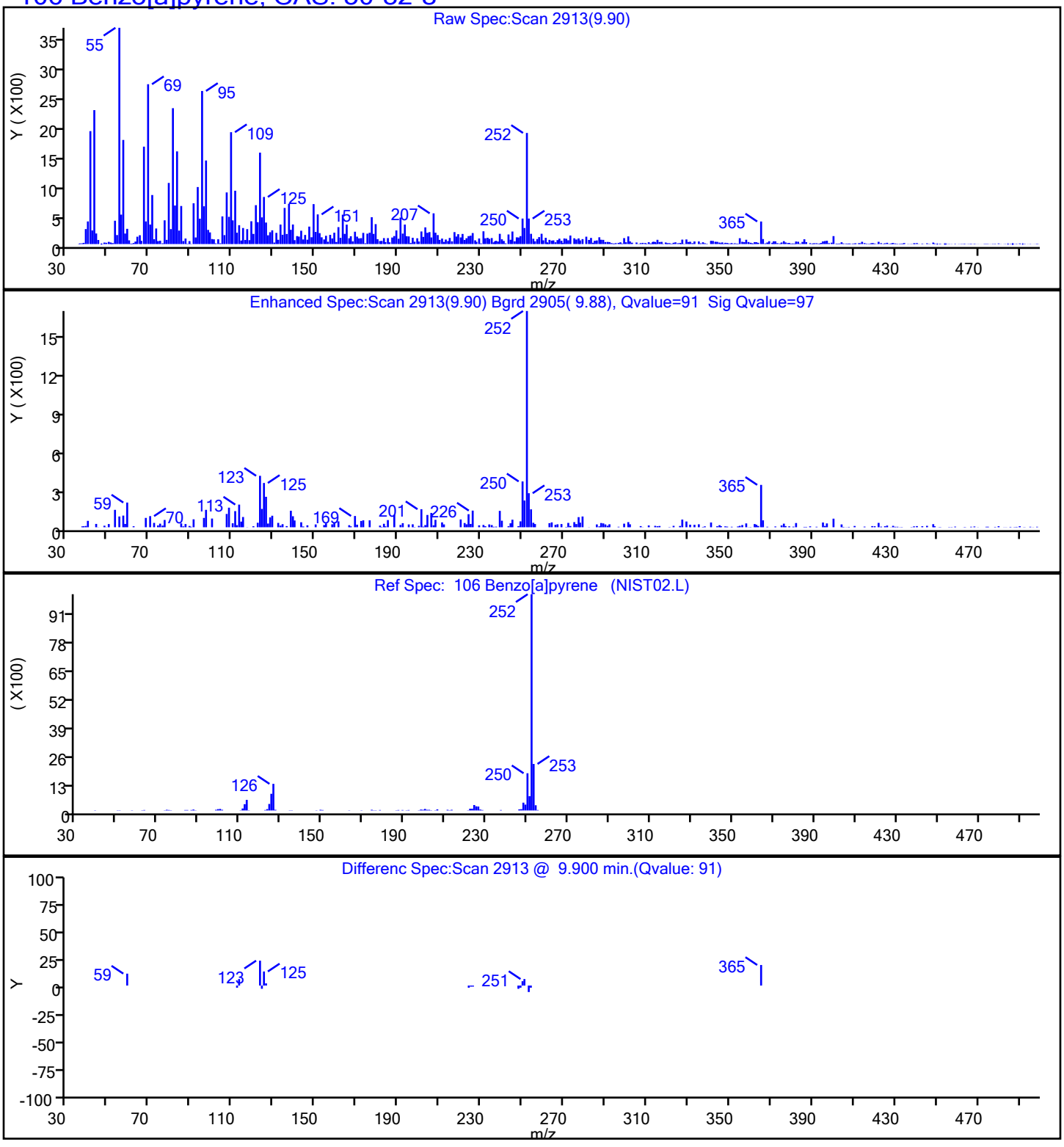
100 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

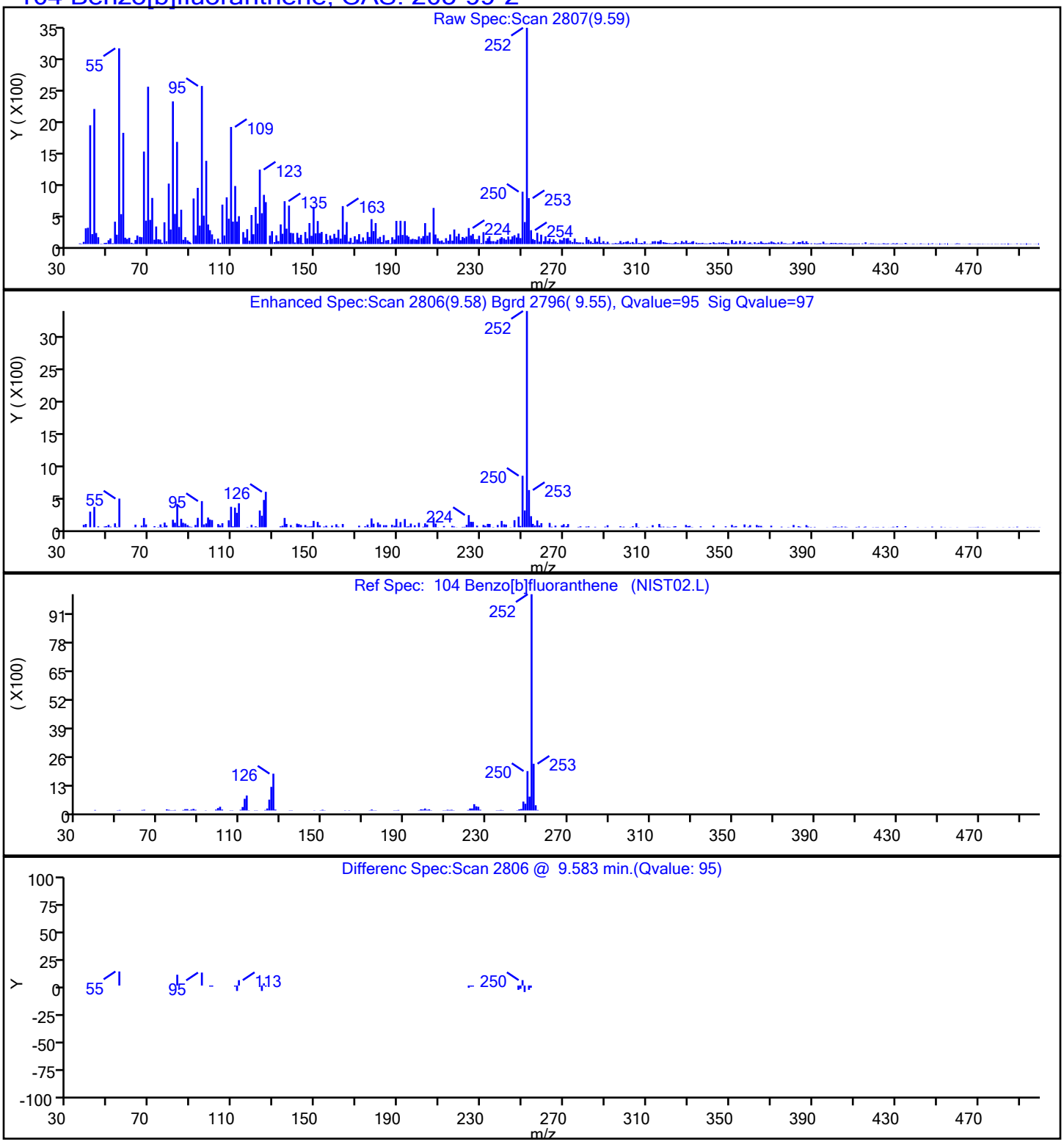
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

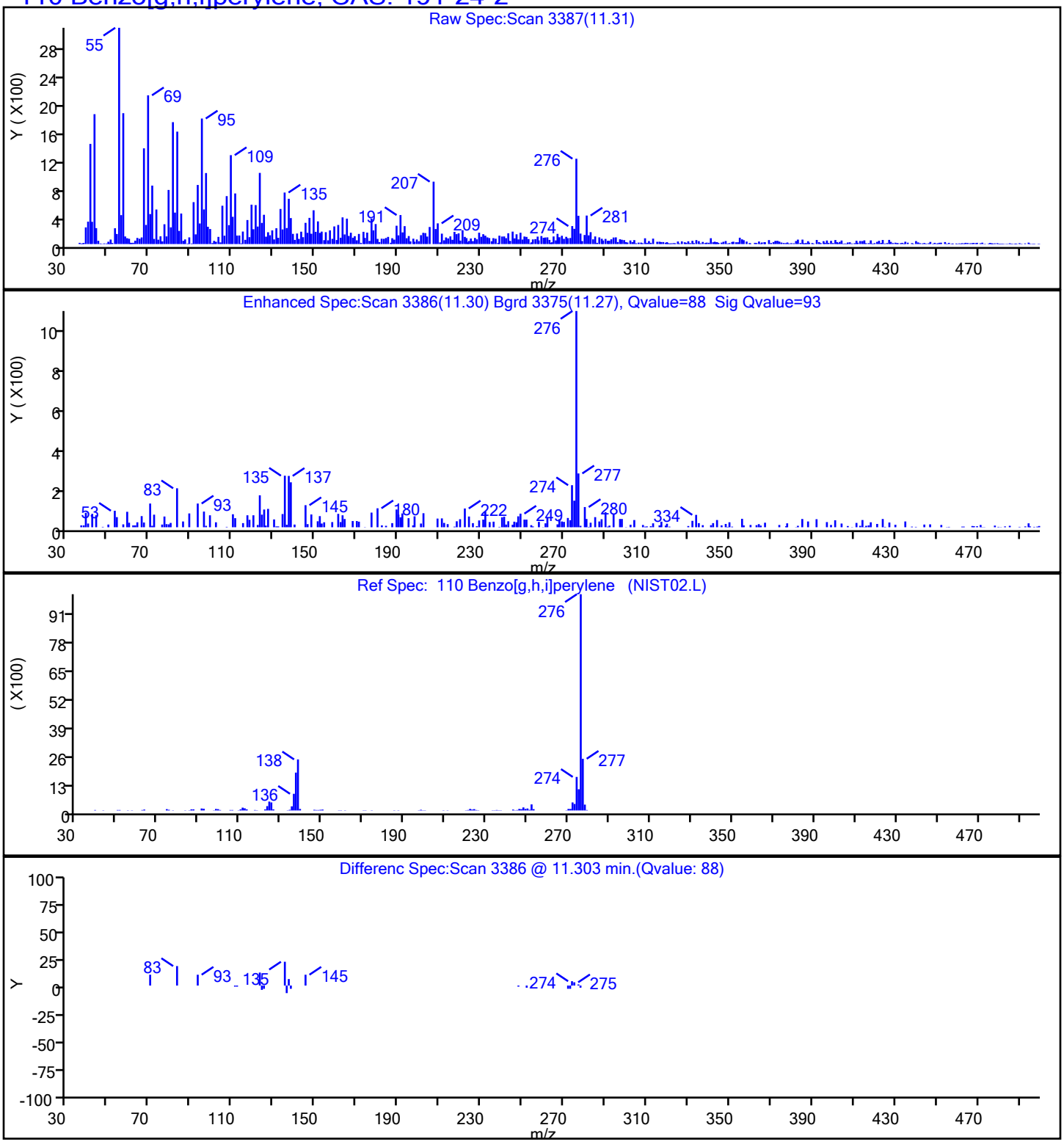
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

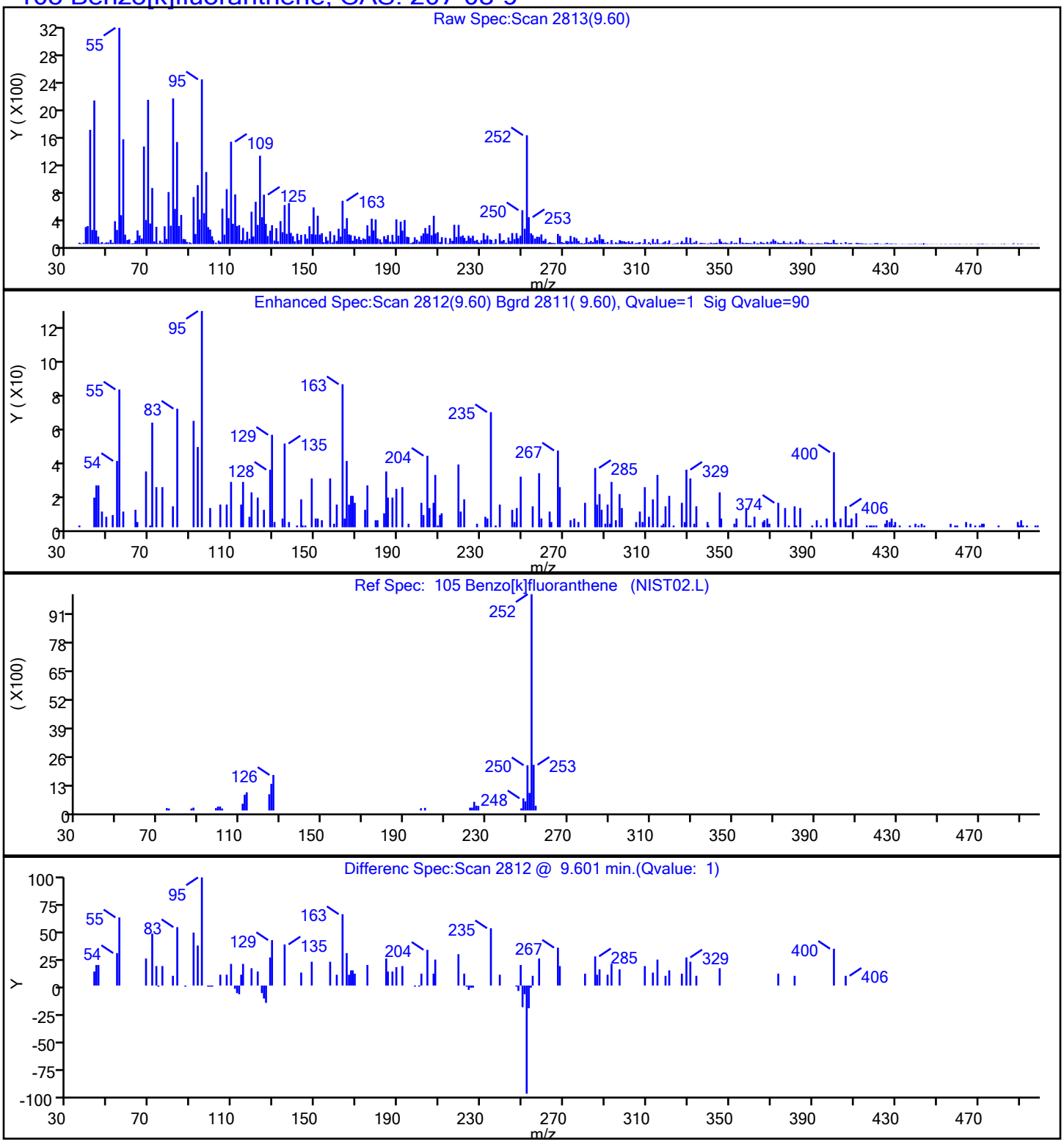
110 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

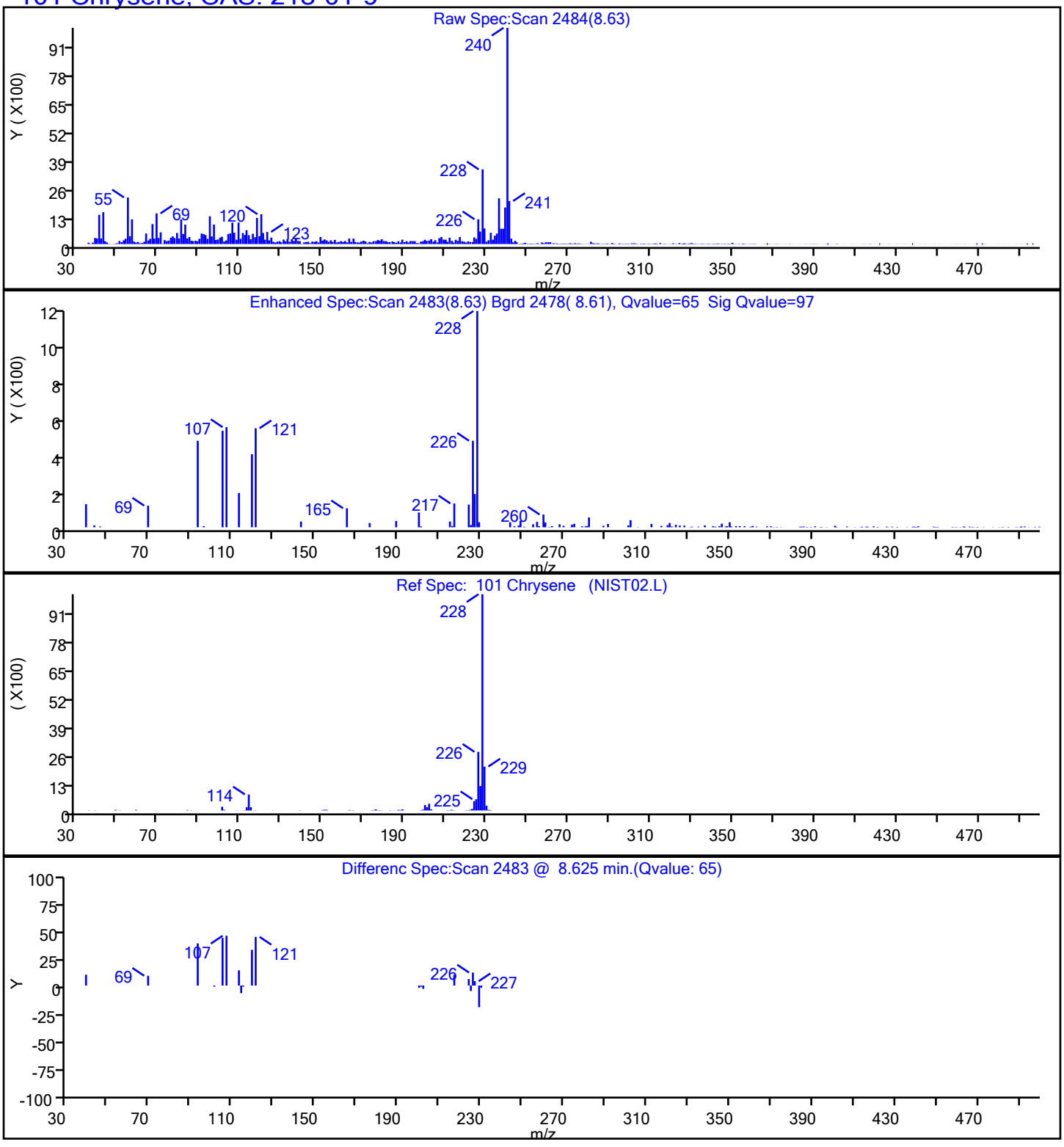


Report Date: 30-Apr-2021 09:40:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Chrysene, CAS: 218-01-9

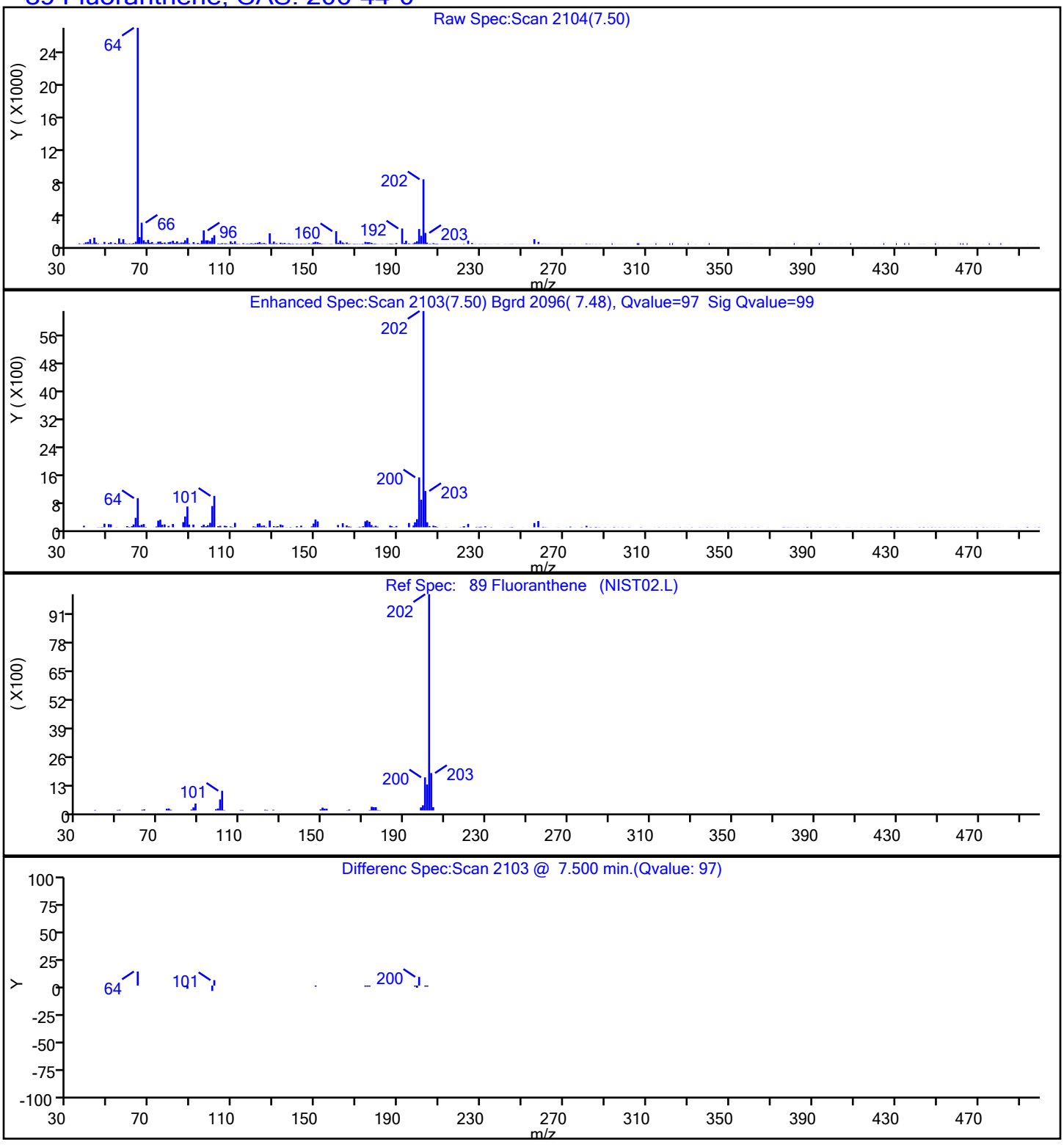


Report Date: 30-Apr-2021 09:40:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

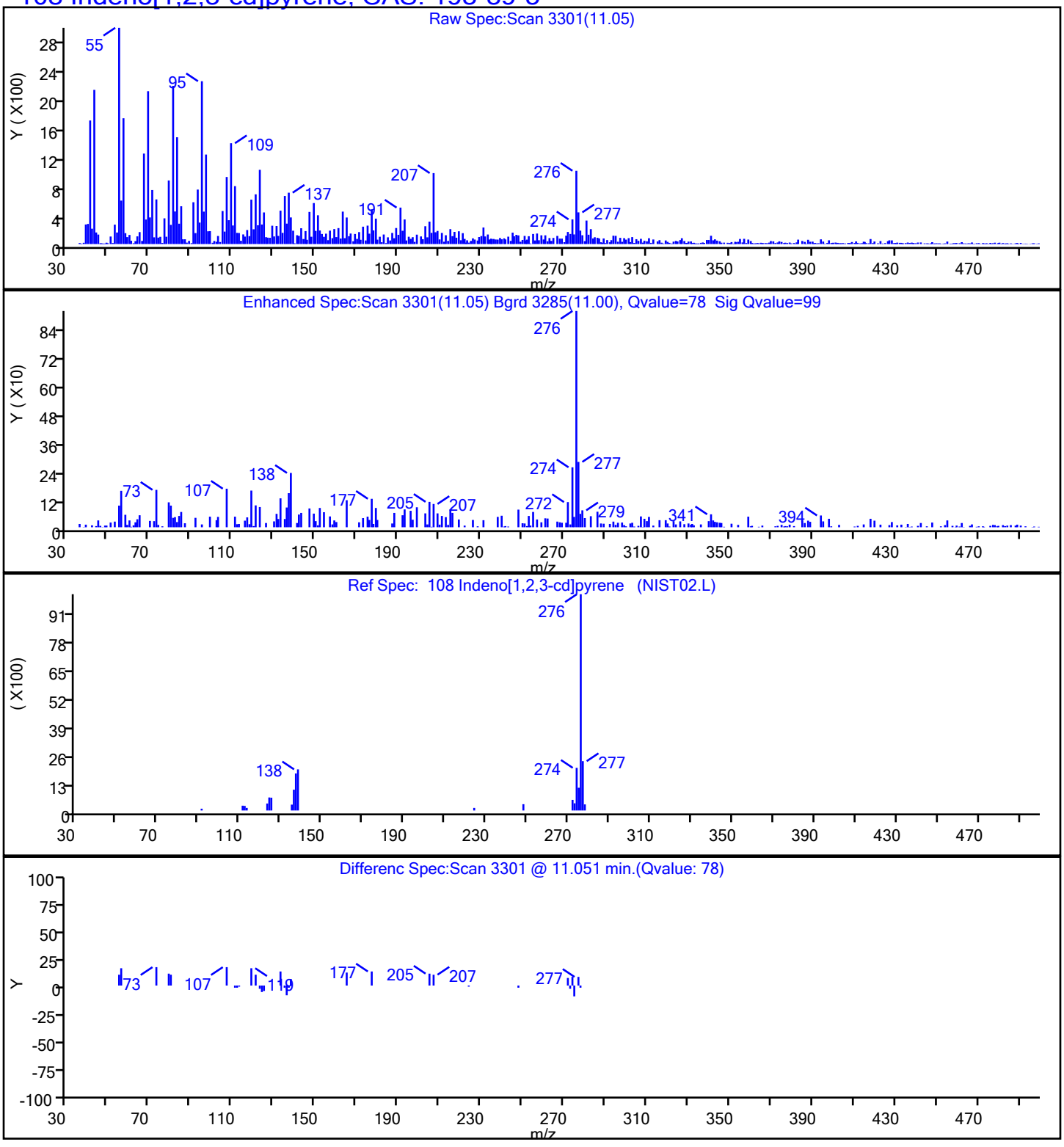
89 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

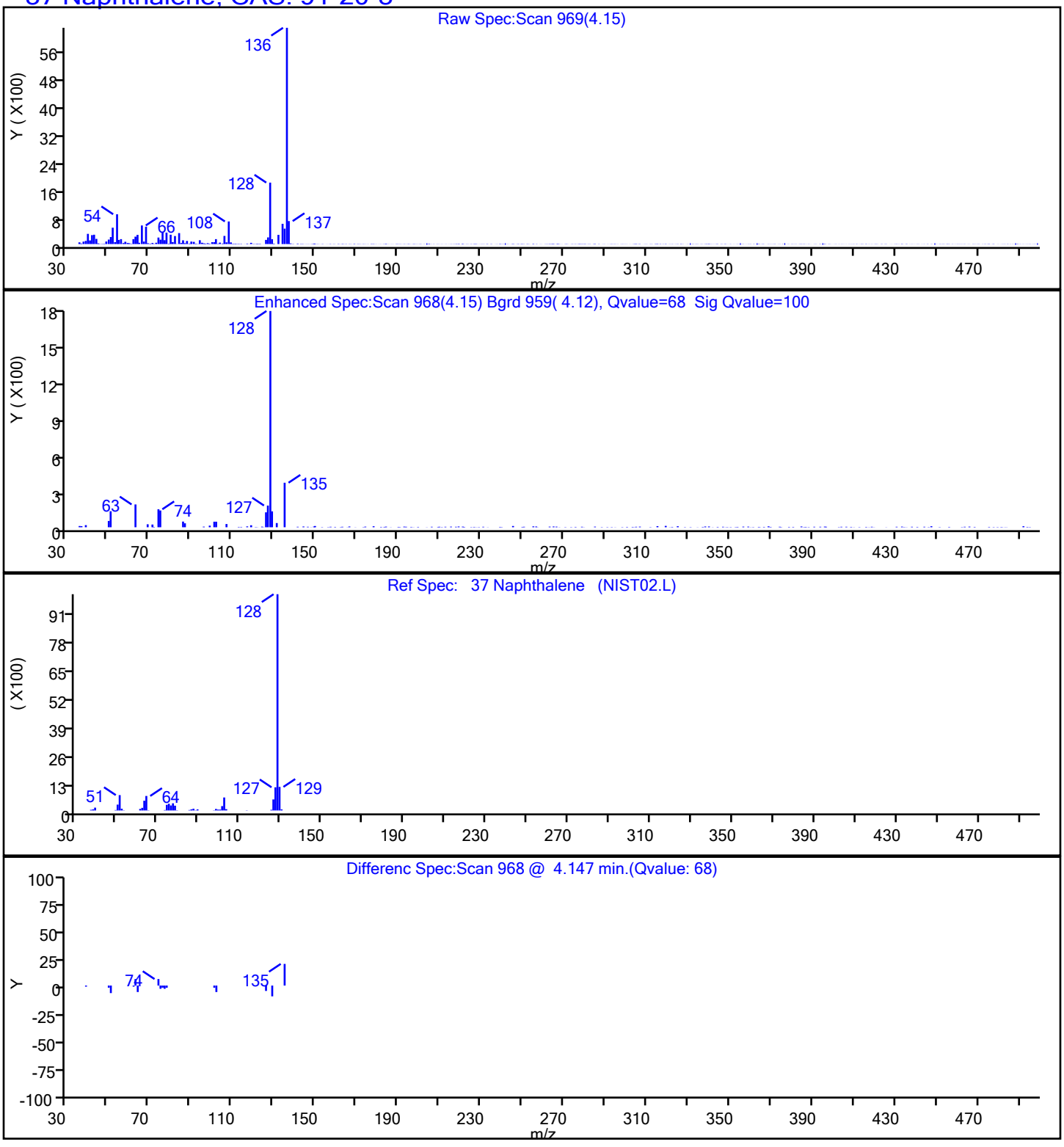


Report Date: 30-Apr-2021 09:40:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

37 Naphthalene, CAS: 91-20-3



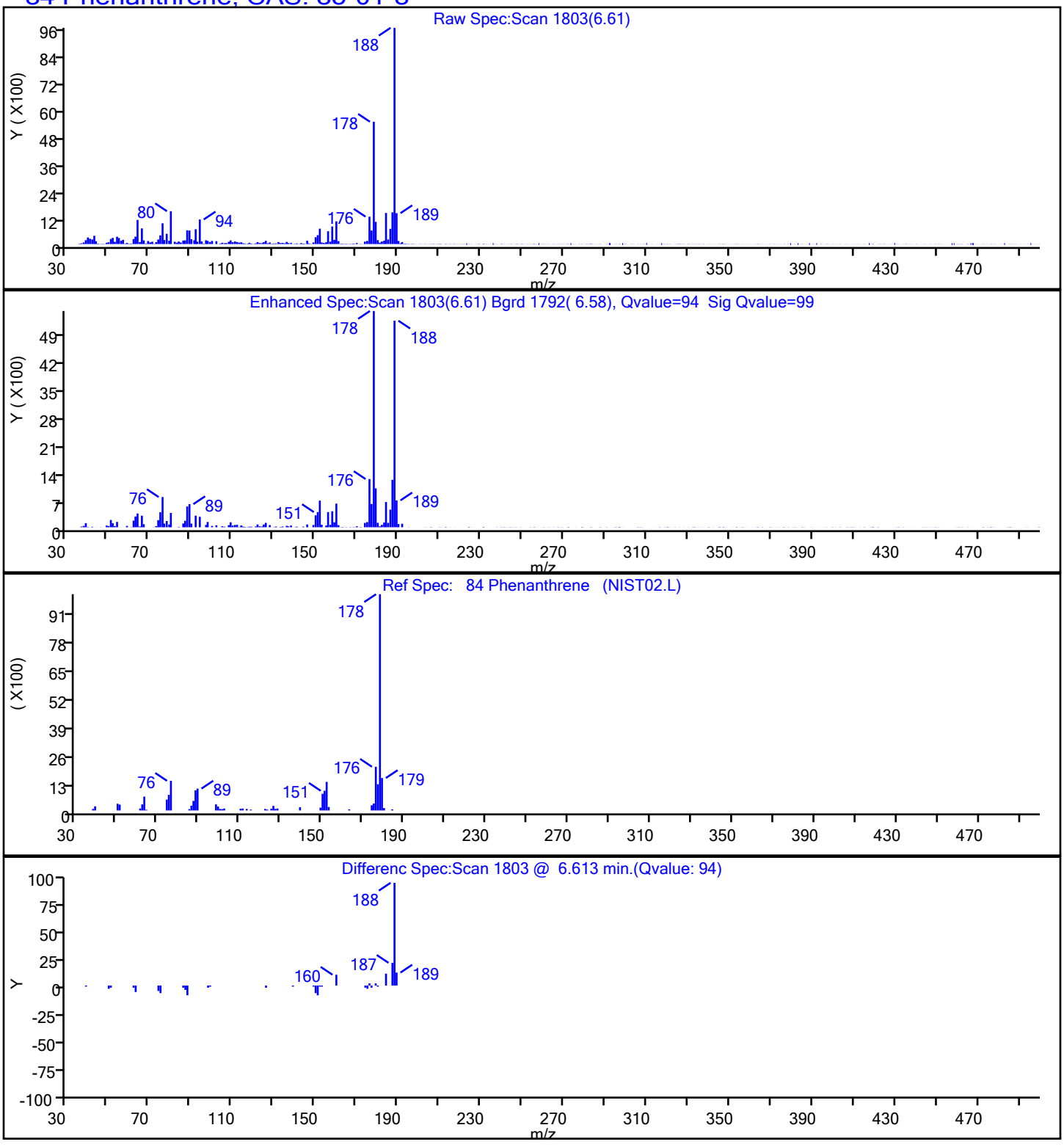
Report Date: 30-Apr-2021 09:40:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D

Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



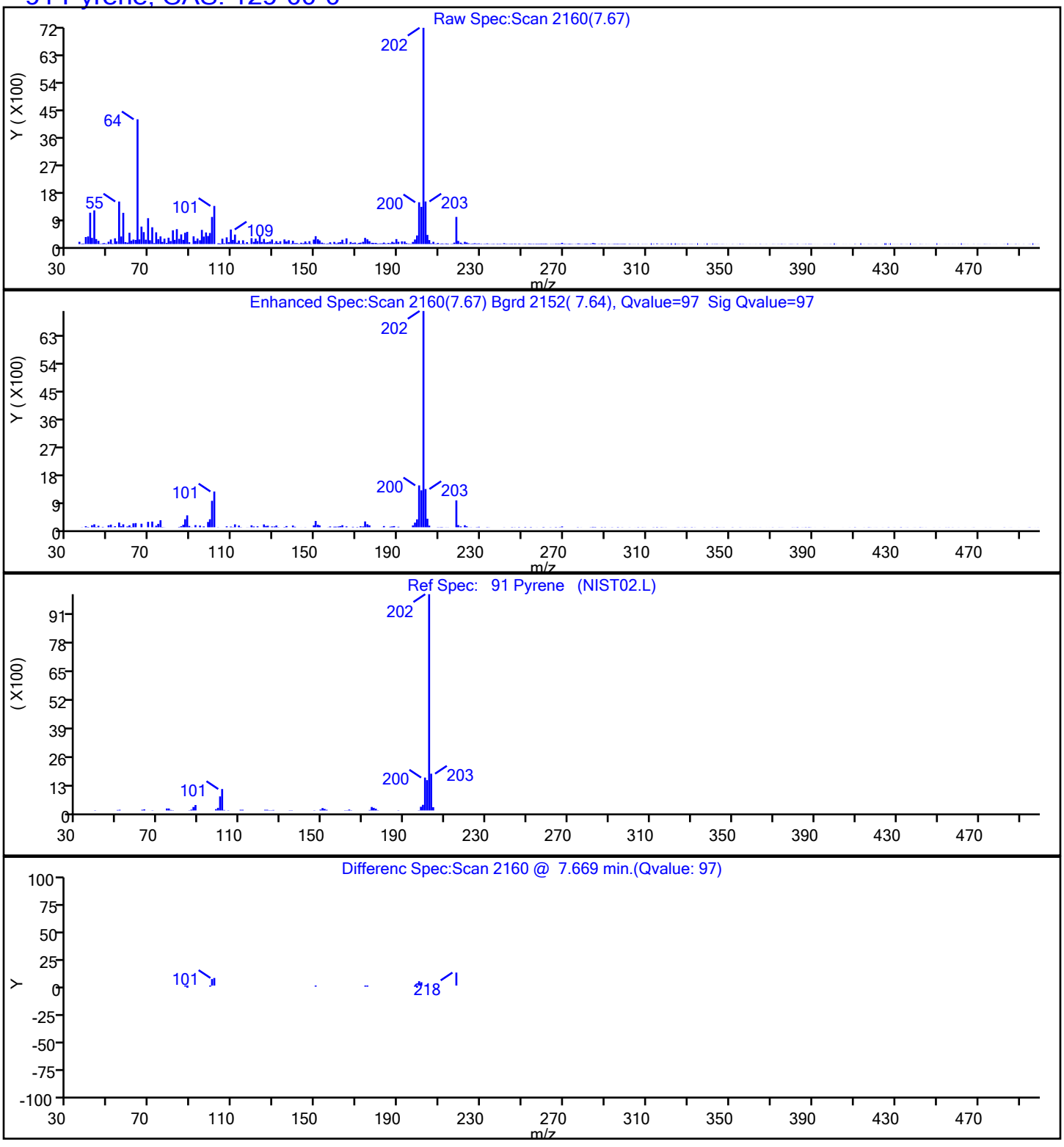
Report Date: 30-Apr-2021 09:40:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D

Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Pyrene, CAS: 129-00-0



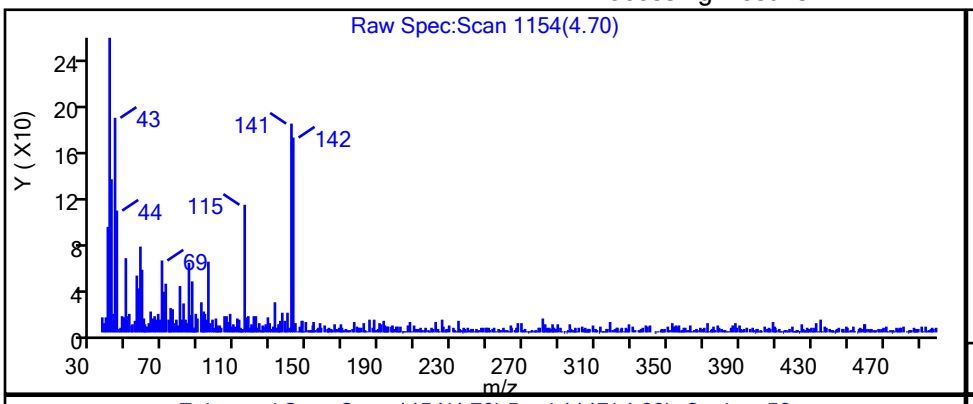
User Disabled Compound Report

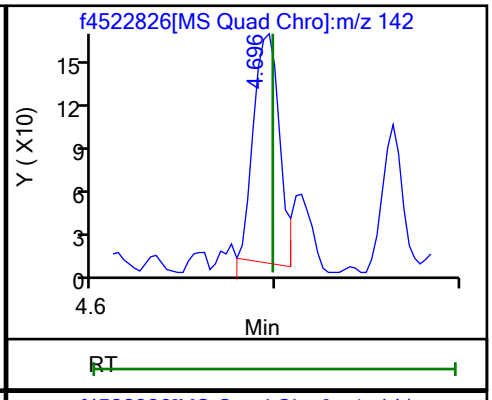
Eurofins TestAmerica, Edison

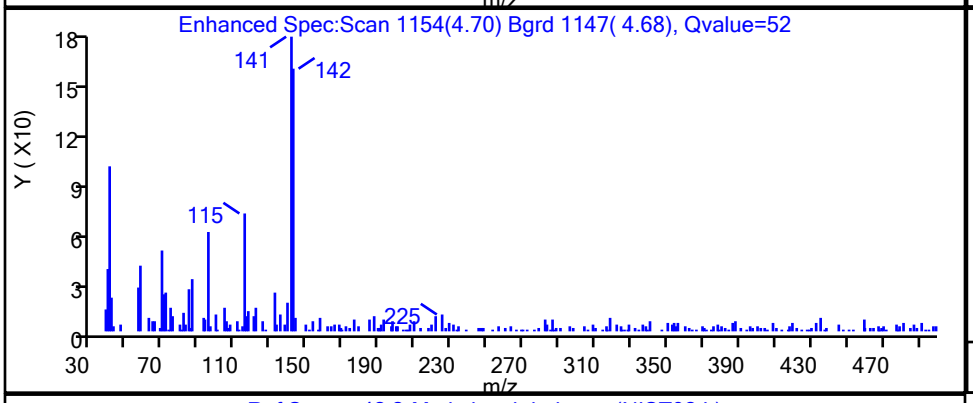
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

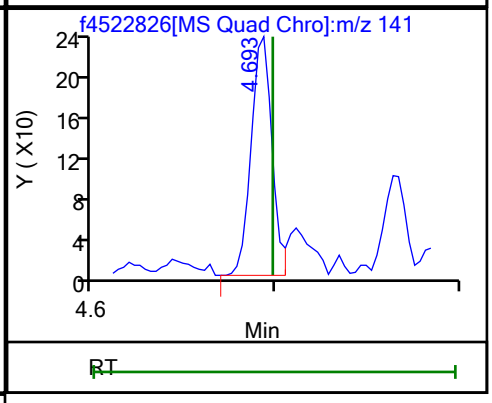
42 2-Methylnaphthalene, CAS: 91-57-6

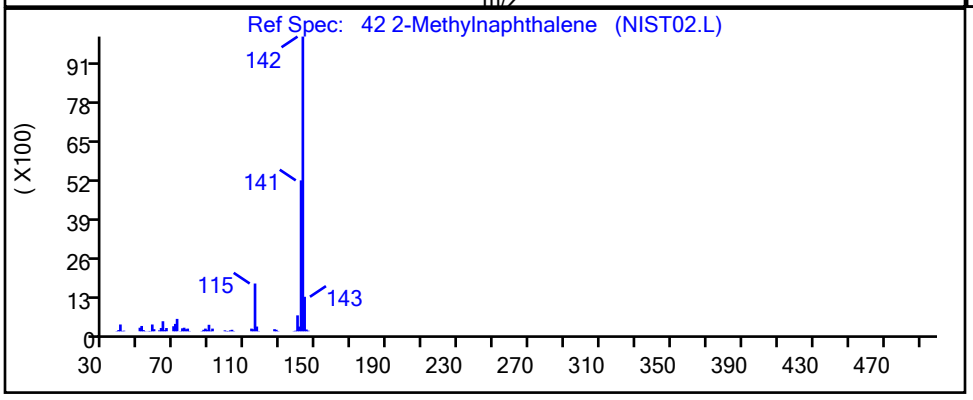
Processing Results











RT	Mass	Response	Amount
4.70	142.00	160	0.033483
4.69	141.00	189	

Reviewer: johnstonm1, 30-Apr-2021 09:40:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

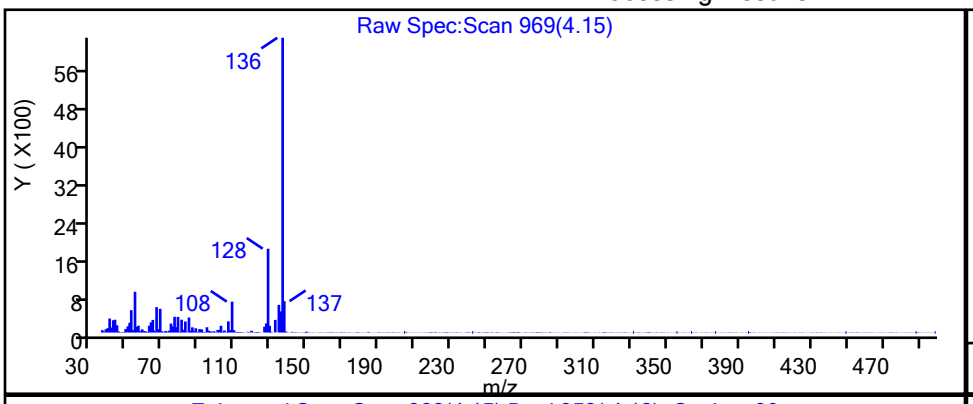
User Disabled Compound Report

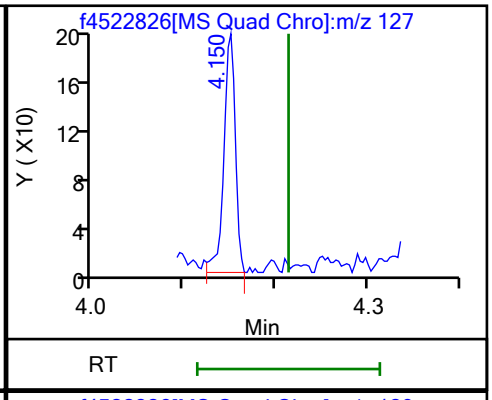
Eurofins TestAmerica, Edison

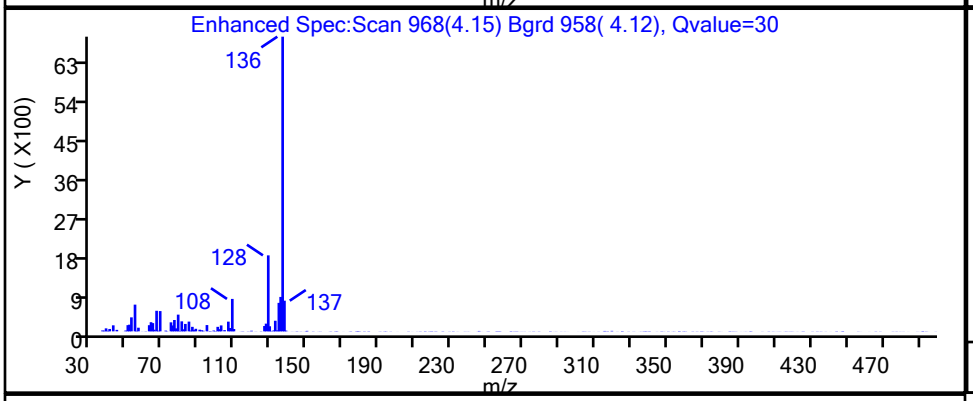
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

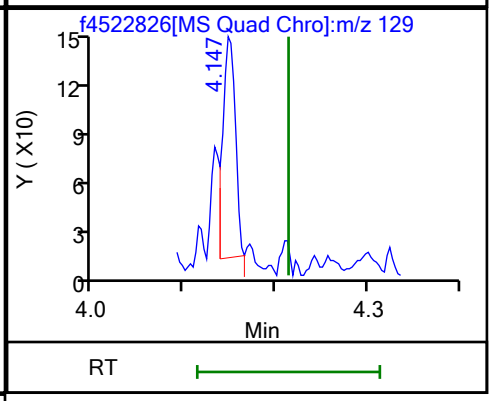
38 4-Chloroaniline, CAS: 106-47-8

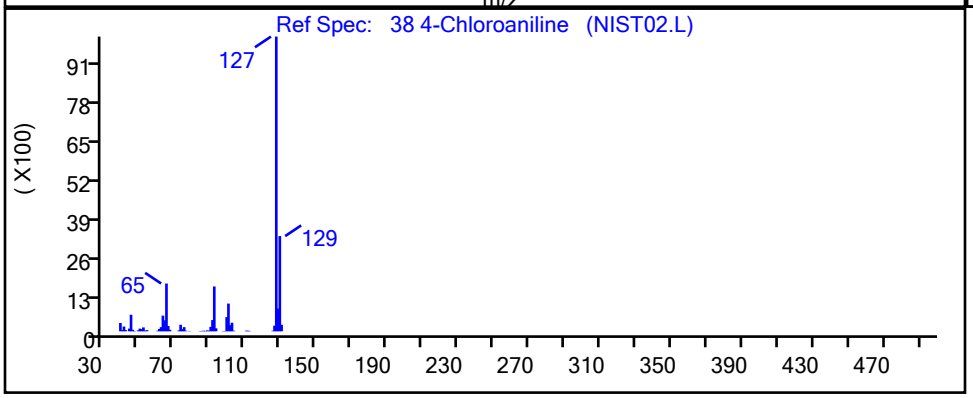
Processing Results











RT	Mass	Response	Amount
4.15	127.00	167	0.055405
4.15	129.00	127	

Reviewer: khlungprakhons, 30-Apr-2021 15:39:50

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

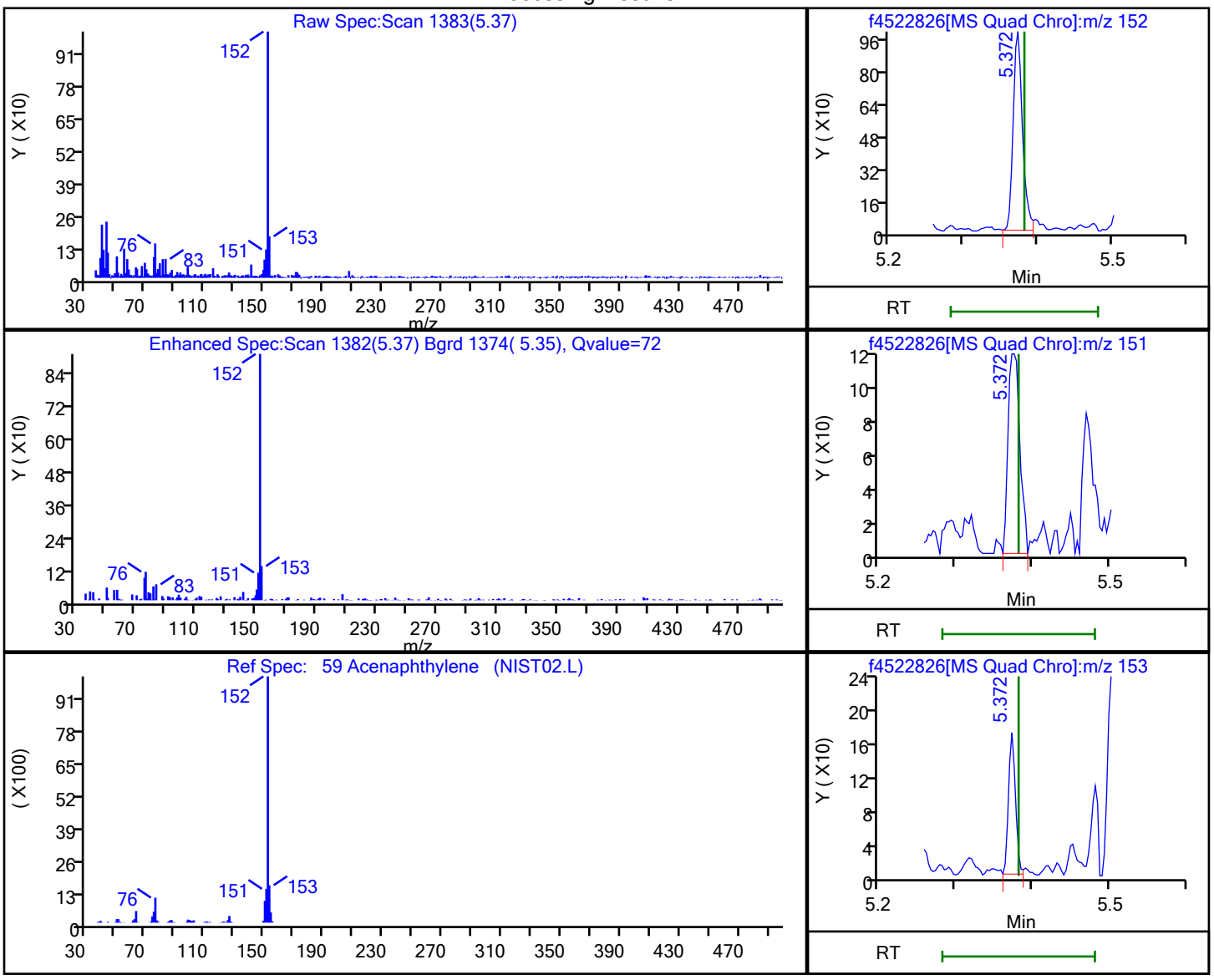
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Acenaphthylene, CAS: 208-96-8

Processing Results



RT	Mass	Response	Amount
5.37	152.00	868	0.126946
5.37	151.00	123	
5.37	153.00	105	

Reviewer: johnstonm1, 30-Apr-2021 09:40:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

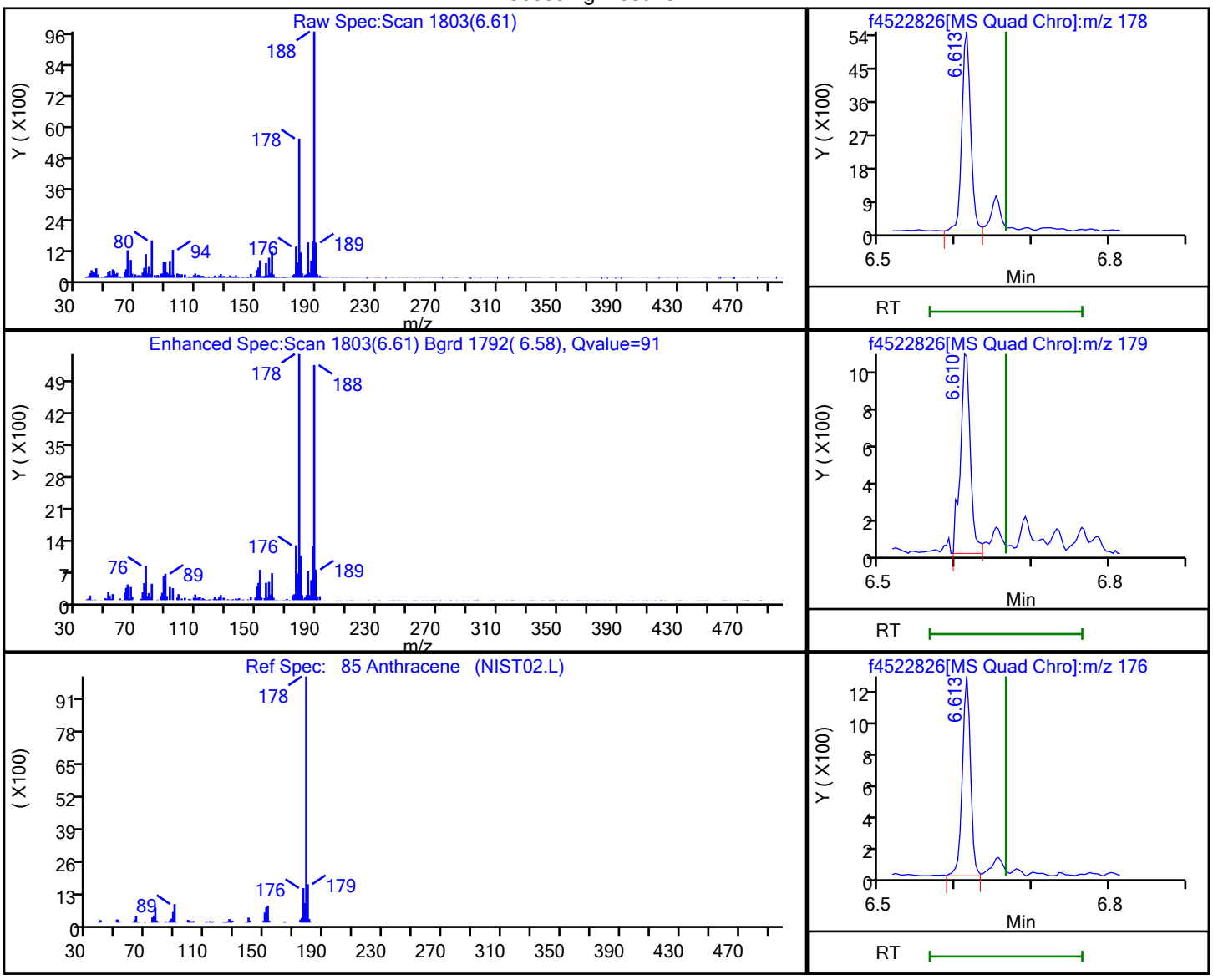
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

85 Anthracene, CAS: 120-12-7

Processing Results



RT	Mass	Response	Amount
6.61	178.00	4358	0.529488
6.61	179.00	909	
6.61	176.00	911	

Reviewer: johnstonm1, 30-Apr-2021 09:40:03

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

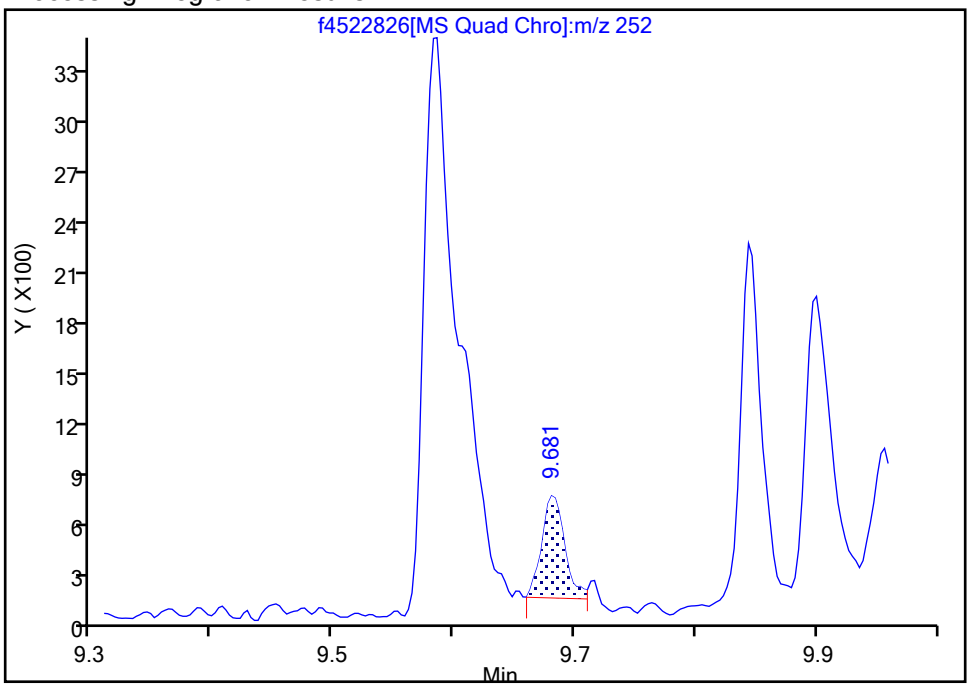
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

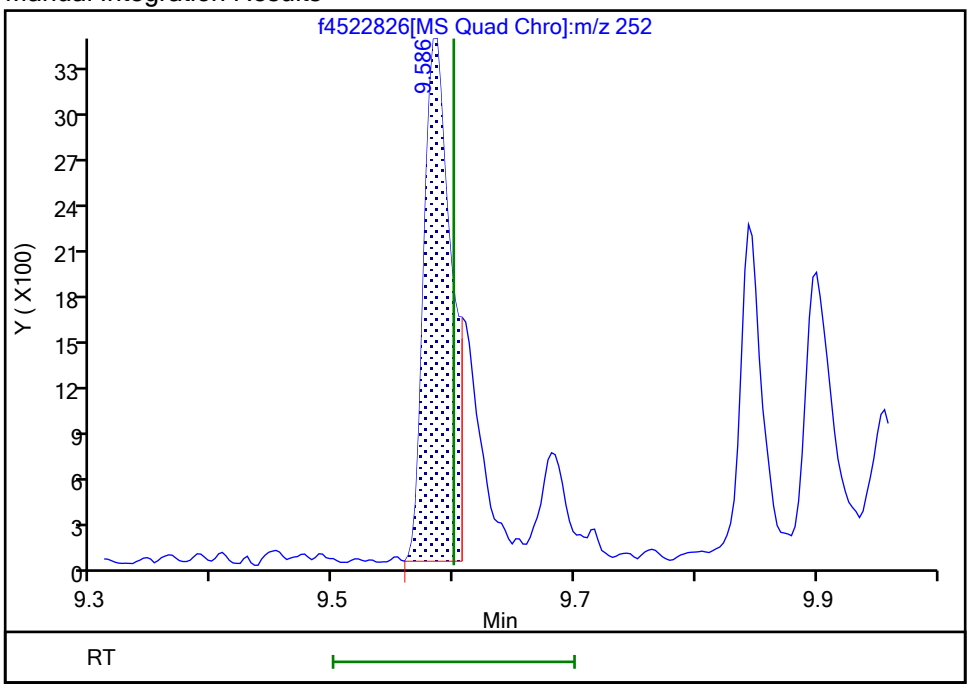
Processing Integration Results

RT: 9.68
Area: 785
Amount: 0.103213
Amount Units: ug/ml



Manual Integration Results

RT: 9.59
Area: 5371
Amount: 0.706184
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-Apr-2021 15:40:20

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

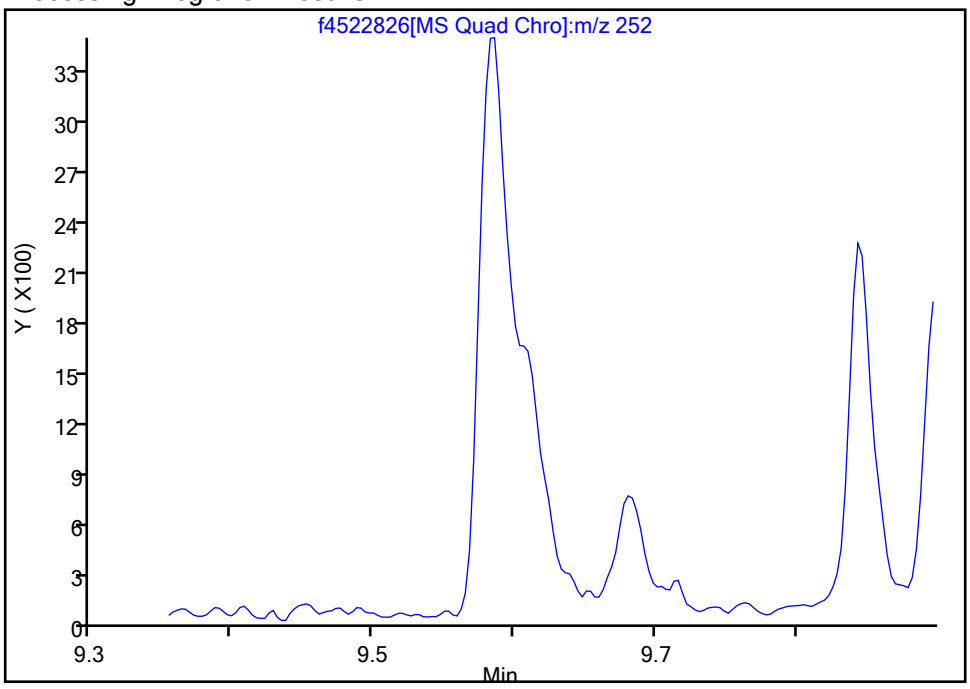
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

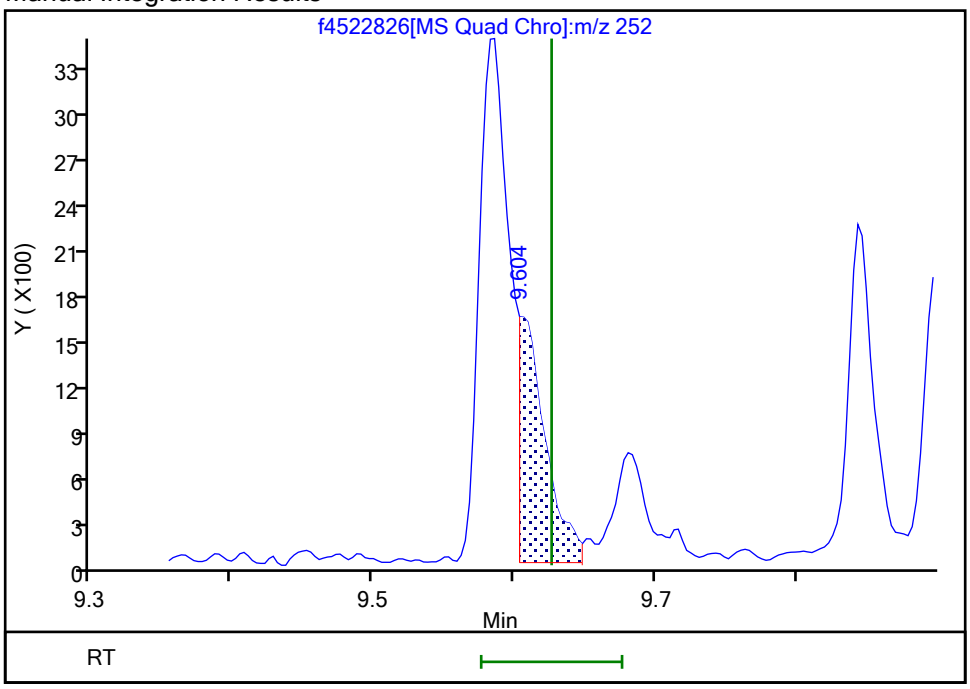
Not Detected
Expected RT: 9.63

Processing Integration Results



Manual Integration Results

RT: 9.60
Area: 2123
Amount: 0.251330
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Apr-2021 09:40:18
Audit Action: Manually Integrated Audit Reason: Missed Peak

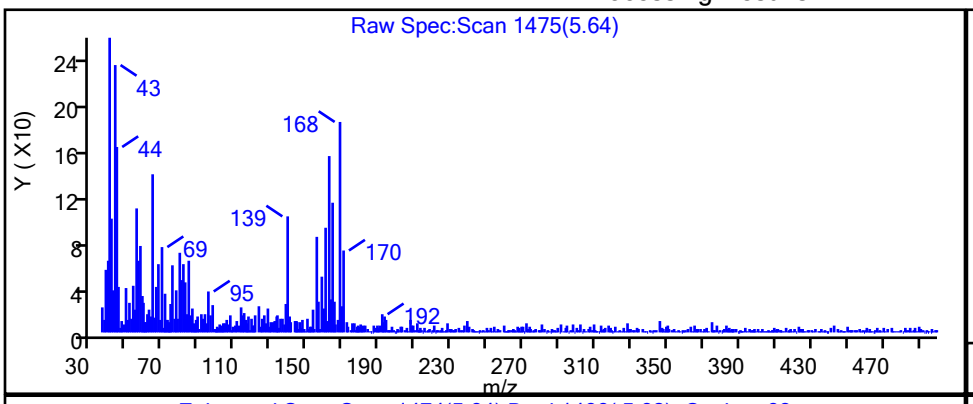
User Disabled Compound Report

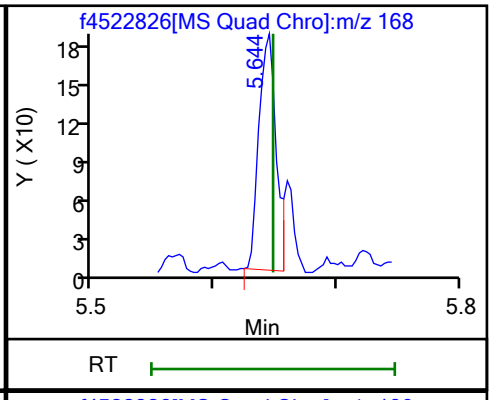
Eurofins TestAmerica, Edison

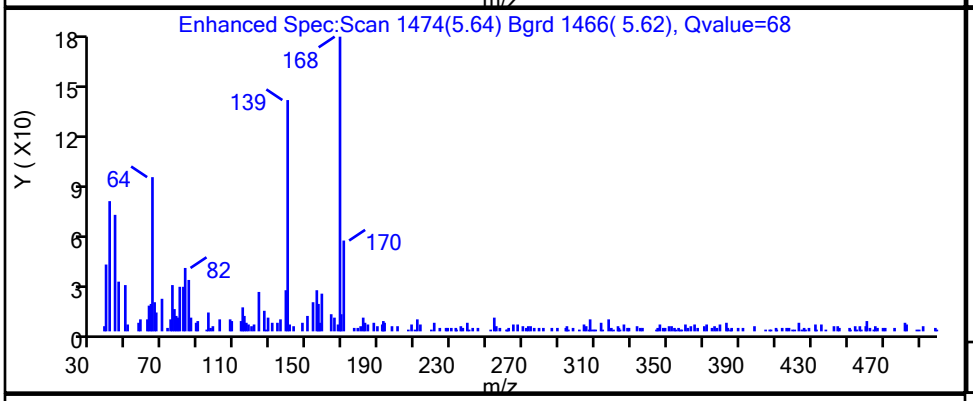
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

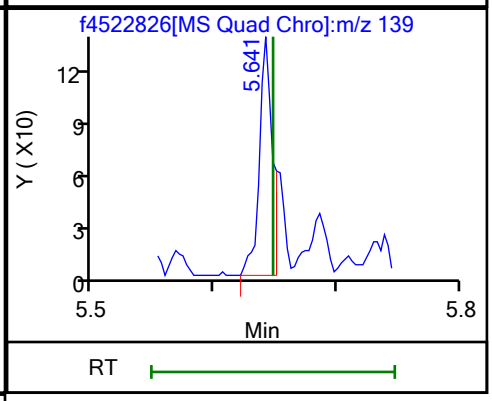
66 Dibenzofuran, CAS: 132-64-9

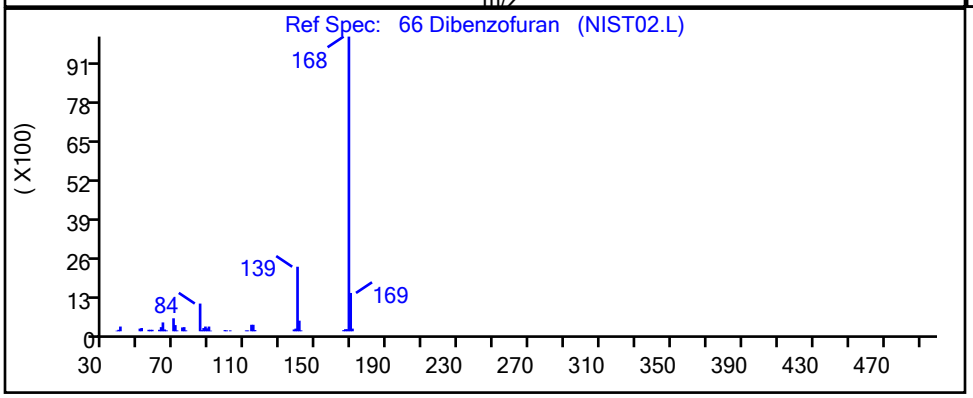
Processing Results











RT	Mass	Response	Amount
5.64	168.00	182	0.029034
5.64	139.00	100	

Reviewer: johnstonm1, 30-Apr-2021 09:40:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

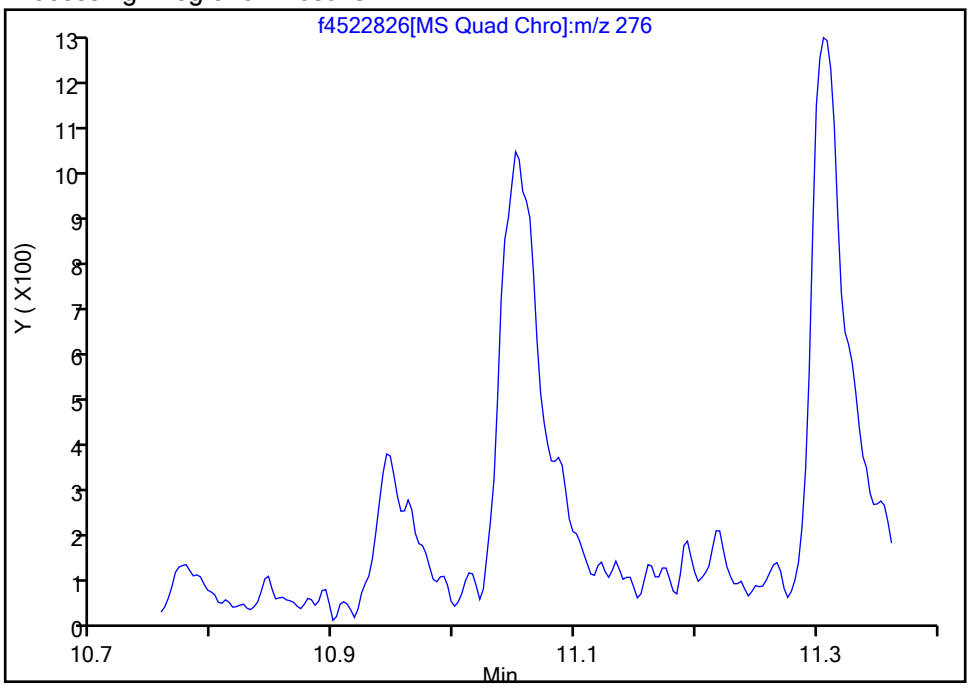
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522826.D				
Injection Date:	30-Apr-2021 02:14:13	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-6-B	Lab Sample ID:	460-233032-6		
Client ID:	SB-05_3-5_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

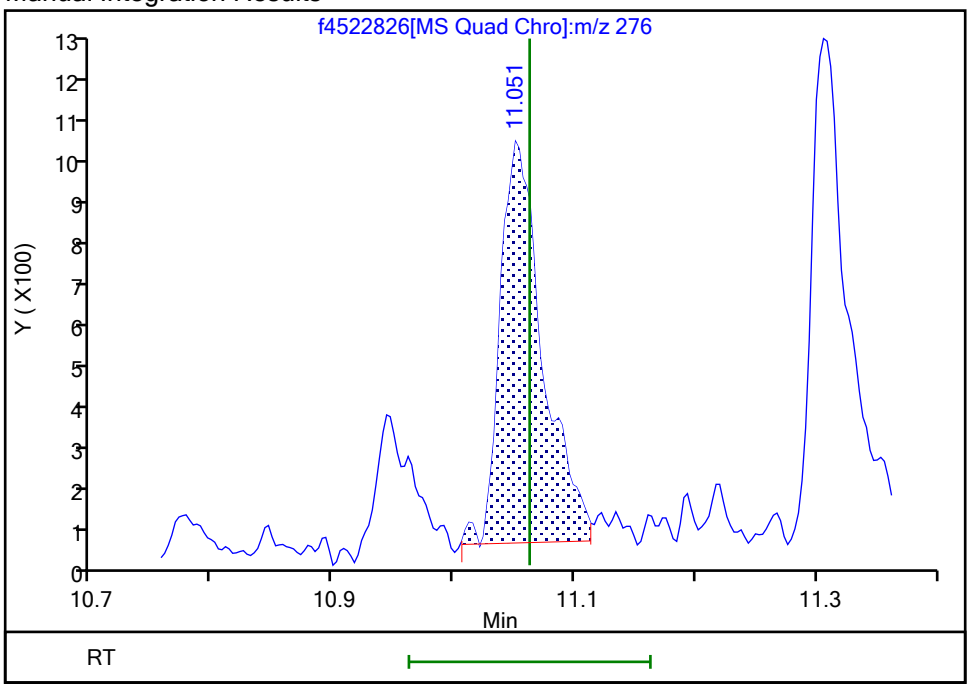
Not Detected
Expected RT: 11.06

Processing Integration Results



Manual Integration Results

RT: 11.05
Area: 2217
Amount: 0.318282
Amount Units: ug/ml



Reviewer: johnstonm1, 30-Apr-2021 09:40:23
Audit Action: Assigned Compound ID Audit Reason: Missed Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-06_0-2_20210427 Lab Sample ID: 460-233032-7

Matrix: Solid Lab File ID: f4522831.D

Analysis Method: 8270E Date Collected: 04/27/2021 13:05

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 03:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.038	U	0.038	0.0099
95-50-1	1,2-Dichlorobenzene	0.38	U	0.38	0.0066
541-73-1	1,3-Dichlorobenzene	0.38	U	0.38	0.0051
106-46-7	1,4-Dichlorobenzene	0.38	U	0.38	0.015
108-60-1	2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0070
121-14-2	2,4-Dinitrotoluene	0.078	U	0.078	0.041
606-20-2	2,6-Dinitrotoluene	0.078	U	0.078	0.028
91-58-7	2-Chloronaphthalene	0.38	U	0.38	0.018
91-57-6	2-Methylnaphthalene	0.015	J	0.38	0.011
88-74-4	2-Nitroaniline	0.38	U	0.38	0.014
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.058
99-09-2	3-Nitroaniline	0.38	U	0.38	0.043
101-55-3	4-Bromophenyl phenyl ether	0.38	U	0.38	0.015
106-47-8	4-Chloroaniline	0.38	U	0.38	0.068
7005-72-3	4-Chlorophenyl phenyl ether	0.38	U	0.38	0.014
100-01-6	4-Nitroaniline	0.38	U	0.38	0.044
83-32-9	Acenaphthene	0.017	J	0.38	0.011
208-96-8	Acenaphthylene	0.053	J	0.38	0.0039
120-12-7	Anthracene	0.062	J	0.38	0.012
56-55-3	Benzo[a]anthracene	0.24		0.038	0.013
50-32-8	Benzo[a]pyrene	0.28		0.038	0.010
205-99-2	Benzo[b]fluoranthene	0.40		0.038	0.010
191-24-2	Benzo[g,h,i]perylene	0.19	J	0.38	0.011
207-08-9	Benzo[k]fluoranthene	0.15		0.038	0.0076
111-91-1	Bis(2-chloroethoxy)methane	0.38	U	0.38	0.030
111-44-4	Bis(2-chloroethyl)ether	0.038	U	0.038	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.074	J	0.38	0.020
85-68-7	Butyl benzyl phthalate	0.38	U	0.38	0.018
86-74-8	Carbazole	0.030	J	0.38	0.015
218-01-9	Chrysene	0.26	J	0.38	0.0065
53-70-3	Dibenz(a,h)anthracene	0.039		0.038	0.017
132-64-9	Dibenzofuran	0.014	J	0.38	0.0054
84-66-2	Diethyl phthalate	0.38	U	0.38	0.0056
131-11-3	Dimethyl phthalate	0.38	U	0.38	0.088

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-06_0-2_20210427 Lab Sample ID: 460-233032-7

Matrix: Solid Lab File ID: f4522831.D

Analysis Method: 8270E Date Collected: 04/27/2021 13:05

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 03:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.38	U	0.38	0.015
117-84-0	Di-n-octyl phthalate	0.38	U	0.38	0.020
206-44-0	Fluoranthene	0.53		0.38	0.013
86-73-7	Fluorene	0.018	J	0.38	0.0052
118-74-1	Hexachlorobenzene	0.038	U	0.038	0.018
87-68-3	Hexachlorobutadiene	0.078	U	0.078	0.0082
77-47-4	Hexachlorocyclopentadiene	0.38	U	0.38	0.034
67-72-1	Hexachloroethane	0.038	U	0.038	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.23		0.038	0.015
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.030	J	0.38	0.0067
98-95-3	Nitrobenzene	0.038	U	0.038	0.0093
621-64-7	N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028
86-30-6	N-Nitrosodiphenylamine	0.38	U	0.38	0.032
85-01-8	Phenanthrene	0.30	J	0.38	0.0068
129-00-0	Pyrene	0.46		0.38	0.0096

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	50		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	48		11-104
1718-51-0	Terphenyl-d14 (Surr)	57		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D
Lims ID: 460-233032-E-7-B
Client ID: SB-06_0-2_20210427
Sample Type: Client
Inject. Date: 30-Apr-2021 03:40:31 ALS Bottle#: 0 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127851-023
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 15:48:50 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: khlungprakhons Date: 30-Apr-2021 15:48:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	3.162	3.173	-0.011	97	79039	40.0	
$ 26 Nitrobenzene-d5	82	3.581	3.596	-0.015	93	95914	24.2	
* 36 Naphthalene-d8	136	4.136	4.145	-0.009	99	300720	40.0	
37 Naphthalene	128	4.151	4.150	-0.009	48	3167	0.3848	
42 2-Methylnaphthalene	142	4.691	4.686	-0.007	84	1086	0.1984	
$ 50 2-Fluorobiphenyl	172	4.980	4.988	-0.008	96	152116	24.9	
59 Acenaphthylene	152	5.373	5.372	-0.008	96	5449	0.6835	
* 61 Acenaphthene-d10	164	5.482	5.491	-0.009	97	161284	40.0	
62 Acenaphthene	154	5.503	5.514	-0.011	3	1056	0.2196	
66 Dibenzofuran	168	5.639	5.637	-0.008	84	1294	0.1771	
70 Fluorene	166	5.896	5.896	-0.009	86	1397	0.2340	
* 83 Phenanthrene-d10	188	6.597	6.606	-0.010	99	308699	40.0	
84 Phenanthrene	178	6.614	6.620	-0.012	99	34357	3.81	
85 Anthracene	178	6.653	6.652	-0.012	96	7481	0.8021	
87 Carbazole	167	6.786	6.783	-0.006	79	3236	0.3820	
89 Fluoranthene	202	7.502	7.506	-0.012	97	66588	6.79	
91 Pyrene	202	7.668	7.666	-0.012	95	62094	5.92	
$ 93 Terphenyl-d14	244	7.807	7.816	-0.009	98	216934	28.5	
100 Benzo[a]anthracene	228	8.604	8.602	-0.010	55	30920	3.12	
* 98 Chrysene-d12	240	8.610	8.623	-0.013	99	299487	40.0	
101 Chrysene	228	8.631	8.627	-0.016	92	33304	3.36	
102 Bis(2-ethylhexyl) phthalate	149	8.678	8.670	-0.007	83	7043	0.9506	
104 Benzo[b]fluoranthene	252	9.582	9.584	-0.018	97	45312	5.15	
105 Benzo[k]fluoranthene	252	9.606	9.606	-0.020	1	18898	1.94	M
106 Benzo[a]pyrene	252	9.900	9.919	-0.019	96	29275	3.67	
* 107 Perylene-d12	264	9.962	9.973	-0.011	98	323970	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.042	11.039	-0.020	95	23601	2.93	
109 Dibenz(a,h)anthracene	278	11.071	11.071	-0.021	22	4346	0.5058	a
110 Benzo[g,h,i]perylene	276	11.303	11.308	-0.023	92	23691	2.49	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

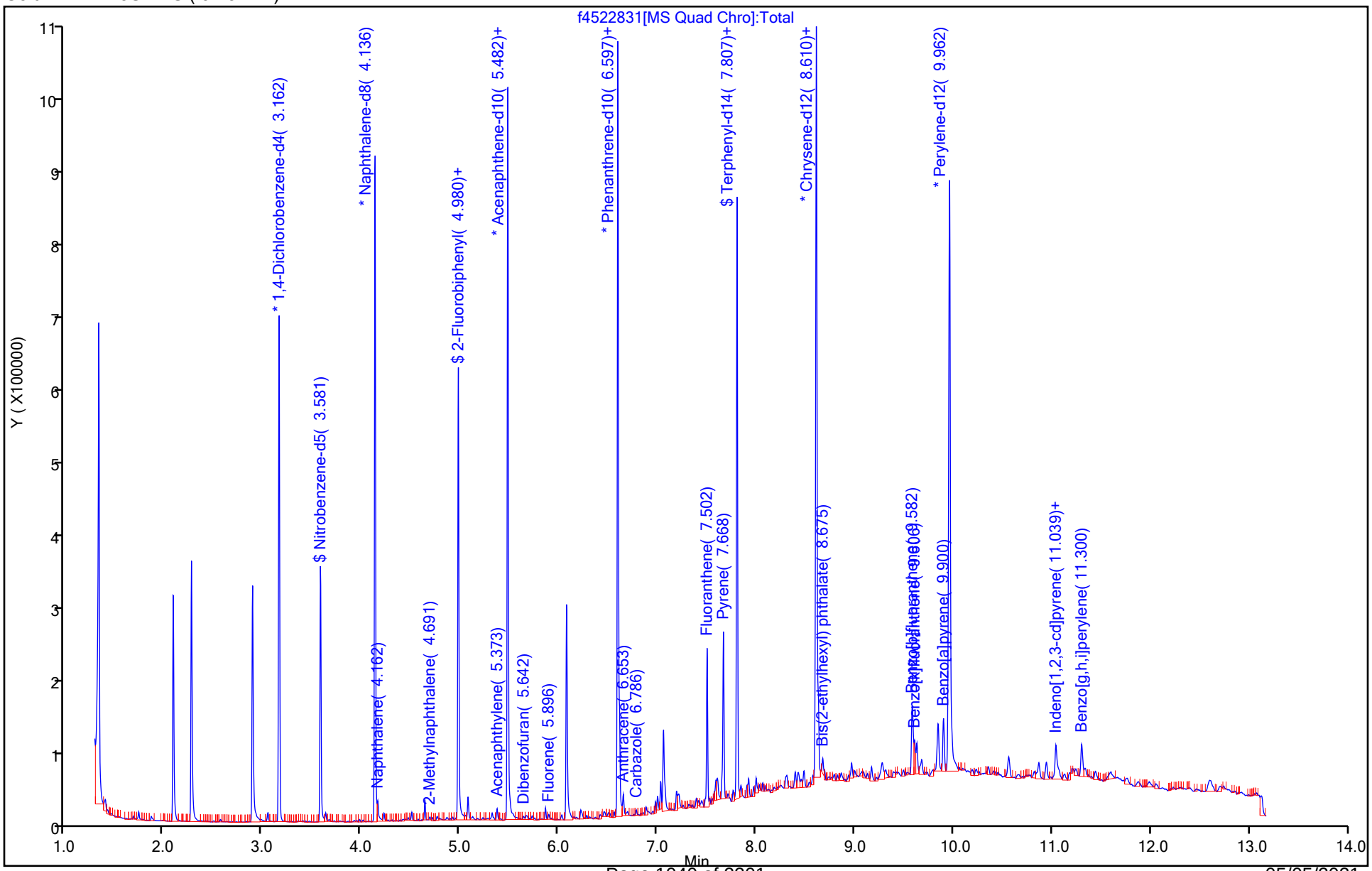
Report Date: 30-Apr-2021 15:48:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D

Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7	Worklist Smp#:	23
Client ID:	SB-06_0-2_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

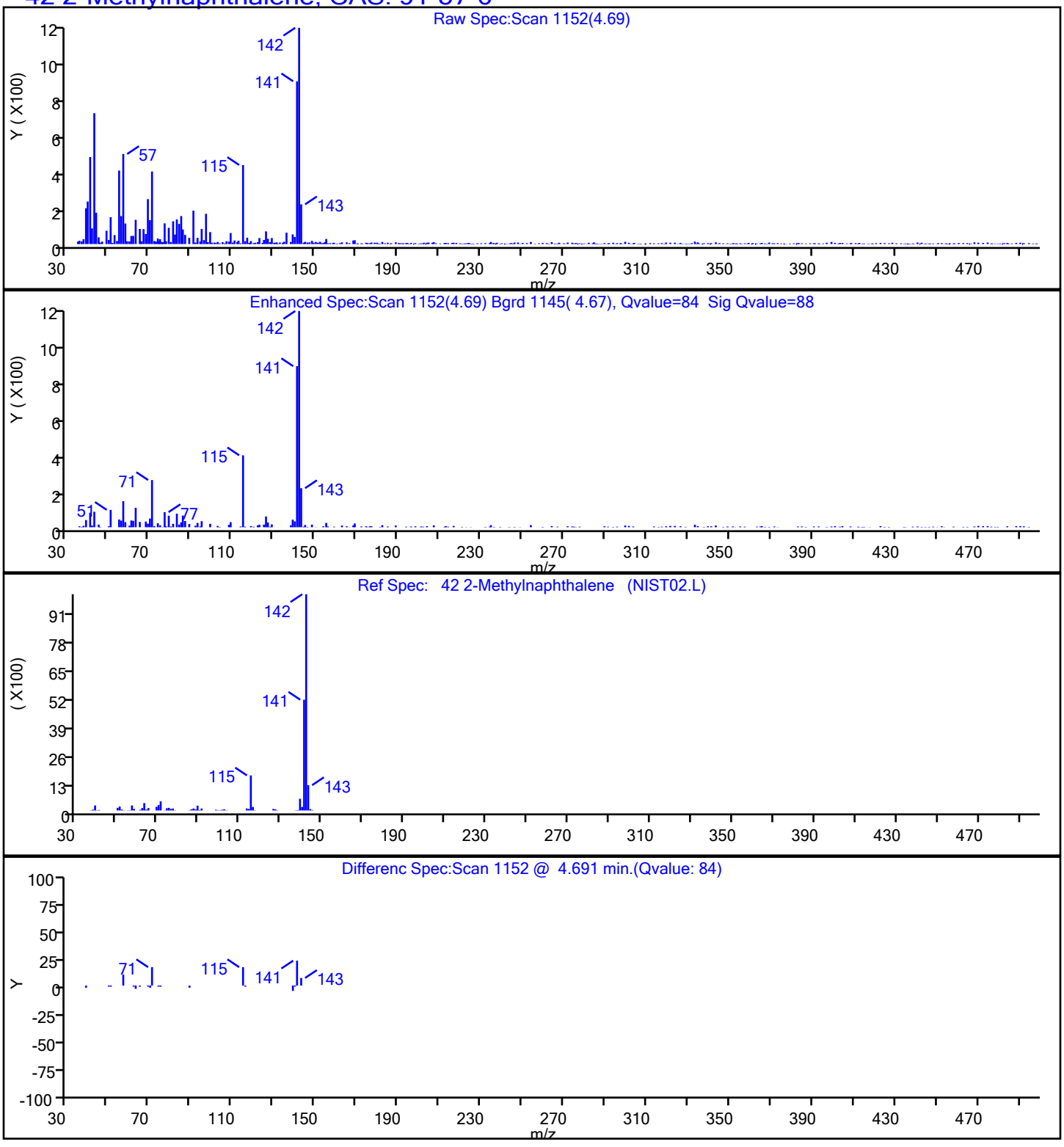
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

42 2-Methylnaphthalene, CAS: 91-57-6



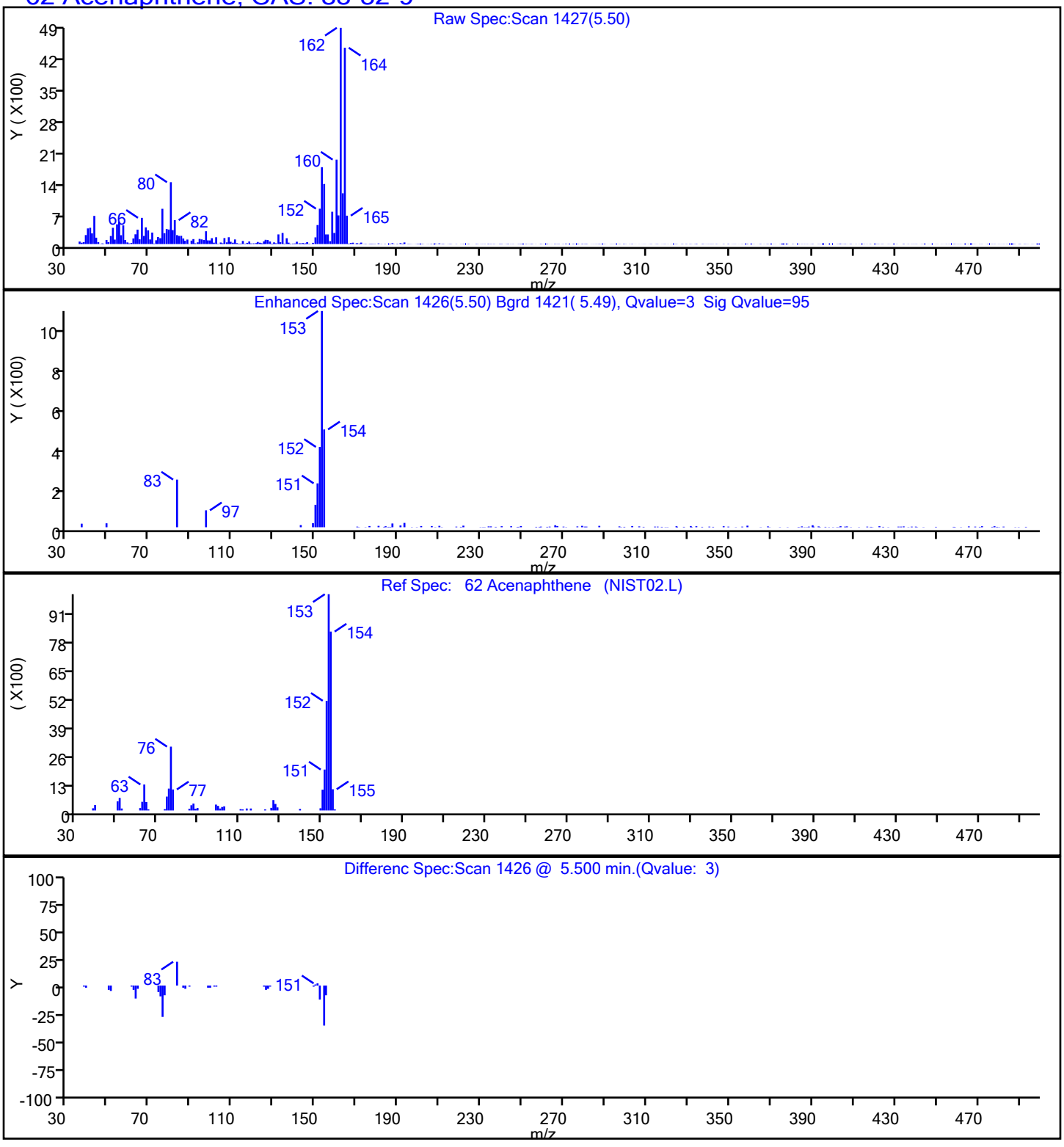
Report Date: 30-Apr-2021 15:48:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D

Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

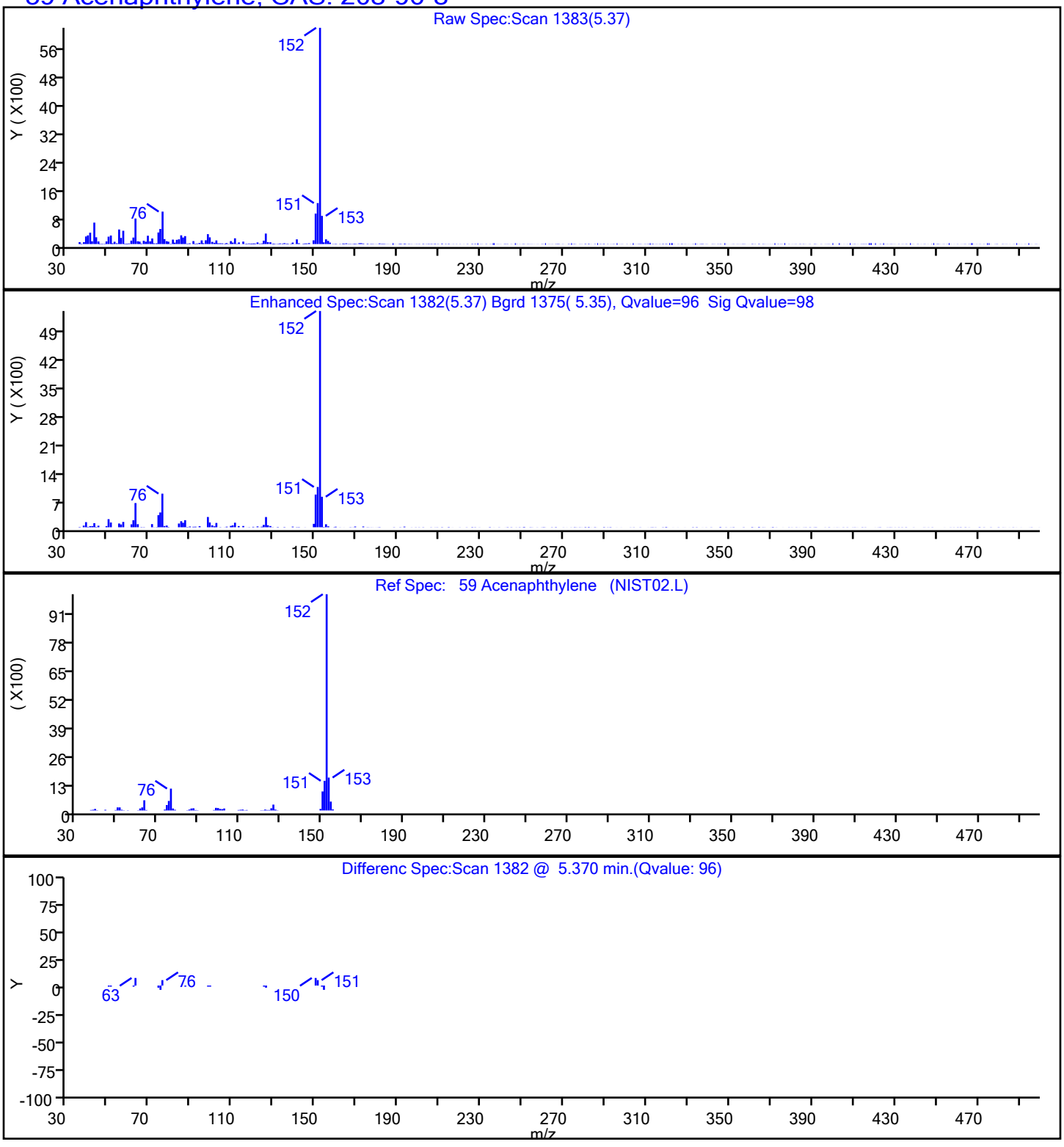
62 Acenaphthene, CAS: 83-32-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Acenaphthylene, CAS: 208-96-8

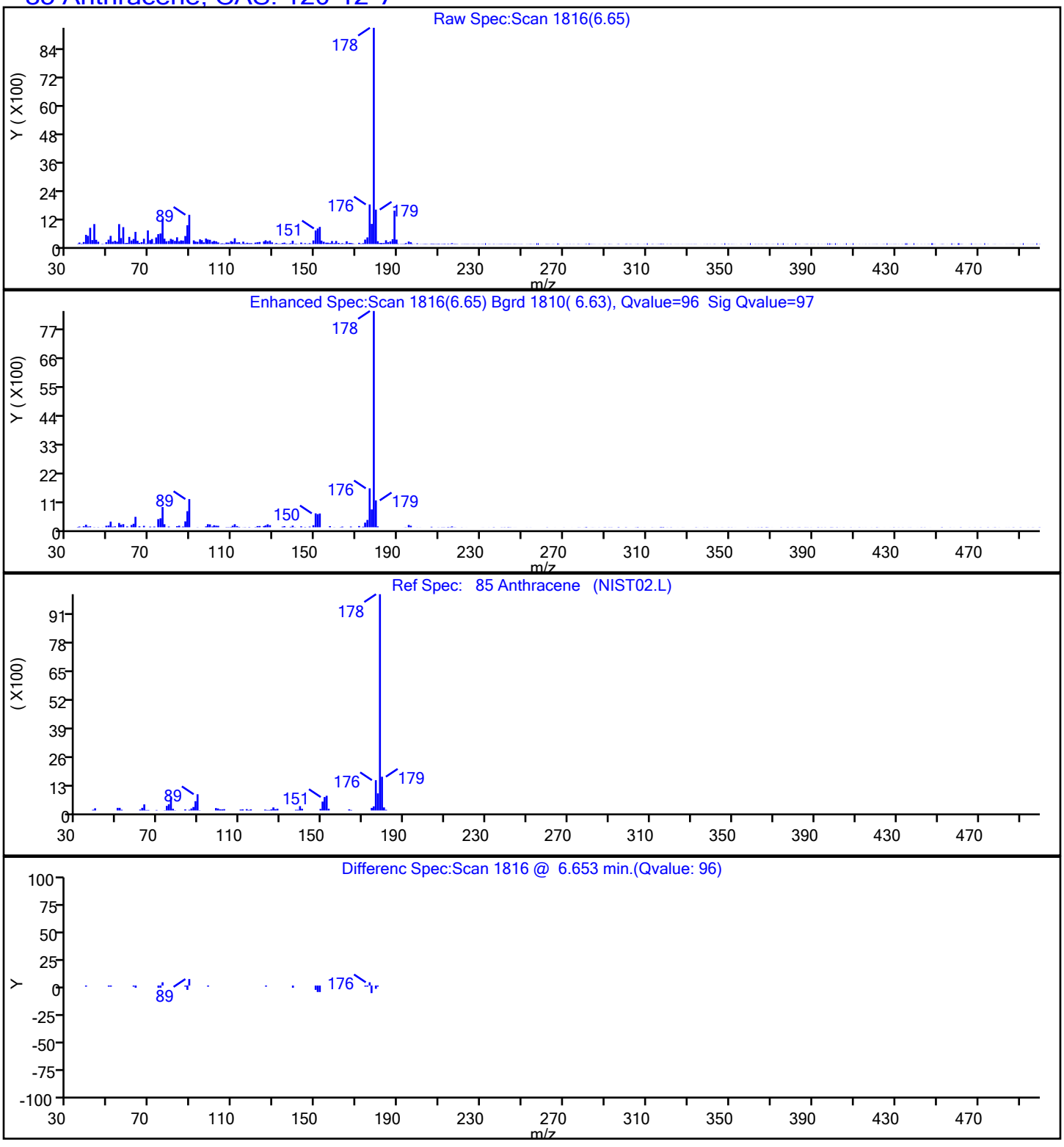


Report Date: 30-Apr-2021 15:48:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

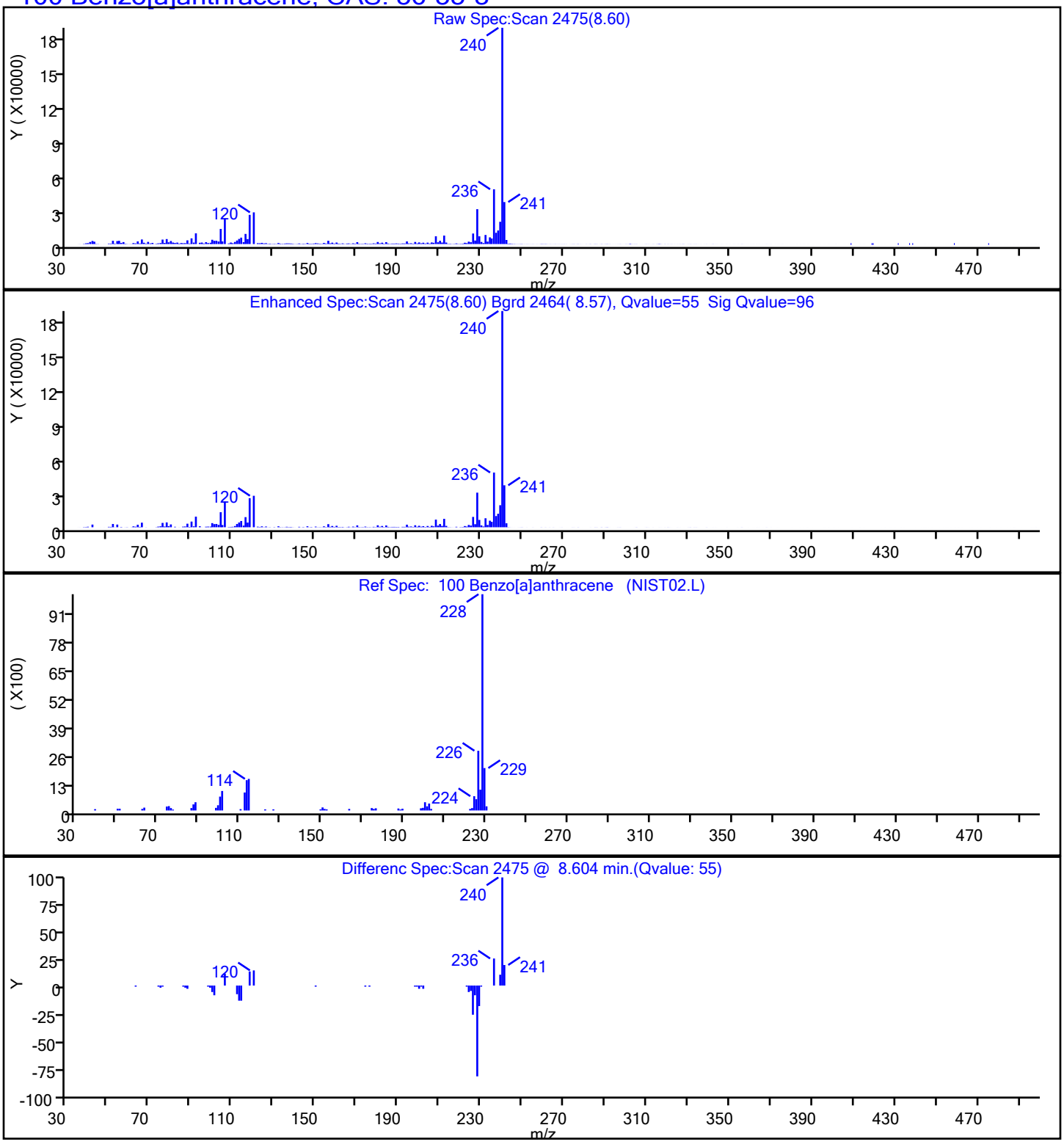
85 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

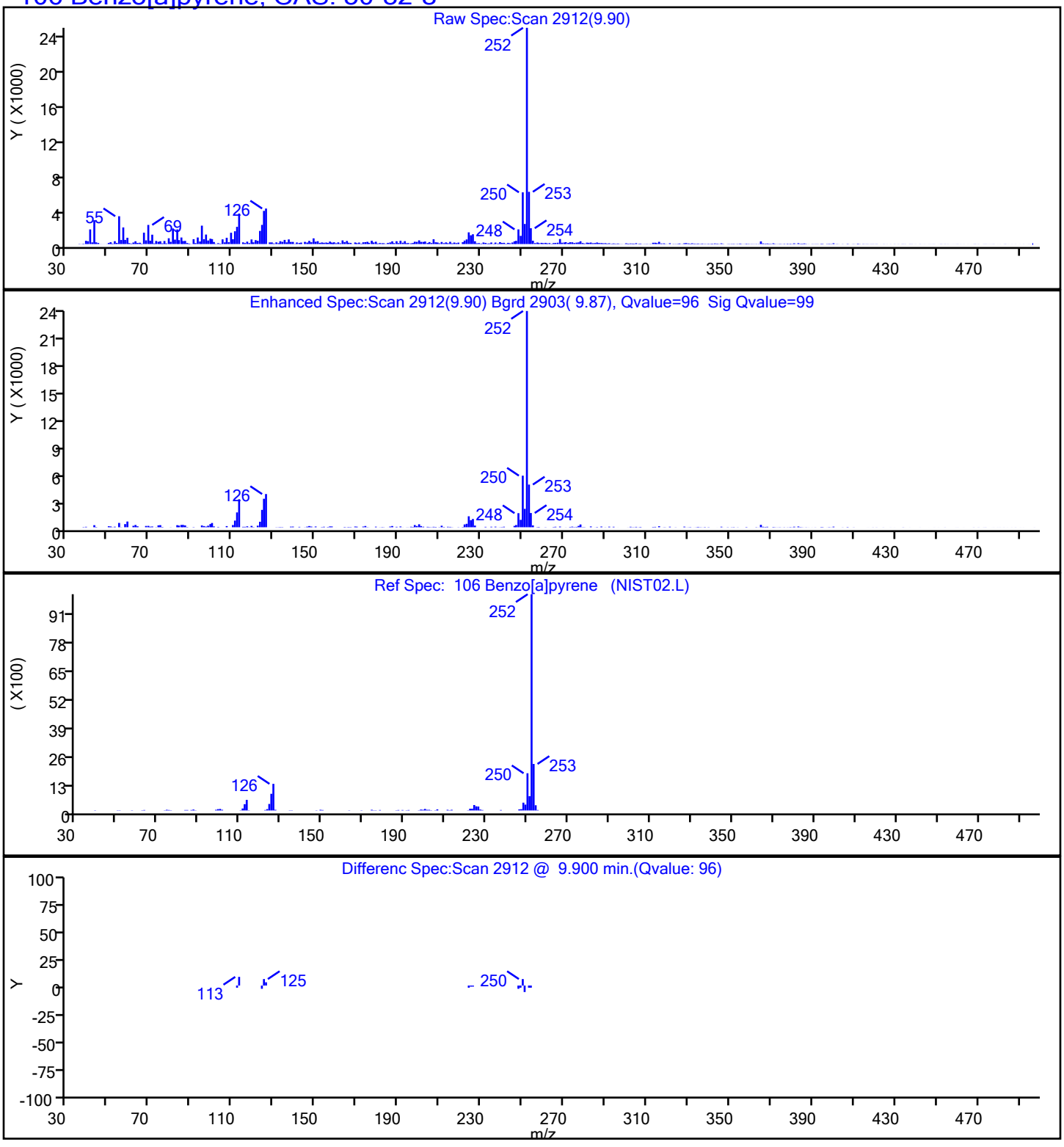
100 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

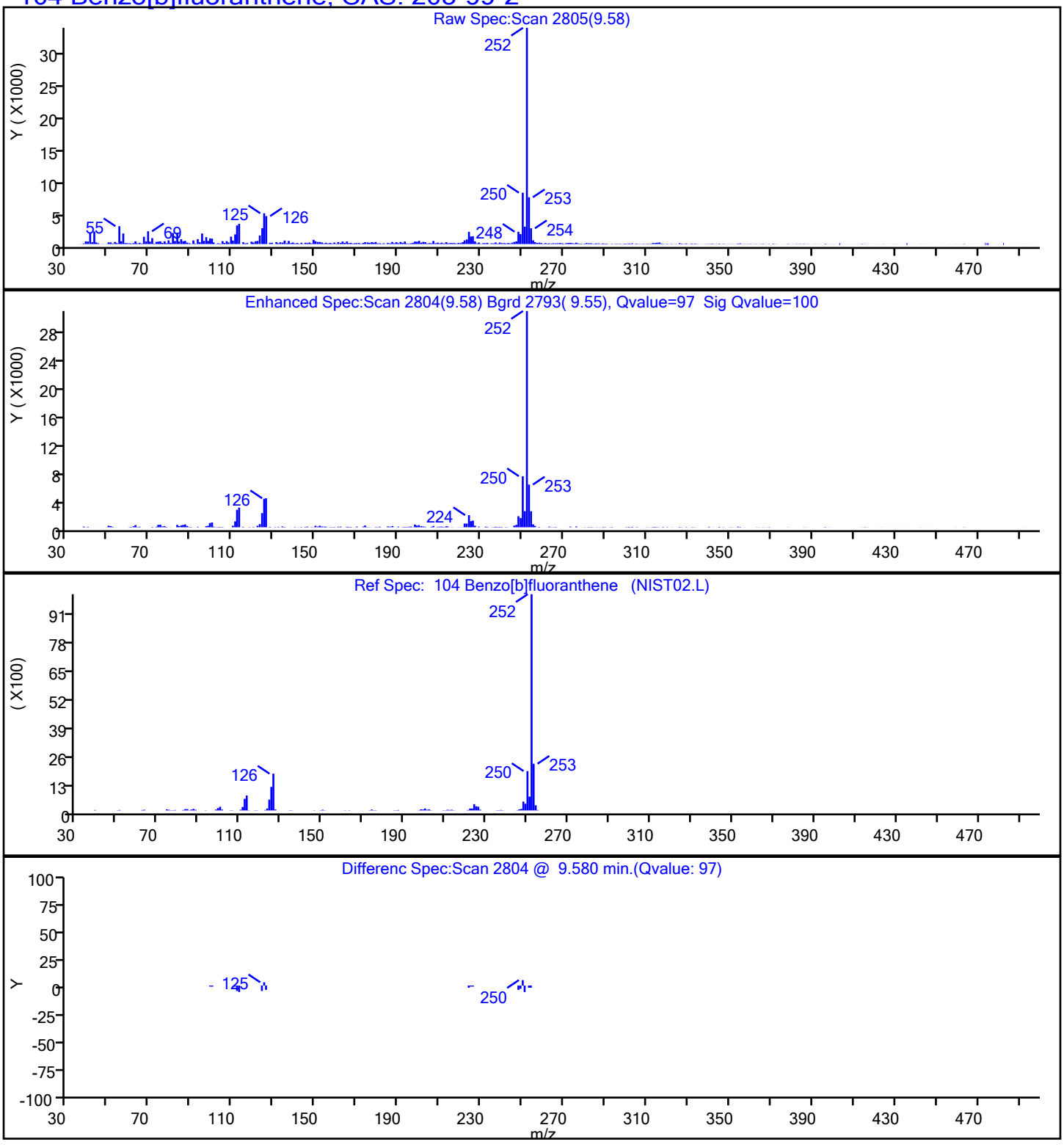
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

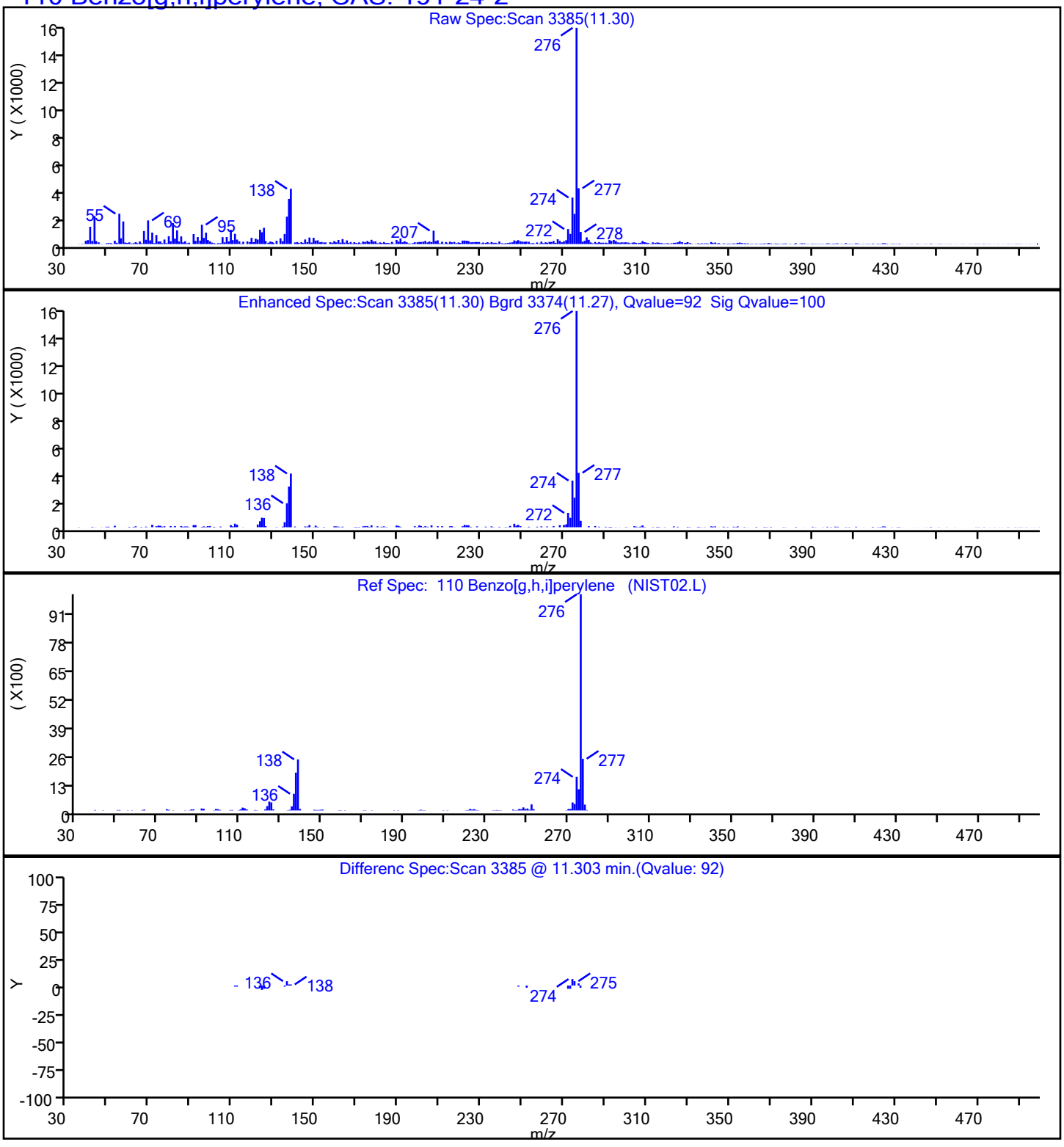
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

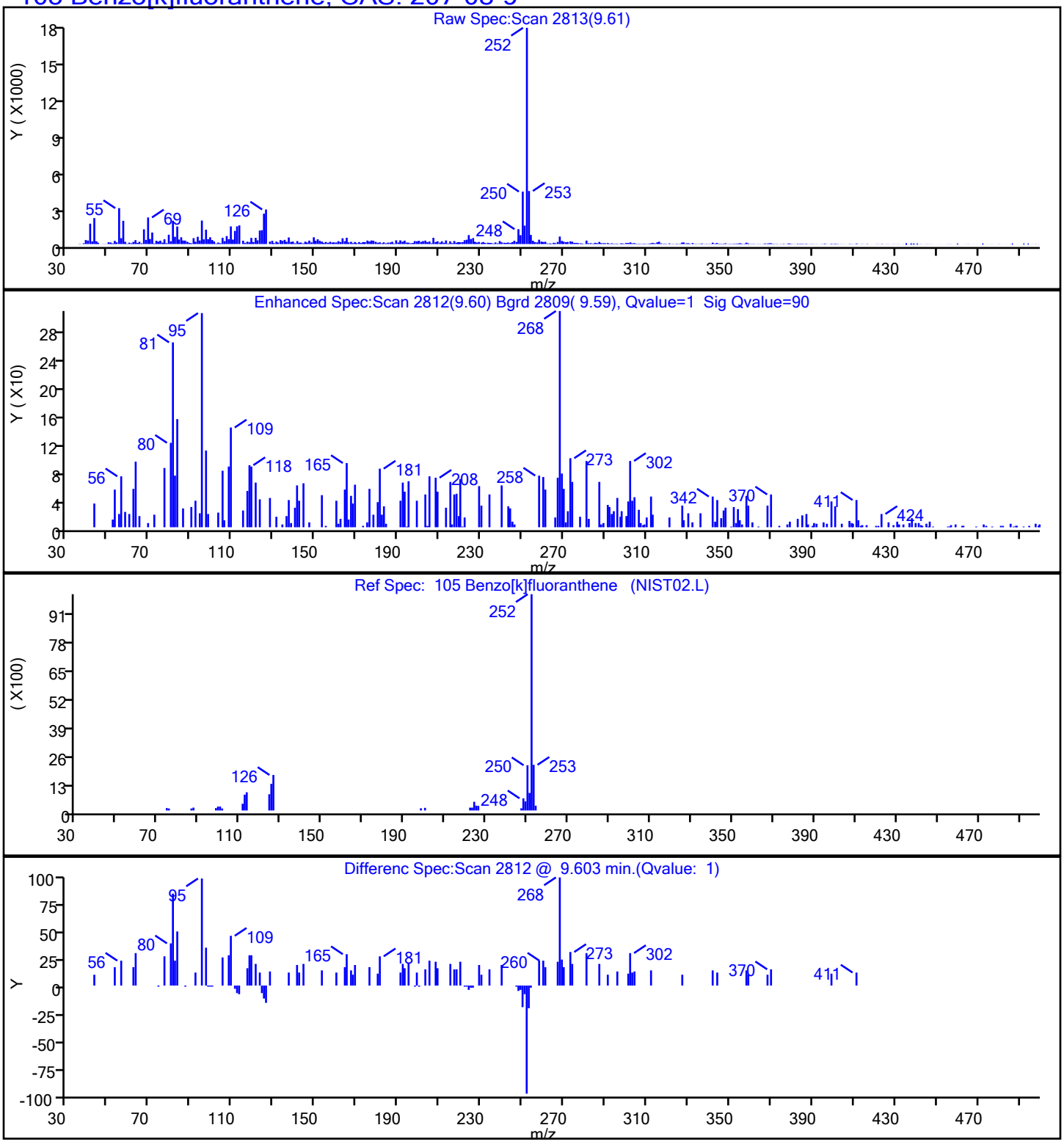
110 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

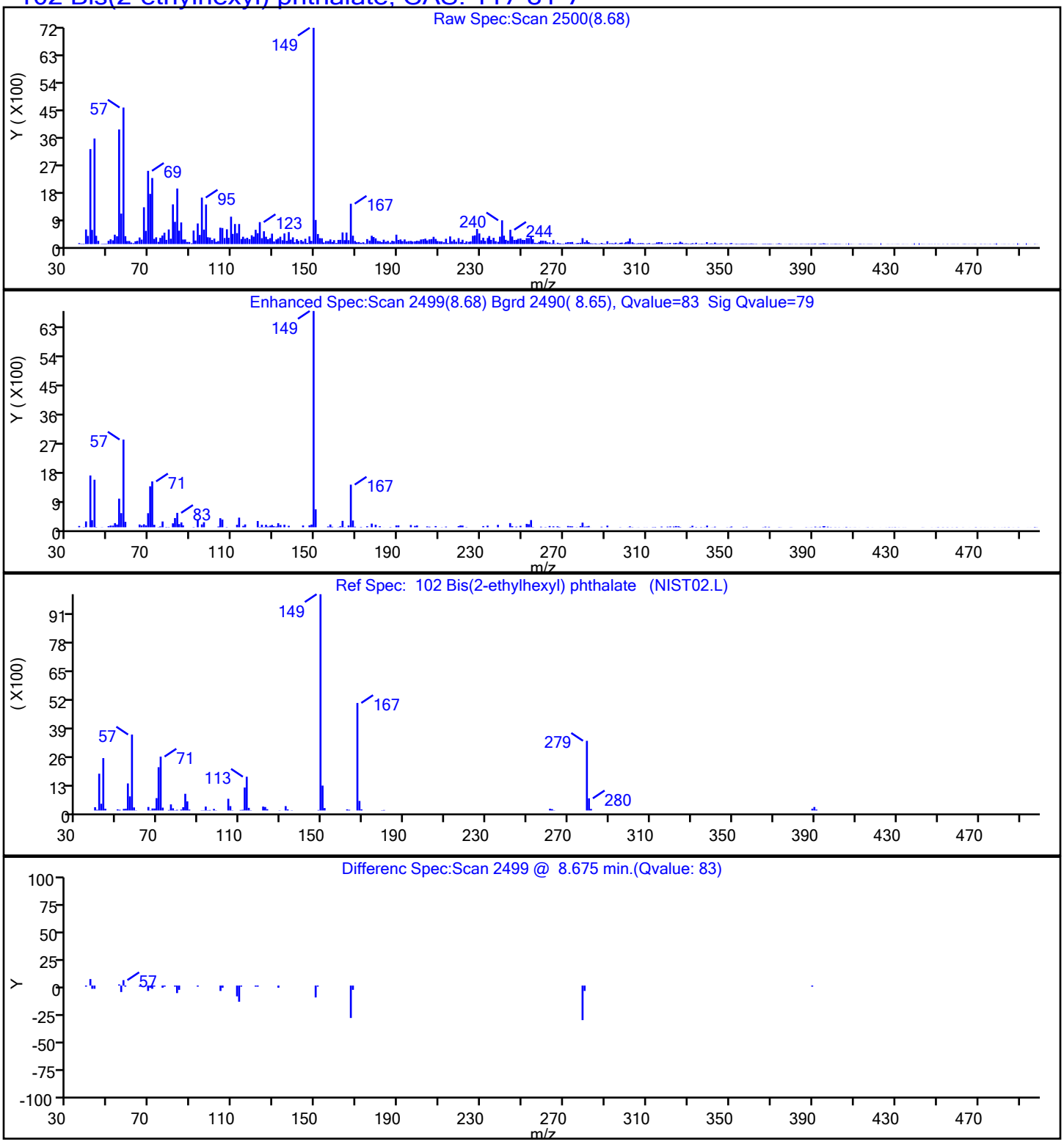
105 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

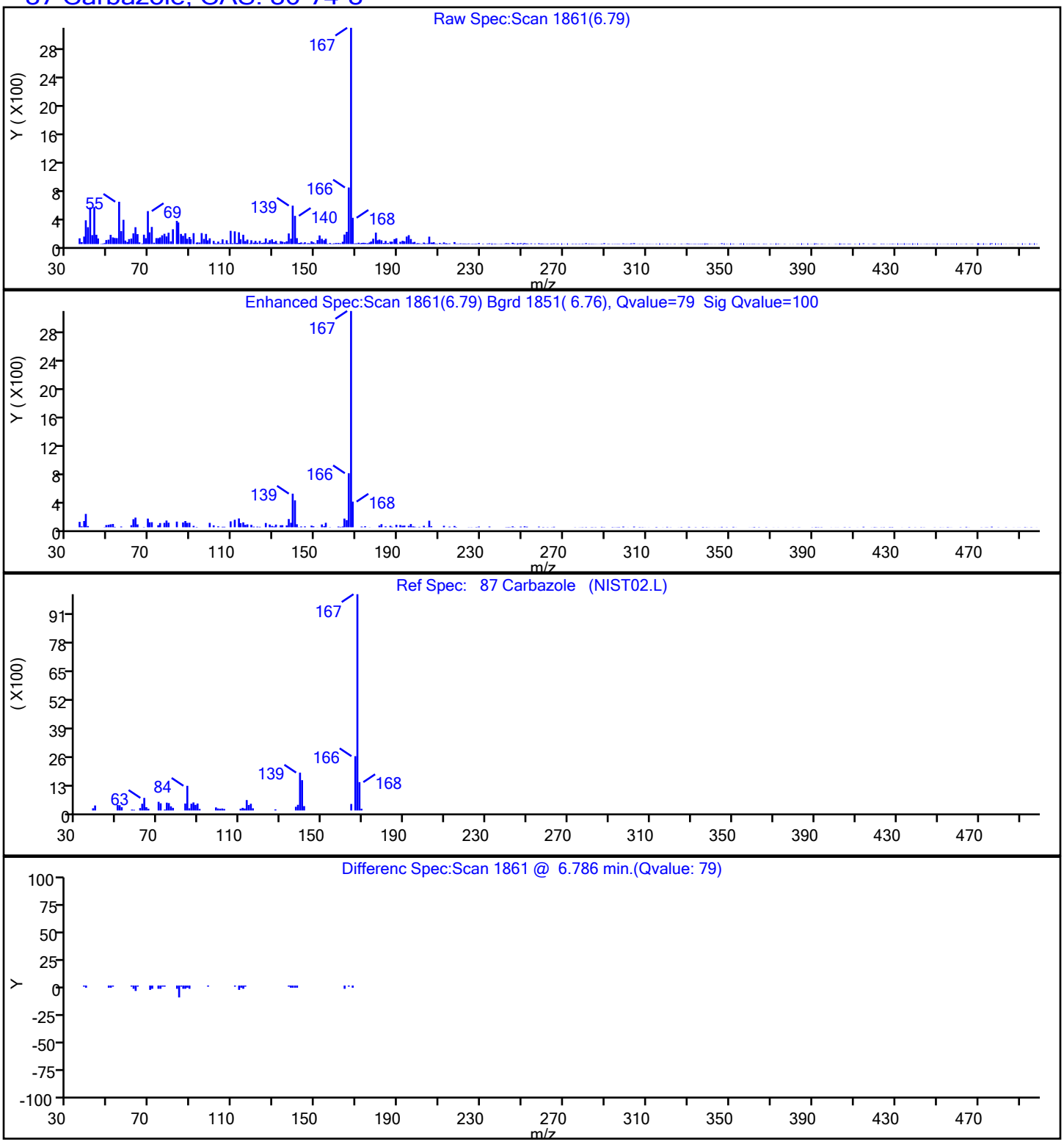
102 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

87 Carbazole, CAS: 86-74-8



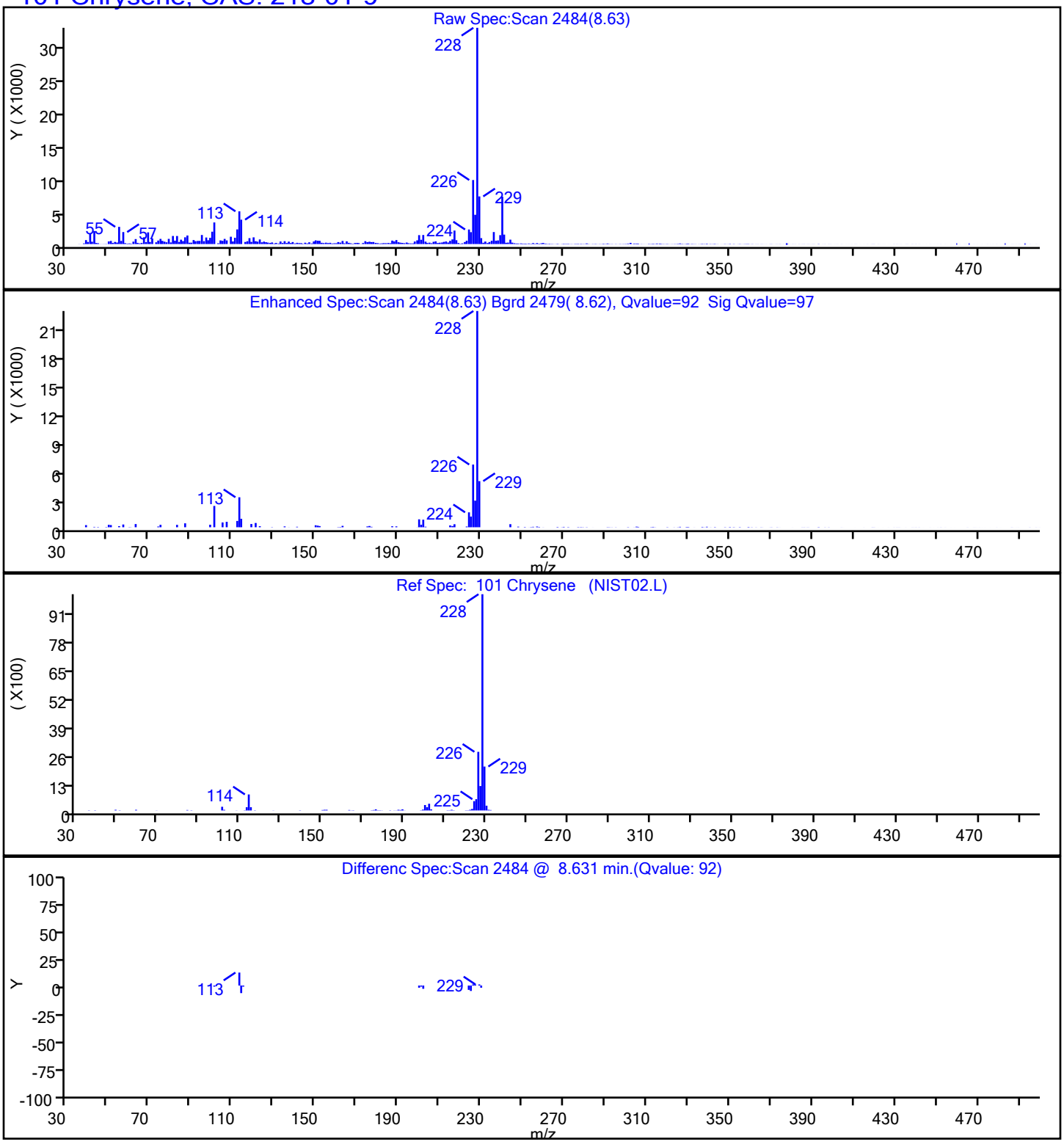
Report Date: 30-Apr-2021 15:48:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D

Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

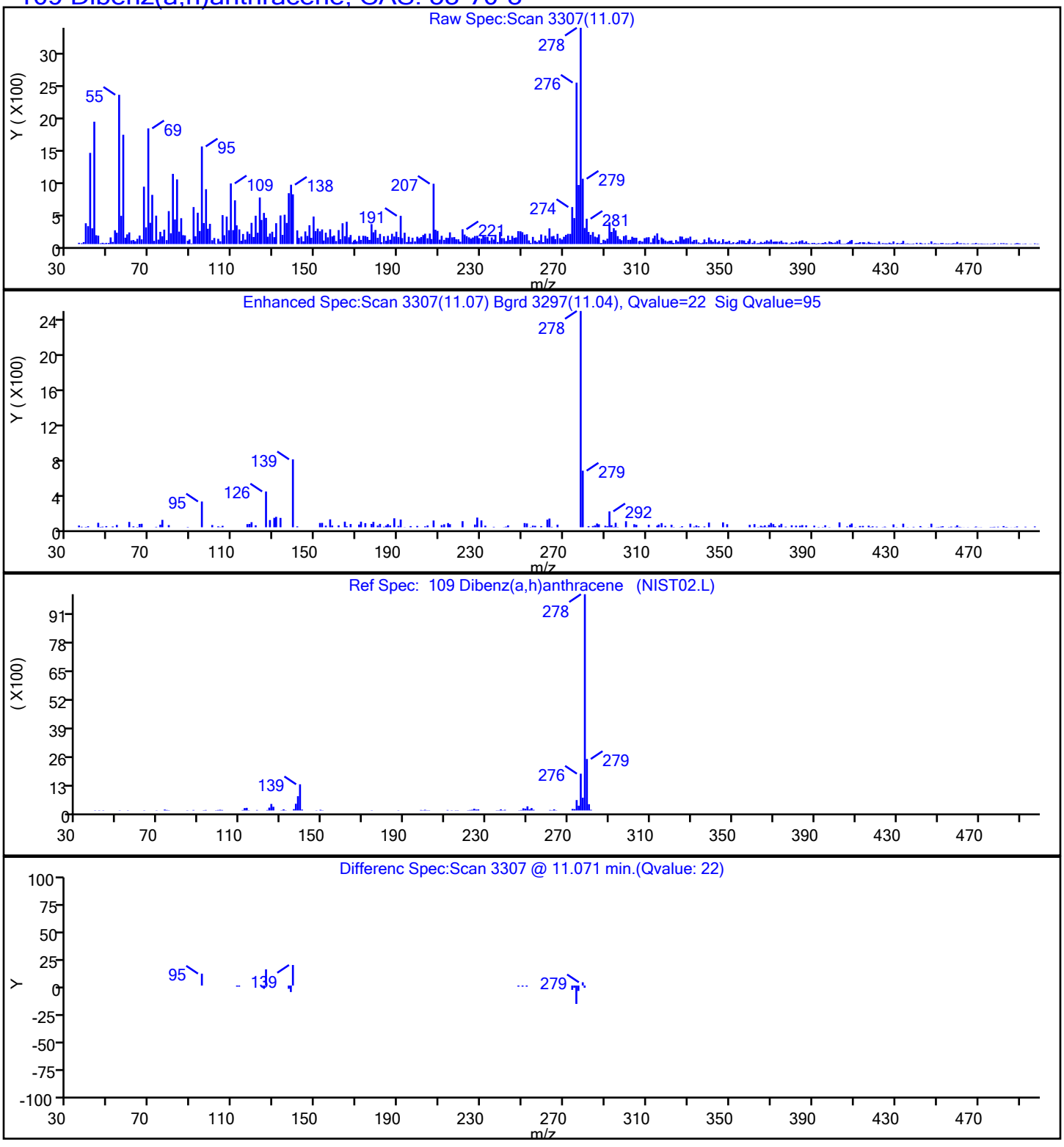
101 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

109 Dibenz(a,h)anthracene, CAS: 53-70-3



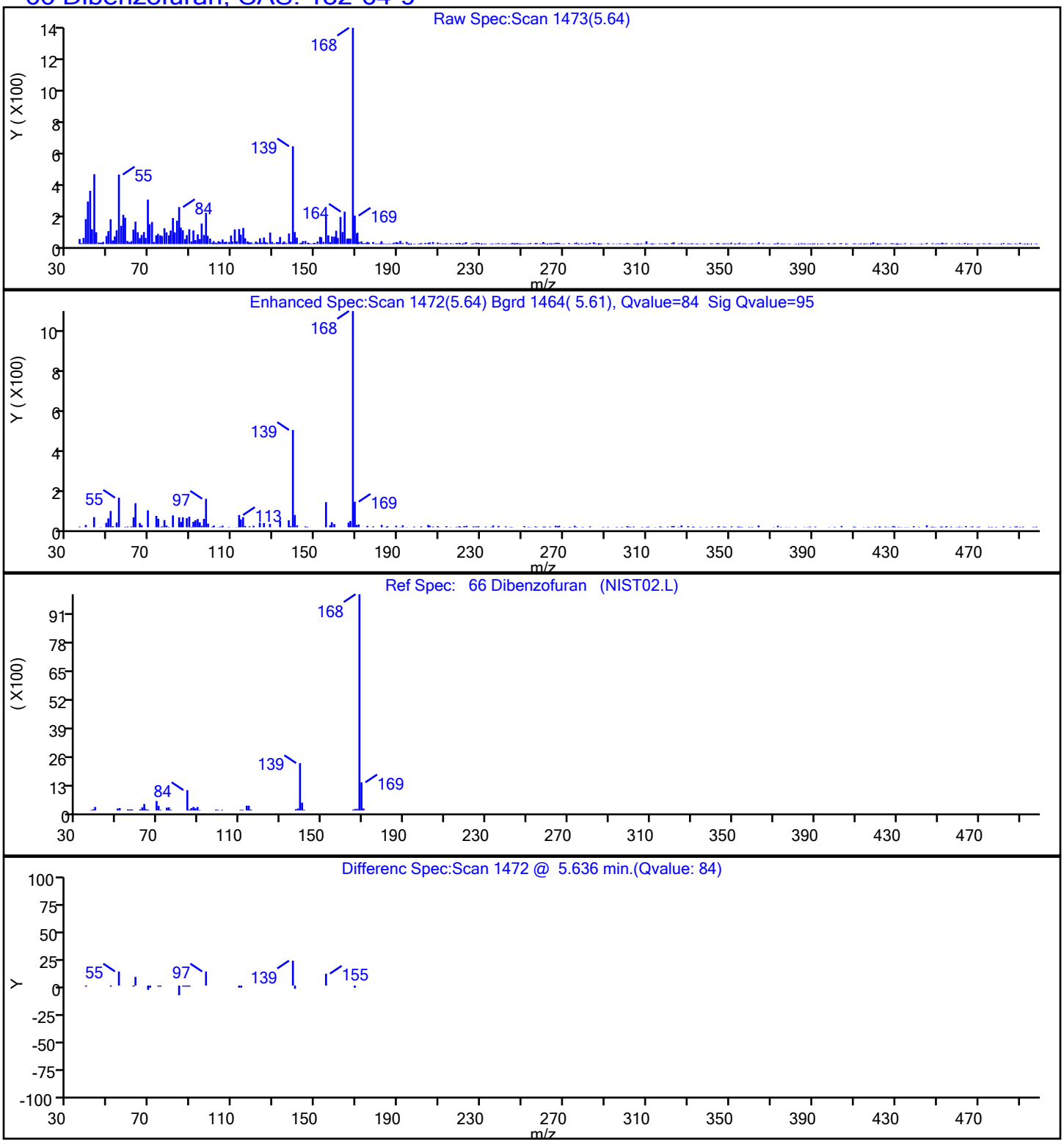
Report Date: 30-Apr-2021 15:48:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D

Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Dibenzofuran, CAS: 132-64-9



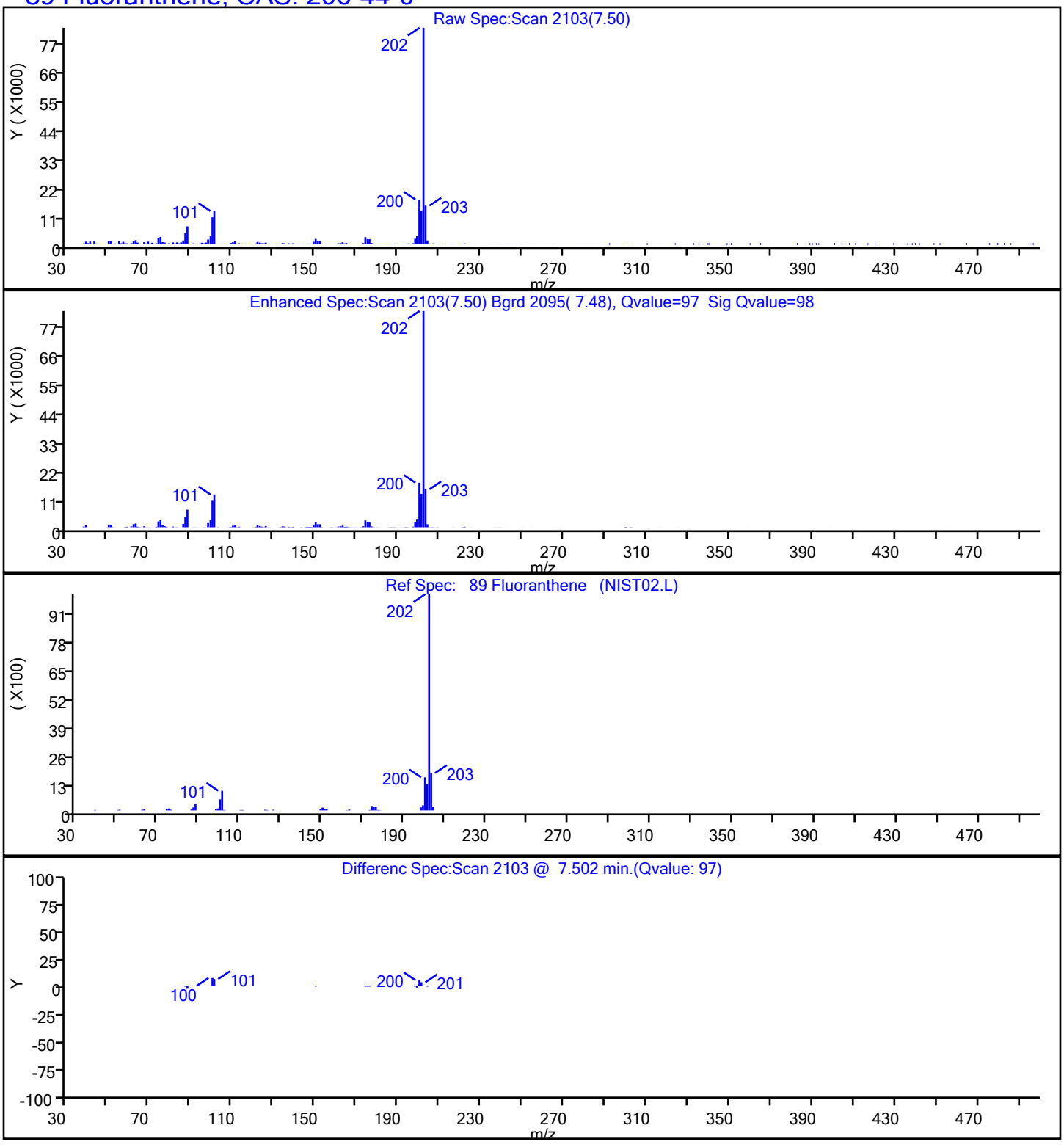
Report Date: 30-Apr-2021 15:48:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D

Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Fluoranthene, CAS: 206-44-0

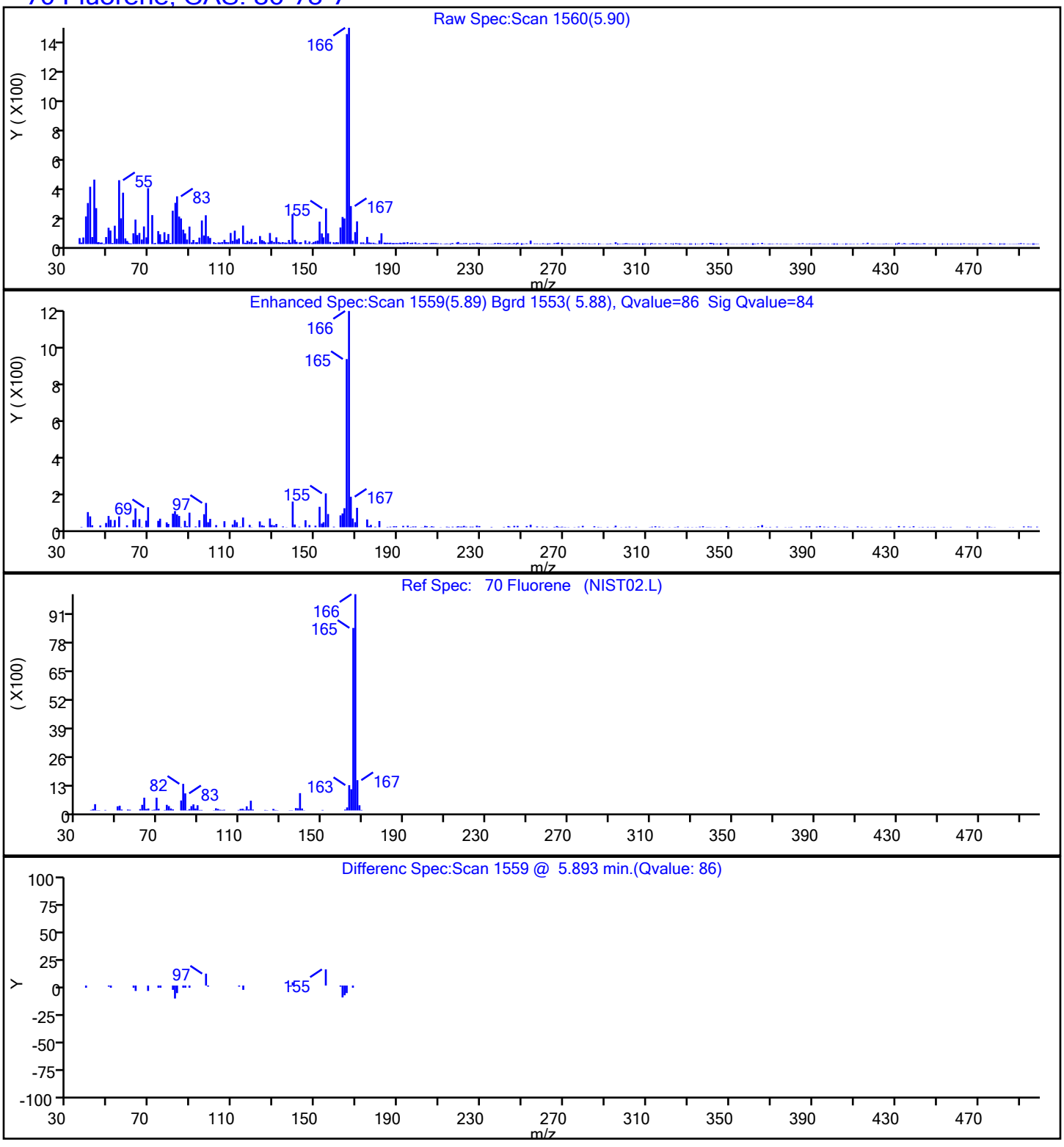


Report Date: 30-Apr-2021 15:48:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

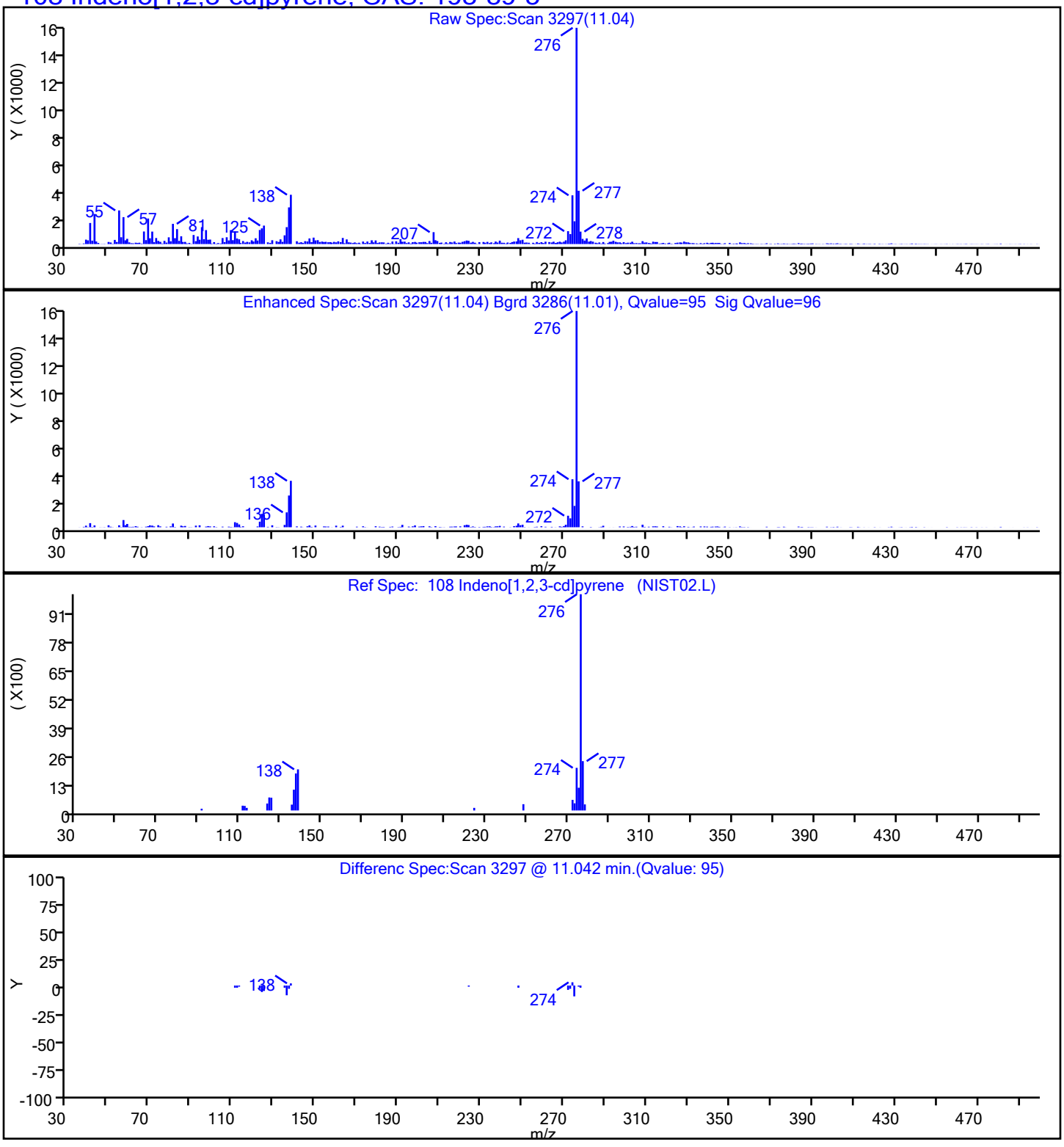
70 Fluorene, CAS: 86-73-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

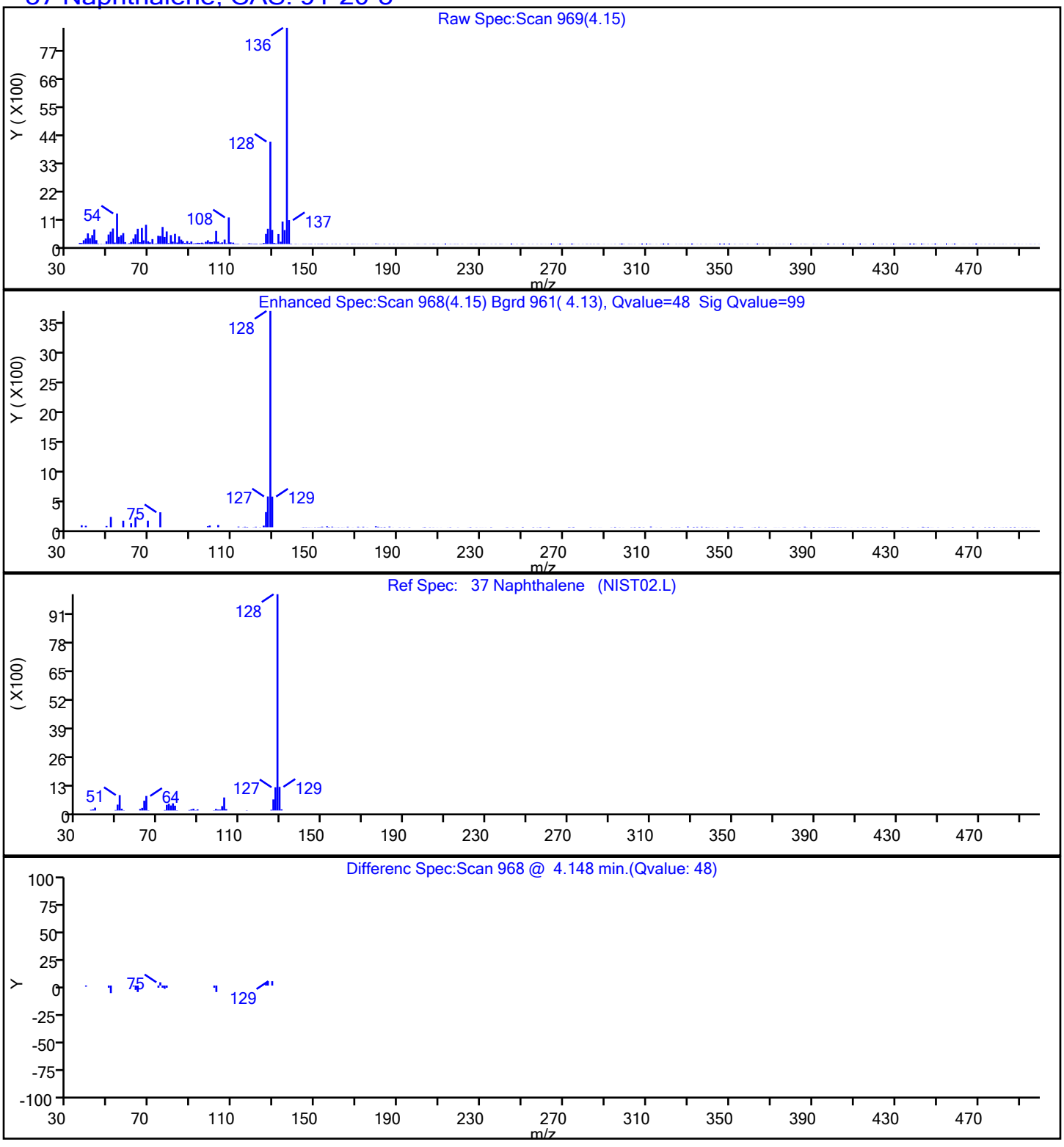


Report Date: 30-Apr-2021 15:48:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

37 Naphthalene, CAS: 91-20-3

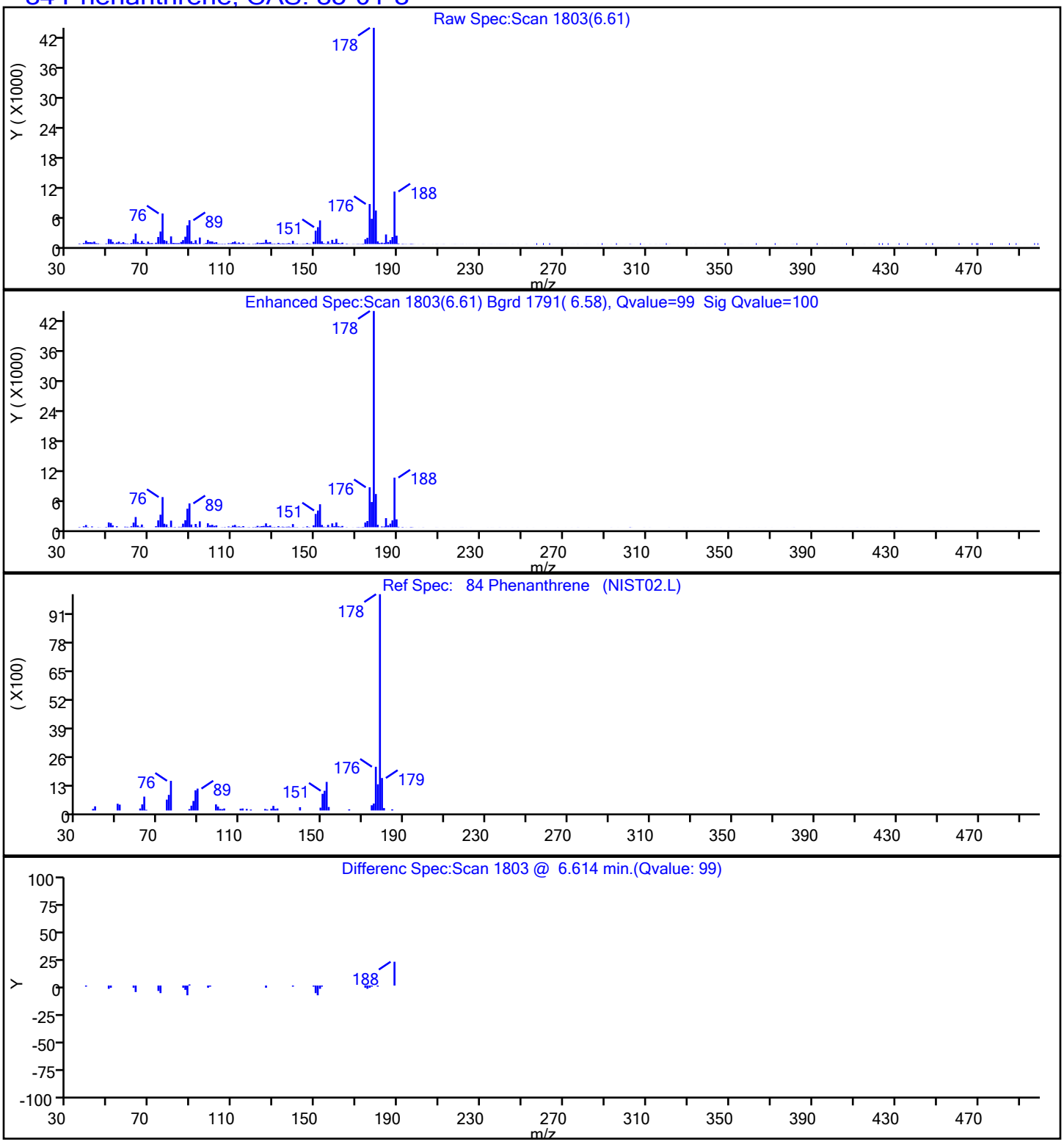


Report Date: 30-Apr-2021 15:48:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8

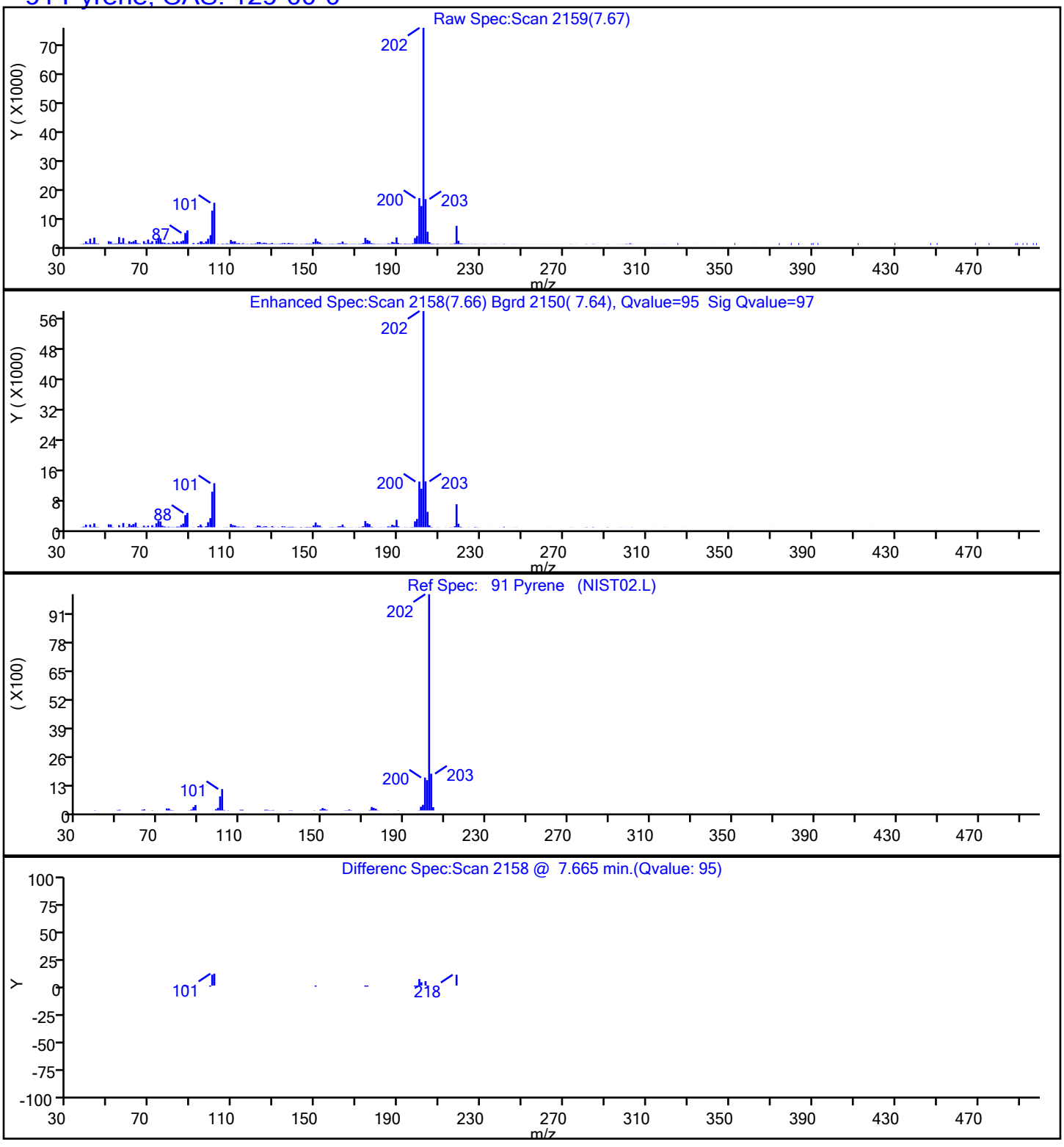


Report Date: 30-Apr-2021 15:48:51 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Pyrene, CAS: 129-00-0



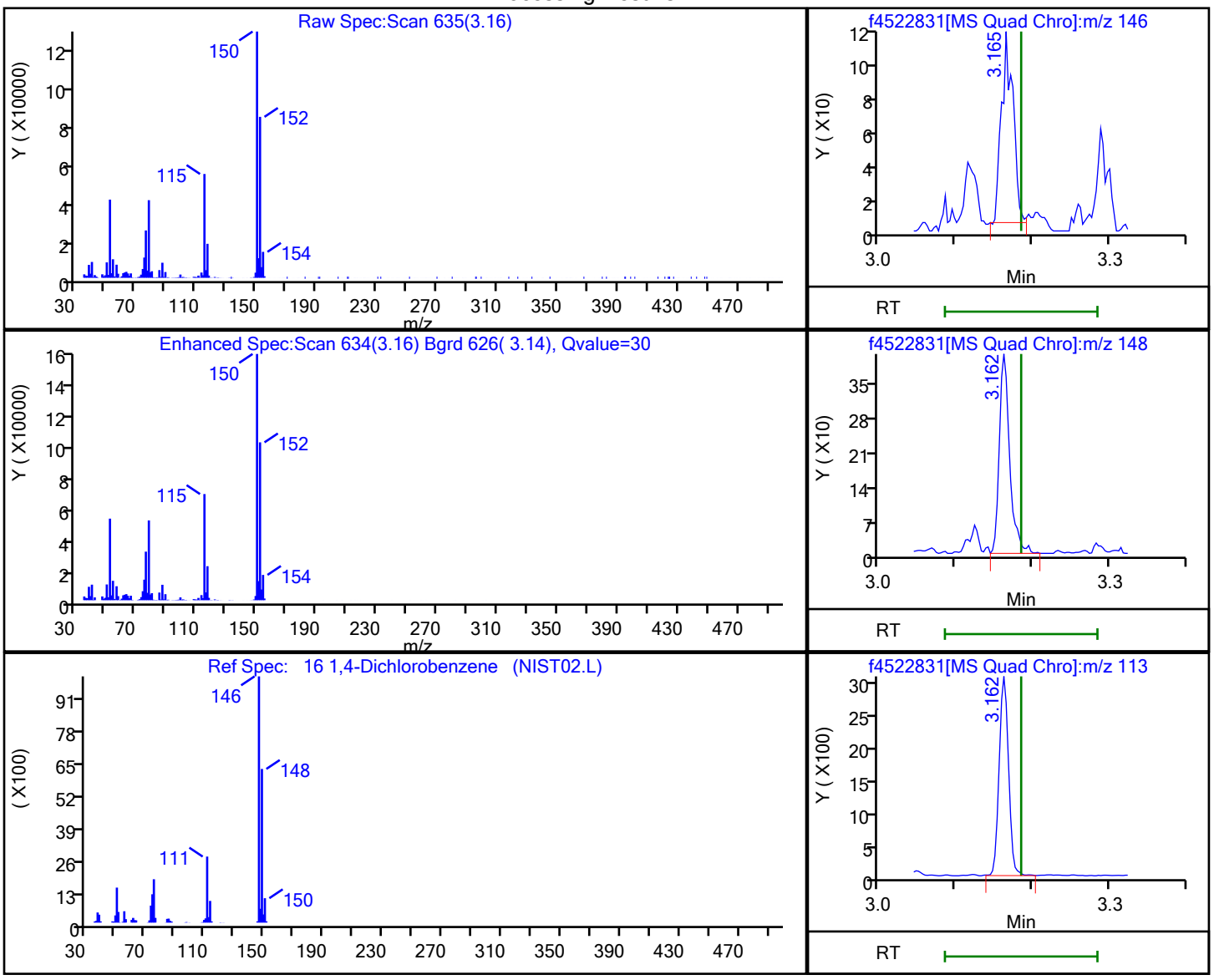
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

16 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
3.16	146.00	120	0.038033
3.16	148.00	382	
3.16	113.00	2651	

Reviewer: khlungprakhons, 30-Apr-2021 15:47:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

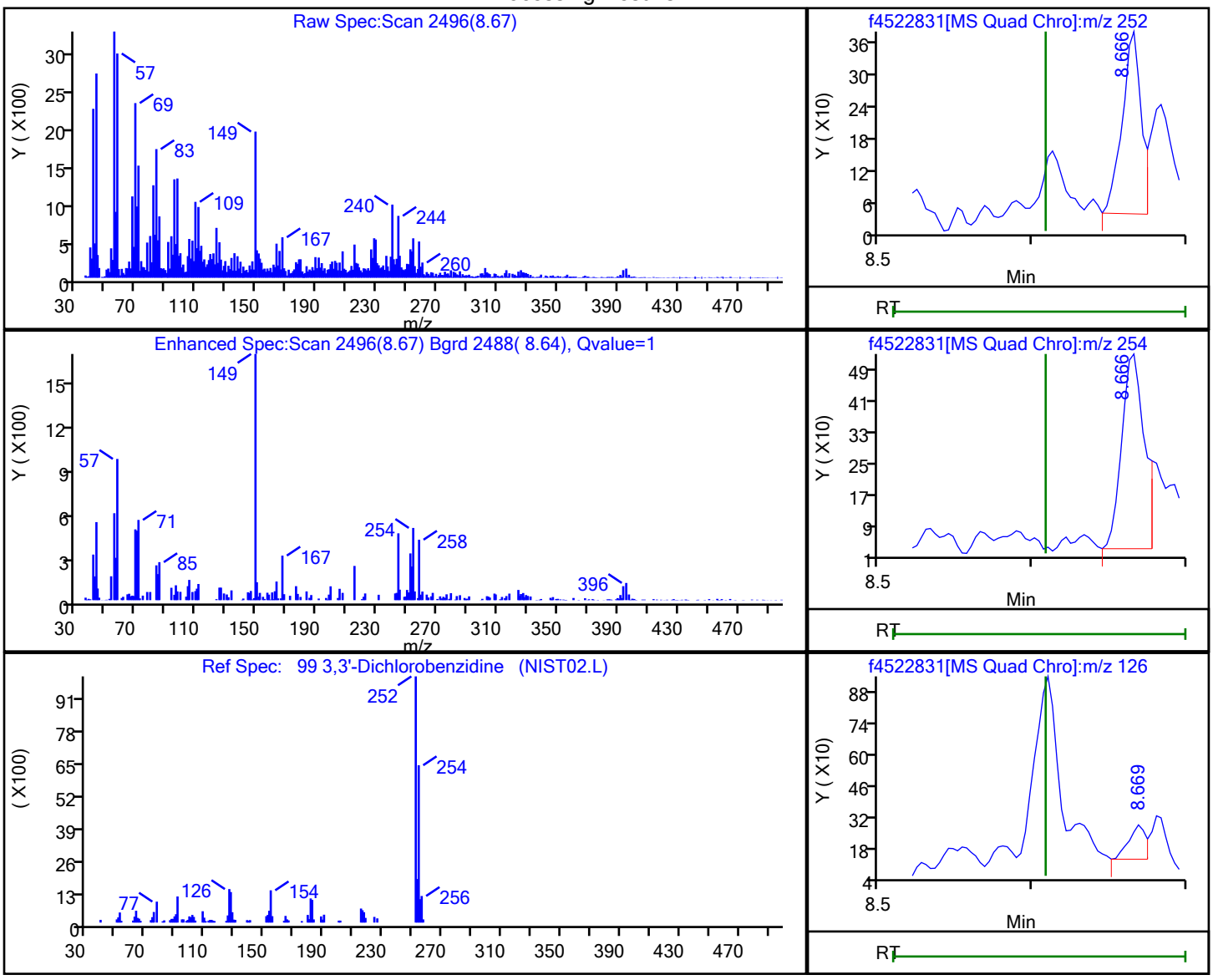
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

99 3,3'-Dichlorobenzidine, CAS: 91-94-1

Processing Results



RT	Mass	Response	Amount
8.67	252.00	296	0.076757
8.67	254.00	524	
8.67	126.00	121	

Reviewer: khlungprakhons, 30-Apr-2021 15:47:57

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

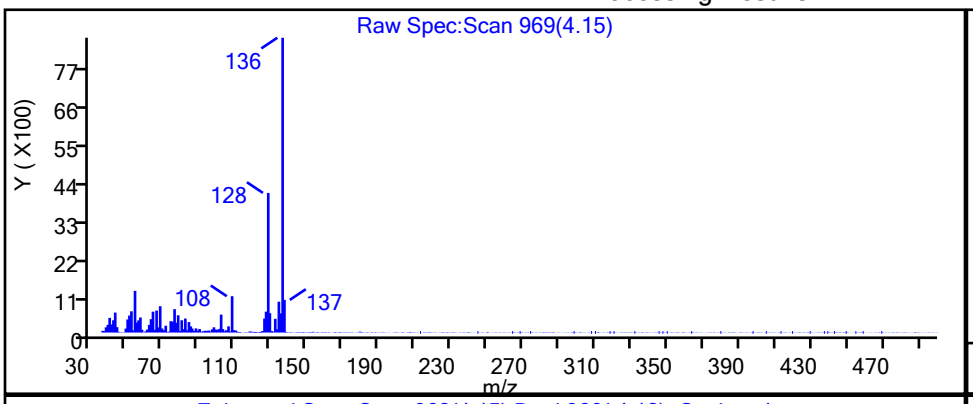
User Disabled Compound Report

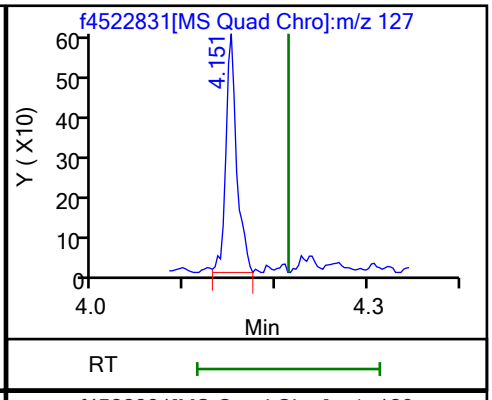
Eurofins TestAmerica, Edison

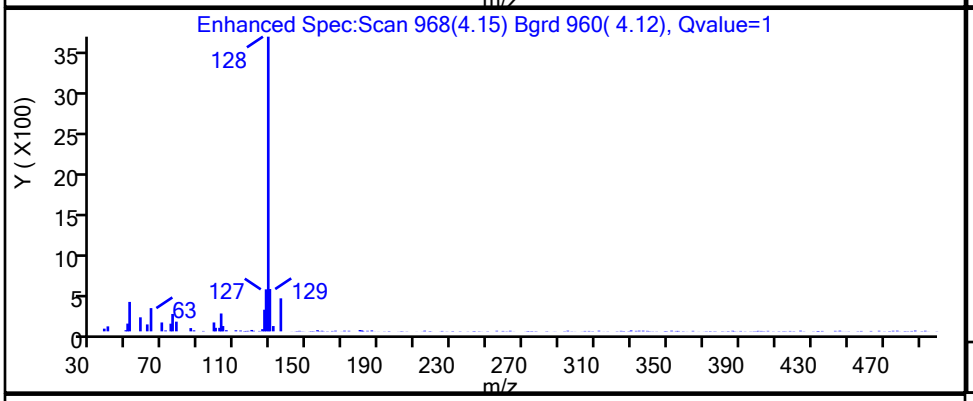
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

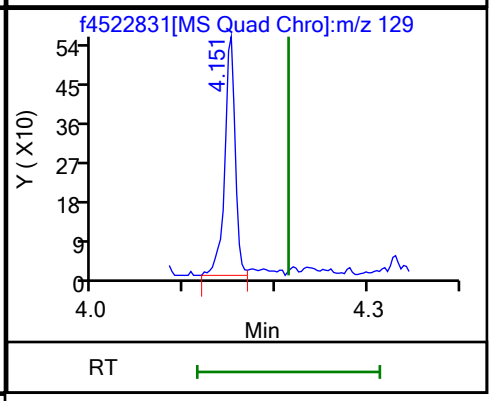
38 4-Chloroaniline, CAS: 106-47-8

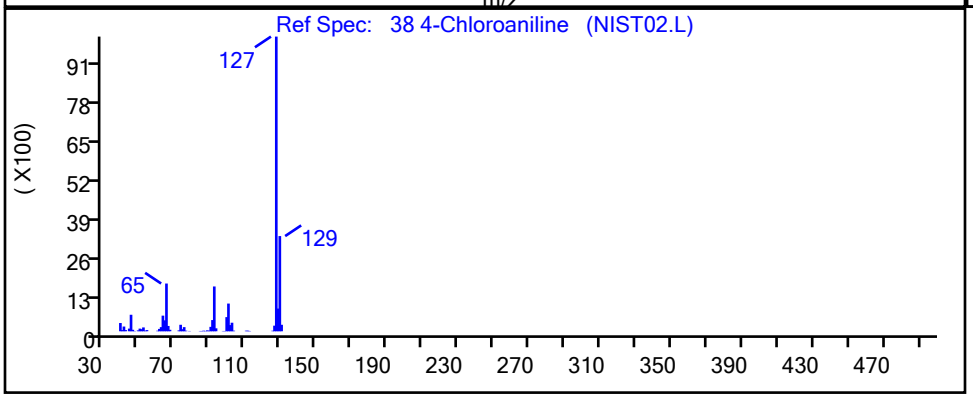
Processing Results











RT	Mass	Response	Amount
4.15	127.00	493	0.142815
4.15	129.00	443	

Reviewer: khlungprakhons, 30-Apr-2021 15:47:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

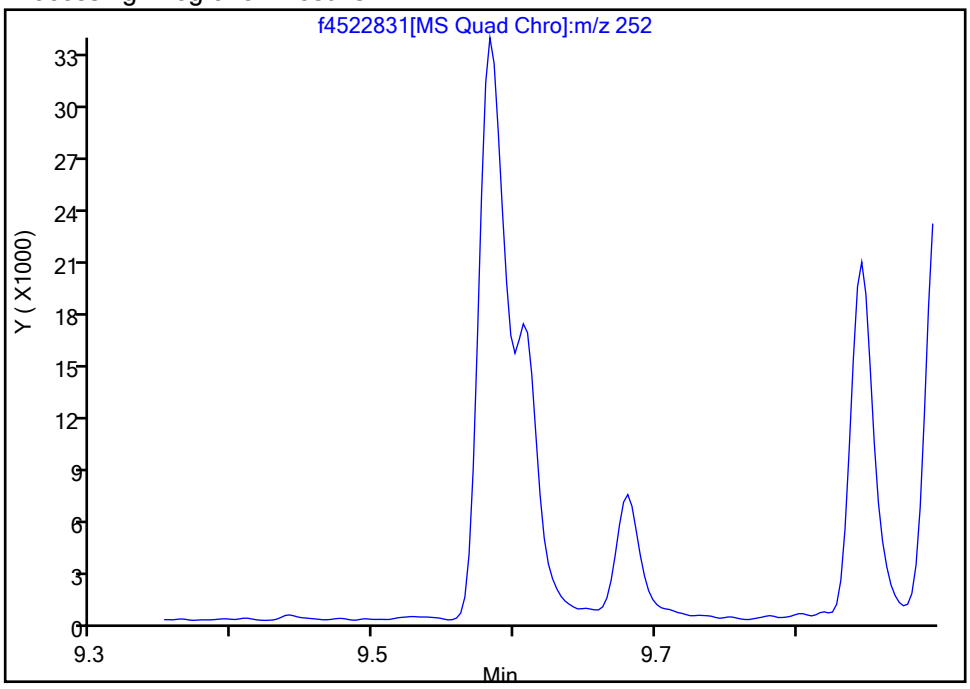
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

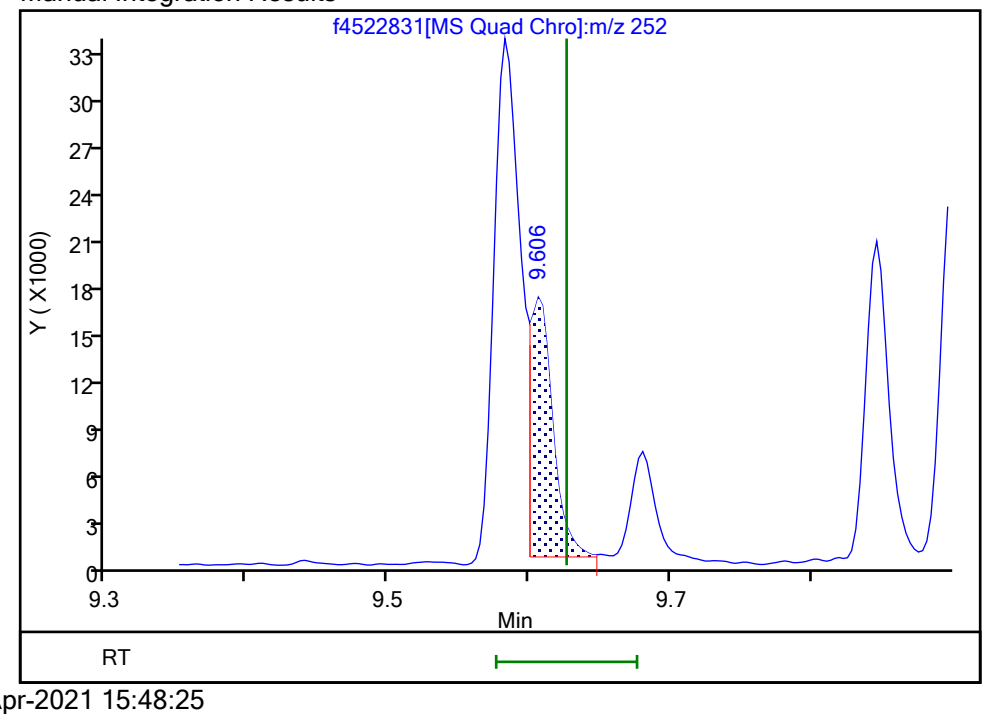
Not Detected
Expected RT: 9.63

Processing Integration Results



Manual Integration Results

RT: 9.61
Area: 18898
Amount: 1.935416
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-Apr-2021 15:48:25
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

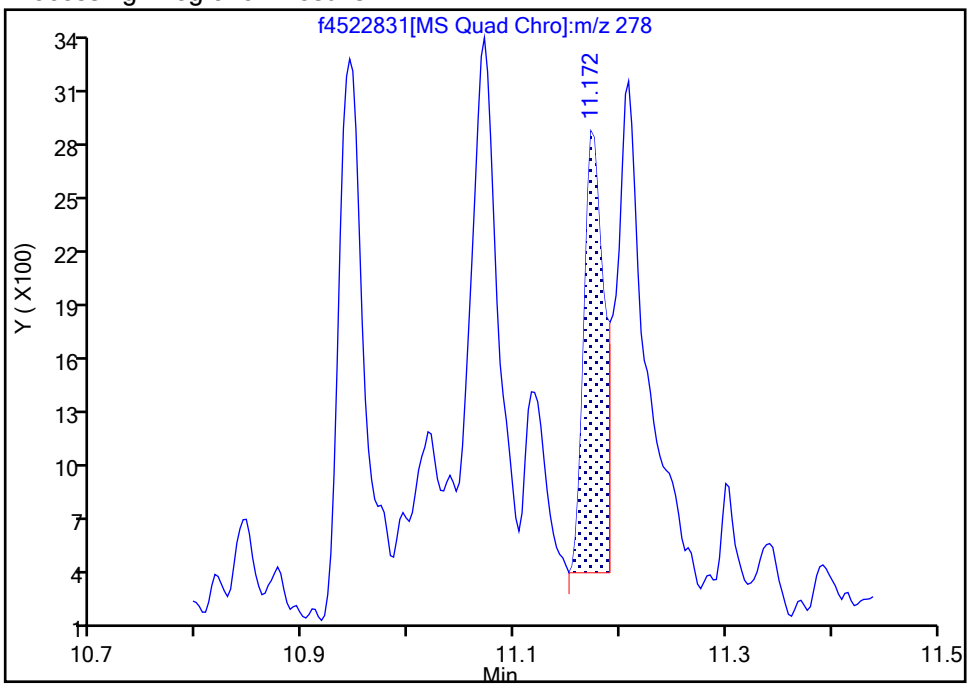
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

109 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

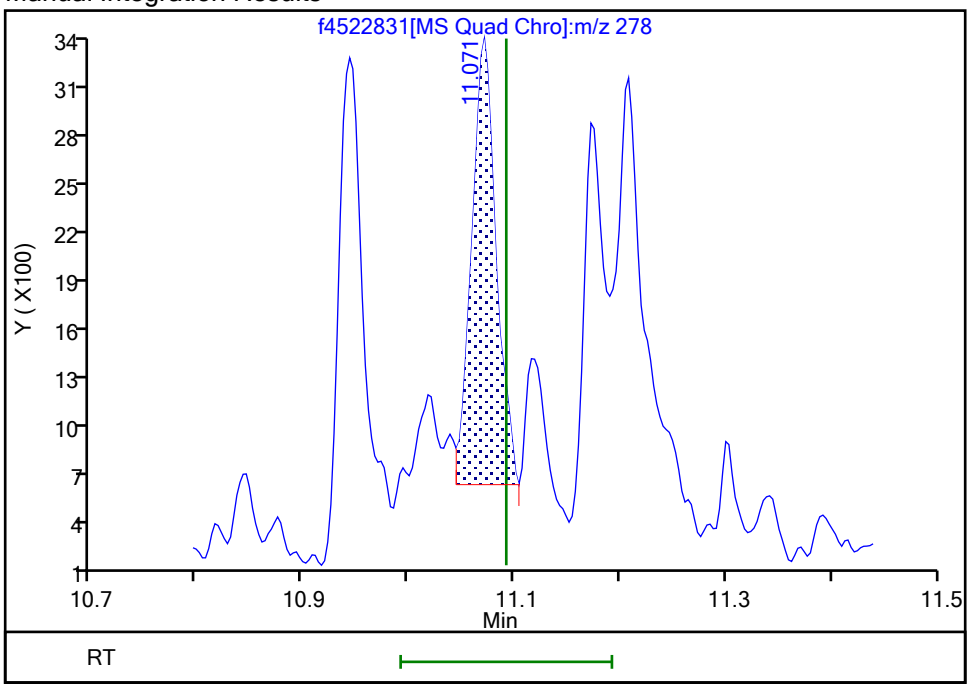
Processing Integration Results

RT: 11.17
Area: 3245
Amount: 0.377683
Amount Units: ug/ml



Manual Integration Results

RT: 11.07
Area: 4346
Amount: 0.505827
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-Apr-2021 15:48:32

Audit Action: Assigned Compound ID Audit Reason: Assign Peak

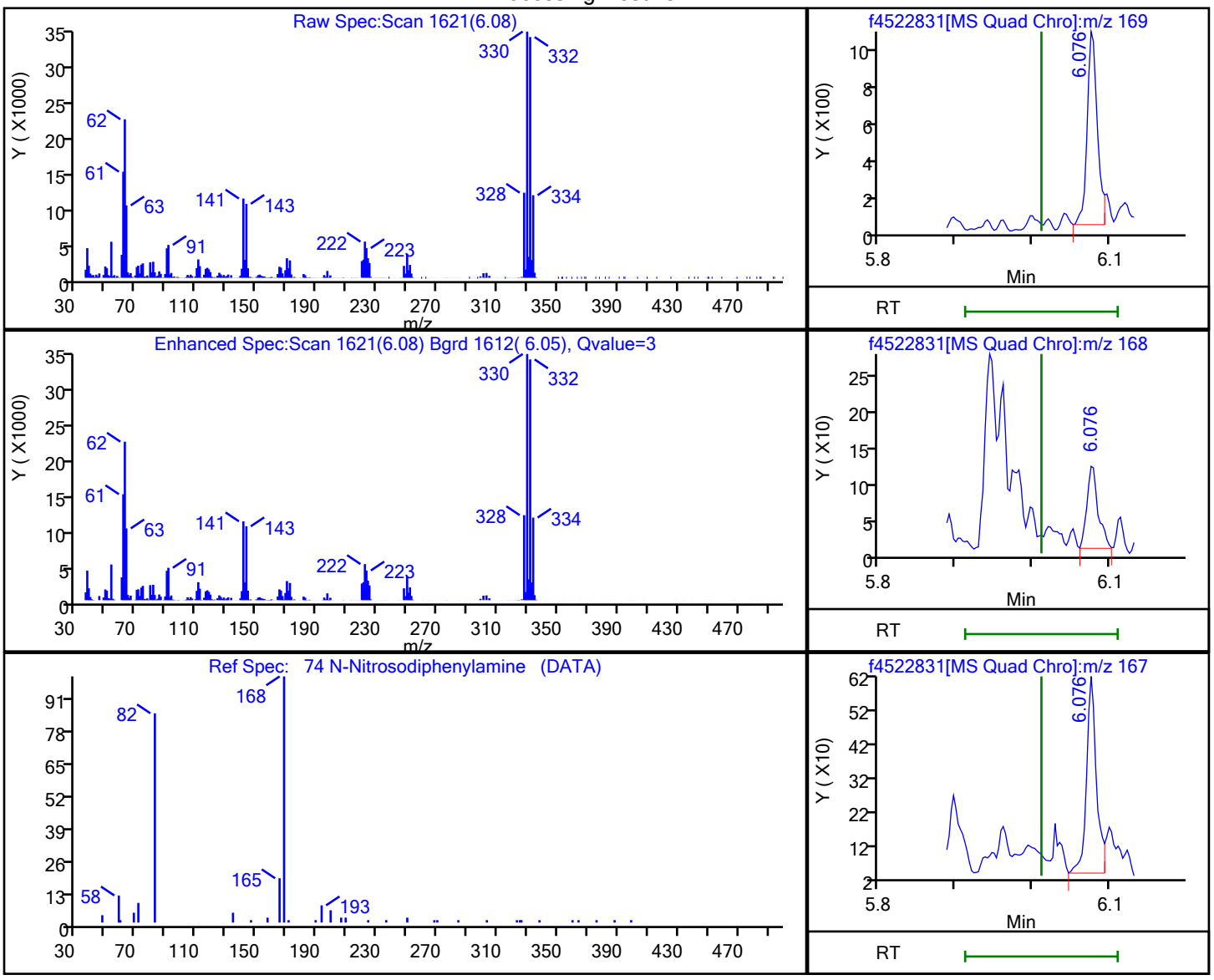
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522831.D				
Injection Date:	30-Apr-2021 03:40:31	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-7-B	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

74 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results



RT	Mass	Response	Amount
6.08	169.00	937	0.208570
6.08	168.00	116	
6.08	167.00	527	

Reviewer: khlungprakhons, 30-Apr-2021 15:47:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison | Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-06_6-8_20210427 | Lab Sample ID: 460-233032-8

Matrix: Solid | Lab File ID: f4522820.D

Analysis Method: 8270E | Date Collected: 04/27/2021 13:15

Extract. Method: 3546 | Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) | Date Analyzed: 04/30/2021 00:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.037	U	0.037	0.0096
95-50-1	1,2-Dichlorobenzene	0.37	U	0.37	0.0063
541-73-1	1,3-Dichlorobenzene	0.37	U	0.37	0.0049
106-46-7	1,4-Dichlorobenzene	0.37	U	0.37	0.014
108-60-1	2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0067
121-14-2	2,4-Dinitrotoluene	0.075	U	0.075	0.040
606-20-2	2,6-Dinitrotoluene	0.075	U	0.075	0.027
91-58-7	2-Chloronaphthalene	0.37	U	0.37	0.017
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.010
88-74-4	2-Nitroaniline	0.37	U	0.37	0.014
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.056
99-09-2	3-Nitroaniline	0.37	U	0.37	0.042
101-55-3	4-Bromophenyl phenyl ether	0.37	U	0.37	0.015
106-47-8	4-Chloroaniline	0.37	U	0.37	0.066
7005-72-3	4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013
100-01-6	4-Nitroaniline	0.37	U	0.37	0.043
83-32-9	Acenaphthene	0.37	U	0.37	0.011
208-96-8	Acenaphthylene	0.37	U	0.37	0.0037
120-12-7	Anthracene	0.37	U	0.37	0.011
56-55-3	Benzo[a]anthracene	0.037	U	0.037	0.013
50-32-8	Benzo[a]pyrene	0.037	U	0.037	0.0099
205-99-2	Benzo[b]fluoranthene	0.037	U	0.037	0.0096
191-24-2	Benzo[g,h,i]perylene	0.37	U	0.37	0.011
207-08-9	Benzo[k]fluoranthene	0.037	U	0.037	0.0073
111-91-1	Bis(2-chloroethoxy)methane	0.37	U	0.37	0.029
111-44-4	Bis(2-chloroethyl)ether	0.037	U	0.037	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020
85-68-7	Butyl benzyl phthalate	0.37	U	0.37	0.017
86-74-8	Carbazole	0.37	U	0.37	0.014
218-01-9	Chrysene	0.37	U	0.37	0.0063
53-70-3	Dibenz(a,h)anthracene	0.037	U	0.037	0.016
132-64-9	Dibenzofuran	0.37	U	0.37	0.0052
84-66-2	Diethyl phthalate	0.37	U	0.37	0.0054
131-11-3	Dimethyl phthalate	0.37	U	0.37	0.084

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-06_6-8_20210427 Lab Sample ID: 460-233032-8

Matrix: Solid Lab File ID: f4522820.D

Analysis Method: 8270E Date Collected: 04/27/2021 13:15

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 00:30

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.37	U	0.37	0.014
117-84-0	Di-n-octyl phthalate	0.37	U	0.37	0.020
206-44-0	Fluoranthene	0.37	U	0.37	0.013
86-73-7	Fluorene	0.37	U	0.37	0.0050
118-74-1	Hexachlorobenzene	0.037	U	0.037	0.018
87-68-3	Hexachlorobutadiene	0.075	U	0.075	0.0079
77-47-4	Hexachlorocyclopentadiene	0.37	U	0.37	0.033
67-72-1	Hexachloroethane	0.037	U	0.037	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.015
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.37	U	0.37	0.0064
98-95-3	Nitrobenzene	0.037	U	0.037	0.0089
621-64-7	N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027
86-30-6	N-Nitrosodiphenylamine	0.37	U	0.37	0.031
85-01-8	Phenanthrene	0.37	U	0.37	0.0065
129-00-0	Pyrene	0.37	U	0.37	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	59		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	58		11-104
1718-51-0	Terphenyl-d14 (Surr)	72		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522820.D
Lims ID: 460-233032-E-8-B
Client ID: SB-06_6-8_20210427
Sample Type: Client
Inject. Date: 30-Apr-2021 00:30:46 ALS Bottle#: 0 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127851-012
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 09:39:06 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: khlungprakhons Date: 30-Apr-2021 15:34:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	3.161	3.173	-0.012	98	83374	40.0	
$ 26 Nitrobenzene-d5	82	3.580	3.591	-0.016	94	123685	29.2	
* 36 Naphthalene-d8	136	4.134	4.145	-0.011	99	321579	40.0	
$ 50 2-Fluorobiphenyl	172	4.978	4.982	-0.010	96	191946	29.6	
* 61 Acenaphthene-d10	164	5.480	5.491	-0.011	97	171369	40.0	
* 83 Phenanthrene-d10	188	6.597	6.606	-0.009	99	326542	40.0	
$ 93 Terphenyl-d14	244	7.806	7.811	-0.010	98	287676	36.1	
* 98 Chrysene-d12	240	8.610	8.623	-0.013	98	313437	40.0	
* 107 Perylene-d12	264	9.956	9.973	-0.017	98	336225	40.0	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

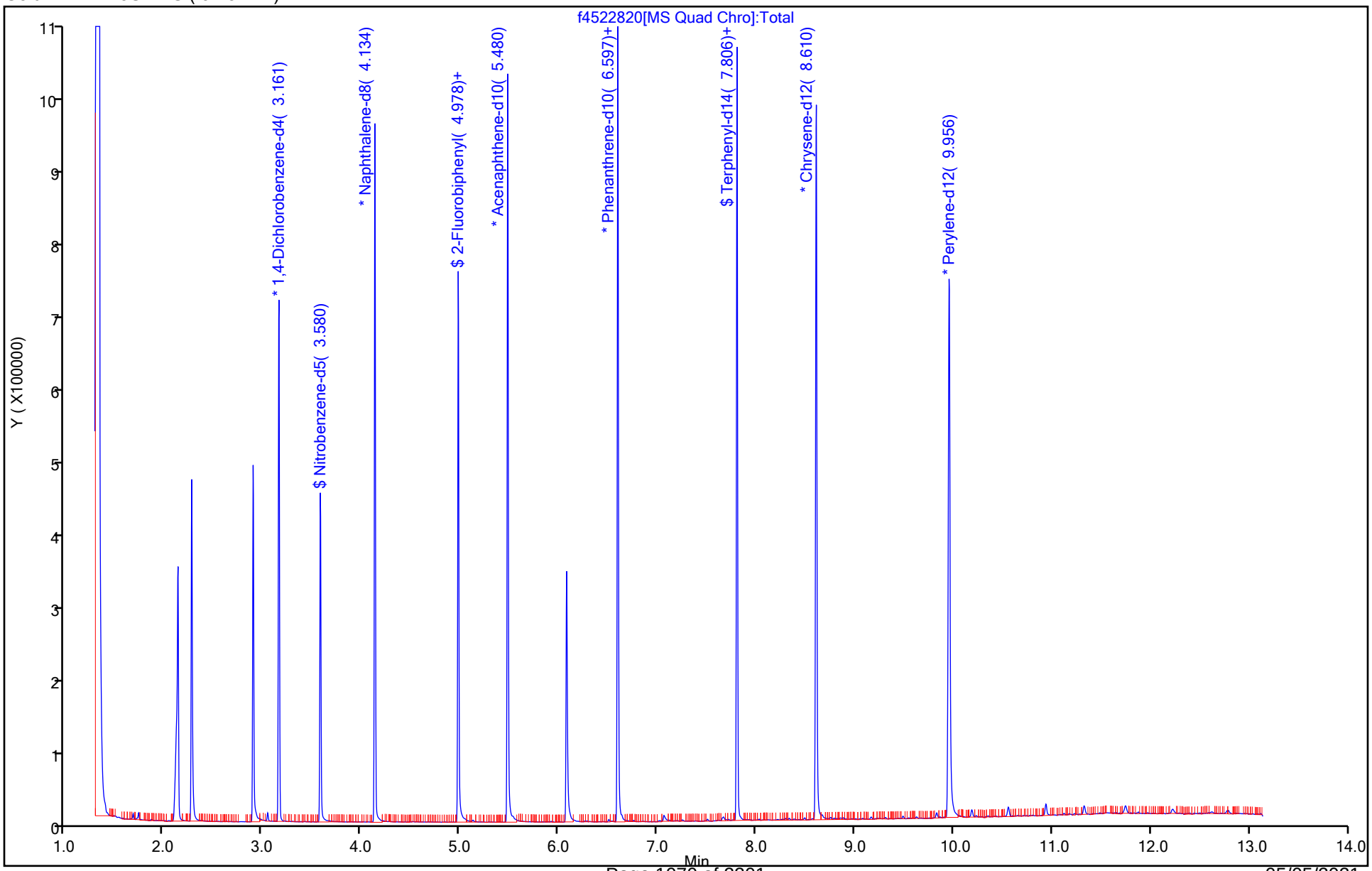
Report Date: 30-Apr-2021 09:39:06 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522820.D

Injection Date:	30-Apr-2021 00:30:46	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	460-233032-E-8-B	Lab Sample ID:	460-233032-8	Worklist Smp#:	12
Client ID:	SB-06_6-8_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



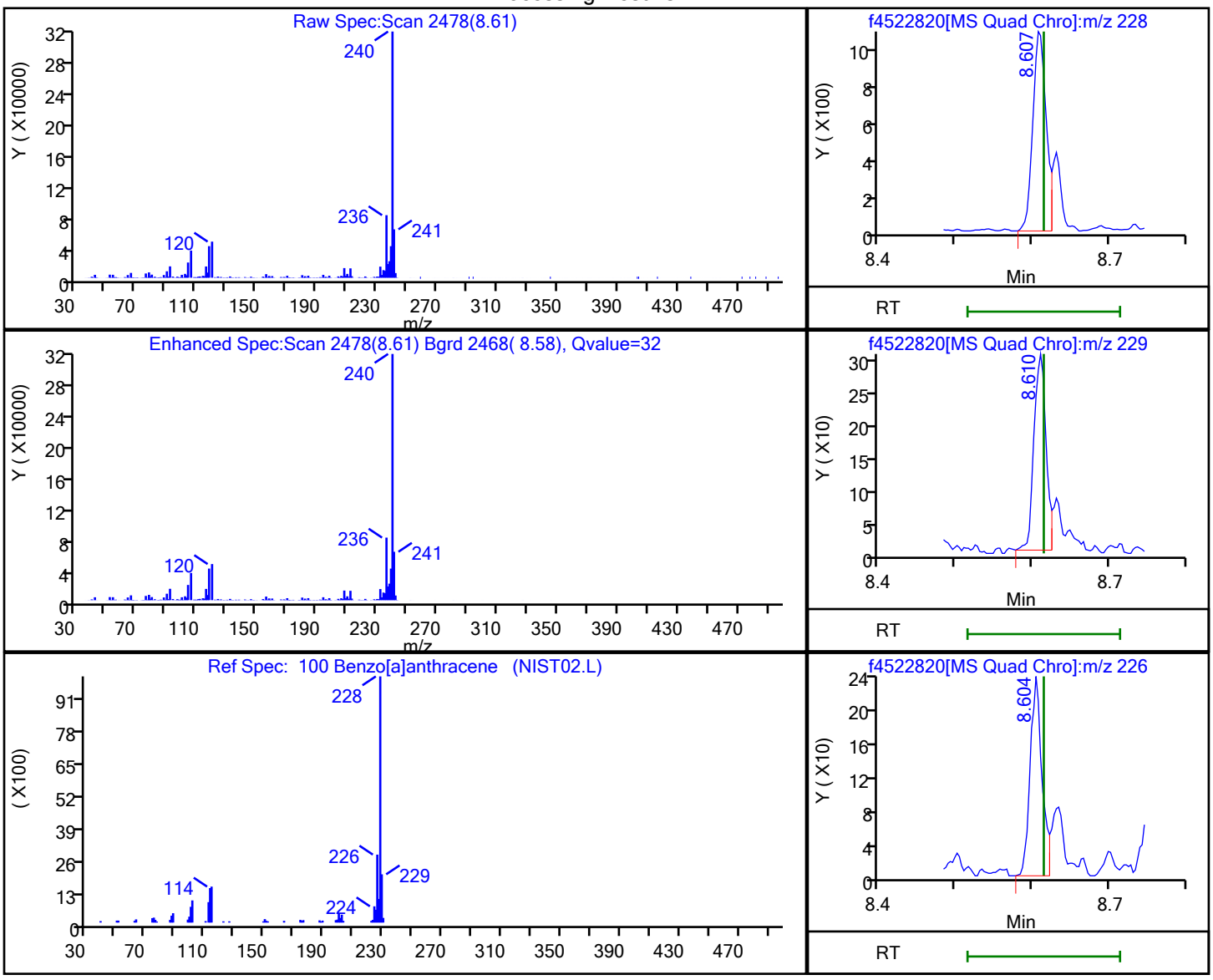
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522820.D				
Injection Date:	30-Apr-2021 00:30:46	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-8-B	Lab Sample ID:	460-233032-8		
Client ID:	SB-06_6-8_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
8.61	228.00	1317	0.126801
8.61	229.00	335	
8.60	226.00	258	

Reviewer: khlungprakhons, 30-Apr-2021 15:34:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

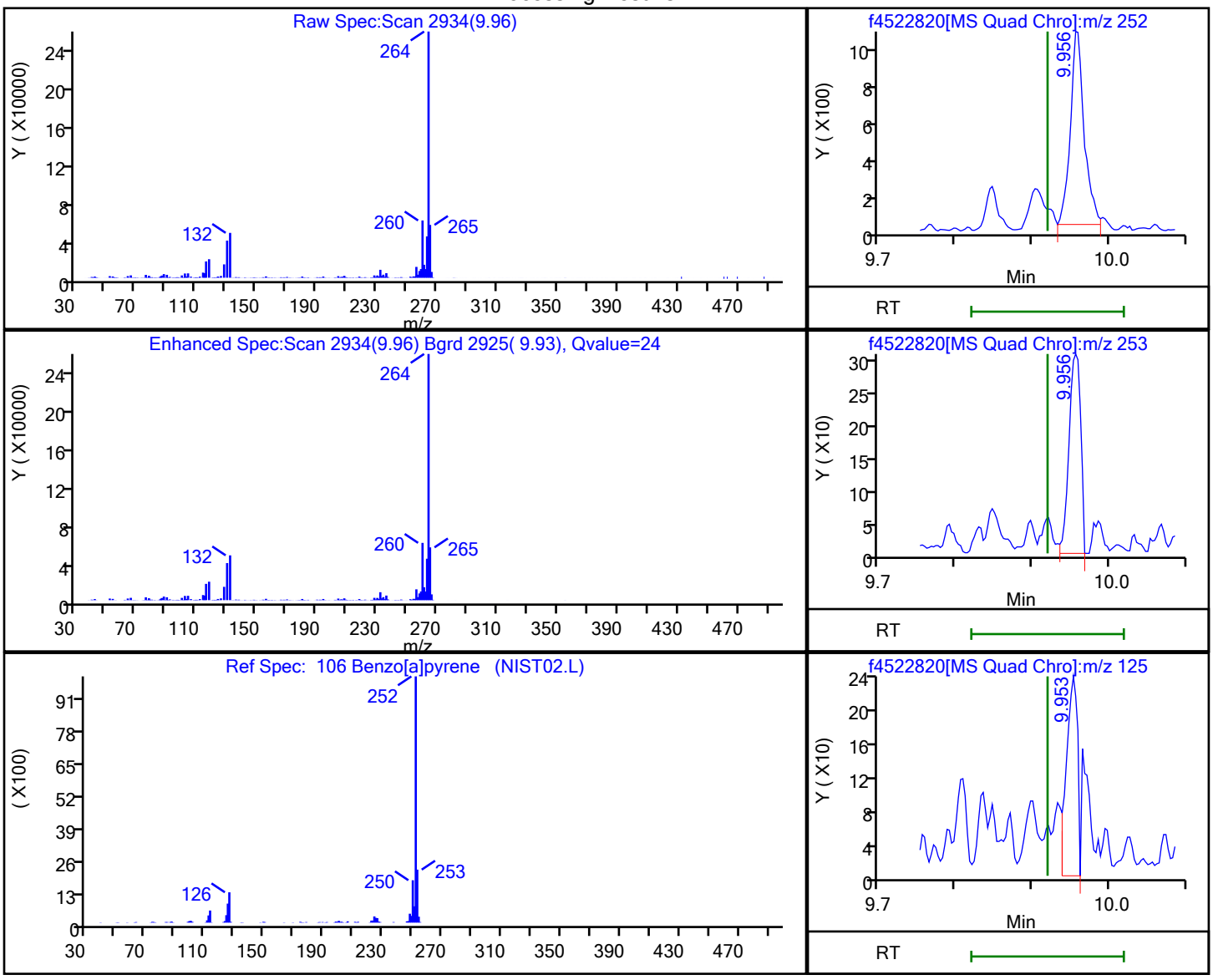
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522820.D				
Injection Date:	30-Apr-2021 00:30:46	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-8-B	Lab Sample ID:	460-233032-8		
Client ID:	SB-06_6-8_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
9.96	252.00	1279	0.154303
9.96	253.00	329	
9.95	125.00	231	

Reviewer: khlungprakhons, 30-Apr-2021 15:34:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

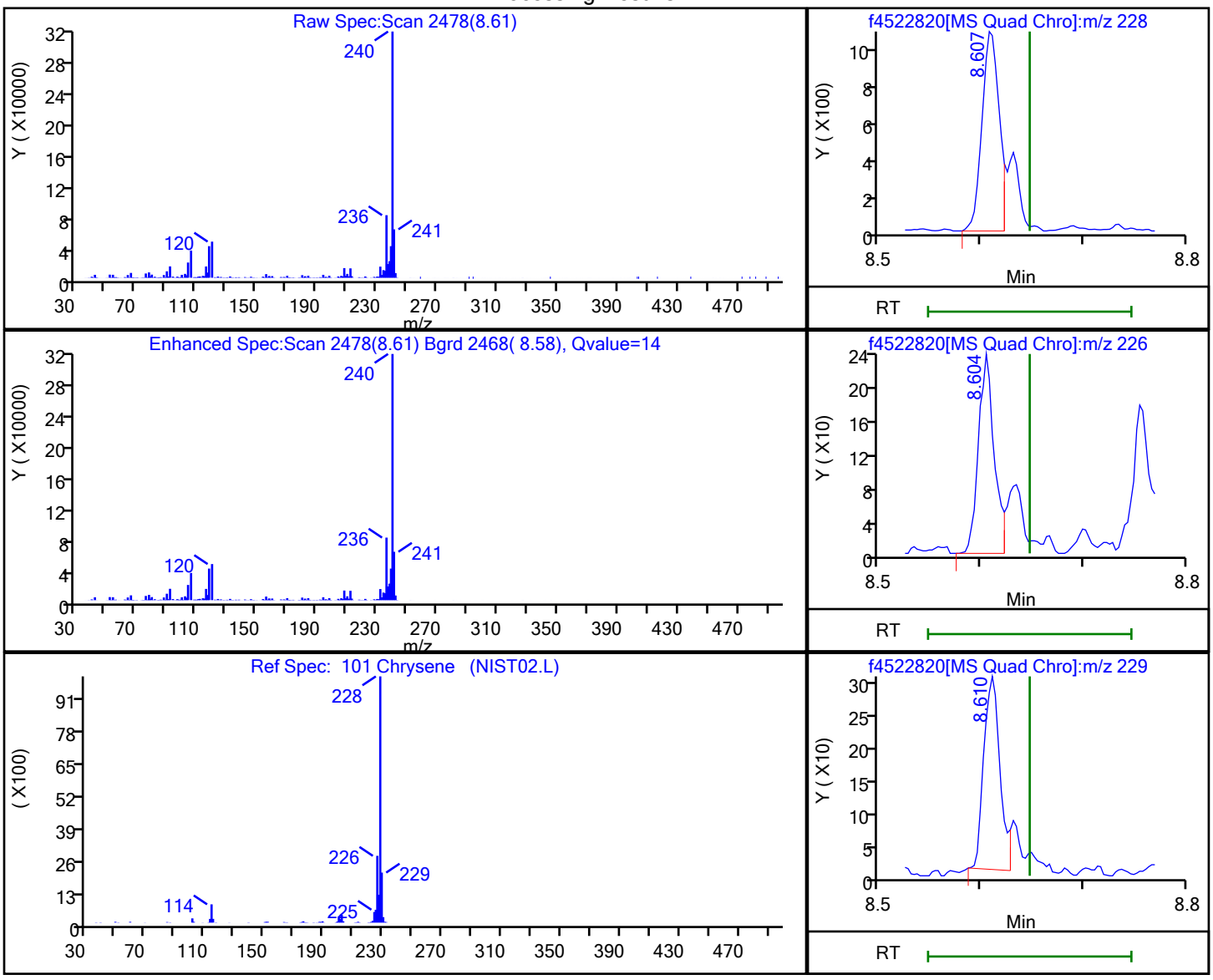
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522820.D				
Injection Date:	30-Apr-2021 00:30:46	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-8-B	Lab Sample ID:	460-233032-8		
Client ID:	SB-06_6-8_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
8.61	228.00	1261	0.121710
8.60	226.00	257	
8.61	229.00	333	

Reviewer: khlungprakhons, 30-Apr-2021 15:34:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

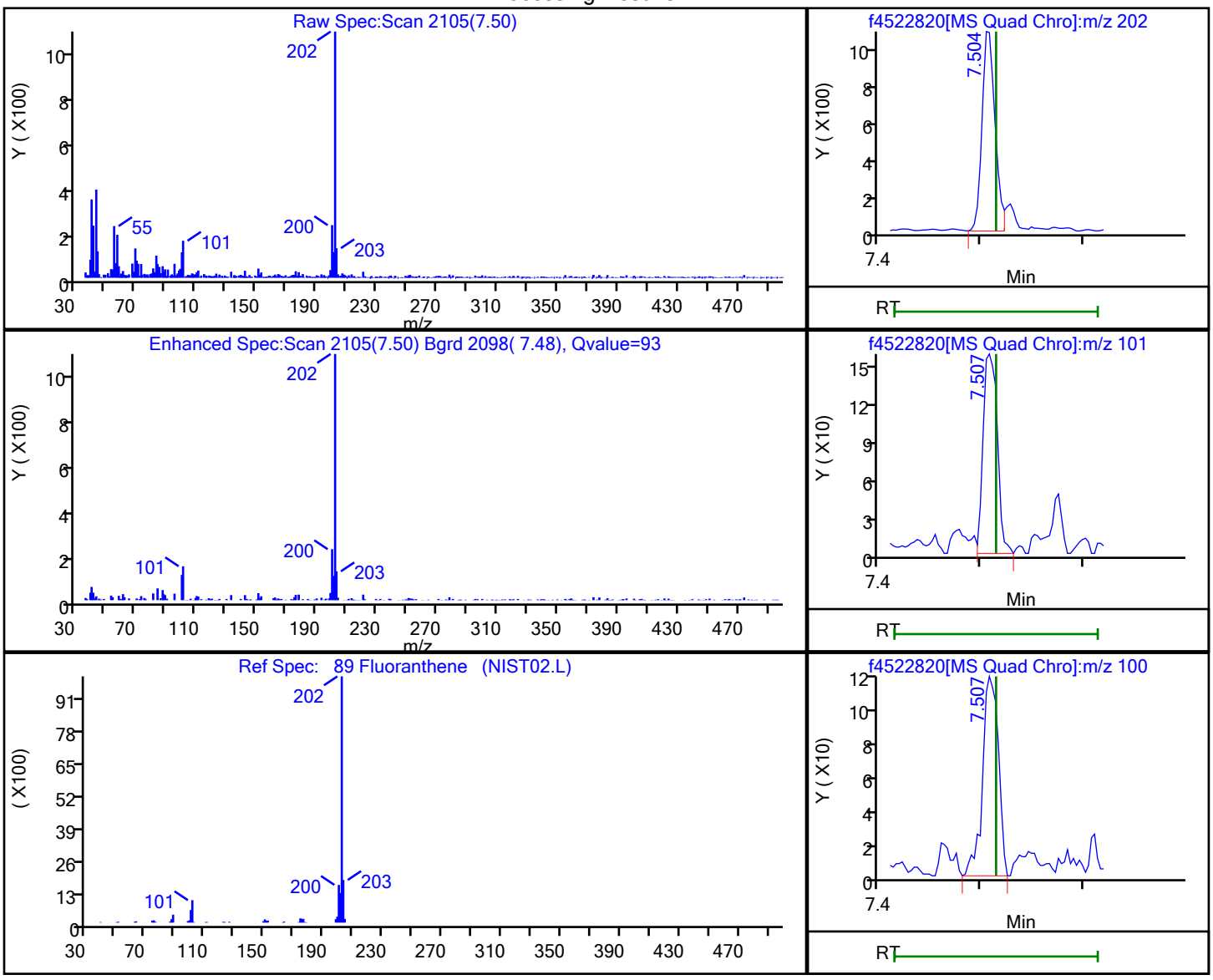
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522820.D				
Injection Date:	30-Apr-2021 00:30:46	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-8-B	Lab Sample ID:	460-233032-8		
Client ID:	SB-06_6-8_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Fluoranthene, CAS: 206-44-0

Processing Results



RT	Mass	Response	Amount
7.50	202.00	920	0.088662
7.51	101.00	154	
7.51	100.00	125	

Reviewer: johnstonm1, 30-Apr-2021 09:39:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

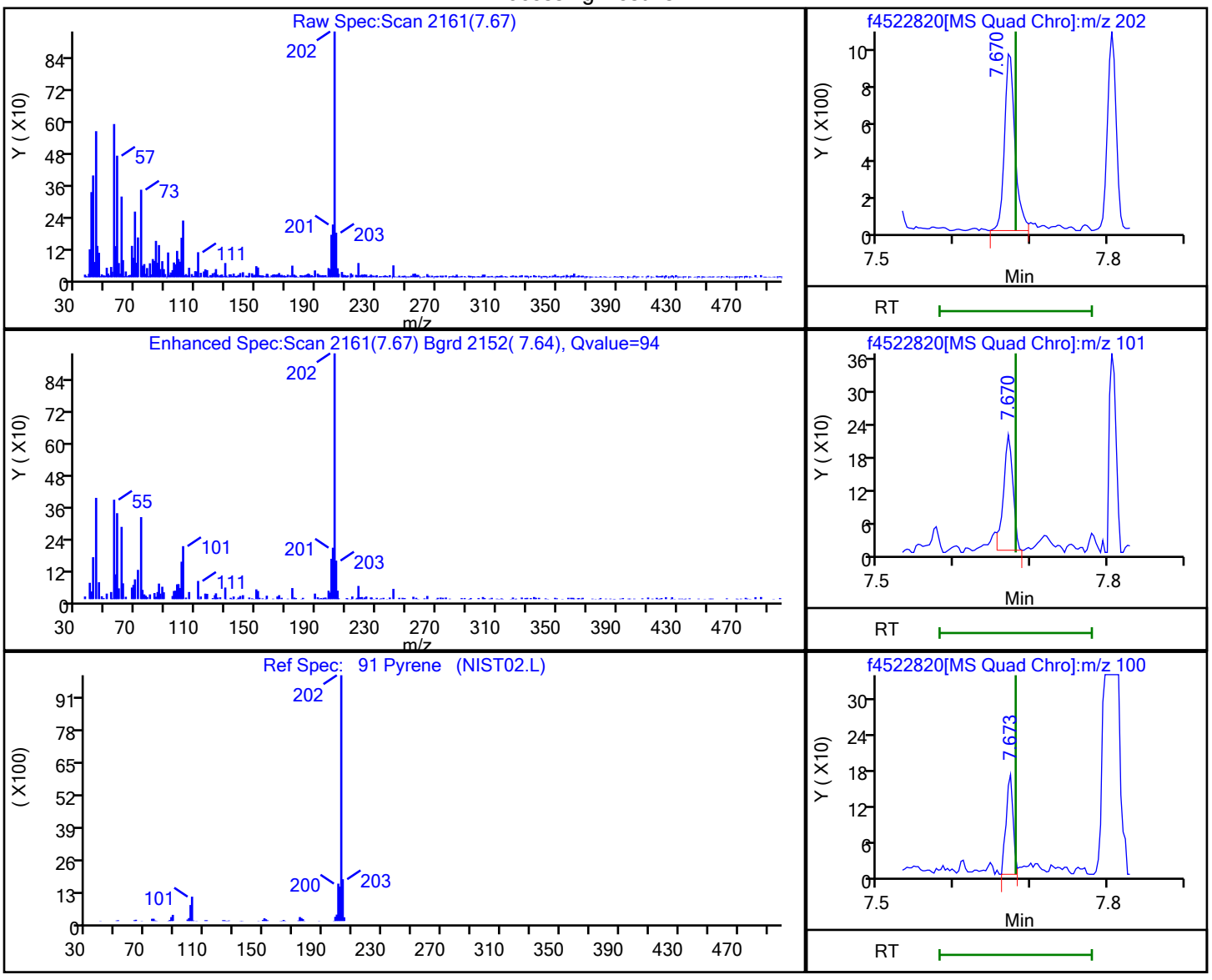
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522820.D				
Injection Date:	30-Apr-2021 00:30:46	Instrument ID:	CBNAMS15		
Lims ID:	460-233032-E-8-B	Lab Sample ID:	460-233032-8		
Client ID:	SB-06_6-8_20210427				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Pyrene, CAS: 129-00-0

Processing Results



RT	Mass	Response	Amount
7.67	202.00	896	0.081677
7.67	101.00	182	
7.67	100.00	108	

Reviewer: johnstonm1, 30-Apr-2021 09:39:01

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-769079/10	f4522083.D
Level 2	STD1 460-769079/9	f4522082.D
Level 3	STD2 460-769079/8	f4522081.D
Level 4	STD5 460-769079/7	f4522080.D
Level 5	STD10 460-769079/6	f4522079.D
Level 6	STD20 460-769079/5	f4522078.D
Level 7	ICIS 460-769079/2	f4522075.D
Level 8	STD80 460-769079/4	f4522077.D
Level 9	STD120 460-769079/3	f4522076.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.7935 0.7128	0.5926 0.7094	0.7011 0.6823	0.7877 0.6754	0.7729	Ave		0.7142			0.0100	8.9		20.0			
N-Nitrosodimethylamine	1.0085	1.0384	1.0142	1.0250 1.0072	1.0445	Ave		1.0229			0.0100	1.5		20.0			
Pyridine	1.8283	1.6655	1.7995	1.8423 1.7661	1.9256	Ave		1.8046			0.0100	4.8		20.0			
Benzaldehyde	1.2117	1.4587 +++++	1.5283 +++++	1.5419 +++++	1.4215	Ave		1.4324			0.0100	9.3		20.0			
Phenol	2.0816	2.1659	2.2485	2.1137 2.2180	2.1472	Ave		2.1625			0.8000	2.9		20.0			
Aniline	2.5386	2.6625	2.5657	2.6607 2.5209	2.6980	Ave		2.6077			0.0100	2.9		20.0			
Bis(2-chloroethyl)ether	1.4454 1.6634	1.5044 1.7396	1.5961 1.6454	1.7401 1.6367	1.7816	Ave		1.6392			0.7000	6.8		20.0			
2-Chlorophenol	1.4397	1.4735	1.4224	1.4386 1.3788	1.5051	Ave		1.4430			0.8000	3.0		20.0			
n-Decane	2.4007	2.4042	2.3040	2.4453 2.2462	2.5044	Ave		2.3841			0.0100	3.9		20.0			
1,3-Dichlorobenzene	1.5632	1.5814	1.5420	1.6127 1.4925	1.6906	Ave		1.5804			0.0100	4.3		20.0			
1,4-Dichlorobenzene	1.5814	1.6065	1.5585	1.6644 1.5038	1.6659	Ave		1.5968			0.0100	3.9		20.0			
Benzyl alcohol	0.9887	1.0406	1.0288	0.9600 1.0163	1.0037	Ave		1.0064			0.0100	2.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4856	1.5235	1.4698	1.5405 1.4300	1.5772	Ave		1.5044			0.0100	3.5		20.0			
2-Methylphenol	1.4233	1.4613	1.4257	1.5006 1.4070	1.4410	Ave		1.4432			0.7000	2.3		20.0			
2,2'-oxybis[1-chloropropane]	3.0244	3.1596	3.0182	3.1364 2.9376	3.1173	Ave		3.0656			0.0100	2.8		20.0			
N-Methylaniline	2.5860	2.6450	2.6067	2.5283 2.5980	2.6057	Ave		2.5949			0.0100	1.5		20.0			
Acetophenone	2.3763	2.4216	2.3654	2.5184 2.3065	2.4784	Ave		2.4111			0.0100	3.2		20.0			
N-Nitrosodi-n-propylamine	1.0665 1.2553	1.1159 1.2896	1.1873 1.2420	1.2752 1.2298	1.2793	Ave		1.2157			0.5000	6.4		20.0			
3 & 4 Methylphenol	1.6898	1.6923	1.6503	1.6637 1.6293	1.7047	Ave		1.6717			0.0100	1.7		20.0			
4-Methylphenol	1.6898	1.6923	1.6503	1.6637 1.6293	1.7047	Ave		1.6717			0.6000	1.7		20.0			
Hexachloroethane	0.6896 0.6884	0.7102 0.6973	0.7236 0.6794	0.7360 0.6641	0.7351	Ave		0.7026			0.3000	3.6		20.0			
Nitrobenzene	0.6005 0.7244	0.6462 0.7527	0.6874 0.7185	0.7249 0.6965	0.7757	Ave		0.7030			0.2000	7.6		20.0			
n,n'-Dimethylaniline	2.3487 2.2453	2.3096 2.2644	2.2085 2.2763	2.3561 2.2498	2.2388	Ave		2.2775			0.0100	2.2		20.0			
Isophorone	0.9096	0.9310	0.8505 0.8897	0.9083 0.8872	0.9348	Ave		0.9016			0.4000	3.2		20.0			
2-Nitrophenol	0.1908	0.1984	0.1924	0.1915 0.1884	0.1994	Ave		0.1935			0.1000	2.3		20.0			
2,4-Dimethylphenol	0.3344	0.3463	0.3295	0.3327 0.3260	0.3519	Ave		0.3368			0.2000	3.0		20.0			
Bis(2-chloroethoxy)methane	0.5514	0.5607	0.5367	0.5562 0.5315	0.5641	Ave		0.5501			0.3000	2.4		20.0			
Benzoic acid	0.2238	0.2202	0.2264	0.1037 0.2358	0.1653	Lin2	-0.683	0.2404			0.0100				0.9980		0.9900
2,4-Dichlorophenol	0.3062	0.3092	0.2752 0.2996	0.2929 0.2912	0.3041	Ave		0.2969			0.2000	3.9		20.0			
1,2,4-Trichlorobenzene	0.3229 0.3222	0.3136 0.3334	0.3301 0.3161	0.3424 0.3077	0.3420	Ave		0.3256			0.0100	3.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.0941	1.1103	1.0611	1.1332 1.0297	1.1398	Ave		1.0947			0.7000	3.9		20.0			
4-Chloroaniline	0.4578	0.4666	0.4451	0.4786 0.4345	0.4725	Ave		0.4592			0.0100	3.7		20.0			
2,6-Dichlorophenol						None											
Hexachlorobutadiene	0.1892	0.1795 0.1942	0.1826 0.1838	0.1900 0.1814	0.2026	Ave		0.1879			0.0100	4.1		20.0			
Caprolactam	0.1156	0.0539 0.1231	0.0715 0.1523	0.0984 0.1521	0.1115	Qua	-0.0544	0.0959	0.0018946		0.0100				0.9930		0.9900
4-Chloro-3-methylphenol	0.3707	0.3865	0.3737	0.3654 0.3720	0.3808	Ave		0.3749			0.2000	2.0		20.0			
2-Methylnaphthalene	0.7272	0.7495	0.7073	0.7429 0.6916	0.7493	Ave		0.7280			0.4000	3.3		20.0			
1-Methylnaphthalene	0.6764	0.7009	0.6605	0.7011 0.6485	0.7080	Ave		0.6826			0.0100	3.6		20.0			
Hexachlorocyclopentadiene	0.3751	0.4330	0.4199	0.3678 0.4274	0.3626	Ave		0.3977			0.0500	8.2		20.0			
1,2,4,5-Tetrachlorobenzene	0.6266	0.6364	0.6018	0.6390 0.5996	0.6315	Ave		0.6225			0.0100	2.8		20.0			
2-tertbutyl-4-methylphenol	0.4420	0.4618	0.4506	0.4676 0.4531	0.4459	Ave		0.4535			0.0100	2.1		20.0			
2,4,6-Trichlorophenol	0.4156	0.4318	0.3682 0.4148	0.4076 0.4111	0.4207	Ave		0.4100			0.2000	4.9		20.0			
2,4,5-Trichlorophenol	0.4571	0.4721	0.4486	0.4715 0.4497	0.4778	Ave		0.4628			0.2000	2.7		20.0			
1,1'-Biphenyl	1.6135	1.6894	1.5950	1.6868 1.5384	1.6916	Ave		1.6358			0.0100	3.9		20.0			
2-Chloronaphthalene	1.2467	1.2663	1.1946	1.3049 1.1664	1.2786	Ave		1.2429			0.8000	4.2		20.0			
Phenyl ether	0.8694	0.8868	0.8620	0.8466 0.8610	0.8517	Ave		0.8629			0.0100	1.6		20.0			
2-Nitroaniline	0.7079	0.7302	0.7003	0.6857 0.6957	0.7230	Ave		0.7071			0.0100	2.4		20.0			
1,3-Dimethylnaphthalene	0.9648	1.0420	0.9731	0.9814 0.9784	0.9736	Ave		0.9855			0.0100	2.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Coumarin	0.2638	0.2616	0.2588	0.2551 0.2625	0.2671	Ave		0.2615			0.0100	1.6		20.0			
Dimethyl phthalate	1.4966	1.5114	1.4336	1.5734 1.4334	1.5772	Ave		1.5043			0.0100	4.2		20.0			
2,6-Dinitrotoluene	0.3379	0.2656 0.3442	0.3045 0.3252	0.3190 0.3311	0.3412	Ave		0.3211			0.2000	8.1		20.0			
Acenaphthylene	2.0017	2.0104	1.9352	1.9758 1.8913	2.0479	Ave		1.9770			0.9000	2.8		20.0			
3-Nitroaniline	0.3714	0.3903	0.3699	0.3710 0.3697	0.3913	Ave		0.3773			0.0100	2.8		20.0			
Acenaphthene	1.1782	1.2251	1.1521	1.2183 1.1297	1.2536	Ave		1.1928			0.9000	4.0		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.1013	1.1107	1.1075	1.1135 1.1207	1.1136	Ave		1.1112			0.0100	0.6		20.0			
2,4-Dinitrophenol	0.1892	0.2019	0.0493 0.2122	0.1405 0.2162	0.1768	Lin2	-0.660	0.2114			0.0100				0.9990		0.9900
4-Nitrophenol	0.4055	0.4231	0.4137	0.3303 0.4193	0.3847	Ave		0.3961			0.0100	8.8		20.0			
Dibenzofuran	1.8090	1.8587	1.7235	1.8933 1.7043	1.8863	Ave		1.8125			0.8000	4.5		20.0			
2,4-Dinitrotoluene	0.4516	0.3267 0.4545	0.3927 0.4445	0.4336 0.4400	0.4783	Ave		0.4277			0.2000	11.1		20.0			
2,3,4,6-Tetrachlorophenol	0.3952	0.3933	0.3749	0.3849 0.3780	0.3886	Ave		0.3858			0.0100	2.1		20.0			
Diethyl phthalate	1.5964	1.5819	1.4900	1.5622 1.5003	1.6648	Ave		1.5659			0.0100	4.1		20.0			
Fluorene	1.4792	1.5173	1.4034	1.5464 1.3869	1.5498	Ave		1.4805			0.9000	4.8		20.0			
4-Chlorophenyl phenyl ether	0.6940	0.7011	0.6596	0.7130 0.6495	0.7116	Ave		0.6881			0.4000	3.9		20.0			
4-Nitroaniline	0.3646	0.3834	0.3592	0.3628 0.3579	0.3846	Ave		0.3687			0.0100	3.3		20.0			
4,6-Dinitro-2-methylphenol	0.1291	0.1333	0.0848 0.1383	0.1058 0.1369	0.1312	Lin2	-0.218	0.1367			0.0100				0.9980		0.9900
N-Nitrosodiphenylamine	0.5810	0.5736	0.5683	0.6020 0.5499	0.6178	Ave		0.5821			0.0100	4.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	1.1043	1.0860	1.0920	1.1307 1.0567	1.1704	Ave		1.1067			0.0100	3.6		20.0			
4-Bromophenyl phenyl ether	0.2369	0.2358	0.2337	0.2435 0.2289	0.2402	Ave		0.2365			0.1000	2.1		20.0			
Hexachlorobenzene	0.2929 0.2934	0.2938 0.2881	0.2901 0.2952	0.2988 0.2902	0.3080	Ave		0.2945			0.1000	2.0		20.0			
Atrazine	0.2308	0.1906 0.2453	0.2173 0.2215	0.2293 0.2140	0.2289	Ave		0.2222			0.0100	7.2		20.0			
Pentachlorophenol	0.1798	0.1846	0.1335 0.1876	0.1581 0.1888	0.1744	Ave		0.1724			0.0500	11.7		20.0			
Pentachloronitrobenzene	0.1147	0.1130	0.1154	0.1116 0.1178	0.1116	Ave		0.1140			0.0100	2.1		20.0			
n-Octadecane	0.8932	0.9171	0.9102	0.9066 0.8781	0.9380	Ave		0.9072			0.0100	2.3		20.0			
Phenanthrene	1.1608	1.1417	1.1359	1.2174 1.1146	1.2354	Ave		1.1676			0.7000	4.1		20.0			
Anthracene	1.2021	1.2016	1.1850	1.2559 1.1547	1.2522	Ave		1.2086			0.7000	3.2		20.0			
Carbazole	1.1057	1.0833	1.0767	1.1135 1.0559	1.1512	Ave		1.0977			0.0100	3.0		20.0			
Di-n-butyl phthalate	1.4460	1.4048	1.4104	1.4307 1.3732	1.5033	Ave		1.4281			0.0100	3.1		20.0			
Fluoranthene	1.2834	1.2574	1.2549	1.2898 1.2322	1.3087	Ave		1.2711			0.6000	2.2		20.0			
Benzidine	0.4954	0.6554	0.6188	0.5761 0.6304	0.5019	Ave		0.5797			0.0100	11.7		20.0			
Pyrene	1.4004	1.2889	1.3782	1.4494 1.3788	1.5040	Ave		1.4000			0.6000	5.2		20.0			
Bisphenol-A	0.6306	0.5706	0.6571	0.5747 0.6421	0.6358	Ave		0.6185				5.9		20.0			
Butyl benzyl phthalate	0.6662	0.6181	0.6618	0.6640 0.6696	0.6977	Ave		0.6629			0.0100	3.9		20.0			
2,3,7,8-TCDD		0.2271				Ave		0.2271			0.0100			20.0			
Carbamazepine	0.6172	0.5497	0.6296	0.5607 0.6519	0.6007	Ave		0.6016			0.0100	6.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.5087	0.4887	0.4652 0.5339	0.5122 0.5539	0.5429	Ave		0.5151			0.0100	6.1		20.0			
Benzo[a]anthracene	1.4247 1.3429	1.2903 1.2201	1.2988 1.3009	1.3439 1.3049	1.4029	Ave		1.3255			0.8000	4.7		20.0			
Chrysene	1.3192	1.2404	1.2988	1.3953 1.2604	1.4191	Ave		1.3222			0.7000	5.4		20.0			
Bis(2-ethylhexyl) phthalate	1.0086	0.9325	0.9853	0.9903 0.9814	1.0393	Ave		0.9896			0.0100	3.5		20.0			
Di-n-octyl phthalate	1.4583	1.5174	1.4557	1.3765 1.4191	1.4912	Ave		1.4531			0.0100	3.5		20.0			
Benzo[b]fluoranthene	0.8981 1.1079	0.9136 1.2128	1.0236 1.1593	1.0567 1.2311	1.1664	Ave		1.0855			0.7000	11.2		20.0			
Benzo[k]fluoranthene	0.9902 1.2928	1.1832 1.2517	1.2264 1.2326	1.2390 1.1173	1.3171	Ave		1.2056			0.7000	8.3		20.0			
Benzo[a]pyrene	0.8597 1.0306	0.8868 1.0721	0.9348 1.0293	0.9821 1.0054	1.0742	Ave		0.9861			0.7000	7.8		20.0			
Indeno[1,2,3-cd]pyrene	0.7554 1.0683	0.7128 1.1582	0.8628 1.1805	0.9229 1.2341	1.0522	Ave		0.9941			0.5000	19.0		20.0			
Dibenz(a,h)anthracene	0.9257 1.1437	0.8825 1.2161	0.9424 1.1822	0.9775 1.1492	1.1281	Ave		1.0608			0.4000	12.0		20.0			
Benzo[g,h,i]perylene	1.1534	1.2074	1.1905	1.1065 1.1813	1.2014	Ave		1.1734			0.5000	3.2		20.0			
2-Fluorophenol (Surr)	1.4223	1.3584 1.5918	1.5611 1.5055	1.4825 1.5043	1.5091	Ave		1.4919			0.0100	4.9		20.0			
Phenol-d5 (Surr)	1.9416	1.9699 2.1939	1.9270 2.0748	2.0254 2.0739	1.9955	Ave		2.0253			0.0100	4.3		20.0			
Nitrobenzene-d5 (Surr)	0.5673 0.5033	0.5103 0.5719	0.5102 0.5235	0.5156 0.5279	0.5198	Ave		0.5278			0.0100	4.7		20.0			
2-Fluorobiphenyl	1.5056 1.4136	1.5746 1.6472	1.5203 1.4818	1.5165 1.4938	1.4869	Ave		1.5156			0.0100	4.3		20.0			
2,4,6-Tribromophenol (Surr)	0.3238	0.2656 0.3756	0.3287 0.3414	0.3248 0.3552	0.3267	Ave		0.3302			0.0100	9.6		20.0			
Terphenyl-d14 (Surr)	1.0292 0.9863	0.9904 1.0229	1.0355 1.0258	1.0280 1.0278	1.0127	Ave		1.0176			0.0100	1.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-769079/10	f4522083.D
Level 2	STD1 460-769079/9	f4522082.D
Level 3	STD2 460-769079/8	f4522081.D
Level 4	STD5 460-769079/7	f4522080.D
Level 5	STD10 460-769079/6	f4522079.D
Level 6	STD20 460-769079/5	f4522078.D
Level 7	ICIS 460-769079/2	f4522075.D
Level 8	STD80 460-769079/4	f4522077.D
Level 9	STD120 460-769079/3	f4522076.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	802 28042	1129 67980	2864 107275	7534 165965	15278	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCBd 4	Ave	 39677	 99502	 159461	9803 247515	20645	 20.0	 50.0	 80.0	5.00 120	10.0
Pyridine	DCBd 4	Ave	 143863	 319198	 565878	35240 868000	76123	 40.0	 100	 160	10.0 240	20.0
Benzaldehyde	DCBd 4	Ave	 38137	2779 +++++	6243 +++++	14747 +++++	28098	 16.0	1.00 +++++	2.00 +++++	5.00 +++++	10.0
Phenol	DCBd 4	Ave	 81897	 207545	 353541	20215 545069	42442	 20.0	 50.0	 80.0	5.00 120	10.0
Aniline	DCBd 4	Ave	 99875	 255135	 403424	25447 619488	53330	 20.0	 50.0	 80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCBd 4	Ave	1461 65442	2866 166697	6520 258721	16642 402199	35215	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCBd 4	Ave	 56643	 141201	 223656	13759 338827	29750	 20.0	 50.0	 80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Decane	DCBd 4	Ave	94450	230378	362269	23387 551998	49503	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	61500	151537	242453	15424 366763	33417	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	62215	153944	245056	15918 369559	32929	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCBd 4	Ave	38898	99717	161768	9181 249756	19839	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	58449	145987	231100	14733 351424	31176	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCBd 4	Ave	55997	140030	224179	14352 345752	28483	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	118987	302769	474577	29997 721900	61618	20.0	50.0	80.0	5.00 120	10.0
N-Methylaniline	DCBd 4	Ave	101738	253453	409870	24181 638441	51505	20.0	50.0	80.0	5.00 120	10.0
Acetophenone	DCBd 4	Ave	93489	232046	371919	24086 566806	48988	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd 4	Ave	1078 49388	2126 123571	4850 195292	12196 302228	25286	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd 4	Ave	66481	162160	259480	15912 400385	33695	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd 4	Ave	66481	162160	259480	15912 400385	33695	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Hexachloroethane	DCBd 4	Ave	697 27084	1353 66817	2956 106832	7039 163202	14531	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd 4	Ave	607 28500	1231 72131	2808 112970	6933 171151	15333	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd 4	Ave	2374 88336	4400 216986	9022 357913	22534 552882	44252	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	136722	342793	13339 548166	33852 846055	70762	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	28680	73060	118554	7138 179680	15091	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	50268	127508	202977	12399 310882	26635	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	82879	206457	330633	20728 506801	42703	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	33643	81076	139510	3866 224898	12510	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	46027	113860	4316 184566	10918 277685	23018	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	1276 48426	2306 122745	5178 194755	12763 293445	25887	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	164455	408808	653738	42235 981921	86283	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	68815	171805	274197	17836 414345	35766	20.0	50.0	80.0	5.00 120	10.0
2,6-Dichlorophenol		None	44677	112786	4514 179487	11044 273907	23171	20.0	50.0	2.00 80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	28442	1320 71510	2864 113240	7083 172936	15337	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Qua	13906	396 18124	1122 28144	3669 38671	8439	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
4-Chloro-3-methylphenol	NPT	Ave	55728	142301	230248	13620 354755	28828	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave				27688	56720				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			109307	275952	435779	659470		20.0	50.0	80.0	120	
1-Methylnaphthalene	NPT	Ave	101674	258059	406961	26131 618418	53593	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	29628	84123	137031	7229 213422	14468	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	49487	123634	196396	12559 299377	25196	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	66433	170013	277607	17426 432081	33754	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	32823	83874	2999 135360	8011 205257	16784	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	36106	91703	146395	9267 224548	19064	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	127438	328185	520519	33150 768113	67491	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	98469	246003	389872	25646 582385	51014	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	68665	172280	281300	16638 429877	33983	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	55914	141855	228546	13476 347345	28845	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	76201	202415	317582	19287 488506	38843	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	39653	96330	159426	9509 250346	20219	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	118206	293610	467869	30923 715718	62926	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	26685	1029 66860	2480 106127	6269 165302	13612	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	158100	390539	631548	38831 944302	81709	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	29334	75824	120706	7291 184602	15614	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	93055	238002	375998	23943 564040	50015	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave				21883	44429				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			86981	215769	361435	559582		20.0	50.0	80.0	120	
2,4-Dinitrophenol	ANT	Lin2			803	5521	14104			4.00	10.0	20.0
			29882	78455	138531	215909		40.0	100	160	240	
4-Nitrophenol	ANT	Ave				12982	30696				10.0	20.0
			64056	164395	270045	418729		40.0	100	160	240	
Dibenzofuran	ANT	Ave				37209	75258				5.00	10.0
			142883	361082	562450	850950		20.0	50.0	80.0	120	
2,4-Dinitrotoluene	ANT	Ave		1266	3199	8522	19082		1.00	2.00	5.00	10.0
			35667	88290	145075	219680		20.0	50.0	80.0	120	
2,3,4,6-Tetrachlorophenol	ANT	Ave				7564	15506				5.00	10.0
			31216	76399	122356	188730		20.0	50.0	80.0	120	
Diethyl phthalate	ANT	Ave				30703	66421				5.00	10.0
			126089	307310	486263	749109		20.0	50.0	80.0	120	
Fluorene	ANT	Ave				30391	61834				5.00	10.0
			116832	294752	458005	692489		20.0	50.0	80.0	120	
4-Chlorophenyl phenyl ether	ANT	Ave				14012	28393				5.00	10.0
			54816	136189	215251	324275		20.0	50.0	80.0	120	
4-Nitroaniline	ANT	Ave				7130	15343				5.00	10.0
			28795	74488	117221	178696		20.0	50.0	80.0	120	
4,6-Dinitro-2-methylphenol	PHN	Lin2			2545	7654	19389			4.00	10.0	20.0
			37981	99310	164408	253511		40.0	100	160	240	
N-Nitrosodiphenylamine	PHN	Ave				21767	45652				5.00	10.0
			85459	213692	337734	509198		20.0	50.0	80.0	120	
1,2-Diphenylhydrazine	PHN	Ave				40882	86486				5.00	10.0
			162447	404573	648934	978447		20.0	50.0	80.0	120	
4-Bromophenyl phenyl ether	PHN	Ave				8804	17748				5.00	10.0
			34841	87862	138857	211930		20.0	50.0	80.0	120	
Hexachlorobenzene	PHN	Ave	1101	2100	4354	10805	22755	0.500	1.00	2.00	5.00	10.0
			43161	107317	175403	268704		20.0	50.0	80.0	120	
Atrazine	PHN	Ave		1362	3262	8289	16915		1.00	2.00	5.00	10.0
			27157	36552	39480	52848		16.0	20.0	24.0	32.0	
Pentachlorophenol	PHN	Ave			4007	11430	25772			4.00	10.0	20.0
			52906	137567	222968	349677		40.0	100	160	240	
Pentachloronitrobenzene	PHN	Ave				4036	8247				5.00	10.0
			16875	42085	68566	109100		20.0	50.0	80.0	120	
n-Octadecane	PHN	Ave				32777	69309				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			131393	341646	540889	813063		20.0	50.0	80.0	120	
Phenanthrene	PHN	Ave	170752	425321	675025	44015 1032008	91283	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	176835	447630	704188	45409 1069158	92524	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	162653	403583	639821	40260 977710	85061	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	212711	523359	838109	51728 1271488	111080	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	188785	468424	745728	46635 1140950	96702	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	72876	244176	367704	20831 583734	37086	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	191436	481810	764163	48542 1166118	102312	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	86200	213298	364311	19248 543005	43248	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	91062	231066	366948	22240 566321	47463	20.0	50.0	80.0	5.00 120	10.0
2,3,7,8-TCDD	CRY	Ave		849					0.500			
Carbamazepine	CRY	Ave	84375	205488	349105	18778 551292	40864	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	69534	182683	6409 295992	17156 468411	36928	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	4892 183571	8343 456083	17893 721271	45011 1103575	95431	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Chrysene	CRY	Ave	180335	463673	720090	46731 1065954	96537	20.0	50.0	80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	137875	348590	546279	33166 829972	70696	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	233298	594048	940035	54770 1447716	118449	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	3580 177240	6897 474787	16622 748589	42045 1255860	92649	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	3947	8932	19915	49300	104613	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			206820	490030	795924	1139820		20.0	50.0	80.0	120	
Benzo[a]pyrene	PRY	Ave	3427 164876	6695 419721	15179 664674	39076 1025628	85321	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	3011 170899	5381 453426	14011 762333	36721 1258955	83577	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	3690 182973	6662 476064	15303 763427	38896 1172331	89602	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	184519	472673	768751	44026 1205064	95423	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCBd 4	Ave	55958	2588 152534	6377 236723	14179 369668	29829	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5 (Surr)	DCBd 4	Ave	76387	3753 210229	7872 326236	19371 509655	39443	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	2242 75652	3752 210550	8002 322508	19217 503427	39352	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	3073 111652	6101 319986	12383 483579	29804 745839	59323	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol (Surr)	ANT	Ave	25578	1029 72970	2677 111431	6384 177335	13036	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	3534 134829	6404 382379	14266 568755	34431 869251	68887	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend
Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
None = No Calib Curve
Qua = Quadratic ISTD

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 769079

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2021 08:39 Calibration End Date: 04/02/2021 10:57 Calibration ID: 84406

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-769079/10	f4522083.D
Level 2	STD1 460-769079/9	f4522082.D
Level 3	STD2 460-769079/8	f4522081.D
Level 4	STD5 460-769079/7	f4522080.D
Level 5	STD10 460-769079/6	f4522079.D
Level 6	STD20 460-769079/5	f4522078.D
Level 7	ICIS 460-769079/2	f4522075.D
Level 8	STD80 460-769079/4	f4522077.D
Level 9	STD120 460-769079/3	f4522076.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Benzoic acid				0.0						30		
2,4-Dinitrophenol			1.3						30			
4,6-Dinitro-2-methylphenol			2.0						30			

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522075.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 02-Apr-2021 08:39:58 ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126431-002
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Apr-2021 11:48:21 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: johnstonm1 Date: 02-Apr-2021 08:58:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.499	1.499	0.000	93	67980	50.0	49.7	
2 N-Nitrosodimethylamine	74	1.614	1.614	0.000	81	99502	50.0	50.8	
3 Pyridine	79	1.634	1.634	0.000	81	319198	100.0	92.3	
$ 5 2-Fluorophenol	112	2.265	2.265	0.000	86	152534	50.0	53.3	
7 Benzaldehyde	77	2.843	2.843	0.000	89	30401	20.0	11.1	
$ 8 Phenol-d5	99	2.887	2.887	0.000	92	210229	50.0	54.2	
9 Phenol	94	2.896	2.896	0.000	96	207545	50.0	50.1	
10 Aniline	93	2.920	2.920	0.000	97	255135	50.0	51.1	
11 Bis(2-chloroethyl)ether	93	2.970	2.970	0.000	89	166697	50.0	53.1	
12 2-Chlorophenol	128	3.002	3.002	0.000	61	141201	50.0	51.1	
13 n-Decane	43	3.046	3.046	0.000	92	230378	50.0	50.4	
14 1,3-Dichlorobenzene	146	3.114	3.114	0.000	89	151537	50.0	50.0	
* 15 1,4-Dichlorobenzene-d4	152	3.159	3.159	0.000	96	76659	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.170	3.170	0.000	89	153944	50.0	50.3	
17 Benzyl alcohol	108	3.265	3.265	0.000	88	99717	50.0	51.7	
18 1,2-Dichlorobenzene	146	3.282	3.282	0.000	90	145987	50.0	50.6	
19 2-Methylphenol	108	3.350	3.350	0.000	74	140030	50.0	50.6	
20 2,2'-oxybis[1-chloropropane]	45	3.371	3.371	0.000	92	302769	50.0	51.5	
130 N-Methylaniline	106	3.457	3.457	0.000	93	253453	50.0	51.0	a
21 Acetophenone	105	3.465	3.465	0.000	87	232046	50.0	50.2	
22 4-Methylphenol	108	3.474	3.474	0.000	86	162160	50.0	50.6	
23 3 & 4 Methylphenol	108	3.474	3.474	0.000	73	162160	50.0	50.6	
24 N-Nitrosodi-n-propylamine	70	3.474	3.474	0.000	86	123571	50.0	53.0	
25 Hexachloroethane	117	3.536	3.536	0.000	92	66817	50.0	49.6	
$ 26 Nitrobenzene-d5	82	3.578	3.578	0.000	94	210550	50.0	54.2	
27 Nitrobenzene	123	3.592	3.592	0.000	86	72131	50.0	53.5	
28 n,n'-Dimethylaniline	120	3.598	3.598	0.000	82	216986	50.0	49.7	
29 Isophorone	82	3.781	3.781	0.000	98	342793	50.0	51.6	
30 2-Nitrophenol	139	3.834	3.834	0.000	73	73060	50.0	51.3	
31 2,4-Dimethylphenol	122	3.881	3.881	0.000	86	127508	50.0	51.4	
32 Bis(2-chloroethoxy)methane	93	3.958	3.958	0.000	93	206457	50.0	51.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	3.988	3.988	0.000	93	81076	50.0	48.6	
34 2,4-Dichlorophenol	162	4.020	4.020	0.000	84	113860	50.0	52.1	
35 1,2,4-Trichlorobenzene	180	4.085	4.085	0.000	92	122745	50.0	51.2	
* 36 Naphthalene-d8	136	4.126	4.126	0.000	99	294551	40.0	40.0	
37 Naphthalene	128	4.141	4.141	0.000	97	408808	50.0	50.7	
38 4-Chloroaniline	127	4.191	4.191	0.000	86	171805	50.0	50.8	
39 Hexachlorobutadiene	225	4.244	4.244	0.000	91	71510	50.0	51.7	
40 Caprolactam	113	4.472	4.472	0.000	86	18124	20.0	19.1	M
41 4-Chloro-3-methylphenol	107	4.578	4.578	0.000	90	142301	50.0	51.5	
42 2-Methylnaphthalene	142	4.675	4.675	0.000	80	275952	50.0	51.5	
43 1-Methylnaphthalene	142	4.749	4.749	0.000	89	258059	50.0	51.3	
44 Hexachlorocyclopentadiene	237	4.799	4.799	0.000	71	84123	50.0	54.4	
45 1,2,4,5-Tetrachlorobenzene	216	4.805	4.805	0.000	92	123634	50.0	51.1	
46 2-tertbutyl-4-methylphenol	149	4.852	4.852	0.000	82	170013	50.0	50.9	
47 2,4,6-Trichlorophenol	196	4.896	4.896	0.000	82	83874	50.0	52.7	
48 2,4,5-Trichlorophenol	196	4.923	4.923	0.000	80	91703	50.0	51.0	
$ 50 2-Fluorobiphenyl	172	4.964	4.964	0.000	97	319986	50.0	54.3	
51 1,1'-Biphenyl	154	5.038	5.038	0.000	97	328185	50.0	51.6	
52 2-Chloronaphthalene	162	5.044	5.044	0.000	76	246003	50.0	50.9	
53 Phenyl ether	170	5.121	5.121	0.000	88	172280	50.0	51.4	
54 2-Nitroaniline	65	5.130	5.130	0.000	82	141855	50.0	51.6	
55 1,3-Dimethylnaphthalene	156	5.215	5.215	0.000	89	202415	50.0	52.9	
57 Coumarin	146	5.286	5.286	0.000	76	96330	50.0	50.0	
56 Dimethyl phthalate	163	5.289	5.289	0.000	93	293610	50.0	50.2	
58 2,6-Dinitrotoluene	165	5.324	5.324	0.000	64	66860	50.0	53.6	
59 Acenaphthylene	152	5.357	5.357	0.000	83	390539	50.0	50.8	
60 3-Nitroaniline	138	5.445	5.445	0.000	87	75824	50.0	51.7	
* 61 Acenaphthene-d10	164	5.463	5.463	0.000	90	155411	40.0	40.0	
62 Acenaphthene	154	5.490	5.490	0.000	95	238002	50.0	51.4	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.507	5.507	0.000	95	215769	50.0	50.0	
64 2,4-Dinitrophenol	184	5.525	5.525	0.000	61	78455	100.0	98.6	
65 4-Nitrophenol	65	5.590	5.590	0.000	96	164395	100.0	106.8	
66 Dibenzofuran	168	5.620	5.620	0.000	88	361082	50.0	51.3	
67 2,4-Dinitrotoluene	165	5.623	5.623	0.000	37	88290	50.0	53.1	
68 2,3,4,6-Tetrachlorophenol	232	5.717	5.717	0.000	88	76399	50.0	51.0	
69 Diethyl phthalate	149	5.826	5.826	0.000	96	307310	50.0	50.5	
70 Fluorene	166	5.876	5.876	0.000	68	294752	50.0	51.2	
71 4-Chlorophenyl phenyl ether	204	5.888	5.888	0.000	77	136189	50.0	50.9	
72 4-Nitroaniline	138	5.912	5.912	0.000	65	74488	50.0	52.0	
73 4,6-Dinitro-2-methylphenol	198	5.930	5.930	0.000	61	99310	100.0	99.1	
74 N-Nitrosodiphenylamine	169	5.983	5.983	0.000	25	213692	50.0	49.3	
75 1,2-Diphenylhydrazine	77	6.009	6.009	0.000	28	404573	50.0	49.1	
$ 76 2,4,6-Tribromophenol	330	6.057	6.057	0.000	94	72970	50.0	56.9	
77 4-Bromophenyl phenyl ether	248	6.251	6.251	0.000	76	87862	50.0	49.9	
78 Hexachlorobenzene	284	6.284	6.284	0.000	89	107317	50.0	48.9	
79 Atrazine	200	6.393	6.393	0.000	80	36552	20.0	22.1	
80 Pentachlorophenol	266	6.437	6.437	0.000	87	137567	100.0	107.1	
81 Pentachloronitrobenzene	237	6.446	6.446	0.000	59	42085	50.0	49.5	
82 n-Octadecane	57	6.541	6.541	0.000	91	341646	50.0	50.5	
* 83 Phenanthrene-d10	188	6.576	6.576	0.000	96	298034	40.0	40.0	
84 Phenanthrene	178	6.594	6.594	0.000	99	425321	50.0	48.9	
85 Anthracene	178	6.632	6.632	0.000	97	447630	50.0	49.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.756	6.756	0.000	83	403583	50.0	49.3	
88 Di-n-butyl phthalate	149	7.045	7.045	0.000	99	523359	50.0	49.2	
89 Fluoranthene	202	7.476	7.476	0.000	97	468424	50.0	49.5	
90 Benzidine	184	7.592	7.592	0.000	99	244176	50.0	56.5	
91 Pyrene	202	7.642	7.642	0.000	96	481810	50.0	46.0	
92 Bisphenol-A	213	7.707	7.707	0.000	97	213298	50.0	46.1	
$ 93 Terphenyl-d14	244	7.778	7.778	0.000	99	382379	50.0	50.3	
95 Butyl benzyl phthalate	149	8.162	8.162	0.000	94	231066	50.0	46.6	
96 2,3,7,8-TCDD	320	8.203	8.203	0.000	27	849	0.5000	0.5000	
97 Carbamazepine	193	8.227	8.227	0.000	90	205488	50.0	45.7	
99 3,3'-Dichlorobenzidine	252	8.558	8.558	0.000	98	182683	50.0	47.4	
100 Benzo[a]anthracene	228	8.563	8.563	0.000	100	456083	50.0	46.0	
* 98 Chrysene-d12	240	8.575	8.575	0.000	99	299046	40.0	40.0	
101 Chrysene	228	8.596	8.596	0.000	93	463673	50.0	46.9	
102 Bis(2-ethylhexyl) phthalate	149	8.637	8.637	0.000	87	348590	50.0	47.1	
103 Di-n-octyl phthalate	149	9.228	9.228	0.000	96	594048	50.0	52.2	
104 Benzo[b]fluoranthene	252	9.530	9.530	0.000	97	474787	50.0	55.9	
105 Benzo[k]fluoranthene	252	9.559	9.559	0.000	99	490030	50.0	51.9	
106 Benzo[a]pyrene	252	9.843	9.843	0.000	97	419721	50.0	54.4	
* 107 Perylene-d12	264	9.899	9.899	0.000	98	313183	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	10.966	10.966	0.000	99	453426	50.0	58.3	M
109 Dibenz(a,h)anthracene	278	10.996	10.996	0.000	96	476064	50.0	57.3	
110 Benzo[g,h,i]perylene	276	11.229	11.229	0.000	94	472673	50.0	51.4	
131 2,6-Dichlorophenol	162	4.194	4.194	0.000	73	112786	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00002 Amount Added: 1.00 Units: mL

Report Date: 02-Apr-2021 11:48:30 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522075.D

Injection Date: 02-Apr-2021 08:39:58 Instrument ID: CBNAMS15 Operator ID:

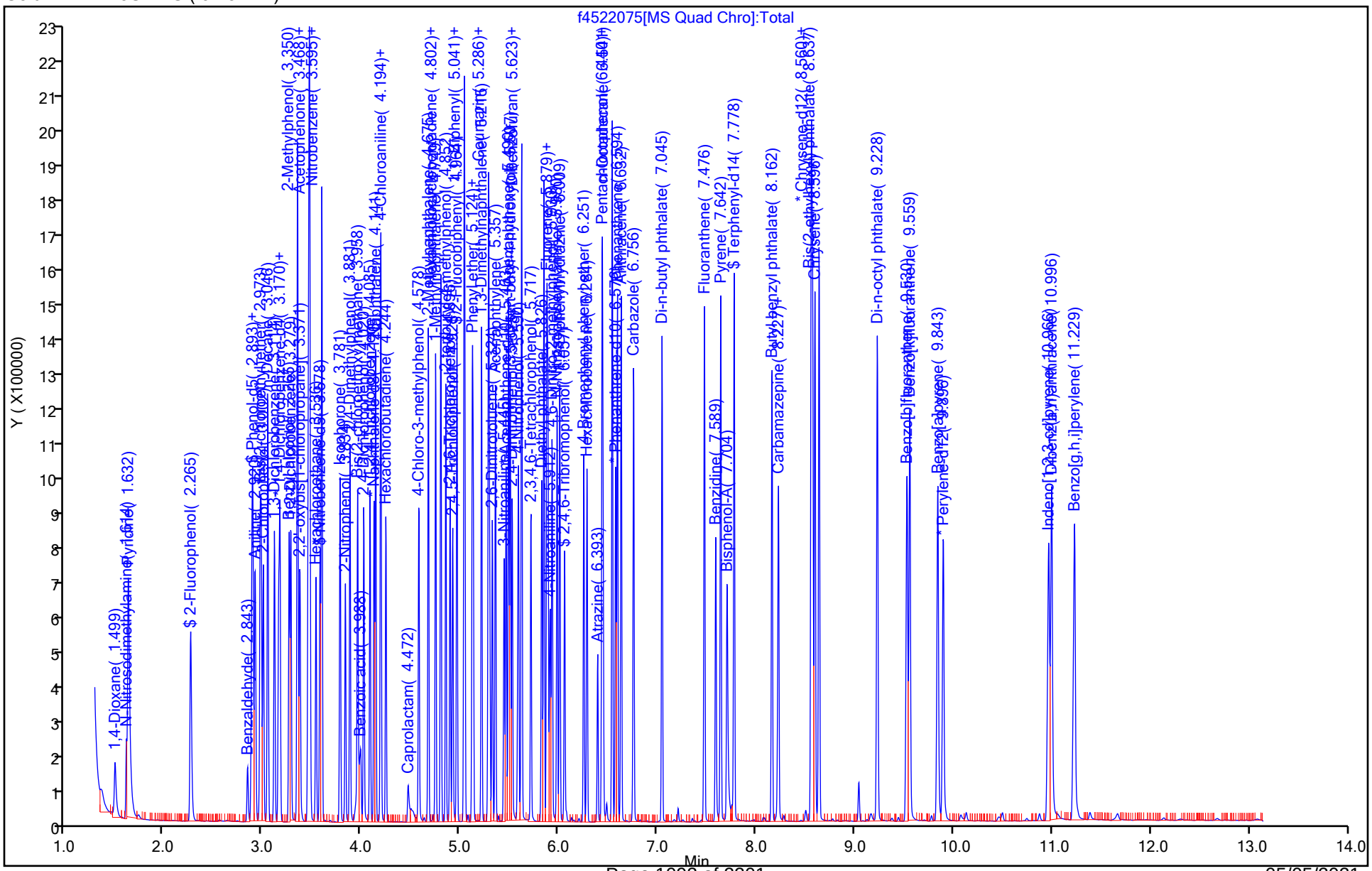
Lims ID: icis Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

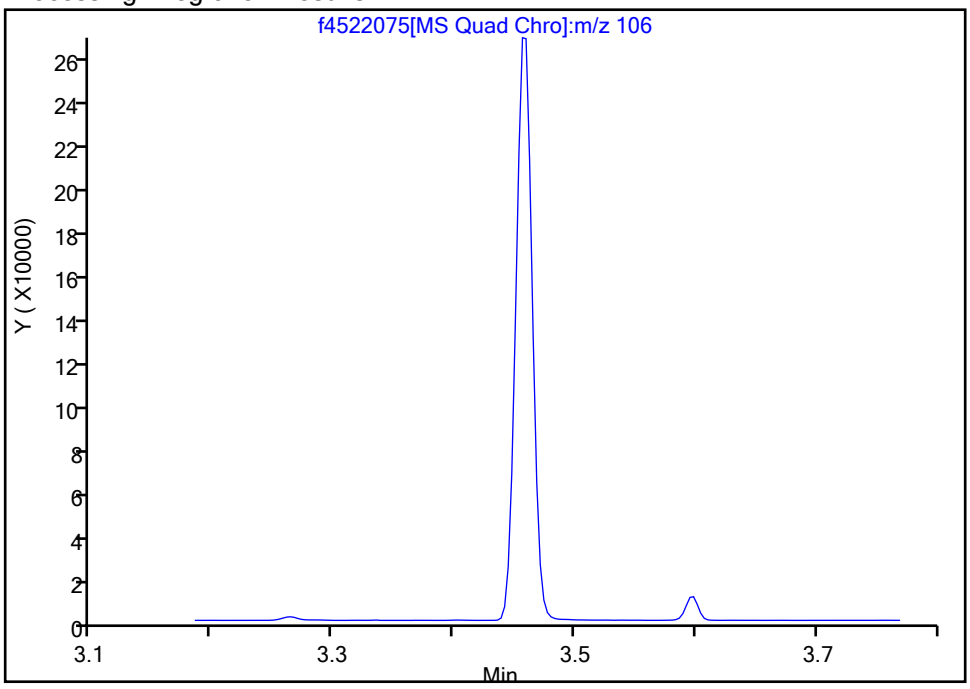
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522075.D				
Injection Date:	02-Apr-2021 08:39:58	Instrument ID:	CBNAMS15		
Lims ID:	icis				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

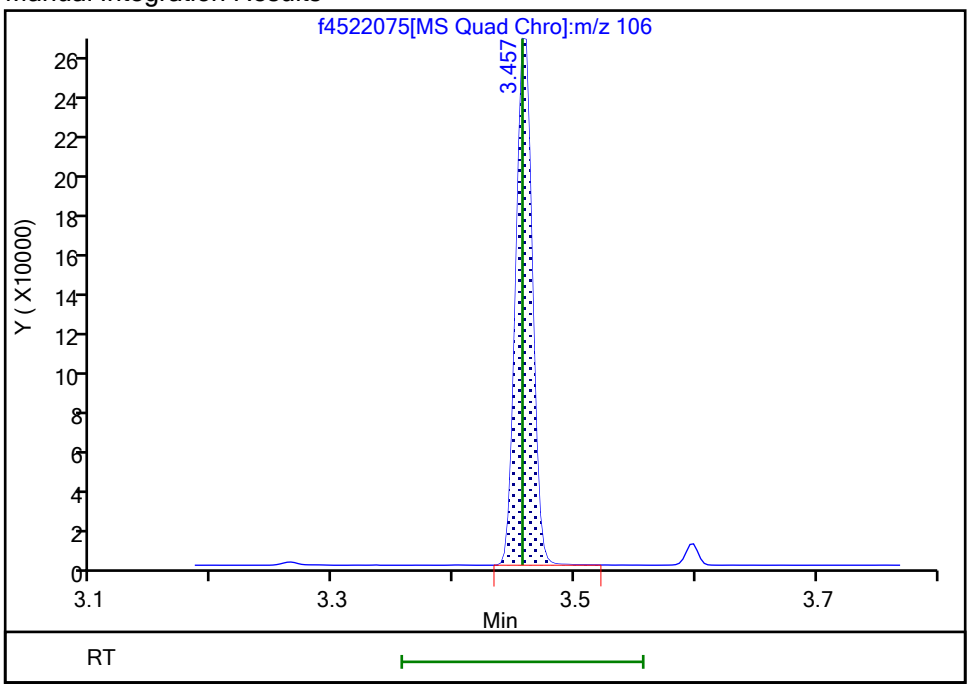
Not Detected
Expected RT: 3.46

Processing Integration Results



Manual Integration Results

RT: 3.46
Area: 253453
Amount: 50.964248
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 08:57:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

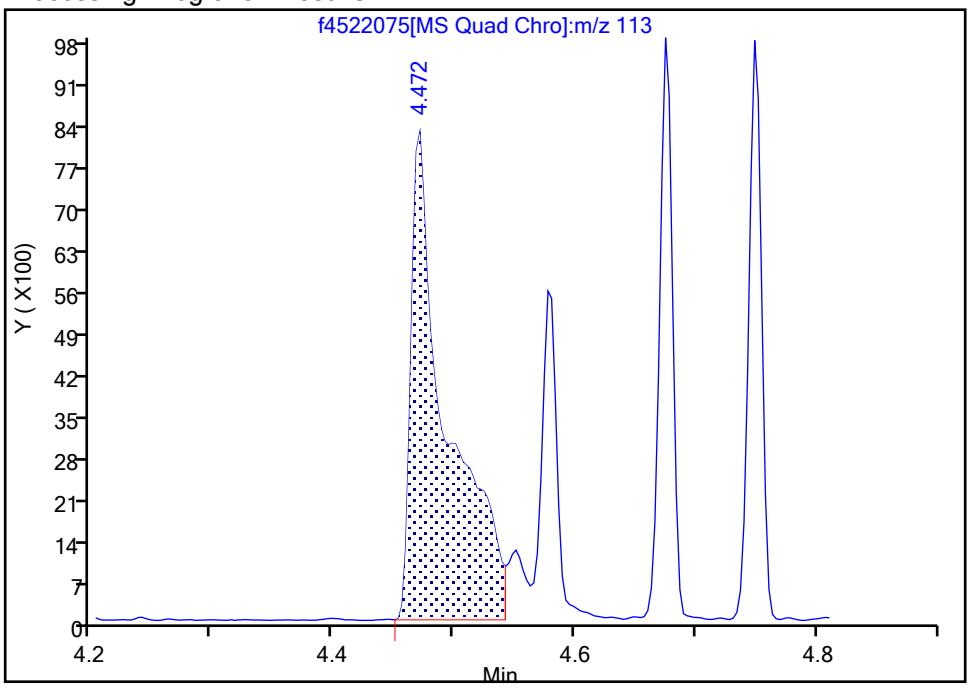
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522075.D				
Injection Date:	02-Apr-2021 08:39:58	Instrument ID:	CBNAMS15		
Lims ID:	icis				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

40 Caprolactam, CAS: 105-60-2

Signal: 1

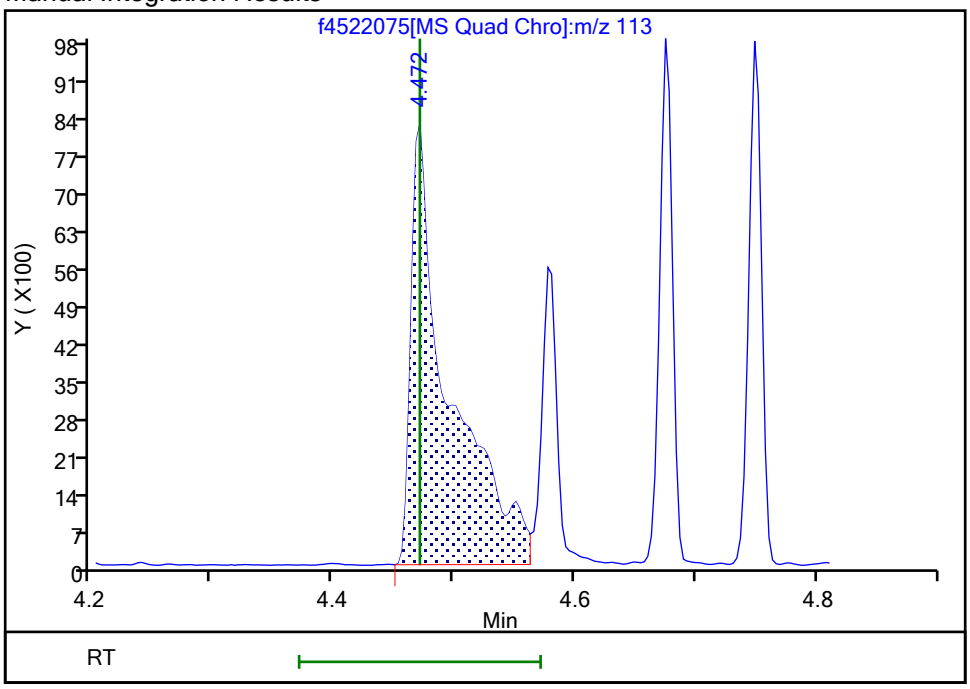
Processing Integration Results

RT: 4.47
Area: 17013
Amount: 19.751052
Amount Units: ug/ml



Manual Integration Results

RT: 4.47
Area: 18124
Amount: 19.055375
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 09:53:01

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

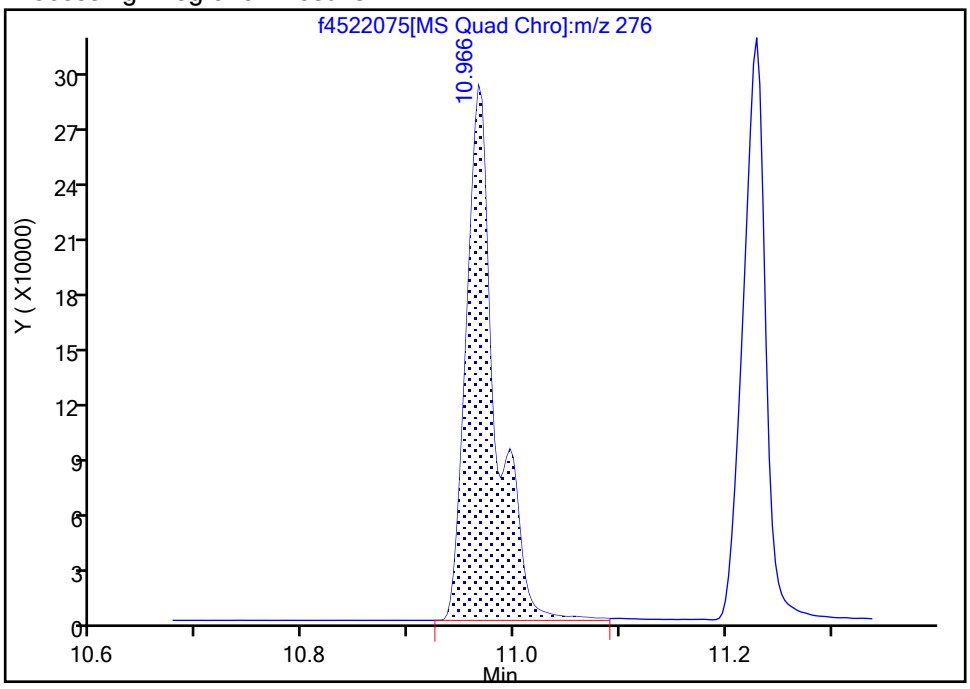
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522075.D				
Injection Date:	02-Apr-2021 08:39:58	Instrument ID:	CBNAMS15		
Lims ID:	icis				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

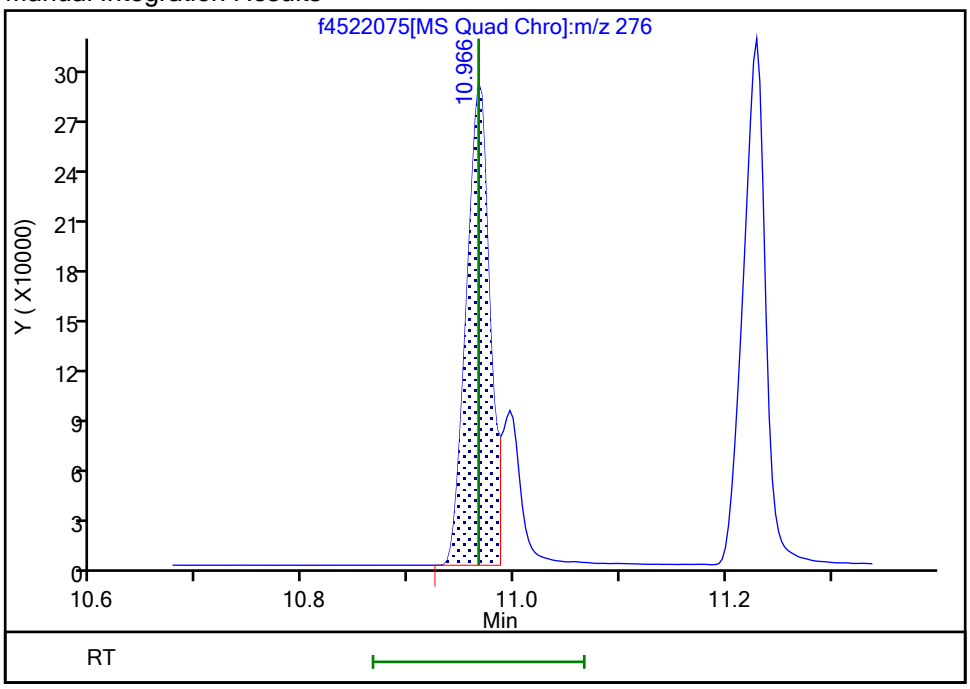
Processing Integration Results

RT: 10.97
Area: 565595
Amount: 63.987983
Amount Units: ug/ml



Manual Integration Results

RT: 10.97
Area: 453426
Amount: 58.253627
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 08:58:09

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522076.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 02-Apr-2021 08:57:08 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126431-003
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Apr-2021 11:48:42 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: johnstonm1 Date: 02-Apr-2021 09:21:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.496	1.499	-0.003	94	165965	120.0	113.5	
2 N-Nitrosodimethylamine	74	1.611	1.614	-0.003	82	247515	120.0	118.2	
3 Pyridine	79	1.629	1.634	-0.005	81	868000	240.0	234.9	
$ 5 2-Fluorophenol	112	2.259	2.265	-0.006	85	369668	120.0	121.0	
7 Benzaldehyde	77	2.835	2.843	-0.008	86	18791	32.0	6.41	
$ 8 Phenol-d5	99	2.891	2.887	0.004	91	509655	120.0	122.9	
9 Phenol	94	2.900	2.896	0.004	91	545069	120.0	123.1	
10 Aniline	93	2.917	2.920	-0.003	97	619488	120.0	116.0	a
11 Bis(2-chloroethyl)ether	93	2.970	2.970	0.000	84	402199	120.0	119.8	
12 2-Chlorophenol	128	3.003	3.002	0.001	73	338827	120.0	114.7	
13 n-Decane	43	3.041	3.046	-0.005	92	551998	120.0	113.1	
14 1,3-Dichlorobenzene	146	3.112	3.114	-0.002	90	366763	120.0	113.3	
* 15 1,4-Dichlorobenzene-d4	152	3.153	3.159	-0.006	95	81915	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.165	3.170	-0.005	86	369559	120.0	113.0	
17 Benzyl alcohol	108	3.266	3.265	0.001	87	249756	120.0	121.2	
18 1,2-Dichlorobenzene	146	3.277	3.282	-0.005	90	351424	120.0	114.1	
19 2-Methylphenol	108	3.351	3.350	0.001	84	345752	120.0	117.0	
20 2,2'-oxybis[1-chloropropane]	45	3.369	3.371	-0.002	89	721900	120.0	115.0	
130 N-Methylaniline	106	3.457	3.457	0.000	91	638441	120.0	120.1	a
21 Acetophenone	105	3.469	3.465	0.004	92	566806	120.0	114.8	
22 4-Methylphenol	108	3.481	3.474	0.007	91	400385	120.0	117.0	
23 3 & 4 Methylphenol	108	3.481	3.474	0.007	76	400385	120.0	117.0	
24 N-Nitrosodi-n-propylamine	70	3.478	3.474	0.004	78	302228	120.0	121.4	
25 Hexachloroethane	117	3.531	3.536	-0.005	91	163202	120.0	113.4	
$ 26 Nitrobenzene-d5	82	3.578	3.578	0.000	93	503427	120.0	120.0	
27 Nitrobenzene	123	3.596	3.592	0.004	86	171151	120.0	118.9	
28 n,n'-Dimethylaniline	120	3.599	3.598	0.001	83	552882	120.0	118.5	
29 Isophorone	82	3.788	3.781	0.007	98	846055	120.0	118.1	
30 2-Nitrophenol	139	3.835	3.834	0.001	72	179680	120.0	116.9	
31 2,4-Dimethylphenol	122	3.882	3.881	0.001	86	310882	120.0	116.2	
32 Bis(2-chloroethoxy)methane	93	3.959	3.958	0.001	94	506801	120.0	115.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.033	3.988	0.045	64	224898	120.0	120.6	
34 2,4-Dichlorophenol	162	4.024	4.020	0.004	87	277685	120.0	117.7	
35 1,2,4-Trichlorobenzene	180	4.083	4.085	-0.002	90	293445	120.0	113.4	
* 36 Naphthalene-d8	136	4.124	4.126	-0.002	99	317867	40.0	40.0	
37 Naphthalene	128	4.142	4.141	0.001	98	981921	120.0	112.9	
38 4-Chloroaniline	127	4.195	4.191	0.004	84	414345	120.0	113.6	
39 Hexachlorobutadiene	225	4.242	4.244	-0.002	92	172936	120.0	115.8	
40 Caprolactam	113	4.579	4.472	0.107	31	38671	32.0	31.6	M
41 4-Chloro-3-methylphenol	107	4.579	4.578	0.001	93	354755	120.0	119.1	
42 2-Methylnaphthalene	142	4.676	4.675	0.001	80	659470	120.0	114.0	
43 1-Methylnaphthalene	142	4.750	4.749	0.001	89	618418	120.0	114.0	
44 Hexachlorocyclopentadiene	237	4.800	4.799	0.001	78	213422	120.0	129.0	
45 1,2,4,5-Tetrachlorobenzene	216	4.806	4.805	0.001	93	299377	120.0	115.6	
46 2-tertbutyl-4-methylphenol	149	4.856	4.852	0.004	84	432081	120.0	119.9	
47 2,4,6-Trichlorophenol	196	4.897	4.896	0.001	82	205257	120.0	120.3	
48 2,4,5-Trichlorophenol	196	4.924	4.923	0.001	83	224548	120.0	116.6	
$ 50 2-Fluorobiphenyl	172	4.965	4.964	0.001	96	745839	120.0	118.3	
51 1,1'-Biphenyl	154	5.042	5.038	0.004	96	768113	120.0	112.9	
52 2-Chloronaphthalene	162	5.048	5.044	0.004	87	582385	120.0	112.6	
53 Phenyl ether	170	5.122	5.121	0.001	88	429877	120.0	119.7	
54 2-Nitroaniline	65	5.136	5.130	0.006	90	347345	120.0	118.1	
55 1,3-Dimethylnaphthalene	156	5.219	5.215	0.004	89	488506	120.0	119.1	
57 Coumarin	146	5.293	5.286	0.007	77	250346	120.0	120.5	
56 Dimethyl phthalate	163	5.299	5.289	0.010	92	715718	120.0	114.3	
58 2,6-Dinitrotoluene	165	5.334	5.324	0.010	54	165302	120.0	123.7	
59 Acenaphthylene	152	5.361	5.357	0.004	85	944302	120.0	114.8	
60 3-Nitroaniline	138	5.452	5.445	0.007	87	184602	120.0	117.6	
* 61 Acenaphthene-d10	164	5.464	5.463	0.001	96	166433	40.0	40.0	
62 Acenaphthene	154	5.494	5.490	0.004	96	564040	120.0	113.6	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.508	5.507	0.001	97	559582	120.0	121.0	
64 2,4-Dinitrophenol	184	5.538	5.525	0.013	63	215909	240.0	248.6	
65 4-Nitrophenol	65	5.603	5.590	0.013	96	418729	240.0	254.1	
66 Dibenzofuran	168	5.626	5.620	0.006	92	850950	120.0	112.8	
67 2,4-Dinitrotoluene	165	5.632	5.623	0.009	48	219680	120.0	123.4	
68 2,3,4,6-Tetrachlorophenol	232	5.721	5.717	0.004	89	188730	120.0	117.6	
69 Diethyl phthalate	149	5.836	5.826	0.010	96	749109	120.0	115.0	
70 Fluorene	166	5.880	5.876	0.004	67	692489	120.0	112.4	
71 4-Chlorophenyl phenyl ether	204	5.892	5.888	0.004	78	324275	120.0	113.3	
72 4-Nitroaniline	138	5.934	5.912	0.022	76	178696	120.0	116.5	
73 4,6-Dinitro-2-methylphenol	198	5.945	5.930	0.015	63	253511	240.0	242.0	
74 N-Nitrosodiphenylamine	169	5.990	5.983	0.007	19	509198	120.0	113.4	
75 1,2-Diphenylhydrazine	77	6.013	6.009	0.004	4	978447	120.0	114.6	a
$ 76 2,4,6-Tribromophenol	330	6.064	6.057	0.007	96	177335	120.0	129.1	
77 4-Bromophenyl phenyl ether	248	6.256	6.251	0.005	77	211930	120.0	116.1	
78 Hexachlorobenzene	284	6.288	6.284	0.004	85	268704	120.0	118.3	
79 Atrazine	200	6.397	6.393	0.004	80	52848	32.0	30.8	
80 Pentachlorophenol	266	6.445	6.437	0.008	85	349677	240.0	262.9	
81 Pentachloronitrobenzene	237	6.451	6.446	0.005	55	109100	120.0	124.0	
82 n-Octadecane	57	6.542	6.541	0.001	90	813063	120.0	116.2	
* 83 Phenanthrene-d10	188	6.578	6.576	0.002	92	308638	40.0	40.0	
84 Phenanthrene	178	6.598	6.594	0.004	99	1032008	120.0	114.5	
85 Anthracene	178	6.637	6.632	0.005	96	1069158	120.0	114.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.764	6.756	0.008	83	977710	120.0	115.4	
88 Di-n-butyl phthalate	149	7.047	7.045	0.002	99	1271488	120.0	115.4	
89 Fluoranthene	202	7.481	7.476	0.005	97	1140950	120.0	116.3	
90 Benzidine	184	7.593	7.592	0.001	99	583734	120.0	130.5	
91 Pyrene	202	7.646	7.642	0.004	96	1166118	120.0	118.2	
92 Bisphenol-A	213	7.708	7.707	0.001	96	543005	120.0	124.6	
$ 93 Terphenyl-d14	244	7.782	7.778	0.004	98	869251	120.0	121.2	
95 Butyl benzyl phthalate	149	8.163	8.162	0.001	94	566321	120.0	121.2	
97 Carbamazepine	193	8.237	8.227	0.010	91	551292	120.0	130.0	
99 3,3'-Dichlorobenzidine	252	8.568	8.558	0.010	84	468411	120.0	129.0	
100 Benzo[a]anthracene	228	8.571	8.563	0.008	100	1103575	120.0	118.1	
* 98 Chrysene-d12	240	8.580	8.575	0.005	92	281907	40.0	40.0	
101 Chrysene	228	8.607	8.596	0.011	95	1065954	120.0	114.4	
102 Bis(2-ethylhexyl) phthalate	149	8.642	8.637	0.005	87	829972	120.0	119.0	
103 Di-n-octyl phthalate	149	9.236	9.228	0.008	96	1447716	120.0	117.2	
104 Benzo[b]fluoranthene	252	9.546	9.530	0.016	97	1255860	120.0	136.1	
105 Benzo[k]fluoranthene	252	9.573	9.559	0.014	95	1139820	120.0	111.2	
106 Benzo[a]pyrene	252	9.856	9.843	0.013	96	1025628	120.0	122.3	
* 107 Perylene-d12	264	9.904	9.899	0.005	98	340050	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	10.988	10.966	0.022	98	1258955	120.0	149.0	M
109 Dibenz(a,h)anthracene	278	11.018	10.996	0.022	96	1172331	120.0	130.0	
110 Benzo[g,h,i]perylene	276	11.255	11.229	0.026	96	1205064	120.0	120.8	
S 117 Total Cresols	1				0			233.9	
131 2,6-Dichlorophenol	162	4.195	4.194	0.001	75	273907	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L9_00002 Amount Added: 1.00 Units: mL

Report Date: 02-Apr-2021 11:48:47 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522076.D

Injection Date: 02-Apr-2021 08:57:08 Instrument ID: CBNAMS15 Operator ID:

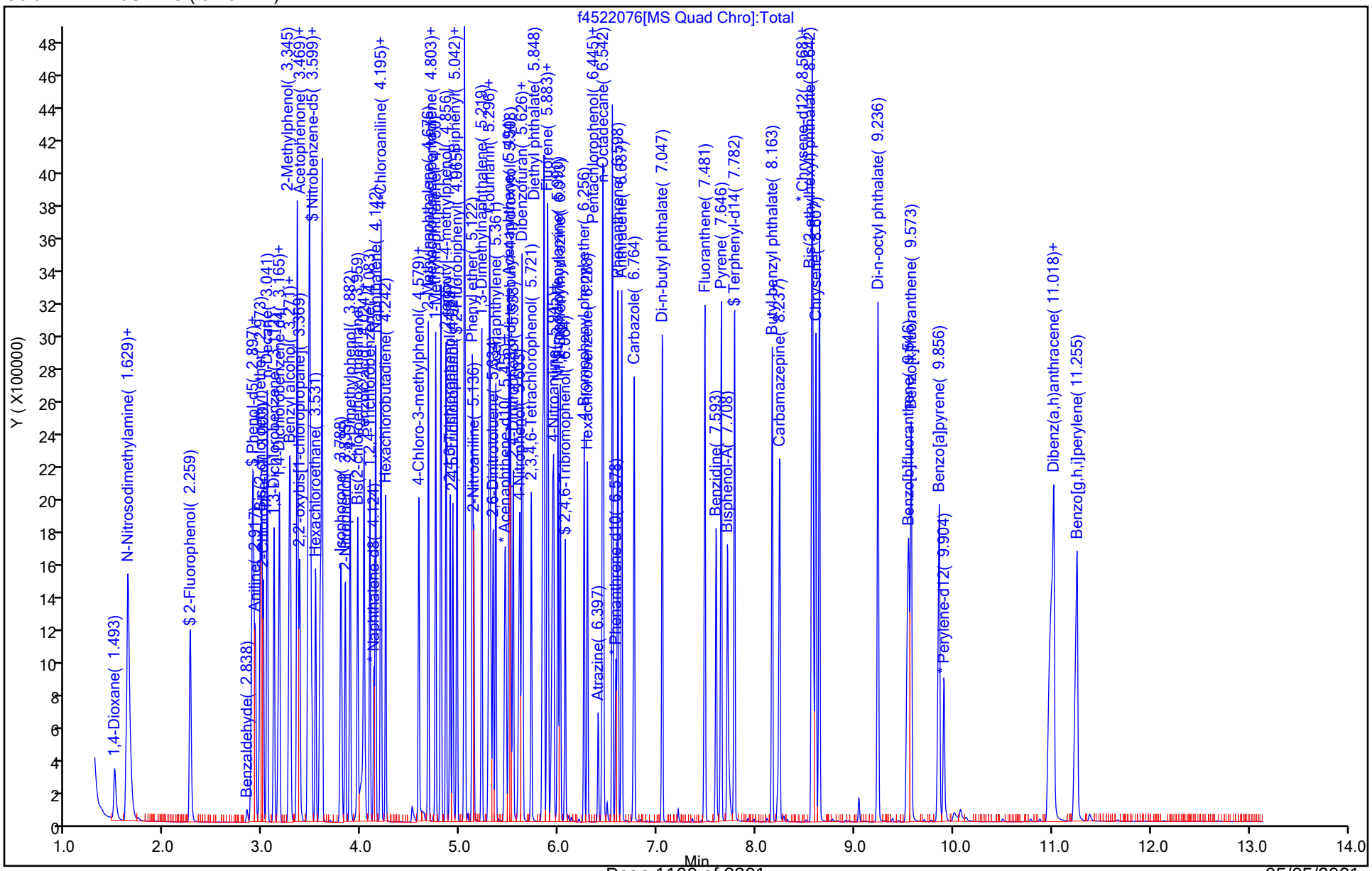
Lims ID: STD120 Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

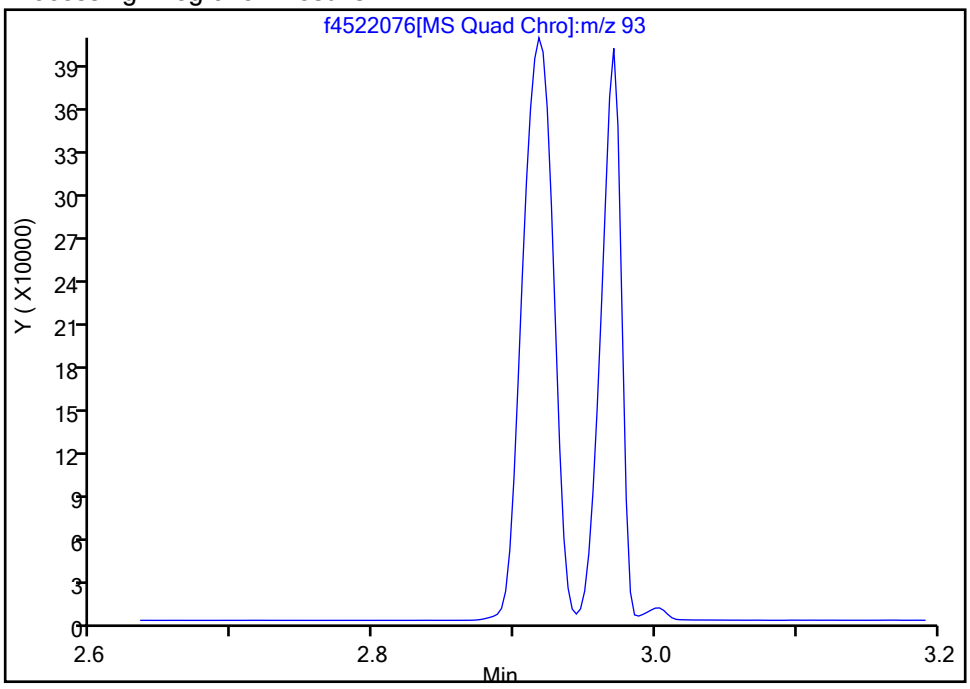
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522076.D				
Injection Date:	02-Apr-2021 08:57:08	Instrument ID:	CBNAMS15		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

10 Aniline, CAS: 62-53-3

Signal: 1

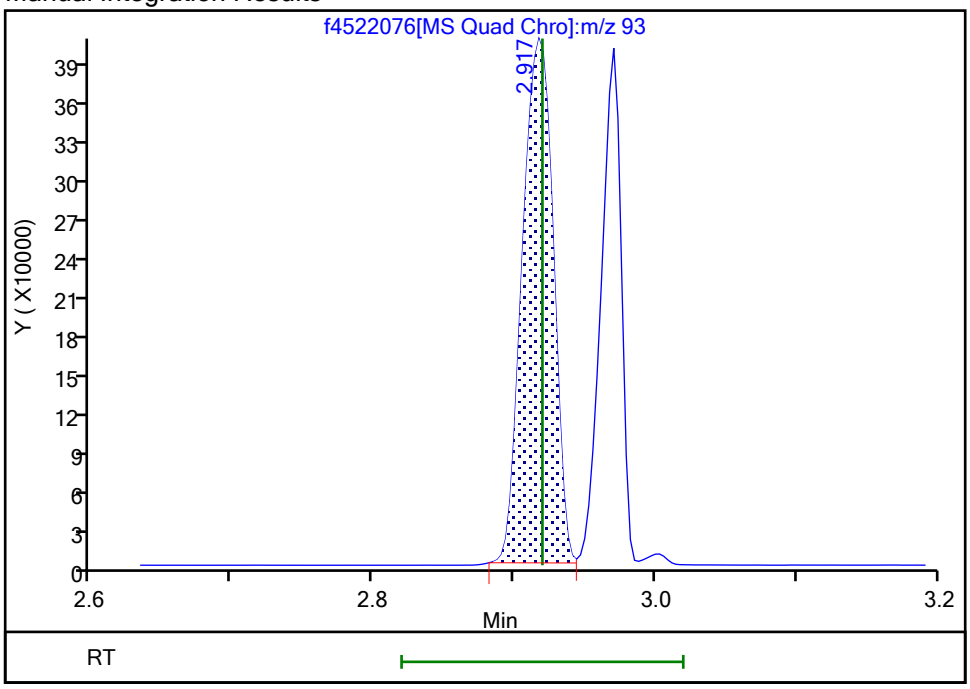
Not Detected
Expected RT: 2.92

Processing Integration Results



Manual Integration Results

RT: 2.92
Area: 619488
Amount: 116.0017
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 09:21:00
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Eurofins TestAmerica, Edison

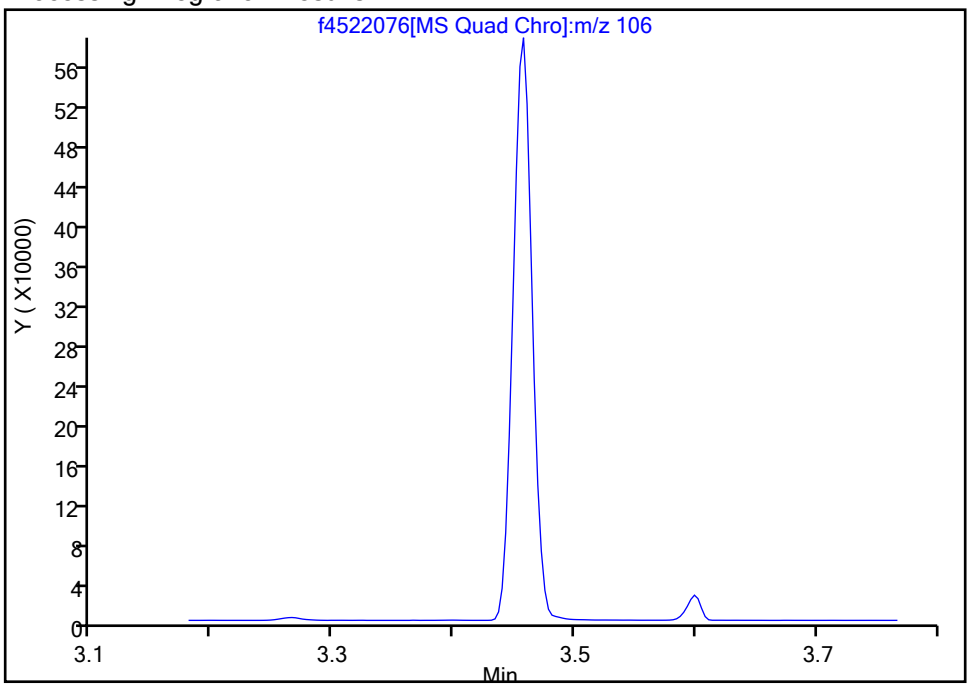
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522076.D				
Injection Date:	02-Apr-2021 08:57:08	Instrument ID:	CBNAMS15		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

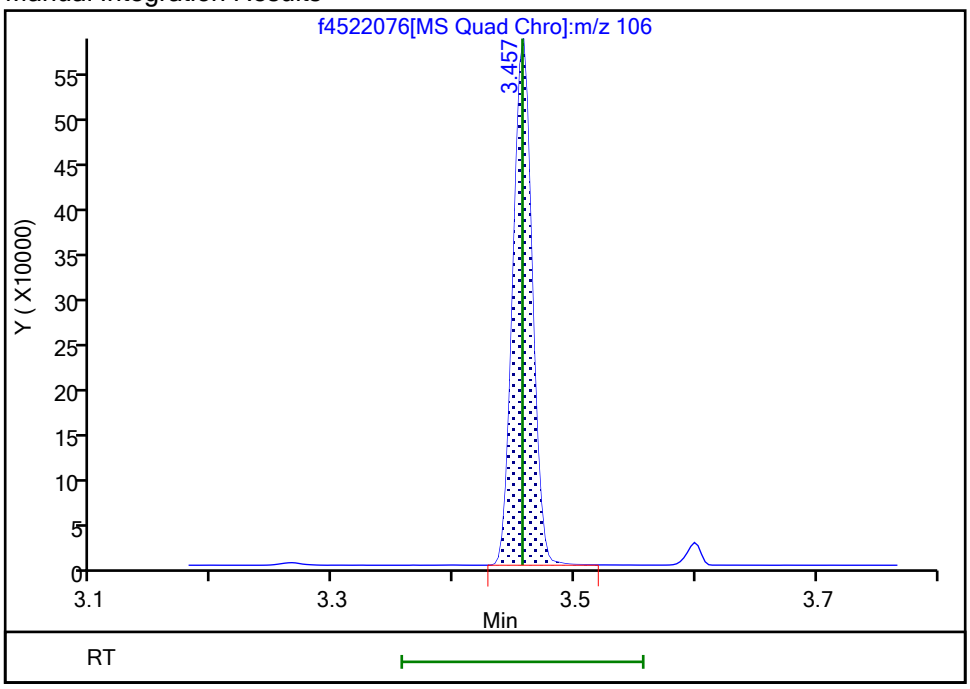
Not Detected
Expected RT: 3.46

Processing Integration Results



Manual Integration Results

RT: 3.46
Area: 638441
Amount: 120.1403
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 09:20:49
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

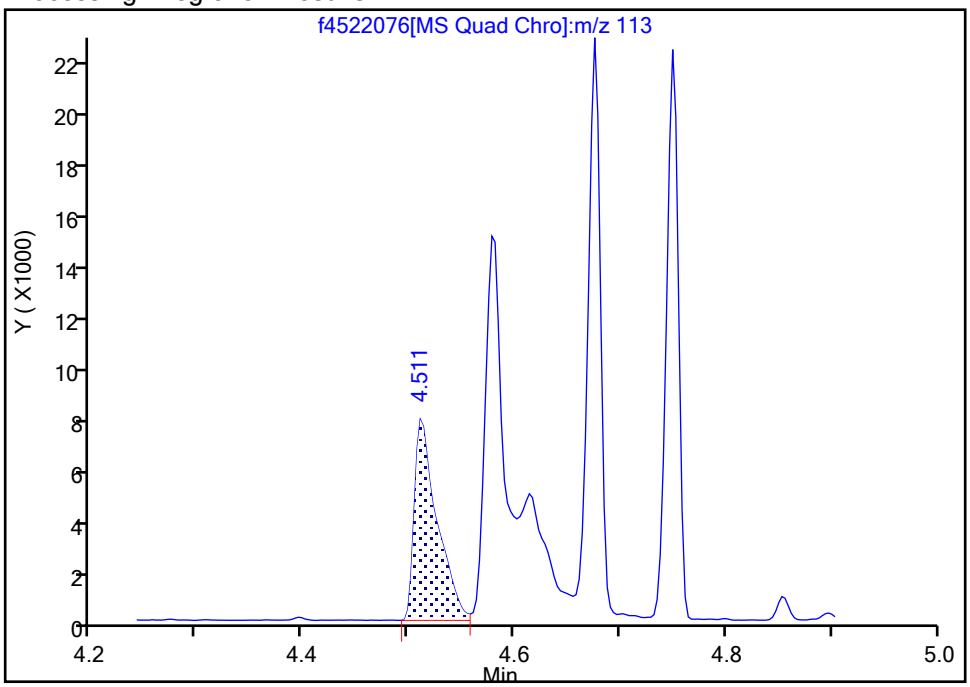
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522076.D				
Injection Date:	02-Apr-2021 08:57:08	Instrument ID:	CBNAMS15		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

40 Caprolactam, CAS: 105-60-2

Signal: 1

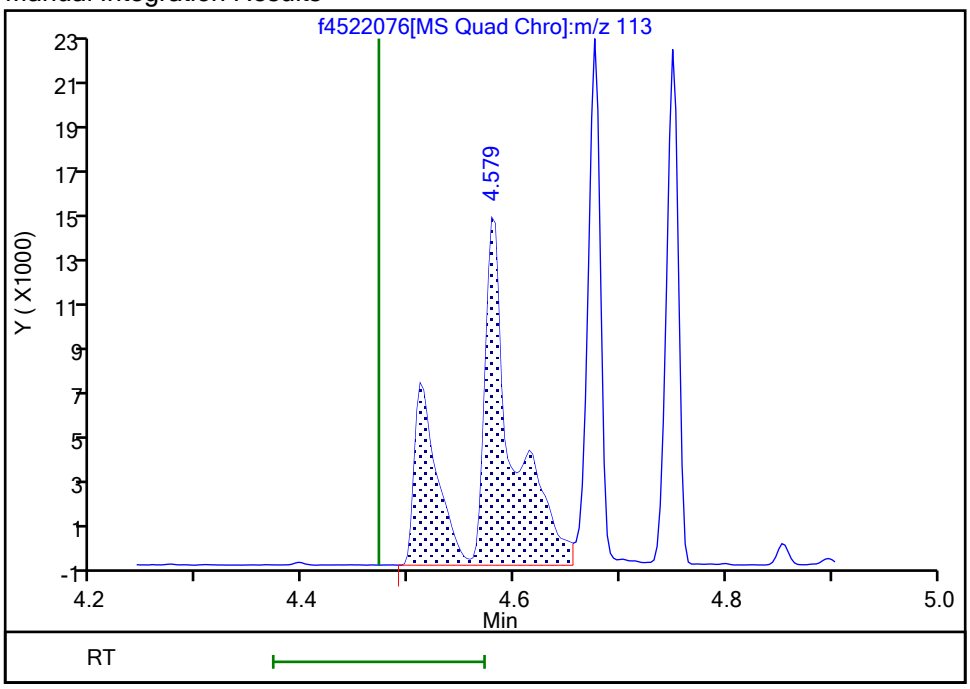
Processing Integration Results

RT: 4.51
Area: 11716
Amount: 18.247650
Amount Units: ug/ml



Manual Integration Results

RT: 4.58
Area: 38671
Amount: 31.590649
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 09:20:32

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

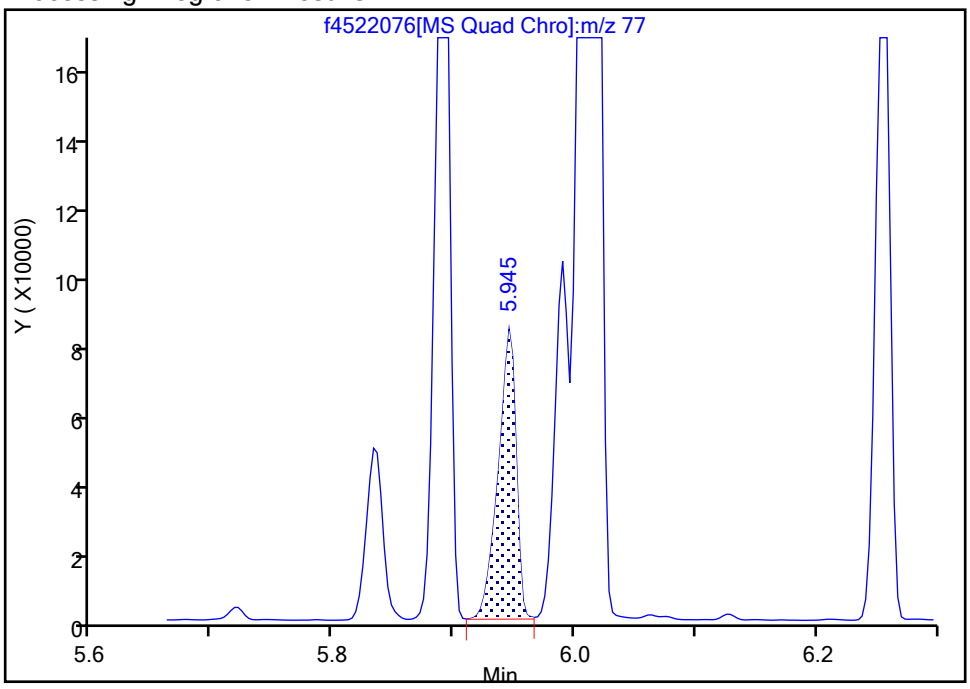
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522076.D
Injection Date: 02-Apr-2021 08:57:08 Instrument ID: CBNAMS15
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

75 1,2-Diphenylhydrazine, CAS: 122-66-7

Signal: 1

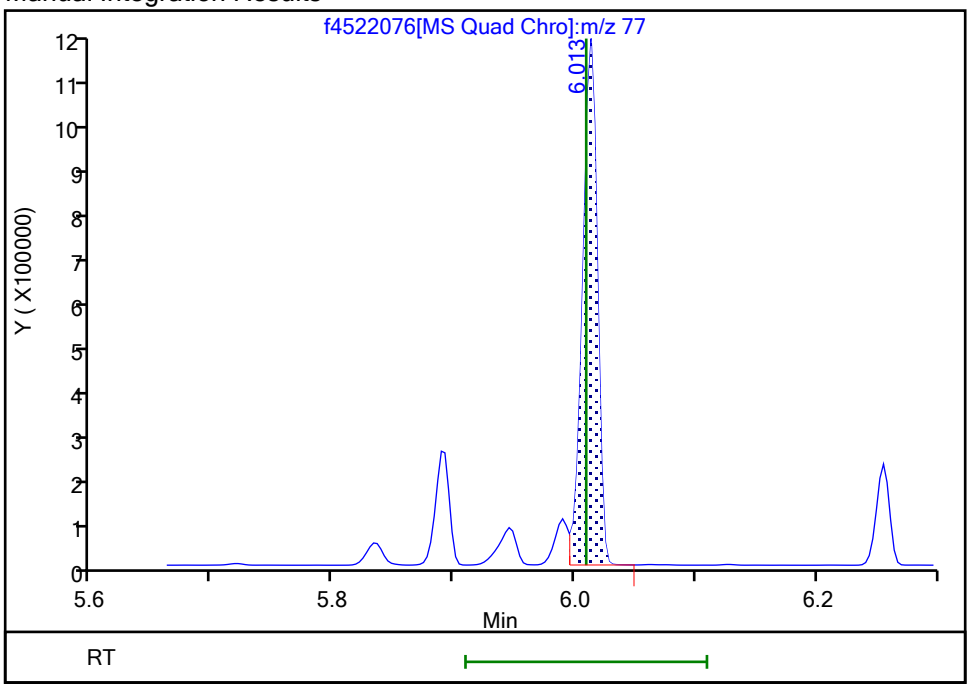
Processing Integration Results

RT: 5.95
Area: 84009
Amount: 18.505351
Amount Units: ug/ml



Manual Integration Results

RT: 6.01
Area: 978447
Amount: 114.5814
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 09:19:45
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

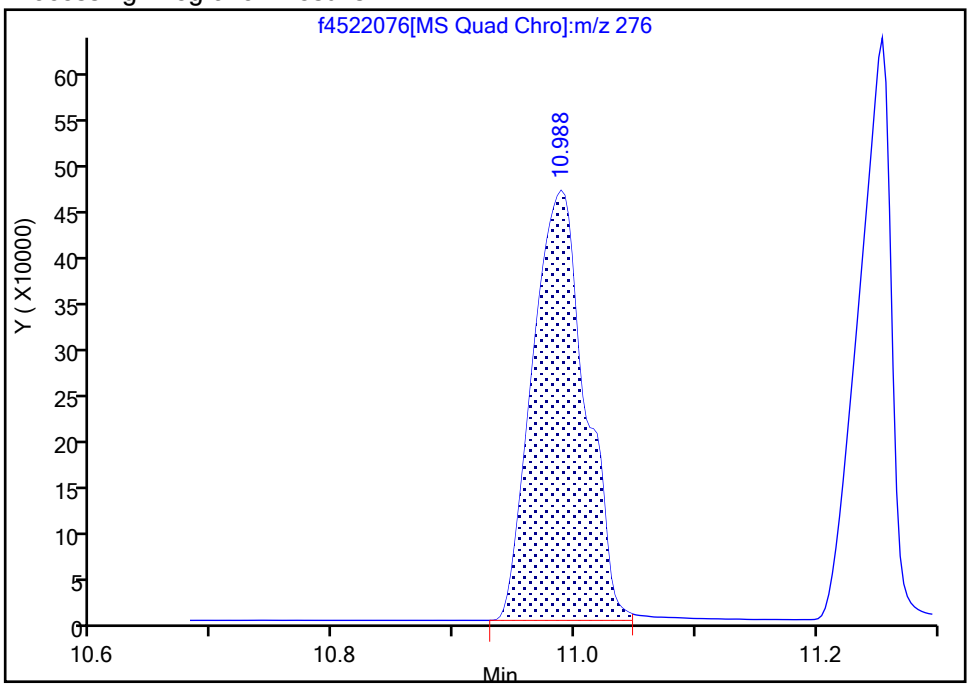
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522076.D				
Injection Date:	02-Apr-2021 08:57:08	Instrument ID:	CBNAMS15		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

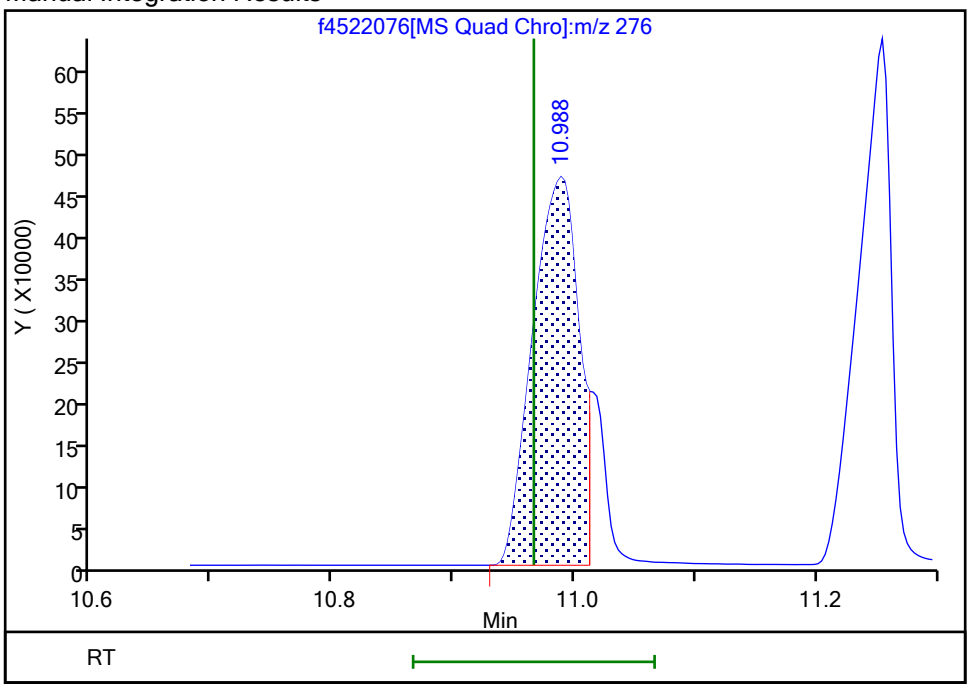
Processing Integration Results

RT: 10.99
Area: 1426969
Amount: 131.2886
Amount Units: ug/ml



Manual Integration Results

RT: 10.99
Area: 1258955
Amount: 148.9643
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 09:19:29

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522077.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 02-Apr-2021 09:14:15 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126431-004
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Apr-2021 11:48:54 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: johnstonm1 Date: 02-Apr-2021 09:50:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.493	1.499	-0.006	94	107275	80.0	76.4	
2 N-Nitrosodimethylamine	74	1.611	1.614	-0.003	82	159461	80.0	79.3	
3 Pyridine	79	1.628	1.634	-0.006	81	565878	160.0	159.5	
$ 5 2-Fluorophenol	112	2.260	2.265	-0.005	86	236723	80.0	80.7	
7 Benzaldehyde	77	2.835	2.843	-0.008	86	23290	24.0	8.27	
$ 8 Phenol-d5	99	2.885	2.887	-0.002	92	326236	80.0	82.0	
9 Phenol	94	2.894	2.896	-0.002	93	353541	80.0	83.2	
10 Aniline	93	2.915	2.920	-0.005	68	403424	80.0	78.7	a
11 Bis(2-chloroethyl)ether	93	2.965	2.970	-0.005	86	258721	80.0	80.3	
12 2-Chlorophenol	128	2.997	3.002	-0.005	61	223656	80.0	78.9	
13 n-Decane	43	3.042	3.046	-0.004	92	362269	80.0	77.3	
14 1,3-Dichlorobenzene	146	3.110	3.114	-0.004	89	242453	80.0	78.1	
* 15 1,4-Dichlorobenzene-d4	152	3.151	3.159	-0.008	96	78618	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.166	3.170	-0.004	87	245056	80.0	78.1	
17 Benzyl alcohol	108	3.263	3.265	-0.002	88	161768	80.0	81.8	
18 1,2-Dichlorobenzene	146	3.278	3.282	-0.004	90	231100	80.0	78.2	
19 2-Methylphenol	108	3.346	3.350	-0.004	73	224179	80.0	79.0	
20 2,2'-oxybis[1-chloropropane]	45	3.369	3.371	-0.002	86	474577	80.0	78.8	
130 N-Methylaniline	106	3.455	3.457	-0.002	90	409870	80.0	80.4	a
21 Acetophenone	105	3.464	3.465	-0.001	89	371919	80.0	78.5	
22 4-Methylphenol	108	3.475	3.474	0.001	90	259480	80.0	79.0	
23 3 & 4 Methylphenol	108	3.475	3.474	0.001	74	259480	80.0	79.0	
24 N-Nitrosodi-n-propylamine	70	3.473	3.474	-0.002	84	195292	80.0	81.7	
25 Hexachloroethane	117	3.532	3.536	-0.004	91	106832	80.0	77.4	
$ 26 Nitrobenzene-d5	82	3.576	3.578	-0.002	93	322508	80.0	79.4	
27 Nitrobenzene	123	3.594	3.592	0.002	86	112970	80.0	81.8	
28 n,n'-Dimethylaniline	120	3.597	3.598	-0.002	85	357913	80.0	80.0	
29 Isophorone	82	3.782	3.781	0.001	98	548166	80.0	78.9	
30 2-Nitrophenol	139	3.833	3.834	-0.001	72	118554	80.0	79.6	
31 2,4-Dimethylphenol	122	3.880	3.881	-0.001	85	202977	80.0	78.3	
32 Bis(2-chloroethoxy)methane	93	3.957	3.958	-0.001	94	330633	80.0	78.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.010	3.988	0.022	92	139510	80.0	78.2	
34 2,4-Dichlorophenol	162	4.022	4.020	0.002	88	184566	80.0	80.7	
35 1,2,4-Trichlorobenzene	180	4.084	4.085	-0.001	92	194755	80.0	77.7	
* 36 Naphthalene-d8	136	4.122	4.126	-0.004	99	308051	40.0	40.0	
37 Naphthalene	128	4.140	4.141	-0.001	97	653738	80.0	77.5	
38 4-Chloroaniline	127	4.193	4.191	0.002	85	274197	80.0	77.5	
39 Hexachlorobutadiene	225	4.243	4.244	-0.001	92	113240	80.0	78.2	
40 Caprolactam	113	4.579	4.472	0.107	31	28144	24.0	25.7	M
41 4-Chloro-3-methylphenol	107	4.579	4.578	0.001	94	230248	80.0	79.8	
42 2-Methylnaphthalene	142	4.677	4.675	0.002	80	435779	80.0	77.7	
43 1-Methylnaphthalene	142	4.751	4.749	0.002	89	406961	80.0	77.4	
44 Hexachlorocyclopentadiene	237	4.801	4.799	0.002	86	137031	80.0	84.5	
45 1,2,4,5-Tetrachlorobenzene	216	4.804	4.805	-0.001	91	196396	80.0	77.3	
46 2-tertbutyl-4-methylphenol	149	4.854	4.852	0.002	84	277607	80.0	79.5	
47 2,4,6-Trichlorophenol	196	4.895	4.896	-0.001	82	135360	80.0	80.9	
48 2,4,5-Trichlorophenol	196	4.922	4.923	-0.001	77	146395	80.0	77.5	
$ 50 2-Fluorobiphenyl	172	4.966	4.964	0.002	96	483579	80.0	78.2	
51 1,1'-Biphenyl	154	5.040	5.038	0.002	97	520519	80.0	78.0	
52 2-Chloronaphthalene	162	5.046	5.044	0.002	84	389872	80.0	76.9	
53 Phenyl ether	170	5.123	5.121	0.002	89	281300	80.0	79.9	
54 2-Nitroaniline	65	5.135	5.130	0.005	89	228546	80.0	79.2	
55 1,3-Dimethylnaphthalene	156	5.217	5.215	0.002	88	317582	80.0	79.0	
57 Coumarin	146	5.288	5.286	0.002	78	159426	80.0	79.2	
56 Dimethyl phthalate	163	5.294	5.289	0.005	92	467869	80.0	76.2	
58 2,6-Dinitrotoluene	165	5.329	5.324	0.005	53	106127	80.0	81.0	
59 Acenaphthylene	152	5.359	5.357	0.002	82	631548	80.0	78.3	
60 3-Nitroaniline	138	5.447	5.445	0.002	87	120706	80.0	78.4	
* 61 Acenaphthene-d10	164	5.465	5.463	0.002	94	163175	40.0	40.0	
62 Acenaphthene	154	5.492	5.490	0.002	96	375998	80.0	77.3	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.509	5.507	0.002	96	361435	80.0	79.7	
64 2,4-Dinitrophenol	184	5.533	5.525	0.008	67	138531	160.0	163.8	
65 4-Nitrophenol	65	5.595	5.590	0.005	96	270045	160.0	167.1	
66 Dibenzofuran	168	5.625	5.620	0.005	90	562450	80.0	76.1	
67 2,4-Dinitrotoluene	165	5.628	5.623	0.005	40	145075	80.0	83.1	
68 2,3,4,6-Tetrachlorophenol	232	5.719	5.717	0.002	88	122356	80.0	77.7	
69 Diethyl phthalate	149	5.831	5.826	0.005	96	486263	80.0	76.1	
70 Fluorene	166	5.882	5.876	0.006	70	458005	80.0	75.8	
71 4-Chlorophenyl phenyl ether	204	5.890	5.888	0.002	77	215251	80.0	76.7	
72 4-Nitroaniline	138	5.923	5.912	0.011	56	117221	80.0	77.9	
73 4,6-Dinitro-2-methylphenol	198	5.941	5.930	0.011	67	164408	160.0	163.6	
74 N-Nitrosodiphenylamine	169	5.985	5.983	0.002	15	337734	80.0	78.1	
75 1,2-Diphenylhydrazine	77	6.012	6.009	0.003	8	648934	80.0	78.9	
$ 76 2,4,6-Tribromophenol	330	6.062	6.057	0.005	96	111431	80.0	82.7	
77 4-Bromophenyl phenyl ether	248	6.256	6.251	0.005	79	138857	80.0	79.0	
78 Hexachlorobenzene	284	6.289	6.284	0.005	86	175403	80.0	80.2	
79 Atrazine	200	6.395	6.393	0.002	79	39480	24.0	23.9	
80 Pentachlorophenol	266	6.442	6.437	0.005	85	222968	160.0	174.1	
81 Pentachloronitrobenzene	237	6.451	6.446	0.005	69	68566	80.0	81.0	
82 n-Octadecane	57	6.543	6.541	0.002	91	540889	80.0	80.3	
* 83 Phenanthrene-d10	188	6.578	6.576	0.002	92	297120	40.0	40.0	
84 Phenanthrene	178	6.596	6.594	0.002	99	675025	80.0	77.8	
85 Anthracene	178	6.634	6.632	0.002	96	704188	80.0	78.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.761	6.756	0.005	83	639821	80.0	78.5	
88 Di-n-butyl phthalate	149	7.048	7.045	0.003	99	838109	80.0	79.0	
89 Fluoranthene	202	7.479	7.476	0.003	97	745728	80.0	79.0	
90 Benzidine	184	7.594	7.592	0.002	99	367704	80.0	85.4	
91 Pyrene	202	7.647	7.642	0.005	96	764163	80.0	78.8	
92 Bisphenol-A	213	7.709	7.707	0.002	96	364311	80.0	85.0	
$ 93 Terphenyl-d14	244	7.780	7.778	0.002	99	568755	80.0	80.6	
95 Butyl benzyl phthalate	149	8.164	8.162	0.002	94	366948	80.0	79.9	
97 Carbamazepine	193	8.235	8.227	0.008	91	349105	80.0	83.7	
99 3,3'-Dichlorobenzidine	252	8.566	8.558	0.008	81	295992	80.0	82.9	
100 Benzo[a]anthracene	228	8.569	8.563	0.006	100	721271	80.0	78.5	
* 98 Chrysene-d12	240	8.581	8.575	0.006	98	277223	40.0	40.0	
101 Chrysene	228	8.604	8.596	0.008	95	720090	80.0	78.6	
102 Bis(2-ethylhexyl) phthalate	149	8.643	8.637	0.006	88	546279	80.0	79.7	
103 Di-n-octyl phthalate	149	9.237	9.228	0.009	96	940035	80.0	80.1	
104 Benzo[b]fluoranthene	252	9.541	9.530	0.011	98	748589	80.0	85.4	
105 Benzo[k]fluoranthene	252	9.568	9.559	0.009	100	795924	80.0	81.8	
106 Benzo[a]pyrene	252	9.854	9.843	0.011	96	664674	80.0	83.5	
* 107 Perylene-d12	264	9.904	9.899	0.005	98	322872	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	10.981	10.966	0.015	99	762333	80.0	95.0	M
109 Dibenz(a,h)anthracene	278	11.013	10.996	0.017	96	763427	80.0	89.2	
110 Benzo[g,h,i]perylene	276	11.247	11.229	0.018	97	768751	80.0	81.2	
S 117 Total Cresols	1				0			158.0	
131 2,6-Dichlorophenol	162	4.193	4.194	-0.001	75	179487	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L8_00002 Amount Added: 1.00 Units: mL

Report Date: 02-Apr-2021 11:48:58 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522077.D

Injection Date: 02-Apr-2021 09:14:15 Instrument ID: CBNAMS15 Operator ID:

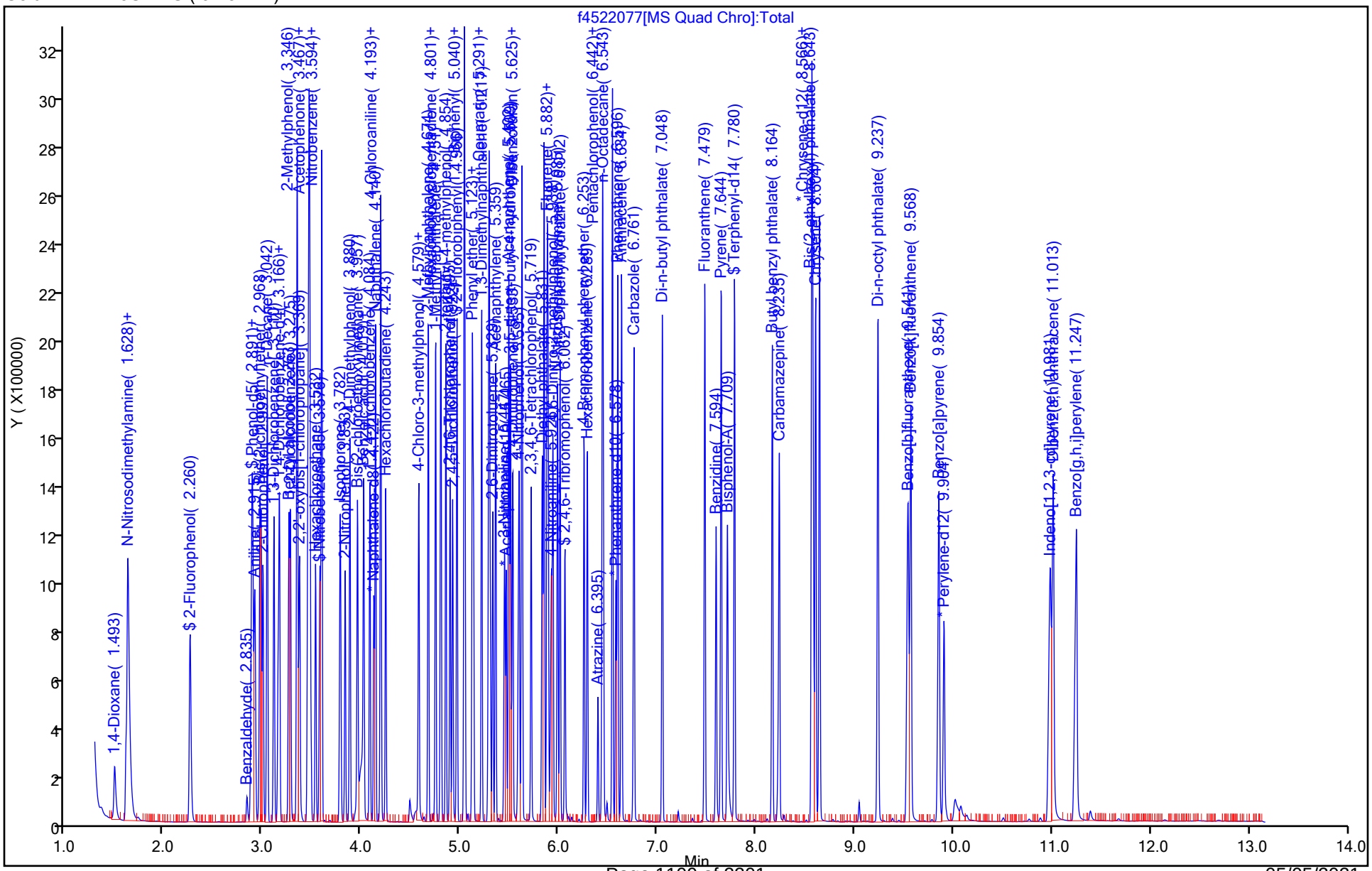
Lims ID: STD80 Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

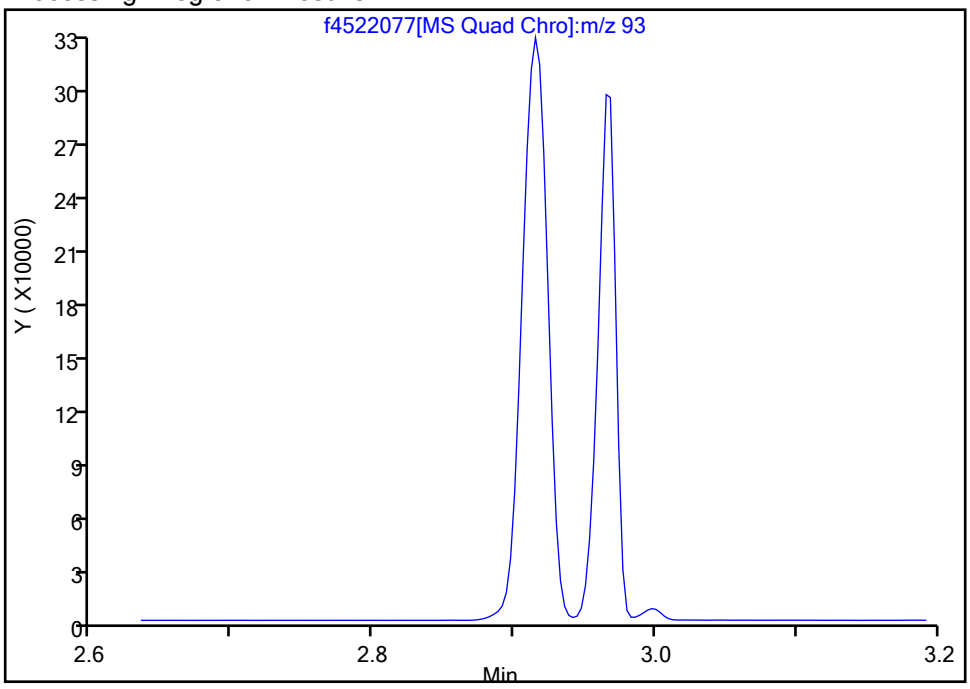
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522077.D
Injection Date: 02-Apr-2021 09:14:15 Instrument ID: CBNAMS15
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

10 Aniline, CAS: 62-53-3

Signal: 1

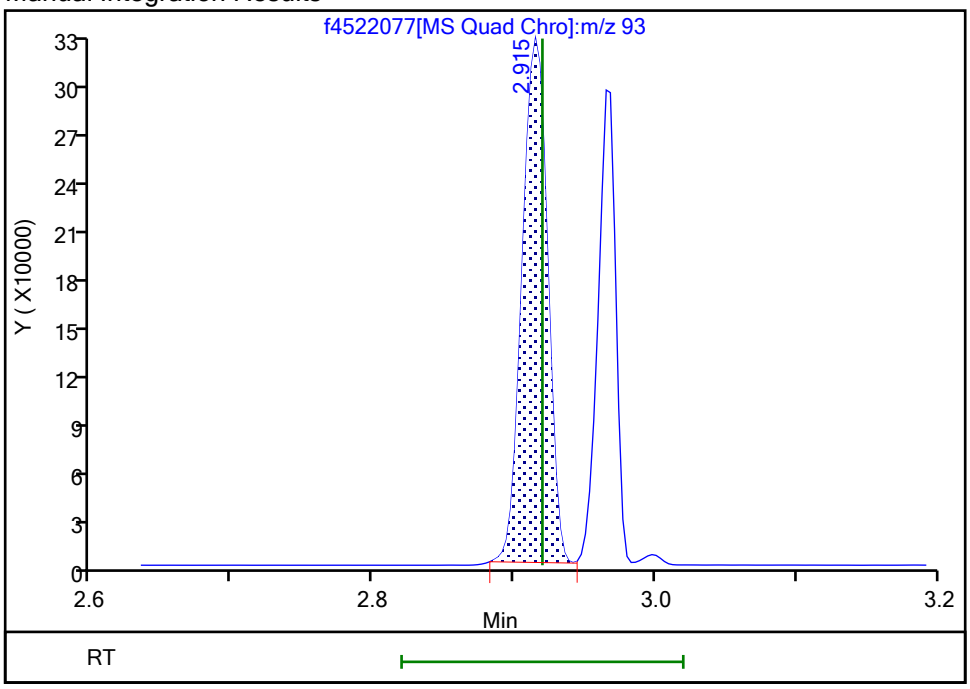
Not Detected
Expected RT: 2.92

Processing Integration Results



Manual Integration Results

RT: 2.91
Area: 403424
Amount: 78.710863
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 09:49:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

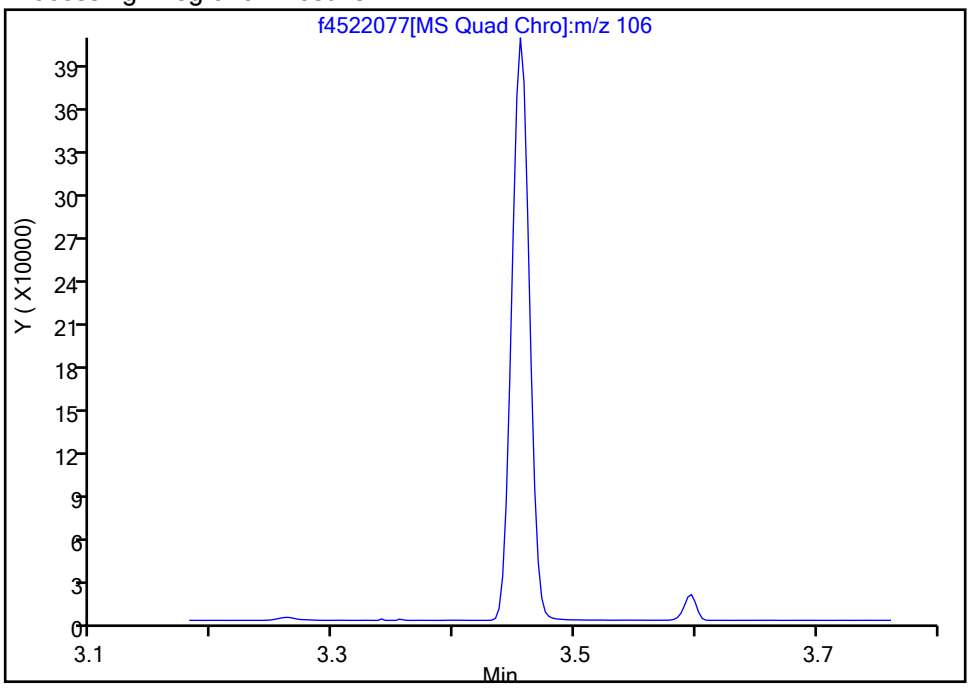
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522077.D				
Injection Date:	02-Apr-2021 09:14:15	Instrument ID:	CBNAMS15		
Lims ID:	STD80				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

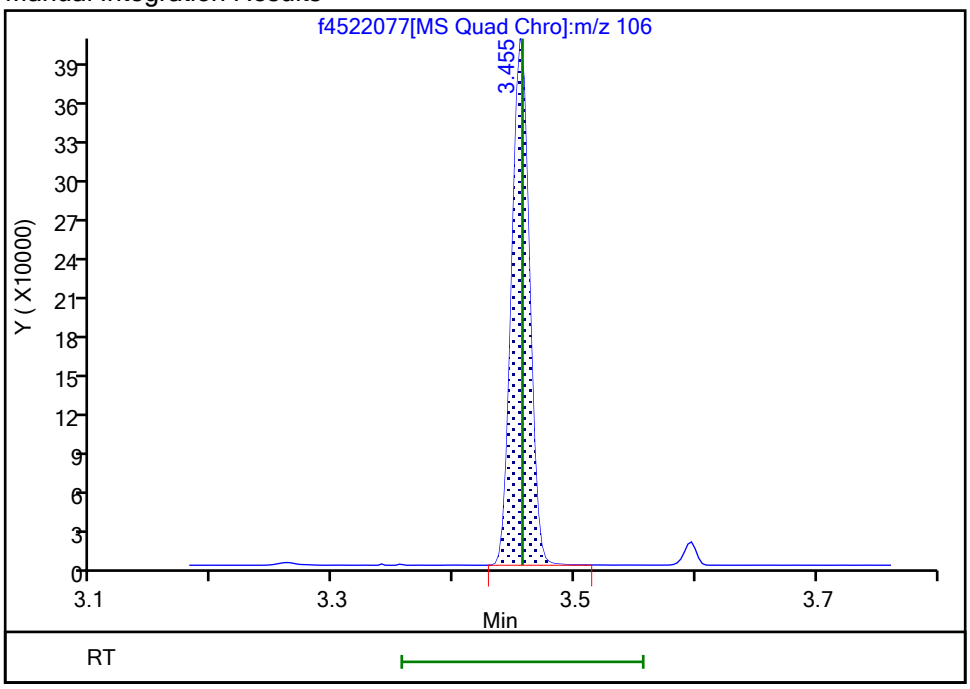
Not Detected
Expected RT: 3.46

Processing Integration Results



Manual Integration Results

RT: 3.45
Area: 409870
Amount: 80.362877
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 09:49:42
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

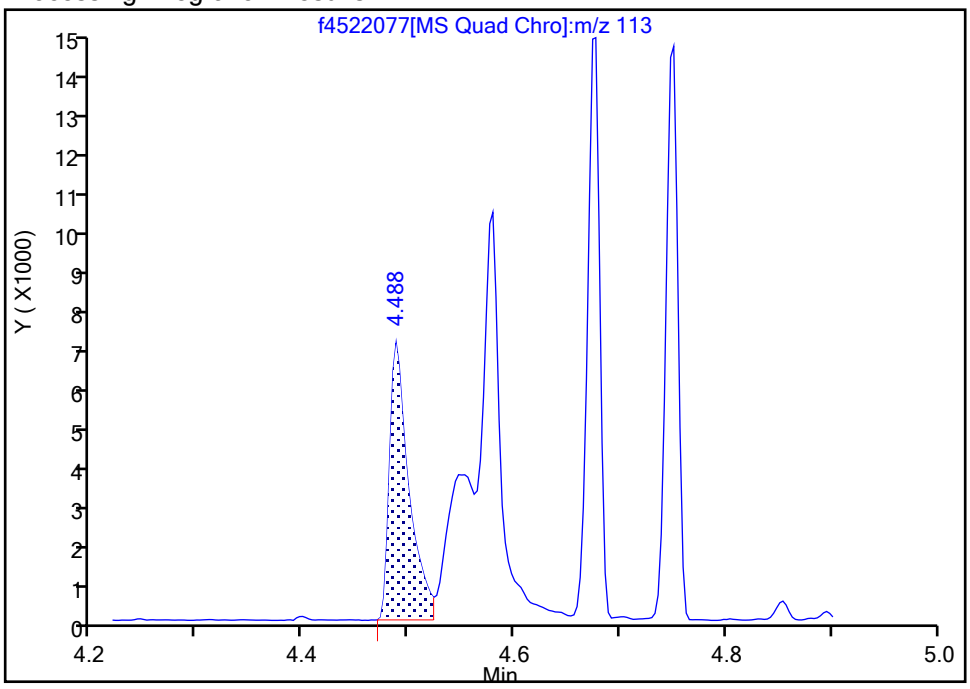
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522077.D
Injection Date: 02-Apr-2021 09:14:15 Instrument ID: CBNAMS15
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

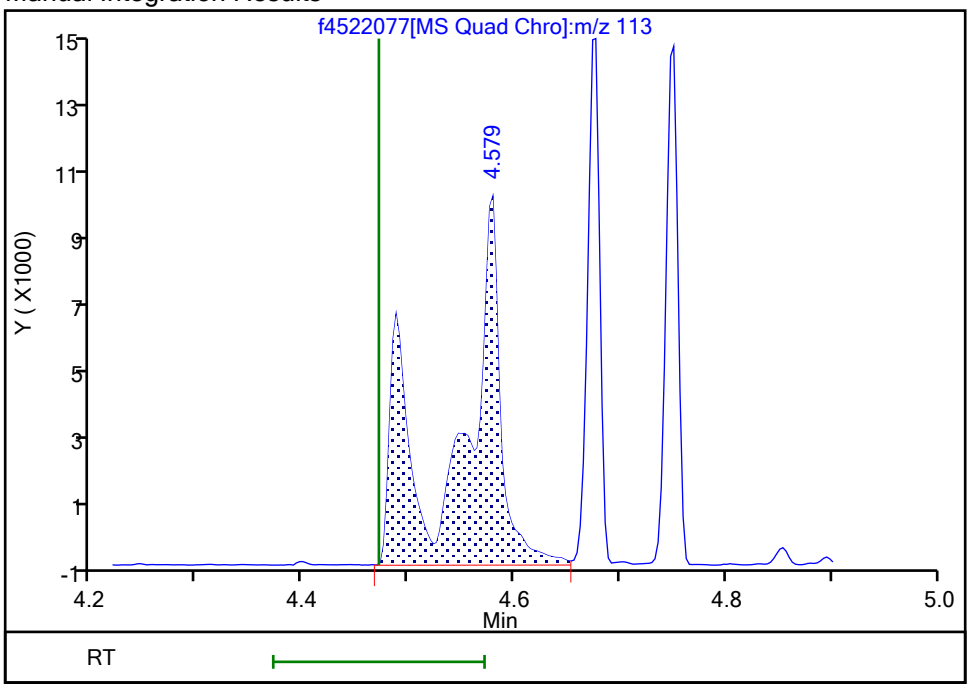
Processing Integration Results

RT: 4.49
Area: 9077
Amount: 10.904714
Amount Units: ug/ml



Manual Integration Results

RT: 4.58
Area: 28144
Amount: 25.661248
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 09:53:30
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

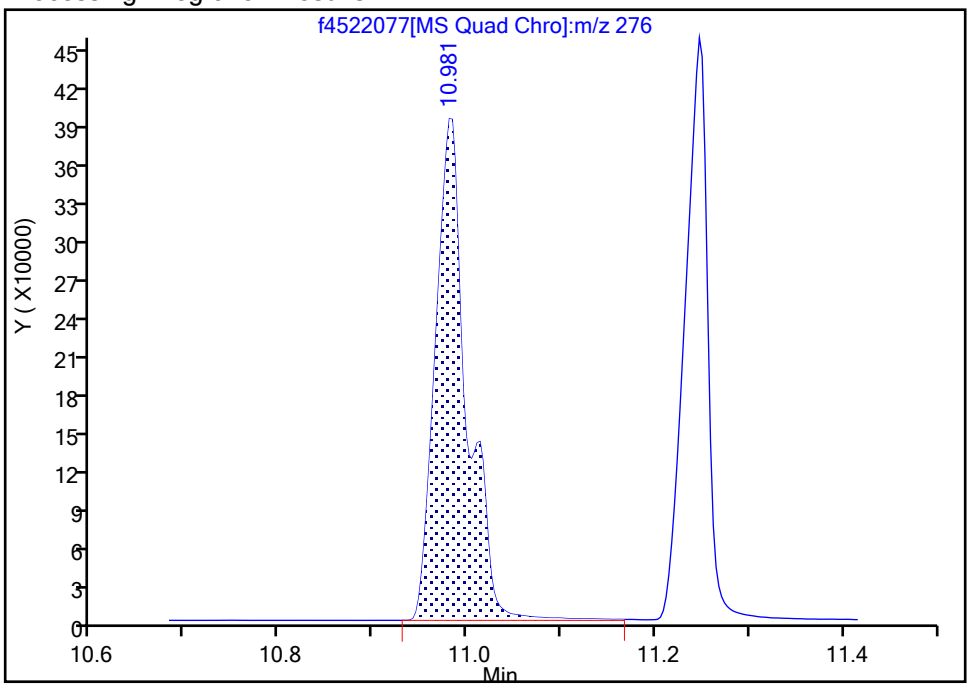
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522077.D				
Injection Date:	02-Apr-2021 09:14:15	Instrument ID:	CBNAMS15		
Lims ID:	STD80				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

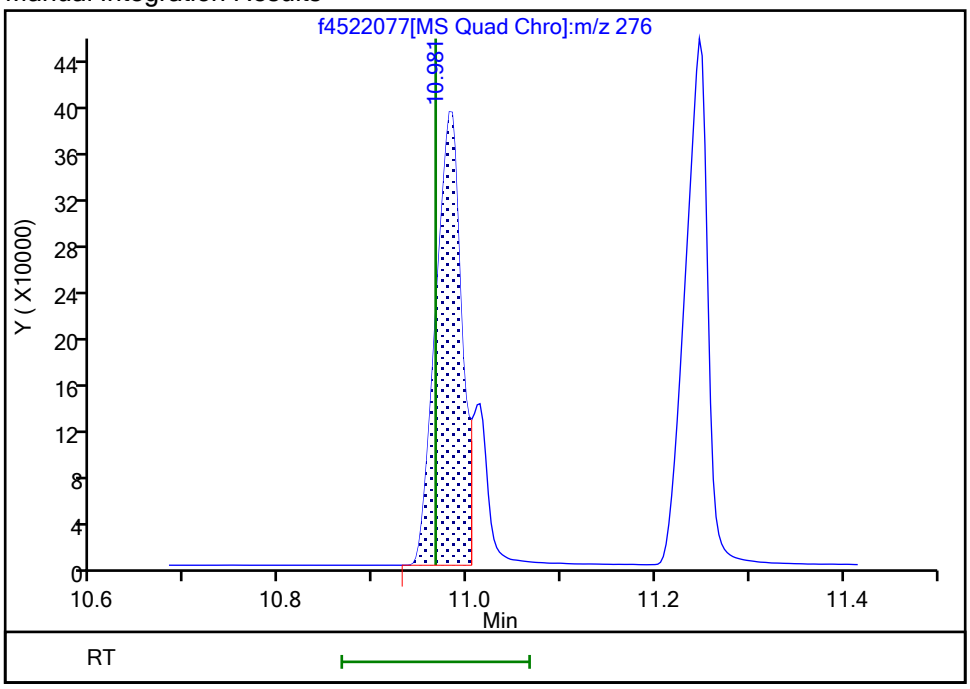
Processing Integration Results

RT: 10.98
Area: 918589
Amount: 87.272848
Amount Units: ug/ml



Manual Integration Results

RT: 10.98
Area: 762333
Amount: 95.001195
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 09:50:17

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522078.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 02-Apr-2021 09:31:24 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126431-005
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Apr-2021 11:49:04 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: johnstonm1 Date: 02-Apr-2021 09:51:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.493	1.499	-0.006	93	28042	20.0	20.0	
2 N-Nitrosodimethylamine	74	1.608	1.614	-0.006	80	39677	20.0	19.7	
3 Pyridine	79	1.629	1.634	-0.005	81	143863	40.0	40.5	
$ 5 2-Fluorophenol	112	2.257	2.265	-0.008	86	55958	20.0	19.1	
7 Benzaldehyde	77	2.832	2.843	-0.011	85	38137	16.0	13.5	
$ 8 Phenol-d5	99	2.874	2.887	-0.013	99	76387	20.0	19.2	
9 Phenol	94	2.886	2.896	-0.010	95	81897	20.0	19.3	
10 Aniline	93	2.909	2.920	-0.011	68	99875	20.0	19.5	
11 Bis(2-chloroethyl)ether	93	2.959	2.970	-0.011	88	65442	20.0	20.3	
12 2-Chlorophenol	128	2.992	3.002	-0.010	58	56643	20.0	20.0	
13 n-Decane	43	3.039	3.046	-0.007	92	94450	20.0	20.1	
14 1,3-Dichlorobenzene	146	3.107	3.114	-0.007	88	61500	20.0	19.8	
* 15 1,4-Dichlorobenzene-d4	152	3.151	3.159	-0.008	97	78685	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.163	3.170	-0.007	81	62215	20.0	19.8	
17 Benzyl alcohol	108	3.254	3.265	-0.011	87	38898	20.0	19.6	
18 1,2-Dichlorobenzene	146	3.275	3.282	-0.007	87	58449	20.0	19.8	
19 2-Methylphenol	108	3.340	3.350	-0.010	77	55997	20.0	19.7	
20 2,2'-oxybis[1-chloropropane]	45	3.363	3.371	-0.008	53	118987	20.0	19.7	
130 N-Methylaniline	106	3.449	3.457	-0.008	87	101738	20.0	19.9	
21 Acetophenone	105	3.455	3.465	-0.010	84	93489	20.0	19.7	
22 4-Methylphenol	108	3.461	3.474	-0.013	73	66481	20.0	20.2	
23 3 & 4 Methylphenol	108	3.461	3.474	-0.013	76	66481	20.0	20.2	a
24 N-Nitrosodi-n-propylamine	70	3.461	3.474	-0.013	86	49388	20.0	20.7	
25 Hexachloroethane	117	3.529	3.536	-0.007	90	27084	20.0	19.6	
$ 26 Nitrobenzene-d5	82	3.567	3.578	-0.011	93	75652	20.0	19.1	
27 Nitrobenzene	123	3.582	3.592	-0.010	87	28500	20.0	20.6	
28 n,n'-Dimethylaniline	120	3.588	3.598	-0.010	79	88336	20.0	19.7	
29 Isophorone	82	3.771	3.781	-0.010	98	136722	20.0	20.2	
30 2-Nitrophenol	139	3.827	3.834	-0.007	68	28680	20.0	19.7	
31 2,4-Dimethylphenol	122	3.874	3.881	-0.007	85	50268	20.0	19.9	
32 Bis(2-chloroethoxy)methane	93	3.951	3.958	-0.007	94	82879	20.0	20.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	3.951	3.988	-0.037	40	33643	20.0	21.5	
34 2,4-Dichlorophenol	162	4.013	4.020	-0.007	86	46027	20.0	20.6	
35 1,2,4-Trichlorobenzene	180	4.078	4.085	-0.007	91	48426	20.0	19.8	
* 36 Naphthalene-d8	136	4.119	4.126	-0.007	99	300632	40.0	40.0	
37 Naphthalene	128	4.137	4.141	-0.004	97	164455	20.0	20.0	
38 4-Chloroaniline	127	4.184	4.191	-0.007	87	68815	20.0	19.9	
39 Hexachlorobutadiene	225	4.240	4.244	-0.004	90	28442	20.0	20.1	
40 Caprolactam	113	4.453	4.472	-0.019	86	13906	16.0	15.3	
41 4-Chloro-3-methylphenol	107	4.574	4.578	-0.004	94	55728	20.0	19.8	
42 2-Methylnaphthalene	142	4.671	4.675	-0.004	80	109307	20.0	20.0	
43 1-Methylnaphthalene	142	4.745	4.749	-0.004	89	101674	20.0	19.8	
44 Hexachlorocyclopentadiene	237	4.795	4.799	-0.004	78	29628	20.0	18.9	
45 1,2,4,5-Tetrachlorobenzene	216	4.801	4.805	-0.004	93	49487	20.0	20.1	
46 2-tertbutyl-4-methylphenol	149	4.848	4.852	-0.004	85	66433	20.0	19.5	
47 2,4,6-Trichlorophenol	196	4.892	4.896	-0.004	81	32823	20.0	20.3	
48 2,4,5-Trichlorophenol	196	4.919	4.923	-0.004	88	36106	20.0	19.8	
$ 50 2-Fluorobiphenyl	172	4.960	4.964	-0.004	96	111652	20.0	18.7	
51 1,1'-Biphenyl	154	5.034	5.038	-0.004	97	127438	20.0	19.7	
52 2-Chloronaphthalene	162	5.040	5.044	-0.004	79	98469	20.0	20.1	
53 Phenyl ether	170	5.119	5.121	-0.002	87	68665	20.0	20.1	
54 2-Nitroaniline	65	5.125	5.130	-0.005	82	55914	20.0	20.0	
55 1,3-Dimethylnaphthalene	156	5.211	5.215	-0.004	88	76201	20.0	19.6	
57 Coumarin	146	5.279	5.286	-0.007	73	39653	20.0	20.2	
56 Dimethyl phthalate	163	5.282	5.289	-0.007	92	118206	20.0	19.9	
58 2,6-Dinitrotoluene	165	5.320	5.324	-0.004	69	26685	20.0	21.0	
59 Acenaphthylene	152	5.353	5.357	-0.004	95	158100	20.0	20.2	
60 3-Nitroaniline	138	5.438	5.445	-0.007	86	29334	20.0	19.7	
* 61 Acenaphthene-d10	164	5.462	5.463	-0.001	95	157965	40.0	40.0	
62 Acenaphthene	154	5.485	5.490	-0.005	89	93055	20.0	19.8	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.503	5.507	-0.004	94	86981	20.0	19.8	
64 2,4-Dinitrophenol	184	5.521	5.525	-0.004	66	29882	40.0	38.9	
65 4-Nitrophenol	65	5.580	5.590	-0.010	95	64056	40.0	40.9	
66 Dibenzofuran	168	5.618	5.620	-0.002	91	142883	20.0	20.0	
67 2,4-Dinitrotoluene	165	5.618	5.623	-0.005	62	35667	20.0	21.1	
68 2,3,4,6-Tetrachlorophenol	232	5.713	5.717	-0.004	86	31216	20.0	20.5	
69 Diethyl phthalate	149	5.819	5.826	-0.007	96	126089	20.0	20.4	
70 Fluorene	166	5.875	5.876	-0.001	70	116832	20.0	20.0	
71 4-Chlorophenyl phenyl ether	204	5.887	5.888	-0.001	77	54816	20.0	20.2	
72 4-Nitroaniline	138	5.899	5.912	-0.014	67	28795	20.0	19.8	
73 4,6-Dinitro-2-methylphenol	198	5.922	5.930	-0.008	44	37981	40.0	39.4	
74 N-Nitrosodiphenylamine	169	5.975	5.983	-0.008	28	85459	20.0	20.0	
75 1,2-Diphenylhydrazine	77	6.005	6.009	-0.004	25	162447	20.0	20.0	
$ 76 2,4,6-Tribromophenol	330	6.055	6.057	-0.002	95	25578	20.0	19.6	
77 4-Bromophenyl phenyl ether	248	6.250	6.251	-0.001	75	34841	20.0	20.0	
78 Hexachlorobenzene	284	6.282	6.284	-0.002	88	43161	20.0	19.9	
79 Atrazine	200	6.392	6.393	-0.001	81	27157	16.0	16.6	
80 Pentachlorophenol	266	6.436	6.437	-0.001	87	52906	40.0	41.7	
81 Pentachloronitrobenzene	237	6.445	6.446	-0.001	67	16875	20.0	20.1	
82 n-Octadecane	57	6.539	6.541	-0.002	91	131393	20.0	19.7	
* 83 Phenanthrene-d10	188	6.575	6.576	-0.001	98	294199	40.0	40.0	
84 Phenanthrene	178	6.589	6.594	-0.005	99	170752	20.0	19.9	
85 Anthracene	178	6.628	6.632	-0.004	96	176835	20.0	19.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.755	6.756	-0.001	83	162653	20.0	20.1	
88 Di-n-butyl phthalate	149	7.044	7.045	-0.001	99	212711	20.0	20.3	
89 Fluoranthene	202	7.475	7.476	-0.001	97	188785	20.0	20.2	
90 Benzidine	184	7.590	7.592	-0.002	99	72876	20.0	17.1	
91 Pyrene	202	7.640	7.642	-0.002	96	191436	20.0	20.0	
92 Bisphenol-A	213	7.705	7.707	-0.002	96	86200	20.0	20.4	
$ 93 Terphenyl-d14	244	7.776	7.778	-0.002	99	134829	20.0	19.4	
95 Butyl benzyl phthalate	149	8.160	8.162	-0.002	94	91062	20.0	20.1	
97 Carbamazepine	193	8.222	8.227	-0.005	90	84375	20.0	20.5	
99 3,3'-Dichlorobenzidine	252	8.555	8.558	-0.003	98	69534	20.0	19.8	
100 Benzo[a]anthracene	228	8.564	8.563	0.001	99	183571	20.0	20.3	
* 98 Chrysene-d12	240	8.573	8.575	-0.002	98	273395	40.0	40.0	
101 Chrysene	228	8.594	8.596	-0.002	95	180335	20.0	20.0	
102 Bis(2-ethylhexyl) phthalate	149	8.638	8.637	0.001	86	137875	20.0	20.4	
103 Di-n-octyl phthalate	149	9.228	9.228	0.000	96	233298	20.0	20.1	
104 Benzo[b]fluoranthene	252	9.527	9.530	-0.003	96	177240	20.0	20.4	
105 Benzo[k]fluoranthene	252	9.553	9.559	-0.006	97	206820	20.0	21.4	
106 Benzo[a]pyrene	252	9.840	9.843	-0.003	96	164876	20.0	20.9	
* 107 Perylene-d12	264	9.899	9.899	0.000	98	319956	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	10.963	10.966	-0.003	99	170899	20.0	21.5	M
109 Dibenz(a,h)anthracene	278	10.992	10.996	-0.004	95	182973	20.0	21.6	
110 Benzo[g,h,i]perylene	276	11.223	11.229	-0.006	94	184519	20.0	19.7	
S 117 Total Cresols	1				0			39.9	
131 2,6-Dichlorophenol	162	4.190	4.194	-0.004	82	44677	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L6_00002 Amount Added: 1.00 Units: mL

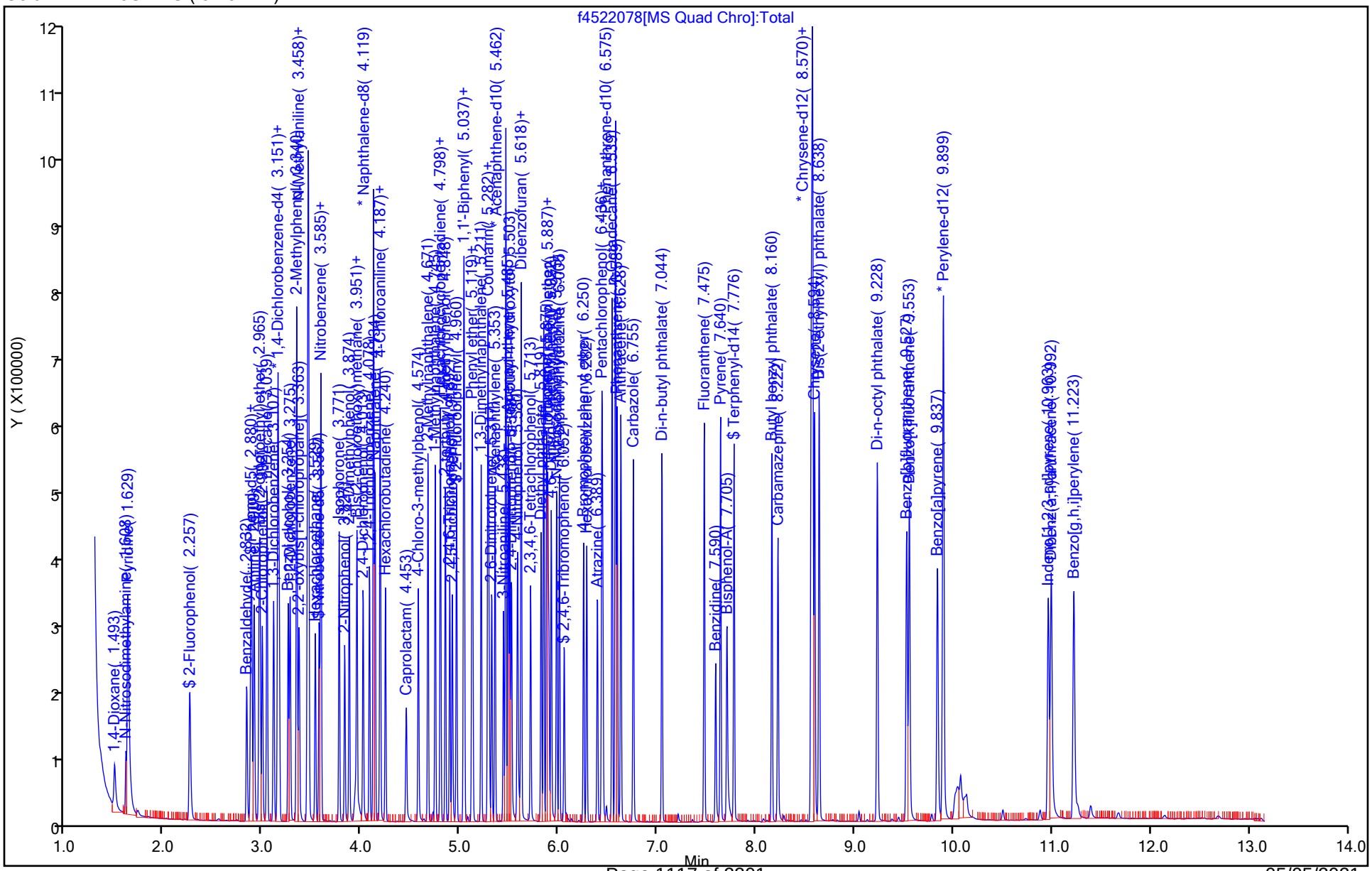
Report Date: 02-Apr-2021 11:49:08 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522078.D

Injection Date:	02-Apr-2021 09:31:24	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

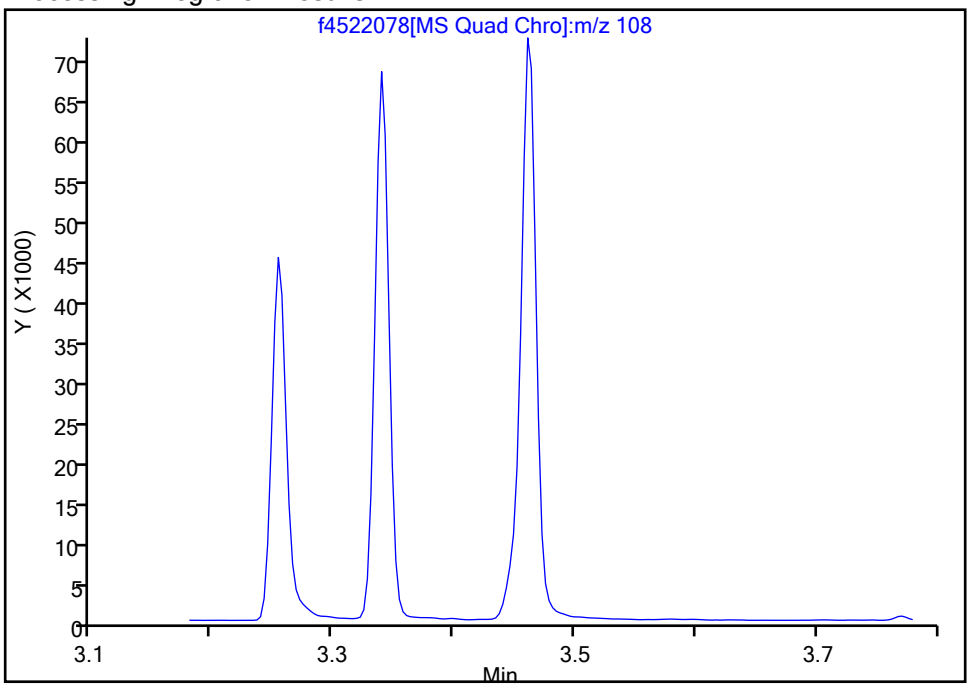
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522078.D				
Injection Date:	02-Apr-2021 09:31:24	Instrument ID:	CBNAMS15		
Lims ID:	STD20				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

23 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

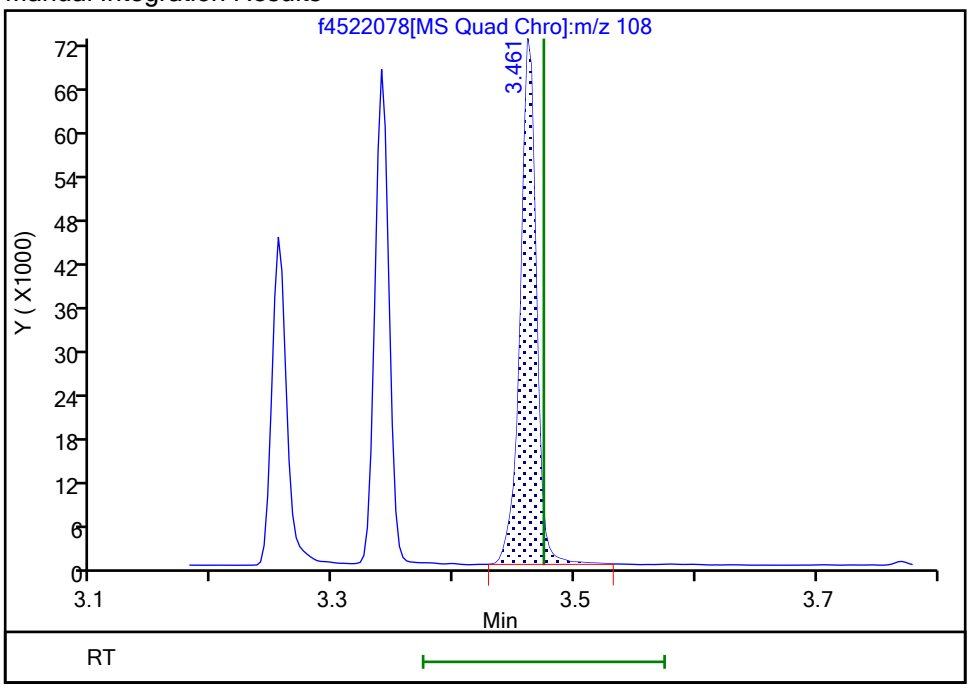
Not Detected
Expected RT: 3.47

Processing Integration Results



Manual Integration Results

RT: 3.46
Area: 66481
Amount: 20.216931
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 09:50:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

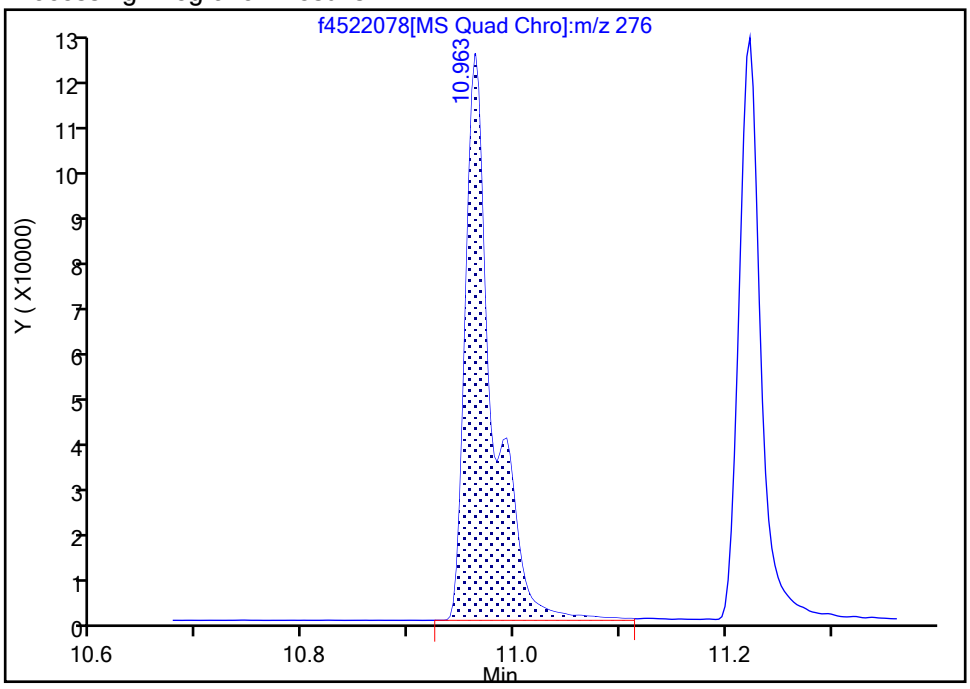
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522078.D				
Injection Date:	02-Apr-2021 09:31:24	Instrument ID:	CBNAMS15		
Lims ID:	STD20				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

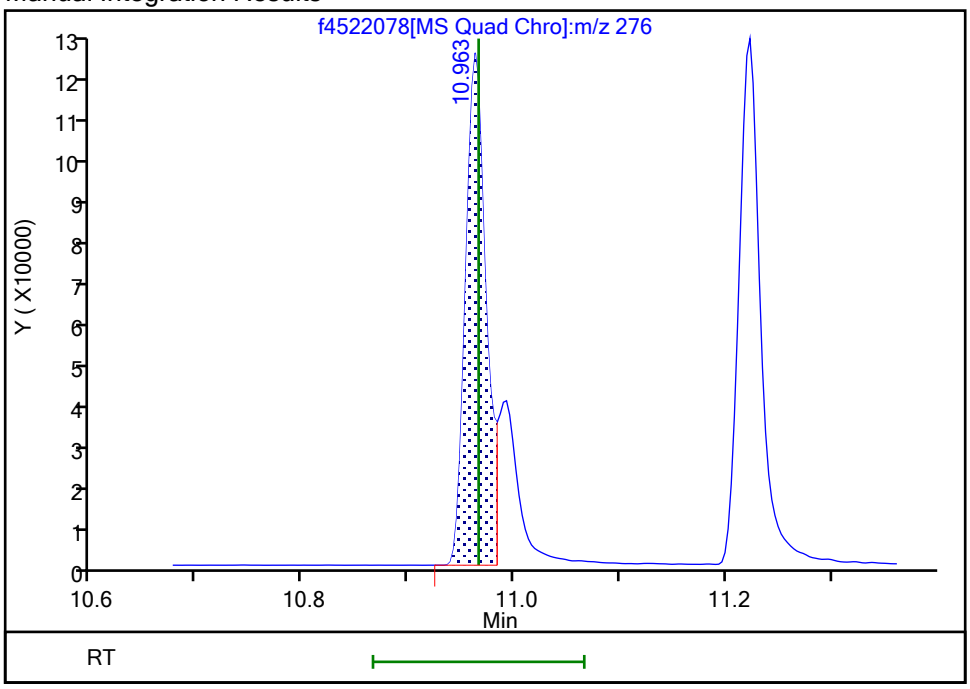
Processing Integration Results

RT: 10.96
Area: 224141
Amount: 22.534583
Amount Units: ug/ml



Manual Integration Results

RT: 10.96
Area: 170899
Amount: 21.491365
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 09:51:19

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522079.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 02-Apr-2021 09:48:33 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126431-006
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Apr-2021 11:49:14 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: johnstonm1 Date: 02-Apr-2021 10:34:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.496	1.499	-0.003	93	15278	10.0	10.8	
2 N-Nitrosodimethylamine	74	1.611	1.614	-0.003	78	20645	10.0	10.2	
3 Pyridine	79	1.629	1.634	-0.005	80	76123	20.0	21.3	
$ 5 2-Fluorophenol	112	2.257	2.265	-0.008	87	29829	10.0	10.1	
7 Benzaldehyde	77	2.832	2.843	-0.011	85	28098	10.0	9.92	
$ 8 Phenol-d5	99	2.873	2.887	-0.014	98	39443	10.0	9.85	
9 Phenol	94	2.882	2.896	-0.014	93	42442	10.0	9.93	
10 Aniline	93	2.906	2.920	-0.014	1	53330	10.0	10.3	
11 Bis(2-chloroethyl)ether	93	2.956	2.970	-0.014	87	35215	10.0	10.9	
12 2-Chlorophenol	128	2.991	3.002	-0.011	69	29750	10.0	10.4	
13 n-Decane	43	3.039	3.046	-0.007	92	49503	10.0	10.5	
14 1,3-Dichlorobenzene	146	3.106	3.114	-0.008	89	33417	10.0	10.7	
* 15 1,4-Dichlorobenzene-d4	152	3.151	3.159	-0.008	97	79065	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.163	3.170	-0.007	77	32929	10.0	10.4	
17 Benzyl alcohol	108	3.254	3.265	-0.011	87	19839	10.0	9.97	
18 1,2-Dichlorobenzene	146	3.272	3.282	-0.010	86	31176	10.0	10.5	
19 2-Methylphenol	108	3.340	3.350	-0.010	77	28483	10.0	9.98	
20 2,2'-oxybis[1-chloropropane]	45	3.363	3.371	-0.008	54	61618	10.0	10.2	
130 N-Methylaniline	106	3.449	3.457	-0.008	83	51505	10.0	10.0	
21 Acetophenone	105	3.455	3.465	-0.010	83	48988	10.0	10.3	
22 4-Methylphenol	108	3.461	3.474	-0.013	79	33695	10.0	10.2	
23 3 & 4 Methylphenol	108	3.461	3.474	-0.013	72	33695	10.0	10.2	a
24 N-Nitrosodi-n-propylamine	70	3.461	3.474	-0.013	92	25286	10.0	10.5	
25 Hexachloroethane	117	3.528	3.536	-0.008	90	14531	10.0	10.5	
$ 26 Nitrobenzene-d5	82	3.567	3.578	-0.011	92	39352	10.0	9.85	
27 Nitrobenzene	123	3.582	3.592	-0.010	88	15333	10.0	11.0	
28 n,n'-Dimethylaniline	120	3.588	3.598	-0.010	82	44252	10.0	9.83	
29 Isophorone	82	3.771	3.781	-0.011	98	70762	10.0	10.4	
30 2-Nitrophenol	139	3.827	3.834	-0.007	69	15091	10.0	10.3	
31 2,4-Dimethylphenol	122	3.874	3.881	-0.007	86	26635	10.0	10.4	
32 Bis(2-chloroethoxy)methane	93	3.951	3.958	-0.007	93	42703	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	3.930	3.988	-0.058	89	12510	10.0	9.72	M
34 2,4-Dichlorophenol	162	4.013	4.020	-0.007	85	23018	10.0	10.2	
35 1,2,4-Trichlorobenzene	180	4.078	4.085	-0.007	88	25887	10.0	10.5	
* 36 Naphthalene-d8	136	4.119	4.126	-0.007	99	302798	40.0	40.0	
37 Naphthalene	128	4.134	4.141	-0.007	93	86283	10.0	10.4	
38 4-Chloroaniline	127	4.184	4.191	-0.007	87	35766	10.0	10.3	
39 Hexachlorobutadiene	225	4.240	4.244	-0.004	91	15337	10.0	10.8	
40 Caprolactam	113	4.444	4.472	-0.028	86	8439	10.0	10.2	
41 4-Chloro-3-methylphenol	107	4.573	4.578	-0.005	91	28828	10.0	10.2	
42 2-Methylnaphthalene	142	4.671	4.675	-0.004	80	56720	10.0	10.3	
43 1-Methylnaphthalene	142	4.745	4.749	-0.004	90	53593	10.0	10.4	
44 Hexachlorocyclopentadiene	237	4.795	4.799	-0.004	81	14468	10.0	9.12	
45 1,2,4,5-Tetrachlorobenzene	216	4.798	4.805	-0.007	90	25196	10.0	10.1	
46 2-tertbutyl-4-methylphenol	149	4.848	4.852	-0.004	83	33754	10.0	9.83	
47 2,4,6-Trichlorophenol	196	4.892	4.896	-0.004	82	16784	10.0	10.3	
48 2,4,5-Trichlorophenol	196	4.919	4.923	-0.004	81	19064	10.0	10.3	
$ 50 2-Fluorobiphenyl	172	4.960	4.964	-0.004	96	59323	10.0	9.81	
51 1,1'-Biphenyl	154	5.034	5.038	-0.004	97	67491	10.0	10.3	
52 2-Chloronaphthalene	162	5.040	5.044	-0.004	86	51014	10.0	10.3	
53 Phenyl ether	170	5.116	5.121	-0.005	84	33983	10.0	9.87	
54 2-Nitroaniline	65	5.122	5.130	-0.008	69	28845	10.0	10.2	
55 1,3-Dimethylnaphthalene	156	5.211	5.215	-0.004	88	38843	10.0	9.88	
57 Coumarin	146	5.279	5.286	-0.007	80	20219	10.0	10.2	
56 Dimethyl phthalate	163	5.279	5.289	-0.010	92	62926	10.0	10.5	
58 2,6-Dinitrotoluene	165	5.317	5.324	-0.007	64	13612	10.0	10.6	
59 Acenaphthylene	152	5.349	5.357	-0.008	95	81709	10.0	10.4	
60 3-Nitroaniline	138	5.435	5.445	-0.010	87	15614	10.0	10.4	
* 61 Acenaphthene-d10	164	5.462	5.463	-0.001	96	159592	40.0	40.0	
62 Acenaphthene	154	5.485	5.490	-0.005	84	50015	10.0	10.5	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.500	5.507	-0.007	85	44429	10.0	10.0	
64 2,4-Dinitrophenol	184	5.518	5.525	-0.007	66	14104	20.0	19.8	
65 4-Nitrophenol	65	5.580	5.590	-0.010	94	30696	20.0	19.4	
66 Dibenzofuran	168	5.615	5.620	-0.005	92	75258	10.0	10.4	
67 2,4-Dinitrotoluene	165	5.615	5.623	-0.008	61	19082	10.0	11.2	
68 2,3,4,6-Tetrachlorophenol	232	5.713	5.717	-0.004	86	15506	10.0	10.1	
69 Diethyl phthalate	149	5.816	5.826	-0.010	96	66421	10.0	10.6	
70 Fluorene	166	5.872	5.876	-0.004	67	61834	10.0	10.5	
71 4-Chlorophenyl phenyl ether	204	5.887	5.888	-0.001	77	28393	10.0	10.3	
72 4-Nitroaniline	138	5.893	5.912	-0.020	84	15343	10.0	10.4	
73 4,6-Dinitro-2-methylphenol	198	5.919	5.930	-0.011	44	19389	20.0	20.8	
74 N-Nitrosodiphenylamine	169	5.975	5.983	-0.008	20	45652	10.0	10.6	
75 1,2-Diphenylhydrazine	77	6.002	6.009	-0.007	42	86486	10.0	10.6	
$ 76 2,4,6-Tribromophenol	330	6.052	6.057	-0.005	93	13036	10.0	9.89	
77 4-Bromophenyl phenyl ether	248	6.249	6.251	-0.002	75	17748	10.0	10.2	
78 Hexachlorobenzene	284	6.282	6.284	-0.002	89	22755	10.0	10.5	
79 Atrazine	200	6.388	6.393	-0.005	80	16915	10.0	10.3	
80 Pentachlorophenol	266	6.435	6.437	-0.002	86	25772	20.0	20.2	
81 Pentachloronitrobenzene	237	6.444	6.446	-0.002	75	8247	10.0	9.79	
82 n-Octadecane	57	6.539	6.541	-0.002	91	69309	10.0	10.3	
* 83 Phenanthrene-d10	188	6.571	6.576	-0.005	98	295565	40.0	40.0	
84 Phenanthrene	178	6.589	6.594	-0.005	98	91283	10.0	10.6	
85 Anthracene	178	6.627	6.632	-0.005	96	92524	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.754	6.756	-0.002	83	85061	10.0	10.5	
88 Di-n-butyl phthalate	149	7.043	7.045	-0.002	99	111080	10.0	10.5	
89 Fluoranthene	202	7.474	7.476	-0.002	97	96702	10.0	10.3	
90 Benzidine	184	7.589	7.592	-0.003	97	37086	10.0	8.66	
91 Pyrene	202	7.640	7.642	-0.002	96	102312	10.0	10.7	
92 Bisphenol-A	213	7.705	7.707	-0.002	96	43248	10.0	10.3	
$ 93 Terphenyl-d14	244	7.775	7.778	-0.003	98	68887	10.0	9.95	
95 Butyl benzyl phthalate	149	8.159	8.162	-0.003	94	47463	10.0	10.5	
97 Carbamazepine	193	8.218	8.227	-0.009	90	40864	10.0	9.98	
99 3,3'-Dichlorobenzidine	252	8.555	8.558	-0.003	98	36928	10.0	10.5	
100 Benzo[a]anthracene	228	8.564	8.563	0.001	100	95431	10.0	10.6	
* 98 Chrysene-d12	240	8.573	8.575	-0.002	98	272103	40.0	40.0	
101 Chrysene	228	8.590	8.596	-0.006	85	96537	10.0	10.7	
102 Bis(2-ethylhexyl) phthalate	149	8.638	8.637	0.001	87	70696	10.0	10.5	
103 Di-n-octyl phthalate	149	9.228	9.228	0.000	95	118449	10.0	10.3	
104 Benzo[b]fluoranthene	252	9.524	9.530	-0.006	96	92649	10.0	10.7	
105 Benzo[k]fluoranthene	252	9.550	9.559	-0.009	98	104613	10.0	10.9	
106 Benzo[a]pyrene	252	9.837	9.843	-0.006	96	85321	10.0	10.9	
* 107 Perylene-d12	264	9.899	9.899	0.000	98	317718	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	10.962	10.966	-0.004	96	83577	10.0	10.6	M
109 Dibenz(a,h)anthracene	278	10.992	10.996	-0.004	42	89602	10.0	10.6	
110 Benzo[g,h,i]perylene	276	11.219	11.229	-0.010	92	95423	10.0	10.2	
S 117 Total Cresols	1				0			20.2	
131 2,6-Dichlorophenol	162	4.187	4.194	-0.007	78	23171	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L5_00002 Amount Added: 1.00 Units: mL

Report Date: 02-Apr-2021 11:49:18 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522079.D

Injection Date: 02-Apr-2021 09:48:33 Instrument ID: CBNAMS15 Operator ID:

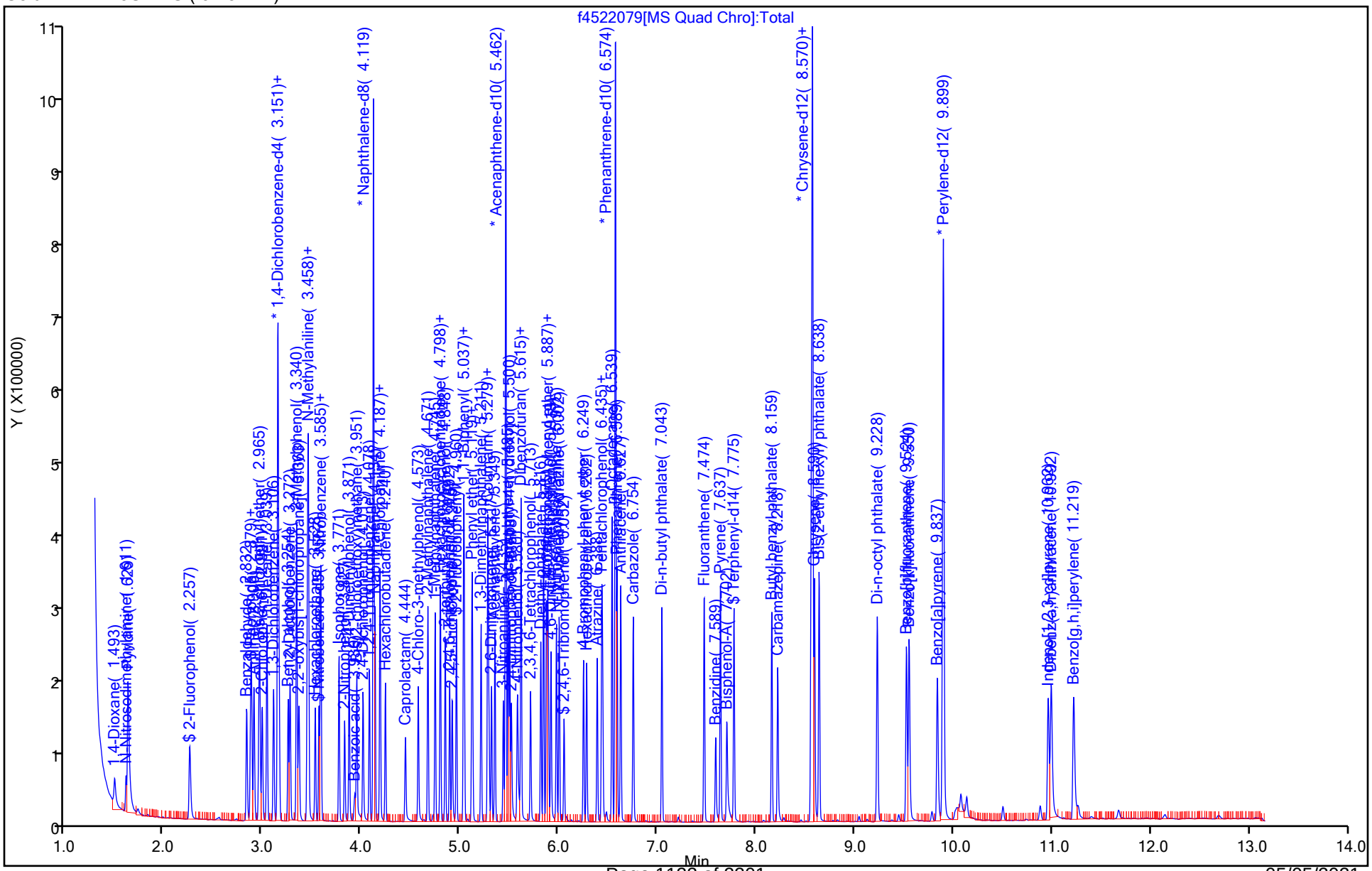
Lims ID: STD10 Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

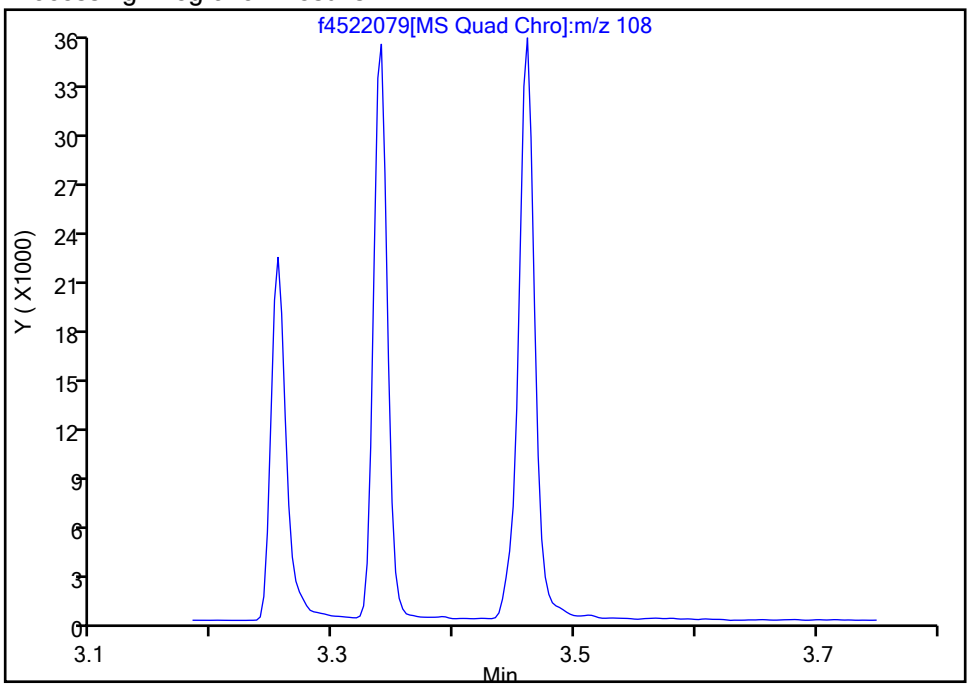
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522079.D				
Injection Date:	02-Apr-2021 09:48:33	Instrument ID:	CBNAMS15		
Lims ID:	STD10				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

23 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

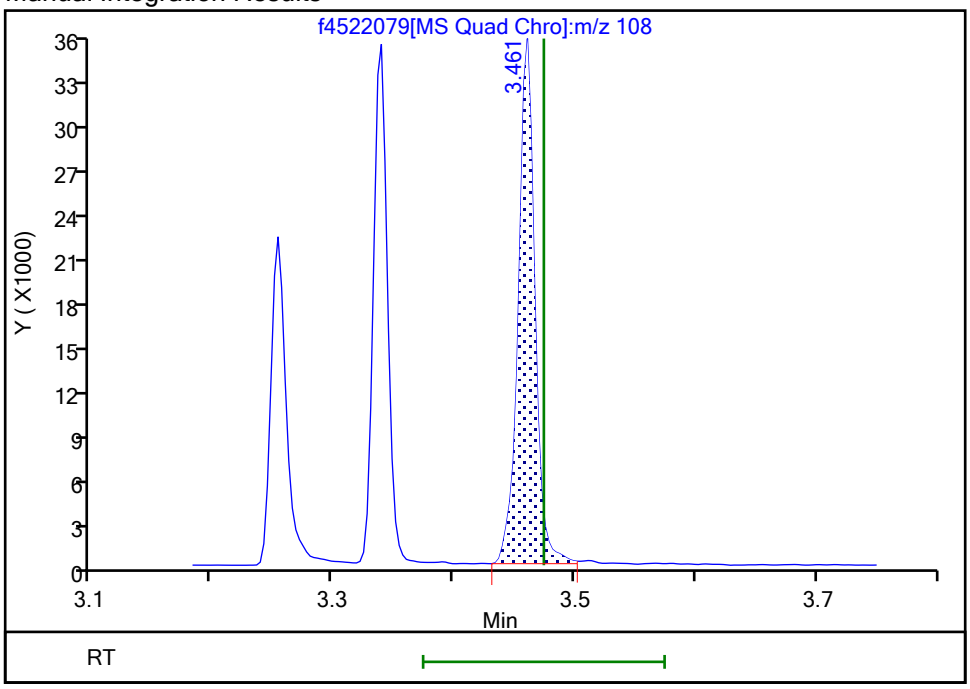
Not Detected
Expected RT: 3.47

Processing Integration Results



Manual Integration Results

RT: 3.46
Area: 33695
Amount: 10.197432
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 10:32:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

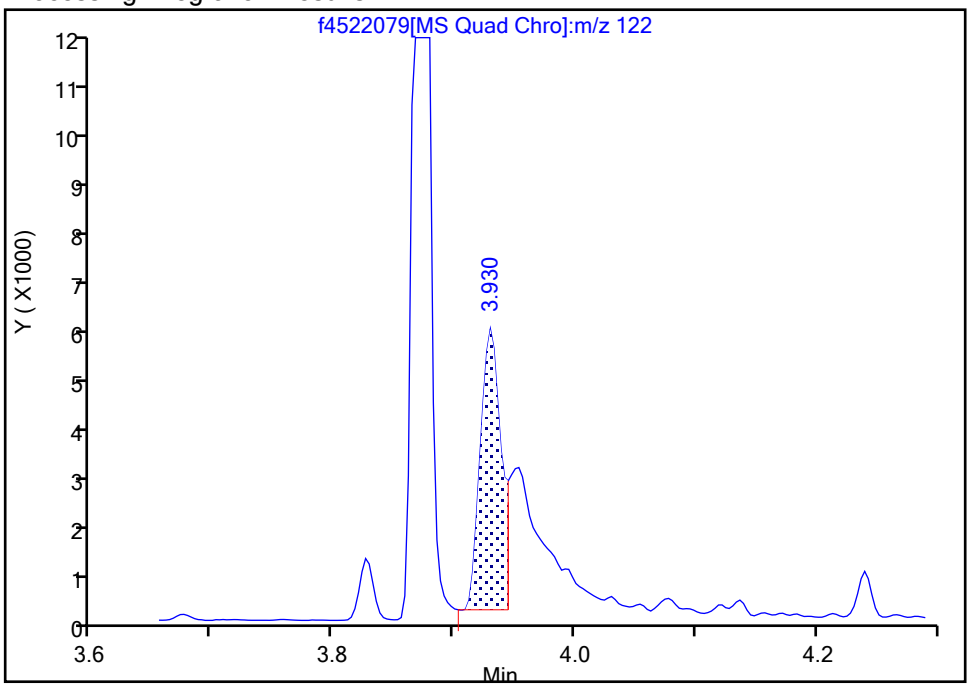
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522079.D
Injection Date: 02-Apr-2021 09:48:33 Instrument ID: CBNAMS15
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

33 Benzoic acid, CAS: 65-85-0

Signal: 1

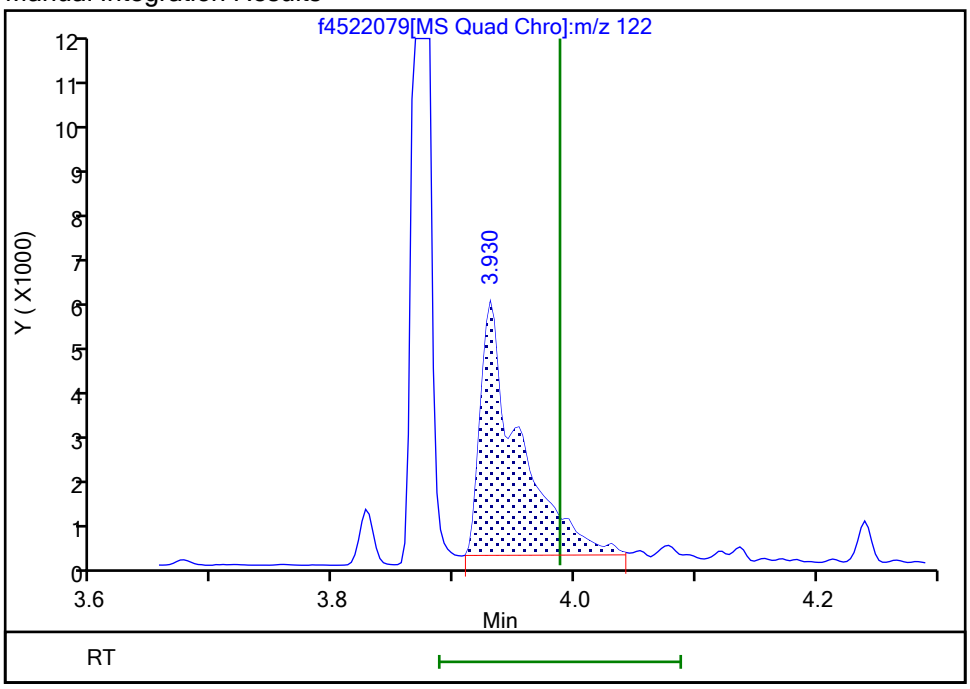
Processing Integration Results

RT: 3.93
Area: 6841
Amount: 7.294784
Amount Units: ug/ml



Manual Integration Results

RT: 3.93
Area: 12510
Amount: 9.716483
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 10:33:52
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

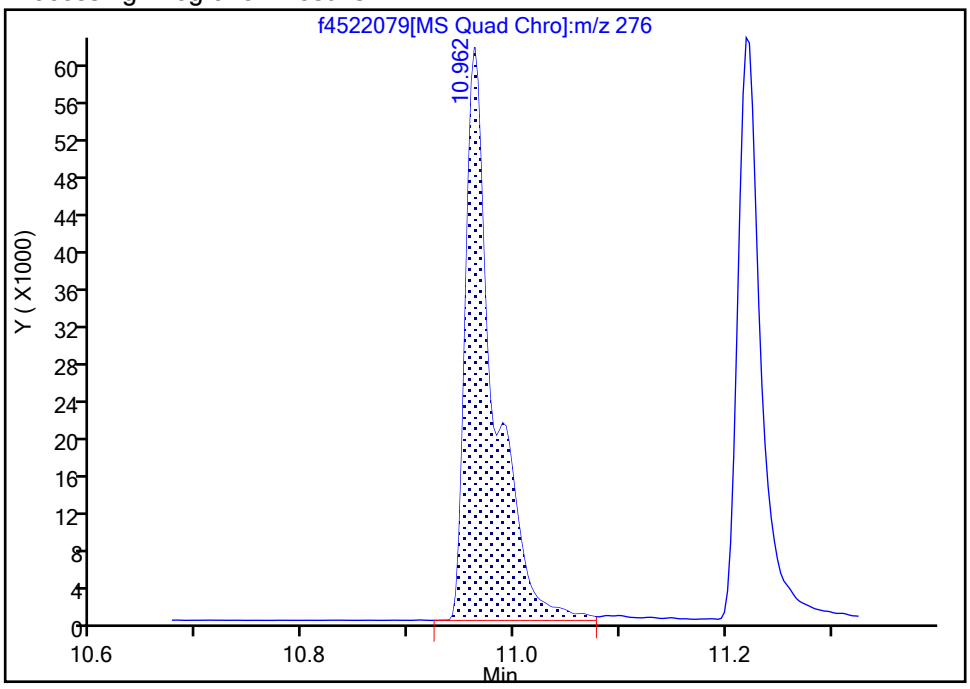
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522079.D				
Injection Date:	02-Apr-2021 09:48:33	Instrument ID:	CBNAMS15		
Lims ID:	STD10				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

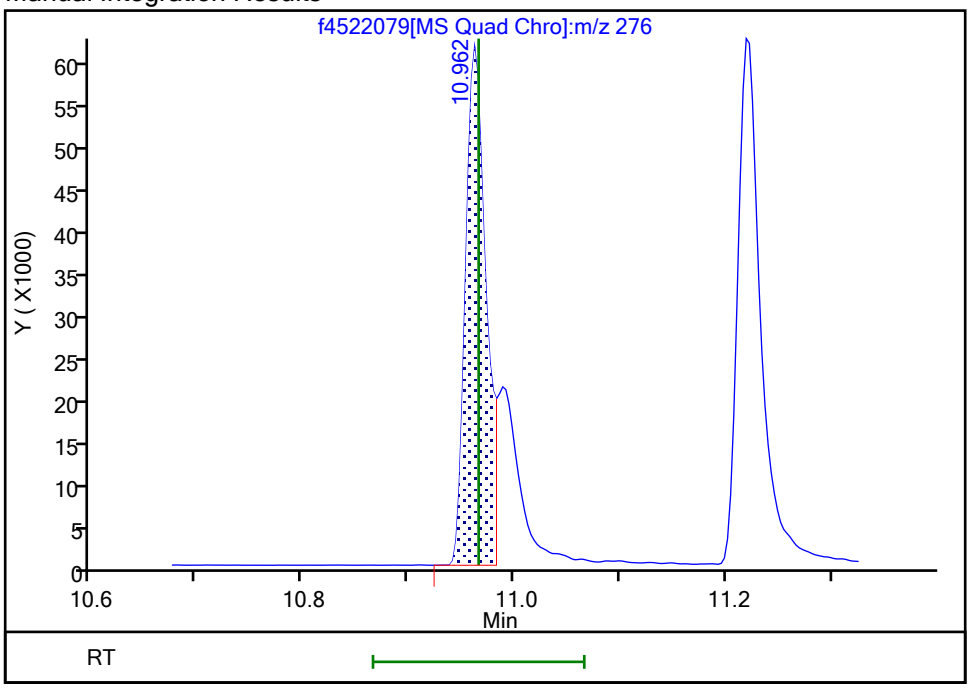
Processing Integration Results

RT: 10.96
Area: 113955
Amount: 11.572086
Amount Units: ug/ml



Manual Integration Results

RT: 10.96
Area: 83577
Amount: 10.584240
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 10:33:18

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522080.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 02-Apr-2021 10:05:44 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126431-007
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Apr-2021 11:49:24 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: johnstonm1 Date: 02-Apr-2021 10:35:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.493	1.499	-0.006	93	7534	5.00	5.52	
2 N-Nitrosodimethylamine	74	1.611	1.614	-0.003	80	9803	5.00	5.01	
3 Pyridine	79	1.632	1.634	-0.002	80	35240	10.0	10.2	
$ 5 2-Fluorophenol	112	2.257	2.265	-0.008	85	14179	5.00	4.97	
7 Benzaldehyde	77	2.832	2.843	-0.011	87	14747	5.00	5.38	
$ 8 Phenol-d5	99	2.874	2.887	-0.013	93	19371	5.00	5.00	
9 Phenol	94	2.882	2.896	-0.014	96	20215	5.00	4.89	
10 Aniline	93	2.906	2.920	-0.014	9	25447	5.00	5.10	a
11 Bis(2-chloroethyl)ether	93	2.956	2.970	-0.014	87	16642	5.00	5.31	
12 2-Chlorophenol	128	2.992	3.002	-0.010	57	13759	5.00	4.98	
13 n-Decane	43	3.039	3.046	-0.007	92	23387	5.00	5.13	
14 1,3-Dichlorobenzene	146	3.107	3.114	-0.007	88	15424	5.00	5.10	
* 15 1,4-Dichlorobenzene-d4	152	3.148	3.159	-0.011	98	76512	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.163	3.170	-0.007	87	15918	5.00	5.21	
17 Benzyl alcohol	108	3.254	3.265	-0.011	88	9181	5.00	4.77	
18 1,2-Dichlorobenzene	146	3.272	3.282	-0.010	85	14733	5.00	5.12	
19 2-Methylphenol	108	3.340	3.350	-0.010	77	14352	5.00	5.20	
20 2,2'-oxybis[1-chloropropane]	45	3.363	3.371	-0.008	51	29997	5.00	5.12	
130 N-Methylaniline	106	3.446	3.457	-0.011	91	24181	5.00	4.87	a
21 Acetophenone	105	3.455	3.465	-0.010	84	24086	5.00	5.22	
22 4-Methylphenol	108	3.461	3.474	-0.013	78	15912	5.00	4.98	
23 3 & 4 Methylphenol	108	3.461	3.474	-0.013	74	15912	5.00	4.98	a
24 N-Nitrosodi-n-propylamine	70	3.458	3.474	-0.016	82	12196	5.00	5.24	
25 Hexachloroethane	117	3.529	3.536	-0.007	88	7039	5.00	5.24	
$ 26 Nitrobenzene-d5	82	3.567	3.578	-0.011	94	19217	5.00	4.88	
27 Nitrobenzene	123	3.582	3.592	-0.010	87	6933	5.00	5.16	
28 n,n'-Dimethylaniline	120	3.588	3.598	-0.010	85	22534	5.00	5.17	
29 Isophorone	82	3.768	3.781	-0.013	98	33852	5.00	5.04	
30 2-Nitrophenol	139	3.827	3.834	-0.007	72	7138	5.00	4.95	
31 2,4-Dimethylphenol	122	3.871	3.881	-0.010	85	12399	5.00	4.94	
32 Bis(2-chloroethoxy)methane	93	3.951	3.958	-0.007	94	20728	5.00	5.06	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	3.945	3.988	-0.043	43	3866	5.00	5.00	
34 2,4-Dichlorophenol	162	4.013	4.020	-0.007	84	10918	5.00	4.93	
35 1,2,4-Trichlorobenzene	180	4.078	4.085	-0.007	92	12763	5.00	5.26	
* 36 Naphthalene-d8	136	4.119	4.126	-0.007	99	298163	40.0	40.0	
37 Naphthalene	128	4.134	4.141	-0.007	97	42235	5.00	5.18	
38 4-Chloroaniline	127	4.184	4.191	-0.007	86	17836	5.00	5.21	
39 Hexachlorobutadiene	225	4.240	4.244	-0.004	88	7083	5.00	5.06	
40 Caprolactam	113	4.435	4.472	-0.037	85	3669	5.00	5.17	
41 4-Chloro-3-methylphenol	107	4.573	4.578	-0.005	95	13620	5.00	4.87	
42 2-Methylnaphthalene	142	4.671	4.675	-0.004	81	27688	5.00	5.10	
43 1-Methylnaphthalene	142	4.744	4.749	-0.005	89	26131	5.00	5.14	
44 Hexachlorocyclopentadiene	237	4.795	4.799	-0.004	79	7229	5.00	4.62	
45 1,2,4,5-Tetrachlorobenzene	216	4.798	4.805	-0.007	90	12559	5.00	5.13	
46 2-tertbutyl-4-methylphenol	149	4.848	4.852	-0.004	86	17426	5.00	5.16	
47 2,4,6-Trichlorophenol	196	4.892	4.896	-0.004	80	8011	5.00	4.97	
48 2,4,5-Trichlorophenol	196	4.918	4.923	-0.005	75	9267	5.00	5.09	
$ 50 2-Fluorobiphenyl	172	4.960	4.964	-0.004	96	29804	5.00	5.00	
51 1,1'-Biphenyl	154	5.034	5.038	-0.004	97	33150	5.00	5.16	
52 2-Chloronaphthalene	162	5.040	5.044	-0.004	89	25646	5.00	5.25	
53 Phenyl ether	170	5.116	5.121	-0.005	84	16638	5.00	4.91	
54 2-Nitroaniline	65	5.122	5.130	-0.008	69	13476	5.00	4.85	
55 1,3-Dimethylnaphthalene	156	5.211	5.215	-0.004	88	19287	5.00	4.98	
57 Coumarin	146	5.276	5.286	-0.010	79	9509	5.00	4.88	
56 Dimethyl phthalate	163	5.279	5.289	-0.010	93	30923	5.00	5.23	
58 2,6-Dinitrotoluene	165	5.314	5.324	-0.010	56	6269	5.00	4.97	
59 Acenaphthylene	152	5.350	5.357	-0.007	96	38831	5.00	5.00	
60 3-Nitroaniline	138	5.435	5.445	-0.010	85	7291	5.00	4.92	
* 61 Acenaphthene-d10	164	5.462	5.463	-0.001	97	157225	40.0	40.0	
62 Acenaphthene	154	5.482	5.490	-0.008	71	23943	5.00	5.11	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.500	5.507	-0.007	83	21883	5.00	5.01	
64 2,4-Dinitrophenol	184	5.518	5.525	-0.007	52	5521	10.0	9.76	
65 4-Nitrophenol	65	5.583	5.590	-0.007	94	12982	10.0	8.34	
66 Dibenzofuran	168	5.615	5.620	-0.005	90	37209	5.00	5.22	
67 2,4-Dinitrotoluene	165	5.615	5.623	-0.008	60	8522	5.00	5.07	
68 2,3,4,6-Tetrachlorophenol	232	5.713	5.717	-0.004	86	7564	5.00	4.99	
69 Diethyl phthalate	149	5.813	5.826	-0.013	95	30703	5.00	4.99	
70 Fluorene	166	5.872	5.876	-0.004	68	30391	5.00	5.22	
71 4-Chlorophenyl phenyl ether	204	5.884	5.888	-0.004	75	14012	5.00	5.18	
72 4-Nitroaniline	138	5.893	5.912	-0.019	86	7130	5.00	4.92	
73 4,6-Dinitro-2-methylphenol	198	5.919	5.930	-0.011	41	7654	10.0	9.34	
74 N-Nitrosodiphenylamine	169	5.972	5.983	-0.011	18	21767	5.00	5.17	
75 1,2-Diphenylhydrazine	77	6.002	6.009	-0.007	26	40882	5.00	5.11	
$ 76 2,4,6-Tribromophenol	330	6.052	6.057	-0.005	90	6384	5.00	4.92	
77 4-Bromophenyl phenyl ether	248	6.250	6.251	-0.001	76	8804	5.00	5.15	
78 Hexachlorobenzene	284	6.279	6.284	-0.005	87	10805	5.00	5.07	
79 Atrazine	200	6.389	6.393	-0.004	81	8289	5.00	5.16	
80 Pentachlorophenol	266	6.436	6.437	-0.001	86	11430	10.0	9.17	
81 Pentachloronitrobenzene	237	6.442	6.446	-0.004	61	4036	5.00	4.89	
82 n-Octadecane	57	6.539	6.541	-0.002	91	32777	5.00	5.00	
* 83 Phenanthrene-d10	188	6.572	6.576	-0.004	98	289246	40.0	40.0	
84 Phenanthrene	178	6.589	6.594	-0.005	99	44015	5.00	5.21	
85 Anthracene	178	6.625	6.632	-0.007	97	45409	5.00	5.20	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.755	6.756	-0.001	83	40260	5.00	5.07	
88 Di-n-butyl phthalate	149	7.044	7.045	-0.001	99	51728	5.00	5.01	
89 Fluoranthene	202	7.472	7.476	-0.004	95	46635	5.00	5.07	
90 Benzidine	184	7.590	7.592	-0.002	99	20831	5.00	4.97	
91 Pyrene	202	7.637	7.642	-0.005	96	48542	5.00	5.18	
92 Bisphenol-A	213	7.705	7.707	-0.002	95	19248	5.00	4.65	
$ 93 Terphenyl-d14	244	7.776	7.778	-0.002	97	34431	5.00	5.05	
95 Butyl benzyl phthalate	149	8.159	8.162	-0.003	95	22240	5.00	5.01	
97 Carbamazepine	193	8.218	8.227	-0.009	91	18778	5.00	4.66	
99 3,3'-Dichlorobenzidine	252	8.558	8.558	0.000	91	17156	5.00	4.97	
100 Benzo[a]anthracene	228	8.564	8.563	0.001	75	45011	5.00	5.07	
* 98 Chrysene-d12	240	8.570	8.575	-0.005	98	267937	40.0	40.0	
101 Chrysene	228	8.590	8.596	-0.006	92	46731	5.00	5.28	
102 Bis(2-ethylhexyl) phthalate	149	8.638	8.637	0.001	87	33166	5.00	5.00	
103 Di-n-octyl phthalate	149	9.228	9.228	0.000	95	54770	5.00	4.74	
104 Benzo[b]fluoranthene	252	9.523	9.530	-0.007	96	42045	5.00	4.87	
105 Benzo[k]fluoranthene	252	9.550	9.559	-0.009	93	49300	5.00	5.14	
106 Benzo[a]pyrene	252	9.839	9.843	-0.004	96	39076	5.00	4.98	
* 107 Perylene-d12	264	9.898	9.899	-0.001	99	318318	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	10.965	10.966	-0.001	99	36721	5.00	4.64	M
109 Dibenz(a,h)anthracene	278	10.994	10.996	-0.002	43	38896	5.00	4.61	
110 Benzo[g,h,i]perylene	276	11.222	11.229	-0.007	90	44026	5.00	4.71	
S 117 Total Cresols	1				0			10.2	
131 2,6-Dichlorophenol	162	4.187	4.194	-0.007	78	11044	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L4_00002 Amount Added: 1.00 Units: mL

Report Date: 02-Apr-2021 11:49:29 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522080.D

Injection Date: 02-Apr-2021 10:05:44 Instrument ID: CBNAMS15 Operator ID:

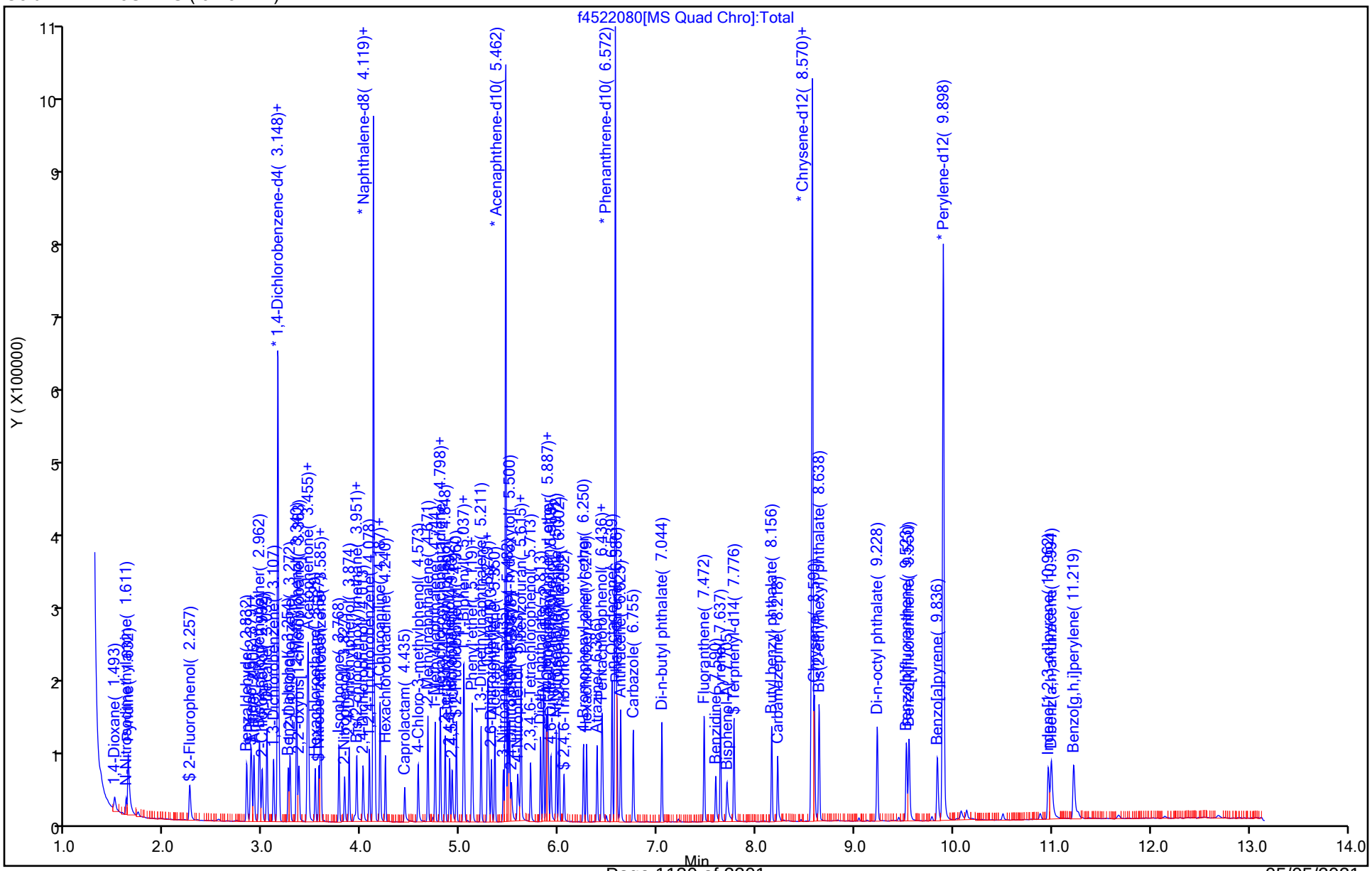
Lims ID: STD5 Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

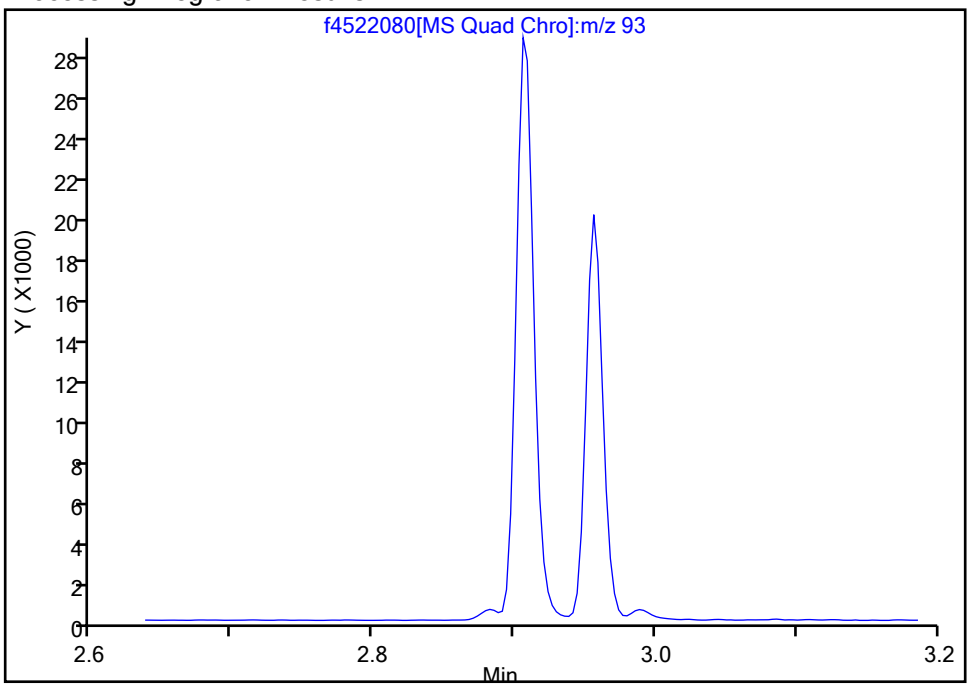
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522080.D
Injection Date: 02-Apr-2021 10:05:44 Instrument ID: CBNAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

10 Aniline, CAS: 62-53-3

Signal: 1

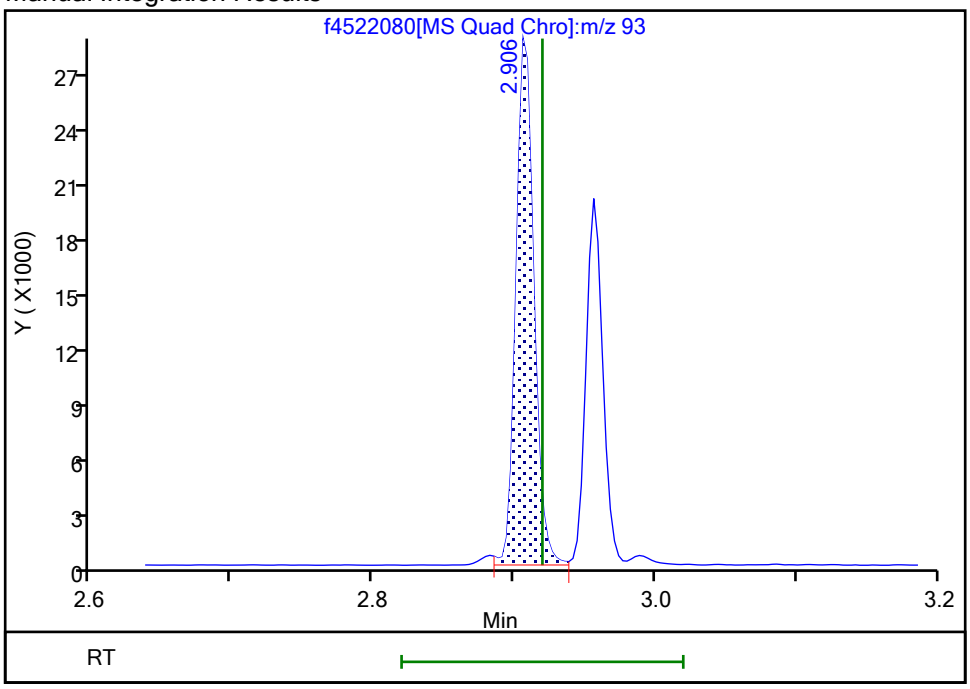
Not Detected
Expected RT: 2.92

Processing Integration Results



Manual Integration Results

RT: 2.91
Area: 25447
Amount: 5.101548
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 10:35:23
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

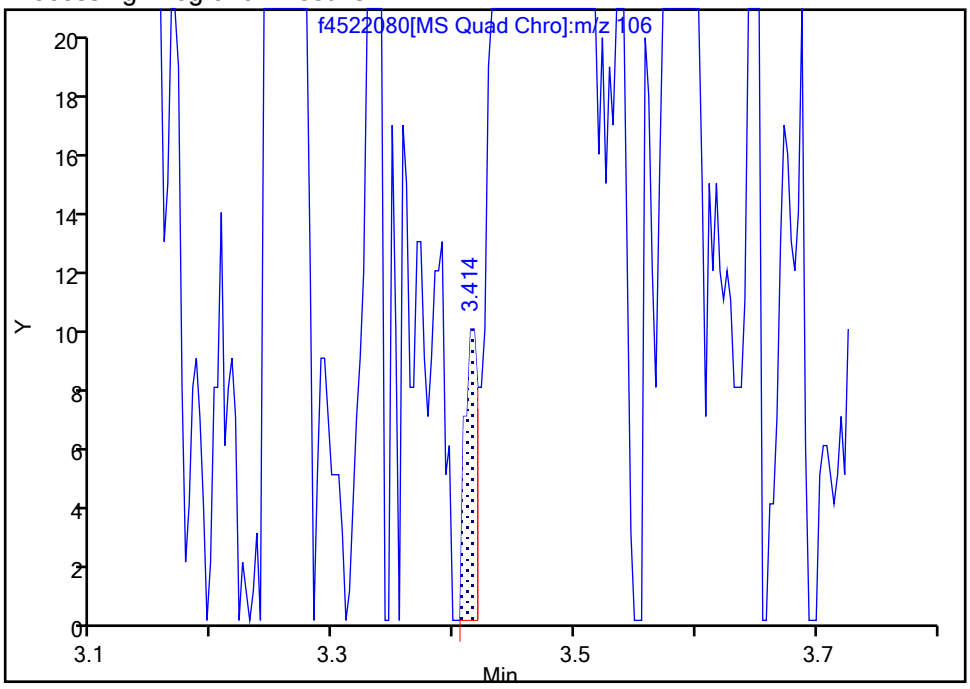
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522080.D
Injection Date: 02-Apr-2021 10:05:44 Instrument ID: CBNAMS15
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

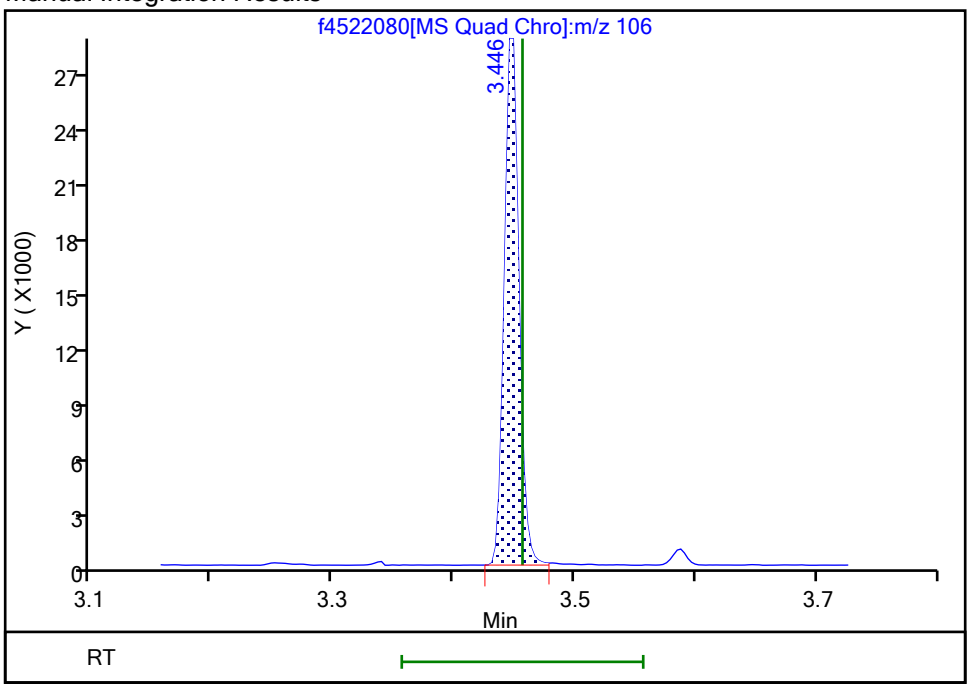
Processing Integration Results

RT: 3.41
Area: 7
Amount: 2.755537
Amount Units: ug/ml



Manual Integration Results

RT: 3.45
Area: 24181
Amount: 4.871650
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 10:36:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

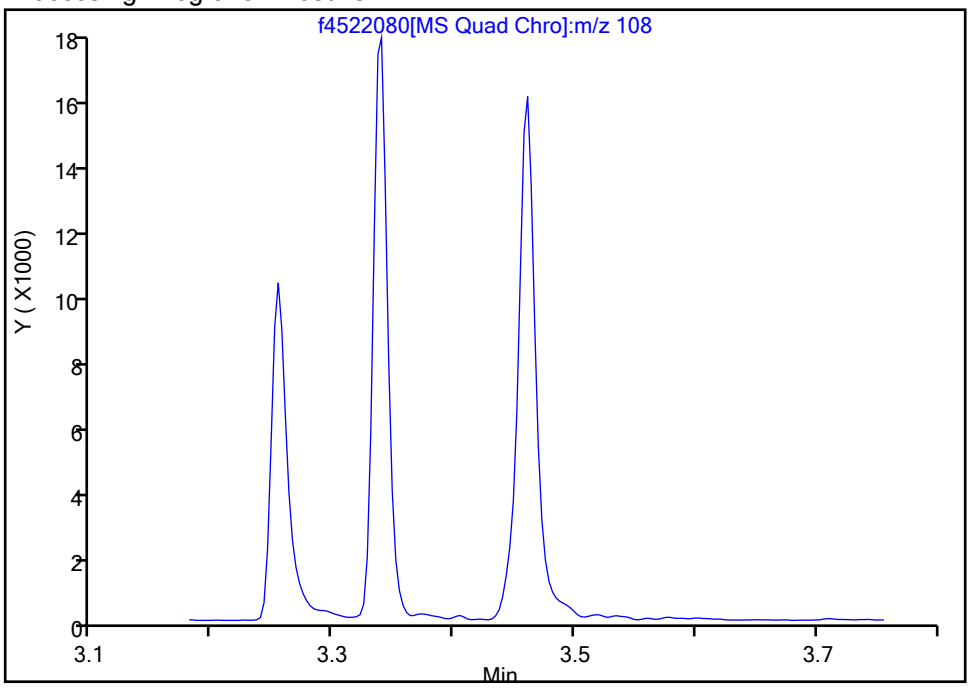
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522080.D				
Injection Date:	02-Apr-2021 10:05:44	Instrument ID:	CBNAMS15		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

23 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

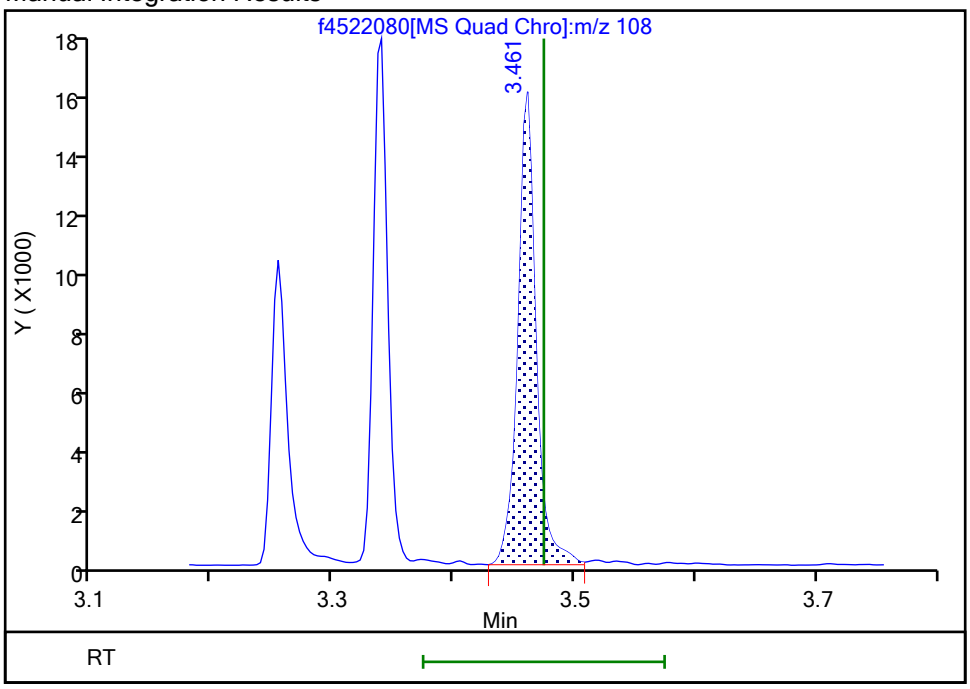
Not Detected
Expected RT: 3.47

Processing Integration Results



Manual Integration Results

RT: 3.46
Area: 15912
Amount: 4.976281
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 10:35:10
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

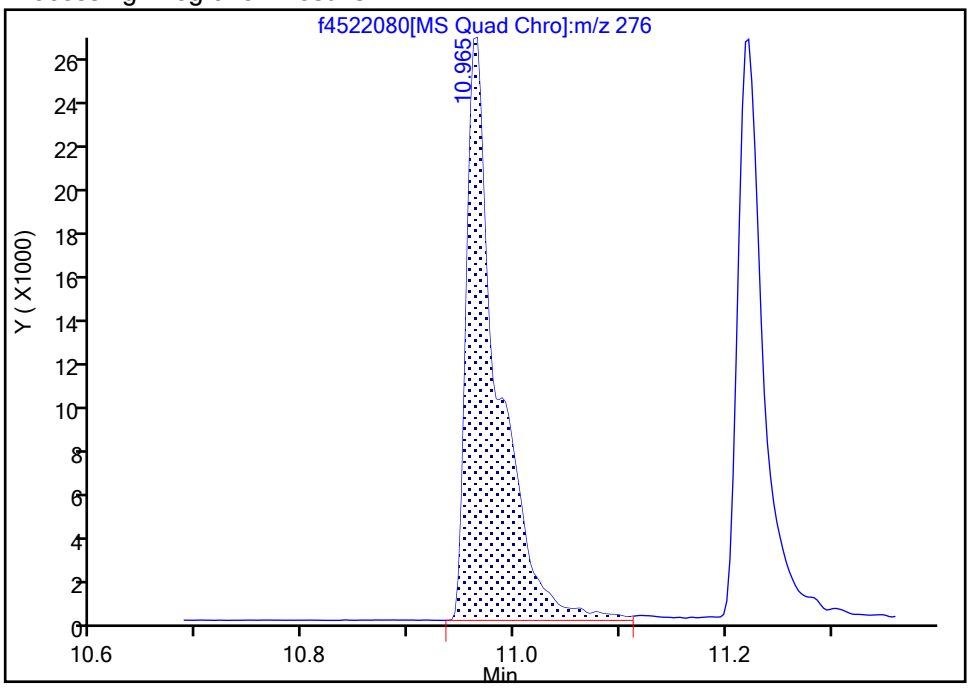
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522080.D				
Injection Date:	02-Apr-2021 10:05:44	Instrument ID:	CBNAMS15		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

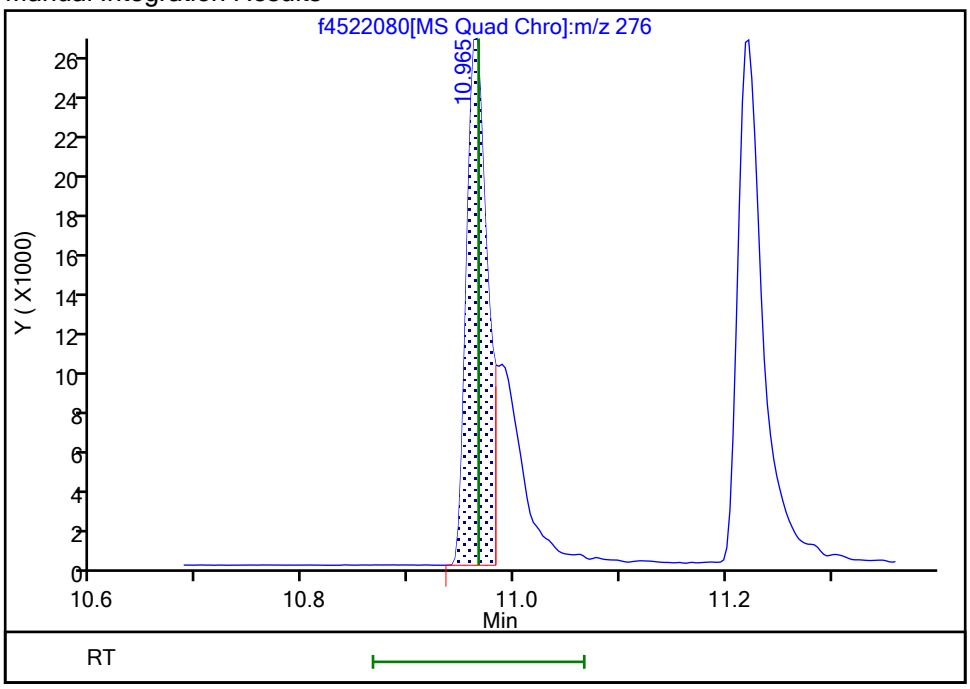
Processing Integration Results

RT: 10.96
Area: 54225
Amount: 5.794047
Amount Units: ug/ml



Manual Integration Results

RT: 10.96
Area: 36721
Amount: 4.641603
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 10:34:42

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522081.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Apr-2021 10:22:54 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126431-008
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Apr-2021 11:49:35 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: johnstonm1 Date: 02-Apr-2021 10:49:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.493	1.499	-0.006	90	2864	2.00	1.96	
$ 5 2-Fluorophenol	112	2.257	2.265	-0.008	87	6377	2.00	2.09	
7 Benzaldehyde	77	2.836	2.843	-0.007	90	6243	2.00	2.13	
$ 8 Phenol-d5	99	2.874	2.887	-0.013	92	7872	2.00	1.90	
11 Bis(2-chloroethyl)ether	93	2.957	2.970	-0.013	83	6520	2.00	1.95	
* 15 1,4-Dichlorobenzene-d4	152	3.149	3.159	-0.010	96	81701	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.459	3.474	-0.015	88	4850	2.00	1.95	
25 Hexachloroethane	117	3.527	3.536	-0.009	87	2956	2.00	2.06	
$ 26 Nitrobenzene-d5	82	3.565	3.578	-0.013	94	8002	2.00	1.93	
27 Nitrobenzene	123	3.580	3.592	-0.012	87	2808	2.00	1.96	
28 n,n'-Dimethylaniline	120	3.586	3.598	-0.012	79	9022	2.00	1.94	
29 Isophorone	82	3.769	3.781	-0.012	98	13339	2.00	1.89	
34 2,4-Dichlorophenol	162	4.016	4.020	-0.004	86	4316	2.00	1.85	
35 1,2,4-Trichlorobenzene	180	4.079	4.085	-0.007	89	5178	2.00	2.03	
* 36 Naphthalene-d8	136	4.120	4.126	-0.006	99	313686	40.0	40.0	
39 Hexachlorobutadiene	225	4.241	4.244	-0.003	87	2864	2.00	1.94	
40 Caprolactam	113	4.436	4.472	-0.036	84	1122	2.00	1.98	M
47 2,4,6-Trichlorophenol	196	4.893	4.896	-0.003	81	2999	2.00	1.80	
$ 50 2-Fluorobiphenyl	172	4.961	4.964	-0.003	96	12383	2.00	2.01	
58 2,6-Dinitrotoluene	165	5.315	5.324	-0.009	60	2480	2.00	1.90	
* 61 Acenaphthene-d10	164	5.459	5.463	-0.004	95	162904	40.0	40.0	
64 2,4-Dinitrophenol	184	5.524	5.525	-0.001	36	803	4.00	4.05	
67 2,4-Dinitrotoluene	165	5.616	5.623	-0.007	56	3199	2.00	1.84	a
73 4,6-Dinitro-2-methylphenol	198	5.920	5.930	-0.010	39	2545	4.00	4.08	
$ 76 2,4,6-Tribromophenol	330	6.052	6.057	-0.005	90	2677	2.00	1.99	
78 Hexachlorobenzene	284	6.280	6.284	-0.004	85	4354	2.00	1.97	
79 Atrazine	200	6.386	6.393	-0.007	78	3262	2.00	1.96	
80 Pentachlorophenol	266	6.436	6.437	-0.001	80	4007	4.00	3.10	
* 83 Phenanthrene-d10	188	6.572	6.576	-0.004	99	300207	40.0	40.0	
$ 93 Terphenyl-d14	244	7.776	7.778	-0.002	98	14266	2.00	2.04	
99 3,3'-Dichlorobenzidine	252	8.558	8.558	0.000	70	6409	2.00	1.81	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
100 Benzo[a]anthracene	228	8.561	8.563	-0.002	64	17893	2.00	1.96	
* 98 Chrysene-d12	240	8.570	8.575	-0.005	98	275535	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.523	9.530	-0.007	97	16622	2.00	1.89	
105 Benzo[k]fluoranthene	252	9.550	9.559	-0.009	97	19915	2.00	2.03	
106 Benzo[a]pyrene	252	9.839	9.843	-0.004	96	15179	2.00	1.90	
* 107 Perylene-d12	264	9.898	9.899	-0.001	98	324768	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	10.967	10.966	0.001	96	14011	2.00	1.74	M
109 Dibenz(a,h)anthracene	278	11.000	10.996	0.004	40	15303	2.00	1.78	
131 2,6-Dichlorophenol	162	4.188	4.194	-0.006	72	4514	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L3_00002 Amount Added: 1.00 Units: mL

Report Date: 02-Apr-2021 11:49:37 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522081.D

Injection Date: 02-Apr-2021 10:22:54 Instrument ID: CBNAMS15 Operator ID:

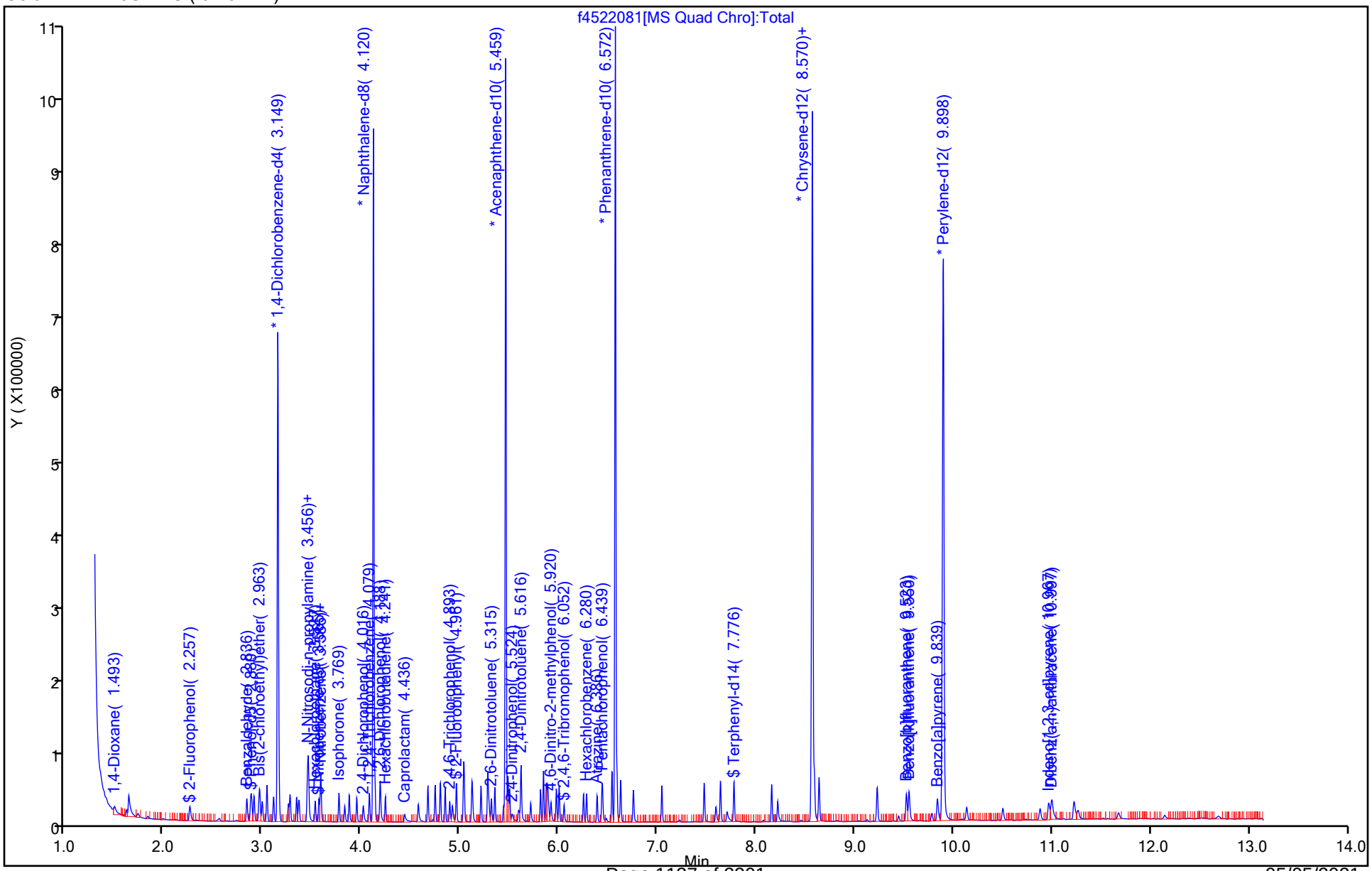
Lims ID: STD2 Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

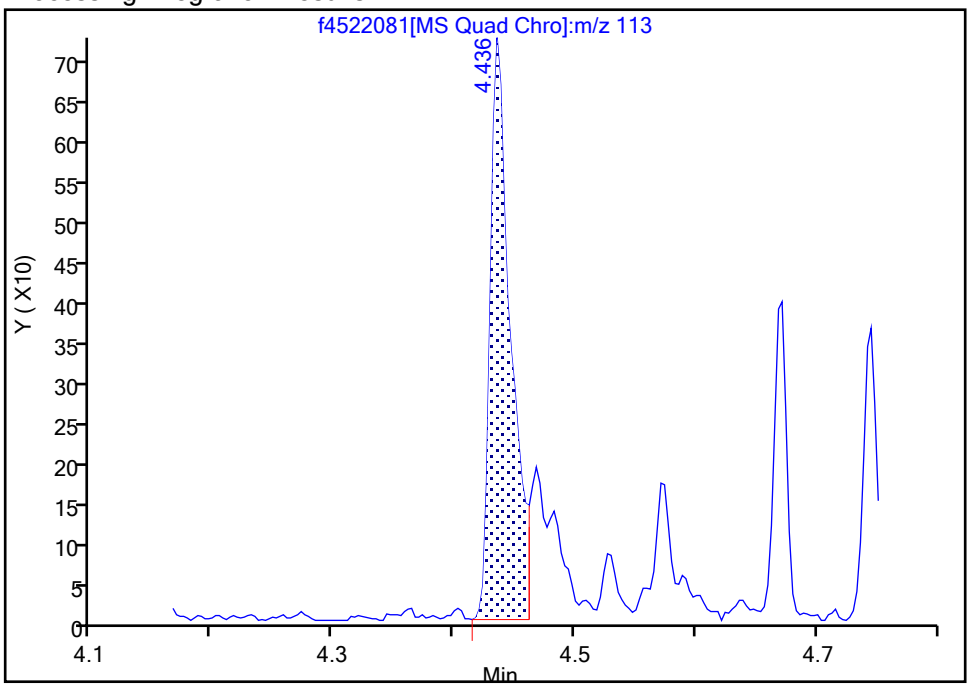
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522081.D				
Injection Date:	02-Apr-2021 10:22:54	Instrument ID:	CBNAMS15		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

40 Caprolactam, CAS: 105-60-2

Signal: 1

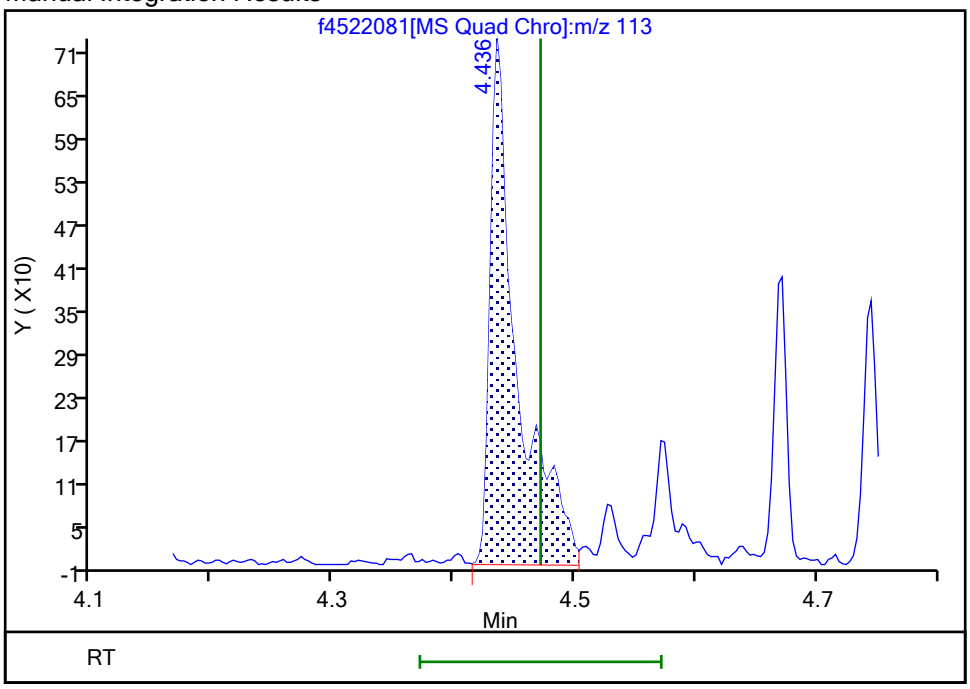
Processing Integration Results

RT: 4.44
Area: 858
Amount: 1.771661
Amount Units: ug/ml



Manual Integration Results

RT: 4.44
Area: 1122
Amount: 1.980426
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 11:01:18

Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

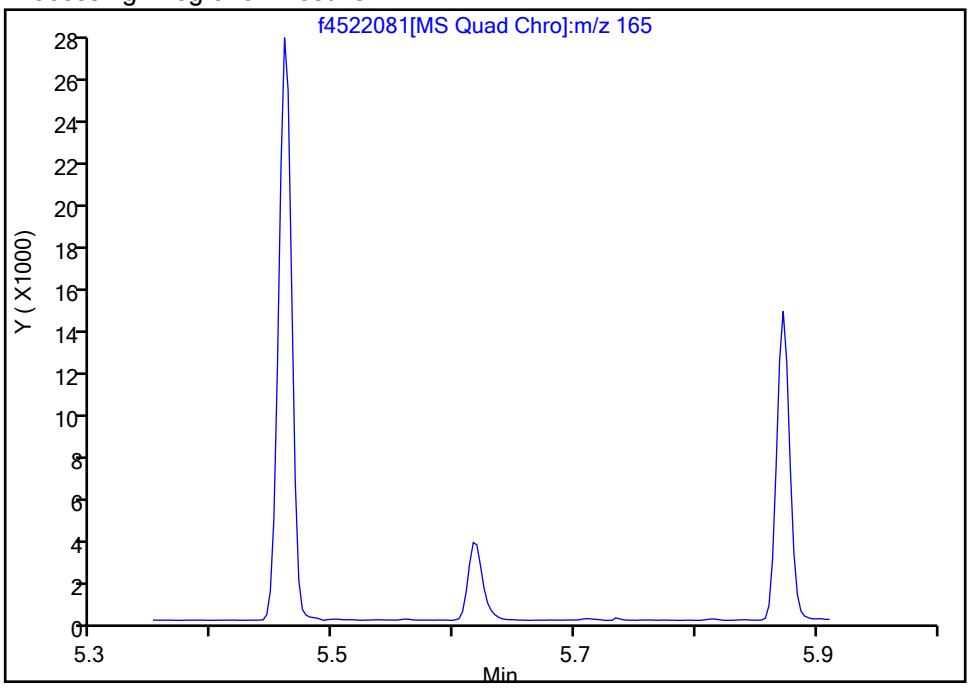
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522081.D
Injection Date: 02-Apr-2021 10:22:54 Instrument ID: CBNAMS15
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

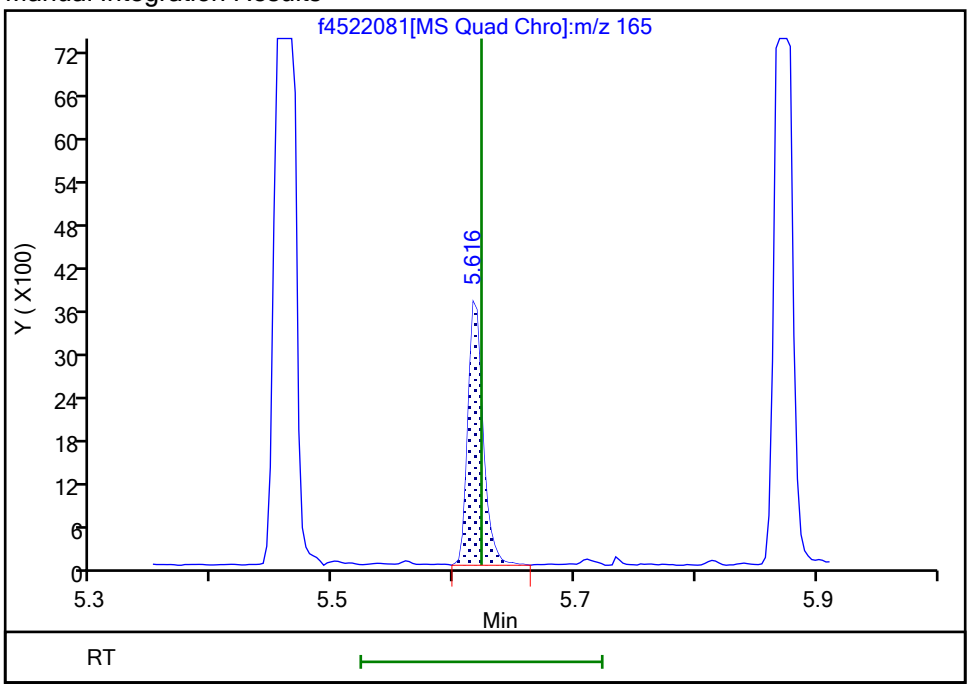
Not Detected
Expected RT: 5.62

Processing Integration Results



Manual Integration Results

RT: 5.62
Area: 3199
Amount: 1.836356
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 10:48:51
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

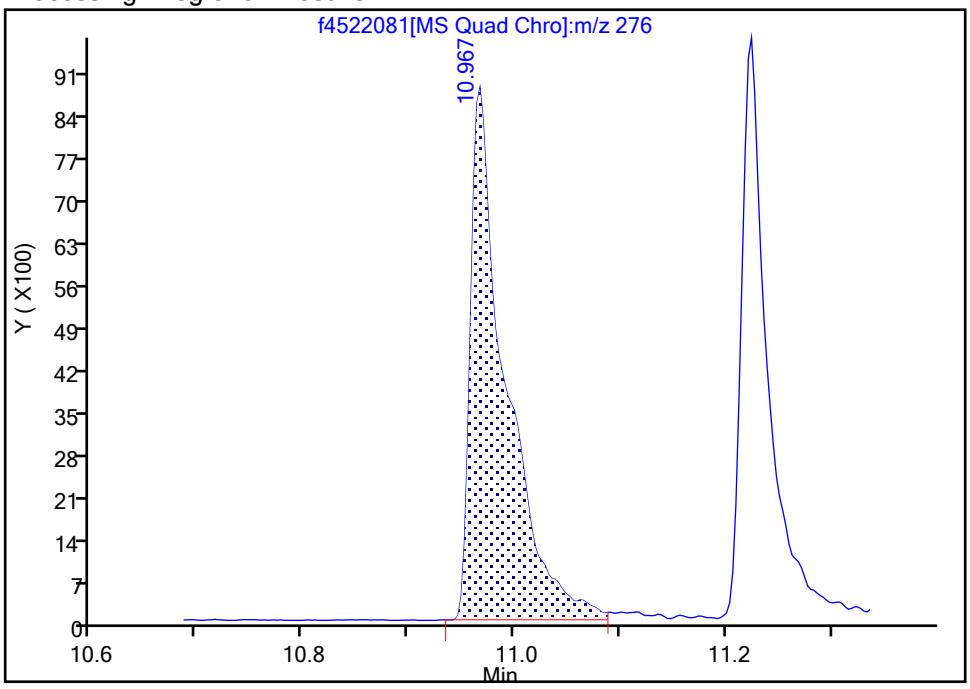
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522081.D				
Injection Date:	02-Apr-2021 10:22:54	Instrument ID:	CBNAMS15		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

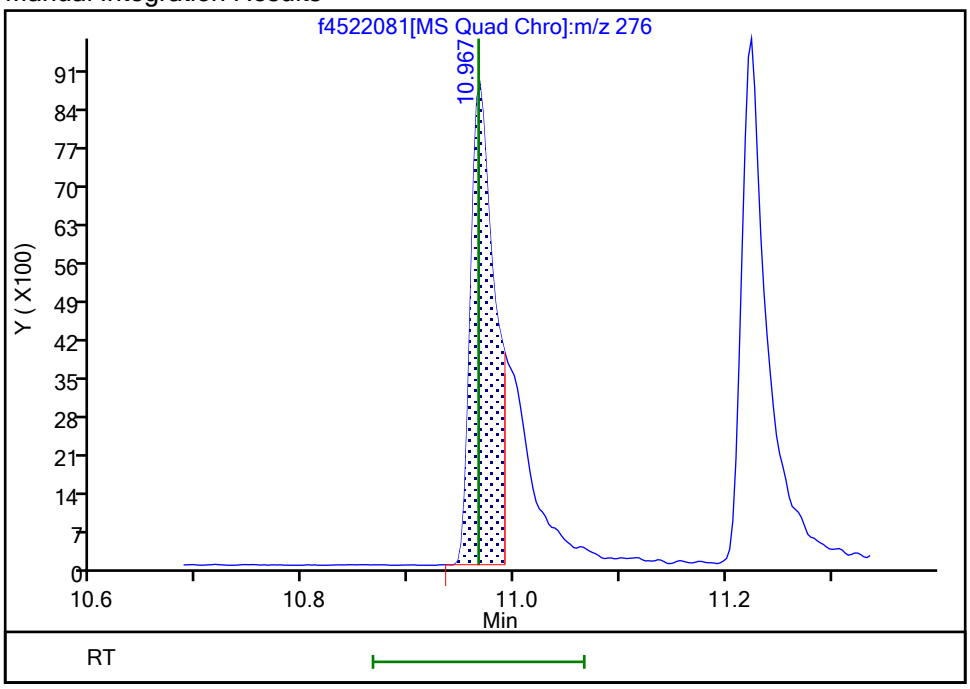
Processing Integration Results

RT: 10.97
Area: 20390
Amount: 2.233173
Amount Units: ug/ml



Manual Integration Results

RT: 10.97
Area: 14011
Amount: 1.735844
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 10:48:38

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522082.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 02-Apr-2021 10:40:02 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126431-009
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Apr-2021 11:49:41 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: johnstonm1 Date: 02-Apr-2021 11:00:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.496	1.499	-0.003	82	1129	1.00	0.8298	
$ 5 2-Fluorophenol	112	2.260	2.265	-0.005	86	2588	1.00	0.9106	
7 Benzaldehyde	77	2.838	2.843	-0.005	86	2779	1.00	1.02	
$ 8 Phenol-d5	99	2.876	2.887	-0.011	78	3753	1.00	0.9727	
11 Bis(2-chloroethyl)ether	93	2.959	2.970	-0.011	82	2866	1.00	0.9178	
* 15 1,4-Dichlorobenzene-d4	152	3.151	3.159	-0.008	98	76205	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.461	3.474	-0.013	88	2126	1.00	0.9180	
25 Hexachloroethane	117	3.529	3.536	-0.007	85	1353	1.00	1.01	
$ 26 Nitrobenzene-d5	82	3.567	3.578	-0.011	90	3752	1.00	0.9669	
27 Nitrobenzene	123	3.582	3.592	-0.010	85	1231	1.00	0.9192	
28 n,n'-Dimethylaniline	120	3.588	3.598	-0.010	87	4400	1.00	1.01	
35 1,2,4-Trichlorobenzene	180	4.078	4.085	-0.007	87	2306	1.00	0.9632	
* 36 Naphthalene-d8	136	4.119	4.126	-0.007	99	294117	40.0	40.0	
39 Hexachlorobutadiene	225	4.243	4.244	-0.001	86	1320	1.00	0.9553	
40 Caprolactam	113	4.450	4.472	-0.022	77	396	1.00	1.10	M
$ 50 2-Fluorobiphenyl	172	4.963	4.964	-0.001	94	6101	1.00	1.04	
58 2,6-Dinitrotoluene	165	5.317	5.324	-0.007	64	1029	1.00	0.8272	
* 61 Acenaphthene-d10	164	5.462	5.463	-0.001	96	154982	40.0	40.0	
67 2,4-Dinitrotoluene	165	5.621	5.623	-0.002	62	1266	1.00	0.7639	a
$ 76 2,4,6-Tribromophenol	330	6.055	6.057	-0.002	73	1029	1.00	0.8042	
78 Hexachlorobenzene	284	6.282	6.284	-0.002	80	2100	1.00	1.00	
79 Atrazine	200	6.392	6.393	-0.001	74	1362	1.00	0.8577	
* 83 Phenanthrene-d10	188	6.575	6.576	-0.001	99	285873	40.0	40.0	
$ 93 Terphenyl-d14	244	7.778	7.778	0.000	99	6404	1.00	0.9732	
100 Benzo[a]anthracene	228	8.566	8.563	0.003	53	8343	1.00	0.9734	
* 98 Chrysene-d12	240	8.572	8.575	-0.003	98	258642	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.531	9.530	0.001	97	6897	1.00	0.8416	
105 Benzo[k]fluoranthene	252	9.558	9.559	-0.001	94	8932	1.00	0.9814	
106 Benzo[a]pyrene	252	9.844	9.843	0.001	95	6695	1.00	0.8993	
* 107 Perylene-d12	264	9.903	9.899	0.004	99	301970	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	10.980	10.966	0.014	91	5381	1.00	0.7170	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
109 Dibenz(a,h)anthracene	278	11.013	10.996	0.017	53	6662	1.00	0.8319	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L2_00002 Amount Added: 1.00 Units: mL

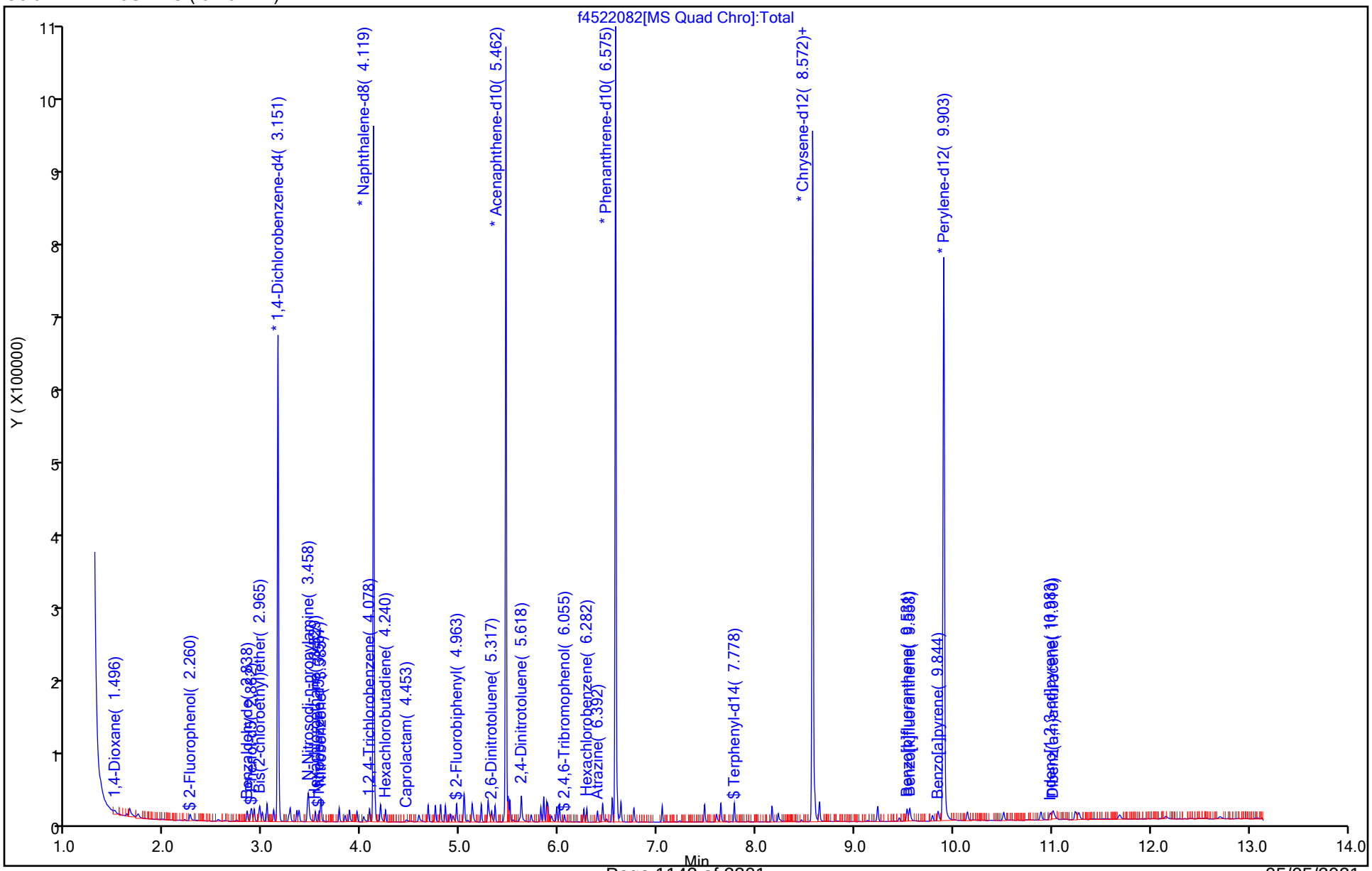
Report Date: 02-Apr-2021 11:49:44 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522082.D

Injection Date:	02-Apr-2021 10:40:02	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

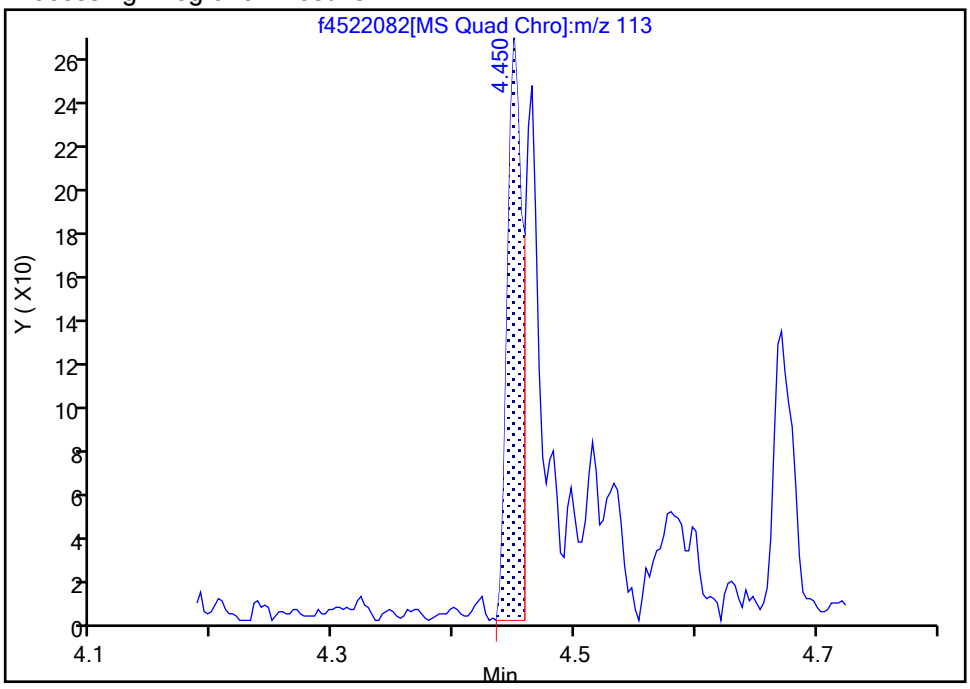
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522082.D
Injection Date: 02-Apr-2021 10:40:02 Instrument ID: CBNAMS15
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

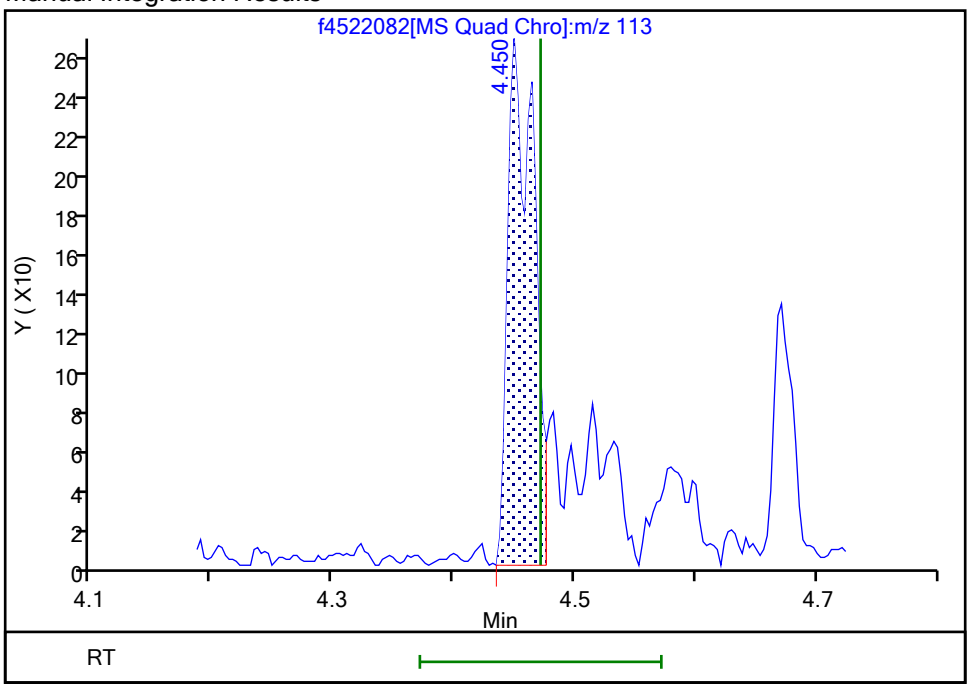
Processing Integration Results

RT: 4.45
Area: 235
Amount: 1.111903
Amount Units: ug/ml



Manual Integration Results

RT: 4.45
Area: 396
Amount: 1.103620
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 11:00:40
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

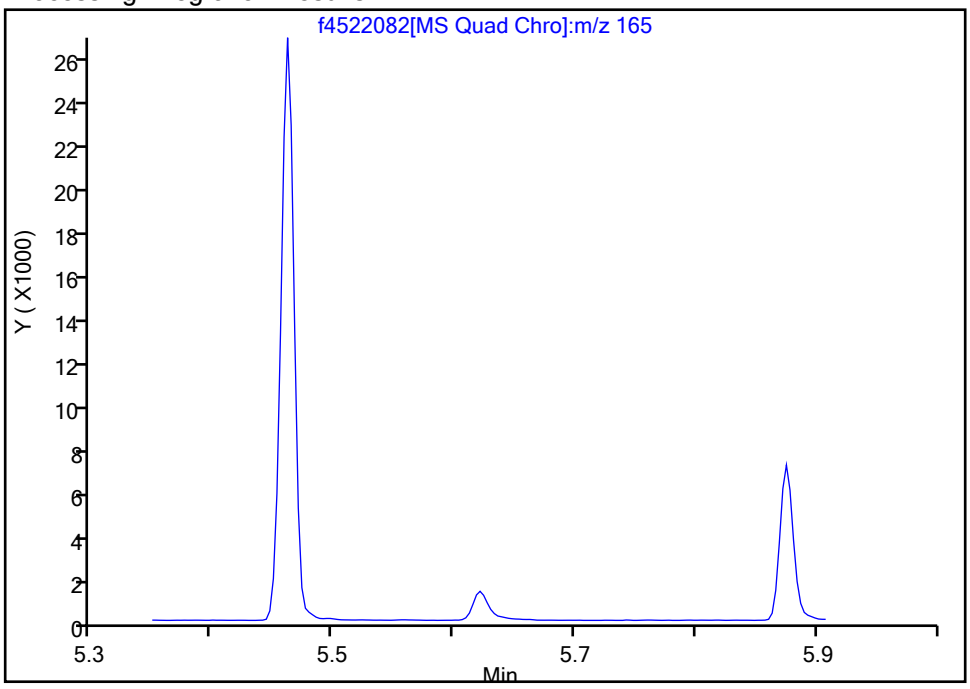
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522082.D				
Injection Date:	02-Apr-2021 10:40:02	Instrument ID:	CBNAMS15		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

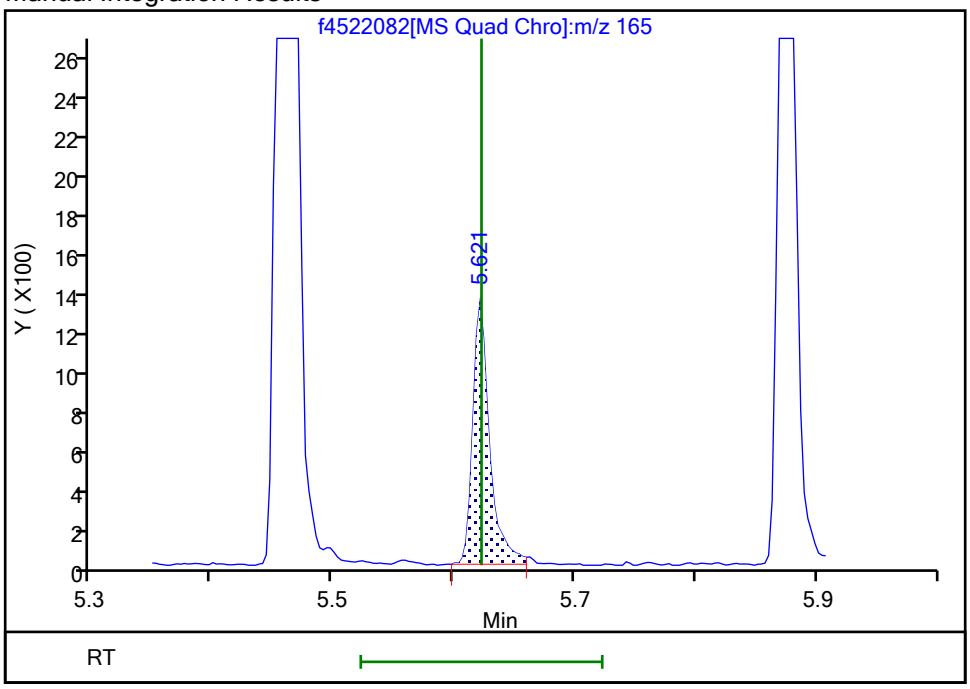
Not Detected
Expected RT: 5.62

Processing Integration Results



Manual Integration Results

RT: 5.62
Area: 1266
Amount: 0.763883
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 11:00:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

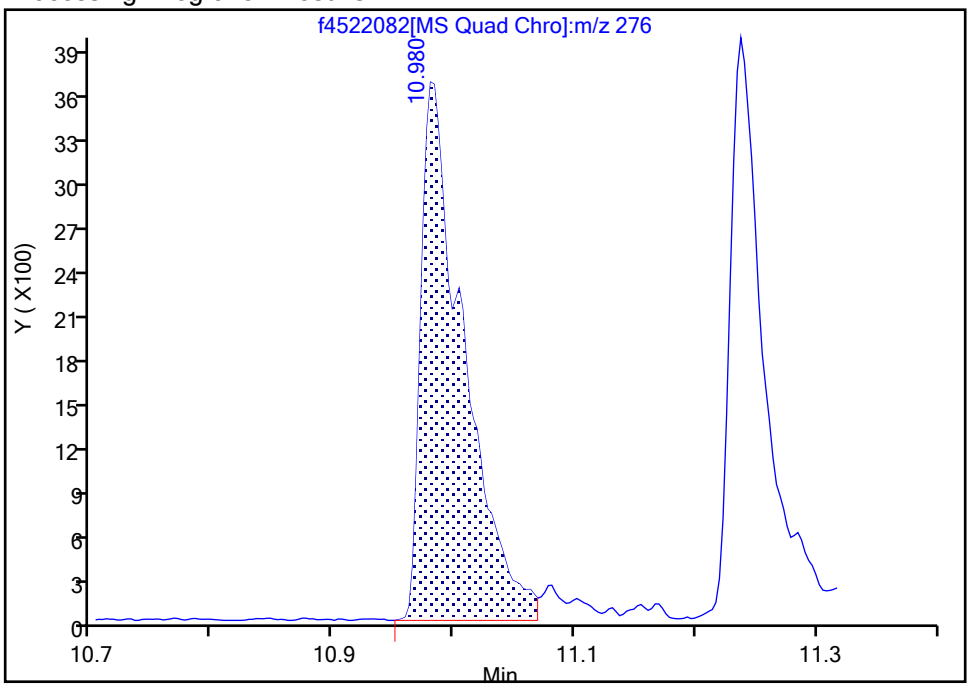
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522082.D				
Injection Date:	02-Apr-2021 10:40:02	Instrument ID:	CBNAMS15		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

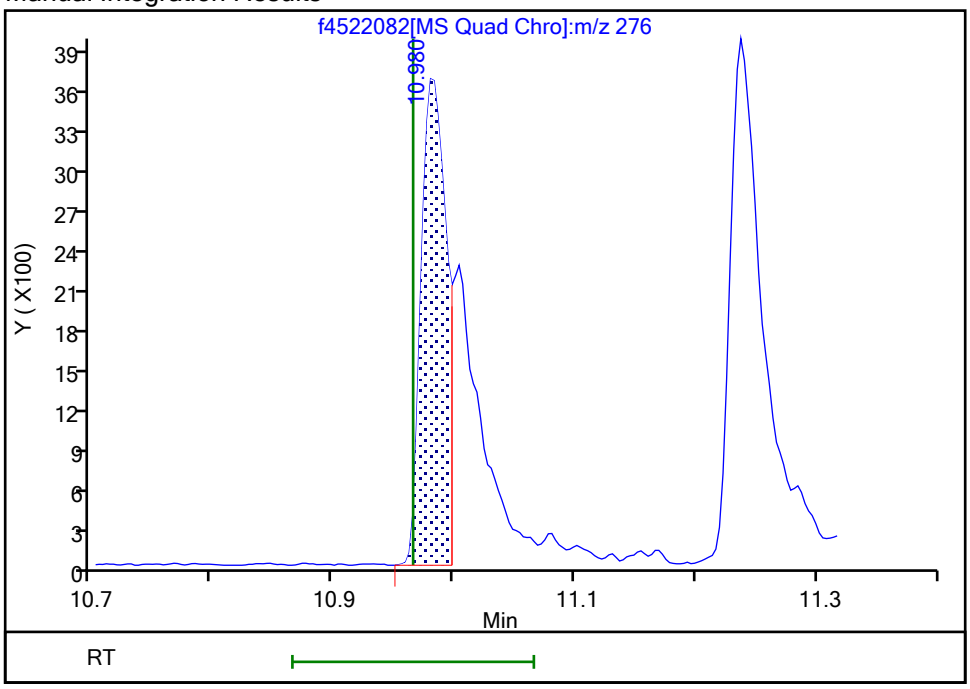
Processing Integration Results

RT: 10.98
Area: 8950
Amount: 1.094611
Amount Units: ug/ml



Manual Integration Results

RT: 10.98
Area: 5381
Amount: 0.716991
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 11:00:18

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 02-Apr-2021 10:57:12 ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126431-010
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Apr-2021 11:49:47 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: johnstonm1 Date: 02-Apr-2021 11:20:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.499	1.499	0.000	64	802	0.5000	0.5555	
11 Bis(2-chloroethyl)ether	93	2.960	2.970	-0.010	77	1461	0.5000	0.4409	
* 15 1,4-Dichlorobenzene-d4	152	3.151	3.159	-0.008	97	80862	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.461	3.474	-0.013	83	1078	0.5000	0.4387	a
25 Hexachloroethane	117	3.529	3.536	-0.007	88	697	0.5000	0.4907	
$ 26 Nitrobenzene-d5	82	3.568	3.578	-0.010	88	2242	0.5000	0.5375	
27 Nitrobenzene	123	3.582	3.592	-0.010	86	607	0.5000	0.4271	
28 n,n'-Dimethylaniline	120	3.588	3.598	-0.010	87	2374	0.5000	0.5156	
35 1,2,4-Trichlorobenzene	180	4.078	4.085	-0.007	88	1276	0.5000	0.4958	
* 36 Naphthalene-d8	136	4.120	4.126	-0.006	99	316162	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	4.963	4.964	-0.001	92	3073	0.5000	0.4967	
* 61 Acenaphthene-d10	164	5.462	5.463	-0.001	96	163282	40.0	40.0	
78 Hexachlorobenzene	284	6.282	6.284	-0.002	72	1101	0.5000	0.4973	
* 83 Phenanthrene-d10	188	6.574	6.576	-0.002	99	300720	40.0	40.0	
$ 93 Terphenyl-d14	244	7.778	7.778	0.000	98	3534	0.5000	0.5057	
100 Benzo[a]anthracene	228	8.564	8.563	0.001	50	4892	0.5000	0.5374	
* 98 Chrysene-d12	240	8.573	8.575	-0.003	98	274695	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.529	9.530	-0.001	86	3580	0.5000	0.4137	
105 Benzo[k]fluoranthene	252	9.556	9.559	-0.003	73	3947	0.5000	0.4107	
106 Benzo[a]pyrene	252	9.842	9.843	-0.001	89	3427	0.5000	0.4359	
* 107 Perylene-d12	264	9.901	9.899	0.002	98	318894	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	10.982	10.966	0.016	97	3011	0.5000	0.3799	M
109 Dibenz(a,h)anthracene	278	11.012	10.996	0.016	37	3690	0.5000	0.4363	M

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L1_00002 Amount Added: 1.00 Units: mL

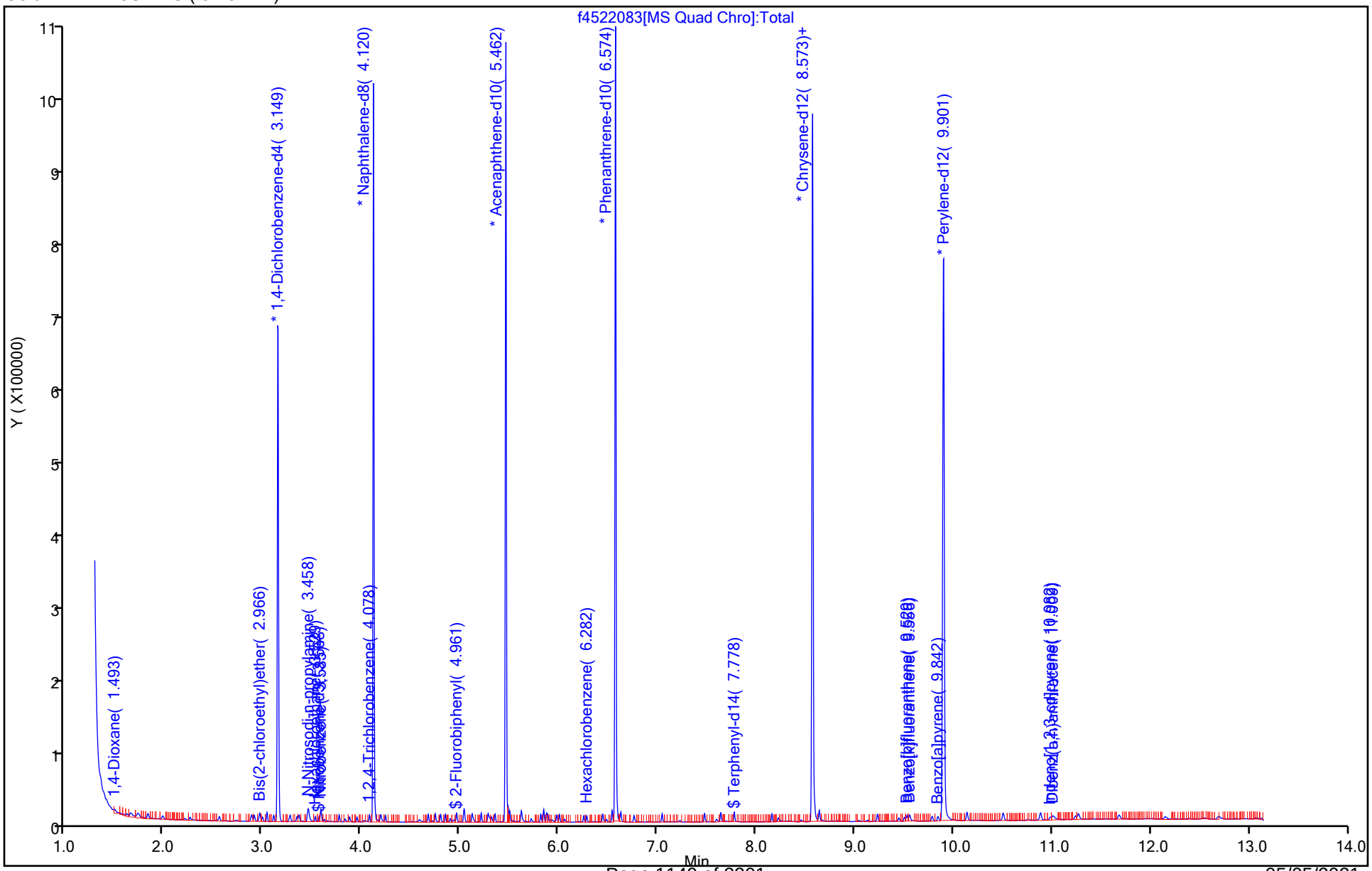
Report Date: 02-Apr-2021 11:49:49 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Injection Date:	02-Apr-2021 10:57:12	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

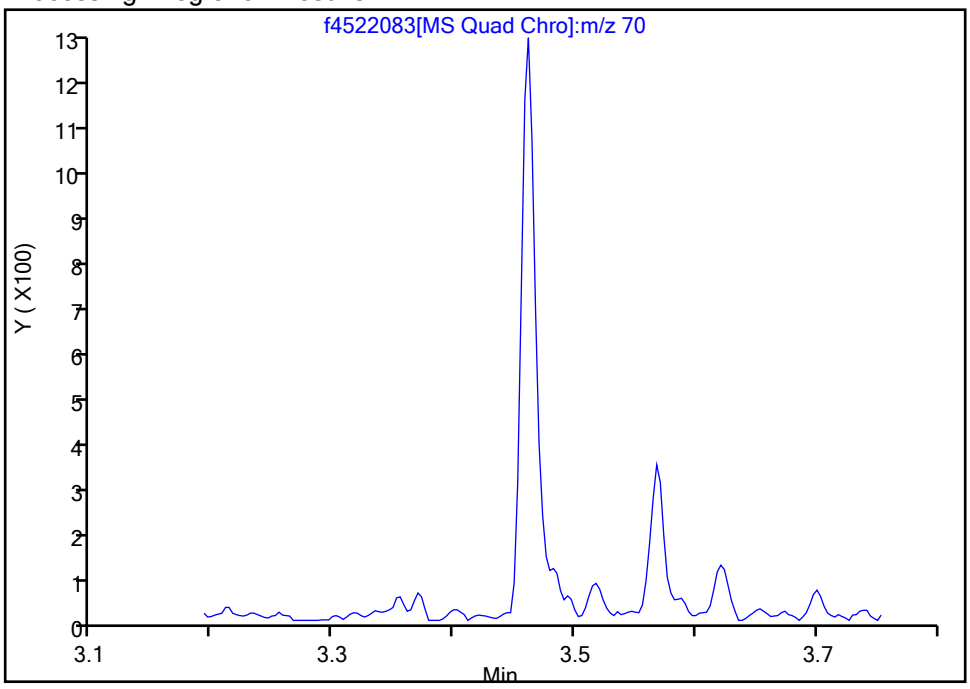
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D
Injection Date: 02-Apr-2021 10:57:12 Instrument ID: CBNAMS15
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

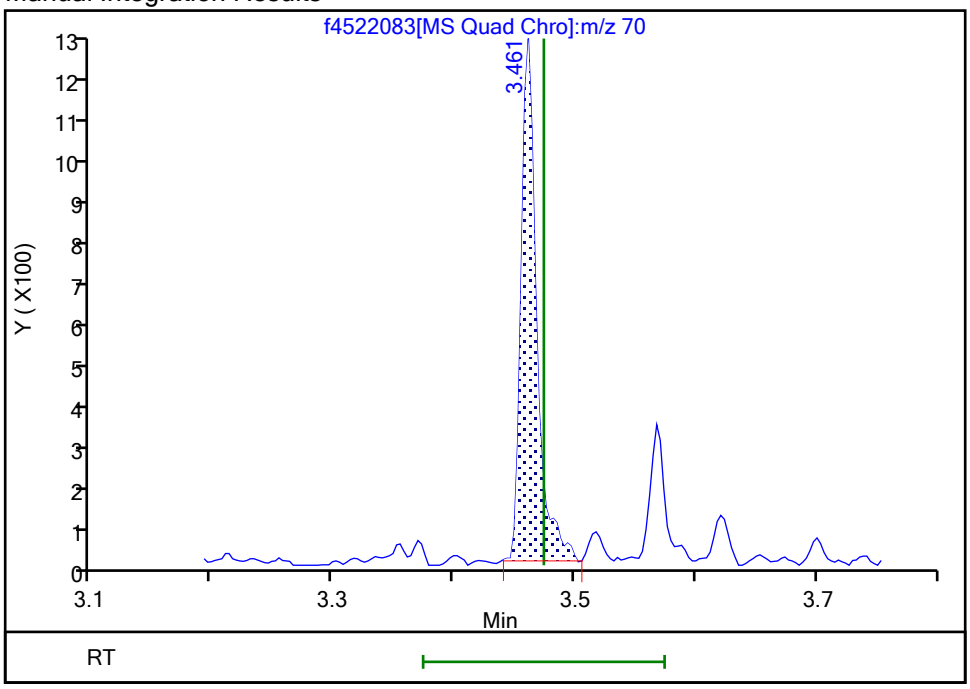
Not Detected
Expected RT: 3.47

Processing Integration Results



Manual Integration Results

RT: 3.46
Area: 1078
Amount: 0.438655
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 11:20:21
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

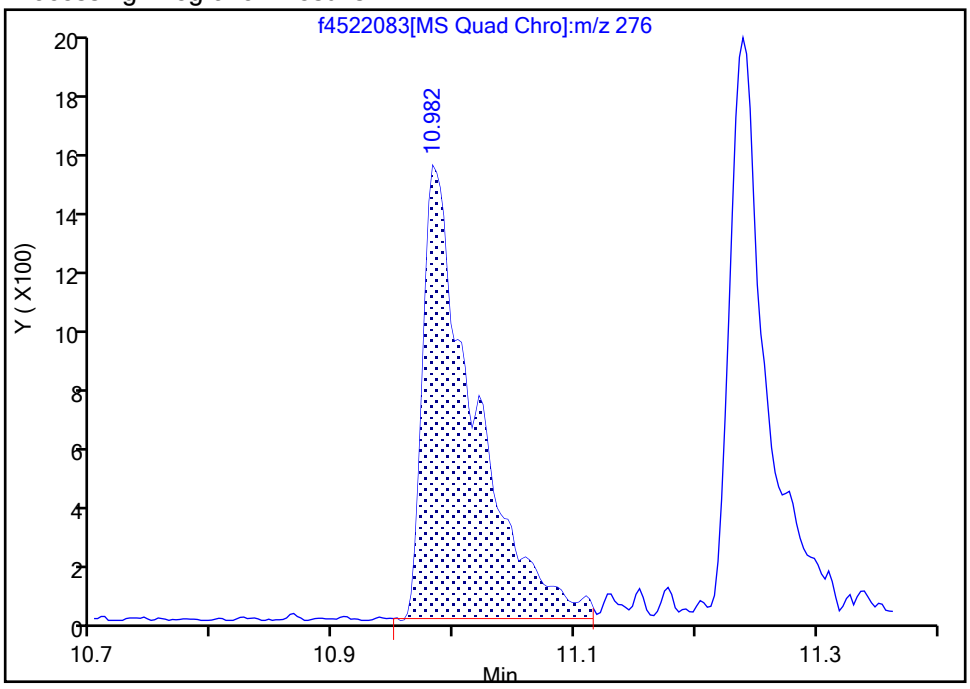
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D				
Injection Date:	02-Apr-2021 10:57:12	Instrument ID:	CBNAMS15		
Lims ID:	STD05				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

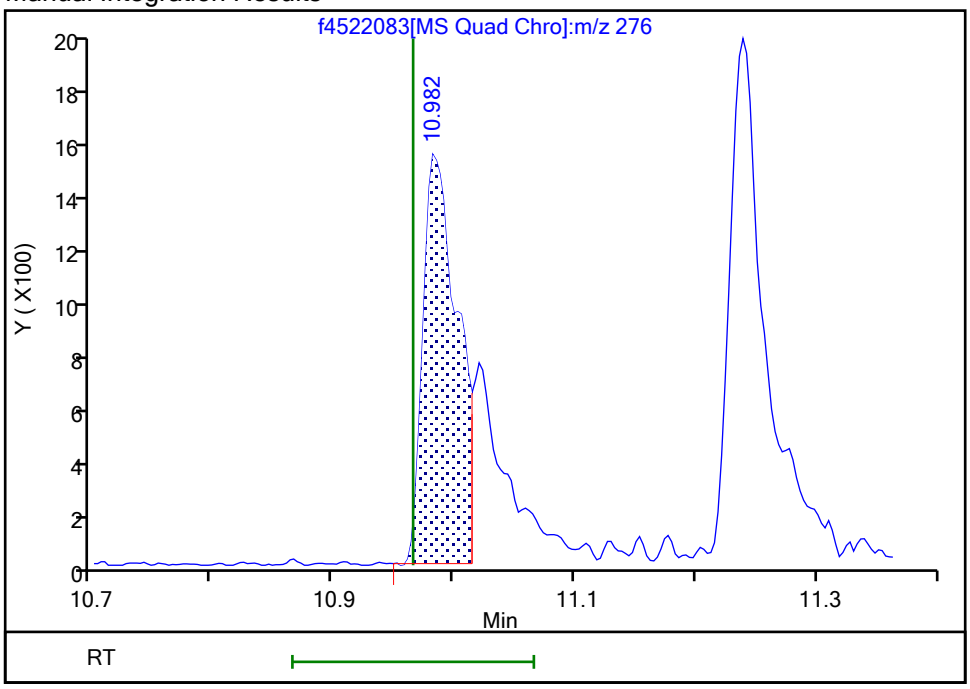
Processing Integration Results

RT: 10.98
Area: 4437
Amount: 0.538309
Amount Units: ug/ml



Manual Integration Results

RT: 10.98
Area: 3011
Amount: 0.379909
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 11:22:10

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison

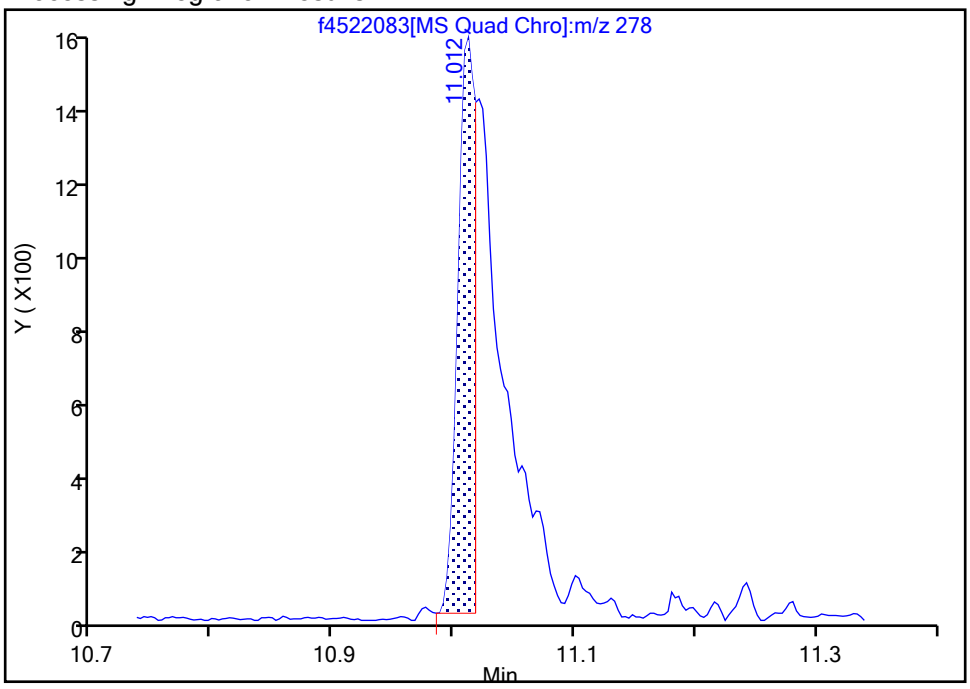
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D				
Injection Date:	02-Apr-2021 10:57:12	Instrument ID:	CBNAMS15		
Lims ID:	STD05				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

109 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

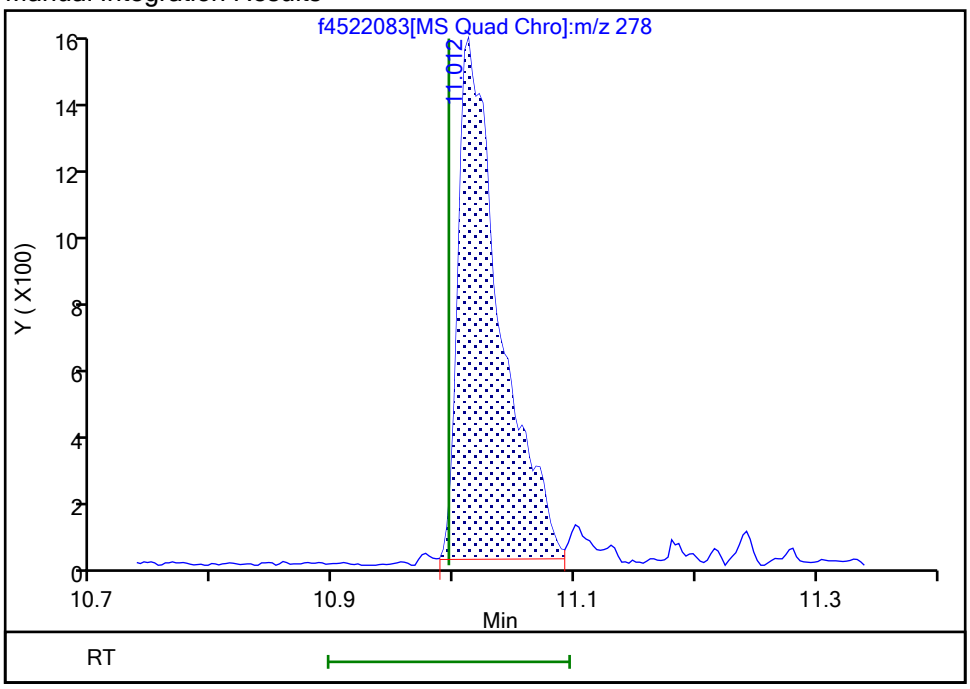
Processing Integration Results

RT: 11.01
Area: 1535
Amount: 0.487649
Amount Units: ug/ml



Manual Integration Results

RT: 11.01
Area: 3690
Amount: 0.436312
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 11:19:50
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

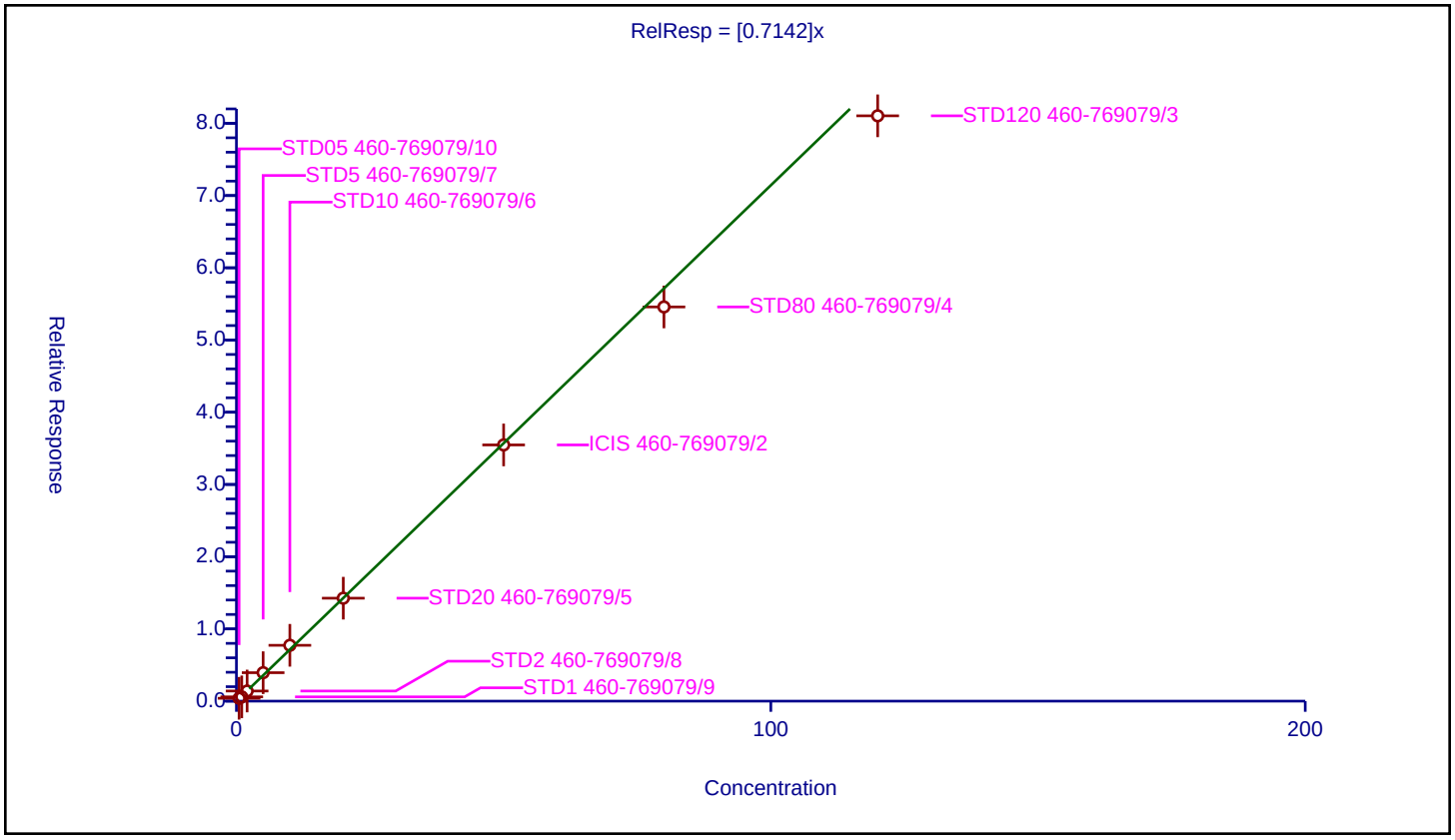
Curve Coefficients

Intercept:	0
Slope:	0.7142

Error Coefficients

Standard Error:	74800
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.396725	40.0	80862.0	0.793451	Y
2	STD1 460-769079/9	1.0	0.592612	40.0	76205.0	0.592612	Y
3	STD2 460-769079/8	2.0	1.402186	40.0	81701.0	0.701093	Y
4	STD5 460-769079/7	5.0	3.938729	40.0	76512.0	0.787746	Y
5	STD10 460-769079/6	10.0	7.729337	40.0	79065.0	0.772934	Y
6	STD20 460-769079/5	20.0	14.255322	40.0	78685.0	0.712766	Y
7	ICIS 460-769079/2	50.0	35.471373	40.0	76659.0	0.709427	Y
8	STD80 460-769079/4	80.0	54.580376	40.0	78618.0	0.682255	Y
9	STD120 460-769079/3	120.0	81.042544	40.0	81915.0	0.675355	Y



Calibration / N-Nitrosodimethylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

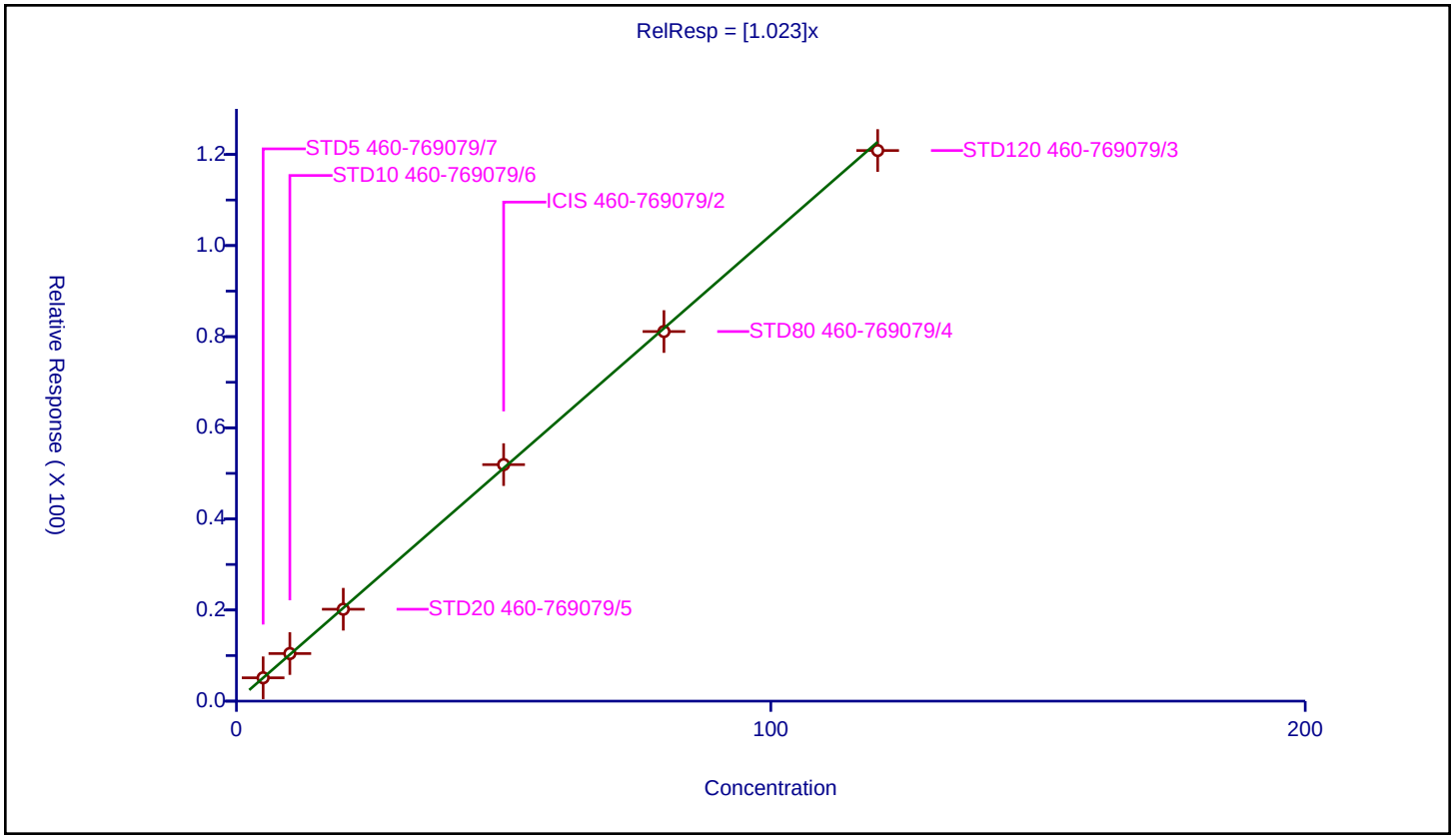
Curve Coefficients

Intercept:	0
Slope:	1.023

Error Coefficients

Standard Error:	140000
Relative Standard Error:	1.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	5.124948	40.0	76512.0	1.02499	Y
2	STD10 460-769079/6	10.0	10.444571	40.0	79065.0	1.044457	Y
3	STD20 460-769079/5	20.0	20.170045	40.0	78685.0	1.008502	Y
4	ICIS 460-769079/2	50.0	51.919279	40.0	76659.0	1.038386	Y
5	STD80 460-769079/4	80.0	81.132056	40.0	78618.0	1.014151	Y
6	STD120 460-769079/3	120.0	120.864311	40.0	81915.0	1.007203	Y



Calibration / Pyridine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

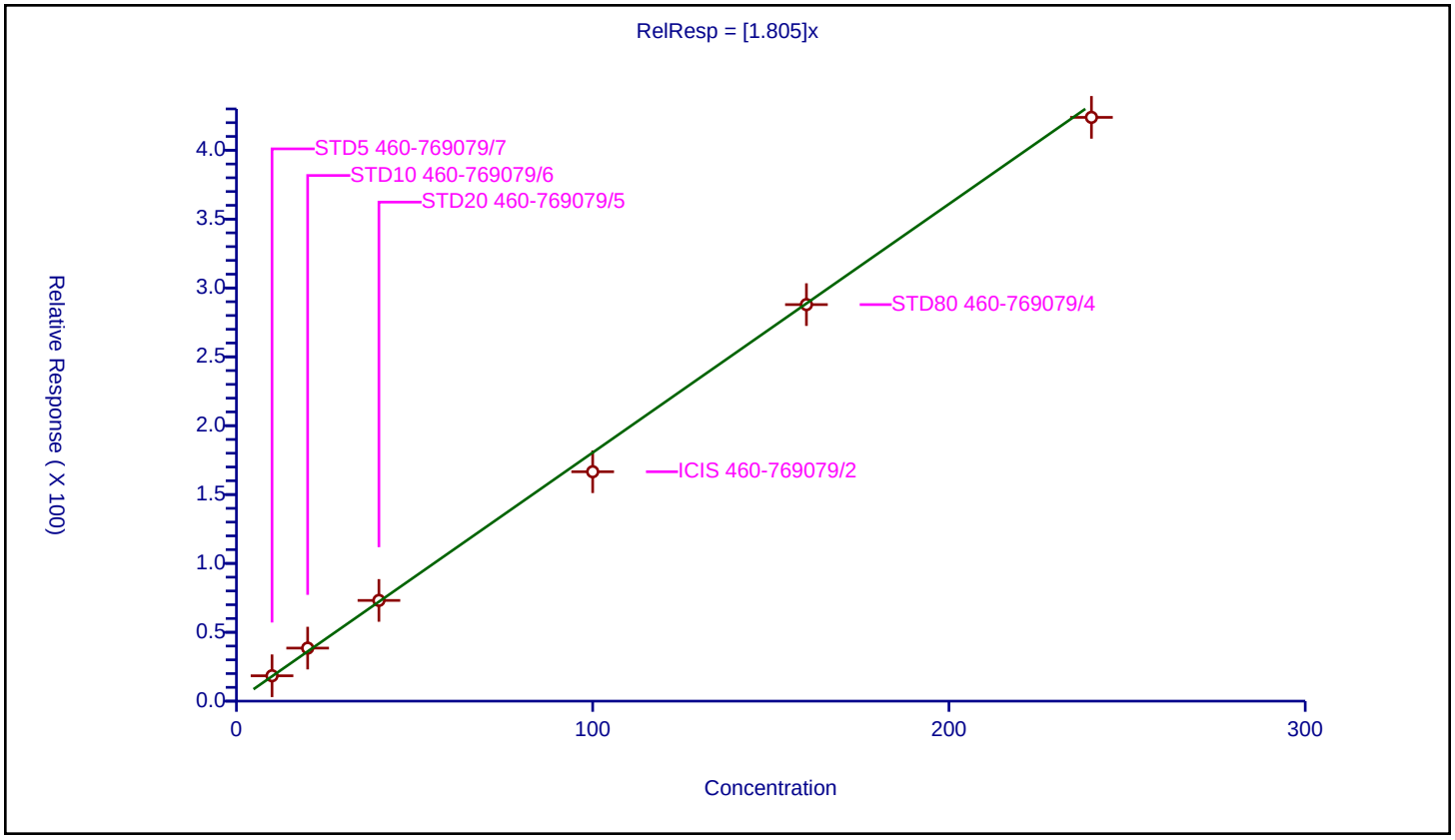
Curve Coefficients

Intercept:	0
Slope:	1.805

Error Coefficients

Standard Error:	490000
Relative Standard Error:	4.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	10.0	18.423254	40.0	76512.0	1.842325	Y
2	STD10 460-769079/6	20.0	38.511604	40.0	79065.0	1.92558	Y
3	STD20 460-769079/5	40.0	73.133634	40.0	78685.0	1.828341	Y
4	ICIS 460-769079/2	100.0	166.554742	40.0	76659.0	1.665547	Y
5	STD80 460-769079/4	160.0	287.912692	40.0	78618.0	1.799454	Y
6	STD120 460-769079/3	240.0	423.853995	40.0	81915.0	1.766058	Y



Calibration / 2-Fluorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

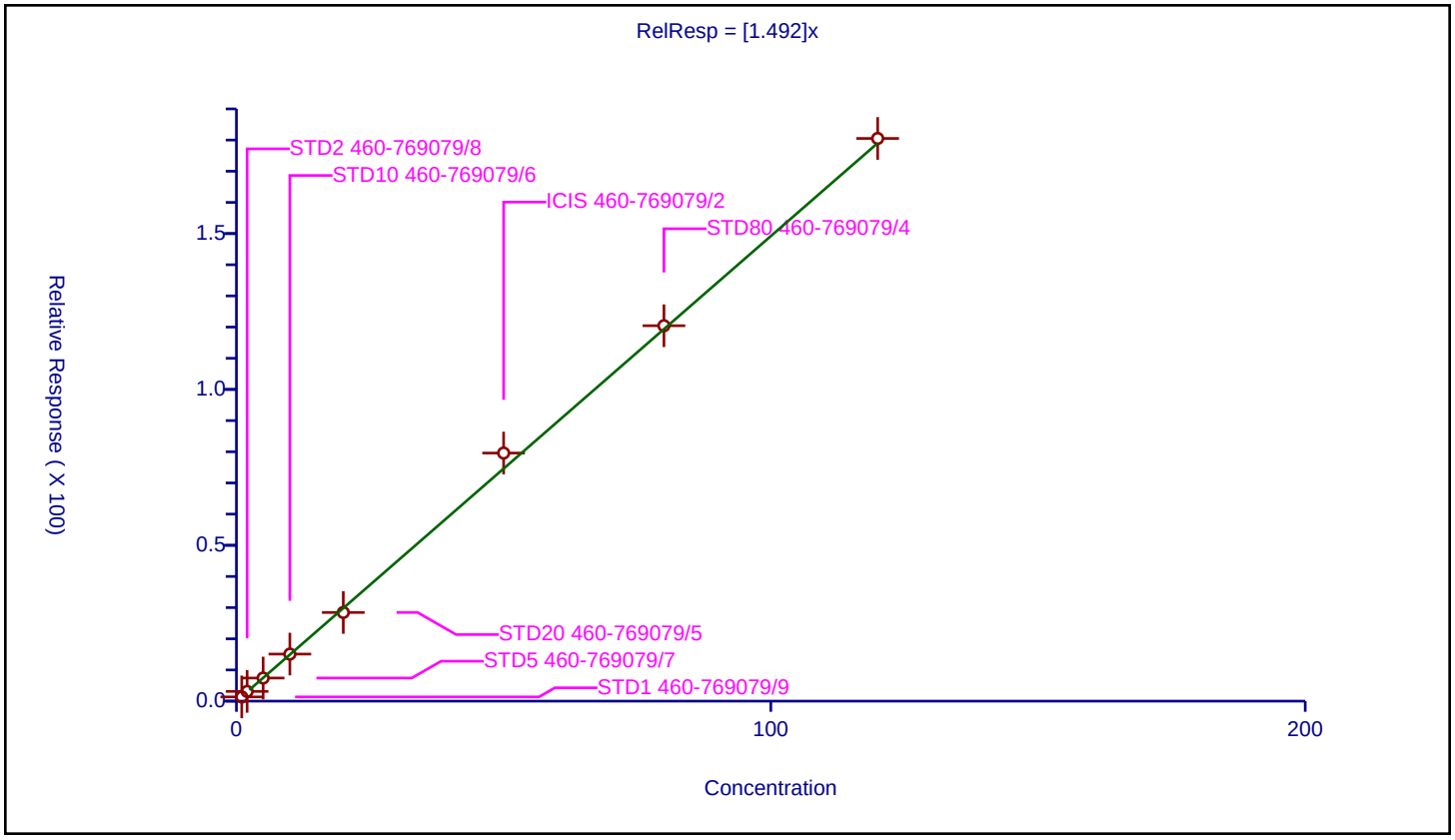
Curve Coefficients

Intercept:	0
Slope:	1.492

Error Coefficients

Standard Error:	177000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769079/9	1.0	1.358441	40.0	76205.0	1.358441	Y
2	STD2 460-769079/8	2.0	3.122116	40.0	81701.0	1.561058	Y
3	STD5 460-769079/7	5.0	7.412693	40.0	76512.0	1.482539	Y
4	STD10 460-769079/6	10.0	15.090875	40.0	79065.0	1.509087	Y
5	STD20 460-769079/5	20.0	28.446591	40.0	78685.0	1.42233	Y
6	ICIS 460-769079/2	50.0	79.590916	40.0	76659.0	1.591818	Y
7	STD80 460-769079/4	80.0	120.442138	40.0	78618.0	1.505527	Y
8	STD120 460-769079/3	120.0	180.512971	40.0	81915.0	1.504275	Y



Calibration / Benzaldehyde

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

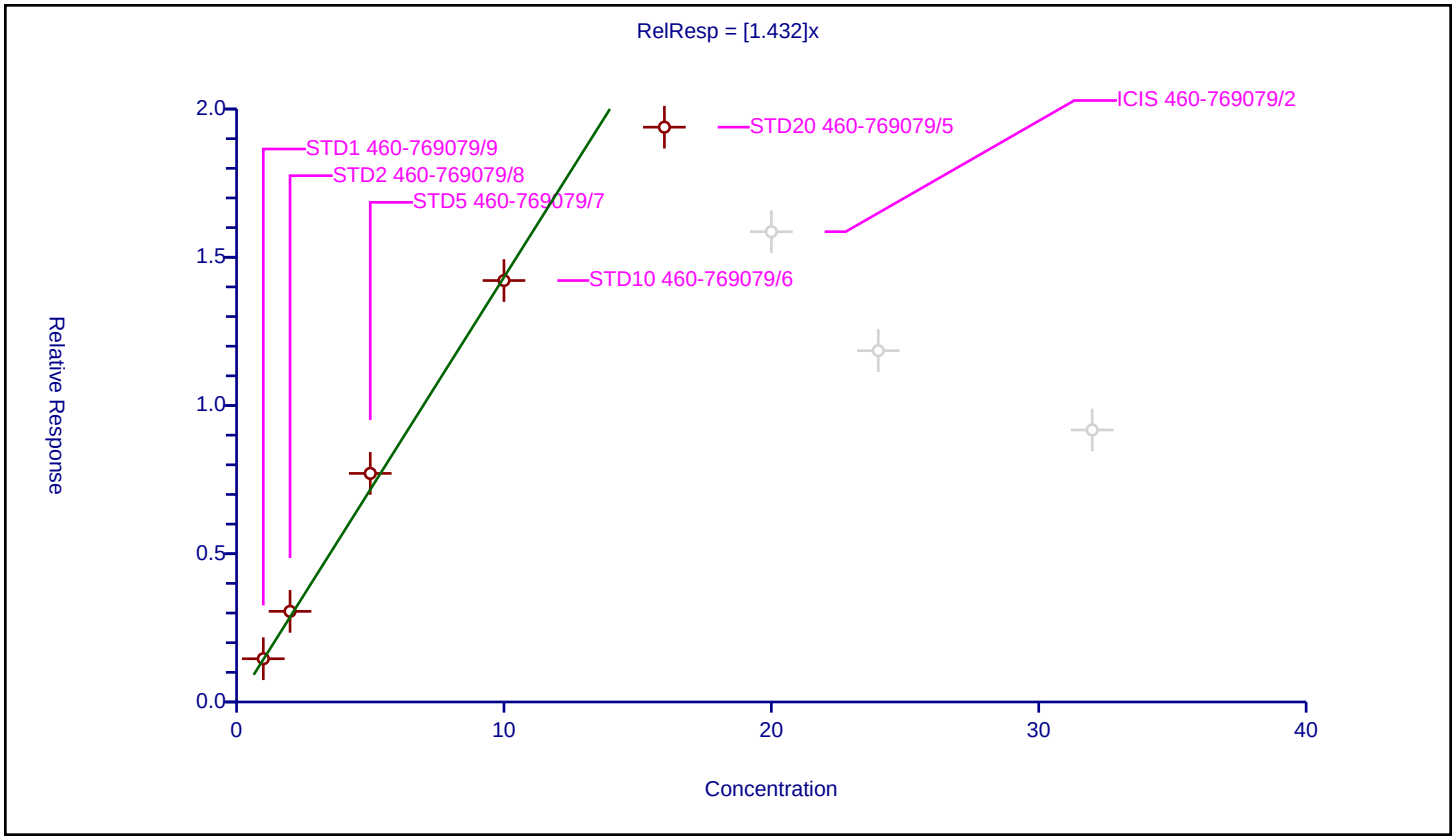
Curve Coefficients

Intercept:	0
Slope:	1.432

Error Coefficients

Standard Error:	25000
Relative Standard Error:	9.3
Correlation Coefficient:	0.986
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769079/9	1.0	1.458697	40.0	76205.0	1.458697	Y
2	STD2 460-769079/8	2.0	3.056511	40.0	81701.0	1.528255	Y
3	STD5 460-769079/7	5.0	7.70964	40.0	76512.0	1.541928	Y
4	STD10 460-769079/6	10.0	14.215139	40.0	79065.0	1.421514	Y
5	STD20 460-769079/5	16.0	19.387177	40.0	78685.0	1.211699	Y
6	ICIS 460-769079/2	20.0	15.862978	40.0	76659.0	0.793149	N
7	STD80 460-769079/4	24.0	11.849704	40.0	78618.0	0.493738	N
8	STD120 460-769079/3	32.0	9.175853	40.0	81915.0	0.286745	N



Calibration / Phenol-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

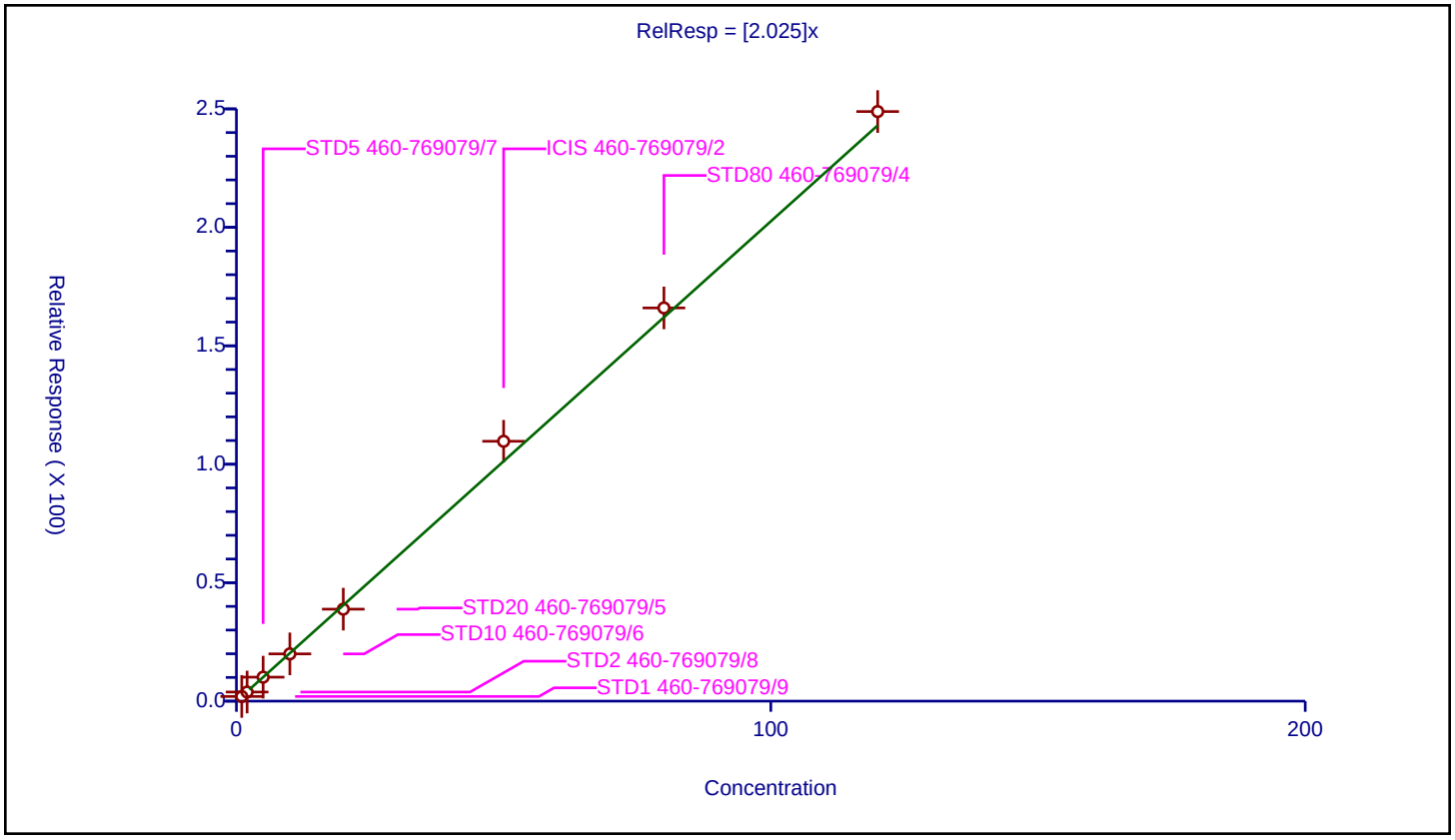
Curve Coefficients

Intercept:	0
Slope:	2.025

Error Coefficients

Standard Error:	244000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769079/9	1.0	1.969949	40.0	76205.0	1.969949	Y
2	STD2 460-769079/8	2.0	3.854053	40.0	81701.0	1.927027	Y
3	STD5 460-769079/7	5.0	10.127039	40.0	76512.0	2.025408	Y
4	STD10 460-769079/6	10.0	19.954721	40.0	79065.0	1.995472	Y
5	STD20 460-769079/5	20.0	38.831798	40.0	78685.0	1.94159	Y
6	ICIS 460-769079/2	50.0	109.695665	40.0	76659.0	2.193913	Y
7	STD80 460-769079/4	80.0	165.985398	40.0	78618.0	2.074817	Y
8	STD120 460-769079/3	120.0	248.87017	40.0	81915.0	2.073918	Y



Calibration / Phenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

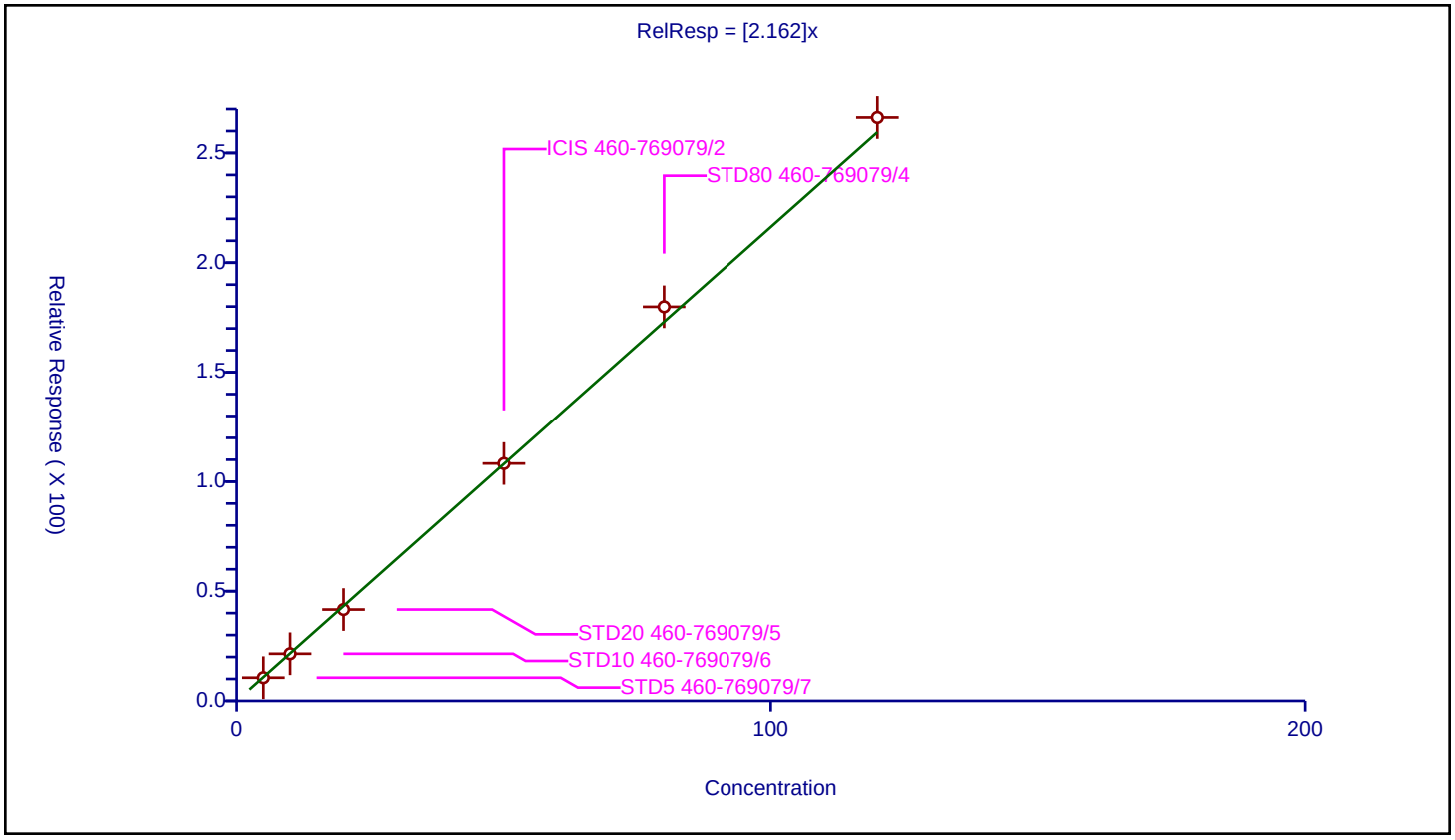
Curve Coefficients

Intercept:	0
Slope:	2.162

Error Coefficients

Standard Error:	308000
Relative Standard Error:	2.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	10.568277	40.0	76512.0	2.113655	Y
2	STD10 460-769079/6	10.0	21.471953	40.0	79065.0	2.147195	Y
3	STD20 460-769079/5	20.0	41.63284	40.0	78685.0	2.081642	Y
4	ICIS 460-769079/2	50.0	108.295177	40.0	76659.0	2.165904	Y
5	STD80 460-769079/4	80.0	179.877891	40.0	78618.0	2.248474	Y
6	STD120 460-769079/3	120.0	266.163218	40.0	81915.0	2.218027	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

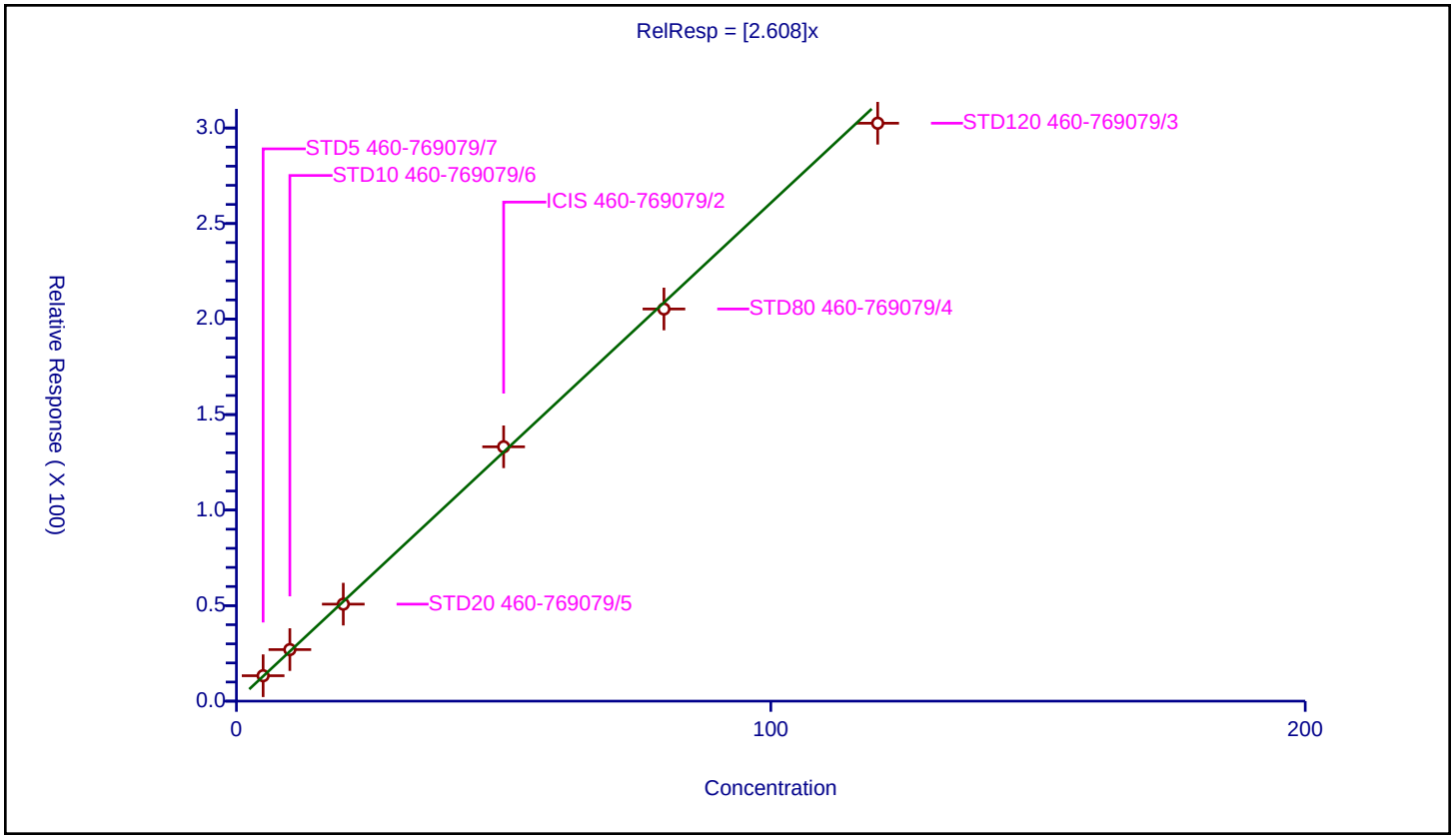
Curve Coefficients

Intercept:	0
Slope:	2.608

Error Coefficients

Standard Error:	353000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	13.303534	40.0	76512.0	2.660707	Y
2	STD10 460-769079/6	10.0	26.980333	40.0	79065.0	2.698033	Y
3	STD20 460-769079/5	20.0	50.772066	40.0	78685.0	2.538603	Y
4	ICIS 460-769079/2	50.0	133.127226	40.0	76659.0	2.662545	Y
5	STD80 460-769079/4	80.0	205.257829	40.0	78618.0	2.565723	Y
6	STD120 460-769079/3	120.0	302.502838	40.0	81915.0	2.520857	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

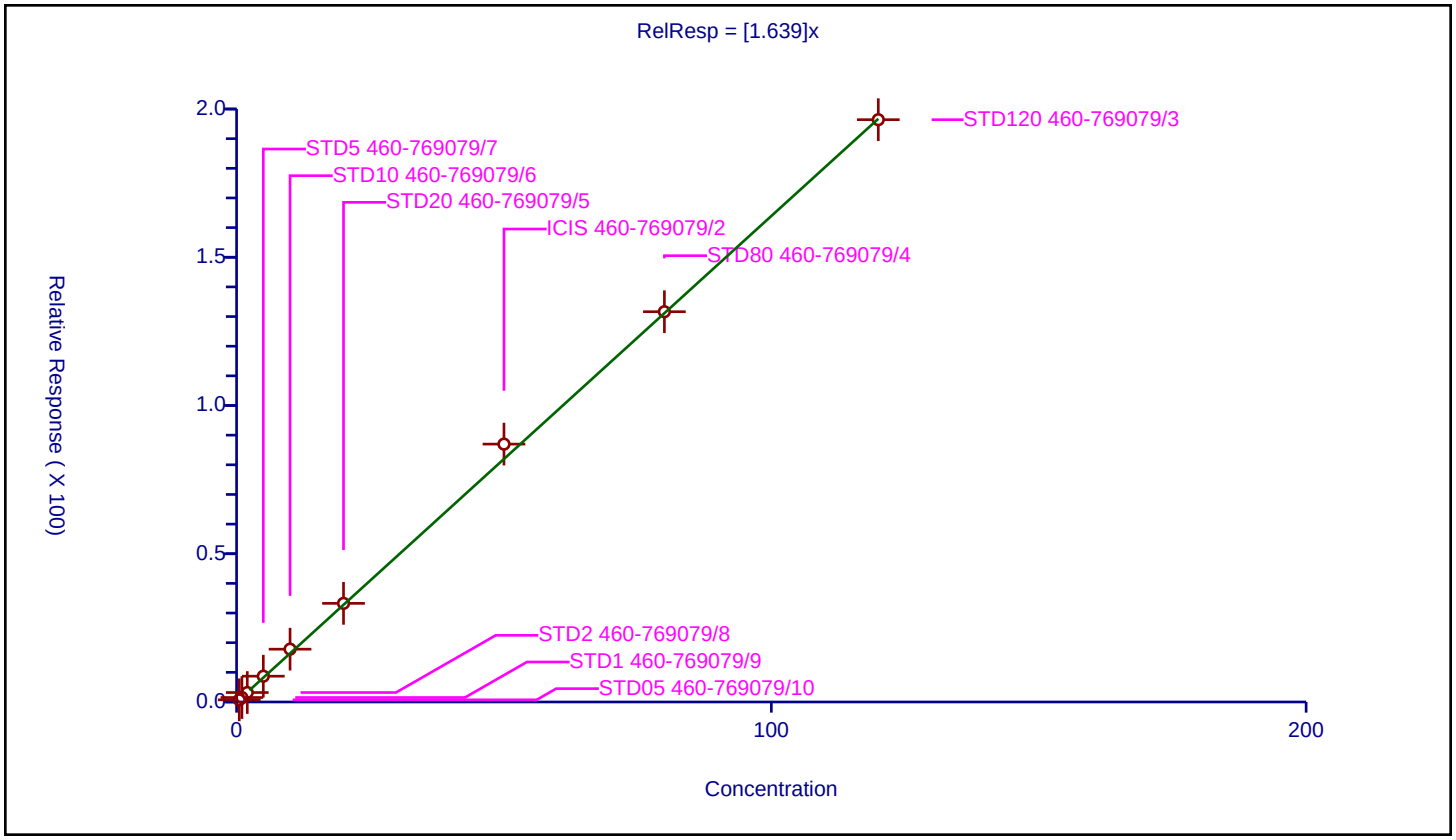
Curve Coefficients

Intercept:	0
Slope:	1.639

Error Coefficients

Standard Error:	181000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.722713	40.0	80862.0	1.445426	Y
2	STD1 460-769079/9	1.0	1.504363	40.0	76205.0	1.504363	Y
3	STD2 460-769079/8	2.0	3.192127	40.0	81701.0	1.596064	Y
4	STD5 460-769079/7	5.0	8.700335	40.0	76512.0	1.740067	Y
5	STD10 460-769079/6	10.0	17.815721	40.0	79065.0	1.781572	Y
6	STD20 460-769079/5	20.0	33.26784	40.0	78685.0	1.663392	Y
7	ICIS 460-769079/2	50.0	86.981046	40.0	76659.0	1.739621	Y
8	STD80 460-769079/4	80.0	131.634486	40.0	78618.0	1.645431	Y
9	STD120 460-769079/3	120.0	196.398218	40.0	81915.0	1.636652	Y



Calibration / 2-Chlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

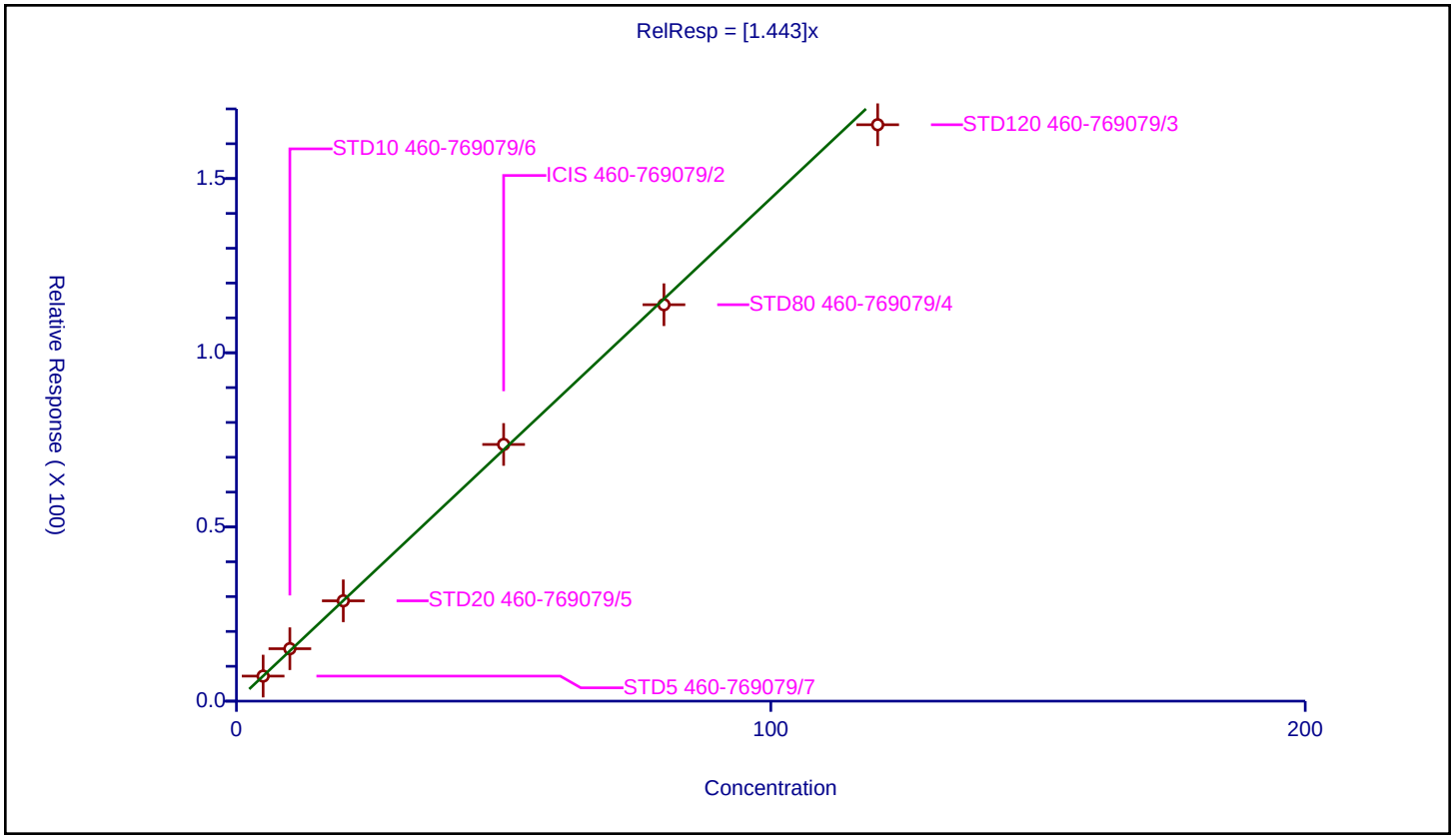
Curve Coefficients

Intercept:	0
Slope:	1.443

Error Coefficients

Standard Error:	194000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	7.19312	40.0	76512.0	1.438624	Y
2	STD10 460-769079/6	10.0	15.050907	40.0	79065.0	1.505091	Y
3	STD20 460-769079/5	20.0	28.794815	40.0	78685.0	1.439741	Y
4	ICIS 460-769079/2	50.0	73.677455	40.0	76659.0	1.473549	Y
5	STD80 460-769079/4	80.0	113.793788	40.0	78618.0	1.422422	Y
6	STD120 460-769079/3	120.0	165.45297	40.0	81915.0	1.378775	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

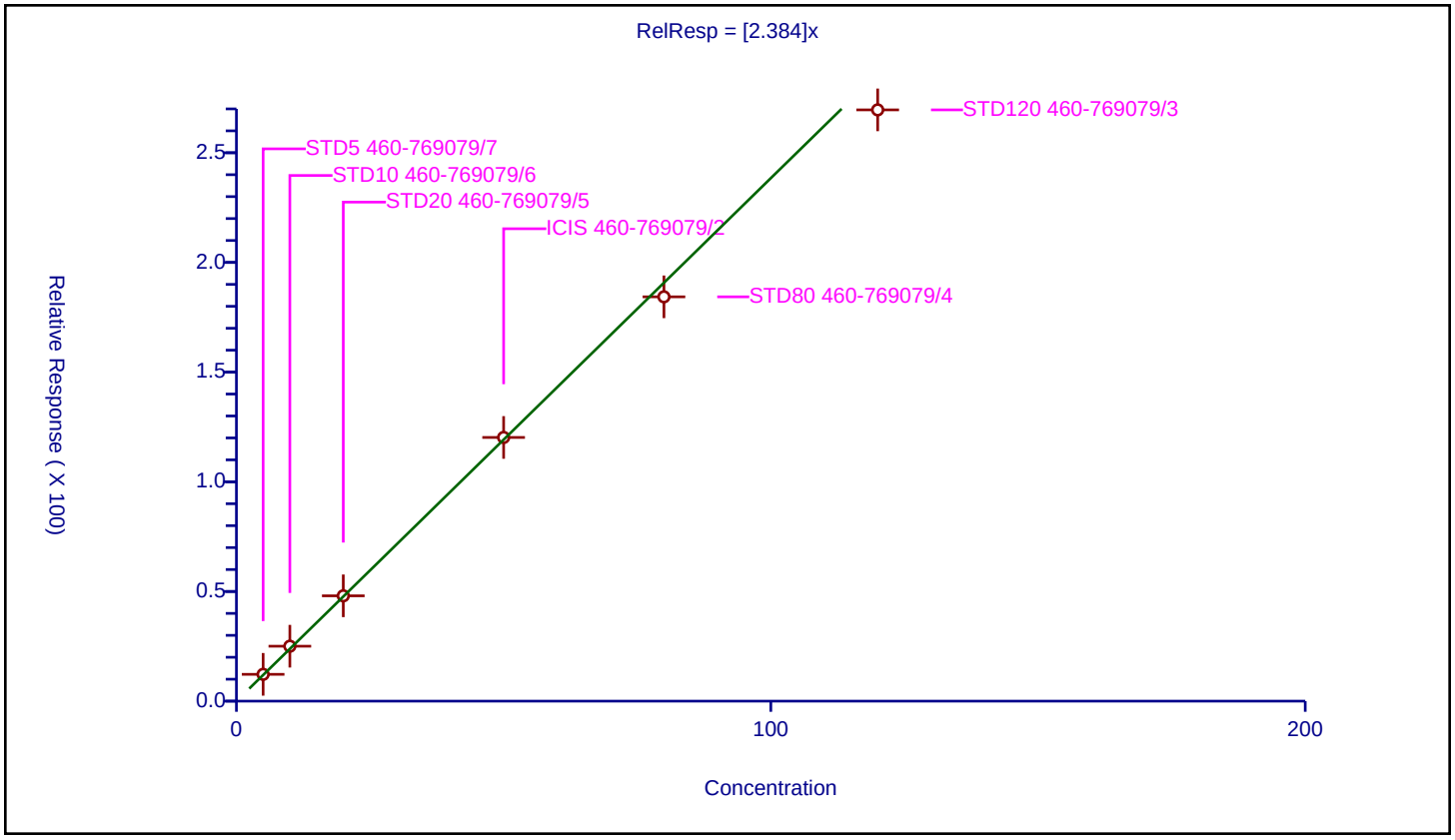
Curve Coefficients

Intercept:	0
Slope:	2.384

Error Coefficients

Standard Error:	316000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	12.226579	40.0	76512.0	2.445316	Y
2	STD10 460-769079/6	10.0	25.044204	40.0	79065.0	2.50442	Y
3	STD20 460-769079/5	20.0	48.014234	40.0	78685.0	2.400712	Y
4	ICIS 460-769079/2	50.0	120.209238	40.0	76659.0	2.404185	Y
5	STD80 460-769079/4	80.0	184.318604	40.0	78618.0	2.303983	Y
6	STD120 460-769079/3	120.0	269.546725	40.0	81915.0	2.246223	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

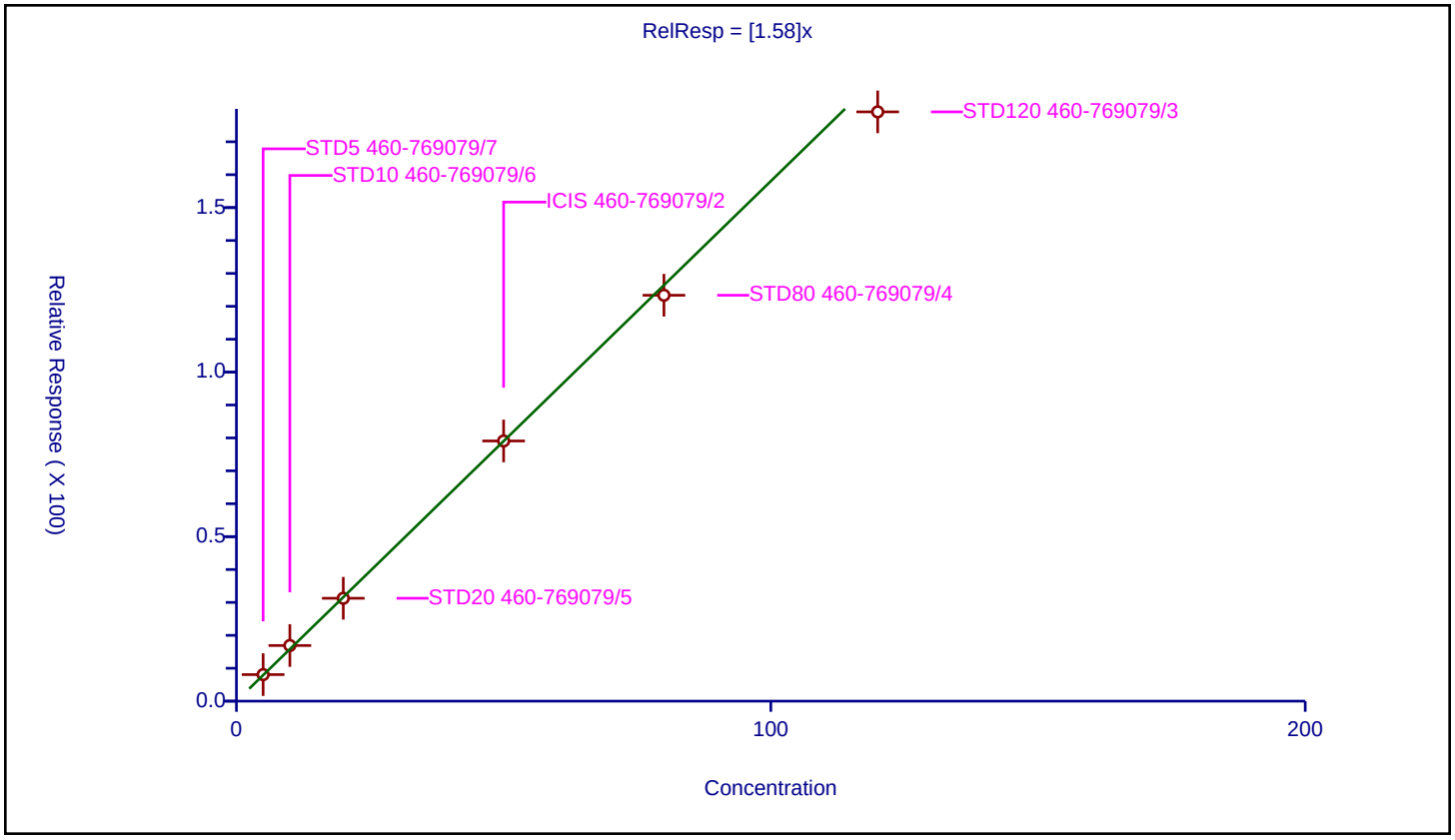
Curve Coefficients

Intercept:	0
Slope:	1.58

Error Coefficients

Standard Error:	210000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	8.063572	40.0	76512.0	1.612714	Y
2	STD10 460-769079/6	10.0	16.90609	40.0	79065.0	1.690609	Y
3	STD20 460-769079/5	20.0	31.2639	40.0	78685.0	1.563195	Y
4	ICIS 460-769079/2	50.0	79.07069	40.0	76659.0	1.581414	Y
5	STD80 460-769079/4	80.0	123.357501	40.0	78618.0	1.541969	Y
6	STD120 460-769079/3	120.0	179.094427	40.0	81915.0	1.492454	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

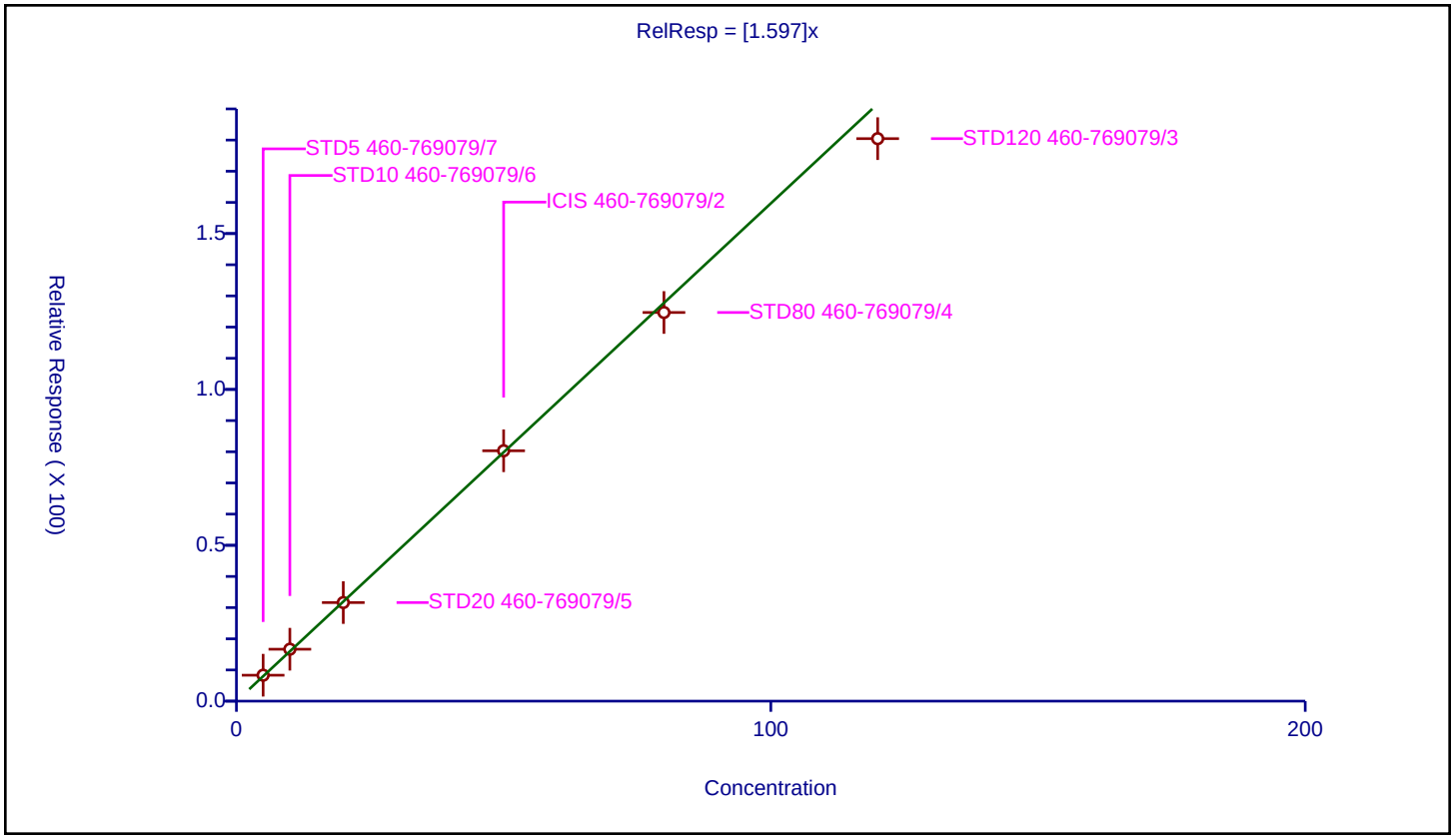
Curve Coefficients

Intercept:	0
Slope:	1.597

Error Coefficients

Standard Error:	212000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	8.321832	40.0	76512.0	1.664366	Y
2	STD10 460-769079/6	10.0	16.659204	40.0	79065.0	1.66592	Y
3	STD20 460-769079/5	20.0	31.627375	40.0	78685.0	1.581369	Y
4	ICIS 460-769079/2	50.0	80.326641	40.0	76659.0	1.606533	Y
5	STD80 460-769079/4	80.0	124.681879	40.0	78618.0	1.558523	Y
6	STD120 460-769079/3	120.0	180.459745	40.0	81915.0	1.503831	Y



Calibration / Benzyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

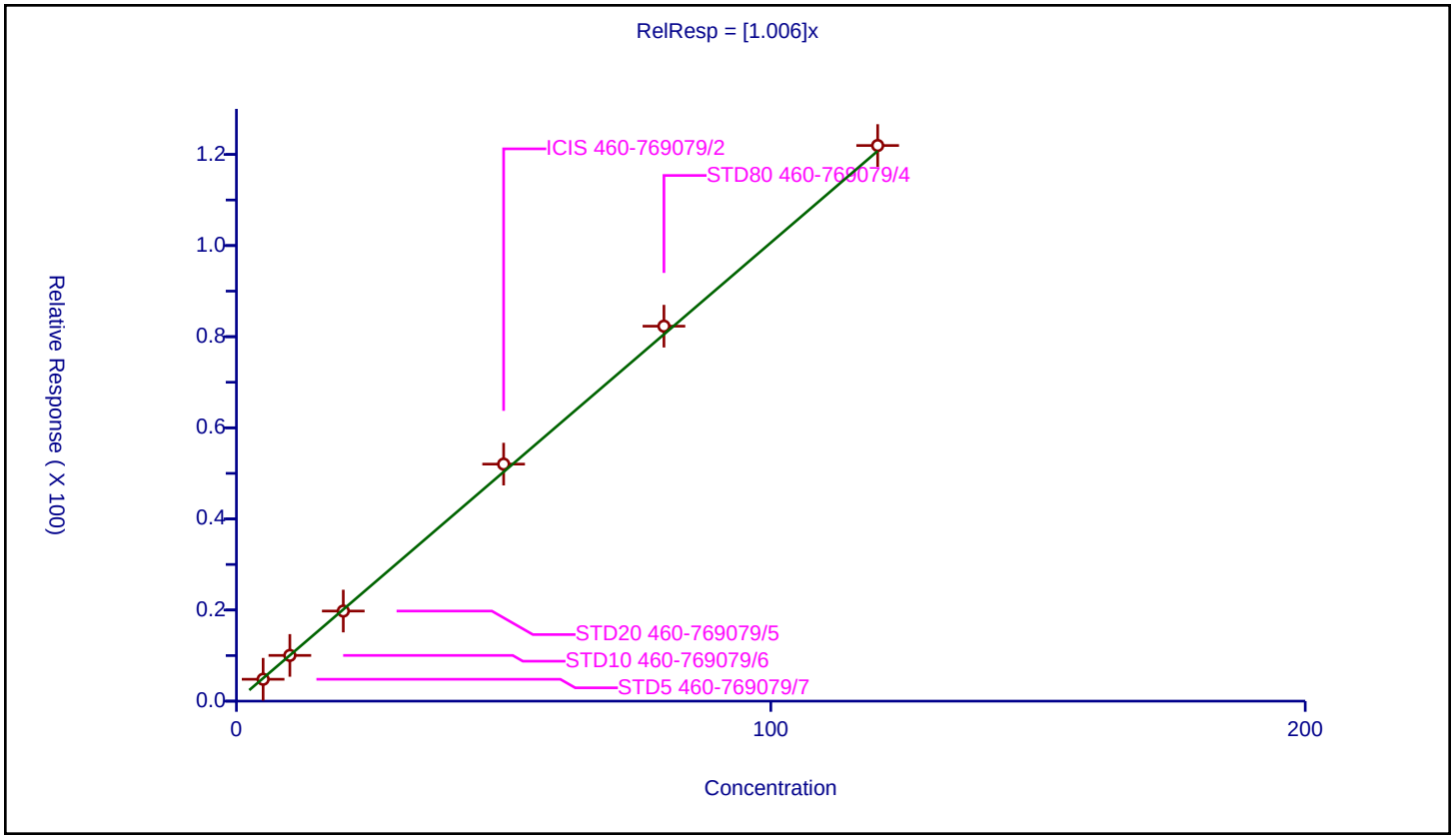
Curve Coefficients

Intercept:	0
Slope:	1.006

Error Coefficients

Standard Error:	142000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	4.79977	40.0	76512.0	0.959954	Y
2	STD10 460-769079/6	10.0	10.036805	40.0	79065.0	1.003681	Y
3	STD20 460-769079/5	20.0	19.774036	40.0	78685.0	0.988702	Y
4	ICIS 460-769079/2	50.0	52.031464	40.0	76659.0	1.040629	Y
5	STD80 460-769079/4	80.0	82.305833	40.0	78618.0	1.028823	Y
6	STD120 460-769079/3	120.0	121.958616	40.0	81915.0	1.016322	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

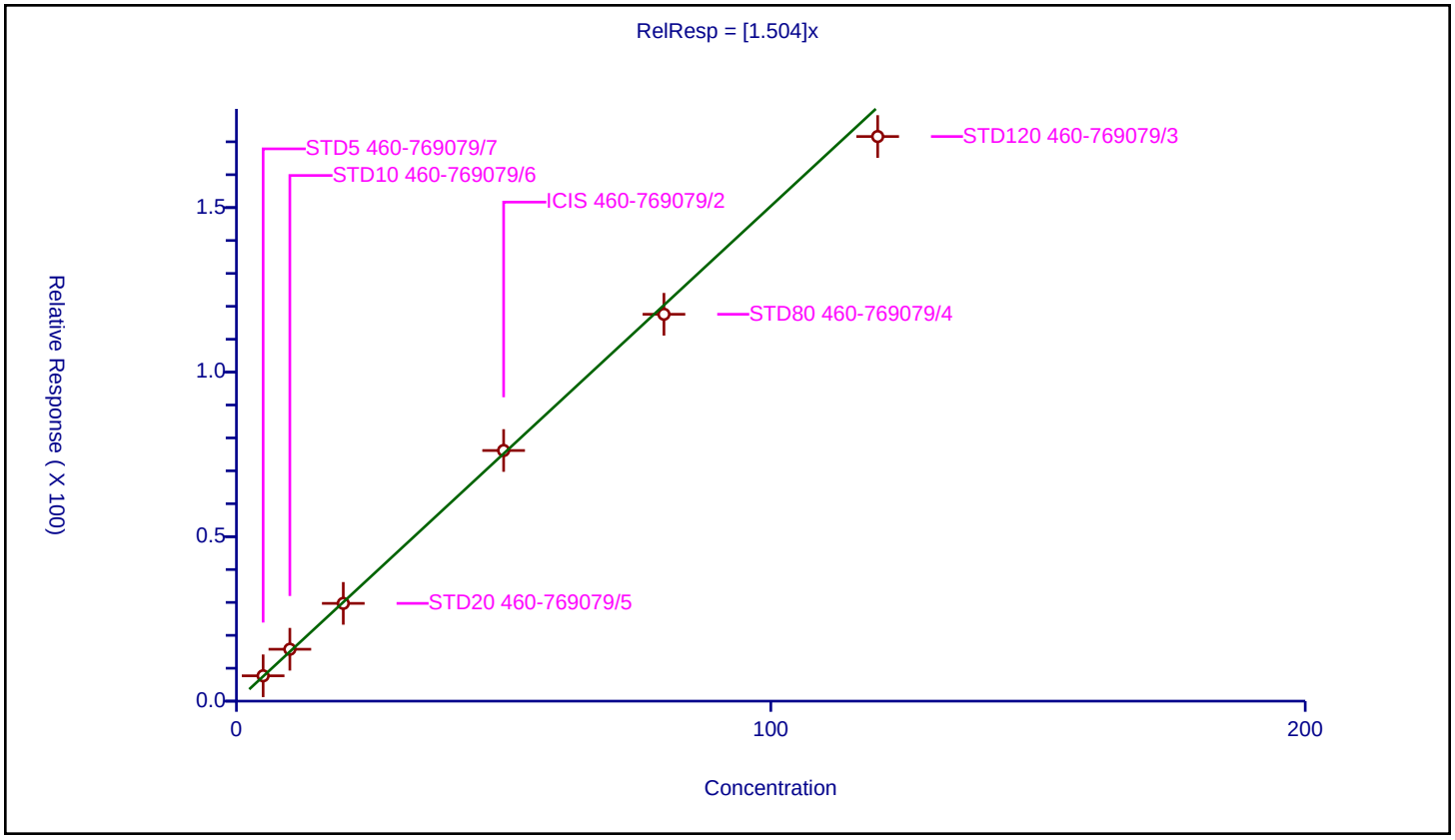
Curve Coefficients

Intercept:	0
Slope:	1.504

Error Coefficients

Standard Error:	201000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	7.702321	40.0	76512.0	1.540464	Y
2	STD10 460-769079/6	10.0	15.772339	40.0	79065.0	1.577234	Y
3	STD20 460-769079/5	20.0	29.712906	40.0	78685.0	1.485645	Y
4	ICIS 460-769079/2	50.0	76.174748	40.0	76659.0	1.523495	Y
5	STD80 460-769079/4	80.0	117.581215	40.0	78618.0	1.469765	Y
6	STD120 460-769079/3	120.0	171.604224	40.0	81915.0	1.430035	Y



Calibration / 2-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

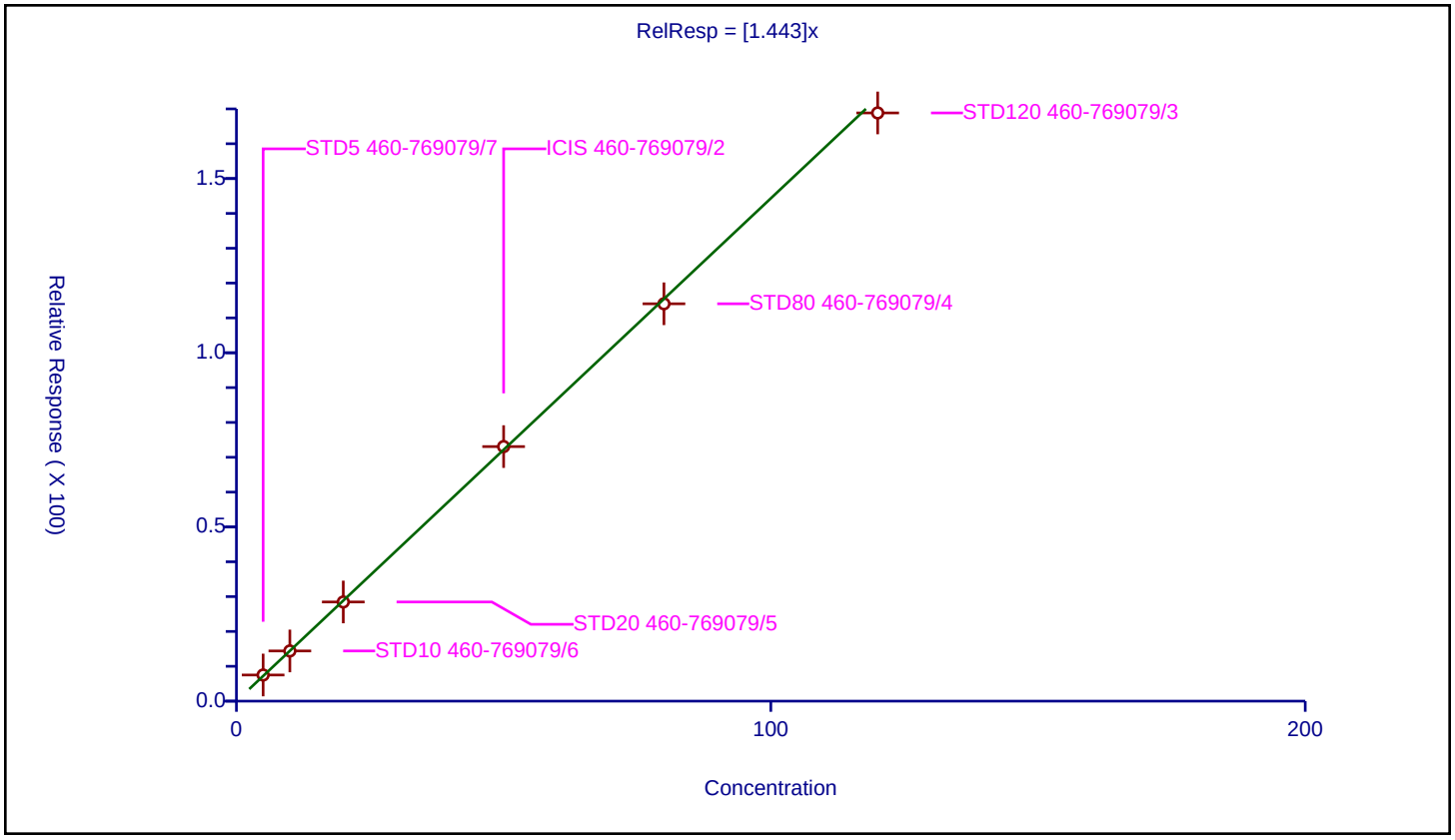
Curve Coefficients

Intercept:	0
Slope:	1.443

Error Coefficients

Standard Error:	197000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	7.503137	40.0	76512.0	1.500627	Y
2	STD10 460-769079/6	10.0	14.409916	40.0	79065.0	1.440992	Y
3	STD20 460-769079/5	20.0	28.466417	40.0	78685.0	1.423321	Y
4	ICIS 460-769079/2	50.0	73.066437	40.0	76659.0	1.461329	Y
5	STD80 460-769079/4	80.0	114.059885	40.0	78618.0	1.425749	Y
6	STD120 460-769079/3	120.0	168.834524	40.0	81915.0	1.406954	Y



Calibration / 2,2'-oxybis[1-chloropropane]

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

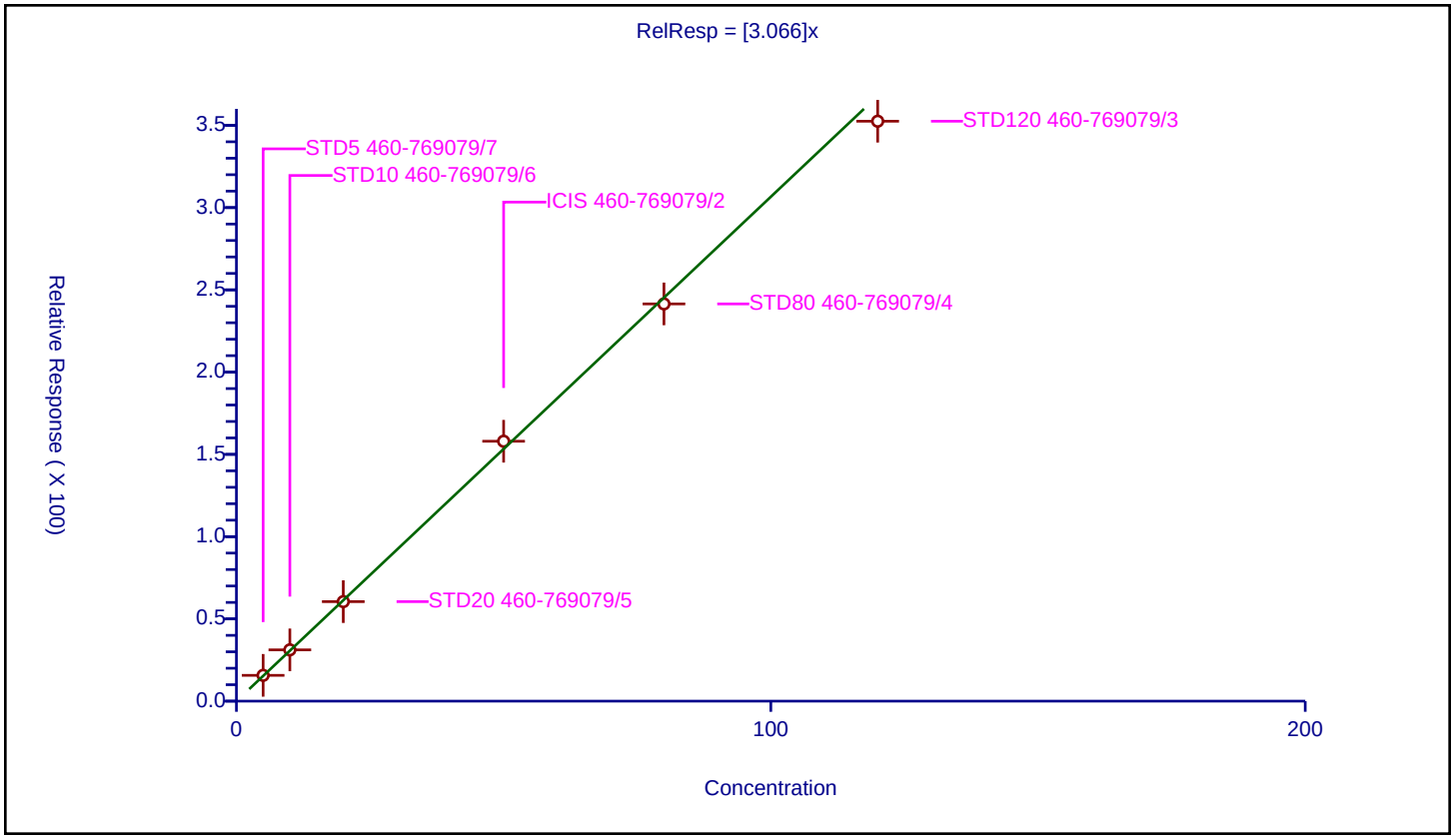
Curve Coefficients

Intercept:	0
Slope:	3.066

Error Coefficients

Standard Error:	414000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	15.682246	40.0	76512.0	3.136449	Y
2	STD10 460-769079/6	10.0	31.173338	40.0	79065.0	3.117334	Y
3	STD20 460-769079/5	20.0	60.487768	40.0	78685.0	3.024388	Y
4	ICIS 460-769079/2	50.0	157.982233	40.0	76659.0	3.159645	Y
5	STD80 460-769079/4	80.0	241.459717	40.0	78618.0	3.018246	Y
6	STD120 460-769079/3	120.0	352.51175	40.0	81915.0	2.937598	Y



Calibration / N-Methylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

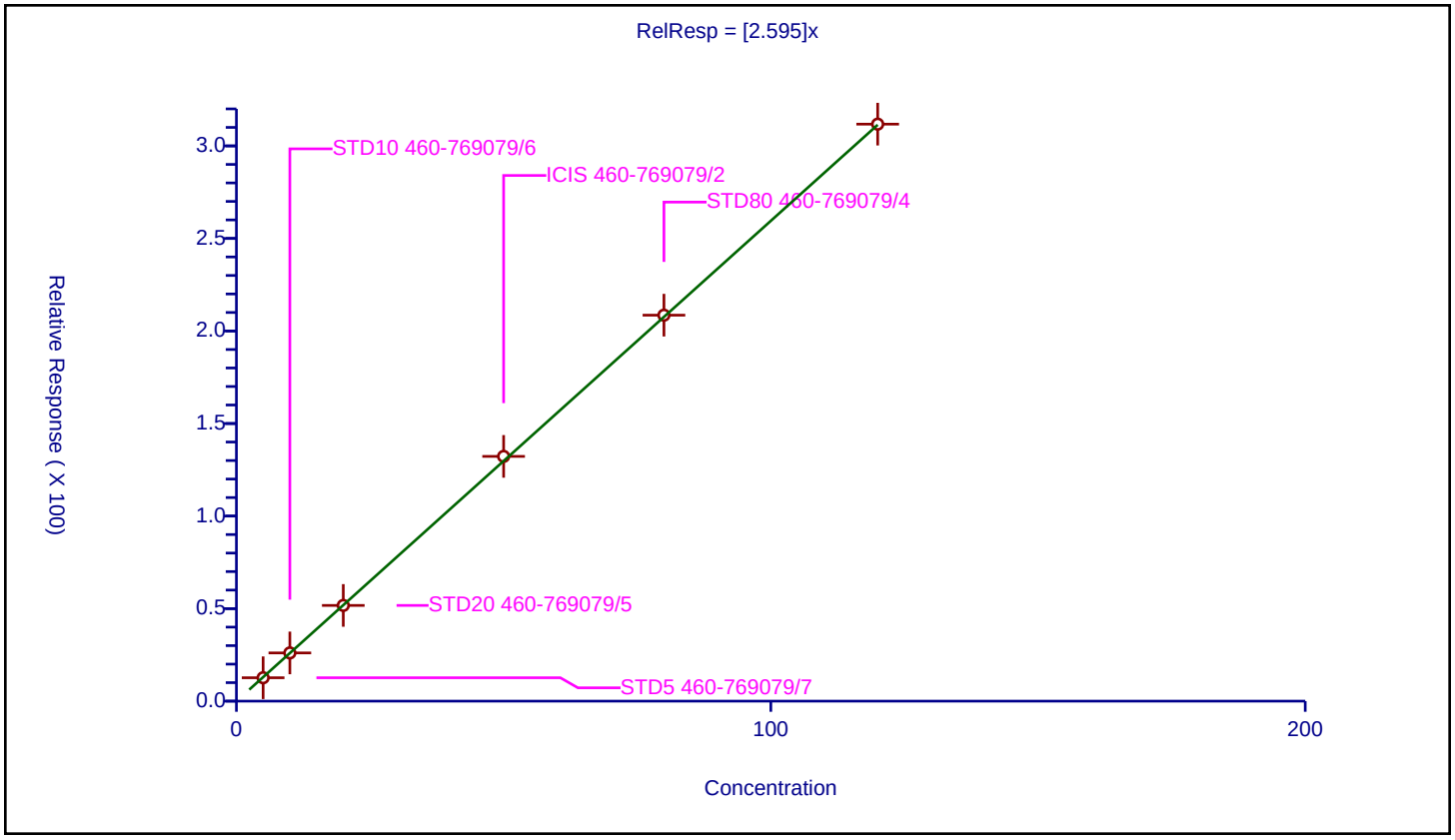
Curve Coefficients

Intercept:	0
Slope:	2.595

Error Coefficients

Standard Error:	361000
Relative Standard Error:	1.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	12.641677	40.0	76512.0	2.528335	Y
2	STD10 460-769079/6	10.0	26.057042	40.0	79065.0	2.605704	Y
3	STD20 460-769079/5	20.0	51.719133	40.0	78685.0	2.585957	Y
4	ICIS 460-769079/2	50.0	132.249573	40.0	76659.0	2.644991	Y
5	STD80 460-769079/4	80.0	208.537485	40.0	78618.0	2.606719	Y
6	STD120 460-769079/3	120.0	311.757798	40.0	81915.0	2.597982	Y



Calibration / Acetophenone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

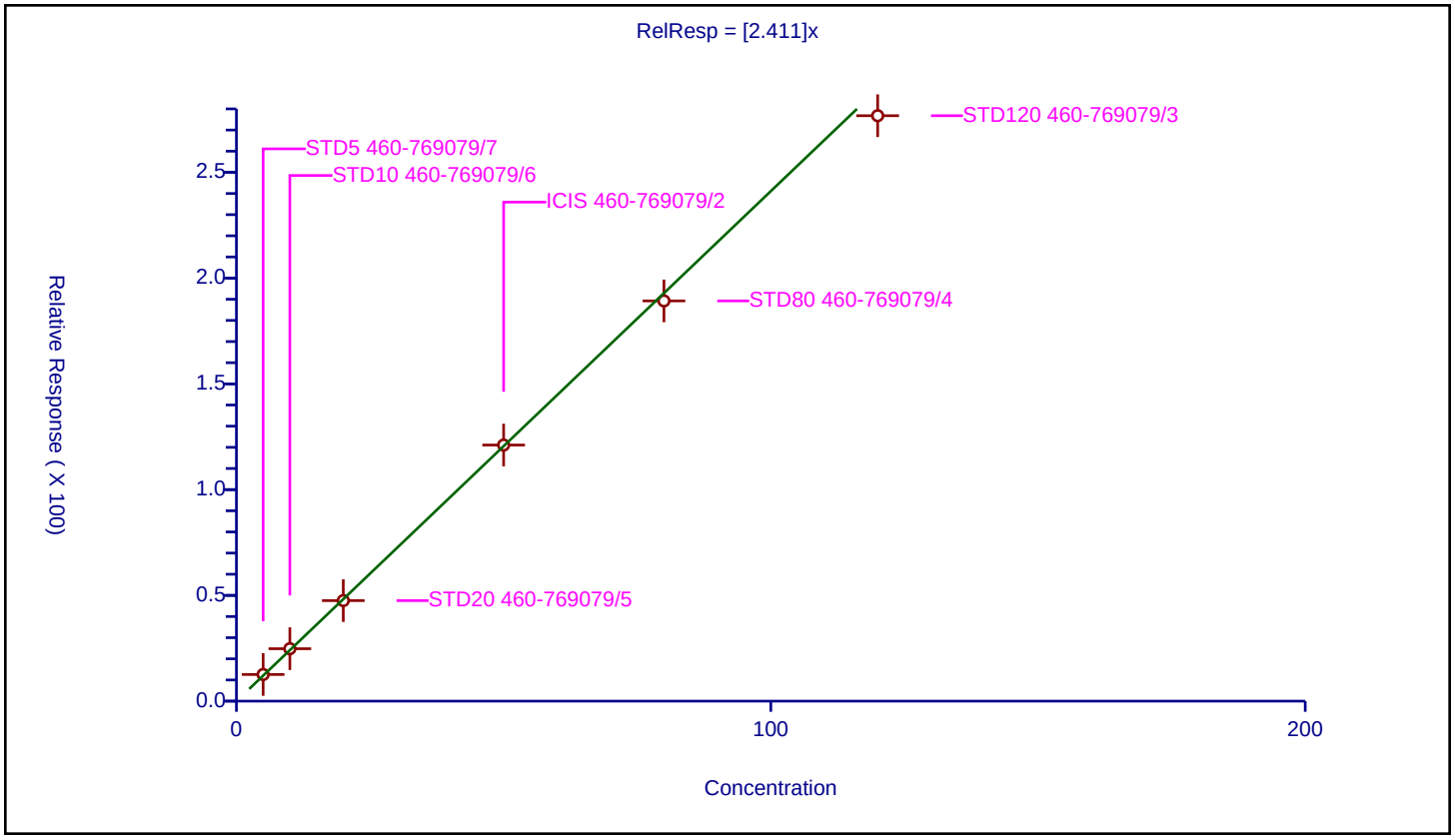
Curve Coefficients

Intercept:	0
Slope:	2.411

Error Coefficients

Standard Error:	324000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	12.592012	40.0	76512.0	2.518402	Y
2	STD10 460-769079/6	10.0	24.783659	40.0	79065.0	2.478366	Y
3	STD20 460-769079/5	20.0	47.525704	40.0	78685.0	2.376285	Y
4	ICIS 460-769079/2	50.0	121.079586	40.0	76659.0	2.421592	Y
5	STD80 460-769079/4	80.0	189.228421	40.0	78618.0	2.365355	Y
6	STD120 460-769079/3	120.0	276.777635	40.0	81915.0	2.30648	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

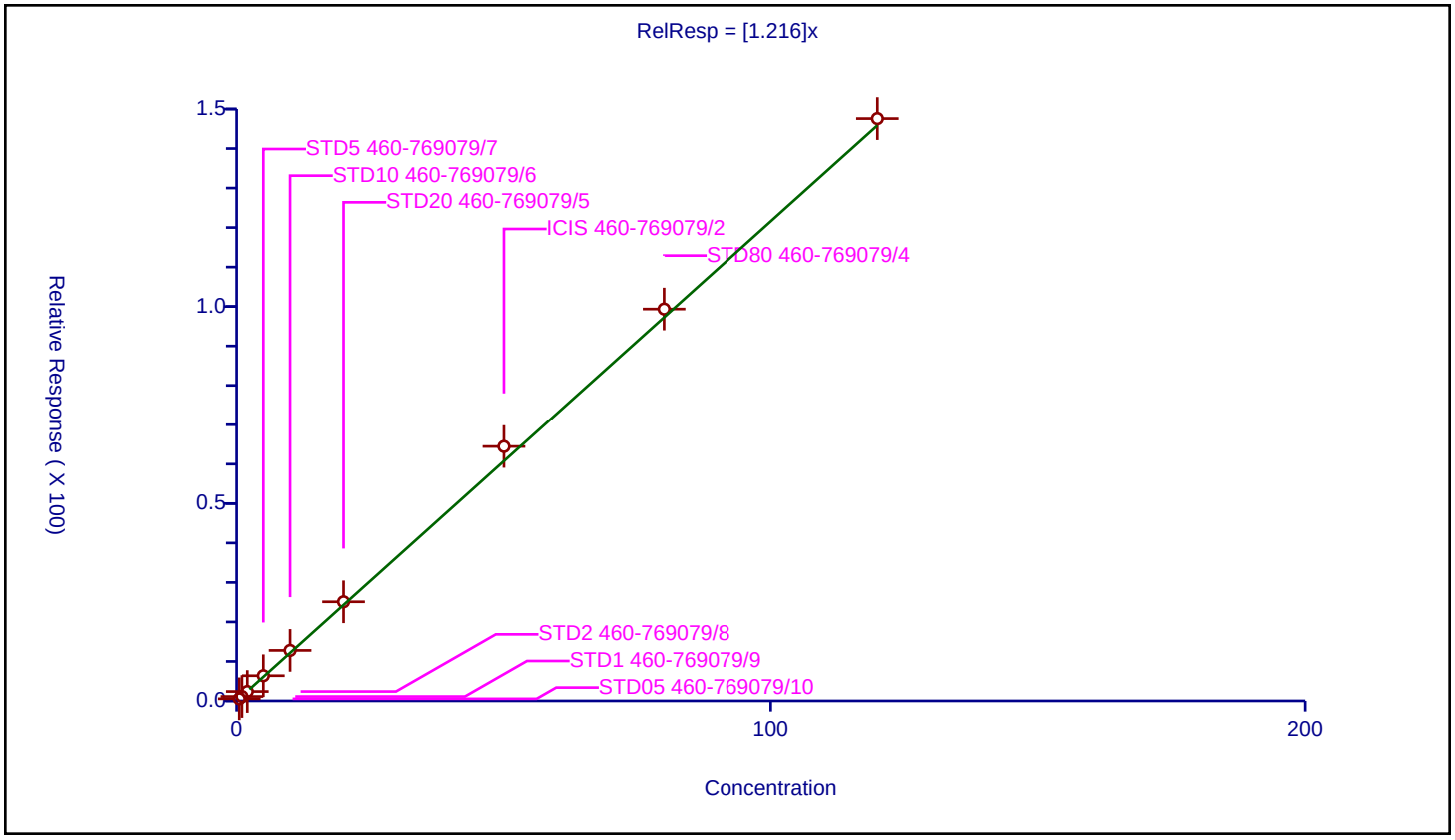
Curve Coefficients

Intercept:	0
Slope:	1.216

Error Coefficients

Standard Error:	136000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.533254	40.0	80862.0	1.066508	Y
2	STD1 460-769079/9	1.0	1.115937	40.0	76205.0	1.115937	Y
3	STD2 460-769079/8	2.0	2.374512	40.0	81701.0	1.187256	Y
4	STD5 460-769079/7	5.0	6.375993	40.0	76512.0	1.275199	Y
5	STD10 460-769079/6	10.0	12.792512	40.0	79065.0	1.279251	Y
6	STD20 460-769079/5	20.0	25.106691	40.0	78685.0	1.255335	Y
7	ICIS 460-769079/2	50.0	64.478274	40.0	76659.0	1.289565	Y
8	STD80 460-769079/4	80.0	99.362487	40.0	78618.0	1.242031	Y
9	STD120 460-769079/3	120.0	147.581273	40.0	81915.0	1.229844	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

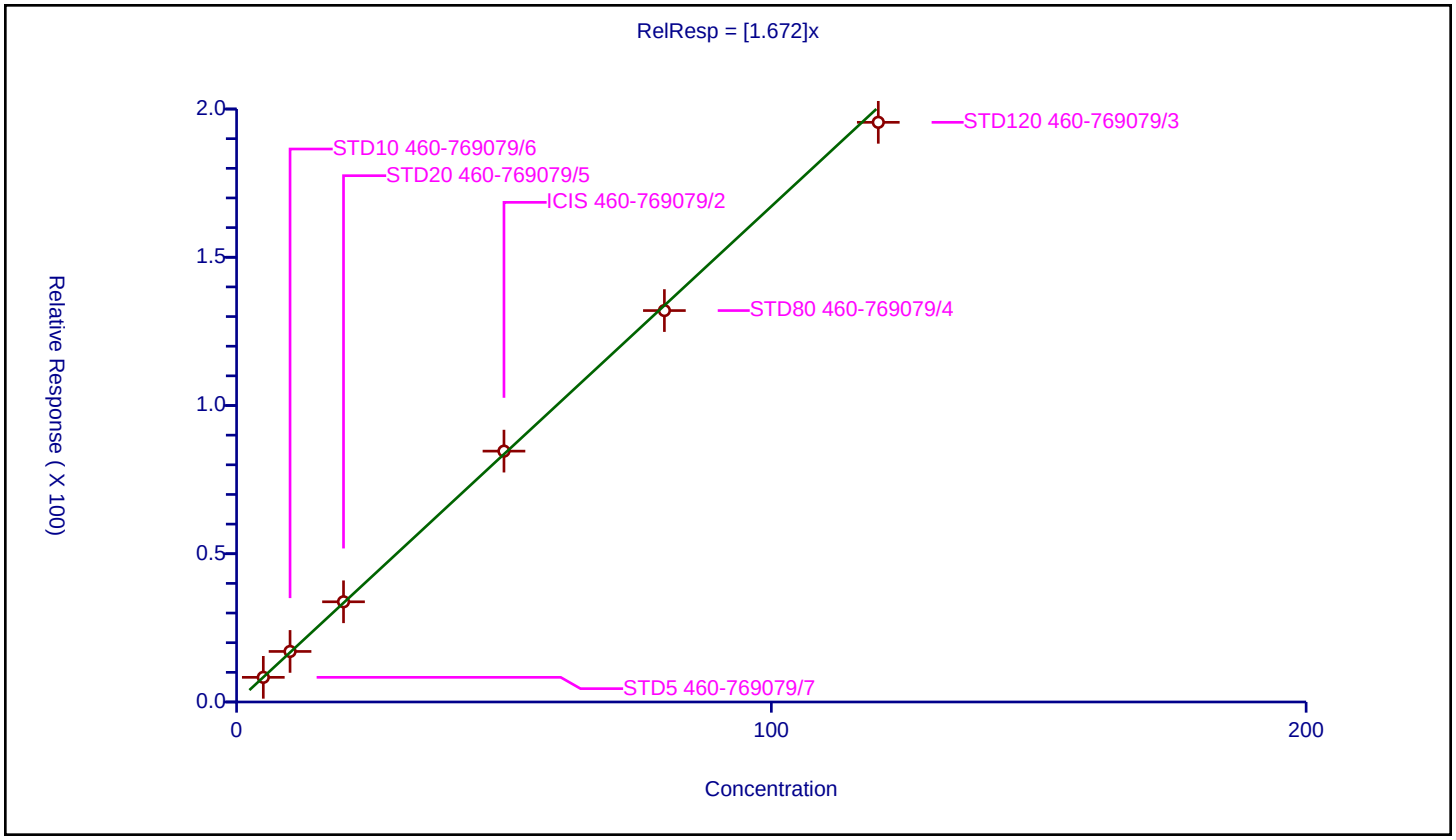
Curve Coefficients

Intercept:	0
Slope:	1.672

Error Coefficients

Standard Error:	228000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	8.318695	40.0	76512.0	1.663739	Y
2	STD10 460-769079/6	10.0	17.046734	40.0	79065.0	1.704673	Y
3	STD20 460-769079/5	20.0	33.796022	40.0	78685.0	1.689801	Y
4	ICIS 460-769079/2	50.0	84.613679	40.0	76659.0	1.692274	Y
5	STD80 460-769079/4	80.0	132.020657	40.0	78618.0	1.650258	Y
6	STD120 460-769079/3	120.0	195.512421	40.0	81915.0	1.62927	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

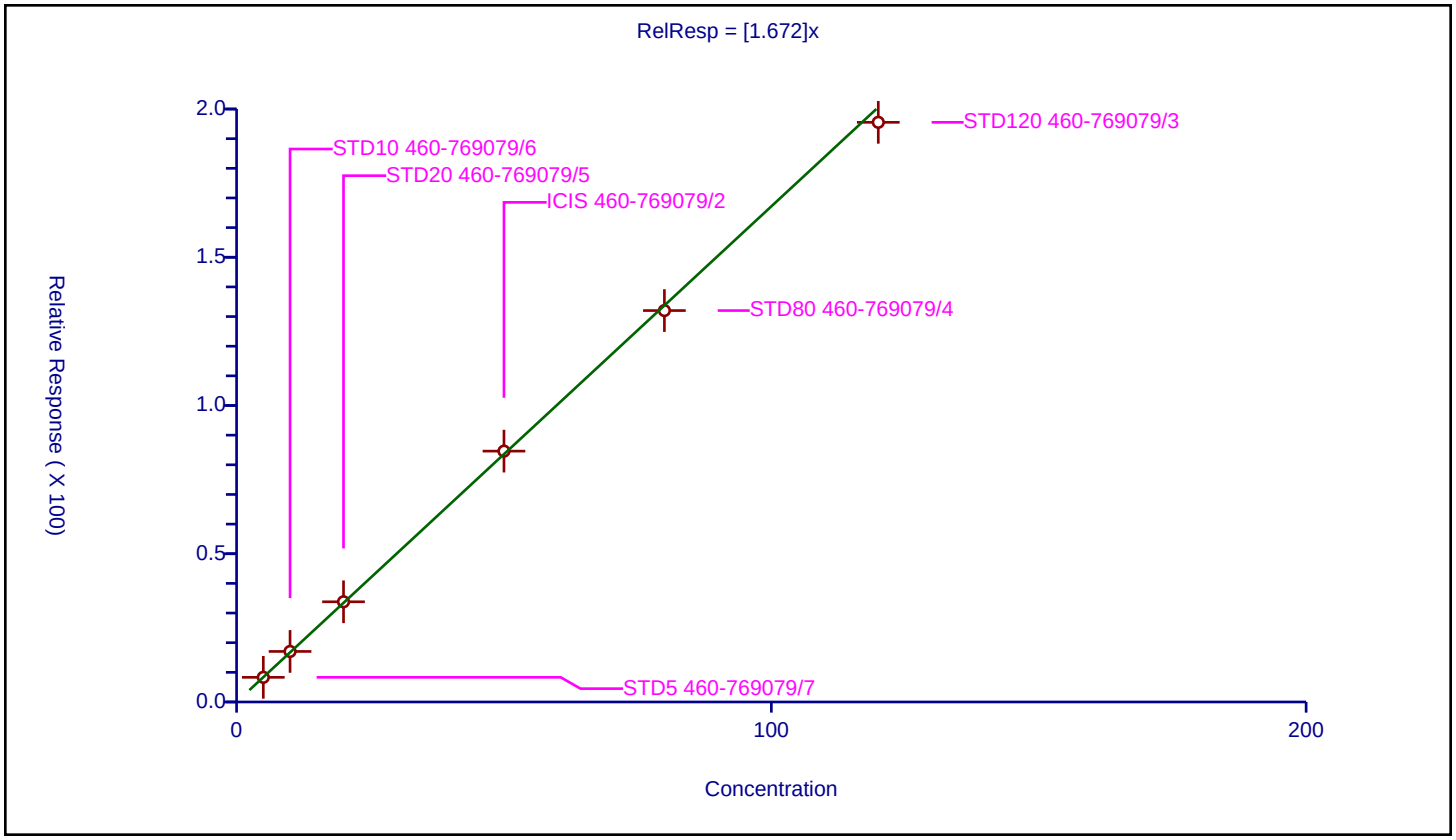
Curve Coefficients

Intercept:	0
Slope:	1.672

Error Coefficients

Standard Error:	228000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	8.318695	40.0	76512.0	1.663739	Y
2	STD10 460-769079/6	10.0	17.046734	40.0	79065.0	1.704673	Y
3	STD20 460-769079/5	20.0	33.796022	40.0	78685.0	1.689801	Y
4	ICIS 460-769079/2	50.0	84.613679	40.0	76659.0	1.692274	Y
5	STD80 460-769079/4	80.0	132.020657	40.0	78618.0	1.650258	Y
6	STD120 460-769079/3	120.0	195.512421	40.0	81915.0	1.62927	Y



Calibration / Hexachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

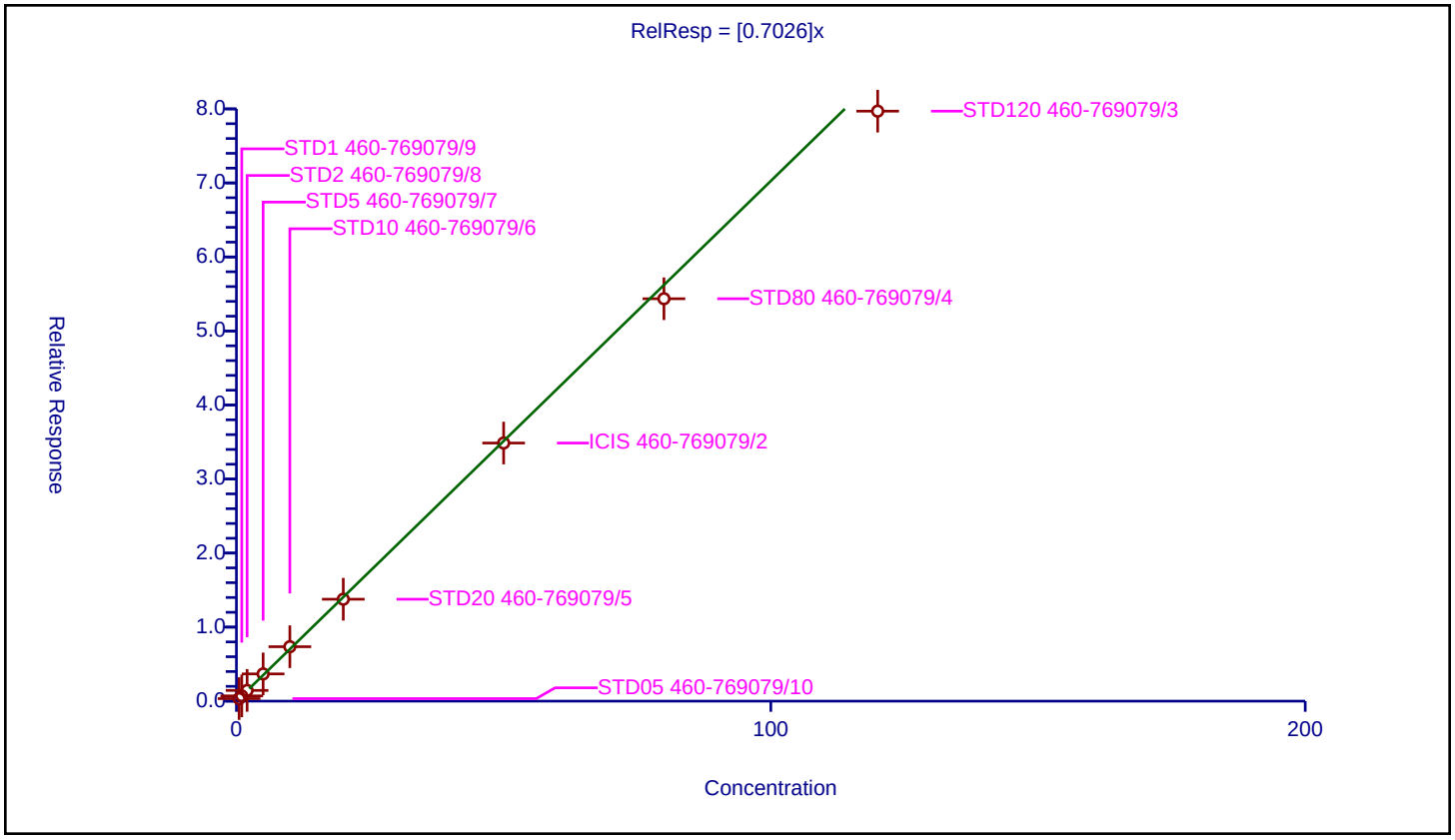
Curve Coefficients

Intercept:	0
Slope:	0.7026

Error Coefficients

Standard Error:	73700
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.344785	40.0	80862.0	0.68957	Y
2	STD1 460-769079/9	1.0	0.71019	40.0	76205.0	0.71019	Y
3	STD2 460-769079/8	2.0	1.447228	40.0	81701.0	0.723614	Y
4	STD5 460-769079/7	5.0	3.679946	40.0	76512.0	0.735989	Y
5	STD10 460-769079/6	10.0	7.35142	40.0	79065.0	0.735142	Y
6	STD20 460-769079/5	20.0	13.768317	40.0	78685.0	0.688416	Y
7	ICIS 460-769079/2	50.0	34.86453	40.0	76659.0	0.697291	Y
8	STD80 460-769079/4	80.0	54.354982	40.0	78618.0	0.679437	Y
9	STD120 460-769079/3	120.0	79.693341	40.0	81915.0	0.664111	Y



Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

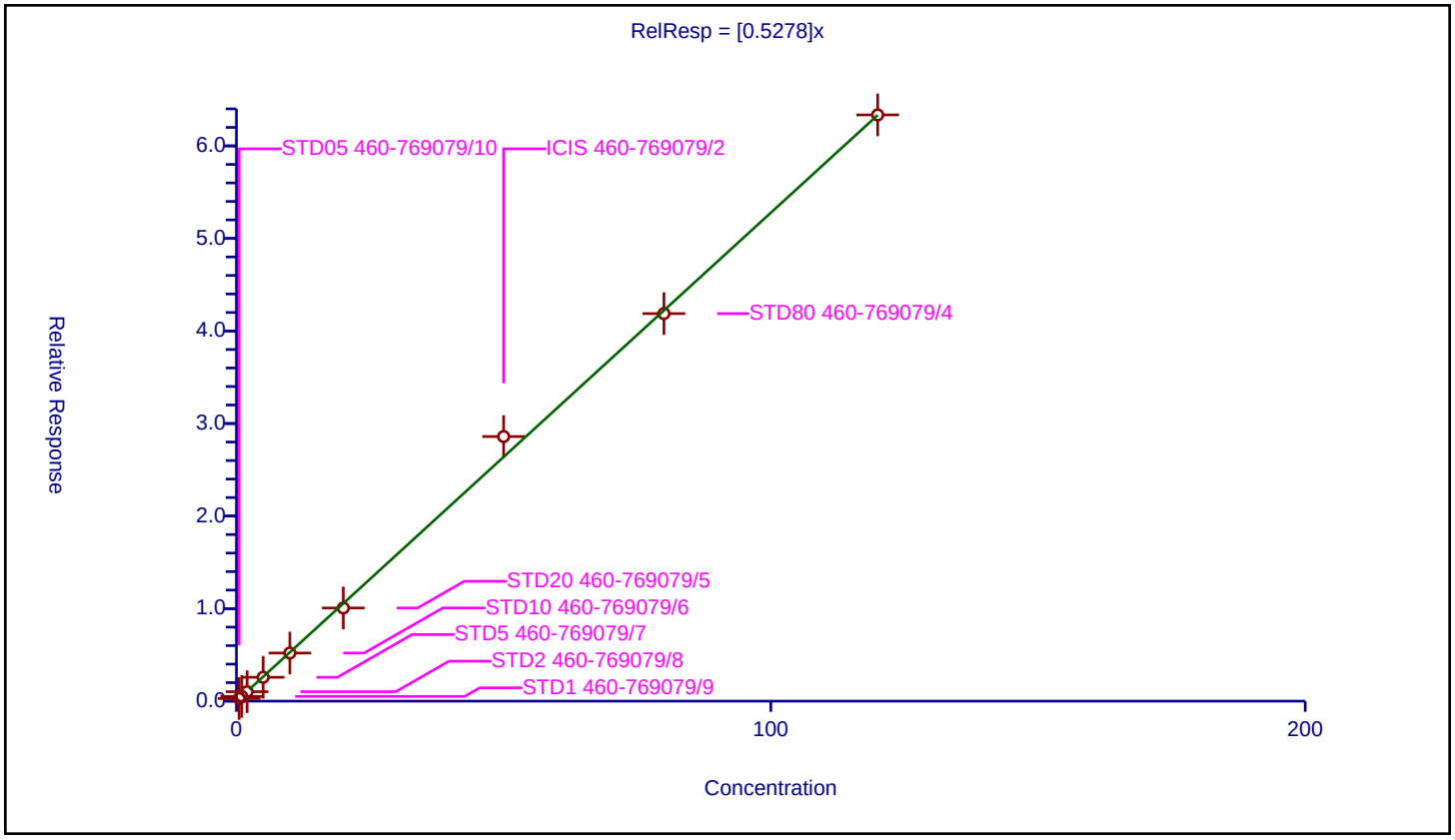
Curve Coefficients

Intercept:	0
Slope:	0.5278

Error Coefficients

Standard Error:	226000
Relative Standard Error:	4.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.283652	40.0	316162.0	0.567304	Y
2	STD1 460-769079/9	1.0	0.510273	40.0	294117.0	0.510273	Y
3	STD2 460-769079/8	2.0	1.020383	40.0	313686.0	0.510192	Y
4	STD5 460-769079/7	5.0	2.578053	40.0	298163.0	0.515611	Y
5	STD10 460-769079/6	10.0	5.198449	40.0	302798.0	0.519845	Y
6	STD20 460-769079/5	20.0	10.065728	40.0	300632.0	0.503286	Y
7	ICIS 460-769079/2	50.0	28.592672	40.0	294551.0	0.571853	Y
8	STD80 460-769079/4	80.0	41.877222	40.0	308051.0	0.523465	Y
9	STD120 460-769079/3	120.0	63.350647	40.0	317867.0	0.527922	Y



Calibration / Nitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

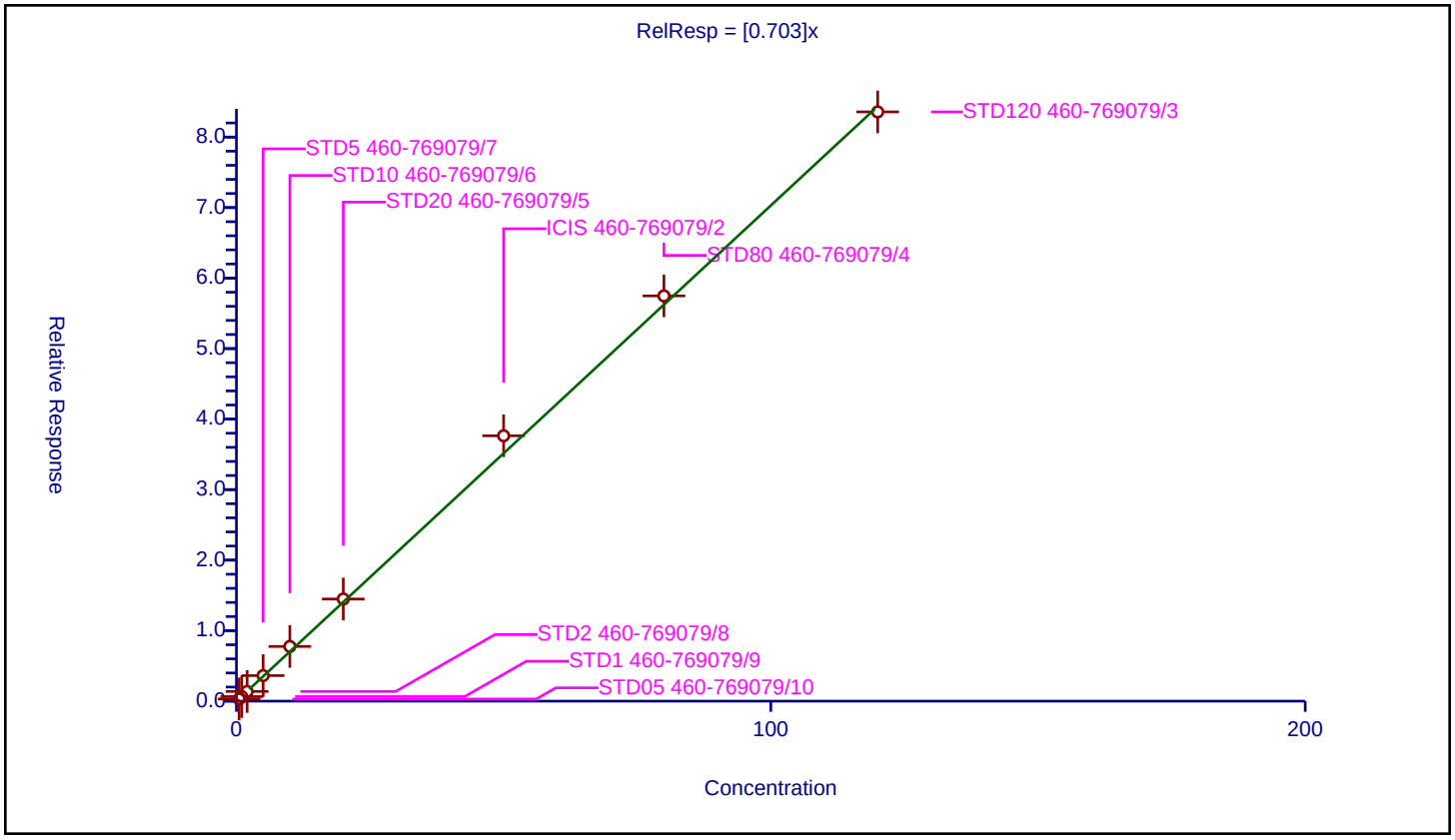
Curve Coefficients

Intercept:	0
Slope:	0.703

Error Coefficients

Standard Error:	77700
Relative Standard Error:	7.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.300265	40.0	80862.0	0.600529	Y
2	STD1 460-769079/9	1.0	0.646152	40.0	76205.0	0.646152	Y
3	STD2 460-769079/8	2.0	1.374769	40.0	81701.0	0.687384	Y
4	STD5 460-769079/7	5.0	3.624529	40.0	76512.0	0.724906	Y
5	STD10 460-769079/6	10.0	7.757162	40.0	79065.0	0.775716	Y
6	STD20 460-769079/5	20.0	14.488149	40.0	78685.0	0.724407	Y
7	ICIS 460-769079/2	50.0	37.637329	40.0	76659.0	0.752747	Y
8	STD80 460-769079/4	80.0	57.477931	40.0	78618.0	0.718474	Y
9	STD120 460-769079/3	120.0	83.574925	40.0	81915.0	0.696458	Y



Calibration / n,n'-Dimethylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

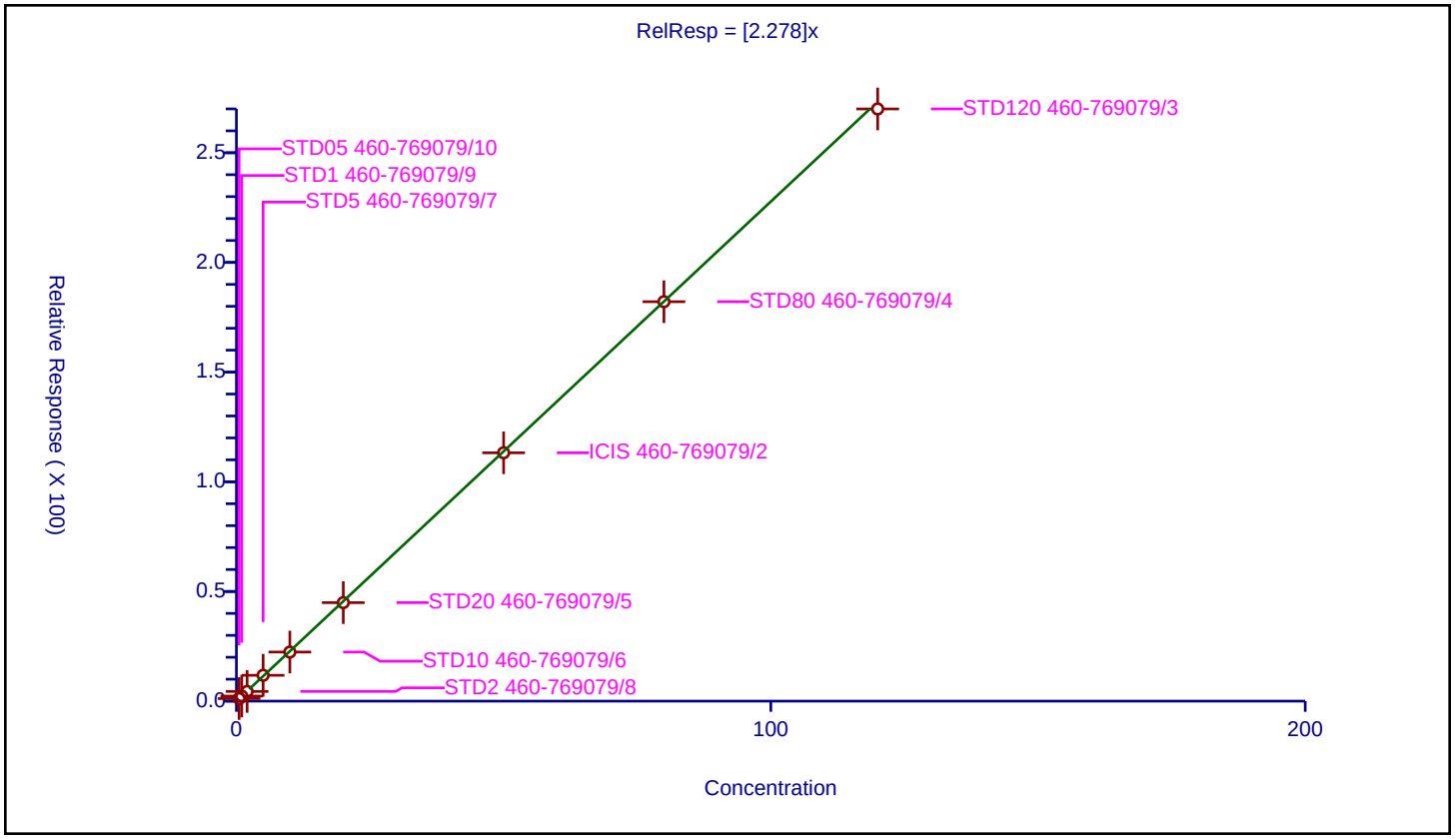
Curve Coefficients

Intercept:	0
Slope:	2.278

Error Coefficients

Standard Error:	248000
Relative Standard Error:	2.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	1.174346	40.0	80862.0	2.348693	Y
2	STD1 460-769079/9	1.0	2.30956	40.0	76205.0	2.30956	Y
3	STD2 460-769079/8	2.0	4.417082	40.0	81701.0	2.208541	Y
4	STD5 460-769079/7	5.0	11.780636	40.0	76512.0	2.356127	Y
5	STD10 460-769079/6	10.0	22.387656	40.0	79065.0	2.238766	Y
6	STD20 460-769079/5	20.0	44.906145	40.0	78685.0	2.245307	Y
7	ICIS 460-769079/2	50.0	113.221409	40.0	76659.0	2.264428	Y
8	STD80 460-769079/4	80.0	182.102318	40.0	78618.0	2.276279	Y
9	STD120 460-769079/3	120.0	269.978392	40.0	81915.0	2.24982	Y



Calibration / Isophorone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

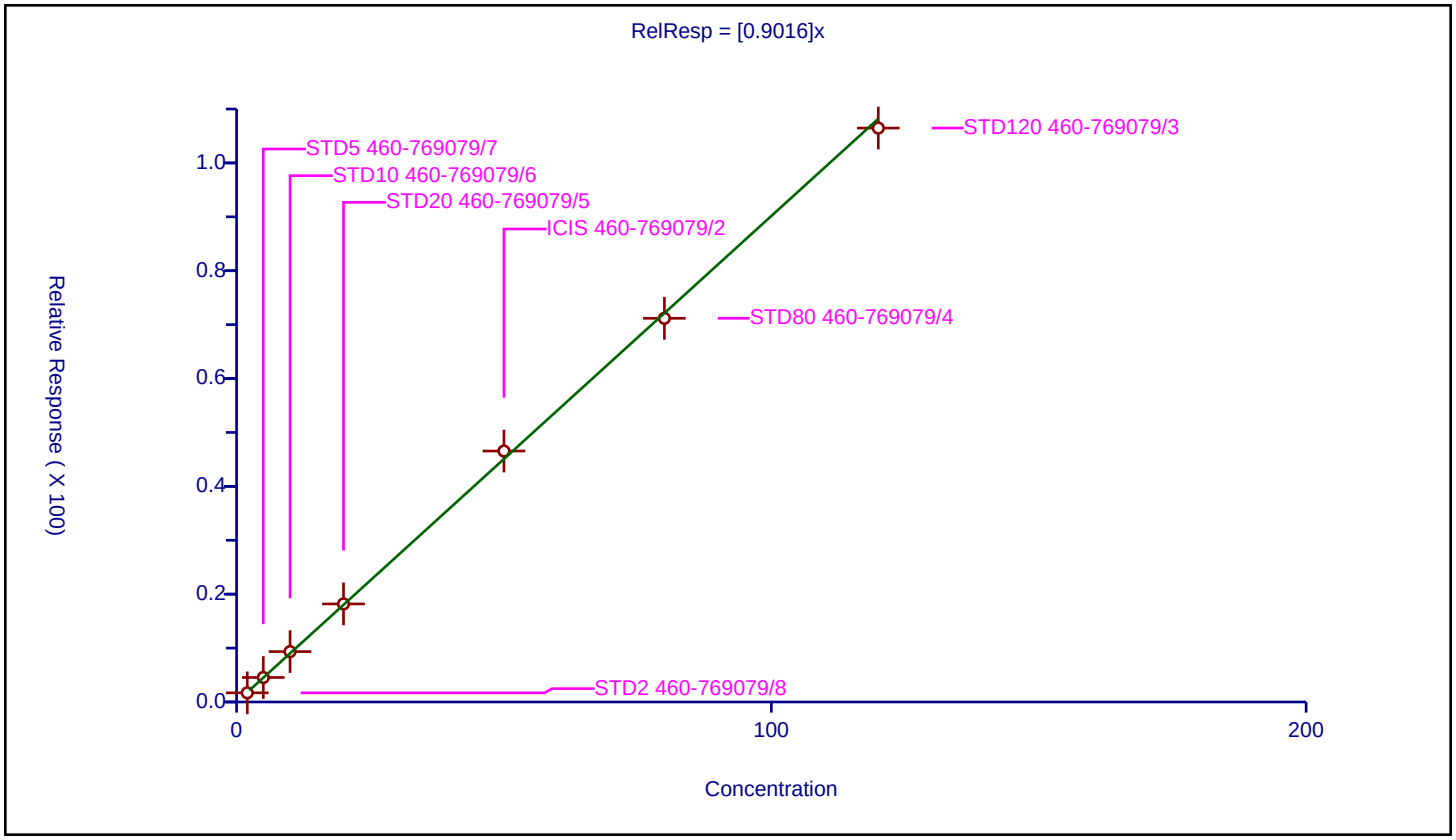
Curve Coefficients

Intercept:	0
Slope:	0.9016

Error Coefficients

Standard Error:	439000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769079/8	2.0	1.700937	40.0	313686.0	0.850468	Y
2	STD5 460-769079/7	5.0	4.541409	40.0	298163.0	0.908282	Y
3	STD10 460-769079/6	10.0	9.34775	40.0	302798.0	0.934775	Y
4	STD20 460-769079/5	20.0	18.191277	40.0	300632.0	0.909564	Y
5	ICIS 460-769079/2	50.0	46.551259	40.0	294551.0	0.931025	Y
6	STD80 460-769079/4	80.0	71.178604	40.0	308051.0	0.889733	Y
7	STD120 460-769079/3	120.0	106.466541	40.0	317867.0	0.887221	Y



Calibration / 2-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

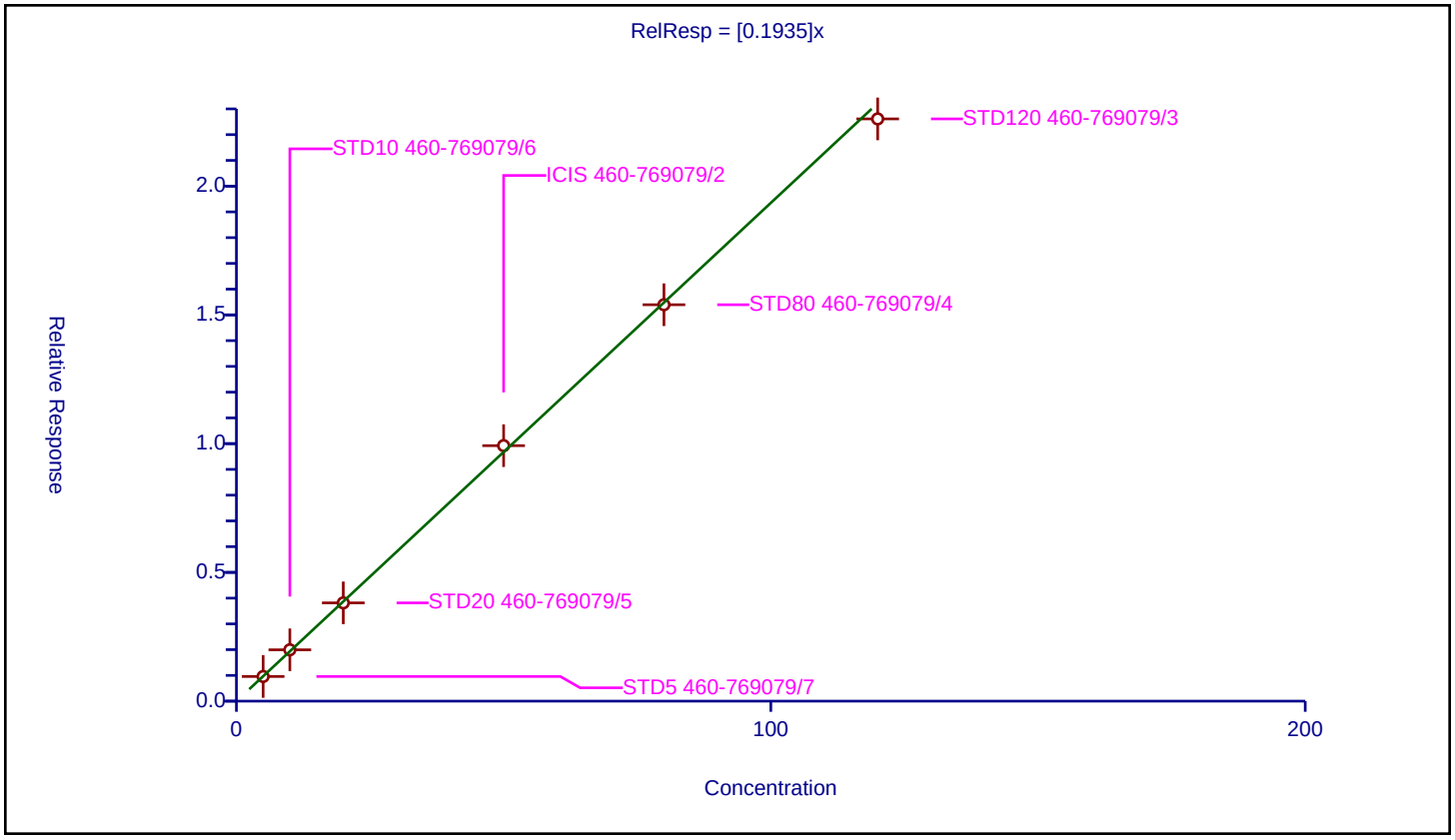
Curve Coefficients

Intercept:	0
Slope:	0.1935

Error Coefficients

Standard Error:	103000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	0.957597	40.0	298163.0	0.191519	Y
2	STD10 460-769079/6	10.0	1.99354	40.0	302798.0	0.199354	Y
3	STD20 460-769079/5	20.0	3.815961	40.0	300632.0	0.190798	Y
4	ICIS 460-769079/2	50.0	9.921542	40.0	294551.0	0.198431	Y
5	STD80 460-769079/4	80.0	15.394074	40.0	308051.0	0.192426	Y
6	STD120 460-769079/3	120.0	22.610715	40.0	317867.0	0.188423	Y



Calibration / 2,4-Dimethylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

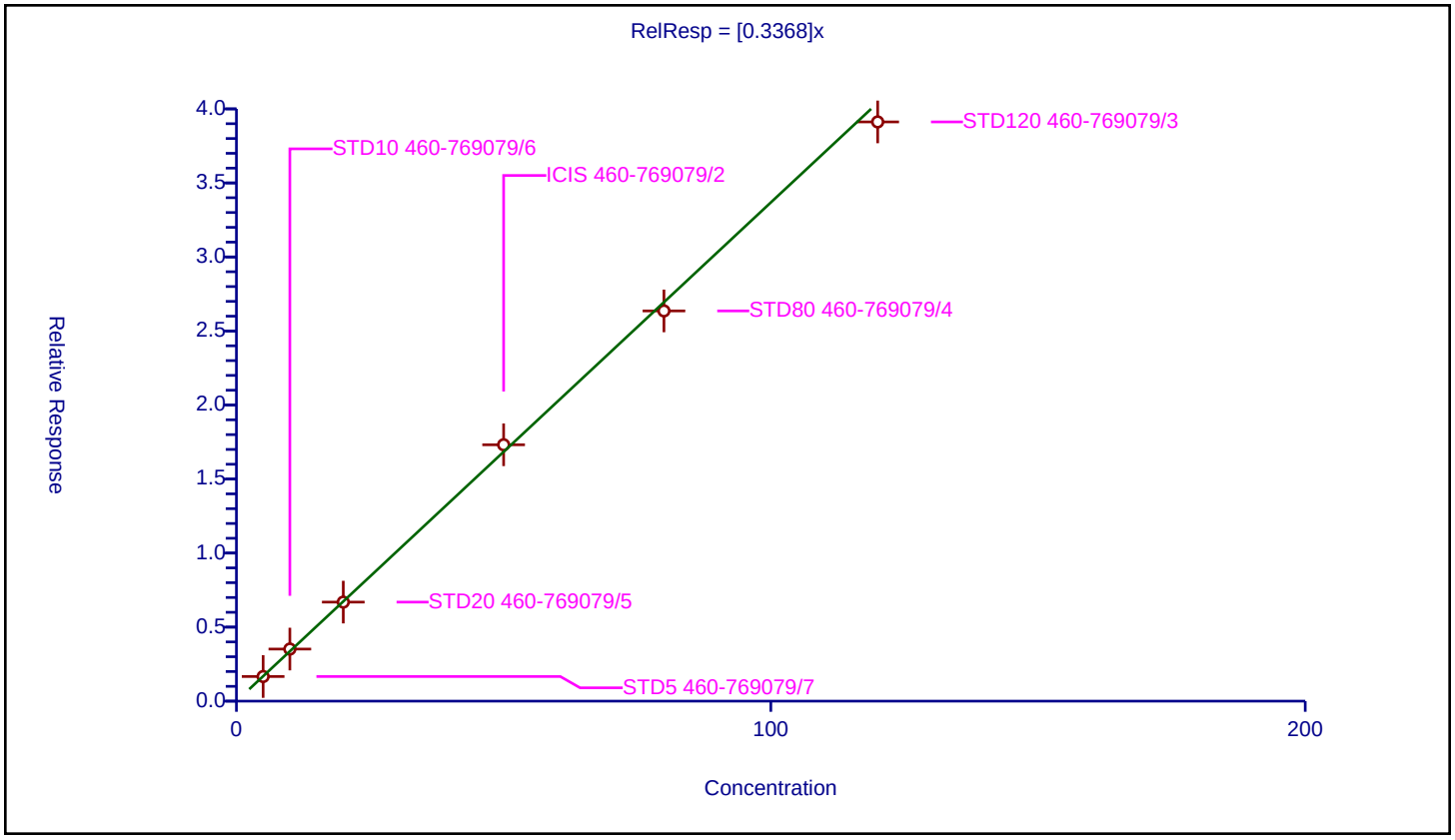
Curve Coefficients

Intercept:	0
Slope:	0.3368

Error Coefficients

Standard Error:	177000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	1.663385	40.0	298163.0	0.332677	Y
2	STD10 460-769079/6	10.0	3.518517	40.0	302798.0	0.351852	Y
3	STD20 460-769079/5	20.0	6.68831	40.0	300632.0	0.334415	Y
4	ICIS 460-769079/2	50.0	17.315575	40.0	294551.0	0.346312	Y
5	STD80 460-769079/4	80.0	26.356285	40.0	308051.0	0.329454	Y
6	STD120 460-769079/3	120.0	39.121016	40.0	317867.0	0.326008	Y



Calibration / Benzoic acid

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

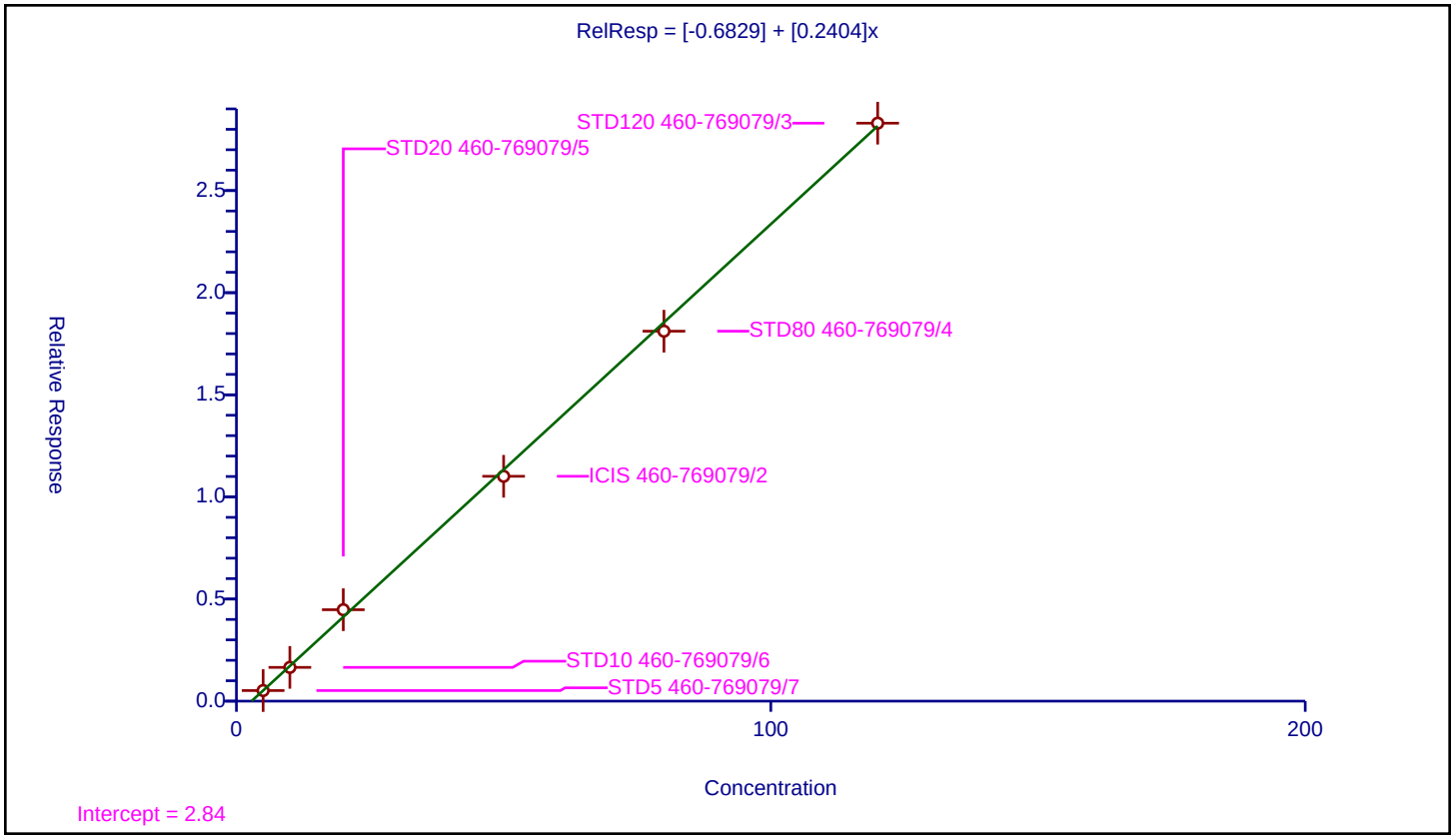
Curve Coefficients

Intercept:	-0.6829
Slope:	0.2404

Error Coefficients

Standard Error:	140000
Relative Standard Error:	4.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	0.518642	40.0	298163.0	0.103728	Y
2	STD10 460-769079/6	10.0	1.652587	40.0	302798.0	0.165259	Y
3	STD20 460-769079/5	20.0	4.476303	40.0	300632.0	0.223815	Y
4	ICIS 460-769079/2	50.0	11.010114	40.0	294551.0	0.220202	Y
5	STD80 460-769079/4	80.0	18.115182	40.0	308051.0	0.22644	Y
6	STD120 460-769079/3	120.0	28.300893	40.0	317867.0	0.235841	Y



Calibration / Bis(2-chloroethoxy)methane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

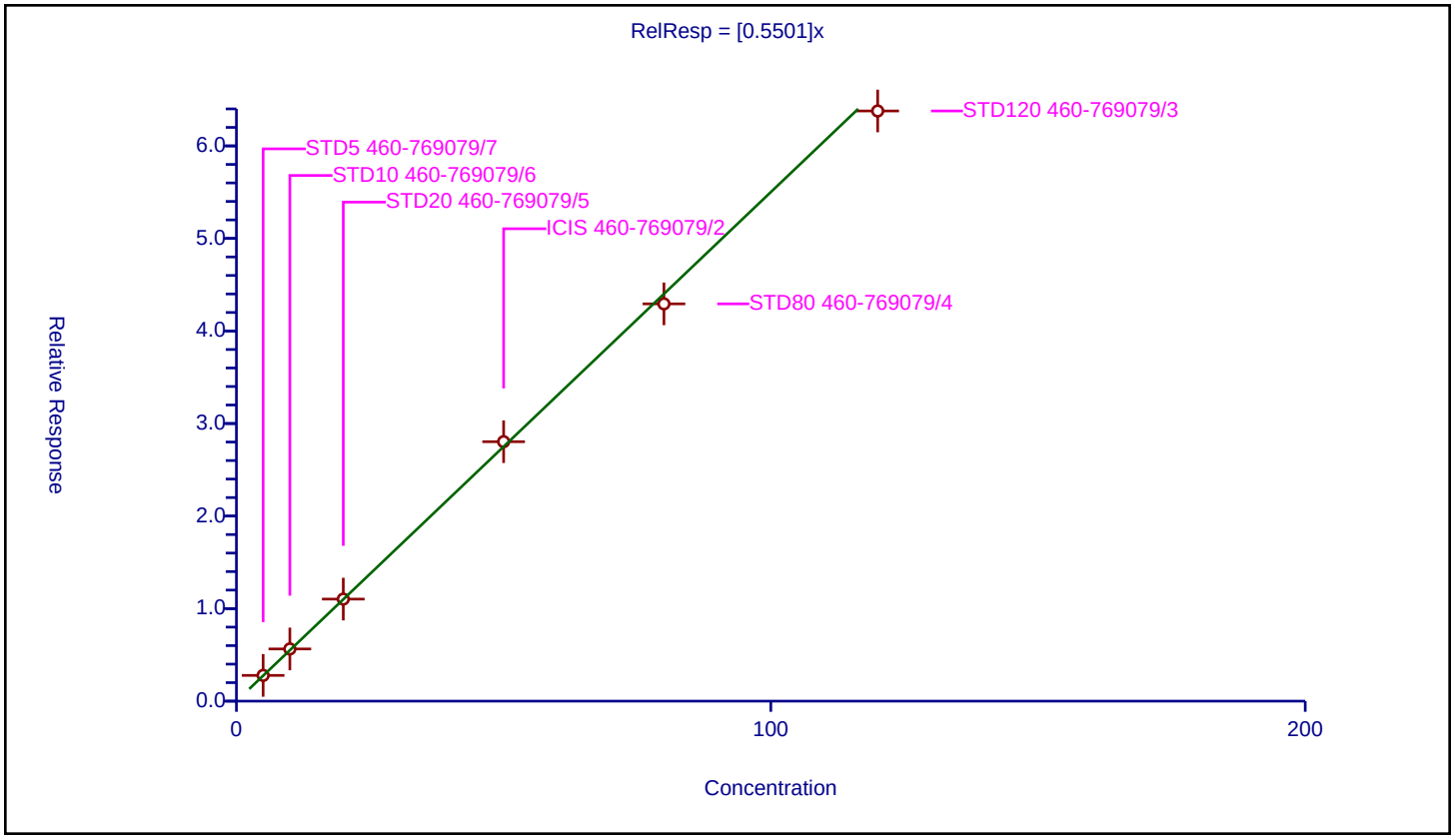
Curve Coefficients

Intercept:	0
Slope:	0.5501

Error Coefficients

Standard Error:	289000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	2.780761	40.0	298163.0	0.556152	Y
2	STD10 460-769079/6	10.0	5.64112	40.0	302798.0	0.564112	Y
3	STD20 460-769079/5	20.0	11.027302	40.0	300632.0	0.551365	Y
4	ICIS 460-769079/2	50.0	28.036843	40.0	294551.0	0.560737	Y
5	STD80 460-769079/4	80.0	42.932242	40.0	308051.0	0.536653	Y
6	STD120 460-769079/3	120.0	63.775227	40.0	317867.0	0.53146	Y



Calibration / 2,4-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

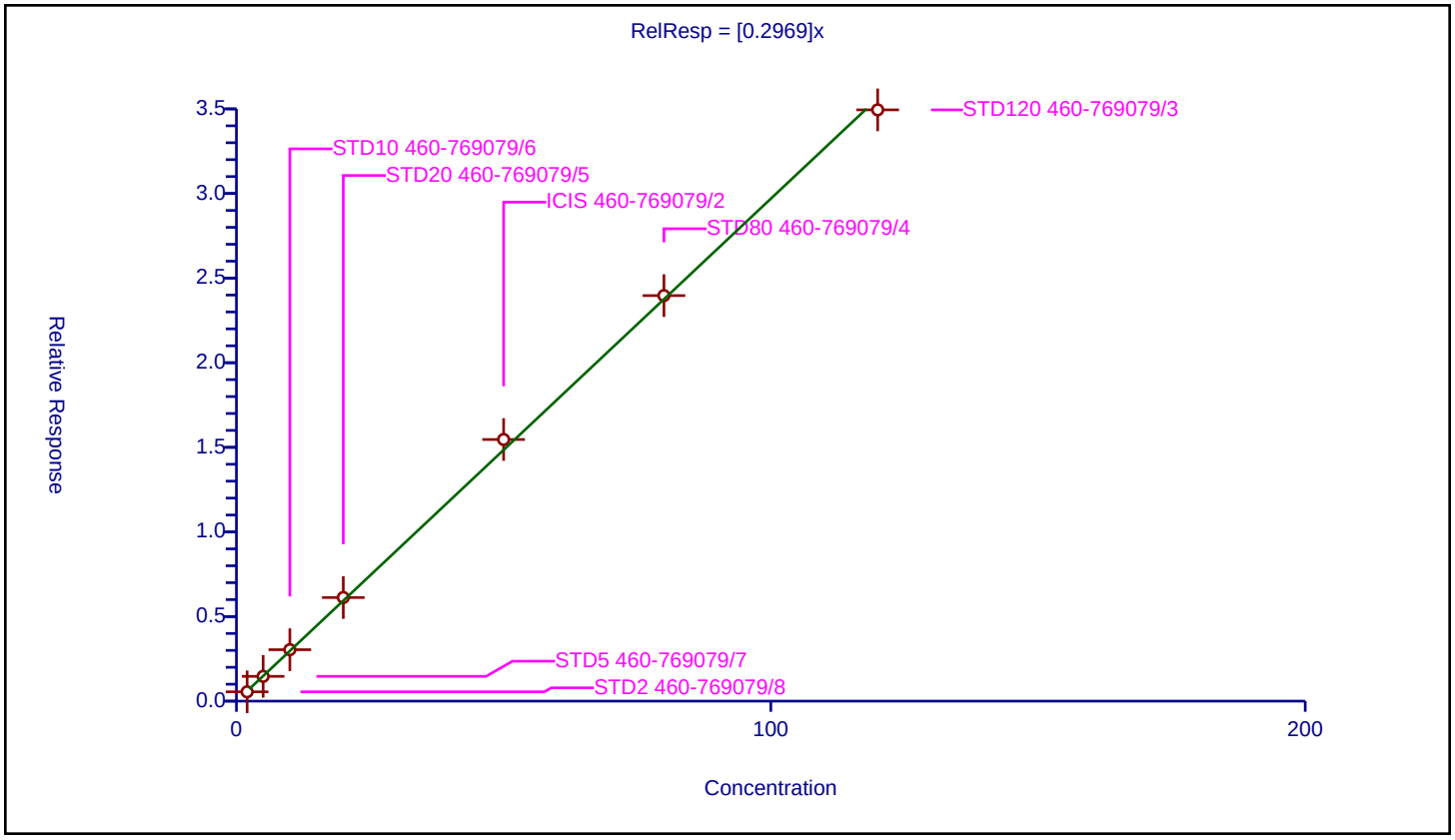
Curve Coefficients

Intercept:	0
Slope:	0.2969

Error Coefficients

Standard Error:	145000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769079/8	2.0	0.550359	40.0	313686.0	0.27518	Y
2	STD5 460-769079/7	5.0	1.464702	40.0	298163.0	0.29294	Y
3	STD10 460-769079/6	10.0	3.040707	40.0	302798.0	0.304071	Y
4	STD20 460-769079/5	20.0	6.124032	40.0	300632.0	0.306202	Y
5	ICIS 460-769079/2	50.0	15.462178	40.0	294551.0	0.309244	Y
6	STD80 460-769079/4	80.0	23.965642	40.0	308051.0	0.299571	Y
7	STD120 460-769079/3	120.0	34.943546	40.0	317867.0	0.291196	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

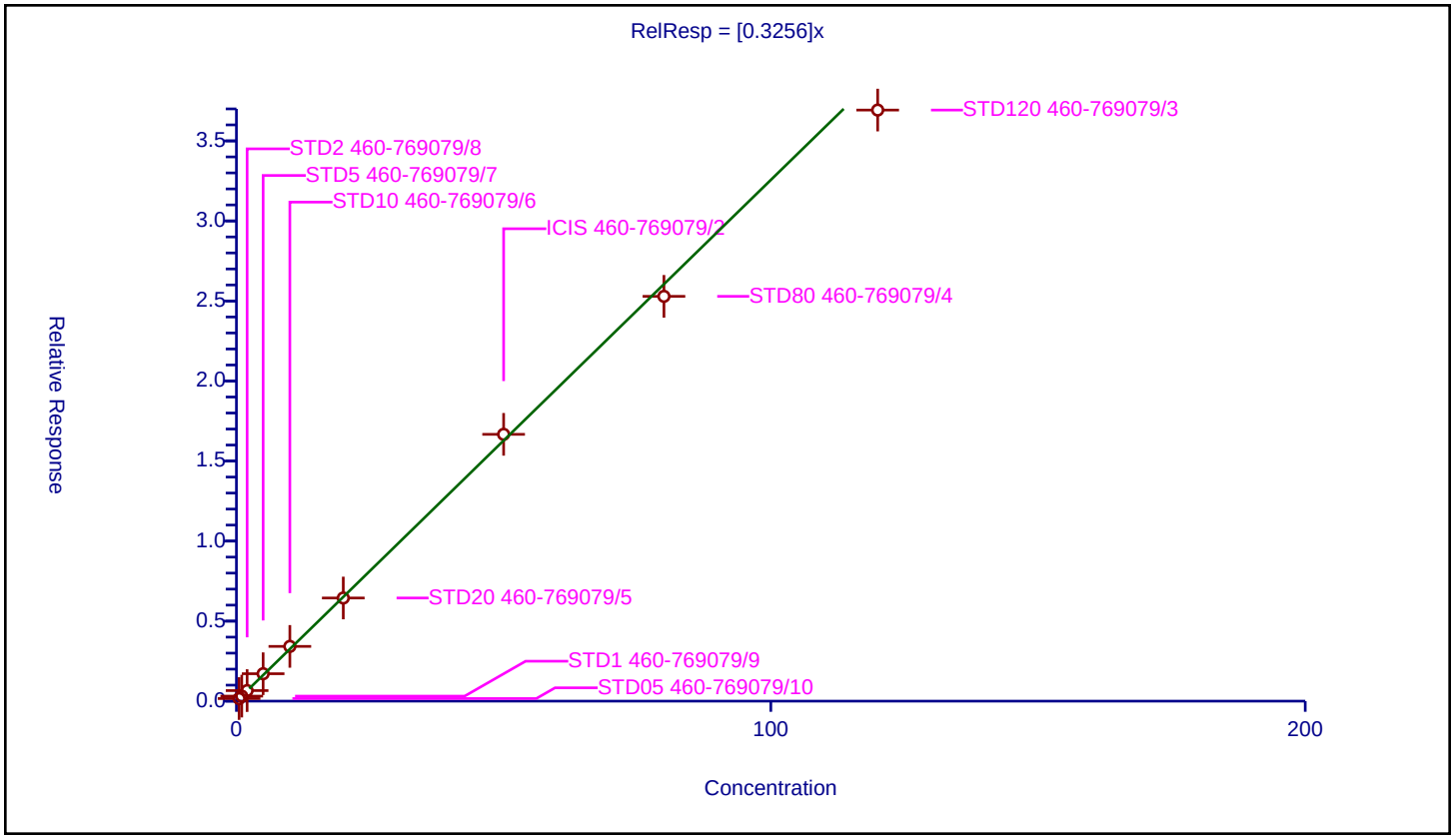
Curve Coefficients

Intercept:	0
Slope:	0.3256

Error Coefficients

Standard Error:	133000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.161436	40.0	316162.0	0.322872	Y
2	STD1 460-769079/9	1.0	0.313617	40.0	294117.0	0.313617	Y
3	STD2 460-769079/8	2.0	0.660278	40.0	313686.0	0.330139	Y
4	STD5 460-769079/7	5.0	1.712218	40.0	298163.0	0.342444	Y
5	STD10 460-769079/6	10.0	3.419706	40.0	302798.0	0.341971	Y
6	STD20 460-769079/5	20.0	6.443226	40.0	300632.0	0.322161	Y
7	ICIS 460-769079/2	50.0	16.66876	40.0	294551.0	0.333375	Y
8	STD80 460-769079/4	80.0	25.28867	40.0	308051.0	0.316108	Y
9	STD120 460-769079/3	120.0	36.926765	40.0	317867.0	0.307723	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

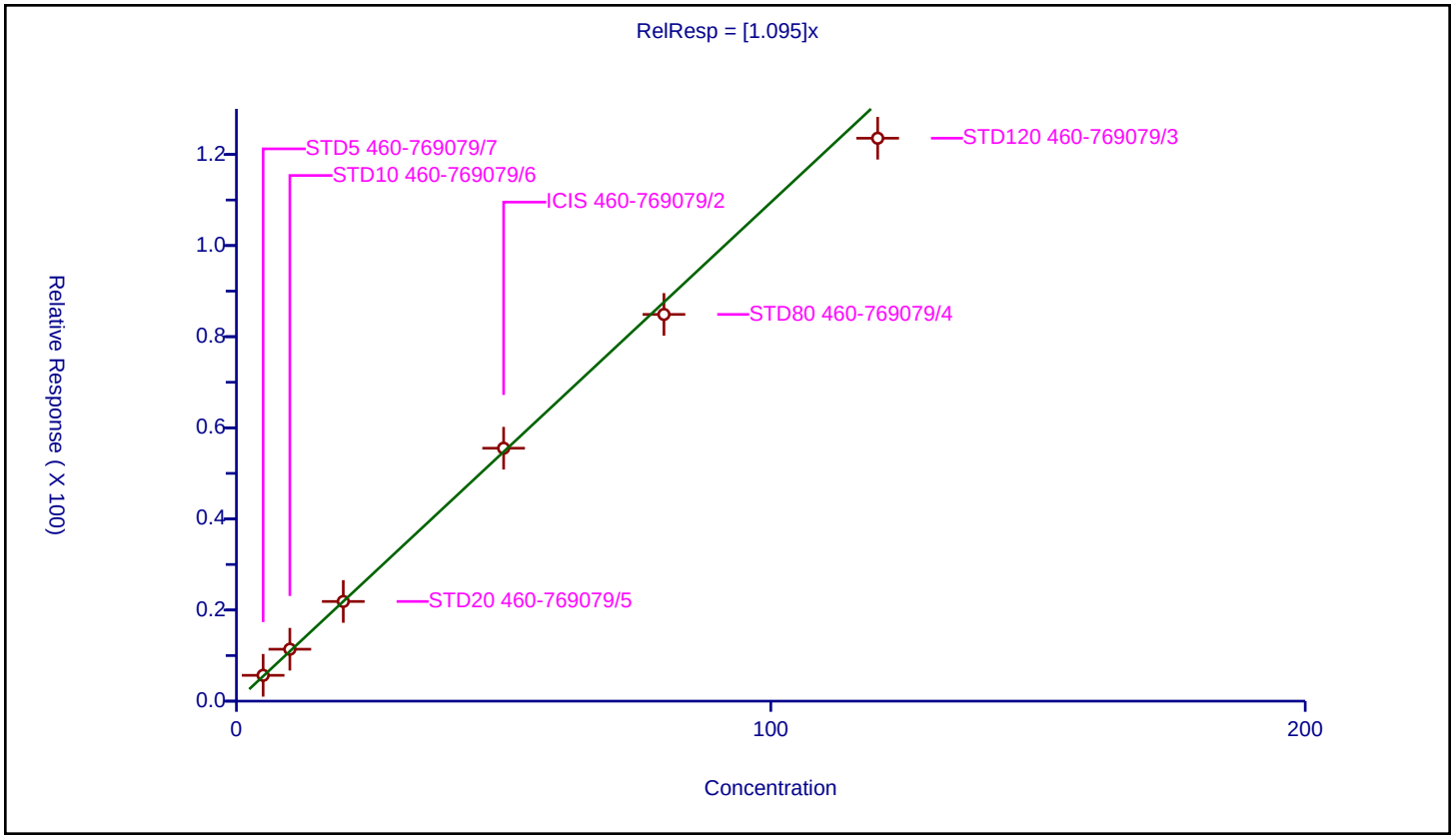
Curve Coefficients

Intercept:	0
Slope:	1.095

Error Coefficients

Standard Error:	565000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	5.666028	40.0	298163.0	1.133206	Y
2	STD10 460-769079/6	10.0	11.398094	40.0	302798.0	1.139809	Y
3	STD20 460-769079/5	20.0	21.881237	40.0	300632.0	1.094062	Y
4	ICIS 460-769079/2	50.0	55.516091	40.0	294551.0	1.110322	Y
5	STD80 460-769079/4	80.0	84.886983	40.0	308051.0	1.061087	Y
6	STD120 460-769079/3	120.0	123.563755	40.0	317867.0	1.029698	Y



Calibration / 4-Chloroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

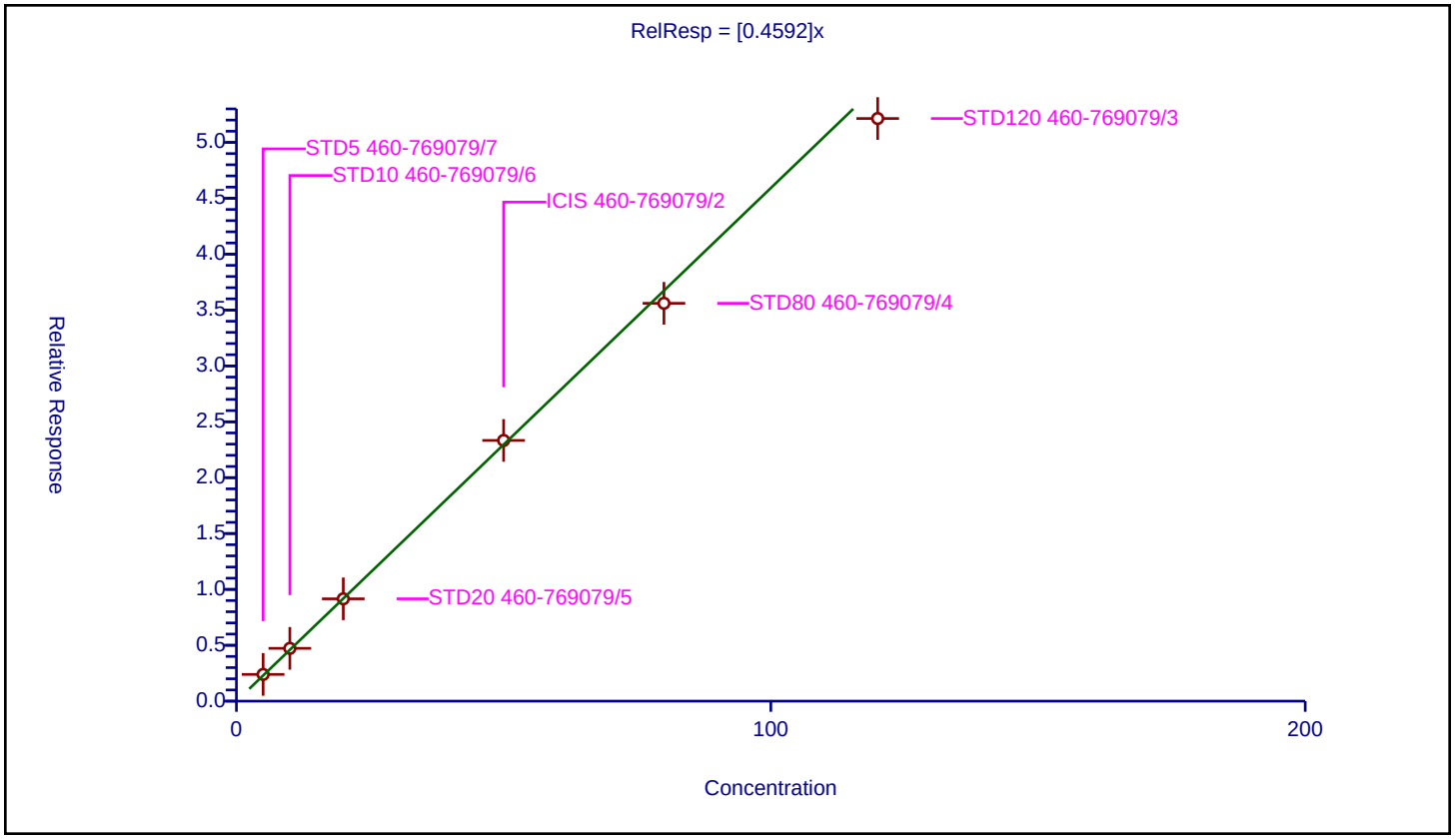
Curve Coefficients

Intercept:	0
Slope:	0.4592

Error Coefficients

Standard Error:	238000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	2.392785	40.0	298163.0	0.478557	Y
2	STD10 460-769079/6	10.0	4.724734	40.0	302798.0	0.472473	Y
3	STD20 460-769079/5	20.0	9.156045	40.0	300632.0	0.457802	Y
4	ICIS 460-769079/2	50.0	23.331104	40.0	294551.0	0.466622	Y
5	STD80 460-769079/4	80.0	35.604105	40.0	308051.0	0.445051	Y
6	STD120 460-769079/3	120.0	52.140675	40.0	317867.0	0.434506	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

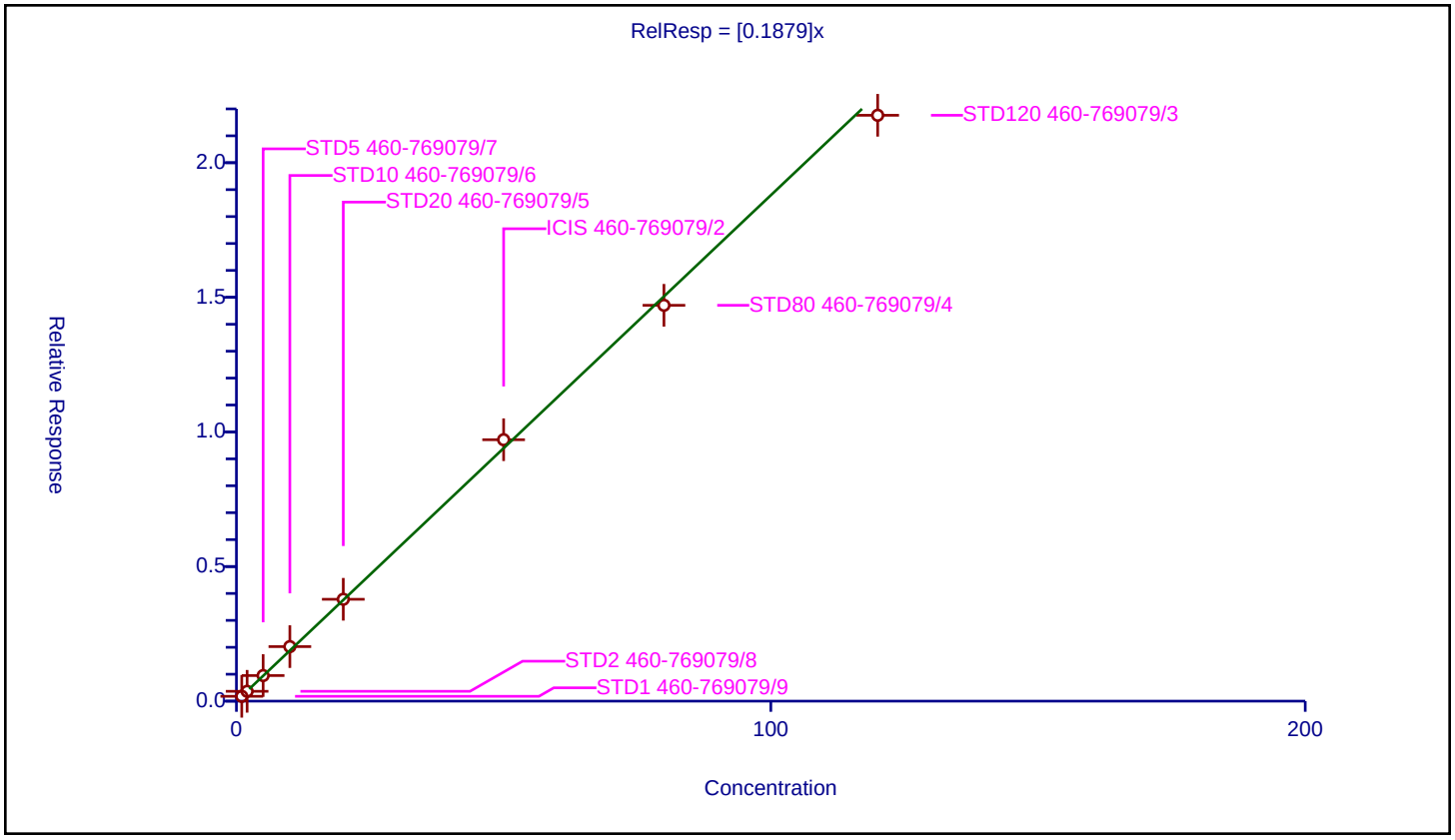
Curve Coefficients

Intercept:	0
Slope:	0.1879

Error Coefficients

Standard Error:	83600
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769079/9	1.0	0.17952	40.0	294117.0	0.17952	Y
2	STD2 460-769079/8	2.0	0.365206	40.0	313686.0	0.182603	Y
3	STD5 460-769079/7	5.0	0.950219	40.0	298163.0	0.190044	Y
4	STD10 460-769079/6	10.0	2.026037	40.0	302798.0	0.202604	Y
5	STD20 460-769079/5	20.0	3.784294	40.0	300632.0	0.189215	Y
6	ICIS 460-769079/2	50.0	9.711052	40.0	294551.0	0.194221	Y
7	STD80 460-769079/4	80.0	14.704059	40.0	308051.0	0.183801	Y
8	STD120 460-769079/3	120.0	21.762058	40.0	317867.0	0.18135	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

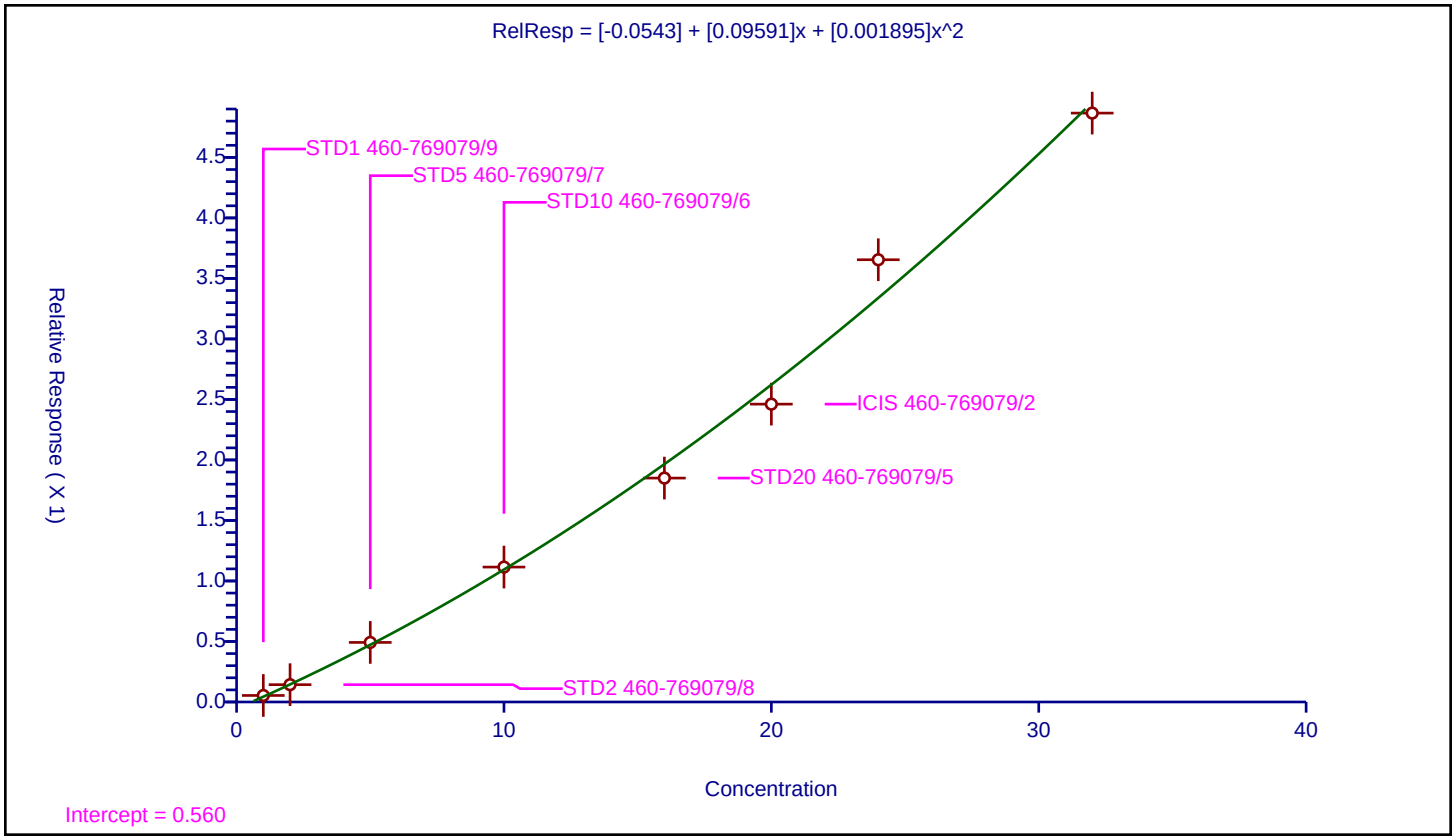
Curve Coefficients

Intercept:	-0.0543
Slope:	0.09591
Second Order:	0.001895

Error Coefficients

Standard Error:	24100
Relative Standard Error:	6.6
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769079/9	1.0	0.053856	40.0	294117.0	0.053856	Y
2	STD2 460-769079/8	2.0	0.143073	40.0	313686.0	0.071537	Y
3	STD5 460-769079/7	5.0	0.492214	40.0	298163.0	0.098443	Y
4	STD10 460-769079/6	10.0	1.114803	40.0	302798.0	0.11148	Y
5	STD20 460-769079/5	16.0	1.850236	40.0	300632.0	0.11564	Y
6	ICIS 460-769079/2	20.0	2.461238	40.0	294551.0	0.123062	Y
7	STD80 460-769079/4	24.0	3.65446	40.0	308051.0	0.152269	Y
8	STD120 460-769079/3	32.0	4.866312	40.0	317867.0	0.152072	Y



Calibration / 4-Chloro-3-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

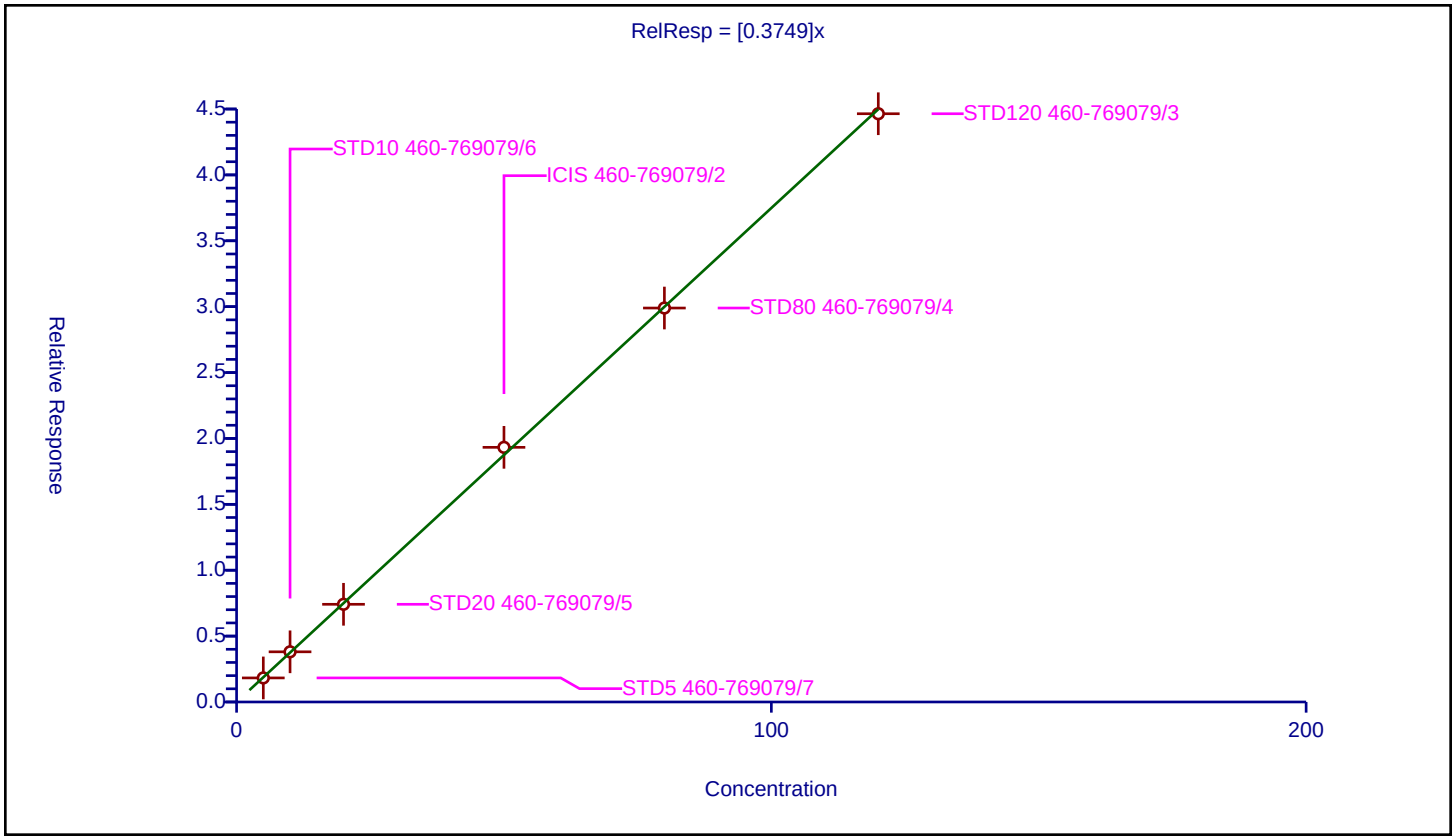
Curve Coefficients

Intercept:	0
Slope:	0.3749

Error Coefficients

Standard Error:	202000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	1.827188	40.0	298163.0	0.365438	Y
2	STD10 460-769079/6	10.0	3.808215	40.0	302798.0	0.380822	Y
3	STD20 460-769079/5	20.0	7.41478	40.0	300632.0	0.370739	Y
4	ICIS 460-769079/2	50.0	19.324463	40.0	294551.0	0.386489	Y
5	STD80 460-769079/4	80.0	29.897387	40.0	308051.0	0.373717	Y
6	STD120 460-769079/3	120.0	44.641941	40.0	317867.0	0.372016	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

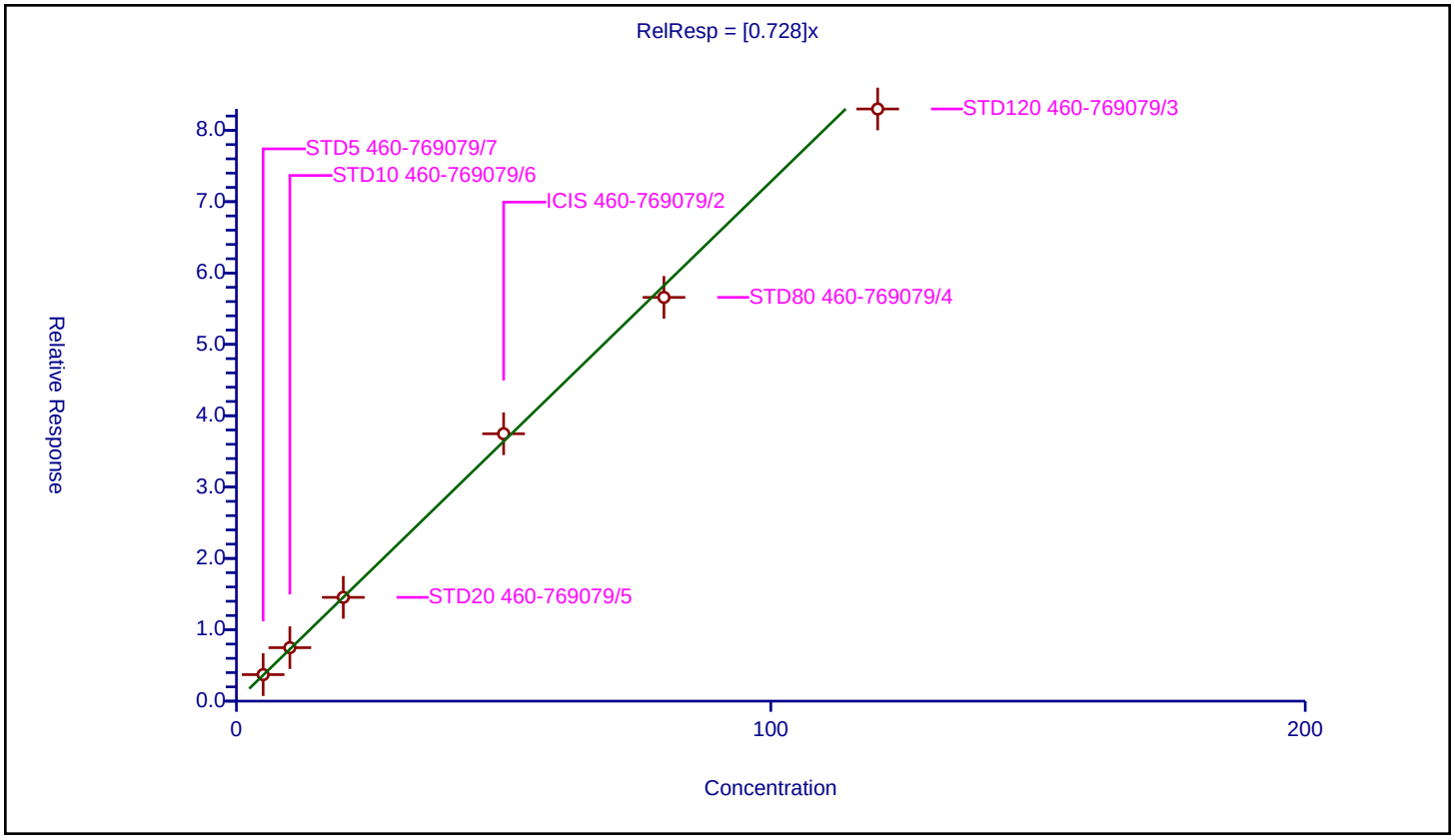
Curve Coefficients

Intercept:	0
Slope:	0.728

Error Coefficients

Standard Error:	379000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	3.714478	40.0	298163.0	0.742896	Y
2	STD10 460-769079/6	10.0	7.492784	40.0	302798.0	0.749278	Y
3	STD20 460-769079/5	20.0	14.543628	40.0	300632.0	0.727181	Y
4	ICIS 460-769079/2	50.0	37.474257	40.0	294551.0	0.749485	Y
5	STD80 460-769079/4	80.0	56.585306	40.0	308051.0	0.707316	Y
6	STD120 460-769079/3	120.0	82.98691	40.0	317867.0	0.691558	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

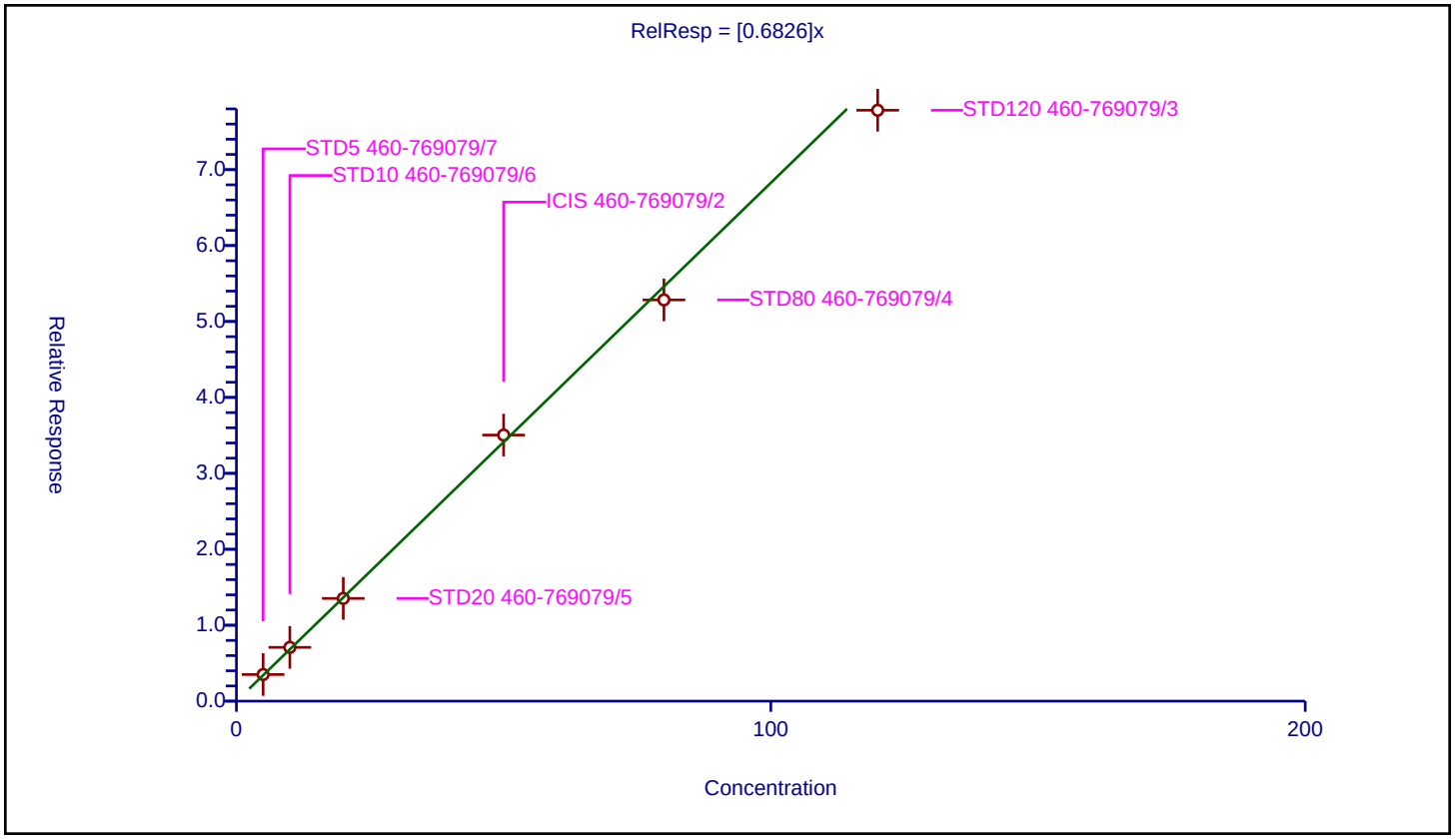
Curve Coefficients

Intercept:	0
Slope:	0.6826

Error Coefficients

Standard Error:	355000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	3.505599	40.0	298163.0	0.70112	Y
2	STD10 460-769079/6	10.0	7.079703	40.0	302798.0	0.70797	Y
3	STD20 460-769079/5	20.0	13.528034	40.0	300632.0	0.676402	Y
4	ICIS 460-769079/2	50.0	35.04439	40.0	294551.0	0.700888	Y
5	STD80 460-769079/4	80.0	52.843328	40.0	308051.0	0.660542	Y
6	STD120 460-769079/3	120.0	77.820975	40.0	317867.0	0.648508	Y



Calibration / Hexachlorocyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

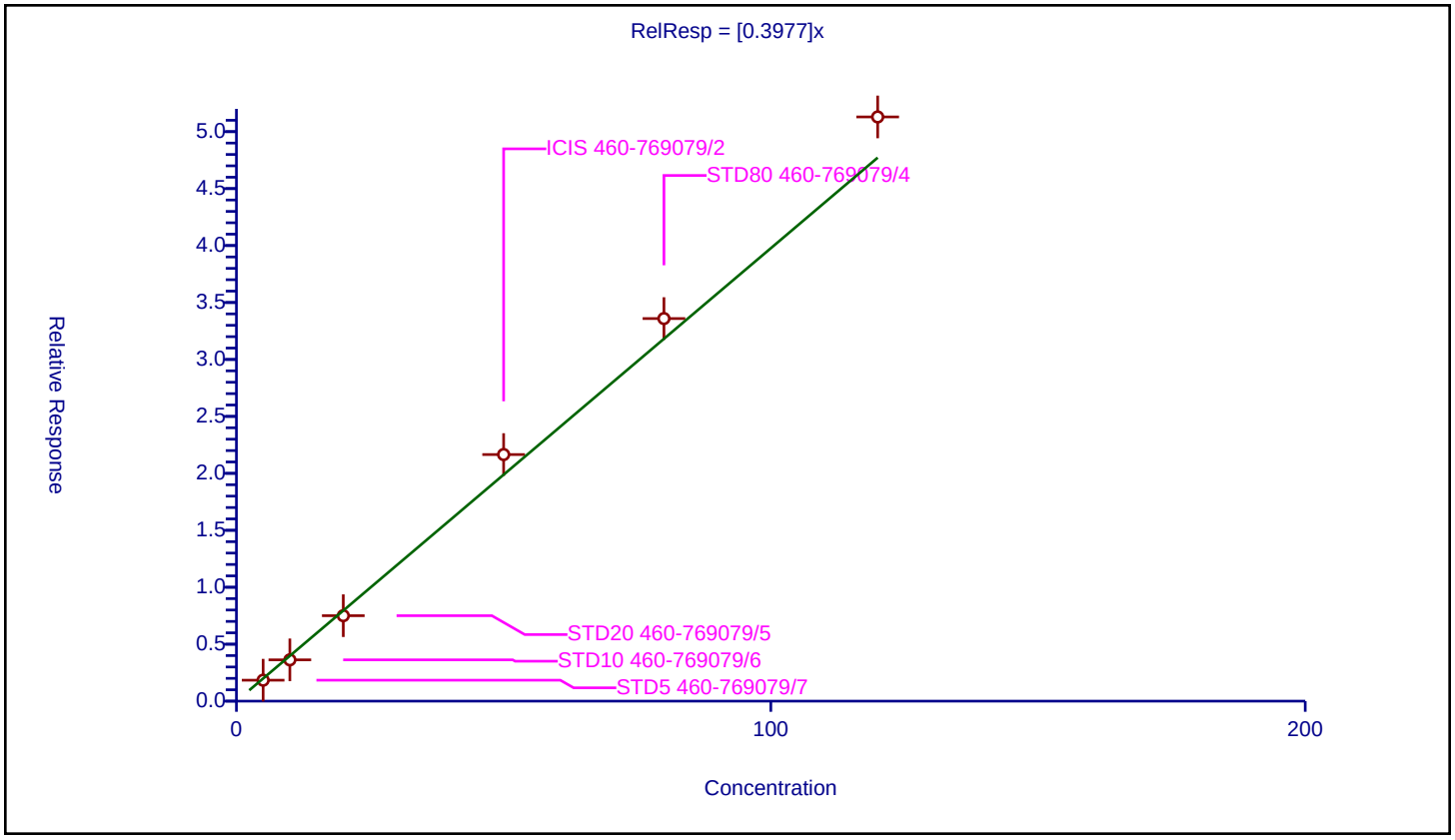
Curve Coefficients

Intercept:	0
Slope:	0.3977

Error Coefficients

Standard Error:	120000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	1.839148	40.0	157225.0	0.36783	Y
2	STD10 460-769079/6	10.0	3.626247	40.0	159592.0	0.362625	Y
3	STD20 460-769079/5	20.0	7.502421	40.0	157965.0	0.375121	Y
4	ICIS 460-769079/2	50.0	21.651749	40.0	155411.0	0.433035	Y
5	STD80 460-769079/4	80.0	33.591175	40.0	163175.0	0.41989	Y
6	STD120 460-769079/3	120.0	51.293193	40.0	166433.0	0.427443	Y



Calibration / 1,2,4,5-Tetrachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

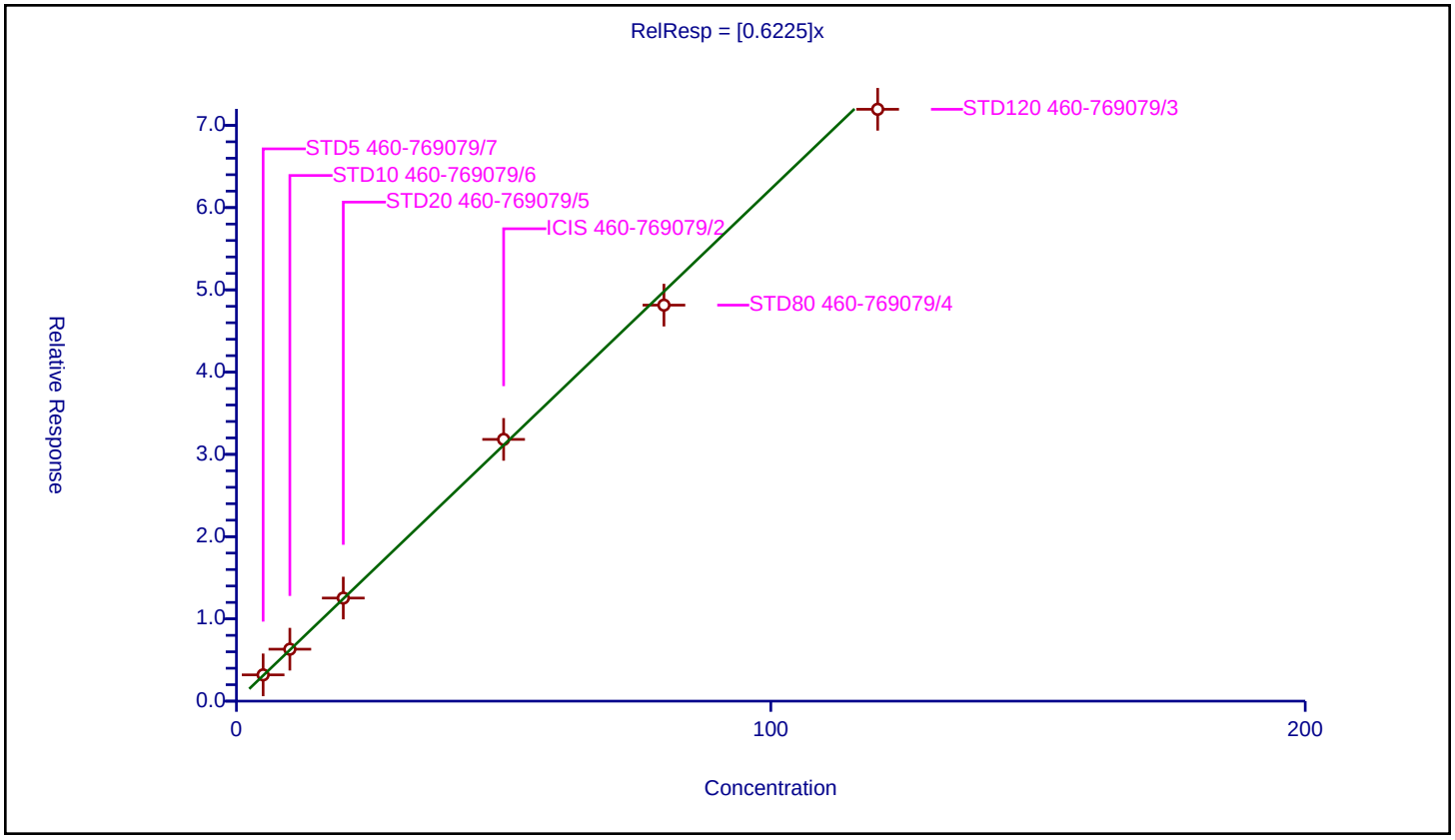
Curve Coefficients

Intercept:	0
Slope:	0.6225

Error Coefficients

Standard Error:	171000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	3.195166	40.0	157225.0	0.639033	Y
2	STD10 460-769079/6	10.0	6.315104	40.0	159592.0	0.63151	Y
3	STD20 460-769079/5	20.0	12.53113	40.0	157965.0	0.626557	Y
4	ICIS 460-769079/2	50.0	31.821171	40.0	155411.0	0.636423	Y
5	STD80 460-769079/4	80.0	48.143649	40.0	163175.0	0.601796	Y
6	STD120 460-769079/3	120.0	71.951356	40.0	166433.0	0.599595	Y



Calibration / 2-tertbutyl-4-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

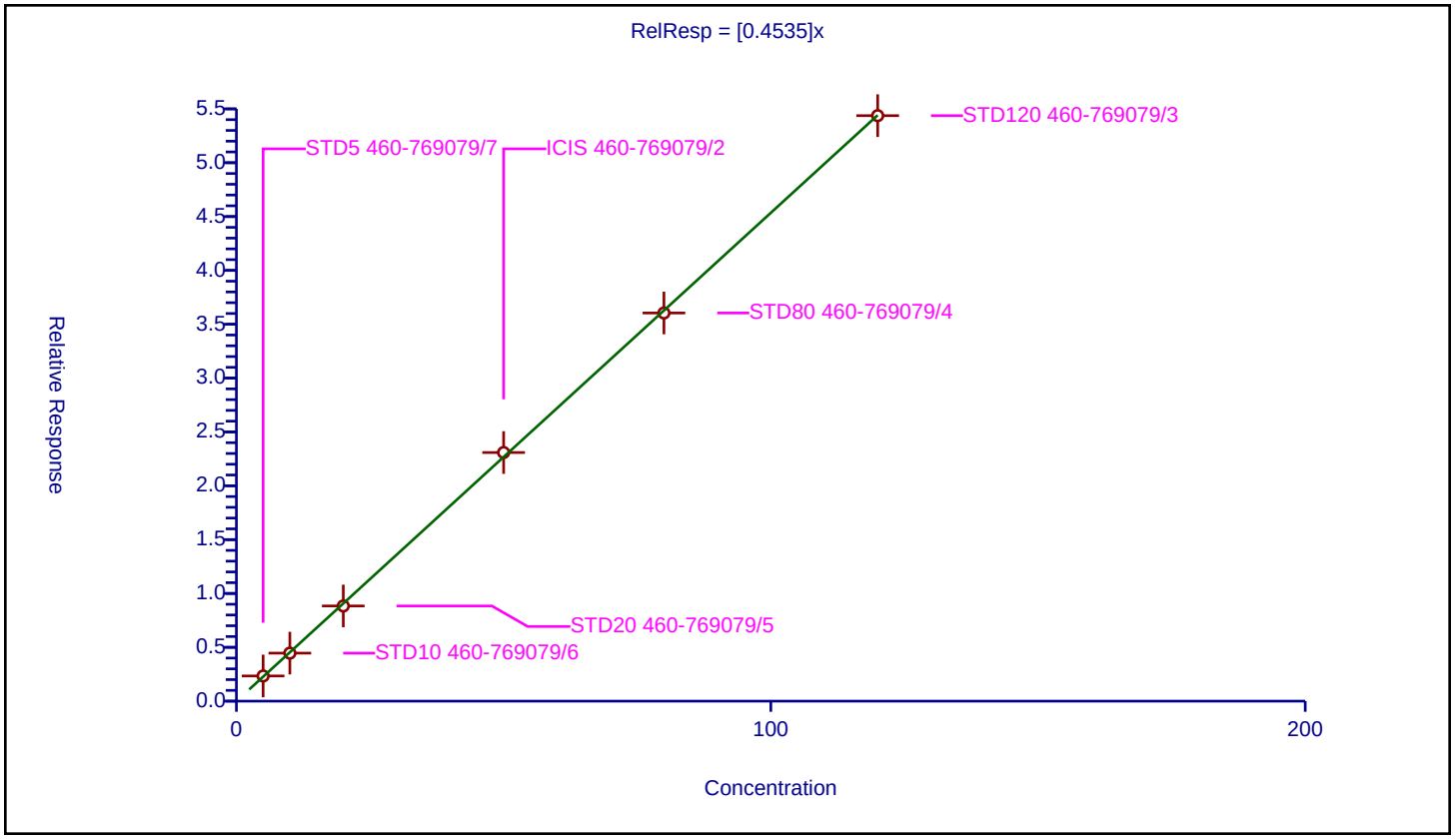
Curve Coefficients

Intercept:	0
Slope:	0.4535

Error Coefficients

Standard Error:	244000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	2.337782	40.0	298163.0	0.467556	Y
2	STD10 460-769079/6	10.0	4.458946	40.0	302798.0	0.445895	Y
3	STD20 460-769079/5	20.0	8.839112	40.0	300632.0	0.441956	Y
4	ICIS 460-769079/2	50.0	23.087751	40.0	294551.0	0.461755	Y
5	STD80 460-769079/4	80.0	36.046888	40.0	308051.0	0.450586	Y
6	STD120 460-769079/3	120.0	54.372552	40.0	317867.0	0.453105	Y



Calibration / 2,4,6-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

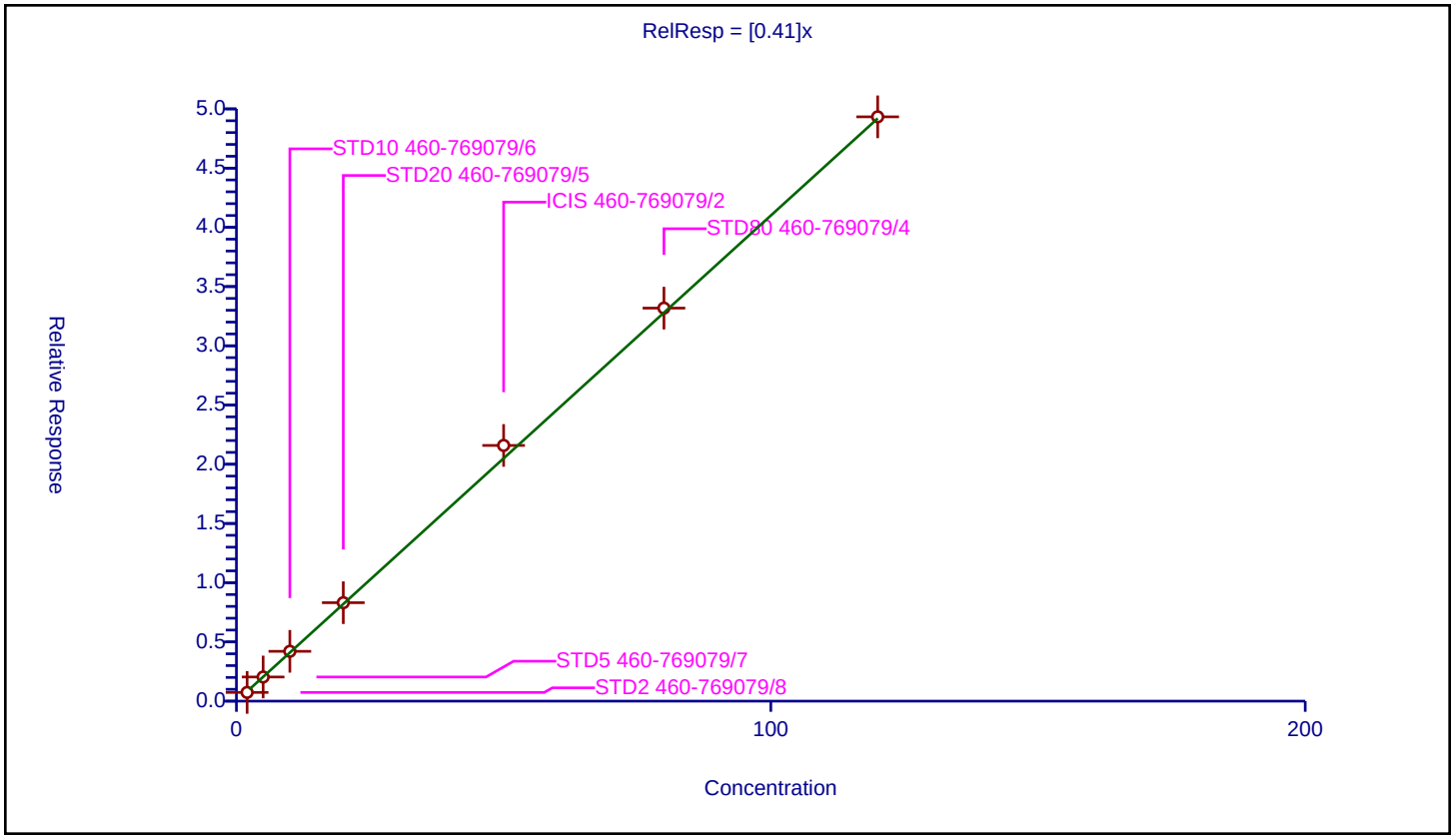
Curve Coefficients

Intercept:	0
Slope:	0.41

Error Coefficients

Standard Error:	107000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769079/8	2.0	0.736385	40.0	162904.0	0.368192	Y
2	STD5 460-769079/7	5.0	2.038098	40.0	157225.0	0.40762	Y
3	STD10 460-769079/6	10.0	4.206727	40.0	159592.0	0.420673	Y
4	STD20 460-769079/5	20.0	8.311461	40.0	157965.0	0.415573	Y
5	ICIS 460-769079/2	50.0	21.587661	40.0	155411.0	0.431753	Y
6	STD80 460-769079/4	80.0	33.181554	40.0	163175.0	0.414769	Y
7	STD120 460-769079/3	120.0	49.330842	40.0	166433.0	0.41109	Y



Calibration / 2,4,5-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

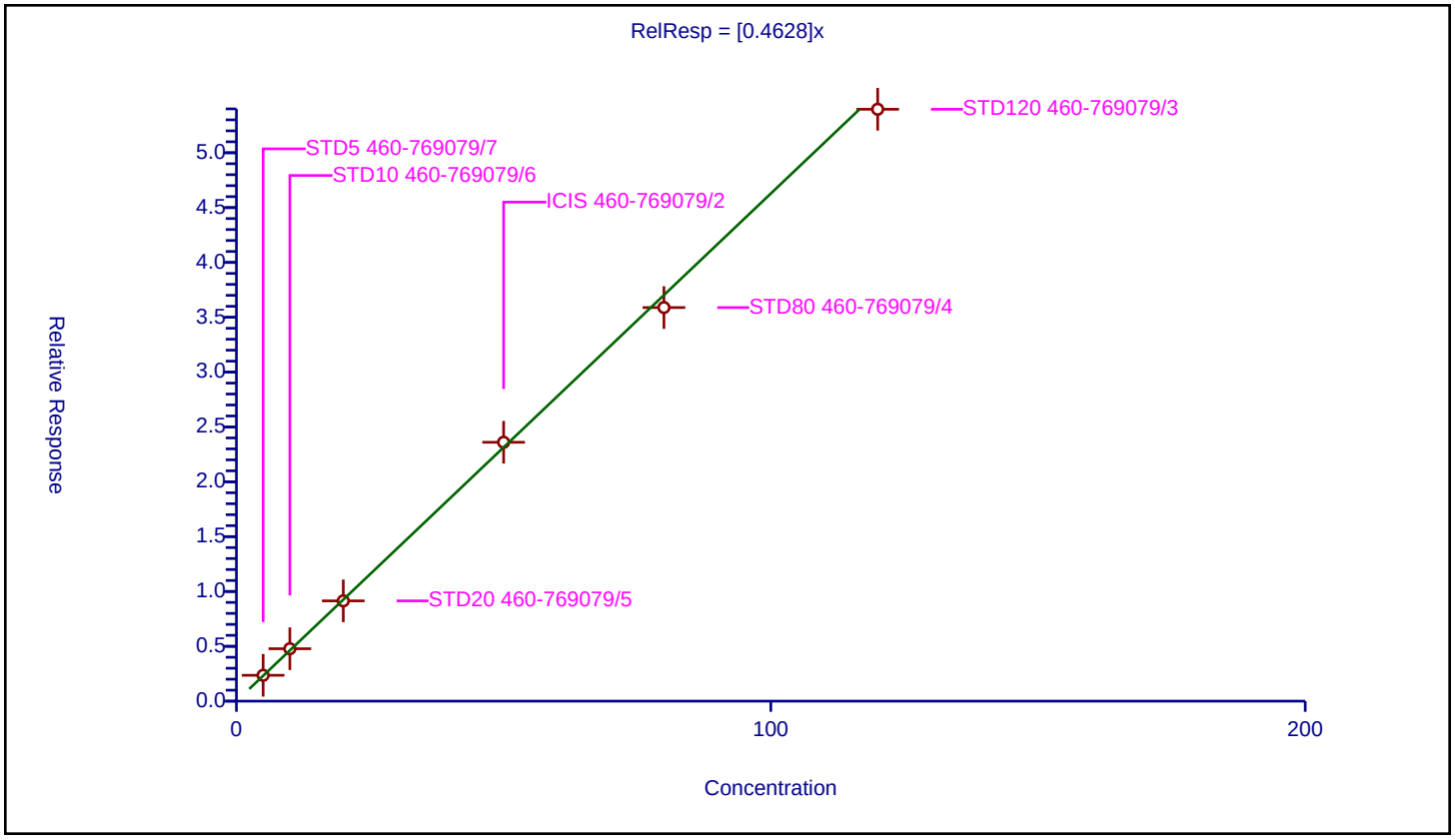
Curve Coefficients

Intercept:	0
Slope:	0.4628

Error Coefficients

Standard Error:	128000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	2.35764	40.0	157225.0	0.471528	Y
2	STD10 460-769079/6	10.0	4.778184	40.0	159592.0	0.477818	Y
3	STD20 460-769079/5	20.0	9.142785	40.0	157965.0	0.457139	Y
4	ICIS 460-769079/2	50.0	23.602705	40.0	155411.0	0.472054	Y
5	STD80 460-769079/4	80.0	35.886625	40.0	163175.0	0.448583	Y
6	STD120 460-769079/3	120.0	53.967182	40.0	166433.0	0.449727	Y



Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

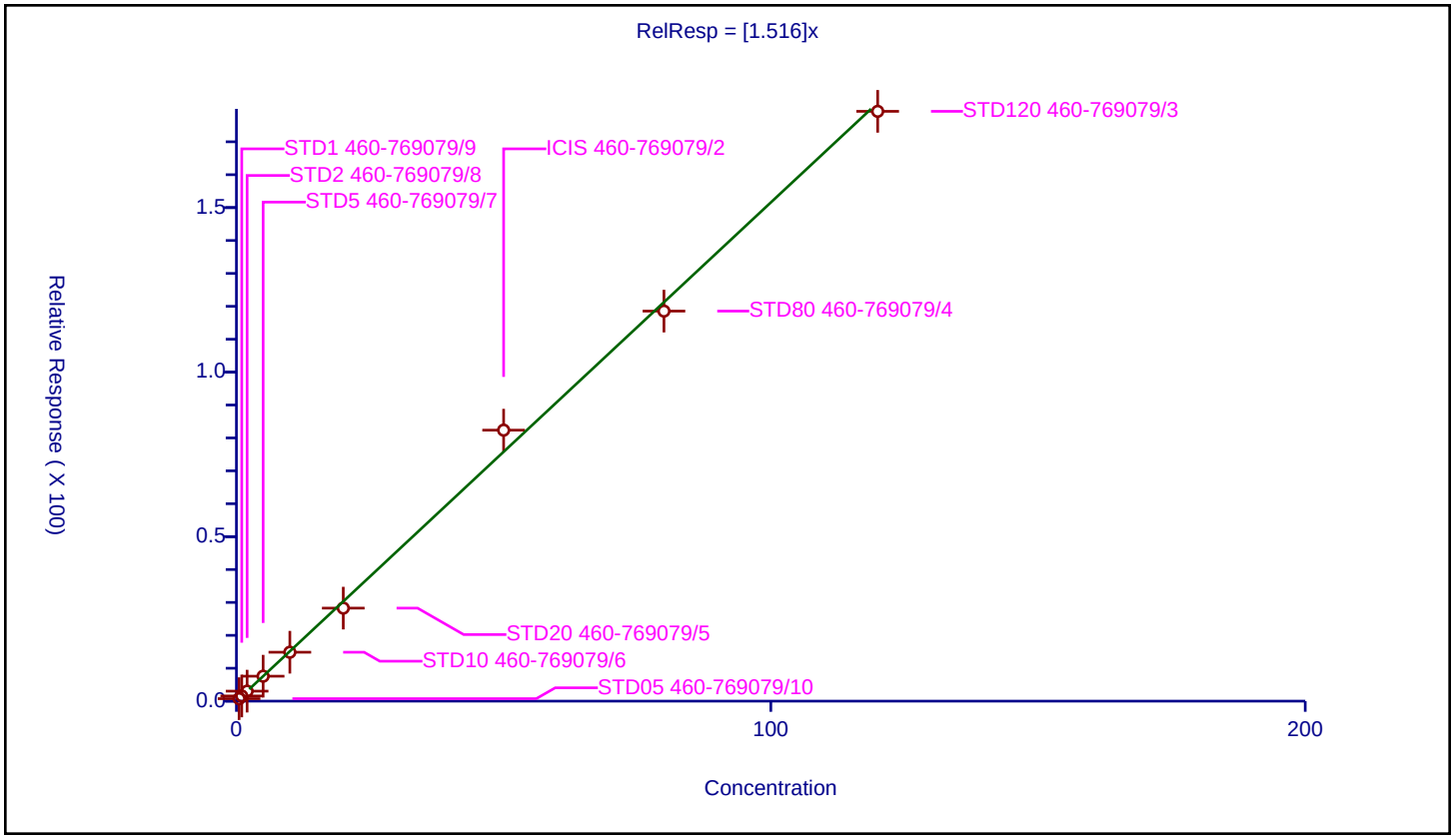
Curve Coefficients

Intercept:	0
Slope:	1.516

Error Coefficients

Standard Error:	337000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.752808	40.0	163282.0	1.505616	Y
2	STD1 460-769079/9	1.0	1.574634	40.0	154982.0	1.574634	Y
3	STD2 460-769079/8	2.0	3.040564	40.0	162904.0	1.520282	Y
4	STD5 460-769079/7	5.0	7.582509	40.0	157225.0	1.516502	Y
5	STD10 460-769079/6	10.0	14.868665	40.0	159592.0	1.486867	Y
6	STD20 460-769079/5	20.0	28.272592	40.0	157965.0	1.41363	Y
7	ICIS 460-769079/2	50.0	82.358649	40.0	155411.0	1.647173	Y
8	STD80 460-769079/4	80.0	118.542424	40.0	163175.0	1.48178	Y
9	STD120 460-769079/3	120.0	179.252672	40.0	166433.0	1.493772	Y



Calibration / 1,1'-Biphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

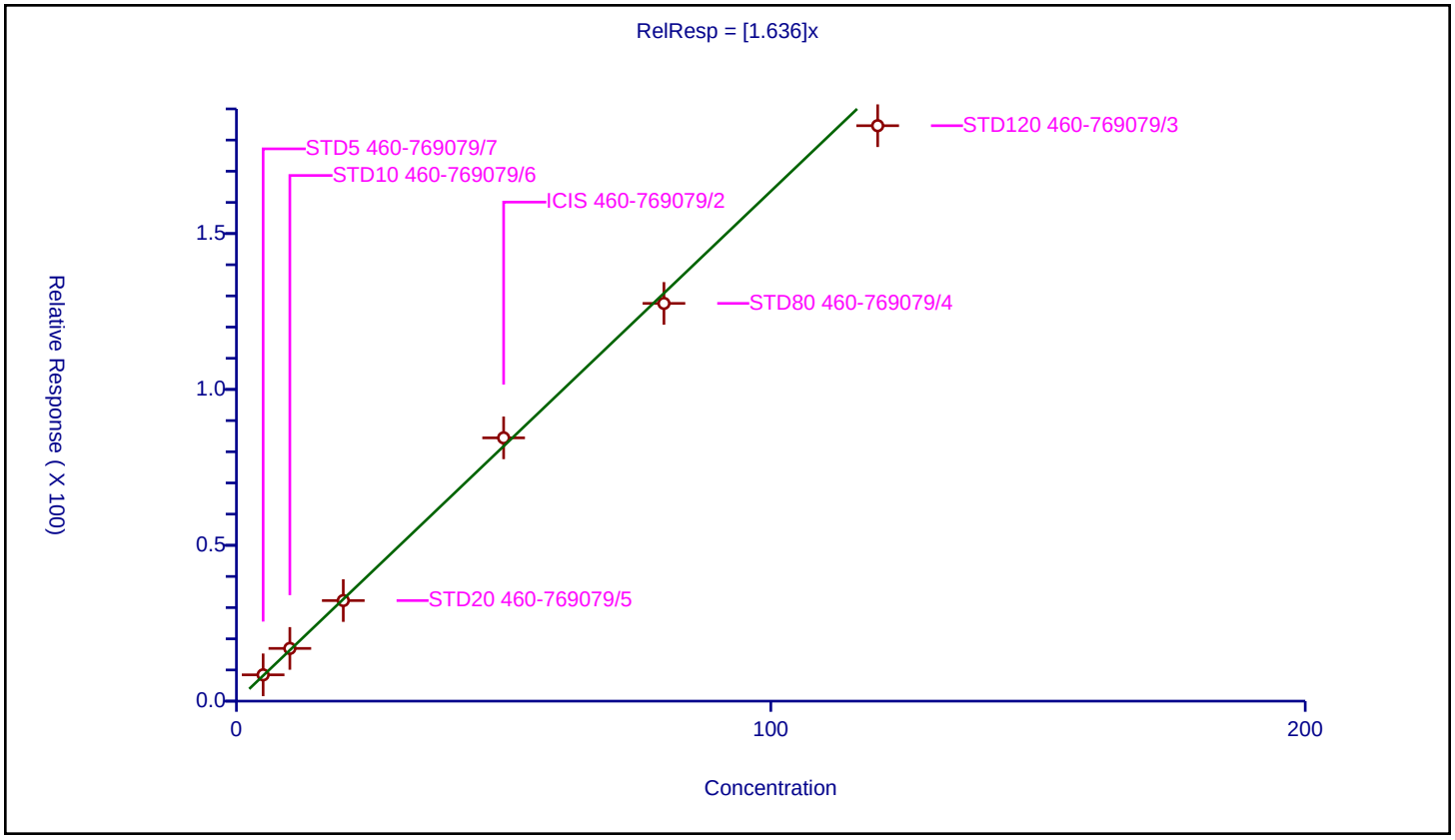
Curve Coefficients

Intercept:	0
Slope:	1.636

Error Coefficients

Standard Error:	445000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	8.433773	40.0	157225.0	1.686755	Y
2	STD10 460-769079/6	10.0	16.915886	40.0	159592.0	1.691589	Y
3	STD20 460-769079/5	20.0	32.269933	40.0	157965.0	1.613497	Y
4	ICIS 460-769079/2	50.0	84.468924	40.0	155411.0	1.689378	Y
5	STD80 460-769079/4	80.0	127.597732	40.0	163175.0	1.594972	Y
6	STD120 460-769079/3	120.0	184.605938	40.0	166433.0	1.538383	Y



Calibration / 2-Chloronaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

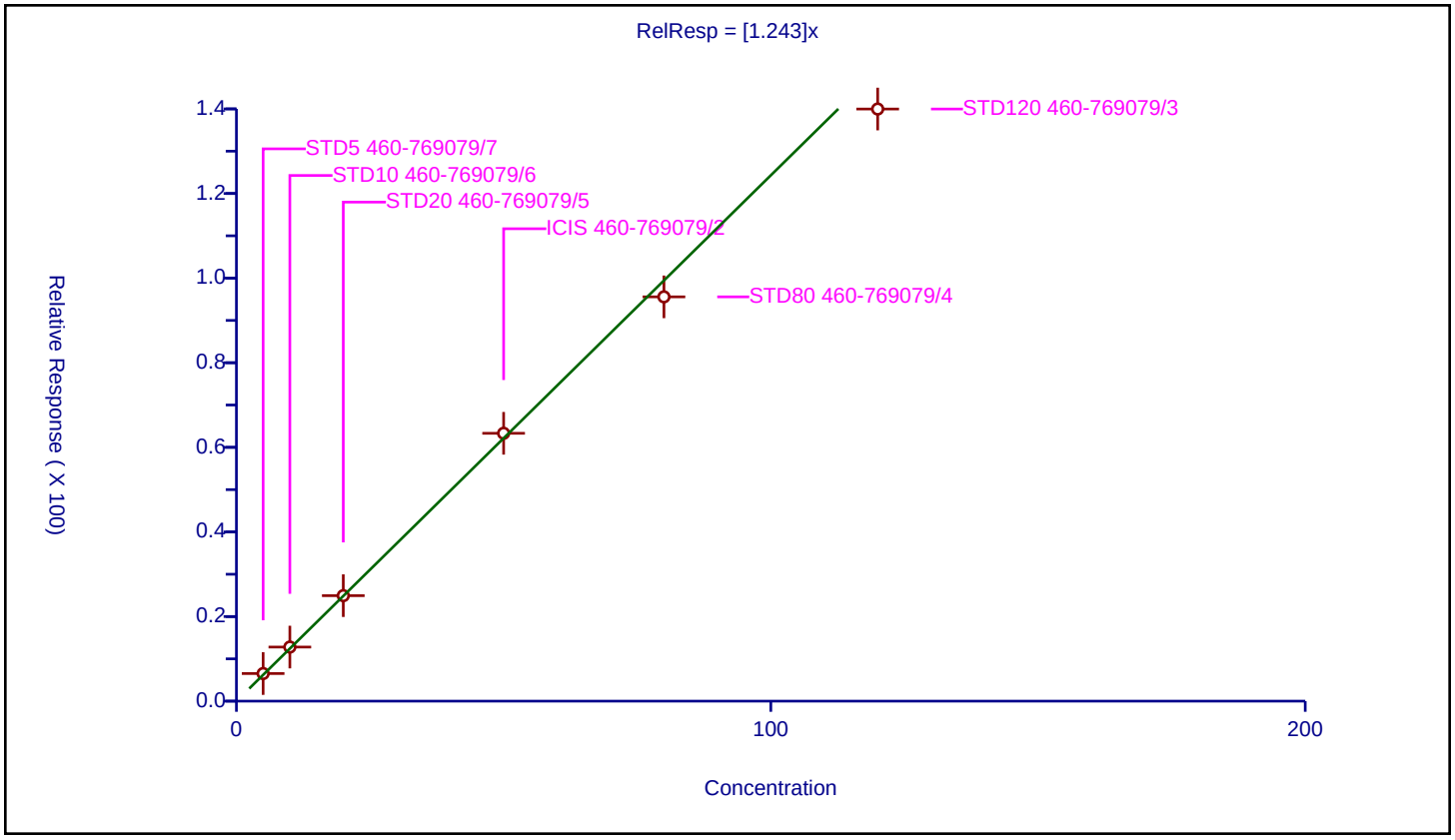
Curve Coefficients

Intercept:	0
Slope:	1.243

Error Coefficients

Standard Error:	336000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	6.524662	40.0	157225.0	1.304932	Y
2	STD10 460-769079/6	10.0	12.786105	40.0	159592.0	1.27861	Y
3	STD20 460-769079/5	20.0	24.934384	40.0	157965.0	1.246719	Y
4	ICIS 460-769079/2	50.0	63.316754	40.0	155411.0	1.266335	Y
5	STD80 460-769079/4	80.0	95.571503	40.0	163175.0	1.194644	Y
6	STD120 460-769079/3	120.0	139.968636	40.0	166433.0	1.166405	Y



Calibration / Phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

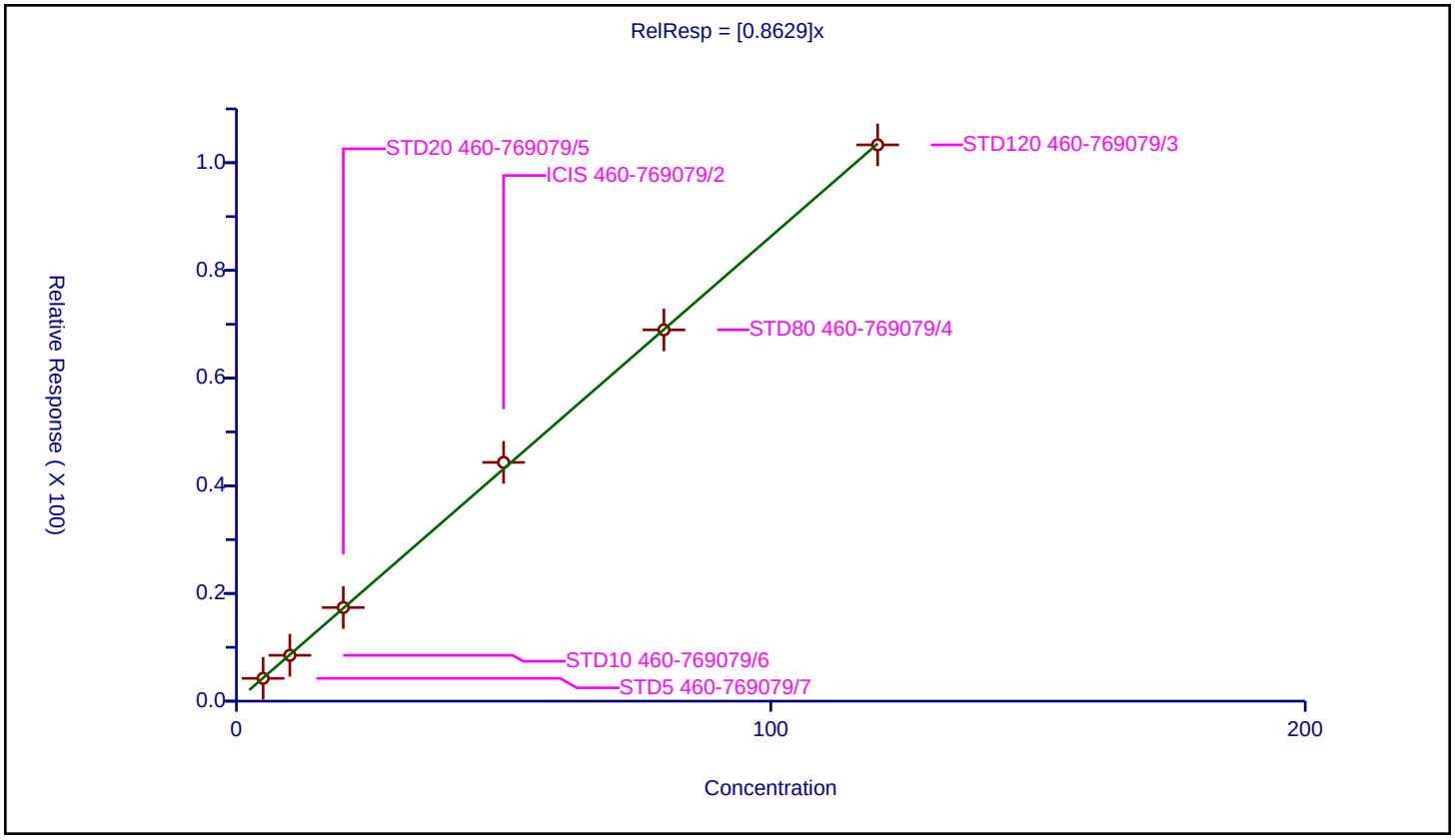
Curve Coefficients

Intercept:	0
Slope:	0.8629

Error Coefficients

Standard Error:	245000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	4.232915	40.0	157225.0	0.846583	Y
2	STD10 460-769079/6	10.0	8.51747	40.0	159592.0	0.851747	Y
3	STD20 460-769079/5	20.0	17.387396	40.0	157965.0	0.86937	Y
4	ICIS 460-769079/2	50.0	44.341778	40.0	155411.0	0.886836	Y
5	STD80 460-769079/4	80.0	68.956642	40.0	163175.0	0.861958	Y
6	STD120 460-769079/3	120.0	103.315328	40.0	166433.0	0.860961	Y



Calibration / 2-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

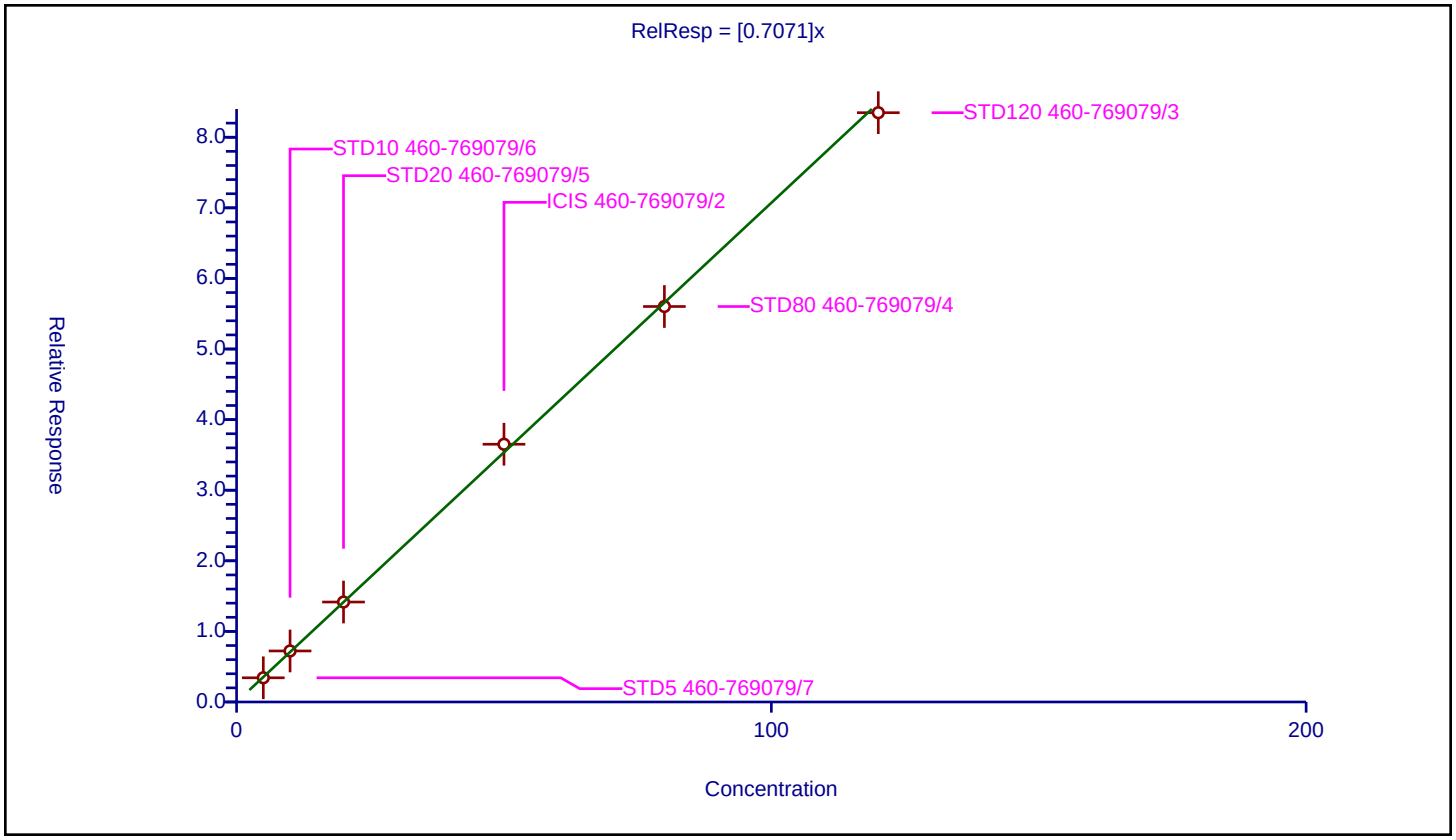
Curve Coefficients

Intercept:	0
Slope:	0.7071

Error Coefficients

Standard Error:	199000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	3.428462	40.0	157225.0	0.685692	Y
2	STD10 460-769079/6	10.0	7.229686	40.0	159592.0	0.722969	Y
3	STD20 460-769079/5	20.0	14.158579	40.0	157965.0	0.707929	Y
4	ICIS 460-769079/2	50.0	36.510929	40.0	155411.0	0.730219	Y
5	STD80 460-769079/4	80.0	56.024759	40.0	163175.0	0.700309	Y
6	STD120 460-769079/3	120.0	83.479839	40.0	166433.0	0.695665	Y



Calibration / 1,3-Dimethylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

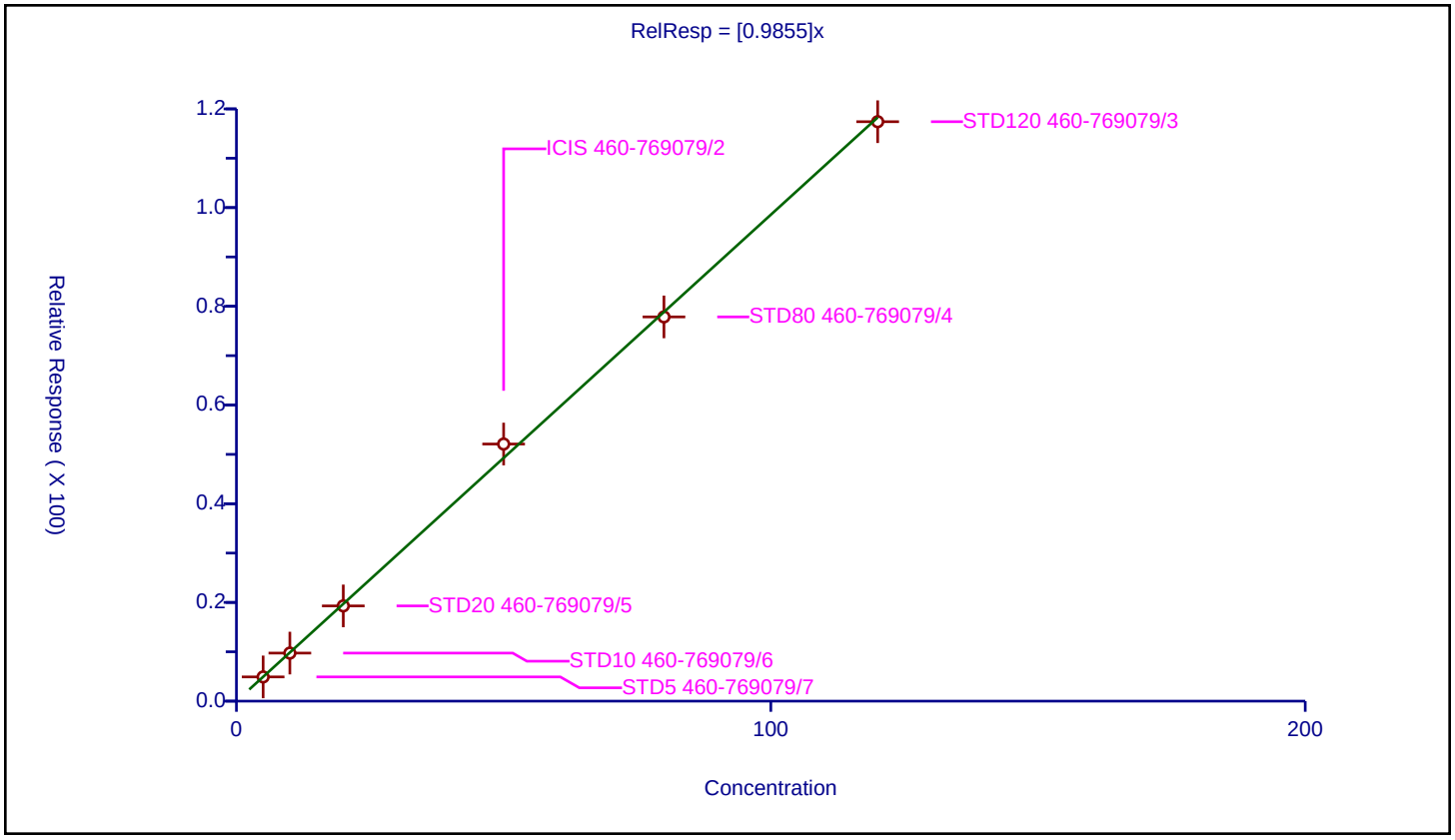
Curve Coefficients

Intercept:	0
Slope:	0.9855

Error Coefficients

Standard Error:	279000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	4.906853	40.0	157225.0	0.981371	Y
2	STD10 460-769079/6	10.0	9.735576	40.0	159592.0	0.973558	Y
3	STD20 460-769079/5	20.0	19.295667	40.0	157965.0	0.964783	Y
4	ICIS 460-769079/2	50.0	52.097985	40.0	155411.0	1.04196	Y
5	STD80 460-769079/4	80.0	77.850651	40.0	163175.0	0.973133	Y
6	STD120 460-769079/3	120.0	117.406043	40.0	166433.0	0.978384	Y



Calibration / Coumarin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

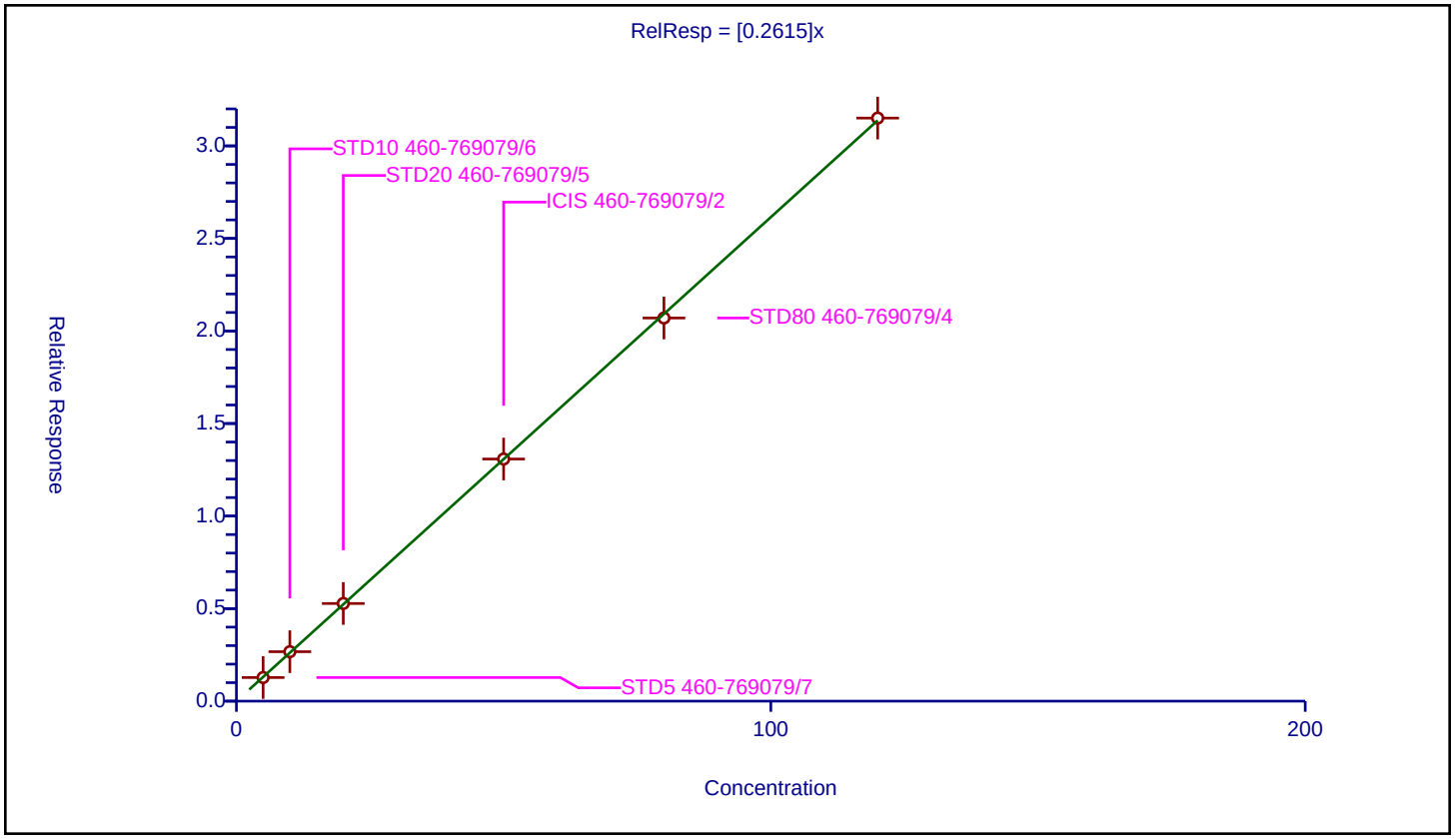
Curve Coefficients

Intercept:	0
Slope:	0.2615

Error Coefficients

Standard Error:	141000
Relative Standard Error:	1.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	1.275678	40.0	298163.0	0.255136	Y
2	STD10 460-769079/6	10.0	2.670956	40.0	302798.0	0.267096	Y
3	STD20 460-769079/5	20.0	5.275952	40.0	300632.0	0.263798	Y
4	ICIS 460-769079/2	50.0	13.081606	40.0	294551.0	0.261632	Y
5	STD80 460-769079/4	80.0	20.701248	40.0	308051.0	0.258766	Y
6	STD120 460-769079/3	120.0	31.503239	40.0	317867.0	0.262527	Y



Calibration / Dimethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

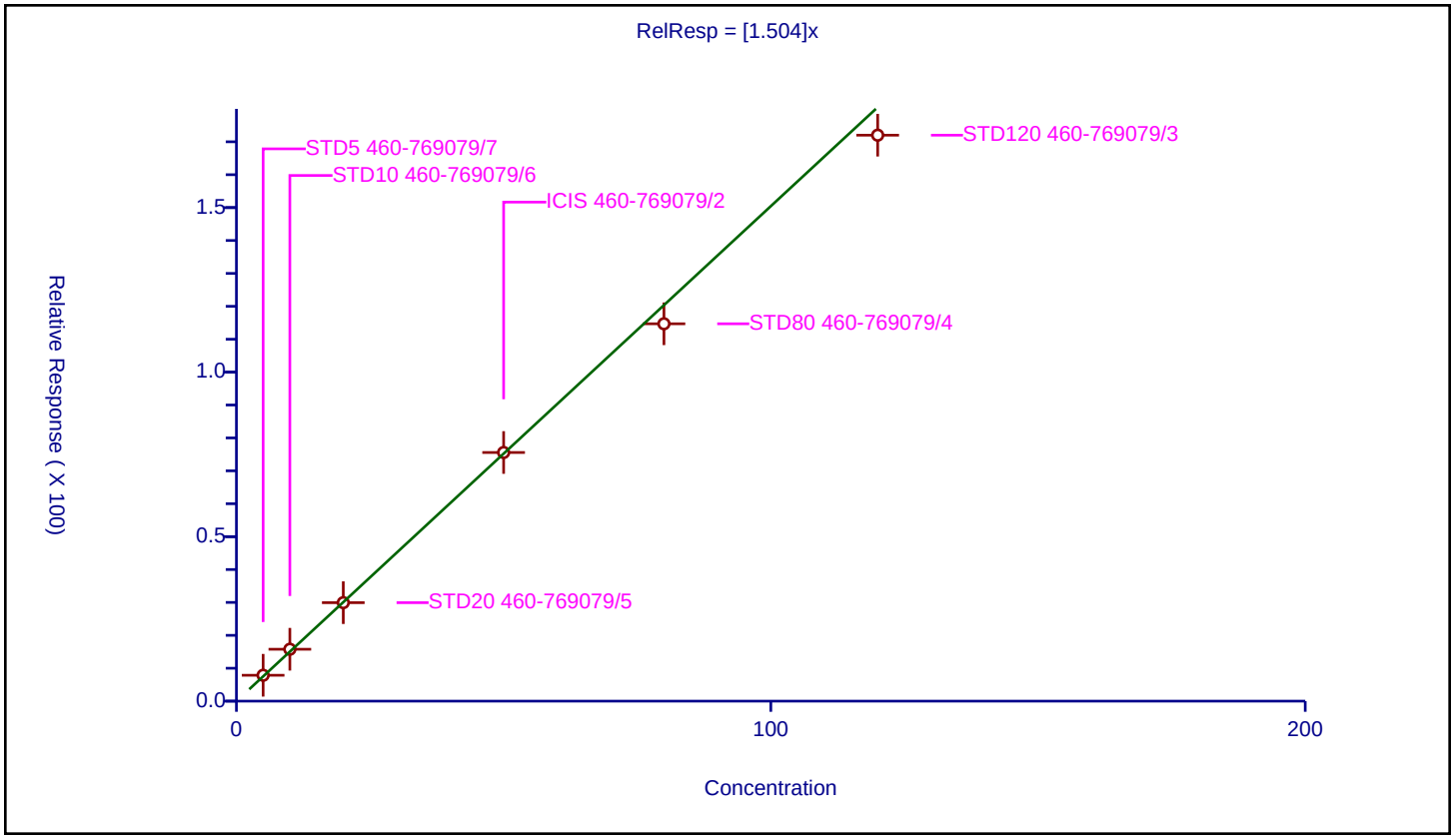
Curve Coefficients

Intercept:	0
Slope:	1.504

Error Coefficients

Standard Error:	409000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	7.867197	40.0	157225.0	1.573439	Y
2	STD10 460-769079/6	10.0	15.771718	40.0	159592.0	1.577172	Y
3	STD20 460-769079/5	20.0	29.9322	40.0	157965.0	1.49661	Y
4	ICIS 460-769079/2	50.0	75.56994	40.0	155411.0	1.511399	Y
5	STD80 460-769079/4	80.0	114.691344	40.0	163175.0	1.433642	Y
6	STD120 460-769079/3	120.0	172.013483	40.0	166433.0	1.433446	Y



Calibration / 2,6-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

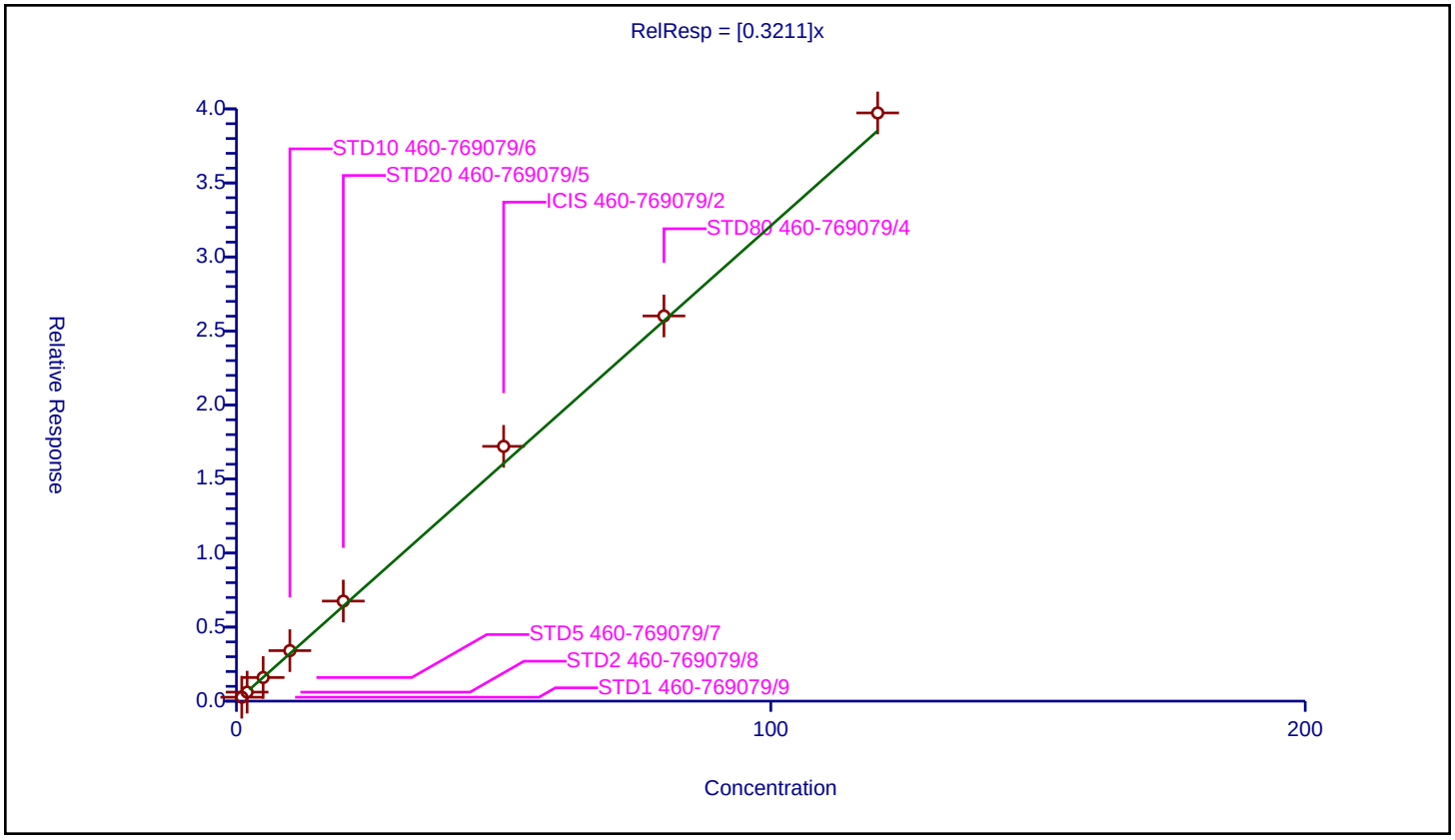
Curve Coefficients

Intercept:	0
Slope:	0.3211

Error Coefficients

Standard Error:	79300
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769079/9	1.0	0.265579	40.0	154982.0	0.265579	Y
2	STD2 460-769079/8	2.0	0.608948	40.0	162904.0	0.304474	Y
3	STD5 460-769079/7	5.0	1.594912	40.0	157225.0	0.318982	Y
4	STD10 460-769079/6	10.0	3.4117	40.0	159592.0	0.34117	Y
5	STD20 460-769079/5	20.0	6.757193	40.0	157965.0	0.33786	Y
6	ICIS 460-769079/2	50.0	17.208563	40.0	155411.0	0.344171	Y
7	STD80 460-769079/4	80.0	26.015505	40.0	163175.0	0.325194	Y
8	STD120 460-769079/3	120.0	39.728179	40.0	166433.0	0.331068	Y



Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

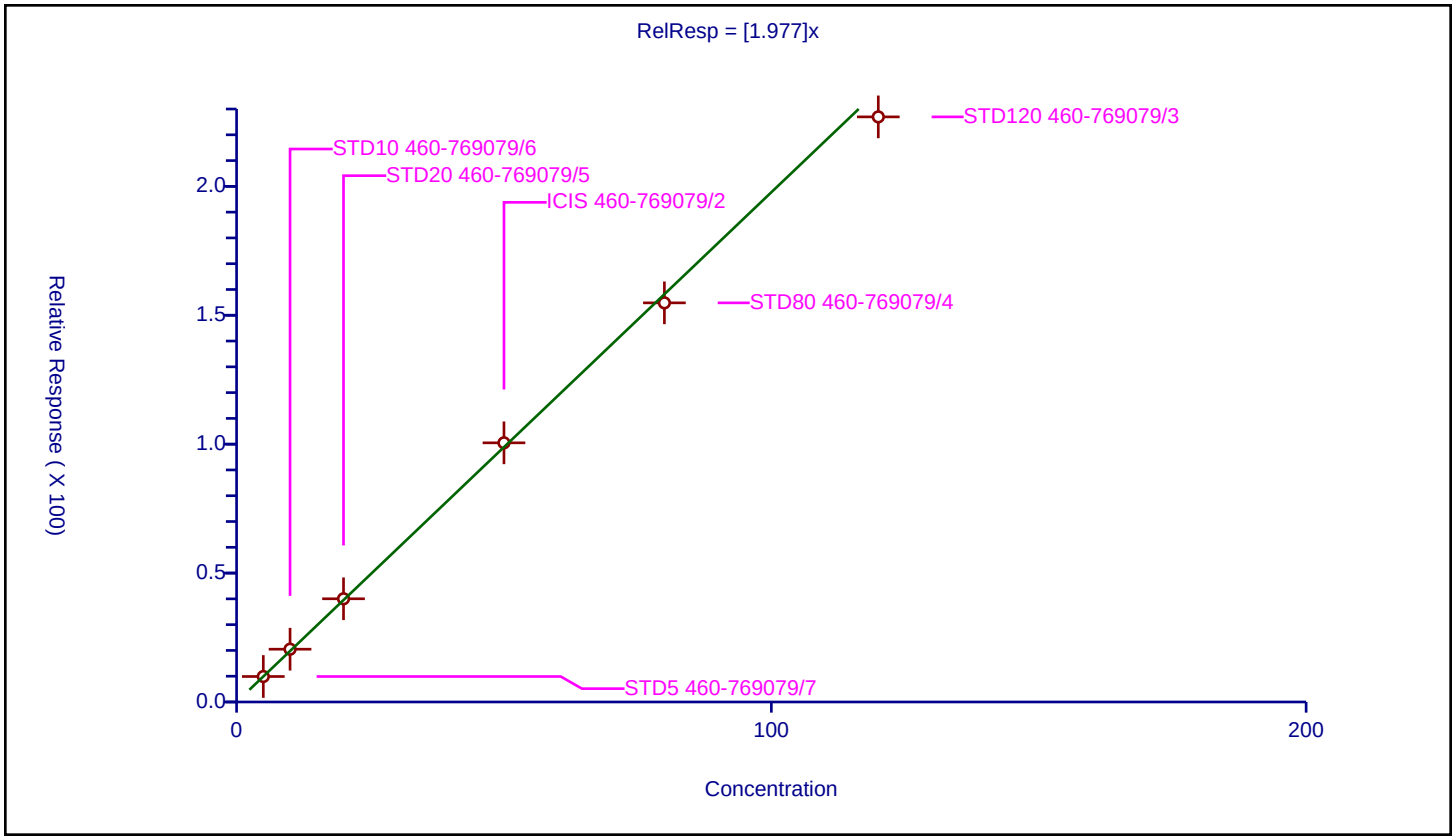
Curve Coefficients

Intercept:	0
Slope:	1.977

Error Coefficients

Standard Error:	543000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	9.87909	40.0	157225.0	1.975818	Y
2	STD10 460-769079/6	10.0	20.479473	40.0	159592.0	2.047947	Y
3	STD20 460-769079/5	20.0	40.034185	40.0	157965.0	2.001709	Y
4	ICIS 460-769079/2	50.0	100.517724	40.0	155411.0	2.010354	Y
5	STD80 460-769079/4	80.0	154.814892	40.0	163175.0	1.935186	Y
6	STD120 460-769079/3	120.0	226.950665	40.0	166433.0	1.891256	Y



Calibration / 3-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

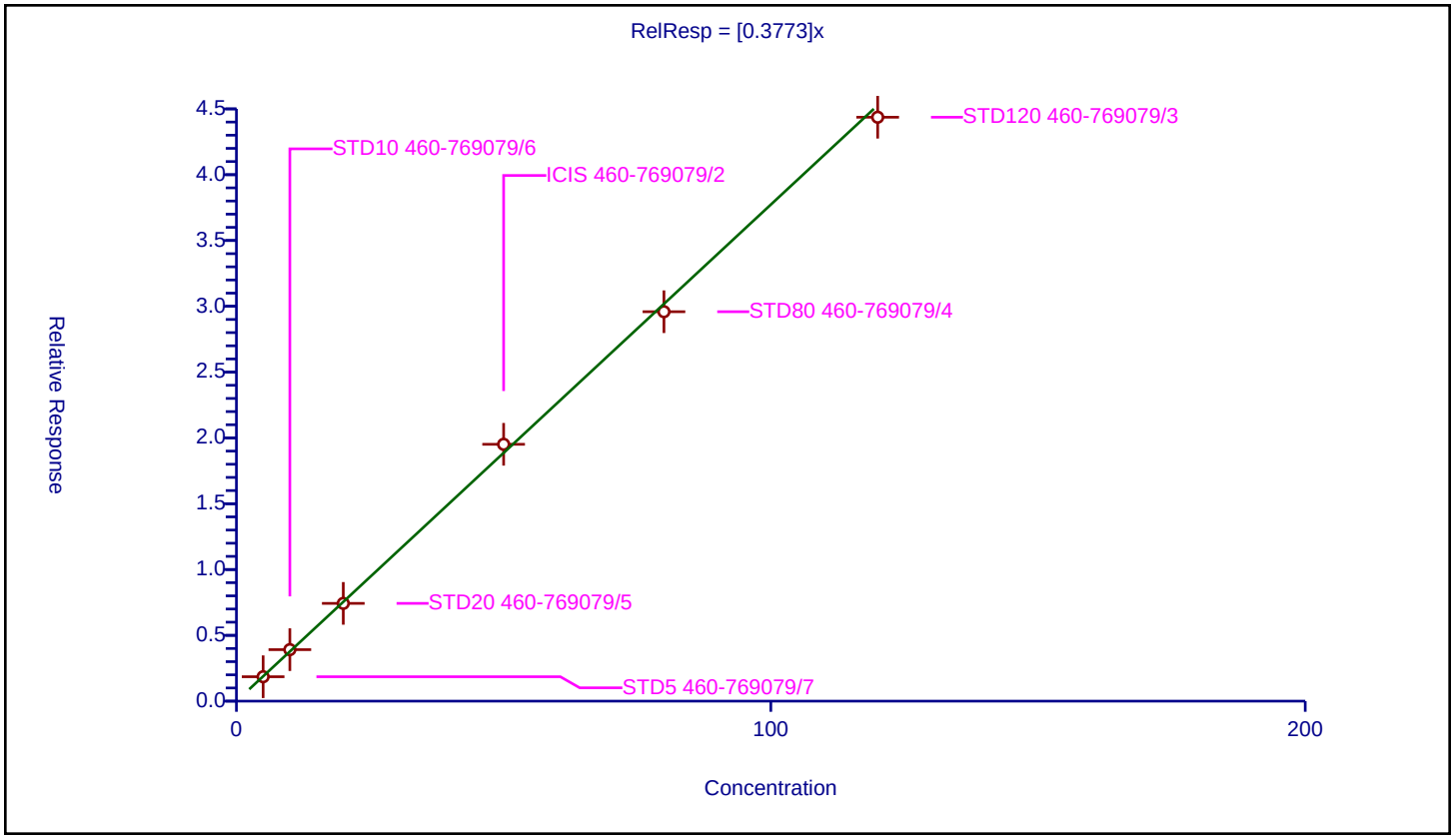
Curve Coefficients

Intercept:	0
Slope:	0.3773

Error Coefficients

Standard Error:	105000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	1.854921	40.0	157225.0	0.370984	Y
2	STD10 460-769079/6	10.0	3.913479	40.0	159592.0	0.391348	Y
3	STD20 460-769079/5	20.0	7.427975	40.0	157965.0	0.371399	Y
4	ICIS 460-769079/2	50.0	19.515736	40.0	155411.0	0.390315	Y
5	STD80 460-769079/4	80.0	29.589337	40.0	163175.0	0.369867	Y
6	STD120 460-769079/3	120.0	44.366682	40.0	166433.0	0.369722	Y



Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

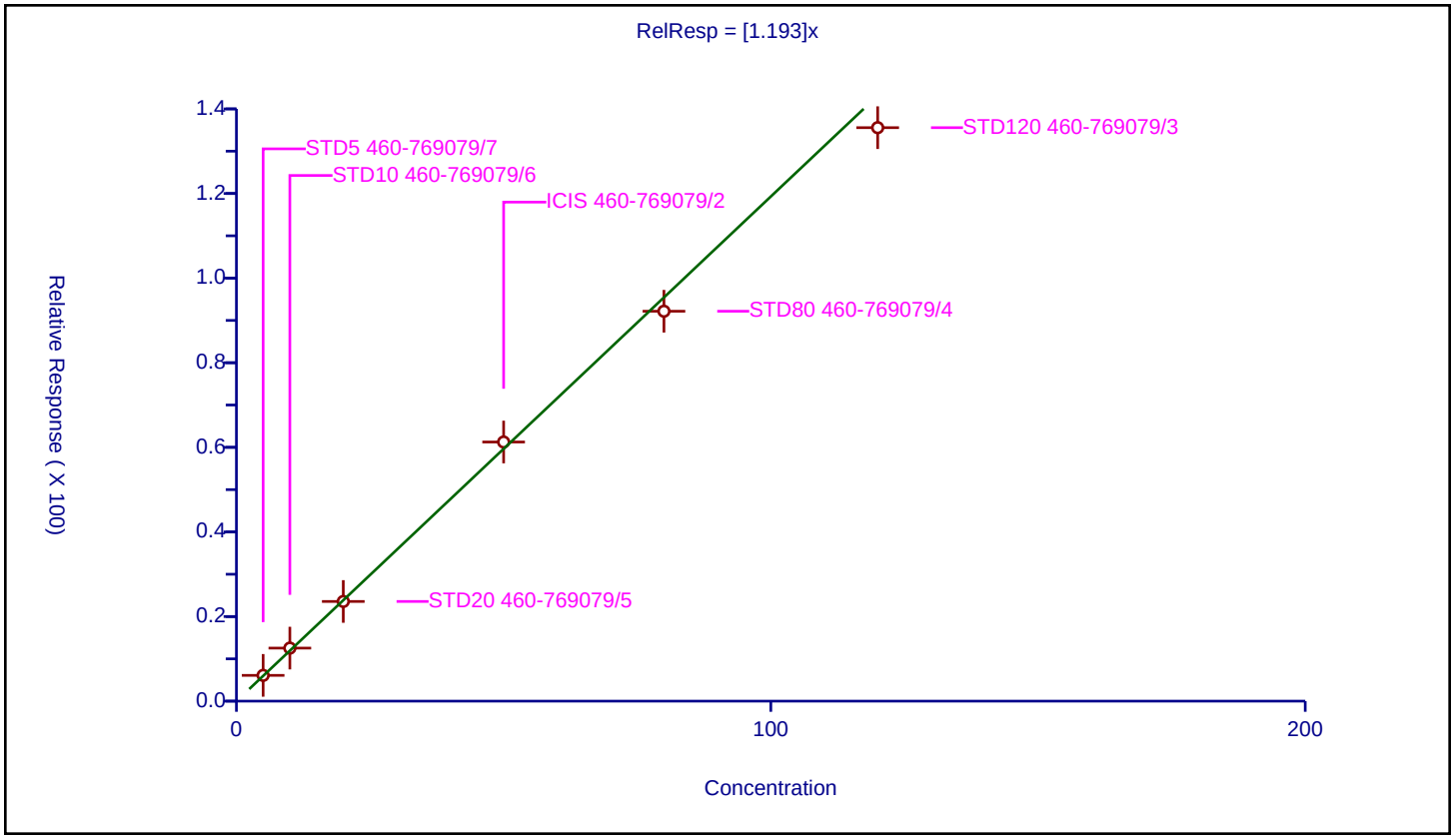
Curve Coefficients

Intercept:	0
Slope:	1.193

Error Coefficients

Standard Error:	325000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	6.091398	40.0	157225.0	1.21828	Y
2	STD10 460-769079/6	10.0	12.535716	40.0	159592.0	1.253572	Y
3	STD20 460-769079/5	20.0	23.563448	40.0	157965.0	1.178172	Y
4	ICIS 460-769079/2	50.0	61.25744	40.0	155411.0	1.225149	Y
5	STD80 460-769079/4	80.0	92.170492	40.0	163175.0	1.152131	Y
6	STD120 460-769079/3	120.0	135.559655	40.0	166433.0	1.129664	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

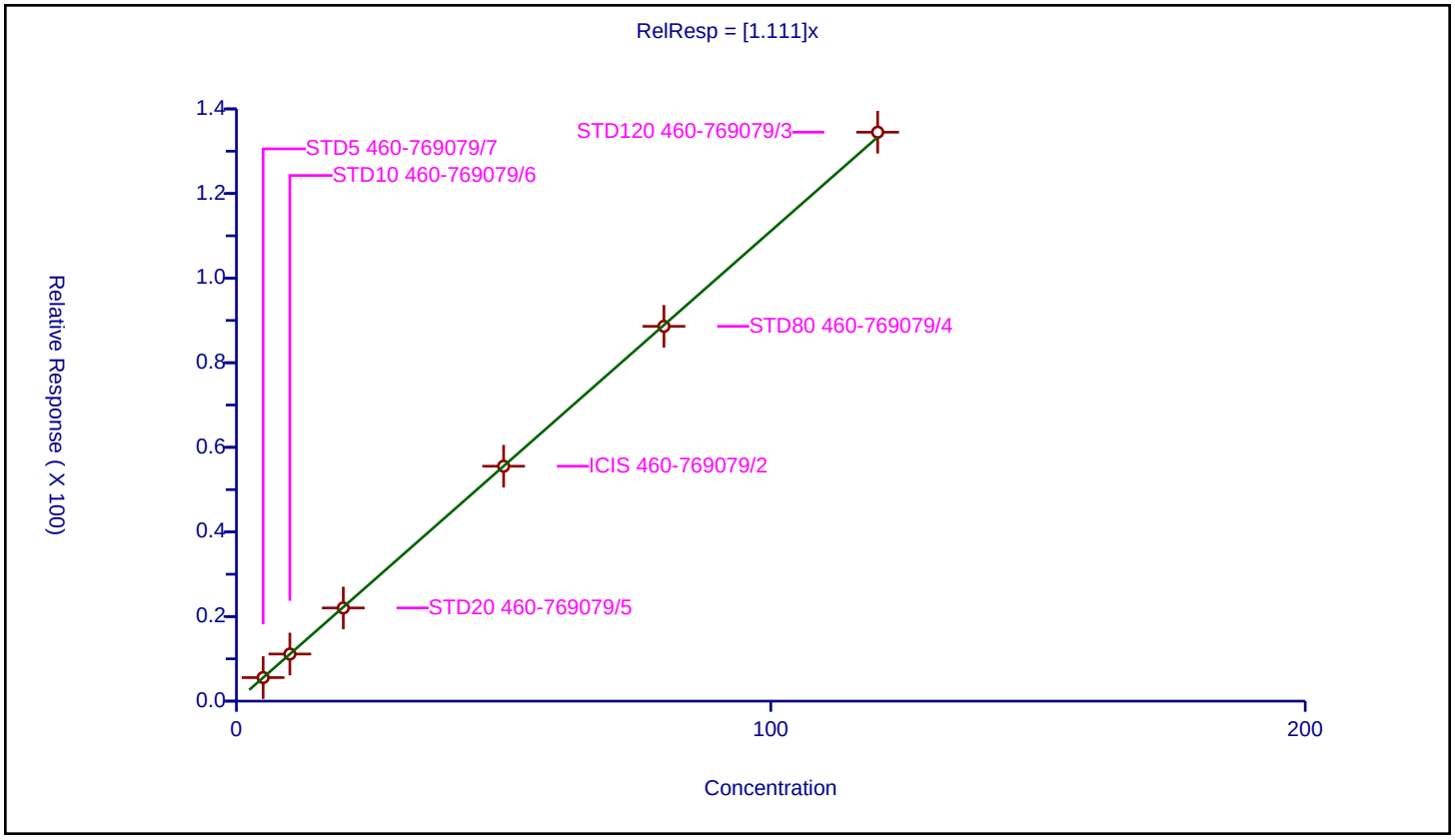
Curve Coefficients

Intercept:	0
Slope:	1.111

Error Coefficients

Standard Error:	316000
Relative Standard Error:	0.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	5.567308	40.0	157225.0	1.113462	Y
2	STD10 460-769079/6	10.0	11.135646	40.0	159592.0	1.113565	Y
3	STD20 460-769079/5	20.0	22.025385	40.0	157965.0	1.101269	Y
4	ICIS 460-769079/2	50.0	55.535065	40.0	155411.0	1.110701	Y
5	STD80 460-769079/4	80.0	88.600582	40.0	163175.0	1.107507	Y
6	STD120 460-769079/3	120.0	134.488233	40.0	166433.0	1.120735	Y



Calibration / 2,4-Dinitrophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

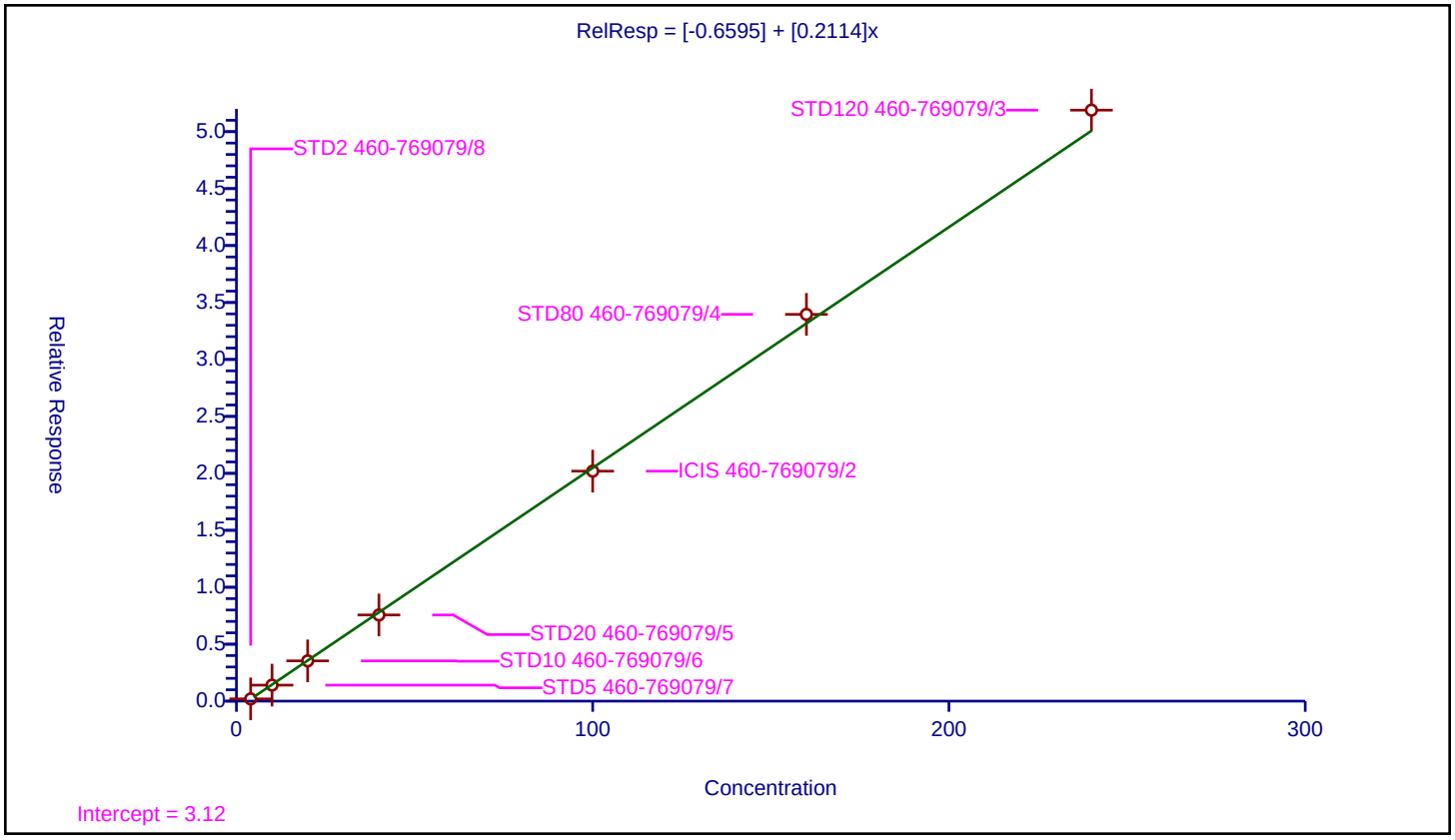
Curve Coefficients

Intercept:	-0.6595
Slope:	0.2114

Error Coefficients

Standard Error:	121000
Relative Standard Error:	2.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769079/8	4.0	0.197171	40.0	162904.0	0.049293	Y
2	STD5 460-769079/7	10.0	1.404611	40.0	157225.0	0.140461	Y
3	STD10 460-769079/6	20.0	3.535014	40.0	159592.0	0.176751	Y
4	STD20 460-769079/5	40.0	7.566739	40.0	157965.0	0.189168	Y
5	ICIS 460-769079/2	100.0	20.192908	40.0	155411.0	0.201929	Y
6	STD80 460-769079/4	160.0	33.958879	40.0	163175.0	0.212243	Y
7	STD120 460-769079/3	240.0	51.890911	40.0	166433.0	0.216212	Y



Calibration / 4-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

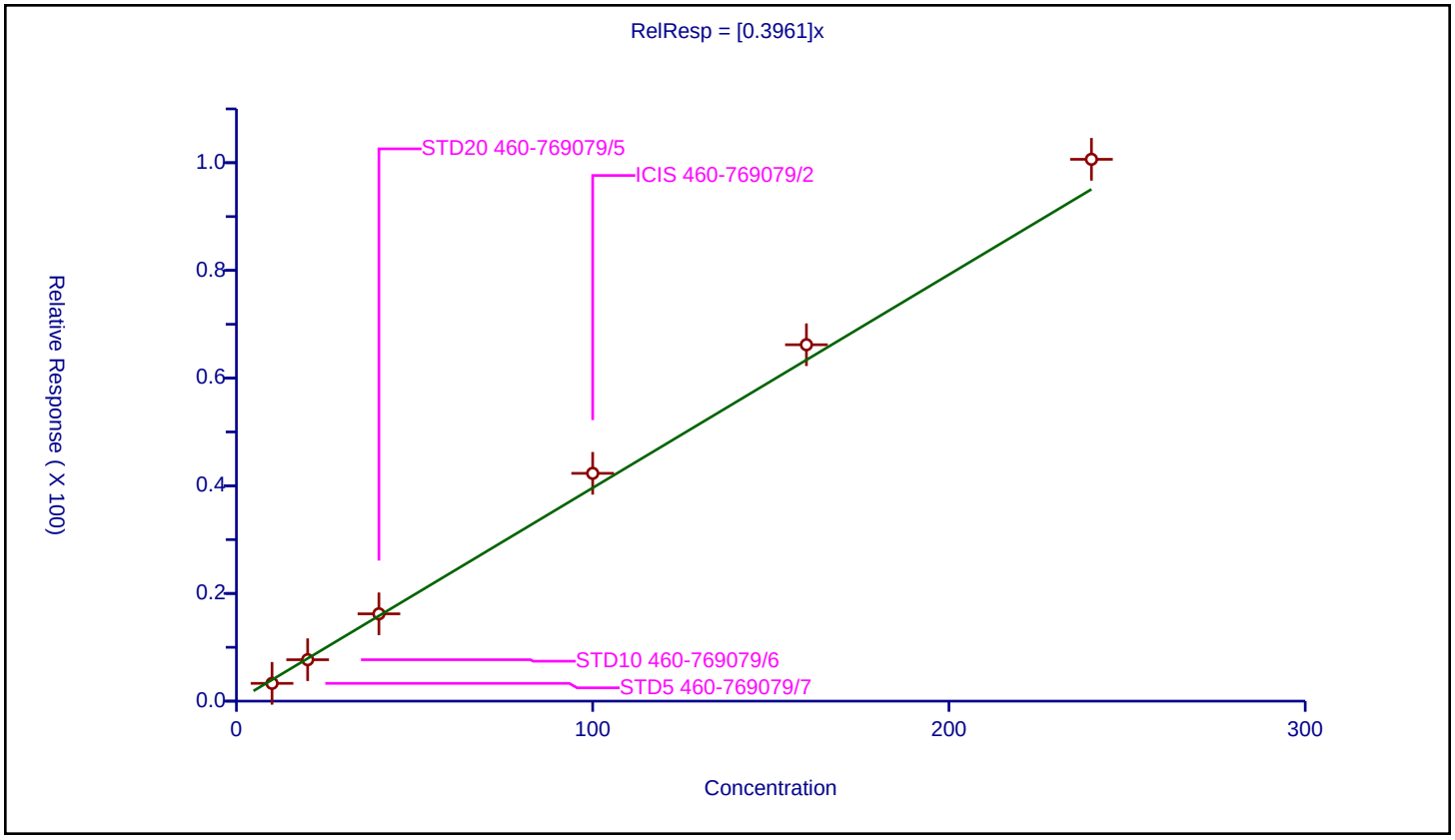
Curve Coefficients

Intercept:	0
Slope:	0.3961

Error Coefficients

Standard Error:	237000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	10.0	3.302783	40.0	157225.0	0.330278	Y
2	STD10 460-769079/6	20.0	7.693619	40.0	159592.0	0.384681	Y
3	STD20 460-769079/5	40.0	16.220302	40.0	157965.0	0.405508	Y
4	ICIS 460-769079/2	100.0	42.31232	40.0	155411.0	0.423123	Y
5	STD80 460-769079/4	160.0	66.197641	40.0	163175.0	0.413735	Y
6	STD120 460-769079/3	240.0	100.636052	40.0	166433.0	0.419317	Y



Calibration / 2,4-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

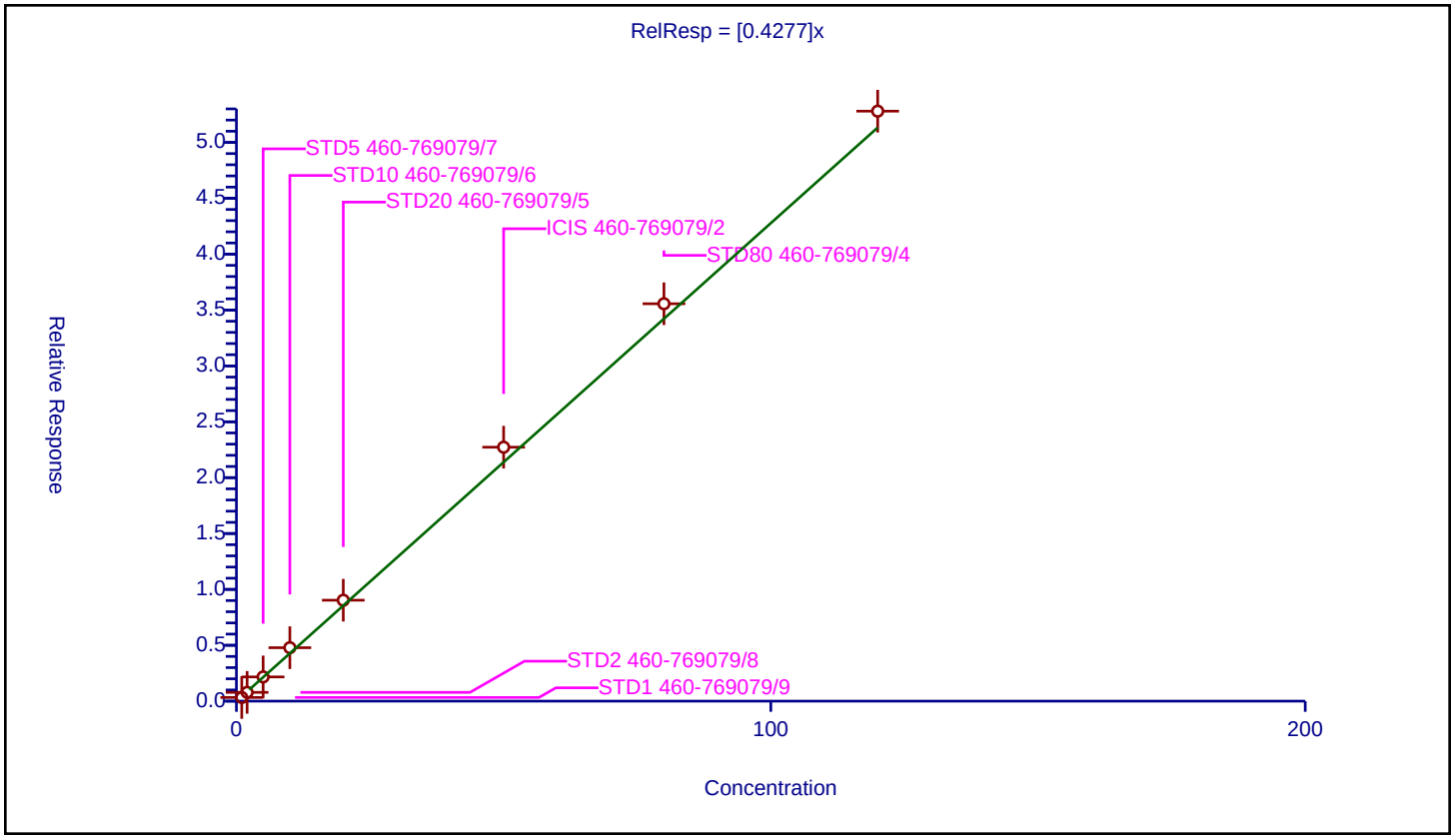
Curve Coefficients

Intercept:	0
Slope:	0.4277

Error Coefficients

Standard Error:	106000
Relative Standard Error:	11.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769079/9	1.0	0.326748	40.0	154982.0	0.326748	Y
2	STD2 460-769079/8	2.0	0.785493	40.0	162904.0	0.392747	Y
3	STD5 460-769079/7	5.0	2.168103	40.0	157225.0	0.433621	Y
4	STD10 460-769079/6	10.0	4.782696	40.0	159592.0	0.47827	Y
5	STD20 460-769079/5	20.0	9.031621	40.0	157965.0	0.451581	Y
6	ICIS 460-769079/2	50.0	22.72426	40.0	155411.0	0.454485	Y
7	STD80 460-769079/4	80.0	35.563046	40.0	163175.0	0.444538	Y
8	STD120 460-769079/3	120.0	52.797222	40.0	166433.0	0.439977	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

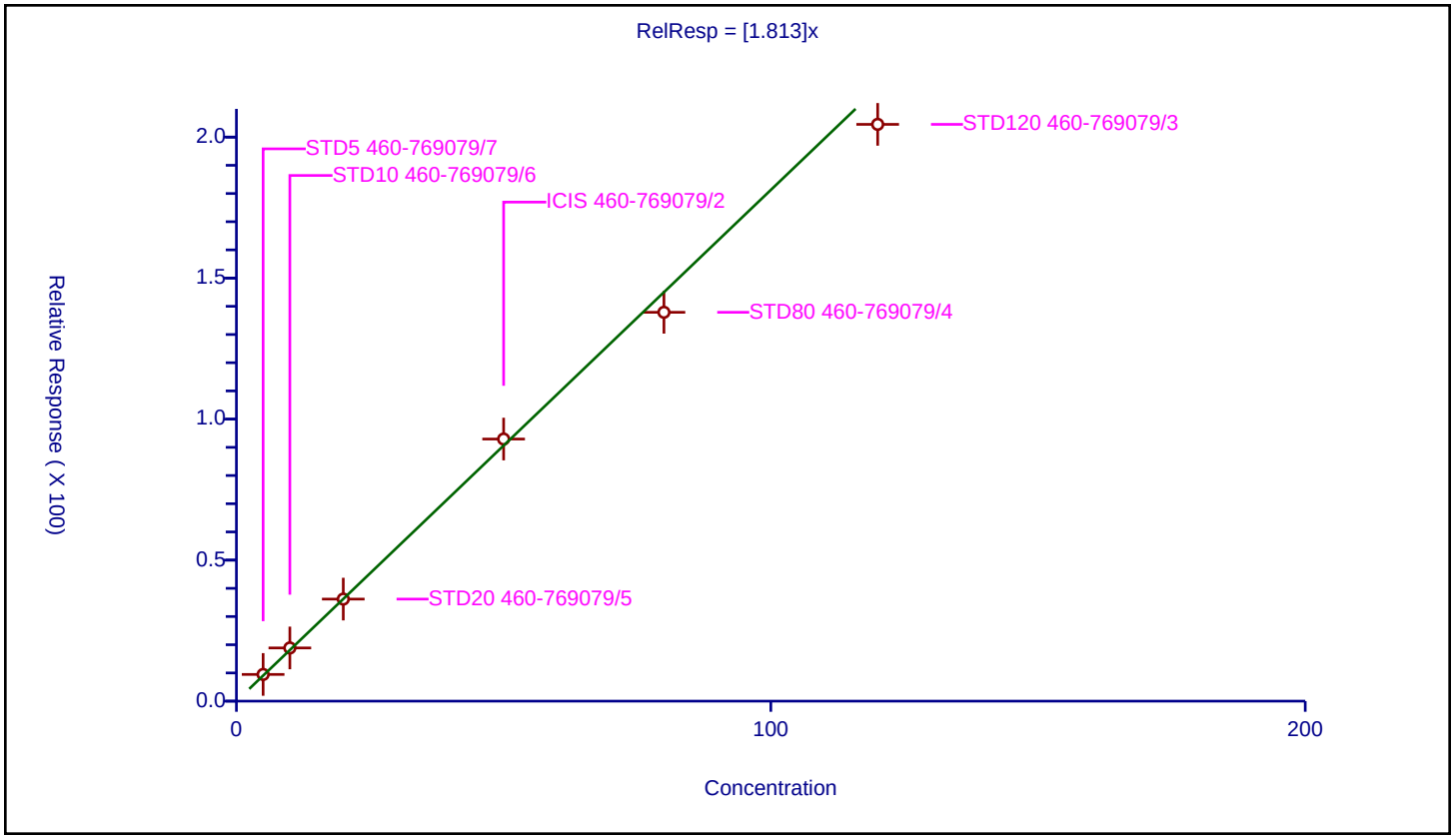
Curve Coefficients

Intercept:	0
Slope:	1.813

Error Coefficients

Standard Error:	489000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	9.466433	40.0	157225.0	1.893287	Y
2	STD10 460-769079/6	10.0	18.8626	40.0	159592.0	1.88626	Y
3	STD20 460-769079/5	20.0	36.180926	40.0	157965.0	1.809046	Y
4	ICIS 460-769079/2	50.0	92.936021	40.0	155411.0	1.85872	Y
5	STD80 460-769079/4	80.0	137.876513	40.0	163175.0	1.723456	Y
6	STD120 460-769079/3	120.0	204.51473	40.0	166433.0	1.704289	Y



Calibration / 2,3,4,6-Tetrachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

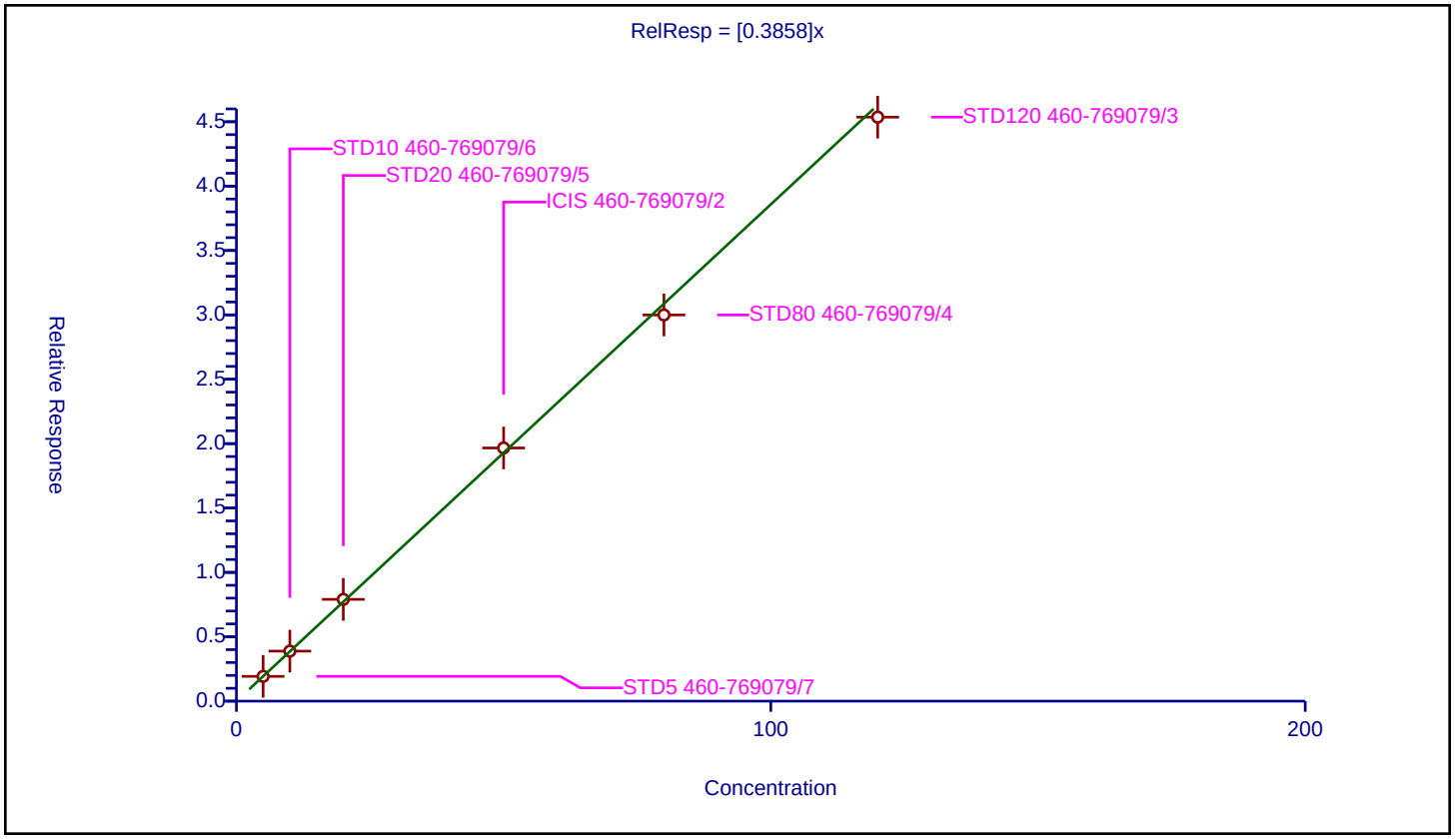
Curve Coefficients

Intercept:	0
Slope:	0.3858

Error Coefficients

Standard Error:	107000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	1.924376	40.0	157225.0	0.384875	Y
2	STD10 460-769079/6	10.0	3.88641	40.0	159592.0	0.388641	Y
3	STD20 460-769079/5	20.0	7.904536	40.0	157965.0	0.395227	Y
4	ICIS 460-769079/2	50.0	19.66373	40.0	155411.0	0.393275	Y
5	STD80 460-769079/4	80.0	29.99381	40.0	163175.0	0.374923	Y
6	STD120 460-769079/3	120.0	45.358793	40.0	166433.0	0.37799	Y



Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

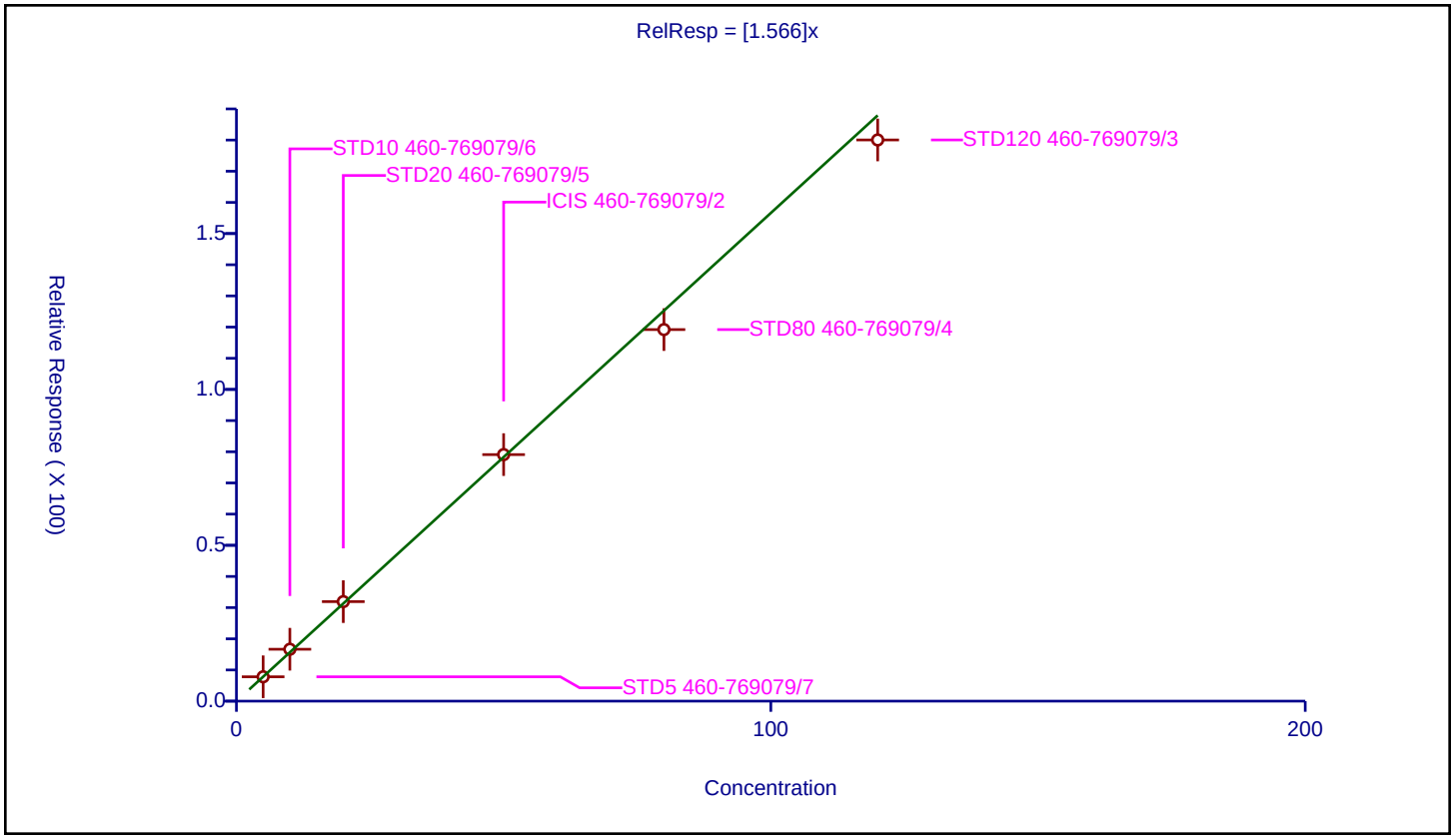
Curve Coefficients

Intercept:	0
Slope:	1.566

Error Coefficients

Standard Error:	427000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	7.811226	40.0	157225.0	1.562245	Y
2	STD10 460-769079/6	10.0	16.647702	40.0	159592.0	1.66477	Y
3	STD20 460-769079/5	20.0	31.928339	40.0	157965.0	1.596417	Y
4	ICIS 460-769079/2	50.0	79.096074	40.0	155411.0	1.581921	Y
5	STD80 460-769079/4	80.0	119.200368	40.0	163175.0	1.490005	Y
6	STD120 460-769079/3	120.0	180.038574	40.0	166433.0	1.500321	Y



Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

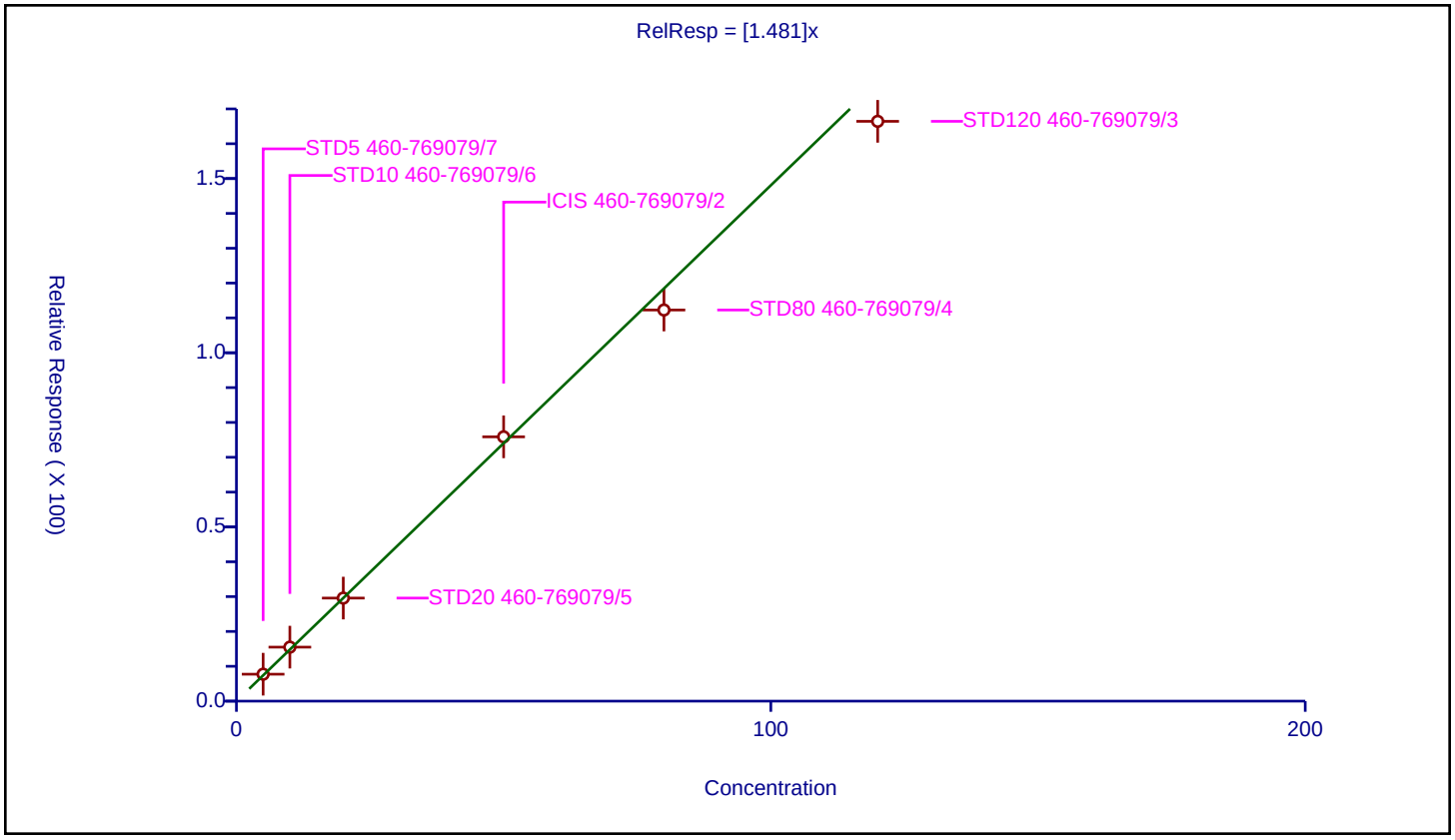
Curve Coefficients

Intercept:	0
Slope:	1.481

Error Coefficients

Standard Error:	399000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	7.731849	40.0	157225.0	1.54637	Y
2	STD10 460-769079/6	10.0	15.49802	40.0	159592.0	1.549802	Y
3	STD20 460-769079/5	20.0	29.584275	40.0	157965.0	1.479214	Y
4	ICIS 460-769079/2	50.0	75.863871	40.0	155411.0	1.517277	Y
5	STD80 460-769079/4	80.0	112.273326	40.0	163175.0	1.403417	Y
6	STD120 460-769079/3	120.0	166.430696	40.0	166433.0	1.386922	Y



Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

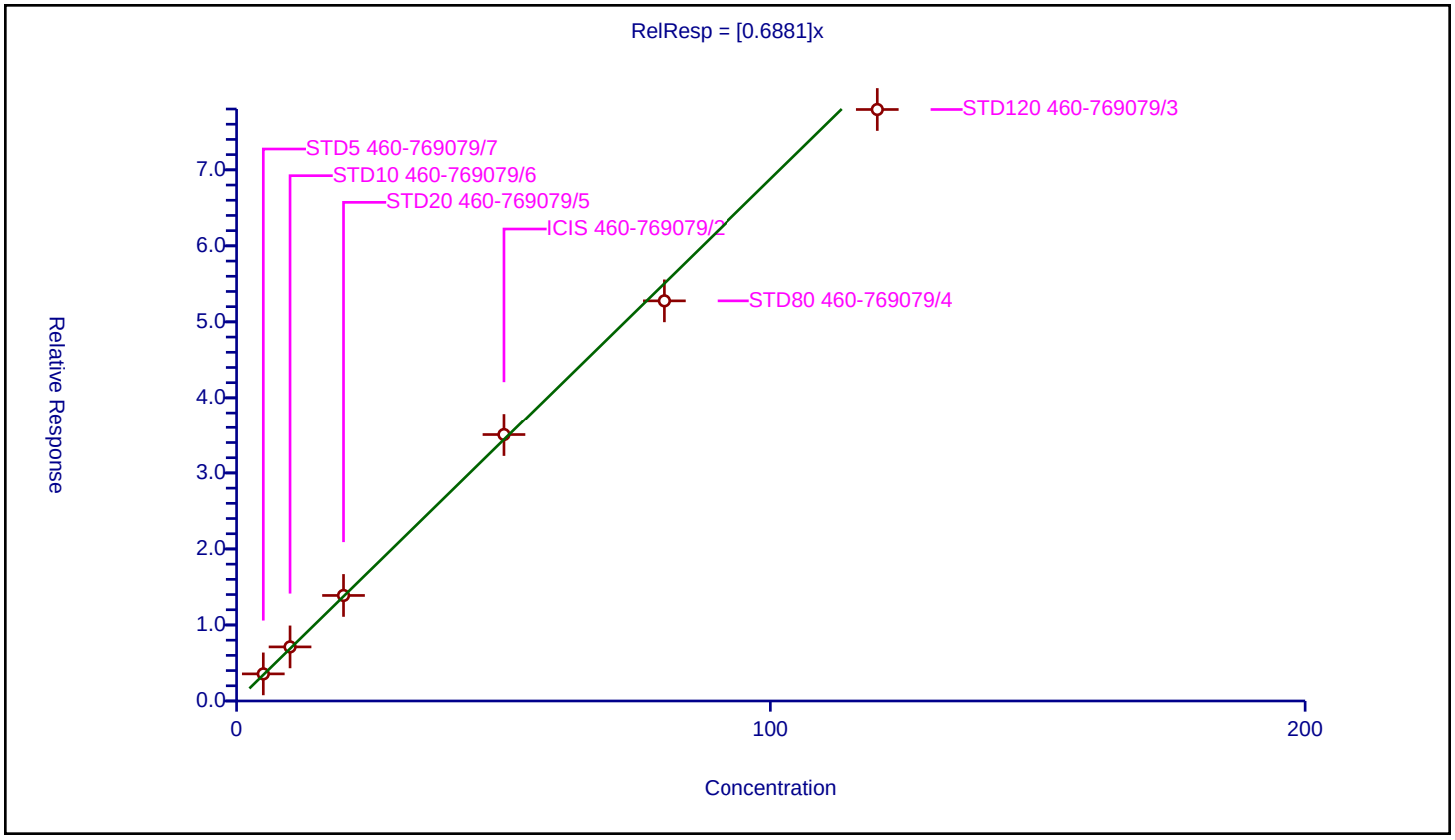
Curve Coefficients

Intercept:	0
Slope:	0.6881

Error Coefficients

Standard Error:	187000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	3.564827	40.0	157225.0	0.712965	Y
2	STD10 460-769079/6	10.0	7.116397	40.0	159592.0	0.71164	Y
3	STD20 460-769079/5	20.0	13.880543	40.0	157965.0	0.694027	Y
4	ICIS 460-769079/2	50.0	35.052602	40.0	155411.0	0.701052	Y
5	STD80 460-769079/4	80.0	52.765681	40.0	163175.0	0.659571	Y
6	STD120 460-769079/3	120.0	77.935265	40.0	166433.0	0.649461	Y



Calibration / 4-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

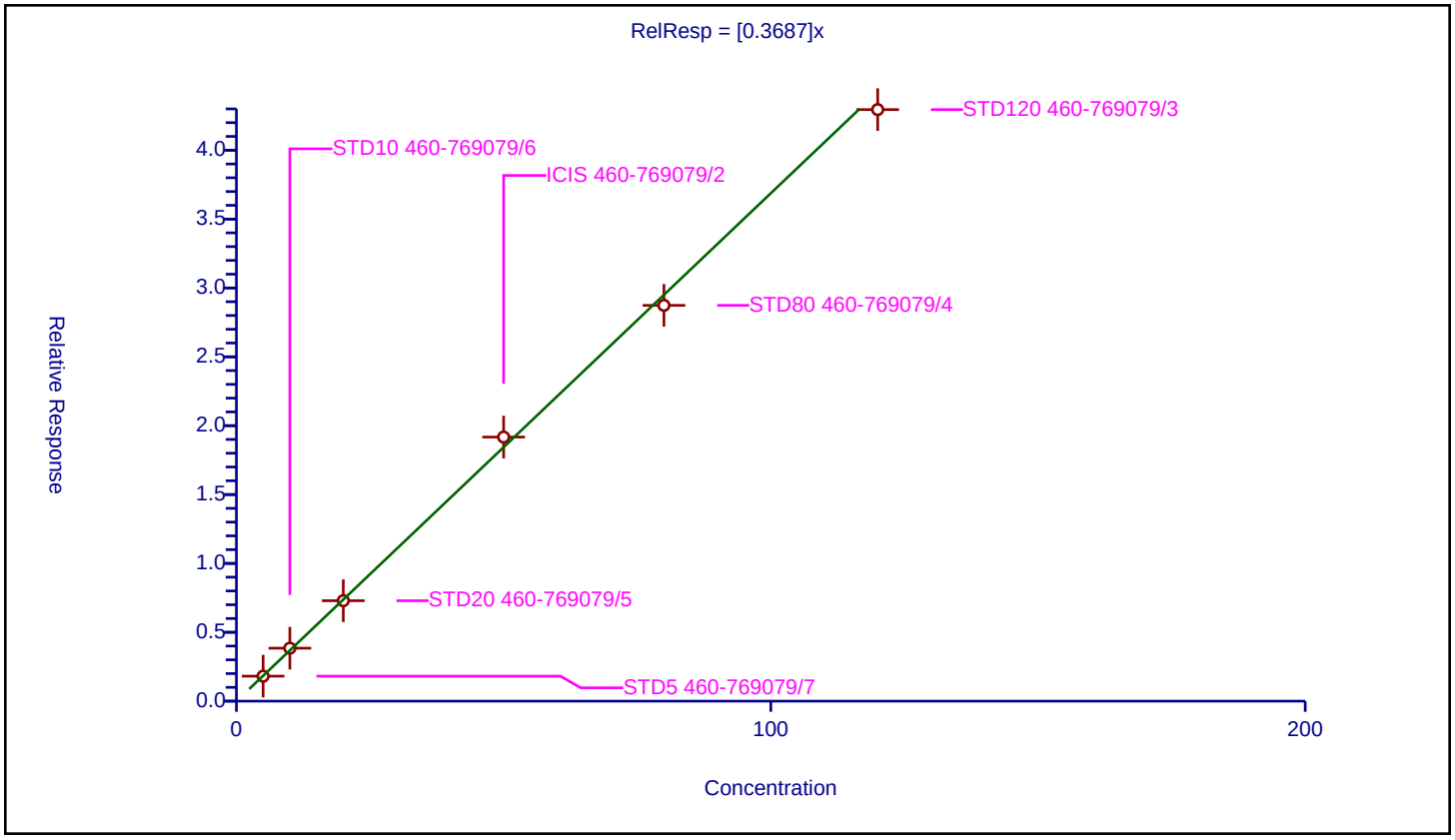
Curve Coefficients

Intercept:	0
Slope:	0.3687

Error Coefficients

Standard Error:	102000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	1.813961	40.0	157225.0	0.362792	Y
2	STD10 460-769079/6	10.0	3.845556	40.0	159592.0	0.384556	Y
3	STD20 460-769079/5	20.0	7.291489	40.0	157965.0	0.364574	Y
4	ICIS 460-769079/2	50.0	19.171873	40.0	155411.0	0.383437	Y
5	STD80 460-769079/4	80.0	28.735039	40.0	163175.0	0.359188	Y
6	STD120 460-769079/3	120.0	42.947252	40.0	166433.0	0.357894	Y



Calibration / 4,6-Dinitro-2-methylphenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

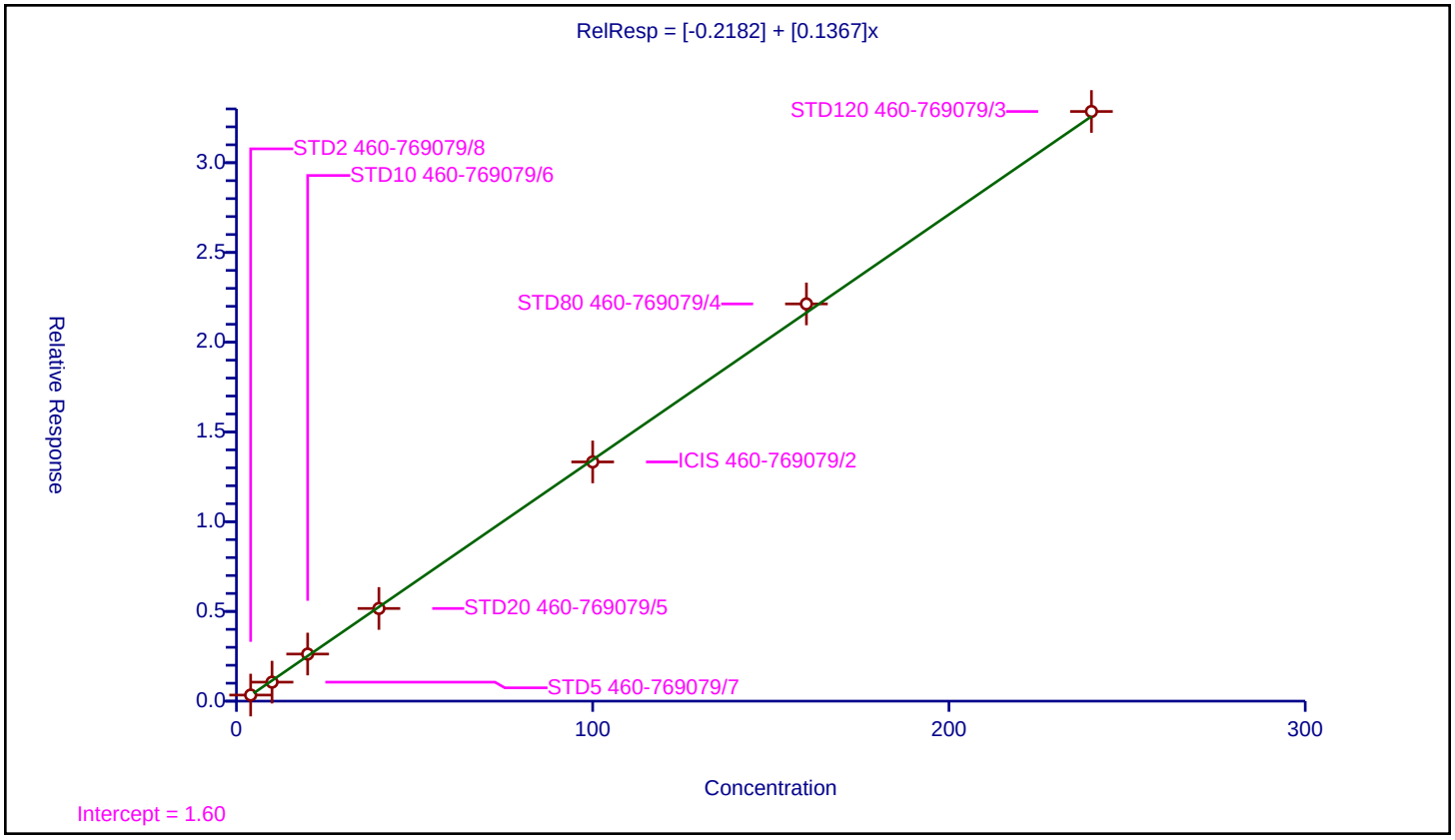
Curve Coefficients

Intercept:	-0.2182
Slope:	0.1367

Error Coefficients

Standard Error:	144000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769079/8	4.0	0.339099	40.0	300207.0	0.084775	Y
2	STD5 460-769079/7	10.0	1.058476	40.0	289246.0	0.105848	Y
3	STD10 460-769079/6	20.0	2.623991	40.0	295565.0	0.1312	Y
4	STD20 460-769079/5	40.0	5.163988	40.0	294199.0	0.1291	Y
5	ICIS 460-769079/2	100.0	13.328681	40.0	298034.0	0.133287	Y
6	STD80 460-769079/4	160.0	22.133549	40.0	297120.0	0.138335	Y
7	STD120 460-769079/3	240.0	32.855449	40.0	308638.0	0.136898	Y



Calibration / N-Nitrosodiphenylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

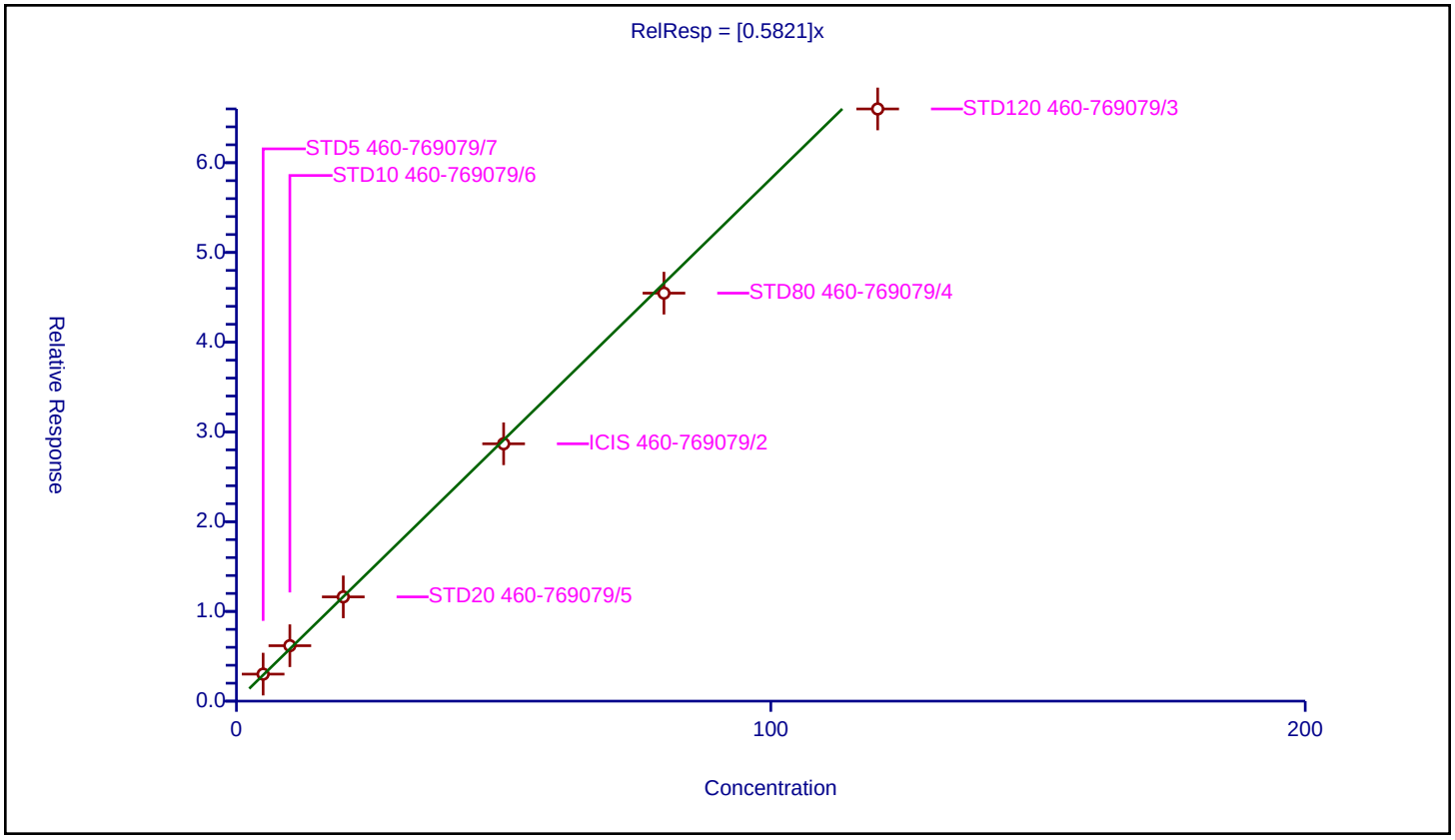
Curve Coefficients

Intercept:	0
Slope:	0.5821

Error Coefficients

Standard Error:	293000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	3.010171	40.0	289246.0	0.602034	Y
2	STD10 460-769079/6	10.0	6.178269	40.0	295565.0	0.617827	Y
3	STD20 460-769079/5	20.0	11.61921	40.0	294199.0	0.580961	Y
4	ICIS 460-769079/2	50.0	28.680218	40.0	298034.0	0.573604	Y
5	STD80 460-769079/4	80.0	45.46769	40.0	297120.0	0.568346	Y
6	STD120 460-769079/3	120.0	65.992911	40.0	308638.0	0.549941	Y



Calibration / 1,2-Diphenylhydrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

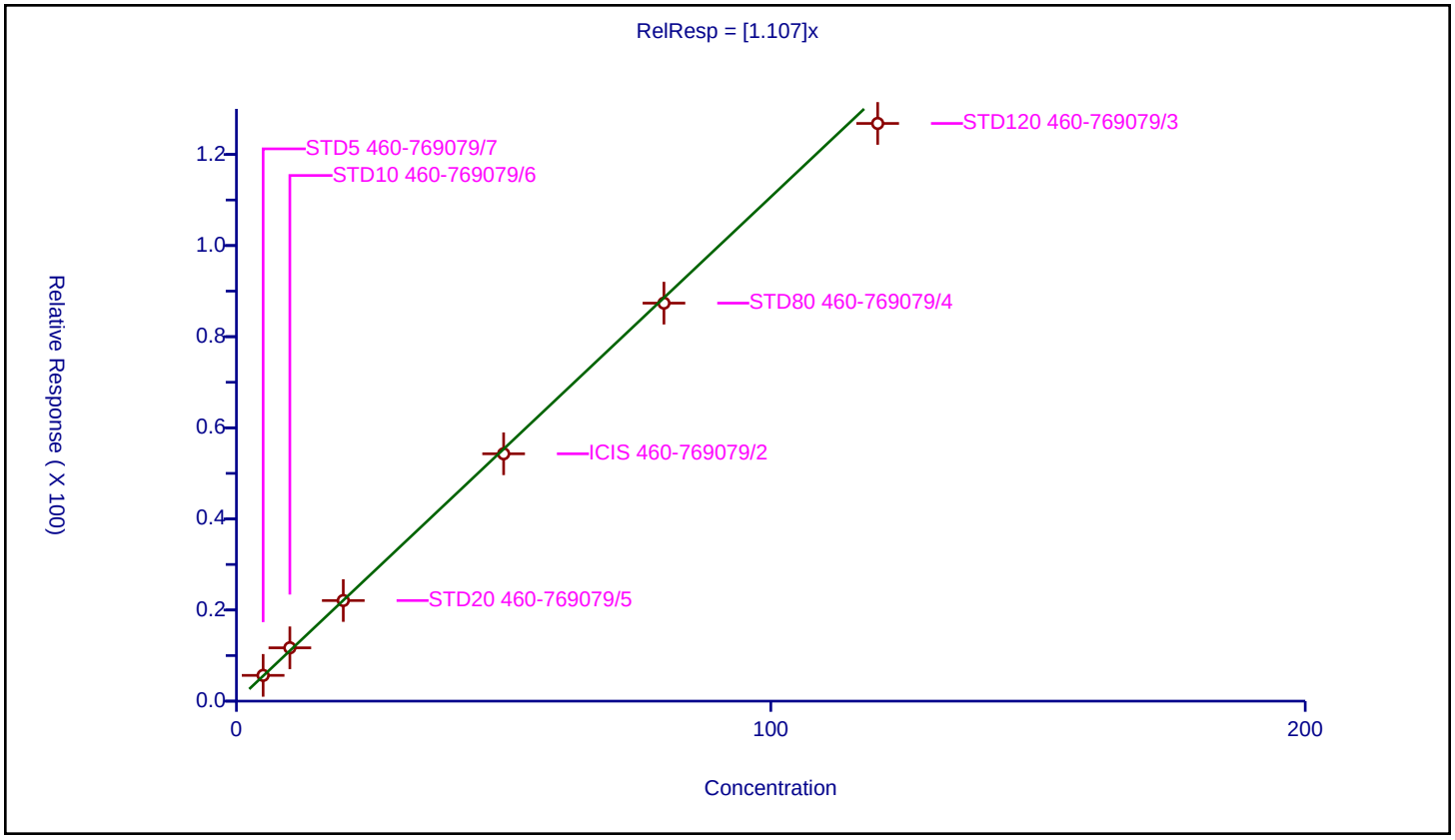
Curve Coefficients

Intercept:	0
Slope:	1.107

Error Coefficients

Standard Error:	562000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	5.653596	40.0	289246.0	1.130719	Y
2	STD10 460-769079/6	10.0	11.704498	40.0	295565.0	1.17045	Y
3	STD20 460-769079/5	20.0	22.086683	40.0	294199.0	1.104334	Y
4	ICIS 460-769079/2	50.0	54.298905	40.0	298034.0	1.085978	Y
5	STD80 460-769079/4	80.0	87.36322	40.0	297120.0	1.09204	Y
6	STD120 460-769079/3	120.0	126.808364	40.0	308638.0	1.056736	Y



Calibration / 2,4,6-Tribromophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

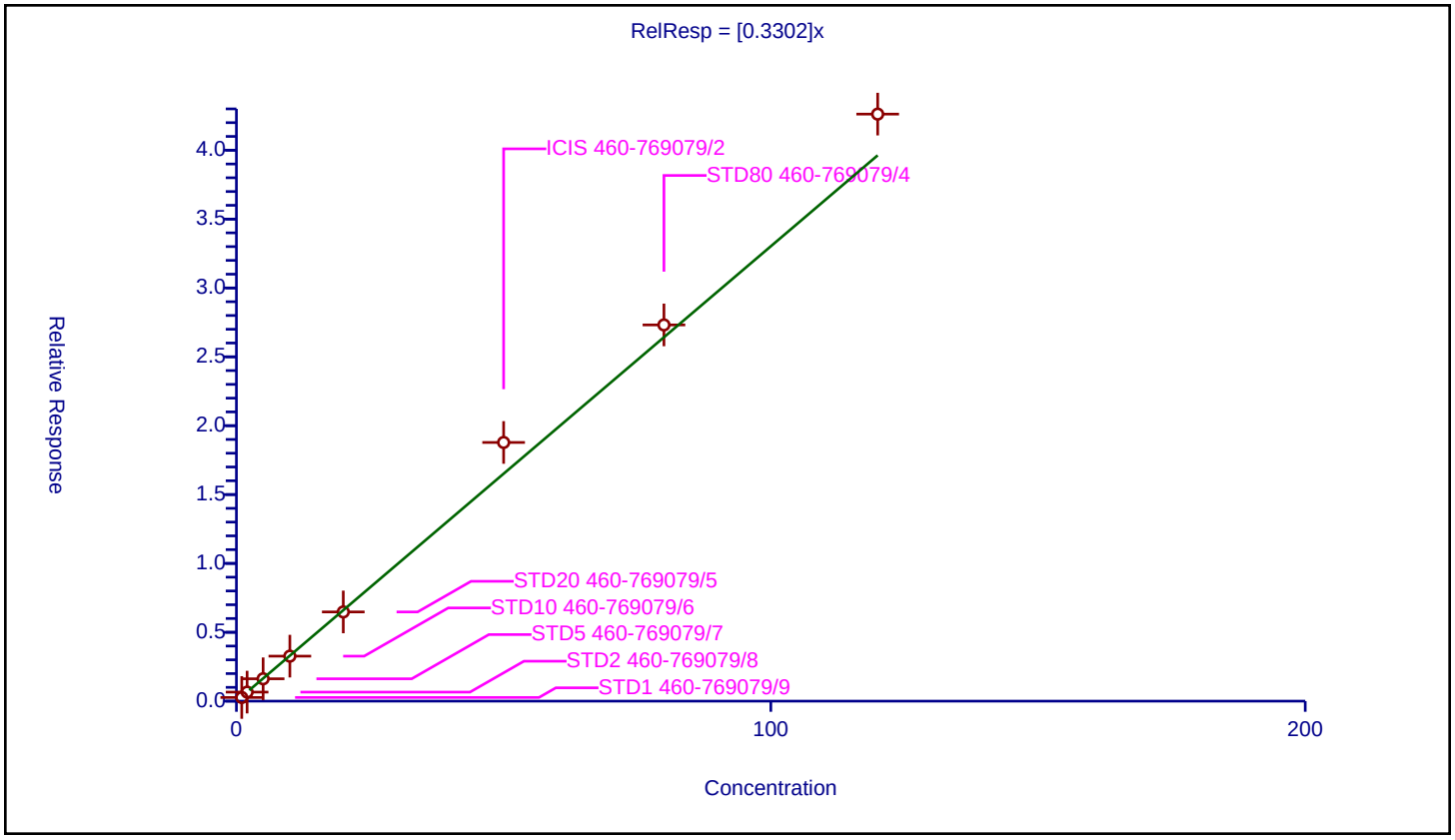
Curve Coefficients

Intercept:	0
Slope:	0.3302

Error Coefficients

Standard Error:	84500
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769079/9	1.0	0.265579	40.0	154982.0	0.265579	Y
2	STD2 460-769079/8	2.0	0.65732	40.0	162904.0	0.32866	Y
3	STD5 460-769079/7	5.0	1.624169	40.0	157225.0	0.324834	Y
4	STD10 460-769079/6	10.0	3.267332	40.0	159592.0	0.326733	Y
5	STD20 460-769079/5	20.0	6.476878	40.0	157965.0	0.323844	Y
6	ICIS 460-769079/2	50.0	18.781167	40.0	155411.0	0.375623	Y
7	STD80 460-769079/4	80.0	27.315704	40.0	163175.0	0.341446	Y
8	STD120 460-769079/3	120.0	42.620153	40.0	166433.0	0.355168	Y



Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

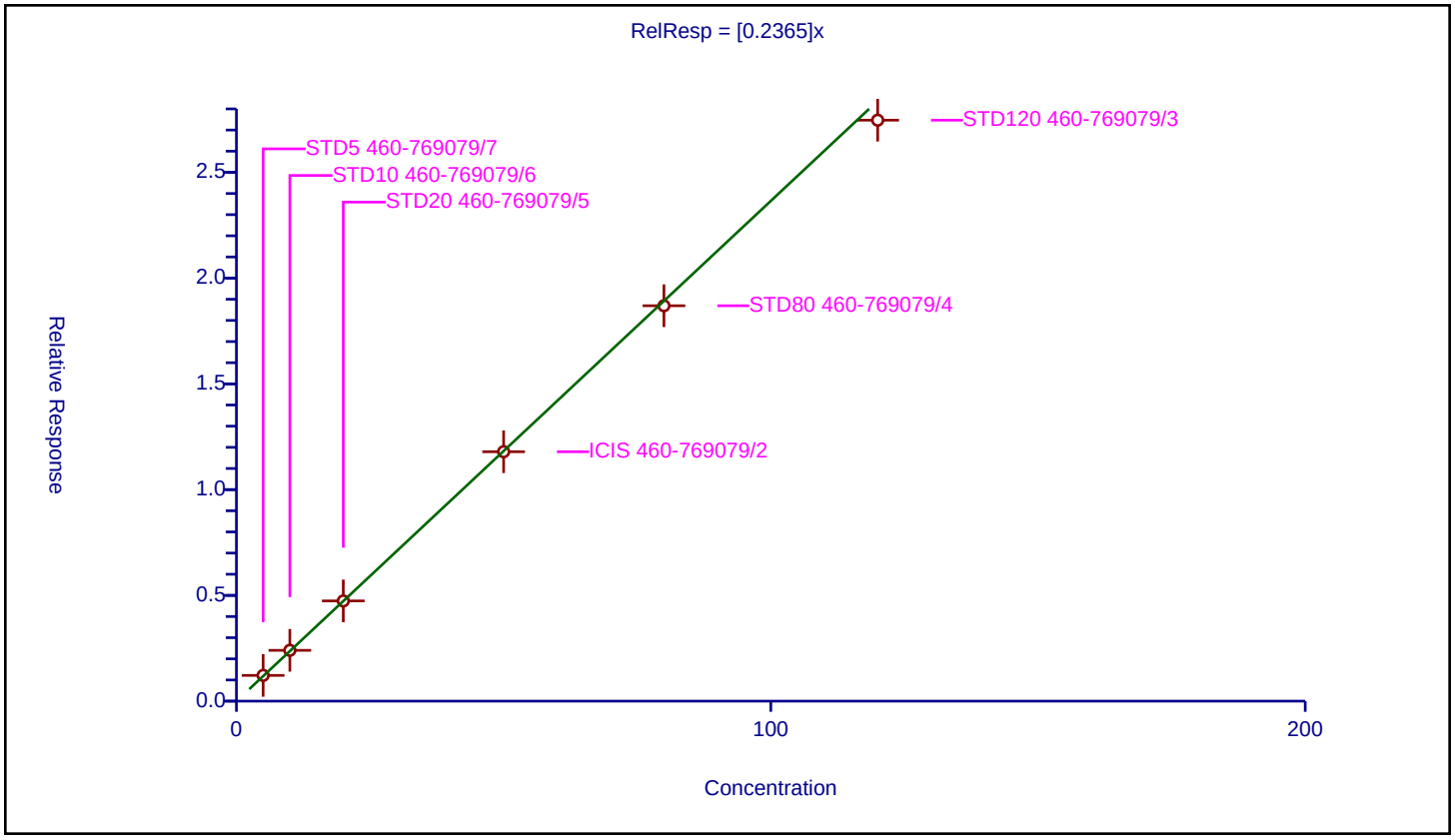
Curve Coefficients

Intercept:	0
Slope:	0.2365

Error Coefficients

Standard Error:	121000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	1.21751	40.0	289246.0	0.243502	Y
2	STD10 460-769079/6	10.0	2.401908	40.0	295565.0	0.240191	Y
3	STD20 460-769079/5	20.0	4.737066	40.0	294199.0	0.236853	Y
4	ICIS 460-769079/2	50.0	11.792212	40.0	298034.0	0.235844	Y
5	STD80 460-769079/4	80.0	18.693726	40.0	297120.0	0.233672	Y
6	STD120 460-769079/3	120.0	27.466482	40.0	308638.0	0.228887	Y



Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

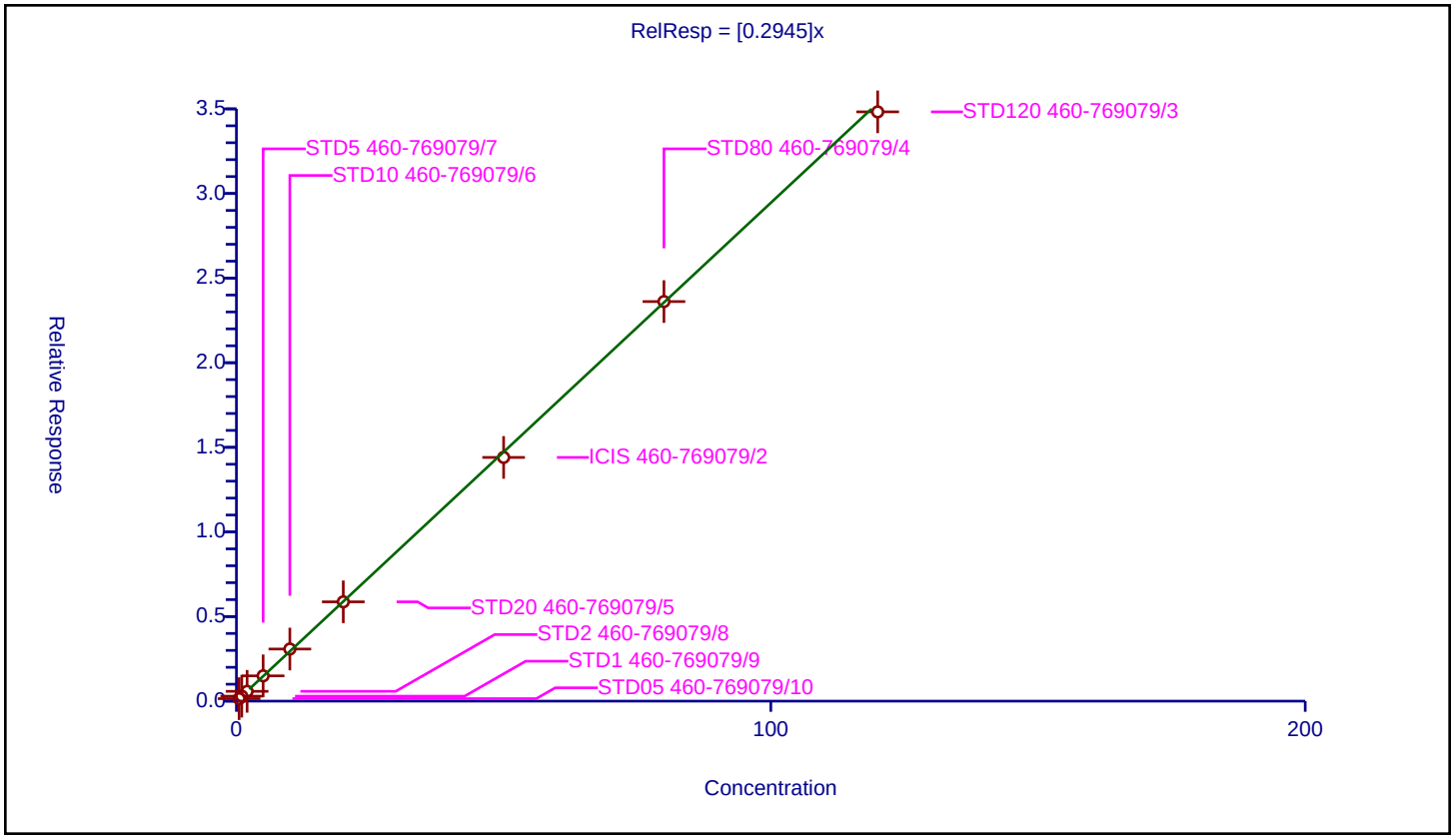
Curve Coefficients

Intercept:	0
Slope:	0.2945

Error Coefficients

Standard Error:	121000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.146449	40.0	300720.0	0.292897	Y
2	STD1 460-769079/9	1.0	0.293837	40.0	285873.0	0.293837	Y
3	STD2 460-769079/8	2.0	0.580133	40.0	300207.0	0.290067	Y
4	STD5 460-769079/7	5.0	1.49423	40.0	289246.0	0.298846	Y
5	STD10 460-769079/6	10.0	3.079526	40.0	295565.0	0.307953	Y
6	STD20 460-769079/5	20.0	5.868273	40.0	294199.0	0.293414	Y
7	ICIS 460-769079/2	50.0	14.403323	40.0	298034.0	0.288066	Y
8	STD80 460-769079/4	80.0	23.613759	40.0	297120.0	0.295172	Y
9	STD120 460-769079/3	120.0	34.824487	40.0	308638.0	0.290204	Y



Calibration / Atrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

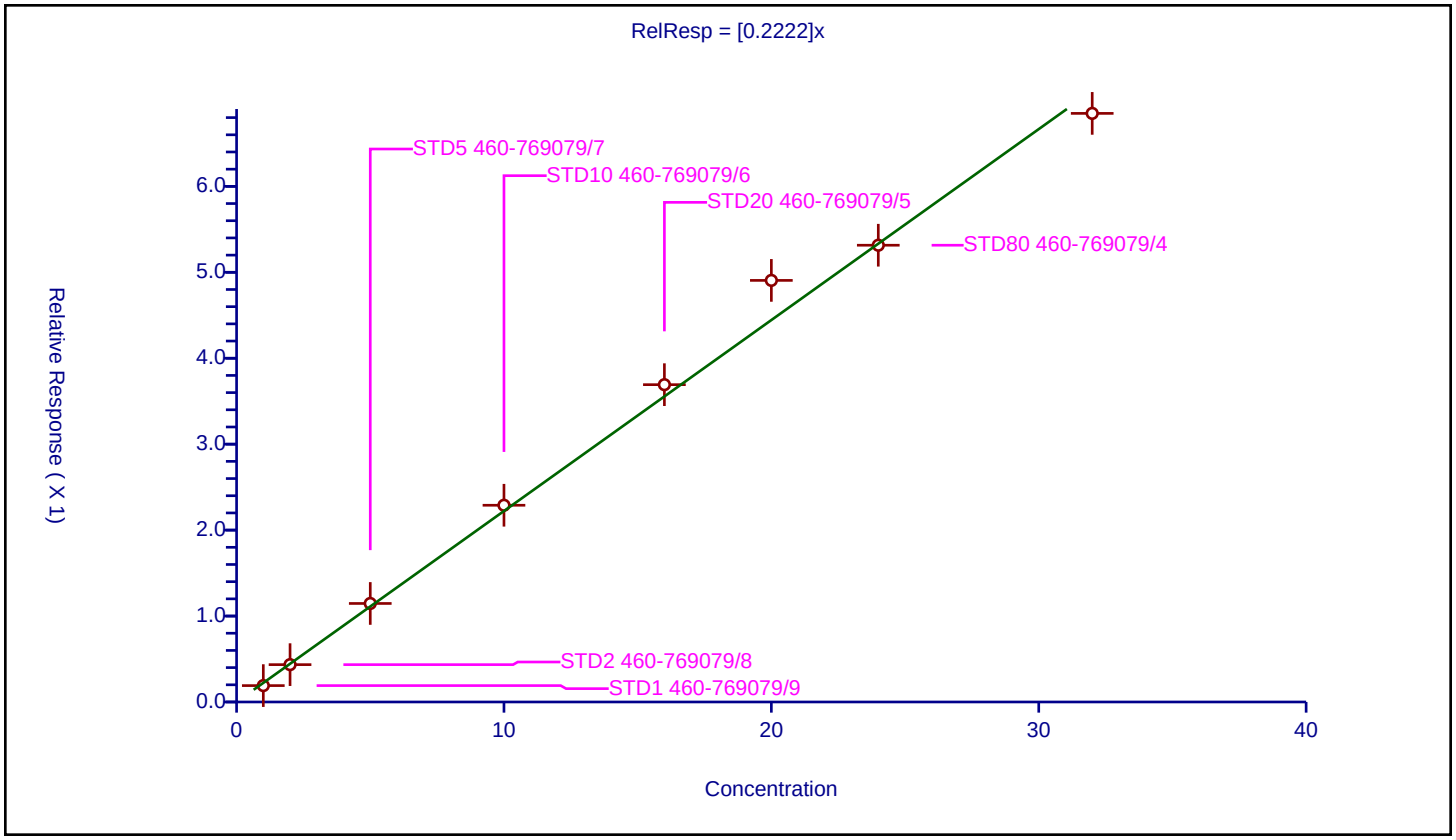
Curve Coefficients

Intercept:	0
Slope:	0.2222

Error Coefficients

Standard Error:	31100
Relative Standard Error:	7.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769079/9	1.0	0.190574	40.0	285873.0	0.190574	Y
2	STD2 460-769079/8	2.0	0.434633	40.0	300207.0	0.217317	Y
3	STD5 460-769079/7	5.0	1.146291	40.0	289246.0	0.229258	Y
4	STD10 460-769079/6	10.0	2.289175	40.0	295565.0	0.228917	Y
5	STD20 460-769079/5	16.0	3.692331	40.0	294199.0	0.230771	Y
6	ICIS 460-769079/2	20.0	4.905749	40.0	298034.0	0.245287	Y
7	STD80 460-769079/4	24.0	5.315024	40.0	297120.0	0.221459	Y
8	STD120 460-769079/3	32.0	6.849189	40.0	308638.0	0.214037	Y



Calibration / Pentachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

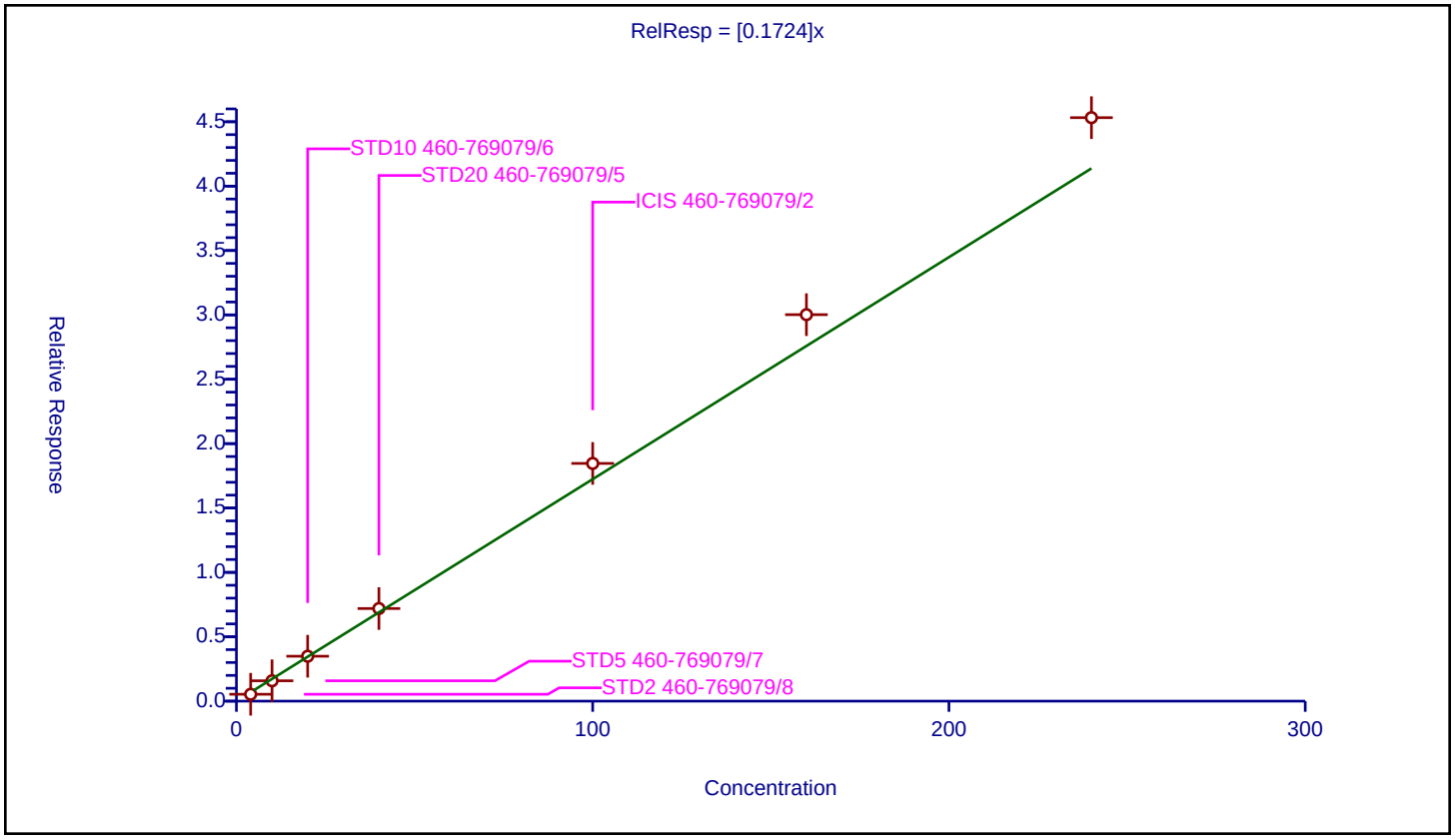
Curve Coefficients

Intercept:	0
Slope:	0.1724

Error Coefficients

Standard Error:	180000
Relative Standard Error:	11.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769079/8	4.0	0.533898	40.0	300207.0	0.133475	Y
2	STD5 460-769079/7	10.0	1.580661	40.0	289246.0	0.158066	Y
3	STD10 460-769079/6	20.0	3.487828	40.0	295565.0	0.174391	Y
4	STD20 460-769079/5	40.0	7.193226	40.0	294199.0	0.179831	Y
5	ICIS 460-769079/2	100.0	18.463263	40.0	298034.0	0.184633	Y
6	STD80 460-769079/4	160.0	30.017232	40.0	297120.0	0.187608	Y
7	STD120 460-769079/3	240.0	45.318723	40.0	308638.0	0.188828	Y



Calibration / Pentachloronitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

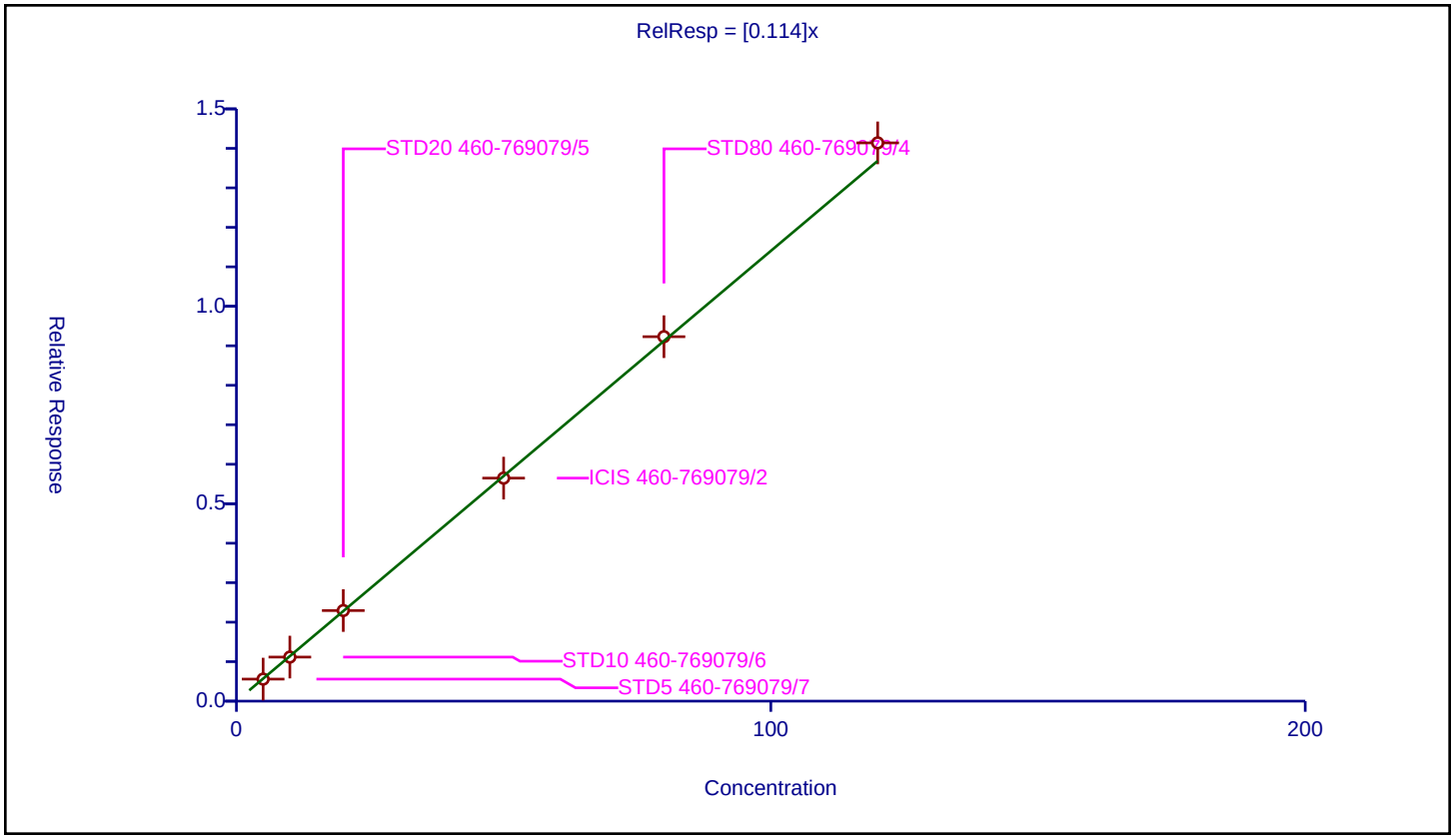
Curve Coefficients

Intercept:	0
Slope:	0.114

Error Coefficients

Standard Error:	61200
Relative Standard Error:	2.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	0.558141	40.0	289246.0	0.111628	Y
2	STD10 460-769079/6	10.0	1.1161	40.0	295565.0	0.11161	Y
3	STD20 460-769079/5	20.0	2.294365	40.0	294199.0	0.114718	Y
4	ICIS 460-769079/2	50.0	5.648349	40.0	298034.0	0.112967	Y
5	STD80 460-769079/4	80.0	9.230749	40.0	297120.0	0.115384	Y
6	STD120 460-769079/3	120.0	14.139542	40.0	308638.0	0.11783	Y



Calibration / n-Octadecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

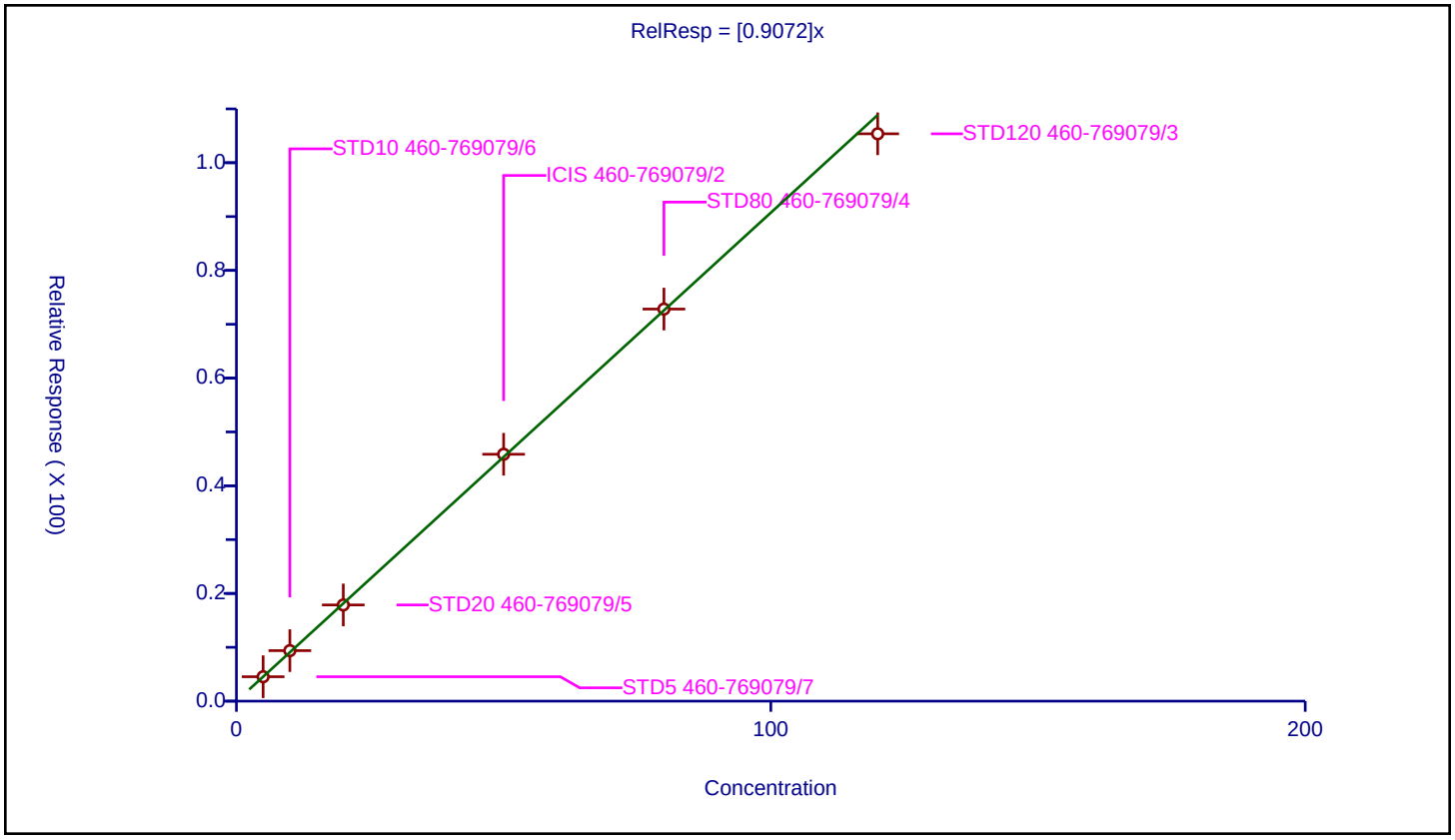
Curve Coefficients

Intercept:	0
Slope:	0.9072

Error Coefficients

Standard Error:	468000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	4.532751	40.0	289246.0	0.90655	Y
2	STD10 460-769079/6	10.0	9.379866	40.0	295565.0	0.937987	Y
3	STD20 460-769079/5	20.0	17.864507	40.0	294199.0	0.893225	Y
4	ICIS 460-769079/2	50.0	45.853292	40.0	298034.0	0.917066	Y
5	STD80 460-769079/4	80.0	72.817582	40.0	297120.0	0.91022	Y
6	STD120 460-769079/3	120.0	105.374322	40.0	308638.0	0.878119	Y



Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

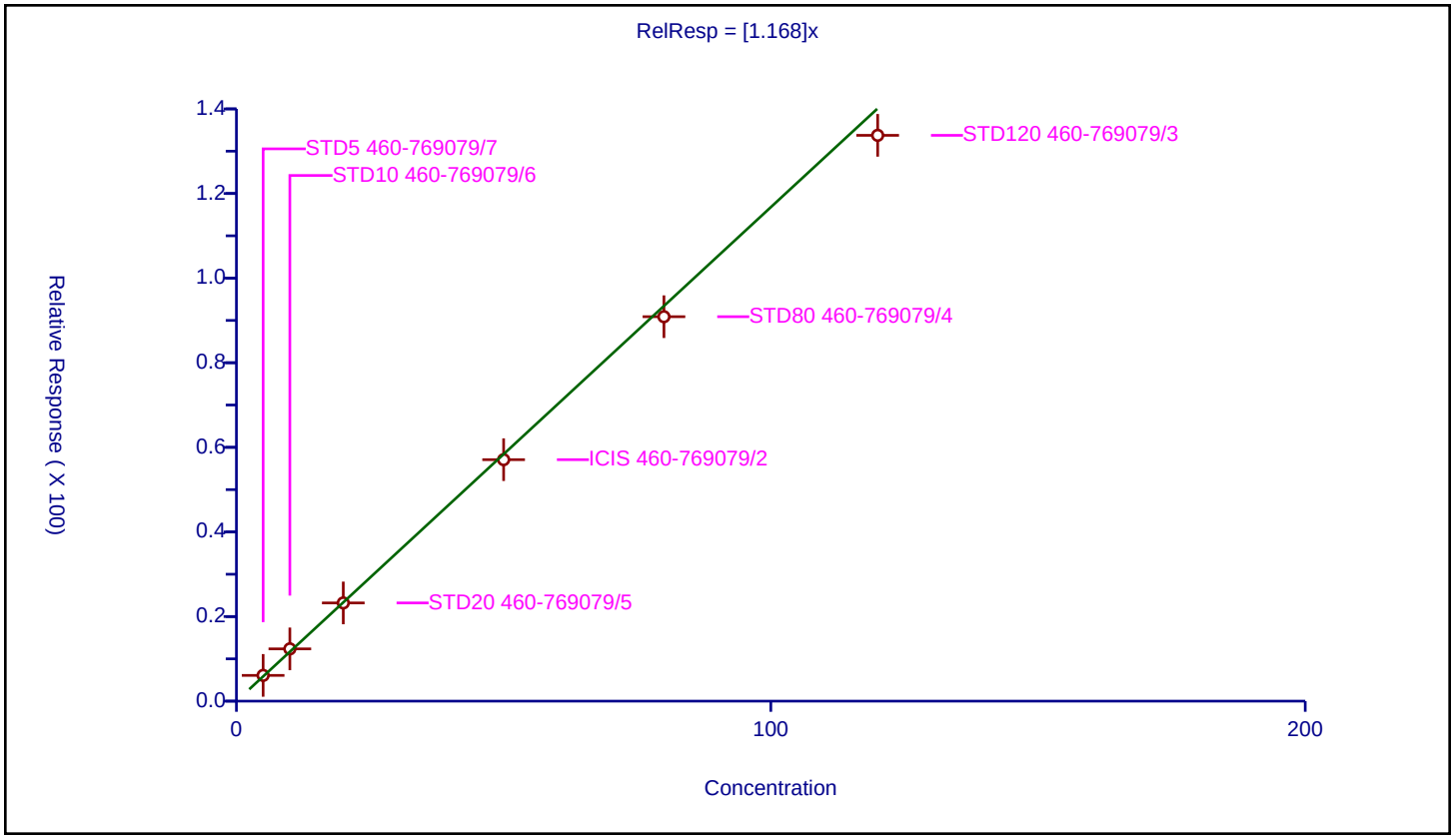
Curve Coefficients

Intercept:	0
Slope:	1.168

Error Coefficients

Standard Error:	590000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	6.08686	40.0	289246.0	1.217372	Y
2	STD10 460-769079/6	10.0	12.353695	40.0	295565.0	1.23537	Y
3	STD20 460-769079/5	20.0	23.21585	40.0	294199.0	1.160793	Y
4	ICIS 460-769079/2	50.0	57.083554	40.0	298034.0	1.141671	Y
5	STD80 460-769079/4	80.0	90.87574	40.0	297120.0	1.135947	Y
6	STD120 460-769079/3	120.0	133.749959	40.0	308638.0	1.114583	Y



Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

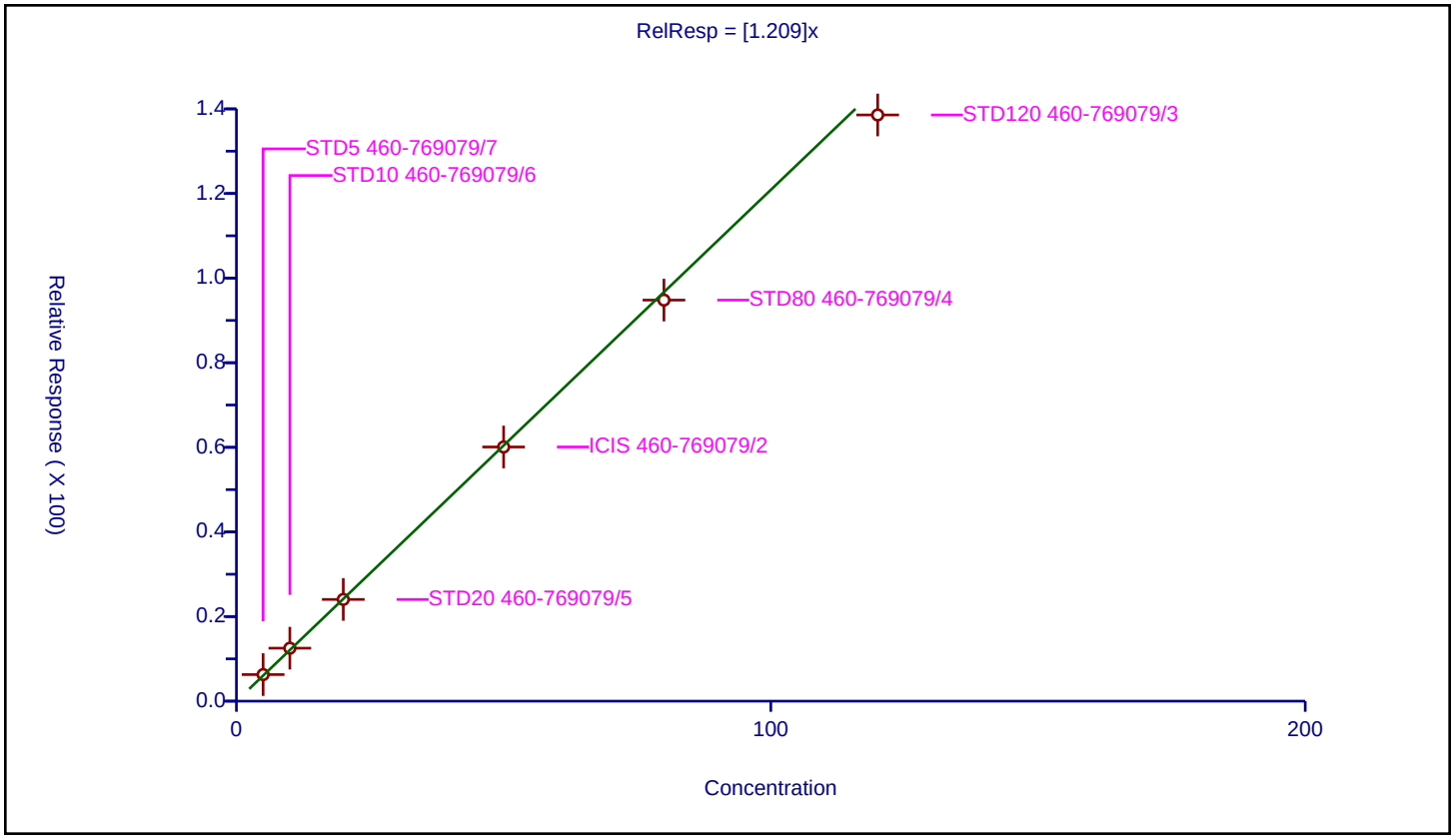
Curve Coefficients

Intercept:	0
Slope:	1.209

Error Coefficients

Standard Error:	613000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	6.279637	40.0	289246.0	1.255927	Y
2	STD10 460-769079/6	10.0	12.521645	40.0	295565.0	1.252164	Y
3	STD20 460-769079/5	20.0	24.04291	40.0	294199.0	1.202145	Y
4	ICIS 460-769079/2	50.0	60.077709	40.0	298034.0	1.201554	Y
5	STD80 460-769079/4	80.0	94.801831	40.0	297120.0	1.185023	Y
6	STD120 460-769079/3	120.0	138.564662	40.0	308638.0	1.154706	Y



Calibration / Carbazole

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

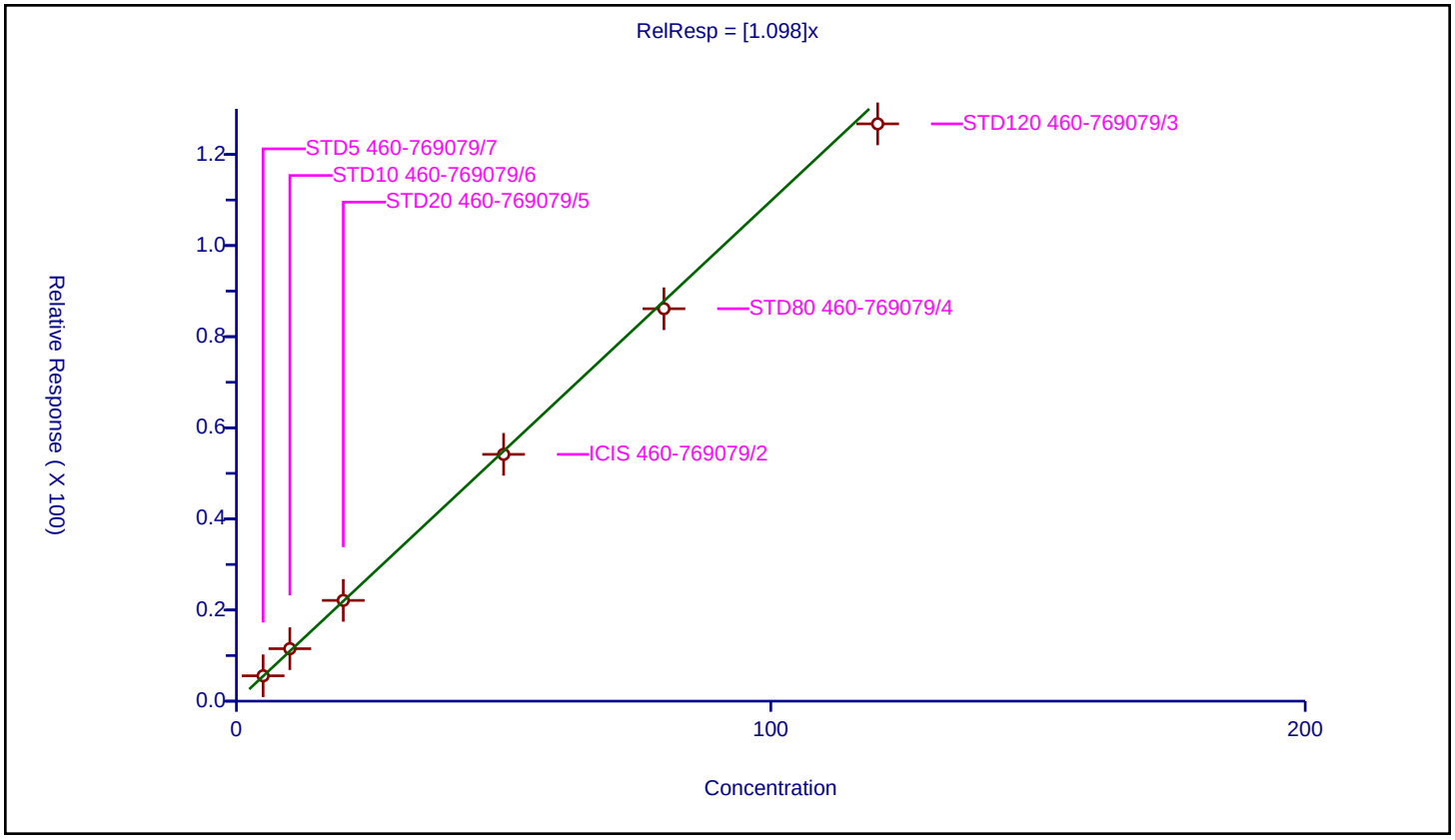
Curve Coefficients

Intercept:	0
Slope:	1.098

Error Coefficients

Standard Error:	559000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	5.567579	40.0	289246.0	1.113516	Y
2	STD10 460-769079/6	10.0	11.511647	40.0	295565.0	1.151165	Y
3	STD20 460-769079/5	20.0	22.114691	40.0	294199.0	1.105735	Y
4	ICIS 460-769079/2	50.0	54.166035	40.0	298034.0	1.083321	Y
5	STD80 460-769079/4	80.0	86.136376	40.0	297120.0	1.076705	Y
6	STD120 460-769079/3	120.0	126.712848	40.0	308638.0	1.05594	Y



Calibration / Di-n-butyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

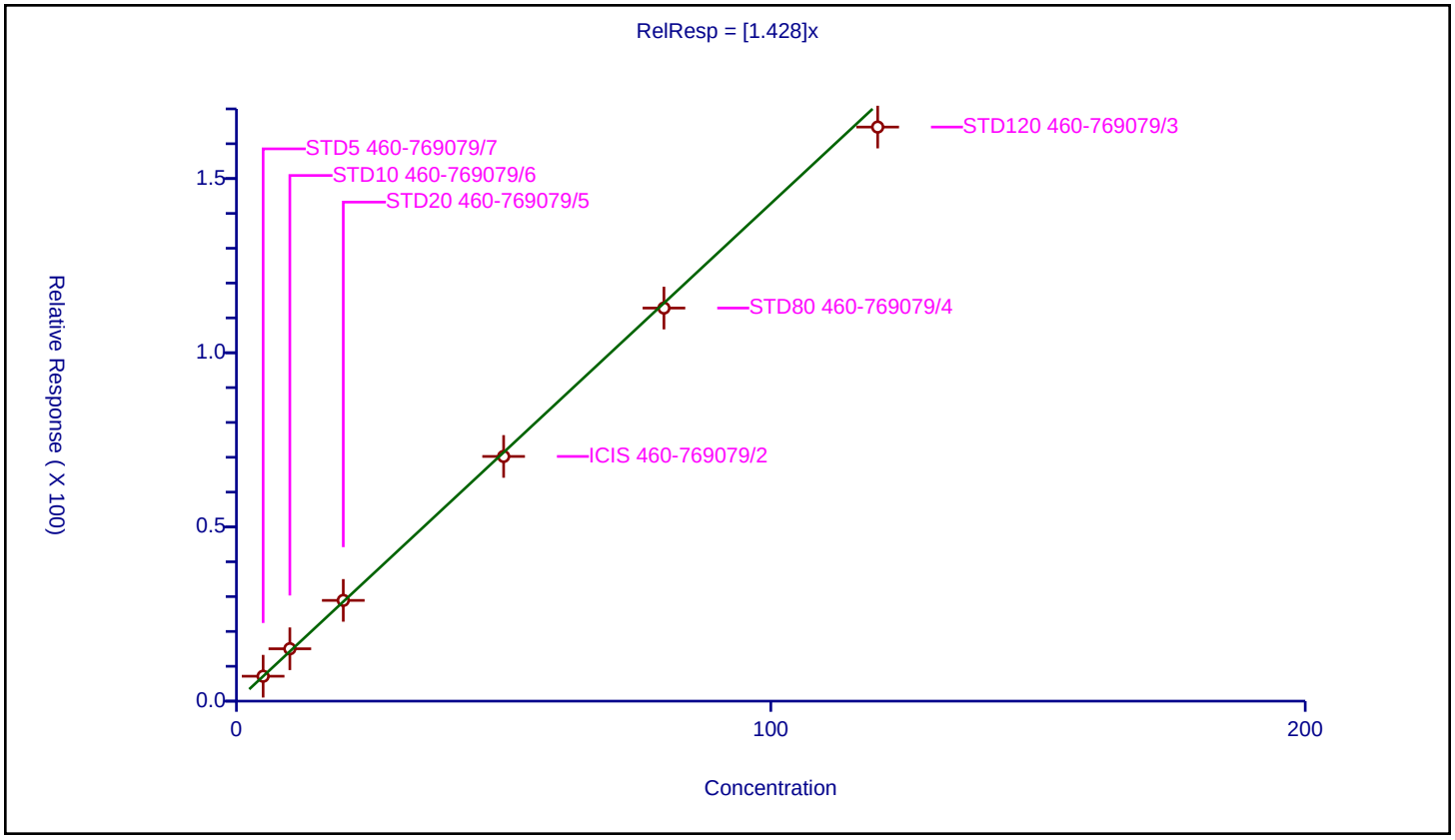
Curve Coefficients

Intercept:	0
Slope:	1.428

Error Coefficients

Standard Error:	728000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	7.153496	40.0	289246.0	1.430699	Y
2	STD10 460-769079/6	10.0	15.032903	40.0	295565.0	1.50329	Y
3	STD20 460-769079/5	20.0	28.920697	40.0	294199.0	1.446035	Y
4	ICIS 460-769079/2	50.0	70.241516	40.0	298034.0	1.40483	Y
5	STD80 460-769079/4	80.0	112.831045	40.0	297120.0	1.410388	Y
6	STD120 460-769079/3	120.0	164.786967	40.0	308638.0	1.373225	Y



Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

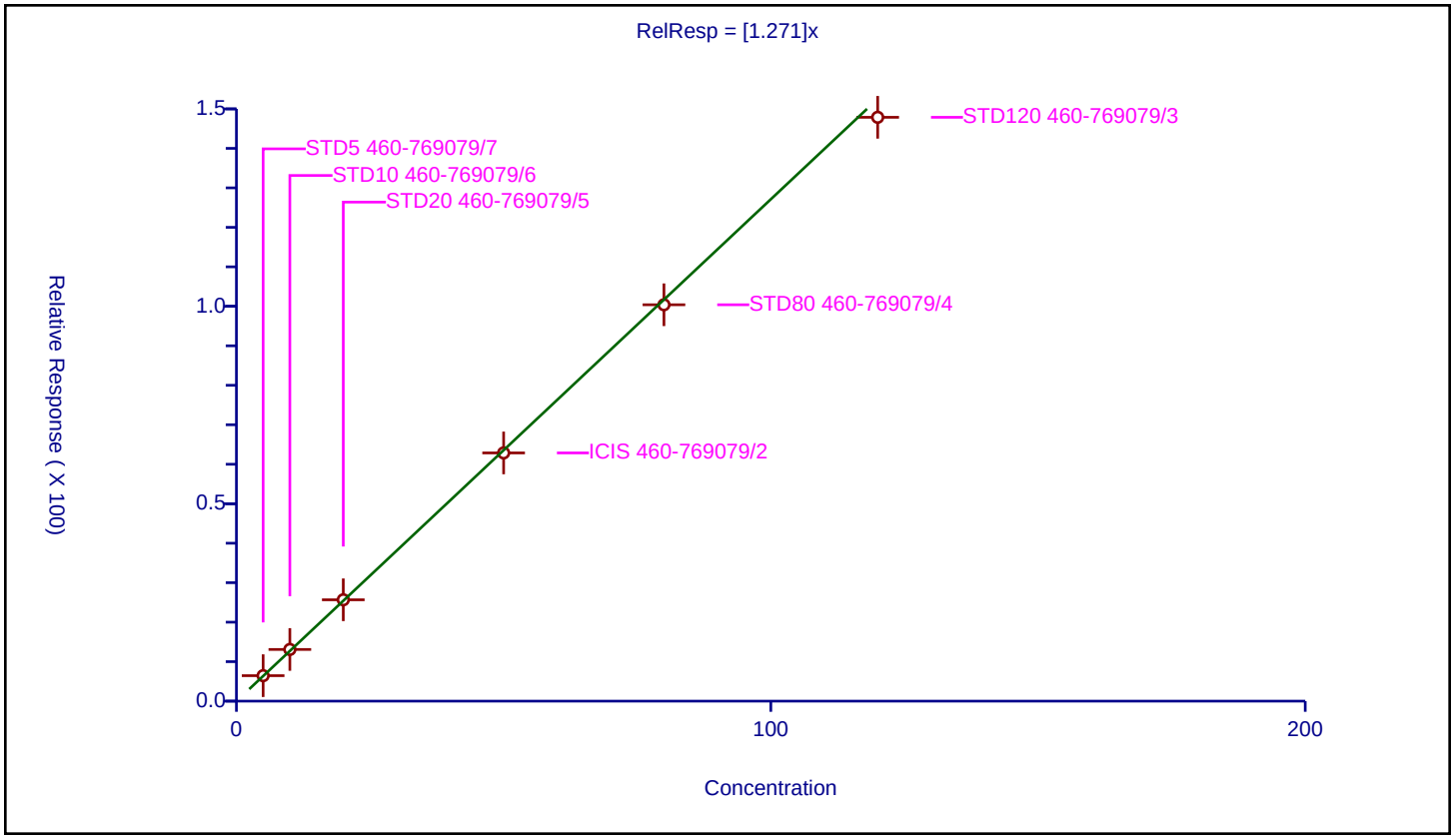
Curve Coefficients

Intercept:	0
Slope:	1.271

Error Coefficients

Standard Error:	652000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	6.449182	40.0	289246.0	1.289836	Y
2	STD10 460-769079/6	10.0	13.087071	40.0	295565.0	1.308707	Y
3	STD20 460-769079/5	20.0	25.66766	40.0	294199.0	1.283383	Y
4	ICIS 460-769079/2	50.0	62.868532	40.0	298034.0	1.257371	Y
5	STD80 460-769079/4	80.0	100.394184	40.0	297120.0	1.254927	Y
6	STD120 460-769079/3	120.0	147.869025	40.0	308638.0	1.232242	Y



Calibration / Benzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

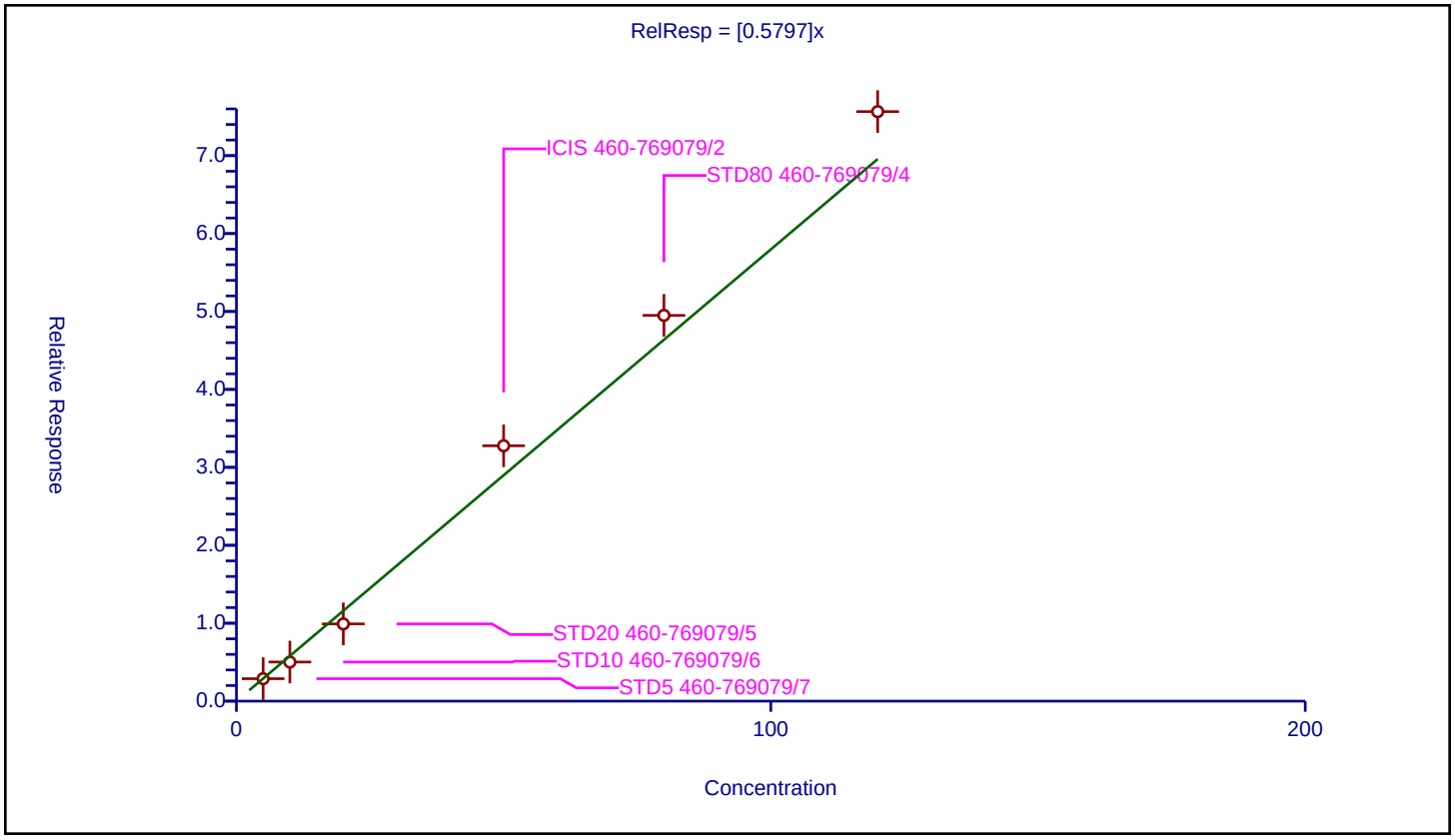
Curve Coefficients

Intercept:	0
Slope:	0.5797

Error Coefficients

Standard Error:	329000
Relative Standard Error:	11.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	2.880731	40.0	289246.0	0.576146	Y
2	STD10 460-769079/6	10.0	5.018998	40.0	295565.0	0.5019	Y
3	STD20 460-769079/5	20.0	9.908395	40.0	294199.0	0.49542	Y
4	ICIS 460-769079/2	50.0	32.771563	40.0	298034.0	0.655431	Y
5	STD80 460-769079/4	80.0	49.502423	40.0	297120.0	0.61878	Y
6	STD120 460-769079/3	120.0	75.652901	40.0	308638.0	0.630441	Y



Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

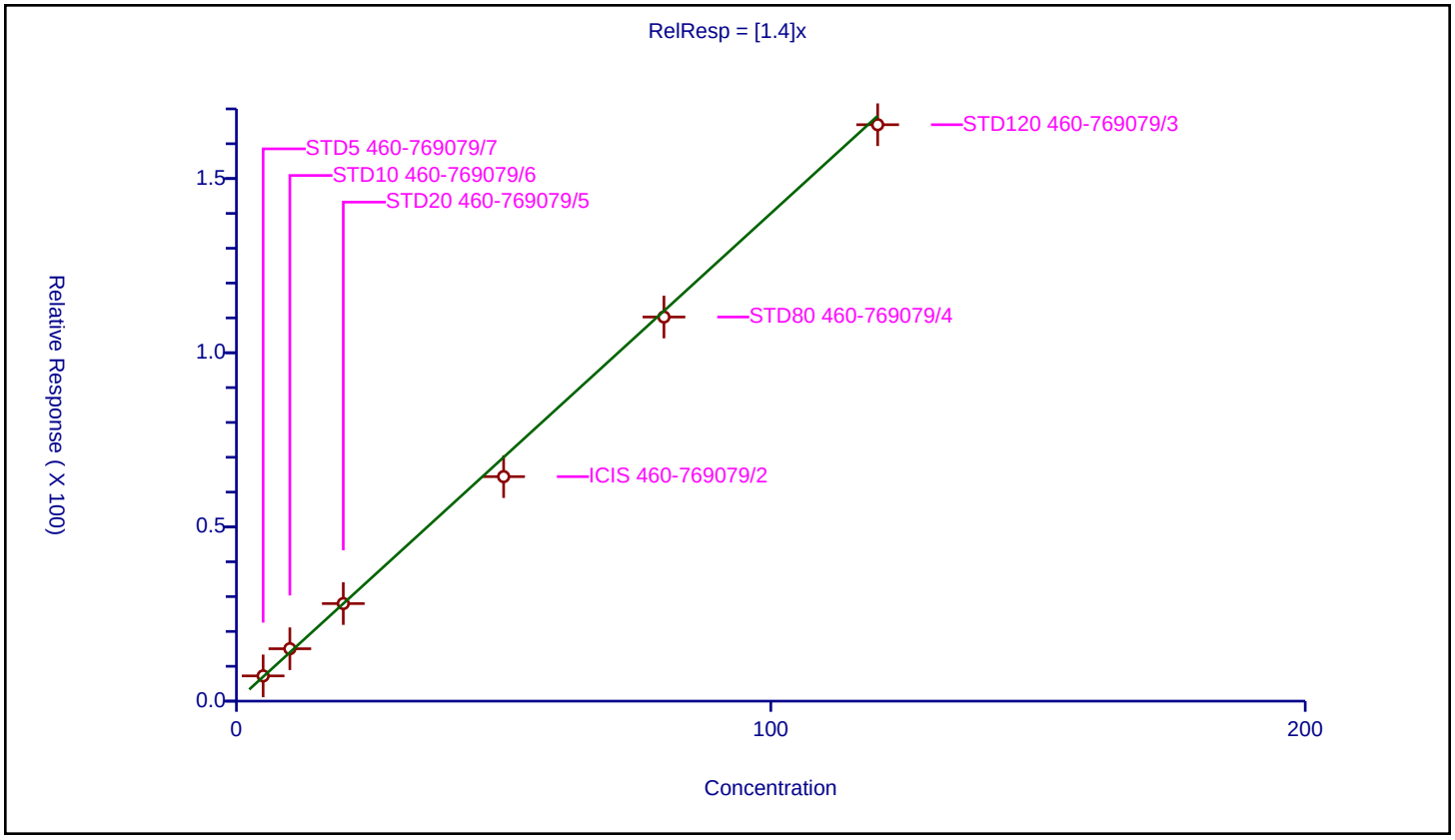
Curve Coefficients

Intercept:	0
Slope:	1.4

Error Coefficients

Standard Error:	667000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	7.246778	40.0	267937.0	1.449356	Y
2	STD10 460-769079/6	10.0	15.040187	40.0	272103.0	1.504019	Y
3	STD20 460-769079/5	20.0	28.008705	40.0	273395.0	1.400435	Y
4	ICIS 460-769079/2	50.0	64.446272	40.0	299046.0	1.288925	Y
5	STD80 460-769079/4	80.0	110.259683	40.0	277223.0	1.378246	Y
6	STD120 460-769079/3	120.0	165.461376	40.0	281907.0	1.378845	Y



Calibration / Bisphenol-A

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

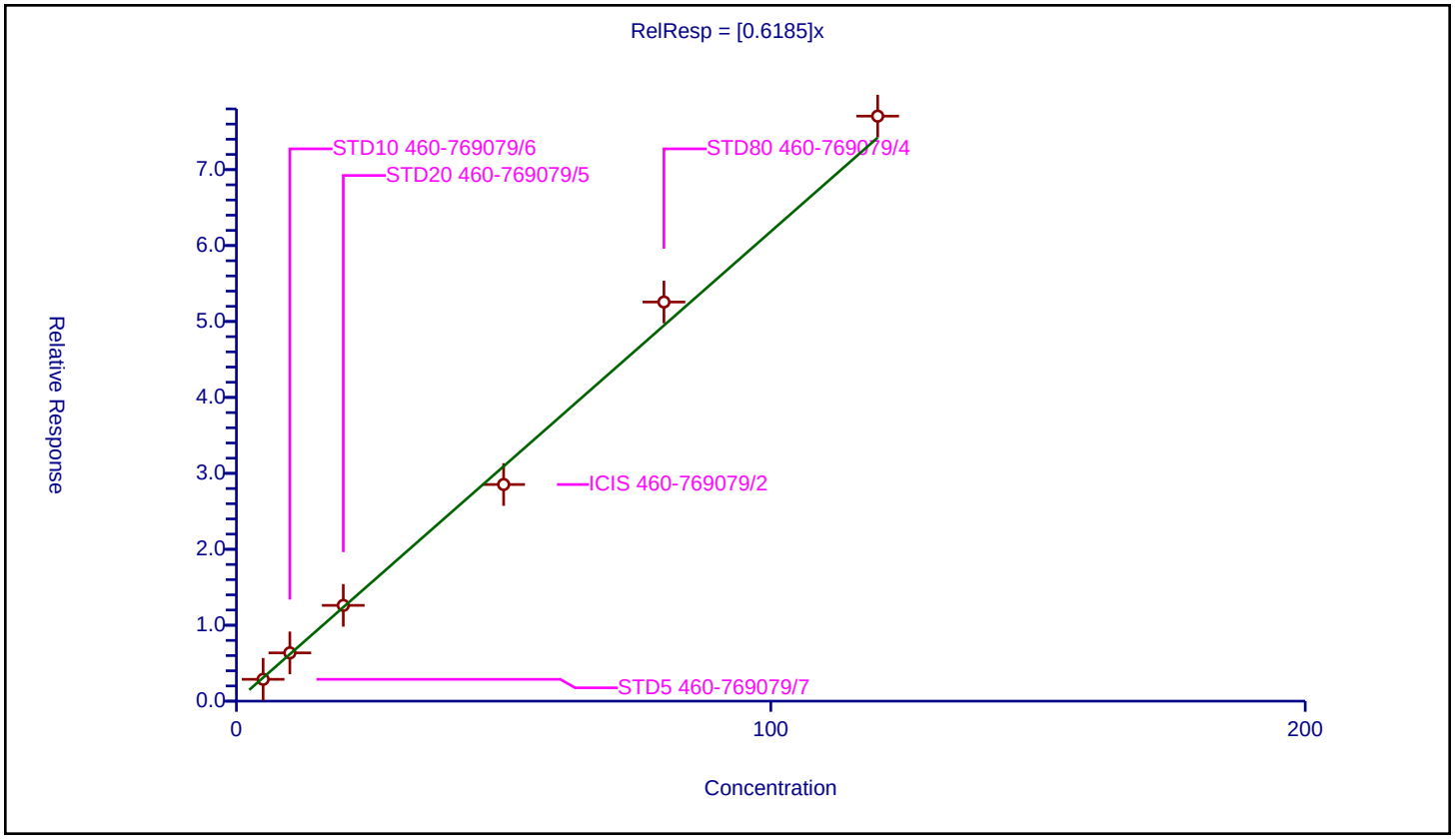
Curve Coefficients

Intercept:	0
Slope:	0.6185

Error Coefficients

Standard Error:	311000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	2.873511	40.0	267937.0	0.574702	Y
2	STD10 460-769079/6	10.0	6.357593	40.0	272103.0	0.635759	Y
3	STD20 460-769079/5	20.0	12.611789	40.0	273395.0	0.630589	Y
4	ICIS 460-769079/2	50.0	28.53046	40.0	299046.0	0.570609	Y
5	STD80 460-769079/4	80.0	52.565768	40.0	277223.0	0.657072	Y
6	STD120 460-769079/3	120.0	77.047395	40.0	281907.0	0.642062	Y



Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

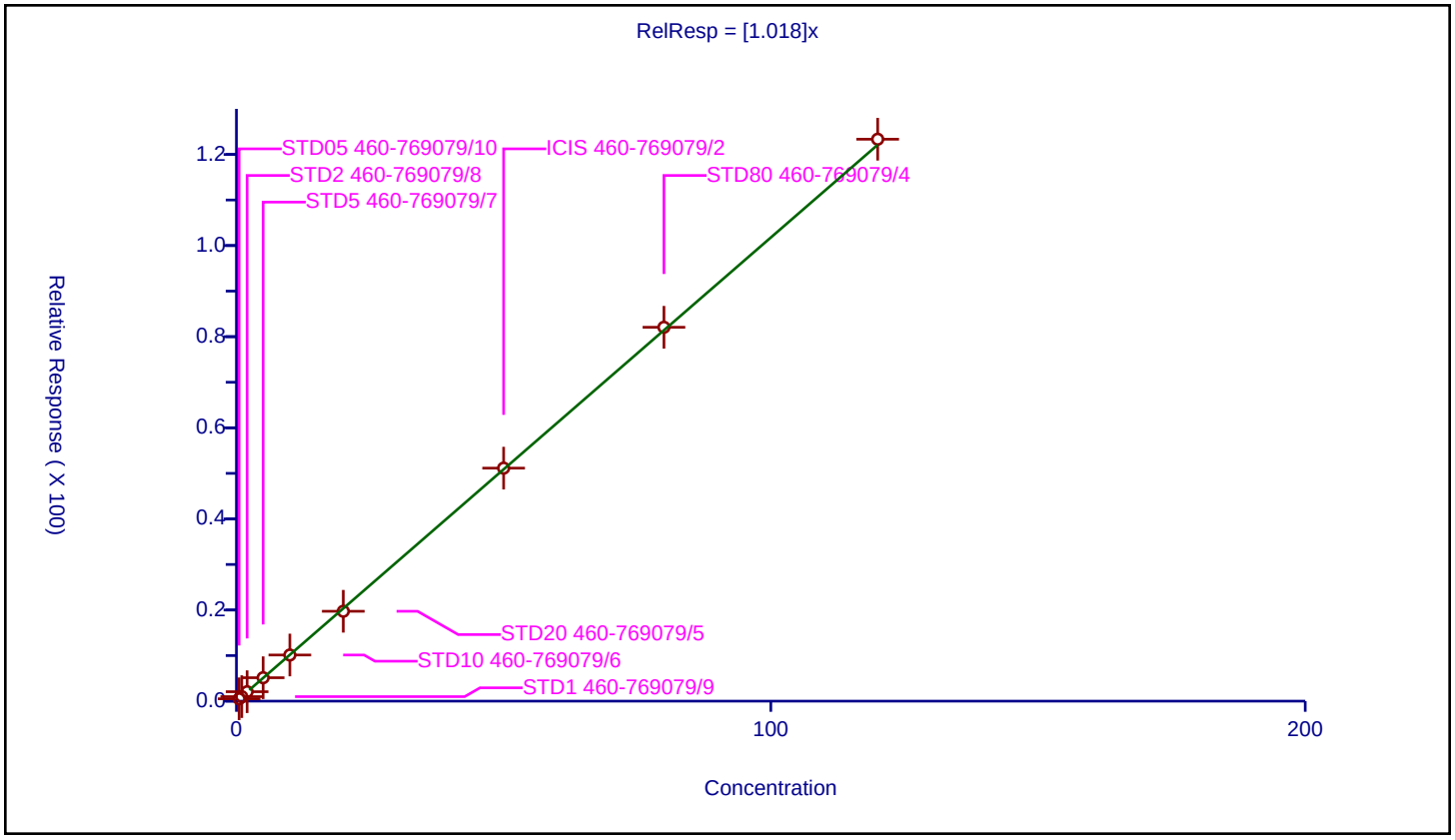
Curve Coefficients

Intercept:	0
Slope:	1.018

Error Coefficients

Standard Error:	395000
Relative Standard Error:	1.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.514607	40.0	274695.0	1.029214	Y
2	STD1 460-769079/9	1.0	0.990404	40.0	258642.0	0.990404	Y
3	STD2 460-769079/8	2.0	2.071025	40.0	275535.0	1.035513	Y
4	STD5 460-769079/7	5.0	5.140164	40.0	267937.0	1.028033	Y
5	STD10 460-769079/6	10.0	10.126606	40.0	272103.0	1.012661	Y
6	STD20 460-769079/5	20.0	19.726623	40.0	273395.0	0.986331	Y
7	ICIS 460-769079/2	50.0	51.146513	40.0	299046.0	1.02293	Y
8	STD80 460-769079/4	80.0	82.064619	40.0	277223.0	1.025808	Y
9	STD120 460-769079/3	120.0	123.33869	40.0	281907.0	1.027822	Y



Calibration / Butyl benzyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

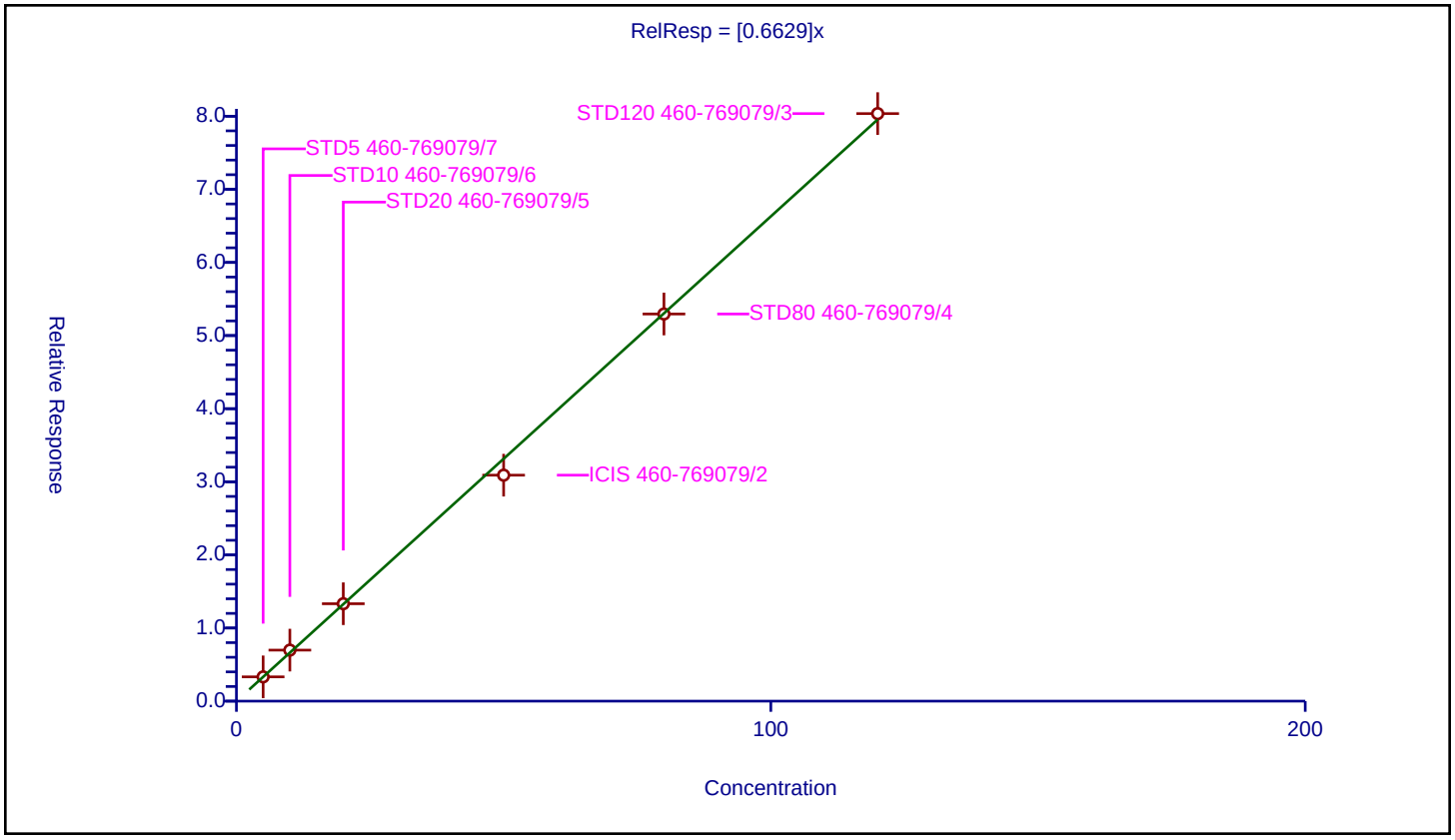
Curve Coefficients

Intercept:	0
Slope:	0.6629

Error Coefficients

Standard Error:	322000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	3.320183	40.0	267937.0	0.664037	Y
2	STD10 460-769079/6	10.0	6.977211	40.0	272103.0	0.697721	Y
3	STD20 460-769079/5	20.0	13.323141	40.0	273395.0	0.666157	Y
4	ICIS 460-769079/2	50.0	30.907085	40.0	299046.0	0.618142	Y
5	STD80 460-769079/4	80.0	52.946256	40.0	277223.0	0.661828	Y
6	STD120 460-769079/3	120.0	80.35572	40.0	281907.0	0.669631	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

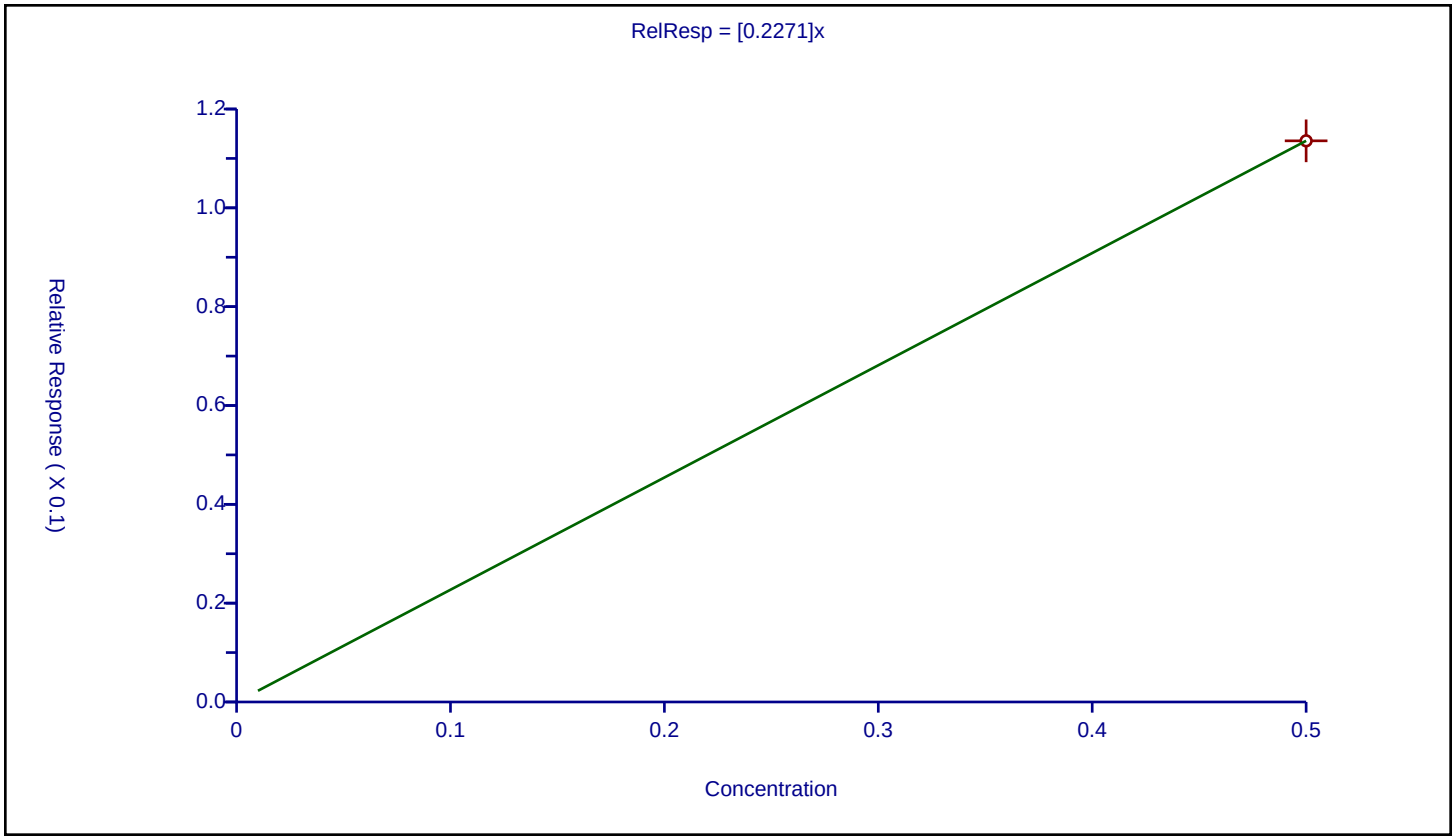
Curve Coefficients

Intercept:	0
Slope:	0.2271

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-769079/2	0.5	0.113561	40.0	299046.0	0.227122	Y



Calibration / Carbamazepine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

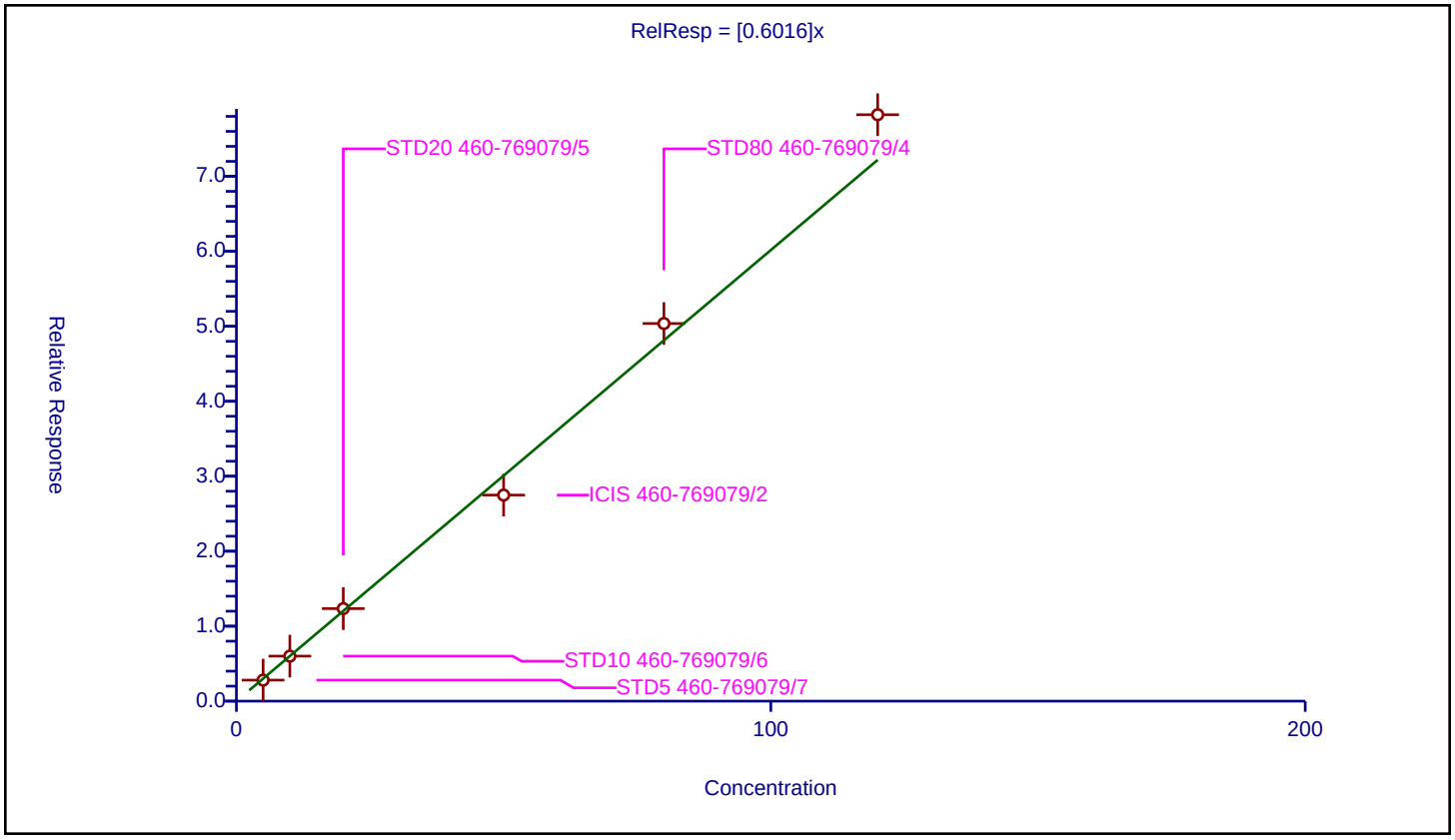
Curve Coefficients

Intercept:	0
Slope:	0.6016

Error Coefficients

Standard Error:	309000
Relative Standard Error:	6.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	2.803346	40.0	267937.0	0.560669	Y
2	STD10 460-769079/6	10.0	6.007137	40.0	272103.0	0.600714	Y
3	STD20 460-769079/5	20.0	12.344776	40.0	273395.0	0.617239	Y
4	ICIS 460-769079/2	50.0	27.485805	40.0	299046.0	0.549716	Y
5	STD80 460-769079/4	80.0	50.371722	40.0	277223.0	0.629647	Y
6	STD120 460-769079/3	120.0	78.223244	40.0	281907.0	0.65186	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

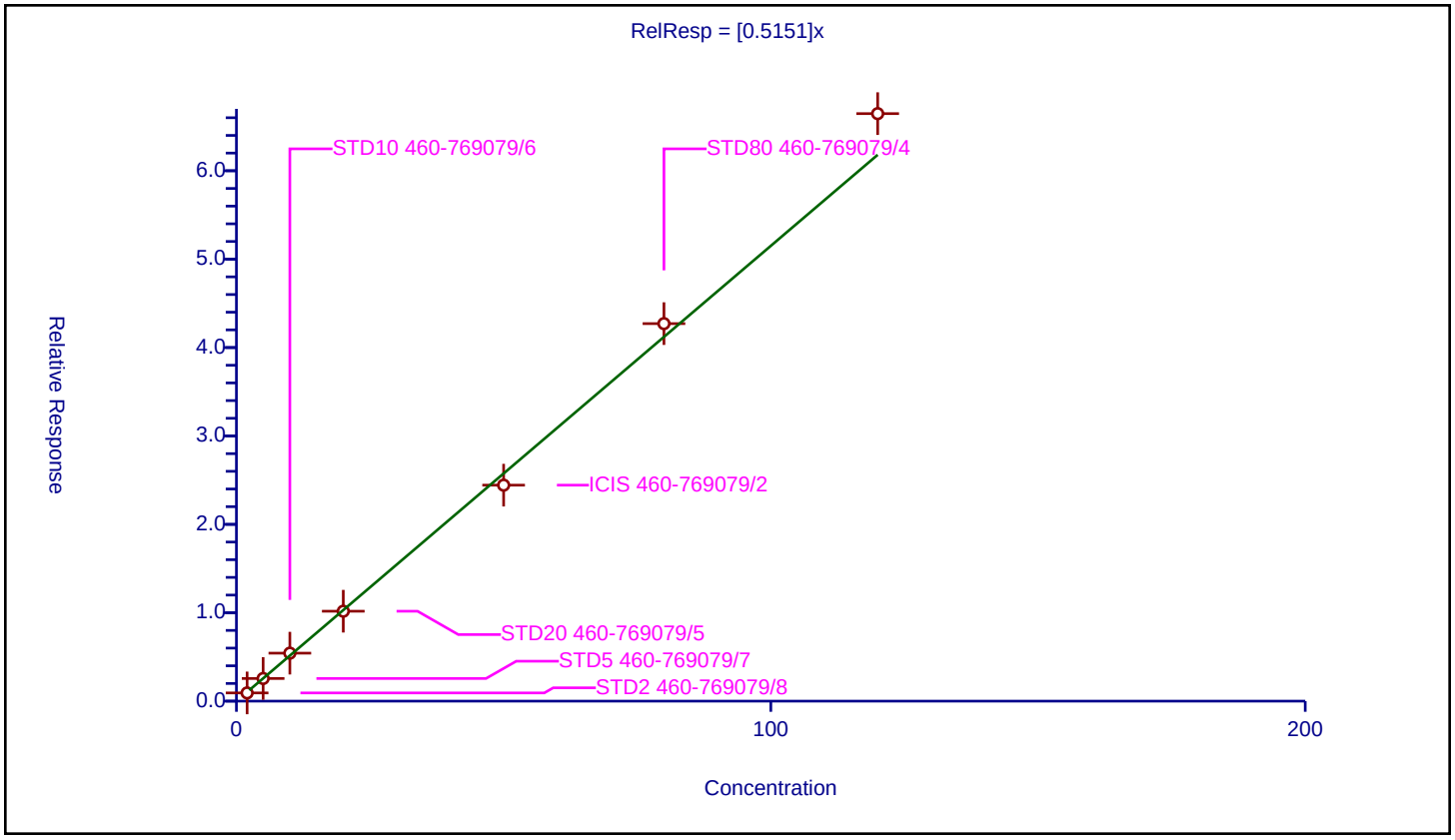
Curve Coefficients

Intercept:	0
Slope:	0.5151

Error Coefficients

Standard Error:	240000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769079/8	2.0	0.930408	40.0	275535.0	0.465204	Y
2	STD5 460-769079/7	5.0	2.561199	40.0	267937.0	0.51224	Y
3	STD10 460-769079/6	10.0	5.428533	40.0	272103.0	0.542853	Y
4	STD20 460-769079/5	20.0	10.173412	40.0	273395.0	0.508671	Y
5	ICIS 460-769079/2	50.0	24.435438	40.0	299046.0	0.488709	Y
6	STD80 460-769079/4	80.0	42.708145	40.0	277223.0	0.533852	Y
7	STD120 460-769079/3	120.0	66.463195	40.0	281907.0	0.55386	Y



Calibration / Benzo[a]anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

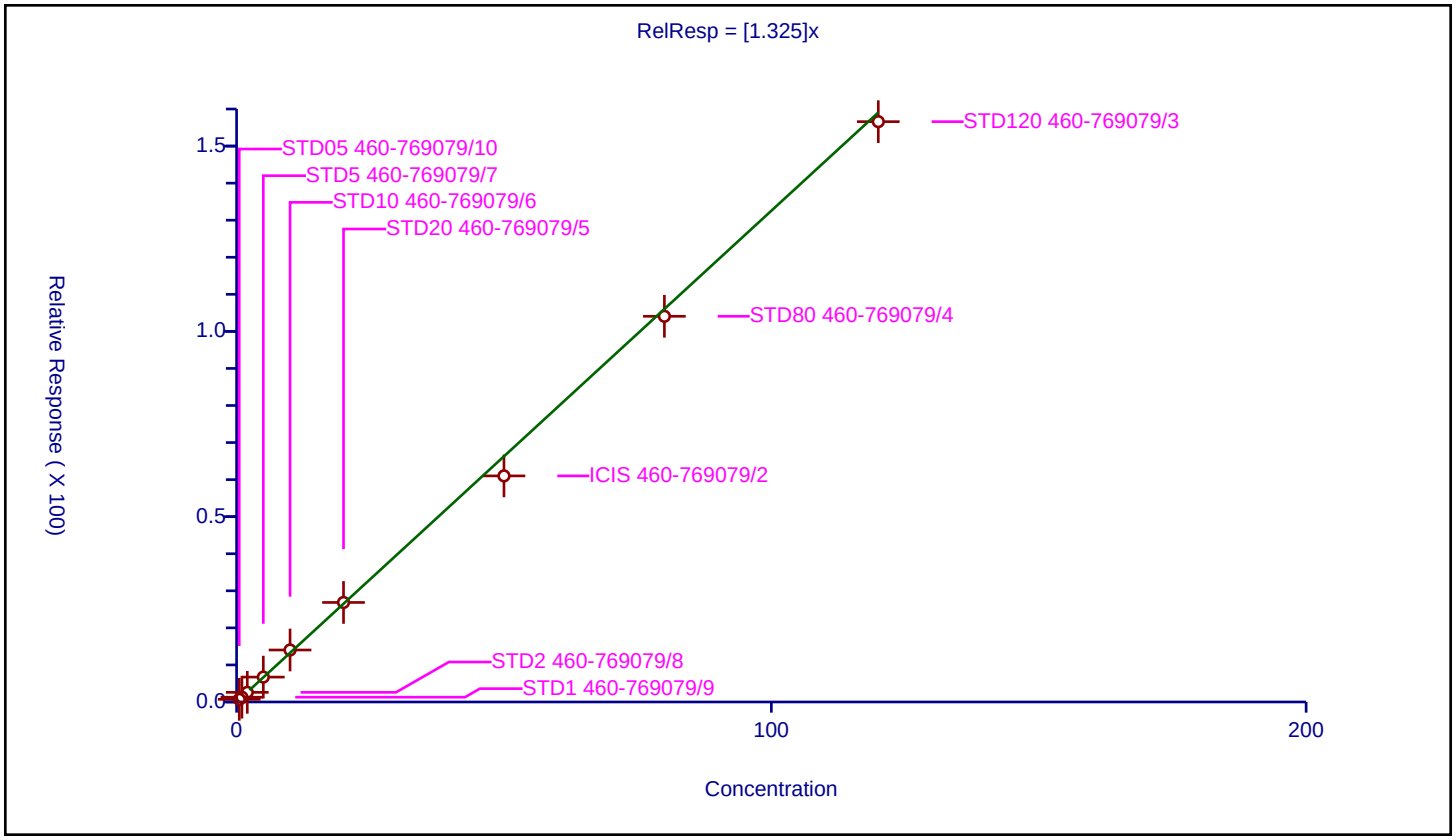
Curve Coefficients

Intercept:	0
Slope:	1.325

Error Coefficients

Standard Error:	499000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.712354	40.0	274695.0	1.424707	Y
2	STD1 460-769079/9	1.0	1.290278	40.0	258642.0	1.290278	Y
3	STD2 460-769079/8	2.0	2.597565	40.0	275535.0	1.298782	Y
4	STD5 460-769079/7	5.0	6.719639	40.0	267937.0	1.343928	Y
5	STD10 460-769079/6	10.0	14.028658	40.0	272103.0	1.402866	Y
6	STD20 460-769079/5	20.0	26.857989	40.0	273395.0	1.342899	Y
7	ICIS 460-769079/2	50.0	61.005063	40.0	299046.0	1.220101	Y
8	STD80 460-769079/4	80.0	104.070874	40.0	277223.0	1.300886	Y
9	STD120 460-769079/3	120.0	156.587101	40.0	281907.0	1.304893	Y



Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

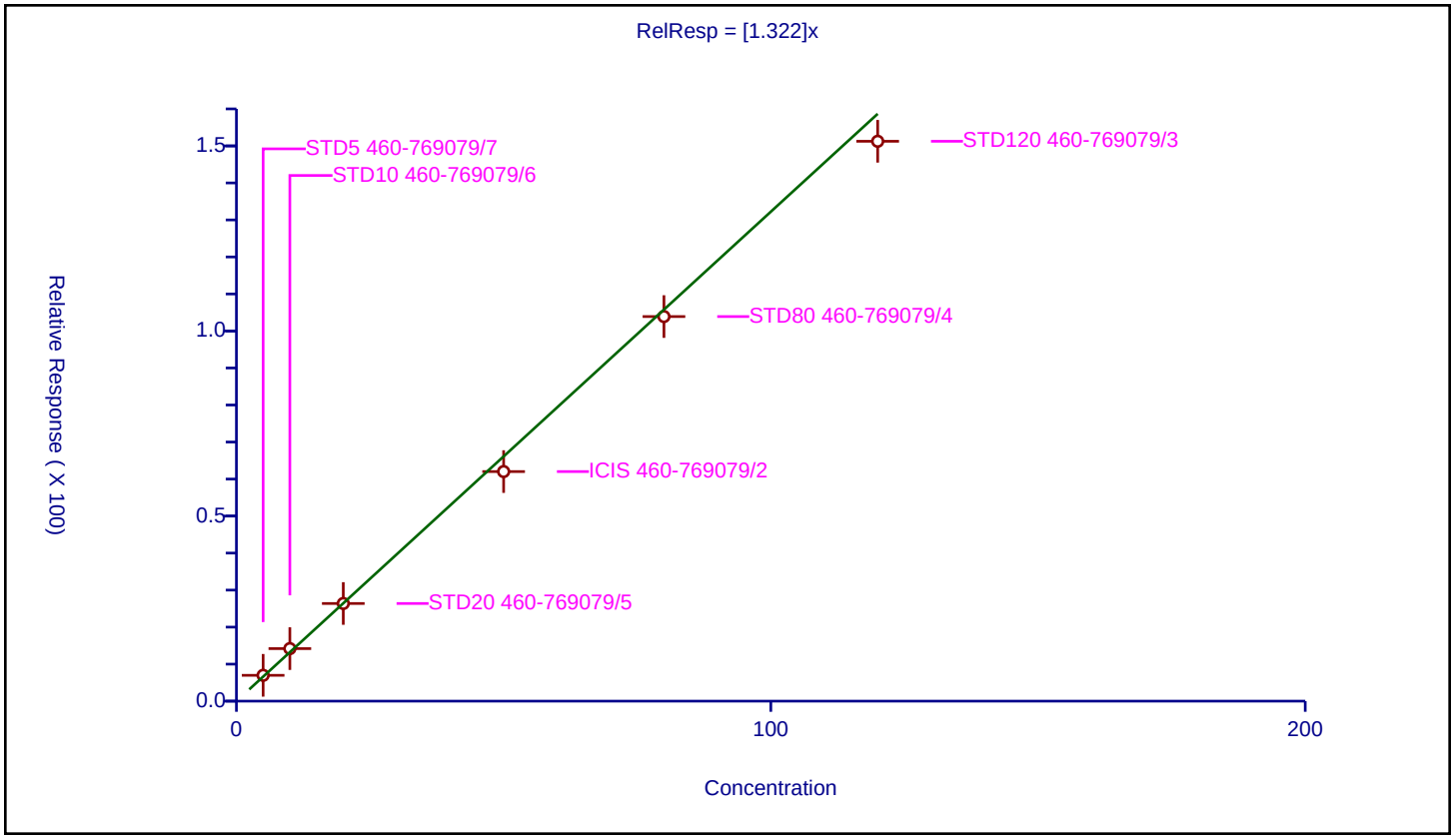
Curve Coefficients

Intercept:	0
Slope:	1.322

Error Coefficients

Standard Error:	619000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	6.976416	40.0	267937.0	1.395283	Y
2	STD10 460-769079/6	10.0	14.191244	40.0	272103.0	1.419124	Y
3	STD20 460-769079/5	20.0	26.384535	40.0	273395.0	1.319227	Y
4	ICIS 460-769079/2	50.0	62.020291	40.0	299046.0	1.240406	Y
5	STD80 460-769079/4	80.0	103.90047	40.0	277223.0	1.298756	Y
6	STD120 460-769079/3	120.0	151.249029	40.0	281907.0	1.260409	Y



Calibration / Bis(2-ethylhexyl) phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

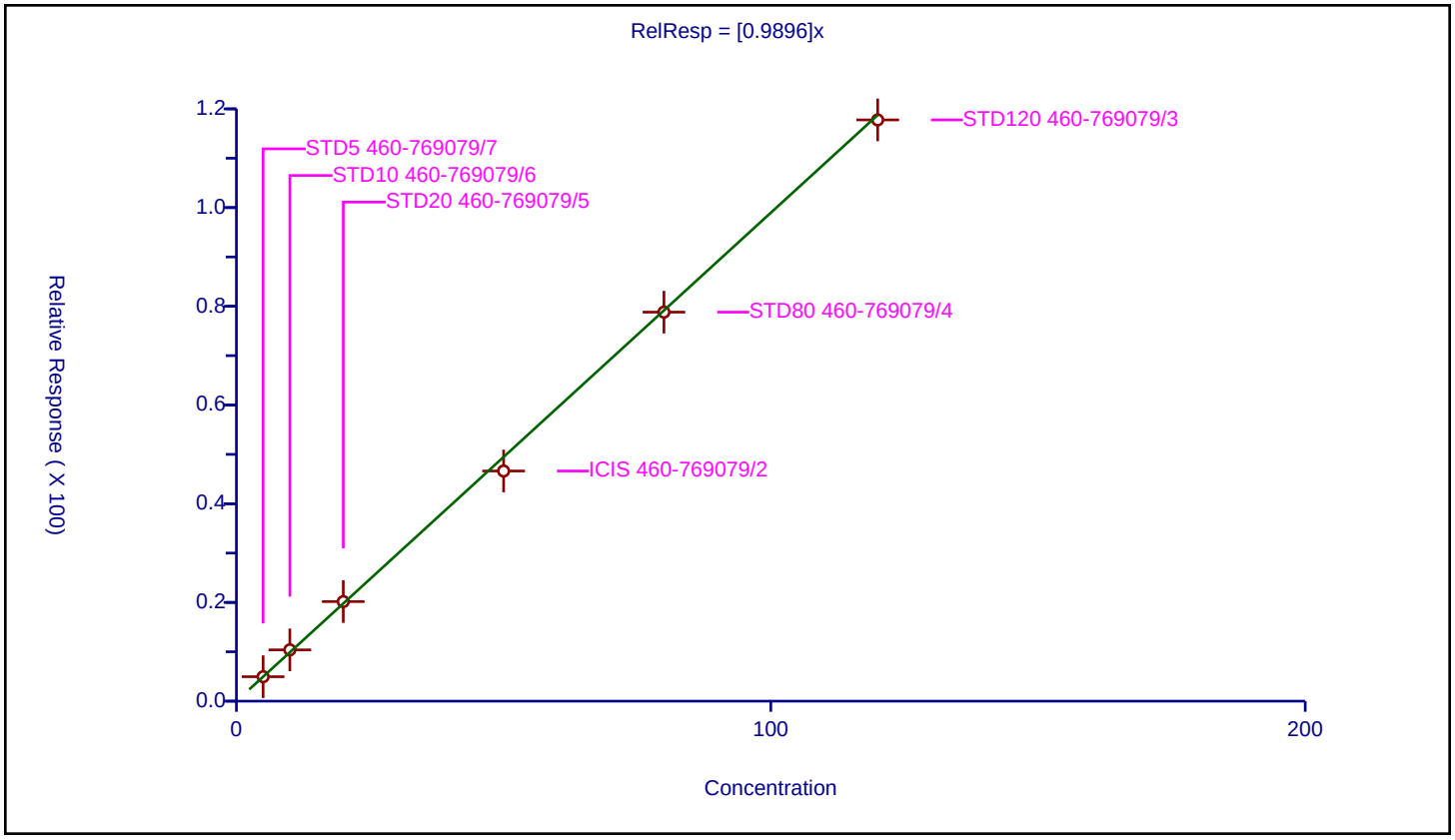
Curve Coefficients

Intercept:	0
Slope:	0.9896

Error Coefficients

Standard Error:	476000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	4.951313	40.0	267937.0	0.990263	Y
2	STD10 460-769079/6	10.0	10.392535	40.0	272103.0	1.039254	Y
3	STD20 460-769079/5	20.0	20.172278	40.0	273395.0	1.008614	Y
4	ICIS 460-769079/2	50.0	46.62694	40.0	299046.0	0.932539	Y
5	STD80 460-769079/4	80.0	78.821598	40.0	277223.0	0.98527	Y
6	STD120 460-769079/3	120.0	117.765362	40.0	281907.0	0.981378	Y



Calibration / Di-n-octyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

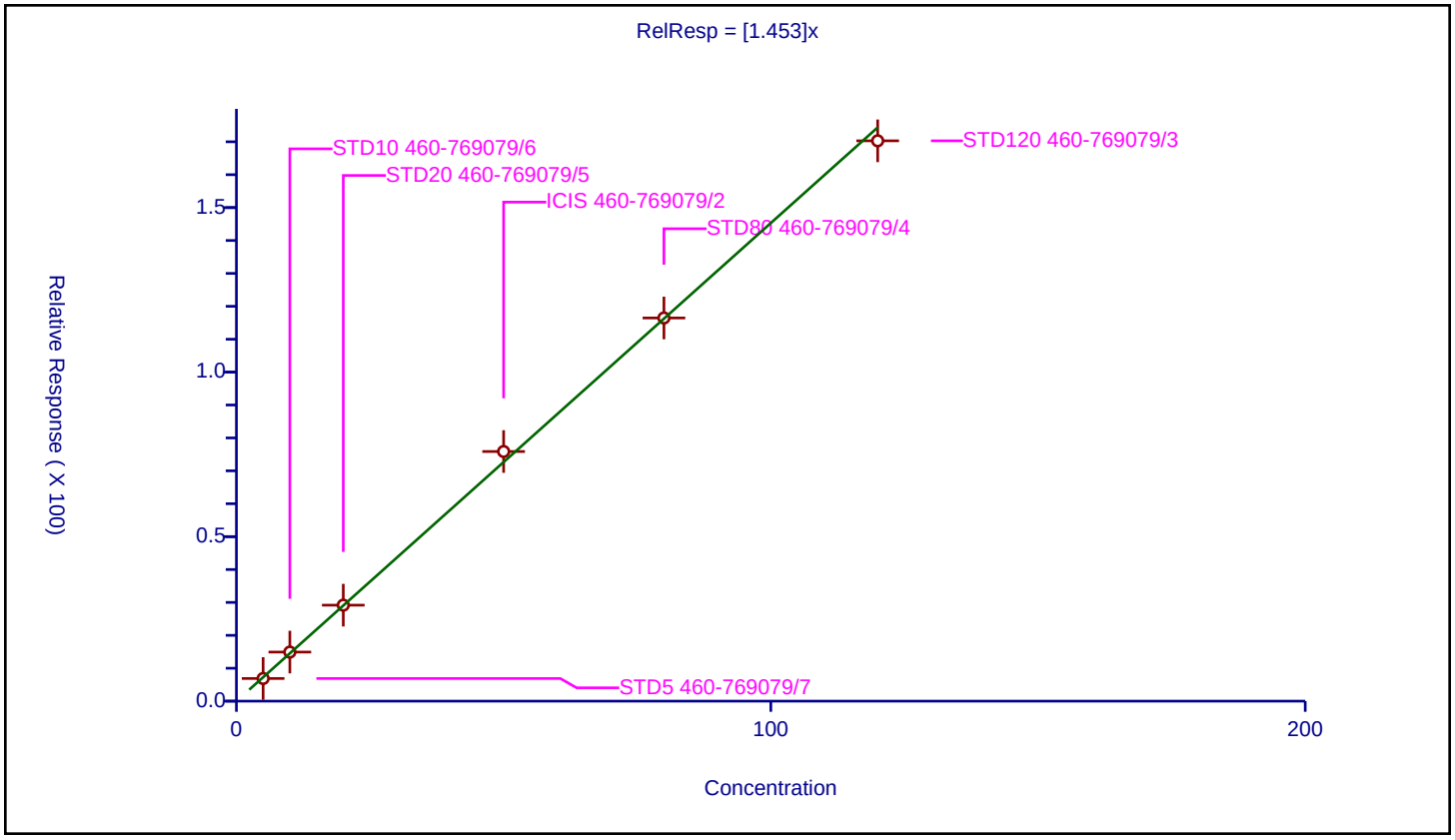
Curve Coefficients

Intercept:	0
Slope:	1.453

Error Coefficients

Standard Error:	825000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	6.882426	40.0	318318.0	1.376485	Y
2	STD10 460-769079/6	10.0	14.91247	40.0	317718.0	1.491247	Y
3	STD20 460-769079/5	20.0	29.16626	40.0	319956.0	1.458313	Y
4	ICIS 460-769079/2	50.0	75.872317	40.0	313183.0	1.517446	Y
5	STD80 460-769079/4	80.0	116.459154	40.0	322872.0	1.455739	Y
6	STD120 460-769079/3	120.0	170.294486	40.0	340050.0	1.419121	Y



Calibration / Benzo[b]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

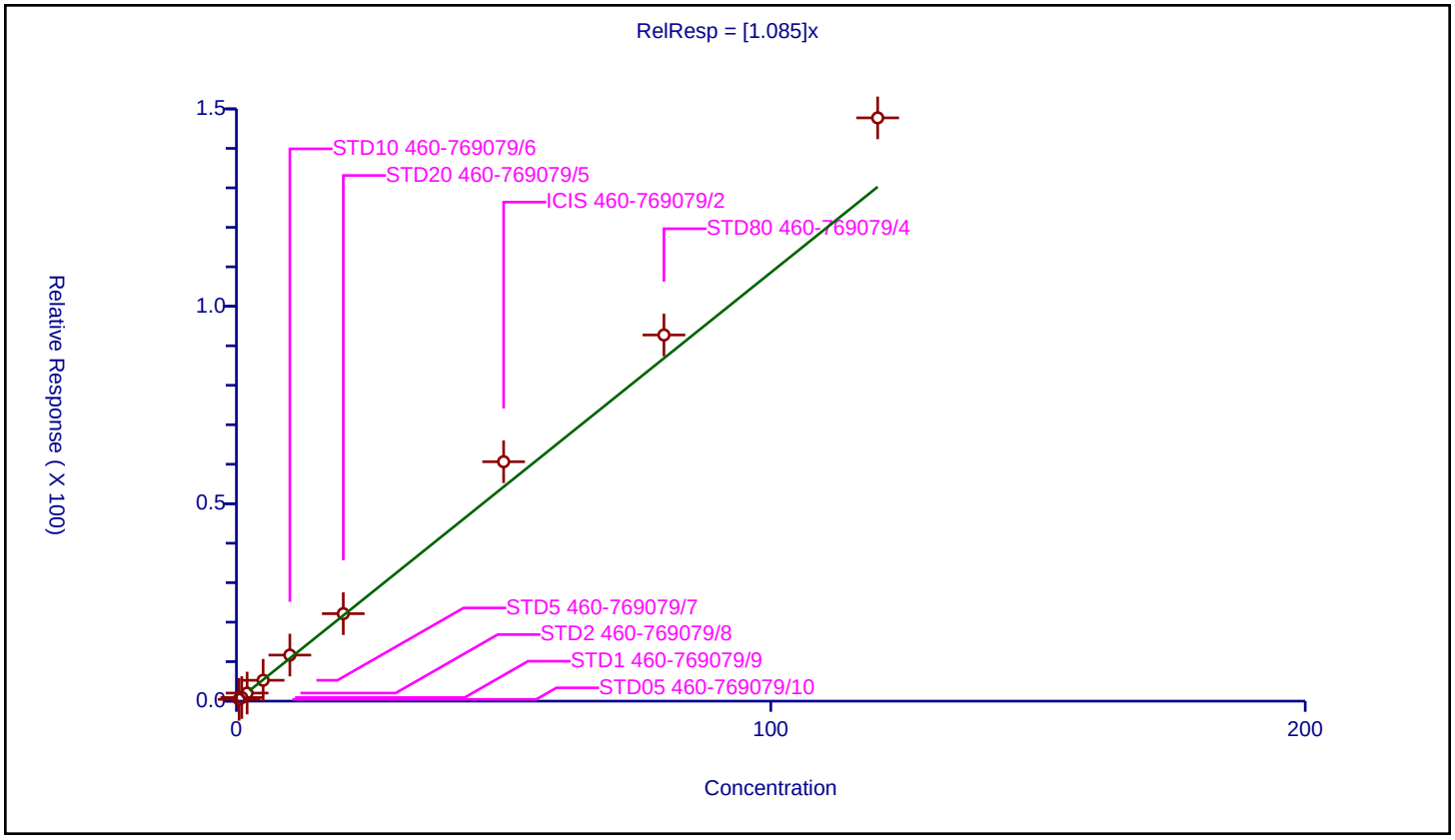
Curve Coefficients

Intercept:	0
Slope:	1.085

Error Coefficients

Standard Error:	548000
Relative Standard Error:	11.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.449052	40.0	318894.0	0.898104	Y
2	STD1 460-769079/9	1.0	0.913601	40.0	301970.0	0.913601	Y
3	STD2 460-769079/8	2.0	2.047246	40.0	324768.0	1.023623	Y
4	STD5 460-769079/7	5.0	5.283396	40.0	318318.0	1.056679	Y
5	STD10 460-769079/6	10.0	11.664306	40.0	317718.0	1.166431	Y
6	STD20 460-769079/5	20.0	22.158047	40.0	319956.0	1.107902	Y
7	ICIS 460-769079/2	50.0	60.640201	40.0	313183.0	1.212804	Y
8	STD80 460-769079/4	80.0	92.741272	40.0	322872.0	1.159266	Y
9	STD120 460-769079/3	120.0	147.726511	40.0	340050.0	1.231054	Y



Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

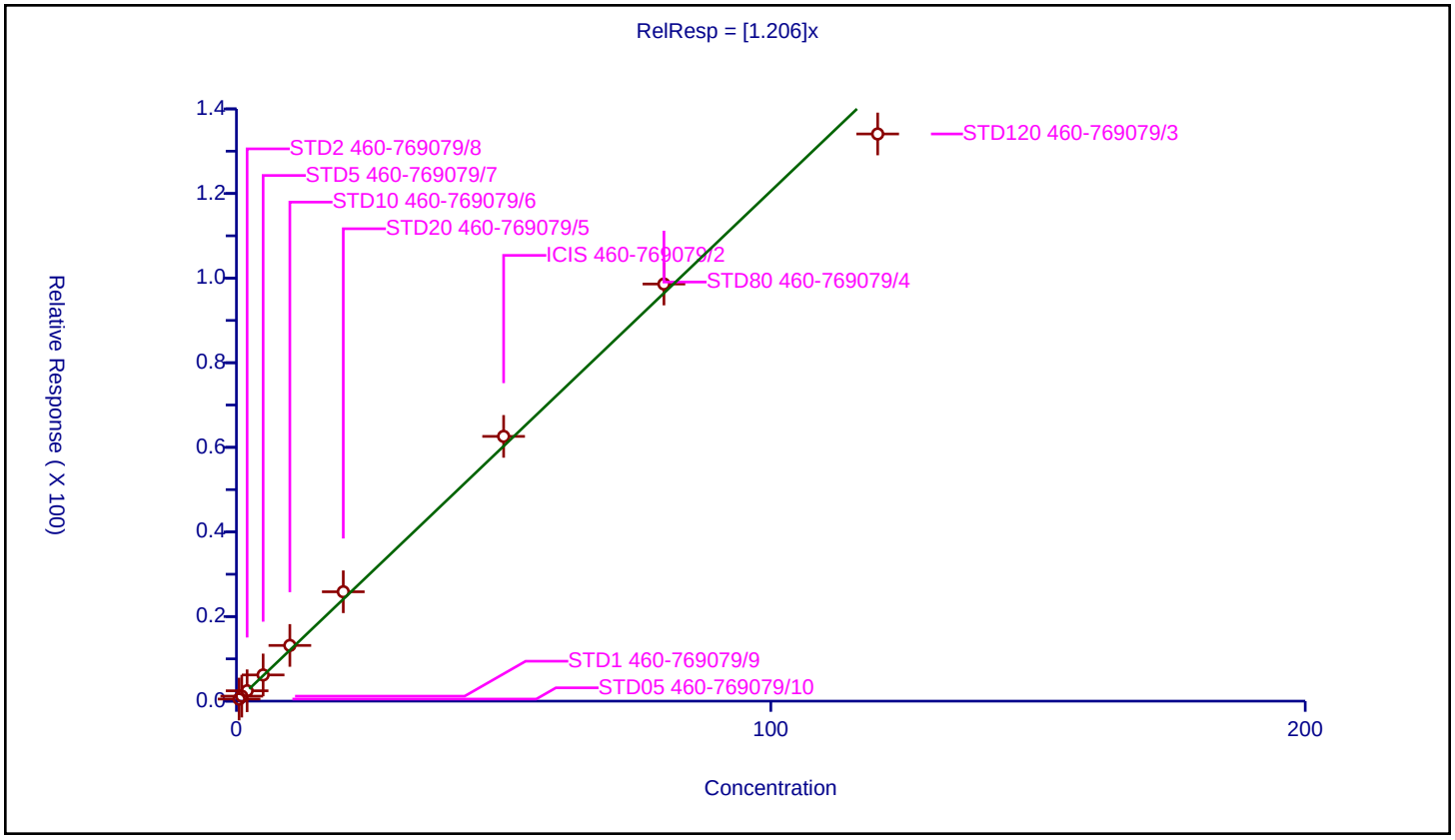
Curve Coefficients

Intercept:	0
Slope:	1.206

Error Coefficients

Standard Error:	528000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.495086	40.0	318894.0	0.990172	Y
2	STD1 460-769079/9	1.0	1.183164	40.0	301970.0	1.183164	Y
3	STD2 460-769079/8	2.0	2.452828	40.0	324768.0	1.226414	Y
4	STD5 460-769079/7	5.0	6.195063	40.0	318318.0	1.239013	Y
5	STD10 460-769079/6	10.0	13.170547	40.0	317718.0	1.317055	Y
6	STD20 460-769079/5	20.0	25.856055	40.0	319956.0	1.292803	Y
7	ICIS 460-769079/2	50.0	62.58705	40.0	313183.0	1.251741	Y
8	STD80 460-769079/4	80.0	98.605515	40.0	322872.0	1.232569	Y
9	STD120 460-769079/3	120.0	134.076753	40.0	340050.0	1.117306	Y



Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

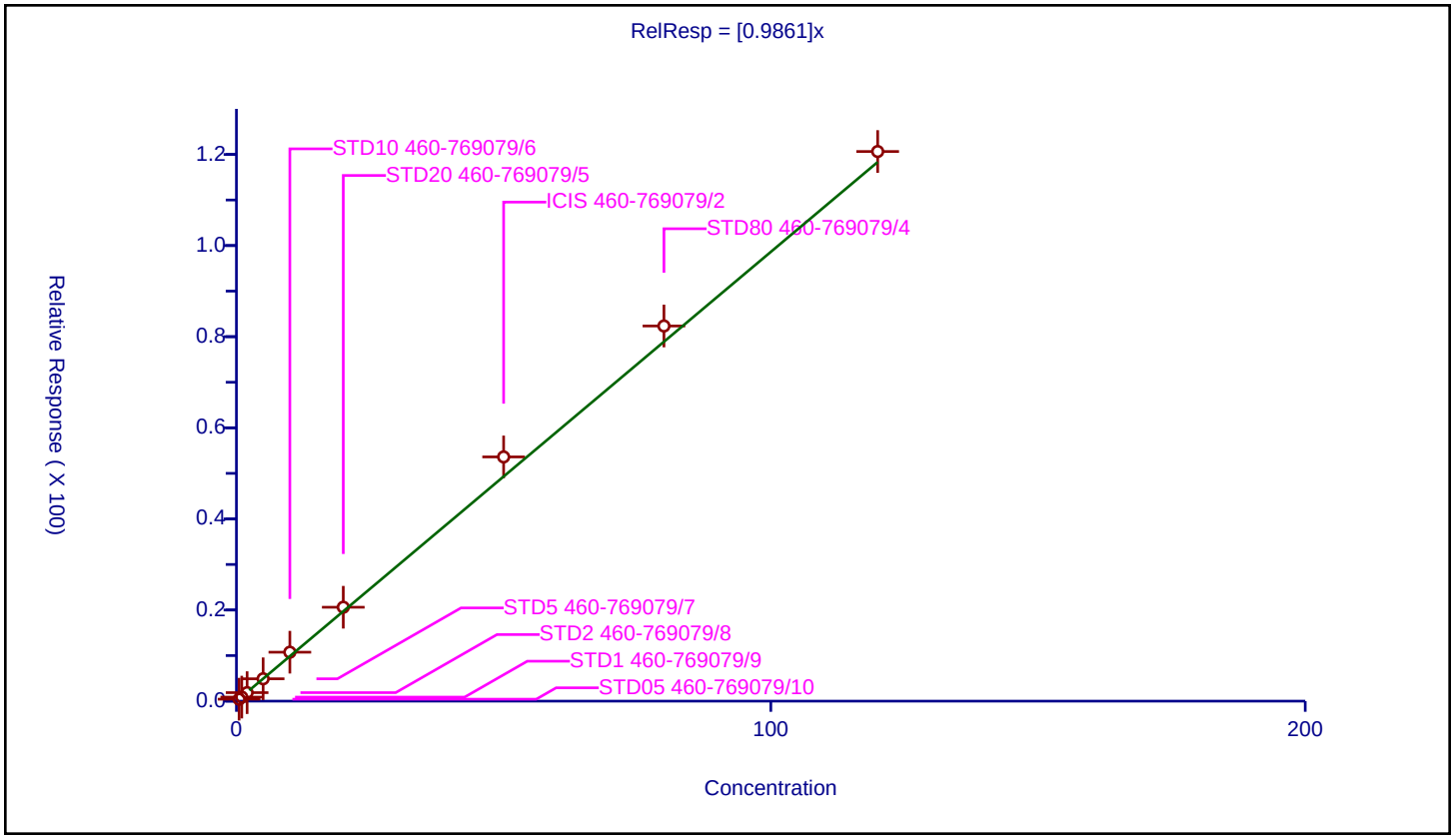
Curve Coefficients

Intercept:	0
Slope:	0.9861

Error Coefficients

Standard Error:	462000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.429861	40.0	318894.0	0.859721	Y
2	STD1 460-769079/9	1.0	0.886843	40.0	301970.0	0.886843	Y
3	STD2 460-769079/8	2.0	1.869519	40.0	324768.0	0.93476	Y
4	STD5 460-769079/7	5.0	4.91031	40.0	318318.0	0.982062	Y
5	STD10 460-769079/6	10.0	10.741727	40.0	317718.0	1.074173	Y
6	STD20 460-769079/5	20.0	20.612334	40.0	319956.0	1.030617	Y
7	ICIS 460-769079/2	50.0	53.607124	40.0	313183.0	1.072142	Y
8	STD80 460-769079/4	80.0	82.345202	40.0	322872.0	1.029315	Y
9	STD120 460-769079/3	120.0	120.644376	40.0	340050.0	1.00537	Y



Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

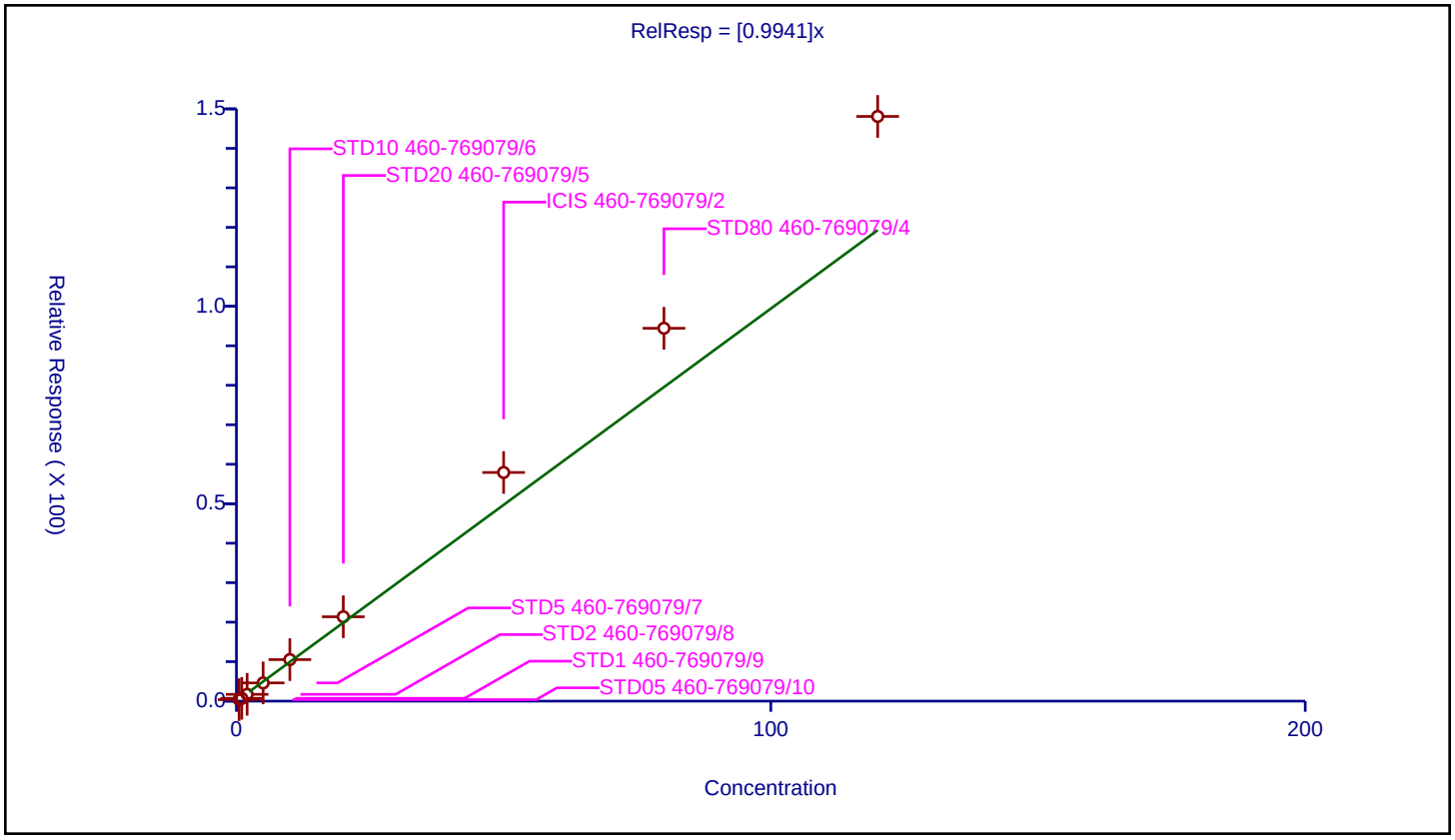
Curve Coefficients

Intercept:	0
Slope:	0.9941

Error Coefficients

Standard Error:	549000
Relative Standard Error:	19.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.37768	40.0	318894.0	0.755361	Y
2	STD1 460-769079/9	1.0	0.712786	40.0	301970.0	0.712786	Y
3	STD2 460-769079/8	2.0	1.725663	40.0	324768.0	0.862831	Y
4	STD5 460-769079/7	5.0	4.614379	40.0	318318.0	0.922876	Y
5	STD10 460-769079/6	10.0	10.522161	40.0	317718.0	1.052216	Y
6	STD20 460-769079/5	20.0	21.365313	40.0	319956.0	1.068266	Y
7	ICIS 460-769079/2	50.0	57.911956	40.0	313183.0	1.158239	Y
8	STD80 460-769079/4	80.0	94.44399	40.0	322872.0	1.18055	Y
9	STD120 460-769079/3	120.0	148.090575	40.0	340050.0	1.234088	Y



Calibration / Dibenz(a,h)anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

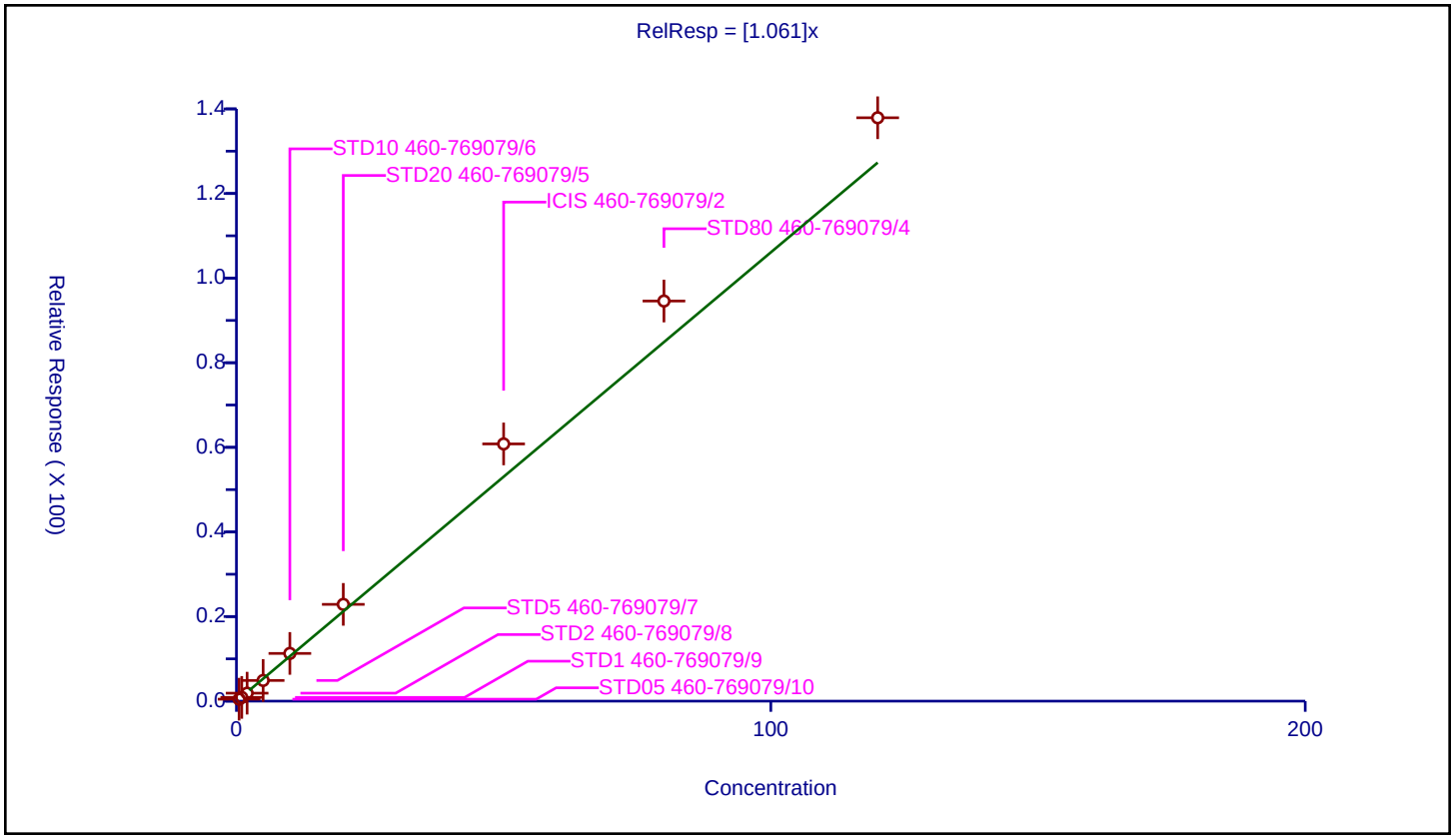
Curve Coefficients

Intercept:	0
Slope:	1.061

Error Coefficients

Standard Error:	528000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769079/10	0.5	0.46285	40.0	318894.0	0.925699	Y
2	STD1 460-769079/9	1.0	0.882472	40.0	301970.0	0.882472	Y
3	STD2 460-769079/8	2.0	1.884792	40.0	324768.0	0.942396	Y
4	STD5 460-769079/7	5.0	4.887691	40.0	318318.0	0.977538	Y
5	STD10 460-769079/6	10.0	11.280695	40.0	317718.0	1.12807	Y
6	STD20 460-769079/5	20.0	22.87477	40.0	319956.0	1.143739	Y
7	ICIS 460-769079/2	50.0	60.8033	40.0	313183.0	1.216066	Y
8	STD80 460-769079/4	80.0	94.579524	40.0	322872.0	1.182244	Y
9	STD120 460-769079/3	120.0	137.901015	40.0	340050.0	1.149175	Y



Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

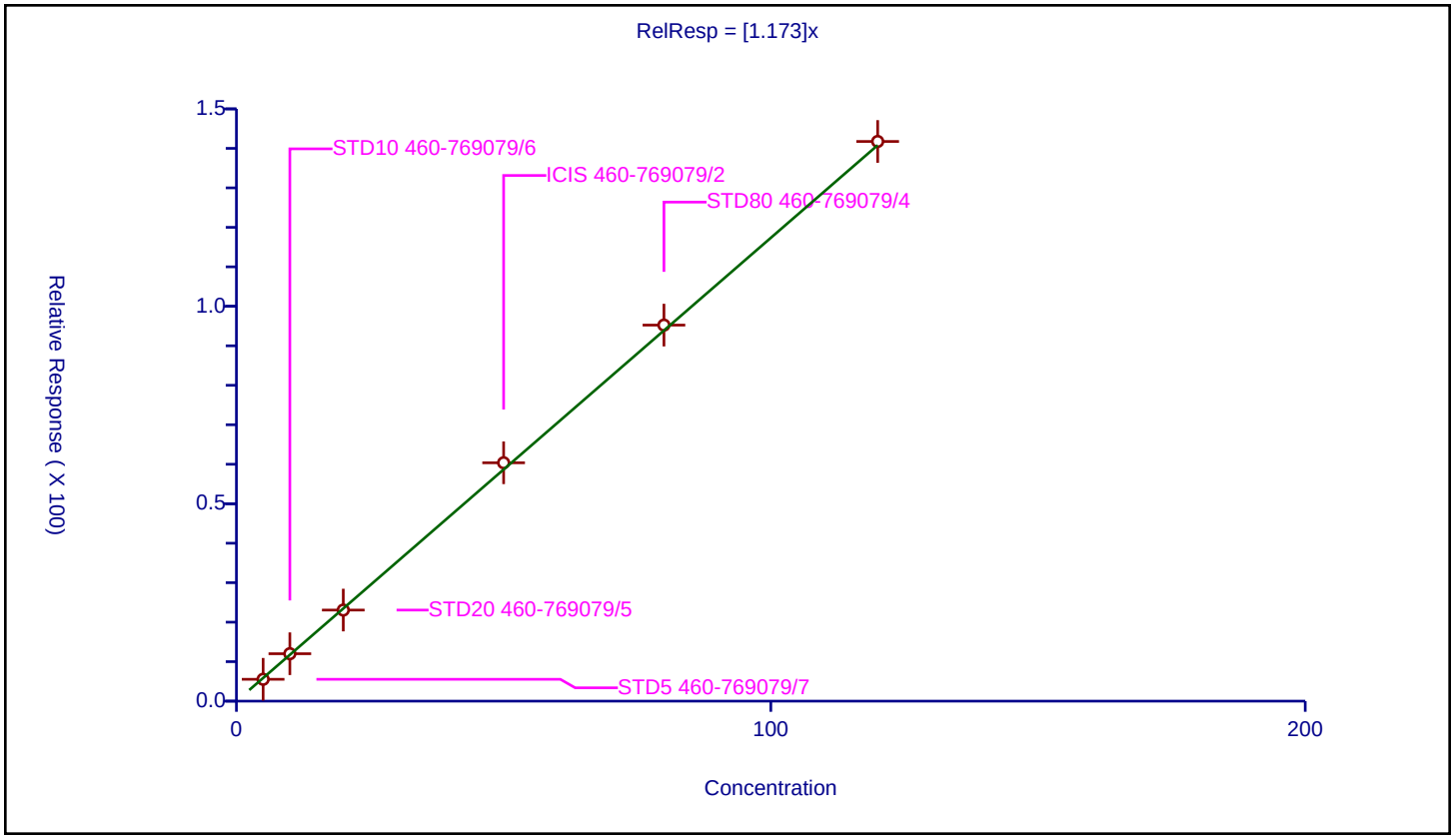
Curve Coefficients

Intercept:	0
Slope:	1.173

Error Coefficients

Standard Error:	680000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769079/7	5.0	5.532329	40.0	318318.0	1.106466	Y
2	STD10 460-769079/6	10.0	12.013547	40.0	317718.0	1.201355	Y
3	STD20 460-769079/5	20.0	23.068047	40.0	319956.0	1.153402	Y
4	ICIS 460-769079/2	50.0	60.370199	40.0	313183.0	1.207404	Y
5	STD80 460-769079/4	80.0	95.239104	40.0	322872.0	1.190489	Y
6	STD120 460-769079/3	120.0	141.75139	40.0	340050.0	1.181262	Y



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID (1): ICIS 460-769079/2 Instrument ID (1): CBNAMS15

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 04/02/2021 08:39

ANALYTE	RT	RESOLUTION (%)
Phenanthrene	6.59	0.50
Benzo[a]anthracene	8.56	7.90
Benzo[b]fluoranthene	9.53	36.20

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID (1): CCVIS 460-774884/2 Instrument ID (1): CBNAMS15

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 04/29/2021 21:32

ANALYTE	RT	RESOLUTION (%)
Phenanthrene	6.63	0.60
Benzo[a]anthracene	8.61	9.80
Benzo[b]fluoranthene	9.60	34.60

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-769079/11 Calibration Date: 04/02/2021 11:14

Instrument ID: CBNAMS15 Calib Start Date: 04/02/2021 08:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/02/2021 10:57

Lab File ID: f4522084.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7142	0.6702		23500	25000	-6.2	30.0
N-Nitrosodimethylamine	Ave	1.023	1.046		25600	25000	2.2	30.0
Pyridine	Ave	1.805	1.521		42100	50000	-15.7	30.0
Benzaldehyde	Ave	1.432	1.134	0.0100	19800	25000	-20.9	30.0
Phenol	Ave	2.162	2.044	0.8000	23600	25000	-5.5	30.0
Aniline	Ave	2.608	2.422		23200	25000	-7.1	30.0
Bis(2-chloroethyl)ether	Ave	1.639	1.649	0.7000	25100	25000	0.6	30.0
2-Chlorophenol	Ave	1.443	1.441	0.8000	25000	25000	-0.2	30.0
n-Decane	Ave	2.384	2.307		24200	25000	-3.2	30.0
1,3-Dichlorobenzene	Ave	1.580	1.536		24300	25000	-2.8	30.0
1,4-Dichlorobenzene	Ave	1.597	1.563		24500	25000	-2.1	30.0
Benzyl alcohol	Ave	1.006	1.019		25300	25000	1.2	30.0
1,2-Dichlorobenzene	Ave	1.504	1.486		24700	25000	-1.2	30.0
2-Methylphenol	Ave	1.443	1.413	0.7000	24500	25000	-2.1	30.0
2,2'-oxybis[1-chloropropane]	Ave	3.066	3.000	0.0100	24500	25000	-2.2	30.0
N-Methylaniline	Ave	2.595	2.417		23300	25000	-6.9	30.0
Acetophenone	Ave	2.411	2.365	0.0100	24500	25000	-1.9	30.0
3 & 4 Methylphenol	Ave	1.672	1.640		24500	25000	-1.9	30.0
4-Methylphenol	Ave	1.672	1.640	0.6000	24500	25000	-1.9	30.0
N-Nitrosodi-n-propylamine	Ave	1.216	1.237	0.5000	25400	25000	1.7	30.0
Hexachloroethane	Ave	0.7026	0.6859	0.3000	24400	25000	-2.4	30.0
Nitrobenzene	Ave	0.7030	0.7044	0.2000	25100	25000	0.2	30.0
n,n'-Dimethylaniline	Ave	2.278	2.237		24600	25000	-1.8	30.0
Isophorone	Ave	0.9016	0.8815	0.4000	24400	25000	-2.2	30.0
2-Nitrophenol	Ave	0.1935	0.1818	0.1000	23500	25000	-6.1	30.0
2,4-Dimethylphenol	Ave	0.3368	0.3262	0.2000	24200	25000	-3.1	30.0
Bis(2-chloroethoxy)methane	Ave	0.5501	0.5345	0.3000	24300	25000	-2.8	30.0
Benzoic acid	Lin2		0.1943		23000	25000	-7.8	30.0
2,4-Dichlorophenol	Ave	0.2969	0.2893	0.2000	24400	25000	-2.6	30.0
1,2,4-Trichlorobenzene	Ave	0.3256	0.3174		24400	25000	-2.5	30.0
Naphthalene	Ave	1.095	1.078	0.7000	24600	25000	-1.5	30.0
4-Chloroaniline	Ave	0.4592	0.4379	0.0100	23800	25000	-4.6	30.0
Hexachlorobutadiene	Ave	0.1879	0.1821	0.0100	24200	25000	-3.1	30.0
Caprolactam	Qua		0.1126	0.0100	21100	25000	-15.6	30.0
4-Chloro-3-methylphenol	Ave	0.3749	0.3646	0.2000	24300	25000	-2.7	30.0
2-Methylnaphthalene	Ave	0.7280	0.7121	0.4000	24500	25000	-2.2	30.0
1-Methylnaphthalene	Ave	0.6826	0.6556		24000	25000	-3.9	30.0
Hexachlorocyclopentadiene	Ave	0.3977	0.3229	0.0500	20300	25000	-18.8	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6225	0.6130	0.0100	24600	25000	-1.5	30.0
2-tertbutyl-4-methylphenol	Ave	0.4535	0.4377		24100	25000	-3.5	30.0
2,4,6-Trichlorophenol	Ave	0.4100	0.4021	0.2000	24500	25000	-1.9	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-769079/11 Calibration Date: 04/02/2021 11:14

Instrument ID: CBNAMS15 Calib Start Date: 04/02/2021 08:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/02/2021 10:57

Lab File ID: f4522084.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4628	0.4300	0.2000	23200	25000	-7.1	30.0
1,1'-Biphenyl	Ave	1.636	1.619	0.0100	24800	25000	-1.0	30.0
2-Chloronaphthalene	Ave	1.243	1.245	0.8000	25000	25000	0.2	30.0
Phenyl ether	Ave	0.8629	0.8045		23300	25000	-6.8	30.0
2-Nitroaniline	Ave	0.7071	0.6759	0.0100	23900	25000	-4.4	30.0
1,3-Dimethylnaphthalene	Ave	0.9855	1.007		25500	25000	2.2	30.0
Coumarin	Ave	0.2615	0.2479		23700	25000	-5.2	30.0
Dimethyl phthalate	Ave	1.504	1.454	0.0100	24200	25000	-3.4	30.0
2,6-Dinitrotoluene	Ave	0.3211	0.3217	0.2000	25100	25000	0.2	30.0
Acenaphthylene	Ave	1.977	1.932	0.9000	24400	25000	-2.3	30.0
3-Nitroaniline	Ave	0.3773	0.3703	0.0100	24500	25000	-1.8	30.0
Acenaphthene	Ave	1.193	1.191	0.9000	25000	25000	-0.1	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.111	1.062		23900	25000	-4.4	30.0
2,4-Dinitrophenol	Lin2		0.1667	0.0100	42600	50000	-14.9	30.0
4-Nitrophenol	Ave	0.3961	0.3881	0.0100	49000	50000	-2.0	30.0
Dibenzofuran	Ave	1.813	1.799	0.8000	24800	25000	-0.8	30.0
2,4-Dinitrotoluene	Ave	0.4277	0.4414	0.2000	25800	25000	3.2	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3858	0.3665	0.0100	23800	25000	-5.0	30.0
Diethyl phthalate	Ave	1.566	1.524	0.0100	24300	25000	-2.7	30.0
Fluorene	Ave	1.481	1.425	0.9000	24100	25000	-3.8	30.0
4-Chlorophenyl phenyl ether	Ave	0.6881	0.6618	0.4000	24000	25000	-3.8	30.0
4-Nitroaniline	Ave	0.3687	0.3714	0.0100	25200	25000	0.7	30.0
4,6-Dinitro-2-methylphenol	Lin2		0.1189	0.0100	45100	50000	-9.8	30.0
N-Nitrosodiphenylamine	Ave	0.5821	0.5731	0.0100	24600	25000	-1.6	30.0
1,2-Diphenylhydrazine	Ave	1.107	1.101		24900	25000	-0.5	30.0
4-Bromophenyl phenyl ether	Ave	0.2365	0.2361	0.1000	25000	25000	-0.2	30.0
Hexachlorobenzene	Ave	0.2945	0.2882	0.1000	24500	25000	-2.1	30.0
Atrazine	Ave	0.2222	0.2275	0.0100	25600	25000	2.4	30.0
Pentachlorophenol	Ave	0.1724	0.1663	0.0500	48200	50000	-3.5	30.0
Pentachloronitrobenzene	Ave	0.1140	0.1177	0.0100	25800	25000	3.2	30.0
n-Octadecane	Ave	0.9072	0.8948		24700	25000	-1.4	30.0
Phenanthrene	Ave	1.168	1.149	0.7000	24600	25000	-1.6	30.0
Anthracene	Ave	1.209	1.183	0.7000	24500	25000	-2.1	30.0
Carbazole	Ave	1.098	1.085	0.0100	24700	25000	-1.1	30.0
Di-n-butyl phthalate	Ave	1.428	1.390	0.0100	24300	25000	-2.6	30.0
Fluoranthene	Ave	1.271	1.247	0.6000	24500	25000	-1.9	30.0
Benzidine	Ave	0.5797	0.4728		20400	25000	-18.4	30.0
Pyrene	Ave	1.400	1.399	0.6000	25000	25000	-0.0	30.0
Bisphenol-A	Ave	0.6185	0.6556		26500	25000	6.0	30.0
Butyl benzyl phthalate	Ave	0.6629	0.6743	0.0100	25400	25000	1.7	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-769079/11 Calibration Date: 04/02/2021 11:14

Instrument ID: CBNAMS15 Calib Start Date: 04/02/2021 08:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/02/2021 10:57

Lab File ID: f4522084.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.6016	0.5975		24800	25000	-0.7	30.0
3,3'-Dichlorobenzidine	Ave	0.5151	0.4882	0.0100	23700	25000	-5.2	30.0
Benzo[a]anthracene	Ave	1.325	1.329	0.8000	25100	25000	0.3	30.0
Chrysene	Ave	1.322	1.282	0.7000	24200	25000	-3.1	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.9896	0.9813	0.0100	24800	25000	-0.8	30.0
Di-n-octyl phthalate	Ave	1.453	1.427	0.0100	24500	25000	-1.8	30.0
Benzo[b]fluoranthene	Ave	1.085	1.128		26000	25000	3.9	30.0
Benzo[k]fluoranthene	Ave	1.206	1.245	0.7000	25800	25000	3.3	30.0
Benzo[a]pyrene	Ave	0.9861	1.111	0.7000	28200	25000	12.6	30.0
Indeno[1,2,3-cd]pyrene	Ave	0.9941	1.053	0.5000	26500	25000	5.9	30.0
Dibenz(a,h)anthracene	Ave	1.061	1.078	0.4000	25400	25000	1.6	30.0
Benzo[g,h,i]perylene	Ave	1.173	1.155	0.5000	24600	25000	-1.6	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522084.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 02-Apr-2021 11:14:26 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126431-011
Operator ID: Instrument ID: CBNAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 04-Apr-2021 14:01:19 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: khlungprakhons Date: 05-Apr-2021 08:41:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.493	1.493	0.000	94	34029	25.0	23.5	
2 N-Nitrosodimethylamine	74	1.608	1.605	0.003	80	53092	25.0	25.6	
3 Pyridine	79	1.629	1.626	0.003	82	154440	50.0	42.1	
7 Benzaldehyde	77	2.834	2.832	0.002	87	57559	25.0	19.8	E
9 Phenol	94	2.887	2.891	-0.004	97	103795	25.0	23.6	
10 Aniline	93	2.910	2.909	0.001	86	122993	25.0	23.2	
11 Bis(2-chloroethyl)ether	93	2.960	2.959	0.001	89	83724	25.0	25.1	
12 2-Chlorophenol	128	2.993	2.994	-0.001	59	73161	25.0	25.0	
13 n-Decane	43	3.040	3.039	0.001	92	117152	25.0	24.2	
14 1,3-Dichlorobenzene	146	3.108	3.106	0.002	89	77999	25.0	24.3	
* 15 1,4-Dichlorobenzene-d4	152	3.152	3.151	0.001	97	81243	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.164	3.162	0.002	85	79371	25.0	24.5	
17 Benzyl alcohol	108	3.256	3.257	-0.001	87	51726	25.0	25.3	
18 1,2-Dichlorobenzene	146	3.276	3.275	0.001	89	75468	25.0	24.7	
19 2-Methylphenol	108	3.341	3.346	-0.005	78	71745	25.0	24.5	
20 2,2'-oxybis[1-chloropropane]	45	3.365	3.363	0.002	92	152310	25.0	24.5	
130 N-Methylaniline	106	3.451	3.452	-0.001	87	122720	25.0	23.3	
21 Acetophenone	105	3.457	3.458	-0.001	84	120070	25.0	24.5	
24 N-Nitrosodi-n-propylamine	70	3.462	3.464	-0.002	86	62790	25.0	25.4	
22 4-Methylphenol	108	3.462	3.467	-0.005	73	83269	25.0	24.5	
23 3 & 4 Methylphenol	108	3.462	3.467	-0.005	75	83269	25.0	24.5	a
25 Hexachloroethane	117	3.530	3.529	0.001	91	34830	25.0	24.4	
27 Nitrobenzene	123	3.584	3.585	-0.001	87	35768	25.0	25.1	
28 n,n'-Dimethylaniline	120	3.589	3.591	-0.002	88	113568	25.0	24.6	
29 Isophorone	82	3.773	3.774	-0.001	98	175249	25.0	24.4	
30 2-Nitrophenol	139	3.829	3.830	-0.001	71	36135	25.0	23.5	
31 2,4-Dimethylphenol	122	3.876	3.877	-0.001	86	64859	25.0	24.2	
32 Bis(2-chloroethoxy)methane	93	3.953	3.954	-0.001	94	106265	25.0	24.3	
33 Benzoic acid	122	3.956	3.983	-0.027	35	38621	25.0	23.0	M
34 2,4-Dichlorophenol	162	4.015	4.016	-0.001	86	57525	25.0	24.4	
35 1,2,4-Trichlorobenzene	180	4.080	4.081	0.000	89	63107	25.0	24.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 36 Naphthalene-d8	136	4.121	4.119	0.002	99	318104	40.0	40.0	
37 Naphthalene	128	4.136	4.137	-0.001	97	214416	25.0	24.6	
38 4-Chloroaniline	127	4.186	4.187	-0.001	86	87069	25.0	23.8	
39 Hexachlorobutadiene	225	4.242	4.240	0.002	90	36201	25.0	24.2	
40 Caprolactam	113	4.460	4.464	-0.004	86	22385	25.0	21.1	
41 4-Chloro-3-methylphenol	107	4.576	4.577	-0.001	94	72481	25.0	24.3	
42 2-Methylnaphthalene	142	4.673	4.671	0.002	82	141572	25.0	24.5	
43 1-Methylnaphthalene	142	4.747	4.745	0.002	89	130346	25.0	24.0	
44 Hexachlorocyclopentadiene	237	4.797	4.798	-0.001	84	33390	25.0	20.3	
45 1,2,4,5-Tetrachlorobenzene	216	4.800	4.801	-0.001	93	63387	25.0	24.6	
46 2-tertbutyl-4-methylphenol	149	4.850	4.851	-0.001	82	87013	25.0	24.1	
47 2,4,6-Trichlorophenol	196	4.895	4.892	0.003	83	41583	25.0	24.5	
48 2,4,5-Trichlorophenol	196	4.921	4.919	0.002	80	44465	25.0	23.2	
51 1,1'-Biphenyl	154	5.036	5.034	0.002	97	167458	25.0	24.8	
52 2-Chloronaphthalene	162	5.042	5.043	-0.001	91	128768	25.0	25.0	
53 Phenyl ether	170	5.119	5.120	-0.001	85	83195	25.0	23.3	
54 2-Nitroaniline	65	5.128	5.129	-0.001	85	69894	25.0	23.9	
55 1,3-Dimethylnaphthalene	156	5.214	5.211	0.003	88	104144	25.0	25.5	
57 Coumarin	146	5.281	5.282	-0.001	76	49293	25.0	23.7	
56 Dimethyl phthalate	163	5.284	5.285	-0.001	93	150309	25.0	24.2	
58 2,6-Dinitrotoluene	165	5.320	5.323	-0.003	67	33269	25.0	25.1	
59 Acenaphthylene	152	5.352	5.353	-0.001	85	199826	25.0	24.4	
60 3-Nitroaniline	138	5.441	5.442	-0.001	87	38293	25.0	24.5	
* 61 Acenaphthene-d10	164	5.462	5.462	0.000	93	165450	40.0	40.0	
62 Acenaphthene	154	5.488	5.486	0.002	91	123189	25.0	25.0	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.503	5.504	-0.001	94	109838	25.0	23.9	
64 2,4-Dinitrophenol	184	5.521	5.524	-0.003	57	34483	50.0	42.6	
65 4-Nitrophenol	65	5.583	5.586	-0.003	96	80260	50.0	49.0	
66 Dibenzofuran	168	5.618	5.619	-0.001	91	185987	25.0	24.8	
67 2,4-Dinitrotoluene	165	5.621	5.622	-0.001	62	45646	25.0	25.8	
68 2,3,4,6-Tetrachlorophenol	232	5.716	5.713	0.003	87	37903	25.0	23.8	
69 Diethyl phthalate	149	5.822	5.825	-0.003	96	157566	25.0	24.3	
70 Fluorene	166	5.875	5.876	-0.001	70	147308	25.0	24.1	
71 4-Chlorophenyl phenyl ether	204	5.887	5.888	-0.001	76	68438	25.0	24.0	
72 4-Nitroaniline	138	5.902	5.908	-0.006	67	38406	25.0	25.2	
73 4,6-Dinitro-2-methylphenol	198	5.925	5.929	-0.004	50	45363	50.0	45.1	
74 N-Nitrosodiphenylamine	169	5.979	5.979	0.000	30	109340	25.0	24.6	
75 1,2-Diphenylhydrazine	77	6.005	6.006	-0.001	45	210096	25.0	24.9	
77 4-Bromophenyl phenyl ether	248	6.250	6.251	-0.001	78	45043	25.0	25.0	
78 Hexachlorobenzene	284	6.283	6.283	0.000	91	54983	25.0	24.5	
79 Atrazine	200	6.392	6.393	-0.001	79	43400	25.0	25.6	
80 Pentachlorophenol	266	6.436	6.437	-0.001	87	63471	50.0	48.2	
81 Pentachloronitrobenzene	237	6.445	6.446	-0.001	62	22447	25.0	25.8	
82 n-Octadecane	57	6.540	6.540	0.000	91	170722	25.0	24.7	
* 83 Phenanthrene-d10	188	6.575	6.573	0.002	98	305267	40.0	40.0	
84 Phenanthrene	178	6.593	6.594	-0.001	94	219163	25.0	24.6	
85 Anthracene	178	6.628	6.632	-0.004	96	225640	25.0	24.5	
87 Carbazole	167	6.755	6.756	-0.001	83	207059	25.0	24.7	
88 Di-n-butyl phthalate	149	7.045	7.045	0.000	99	265291	25.0	24.3	
89 Fluoranthene	202	7.476	7.476	0.000	97	237921	25.0	24.5	
90 Benzidine	184	7.591	7.588	0.003	99	90207	25.0	20.4	
91 Pyrene	202	7.641	7.641	0.000	96	248194	25.0	25.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Bisphenol-A	213	7.706	7.709	-0.003	96	116306	25.0	26.5	
95 Butyl benzyl phthalate	149	8.161	8.161	0.000	94	119634	25.0	25.4	
97 Carbamazepine	193	8.223	8.226	-0.003	91	105996	25.0	24.8	
99 3,3'-Dichlorobenzidine	252	8.560	8.557	0.003	98	86610	25.0	23.7	
100 Benzo[a]anthracene	228	8.566	8.566	0.000	100	235755	25.0	25.1	
* 98 Chrysene-d12	240	8.574	8.575	-0.001	98	283862	40.0	40.0	
101 Chrysene	228	8.595	8.596	-0.001	94	227376	25.0	24.2	
102 Bis(2-ethylhexyl) phthalate	149	8.639	8.640	-0.001	87	174102	25.0	24.8	
103 Di-n-octyl phthalate	149	9.230	9.231	-0.001	96	291834	25.0	24.5	
104 Benzo[b]fluoranthene	252	9.529	9.529	0.000	97	230646	25.0	26.0	
105 Benzo[k]fluoranthene	252	9.558	9.559	-0.001	99	254704	25.0	25.8	
106 Benzo[a]pyrene	252	9.842	9.843	-0.001	96	227220	25.0	28.2	
* 107 Perylene-d12	264	9.901	9.899	0.002	98	327278	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	10.968	10.968	0.000	95	215413	25.0	26.5	M
109 Dibenz(a,h)anthracene	278	10.997	10.998	-0.001	42	220549	25.0	25.4	
110 Benzo[g,h,i]perylene	276	11.228	11.228	0.000	96	236270	25.0	24.6	
131 2,6-Dichlorophenol	162	4.189	4.190	-0.001	73	57934	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_ICV_00004 Amount Added: 1.00 Units: mL

Report Date: 05-Apr-2021 08:41:57 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522084.D

Injection Date: 02-Apr-2021 11:14:26 Instrument ID: CBNAMS15 Operator ID:

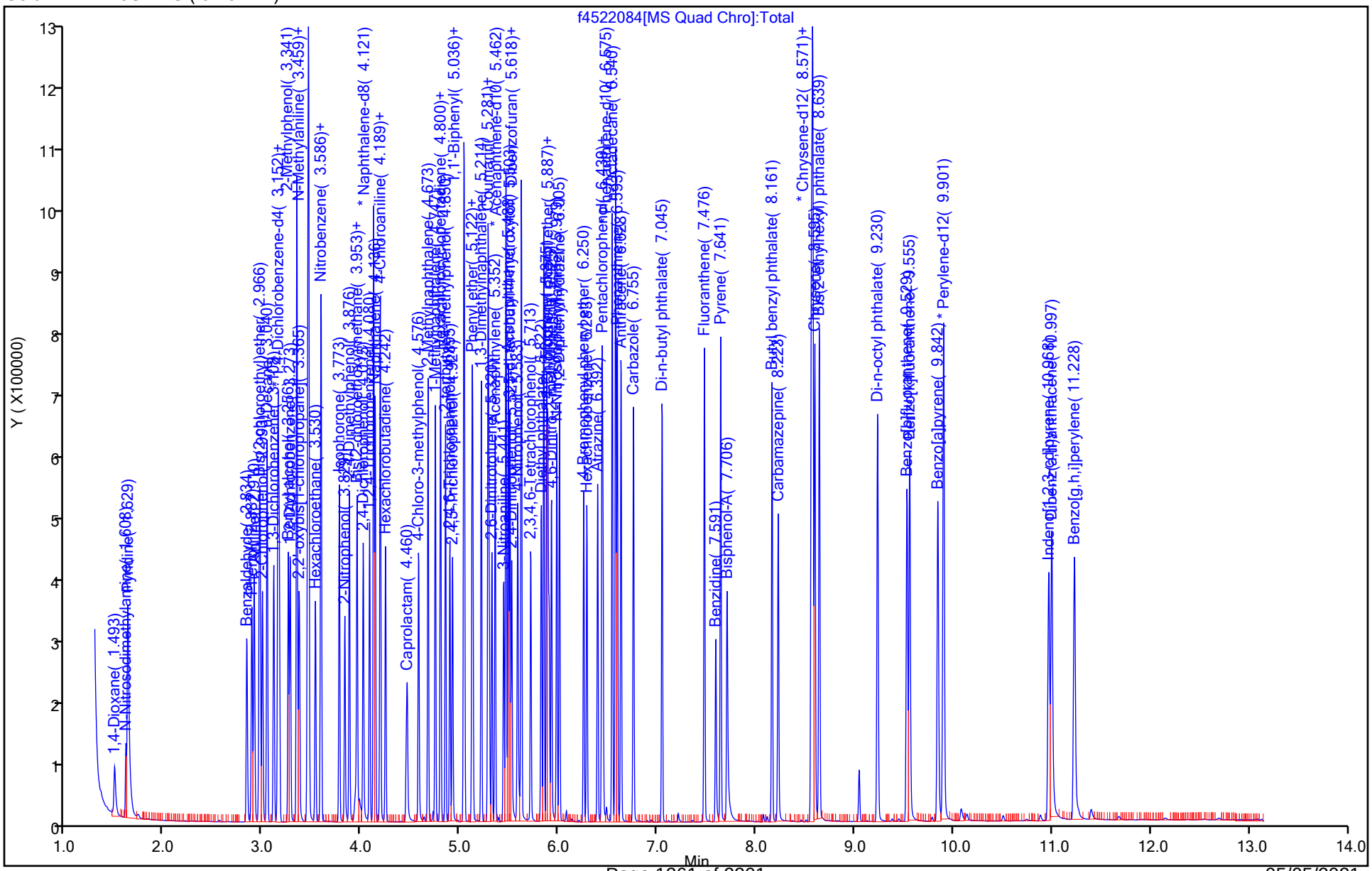
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

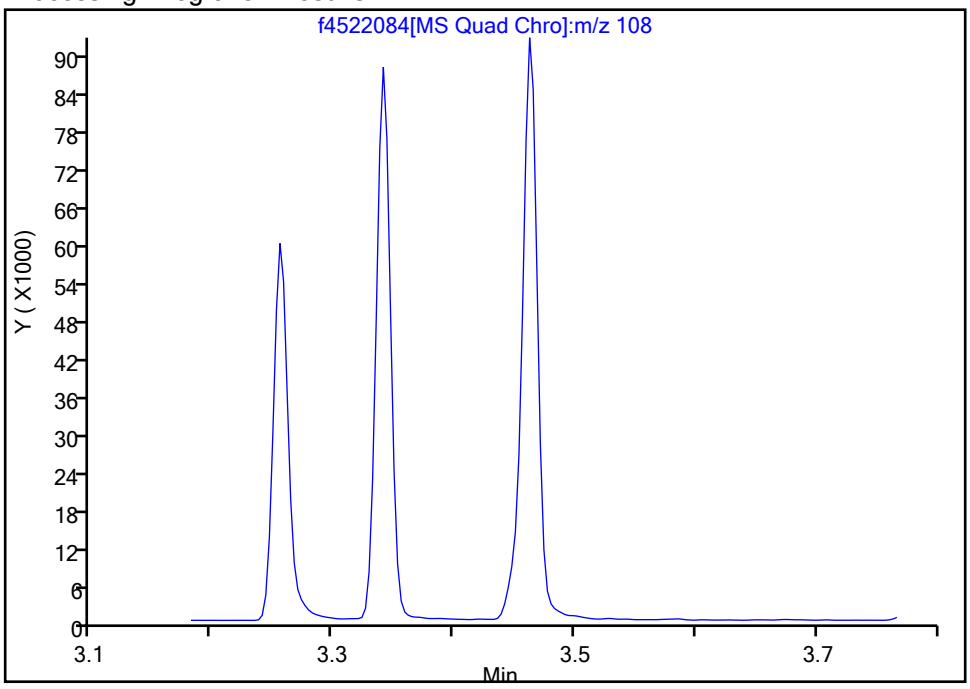
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522084.D				
Injection Date:	02-Apr-2021 11:14:26	Instrument ID:	CBNAMS15		
Lims ID:	ICV				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

23 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

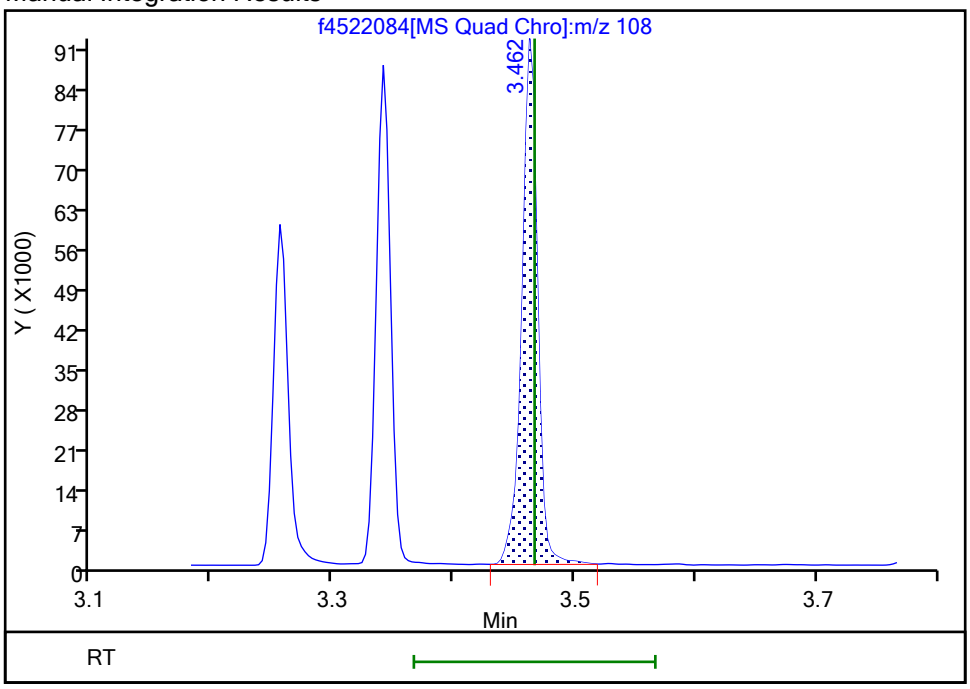
Not Detected
Expected RT: 3.47

Processing Integration Results



Manual Integration Results

RT: 3.46
Area: 83269
Amount: 24.524888
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 11:41:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

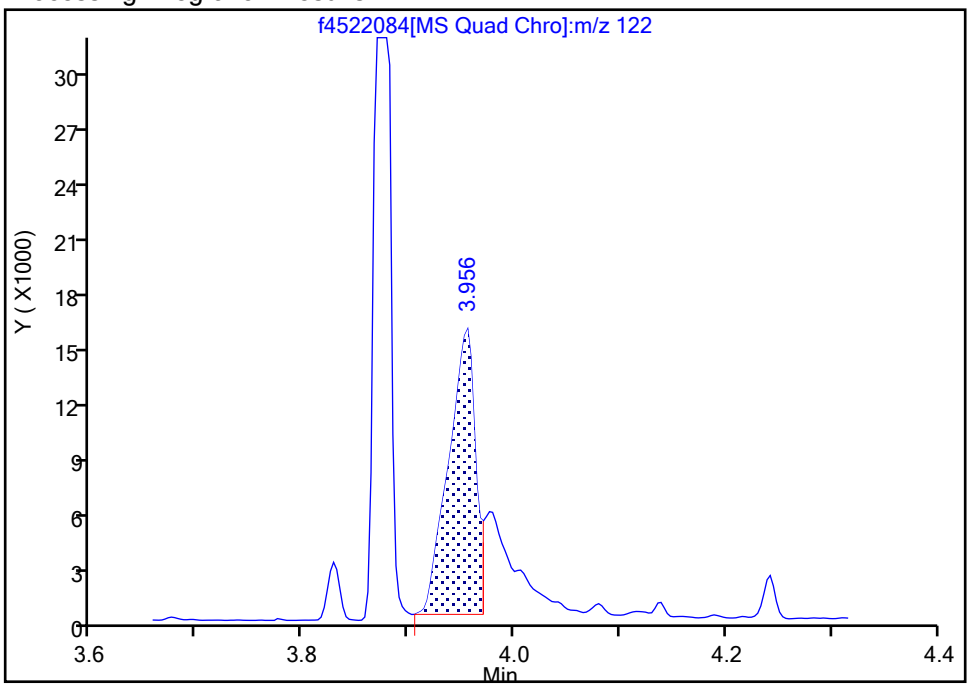
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522084.D
Injection Date: 02-Apr-2021 11:14:26 Instrument ID: CBNAMS15
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

33 Benzoic acid, CAS: 65-85-0

Signal: 1

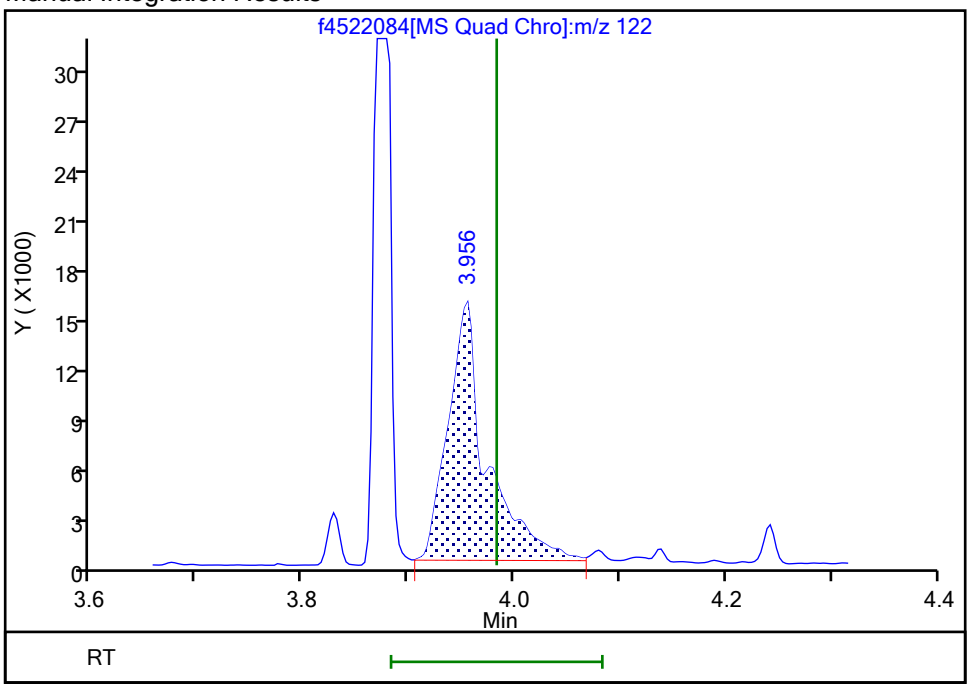
Processing Integration Results

RT: 3.96
Area: 27343
Amount: 17.158388
Amount Units: ug/ml



Manual Integration Results

RT: 3.96
Area: 38621
Amount: 23.045396
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 12:06:17
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

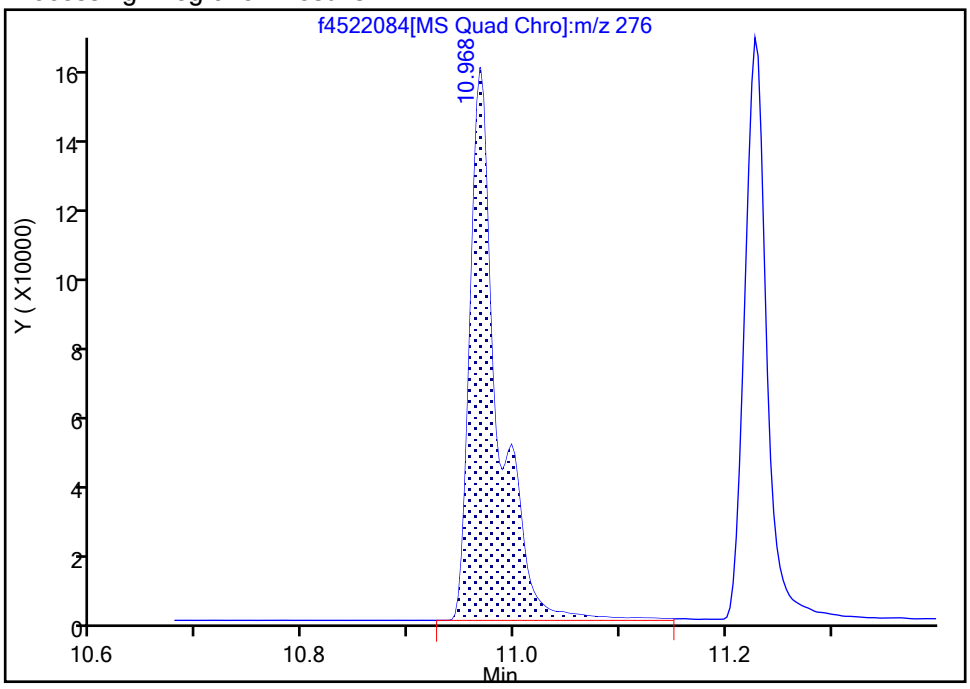
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522084.D				
Injection Date:	02-Apr-2021 11:14:26	Instrument ID:	CBNAMS15		
Lims ID:	ICV				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

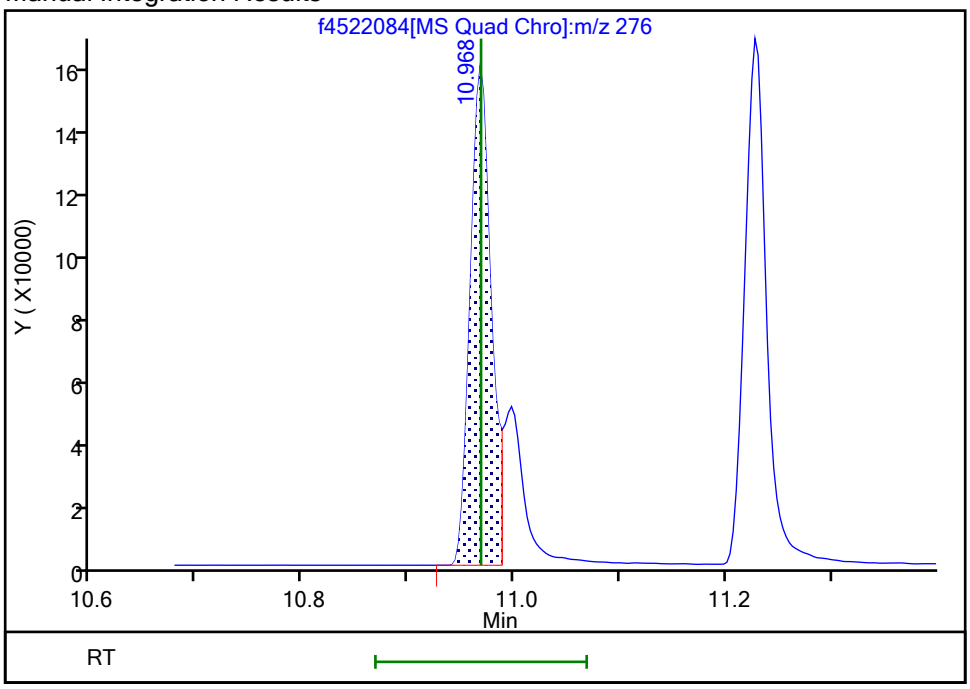
Processing Integration Results

RT: 10.97
Area: 282780
Amount: 29.379170
Amount Units: ug/ml



Manual Integration Results

RT: 10.97
Area: 215413
Amount: 26.483162
Amount Units: ug/ml



Reviewer: johnstonm1, 02-Apr-2021 12:06:56

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-774884/2 Calibration Date: 04/29/2021 21:32

Instrument ID: CBNAMS15 Calib Start Date: 04/02/2021 08:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/02/2021 10:57

Lab File ID: f4522810.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7142	0.6687		46800	50000	-6.4	20.0
N-Nitrosodimethylamine	Ave	1.023	1.014		49600	50000	-0.9	20.0
Pyridine	Ave	1.805	1.754		97200	100000	-2.8	20.0
Benzaldehyde	Ave	1.432	0.9509	0.0100	13300	20000	-33.6*	20.0
Phenol	Ave	2.162	2.174	0.8000	50300	50000	0.5	20.0
Aniline	Ave	2.608	2.498		47900	50000	-4.2	20.0
Bis(2-chloroethyl)ether	Ave	1.639	1.608	0.7000	49000	50000	-1.9	20.0
2-Chlorophenol	Ave	1.443	1.412	0.8000	48900	50000	-2.2	20.0
n-Decane	Ave	2.384	2.219		46500	50000	-6.9	20.0
1,3-Dichlorobenzene	Ave	1.580	1.519		48100	50000	-3.9	20.0
1,4-Dichlorobenzene	Ave	1.597	1.533		48000	50000	-4.0	20.0
Benzyl alcohol	Ave	1.006	1.011		50200	50000	0.4	20.0
1,2-Dichlorobenzene	Ave	1.504	1.490		49500	50000	-1.0	20.0
2-Methylphenol	Ave	1.443	1.407	0.7000	48700	50000	-2.5	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.066	2.836	0.0100	46300	50000	-7.5	20.0
N-Methylaniline	Ave	2.595	2.410		46400	50000	-7.1	20.0
Acetophenone	Ave	2.411	2.304	0.0100	47800	50000	-4.4	20.0
N-Nitrosodi-n-propylamine	Ave	1.216	1.174	0.5000	48300	50000	-3.4	20.0
3 & 4 Methylphenol	Ave	1.672	1.588		47500	50000	-5.0	20.0
4-Methylphenol	Ave	1.672	1.588	0.6000	47500	50000	-5.0	20.0
Hexachloroethane	Ave	0.7026	0.6705	0.3000	47700	50000	-4.6	20.0
Nitrobenzene	Ave	0.7030	0.7081	0.2000	50400	50000	0.7	20.0
n,n'-Dimethylaniline	Ave	2.278	2.331		51200	50000	2.3	20.0
Isophorone	Ave	0.9016	0.8859	0.4000	49100	50000	-1.7	20.0
2-Nitrophenol	Ave	0.1935	0.1878	0.1000	48500	50000	-2.9	20.0
2,4-Dimethylphenol	Ave	0.3368	0.3261	0.2000	48400	50000	-3.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.5501	0.5215	0.3000	47400	50000	-5.2	20.0
Benzoic acid	Lin2		0.2065		45800	50000	-8.4	20.0
2,4-Dichlorophenol	Ave	0.2969	0.2958	0.2000	49800	50000	-0.4	20.0
1,2,4-Trichlorobenzene	Ave	0.3256	0.3201		49200	50000	-1.7	20.0
Naphthalene	Ave	1.095	1.065	0.7000	48700	50000	-2.7	20.0
4-Chloroaniline	Ave	0.4592	0.4406	0.0100	48000	50000	-4.0	20.0
Hexachlorobutadiene	Ave	0.1879	0.1894	0.0100	50400	50000	0.8	20.0
Caprolactam	Qua		0.1112	0.0100	17600	20000	-11.9	20.0
4-Chloro-3-methylphenol	Ave	0.3749	0.3603	0.2000	48100	50000	-3.9	20.0
2-Methylnaphthalene	Ave	0.7280	0.7148	0.4000	49100	50000	-1.8	20.0
1-Methylnaphthalene	Ave	0.6826	0.6581		48200	50000	-3.6	20.0
Hexachlorocyclopentadiene	Ave	0.3977	0.3534	0.0500	44400	50000	-11.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6225	0.6101	0.0100	49000	50000	-2.0	20.0
2-tertbutyl-4-methylphenol	Ave	0.4535	0.4495		49600	50000	-0.9	20.0
2,4,6-Trichlorophenol	Ave	0.4100	0.4062	0.2000	49500	50000	-0.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-774884/2 Calibration Date: 04/29/2021 21:32

Instrument ID: CBNAMS15 Calib Start Date: 04/02/2021 08:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/02/2021 10:57

Lab File ID: f4522810.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4628	0.4457	0.2000	48200	50000	-3.7	20.0
1,1'-Biphenyl	Ave	1.636	1.590	0.0100	48600	50000	-2.8	20.0
2-Chloronaphthalene	Ave	1.243	1.216	0.8000	48900	50000	-2.2	20.0
Phenyl ether	Ave	0.8629	0.8555		49600	50000	-0.9	20.0
2-Nitroaniline	Ave	0.7071	0.6562	0.0100	46400	50000	-7.2	20.0
1,3-Dimethylnaphthalene	Ave	0.9855	1.036		52600	50000	5.1	20.0
Coumarin	Ave	0.2615	0.2581		49300	50000	-1.3	20.0
Dimethyl phthalate	Ave	1.504	1.431	0.0100	47600	50000	-4.9	20.0
2,6-Dinitrotoluene	Ave	0.3211	0.3251	0.2000	50600	50000	1.3	20.0
Acenaphthylene	Ave	1.977	1.948	0.9000	49300	50000	-1.5	20.0
3-Nitroaniline	Ave	0.3773	0.3620	0.0100	48000	50000	-4.0	20.0
Acenaphthene	Ave	1.193	1.140	0.9000	47800	50000	-4.4	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.111	1.096		49300	50000	-1.4	20.0
2,4-Dinitrophenol	Lin2		0.1818	0.0100	89100	100000	-10.9	20.0
4-Nitrophenol	Ave	0.3961	0.3926	0.0100	99100	100000	-0.9	20.0
Dibenzofuran	Ave	1.813	1.753	0.8000	48300	50000	-3.3	20.0
2,4-Dinitrotoluene	Ave	0.4277	0.4368	0.2000	51100	50000	2.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3858	0.3613	0.0100	46800	50000	-6.4	20.0
Diethyl phthalate	Ave	1.566	1.489	0.0100	47500	50000	-4.9	20.0
Fluorene	Ave	1.481	1.394	0.9000	47100	50000	-5.9	20.0
4-Chlorophenyl phenyl ether	Ave	0.6881	0.6537	0.4000	47500	50000	-5.0	20.0
4-Nitroaniline	Ave	0.3687	0.3448	0.0100	46700	50000	-6.5	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1254	0.0100	93400	100000	-6.6	20.0
N-Nitrosodiphenylamine	Ave	0.5821	0.5460	0.0100	46900	50000	-6.2	20.0
1,2-Diphenylhydrazine	Ave	1.107	1.024		46300	50000	-7.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2365	0.2262	0.1000	47800	50000	-4.4	20.0
Hexachlorobenzene	Ave	0.2945	0.2844	0.1000	48300	50000	-3.4	20.0
Atrazine	Ave	0.2222	0.2176	0.0100	19600	20000	-2.1	20.0
Pentachlorophenol	Ave	0.1724	0.1743	0.0500	101000	100000	1.1	20.0
Pentachloronitrobenzene	Ave	0.1140	0.1084	0.0100	47500	50000	-5.0	20.0
n-Octadecane	Ave	0.9072	0.8555		47100	50000	-5.7	20.0
Phenanthrene	Ave	1.168	1.114	0.7000	47700	50000	-4.6	20.0
Anthracene	Ave	1.209	1.151	0.7000	47600	50000	-4.8	20.0
Carbazole	Ave	1.098	1.041	0.0100	47400	50000	-5.2	20.0
Di-n-butyl phthalate	Ave	1.428	1.359	0.0100	47600	50000	-4.8	20.0
Fluoranthene	Ave	1.271	1.240	0.6000	48800	50000	-2.5	20.0
Benzidine	Ave	0.5797	0.6669		57500	50000	15.0	20.0
Pyrene	Ave	1.400	1.288	0.6000	46000	50000	-8.0	20.0
Bisphenol-A	Ave	0.6185	0.5805		46900	50000	-6.1	20.0
Butyl benzyl phthalate	Ave	0.6629	0.6207	0.0100	46800	50000	-6.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-774884/2 Calibration Date: 04/29/2021 21:32

Instrument ID: CBNAMS15 Calib Start Date: 04/02/2021 08:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/02/2021 10:57

Lab File ID: f4522810.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.2271	0.2308		508	500	1.6	20.0
Carbamazepine	Ave	0.6016	0.5739		47700	50000	-4.6	20.0
3,3'-Dichlorobenzidine	Ave	0.5151	0.4980	0.0100	48300	50000	-3.3	20.0
Benzo[a]anthracene	Ave	1.325	1.209	0.8000	45600	50000	-8.8	20.0
Chrysene	Ave	1.322	1.233	0.7000	46600	50000	-6.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9896	0.9283	0.0100	46900	50000	-6.2	20.0
Di-n-octyl phthalate	Ave	1.453	1.518	0.0100	52200	50000	4.5	20.0
Benzo[b]fluoranthene	Ave	1.085	1.158		53300	50000	6.7	20.0
Benzo[k]fluoranthene	Ave	1.206	1.297	0.7000	53800	50000	7.6	20.0
Benzo[a]pyrene	Ave	0.9861	1.185	0.7000	60100	50000	20.2*	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9941	1.091	0.5000	54900	50000	9.8	20.0
Dibenz(a,h)anthracene	Ave	1.061	1.188	0.4000	56000	50000	11.9	20.0
Benzo[g,h,i]perylene	Ave	1.173	1.199	0.5000	51100	50000	2.2	20.0
2-Fluorophenol (Surr)	Ave	1.492	1.401		46900	50000	-6.1	20.0
Phenol-d5 (Surr)	Ave	2.025	1.900		46900	50000	-6.2	20.0
Nitrobenzene-d5 (Surr)	Ave	0.5278	0.4839		45800	50000	-8.3	20.0
2-Fluorobiphenyl	Ave	1.516	1.421		46900	50000	-6.2	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.3302	0.3165		47900	50000	-4.1	20.0
Terphenyl-d14 (Surr)	Ave	1.018	1.010		49600	50000	-0.8	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522810.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 29-Apr-2021 21:32:57 ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127851-002
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 15:02:45 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: khlungprakhons Date: 30-Apr-2021 15:02:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.499	1.499	0.000	95	59015	50.0	46.8	
2 N-Nitrosodimethylamine	74	1.618	1.618	0.000	83	89492	50.0	49.6	
3 Pyridine	79	1.635	1.635	0.000	82	309635	100.0	97.2	
$ 5 2-Fluorophenol	112	2.277	2.277	0.000	87	123604	50.0	46.9	
7 Benzaldehyde	77	2.856	2.856	0.000	87	33567	20.0	13.3	
$ 8 Phenol-d5	99	2.904	2.904	0.000	93	167638	50.0	46.9	
9 Phenol	94	2.915	2.915	0.000	97	191847	50.0	50.3	
10 Aniline	93	2.933	2.933	0.000	57	220411	50.0	47.9	
11 Bis(2-chloroethyl)ether	93	2.983	2.983	0.000	89	141874	50.0	49.0	
12 2-Chlorophenol	128	3.016	3.016	0.000	70	124603	50.0	48.9	
13 n-Decane	43	3.060	3.060	0.000	92	195809	50.0	46.5	
14 1,3-Dichlorobenzene	146	3.128	3.128	0.000	90	134073	50.0	48.1	
* 15 1,4-Dichlorobenzene-d4	152	3.173	3.173	0.000	97	70599	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.185	3.185	0.000	89	135269	50.0	48.0	
17 Benzyl alcohol	108	3.282	3.282	0.000	88	89208	50.0	50.2	
18 1,2-Dichlorobenzene	146	3.297	3.297	0.000	91	131470	50.0	49.5	
19 2-Methylphenol	108	3.368	3.368	0.000	78	124129	50.0	48.7	
20 2,2'-oxybis[1-chloropropane]	45	3.389	3.389	0.000	86	250274	50.0	46.3	a
130 N-Methylaniline	106	3.474	3.474	0.000	93	212694	50.0	46.4	a
21 Acetophenone	105	3.483	3.483	0.000	90	203351	50.0	47.8	
24 N-Nitrosodi-n-propylamine	70	3.489	3.489	0.000	89	103624	50.0	48.3	
22 4-Methylphenol	108	3.492	3.492	0.000	88	140171	50.0	47.5	
23 3 & 4 Methylphenol	108	3.492	3.492	0.000	74	140171	50.0	47.5	
25 Hexachloroethane	117	3.551	3.551	0.000	92	59171	50.0	47.7	
$ 26 Nitrobenzene-d5	82	3.596	3.596	0.000	93	166166	50.0	45.8	
27 Nitrobenzene	123	3.610	3.610	0.000	87	62485	50.0	50.4	
28 n,n'-Dimethylaniline	120	3.613	3.613	0.000	76	205697	50.0	51.2	
29 Isophorone	82	3.800	3.800	0.000	98	304175	50.0	49.1	
30 2-Nitrophenol	139	3.853	3.853	0.000	75	64484	50.0	48.5	
31 2,4-Dimethylphenol	122	3.903	3.903	0.000	87	111981	50.0	48.4	
32 Bis(2-chloroethoxy)methane	93	3.977	3.977	0.000	94	179073	50.0	47.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.015	4.015	0.000	90	70917	50.0	45.8	
34 2,4-Dichlorophenol	162	4.042	4.042	0.000	86	101564	50.0	49.8	
35 1,2,4-Trichlorobenzene	180	4.104	4.104	0.000	90	109915	50.0	49.2	
* 36 Naphthalene-d8	136	4.145	4.145	0.000	99	274693	40.0	40.0	
37 Naphthalene	128	4.160	4.160	0.000	98	365743	50.0	48.7	
38 4-Chloroaniline	127	4.213	4.213	0.000	86	151279	50.0	48.0	
39 Hexachlorobutadiene	225	4.264	4.264	0.000	93	65034	50.0	50.4	
40 Caprolactam	113	4.497	4.497	0.000	87	15275	20.0	17.6	
41 4-Chloro-3-methylphenol	107	4.606	4.606	0.000	91	123713	50.0	48.1	
42 2-Methylnaphthalene	142	4.698	4.698	0.000	80	245431	50.0	49.1	
43 1-Methylnaphthalene	142	4.772	4.772	0.000	89	225969	50.0	48.2	
44 Hexachlorocyclopentadiene	237	4.822	4.822	0.000	87	64687	50.0	44.4	
45 1,2,4,5-Tetrachlorobenzene	216	4.828	4.828	0.000	95	111680	50.0	49.0	
46 2-tertbutyl-4-methylphenol	149	4.878	4.878	0.000	83	154338	50.0	49.6	
47 2,4,6-Trichlorophenol	196	4.923	4.923	0.000	85	74368	50.0	49.5	
48 2,4,5-Trichlorophenol	196	4.952	4.952	0.000	92	81592	50.0	48.2	
$ 50 2-Fluorobiphenyl	172	4.988	4.988	0.000	96	260185	50.0	46.9	
51 1,1'-Biphenyl	154	5.062	5.062	0.000	97	291118	50.0	48.6	
52 2-Chloronaphthalene	162	5.071	5.071	0.000	94	222573	50.0	48.9	
53 Phenyl ether	170	5.145	5.145	0.000	90	156604	50.0	49.6	
54 2-Nitroaniline	65	5.157	5.157	0.000	91	120122	50.0	46.4	
55 1,3-Dimethylnaphthalene	156	5.239	5.239	0.000	89	189642	50.0	52.6	
57 Coumarin	146	5.313	5.313	0.000	73	88619	50.0	49.3	
56 Dimethyl phthalate	163	5.313	5.313	0.000	94	261900	50.0	47.6	
58 2,6-Dinitrotoluene	165	5.352	5.352	0.000	73	59516	50.0	50.6	
59 Acenaphthylene	152	5.381	5.381	0.000	93	356672	50.0	49.3	
60 3-Nitroaniline	138	5.473	5.473	0.000	88	66278	50.0	48.0	
* 61 Acenaphthene-d10	164	5.491	5.491	0.000	96	146452	40.0	40.0	
62 Acenaphthene	154	5.514	5.514	0.000	95	208747	50.0	47.8	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.532	5.532	0.000	96	200623	50.0	49.3	
64 2,4-Dinitrophenol	184	5.559	5.559	0.000	72	66553	100.0	89.1	
65 4-Nitrophenol	65	5.624	5.624	0.000	97	143753	100.0	99.1	
66 Dibenzofuran	168	5.647	5.647	0.000	91	320840	50.0	48.3	
67 2,4-Dinitrotoluene	165	5.653	5.653	0.000	59	79960	50.0	51.1	
68 2,3,4,6-Tetrachlorophenol	232	5.745	5.745	0.000	89	66137	50.0	46.8	
69 Diethyl phthalate	149	5.851	5.851	0.000	97	272560	50.0	47.5	
70 Fluorene	166	5.905	5.905	0.000	81	255139	50.0	47.1	
71 4-Chlorophenyl phenyl ether	204	5.916	5.916	0.000	80	119674	50.0	47.5	
72 4-Nitroaniline	138	5.940	5.940	0.000	59	63114	50.0	46.7	
73 4,6-Dinitro-2-methylphenol	198	5.964	5.964	0.000	59	86070	100.0	93.4	
74 N-Nitrosodiphenylamine	169	6.011	6.011	0.000	18	187358	50.0	46.9	
75 1,2-Diphenylhydrazine	77	6.035	6.035	0.000	46	351318	50.0	46.3	
$ 76 2,4,6-Tribromophenol	330	6.088	6.088	0.000	96	57947	50.0	47.9	
77 4-Bromophenyl phenyl ether	248	6.283	6.283	0.000	83	77609	50.0	47.8	
78 Hexachlorobenzene	284	6.316	6.316	0.000	91	97601	50.0	48.3	
79 Atrazine	200	6.425	6.425	0.000	84	29873	20.0	19.6	
80 Pentachlorophenol	266	6.472	6.472	0.000	87	119599	100.0	101.1	
81 Pentachloronitrobenzene	237	6.478	6.478	0.000	69	37191	50.0	47.5	
82 n-Octadecane	57	6.570	6.570	0.000	91	293568	50.0	47.1	
* 83 Phenanthrene-d10	188	6.606	6.606	0.000	98	274539	40.0	40.0	
84 Phenanthrene	178	6.626	6.626	0.000	99	382249	50.0	47.7	
85 Anthracene	178	6.665	6.665	0.000	97	394876	50.0	47.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.792	6.792	0.000	83	357291	50.0	47.4	
88 Di-n-butyl phthalate	149	7.079	7.079	0.000	99	466452	50.0	47.6	
89 Fluoranthene	202	7.514	7.514	0.000	97	425413	50.0	48.8	
90 Benzidine	184	7.629	7.629	0.000	99	228853	50.0	57.5	
91 Pyrene	202	7.680	7.680	0.000	96	428205	50.0	46.0	
92 Bisphenol-A	213	7.745	7.745	0.000	96	192920	50.0	46.9	
$ 93 Terphenyl-d14	244	7.816	7.816	0.000	98	335556	50.0	49.6	
95 Butyl benzyl phthalate	149	8.200	8.200	0.000	94	206286	50.0	46.8	
96 2,3,7,8-TCDD	320	8.245	8.245	0.000	43	767	0.5000	0.5080	
97 Carbamazepine	193	8.268	8.268	0.000	92	190745	50.0	47.7	
99 3,3'-Dichlorobenzidine	252	8.608	8.608	0.000	85	165508	50.0	48.3	
100 Benzo[a]anthracene	228	8.614	8.614	0.000	100	401681	50.0	45.6	
* 98 Chrysene-d12	240	8.623	8.623	0.000	99	265884	40.0	40.0	
101 Chrysene	228	8.647	8.647	0.000	95	409897	50.0	46.6	
102 Bis(2-ethylhexyl) phthalate	149	8.685	8.685	0.000	87	308516	50.0	46.9	
103 Di-n-octyl phthalate	149	9.289	9.289	0.000	97	535404	50.0	52.2	
104 Benzo[b]fluoranthene	252	9.600	9.600	0.000	98	408535	50.0	53.3	
105 Benzo[k]fluoranthene	252	9.626	9.626	0.000	98	457613	50.0	53.8	
106 Benzo[a]pyrene	252	9.919	9.919	0.000	97	418155	50.0	60.1	
* 107 Perylene-d12	264	9.973	9.973	0.000	97	282191	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.062	11.062	0.000	99	385007	50.0	54.9	M
109 Dibenz(a,h)anthracene	278	11.092	11.092	0.000	95	418881	50.0	56.0	
110 Benzo[g,h,i]perylene	276	11.326	11.326	0.000	96	422866	50.0	51.1	
131 2,6-Dichlorophenol	162	4.216	4.216	0.000	78	98851	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00002 Amount Added: 1.00 Units: mL

Report Date: 30-Apr-2021 15:02:49 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522810.D

Injection Date: 29-Apr-2021 21:32:57 Instrument ID: CBNAMS15 Operator ID:

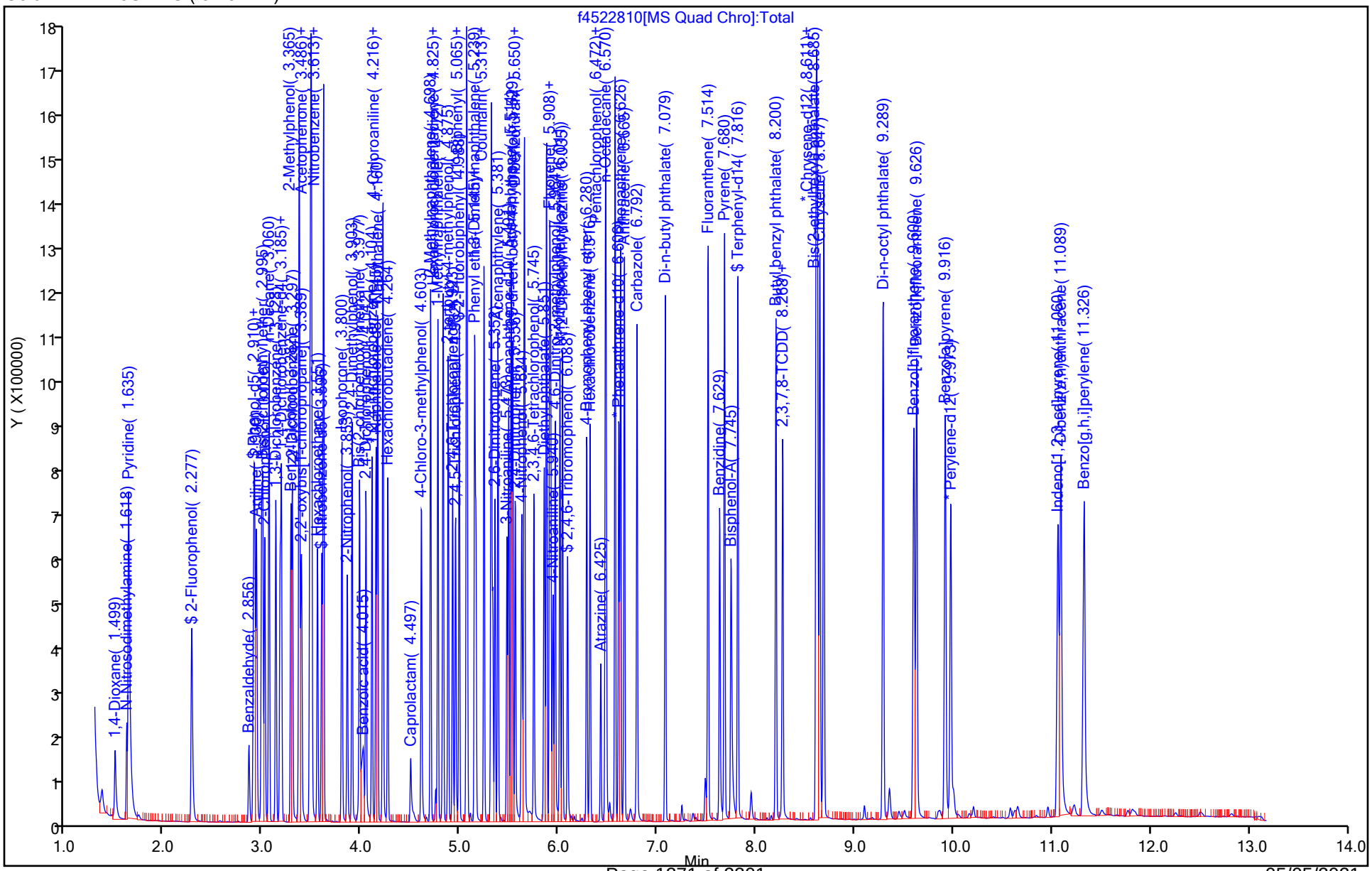
Lims ID: ccvis Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

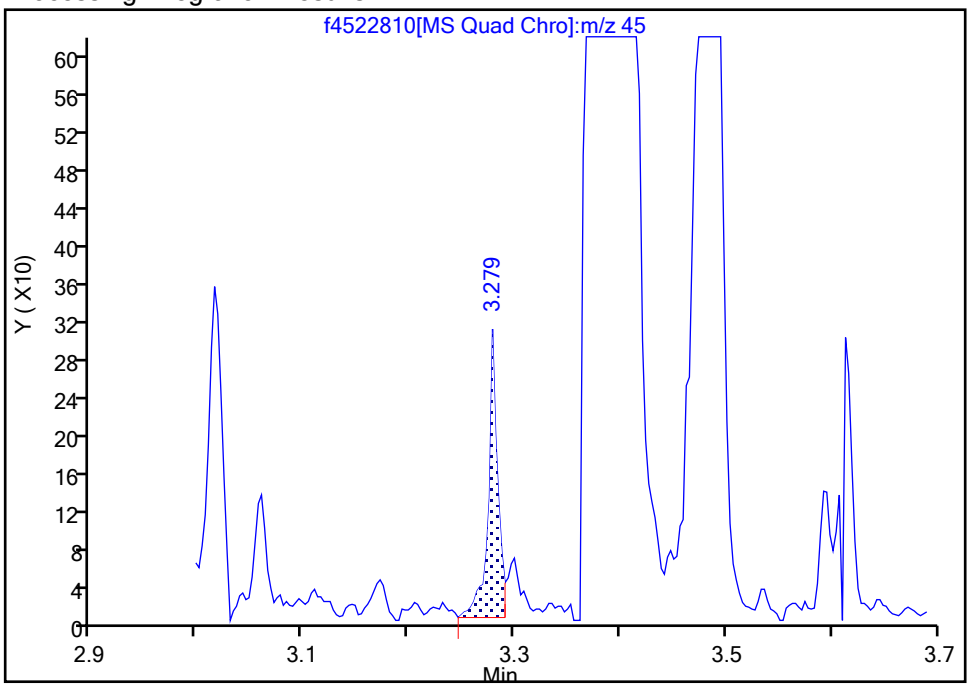
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522810.D				
Injection Date:	29-Apr-2021 21:32:57	Instrument ID:	CBNAMS15		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

20 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

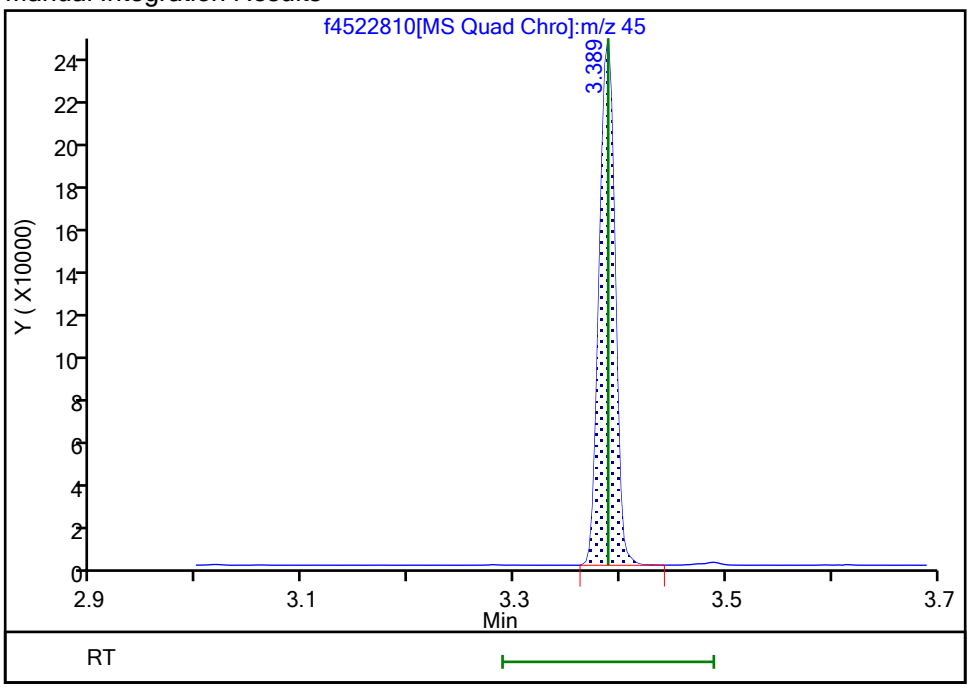
Processing Integration Results

RT: 3.28
Area: 189
Amount: 0.034931
Amount Units: ug/ml



Manual Integration Results

RT: 3.39
Area: 250274
Amount: 46.255168
Amount Units: ug/ml



Reviewer: eisam, 29-Apr-2021 21:53:10
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

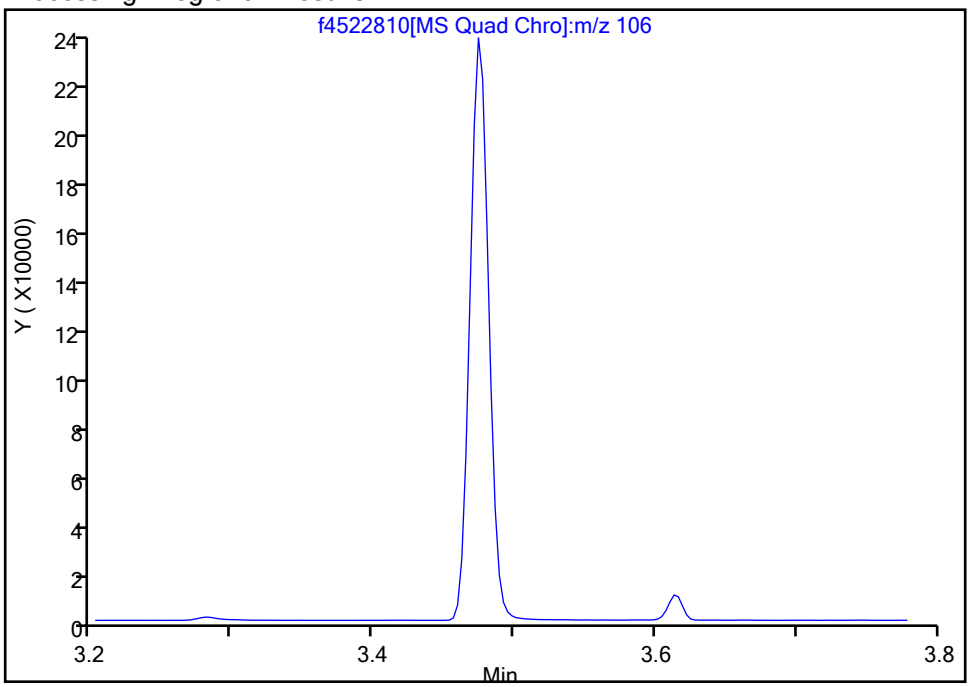
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522810.D				
Injection Date:	29-Apr-2021 21:32:57	Instrument ID:	CBNAMS15		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

130 N-Methylaniline, CAS: 100-61-8

Signal: 1

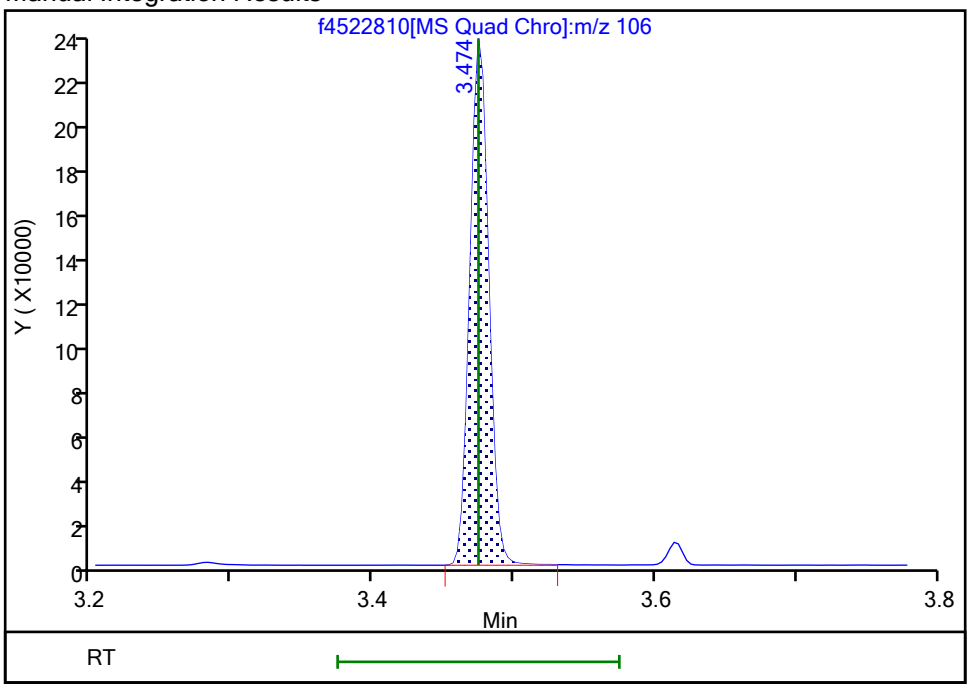
Not Detected
Expected RT: 3.47

Processing Integration Results



Manual Integration Results

RT: 3.47
Area: 212694
Amount: 46.439552
Amount Units: ug/ml



Reviewer: eisam, 29-Apr-2021 21:52:53
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

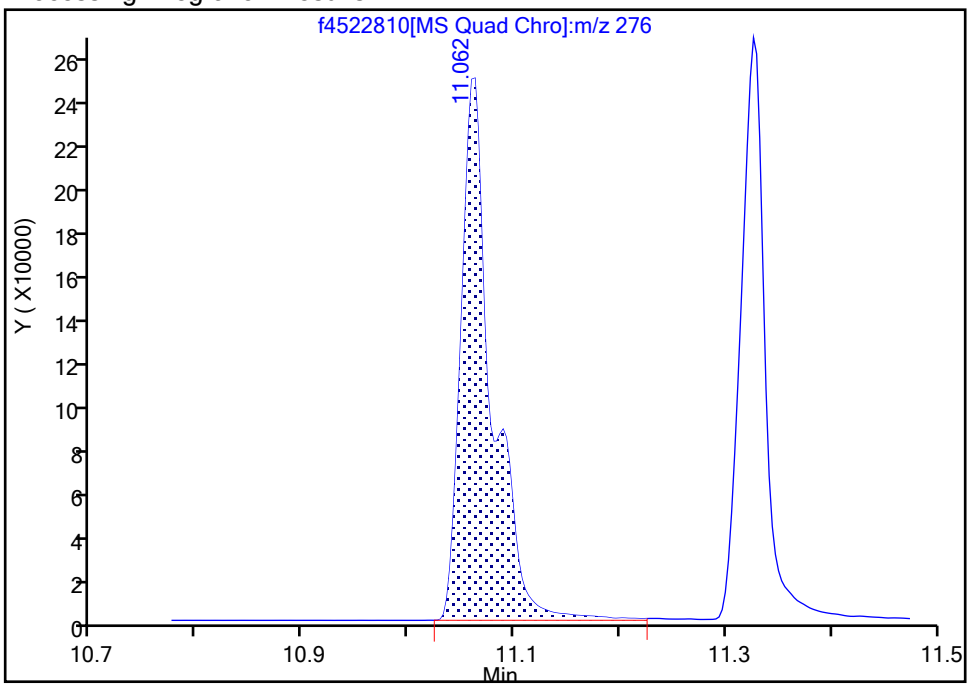
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522810.D				
Injection Date:	29-Apr-2021 21:32:57	Instrument ID:	CBNAMS15		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

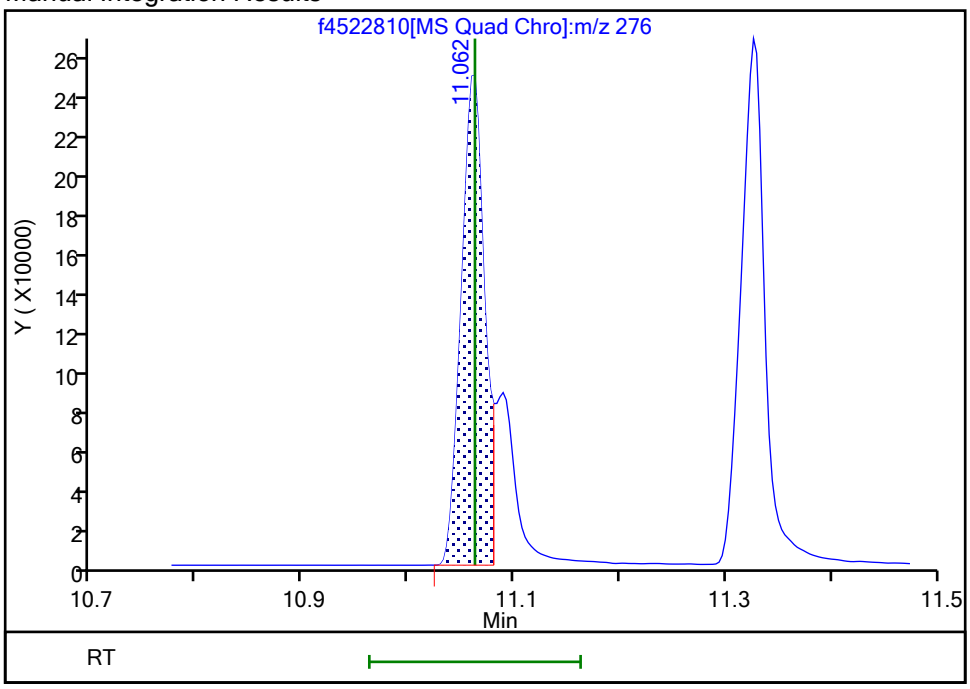
Processing Integration Results

RT: 11.06
Area: 504964
Amount: 71.999917
Amount Units: ug/ml



Manual Integration Results

RT: 11.06
Area: 385007
Amount: 54.895937
Amount Units: ug/ml



Reviewer: eisam, 29-Apr-2021 21:52:35

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522074.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 02-Apr-2021 08:30:39 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126431-001
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Apr-2021 12:14:56 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: johnstonm1 Date: 02-Apr-2021 12:14:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
4 Pentachlorophenol_T	266	2.170	2.170	0.000	91	53915	NR	NR	
6 Benzidine_T	184	2.763	2.763	0.000	99	270541	NR	NR	
121 DFTPP									
122 4,4'-DDE	246	2.834	2.834	0.000	65	641		NR	
123 4,4'-DDD	235	2.970	2.970	0.000	82	949		NR	
124 4,4'-DDT	235	3.088	3.088	0.000	97	126107	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

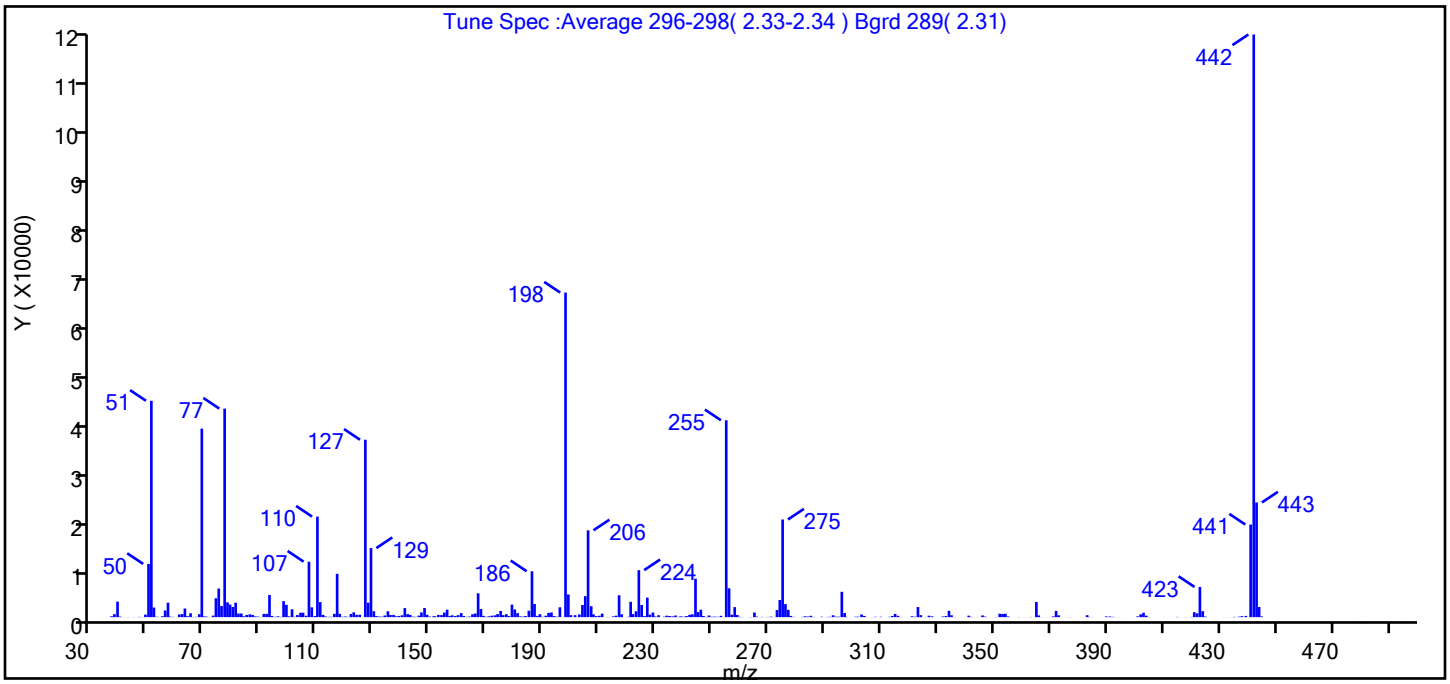
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522074.D
Injection Date: 02-Apr-2021 08:30:39 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.9 (1.5)
69	Present	58.1
70	<2% of m/z 69	0.2 (0.4)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	7.0
365	>1% of m/z 198	4.7
441	<150% of m/z 443	28.5 (80.8)
442	Present	179.5
443	15-24% of m/z 442	35.3 (19.7)

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522074.D\8270_15R_9.rslt\spectra.d
Injection Date: 02-Apr-2021 08:30:39
Spectrum: Tune Spec :Average 296-298(2.33-2.34) Bgrd 289(2.31)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 387

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	170	139.00	237	241.00	221	347.00	103
38.00	590	140.00	367	242.00	469	348.00	6
39.00	3076	141.00	1799	243.00	565	351.00	38
40.00	111	142.00	603	244.00	7637	352.00	678
41.00	23	143.00	453	245.00	1010	353.00	626
43.00	19	144.00	97	246.00	1472	354.00	670
45.00	22	145.00	60	247.00	225	355.00	129
46.00	10	146.00	303	248.00	53	356.00	3
47.00	54	147.00	937	249.00	327	358.00	4
48.00	17	148.00	1818	250.00	76	359.00	31
49.00	510	149.00	466	251.00	92	361.00	7
50.00	10568	150.00	116	252.00	79	362.00	11
51.00	42968	151.00	168	253.00	266	363.00	36
52.00	1905	152.00	166	255.00	39104	365.00	3020
53.00	83	153.00	442	256.00	5725	366.00	343
55.00	181	154.00	411	257.00	492	367.00	23
56.00	1320	155.00	901	258.00	1989	368.00	11
57.00	2870	156.00	1488	259.00	437	369.00	4
58.00	90	157.00	205	260.00	64	371.00	154
59.00	54	158.00	371	261.00	33	372.00	1242
61.00	534	159.00	226	263.00	3	373.00	360
62.00	600	160.00	396	263.00	15	374.00	6
63.00	1714	161.00	807	264.00	32	375.00	6
64.00	192	162.00	221	265.00	921	376.00	8
65.00	763	163.00	57	266.00	117	377.00	28
66.00	37	164.00	119	267.00	8	378.00	1
67.00	56	165.00	572	268.00	49	379.00	11
68.00	575	166.00	724	269.00	11	382.00	2
69.00	37440	167.00	4733	270.00	43	383.00	386
70.00	141	168.00	1607	271.00	100	384.00	57
71.00	95	169.00	255	272.00	23	385.00	15
72.00	23	170.00	78	273.00	1411	388.00	5
73.00	306	171.00	171	274.00	3396	390.00	152

Report Date: 02-Apr-2021 12:14:57 Chrom Revision: 2.3 05-Feb-2021 00:13:28
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522074.D\8270_15R_9.rslt\spectra.d
Injection Date: 02-Apr-2021 08:30:39
Spectrum: Tune Spec :Average 296-298(2.33-2.34) Bgrd 289(2.31)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 387

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	3752	172.00	293	275.00	19392	391.00	125
75.00	5681	173.00	357	276.00	2594	392.00	74
76.00	2210	174.00	606	277.00	1449	393.00	18
77.00	41416	175.00	1232	278.00	244	394.00	1
78.00	2940	176.00	394	279.00	43	395.00	14
79.00	2495	177.00	590	280.00	2	396.00	3
80.00	2024	178.00	215	282.00	45	398.00	2
81.00	2859	179.00	2491	283.00	169	401.00	156
82.00	707	180.00	1523	284.00	130	402.00	556
83.00	725	181.00	800	285.00	264	403.00	873
84.00	173	182.00	147	286.00	42	404.00	292
85.00	435	183.00	92	287.00	4	405.00	25
86.00	554	184.00	215	288.00	10	407.00	3
87.00	441	185.00	1269	289.00	83	410.00	9
88.00	144	186.00	9117	291.00	49	411.00	1
89.00	110	187.00	2606	292.00	58	412.00	2
90.00	27	188.00	247	293.00	372	413.00	6
91.00	641	189.00	580	294.00	99	415.00	6
92.00	652	190.00	60	295.00	88	415.00	48
93.00	4402	191.00	275	296.00	5030	416.00	5
94.00	248	192.00	847	297.00	812	418.00	14
95.00	58	193.00	919	298.00	52	420.00	49
96.00	161	194.00	204	299.00	8	421.00	978
97.00	59	195.00	96	301.00	80	422.00	761
98.00	3171	196.00	1958	302.00	93	423.00	5993
99.00	2450	198.00	64464	303.00	530	424.00	1187
100.00	166	199.00	4497	304.00	242	425.00	111
101.00	1568	200.00	397	305.00	10	426.00	9
102.00	67	201.00	390	307.00	20	429.00	7
103.00	423	203.00	536	308.00	76	430.00	4
104.00	877	204.00	2413	309.00	1	431.00	8
105.00	877	205.00	4168	310.00	72	432.00	12
106.00	284	206.00	17240	311.00	3	433.00	3
107.00	11017	207.00	2172	312.00	3	435.00	16

Report Date: 02-Apr-2021 12:14:57 Chrom Revision: 2.3 05-Feb-2021 00:13:28
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522074.D\8270_15R_9.rslt\spectra.d
Injection Date: 02-Apr-2021 08:30:39
Spectrum: Tune Spec :Average 296-298(2.33-2.34) Bgrd 289(2.31)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 387

m/z	Y	m/z	Y	m/z	Y	m/z	Y
108.00	1947	208.00	542	313.00	74	435.00	55
109.00	219	209.00	207	314.00	230	437.00	97
110.00	19968	210.00	275	315.00	641	438.00	199
111.00	2989	211.00	693	316.00	278	439.00	246
112.00	451	213.00	35	317.00	24	441.00	18392
113.00	138	214.00	3	318.00	6	442.00	115720
114.00	60	215.00	148	319.00	6	443.00	22776
115.00	70	216.00	291	321.00	167	444.00	2022
116.00	658	217.00	4349	322.00	85	445.00	144
117.00	8596	218.00	572	323.00	2004	451.00	10
118.00	659	220.00	56	324.00	392	452.00	1
119.00	80	221.00	3043	325.00	11	454.00	3
120.00	123	222.00	599	326.00	12	456.00	1
121.00	56	223.00	1159	327.00	290	459.00	1
122.00	635	224.00	9336	328.00	170	460.00	2
123.00	962	225.00	2410	329.00	8	463.00	3
124.00	457	226.00	211	332.00	126	466.00	2
125.00	476	227.00	3876	333.00	218	468.00	2
127.00	35232	228.00	496	334.00	1256	470.00	5
128.00	2864	229.00	916	335.00	375	470.00	4
129.00	13714	230.00	135	336.00	29	473.00	4
130.00	1174	231.00	377	337.00	2	479.00	7
131.00	207	233.00	91	338.00	6	480.00	3
132.00	124	234.00	300	340.00	8	482.00	10
133.00	94	235.00	229	340.00	2	484.00	2
134.00	329	236.00	152	341.00	290	487.00	2
135.00	1166	237.00	323	342.00	53	490.00	1
136.00	422	238.00	60	343.00	4	495.00	7
137.00	450	239.00	160	344.00	6	500.00	2
138.00	170	240.00	82	346.00	341		

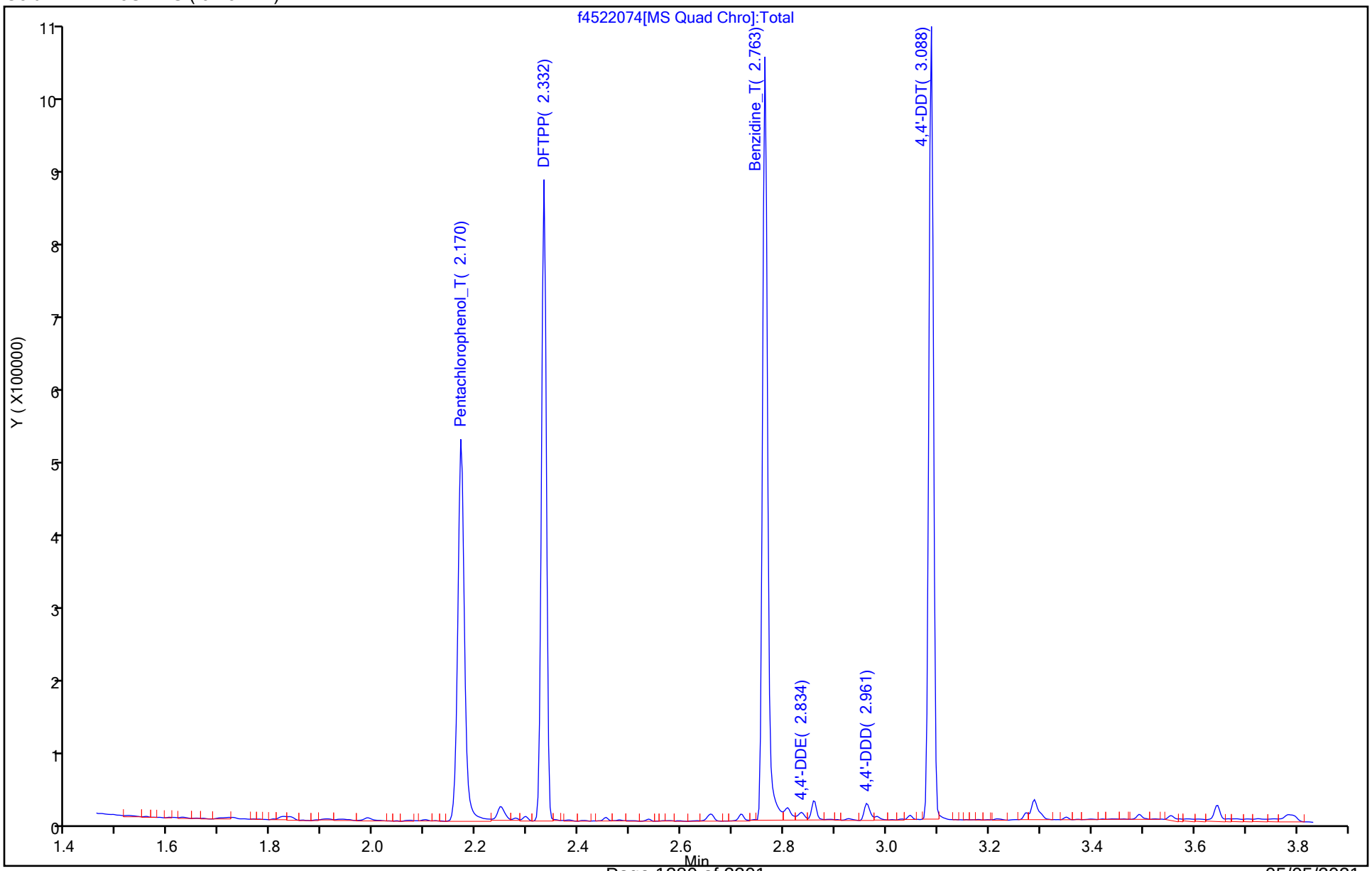
Report Date: 02-Apr-2021 12:14:57 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522074.D

Injection Date:	02-Apr-2021 08:30:39	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	dftpp			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522074.D
Injection Date: 02-Apr-2021 08:30:39 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

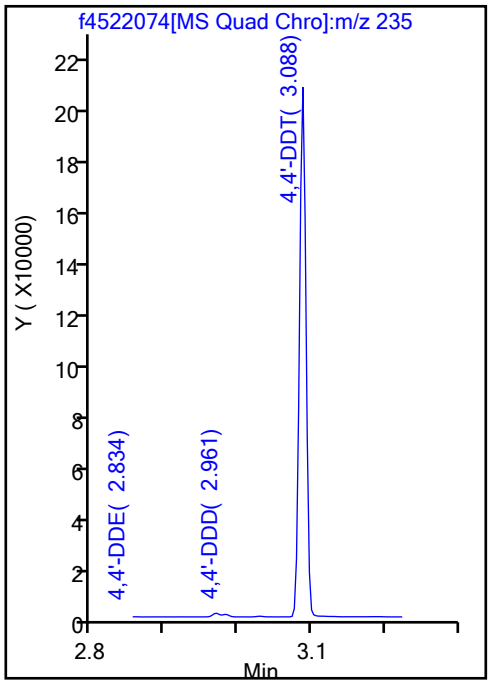
124 4,4'-DDT, Detector: MS Quad

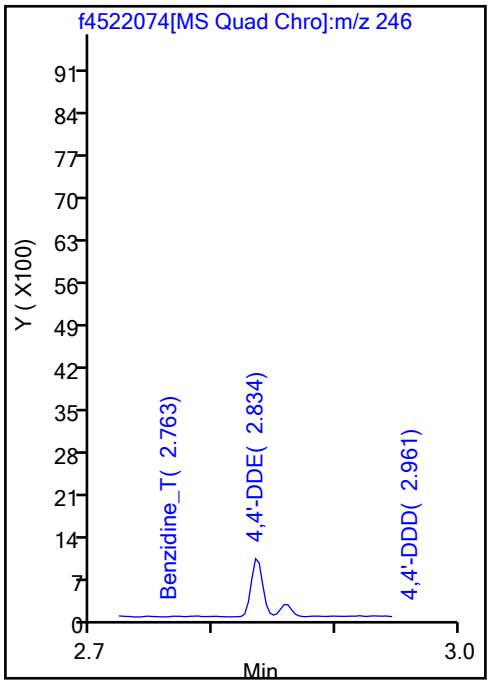
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 126107
123 4,4'-DDD, Area = 949
122 4,4'-DDE, Area = 641

%Breakdown: 1.25%, <= 20.00%
Passed





Peak Tailing Report

Eurofins TestAmerica, Edison

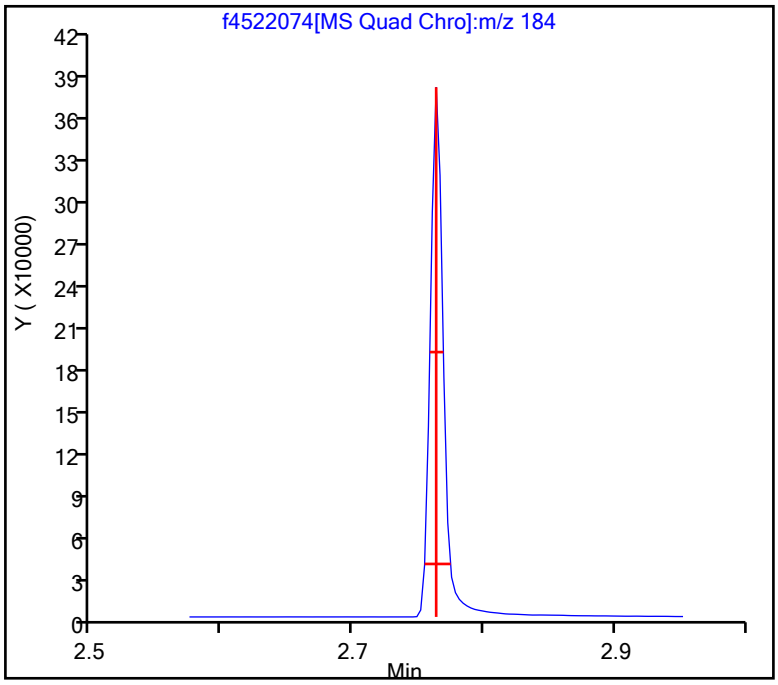
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522074.D
Injection Date: 02-Apr-2021 08:30:39 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

6 Benzidine_T, Detector: MS Quad

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.009 (min.)

Tailing Factor = 1.2, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

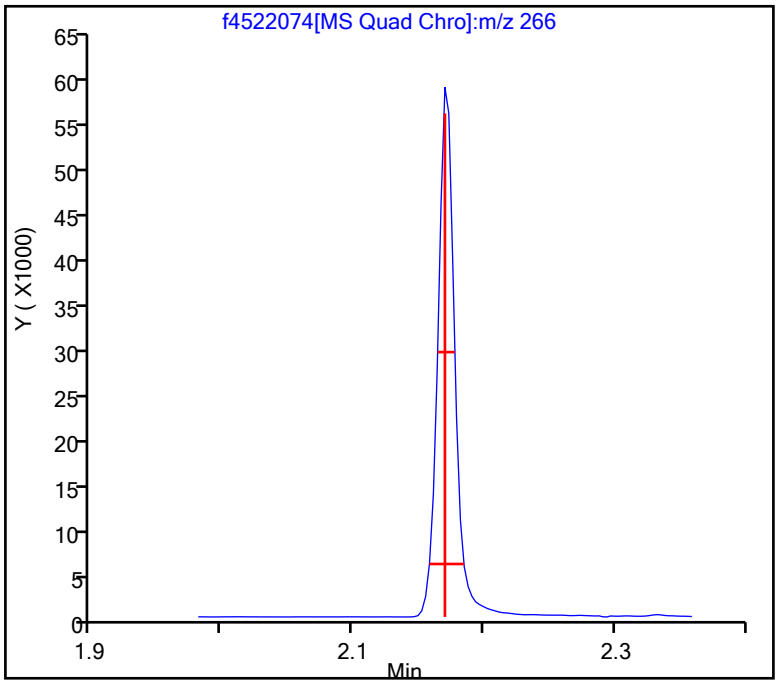
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522074.D
Injection Date: 02-Apr-2021 08:30:39 Instrument ID: CBNAMS15
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

4 Pentachlorophenol_T, Detector: MS Quad

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.012 (min.)

Tailing Factor = 1.3, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774834/1-A

Matrix: Solid Lab File ID: f4522812.D

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 22:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.033	U	0.033	0.0085
95-50-1	1,2-Dichlorobenzene	0.33	U	0.33	0.0056
541-73-1	1,3-Dichlorobenzene	0.33	U	0.33	0.0044
106-46-7	1,4-Dichlorobenzene	0.33	U	0.33	0.013
108-60-1	2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.0060
121-14-2	2,4-Dinitrotoluene	0.067	U	0.067	0.036
606-20-2	2,6-Dinitrotoluene	0.067	U	0.067	0.024
91-58-7	2-Chloronaphthalene	0.33	U	0.33	0.015
91-57-6	2-Methylnaphthalene	0.33	U	0.33	0.0093
88-74-4	2-Nitroaniline	0.33	U	0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	0.13	U	0.13	0.050
99-09-2	3-Nitroaniline	0.33	U	0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	0.33	U	0.33	0.013
106-47-8	4-Chloroaniline	0.33	U	0.33	0.059
7005-72-3	4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012
100-01-6	4-Nitroaniline	0.33	U	0.33	0.038
83-32-9	Acenaphthene	0.33	U	0.33	0.0094
208-96-8	Acenaphthylene	0.33	U	0.33	0.0033
120-12-7	Anthracene	0.33	U	0.33	0.010
56-55-3	Benzo[a]anthracene	0.033	U	0.033	0.012
50-32-8	Benzo[a]pyrene	0.033	U	0.033	0.0088
205-99-2	Benzo[b]fluoranthene	0.033	U	0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	0.33	U	0.33	0.0098
207-08-9	Benzo[k]fluoranthene	0.033	U	0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	0.033	U	0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017
85-68-7	Butyl benzyl phthalate	0.33	U	0.33	0.016
86-74-8	Carbazole	0.33	U	0.33	0.013
218-01-9	Chrysene	0.33	U	0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	0.033	U	0.033	0.014
132-64-9	Dibenzofuran	0.33	U	0.33	0.0046
84-66-2	Diethyl phthalate	0.33	U	0.33	0.0048
131-11-3	Dimethyl phthalate	0.33	U	0.33	0.075

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774834/1-A

Matrix: Solid Lab File ID: f4522812.D

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 22:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.33	U	0.33	0.012
117-84-0	Di-n-octyl phthalate	0.33	U	0.33	0.018
206-44-0	Fluoranthene	0.33	U	0.33	0.012
86-73-7	Fluorene	0.33	U	0.33	0.0045
118-74-1	Hexachlorobenzene	0.033	U	0.033	0.016
87-68-3	Hexachlorobutadiene	0.067	U	0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	0.33	U	0.33	0.029
67-72-1	Hexachloroethane	0.033	U	0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013
78-59-1	Isophorone	0.13	U	0.13	0.096
91-20-3	Naphthalene	0.33	U	0.33	0.0057
98-95-3	Nitrobenzene	0.033	U	0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024
86-30-6	N-Nitrosodiphenylamine	0.33	U	0.33	0.027
85-01-8	Phenanthrene	0.33	U	0.33	0.0058
129-00-0	Pyrene	0.33	U	0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	93		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	92		11-104
1718-51-0	Terphenyl-d14 (Surr)	104		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522812.D
Lims ID: MB 460-774834/1-A
Client ID:
Sample Type: MB
Inject. Date: 29-Apr-2021 22:12:57 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127851-004
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 20:33:59 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: johnstonm1 Date: 30-Apr-2021 09:37:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 5 2-Fluorophenol	112	2.274	2.276	-0.003	86	121448	50.0	47.1	
$ 8 Phenol-d5	99	2.894	2.902	-0.010	99	157635	50.0	45.1	
13 n-Decane	43	3.048	3.059	-0.012	84	2643		0.6419	
* 15 1,4-Dichlorobenzene-d4	152	3.163	3.173	-0.010	98	69082	40.0	40.0	
$ 26 Nitrobenzene-d5	82	3.582	3.591	-0.014	93	158026	50.0	46.0	
* 36 Naphthalene-d8	136	4.135	4.145	-0.010	99	260427	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	4.980	4.982	-0.008	96	241260	50.0	46.6	
49 2-Toluidine	107	4.980	4.997	-0.019	23	3925		NC	
* 61 Acenaphthene-d10	164	5.482	5.491	-0.009	97	136535	40.0	40.0	
$ 76 2,4,6-Tribromophenol	330	6.081	6.081	-0.007	96	54087	50.0	48.0	
* 83 Phenanthrene-d10	188	6.598	6.606	-0.008	99	265823	40.0	40.0	
$ 93 Terphenyl-d14	244	7.809	7.811	-0.007	98	331344	50.0	52.0	
* 98 Chrysene-d12	240	8.613	8.623	-0.010	99	250670	40.0	40.0	
* 107 Perylene-d12	264	9.961	9.973	-0.012	98	264715	40.0	40.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-Apr-2021 09:37:20 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522812.D

Injection Date: 29-Apr-2021 22:12:57 Instrument ID: CBNAMS15 Operator ID:

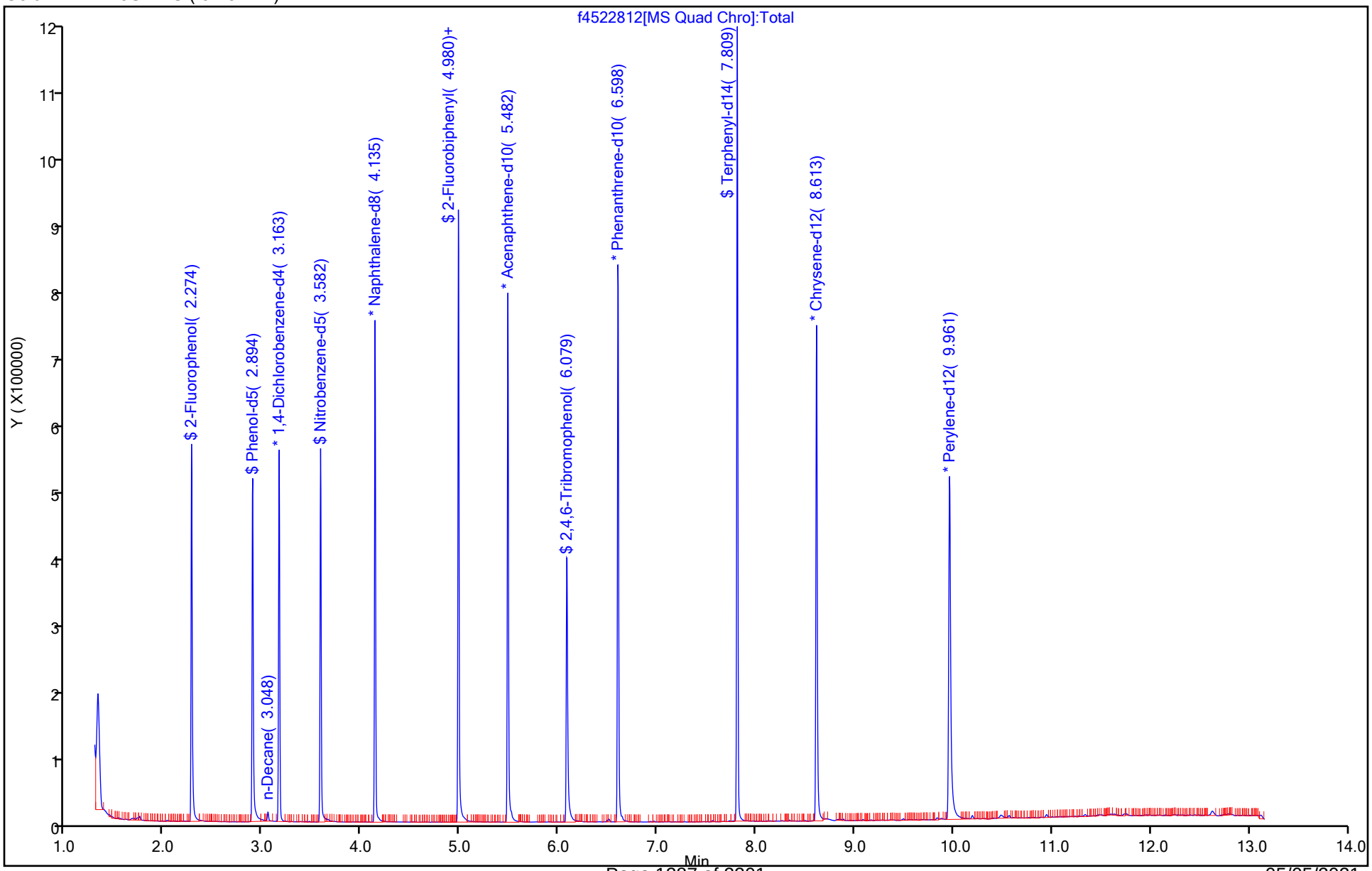
Lims ID: MB 460-774834/1-A Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774834/2-A

Matrix: Solid Lab File ID: f4522813.D

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 22:30

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.73		0.033	0.0085
95-50-1	1,2-Dichlorobenzene	2.61		0.33	0.0056
541-73-1	1,3-Dichlorobenzene	2.47		0.33	0.0044
106-46-7	1,4-Dichlorobenzene	2.50		0.33	0.013
108-60-1	2,2'-oxybis[1-chloropropane]	2.53		0.33	0.0060
121-14-2	2,4-Dinitrotoluene	3.33		0.067	0.036
606-20-2	2,6-Dinitrotoluene	3.15		0.067	0.024
91-58-7	2-Chloronaphthalene	2.90		0.33	0.015
91-57-6	2-Methylnaphthalene	2.85		0.33	0.0093
88-74-4	2-Nitroaniline	2.93		0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	3.05		0.13	0.050
99-09-2	3-Nitroaniline	2.94		0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	3.01		0.33	0.013
106-47-8	4-Chloroaniline	2.69		0.33	0.059
7005-72-3	4-Chlorophenyl phenyl ether	2.98		0.33	0.012
100-01-6	4-Nitroaniline	3.05		0.33	0.038
83-32-9	Acenaphthene	2.96		0.33	0.0094
208-96-8	Acenaphthylene	2.97		0.33	0.0033
120-12-7	Anthracene	3.02		0.33	0.010
56-55-3	Benzo[a]anthracene	2.98		0.033	0.012
50-32-8	Benzo[a]pyrene	3.78		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	3.62		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	3.29		0.33	0.0098
207-08-9	Benzo[k]fluoranthene	3.40		0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	2.79		0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	2.75		0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	3.07		0.33	0.017
85-68-7	Butyl benzyl phthalate	3.09		0.33	0.016
86-74-8	Carbazole	3.12		0.33	0.013
218-01-9	Chrysene	3.05		0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	3.68		0.033	0.014
132-64-9	Dibenzofuran	3.02		0.33	0.0046
84-66-2	Diethyl phthalate	3.09		0.33	0.0048
131-11-3	Dimethyl phthalate	3.03		0.33	0.075

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774834/2-A

Matrix: Solid Lab File ID: f4522813.D

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 22:30

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	3.10		0.33	0.012
117-84-0	Di-n-octyl phthalate	3.40		0.33	0.018
206-44-0	Fluoranthene	3.12		0.33	0.012
86-73-7	Fluorene	3.01		0.33	0.0045
118-74-1	Hexachlorobenzene	3.02		0.033	0.016
87-68-3	Hexachlorobutadiene	2.72		0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	2.31		0.33	0.029
67-72-1	Hexachloroethane	2.47		0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	3.61		0.033	0.013
78-59-1	Isophorone	2.84		0.13	0.096
91-20-3	Naphthalene	2.76		0.33	0.0057
98-95-3	Nitrobenzene	2.87		0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	2.80		0.033	0.024
86-30-6	N-Nitrosodiphenylamine	2.99		0.33	0.027
85-01-8	Phenanthrene	3.00		0.33	0.0058
129-00-0	Pyrene	3.00		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	83		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	79		11-104
1718-51-0	Terphenyl-d14 (Surr)	98		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522813.D
Lims ID: LCS 460-774834/2-A
Client ID:
Sample Type: LCS
Inject. Date: 29-Apr-2021 22:30:11 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127851-005
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 15:03:51 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: eisam Date: 29-Apr-2021 23:26:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.493	1.495	-0.006	84	26534	50.0	20.0	
2 N-Nitrosodimethylamine	74	1.611	1.618	-0.007	84	72583	50.0	38.2	
3 Pyridine	79	1.629	1.630	-0.006	83	172149	100.0	51.4	
$ 5 2-Fluorophenol	112	2.270	2.277	-0.007	87	112451	50.0	40.6	
7 Benzaldehyde	77	2.844	2.856	-0.012	88	55032	20.0	20.7	E
$ 8 Phenol-d5	99	2.894	2.904	-0.010	99	155787	50.0	41.4	
9 Phenol	94	2.906	2.907	-0.009	97	176177	50.0	43.9	
10 Aniline	93	2.920	2.924	-0.013	65	181762	50.0	37.5	
11 Bis(2-chloroethyl)ether	93	2.971	2.974	-0.012	89	125433	50.0	41.2	
12 2-Chlorophenol	128	3.006	3.007	-0.010	82	112778	50.0	42.1	
13 n-Decane	43	3.047	3.060	-0.013	92	139099	50.0	31.4	
14 1,3-Dichlorobenzene	146	3.118	3.119	-0.010	90	108728	50.0	37.0	
* 15 1,4-Dichlorobenzene-d4	152	3.160	3.173	-0.013	97	74307	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.175	3.175	-0.010	80	111130	50.0	37.5	
17 Benzyl alcohol	108	3.272	3.272	-0.010	88	83281	50.0	44.5	
18 1,2-Dichlorobenzene	146	3.287	3.287	-0.010	90	109482	50.0	39.2	
19 2-Methylphenol	108	3.361	3.358	-0.007	84	114042	50.0	42.5	
20 2,2'-oxybis[1-chloropropane]	45	3.376	3.378	-0.013	92	216121	50.0	37.9	a
130 N-Methylaniline	106	3.464	3.474	-0.010	93	182523	50.0	37.9	a
21 Acetophenone	105	3.473	3.473	-0.010	87	176839	50.0	39.5	
24 N-Nitrosodi-n-propylamine	70	3.479	3.489	-0.010	82	94975	50.0	42.1	
22 4-Methylphenol	108	3.482	3.481	-0.010	82	130682	50.0	42.1	
23 3 & 4 Methylphenol	108	3.482	3.481	-0.010	74	130682	50.0	42.1	
25 Hexachloroethane	117	3.541	3.540	-0.010	91	48344	50.0	37.0	
$ 26 Nitrobenzene-d5	82	3.585	3.596	-0.011	93	148382	50.0	39.3	
27 Nitrobenzene	123	3.600	3.601	-0.010	87	56197	50.0	43.0	
28 n,n'-Dimethylaniline	120	3.603	3.602	-0.010	73	172830	50.0	40.8	
29 Isophorone	82	3.789	3.800	-0.011	98	274563	50.0	42.6	
30 2-Nitrophenol	139	3.843	3.843	-0.010	74	58195	50.0	42.1	
31 2,4-Dimethylphenol	122	3.893	3.893	-0.010	87	108665	50.0	45.2	
32 Bis(2-chloroethoxy)methane	93	3.967	3.967	-0.010	95	164287	50.0	41.8	
33 Benzoic acid	122	4.005	4.005	-0.010	92	72100	50.0	44.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	4.035	4.032	-0.007	90	96549	50.0	45.5	
35 1,2,4-Trichlorobenzene	180	4.094	4.094	-0.010	93	95277	50.0	41.0	
* 36 Naphthalene-d8	136	4.135	4.145	-0.010	99	285811	40.0	40.0	
37 Naphthalene	128	4.153	4.150	-0.007	97	324158	50.0	41.4	
38 4-Chloroaniline	127	4.203	4.203	-0.010	86	132455	50.0	40.4	
39 Hexachlorobutadiene	225	4.256	4.253	-0.008	94	54847	50.0	40.8	
40 Caprolactam	113	4.490	4.486	-0.007	86	17761	20.0	19.2	
41 4-Chloro-3-methylphenol	107	4.596	4.595	-0.010	94	121899	50.0	45.5	
42 2-Methylnaphthalene	142	4.691	4.686	-0.007	80	222357	50.0	42.7	
43 1-Methylnaphthalene	142	4.765	4.760	-0.007	89	204839	50.0	42.0	
44 Hexachlorocyclopentadiene	237	4.812	4.815	-0.010	85	52502	50.0	34.7	
45 1,2,4,5-Tetrachlorobenzene	216	4.818	4.821	-0.010	95	100292	50.0	42.4	
46 2-tertbutyl-4-methylphenol	149	4.868	4.866	-0.010	82	143988	50.0	44.4	
47 2,4,6-Trichlorophenol	196	4.915	4.915	-0.008	85	72049	50.0	46.2	
48 2,4,5-Trichlorophenol	196	4.945	4.945	-0.007	91	79566	50.0	45.2	
$ 50 2-Fluorobiphenyl	172	4.980	4.988	-0.008	97	238316	50.0	41.3	
51 1,1'-Biphenyl	154	5.054	5.062	-0.008	96	275408	50.0	44.3	
52 2-Chloronaphthalene	162	5.060	5.063	-0.011	92	205403	50.0	43.5	
53 Phenyl ether	170	5.137	5.137	-0.008	87	139488	50.0	42.5	
54 2-Nitroaniline	65	5.149	5.149	-0.008	91	118100	50.0	43.9	
55 1,3-Dimethylnaphthalene	156	5.232	5.231	-0.007	88	168589	50.0	45.0	
57 Coumarin	146	5.306	5.300	-0.007	67	83528	50.0	44.7	
56 Dimethyl phthalate	163	5.306	5.305	-0.007	94	259948	50.0	45.4	
58 2,6-Dinitrotoluene	165	5.344	5.344	-0.008	69	57761	50.0	47.3	
59 Acenaphthylene	152	5.374	5.373	-0.007	85	335194	50.0	44.6	
60 3-Nitroaniline	138	5.465	5.465	-0.008	88	63326	50.0	44.1	
* 61 Acenaphthene-d10	164	5.483	5.491	-0.008	96	152132	40.0	40.0	
62 Acenaphthene	154	5.507	5.514	-0.007	95	201662	50.0	44.5	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.521	5.524	-0.011	94	183177	50.0	43.3	
64 2,4-Dinitrophenol	184	5.548	5.550	-0.011	73	66140	100.0	85.4	
65 4-Nitrophenol	65	5.616	5.615	-0.008	96	150606	100.0	100.0	
66 Dibenzofuran	168	5.640	5.639	-0.007	91	312260	50.0	45.3	
67 2,4-Dinitrotoluene	165	5.646	5.645	-0.007	62	81305	50.0	50.0	
68 2,3,4,6-Tetrachlorophenol	232	5.737	5.736	-0.008	90	68415	50.0	46.6	
69 Diethyl phthalate	149	5.844	5.843	-0.007	96	276291	50.0	46.4	
70 Fluorene	166	5.897	5.896	-0.008	80	254274	50.0	45.2	
71 4-Chlorophenyl phenyl ether	204	5.909	5.907	-0.007	81	116813	50.0	44.6	
72 4-Nitroaniline	138	5.932	5.931	-0.008	59	64167	50.0	45.8	
73 4,6-Dinitro-2-methylphenol	198	5.956	5.957	-0.008	59	86951	100.0	88.9	
74 N-Nitrosodiphenylamine	169	6.003	6.011	-0.008	29	190494	50.0	44.9	
75 1,2-Diphenylhydrazine	77	6.027	6.035	-0.008	50	352595	50.0	43.7	
$ 76 2,4,6-Tribromophenol	330	6.080	6.088	-0.008	96	57942	50.0	46.1	
77 4-Bromophenyl phenyl ether	248	6.275	6.276	-0.008	83	77706	50.0	45.1	
78 Hexachlorobenzene	284	6.308	6.308	-0.008	95	97213	50.0	45.3	
79 Atrazine	200	6.417	6.418	-0.008	83	43410	20.0	26.8	
80 Pentachlorophenol	266	6.465	6.465	-0.007	90	123451	100.0	98.3	
81 Pentachloronitrobenzene	237	6.471	6.471	-0.007	68	37586	50.0	45.2	
82 n-Octadecane	57	6.562	6.562	-0.008	91	289272	50.0	43.8	
* 83 Phenanthrene-d10	188	6.598	6.606	-0.008	96	291469	40.0	40.0	
84 Phenanthrene	178	6.618	6.626	-0.008	99	383253	50.0	45.0	
85 Anthracene	178	6.657	6.665	-0.008	97	398572	50.0	45.3	
87 Carbazole	167	6.784	6.784	-0.008	83	373755	50.0	46.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Di-n-butyl phthalate	149	7.071	7.071	-0.008	99	484414	50.0	46.6	
89 Fluoranthene	202	7.505	7.505	-0.009	97	432880	50.0	46.7	
90 Benzidine	184	7.620	7.629	-0.009	99	199946	50.0	47.3	
91 Pyrene	202	7.670	7.670	-0.010	96	441115	50.0	44.9	
92 Bisphenol-A	213	7.738	7.745	-0.007	97	85270	25.0	19.7	
$ 93 Terphenyl-d14	244	7.806	7.816	-0.010	98	350143	50.0	49.1	
95 Butyl benzyl phthalate	149	8.191	8.190	-0.009	95	215500	50.0	46.4	
97 Carbamazepine	193	8.259	8.258	-0.009	90	184296	50.0	43.7	
99 3,3'-Dichlorobenzidine	252	8.596	8.598	-0.012	91	165101	50.0	45.7	
100 Benzo[a]anthracene	228	8.605	8.614	-0.009	100	415749	50.0	44.7	
* 98 Chrysene-d12	240	8.614	8.623	-0.009	99	280478	40.0	40.0	
101 Chrysene	228	8.634	8.647	-0.013	95	424577	50.0	45.8	
102 Bis(2-ethylhexyl) phthalate	149	8.676	8.675	-0.009	88	319864	50.0	46.1	
103 Di-n-octyl phthalate	149	9.273	9.278	-0.016	96	555080	50.0	51.0	
104 Benzo[b]fluoranthene	252	9.584	9.588	-0.016	97	441116	50.0	54.3	
105 Benzo[k]fluoranthene	252	9.614	9.615	-0.012	95	460493	50.0	51.0	
106 Benzo[a]pyrene	252	9.901	9.919	-0.018	96	419098	50.0	56.8	
* 107 Perylene-d12	264	9.957	9.973	-0.016	98	299431	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.040	11.049	-0.022	96	403001	50.0	54.2	M
109 Dibenz(a,h)anthracene	278	11.070	11.079	-0.022	95	437989	50.0	55.2	
110 Benzo[g,h,i]perylene	276	11.307	11.313	-0.019	94	433527	50.0	49.4	
131 2,6-Dichlorophenol	162	4.206	4.216	-0.010	74	92717	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-Apr-2021 15:04:48 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522813.D

Injection Date: 29-Apr-2021 22:30:11 Instrument ID: CBNAMS15 Operator ID:

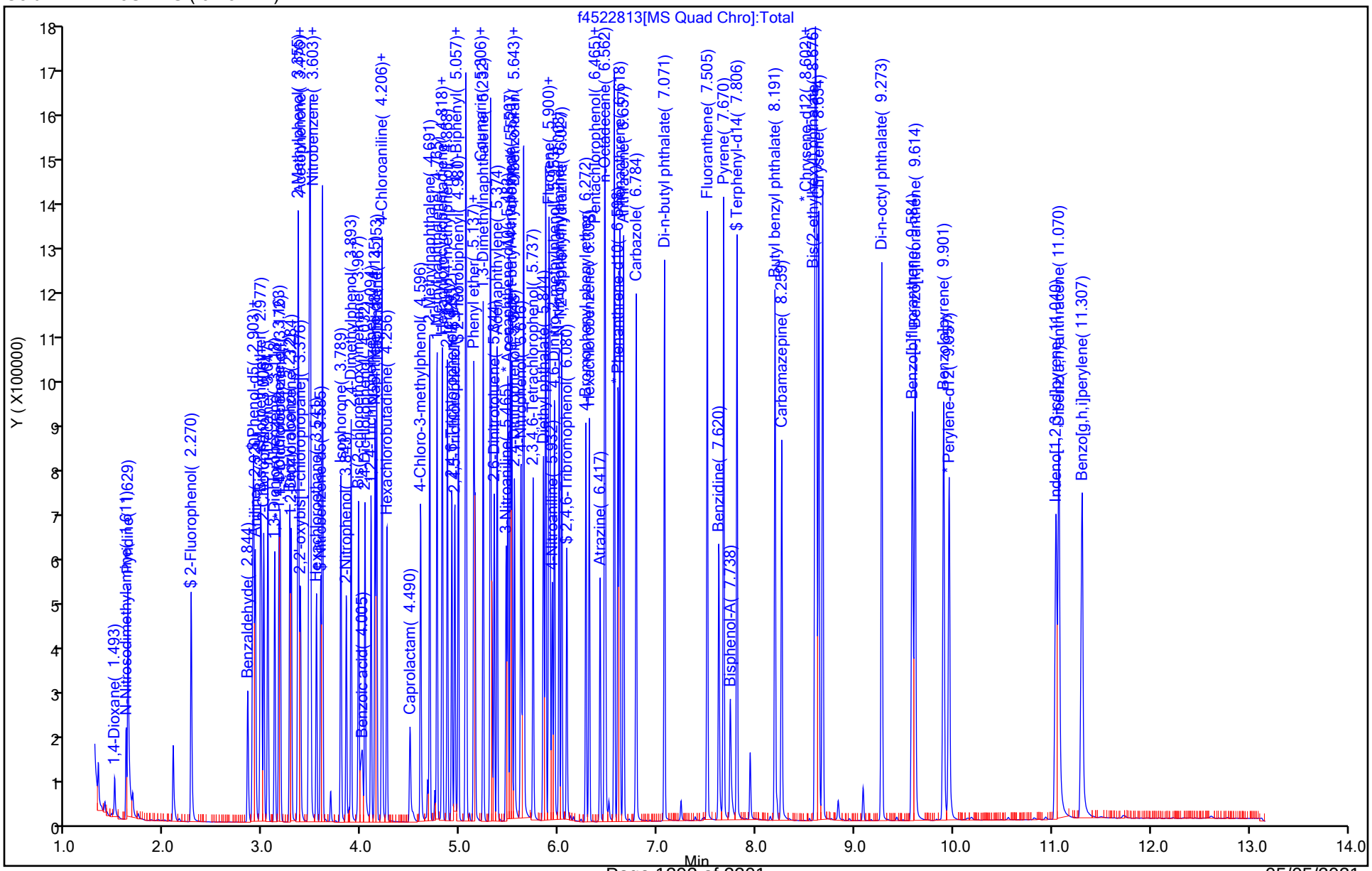
Lims ID: LCS 460-774834/2-A Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

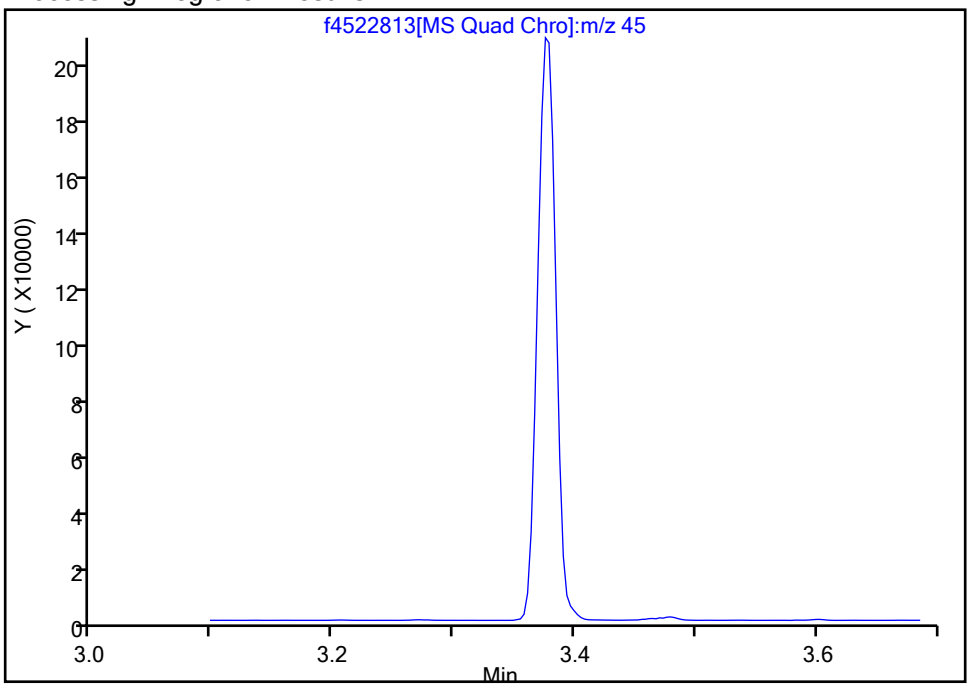
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522813.D				
Injection Date:	29-Apr-2021 22:30:11	Instrument ID:	CBNAMS15		
Lims ID:	LCS 460-774834/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

20 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

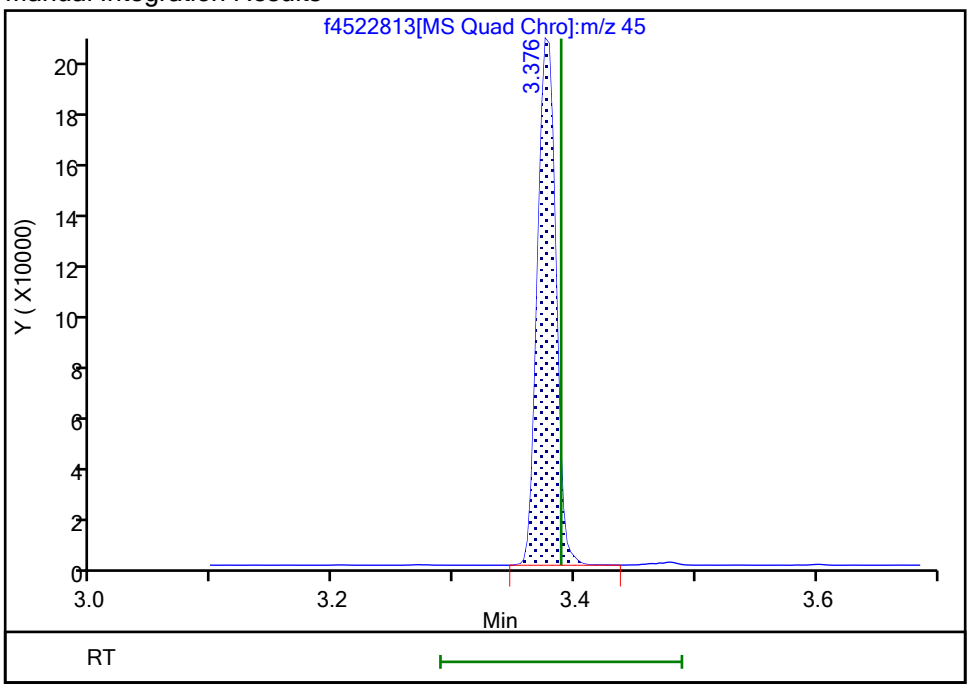
Not Detected
Expected RT: 3.39

Processing Integration Results



Manual Integration Results

RT: 3.38
Area: 216121
Amount: 37.949872
Amount Units: ug/ml



Reviewer: eisam, 29-Apr-2021 23:24:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

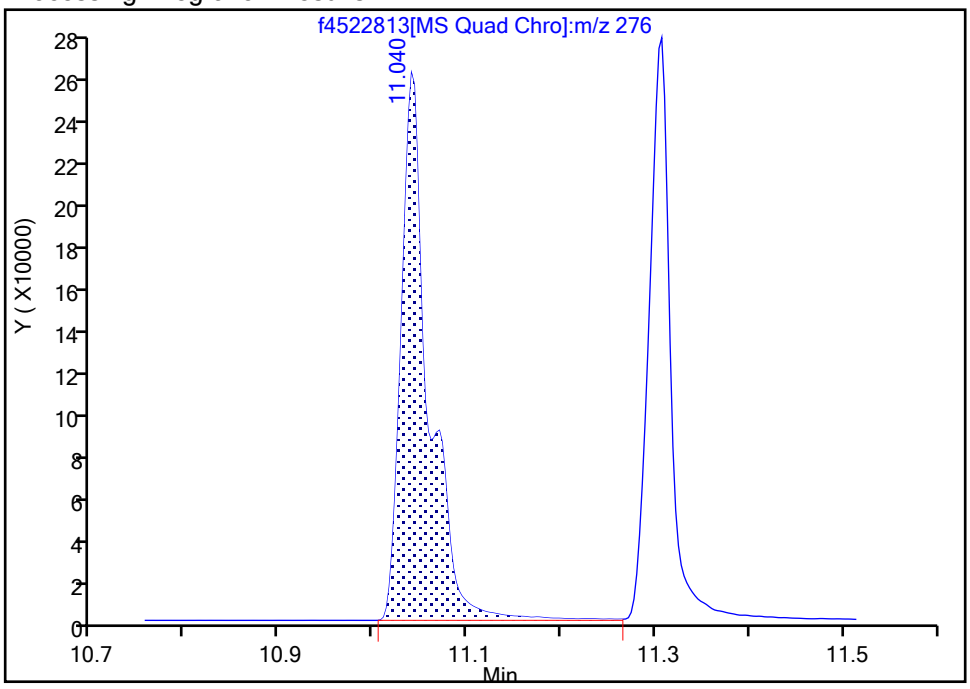
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522813.D				
Injection Date:	29-Apr-2021 22:30:11	Instrument ID:	CBNAMS15		
Lims ID:	LCS 460-774834/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

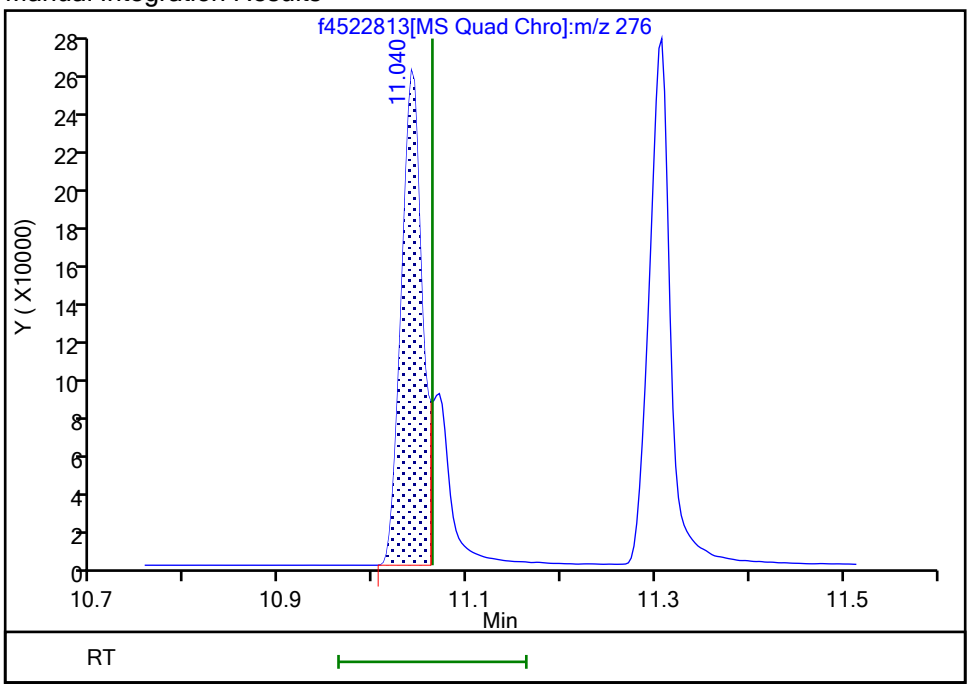
Processing Integration Results

RT: 11.04
Area: 527543
Amount: 70.888508
Amount Units: ug/ml



Manual Integration Results

RT: 11.04
Area: 403001
Amount: 54.153197
Amount Units: ug/ml



Reviewer: eisam, 29-Apr-2021 23:25:10

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774834/3-A

Matrix: Solid Lab File ID: f4522814.D

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 22:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.97		0.033	0.0085
95-50-1	1,2-Dichlorobenzene	2.92		0.33	0.0056
541-73-1	1,3-Dichlorobenzene	2.81		0.33	0.0044
106-46-7	1,4-Dichlorobenzene	2.86		0.33	0.013
108-60-1	2,2'-oxybis[1-chloropropane]	2.76		0.33	0.0060
121-14-2	2,4-Dinitrotoluene	3.31		0.067	0.036
606-20-2	2,6-Dinitrotoluene	3.21		0.067	0.024
91-58-7	2-Chloronaphthalene	3.00		0.33	0.015
91-57-6	2-Methylnaphthalene	3.03		0.33	0.0093
88-74-4	2-Nitroaniline	3.00		0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	3.01		0.13	0.050
99-09-2	3-Nitroaniline	2.83		0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	3.04		0.33	0.013
106-47-8	4-Chloroaniline	2.59		0.33	0.059
7005-72-3	4-Chlorophenyl phenyl ether	3.00		0.33	0.012
100-01-6	4-Nitroaniline	3.13		0.33	0.038
83-32-9	Acenaphthene	3.00		0.33	0.0094
208-96-8	Acenaphthylene	3.05		0.33	0.0033
120-12-7	Anthracene	3.09		0.33	0.010
56-55-3	Benzo[a]anthracene	3.02		0.033	0.012
50-32-8	Benzo[a]pyrene	3.89		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	3.67		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	3.43		0.33	0.0098
207-08-9	Benzo[k]fluoranthene	3.55		0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	2.91		0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	3.01		0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	3.12		0.33	0.017
85-68-7	Butyl benzyl phthalate	3.13		0.33	0.016
86-74-8	Carbazole	3.18		0.33	0.013
218-01-9	Chrysene	3.11		0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	3.78		0.033	0.014
132-64-9	Dibenzofuran	3.04		0.33	0.0046
84-66-2	Diethyl phthalate	3.10		0.33	0.0048
131-11-3	Dimethyl phthalate	3.04		0.33	0.075

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774834/3-A

Matrix: Solid Lab File ID: f4522814.D

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 04/29/2021 16:29

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 22:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774884 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	3.16		0.33	0.012
117-84-0	Di-n-octyl phthalate	3.48		0.33	0.018
206-44-0	Fluoranthene	3.19		0.33	0.012
86-73-7	Fluorene	3.03		0.33	0.0045
118-74-1	Hexachlorobenzene	3.05		0.033	0.016
87-68-3	Hexachlorobutadiene	3.04		0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	2.43		0.33	0.029
67-72-1	Hexachloroethane	2.80		0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	3.64		0.033	0.013
78-59-1	Isophorone	2.99		0.13	0.096
91-20-3	Naphthalene	2.97		0.33	0.0057
98-95-3	Nitrobenzene	3.12		0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	2.97		0.033	0.024
86-30-6	N-Nitrosodiphenylamine	3.02		0.33	0.027
85-01-8	Phenanthrene	3.06		0.33	0.0058
129-00-0	Pyrene	3.03		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	83		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	84		11-104
1718-51-0	Terphenyl-d14 (Surr)	97		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522814.D
Lims ID: LCSD 460-774834/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 29-Apr-2021 22:47:23 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127851-006
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 15:06:53 Calib Date: 02-Apr-2021 10:57:12
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20210402-126431.b\f4522083.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: khlungprakhons Date: 30-Apr-2021 15:06:53

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.496	1.495	-0.003	94	31452	50.0	25.4	
	2 N-Nitrosodimethylamine	74	1.611	1.618	-0.007	85	76352	50.0	43.0	
	3 Pyridine	79	1.632	1.630	-0.003	83	193901	100.0	61.9	
$	5 2-Fluorophenol	112	2.271	2.277	-0.006	87	110873	50.0	42.8	
	7 Benzaldehyde	77	2.841	2.856	-0.015	87	59242	20.0	23.8	E
$	8 Phenol-d5	99	2.894	2.904	-0.010	99	149372	50.0	42.5	
	9 Phenol	94	2.906	2.907	-0.009	96	172716	50.0	46.0	
	10 Aniline	93	2.920	2.920	-0.013	96	174469	50.0	38.5	a
	11 Bis(2-chloroethyl)ether	93	2.970	2.974	-0.013	89	128628	50.0	45.2	
	12 2-Chlorophenol	128	3.006	3.007	-0.010	80	112291	50.0	44.8	
	13 n-Decane	43	3.047	3.060	-0.013	92	151428	50.0	36.6	
	14 1,3-Dichlorobenzene	146	3.118	3.119	-0.010	90	115581	50.0	42.1	
*	15 1,4-Dichlorobenzene-d4	152	3.159	3.173	-0.014	97	69456	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.174	3.175	-0.011	90	118739	50.0	42.8	
	17 Benzyl alcohol	108	3.271	3.272	-0.011	88	82526	50.0	47.2	
	18 1,2-Dichlorobenzene	146	3.283	3.287	-0.014	90	114287	50.0	43.7	
	19 2-Methylphenol	108	3.360	3.358	-0.008	82	112372	50.0	44.8	
	20 2,2'-oxybis[1-chloropropane]	45	3.375	3.375	-0.014	87	220419	50.0	41.4	a
	130 N-Methylaniline	106	3.463	3.463	-0.011	88	184149	50.0	40.9	a
	21 Acetophenone	105	3.472	3.473	-0.011	89	177539	50.0	42.4	
	24 N-Nitrosodi-n-propylamine	70	3.478	3.489	-0.011	91	93973	50.0	44.5	
	22 4-Methylphenol	108	3.481	3.481	-0.011	90	129244	50.0	44.5	
	23 3 & 4 Methylphenol	108	3.481	3.481	-0.011	75	129244	50.0	44.5	
	25 Hexachloroethane	117	3.540	3.540	-0.011	92	51210	50.0	42.0	
$	26 Nitrobenzene-d5	82	3.585	3.596	-0.011	93	147230	50.0	41.8	
	27 Nitrobenzene	123	3.599	3.601	-0.011	87	57069	50.0	46.8	
	28 n,n'-Dimethylaniline	120	3.602	3.602	-0.011	83	176272	50.0	44.6	
	29 Isophorone	82	3.789	3.800	-0.011	98	269756	50.0	44.9	
	30 2-Nitrophenol	139	3.842	3.843	-0.011	74	58510	50.0	45.3	
	31 2,4-Dimethylphenol	122	3.892	3.893	-0.011	87	103305	50.0	46.0	
	32 Bis(2-chloroethoxy)methane	93	3.966	3.967	-0.011	94	160357	50.0	43.7	
	33 Benzoic acid	122	4.001	4.005	-0.014	92	67667	50.0	45.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	4.034	4.032	-0.008	89	91842	50.0	46.4	
35 1,2,4-Trichlorobenzene	180	4.093	4.094	-0.011	93	96734	50.0	44.5	
* 36 Naphthalene-d8	136	4.134	4.145	-0.011	99	266777	40.0	40.0	
37 Naphthalene	128	4.152	4.150	-0.008	97	325407	50.0	44.6	
38 4-Chloroaniline	127	4.205	4.203	-0.008	85	118916	50.0	38.8	
39 Hexachlorobutadiene	225	4.255	4.253	-0.009	92	57231	50.0	45.7	
40 Caprolactam	113	4.489	4.486	-0.008	87	18883	20.0	21.2	
41 4-Chloro-3-methylphenol	107	4.595	4.595	-0.011	93	115826	50.0	46.3	
42 2-Methylnaphthalene	142	4.690	4.686	-0.008	81	220514	50.0	45.4	
43 1-Methylnaphthalene	142	4.764	4.760	-0.008	89	205304	50.0	45.1	
44 Hexachlorocyclopentadiene	237	4.814	4.815	-0.008	80	52181	50.0	36.5	
45 1,2,4,5-Tetrachlorobenzene	216	4.817	4.821	-0.011	94	98896	50.0	44.2	
46 2-tertbutyl-4-methylphenol	149	4.867	4.866	-0.011	84	139442	50.0	46.1	
47 2,4,6-Trichlorophenol	196	4.915	4.915	-0.008	84	68436	50.0	46.4	
48 2,4,5-Trichlorophenol	196	4.944	4.945	-0.008	92	76911	50.0	46.2	
$ 50 2-Fluorobiphenyl	172	4.980	4.988	-0.008	96	225008	50.0	41.3	
51 1,1'-Biphenyl	154	5.053	5.062	-0.009	96	267351	50.0	45.5	
52 2-Chloronaphthalene	162	5.059	5.063	-0.012	92	200923	50.0	45.0	
53 Phenyl ether	170	5.136	5.137	-0.009	86	135574	50.0	43.7	
54 2-Nitroaniline	65	5.148	5.149	-0.009	91	114223	50.0	44.9	
55 1,3-Dimethylnaphthalene	156	5.231	5.231	-0.008	89	165423	50.0	46.7	
57 Coumarin	146	5.305	5.300	-0.008	71	78933	50.0	45.3	
56 Dimethyl phthalate	163	5.305	5.305	-0.008	94	246994	50.0	45.7	
58 2,6-Dinitrotoluene	165	5.343	5.344	-0.009	70	55552	50.0	48.1	
59 Acenaphthylene	152	5.373	5.373	-0.008	95	325076	50.0	45.7	
60 3-Nitroaniline	138	5.464	5.465	-0.009	88	57616	50.0	42.5	
* 61 Acenaphthene-d10	164	5.482	5.491	-0.009	95	143801	40.0	40.0	
62 Acenaphthene	154	5.506	5.514	-0.008	95	193018	50.0	45.0	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.523	5.524	-0.009	95	174226	50.0	43.6	
64 2,4-Dinitrophenol	184	5.547	5.550	-0.012	72	64807	100.0	88.4	
65 4-Nitrophenol	65	5.612	5.615	-0.012	96	144856	100.0	101.7	
66 Dibenzofuran	168	5.639	5.639	-0.008	91	296990	50.0	45.6	
67 2,4-Dinitrotoluene	165	5.645	5.645	-0.009	68	76256	50.0	49.6	
68 2,3,4,6-Tetrachlorophenol	232	5.736	5.736	-0.009	89	63617	50.0	45.9	
69 Diethyl phthalate	149	5.843	5.843	-0.008	96	262128	50.0	46.6	
70 Fluorene	166	5.896	5.896	-0.009	70	242279	50.0	45.5	
71 4-Chlorophenyl phenyl ether	204	5.908	5.907	-0.008	77	111502	50.0	45.1	
72 4-Nitroaniline	138	5.931	5.931	-0.009	63	62327	50.0	47.0	
73 4,6-Dinitro-2-methylphenol	198	5.955	5.957	-0.009	67	81721	100.0	89.9	
74 N-Nitrosodiphenylamine	169	6.002	6.011	-0.009	25	178642	50.0	45.3	
75 1,2-Diphenylhydrazine	77	6.026	6.035	-0.009	45	330025	50.0	44.0	
$ 76 2,4,6-Tribromophenol	330	6.079	6.088	-0.009	95	53322	50.0	44.9	
77 4-Bromophenyl phenyl ether	248	6.274	6.276	-0.009	82	73054	50.0	45.6	
78 Hexachlorobenzene	284	6.307	6.308	-0.009	91	91131	50.0	45.7	
79 Atrazine	200	6.416	6.418	-0.009	83	38598	20.0	25.7	
80 Pentachlorophenol	266	6.463	6.465	-0.009	89	115671	100.0	99.1	
81 Pentachloronitrobenzene	237	6.469	6.471	-0.009	67	35249	50.0	45.7	
82 n-Octadecane	57	6.561	6.562	-0.009	91	273003	50.0	44.4	
* 83 Phenanthrene-d10	188	6.599	6.606	-0.007	99	270809	40.0	40.0	
84 Phenanthrene	178	6.617	6.626	-0.009	99	362790	50.0	45.9	
85 Anthracene	178	6.655	6.665	-0.010	96	379572	50.0	46.4	
87 Carbazole	167	6.783	6.784	-0.009	83	354459	50.0	47.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Di-n-butyl phthalate	149	7.069	7.071	-0.010	99	458314	50.0	47.4	
89 Fluoranthene	202	7.504	7.505	-0.010	97	411850	50.0	47.9	
90 Benzidine	184	7.619	7.629	-0.010	99	179908	50.0	45.8	
91 Pyrene	202	7.669	7.670	-0.011	96	418806	50.0	45.4	
92 Bisphenol-A	213	7.737	7.745	-0.008	97	82100	25.0	20.2	
$ 93 Terphenyl-d14	244	7.805	7.816	-0.011	98	323981	50.0	48.3	
95 Butyl benzyl phthalate	149	8.189	8.190	-0.011	95	204724	50.0	46.9	
97 Carbamazepine	193	8.257	8.258	-0.011	91	173910	50.0	43.9	
99 3,3'-Dichlorobenzidine	252	8.594	8.598	-0.014	94	153211	50.0	45.2	
100 Benzo[a]anthracene	228	8.603	8.614	-0.011	100	395134	50.0	45.3	
* 98 Chrysene-d12	240	8.612	8.623	-0.011	98	263513	40.0	40.0	
101 Chrysene	228	8.633	8.647	-0.014	95	405773	50.0	46.6	
102 Bis(2-ethylhexyl) phthalate	149	8.674	8.675	-0.011	88	304680	50.0	46.7	
103 Di-n-octyl phthalate	149	9.271	9.278	-0.018	96	527822	50.0	52.2	
104 Benzo[b]fluoranthene	252	9.582	9.588	-0.018	98	416426	50.0	55.1	
105 Benzo[k]fluoranthene	252	9.612	9.615	-0.014	99	446372	50.0	53.2	
106 Benzo[a]pyrene	252	9.898	9.919	-0.021	96	400343	50.0	58.3	
* 107 Perylene-d12	264	9.955	9.973	-0.018	98	278385	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.038	11.038	-0.024	99	378182	50.0	54.7	M
109 Dibenz(a,h)anthracene	278	11.067	11.079	-0.025	95	418298	50.0	56.7	
110 Benzo[g,h,i]perylene	276	11.304	11.313	-0.022	97	419953	50.0	51.4	
131 2,6-Dichlorophenol	162	4.208	4.216	-0.008	79	90938	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-Apr-2021 15:06:54 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522814.D

Injection Date: 29-Apr-2021 22:47:23 Instrument ID: CBNAMS15 Operator ID:

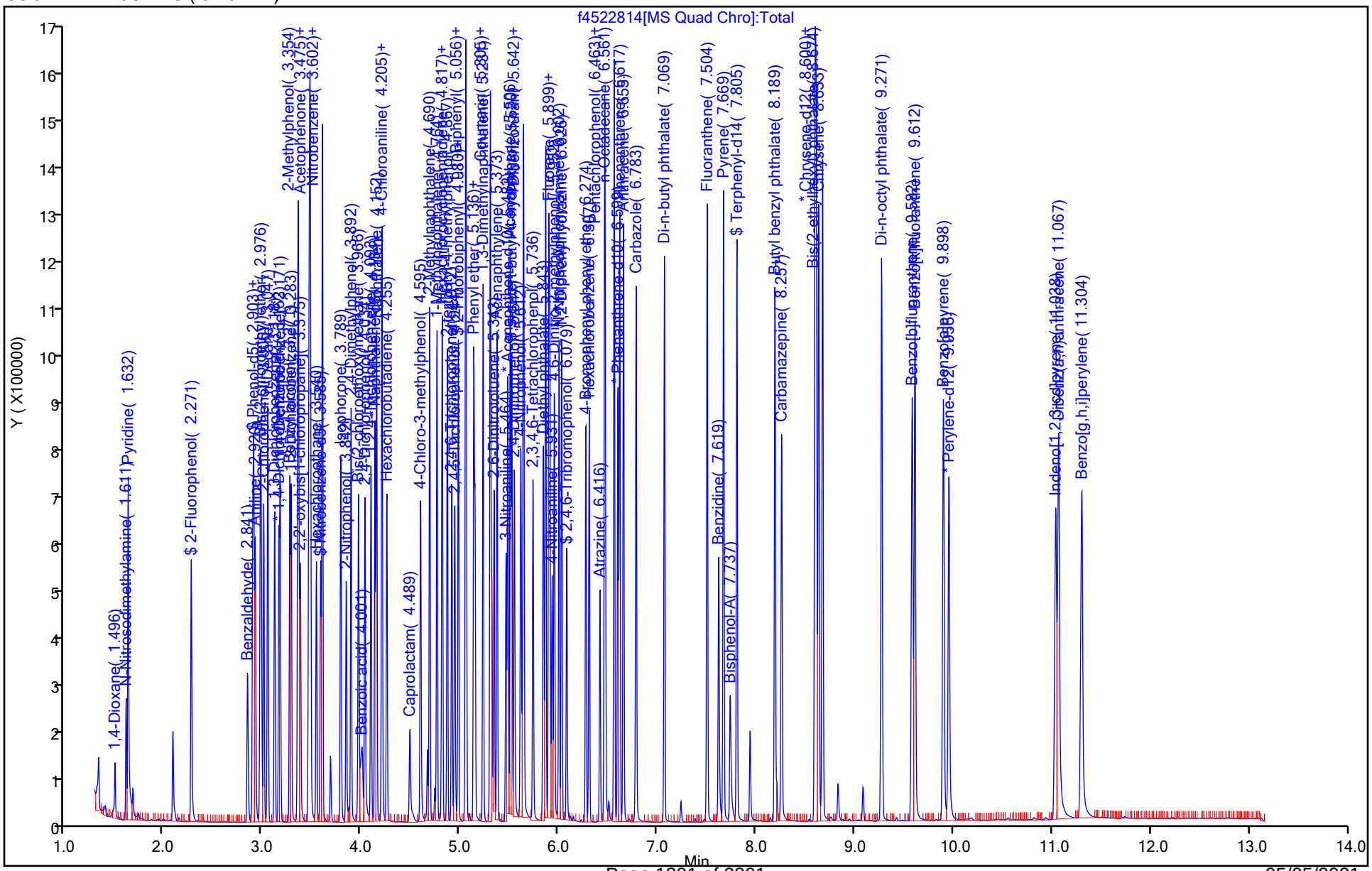
Lims ID: LCSD 460-774834/3-A Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

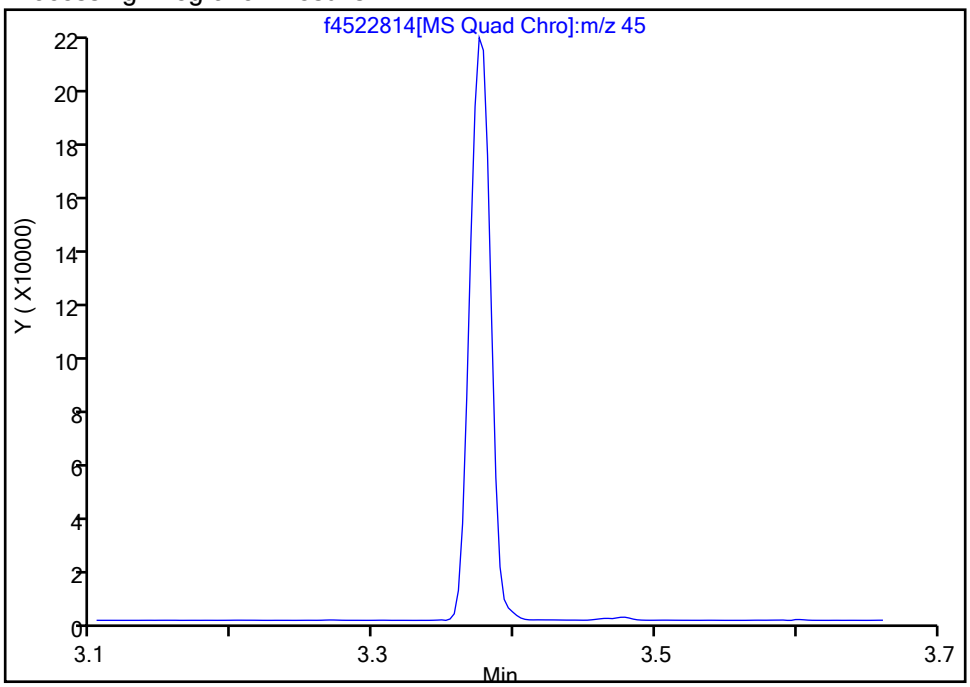
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522814.D				
Injection Date:	29-Apr-2021 22:47:23	Instrument ID:	CBNAMS15		
Lims ID:	LCSD 460-774834/3-A				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

20 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

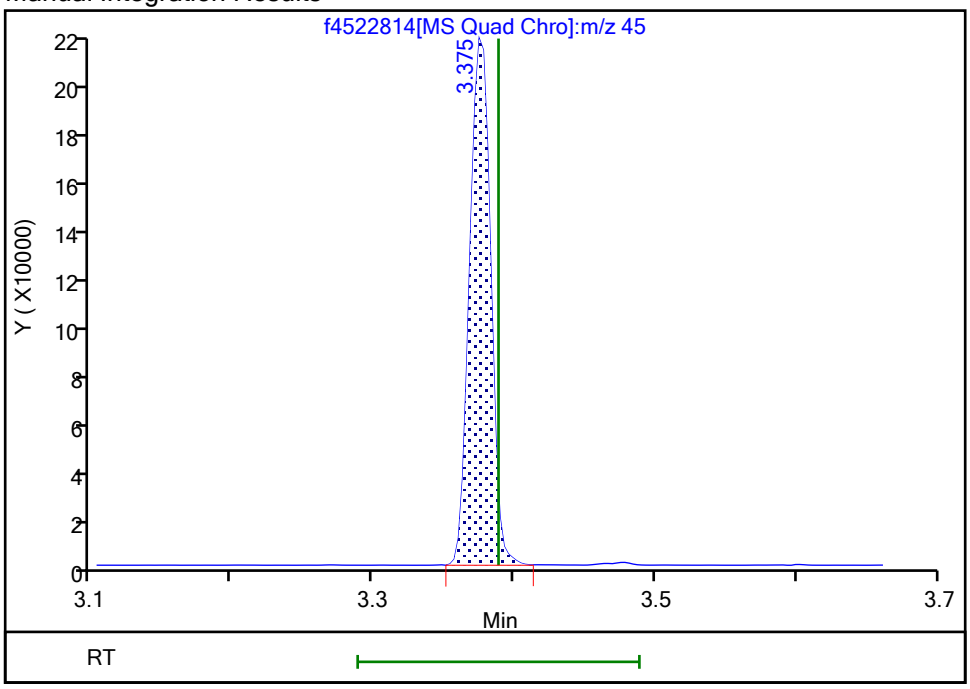
Not Detected
Expected RT: 3.39

Processing Integration Results



Manual Integration Results

RT: 3.37
Area: 220419
Amount: 41.407817
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-Apr-2021 15:05:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

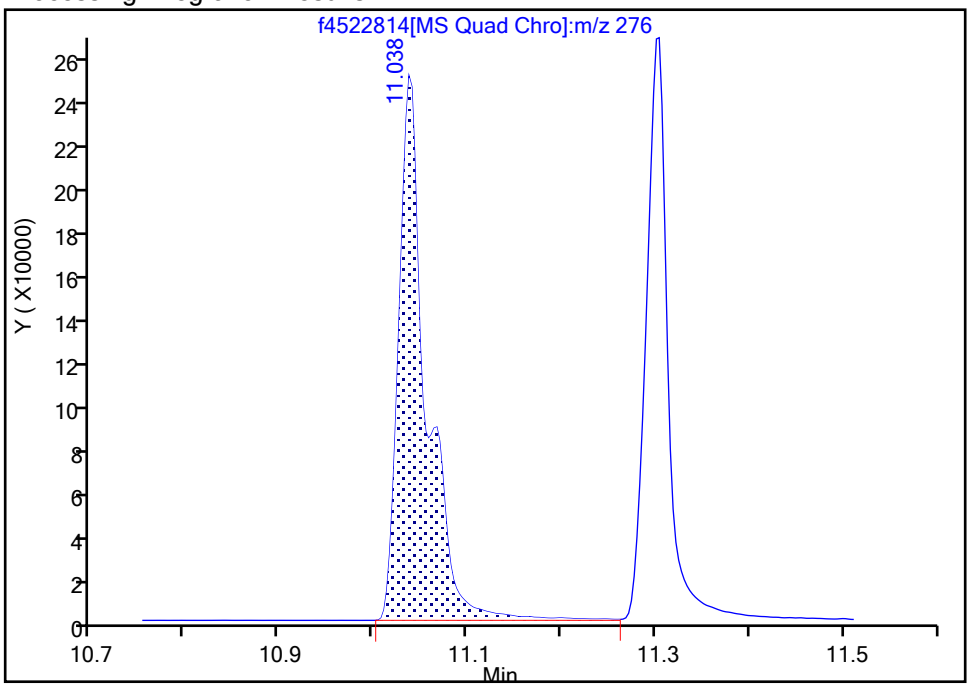
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20210429-127851.b\f4522814.D				
Injection Date:	29-Apr-2021 22:47:23	Instrument ID:	CBNAMS15		
Lims ID:	LCSD 460-774834/3-A				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

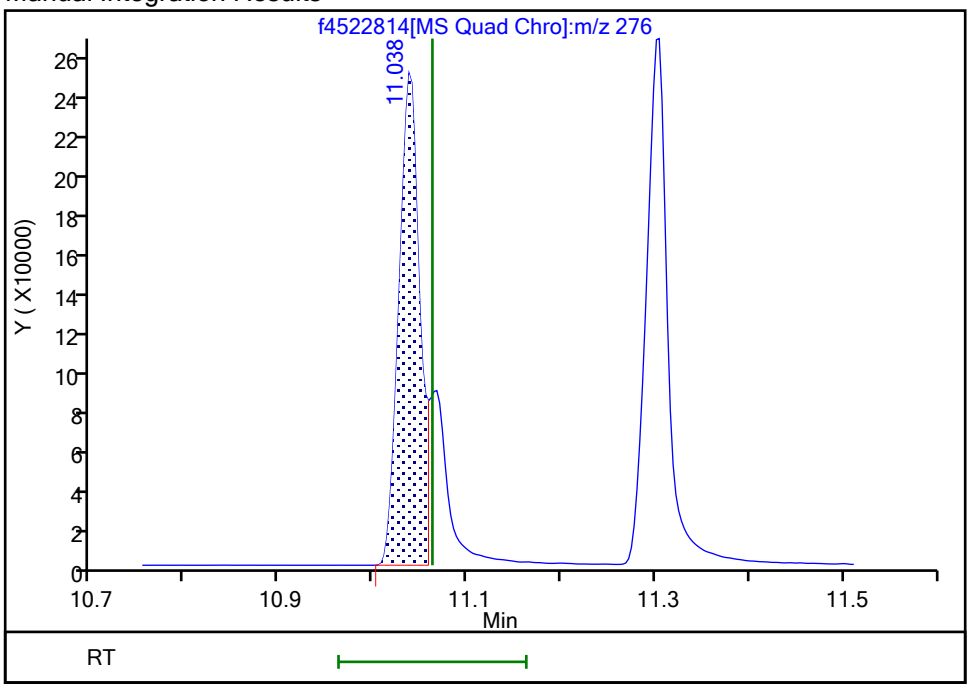
Processing Integration Results

RT: 11.04
Area: 499324
Amount: 72.169109
Amount Units: ug/ml



Manual Integration Results

RT: 11.04
Area: 378182
Amount: 54.660016
Amount Units: ug/ml



Reviewer: khlungprakhons, 30-Apr-2021 15:06:13

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: CBNAMS15 Start Date: 04/02/2021 08:30

Analysis Batch Number: 769079 End Date: 04/02/2021 22:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-769079/1		04/02/2021 08:30	1	f4522074.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-769079/2		04/02/2021 08:39	1	f4522075.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-769079/3 IC		04/02/2021 08:57	1	f4522076.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-769079/4 IC		04/02/2021 09:14	1	f4522077.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-769079/5 IC		04/02/2021 09:31	1	f4522078.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-769079/6 IC		04/02/2021 09:48	1	f4522079.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-769079/7 IC		04/02/2021 10:05	1	f4522080.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-769079/8 IC		04/02/2021 10:22	1	f4522081.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-769079/9 IC		04/02/2021 10:40	1	f4522082.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-769079/10 IC		04/02/2021 10:57	1	f4522083.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-769079/11		04/02/2021 11:14	1	f4522084.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 11:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 11:48	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 12:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 12:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 12:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 12:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 13:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 13:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 13:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 14:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 14:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 14:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 14:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 15:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 15:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 15:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 16:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 16:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 16:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 16:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 17:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 17:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 17:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 18:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 18:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 18:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 18:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 19:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 19:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 19:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 20:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 20:25	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: CBNAMS15 Start Date: 04/02/2021 08:30

Analysis Batch Number: 769079 End Date: 04/02/2021 22:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/02/2021 20:43	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 21:00	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 21:17	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 21:34	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 21:52	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 22:09	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 22:26	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/02/2021 22:43	5		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: CBNAMS15 Start Date: 04/29/2021 21:32

Analysis Batch Number: 774884 End Date: 04/30/2021 09:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-774884/2		04/29/2021 21:32	1	f4522810.D	Rtxi-5Sil MS 0.25(mm)
MB 460-774834/1-A		04/29/2021 22:12	1	f4522812.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-774834/2-A		04/29/2021 22:30	1	f4522813.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-774834/3-A		04/29/2021 22:47	1	f4522814.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2021 23:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2021 23:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2021 23:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2021 23:56	1		Rtxi-5Sil MS 0.25(mm)
460-233032-2	SB-01_4-6_20210427	04/30/2021 00:13	1	f4522819.D	Rtxi-5Sil MS 0.25(mm)
460-233032-8	SB-06_6-8_20210427	04/30/2021 00:30	1	f4522820.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 00:48	1		Rtxi-5Sil MS 0.25(mm)
460-233032-4	SB-02_4-6_20210427	04/30/2021 01:05	1	f4522822.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 01:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 01:57	1		Rtxi-5Sil MS 0.25(mm)
460-233032-6	SB-05_3-5_20210427	04/30/2021 02:14	1	f4522826.D	Rtxi-5Sil MS 0.25(mm)
460-233032-3	SB-02_0-2_20210427	04/30/2021 02:31	1	f4522827.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 02:48	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 03:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 03:23	1		Rtxi-5Sil MS 0.25(mm)
460-233032-7	SB-06_0-2_20210427	04/30/2021 03:40	1	f4522831.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 03:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 04:15	1		Rtxi-5Sil MS 0.25(mm)
460-233032-5	SB-05_0-2_20210427	04/30/2021 04:32	1	f4522834.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 04:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 05:06	1		Rtxi-5Sil MS 0.25(mm)
460-233032-1	SB-01_0-2_20210427	04/30/2021 05:23	1	f4522837.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 05:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 06:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 06:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 07:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 07:24	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 07:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 07:59	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 08:33	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 08:50	25		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 09:08	5		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 774834 Batch Start Date: 04/29/21 16:28 Batch Analyst: Guerrero, Olivia X

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00012	OP_BNA SPIK 00038	OP_BNASurroga 00019	
MB 460-774834/1		3546, 8270E		15.00 g	1 mL			500 uL	
LCS 460-774834/2		3546, 8270E		15.00 g	1 mL	10 uL	500 uL	500 uL	
LCSD 460-774834/3		3546, 8270E		15.00 g	1 mL	10 uL	500 uL	500 uL	
460-233032-E-1	SB-01_0-2_20210427	3546, 8270E	T	15.00 g	1 mL			500 uL	
460-233032-E-2	SB-01_4-6_20210427	3546, 8270E	T	15.00 g	1 mL			500 uL	
460-233032-E-3	SB-02_0-2_20210427	3546, 8270E	T	15.00 g	1 mL			500 uL	
460-233032-E-4	SB-02_4-6_20210427	3546, 8270E	T	15.00 g	1 mL			500 uL	
460-233032-E-5	SB-05_0-2_20210427	3546, 8270E	T	15.00 g	1 mL			500 uL	
460-233032-E-6	SB-05_3-5_20210427	3546, 8270E	T	15.00 g	1 mL			500 uL	
460-233032-E-7	SB-06_0-2_20210427	3546, 8270E	T	15.00 g	1 mL			500 uL	
460-233032-E-8	SB-06_6-8_20210427	3546, 8270E	T	15.00 g	1 mL			500 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 774834 Batch Start Date: 04/29/21 16:28 Batch Analyst: Guerrero, Olivia X

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	12
Batch Comment	BNA Soil
Blank Matrix ID	181427
Analyst ID - Concentration	OG
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	OG
Method/Fraction	3546 / 8270E
Microwave Oven ID	MD1952 / 5095 / 4965
Na2SO4 ID	204081
Prep Solvent ID	Methylene Chloride 273451, Acetone 271760
Analyst ID - Spike Analyst	OG
Analyst ID - Spike Witness Analyst	DS
Concentration 1 Uncorrected Temperature	35 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8082A

Polychlorinated Biphenyls (PCBs) by Gas Chromatography

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
SB-01_0-2_20210427	460-233032-1	95	94	107	101
SB-01_4-6_20210427	460-233032-2	134	133	147	148
SB-02_0-2_20210427	460-233032-3	102	98	108	110
SB-02_4-6_20210427	460-233032-4	113	111	119	120
SB-05_0-2_20210427	460-233032-5	97	98	108	112
SB-05_3-5_20210427	460-233032-6	97	95	100	99
SB-06_0-2_20210427	460-233032-7	94	92	104	98
SB-06_6-8_20210427	460-233032-8	113	110	122	115
	MB 460-774606/1-A	98	98	108	102
	LCS 460-774606/2-A	92	87	101	92
	LCSD 460-774606/3-A	90	89	100	94

	QC LIMITS
TCX = Tetrachloro-m-xylene	54-150
DCBP = DCB Decachlorobiphenyl	37-150

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 11F0001126.D

Lab ID: LCS 460-774606/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	0.333	0.294	88	65-133	
Aroclor 1016	0.333	0.317	95	65-133	
Aroclor 1260	0.333	0.323	97	71-150	
Aroclor 1260	0.333	0.344	103	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 11F0001127.D

Lab ID: LCSD 460-774606/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	0.333	0.291	87	1	30	65-133	
Aroclor 1016	0.333	0.300	90	5	30	65-133	
Aroclor 1260	0.333	0.319	96	1	30	71-150	
Aroclor 1260	0.333	0.323	97	6	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: MB 460-774606/1-A

Matrix: Solid Date Extracted: 04/28/2021 18:16

Lab File ID:(1) 11F0001125.D Lab File ID:(2) 11F0001125.D

Date Analyzed:(1) 04/29/2021 05:54 Date Analyzed:(2) 04/29/2021 05:54

Instrument ID:(1) CPESTGC11 Instrument ID:(2) CPESTGC11

GC Column:(1) Rtx-CLP ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-774606/2-A	04/29/2021 06:11	04/29/2021 06:11
	LCSD 460-774606/3-A	04/29/2021 06:28	04/29/2021 06:28
SB-01_0-2_20210427	460-233032-1	04/29/2021 10:44	04/29/2021 10:44
SB-01_4-6_20210427	460-233032-2	04/29/2021 11:01	04/29/2021 11:01
SB-02_0-2_20210427	460-233032-3	04/29/2021 11:18	04/29/2021 11:18
SB-02_4-6_20210427	460-233032-4	04/29/2021 11:35	04/29/2021 11:35
SB-05_0-2_20210427	460-233032-5	04/29/2021 11:52	04/29/2021 11:52
SB-05_3-5_20210427	460-233032-6	04/29/2021 12:09	04/29/2021 12:09
SB-06_0-2_20210427	460-233032-7	04/29/2021 12:26	04/29/2021 12:26
SB-06_6-8_20210427	460-233032-8	04/29/2021 12:43	04/29/2021 12:43

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: IC 460-749765/2 Date Analyzed: 12/28/2020 10:48

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): T1580619.D Heated Purge: (Y/N) N

Calibration ID: 83232

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		43959238	1.70				
UPPER LIMIT		87918476	1.77				
LOWER LIMIT		21979619	1.63				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-749765/7		44704244	1.70				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: IC 460-749765/2 Date Analyzed: 12/28/2020 10:48

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): T1580619.D Heated Purge: (Y/N) N

Calibration ID: 83233

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		47926496	1.43				
UPPER LIMIT		95852992	1.50				
LOWER LIMIT		23963248	1.36				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-749765/7		47745812	1.43				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: CCVIS 460-774672/2 Date Analyzed: 04/29/2021 04:46

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 11F0001121.D Heated Purge: (Y/N) N

Calibration ID: 83274

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		55963429	1.62				
UPPER LIMIT		111926858	1.69				
LOWER LIMIT		27981715	1.55				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-774672/5		86176292	1.62				
MB 460-774606/1-A		62616302	1.62				
LCS 460-774606/2-A		70272503	1.62				
LCSD 460-774606/3-A		71193746	1.62				
460-233032-1	SB-01_0-2_20210427	66197788	1.62				
460-233032-2	SB-01_4-6_20210427	67659620	1.62				
460-233032-3	SB-02_0-2_20210427	63471134	1.62				
460-233032-4	SB-02_4-6_20210427	59774994	1.62				
460-233032-5	SB-05_0-2_20210427	61729079	1.62				
460-233032-6	SB-05_3-5_20210427	66611238	1.62				
460-233032-7	SB-06_0-2_20210427	65485071	1.62				
460-233032-8	SB-06_6-8_20210427	62250463	1.62				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Sample No.: CCVIS 460-774672/2 Date Analyzed: 04/29/2021 04:46

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 11F0001121.D Heated Purge: (Y/N) N

Calibration ID: 83275

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		54307290	1.35				
UPPER LIMIT		108614580	1.42				
LOWER LIMIT		27153645	1.28				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-774672/5		79197399	1.35				
MB 460-774606/1-A		58599284	1.35				
LCS 460-774606/2-A		63482615	1.35				
LCSD 460-774606/3-A		67229547	1.35				
460-233032-1	SB-01_0-2_20210427	62686909	1.35				
460-233032-2	SB-01_4-6_20210427	66183006	1.35				
460-233032-3	SB-02_0-2_20210427	61728663	1.35				
460-233032-4	SB-02_4-6_20210427	57475429	1.35				
460-233032-5	SB-05_0-2_20210427	59798416	1.35				
460-233032-6	SB-05_3-5_20210427	63056424	1.35				
460-233032-7	SB-06_0-2_20210427	61047641	1.35				
460-233032-8	SB-06_6-8_20210427	58291061	1.35				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-05_0-2_20210427 Lab Sample ID: 460-233032-5

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 04/29/2021 11:52 Date Analyzed (2): 04/29/2021 11:52

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1254	1	1	3.85	3.82	3.88	0.173	0.59	3.8
		2	4.29	4.26	4.32	0.581		
		3	4.60	4.57	4.63	0.557		
		4	4.91	4.88	4.94	0.564		
		5	5.06	5.03	5.09	0.749		
		6	5.38	5.35	5.41	0.553		
		7	5.61	5.58	5.64	0.707		
		8	5.97	5.94	6.00	0.871		
	2	1	5.02	4.99	5.05	0.227	0.57	
		2	5.54	5.52	5.58	0.603		
		3	5.81	5.78	5.84	0.652		
		4	6.29	6.27	6.33	0.598		
		5	6.47	6.44	6.50	0.756		
		6	6.84	6.82	6.88	0.544		
		7	7.44	7.41	7.47	0.574		
		8	7.80	7.77	7.83	0.622		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-06_0-2_20210427 Lab Sample ID: 460-233032-7

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 04/29/2021 12:26 Date Analyzed (2): 04/29/2021 12:26

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1260	1	3	6.14	6.11	6.17	0.0630	0.057	12.0
		4	6.49	6.46	6.52	0.0523		
		5	6.99	6.96	7.02	0.0466		
		6	7.46	7.43	7.49	0.0468		
		7	7.61	7.59	7.65	0.0657		
		8	8.69	8.66	8.72	0.0670		
	2	4	7.98	7.96	8.02	0.0588	0.064	
		5	8.57	8.55	8.61	0.0593		
		6	9.14	9.12	9.18	0.0563		
		7	9.82	9.79	9.85	0.0540		
		8	10.53	10.48	10.54	0.0924		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774606/2-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 04/29/2021 06:11 Date Analyzed (2): 04/29/2021 06:11

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.36	2.33	2.39	0.329	0.317	7.6
		2	2.74	2.71	2.77	0.338		
		3	2.95	2.92	2.98	0.337		
		4	3.24	3.21	3.27	0.319		
		5	3.39	3.36	3.42	0.324		
		6	3.46	3.43	3.49	0.332		
		7	3.85	3.82	3.88	0.324		
		8	4.29	4.26	4.32	0.237		
	2	1	3.19	3.16	3.22	0.324	0.294	
		2	3.70	3.67	3.73	0.319		
		3	4.26	4.24	4.30	0.299		
		4	4.43	4.40	4.46	0.297		
		5	4.56	4.53	4.59	0.297		
		6	5.02	4.99	5.05	0.306		
		7	5.17	5.14	5.20	0.298		
		8	5.55	5.52	5.58	0.215		
Aroclor 1260	1	1	5.28	5.25	5.31	0.326	0.344	6.4
		2	5.62	5.58	5.64	0.314		
		3	6.14	6.11	6.17	0.379		
		4	6.49	6.46	6.52	0.347		
		5	6.99	6.96	7.02	0.364		
		6	7.46	7.43	7.49	0.307		
		7	7.62	7.59	7.65	0.392		
		8	8.69	8.66	8.72	0.325		
	2	1	6.53	6.51	6.57	0.326	0.323	
		2	6.79	6.76	6.82	0.293		
		3	7.16	7.13	7.19	0.299		
		4	7.98	7.96	8.02	0.333		
		5	8.58	8.55	8.61	0.330		
		6	9.15	9.12	9.18	0.342		
		7	9.82	9.79	9.85	0.309		
		8	10.50	10.48	10.54	0.354		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774606/3-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 04/29/2021 06:28 Date Analyzed (2): 04/29/2021 06:28

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.36	2.33	2.39	0.317	0.300	3.1
		2	2.74	2.71	2.77	0.325		
		3	2.95	2.92	2.98	0.321		
		4	3.24	3.21	3.27	0.304		
		5	3.39	3.36	3.42	0.304		
		6	3.46	3.43	3.49	0.305		
		7	3.85	3.82	3.88	0.303		
		8	4.29	4.26	4.32	0.225		
	2	1	3.19	3.16	3.22	0.326	0.291	
		2	3.70	3.67	3.73	0.323		
		3	4.26	4.24	4.30	0.291		
		4	4.43	4.40	4.46	0.290		
		5	4.56	4.53	4.59	0.291		
		6	5.02	4.99	5.05	0.305		
		7	5.17	5.14	5.20	0.291		
		8	5.55	5.52	5.58	0.213		
Aroclor 1260	1	1	5.28	5.25	5.31	0.295	0.323	1.3
		2	5.62	5.58	5.64	0.290		
		3	6.14	6.11	6.17	0.345		
		4	6.49	6.46	6.52	0.318		
		5	6.99	6.96	7.02	0.362		
		6	7.46	7.43	7.49	0.278		
		7	7.62	7.59	7.65	0.390		
		8	8.70	8.66	8.72	0.309		
	2	1	6.54	6.51	6.57	0.318	0.319	
		2	6.79	6.76	6.82	0.284		
		3	7.16	7.13	7.19	0.290		
		4	7.99	7.96	8.02	0.325		
		5	8.58	8.55	8.61	0.327		
		6	9.15	9.12	9.18	0.341		
		7	9.82	9.79	9.85	0.310		
		8	10.51	10.48	10.54	0.359		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-01_0-2_20210427 Lab Sample ID: 460-233032-1

Matrix: Solid Lab File ID: 11F0001142.D

Analysis Method: 8082A Date Collected: 04/27/2021 09:15

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 10:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		37-150
877-09-8	Tetrachloro-m-xylene	94		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001142.D
Lims ID: 460-233032-E-1-A
Client ID: SB-01_0-2_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 10:44:06 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-023
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 11:15:06 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: patelji Date: 29-Apr-2021 11:14:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.619	1.620	-0.001	66197788	20.0	
2	1.351	1.352	-0.001	62686909	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.580	2.583	-0.003	161465528	46.8	
2	1.989	1.991	-0.002	146623505	47.5	
					RPD = 1.60	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.067	11.043	0.024	109232104	50.6	
2	9.664	9.664	0.000	187888420	53.3	
					RPD = 5.21	

QC Flag Legend

Processing Flags

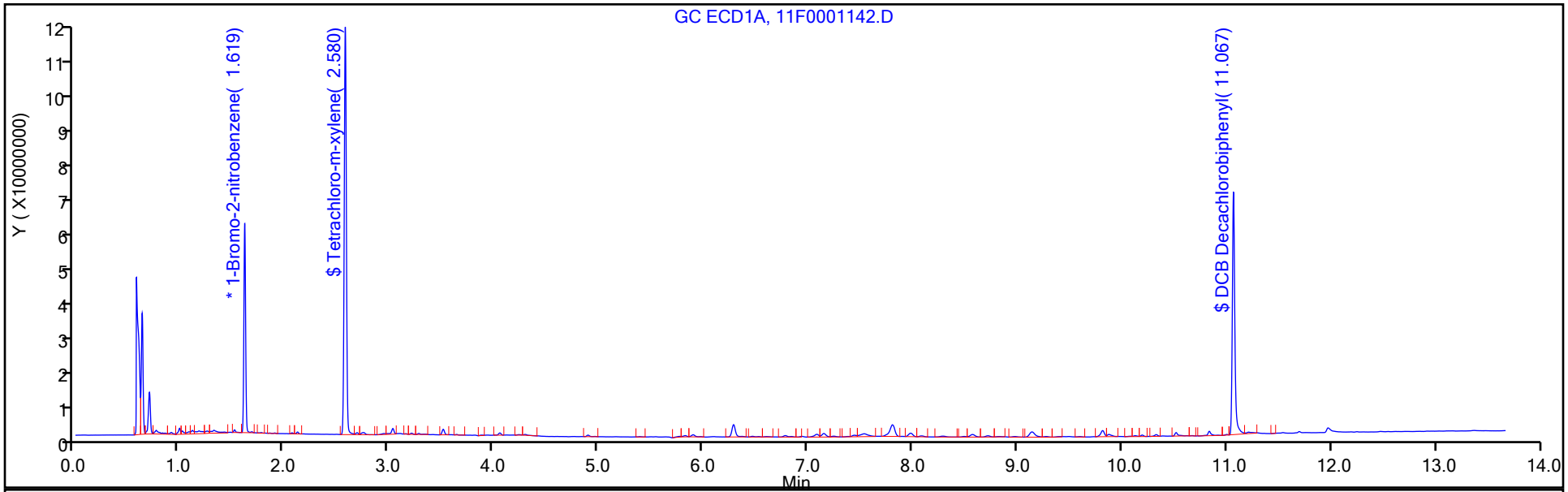
Reagents:

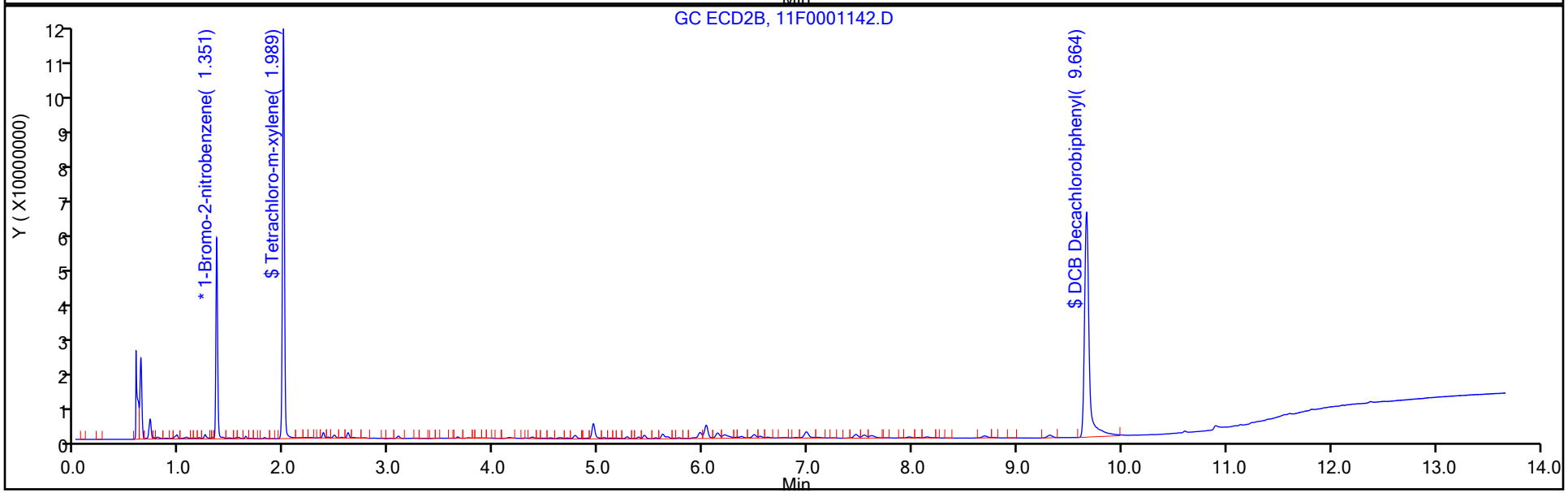
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 11:15:20 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001142.D				
Injection Date:	29-Apr-2021 10:44:06	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-1-A	Lab Sample ID:	460-233032-1	Worklist Smp#:	23
Client ID:	SB-01_0-2_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-01_0-2_20210427 Lab Sample ID: 460-233032-1

Matrix: Solid Lab File ID: 11F0001142.D

Analysis Method: 8082A Date Collected: 04/27/2021 09:15

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 10:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 15.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.080	U	0.080	0.011
11104-28-2	Aroclor 1221	0.080	U	0.080	0.011
11141-16-5	Aroclor 1232	0.080	U	0.080	0.011
53469-21-9	Aroclor 1242	0.080	U	0.080	0.011
12672-29-6	Aroclor 1248	0.080	U	0.080	0.011
11097-69-1	Aroclor 1254	0.080	U	0.080	0.011
11096-82-5	Aroclor 1260	0.080	U	0.080	0.011
37324-23-5	Aroclor-1262	0.080	U	0.080	0.011
11100-14-4	Aroclor 1268	0.080	U	0.080	0.011
1336-36-3	Polychlorinated biphenyls, Total	0.080	U	0.080	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		37-150
877-09-8	Tetrachloro-m-xylene	95		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001142.D
Lims ID: 460-233032-E-1-A
Client ID: SB-01_0-2_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 10:44:06 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-023
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 11:15:06 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: patelji Date: 29-Apr-2021 11:14:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.619	1.620	-0.001	66197788	20.0	
2	1.351	1.352	-0.001	62686909	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.580	2.583	-0.003	161465528	46.8	
2	1.989	1.991	-0.002	146623505	47.5	
					RPD = 1.60	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.067	11.043	0.024	109232104	50.6	
2	9.664	9.664	0.000	187888420	53.3	
					RPD = 5.21	

QC Flag Legend

Processing Flags

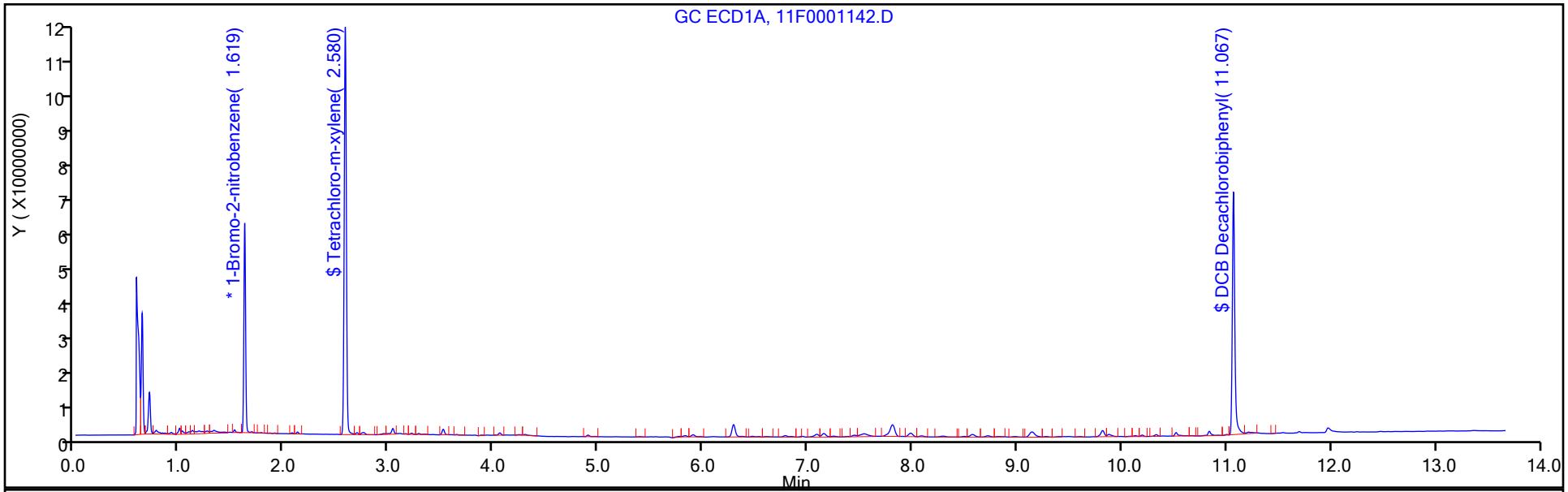
Reagents:

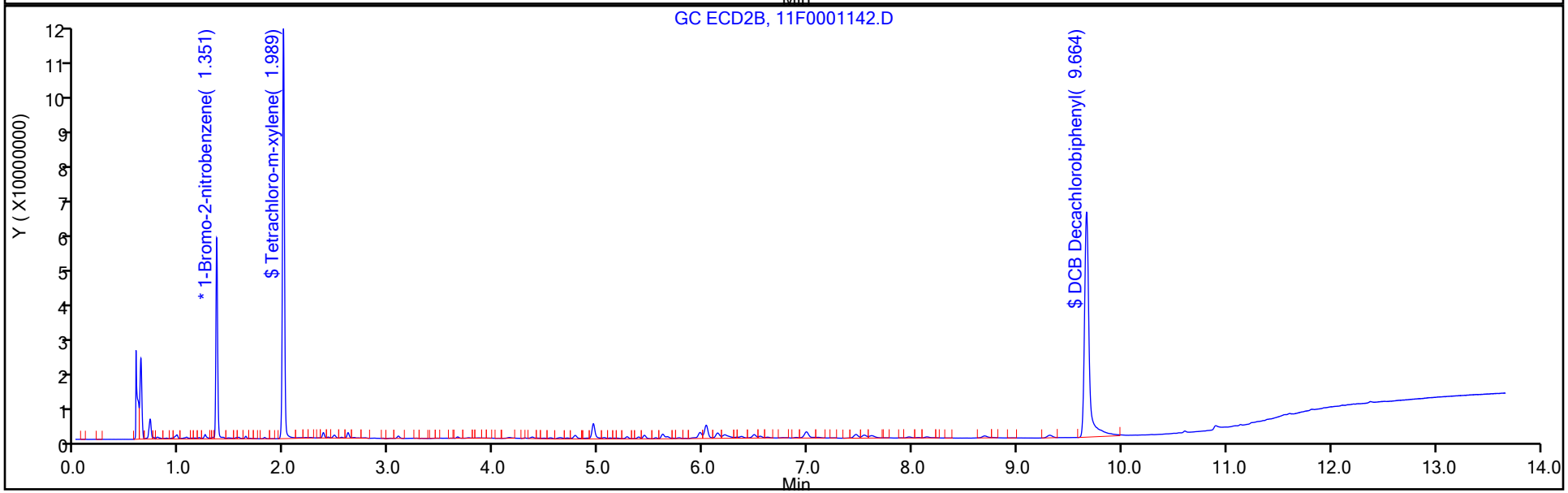
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 11:15:20 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001142.D				
Injection Date:	29-Apr-2021 10:44:06	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-1-A	Lab Sample ID:	460-233032-1	Worklist Smp#:	23
Client ID:	SB-01_0-2_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-01_4-6_20210427 Lab Sample ID: 460-233032-2

Matrix: Solid Lab File ID: 11F0001143.D

Analysis Method: 8082A Date Collected: 04/27/2021 09:25

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 11:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 21.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	148		37-150
877-09-8	Tetrachloro-m-xylene	133		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001143.D
Lims ID: 460-233032-E-2-A
Client ID: SB-01_4-6_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 11:01:10 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-024
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 12:21:51 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 11:39:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.618	1.620	-0.002	67659620	20.0	
2	1.351	1.352	-0.001	66183006	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.580	2.583	-0.003	234470368	66.5	
2	1.988	1.991	-0.003	218221324	67.0	
					RPD = 0.82	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.070	11.043	0.027	163474866	74.1	
2	9.664	9.664	0.000	272605627	73.3	
					RPD = 1.14	

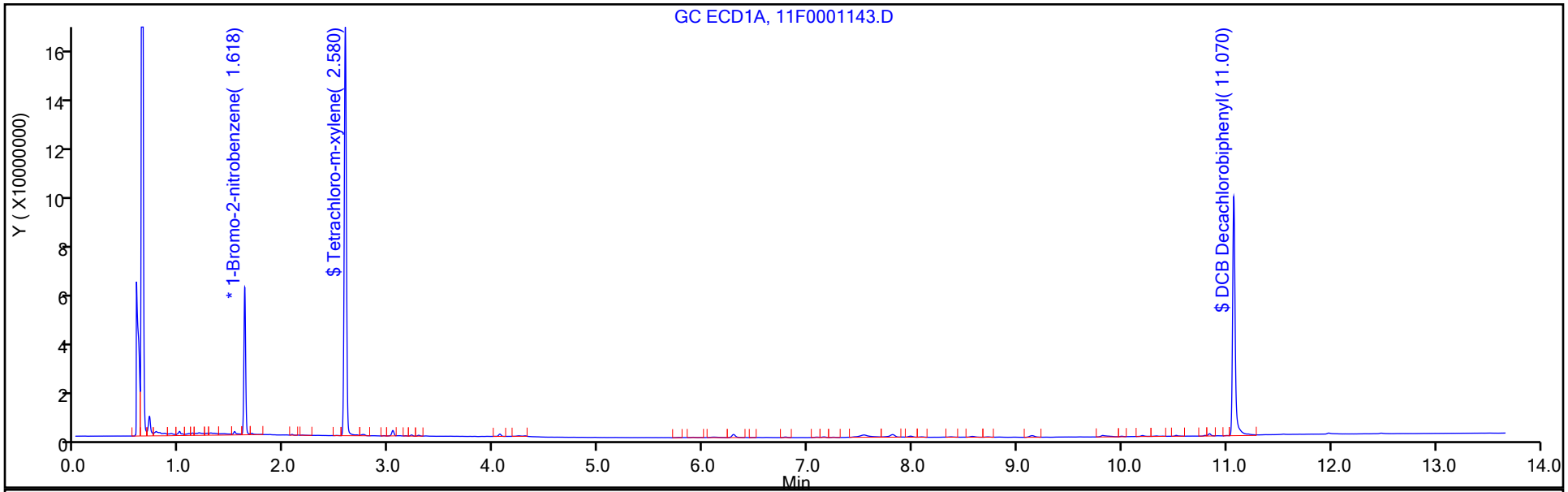
Reagents:

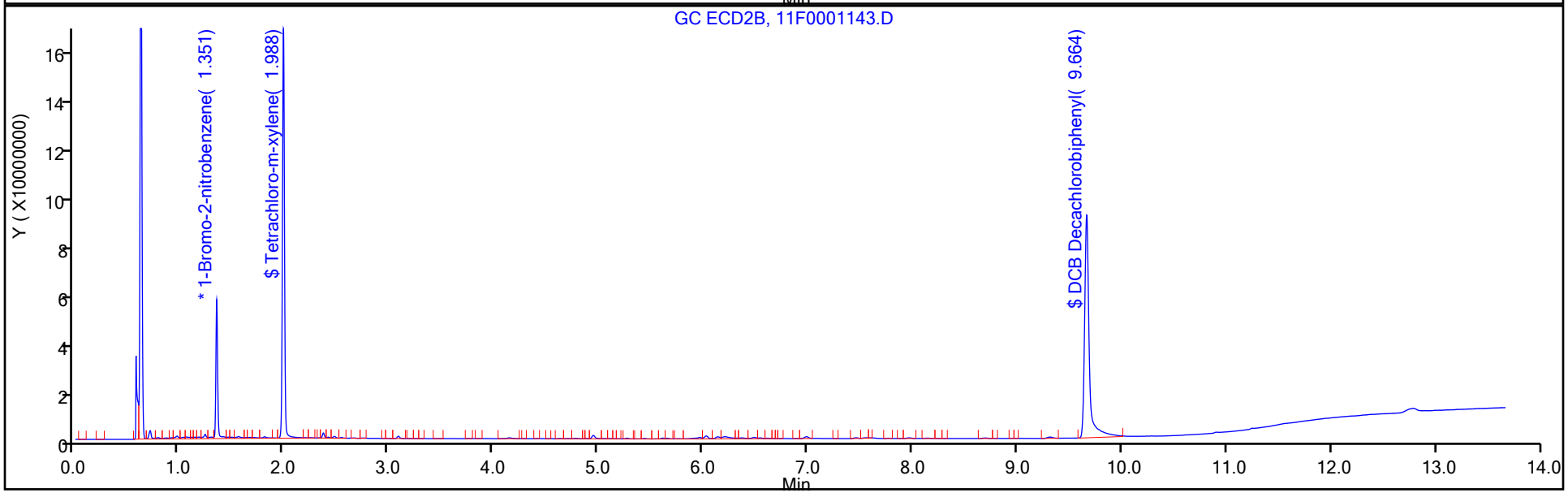
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 12:22:22 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001143.D				
Injection Date:	29-Apr-2021 11:01:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-2-A	Lab Sample ID:	460-233032-2	Worklist Smp#:	24
Client ID:	SB-01_4-6_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-01_4-6_20210427 Lab Sample ID: 460-233032-2

Matrix: Solid Lab File ID: 11F0001143.D

Analysis Method: 8082A Date Collected: 04/27/2021 09:25

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 11:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 21.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.086	U	0.086	0.011
11104-28-2	Aroclor 1221	0.086	U	0.086	0.011
11141-16-5	Aroclor 1232	0.086	U	0.086	0.011
53469-21-9	Aroclor 1242	0.086	U	0.086	0.011
12672-29-6	Aroclor 1248	0.086	U	0.086	0.011
11097-69-1	Aroclor 1254	0.086	U	0.086	0.012
11096-82-5	Aroclor 1260	0.086	U	0.086	0.012
37324-23-5	Aroclor-1262	0.086	U	0.086	0.012
11100-14-4	Aroclor 1268	0.086	U	0.086	0.012
1336-36-3	Polychlorinated biphenyls, Total	0.086	U	0.086	0.012

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	147		37-150
877-09-8	Tetrachloro-m-xylene	134		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001143.D
Lims ID: 460-233032-E-2-A
Client ID: SB-01_4-6_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 11:01:10 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-024
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 12:21:51 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 11:39:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.618	1.620	-0.002	67659620	20.0	
2	1.351	1.352	-0.001	66183006	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.580	2.583	-0.003	234470368	66.5	
2	1.988	1.991	-0.003	218221324	67.0	
					RPD = 0.82	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.070	11.043	0.027	163474866	74.1	
2	9.664	9.664	0.000	272605627	73.3	
					RPD = 1.14	

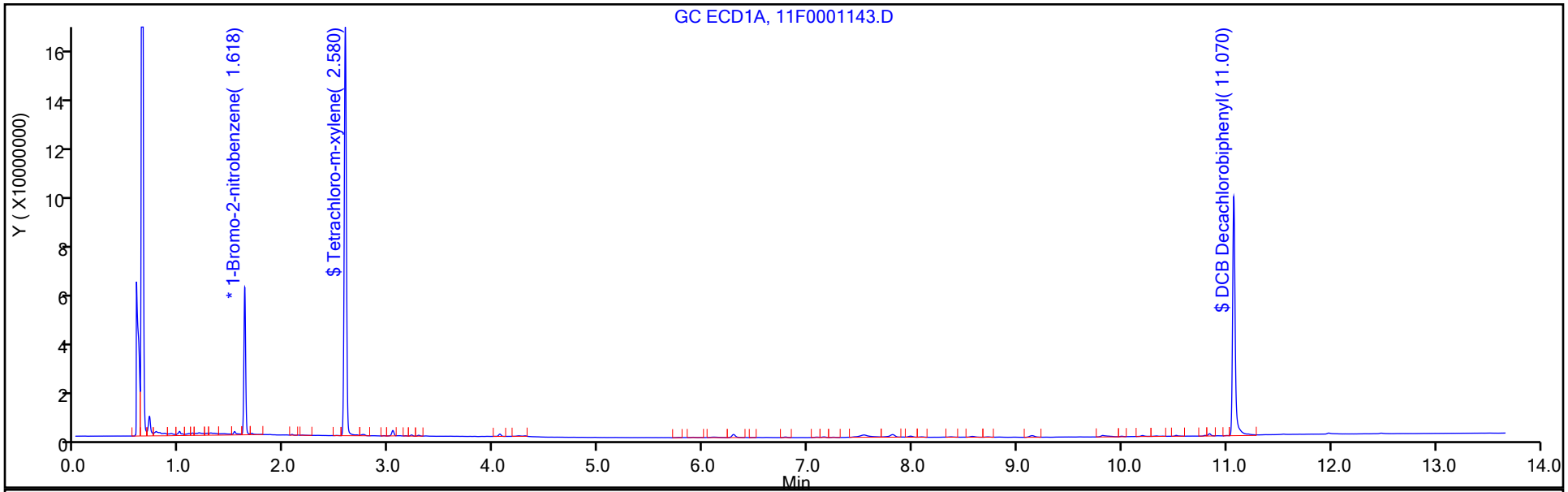
Reagents:

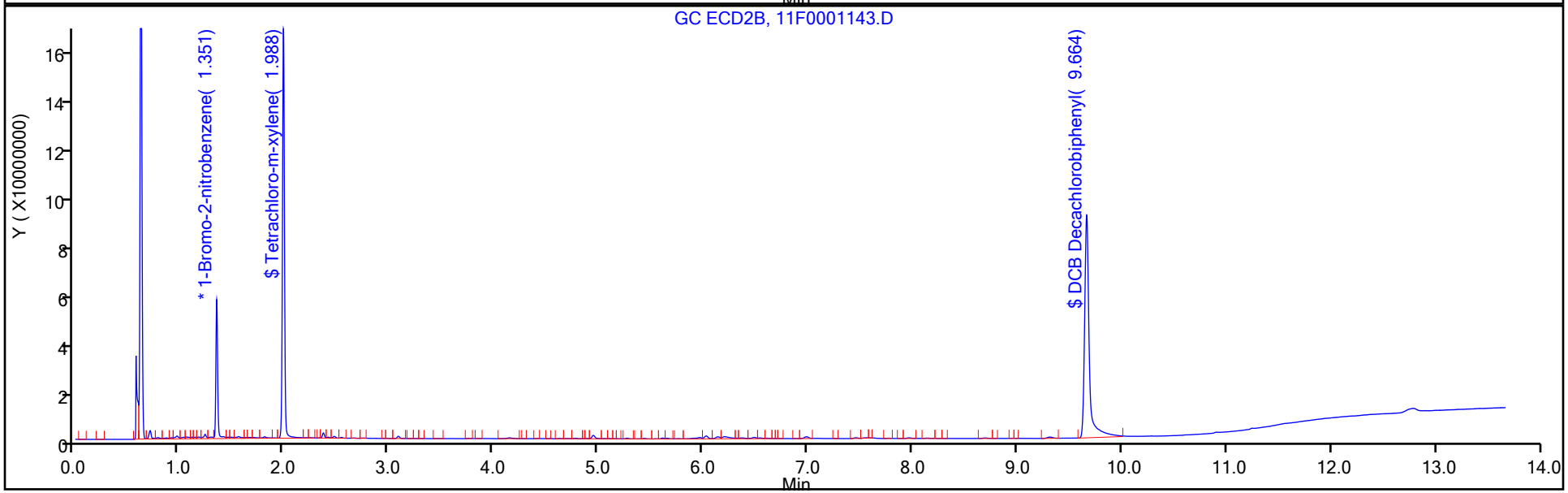
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 12:22:22 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001143.D				
Injection Date:	29-Apr-2021 11:01:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-2-A	Lab Sample ID:	460-233032-2	Worklist Smp#:	24
Client ID:	SB-01_4-6_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-02_0-2_20210427 Lab Sample ID: 460-233032-3

Matrix: Solid Lab File ID: 11F0001144.D

Analysis Method: 8082A Date Collected: 04/27/2021 09:40

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 11:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 26.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		37-150
877-09-8	Tetrachloro-m-xylene	98		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001144.D
Lims ID: 460-233032-E-3-A
Client ID: SB-02_0-2_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 11:18:10 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-025
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 12:21:51 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 12:20:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.618	1.620	-0.002	63471134	20.0	
2	1.350	1.352	-0.002	61728663	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.579	2.583	-0.004	162813817	49.2	
2	1.988	1.991	-0.003	154968260	51.0	
					RPD = 3.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.068	11.043	0.025	113350787	54.8	
2	9.663	9.664	-0.001	187287328	54.0	
					RPD = 1.48	

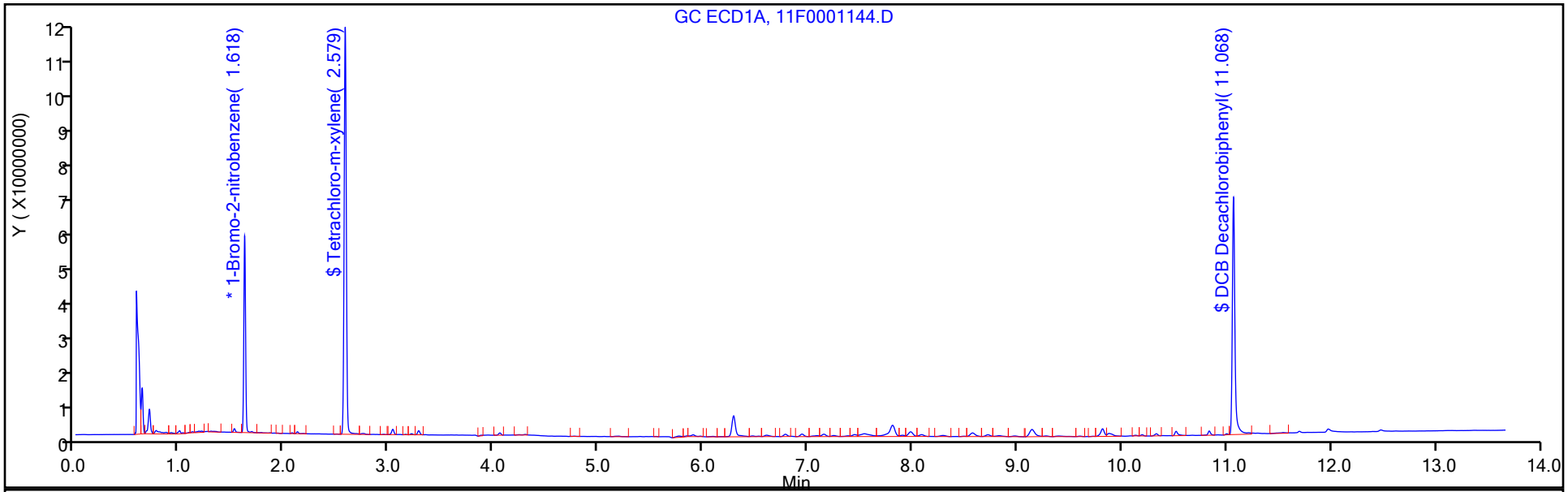
Reagents:

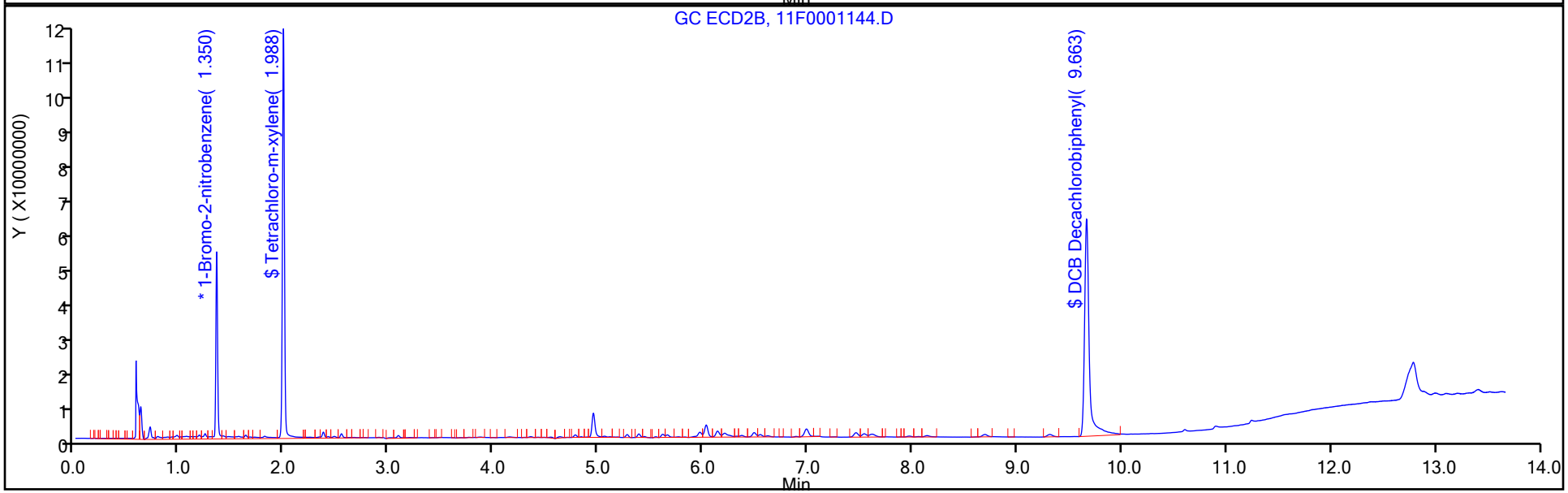
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 12:22:33 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001144.D				
Injection Date:	29-Apr-2021 11:18:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-3-A	Lab Sample ID:	460-233032-3	Worklist Smp#:	25
Client ID:	SB-02_0-2_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-02_0-2_20210427 Lab Sample ID: 460-233032-3

Matrix: Solid Lab File ID: 11F0001144.D

Analysis Method: 8082A Date Collected: 04/27/2021 09:40

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 11:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 26.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.091	U	0.091	0.012
11104-28-2	Aroclor 1221	0.091	U	0.091	0.012
11141-16-5	Aroclor 1232	0.091	U	0.091	0.012
53469-21-9	Aroclor 1242	0.091	U	0.091	0.012
12672-29-6	Aroclor 1248	0.091	U	0.091	0.012
11097-69-1	Aroclor 1254	0.091	U	0.091	0.012
11096-82-5	Aroclor 1260	0.091	U	0.091	0.012
37324-23-5	Aroclor-1262	0.091	U	0.091	0.012
11100-14-4	Aroclor 1268	0.091	U	0.091	0.012
1336-36-3	Polychlorinated biphenyls, Total	0.091	U	0.091	0.012

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		37-150
877-09-8	Tetrachloro-m-xylene	102		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001144.D
Lims ID: 460-233032-E-3-A
Client ID: SB-02_0-2_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 11:18:10 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-025
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 12:21:51 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 12:20:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.618	1.620	-0.002	63471134	20.0	
2	1.350	1.352	-0.002	61728663	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.579	2.583	-0.004	162813817	49.2	
2	1.988	1.991	-0.003	154968260	51.0	
					RPD = 3.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.068	11.043	0.025	113350787	54.8	
2	9.663	9.664	-0.001	187287328	54.0	
					RPD = 1.48	

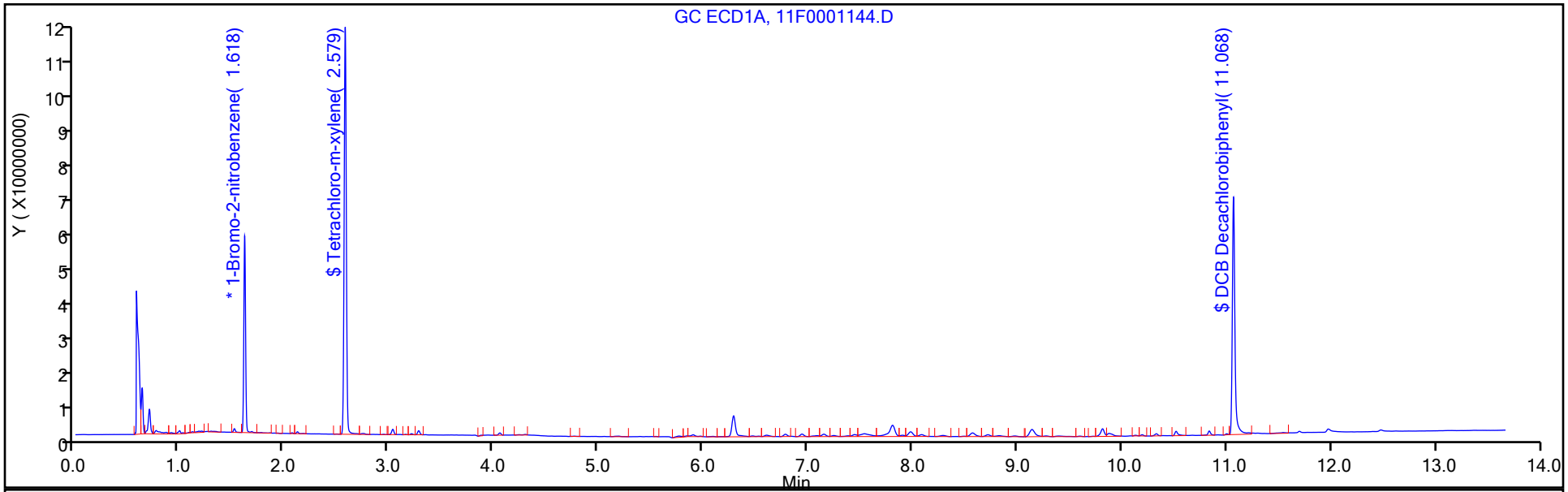
Reagents:

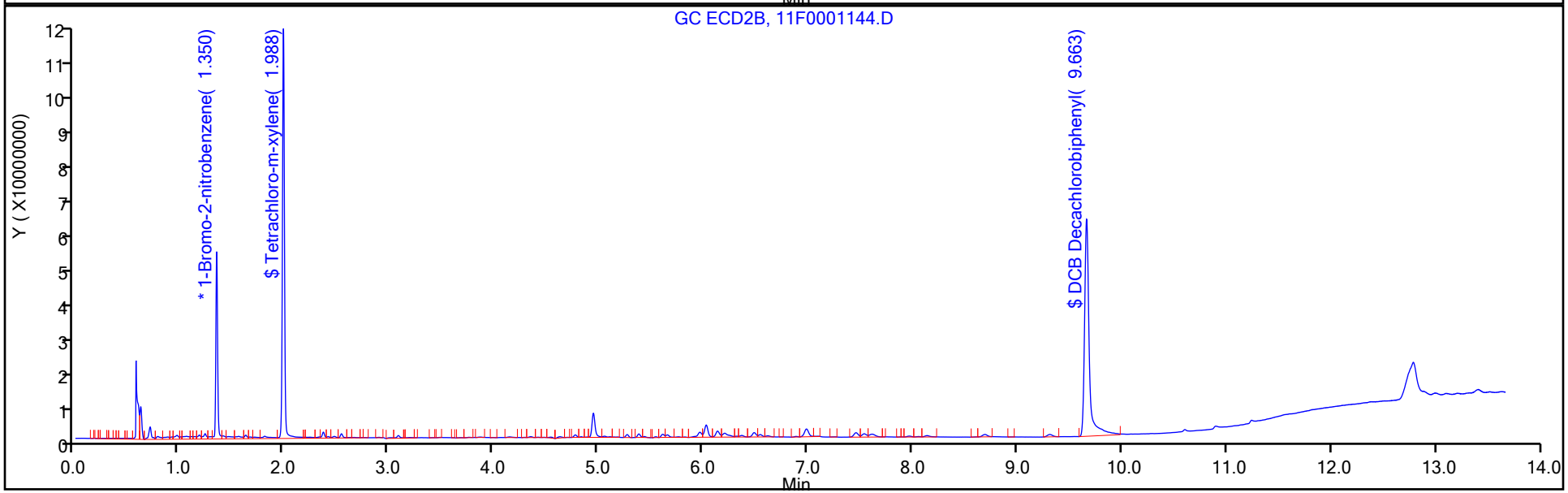
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 12:22:34 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001144.D				
Injection Date:	29-Apr-2021 11:18:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-3-A	Lab Sample ID:	460-233032-3	Worklist Smp#:	25
Client ID:	SB-02_0-2_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-02_4-6_20210427 Lab Sample ID: 460-233032-4

Matrix: Solid Lab File ID: 11F0001145.D

Analysis Method: 8082A Date Collected: 04/27/2021 09:50

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 11:35

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 26.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		37-150
877-09-8	Tetrachloro-m-xylene	111		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001145.D
Lims ID: 460-233032-E-4-A
Client ID: SB-02_4-6_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 11:35:12 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-026
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 12:21:51 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 12:20:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.619	1.620	-0.001	59774994	20.0	
2	1.350	1.352	-0.002	57475429	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.580	2.583	-0.003	172548469	55.4	
2	1.989	1.991	-0.002	160448508	56.7	
					RPD = 2.45	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.064	11.043	0.021	116535459	59.8	
2	9.665	9.664	0.001	192392929	59.5	
					RPD = 0.42	

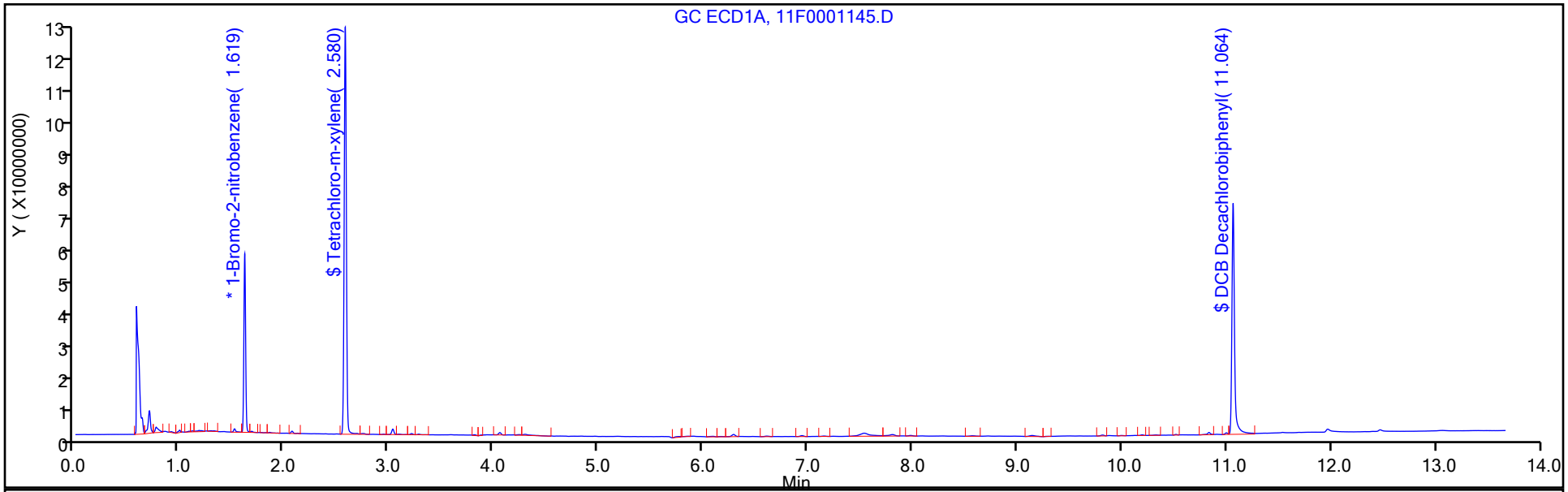
Reagents:

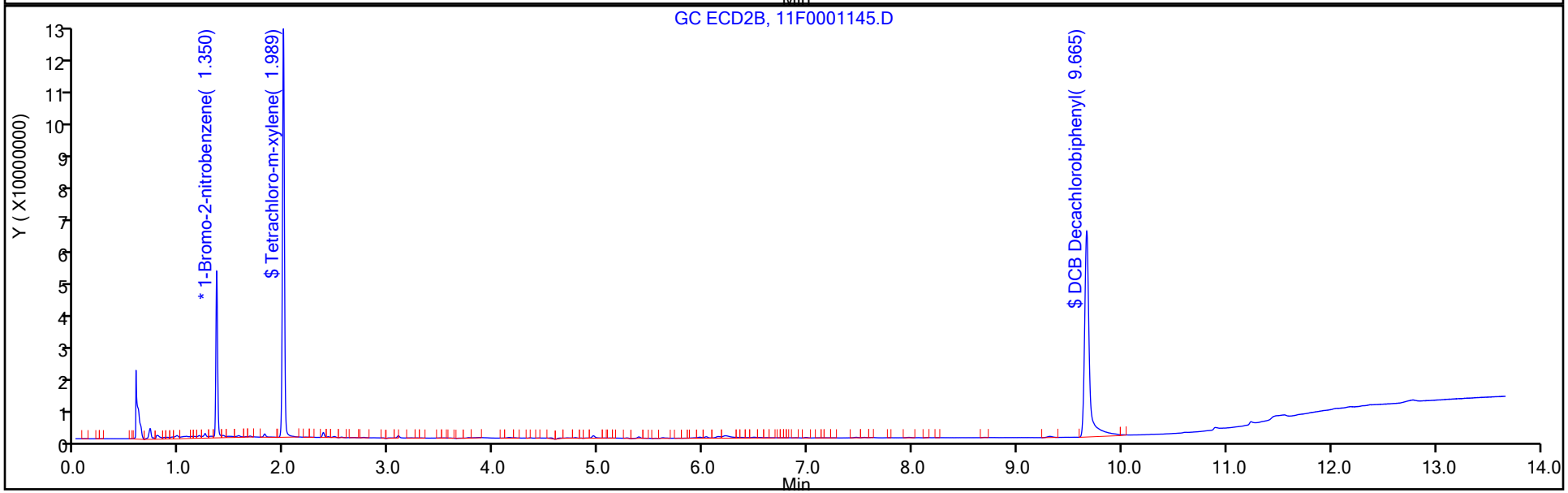
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 12:22:38 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001145.D				
Injection Date:	29-Apr-2021 11:35:12	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-4-A	Lab Sample ID:	460-233032-4	Worklist Smp#:	26
Client ID:	SB-02_4-6_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-02_4-6_20210427 Lab Sample ID: 460-233032-4

Matrix: Solid Lab File ID: 11F0001145.D

Analysis Method: 8082A Date Collected: 04/27/2021 09:50

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 11:35

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 26.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.091	U	0.091	0.012
11104-28-2	Aroclor 1221	0.091	U	0.091	0.012
11141-16-5	Aroclor 1232	0.091	U	0.091	0.012
53469-21-9	Aroclor 1242	0.091	U	0.091	0.012
12672-29-6	Aroclor 1248	0.091	U	0.091	0.012
11097-69-1	Aroclor 1254	0.091	U	0.091	0.013
11096-82-5	Aroclor 1260	0.091	U	0.091	0.013
37324-23-5	Aroclor-1262	0.091	U	0.091	0.013
11100-14-4	Aroclor 1268	0.091	U	0.091	0.013
1336-36-3	Polychlorinated biphenyls, Total	0.091	U	0.091	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		37-150
877-09-8	Tetrachloro-m-xylene	113		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001145.D
Lims ID: 460-233032-E-4-A
Client ID: SB-02_4-6_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 11:35:12 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-026
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 12:21:51 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 12:20:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.619	1.620	-0.001	59774994	20.0	
2	1.350	1.352	-0.002	57475429	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.580	2.583	-0.003	172548469	55.4	
2	1.989	1.991	-0.002	160448508	56.7	
					RPD = 2.45	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.064	11.043	0.021	116535459	59.8	
2	9.665	9.664	0.001	192392929	59.5	
					RPD = 0.42	

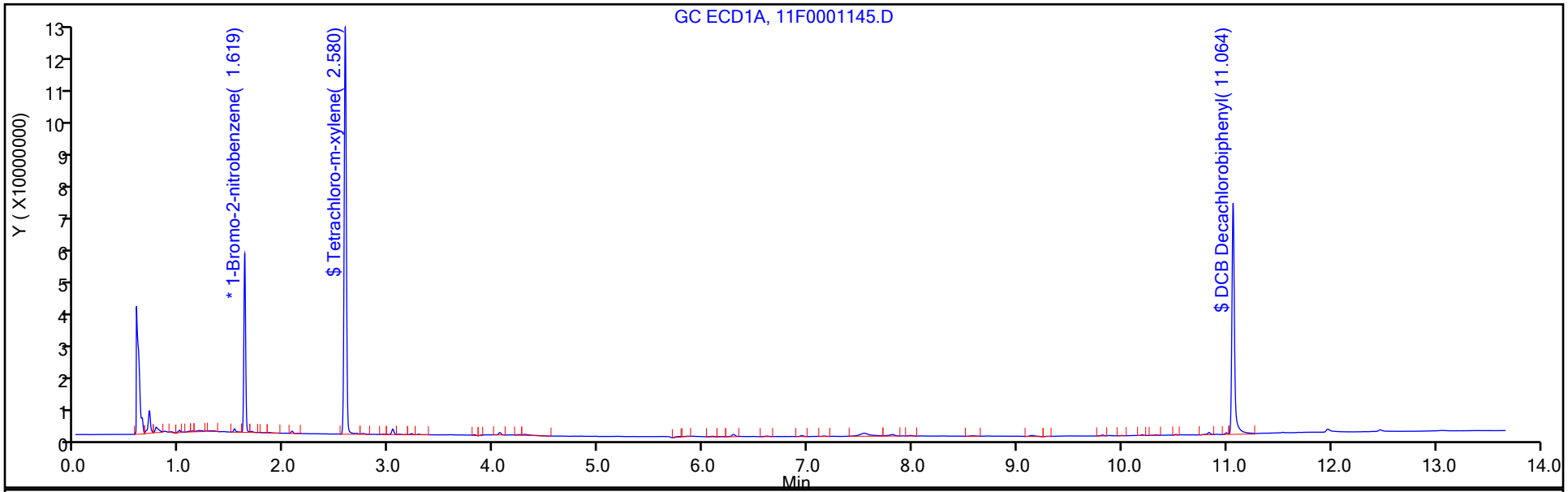
Reagents:

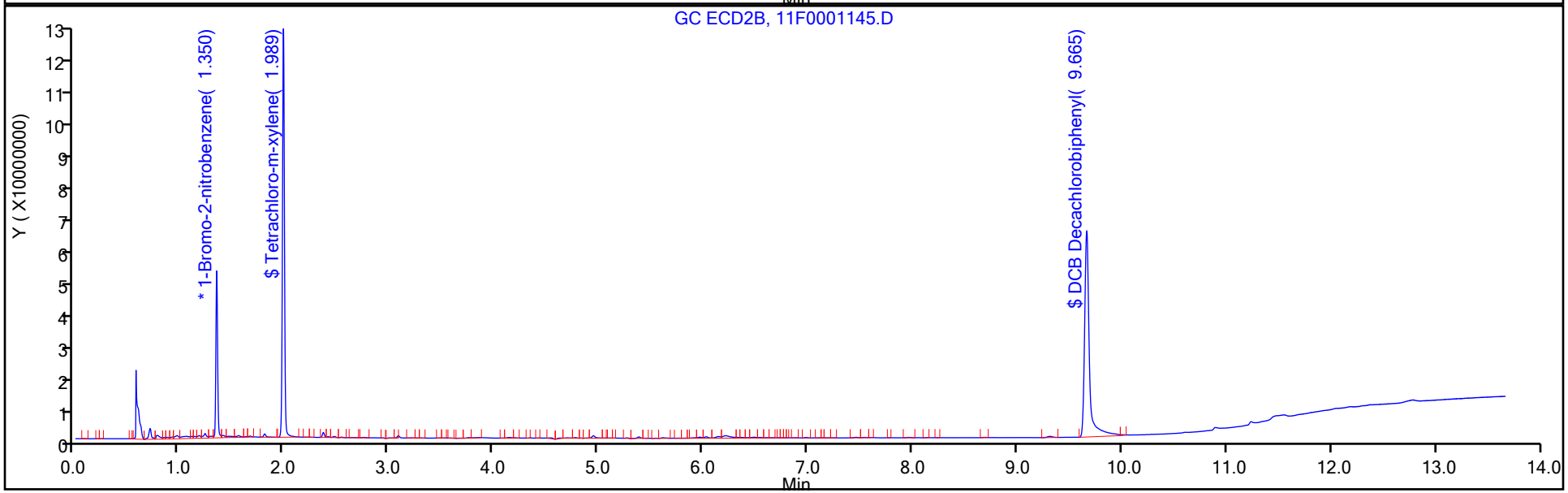
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 12:22:38 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001145.D				
Injection Date:	29-Apr-2021 11:35:12	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-4-A	Lab Sample ID:	460-233032-4	Worklist Smp#:	26
Client ID:	SB-02_4-6_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-05_0-2_20210427 Lab Sample ID: 460-233032-5

Matrix: Solid Lab File ID: 11F0001146.D

Analysis Method: 8082A Date Collected: 04/27/2021 10:21

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 11:52

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		37-150
877-09-8	Tetrachloro-m-xylene	98		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001146.D
Lims ID: 460-233032-E-5-A
Client ID: SB-05_0-2_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 11:52:13 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-027
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 12:21:51 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 12:21:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.618	1.620	-0.002	61729079	20.0	M
2	1.351	1.352	-0.001	59798416	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.580	2.583	-0.003	158303394	49.2	
2	1.989	1.991	-0.002	142961596	48.6	
					RPD = 1.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
7 PCB-1254						M
1	5.016	5.016	0.000	10792112	298.3	
1	5.544	5.545	-0.001	91314547	792.6	
1	5.807	5.809	-0.002	115309457	857.2	
1	6.293	6.295	-0.002	85193335	786.8	
1	6.469	6.472	-0.003	198591368	994.9	
1	6.843	6.845	-0.002	102716165	715.3	
1	7.438	7.441	-0.003	94898400	754.7	
1	7.797	7.801	-0.004	169297212	818.1	
		Average of Peak Amounts =			752.2	
2	3.849	3.851	-0.002	8520626	227.6	M
2	4.290	4.291	-0.001	77426787	764.1	M
2	4.599	4.599	0.000	102208710	732.7	M
2	4.910	4.913	-0.003	81761421	742.0	M
2	5.055	5.056	-0.001	189303431	985.7	M
2	5.382	5.383	-0.001	104379915	726.8	M
2	5.610	5.612	-0.002	130183236	929.5	
2	5.968	5.973	-0.005	239726596	1145.3	
		Average of Peak Amounts =			781.7	
				RPD =	3.84	
$ 11 DCB Decachlorobiphenyl						
1	11.060	11.043	0.017	112546665	55.9	
2	9.661	9.664	-0.003	181881321	54.1	
				RPD =	3.30	
S 12 Polychlorinated biphenyls, Total						
1					752.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

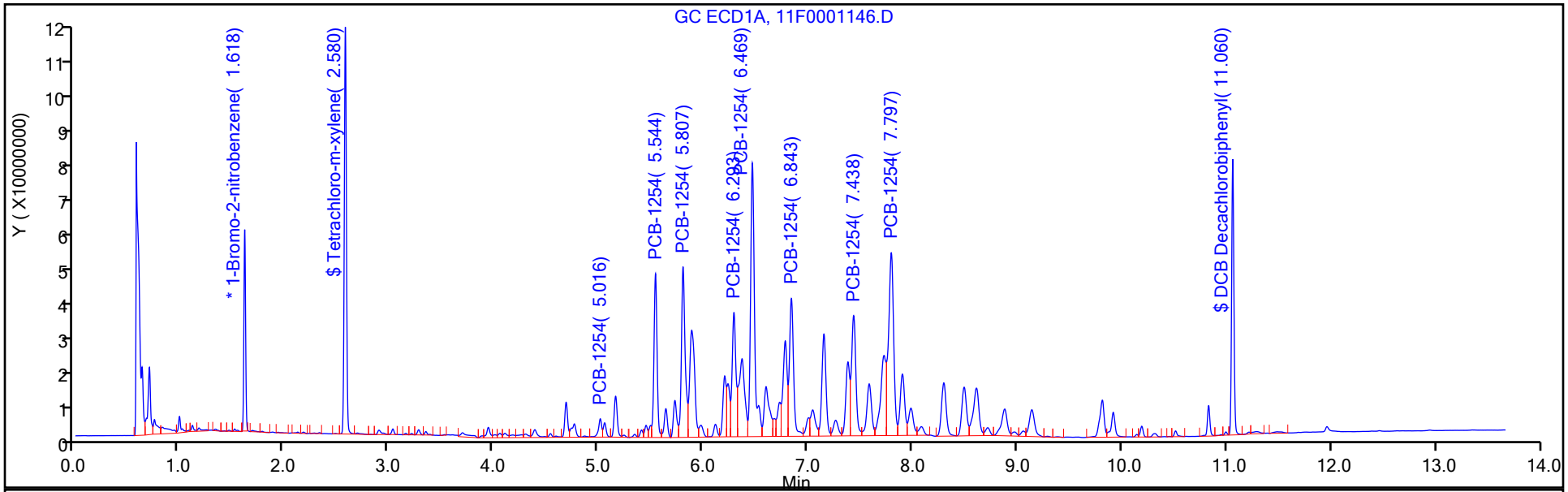
Reagents:

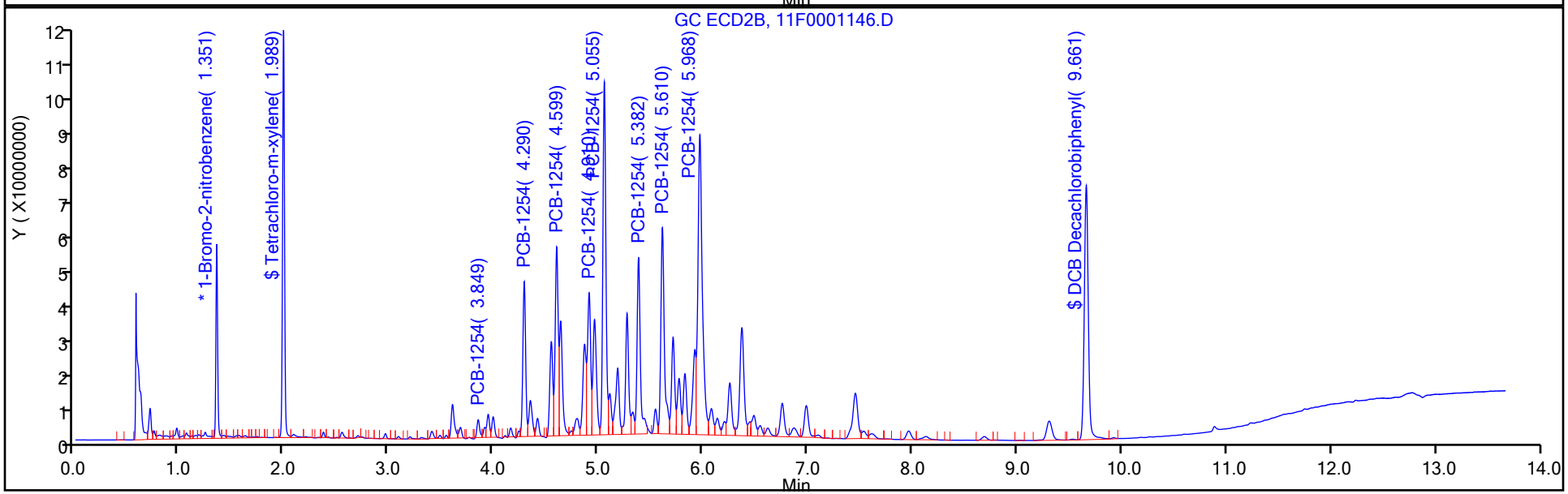
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 12:22:40 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001146.D				
Injection Date:	29-Apr-2021 11:52:13	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-5-A	Lab Sample ID:	460-233032-5	Worklist Smp#:	27
Client ID:	SB-05_0-2_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

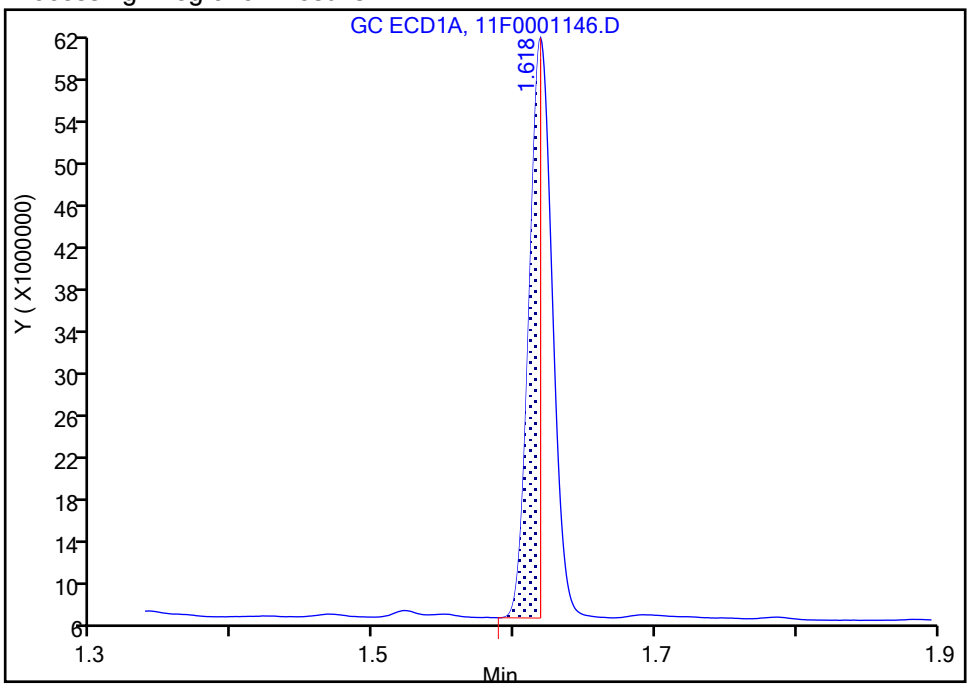
Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001146.D				
Injection Date:	29-Apr-2021 11:52:13	Instrument ID:	CPESTGC11		
Lims ID:	460-233032-E-5-A	Lab Sample ID:	460-233032-5		
Client ID:	SB-05_0-2_20210427				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

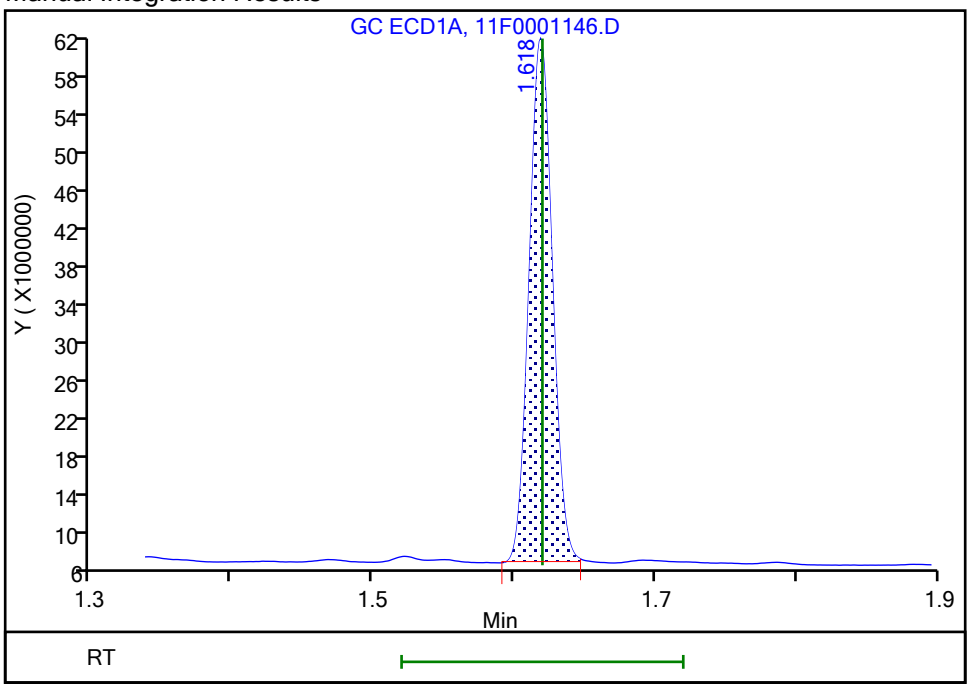
Processing Integration Results

RT: 1.62
Area: 30076554
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.62
Area: 61729079
Amount: 20.000000
Amount Units: ug/l



Reviewer: babud, 29-Apr-2021 12:21:12

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-05_0-2_20210427 Lab Sample ID: 460-233032-5

Matrix: Solid Lab File ID: 11F0001146.D

Analysis Method: 8082A Date Collected: 04/27/2021 10:21

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 11:52

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 12.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.076	U	0.076	0.010
11104-28-2	Aroclor 1221	0.076	U	0.076	0.010
11141-16-5	Aroclor 1232	0.076	U	0.076	0.010
53469-21-9	Aroclor 1242	0.076	U	0.076	0.010
12672-29-6	Aroclor 1248	0.076	U	0.076	0.010
11097-69-1	Aroclor 1254	0.59		0.076	0.010
11096-82-5	Aroclor 1260	0.076	U	0.076	0.010
37324-23-5	Aroclor-1262	0.076	U	0.076	0.010
11100-14-4	Aroclor 1268	0.076	U	0.076	0.010
1336-36-3	Polychlorinated biphenyls, Total	0.59		0.076	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		37-150
877-09-8	Tetrachloro-m-xylene	97		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001146.D
Lims ID: 460-233032-E-5-A
Client ID: SB-05_0-2_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 11:52:13 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-027
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 12:21:51 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 12:21:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.618	1.620	-0.002	61729079	20.0	M
2	1.351	1.352	-0.001	59798416	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.580	2.583	-0.003	158303394	49.2	
2	1.989	1.991	-0.002	142961596	48.6	
					RPD = 1.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
7 PCB-1254						M
1	5.016	5.016	0.000	10792112	298.3	
1	5.544	5.545	-0.001	91314547	792.6	
1	5.807	5.809	-0.002	115309457	857.2	
1	6.293	6.295	-0.002	85193335	786.8	
1	6.469	6.472	-0.003	198591368	994.9	
1	6.843	6.845	-0.002	102716165	715.3	
1	7.438	7.441	-0.003	94898400	754.7	
1	7.797	7.801	-0.004	169297212	818.1	
		Average of Peak Amounts =			752.2	
2	3.849	3.851	-0.002	8520626	227.6	M
2	4.290	4.291	-0.001	77426787	764.1	M
2	4.599	4.599	0.000	102208710	732.7	M
2	4.910	4.913	-0.003	81761421	742.0	M
2	5.055	5.056	-0.001	189303431	985.7	M
2	5.382	5.383	-0.001	104379915	726.8	M
2	5.610	5.612	-0.002	130183236	929.5	
2	5.968	5.973	-0.005	239726596	1145.3	
		Average of Peak Amounts =			781.7	
				RPD =	3.84	
$ 11 DCB Decachlorobiphenyl						
1	11.060	11.043	0.017	112546665	55.9	
2	9.661	9.664	-0.003	181881321	54.1	
				RPD =	3.30	
S 12 Polychlorinated biphenyls, Total						
1					752.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

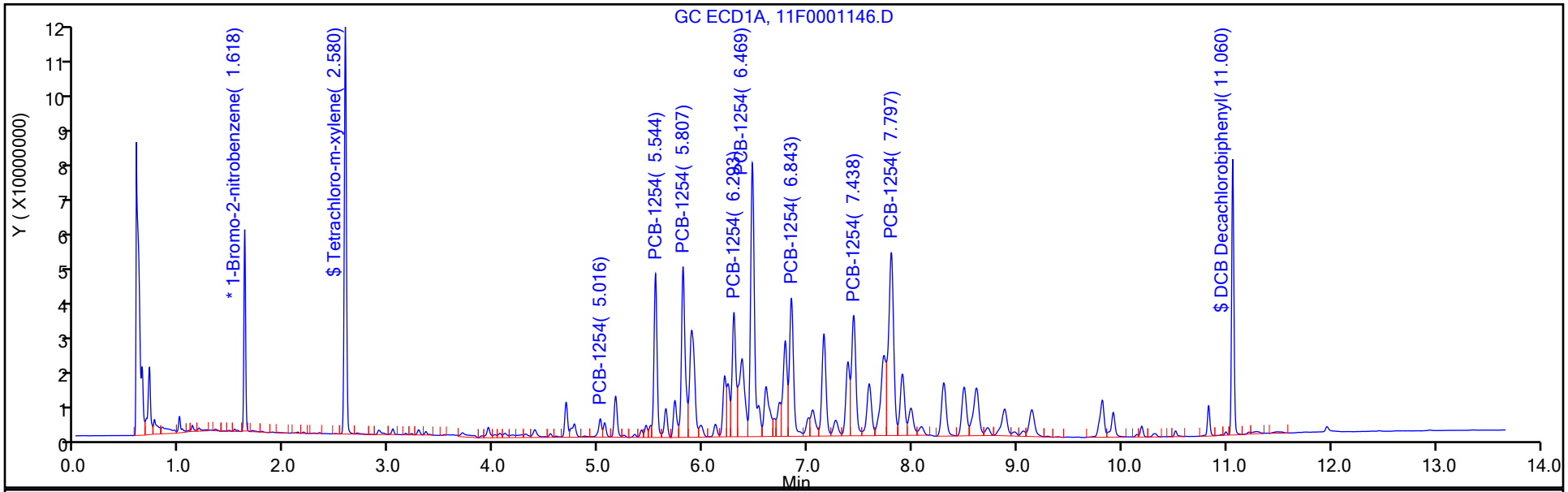
Reagents:

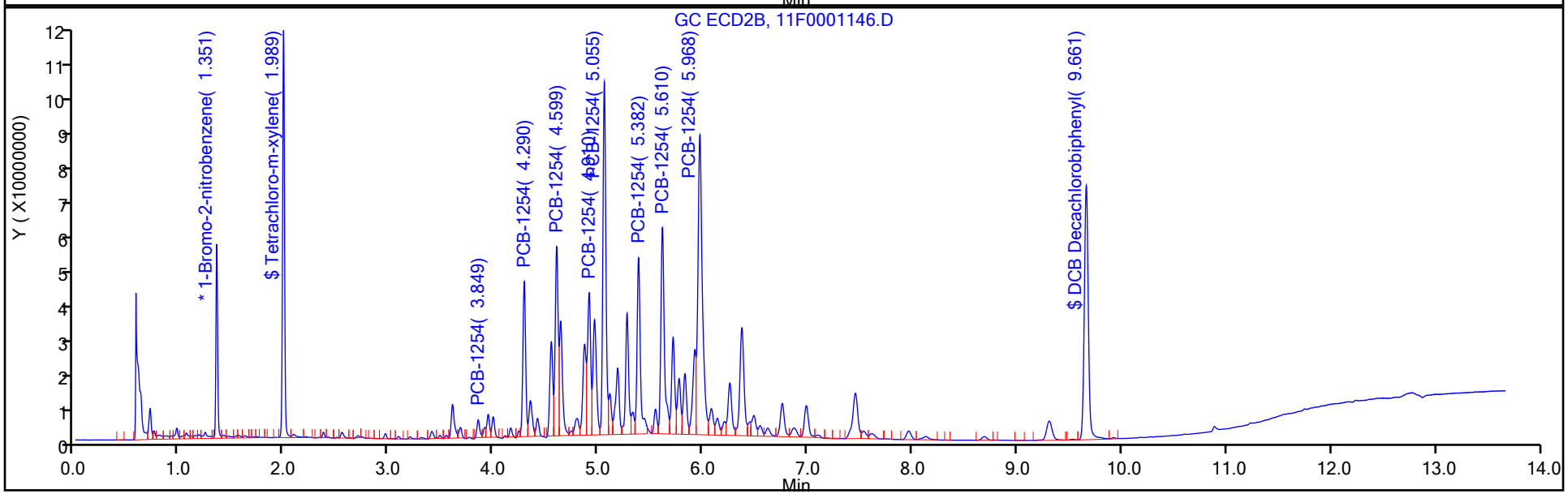
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 12:22:40 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001146.D				
Injection Date:	29-Apr-2021 11:52:13	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-5-A	Lab Sample ID:	460-233032-5	Worklist Smp#:	27
Client ID:	SB-05_0-2_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





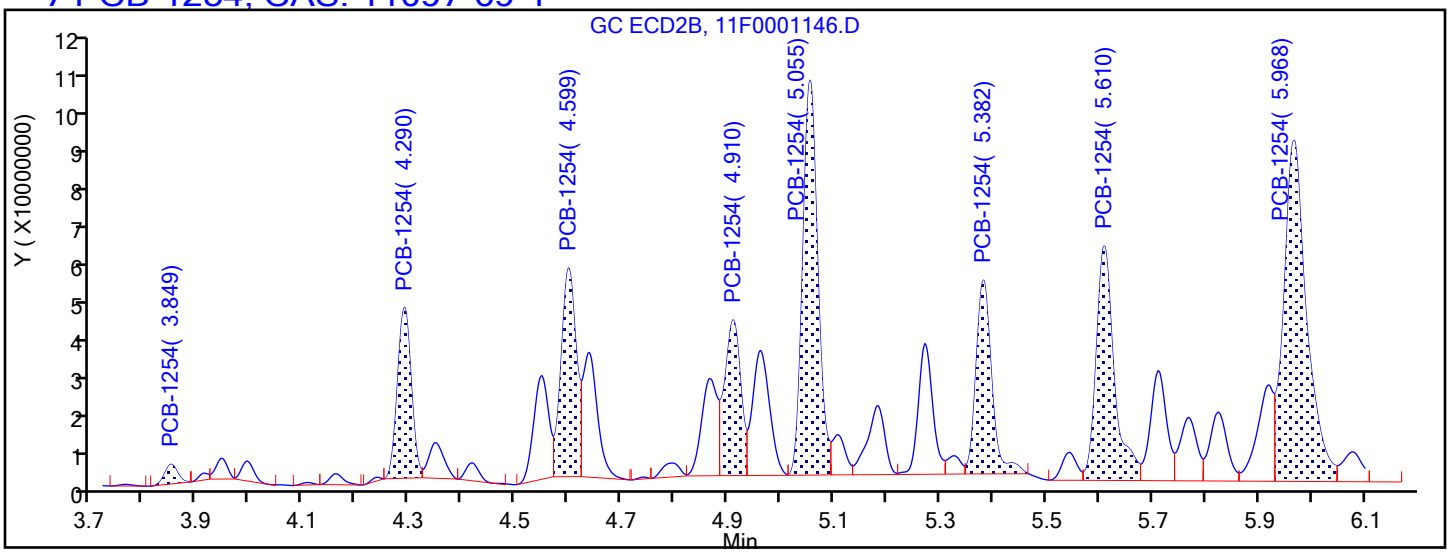
Report Date: 29-Apr-2021 12:22:41 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001146.D

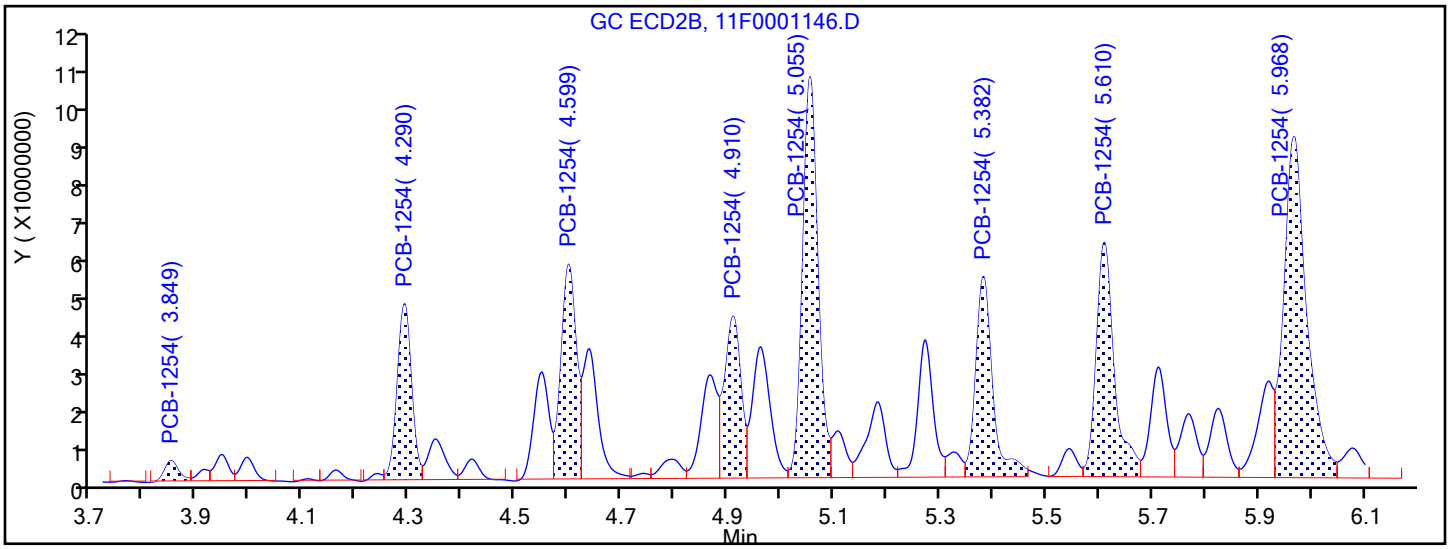
Injection Date:	29-Apr-2021 11:52:13	Instrument ID:	CPESTGC11		
Lims ID:	460-233032-E-5-A	Lab Sample ID:	460-233032-5		
Client ID:	SB-05_0-2_20210427				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

7 PCB-1254, CAS: 11097-69-1



Processing Integration Results

3.849	Response = 7846852
4.290	Response = 72120585
4.599	Response = 97780448
4.910	Response = 77208707
5.055	Response = 182086352
5.382	Response = 93303286
5.610	Response = 130183236
5.968	Response = 239726596



Manual Integration Results

3.849	Response = 8520626	M
4.290	Response = 77426787	M
4.599	Response = 102208710	M
4.910	Response = 81761421	M
5.055	Response = 189303431	M
5.382	Response = 104379915	M

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-05_3-5_20210427 Lab Sample ID: 460-233032-6

Matrix: Solid Lab File ID: 11F0001147.D

Analysis Method: 8082A Date Collected: 04/27/2021 10:30

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 12:09

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		37-150
877-09-8	Tetrachloro-m-xylene	95		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001147.D
Lims ID: 460-233032-E-6-A
Client ID: SB-05_3-5_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 12:09:15 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-028
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 13:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 12:41:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.619	1.620	-0.001	66611238	20.0	
2	1.351	1.352	-0.001	63056424	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.580	2.583	-0.003	165594667	47.7	
2	1.989	1.991	-0.002	150800257	48.6	
					RPD = 1.92	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.066	11.043	0.023	107364151	49.4	
2	9.661	9.664	-0.003	177668597	50.1	
					RPD = 1.38	

QC Flag Legend

Processing Flags

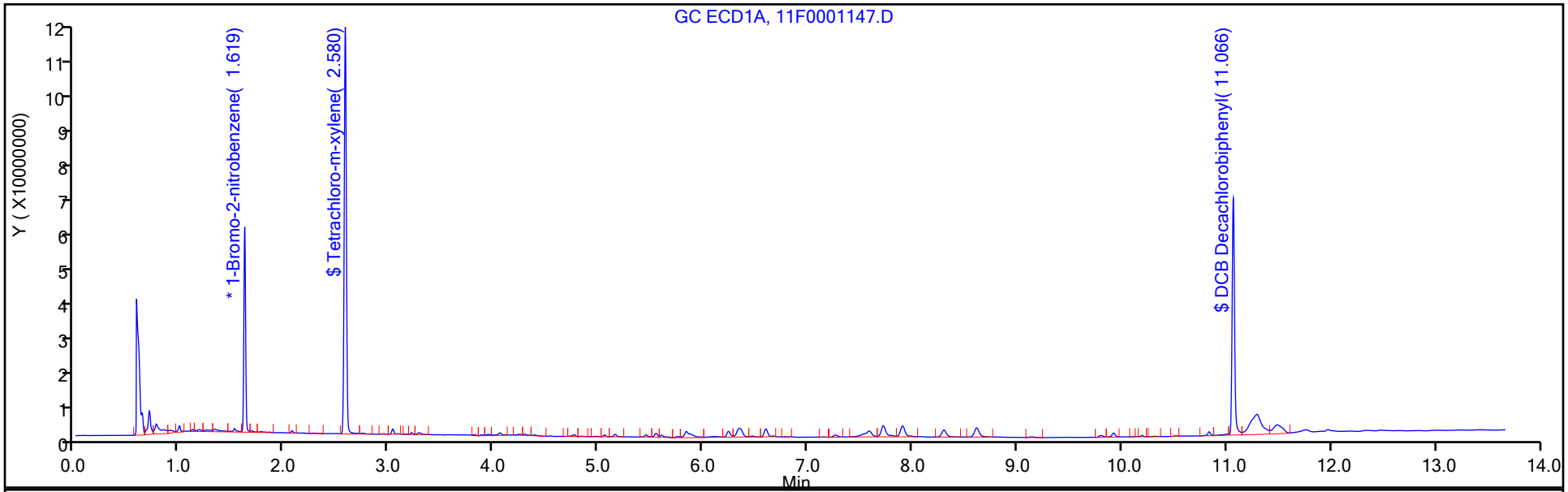
Reagents:

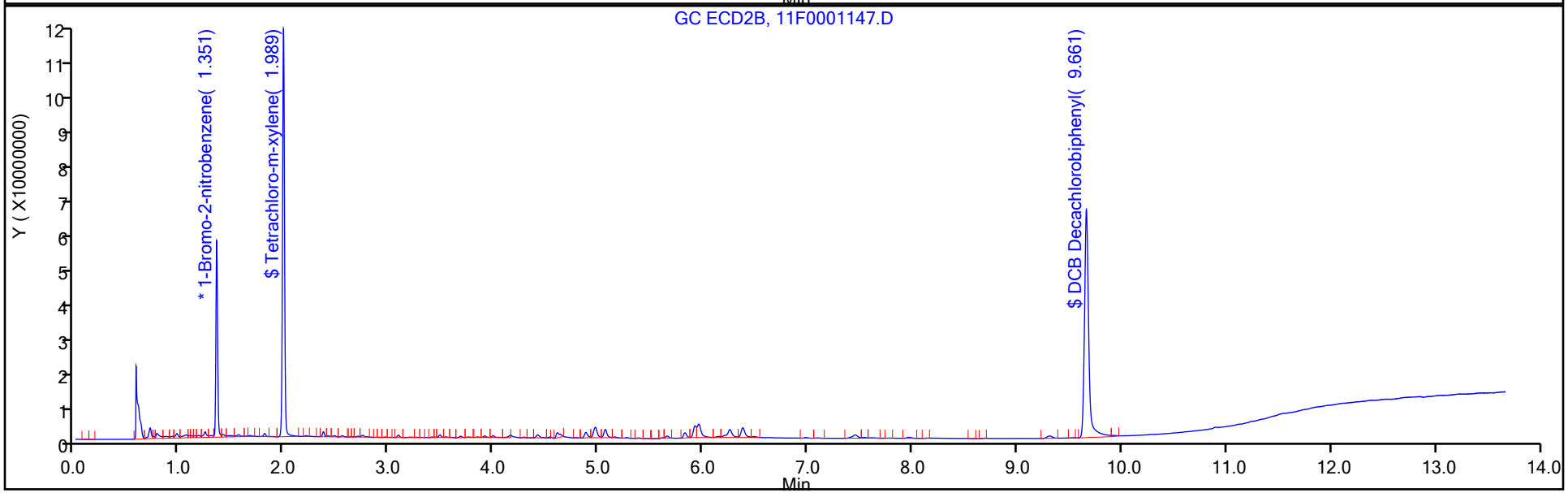
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 13:03:43 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001147.D				
Injection Date:	29-Apr-2021 12:09:15	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-6-A	Lab Sample ID:	460-233032-6	Worklist Smp#:	28
Client ID:	SB-05_3-5_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-05_3-5_20210427 Lab Sample ID: 460-233032-6

Matrix: Solid Lab File ID: 11F0001147.D

Analysis Method: 8082A Date Collected: 04/27/2021 10:30

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 12:09

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.078	U	0.078	0.010
11104-28-2	Aroclor 1221	0.078	U	0.078	0.010
11141-16-5	Aroclor 1232	0.078	U	0.078	0.010
53469-21-9	Aroclor 1242	0.078	U	0.078	0.010
12672-29-6	Aroclor 1248	0.078	U	0.078	0.010
11097-69-1	Aroclor 1254	0.078	U	0.078	0.011
11096-82-5	Aroclor 1260	0.078	U	0.078	0.011
37324-23-5	Aroclor-1262	0.078	U	0.078	0.011
11100-14-4	Aroclor 1268	0.078	U	0.078	0.011
1336-36-3	Polychlorinated biphenyls, Total	0.078	U	0.078	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		37-150
877-09-8	Tetrachloro-m-xylene	97		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001147.D
Lims ID: 460-233032-E-6-A
Client ID: SB-05_3-5_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 12:09:15 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-028
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 13:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 12:41:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.619	1.620	-0.001	66611238	20.0	
2	1.351	1.352	-0.001	63056424	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.580	2.583	-0.003	165594667	47.7	
2	1.989	1.991	-0.002	150800257	48.6	
					RPD = 1.92	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.066	11.043	0.023	107364151	49.4	
2	9.661	9.664	-0.003	177668597	50.1	
					RPD = 1.38	

QC Flag Legend

Processing Flags

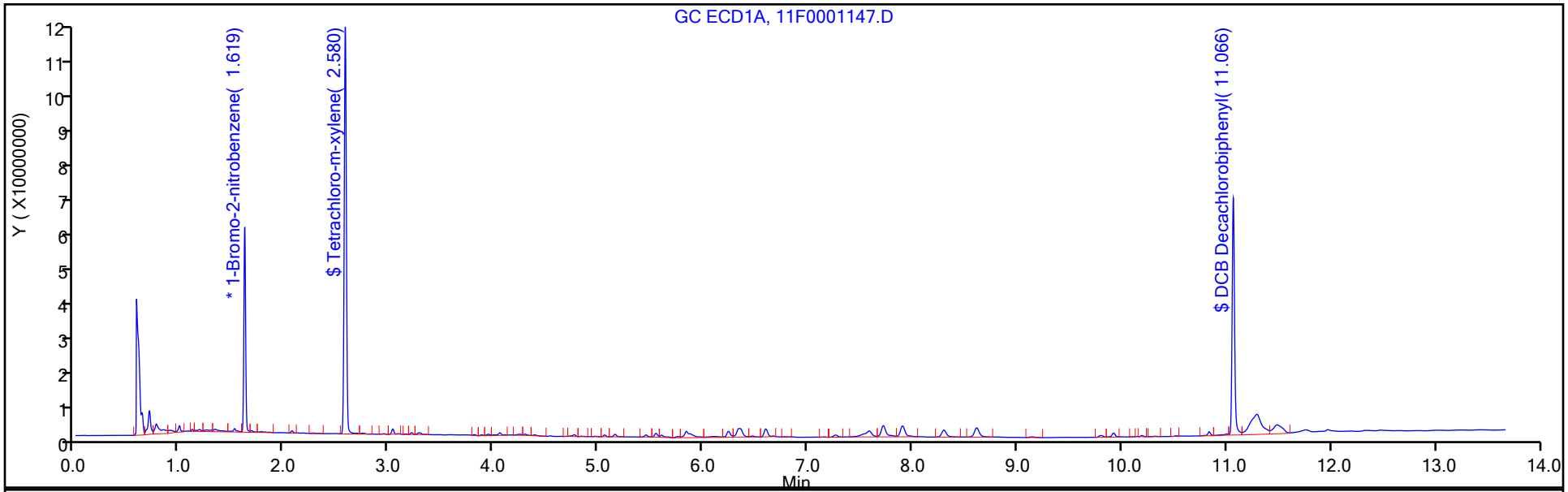
Reagents:

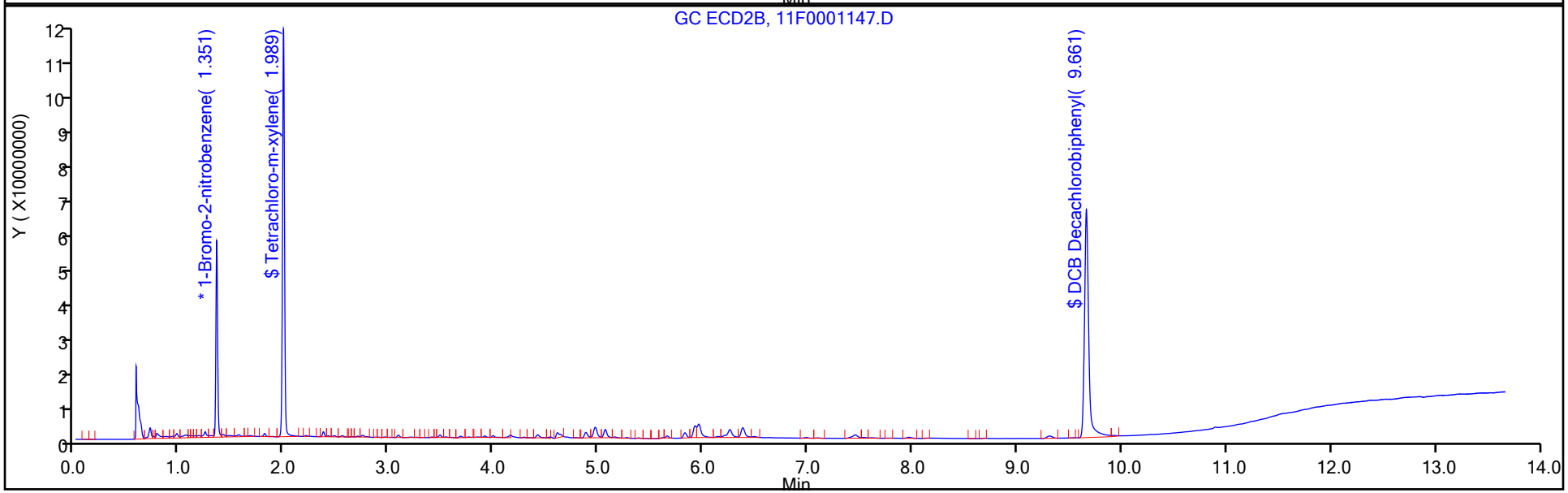
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 13:03:43 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001147.D				
Injection Date:	29-Apr-2021 12:09:15	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-6-A	Lab Sample ID:	460-233032-6	Worklist Smp#:	28
Client ID:	SB-05_3-5_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-06_0-2_20210427 Lab Sample ID: 460-233032-7

Matrix: Solid Lab File ID: 11F0001148.D

Analysis Method: 8082A Date Collected: 04/27/2021 13:05

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 12:26

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	0.064	J	0.078	0.011
1336-36-3	Polychlorinated biphenyls, Total	0.064	J	0.078	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		37-150
877-09-8	Tetrachloro-m-xylene	92		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001148.D
Lims ID: 460-233032-E-7-A
Client ID: SB-06_0-2_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 12:26:18 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-029
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 13:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 13:03:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.618	1.620	-0.002	65485071	20.0	
2	1.351	1.352	-0.001	61047641	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.579	2.583	-0.004	156356477	45.8	
2	1.989	1.991	-0.002	141818895	47.2	
					RPD = 3.05	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						
1	0.000	6.537	0.000	0	0	
1	0.000	6.790	0.000	0	0	
1	0.000	7.160	0.000	0	0	
1	7.983	7.989	-0.006	11134616	75.7	
1	8.573	8.579	-0.006	11687648	76.4	
1	9.142	9.149	-0.007	24444805	72.6	
1	9.818	9.821	-0.003	14744744	69.5	
1	10.525	10.506	0.019	8630510	118.9	
		Average of Peak Amounts =			82.6	
2	0.000	5.275	0.000	0	0	
2	0.000	5.613	0.000	0	0	
2	6.137	6.138	-0.001	12347168	81.1	
2	6.488	6.490	-0.002	10958890	67.3	
2	6.985	6.990	-0.005	21288418	60.0	
2	7.457	7.462	-0.005	11181385	60.2	
2	7.613	7.620	-0.007	8996603	84.6	
2	8.689	8.693	-0.004	8149957	86.3	
		Average of Peak Amounts =			73.2	
					RPD = 12.02	
$ 11 DCB Decachlorobiphenyl						a
1	11.078	11.043	0.035	104563089	49.0	a
2	9.664	9.664	0.000	178024201	51.9	a
					RPD = 5.75	
S 12 Polychlorinated biphenyls, Total						
1					82.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

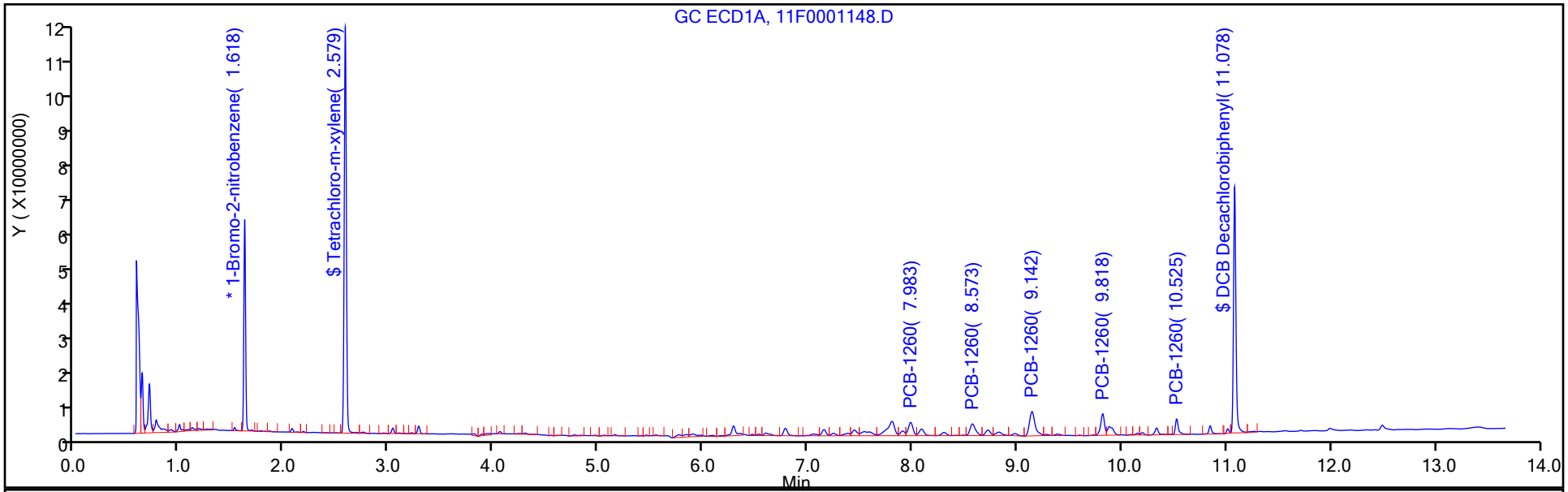
Reagents:

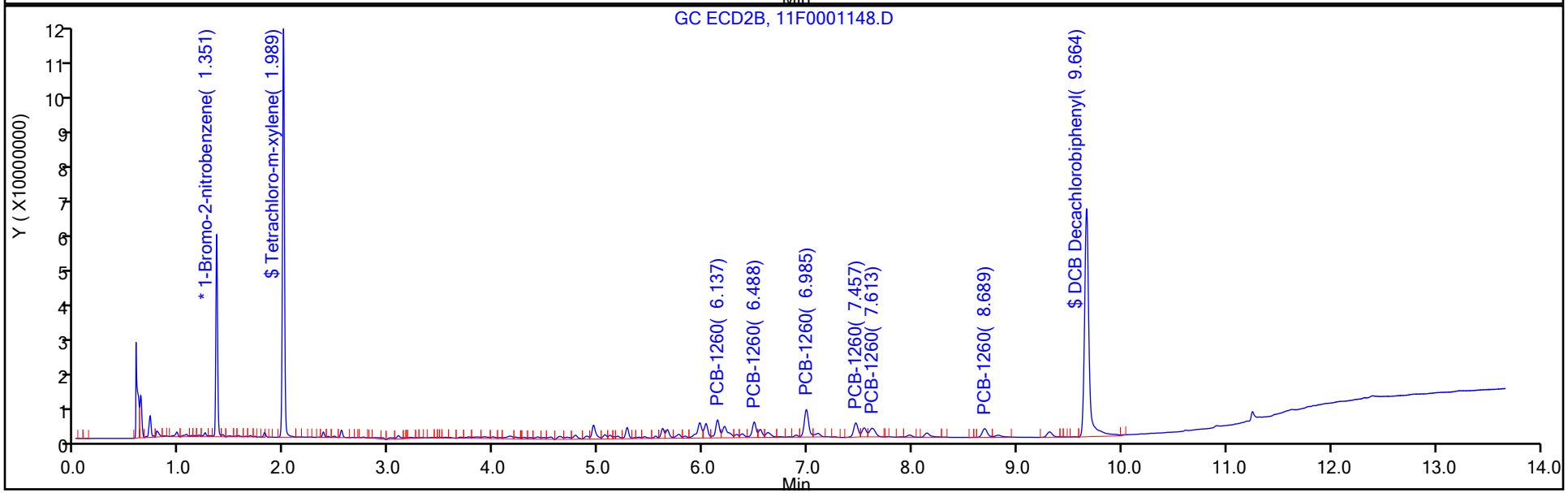
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 13:03:45 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001148.D				
Injection Date:	29-Apr-2021 12:26:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-7-A	Lab Sample ID:	460-233032-7	Worklist Smp#:	29
Client ID:	SB-06_0-2_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

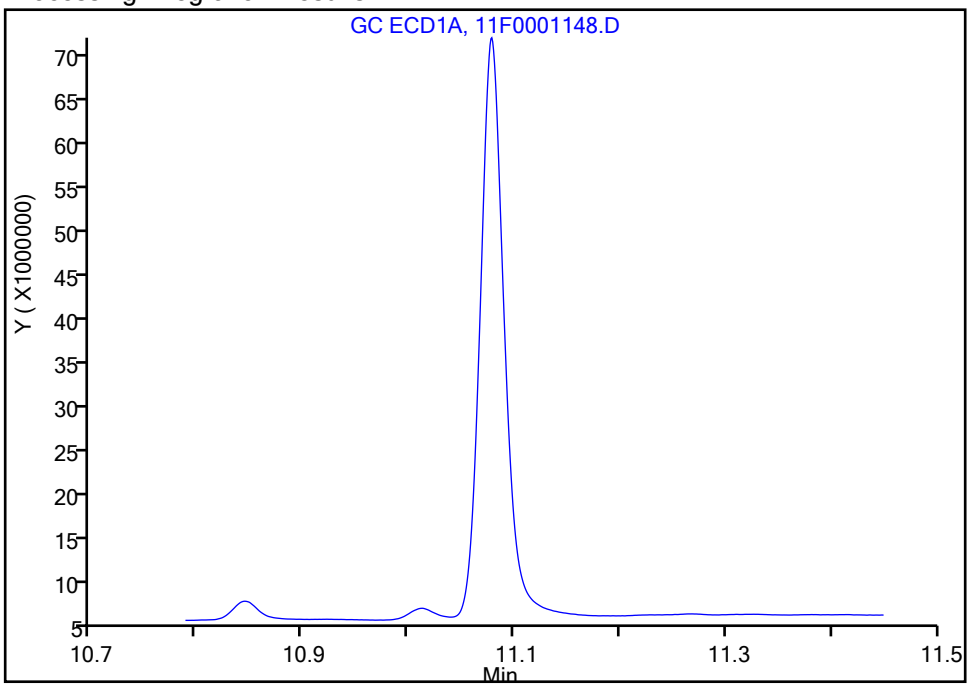
Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001148.D				
Injection Date:	29-Apr-2021 12:26:18	Instrument ID:	CPESTGC11		
Lims ID:	460-233032-E-7-A	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

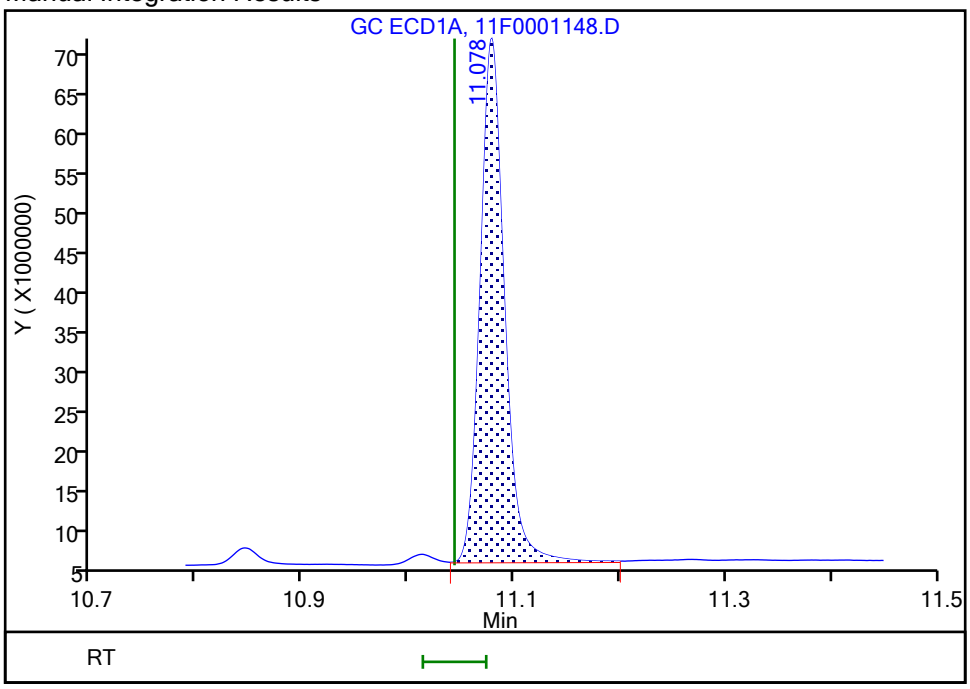
Not Detected
Expected RT: 11.04

Processing Integration Results



Manual Integration Results

RT: 11.08
Area: 104563089
Amount: 48.966120
Amount Units: ug/l



Reviewer: babud, 29-Apr-2021 13:02:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-06_0-2_20210427 Lab Sample ID: 460-233032-7

Matrix: Solid Lab File ID: 11F0001148.D

Analysis Method: 8082A Date Collected: 04/27/2021 13:05

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 12:26

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.078	U	0.078	0.010
11104-28-2	Aroclor 1221	0.078	U	0.078	0.010
11141-16-5	Aroclor 1232	0.078	U	0.078	0.010
53469-21-9	Aroclor 1242	0.078	U	0.078	0.010
12672-29-6	Aroclor 1248	0.078	U	0.078	0.010
11097-69-1	Aroclor 1254	0.078	U	0.078	0.011
37324-23-5	Aroclor-1262	0.078	U	0.078	0.011
11100-14-4	Aroclor 1268	0.078	U	0.078	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		37-150
877-09-8	Tetrachloro-m-xylene	94		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001148.D
Lims ID: 460-233032-E-7-A
Client ID: SB-06_0-2_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 12:26:18 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-029
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 13:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 13:03:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.618	1.620	-0.002	65485071	20.0	
2	1.351	1.352	-0.001	61047641	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.579	2.583	-0.004	156356477	45.8	
2	1.989	1.991	-0.002	141818895	47.2	
					RPD = 3.05	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						
1	0.000	6.537	0.000	0	0	
1	0.000	6.790	0.000	0	0	
1	0.000	7.160	0.000	0	0	
1	7.983	7.989	-0.006	11134616	75.7	
1	8.573	8.579	-0.006	11687648	76.4	
1	9.142	9.149	-0.007	24444805	72.6	
1	9.818	9.821	-0.003	14744744	69.5	
1	10.525	10.506	0.019	8630510	118.9	
		Average of Peak Amounts =			82.6	
2	0.000	5.275	0.000	0	0	
2	0.000	5.613	0.000	0	0	
2	6.137	6.138	-0.001	12347168	81.1	
2	6.488	6.490	-0.002	10958890	67.3	
2	6.985	6.990	-0.005	21288418	60.0	
2	7.457	7.462	-0.005	11181385	60.2	
2	7.613	7.620	-0.007	8996603	84.6	
2	8.689	8.693	-0.004	8149957	86.3	
		Average of Peak Amounts =			73.2	
					RPD = 12.02	
$ 11 DCB Decachlorobiphenyl						a
1	11.078	11.043	0.035	104563089	49.0	a
2	9.664	9.664	0.000	178024201	51.9	a
					RPD = 5.75	
S 12 Polychlorinated biphenyls, Total						
1					82.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

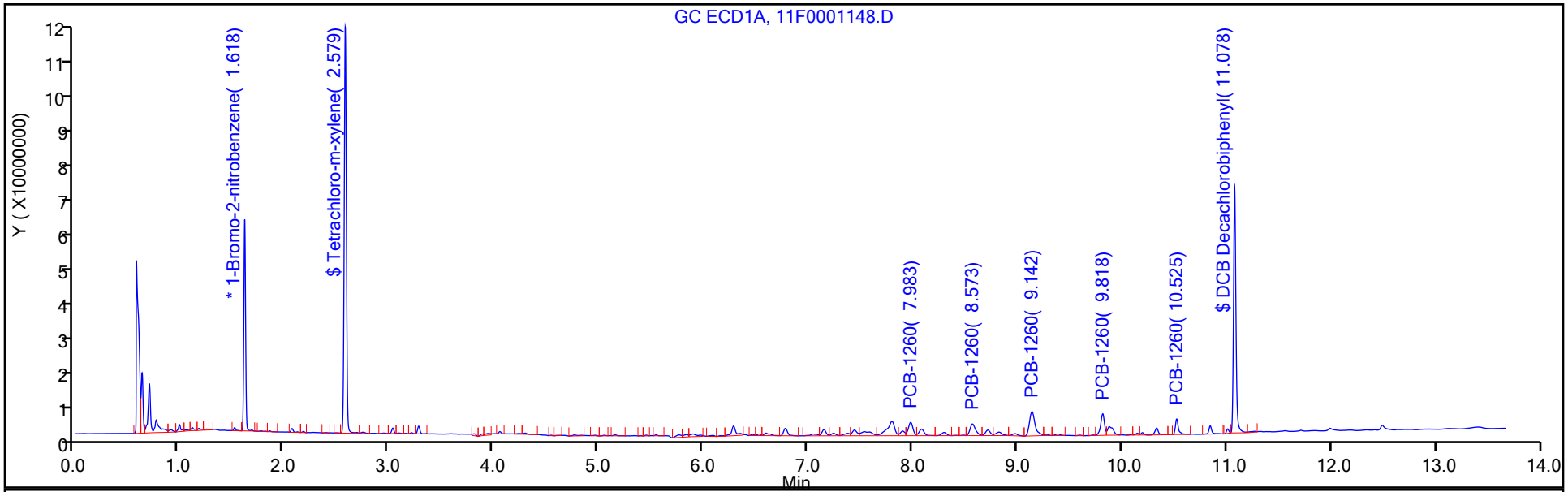
Reagents:

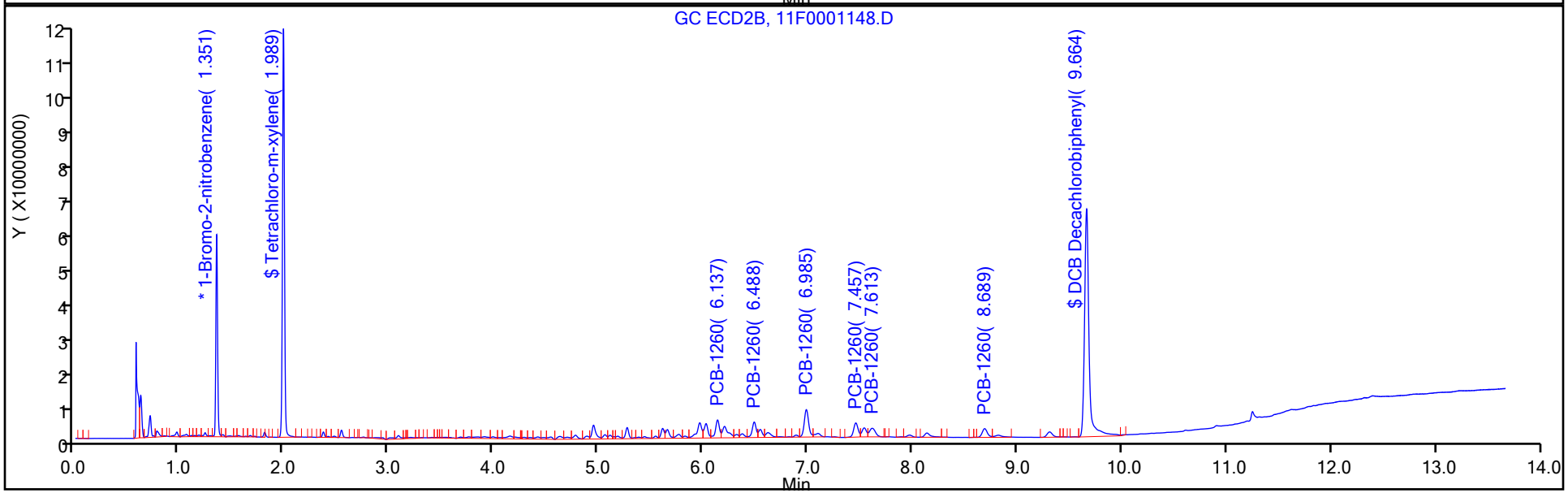
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 13:03:46 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001148.D				
Injection Date:	29-Apr-2021 12:26:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-7-A	Lab Sample ID:	460-233032-7	Worklist Smp#:	29
Client ID:	SB-06_0-2_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

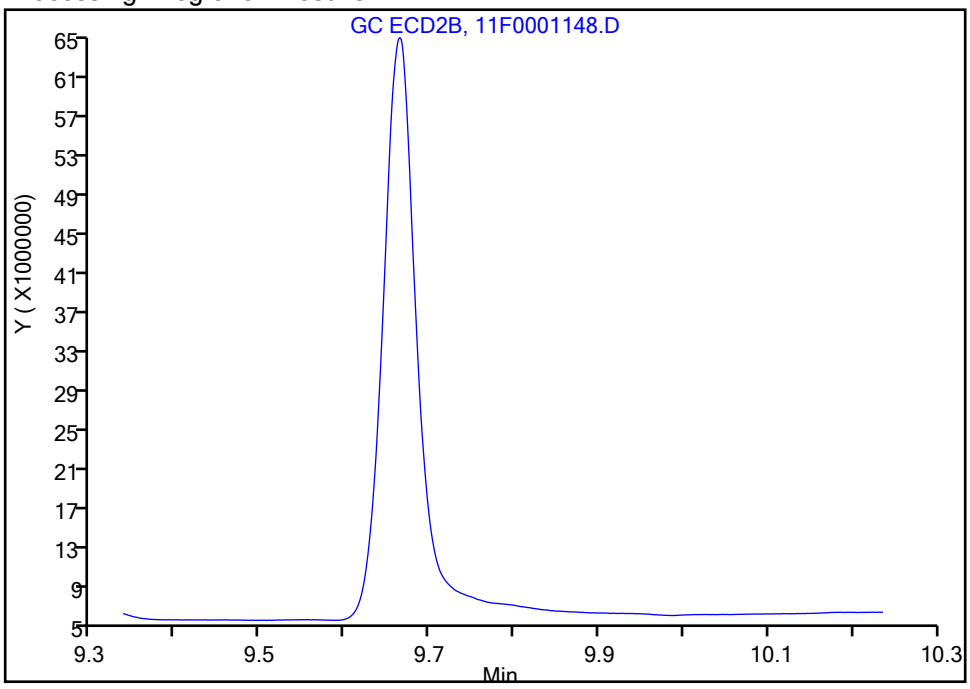
Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001148.D				
Injection Date:	29-Apr-2021 12:26:18	Instrument ID:	CPESTGC11		
Lims ID:	460-233032-E-7-A	Lab Sample ID:	460-233032-7		
Client ID:	SB-06_0-2_20210427				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

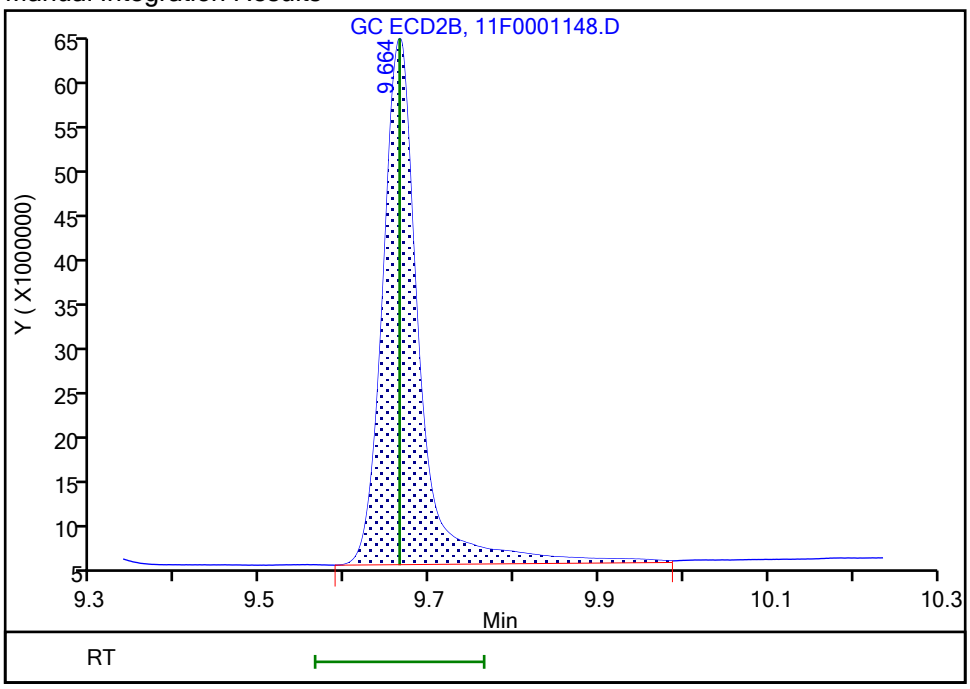
Not Detected
Expected RT: 9.66

Processing Integration Results



RT: 9.66
Area: 178024201
Amount: 51.864742
Amount Units: ug/l

Manual Integration Results



Reviewer: babud, 29-Apr-2021 13:02:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-06_6-8_20210427 Lab Sample ID: 460-233032-8

Matrix: Solid Lab File ID: 11F0001149.D

Analysis Method: 8082A Date Collected: 04/27/2021 13:15

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 12:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		37-150
877-09-8	Tetrachloro-m-xylene	110		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001149.D
Lims ID: 460-233032-E-8-A
Client ID: SB-06_6-8_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 12:43:20 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-030
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 13:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 13:03:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.619	1.620	-0.001	62250463	20.0	
2	1.352	1.352	0.000	58291061	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.580	2.583	-0.003	178094272	54.9	
2	1.990	1.991	-0.001	161715714	56.4	
					RPD = 2.72	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	11.083	11.043	0.040	116809690	57.5	a
2	9.666	9.664	0.002	200263497	61.1	a
					RPD = 6.00	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

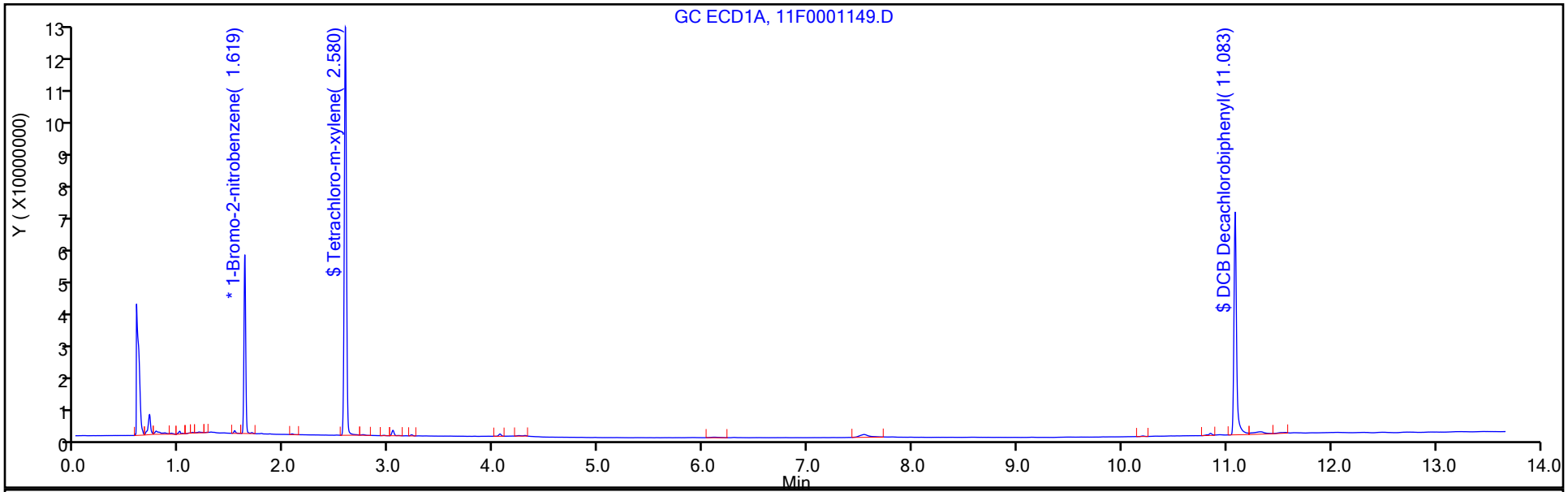
Reagents:

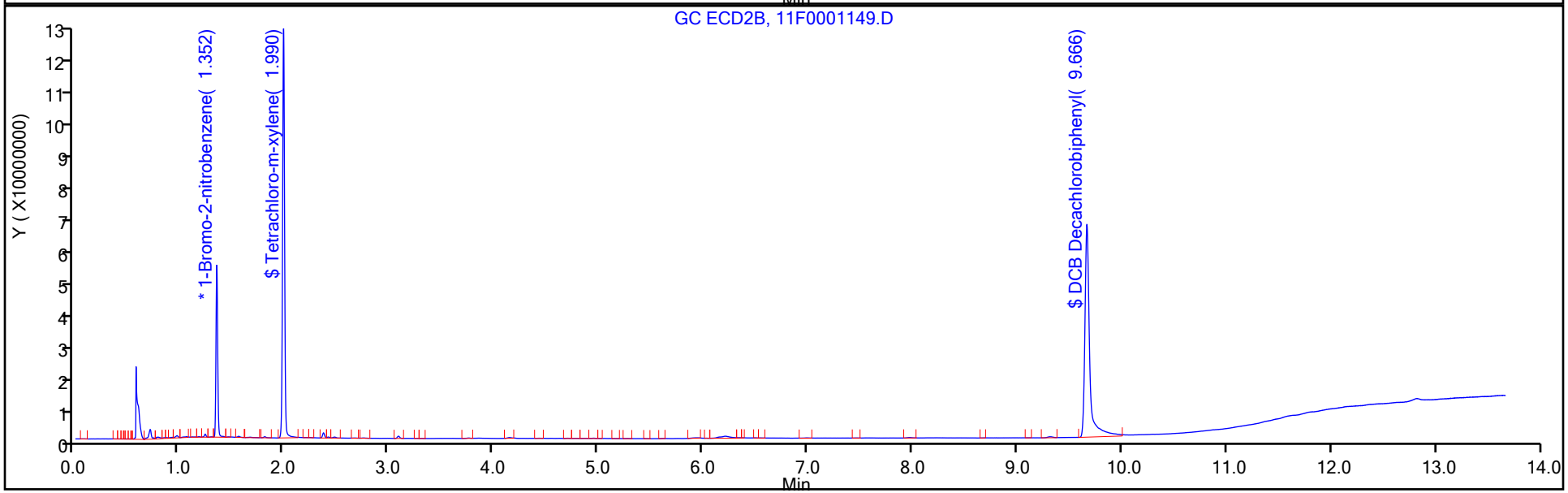
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 13:03:48 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001149.D				
Injection Date:	29-Apr-2021 12:43:20	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-8-A	Lab Sample ID:	460-233032-8	Worklist Smp#:	30
Client ID:	SB-06_6-8_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Eurofins TestAmerica, Edison

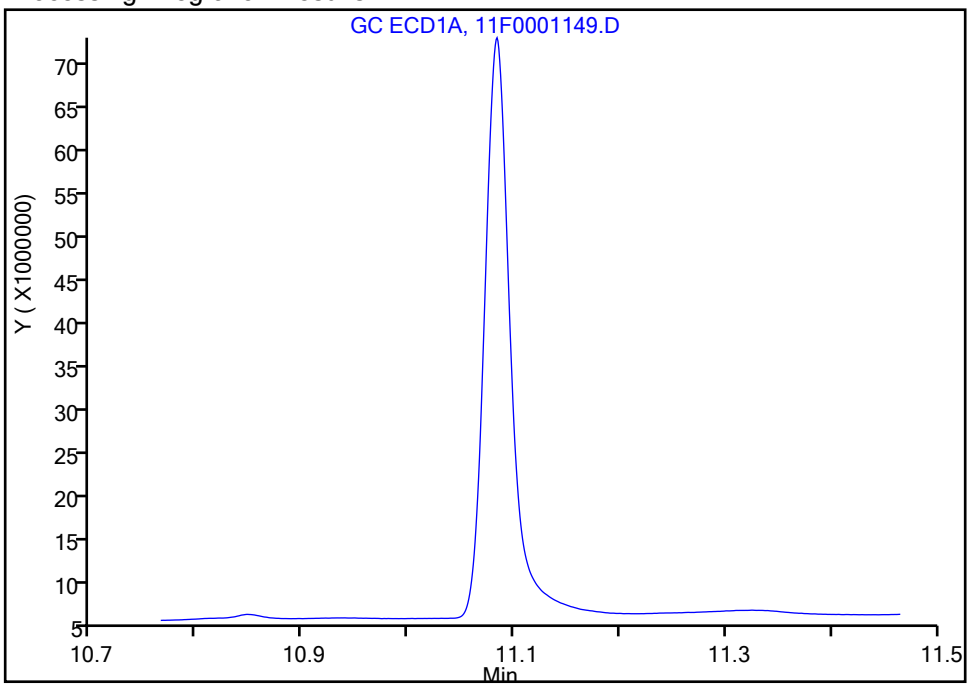
Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001149.D				
Injection Date:	29-Apr-2021 12:43:20	Instrument ID:	CPESTGC11		
Lims ID:	460-233032-E-8-A	Lab Sample ID:	460-233032-8		
Client ID:	SB-06_6-8_20210427				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

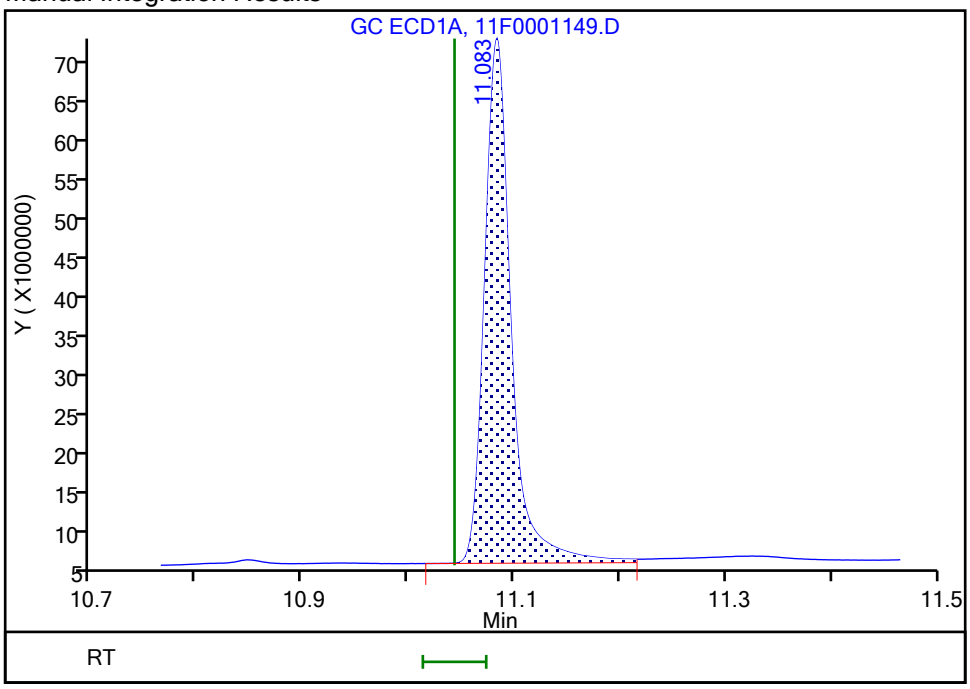
Not Detected
Expected RT: 11.04

Processing Integration Results



Manual Integration Results

RT: 11.08
Area: 116809690
Amount: 57.543447
Amount Units: ug/l



Reviewer: babud, 29-Apr-2021 13:03:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: SB-06_6-8_20210427 Lab Sample ID: 460-233032-8

Matrix: Solid Lab File ID: 11F0001149.D

Analysis Method: 8082A Date Collected: 04/27/2021 13:15

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 12:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.075	U	0.075	0.010
11104-28-2	Aroclor 1221	0.075	U	0.075	0.010
11141-16-5	Aroclor 1232	0.075	U	0.075	0.010
53469-21-9	Aroclor 1242	0.075	U	0.075	0.010
12672-29-6	Aroclor 1248	0.075	U	0.075	0.010
11097-69-1	Aroclor 1254	0.075	U	0.075	0.010
11096-82-5	Aroclor 1260	0.075	U	0.075	0.010
37324-23-5	Aroclor-1262	0.075	U	0.075	0.010
11100-14-4	Aroclor 1268	0.075	U	0.075	0.010
1336-36-3	Polychlorinated biphenyls, Total	0.075	U	0.075	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		37-150
877-09-8	Tetrachloro-m-xylene	113		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001149.D
Lims ID: 460-233032-E-8-A
Client ID: SB-06_6-8_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 12:43:20 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-030
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 13:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 13:03:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.619	1.620	-0.001	62250463	20.0	
2	1.352	1.352	0.000	58291061	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.580	2.583	-0.003	178094272	54.9	
2	1.990	1.991	-0.001	161715714	56.4	
					RPD = 2.72	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	11.083	11.043	0.040	116809690	57.5	a
2	9.666	9.664	0.002	200263497	61.1	a
					RPD = 6.00	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

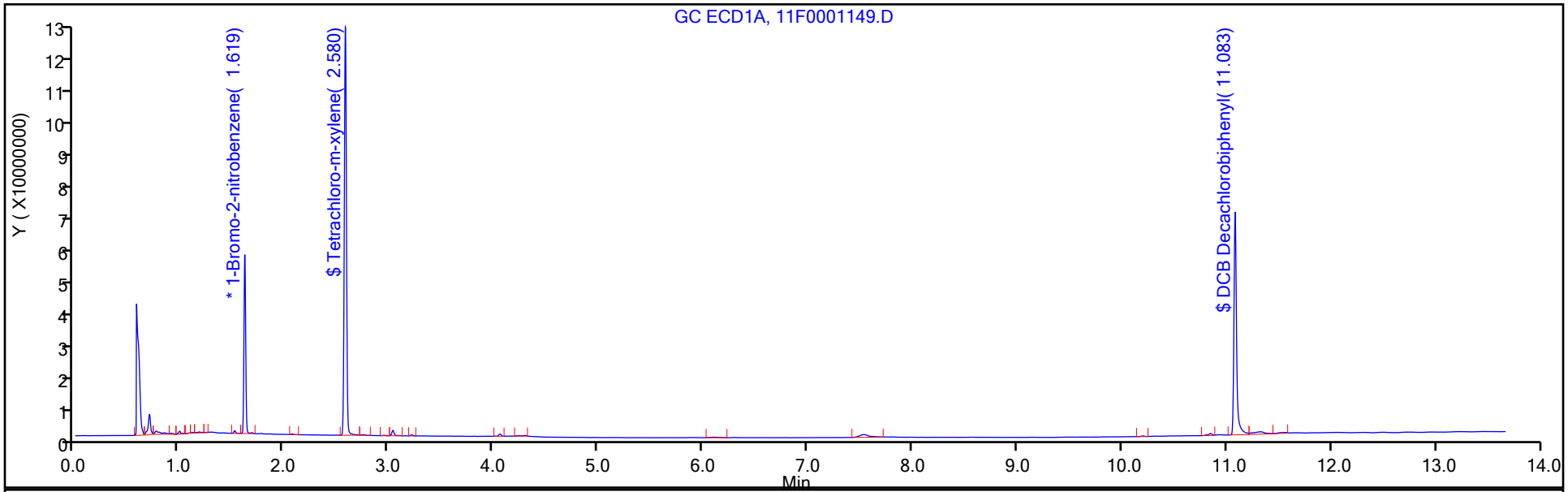
Reagents:

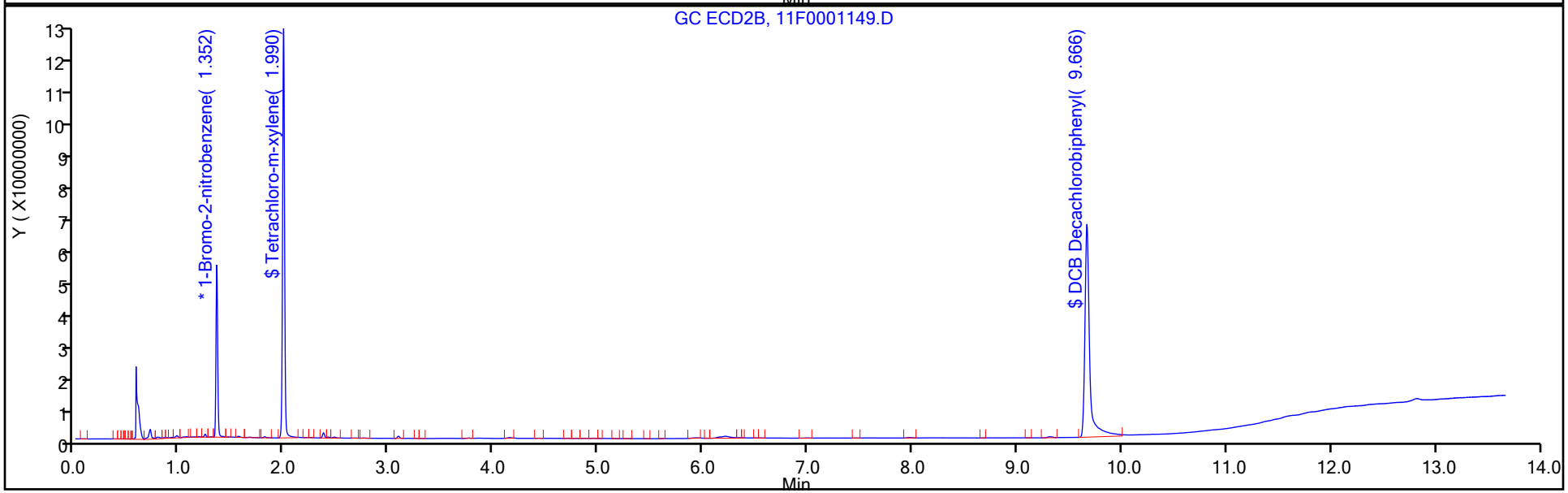
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 13:03:48 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001149.D				
Injection Date:	29-Apr-2021 12:43:20	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-233032-E-8-A	Lab Sample ID:	460-233032-8	Worklist Smp#:	30
Client ID:	SB-06_6-8_20210427				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

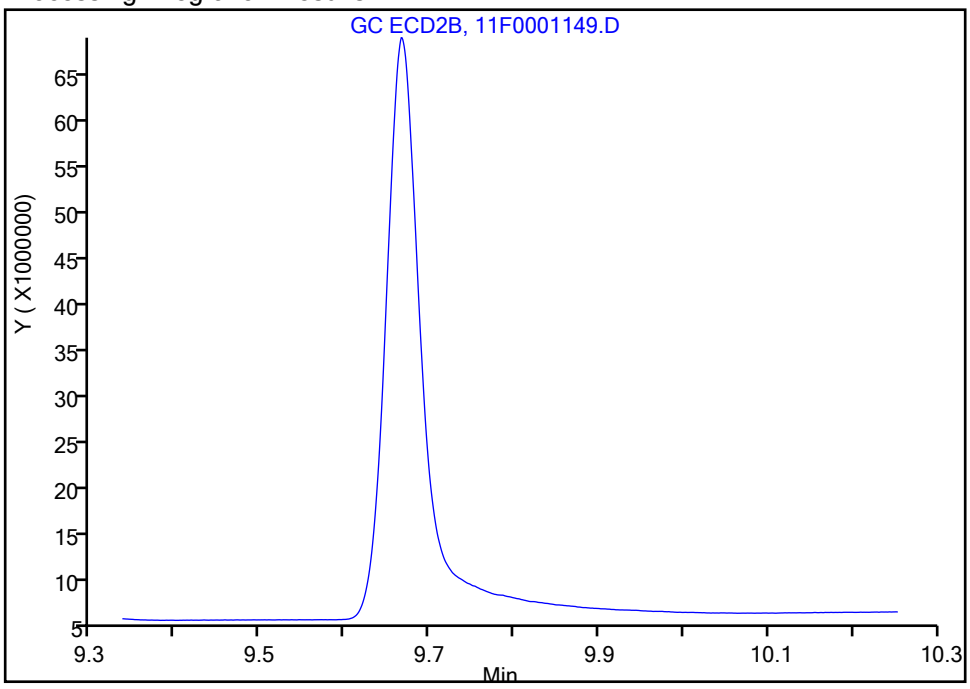
Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001149.D				
Injection Date:	29-Apr-2021 12:43:20	Instrument ID:	CPESTGC11		
Lims ID:	460-233032-E-8-A	Lab Sample ID:	460-233032-8		
Client ID:	SB-06_6-8_20210427				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

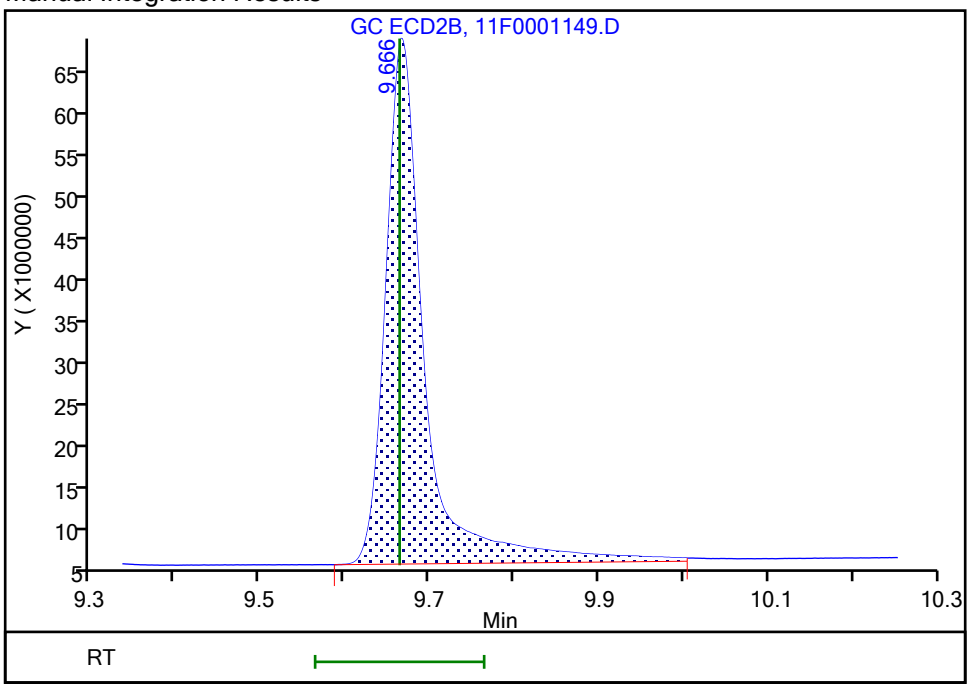
Not Detected
Expected RT: 9.66

Processing Integration Results



RT: 9.67
Area: 200263497
Amount: 61.102910
Amount Units: ug/l

Manual Integration Results



Reviewer: babud, 29-Apr-2021 13:03:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 10:48 Calibration End Date: 12/28/2020 11:56 Calibration ID: 83232

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/3	T1580620.D
Level 2	IC 460-749765/4	T1580621.D
Level 3	IC 460-749765/2	T1580619.D
Level 4	IC 460-749765/5	T1580622.D
Level 5	IC 460-749765/6	T1580623.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0183	0.0207	0.0183	0.0200	0.0182	Ave		0.0191				6.1		20.0			
PCB-1016 Peak 2	0.0386	0.0427	0.0377	0.0409	0.0373	Ave		0.0394				5.8		20.0			
PCB-1016 Peak 3	0.0800	0.0794	0.0704	0.0787	0.0741	Ave		0.0765				5.4		20.0			
PCB-1016 Peak 4	0.0311	0.0339	0.0302	0.0339	0.0313	Ave		0.0321				5.3		20.0			
PCB-1016 Peak 5	0.0228	0.0264	0.0236	0.0267	0.0247	Ave		0.0249				6.8		20.0			
PCB-1016 Peak 6	0.0242	0.0264	0.0234	0.0260	0.0241	Ave		0.0248				5.3		20.0			
PCB-1016 Peak 7	0.0281	0.0312	0.0277	0.0310	0.0287	Ave		0.0293				5.6		20.0			
PCB-1016 Peak 8	0.0228	0.0256	0.0225	0.0252	0.0235	Ave		0.0239				5.9		20.0			
PCB-1260 Peak 1	0.0240	0.0261	0.0233	0.0266	0.0247	Ave		0.0249				5.6		20.0			
PCB-1260 Peak 2	0.0552	0.0580	0.0524	0.0602	0.0553	Ave		0.0562				5.3		20.0			
PCB-1260 Peak 3	0.0624	0.0649	0.0583	0.0671	0.0615	Ave		0.0628				5.3		20.0			
PCB-1260 Peak 4	0.0464	0.0463	0.0413	0.0481	0.0426	Ave		0.0449				6.4		20.0			
PCB-1260 Peak 5	0.0452	0.0487	0.0436	0.0512	0.0448	Ave		0.0467				6.7		20.0			
PCB-1260 Peak 6	0.0959	0.1078	0.0968	0.1137	0.1004	Ave		0.1029				7.4		20.0			
PCB-1260 Peak 7	0.0608	0.0685	0.0610	0.0702	0.0633	Ave		0.0648				6.7		20.0			
PCB-1260 Peak 8	0.0206	0.0238	0.0210	0.0237	0.0217	Ave		0.0222				6.8		20.0			
Tetrachloro-m-xylene	0.9589	1.1256	1.0005	1.0955	1.0322	Ave		1.0425				6.5		20.0			
DCB Decachlorobiphenyl	0.6305	0.7040	0.6085	0.6817	0.6362	Ave		0.6522				6.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 10:48 Calibration End Date: 12/28/2020 11:56 Calibration ID: 83232

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/3	T1580620.D
Level 2	IC 460-749765/4	T1580621.D
Level 3	IC 460-749765/2	T1580619.D
Level 4	IC 460-749765/5	T1580622.D
Level 5	IC 460-749765/6	T1580623.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	2054320	22706597	40187982	65282155	100559983	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	4319163	46839196	82850607	133222997	205771724	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	8960928	87108093	154718228	256727614	408604164	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	3486352	37177414	66370644	110607113	172795849	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	2555723	28956378	51951143	87228588	136297406	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	2705718	28974880	51346456	84686975	132753906	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	3146687	34246039	60859237	101032206	158479281	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	2553259	28140567	49463217	82049629	129637643	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	2687706	28685058	51164306	86695842	135962996	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	6185692	63679424	115187961	196176674	304935518	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	6982744	71241809	128198776	218708917	338856109	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	5198468	50800621	90709002	156788204	234866451	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	5063844	53451651	95931735	166984074	246982591	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	10735817	118253348	212759375	370611221	553667576	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	6803866	75140343	133985862	229030008	349178697	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	2308313	26158352	46084219	77158929	119847323	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	26845504	123497564	219910937	357235997	455254329	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	17650983	77244751	133742365	222305621	280603855	12.5	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580619.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 28-Dec-2020 10:48:01 ALS Bottle#: 7 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:32:45 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 10:06:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.701	1.701	0.000	43959238	20.0	20.0	
2	1.425	1.425	0.000	47926496	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.690	2.690	0.000	219910937	100.0	96.0	
2	2.086	2.086	0.000	226722154	100.0	96.2	M
						RPD = 0.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.308	3.308	0.000	40187982	1000.0	956.5	
1	3.820	3.820	0.000	82850607	1000.0	956.1	
1	4.394	4.394	0.000	154718228	1000.0	919.8	M
1	4.562	4.562	0.000	66370644	1000.0	940.9	M
1	4.689	4.689	0.000	51951143	1000.0	950.6	M
1	5.152	5.152	0.000	51346456	1000.0	942.1	M
1	5.305	5.305	0.000	60859237	1000.0	943.5	M
1	5.692	5.692	0.000	49463217	1000.0	940.6	M
		Average of Peak Amounts =				943.8	
2	2.466	2.466	0.000	41684488	1000.0	945.8	M
2	2.848	2.848	0.000	81946172	1000.0	955.6	
2	3.066	3.066	0.000	55948872	1000.0	954.8	
2	3.362	3.362	0.000	178084777	1000.0	954.6	
2	3.512	3.512	0.000	73899029	1000.0	947.5	
2	3.581	3.581	0.000	44924016	1000.0	927.8	
2	3.984	3.984	0.000	75505586	1000.0	926.4	
2	4.427	4.427	0.000	43674919	1000.0	929.9	M
		Average of Peak Amounts =				942.8	
						RPD = 0.10	
8 PCB-1260							M
1	6.714	6.714	0.000	51164306	1000.0	933.6	M
1	6.976	6.976	0.000	115187961	1000.0	932.0	M
1	7.355	7.355	0.000	128198776	1000.0	928.3	M
1	8.210	8.210	0.000	90709002	1000.0	918.4	M
1	8.817	8.817	0.000	95931735	1000.0	934.2	M
1	9.400	9.400	0.000	212759375	1000.0	940.7	M
1	9.966	9.966	0.000	133985862	1000.0	941.4	
1	10.616	10.616	0.000	46084219	1000.0	946.0	
		Average of Peak Amounts =				934.3	
2	5.418	5.418	0.000	120545917	1000.0	945.4	M
2	5.770	5.770	0.000	225337466	1000.0	947.4	M
2	6.313	6.313	0.000	107748500	1000.0	901.3	M
2	6.679	6.679	0.000	119548885	1000.0	935.1	M
2	7.196	7.196	0.000	264489560	1000.0	948.9	M
2	7.686	7.686	0.000	139431954	1000.0	956.9	
2	7.846	7.846	0.000	79105161	1000.0	947.3	
2	8.951	8.951	0.000	70970774	1000.0	957.7	
		Average of Peak Amounts =				942.5	
						RPD = 0.87	
$ 11 DCB Decachlorobiphenyl							
1	11.140	11.140	0.000	133742365	100.0	93.3	
2	9.835	9.835	0.000	253259833	100.0	94.0	
						RPD = 0.73	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

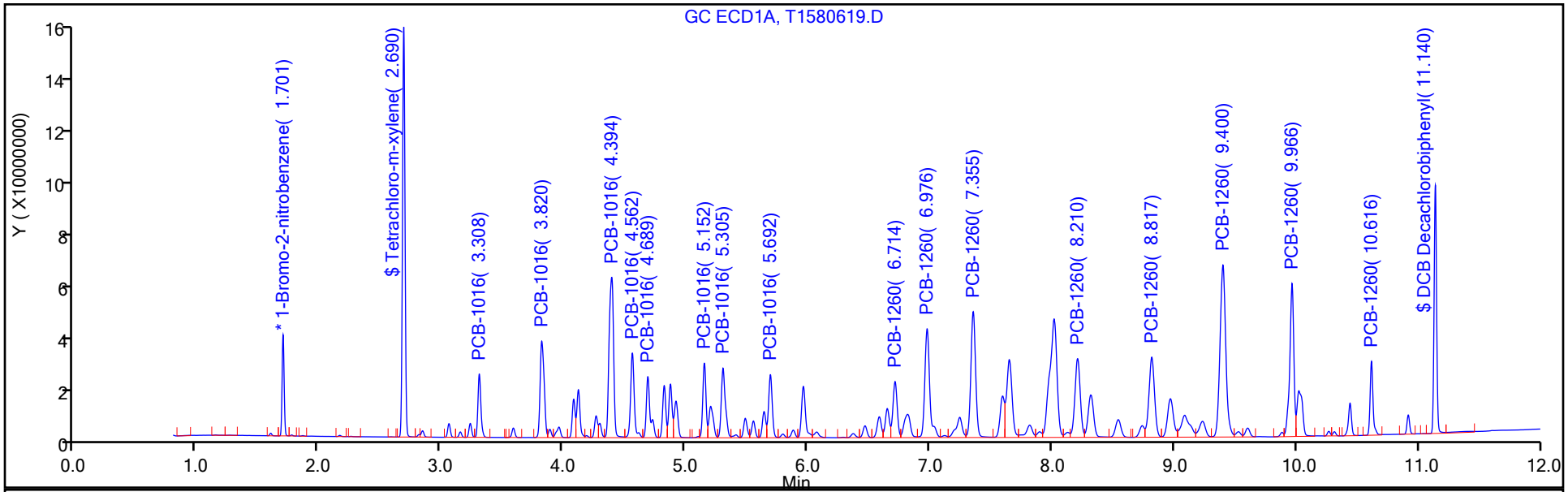
SG1660L3_00038	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

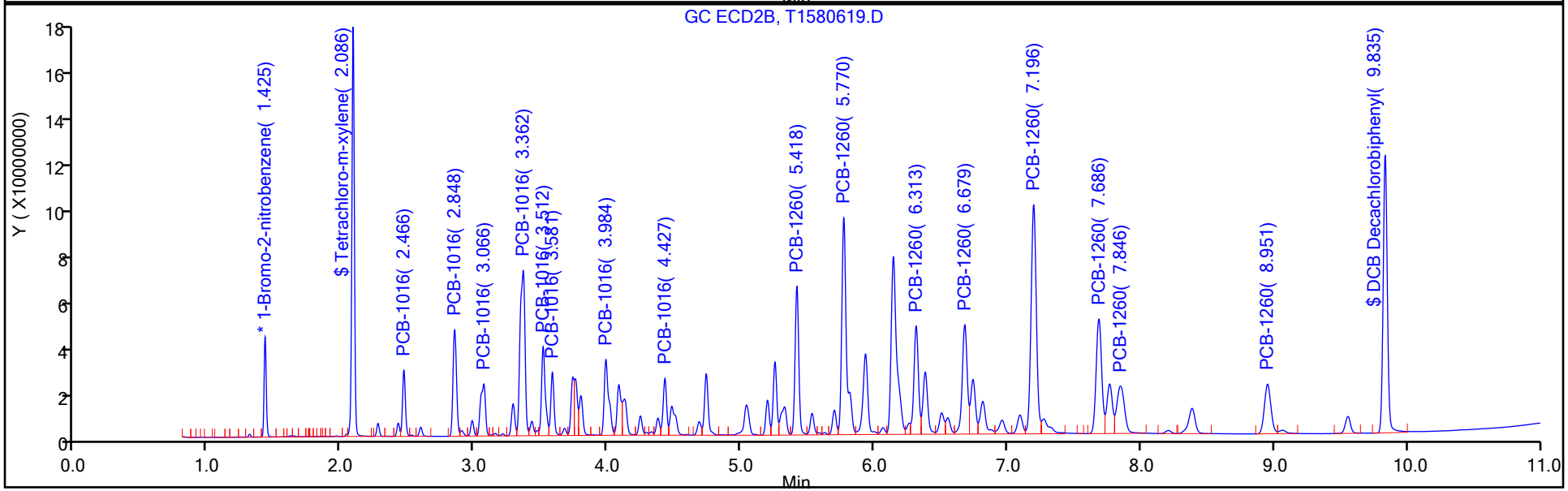
Report Date: 28-Dec-2020 13:32:45 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580619.D

Injection Date:	28-Dec-2020 10:48:01	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 3			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 28-Dec-2020 13:32:46 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580619.D

Injection Date: 28-Dec-2020 10:48:01 Instrument ID: CPESTGC11

Lims ID: IC PCB 3

Client ID:

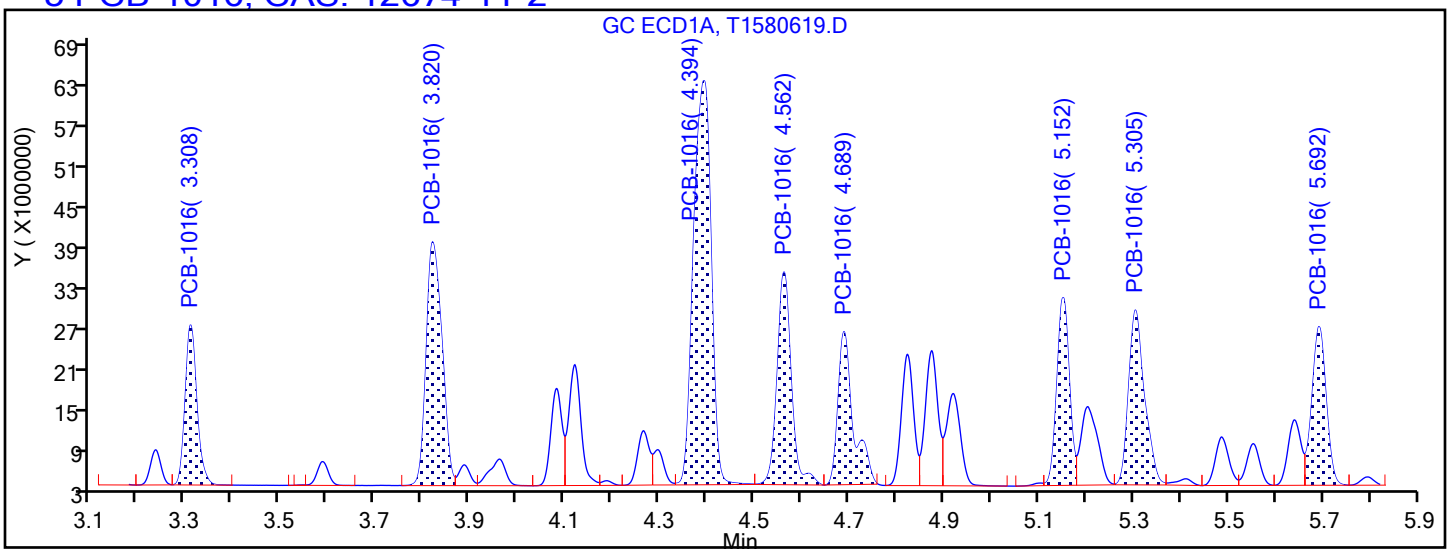
Operator ID: ALS Bottle#: 7 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

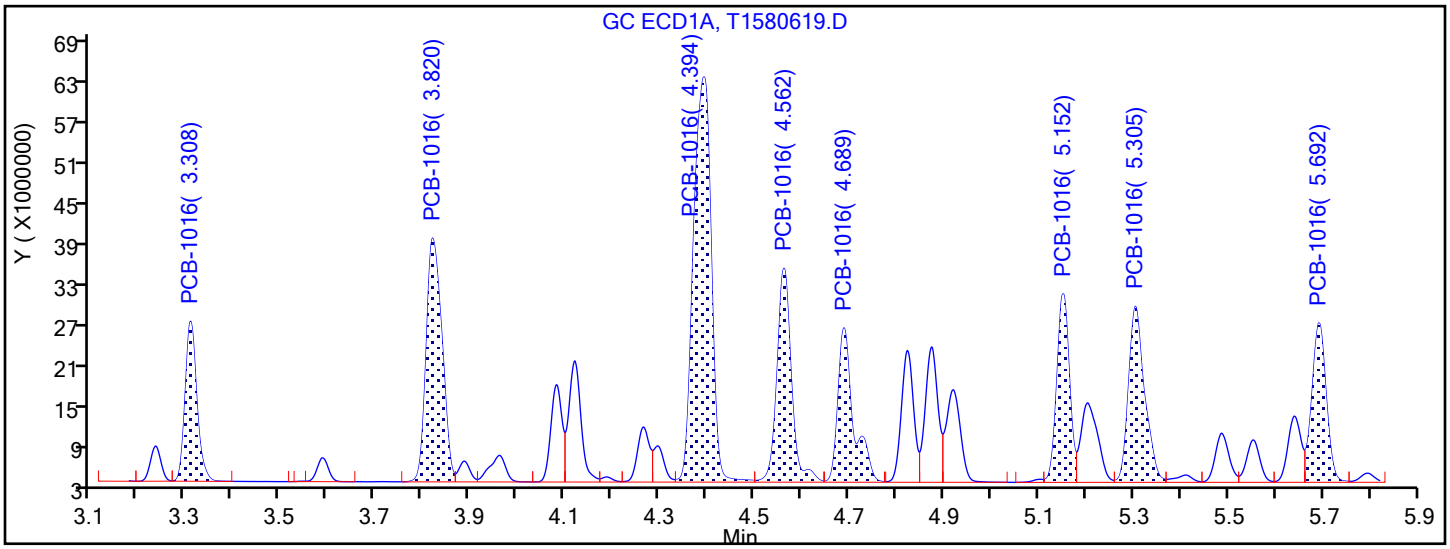
Column: Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.308	Response = 40187982
3.820	Response = 82850607
4.394	Response = 152994824
4.562	Response = 64848498
4.689	Response = 50436849
5.152	Response = 50924662
5.305	Response = 59688968
5.692	Response = 48808359



Manual Integration Results

3.308	Response = 40187982	
3.820	Response = 82850607	
4.394	Response = 154718228	M
4.562	Response = 66370644	M
4.689	Response = 51951143	M
5.152	Response = 51346456	M

Report Date: 28-Dec-2020 13:32:46 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580619.D

Injection Date: 28-Dec-2020 10:48:01 Instrument ID: CPESTGC11

Lims ID: IC PCB 3

Client ID:

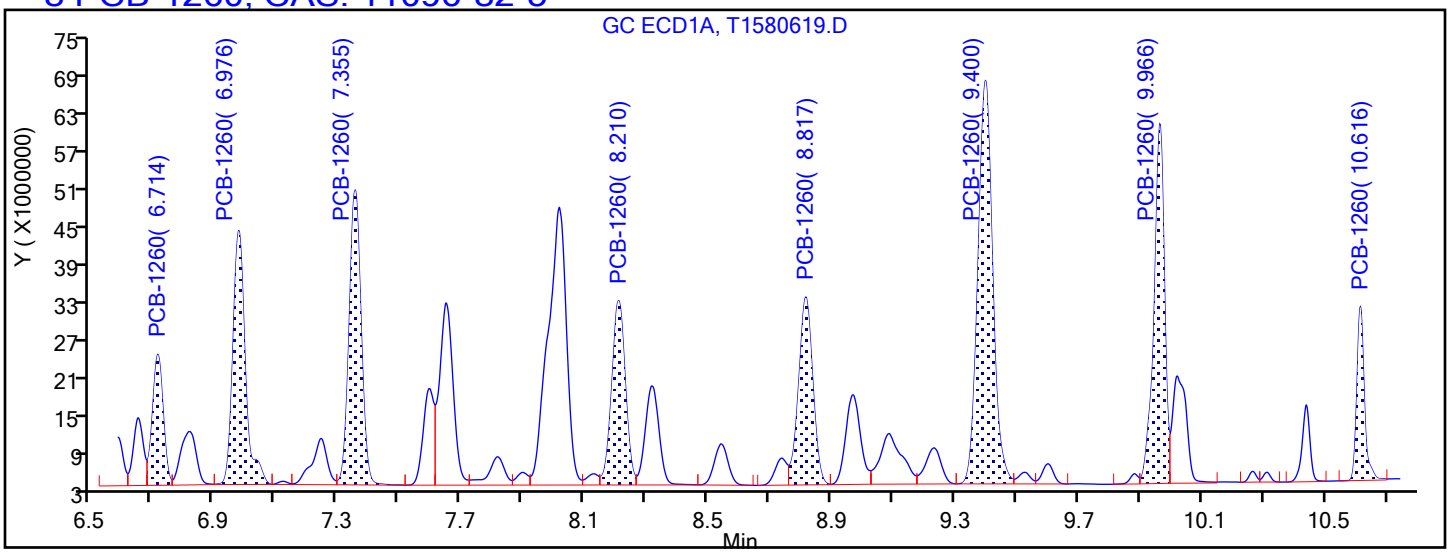
Operator ID: ALS Bottle#: 7 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

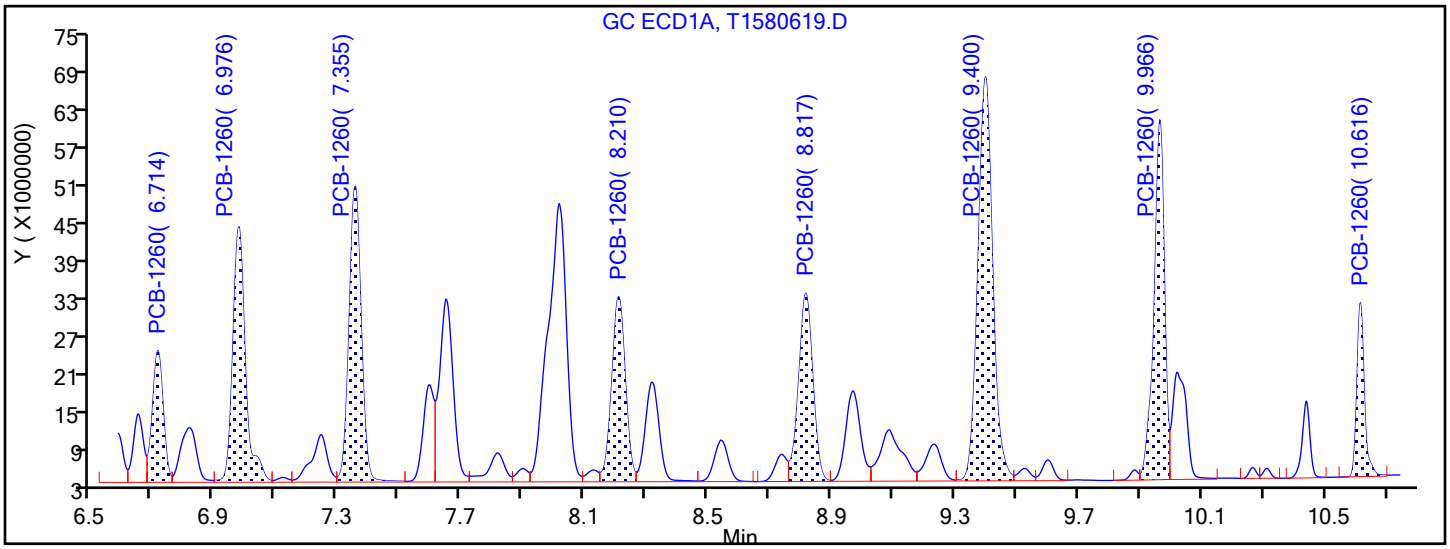
Column: Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.714	Response = 50506611
6.976	Response = 112399969
7.355	Response = 126292360
8.210	Response = 90043015
8.817	Response = 95522682
9.400	Response = 211348337
9.966	Response = 133985862
10.616	Response = 46084219



Manual Integration Results

6.714	Response = 51164306	M
6.976	Response = 115187961	M
7.355	Response = 128198776	M
8.210	Response = 90709002	M
8.817	Response = 95931735	M
9.400	Response = 212759375	M

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580620.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 28-Dec-2020 11:05:04 ALS Bottle#: 8 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:32:49 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 10:35:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.703	1.701	0.002	44793629	20.0	20.0	
2	1.426	1.425	0.001	48468888	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.690	2.690	0.000	26845504	12.5	11.5	
2	2.086	2.086	0.000	27236392	12.5	11.4	M
						RPD = 0.65	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.309	3.308	0.001	2054320	50.0	48.0	
1	3.820	3.820	0.000	4319163	50.0	48.9	M
1	4.394	4.394	0.000	8960928	50.0	52.3	M
1	4.562	4.562	0.000	3486352	50.0	48.5	M
1	4.690	4.689	0.001	2555723	50.0	45.9	M
1	5.152	5.152	0.000	2705718	50.0	48.7	M
1	5.304	5.305	-0.001	3146687	50.0	47.9	M
1	5.694	5.692	0.002	2553259	50.0	47.6	M
		Average of Peak Amounts =				48.5	
2	2.468	2.466	0.002	2296722	50.0	51.5	
2	2.848	2.848	0.000	4188085	50.0	48.3	M
2	3.069	3.066	0.003	2756353	50.0	46.5	
2	3.363	3.362	0.001	8575452	50.0	45.5	
2	3.512	3.512	0.000	3735909	50.0	47.4	
2	3.582	3.581	0.001	2472282	50.0	50.5	
2	3.984	3.984	0.000	4100748	50.0	49.7	
2	4.425	4.427	-0.002	2324638	50.0	48.9	
		Average of Peak Amounts =				48.5	
						RPD = 0.13	
8 PCB-1260							M
1	6.714	6.714	0.000	2687706	50.0	48.1	
1	6.978	6.976	0.002	6185692	50.0	49.1	
1	7.354	7.355	-0.001	6982744	50.0	49.6	
1	8.210	8.210	0.000	5198468	50.0	51.7	M
1	8.818	8.817	0.001	5063844	50.0	48.4	
1	9.399	9.400	-0.001	10735817	50.0	46.6	
1	9.965	9.966	-0.001	6803866	50.0	46.9	
1	10.612	10.616	-0.004	2308313	50.0	46.5	M
		Average of Peak Amounts =				48.4	
2	5.418	5.418	0.000	6094327	50.0	47.3	M
2	5.770	5.770	0.000	11421394	50.0	47.5	M
2	6.315	6.313	0.002	6908458	50.0	57.1	M
2	6.679	6.679	0.000	6368449	50.0	49.3	M
2	7.197	7.196	0.001	12714684	50.0	45.1	M
2	7.685	7.686	-0.001	6468502	50.0	43.9	
2	7.845	7.846	-0.001	3699760	50.0	43.8	
2	8.954	8.951	0.003	3268127	50.0	43.6	
		Average of Peak Amounts =				47.2	
						RPD = 2.45	
$ 11 DCB Decachlorobiphenyl							M
1	11.132	11.140	-0.008	17650983	12.5	12.1	M
2	9.834	9.835	-0.001	32526386	12.5	11.9	
						RPD = 1.24	
S 12 Polychlorinated biphenyls, Total							
1						96.8	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

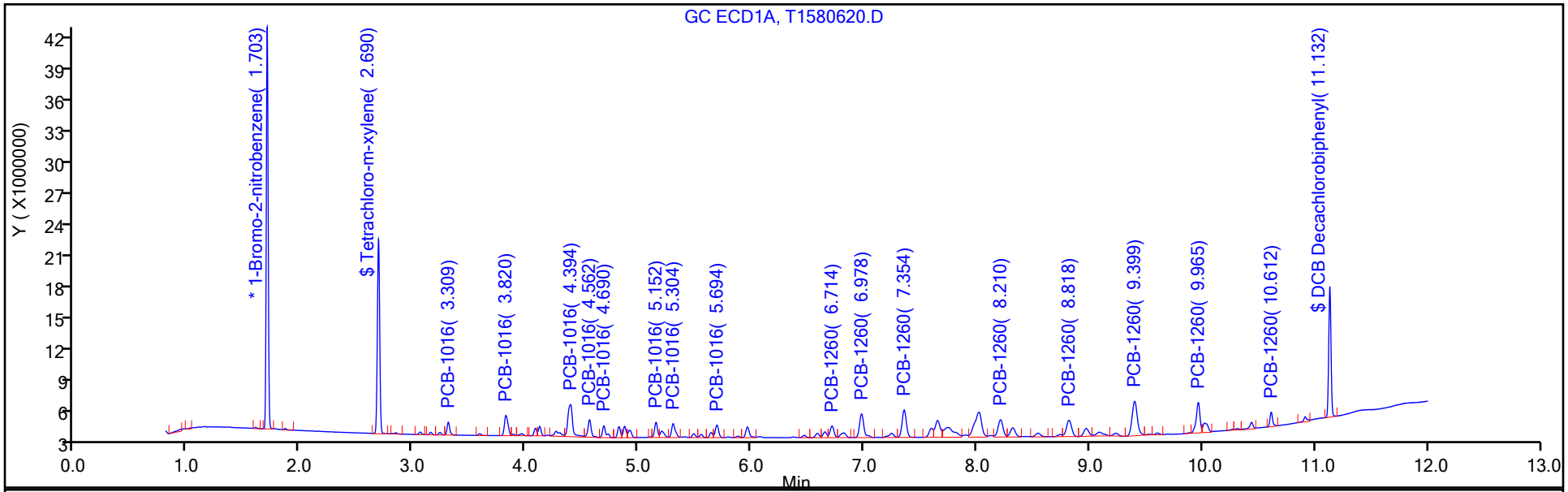
SG1660L1_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

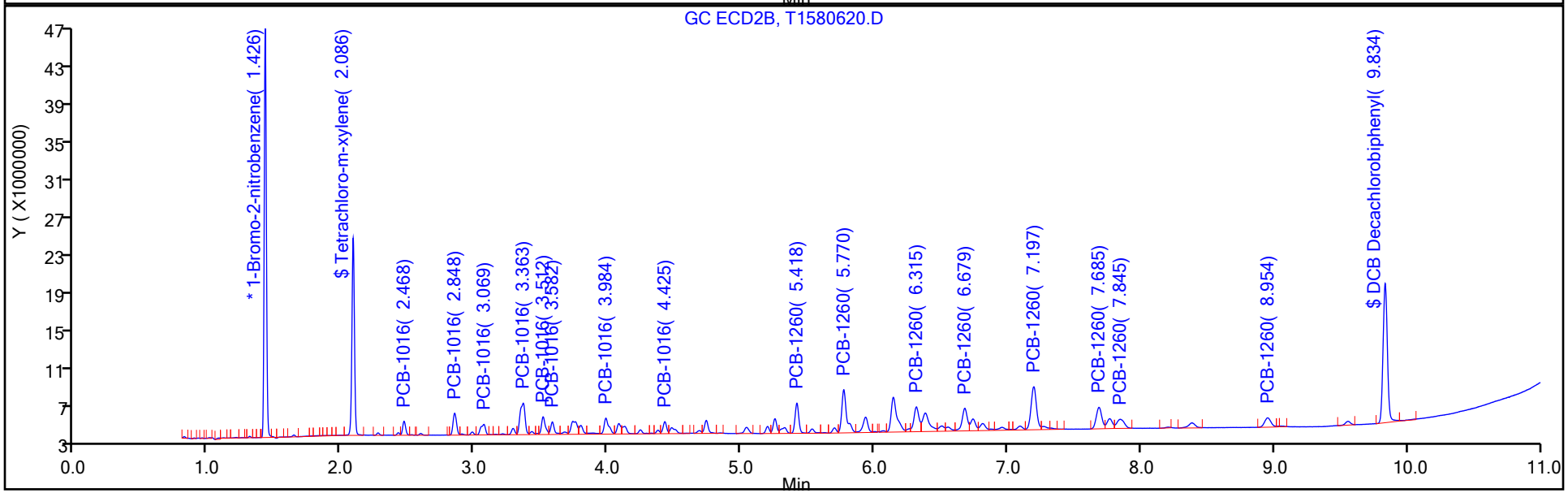
Report Date: 28-Dec-2020 13:32:49 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580620.D

Injection Date:	28-Dec-2020 11:05:04	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 1			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 28-Dec-2020 13:32:50 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580620.D

Injection Date: 28-Dec-2020 11:05:04 Instrument ID: CPESTGC11

Lims ID: IC PCB 1

Client ID:

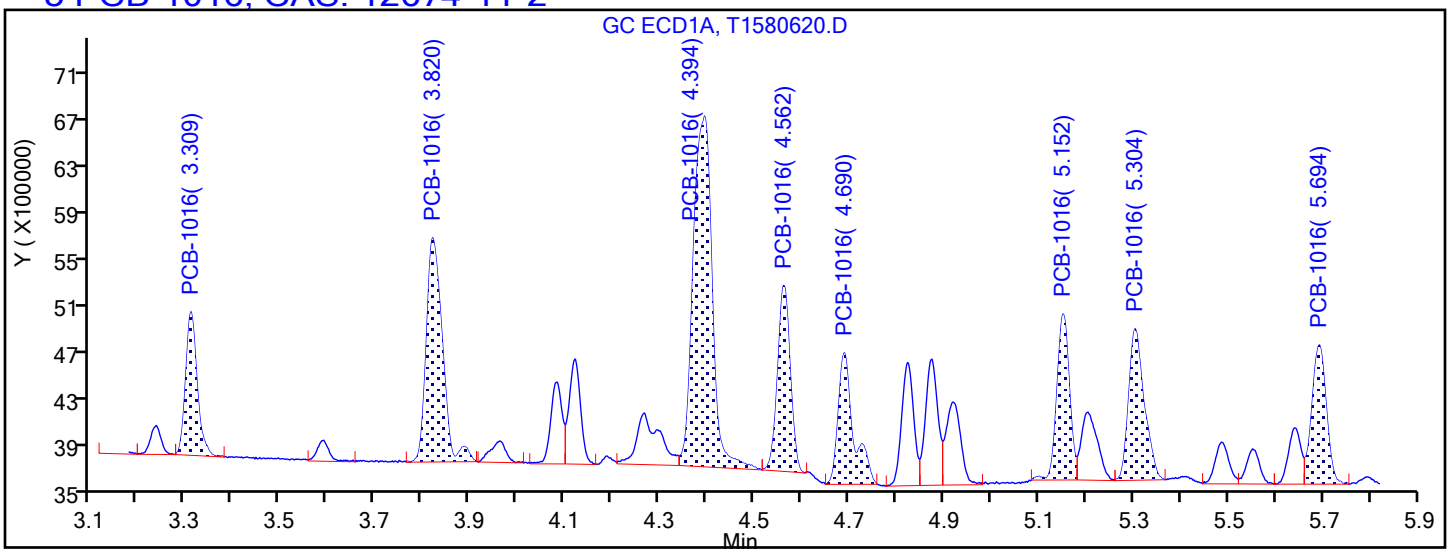
Operator ID: ALS Bottle#: 8 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

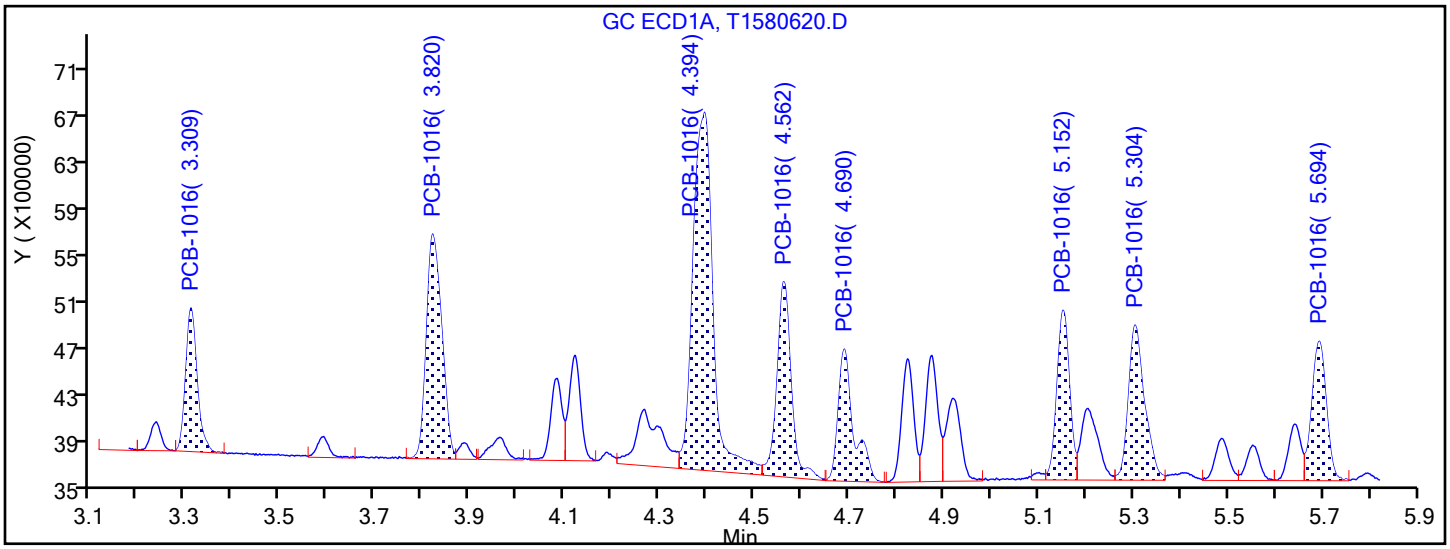
Column: Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.309	Response = 2054320
3.820	Response = 4491200
4.394	Response = 8264579
4.562	Response = 2928158
4.690	Response = 2502041
5.152	Response = 2615247
5.304	Response = 2940242
5.694	Response = 2537659



Manual Integration Results

3.309	Response = 2054320	
3.820	Response = 4319163	M
4.394	Response = 8960928	M
4.562	Response = 3486352	M
4.690	Response = 2555723	M
5.152	Response = 2705718	M

Report Date: 28-Dec-2020 13:32:50 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580620.D

Injection Date: 28-Dec-2020 11:05:04 Instrument ID: CPESTGC11

Lims ID: IC PCB 1

Client ID:

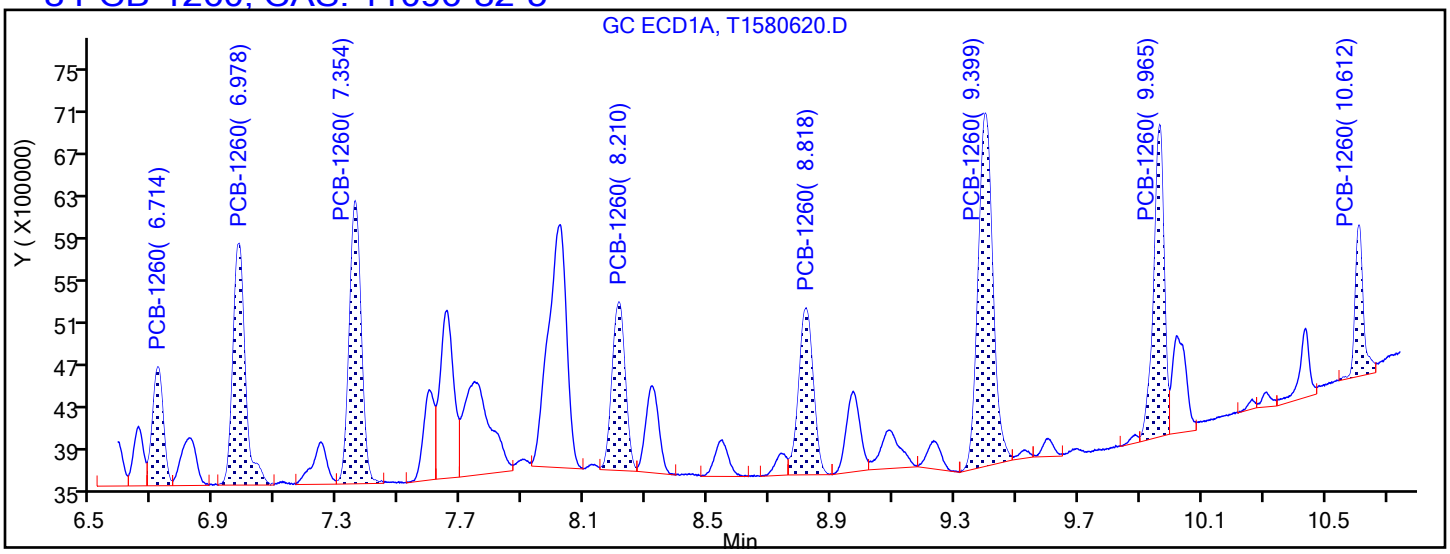
Operator ID: ALS Bottle#: 8 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

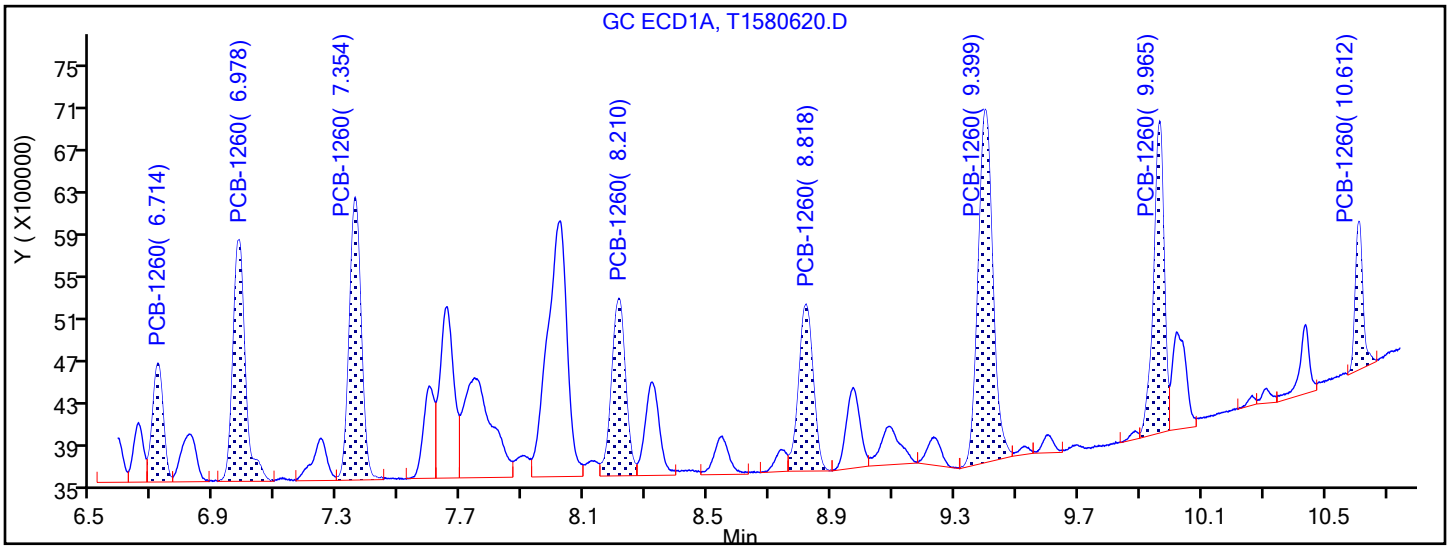
Column: Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.714	Response = 2687706
6.978	Response = 6185692
7.354	Response = 6982744
8.210	Response = 4587109
8.818	Response = 5063844
9.399	Response = 10735817
9.965	Response = 6803866
10.612	Response = 2506301



Manual Integration Results

6.714	Response = 2687706
6.978	Response = 6185692
7.354	Response = 6982744
8.210	Response = 5198468
8.818	Response = 5063844
9.399	Response = 10735817

Eurofins TestAmerica, Edison

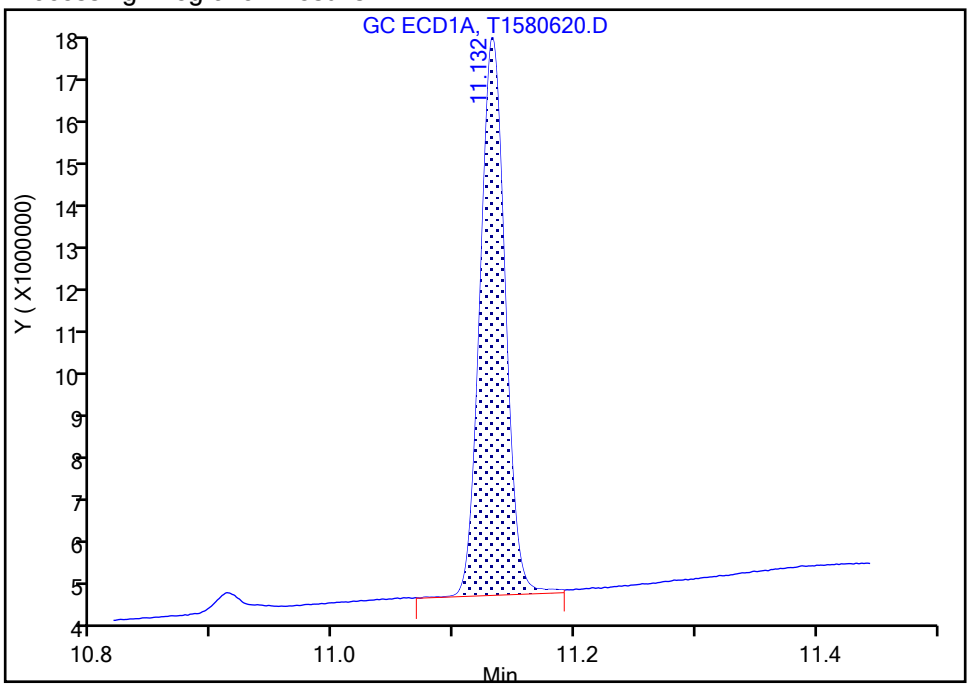
Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580620.D
Injection Date: 28-Dec-2020 11:05:04 Instrument ID: CPESTGC11
Lims ID: IC PCB 1
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

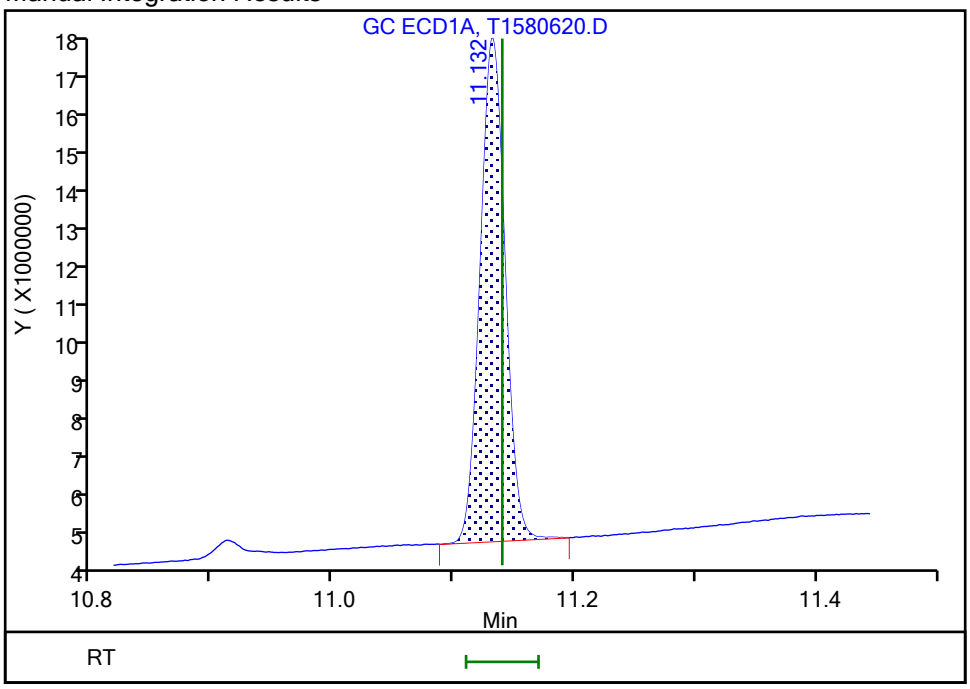
Processing Integration Results

RT: 11.13
Area: 17812796
Amount: 12.778955
Amount Units: ug/l



Manual Integration Results

RT: 11.13
Area: 17650983
Amount: 12.084042
Amount Units: ug/l



Reviewer: patelji, 28-Dec-2020 10:34:24
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580621.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 28-Dec-2020 11:22:04 ALS Bottle#: 9 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-004
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:32:53 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 10:51:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.702	1.701	0.001	43888524	20.0	20.0	M
2	1.425	1.425	0.000	47499795	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.689	2.690	-0.001	123497564	50.0	54.0	
2	2.086	2.086	0.000	126299965	50.0	54.1	
						RPD = 0.13	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.309	3.308	0.001	22706597	500.0	541.3	
1	3.820	3.820	0.000	46839196	500.0	541.4	
1	4.394	4.394	0.000	87108093	500.0	518.7	M
1	4.562	4.562	0.000	37177414	500.0	527.9	M
1	4.689	4.689	0.000	28956378	500.0	530.7	M
1	5.153	5.152	0.001	28974880	500.0	532.5	M
1	5.305	5.305	0.000	34246039	500.0	531.8	M
1	5.694	5.692	0.002	28140567	500.0	536.0	M
		Average of Peak Amounts =				532.5	
2	2.467	2.466	0.001	23190167	500.0	530.9	M
2	2.848	2.848	0.000	45851446	500.0	539.5	M
2	3.067	3.066	0.001	31289545	500.0	538.8	M
2	3.362	3.362	0.000	98638663	500.0	533.5	M
2	3.512	3.512	0.000	40880647	500.0	528.9	M
2	3.582	3.581	0.001	24863368	500.0	518.1	M
2	3.983	3.984	-0.001	41790608	500.0	517.3	M
2	4.426	4.427	-0.001	24407002	500.0	524.3	M
		Average of Peak Amounts =				528.9	
						RPD = 0.68	
8 PCB-1260							M
1	6.714	6.714	0.000	28685058	500.0	524.3	
1	6.977	6.976	0.001	63679424	500.0	516.1	
1	7.354	7.355	-0.001	71241809	500.0	516.7	
1	8.209	8.210	-0.001	50800621	500.0	515.2	
1	8.818	8.817	0.001	53451651	500.0	521.4	
1	9.400	9.400	0.000	118253348	500.0	523.7	
1	9.965	9.966	-0.001	75140343	500.0	528.8	
1	10.614	10.616	-0.002	26158352	500.0	537.8	
		Average of Peak Amounts =				523.0	
2	5.418	5.418	0.000	66453261	500.0	525.8	M
2	5.770	5.770	0.000	123255775	500.0	522.8	M
2	6.313	6.313	0.000	59519264	500.0	502.3	M
2	6.679	6.679	0.000	65504388	500.0	517.0	M
2	7.197	7.196	0.001	144157508	500.0	521.8	M
2	7.686	7.686	0.000	76636812	500.0	530.7	
2	7.849	7.846	0.003	44147462	500.0	533.4	
2	8.953	8.951	0.002	39567542	500.0	538.7	
		Average of Peak Amounts =				524.1	
						RPD = 0.21	
$ 11 DCB Decachlorobiphenyl							
1	11.137	11.140	-0.003	77244751	50.0	54.0	
2	9.835	9.835	0.000	143600771	50.0	53.8	
						RPD = 0.38	
S 12 Polychlorinated biphenyls, Total							
1						1055.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

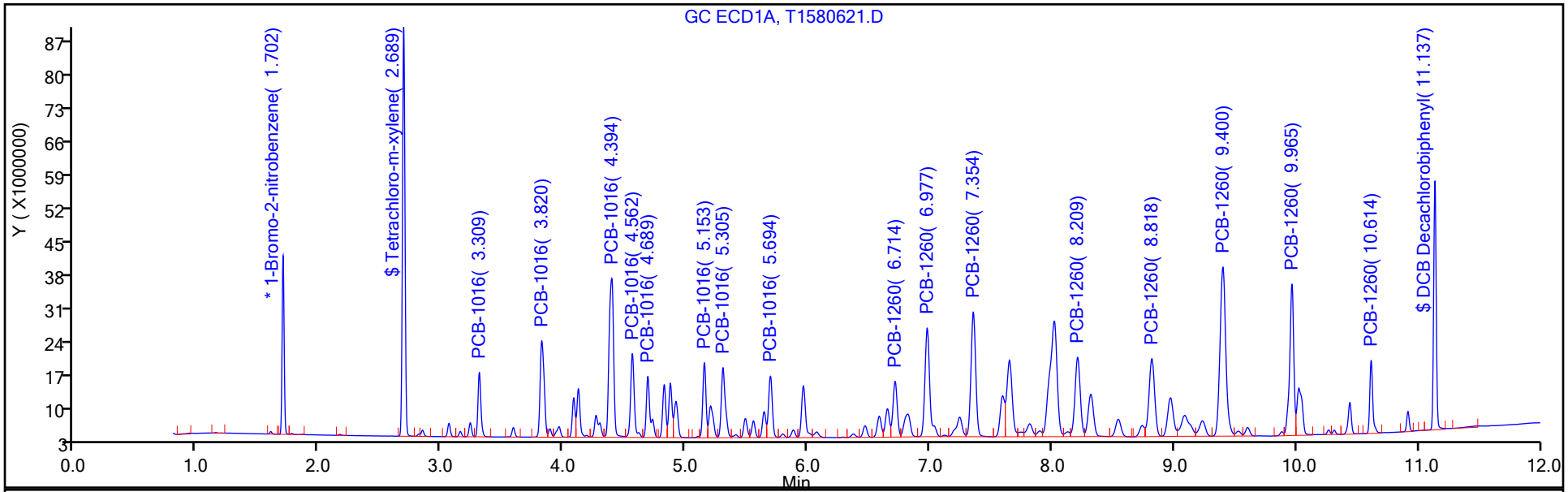
SG1660L2_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

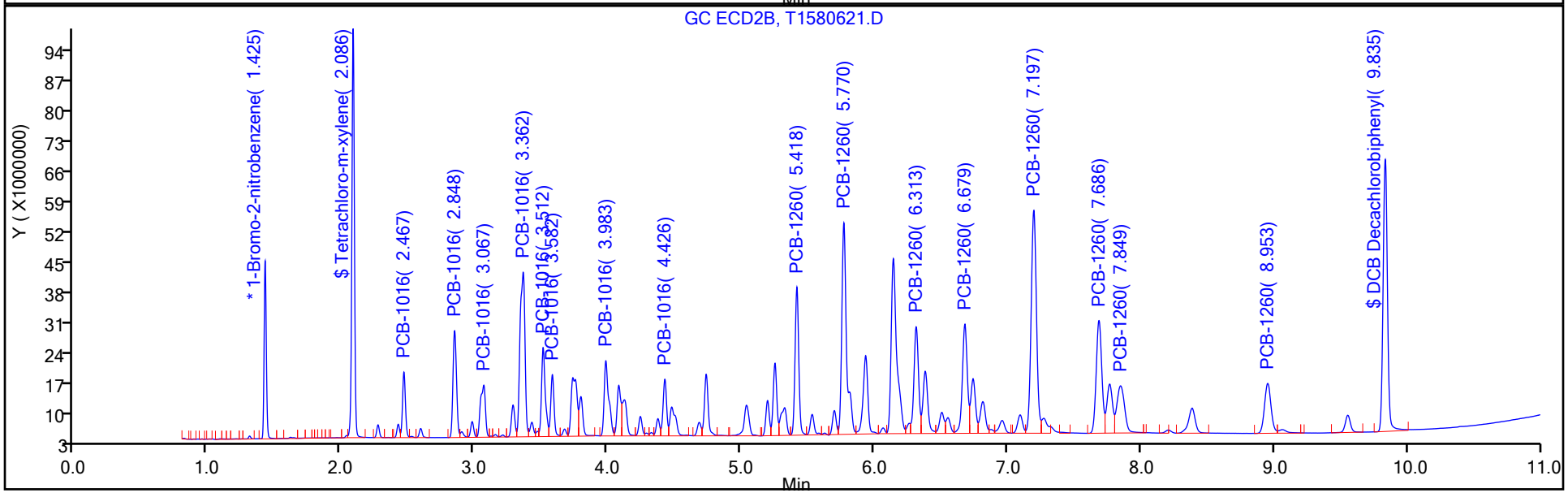
Report Date: 28-Dec-2020 13:32:54 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580621.D

Injection Date:	28-Dec-2020 11:22:04	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 2			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

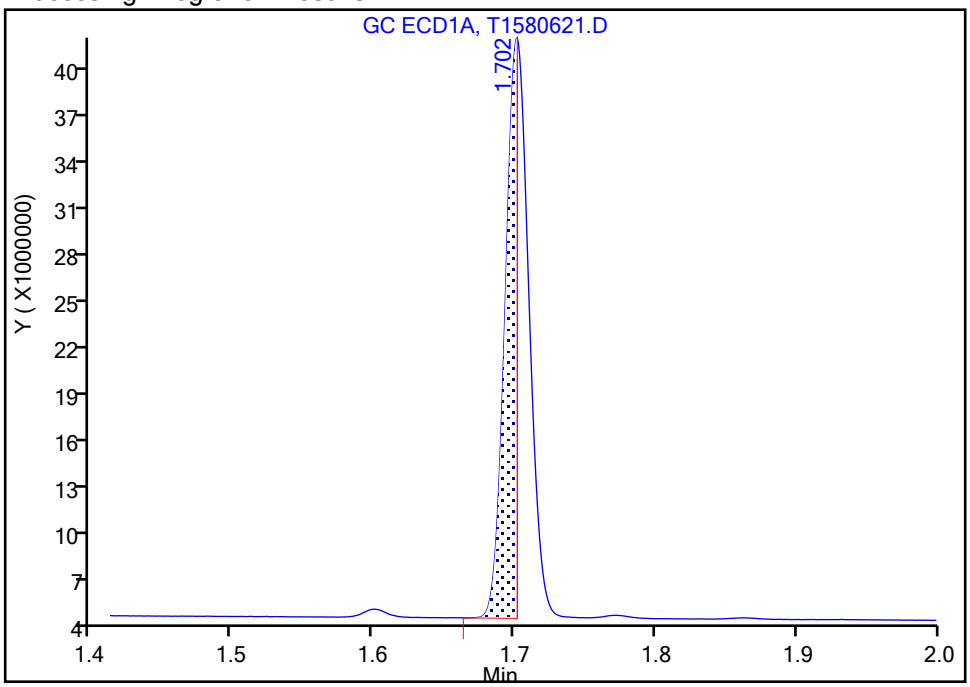
Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580621.D
Injection Date: 28-Dec-2020 11:22:04 Instrument ID: CPESTGC11
Lims ID: IC PCB 2
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

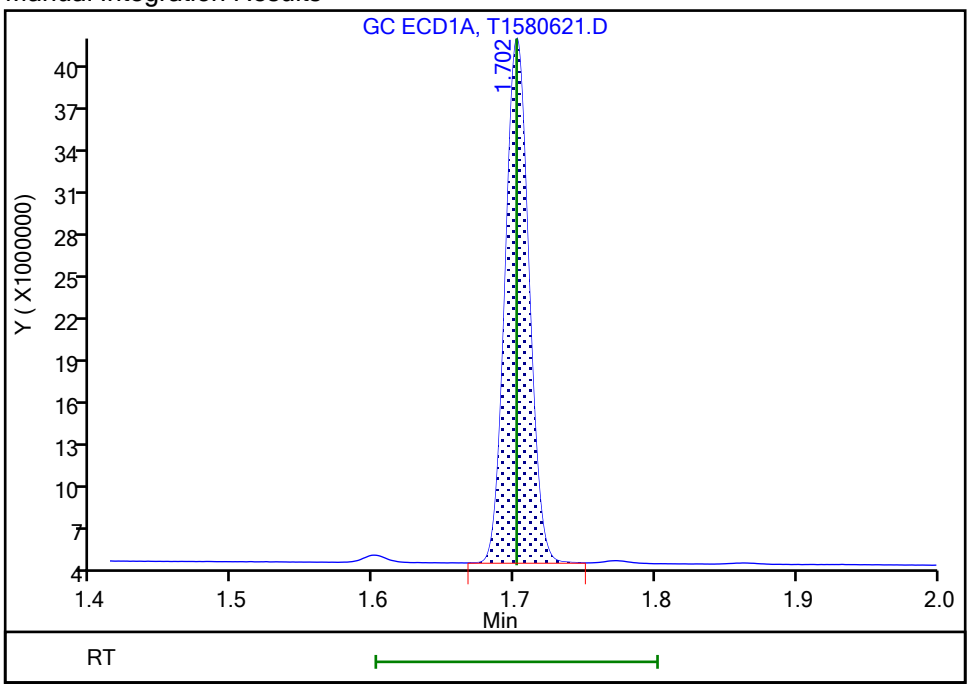
Processing Integration Results

RT: 1.70
Area: 21851540
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.70
Area: 43888524
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 28-Dec-2020 10:51:18
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Report Date: 28-Dec-2020 13:32:54 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580621.D

Injection Date: 28-Dec-2020 11:22:04 Instrument ID: CPESTGC11

Lims ID: IC PCB 2

Client ID:

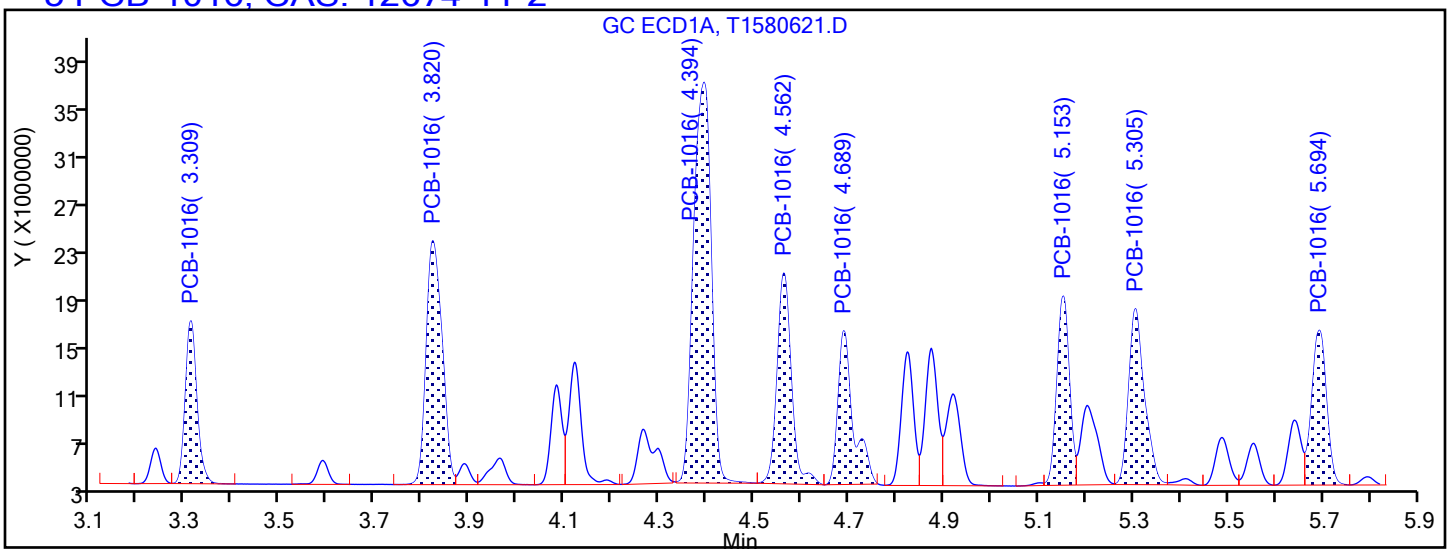
Operator ID: ALS Bottle#: 9 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

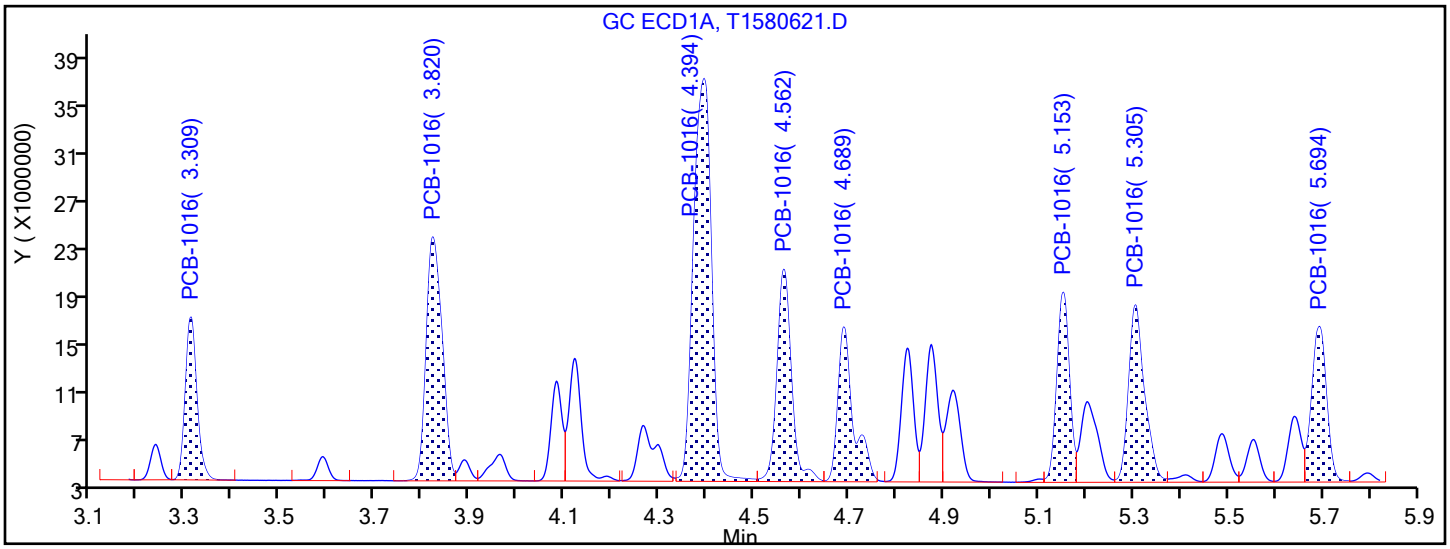
Column: Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.309	Response = 22706597
3.820	Response = 46839196
4.394	Response = 85332481
4.562	Response = 36212297
4.689	Response = 28328156
5.153	Response = 28671886
5.305	Response = 33480634
5.694	Response = 27771615



Manual Integration Results

3.309	Response = 22706597	
3.820	Response = 46839196	
4.394	Response = 87108093	M
4.562	Response = 37177414	M
4.689	Response = 28956378	M
5.153	Response = 28974880	M

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580622.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Dec-2020 11:39:10 ALS Bottle#: 10 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-005
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:32:57 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 10:57:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.702	1.701	0.001	43479568	20.0	20.0	
2	1.425	1.425	0.000	47844503	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.691	2.690	0.001	357235997	150.0	157.6	
2	2.086	2.086	0.000	372656599	150.0	158.3	
						RPD = 0.45	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.309	3.308	0.001	65282155	1500.0	1570.8	
1	3.821	3.820	0.001	133222997	1500.0	1554.3	
1	4.394	4.394	0.000	256727614	1500.0	1543.1	M
1	4.563	4.562	0.001	110607113	1500.0	1585.2	M
1	4.690	4.689	0.001	87228588	1500.0	1613.7	M
1	5.153	5.152	0.001	84686975	1500.0	1571.0	M
1	5.305	5.305	0.000	101032206	1500.0	1583.6	M
1	5.693	5.692	0.001	82049629	1500.0	1577.5	M
		Average of Peak Amounts =				1574.9	
2	2.468	2.466	0.002	68204800	1500.0	1550.3	
2	2.848	2.848	0.000	133926876	1500.0	1564.5	M
2	3.068	3.066	0.002	93095961	1500.0	1591.4	M
2	3.363	3.362	0.001	295557658	1500.0	1587.0	M
2	3.513	3.512	0.001	123255858	1500.0	1583.1	M
2	3.582	3.581	0.001	75606764	1500.0	1564.1	M
2	3.984	3.984	0.000	129251308	1500.0	1588.5	M
2	4.427	4.427	0.000	75888061	1500.0	1618.6	M
		Average of Peak Amounts =				1580.9	
						RPD = 0.38	
8 PCB-1260							M
1	6.714	6.714	0.000	86695842	1500.0	1599.4	M
1	6.976	6.976	0.000	196176674	1500.0	1604.8	M
1	7.354	7.355	-0.001	218708917	1500.0	1601.2	M
1	8.209	8.210	-0.001	156788204	1500.0	1605.0	M
1	8.818	8.817	0.001	166984074	1500.0	1644.1	M
1	9.398	9.400	-0.002	370611221	1500.0	1656.6	M
1	9.964	9.966	-0.002	229030008	1500.0	1626.9	M
1	10.608	10.616	-0.008	77158929	1500.0	1601.3	M
		Average of Peak Amounts =				1617.4	
2	5.418	5.418	0.000	204542578	1500.0	1606.9	M
2	5.770	5.770	0.000	380456796	1500.0	1602.3	M
2	6.314	6.313	0.001	181626773	1500.0	1521.8	M
2	6.679	6.679	0.000	203036152	1500.0	1590.8	M
2	7.196	7.196	0.000	453486117	1500.0	1629.7	M
2	7.686	7.686	0.000	237144290	1500.0	1630.4	
2	7.848	7.846	0.002	137610337	1500.0	1650.7	
2	8.953	8.951	0.002	120665290	1500.0	1631.0	
		Average of Peak Amounts =				1608.0	
						RPD = 0.59	
$ 11 DCB Decachlorobiphenyl							
1	11.125	11.140	-0.015	222305621	150.0	156.8	
2	9.833	9.835	-0.002	423789213	150.0	157.5	
						RPD = 0.47	
S 12 Polychlorinated biphenyls, Total							
1						3192.3	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

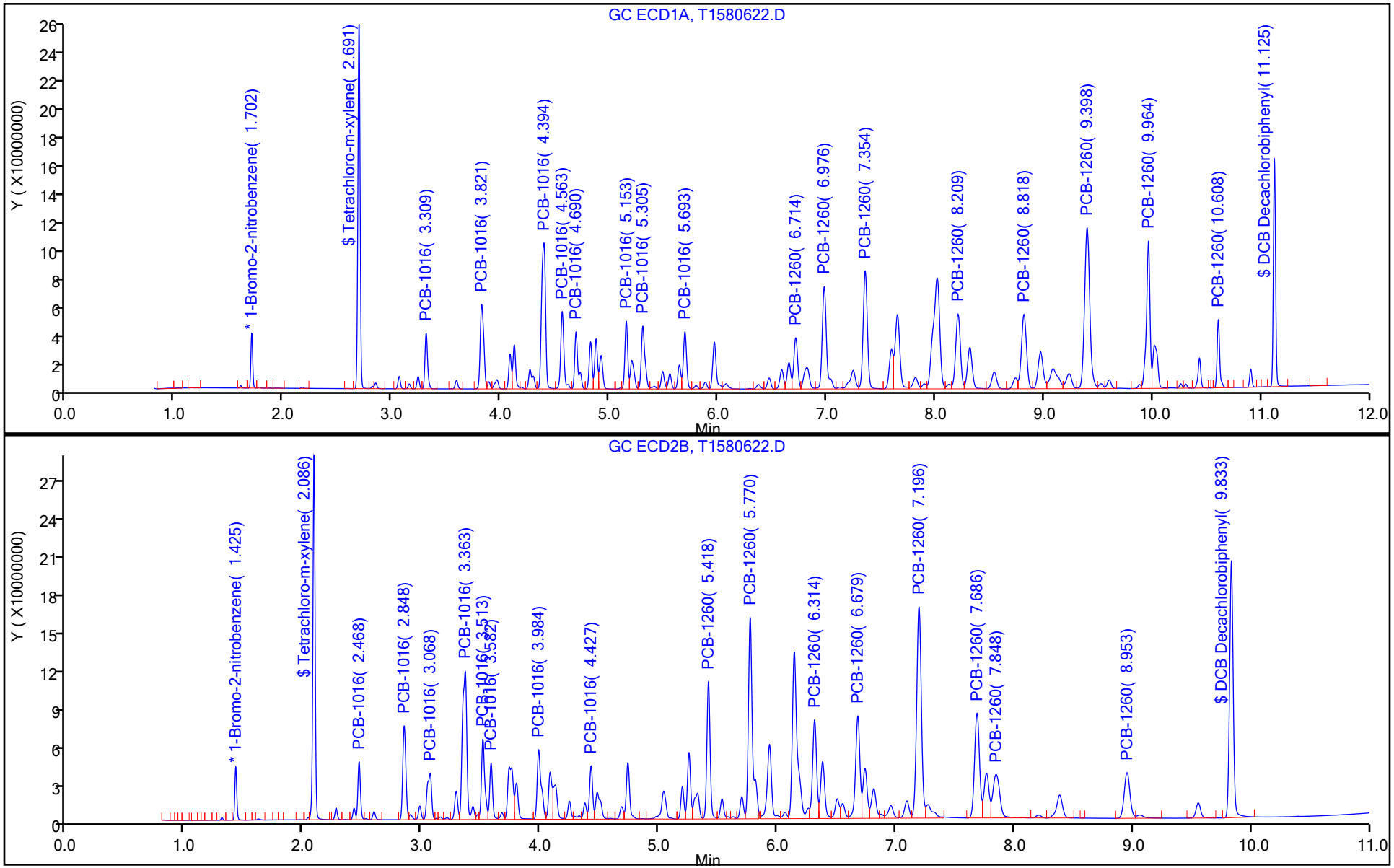
SG1660L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:32:57 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580622.D

Injection Date:	28-Dec-2020 11:39:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



Report Date: 28-Dec-2020 13:32:57 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580622.D

Injection Date: 28-Dec-2020 11:39:10 Instrument ID: CPESTGC11

Lims ID: IC PCB 4

Client ID:

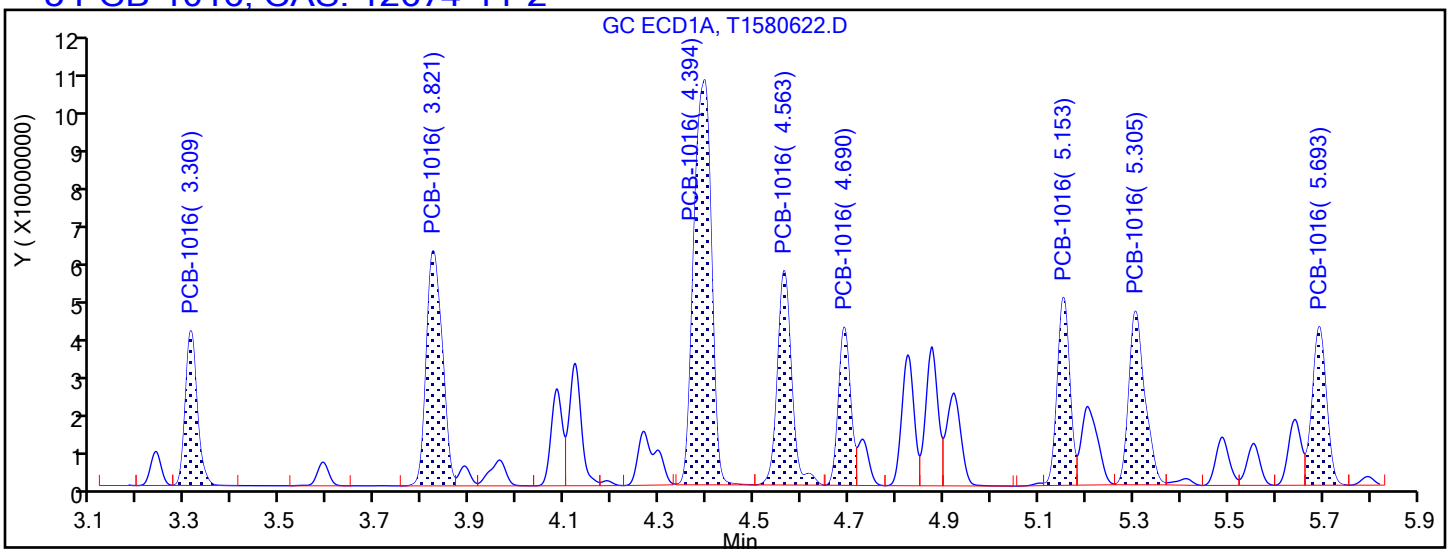
Operator ID: ALS Bottle#: 10 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

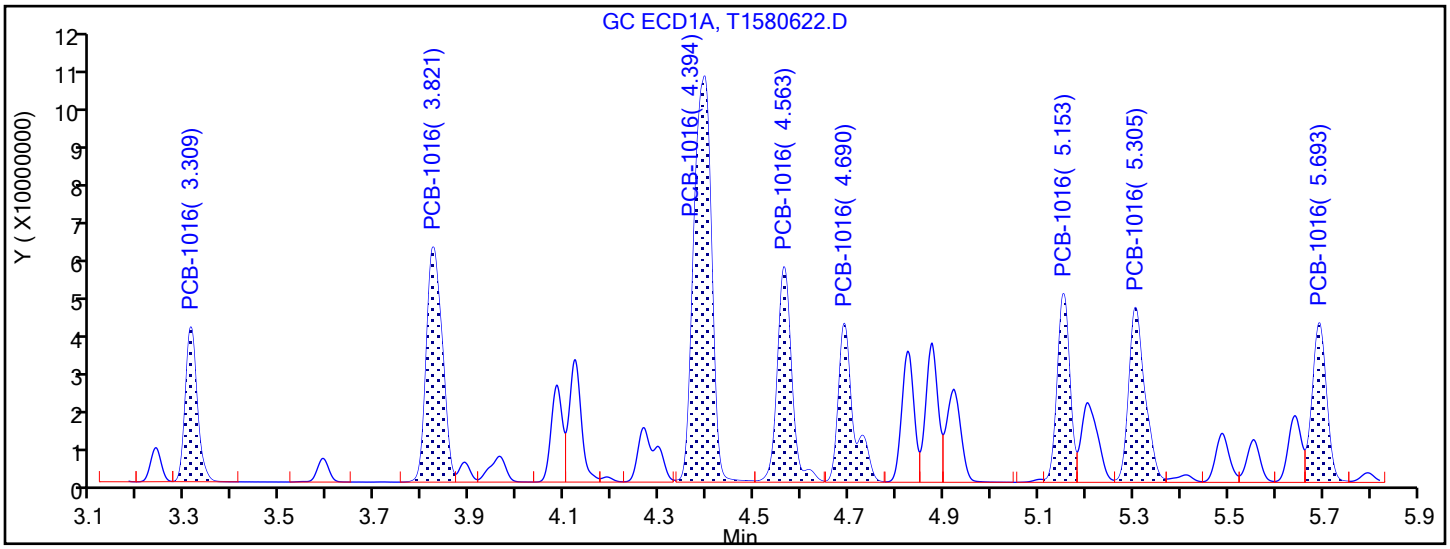
Column: Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.309	Response = 65282155
3.821	Response = 133222997
4.394	Response = 254119944
4.563	Response = 108592199
4.690	Response = 67897642
5.153	Response = 83954430
5.305	Response = 98964436
5.693	Response = 80788860



Manual Integration Results

3.309	Response = 65282155	
3.821	Response = 133222997	
4.394	Response = 256727614	M
4.563	Response = 110607113	M
4.690	Response = 87228588	M
5.153	Response = 84686975	M

Report Date: 28-Dec-2020 13:32:57 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580622.D

Injection Date: 28-Dec-2020 11:39:10 Instrument ID: CPESTGC11

Lims ID: IC PCB 4

Client ID:

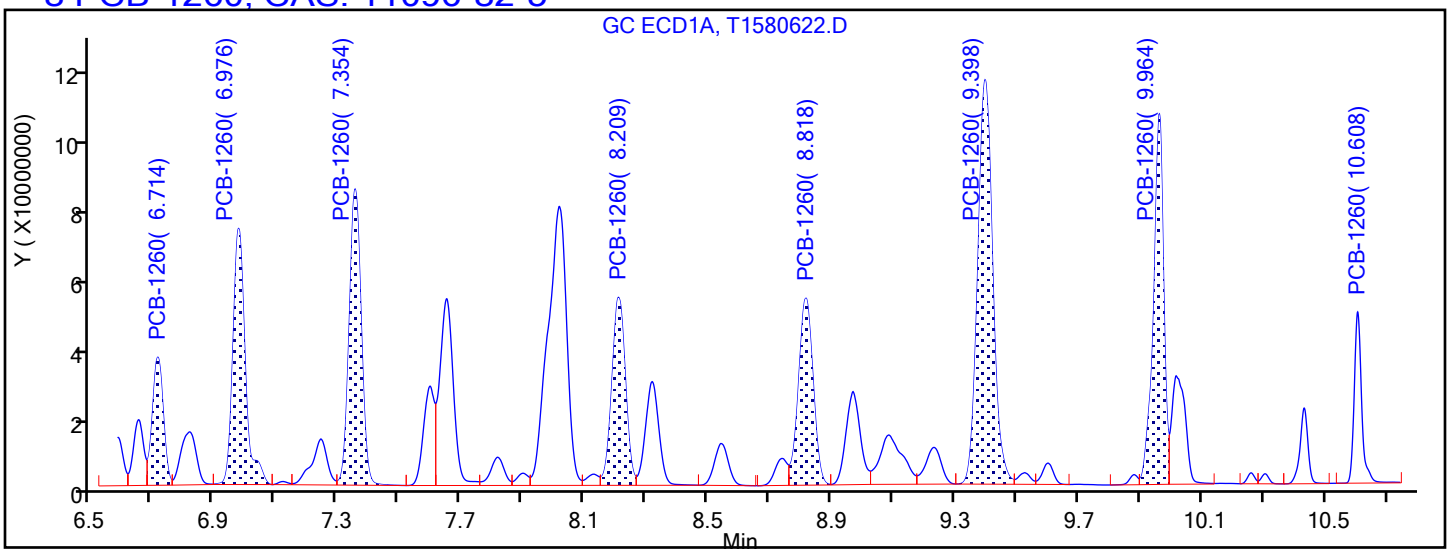
Operator ID: ALS Bottle#: 10 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

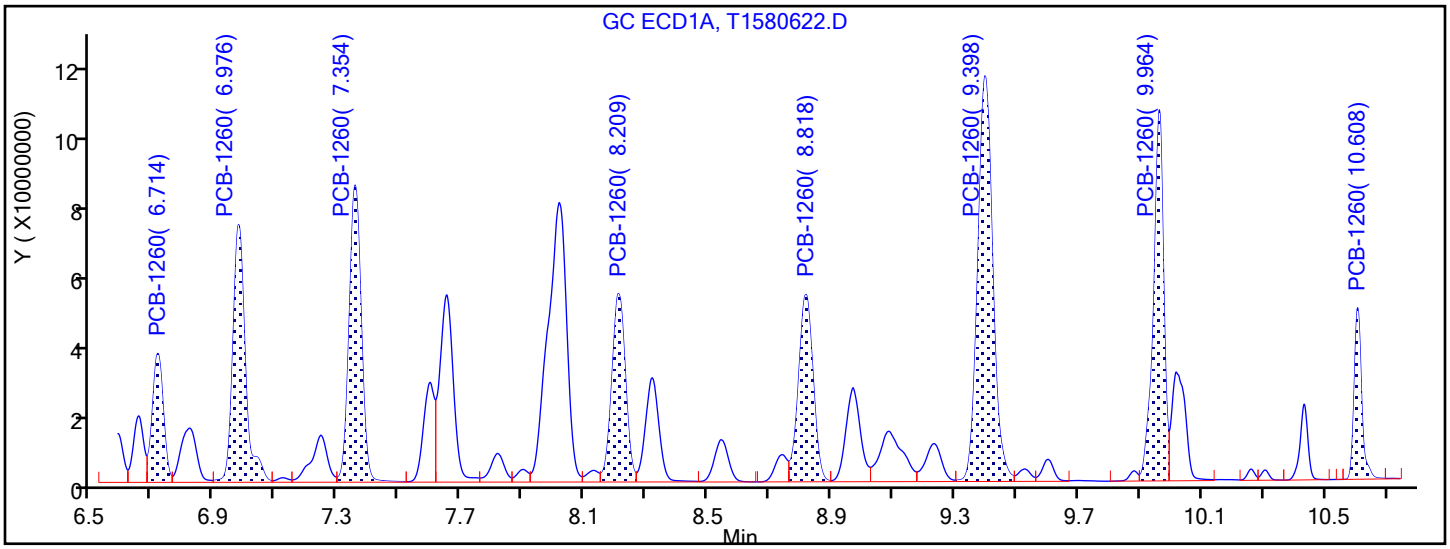
Column: Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.714	Response = 85513937
6.976	Response = 191434112
7.354	Response = 216178376
8.209	Response = 155939380
8.818	Response = 166005882
9.398	Response = 367198123
9.964	Response = 228673807
10.608	Response = 78040628



Manual Integration Results

6.714	Response = 86695842	M
6.976	Response = 196176674	M
7.354	Response = 218708917	M
8.209	Response = 156788204	M
8.818	Response = 166984074	M
9.398	Response = 370611221	M

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580623.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 28-Dec-2020 11:56:13 ALS Bottle#: 11 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-006
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:02 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 11:30:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.701	1.701	0.000	44104074	20.0	20.0	
2	1.425	1.425	0.000	48444634	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.690	2.690	0.000	455254329	200.0	198.0	M
2	2.086	2.086	0.000	470867906	200.0	197.6	
						RPD = 0.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.310	3.308	0.002	100559983	2500.0	2385.4	M
1	3.821	3.820	0.001	205771724	2500.0	2366.7	
1	4.393	4.394	-0.001	408604164	2500.0	2421.2	M
1	4.561	4.562	-0.001	172795849	2500.0	2441.5	M
1	4.690	4.689	0.001	136297406	2500.0	2485.8	M
1	5.152	5.152	0.000	132753906	2500.0	2427.8	M
1	5.305	5.305	0.000	158479281	2500.0	2448.9	M
1	5.693	5.692	0.001	129637643	2500.0	2457.1	M
		Average of Peak Amounts =				2429.3	
2	2.467	2.466	0.001	103372970	2500.0	2320.5	
2	2.848	2.848	0.000	207269890	2500.0	2391.3	M
2	3.067	3.066	0.001	144608591	2500.0	2441.4	M
2	3.363	3.362	0.001	476740475	2500.0	2528.2	M
2	3.513	3.512	0.001	195502492	2500.0	2479.9	M
2	3.581	3.581	0.000	120361890	2500.0	2459.1	M
2	3.984	3.984	0.000	202892053	2500.0	2462.6	M
2	4.426	4.427	-0.001	114349793	2500.0	2408.7	M
		Average of Peak Amounts =				2436.5	
						RPD = 0.29	
8 PCB-1260							M
1	6.713	6.714	-0.001	135962996	2500.0	2472.7	M
1	6.977	6.976	0.001	304935518	2500.0	2459.2	M
1	7.355	7.355	0.000	338856109	2500.0	2445.7	M
1	8.210	8.210	0.000	234866451	2500.0	2370.2	M
1	8.818	8.817	0.001	246982591	2500.0	2397.4	M
1	9.398	9.400	-0.002	553667576	2500.0	2439.9	M
1	9.964	9.966	-0.002	349178697	2500.0	2445.3	M
1	10.611	10.616	-0.005	119847323	2500.0	2452.0	M
		Average of Peak Amounts =				2435.3	
2	5.417	5.418	-0.001	317845150	2500.0	2466.1	M
2	5.771	5.770	0.001	594559781	2500.0	2472.9	M
2	6.313	6.313	0.000	282986624	2500.0	2341.8	M
2	6.678	6.679	-0.001	318318441	2500.0	2463.2	M
2	7.196	7.196	0.000	717619703	2500.0	2547.0	M
2	7.686	7.686	0.000	374387076	2500.0	2542.0	
2	7.846	7.846	0.000	212967777	2500.0	2523.0	
2	8.952	8.951	0.001	188285912	2500.0	2513.5	
		Average of Peak Amounts =				2483.7	
						RPD = 1.97	
$ 11 DCB Decachlorobiphenyl							
1	11.130	11.140	-0.010	280603855	200.0	195.1	
2	9.835	9.835	0.000	533726522	200.0	195.9	
						RPD = 0.43	
S 12 Polychlorinated biphenyls, Total							
1						4864.6	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

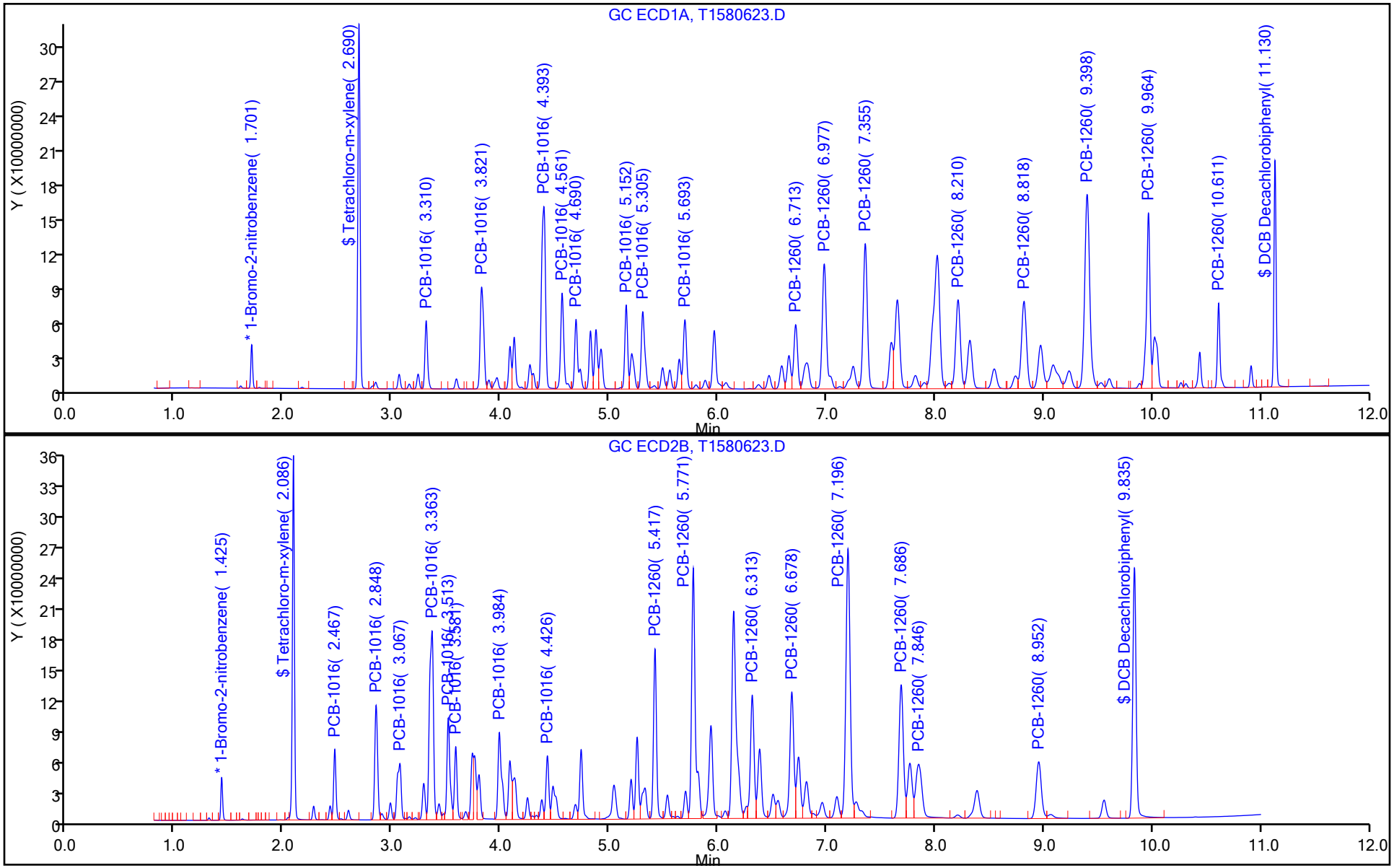
SG1660L5_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:33:02 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580623.D

Injection Date:	28-Dec-2020 11:56:13	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

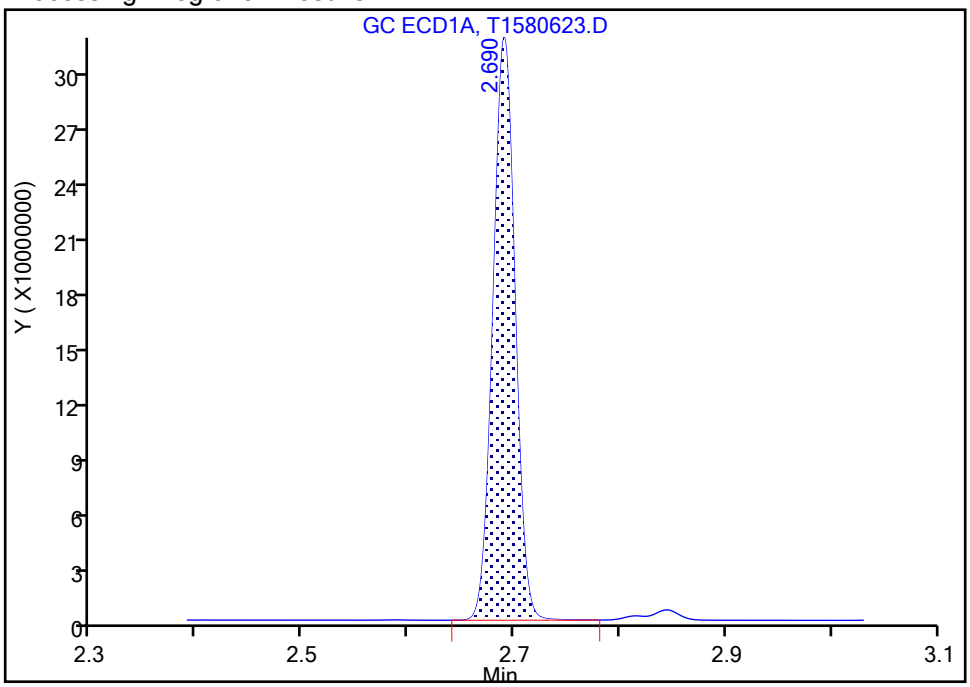
Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580623.D
Injection Date: 28-Dec-2020 11:56:13 Instrument ID: CPESTGC11
Lims ID: IC PCB 5
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD1A

$ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 1

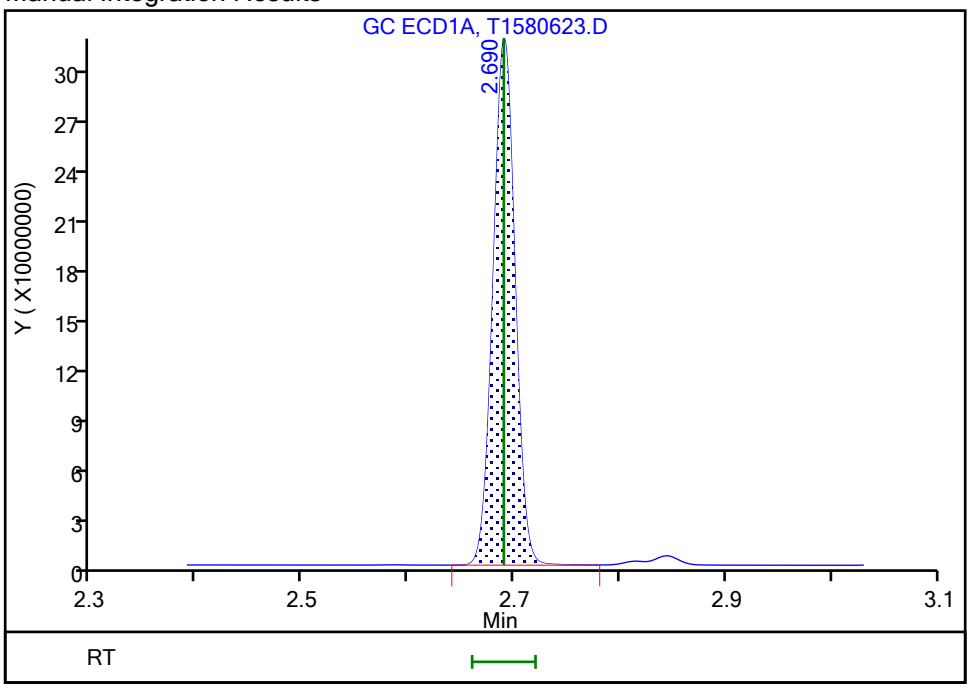
Processing Integration Results

RT: 2.69
Area: 454906750
Amount: 197.9003
Amount Units: ug/l



Manual Integration Results

RT: 2.69
Area: 455254329
Amount: 198.0216
Amount Units: ug/l



Reviewer: patelji, 28-Dec-2020 11:30:36
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Report Date: 28-Dec-2020 13:33:02 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580623.D

Injection Date: 28-Dec-2020 11:56:13 Instrument ID: CPESTGC11

Lims ID: IC PCB 5

Client ID:

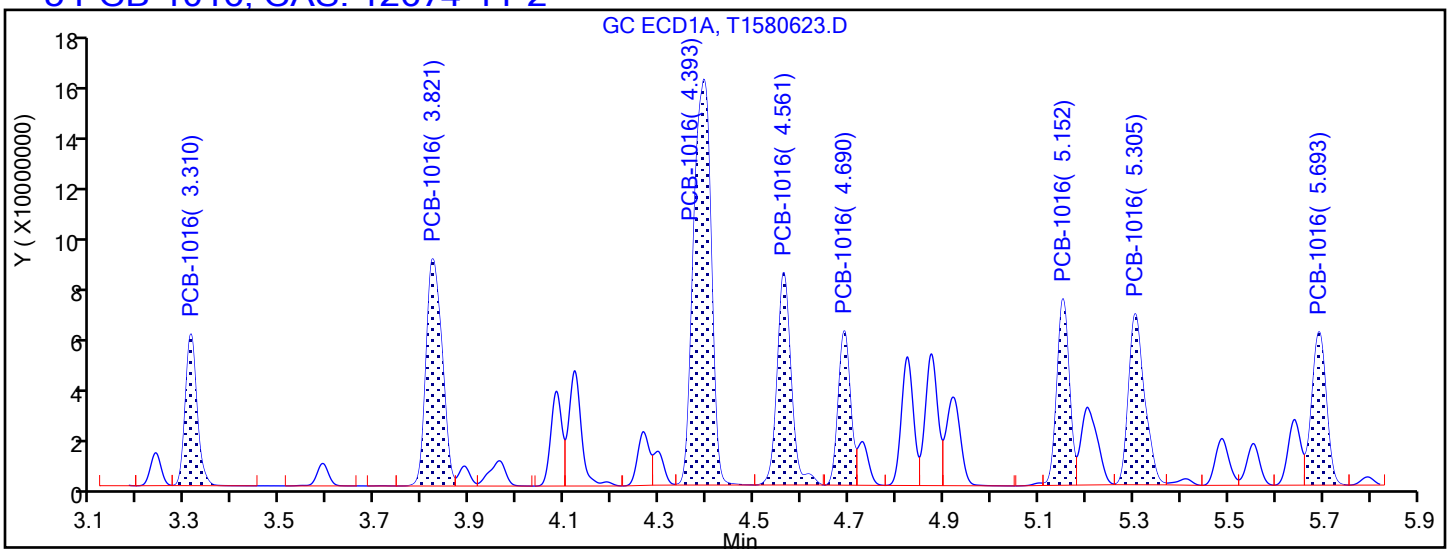
Operator ID: ALS Bottle#: 11 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

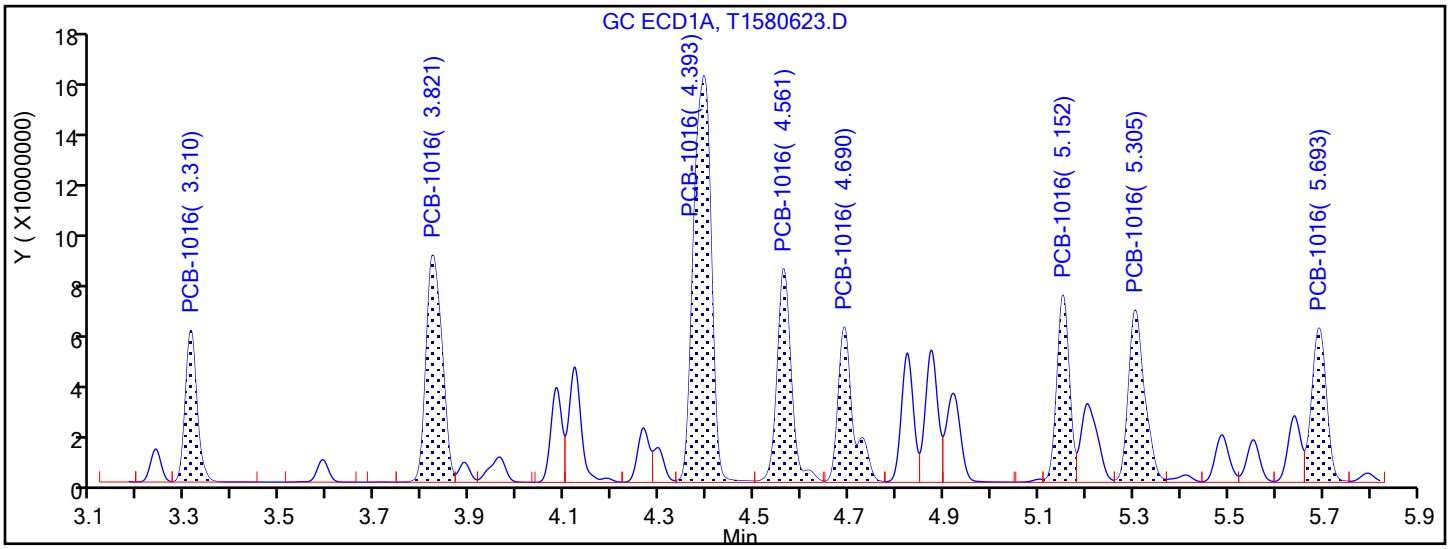
Column: Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.310	Response = 100029906
3.821	Response = 205771724
4.393	Response = 404244469
4.561	Response = 168888905
4.690	Response = 107124328
5.152	Response = 131377257
5.305	Response = 155068467
5.693	Response = 127512656



Manual Integration Results

3.310	Response = 100559983	M
3.821	Response = 205771724	
4.393	Response = 408604164	M
4.561	Response = 172795849	M
4.690	Response = 136297406	M
5.152	Response = 132753906	M

Report Date: 28-Dec-2020 13:33:02 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580623.D

Injection Date: 28-Dec-2020 11:56:13 Instrument ID: CPESTGC11

Lims ID: IC PCB 5

Client ID:

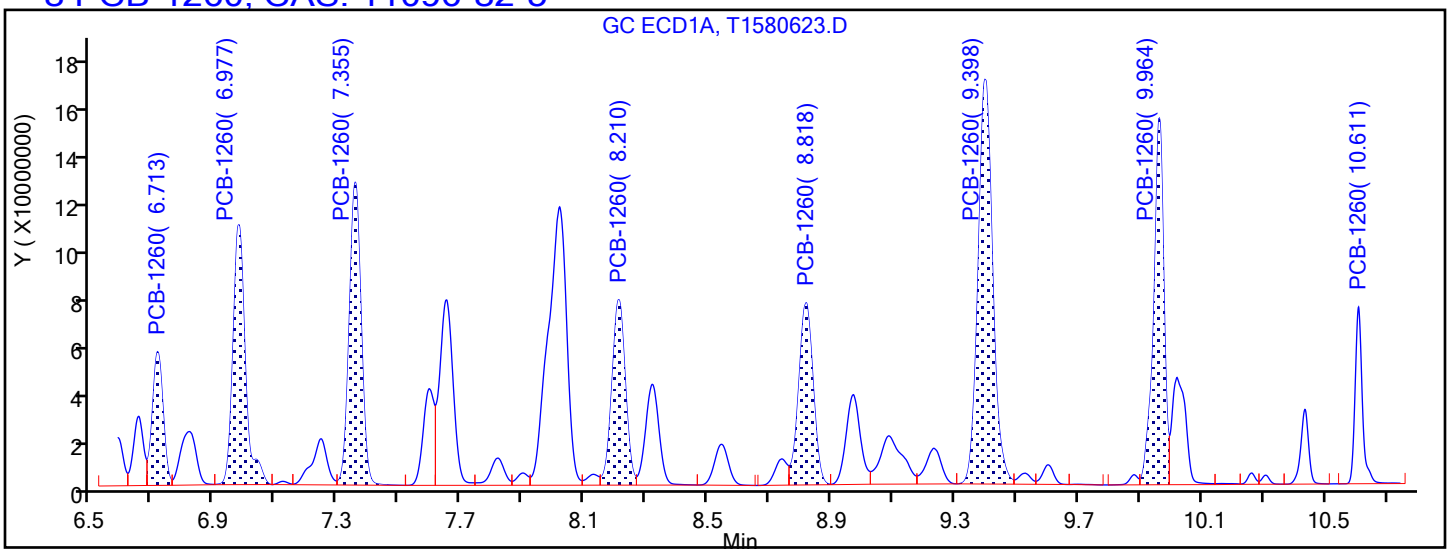
Operator ID: ALS Bottle#: 11 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

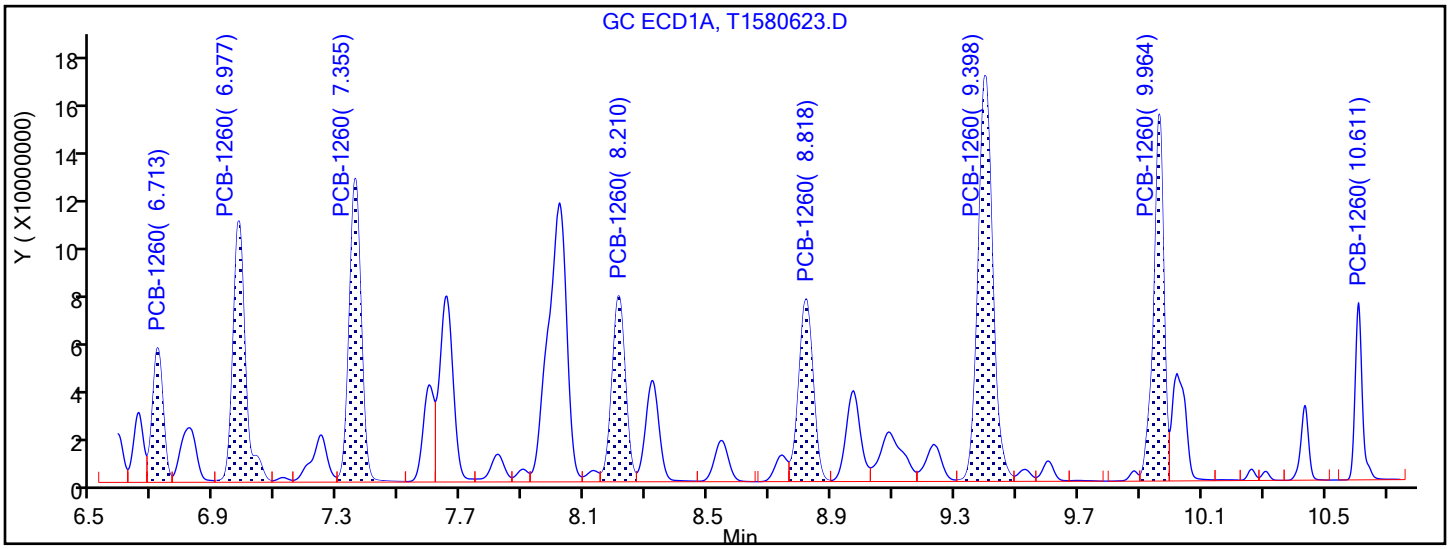
Column: Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.713	Response = 134421681
6.977	Response = 298468284
7.355	Response = 334858236
8.210	Response = 233454903
8.818	Response = 245359901
9.398	Response = 548242354
9.964	Response = 348926508
10.611	Response = 120334722



Manual Integration Results

6.713	Response = 135962996	M
6.977	Response = 304935518	M
7.355	Response = 338856109	M
8.210	Response = 234866451	M
8.818	Response = 246982591	M
9.398	Response = 553667576	M

Calibration / Tetrachloro-m-xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

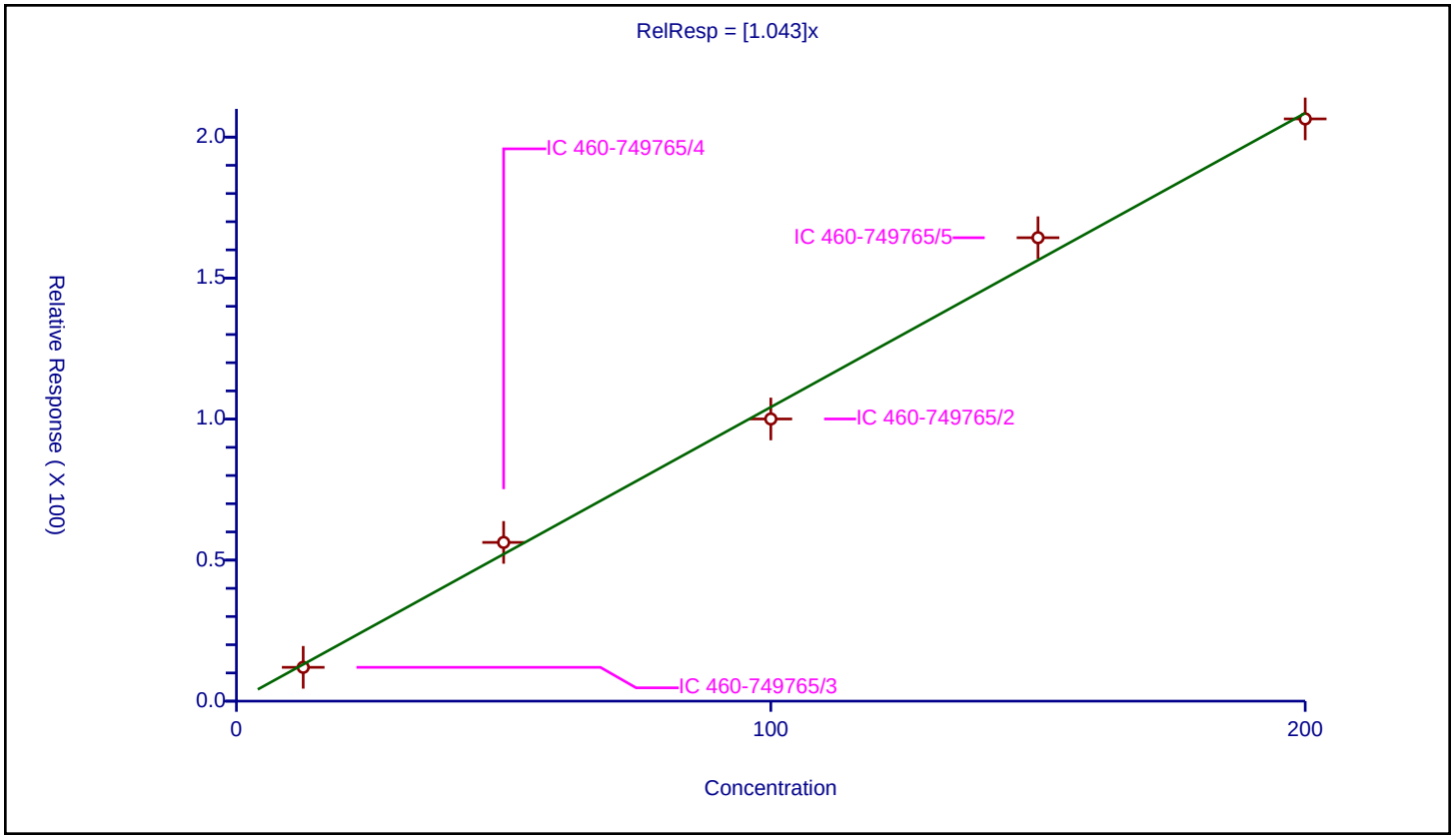
Curve Coefficients

Intercept:	0
Slope:	1.043

Error Coefficients

Standard Error:	316000000
Relative Standard Error:	6.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	12.5	11.986305	20.0	44793629.0	0.958904	Y
2	IC 460-749765/4	50.0	56.277839	20.0	43888524.0	1.125557	Y
3	IC 460-749765/2	100.0	100.052206	20.0	43959238.0	1.000522	Y
4	IC 460-749765/5	150.0	164.323618	20.0	43479568.0	1.095491	Y
5	IC 460-749765/6	200.0	206.445477	20.0	44104074.0	1.032227	Y



Calibration / PCB-1016 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

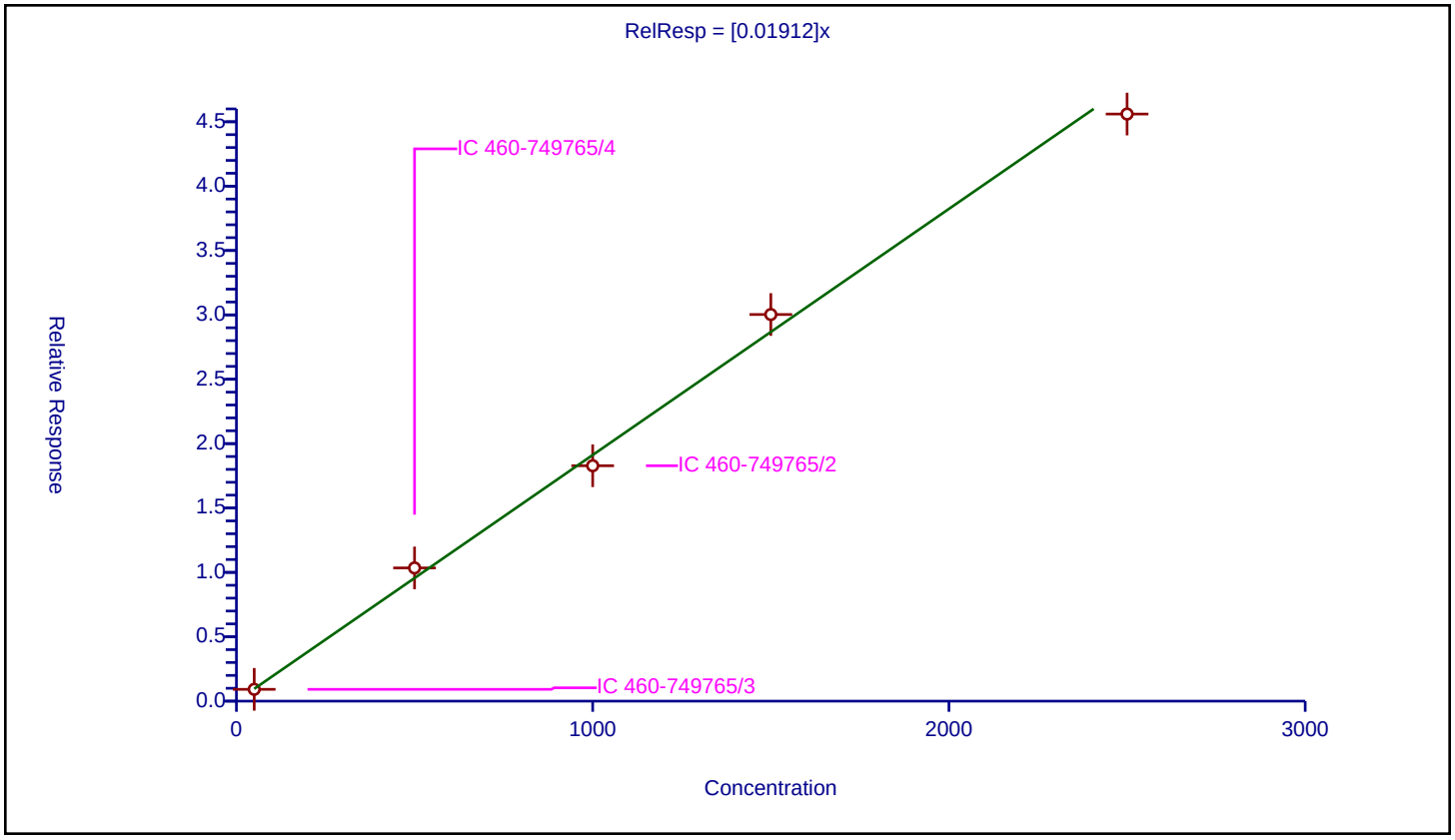
Curve Coefficients

Intercept:	0
Slope:	0.01912

Error Coefficients

Standard Error:	64200000
Relative Standard Error:	6.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	0.917238	20.0	44793629.0	0.018345	Y
2	IC 460-749765/4	500.0	10.347396	20.0	43888524.0	0.020695	Y
3	IC 460-749765/2	1000.0	18.284203	20.0	43959238.0	0.018284	Y
4	IC 460-749765/5	1500.0	30.028889	20.0	43479568.0	0.020019	Y
5	IC 460-749765/6	2500.0	45.601222	20.0	44104074.0	0.01824	Y



Calibration / PCB-1016 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

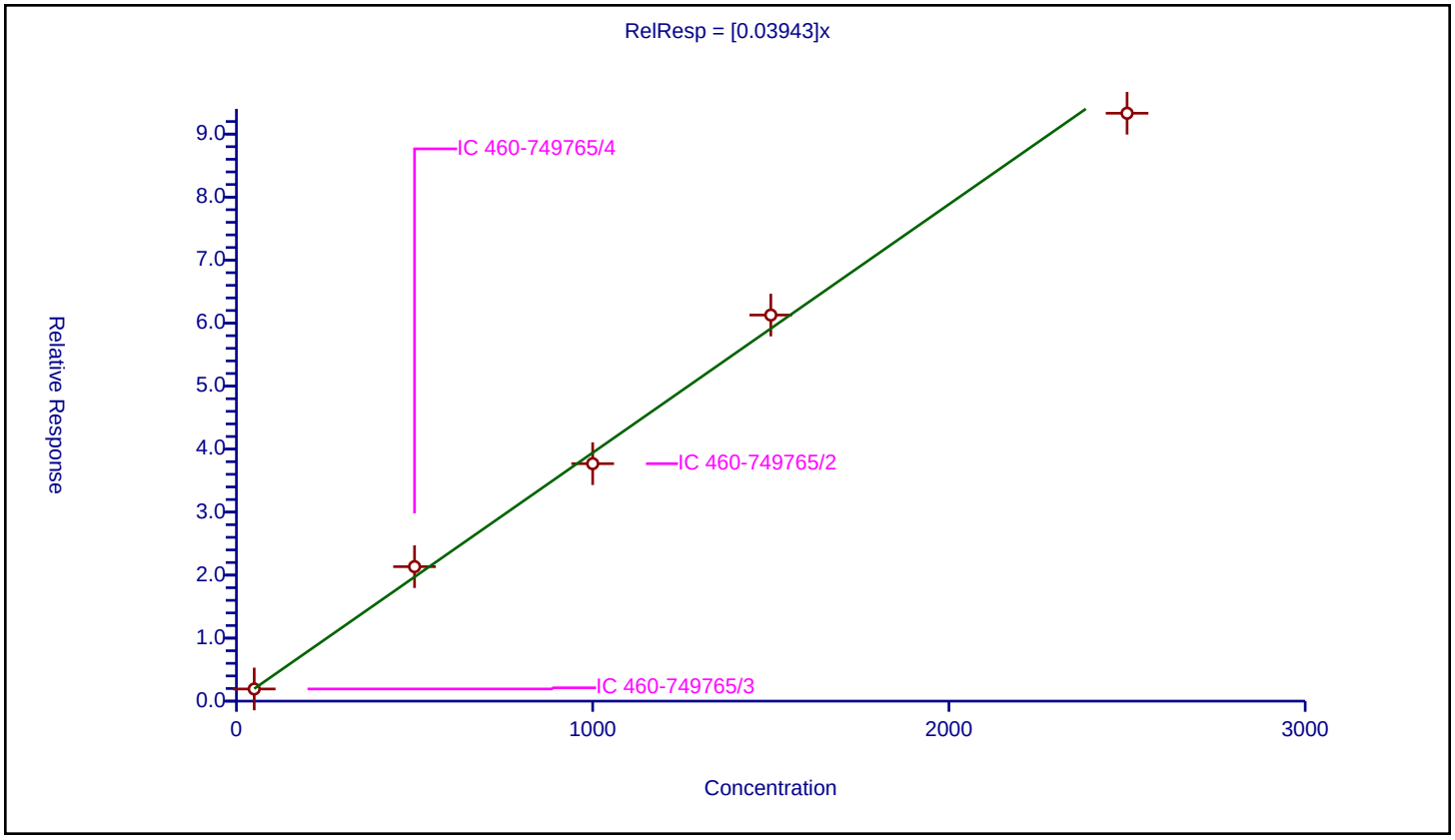
Curve Coefficients

Intercept:	0
Slope:	0.03943

Error Coefficients

Standard Error:	131000000
Relative Standard Error:	5.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.928472	20.0	44793629.0	0.038569	Y
2	IC 460-749765/4	500.0	21.344621	20.0	43888524.0	0.042689	Y
3	IC 460-749765/2	1000.0	37.694287	20.0	43959238.0	0.037694	Y
4	IC 460-749765/5	1500.0	61.280736	20.0	43479568.0	0.040854	Y
5	IC 460-749765/6	2500.0	93.31189	20.0	44104074.0	0.037325	Y



Calibration / PCB-1016 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

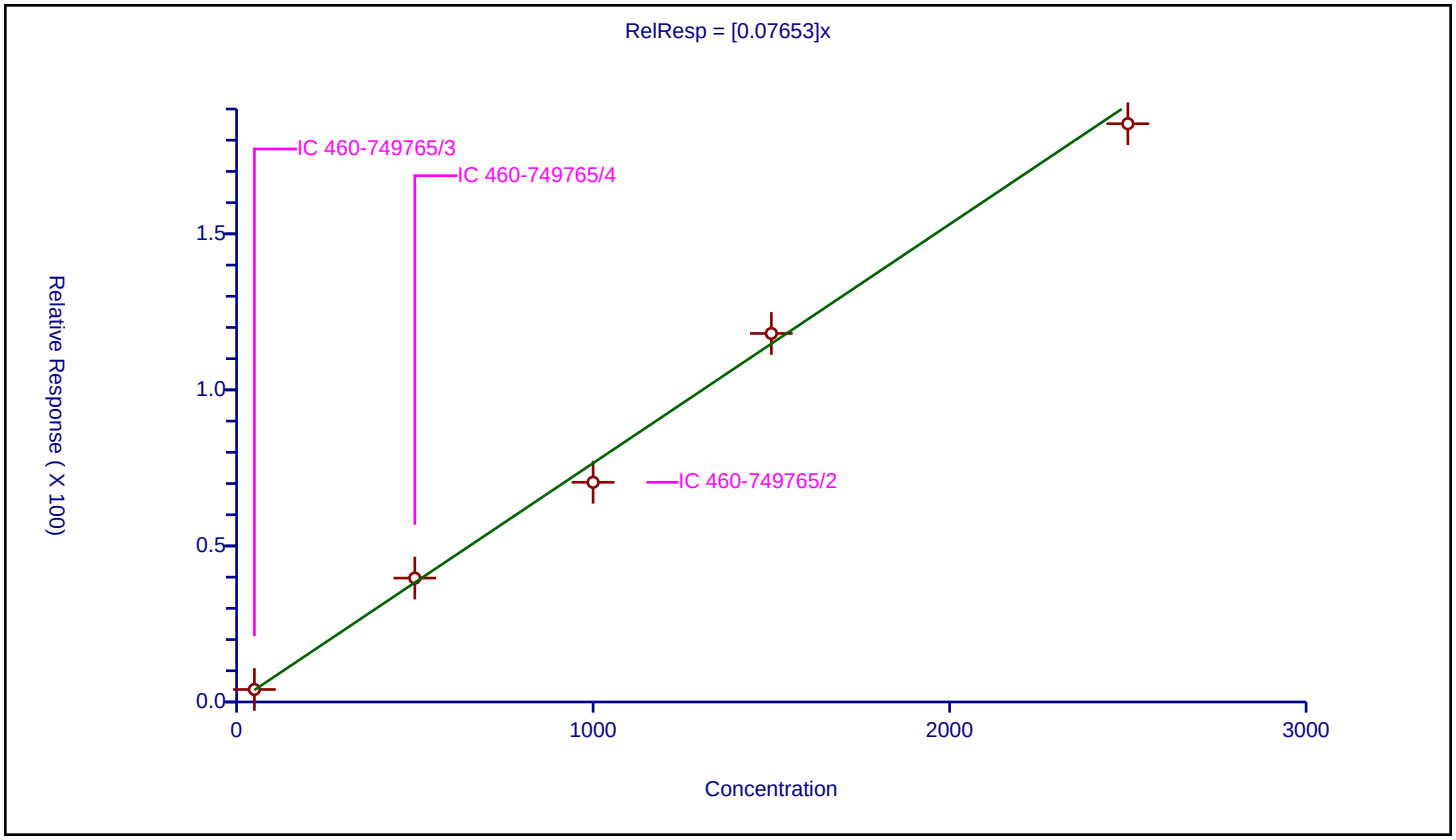
Curve Coefficients

Intercept:	0
Slope:	0.07653

Error Coefficients

Standard Error:	257000000
Relative Standard Error:	5.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	4.000983	20.0	44793629.0	0.08002	Y
2	IC 460-749765/4	500.0	39.695157	20.0	43888524.0	0.07939	Y
3	IC 460-749765/2	1000.0	70.391679	20.0	43959238.0	0.070392	Y
4	IC 460-749765/5	1500.0	118.091152	20.0	43479568.0	0.078727	Y
5	IC 460-749765/6	2500.0	185.290894	20.0	44104074.0	0.074116	Y



Calibration / PCB-1016 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

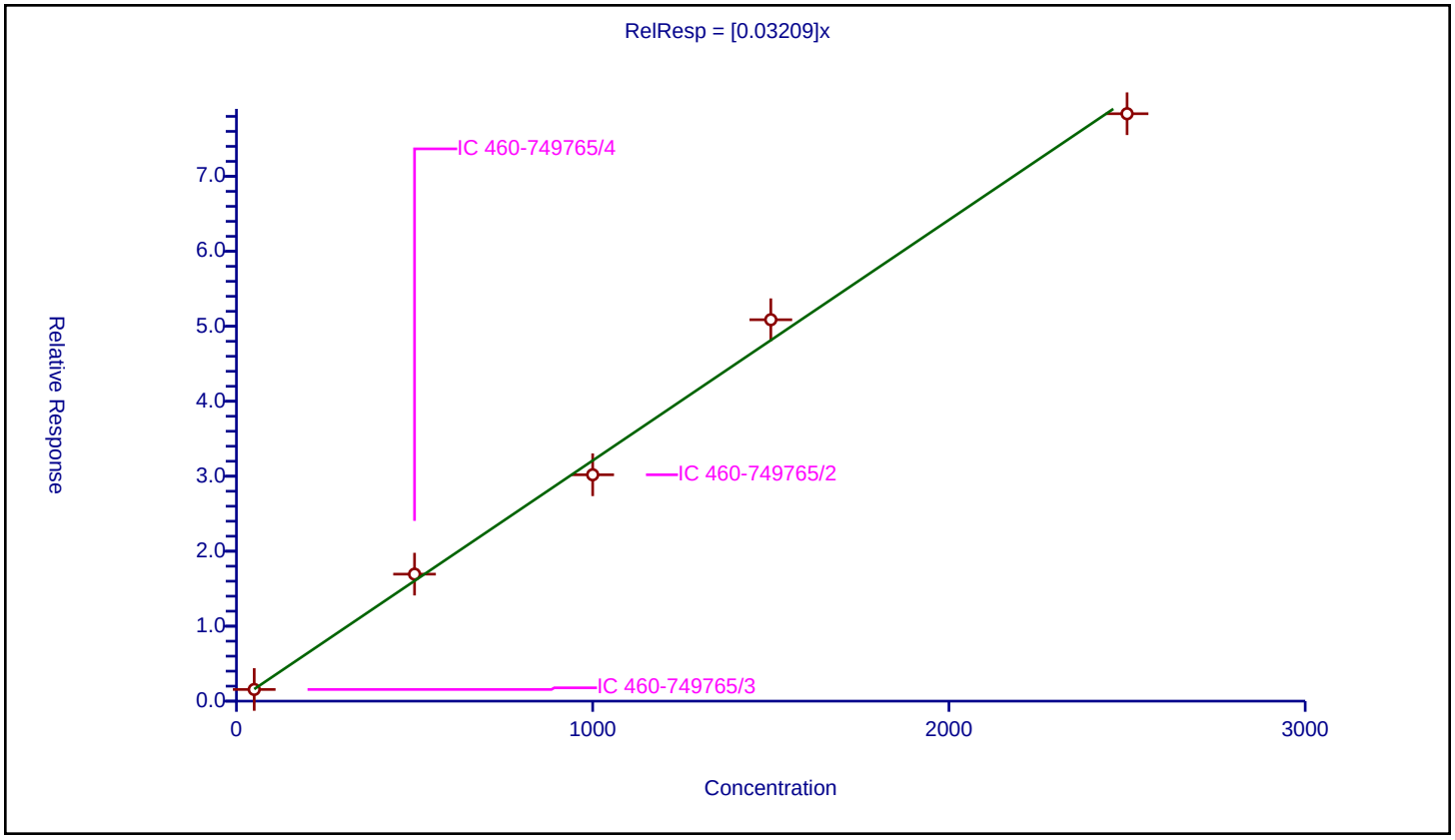
Curve Coefficients

Intercept:	0
Slope:	0.03209

Error Coefficients

Standard Error:	109000000
Relative Standard Error:	5.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.556629	20.0	44793629.0	0.031133	Y
2	IC 460-749765/4	500.0	16.941747	20.0	43888524.0	0.033883	Y
3	IC 460-749765/2	1000.0	30.196449	20.0	43959238.0	0.030196	Y
4	IC 460-749765/5	1500.0	50.877742	20.0	43479568.0	0.033918	Y
5	IC 460-749765/6	2500.0	78.358226	20.0	44104074.0	0.031343	Y



Calibration / PCB-1016 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

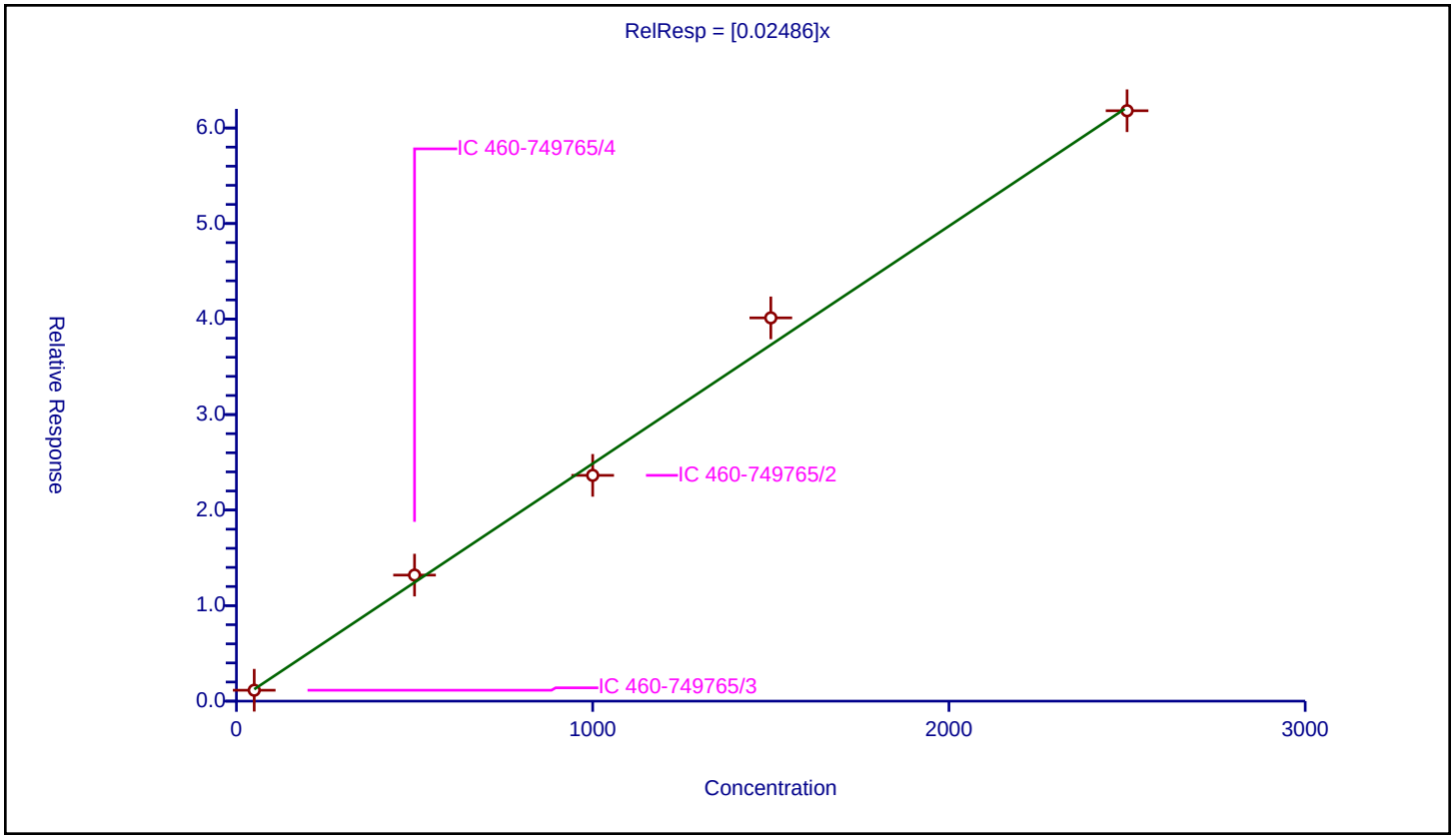
Curve Coefficients

Intercept:	0
Slope:	0.02486

Error Coefficients

Standard Error:	86200000
Relative Standard Error:	6.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.14111	20.0	44793629.0	0.022822	Y
2	IC 460-749765/4	500.0	13.195421	20.0	43888524.0	0.026391	Y
3	IC 460-749765/2	1000.0	23.636053	20.0	43959238.0	0.023636	Y
4	IC 460-749765/5	1500.0	40.123944	20.0	43479568.0	0.026749	Y
5	IC 460-749765/6	2500.0	61.807173	20.0	44104074.0	0.024723	Y



Calibration / PCB-1016 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

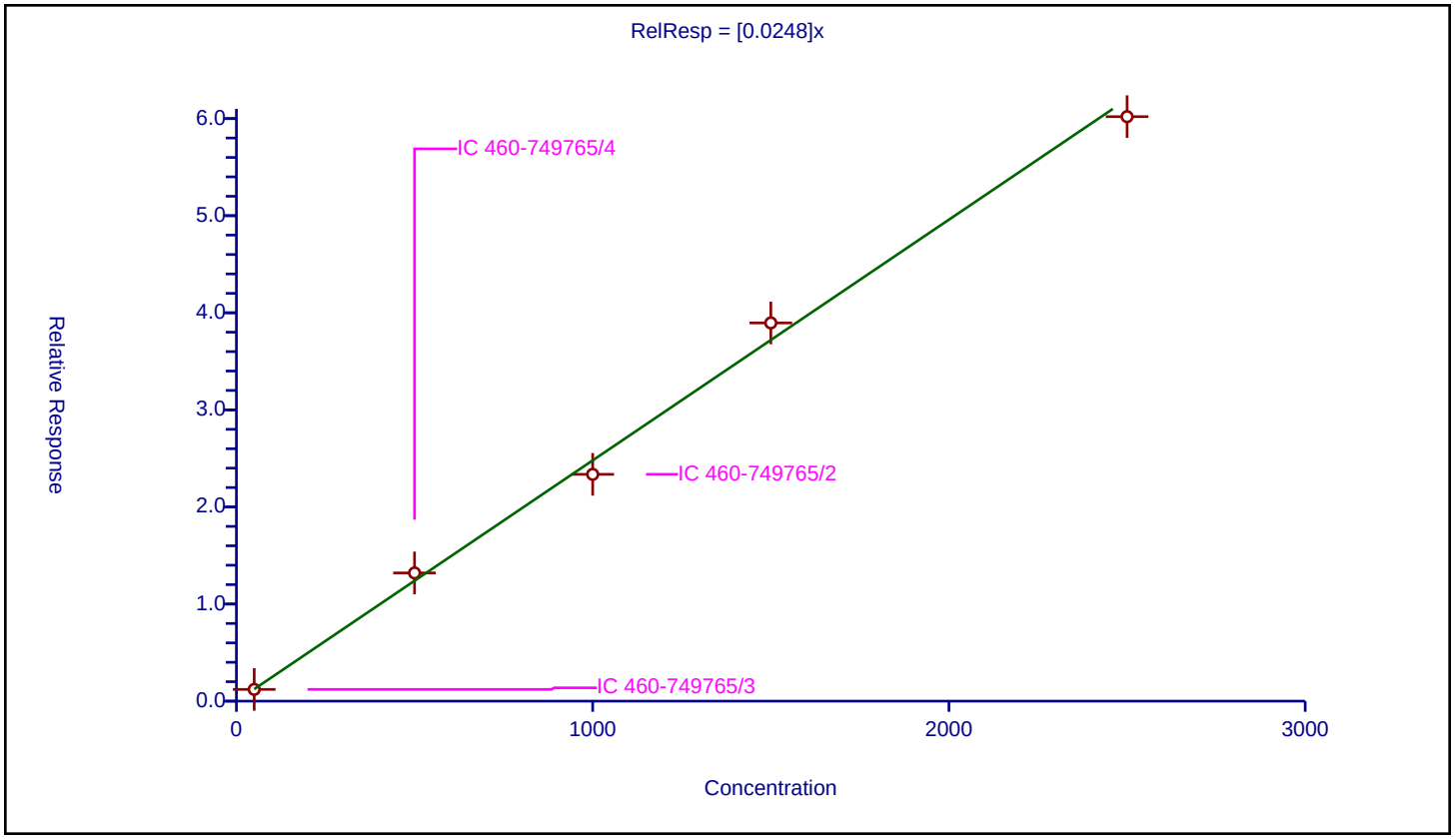
Curve Coefficients

Intercept:	0
Slope:	0.0248

Error Coefficients

Standard Error:	84100000
Relative Standard Error:	5.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.208082	20.0	44793629.0	0.024162	Y
2	IC 460-749765/4	500.0	13.203853	20.0	43888524.0	0.026408	Y
3	IC 460-749765/2	1000.0	23.36094	20.0	43959238.0	0.023361	Y
4	IC 460-749765/5	1500.0	38.954837	20.0	43479568.0	0.02597	Y
5	IC 460-749765/6	2500.0	60.200292	20.0	44104074.0	0.02408	Y



Calibration / PCB-1016 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

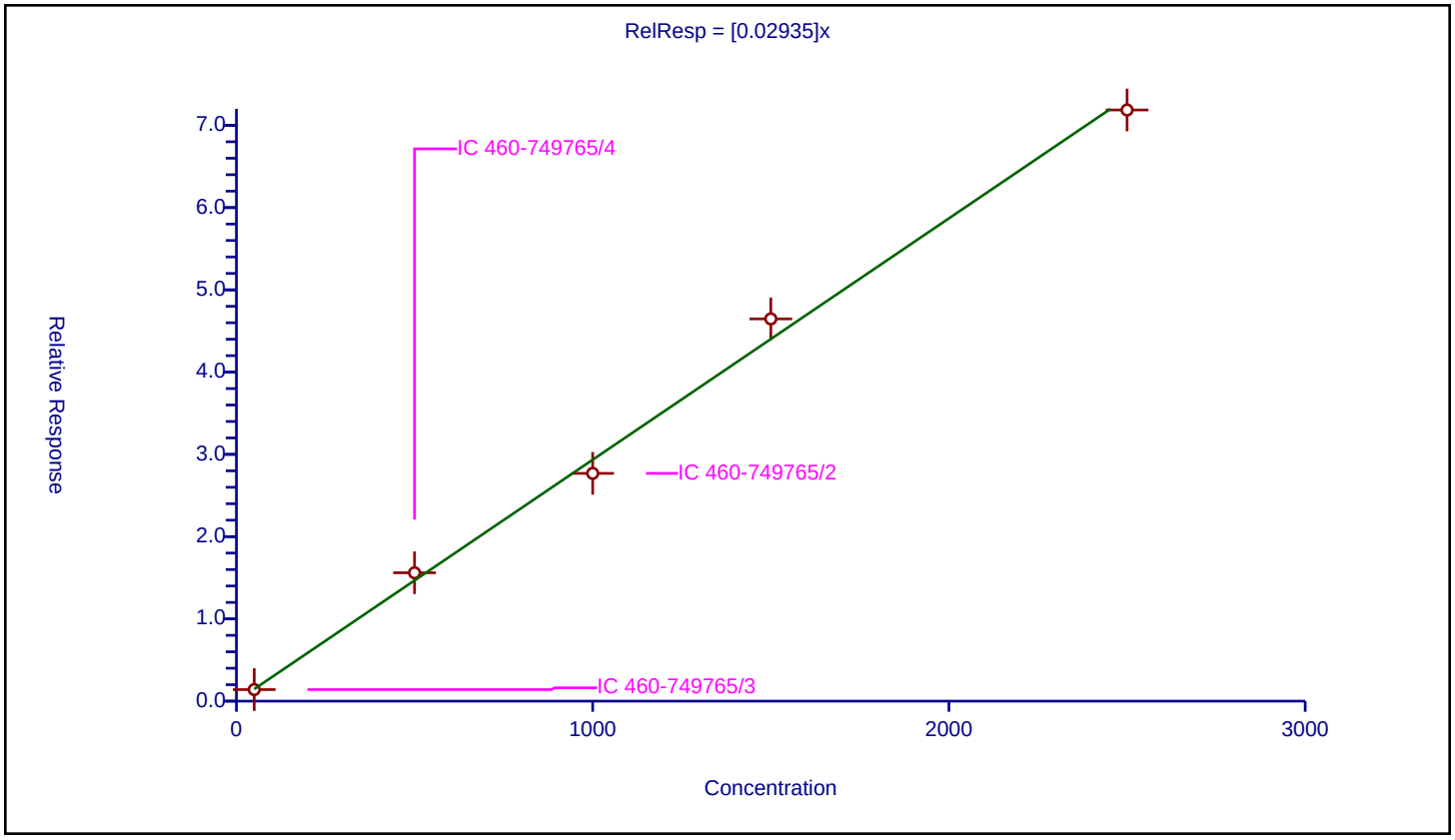
Curve Coefficients

Intercept:	0
Slope:	0.02935

Error Coefficients

Standard Error:	100000000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.404971	20.0	44793629.0	0.028099	Y
2	IC 460-749765/4	500.0	15.60592	20.0	43888524.0	0.031212	Y
3	IC 460-749765/2	1000.0	27.688941	20.0	43959238.0	0.027689	Y
4	IC 460-749765/5	1500.0	46.473418	20.0	43479568.0	0.030982	Y
5	IC 460-749765/6	2500.0	71.866051	20.0	44104074.0	0.028746	Y



Calibration / PCB-1016 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

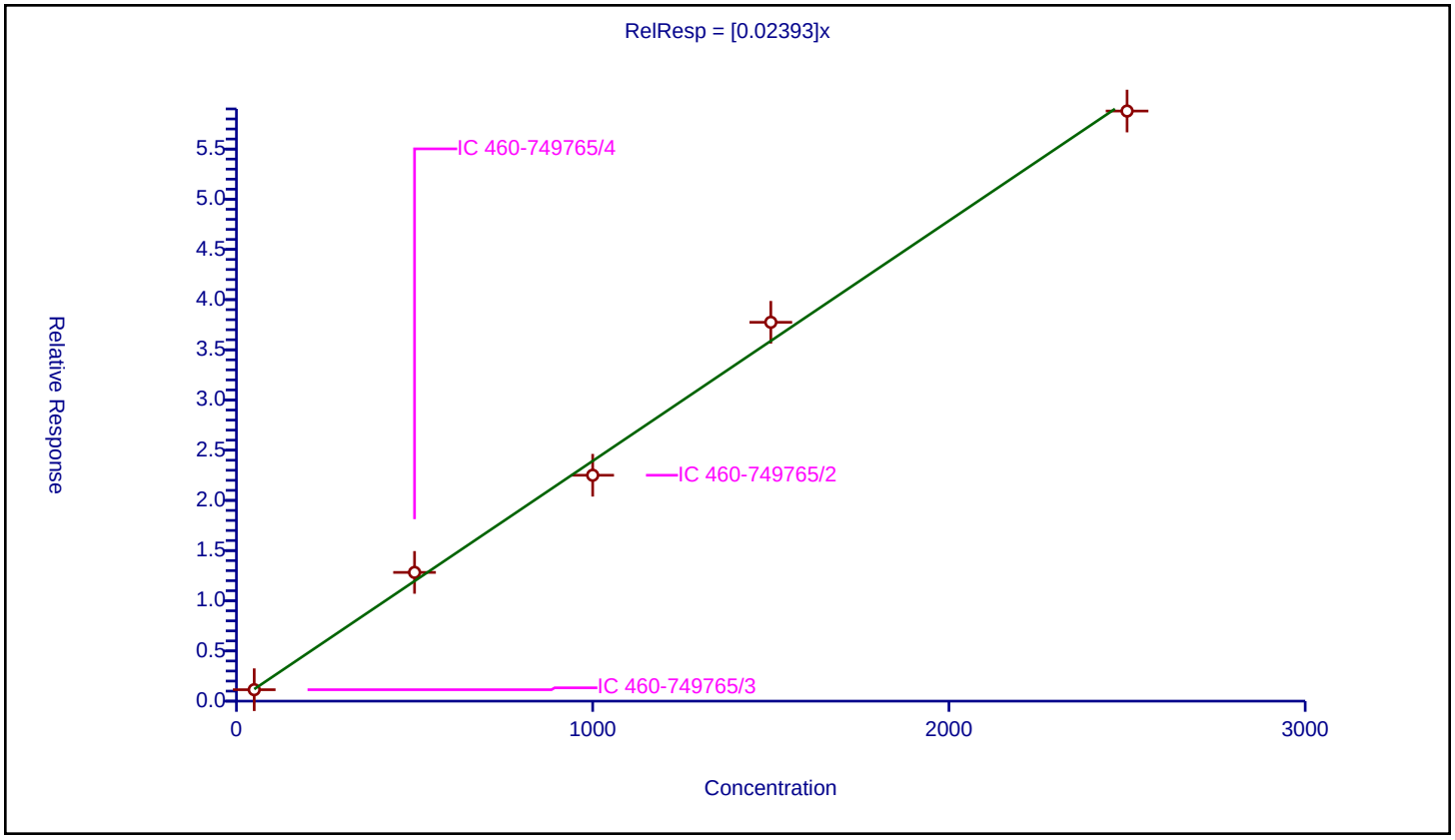
Curve Coefficients

Intercept:	0
Slope:	0.02393

Error Coefficients

Standard Error:	81800000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.14001	20.0	44793629.0	0.0228	Y
2	IC 460-749765/4	500.0	12.823656	20.0	43888524.0	0.025647	Y
3	IC 460-749765/2	1000.0	22.504128	20.0	43959238.0	0.022504	Y
4	IC 460-749765/5	1500.0	37.741695	20.0	43479568.0	0.025161	Y
5	IC 460-749765/6	2500.0	58.787151	20.0	44104074.0	0.023515	Y



Calibration / PCB-1260 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

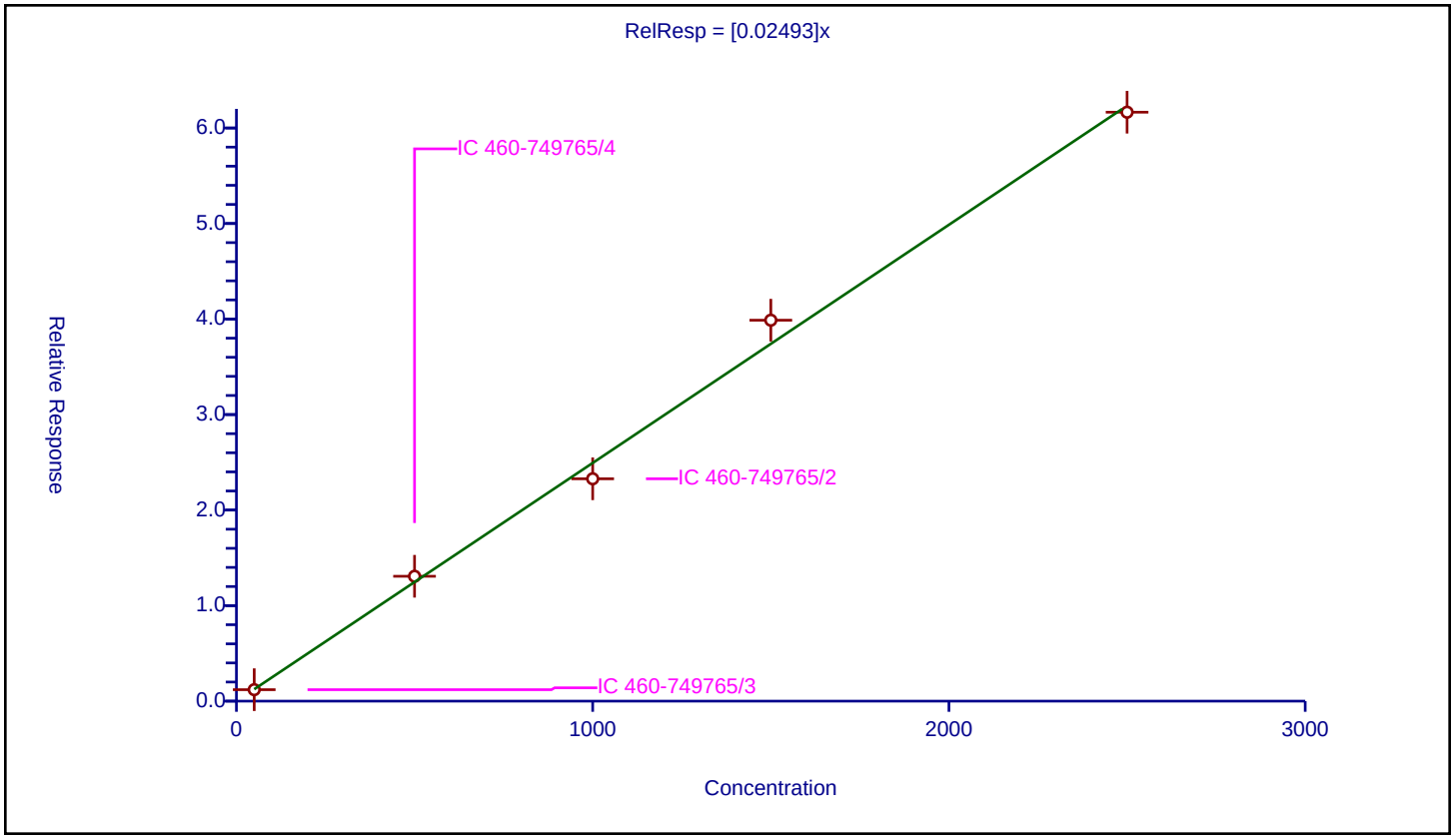
Curve Coefficients

Intercept:	0
Slope:	0.02493

Error Coefficients

Standard Error:	85800000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.200039	20.0	44793629.0	0.024001	Y
2	IC 460-749765/4	500.0	13.071781	20.0	43888524.0	0.026144	Y
3	IC 460-749765/2	1000.0	23.278068	20.0	43959238.0	0.023278	Y
4	IC 460-749765/5	1500.0	39.878888	20.0	43479568.0	0.026586	Y
5	IC 460-749765/6	2500.0	61.655527	20.0	44104074.0	0.024662	Y



Calibration / PCB-1260 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

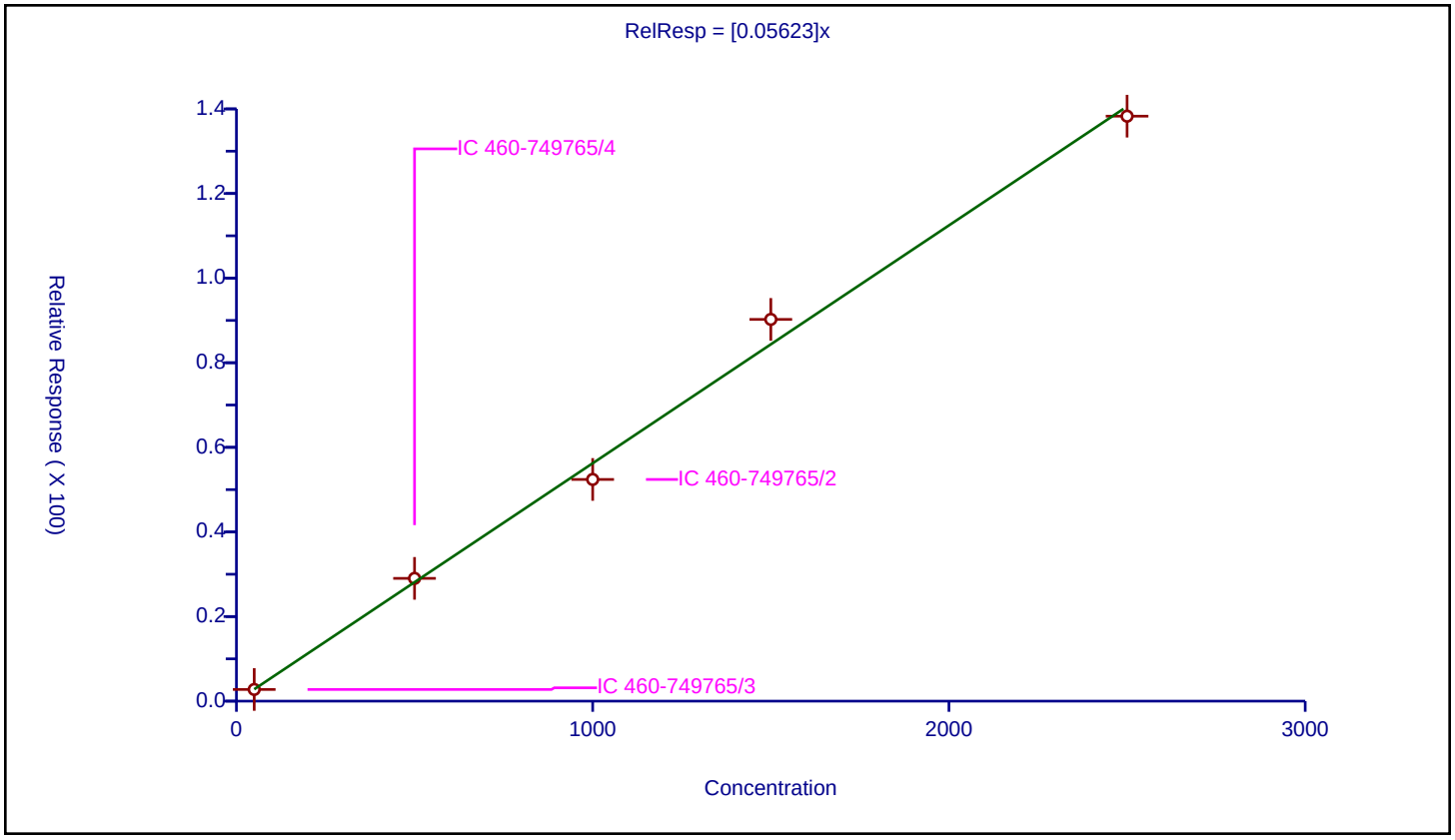
Curve Coefficients

Intercept:	0
Slope:	0.05623

Error Coefficients

Standard Error:	193000000
Relative Standard Error:	5.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	2.761862	20.0	44793629.0	0.055237	Y
2	IC 460-749765/4	500.0	29.018713	20.0	43888524.0	0.058037	Y
3	IC 460-749765/2	1000.0	52.406714	20.0	43959238.0	0.052407	Y
4	IC 460-749765/5	1500.0	90.238557	20.0	43479568.0	0.060159	Y
5	IC 460-749765/6	2500.0	138.279977	20.0	44104074.0	0.055312	Y



Calibration / PCB-1260 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

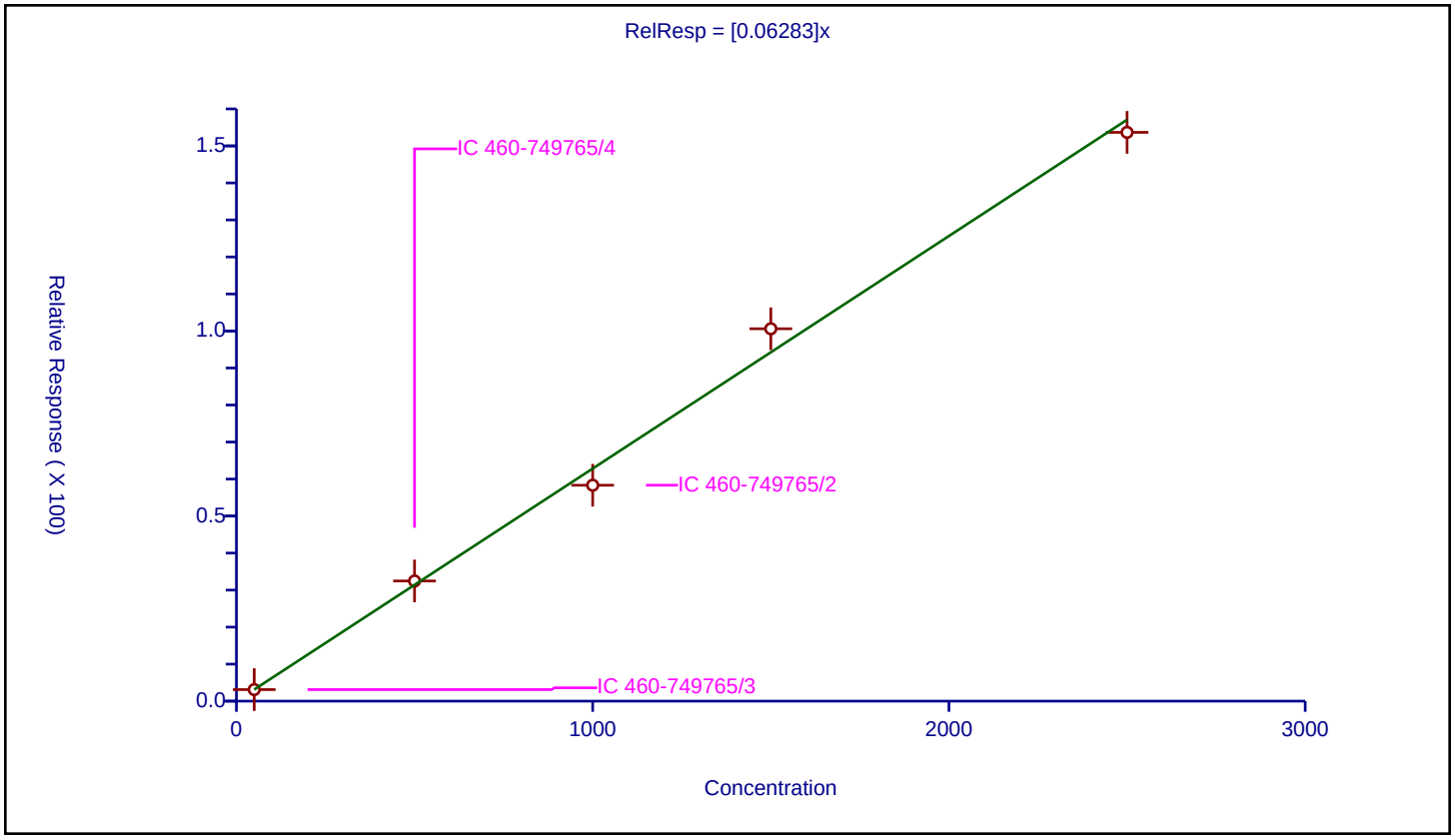
Curve Coefficients

Intercept:	0
Slope:	0.06283

Error Coefficients

Standard Error:	215000000
Relative Standard Error:	5.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	3.11774	20.0	44793629.0	0.062355	Y
2	IC 460-749765/4	500.0	32.464892	20.0	43888524.0	0.06493	Y
3	IC 460-749765/2	1000.0	58.326205	20.0	43959238.0	0.058326	Y
4	IC 460-749765/5	1500.0	100.603077	20.0	43479568.0	0.067069	Y
5	IC 460-749765/6	2500.0	153.662044	20.0	44104074.0	0.061465	Y



Calibration / PCB-1260 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

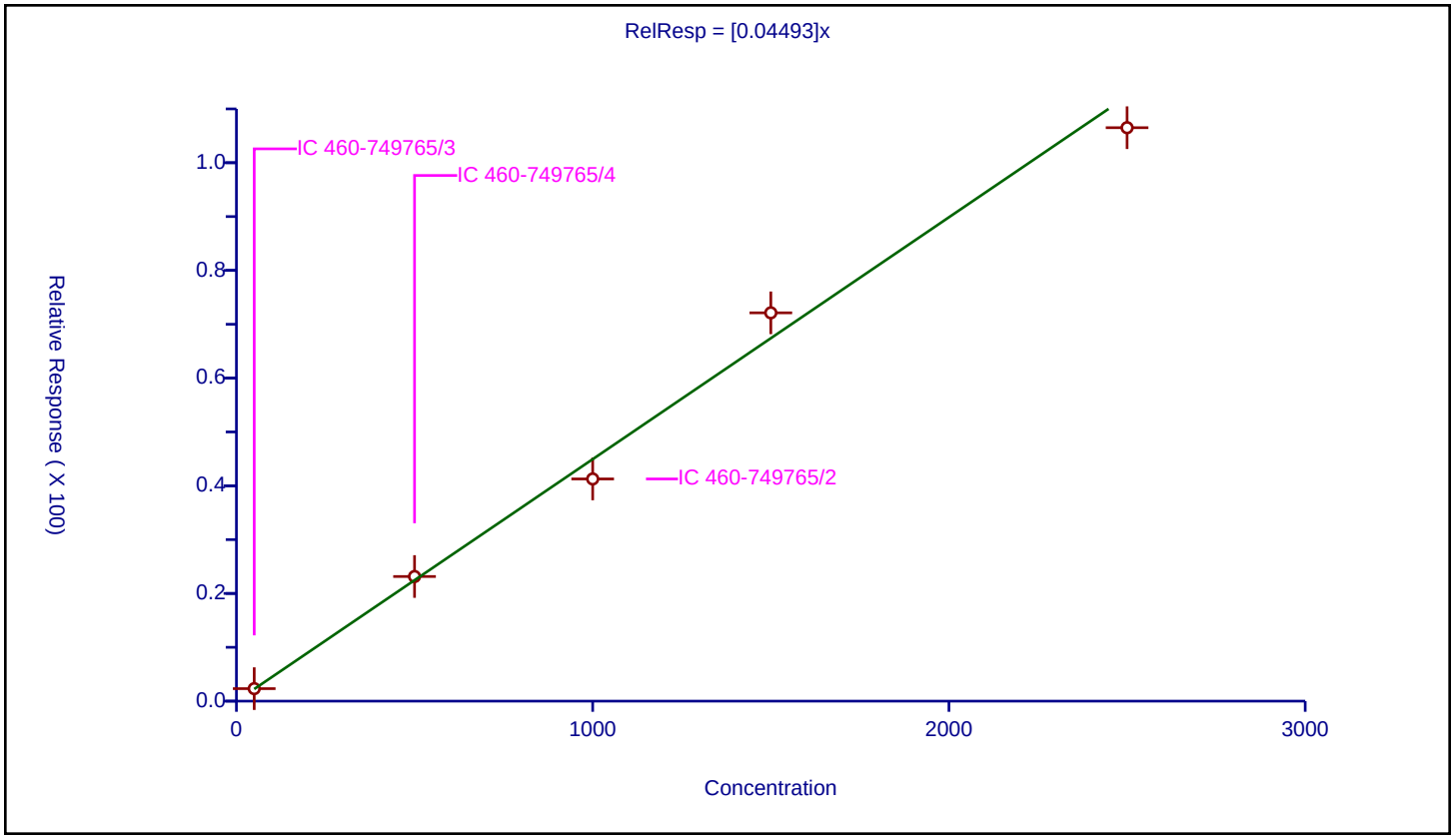
Curve Coefficients

Intercept:	0
Slope:	0.04493

Error Coefficients

Standard Error:	150000000
Relative Standard Error:	6.4
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	2.321075	20.0	44793629.0	0.046421	Y
2	IC 460-749765/4	500.0	23.149843	20.0	43888524.0	0.0463	Y
3	IC 460-749765/2	1000.0	41.269597	20.0	43959238.0	0.04127	Y
4	IC 460-749765/5	1500.0	72.120406	20.0	43479568.0	0.04808	Y
5	IC 460-749765/6	2500.0	106.505558	20.0	44104074.0	0.042602	Y



Calibration / PCB-1260 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

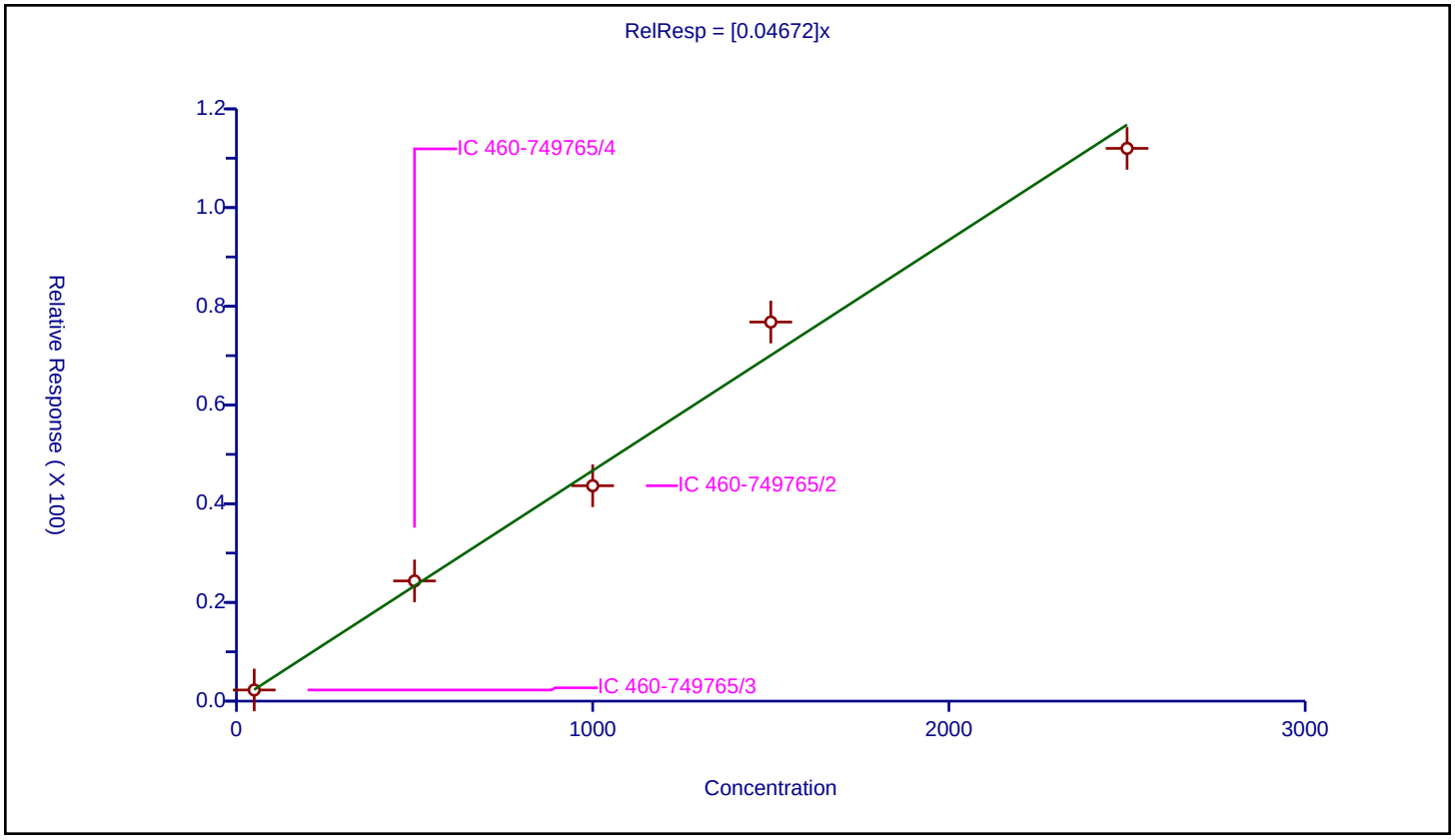
Curve Coefficients

Intercept:	0
Slope:	0.04672

Error Coefficients

Standard Error:	159000000
Relative Standard Error:	6.7
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	2.260966	20.0	44793629.0	0.045219	Y
2	IC 460-749765/4	500.0	24.357917	20.0	43888524.0	0.048716	Y
3	IC 460-749765/2	1000.0	43.645768	20.0	43959238.0	0.043646	Y
4	IC 460-749765/5	1500.0	76.810365	20.0	43479568.0	0.051207	Y
5	IC 460-749765/6	2500.0	111.999899	20.0	44104074.0	0.0448	Y



Calibration / PCB-1260 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

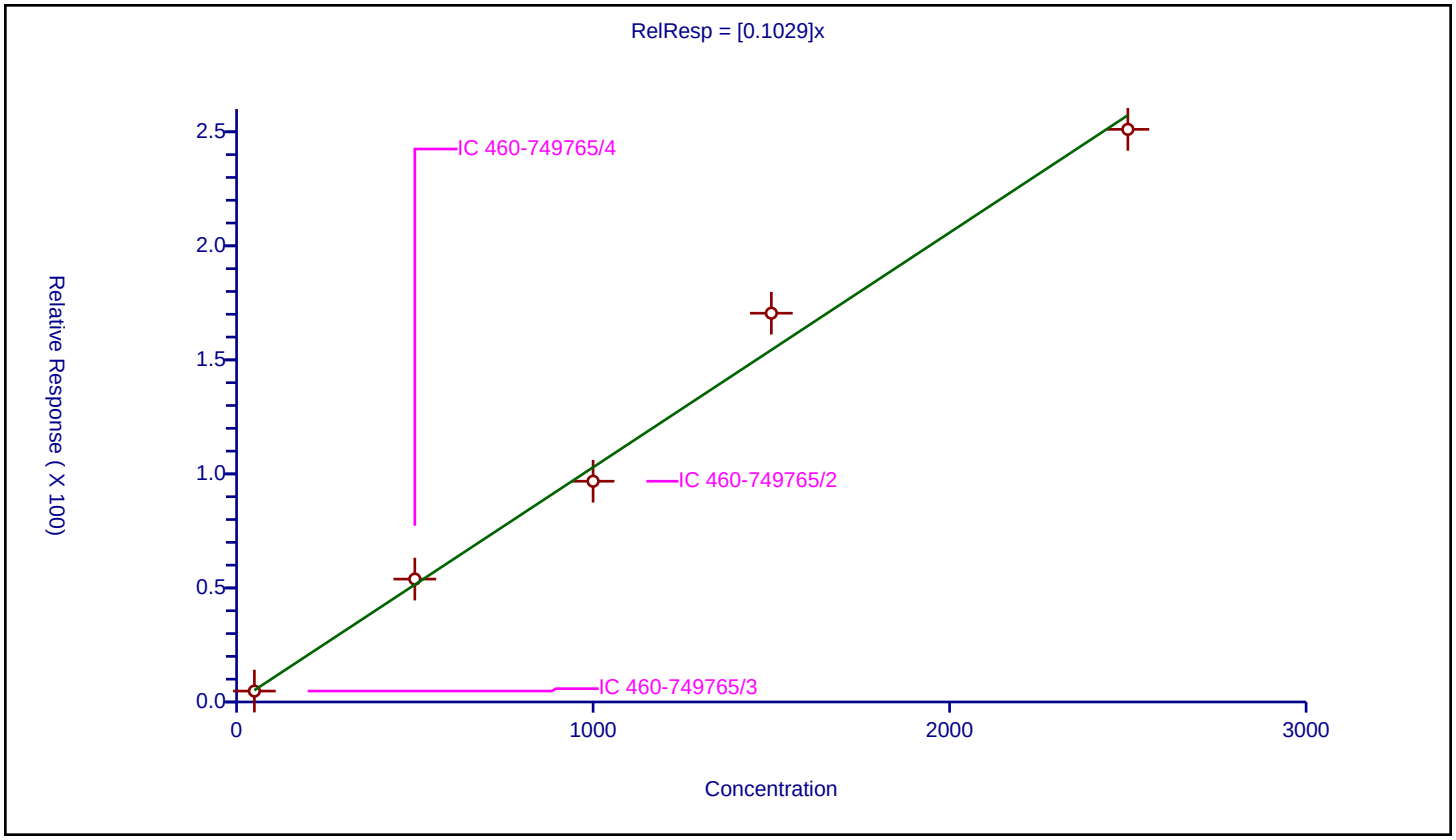
Curve Coefficients

Intercept:	0
Slope:	0.1029

Error Coefficients

Standard Error:	355000000
Relative Standard Error:	7.4
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	4.793457	20.0	44793629.0	0.095869	Y
2	IC 460-749765/4	500.0	53.88805	20.0	43888524.0	0.107776	Y
3	IC 460-749765/2	1000.0	96.798482	20.0	43959238.0	0.096798	Y
4	IC 460-749765/5	1500.0	170.476036	20.0	43479568.0	0.113651	Y
5	IC 460-749765/6	2500.0	251.073212	20.0	44104074.0	0.100429	Y



Calibration / PCB-1260 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

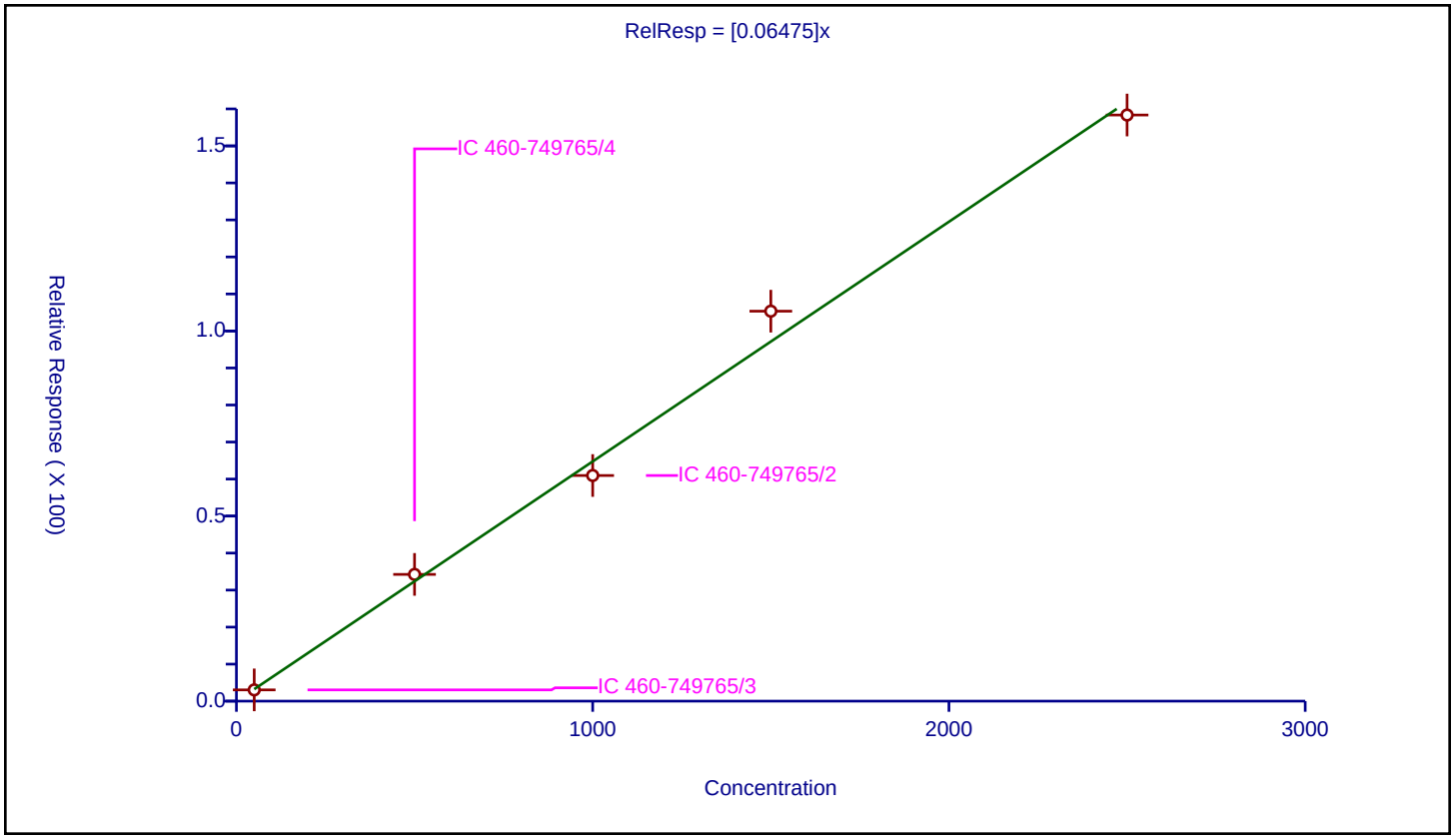
Curve Coefficients

Intercept:	0
Slope:	0.06475

Error Coefficients

Standard Error:	222000000
Relative Standard Error:	6.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	3.037872	20.0	44793629.0	0.060757	Y
2	IC 460-749765/4	500.0	34.241454	20.0	43888524.0	0.068483	Y
3	IC 460-749765/2	1000.0	60.959138	20.0	43959238.0	0.060959	Y
4	IC 460-749765/5	1500.0	105.350636	20.0	43479568.0	0.070234	Y
5	IC 460-749765/6	2500.0	158.343058	20.0	44104074.0	0.063337	Y



Calibration / PCB-1260 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

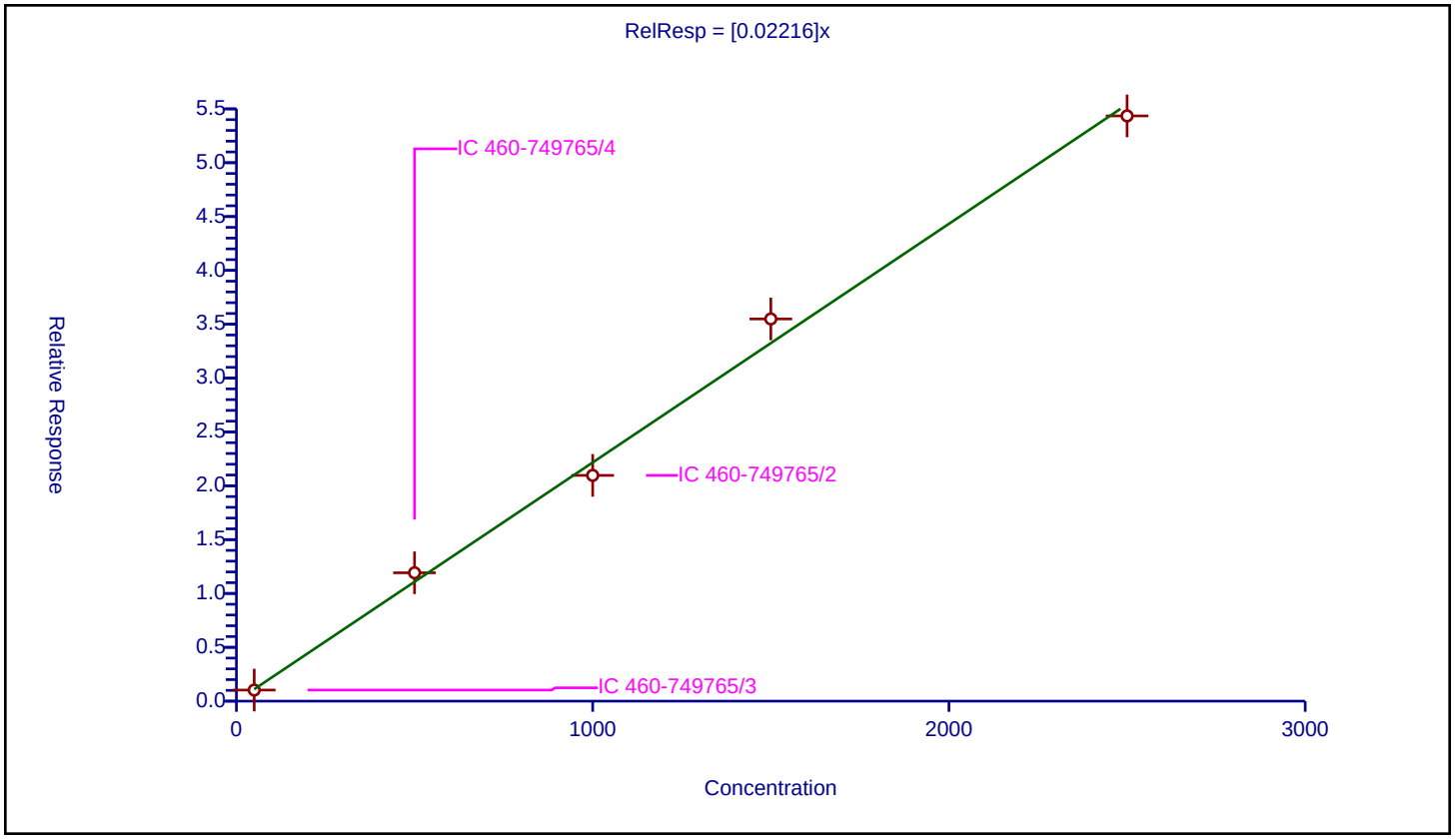
Curve Coefficients

Intercept:	0
Slope:	0.02216

Error Coefficients

Standard Error:	76000000
Relative Standard Error:	6.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.030643	20.0	44793629.0	0.020613	Y
2	IC 460-749765/4	500.0	11.920361	20.0	43888524.0	0.023841	Y
3	IC 460-749765/2	1000.0	20.966796	20.0	43959238.0	0.020967	Y
4	IC 460-749765/5	1500.0	35.49204	20.0	43479568.0	0.023661	Y
5	IC 460-749765/6	2500.0	54.347507	20.0	44104074.0	0.021739	Y



Calibration / DCB Decachlorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

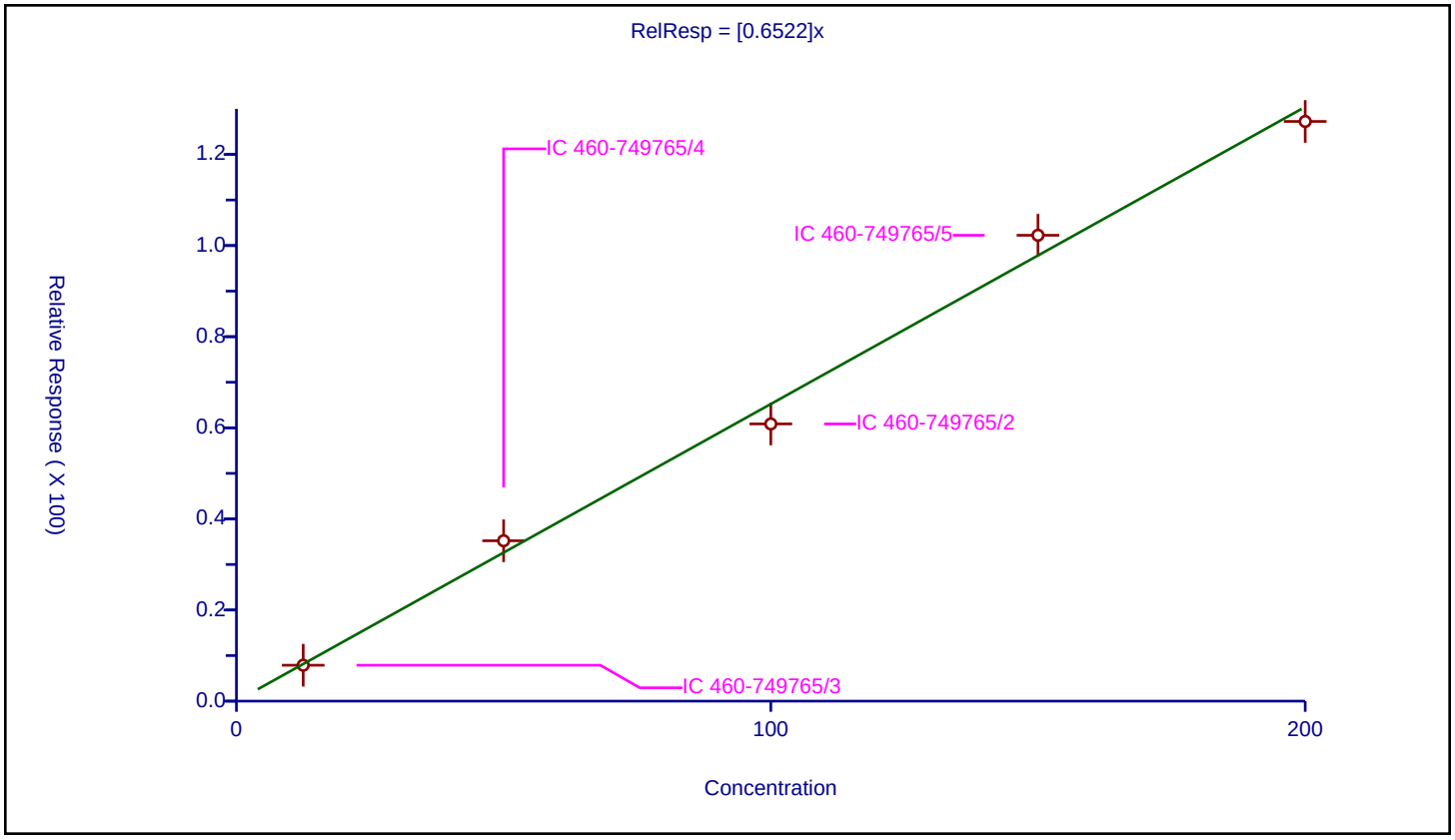
Curve Coefficients

Intercept:	0
Slope:	0.6522

Error Coefficients

Standard Error:	195000000
Relative Standard Error:	6.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	12.5	7.881024	20.0	44793629.0	0.630482	Y
2	IC 460-749765/4	50.0	35.200432	20.0	43888524.0	0.704009	Y
3	IC 460-749765/2	100.0	60.848355	20.0	43959238.0	0.608484	Y
4	IC 460-749765/5	150.0	102.257511	20.0	43479568.0	0.681717	Y
5	IC 460-749765/6	200.0	127.246229	20.0	44104074.0	0.636231	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 10:48 Calibration End Date: 12/28/2020 11:56 Calibration ID: 83233

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/3	T1580620.D
Level 2	IC 460-749765/4	T1580621.D
Level 3	IC 460-749765/2	T1580619.D
Level 4	IC 460-749765/5	T1580622.D
Level 5	IC 460-749765/6	T1580623.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0190	0.0195	0.0174	0.0190	0.0171	Ave		0.0184				5.9		20.0			
PCB-1016 Peak 2	0.0346	0.0386	0.0342	0.0373	0.0342	Ave		0.0358				5.7		20.0			
PCB-1016 Peak 3	0.0227	0.0263	0.0233	0.0259	0.0239	Ave		0.0245				6.6		20.0			
PCB-1016 Peak 4	0.0708	0.0831	0.0743	0.0824	0.0787	Ave		0.0778				6.8		20.0			
PCB-1016 Peak 5	0.0308	0.0344	0.0308	0.0343	0.0323	Ave		0.0325				5.5		20.0			
PCB-1016 Peak 6	0.0204	0.0209	0.0187	0.0211	0.0199	Ave		0.0202				4.7		20.0			
PCB-1016 Peak 7	0.0338	0.0352	0.0315	0.0360	0.0335	Ave		0.0340				5.1		20.0			
PCB-1016 Peak 8	0.0192	0.0206	0.0182	0.0211	0.0189	Ave		0.0196				6.2		20.0			
PCB-1260 Peak 1	0.0503	0.0560	0.0503	0.0570	0.0525	Ave		0.0532				5.9		20.0			
PCB-1260 Peak 2	0.0943	0.1038	0.0940	0.1060	0.0982	Ave		0.0993				5.5		20.0			
PCB-1260 Peak 3	0.0570	0.0501	0.0450	0.0506	0.0467	Ave		0.0499				9.3		20.0			
PCB-1260 Peak 4	0.0526	0.0552	0.0499	0.0566	0.0526	Ave		0.0534				4.9		20.0			
PCB-1260 Peak 5	0.1049	0.1214	0.1104	0.1264	0.1185	Ave		0.1163				7.4		20.0			
PCB-1260 Peak 6	0.0534	0.0645	0.0582	0.0661	0.0618	Ave		0.0608				8.4		20.0			
PCB-1260 Peak 7	0.0305	0.0372	0.0330	0.0383	0.0352	Ave		0.0348				9.0		20.0			
PCB-1260 Peak 8	0.0270	0.0333	0.0296	0.0336	0.0311	Ave		0.0309				8.9		20.0			
Tetrachloro-m-xylene	0.8991	1.0636	0.9461	1.0385	0.9720	Ave		0.9839				6.8		20.0			
DCB Decachlorobiphenyl	1.0737	1.2093	1.0569	1.1810	1.1017	Ave		1.1245				6.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 10:48 Calibration End Date: 12/28/2020 11:56 Calibration ID: 83233

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/3	T1580620.D
Level 2	IC 460-749765/4	T1580621.D
Level 3	IC 460-749765/2	T1580619.D
Level 4	IC 460-749765/5	T1580622.D
Level 5	IC 460-749765/6	T1580623.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	2296722	23190167	41684488	68204800	103372970	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	4188085	45851446	81946172	133926876	207269890	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	2756353	31289545	55948872	93095961	144608591	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	8575452	98638663	178084777	295557658	476740475	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	3735909	40880647	73899029	123255858	195502492	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	2472282	24863368	44924016	75606764	120361890	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	4100748	41790608	75505586	129251308	202892053	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	2324638	24407002	43674919	75888061	114349793	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	6094327	66453261	120545917	204542578	317845150	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	11421394	123255775	225337466	380456796	594559781	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	6908458	59519264	107748500	181626773	282986624	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	6368449	65504388	119548885	203036152	318318441	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	12714684	144157508	264489560	453486117	717619703	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	6468502	76636812	139431954	237144290	374387076	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	3699760	44147462	79105161	137610337	212967777	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	3268127	39567542	70970774	120665290	188285912	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	27236392	126299965	226722154	372656599	470867906	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	32526386	143600771	253259833	423789213	533726522	12.5	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580619.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 28-Dec-2020 10:48:01 ALS Bottle#: 7 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:32:45 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 10:06:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.701	1.701	0.000	43959238	20.0	20.0	
2	1.425	1.425	0.000	47926496	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.690	2.690	0.000	219910937	100.0	96.0	
2	2.086	2.086	0.000	226722154	100.0	96.2	M
						RPD = 0.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.308	3.308	0.000	40187982	1000.0	956.5	
1	3.820	3.820	0.000	82850607	1000.0	956.1	
1	4.394	4.394	0.000	154718228	1000.0	919.8	M
1	4.562	4.562	0.000	66370644	1000.0	940.9	M
1	4.689	4.689	0.000	51951143	1000.0	950.6	M
1	5.152	5.152	0.000	51346456	1000.0	942.1	M
1	5.305	5.305	0.000	60859237	1000.0	943.5	M
1	5.692	5.692	0.000	49463217	1000.0	940.6	M
		Average of Peak Amounts =				943.8	
2	2.466	2.466	0.000	41684488	1000.0	945.8	M
2	2.848	2.848	0.000	81946172	1000.0	955.6	
2	3.066	3.066	0.000	55948872	1000.0	954.8	
2	3.362	3.362	0.000	178084777	1000.0	954.6	
2	3.512	3.512	0.000	73899029	1000.0	947.5	
2	3.581	3.581	0.000	44924016	1000.0	927.8	
2	3.984	3.984	0.000	75505586	1000.0	926.4	
2	4.427	4.427	0.000	43674919	1000.0	929.9	M
		Average of Peak Amounts =				942.8	
						RPD = 0.10	
8 PCB-1260							M
1	6.714	6.714	0.000	51164306	1000.0	933.6	M
1	6.976	6.976	0.000	115187961	1000.0	932.0	M
1	7.355	7.355	0.000	128198776	1000.0	928.3	M
1	8.210	8.210	0.000	90709002	1000.0	918.4	M
1	8.817	8.817	0.000	95931735	1000.0	934.2	M
1	9.400	9.400	0.000	212759375	1000.0	940.7	M
1	9.966	9.966	0.000	133985862	1000.0	941.4	
1	10.616	10.616	0.000	46084219	1000.0	946.0	
		Average of Peak Amounts =				934.3	
2	5.418	5.418	0.000	120545917	1000.0	945.4	M
2	5.770	5.770	0.000	225337466	1000.0	947.4	M
2	6.313	6.313	0.000	107748500	1000.0	901.3	M
2	6.679	6.679	0.000	119548885	1000.0	935.1	M
2	7.196	7.196	0.000	264489560	1000.0	948.9	M
2	7.686	7.686	0.000	139431954	1000.0	956.9	
2	7.846	7.846	0.000	79105161	1000.0	947.3	
2	8.951	8.951	0.000	70970774	1000.0	957.7	
		Average of Peak Amounts =				942.5	
						RPD = 0.87	
$ 11 DCB Decachlorobiphenyl							
1	11.140	11.140	0.000	133742365	100.0	93.3	
2	9.835	9.835	0.000	253259833	100.0	94.0	
						RPD = 0.73	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L3_00038	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:32:46 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580619.D

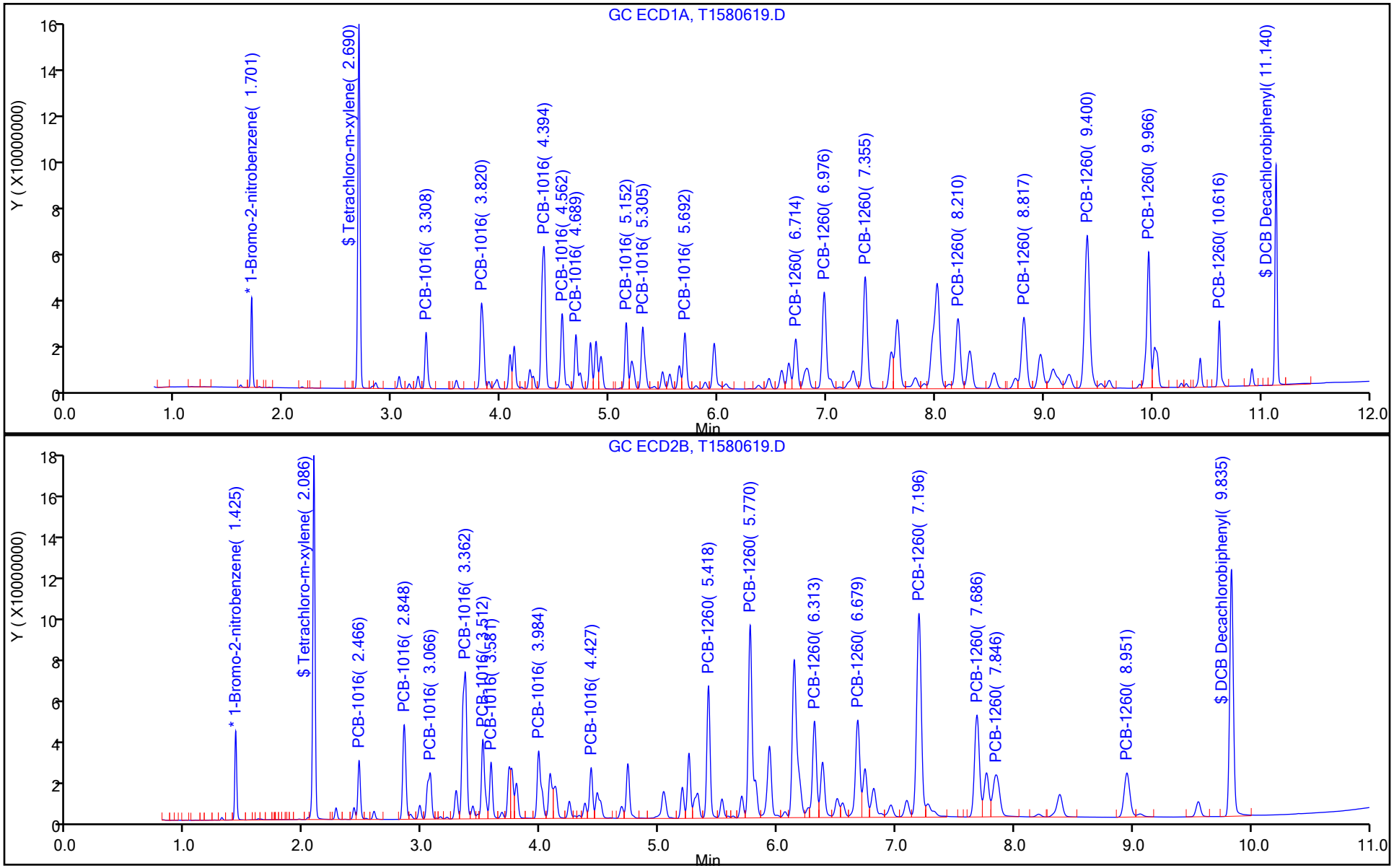
Injection Date: 28-Dec-2020 10:48:01 Instrument ID: CPESTGC11 Operator ID:

Lims ID: IC PCB 3 Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

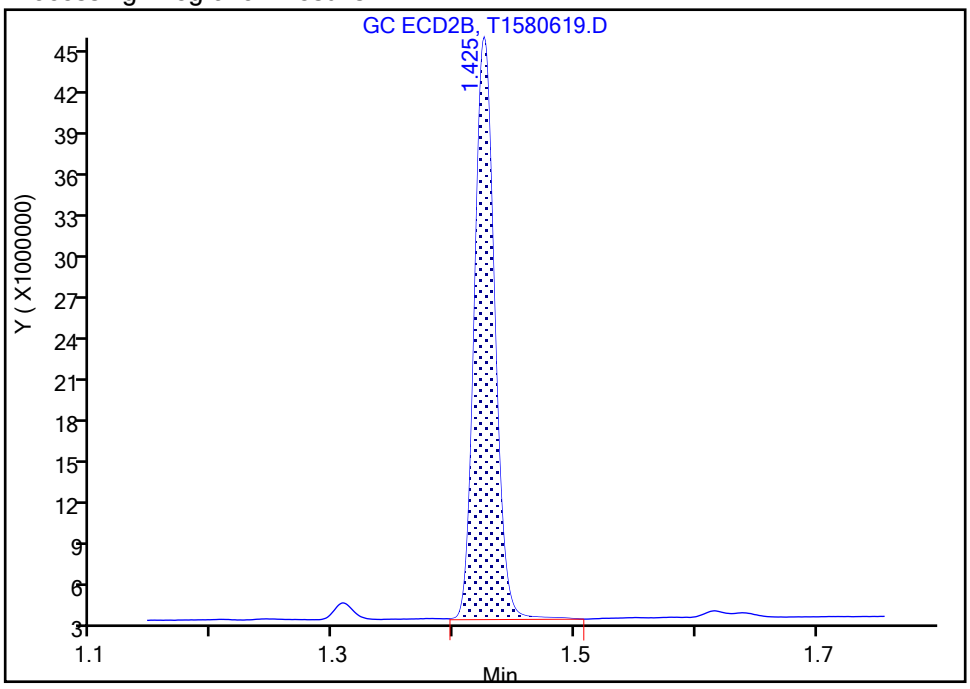
Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580619.D
Injection Date: 28-Dec-2020 10:48:01 Instrument ID: CPESTGC11
Lims ID: IC PCB 3
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

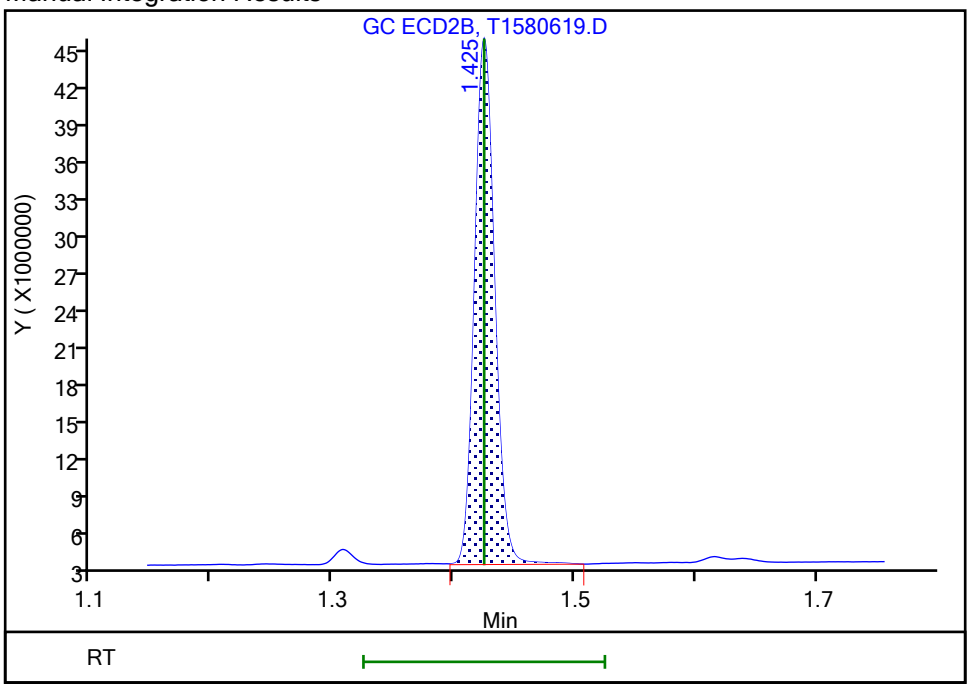
Processing Integration Results

RT: 1.42
Area: 48233670
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 47926496
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 28-Dec-2020 10:07:41
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

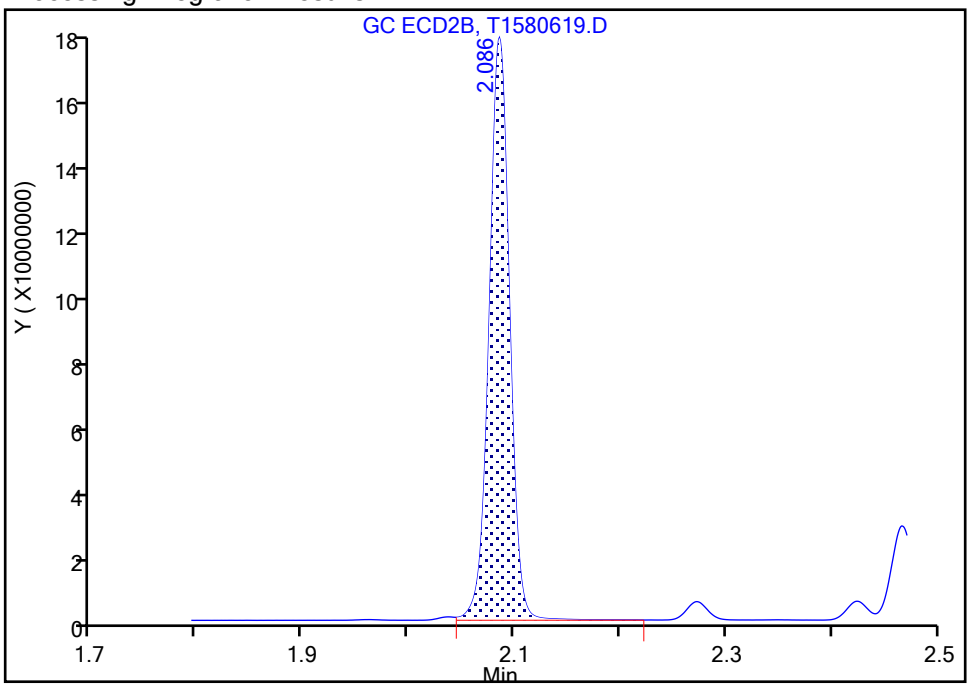
Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580619.D				
Injection Date:	28-Dec-2020 10:48:01	Instrument ID:	CPESTGC11		
Lims ID:	IC PCB 3				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 2

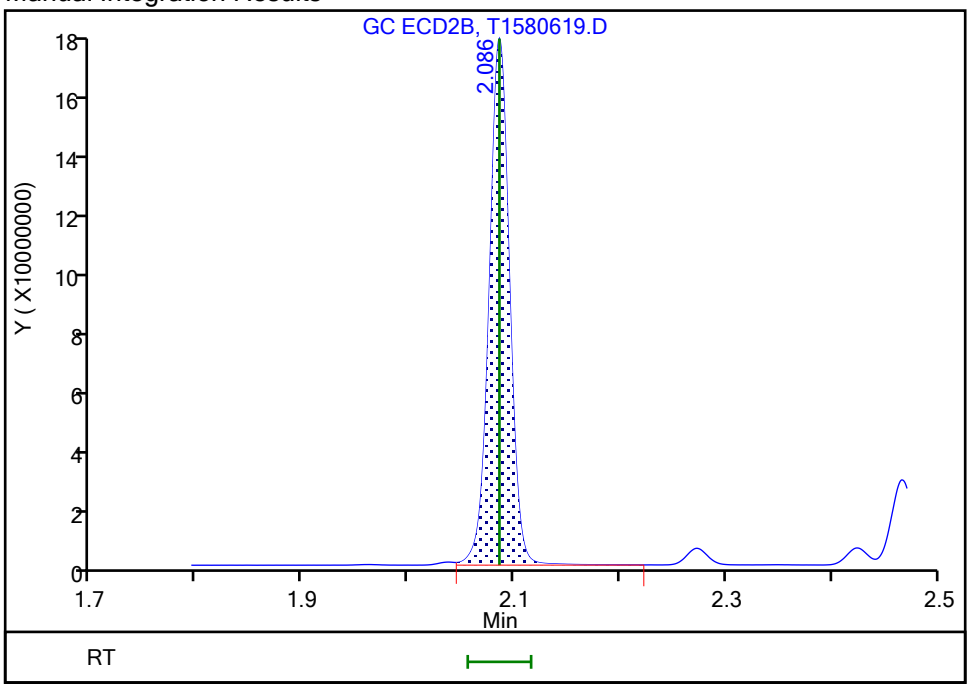
Processing Integration Results

RT: 2.09
Area: 227878372
Amount: 100.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 226722154
Amount: 96.164594
Amount Units: ug/l



Reviewer: patelji, 28-Dec-2020 10:07:45

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Report Date: 28-Dec-2020 13:32:46 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580619.D

Injection Date: 28-Dec-2020 10:48:01 Instrument ID: CPESTGC11

Lims ID: IC PCB 3

Client ID:

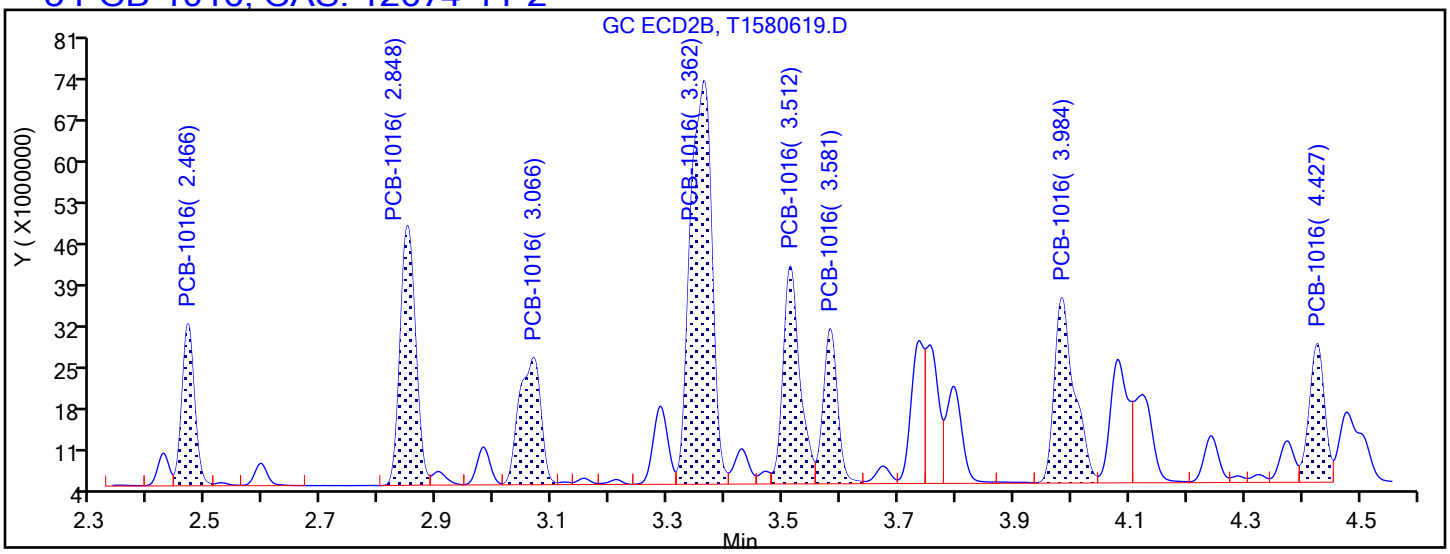
Operator ID: ALS Bottle#: 7 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

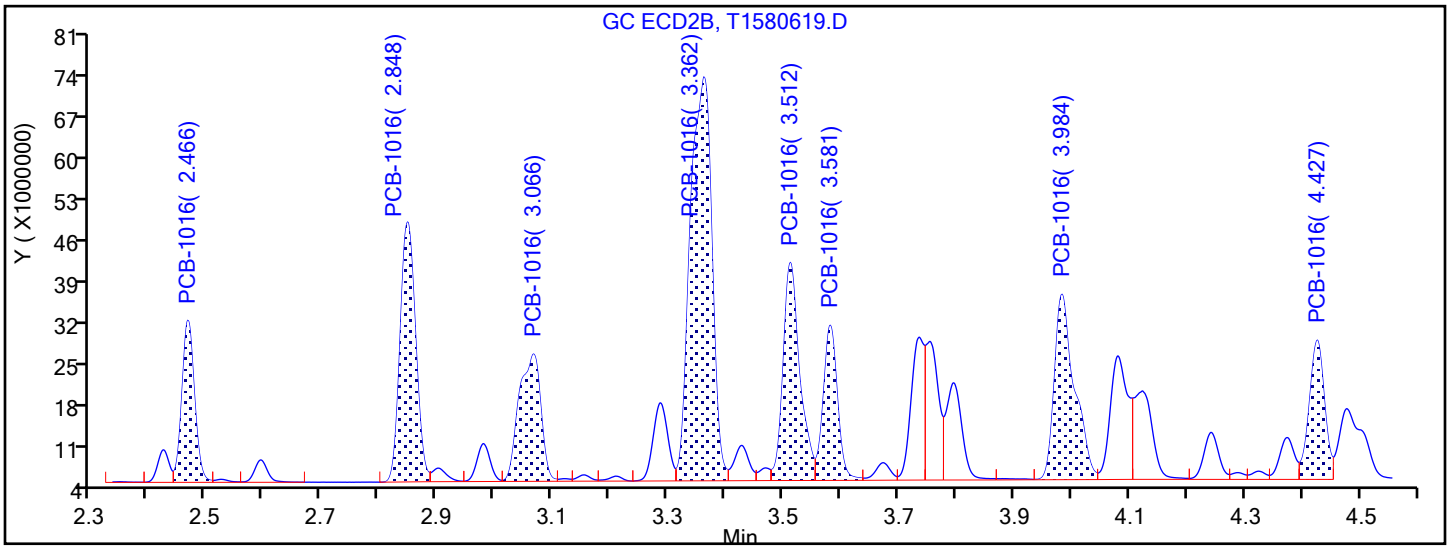
Column: Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.466	Response = 41737145
2.848	Response = 81946172
3.066	Response = 55948872
3.362	Response = 178084777
3.512	Response = 73899029
3.581	Response = 44924016
3.984	Response = 75505586
4.427	Response = 43330972



Manual Integration Results

2.466	Response = 41684488	M
2.848	Response = 81946172	
3.066	Response = 55948872	
3.362	Response = 178084777	
3.512	Response = 73899029	
3.581	Response = 44924016	

Report Date: 28-Dec-2020 13:32:46 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580619.D

Injection Date: 28-Dec-2020 10:48:01 Instrument ID: CPESTGC11

Lims ID: IC PCB 3

Client ID:

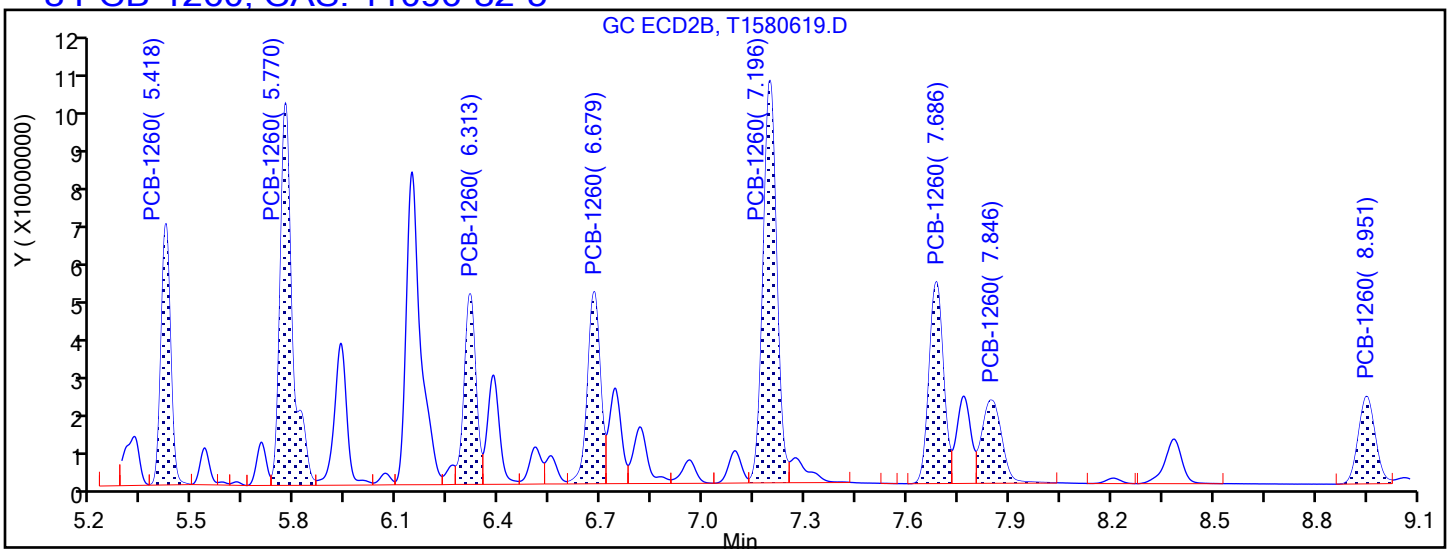
Operator ID: ALS Bottle#: 7 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

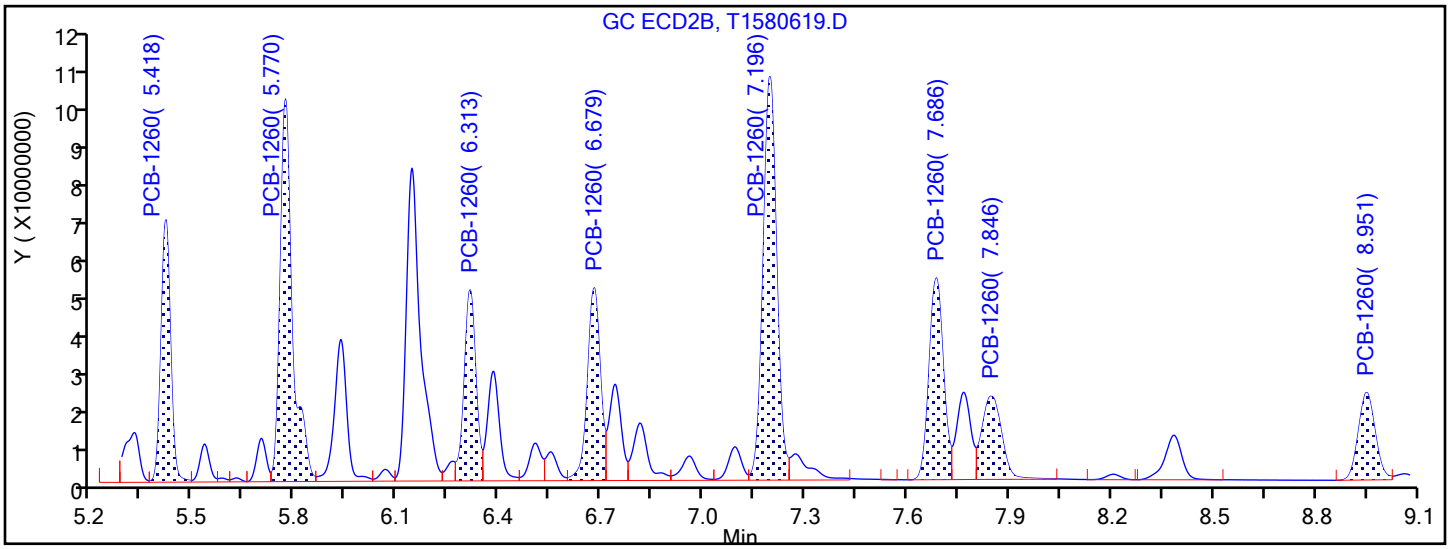
Column: Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.418	Response = 118505064
5.770	Response = 225170180
6.313	Response = 107301168
6.679	Response = 118467270
7.196	Response = 262447270
7.686	Response = 139431954
7.846	Response = 79105161
8.951	Response = 70970774



Manual Integration Results

5.418	Response = 120545917	M
5.770	Response = 225337466	M
6.313	Response = 107748500	M
6.679	Response = 119548885	M
7.196	Response = 264489560	M
7.686	Response = 139431954	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580620.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 28-Dec-2020 11:05:04 ALS Bottle#: 8 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:32:49 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 10:35:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.703	1.701	0.002	44793629	20.0	20.0	
2	1.426	1.425	0.001	48468888	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.690	2.690	0.000	26845504	12.5	11.5	
2	2.086	2.086	0.000	27236392	12.5	11.4	M
						RPD = 0.65	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.309	3.308	0.001	2054320	50.0	48.0	
1	3.820	3.820	0.000	4319163	50.0	48.9	M
1	4.394	4.394	0.000	8960928	50.0	52.3	M
1	4.562	4.562	0.000	3486352	50.0	48.5	M
1	4.690	4.689	0.001	2555723	50.0	45.9	M
1	5.152	5.152	0.000	2705718	50.0	48.7	M
1	5.304	5.305	-0.001	3146687	50.0	47.9	M
1	5.694	5.692	0.002	2553259	50.0	47.6	M
		Average of Peak Amounts =				48.5	
2	2.468	2.466	0.002	2296722	50.0	51.5	
2	2.848	2.848	0.000	4188085	50.0	48.3	M
2	3.069	3.066	0.003	2756353	50.0	46.5	
2	3.363	3.362	0.001	8575452	50.0	45.5	
2	3.512	3.512	0.000	3735909	50.0	47.4	
2	3.582	3.581	0.001	2472282	50.0	50.5	
2	3.984	3.984	0.000	4100748	50.0	49.7	
2	4.425	4.427	-0.002	2324638	50.0	48.9	
		Average of Peak Amounts =				48.5	
						RPD = 0.13	
8 PCB-1260							M
1	6.714	6.714	0.000	2687706	50.0	48.1	
1	6.978	6.976	0.002	6185692	50.0	49.1	
1	7.354	7.355	-0.001	6982744	50.0	49.6	
1	8.210	8.210	0.000	5198468	50.0	51.7	M
1	8.818	8.817	0.001	5063844	50.0	48.4	
1	9.399	9.400	-0.001	10735817	50.0	46.6	
1	9.965	9.966	-0.001	6803866	50.0	46.9	
1	10.612	10.616	-0.004	2308313	50.0	46.5	M
		Average of Peak Amounts =				48.4	
2	5.418	5.418	0.000	6094327	50.0	47.3	M
2	5.770	5.770	0.000	11421394	50.0	47.5	M
2	6.315	6.313	0.002	6908458	50.0	57.1	M
2	6.679	6.679	0.000	6368449	50.0	49.3	M
2	7.197	7.196	0.001	12714684	50.0	45.1	M
2	7.685	7.686	-0.001	6468502	50.0	43.9	
2	7.845	7.846	-0.001	3699760	50.0	43.8	
2	8.954	8.951	0.003	3268127	50.0	43.6	
		Average of Peak Amounts =				47.2	
						RPD = 2.45	
$ 11 DCB Decachlorobiphenyl							M
1	11.132	11.140	-0.008	17650983	12.5	12.1	M
2	9.834	9.835	-0.001	32526386	12.5	11.9	
						RPD = 1.24	
S 12 Polychlorinated biphenyls, Total							
1						96.8	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L1_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:32:50 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580620.D

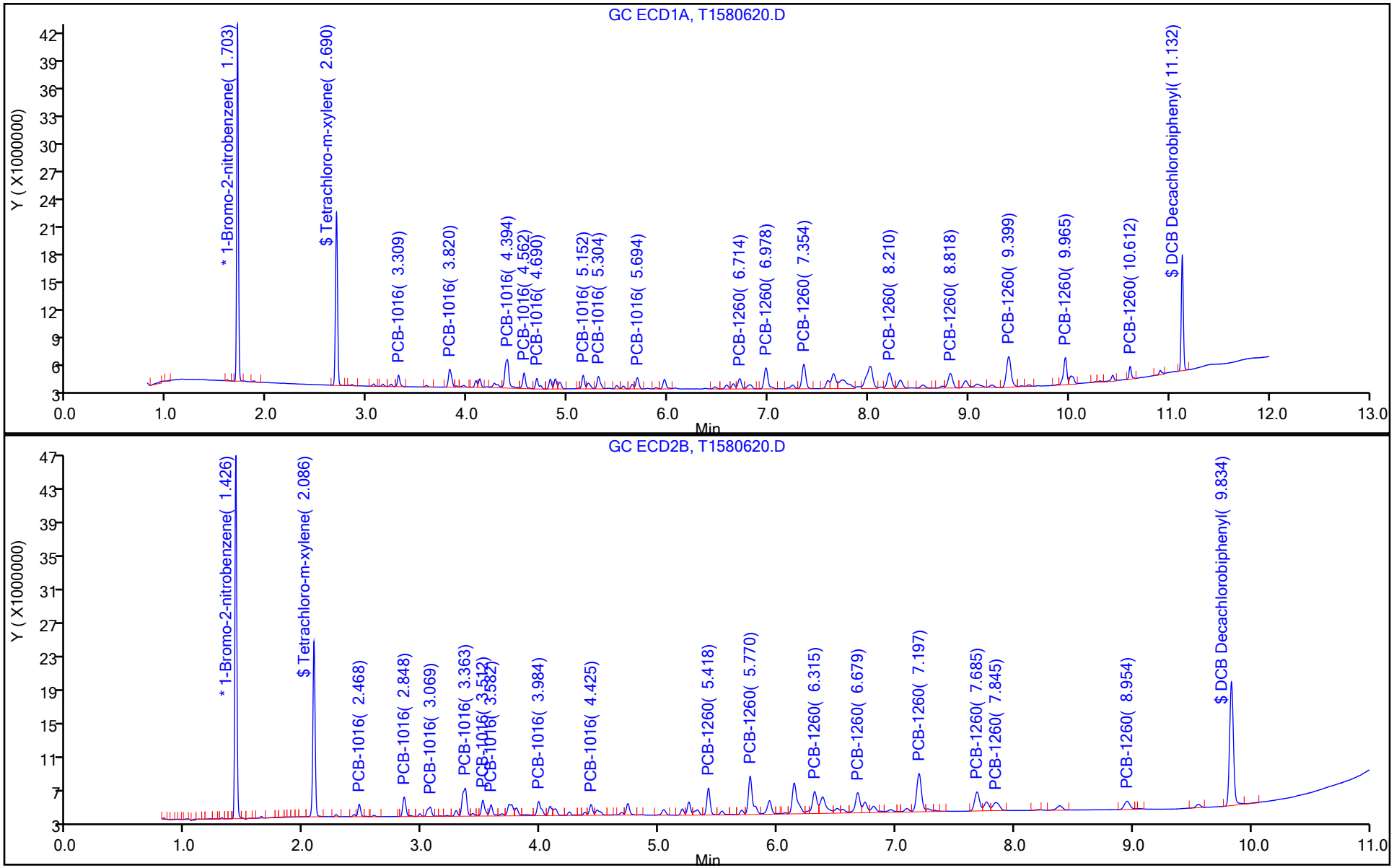
Injection Date: 28-Dec-2020 11:05:04 Instrument ID: CPESTGC11 Operator ID:

Lims ID: IC PCB 1 Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

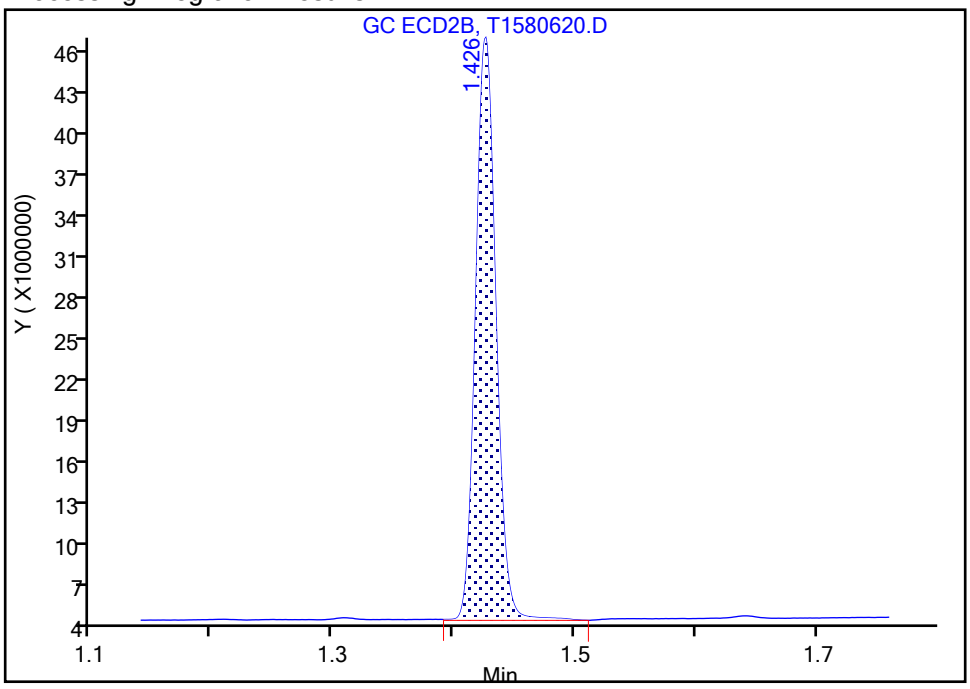
Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580620.D
Injection Date: 28-Dec-2020 11:05:04 Instrument ID: CPESTGC11
Lims ID: IC PCB 1
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

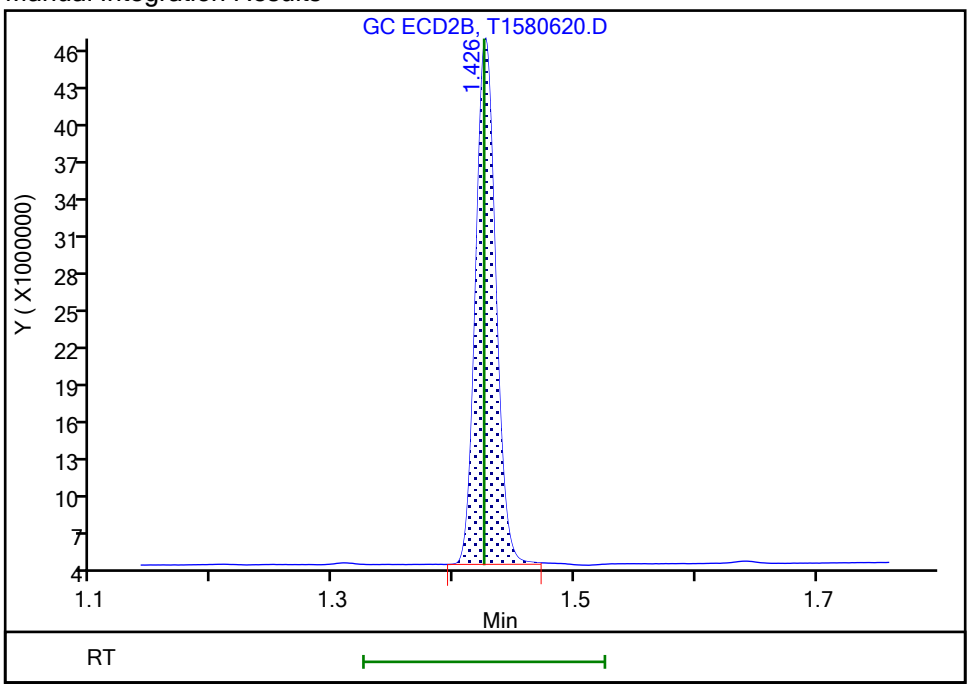
Processing Integration Results

RT: 1.43
Area: 49061395
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 48468888
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 28-Dec-2020 10:35:40
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

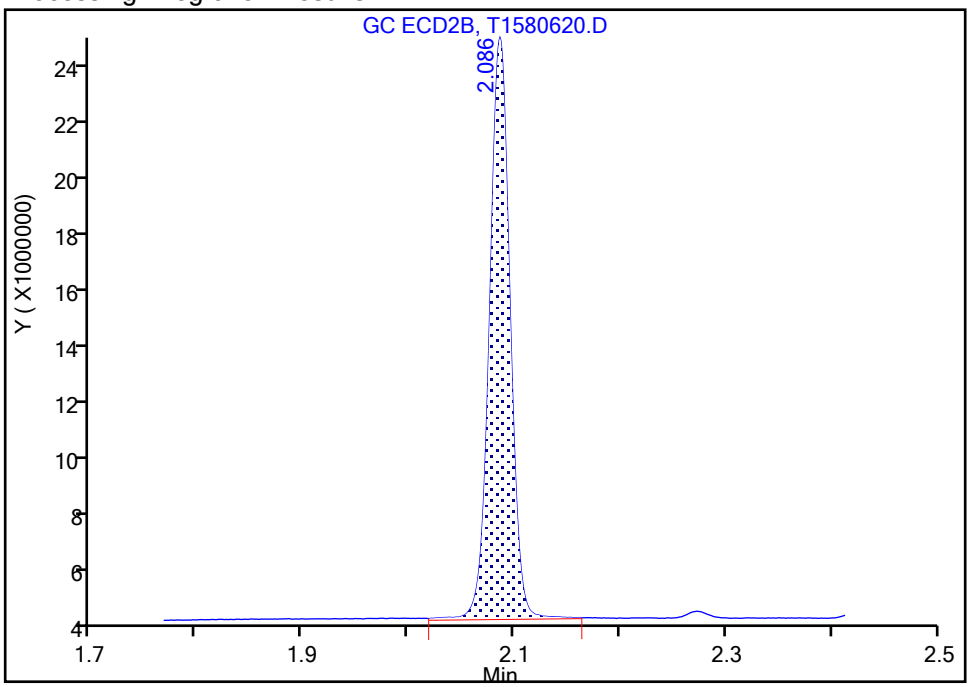
Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580620.D
Injection Date: 28-Dec-2020 11:05:04 Instrument ID: CPESTGC11
Lims ID: IC PCB 1
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD2B

$ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 2

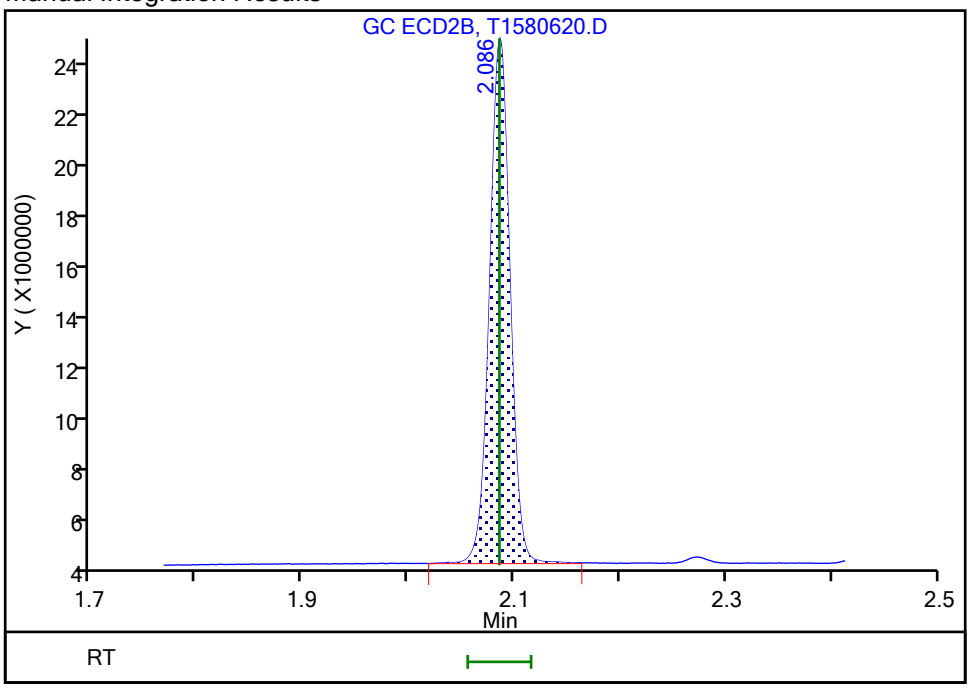
Processing Integration Results

RT: 2.09
Area: 27498758
Amount: 12.165412
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 27236392
Amount: 11.423086
Amount Units: ug/l



Reviewer: patelji, 28-Dec-2020 10:34:49
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Report Date: 28-Dec-2020 13:32:50 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580620.D

Injection Date: 28-Dec-2020 11:05:04 Instrument ID: CPESTGC11

Lims ID: IC PCB 1

Client ID:

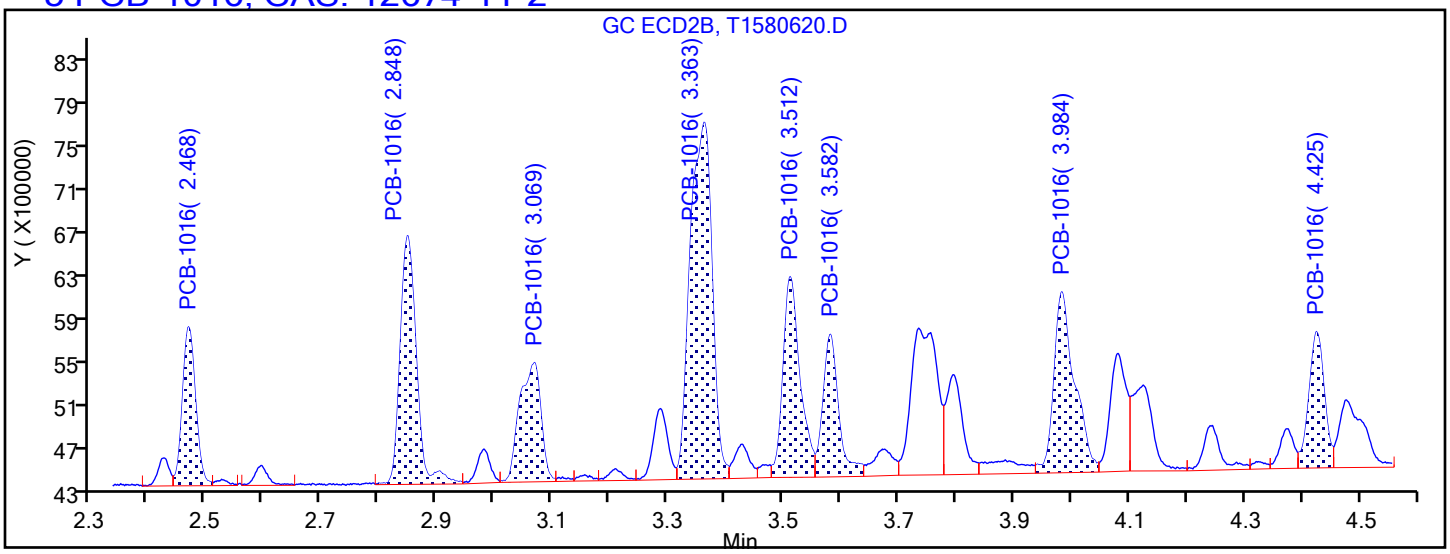
Operator ID: ALS Bottle#: 8 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

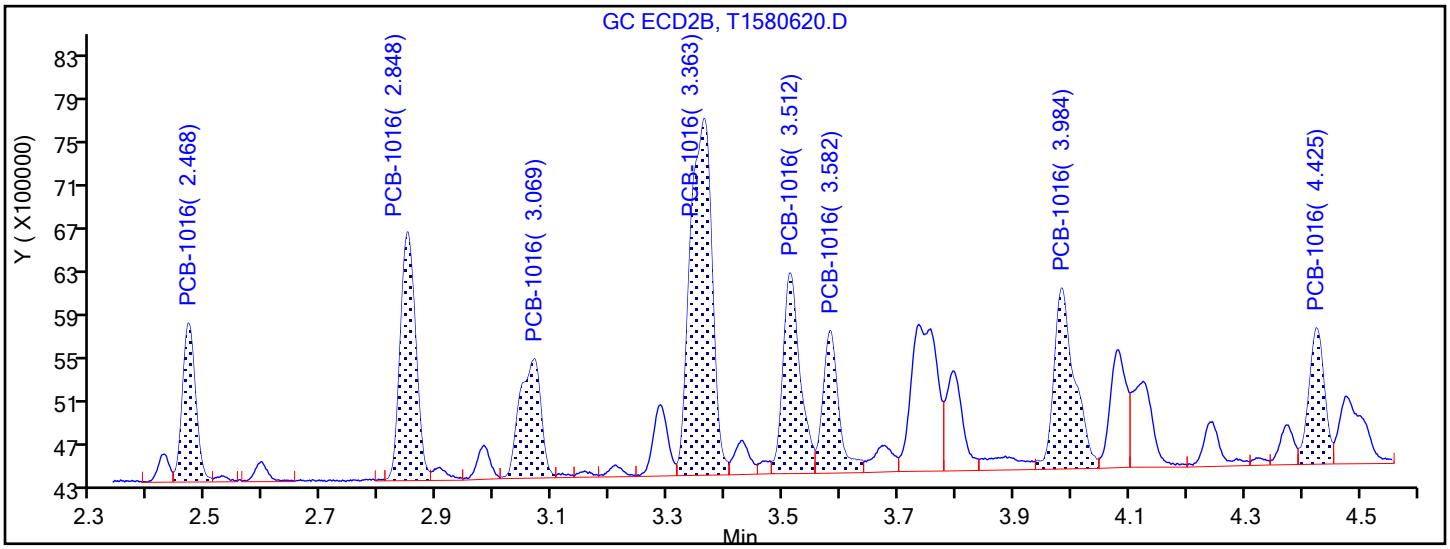
Column: Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.468	Response = 2296722
2.848	Response = 4415272
3.069	Response = 2756353
3.363	Response = 8575452
3.512	Response = 3735909
3.582	Response = 2472282
3.984	Response = 4100748
4.425	Response = 2324638



Manual Integration Results

2.468	Response = 2296722	
2.848	Response = 4188085	M
3.069	Response = 2756353	
3.363	Response = 8575452	
3.512	Response = 3735909	
3.582	Response = 2472282	

Report Date: 28-Dec-2020 13:32:50 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580620.D

Injection Date: 28-Dec-2020 11:05:04 Instrument ID: CPESTGC11

Lims ID: IC PCB 1

Client ID:

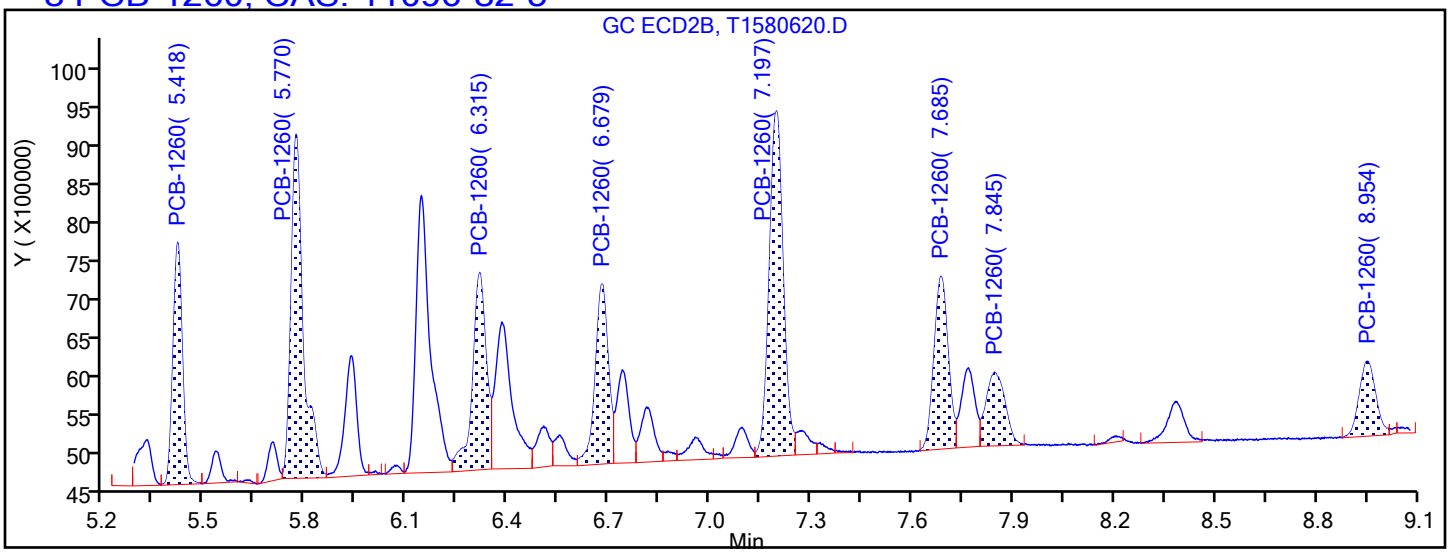
Operator ID: ALS Bottle#: 8 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

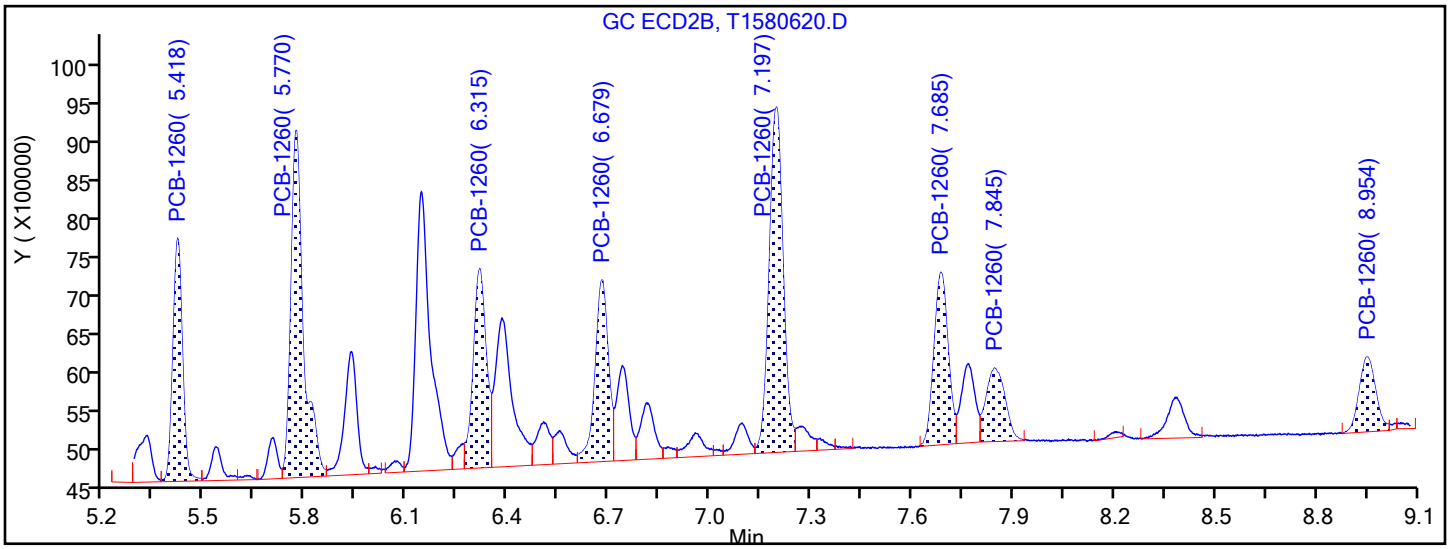
Column: Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.418	Response = 5984070
5.770	Response = 11077709
6.315	Response = 7263414
6.679	Response = 6222834
7.197	Response = 12650708
7.685	Response = 6468502
7.845	Response = 3699760
8.954	Response = 3268127



Manual Integration Results

5.418	Response = 6094327	M
5.770	Response = 11421394	M
6.315	Response = 6908458	M
6.679	Response = 6368449	M
7.197	Response = 12714684	M
7.685	Response = 6468502	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580621.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 28-Dec-2020 11:22:04 ALS Bottle#: 9 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-004
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:32:53 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 10:51:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.702	1.701	0.001	43888524	20.0	20.0	M
2	1.425	1.425	0.000	47499795	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.689	2.690	-0.001	123497564	50.0	54.0	
2	2.086	2.086	0.000	126299965	50.0	54.1	
						RPD = 0.13	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.309	3.308	0.001	22706597	500.0	541.3	
1	3.820	3.820	0.000	46839196	500.0	541.4	
1	4.394	4.394	0.000	87108093	500.0	518.7	M
1	4.562	4.562	0.000	37177414	500.0	527.9	M
1	4.689	4.689	0.000	28956378	500.0	530.7	M
1	5.153	5.152	0.001	28974880	500.0	532.5	M
1	5.305	5.305	0.000	34246039	500.0	531.8	M
1	5.694	5.692	0.002	28140567	500.0	536.0	M
		Average of Peak Amounts =				532.5	
2	2.467	2.466	0.001	23190167	500.0	530.9	M
2	2.848	2.848	0.000	45851446	500.0	539.5	M
2	3.067	3.066	0.001	31289545	500.0	538.8	M
2	3.362	3.362	0.000	98638663	500.0	533.5	M
2	3.512	3.512	0.000	40880647	500.0	528.9	M
2	3.582	3.581	0.001	24863368	500.0	518.1	M
2	3.983	3.984	-0.001	41790608	500.0	517.3	M
2	4.426	4.427	-0.001	24407002	500.0	524.3	M
		Average of Peak Amounts =				528.9	
						RPD = 0.68	
8 PCB-1260							M
1	6.714	6.714	0.000	28685058	500.0	524.3	
1	6.977	6.976	0.001	63679424	500.0	516.1	
1	7.354	7.355	-0.001	71241809	500.0	516.7	
1	8.209	8.210	-0.001	50800621	500.0	515.2	
1	8.818	8.817	0.001	53451651	500.0	521.4	
1	9.400	9.400	0.000	118253348	500.0	523.7	
1	9.965	9.966	-0.001	75140343	500.0	528.8	
1	10.614	10.616	-0.002	26158352	500.0	537.8	
		Average of Peak Amounts =				523.0	
2	5.418	5.418	0.000	66453261	500.0	525.8	M
2	5.770	5.770	0.000	123255775	500.0	522.8	M
2	6.313	6.313	0.000	59519264	500.0	502.3	M
2	6.679	6.679	0.000	65504388	500.0	517.0	M
2	7.197	7.196	0.001	144157508	500.0	521.8	M
2	7.686	7.686	0.000	76636812	500.0	530.7	
2	7.849	7.846	0.003	44147462	500.0	533.4	
2	8.953	8.951	0.002	39567542	500.0	538.7	
		Average of Peak Amounts =				524.1	
						RPD = 0.21	
$ 11 DCB Decachlorobiphenyl							
1	11.137	11.140	-0.003	77244751	50.0	54.0	
2	9.835	9.835	0.000	143600771	50.0	53.8	
						RPD = 0.38	
S 12 Polychlorinated biphenyls, Total							
1						1055.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

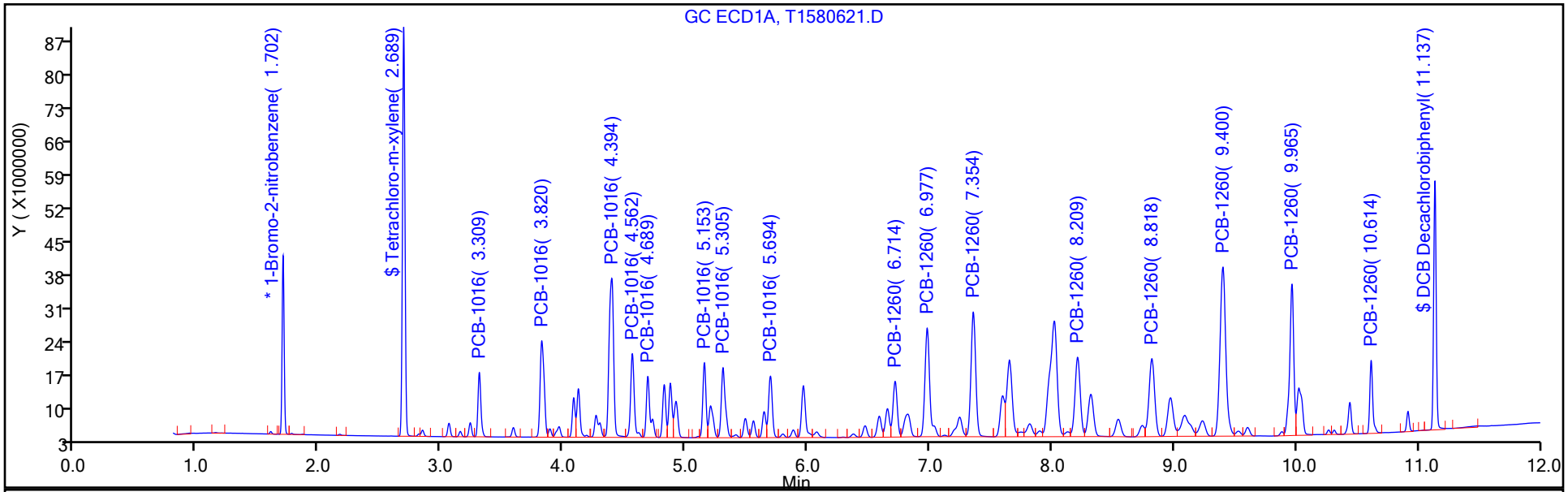
SG1660L2_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

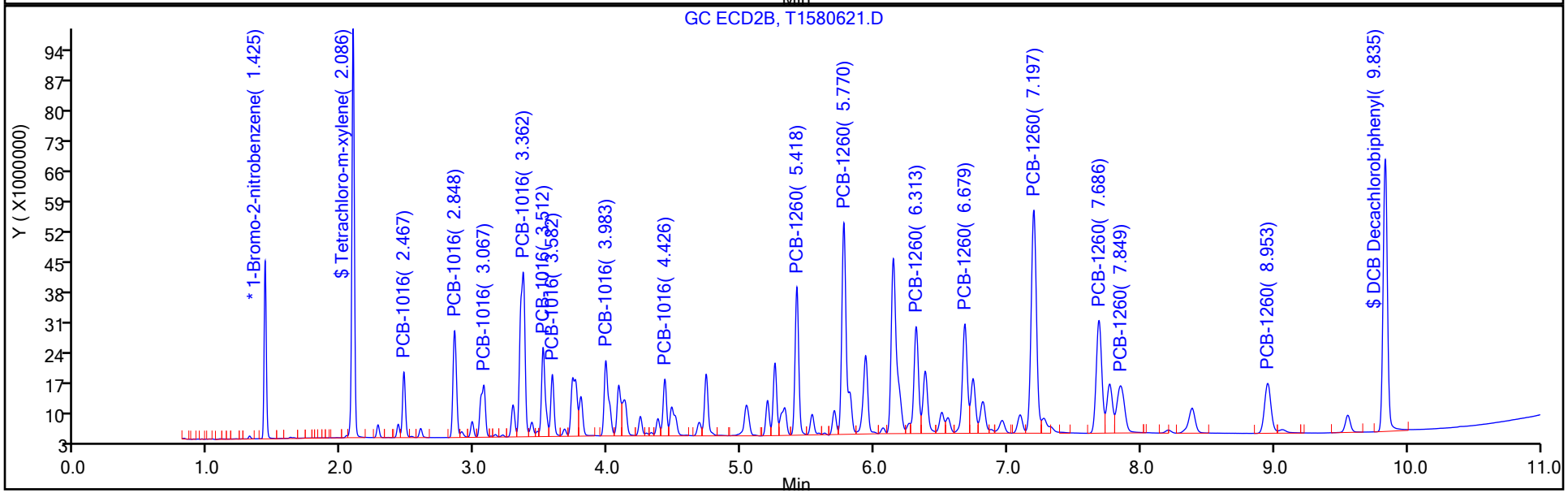
Report Date: 28-Dec-2020 13:32:54 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580621.D

Injection Date:	28-Dec-2020 11:22:04	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 2			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 28-Dec-2020 13:32:54 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580621.D

Injection Date: 28-Dec-2020 11:22:04 Instrument ID: CPESTGC11

Lims ID: IC PCB 2

Client ID:

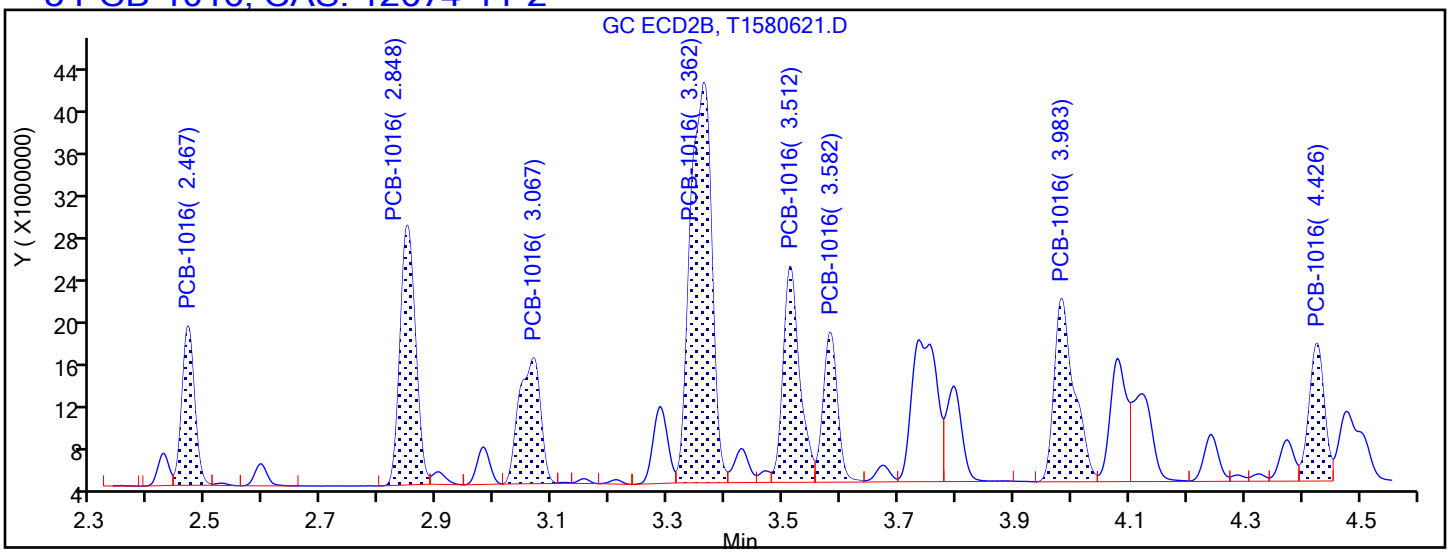
Operator ID: ALS Bottle#: 9 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

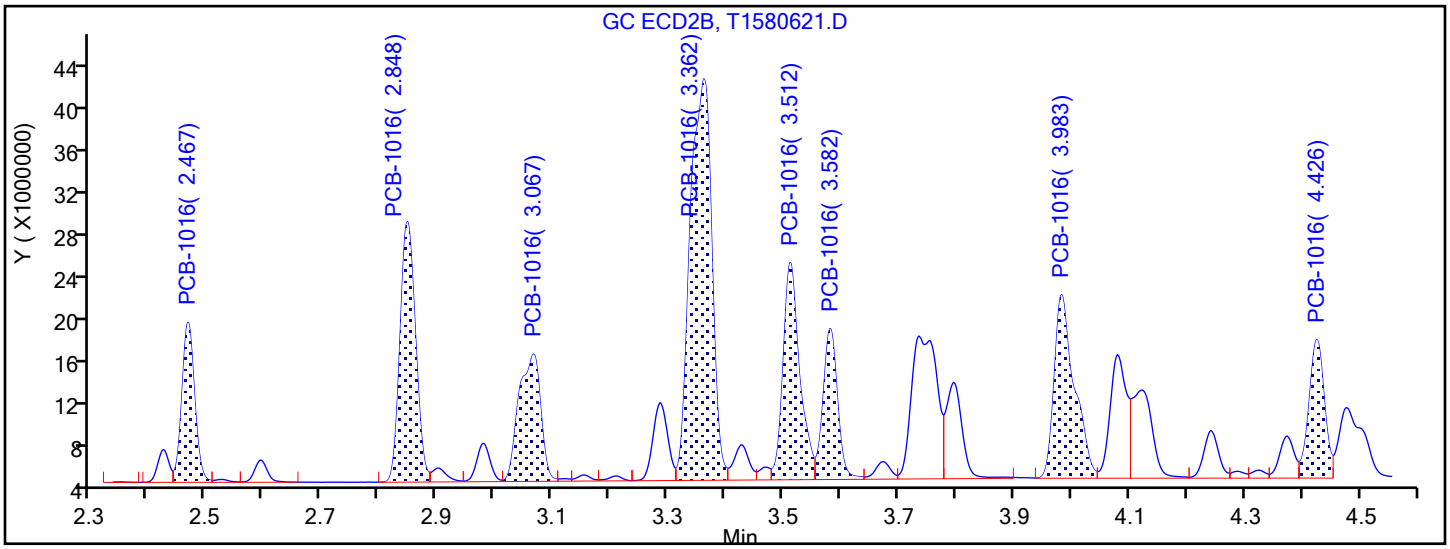
Column: Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.467	Response = 22882622
2.848	Response = 45433554
3.067	Response = 30531243
3.362	Response = 97984893
3.512	Response = 40379956
3.582	Response = 24365350
3.983	Response = 41684206
4.426	Response = 24134876



Manual Integration Results

2.467	Response = 23190167	M
2.848	Response = 45851446	M
3.067	Response = 31289545	M
3.362	Response = 98638663	M
3.512	Response = 40880647	M
3.582	Response = 24863368	M

Report Date: 28-Dec-2020 13:32:54 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580621.D

Injection Date: 28-Dec-2020 11:22:04 Instrument ID: CPESTGC11

Lims ID: IC PCB 2

Client ID:

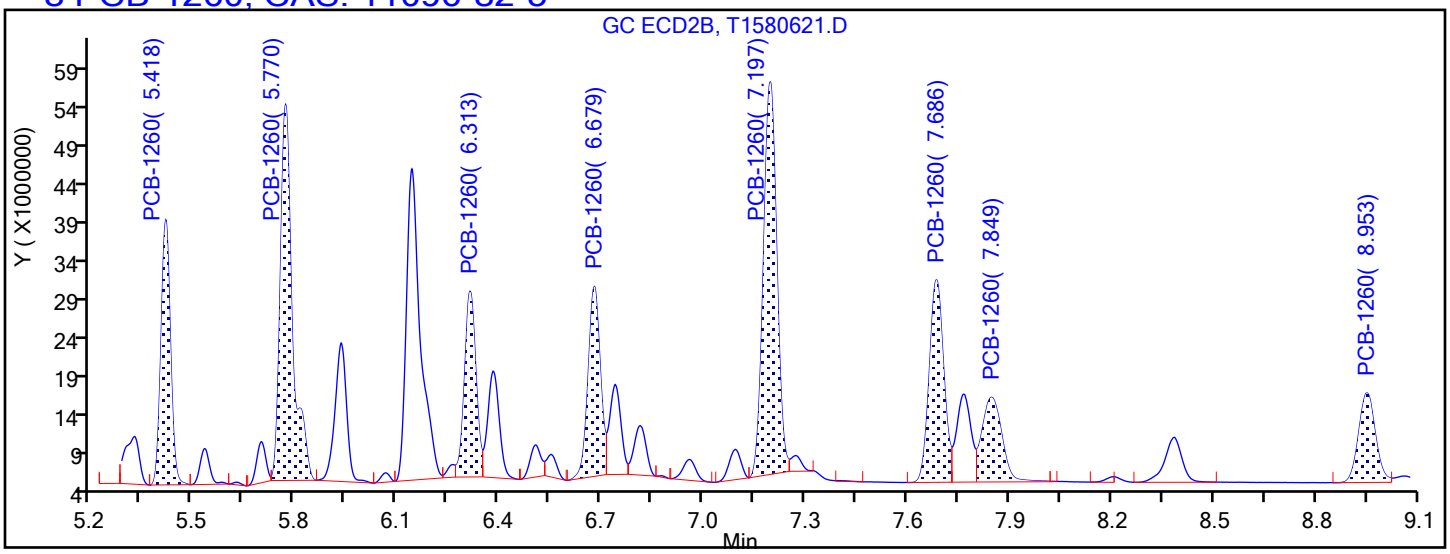
Operator ID: ALS Bottle#: 9 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

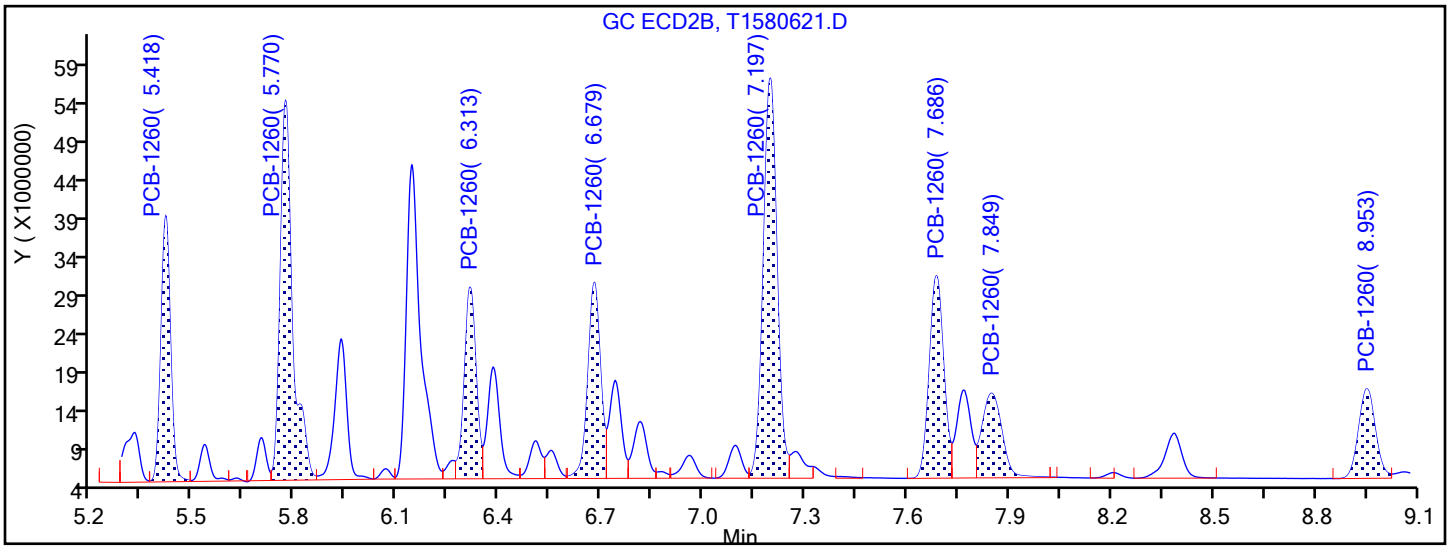
Column: Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.418	Response = 65506708
5.770	Response = 119228191
6.313	Response = 55838524
6.679	Response = 60977122
7.197	Response = 137080508
7.686	Response = 76636812
7.849	Response = 44147462
8.953	Response = 39567542



Manual Integration Results

5.418	Response = 66453261	M
5.770	Response = 123255775	M
6.313	Response = 59519264	M
6.679	Response = 65504388	M
7.197	Response = 144157508	M
7.686	Response = 76636812	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580622.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Dec-2020 11:39:10 ALS Bottle#: 10 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-005
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:32:57 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 10:57:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.702	1.701	0.001	43479568	20.0	20.0	
2	1.425	1.425	0.000	47844503	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.691	2.690	0.001	357235997	150.0	157.6	
2	2.086	2.086	0.000	372656599	150.0	158.3	
						RPD = 0.45	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.309	3.308	0.001	65282155	1500.0	1570.8	
1	3.821	3.820	0.001	133222997	1500.0	1554.3	
1	4.394	4.394	0.000	256727614	1500.0	1543.1	M
1	4.563	4.562	0.001	110607113	1500.0	1585.2	M
1	4.690	4.689	0.001	87228588	1500.0	1613.7	M
1	5.153	5.152	0.001	84686975	1500.0	1571.0	M
1	5.305	5.305	0.000	101032206	1500.0	1583.6	M
1	5.693	5.692	0.001	82049629	1500.0	1577.5	M
		Average of Peak Amounts =				1574.9	
2	2.468	2.466	0.002	68204800	1500.0	1550.3	
2	2.848	2.848	0.000	133926876	1500.0	1564.5	M
2	3.068	3.066	0.002	93095961	1500.0	1591.4	M
2	3.363	3.362	0.001	295557658	1500.0	1587.0	M
2	3.513	3.512	0.001	123255858	1500.0	1583.1	M
2	3.582	3.581	0.001	75606764	1500.0	1564.1	M
2	3.984	3.984	0.000	129251308	1500.0	1588.5	M
2	4.427	4.427	0.000	75888061	1500.0	1618.6	M
		Average of Peak Amounts =				1580.9	
						RPD = 0.38	
8 PCB-1260							M
1	6.714	6.714	0.000	86695842	1500.0	1599.4	M
1	6.976	6.976	0.000	196176674	1500.0	1604.8	M
1	7.354	7.355	-0.001	218708917	1500.0	1601.2	M
1	8.209	8.210	-0.001	156788204	1500.0	1605.0	M
1	8.818	8.817	0.001	166984074	1500.0	1644.1	M
1	9.398	9.400	-0.002	370611221	1500.0	1656.6	M
1	9.964	9.966	-0.002	229030008	1500.0	1626.9	M
1	10.608	10.616	-0.008	77158929	1500.0	1601.3	M
		Average of Peak Amounts =				1617.4	
2	5.418	5.418	0.000	204542578	1500.0	1606.9	M
2	5.770	5.770	0.000	380456796	1500.0	1602.3	M
2	6.314	6.313	0.001	181626773	1500.0	1521.8	M
2	6.679	6.679	0.000	203036152	1500.0	1590.8	M
2	7.196	7.196	0.000	453486117	1500.0	1629.7	M
2	7.686	7.686	0.000	237144290	1500.0	1630.4	
2	7.848	7.846	0.002	137610337	1500.0	1650.7	
2	8.953	8.951	0.002	120665290	1500.0	1631.0	
		Average of Peak Amounts =				1608.0	
						RPD = 0.59	
$ 11 DCB Decachlorobiphenyl							
1	11.125	11.140	-0.015	222305621	150.0	156.8	
2	9.833	9.835	-0.002	423789213	150.0	157.5	
						RPD = 0.47	
S 12 Polychlorinated biphenyls, Total							
1						3192.3	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

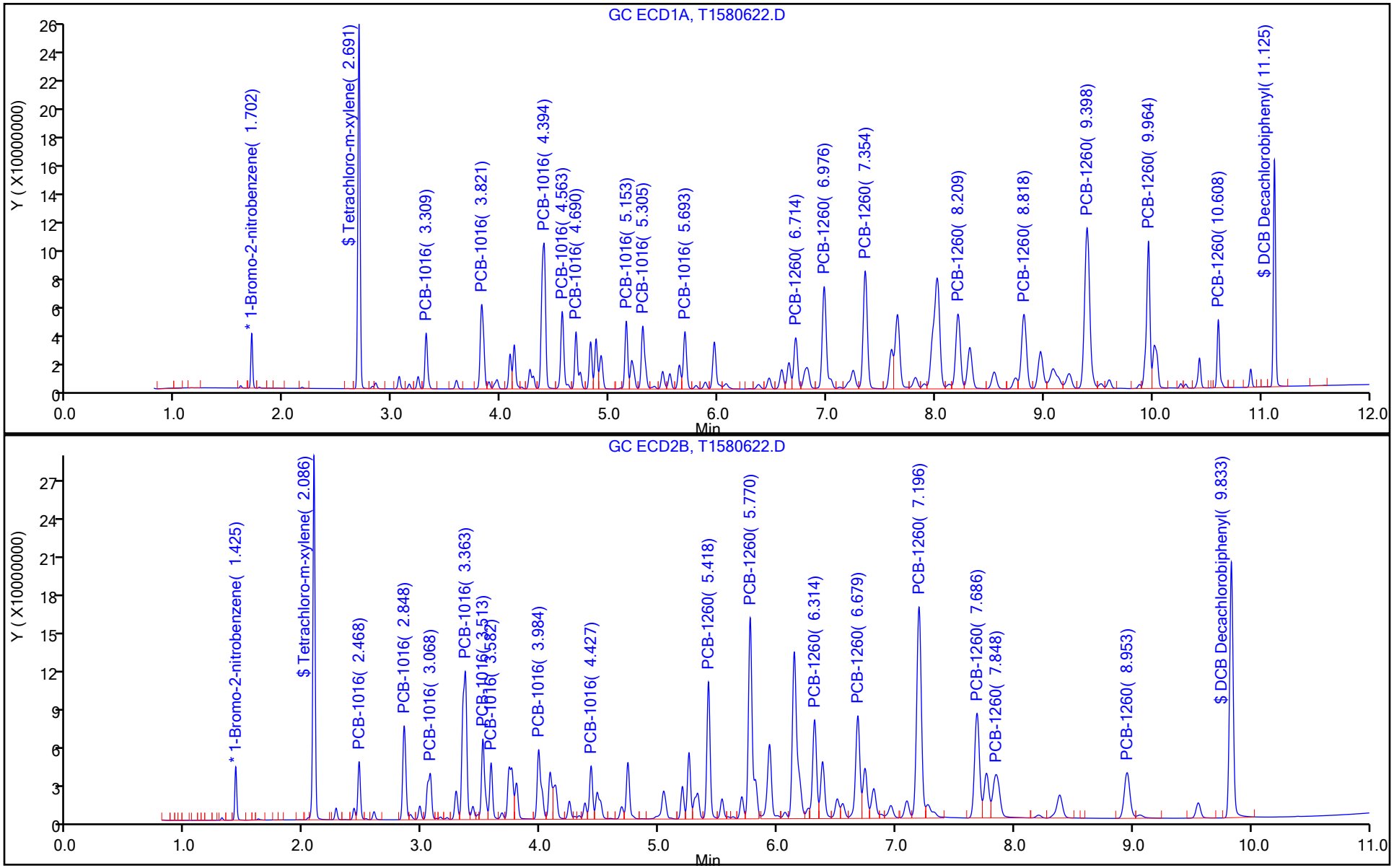
SG1660L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:32:58 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580622.D

Injection Date:	28-Dec-2020 11:39:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



Report Date: 28-Dec-2020 13:32:58 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580622.D

Injection Date: 28-Dec-2020 11:39:10 Instrument ID: CPESTGC11

Lims ID: IC PCB 4

Client ID:

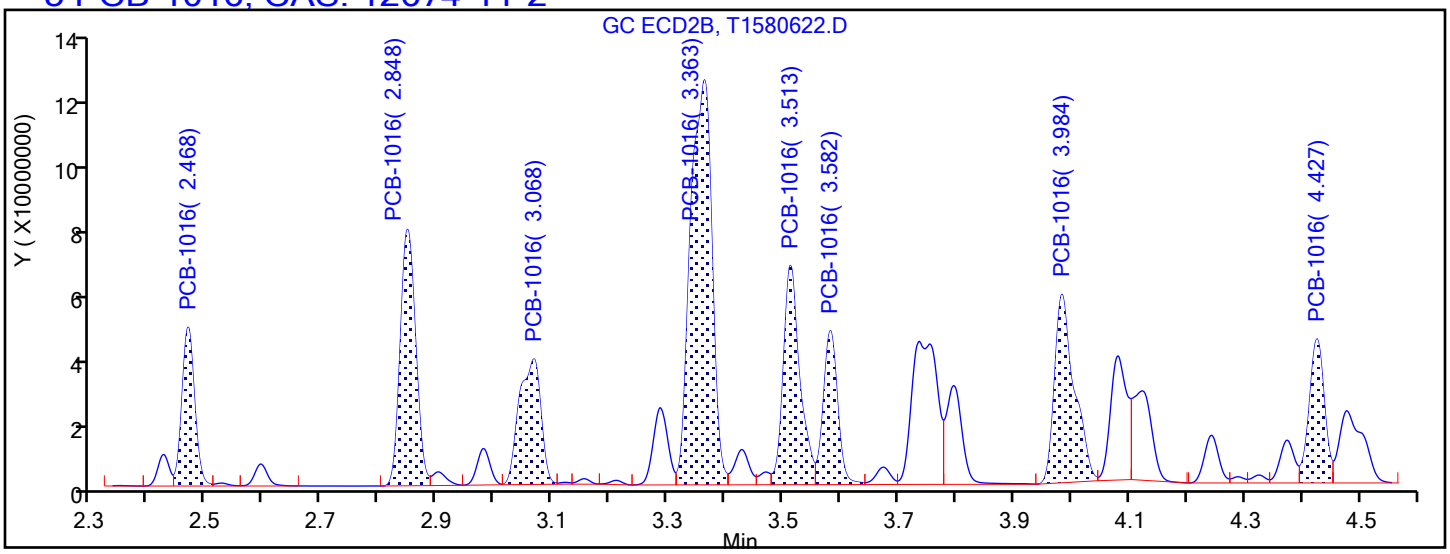
Operator ID: ALS Bottle#: 10 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

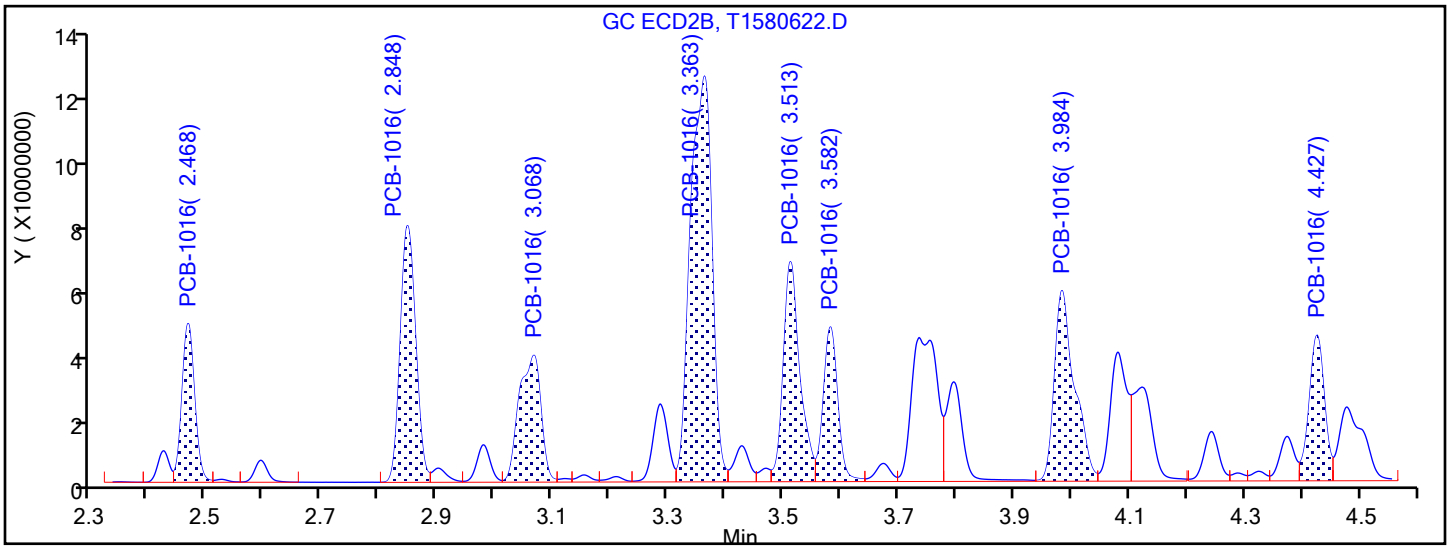
Column: Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.468	Response = 68204800
2.848	Response = 133499247
3.068	Response = 90816417
3.363	Response = 294436345
3.513	Response = 122274628
3.582	Response = 74520905
3.984	Response = 124742432
4.427	Response = 74311054



Manual Integration Results

2.468	Response = 68204800	
2.848	Response = 133926876	M
3.068	Response = 93095961	M
3.363	Response = 295557658	M
3.513	Response = 123255858	M
3.582	Response = 75606764	M

Report Date: 28-Dec-2020 13:32:58 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580622.D

Injection Date: 28-Dec-2020 11:39:10 Instrument ID: CPESTGC11

Lims ID: IC PCB 4

Client ID:

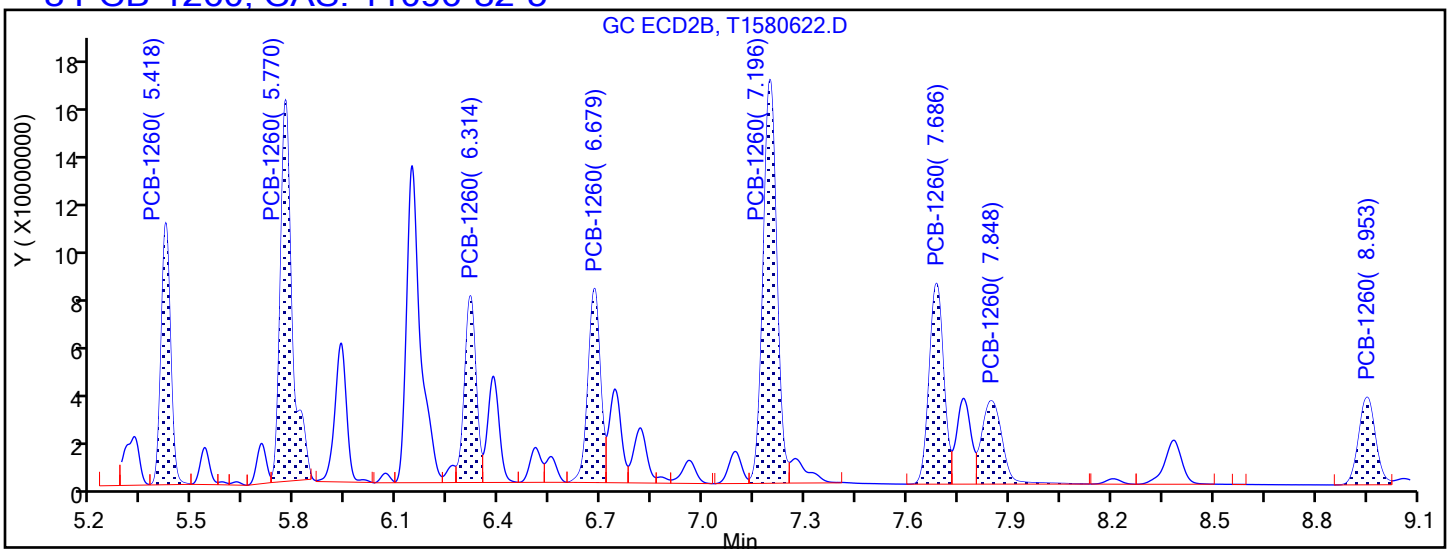
Operator ID: ALS Bottle#: 10 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

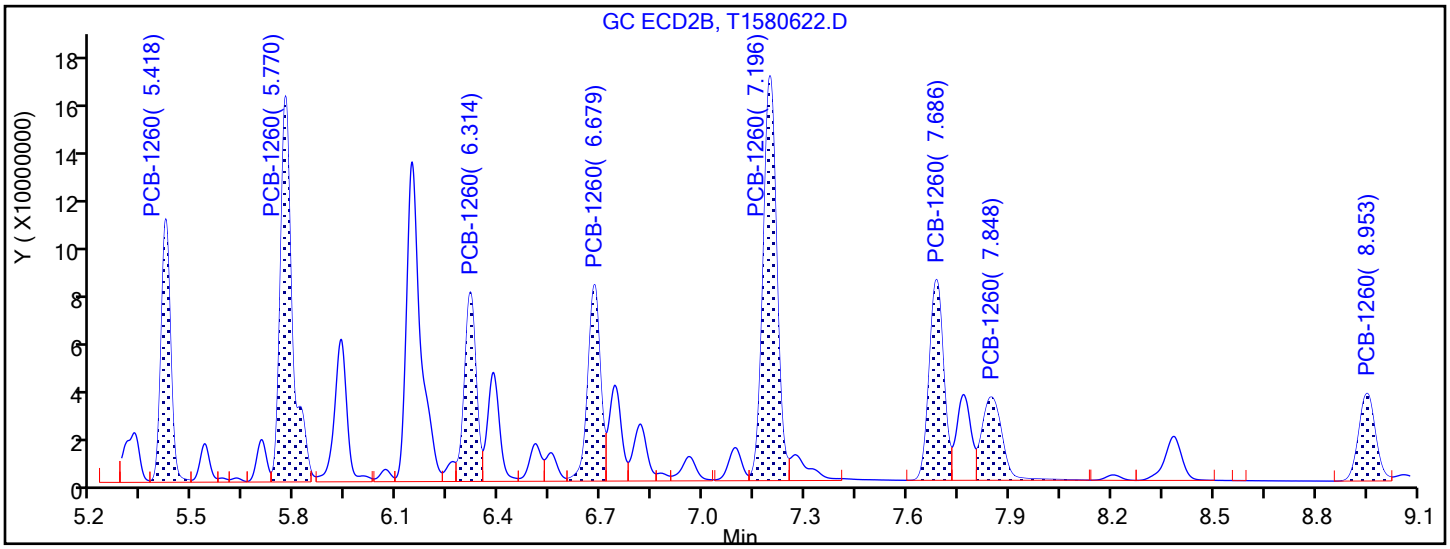
Column: Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.418	Response = 200365889
5.770	Response = 366712845
6.314	Response = 176389523
6.679	Response = 196199711
7.196	Response = 450096712
7.686	Response = 237144290
7.848	Response = 137610337
8.953	Response = 120665290



Manual Integration Results

5.418	Response = 204542578	M
5.770	Response = 380456796	M
6.314	Response = 181626773	M
6.679	Response = 203036152	M
7.196	Response = 453486117	M
7.686	Response = 237144290	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580623.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 28-Dec-2020 11:56:13 ALS Bottle#: 11 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-006
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:02 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 11:30:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.701	1.701	0.000	44104074	20.0	20.0	
2	1.425	1.425	0.000	48444634	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.690	2.690	0.000	455254329	200.0	198.0	M
2	2.086	2.086	0.000	470867906	200.0	197.6	
						RPD = 0.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.310	3.308	0.002	100559983	2500.0	2385.4	M
1	3.821	3.820	0.001	205771724	2500.0	2366.7	
1	4.393	4.394	-0.001	408604164	2500.0	2421.2	M
1	4.561	4.562	-0.001	172795849	2500.0	2441.5	M
1	4.690	4.689	0.001	136297406	2500.0	2485.8	M
1	5.152	5.152	0.000	132753906	2500.0	2427.8	M
1	5.305	5.305	0.000	158479281	2500.0	2448.9	M
1	5.693	5.692	0.001	129637643	2500.0	2457.1	M
		Average of Peak Amounts =				2429.3	
2	2.467	2.466	0.001	103372970	2500.0	2320.5	
2	2.848	2.848	0.000	207269890	2500.0	2391.3	M
2	3.067	3.066	0.001	144608591	2500.0	2441.4	M
2	3.363	3.362	0.001	476740475	2500.0	2528.2	M
2	3.513	3.512	0.001	195502492	2500.0	2479.9	M
2	3.581	3.581	0.000	120361890	2500.0	2459.1	M
2	3.984	3.984	0.000	202892053	2500.0	2462.6	M
2	4.426	4.427	-0.001	114349793	2500.0	2408.7	M
		Average of Peak Amounts =				2436.5	
						RPD = 0.29	
8 PCB-1260							M
1	6.713	6.714	-0.001	135962996	2500.0	2472.7	M
1	6.977	6.976	0.001	304935518	2500.0	2459.2	M
1	7.355	7.355	0.000	338856109	2500.0	2445.7	M
1	8.210	8.210	0.000	234866451	2500.0	2370.2	M
1	8.818	8.817	0.001	246982591	2500.0	2397.4	M
1	9.398	9.400	-0.002	553667576	2500.0	2439.9	M
1	9.964	9.966	-0.002	349178697	2500.0	2445.3	M
1	10.611	10.616	-0.005	119847323	2500.0	2452.0	M
		Average of Peak Amounts =				2435.3	
2	5.417	5.418	-0.001	317845150	2500.0	2466.1	M
2	5.771	5.770	0.001	594559781	2500.0	2472.9	M
2	6.313	6.313	0.000	282986624	2500.0	2341.8	M
2	6.678	6.679	-0.001	318318441	2500.0	2463.2	M
2	7.196	7.196	0.000	717619703	2500.0	2547.0	M
2	7.686	7.686	0.000	374387076	2500.0	2542.0	
2	7.846	7.846	0.000	212967777	2500.0	2523.0	
2	8.952	8.951	0.001	188285912	2500.0	2513.5	
		Average of Peak Amounts =				2483.7	
						RPD = 1.97	
$ 11 DCB Decachlorobiphenyl							
1	11.130	11.140	-0.010	280603855	200.0	195.1	
2	9.835	9.835	0.000	533726522	200.0	195.9	
						RPD = 0.43	
S 12 Polychlorinated biphenyls, Total							
1						4864.6	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L5_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:33:02 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580623.D

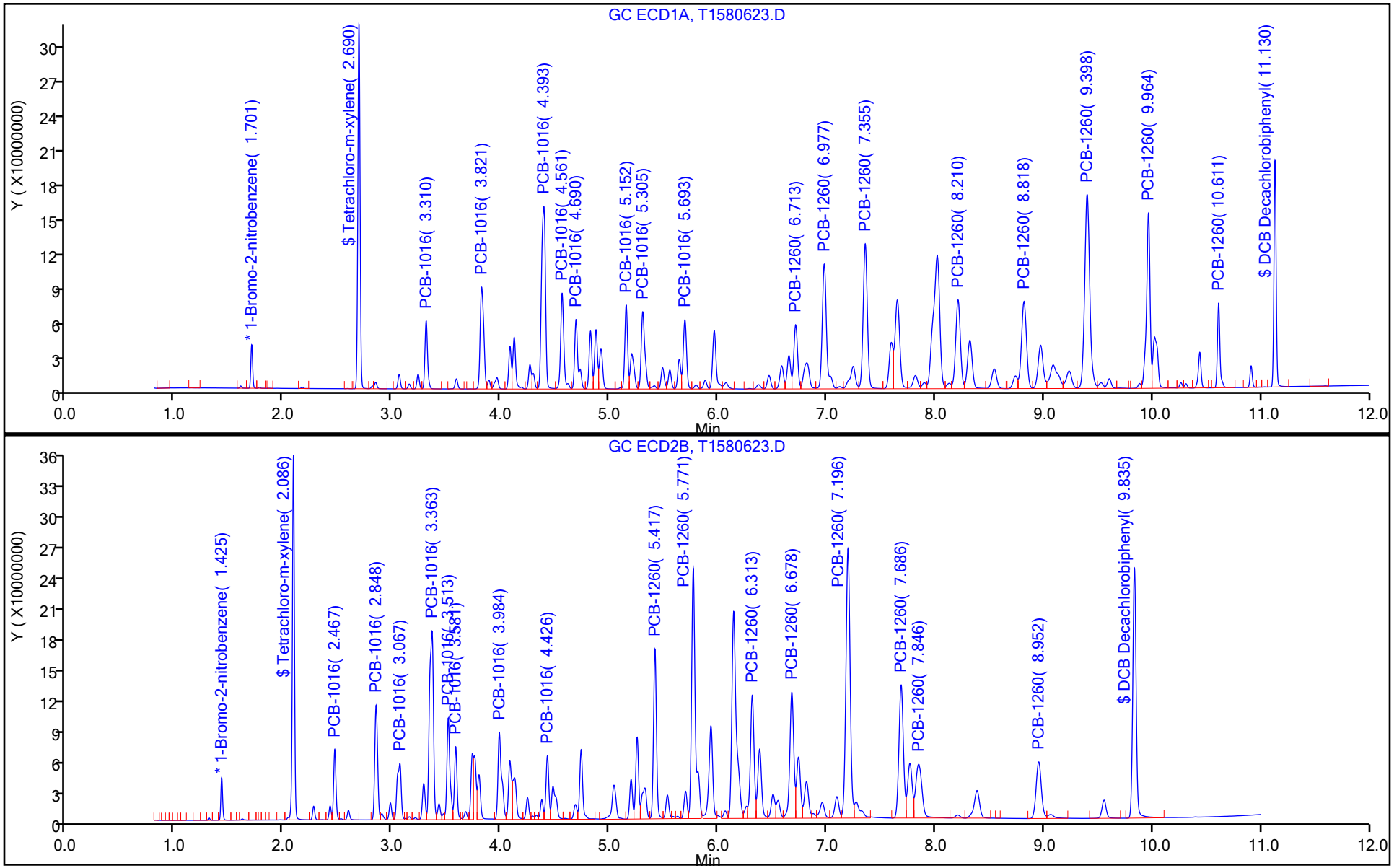
Injection Date: 28-Dec-2020 11:56:13 Instrument ID: CPESTGC11 Operator ID:

Lims ID: IC PCB 5 Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



Report Date: 28-Dec-2020 13:33:02 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580623.D

Injection Date: 28-Dec-2020 11:56:13 Instrument ID: CPESTGC11

Lims ID: IC PCB 5

Client ID:

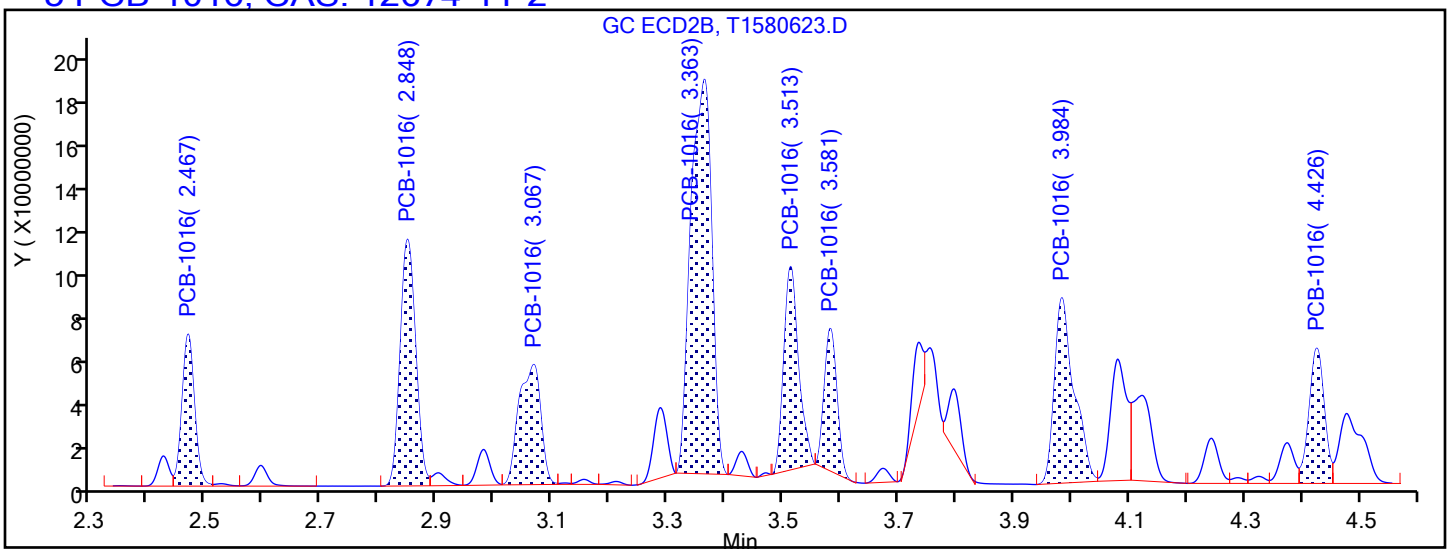
Operator ID: ALS Bottle#: 11 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

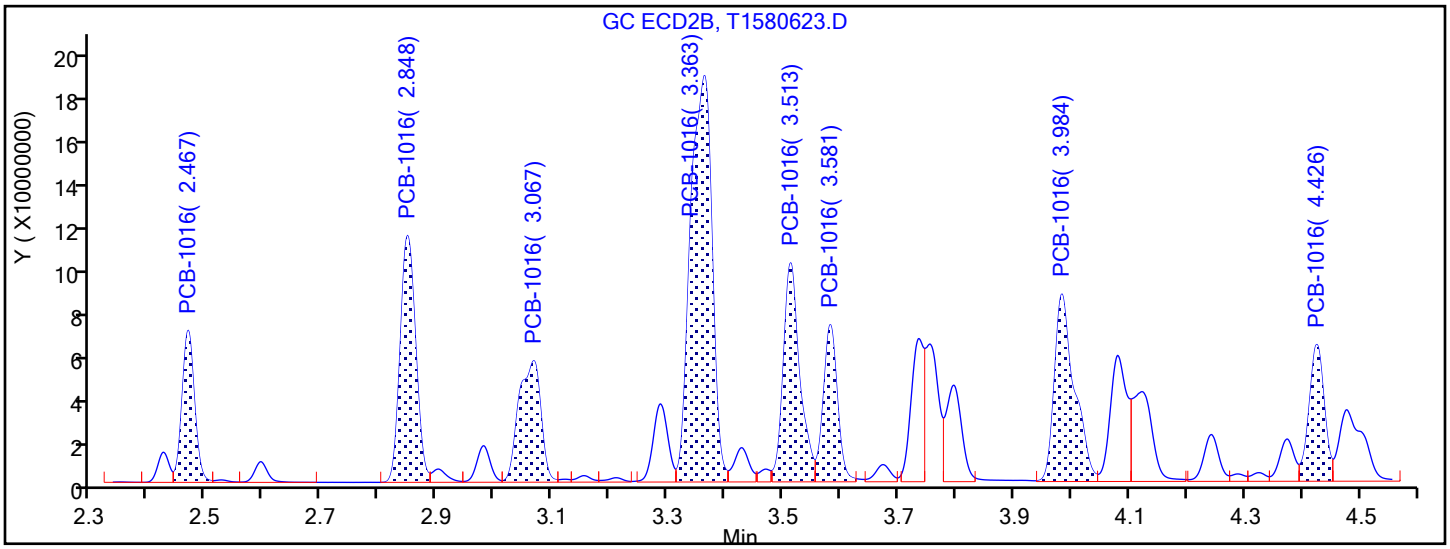
Column: Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.467	Response = 103372970
2.848	Response = 206967848
3.067	Response = 141221113
3.363	Response = 447538112
3.513	Response = 162007723
3.581	Response = 97216726
3.984	Response = 196042740
4.426	Response = 111888129



Manual Integration Results

2.467	Response = 103372970	
2.848	Response = 207269890	M
3.067	Response = 144608591	M
3.363	Response = 476740475	M
3.513	Response = 195502492	M
3.581	Response = 120361890	M

Report Date: 28-Dec-2020 13:33:03 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580623.D

Injection Date: 28-Dec-2020 11:56:13 Instrument ID: CPESTGC11

Lims ID: IC PCB 5

Client ID:

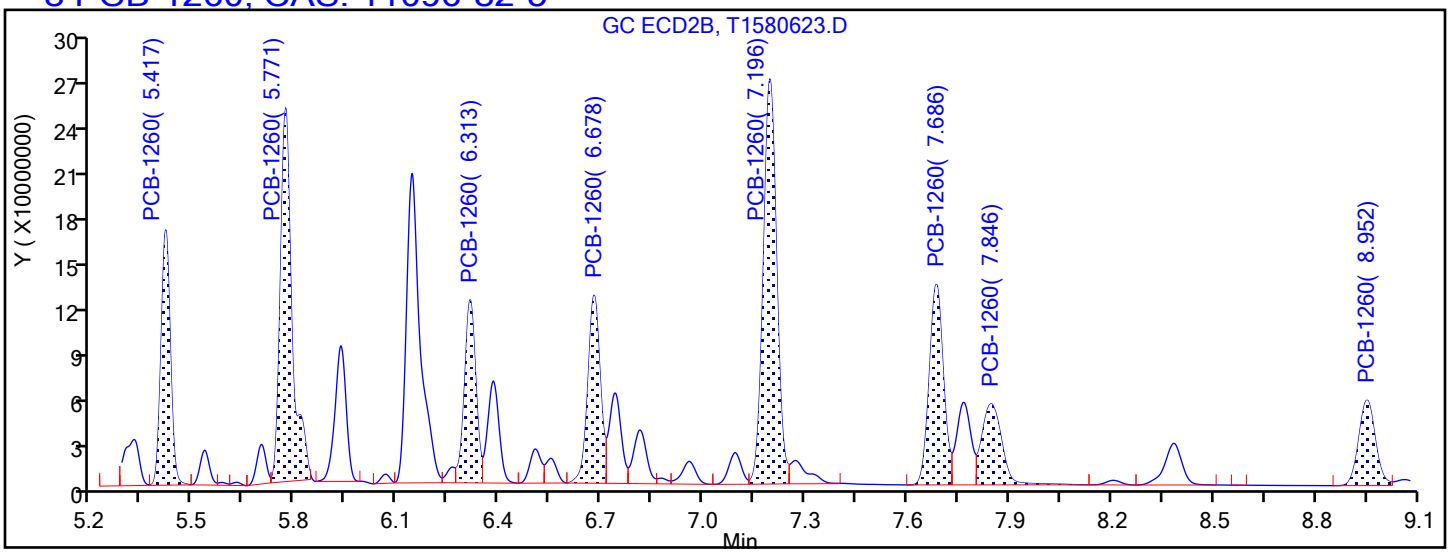
Operator ID: ALS Bottle#: 11 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

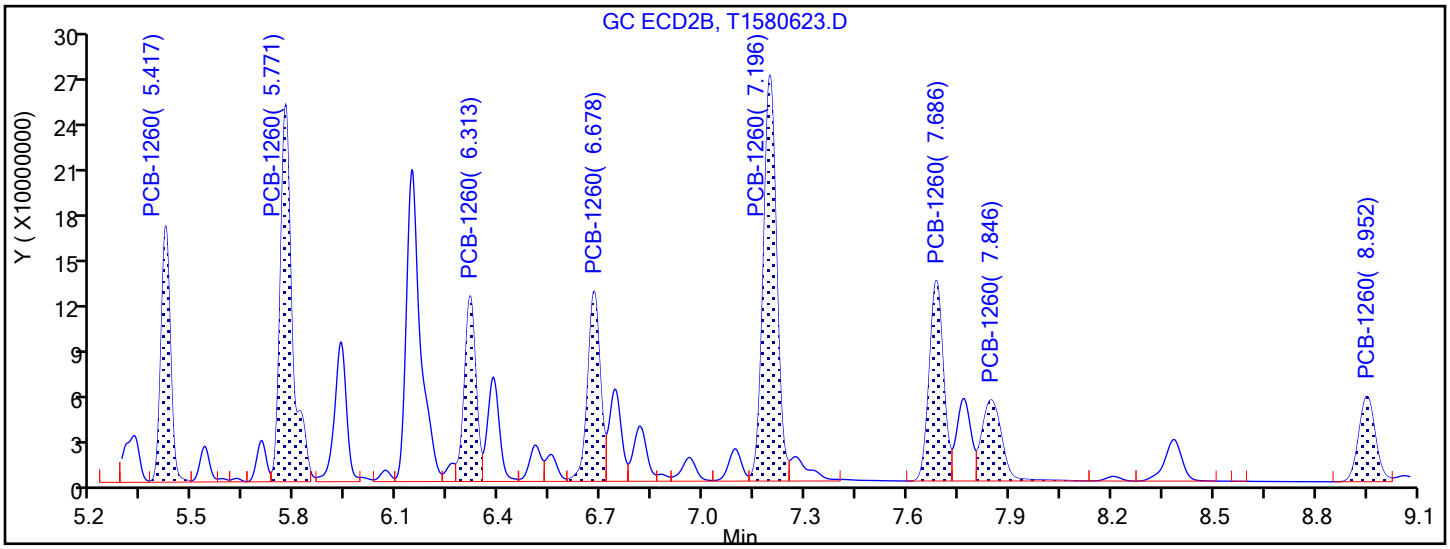
Column: Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.417	Response = 313459497
5.771	Response = 574141352
6.313	Response = 275171143
6.678	Response = 309001201
7.196	Response = 713275426
7.686	Response = 374387076
7.846	Response = 212967777
8.952	Response = 188285912



Manual Integration Results

5.417	Response = 317845150	M
5.771	Response = 594559781	M
6.313	Response = 282986624	M
6.678	Response = 318318441	M
7.196	Response = 717619703	M
7.686	Response = 374387076	

Calibration / Tetrachloro-m-xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

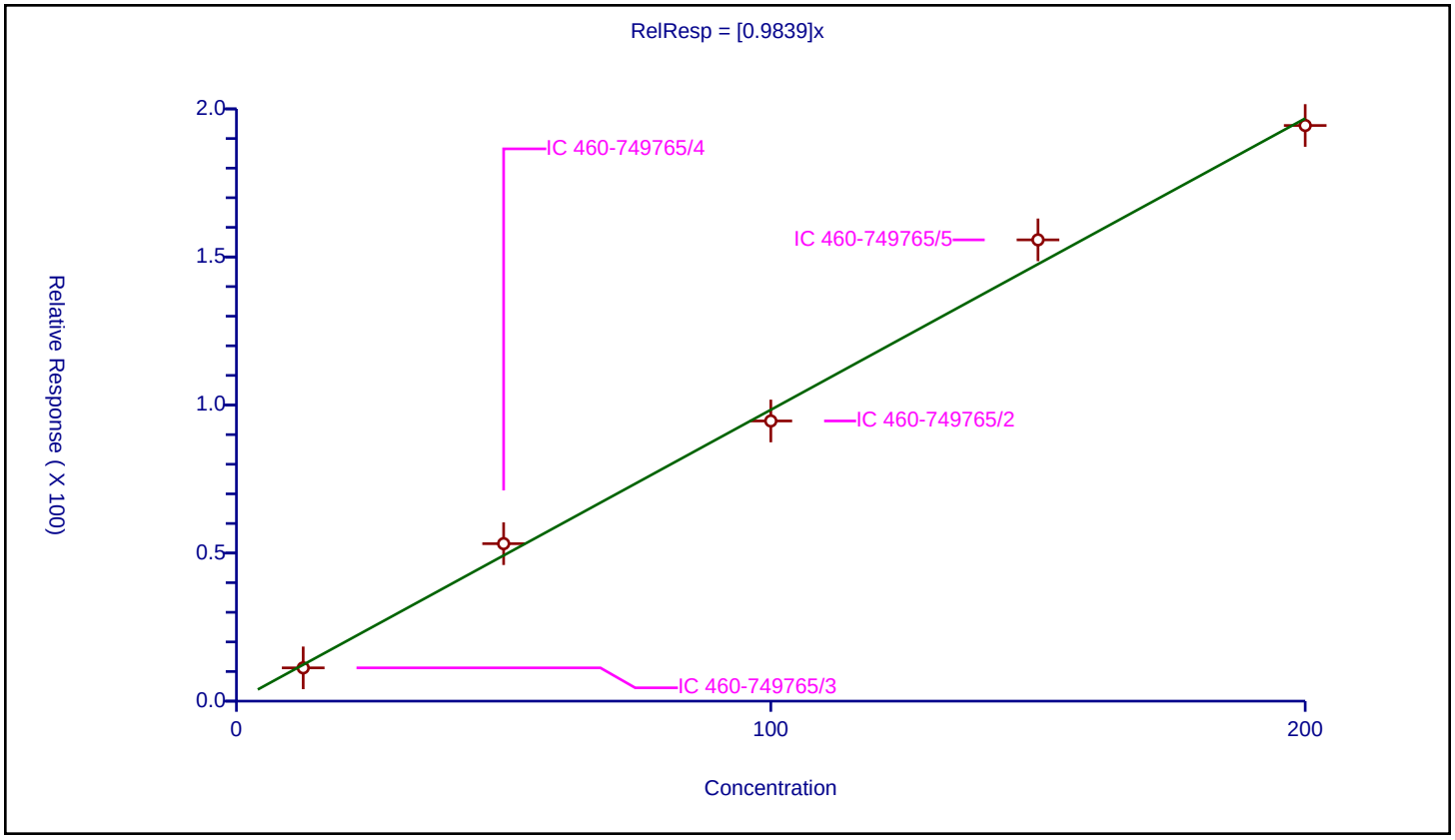
Curve Coefficients

Intercept:	0
Slope:	0.9839

Error Coefficients

Standard Error:	327000000
Relative Standard Error:	6.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	12.5	11.238711	20.0	48468888.0	0.899097	Y
2	IC 460-749765/4	50.0	53.179162	20.0	47499795.0	1.063583	Y
3	IC 460-749765/2	100.0	94.612447	20.0	47926496.0	0.946124	Y
4	IC 460-749765/5	150.0	155.77823	20.0	47844503.0	1.038522	Y
5	IC 460-749765/6	200.0	194.394246	20.0	48444634.0	0.971971	Y



Calibration / PCB-1016 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

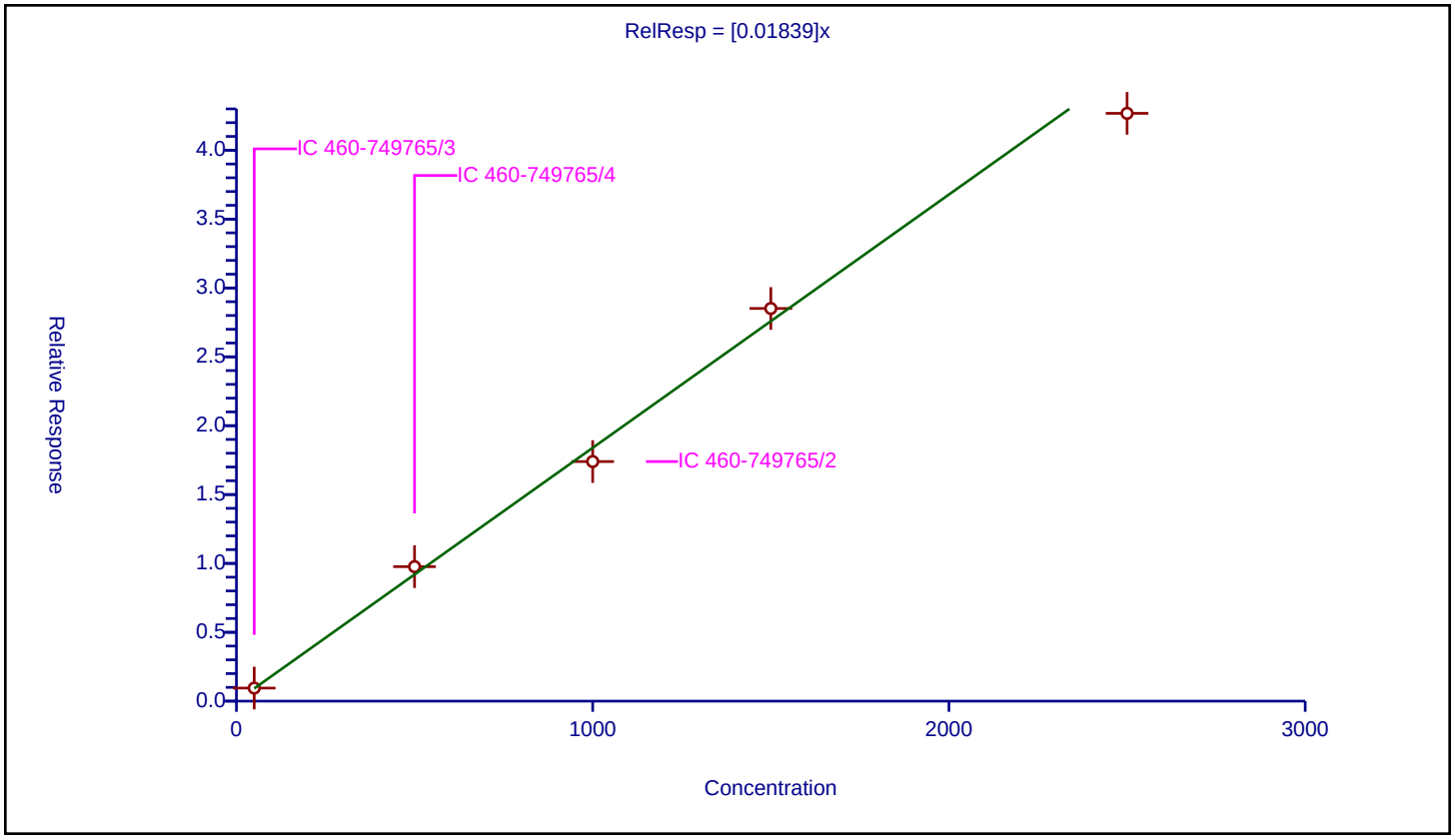
Curve Coefficients

Intercept:	0
Slope:	0.01839

Error Coefficients

Standard Error:	66400000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	0.94771	20.0	48468888.0	0.018954	Y
2	IC 460-749765/4	500.0	9.764323	20.0	47499795.0	0.019529	Y
3	IC 460-749765/2	1000.0	17.395174	20.0	47926496.0	0.017395	Y
4	IC 460-749765/5	1500.0	28.511029	20.0	47844503.0	0.019007	Y
5	IC 460-749765/6	2500.0	42.676747	20.0	48444634.0	0.017071	Y



Calibration / PCB-1016 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

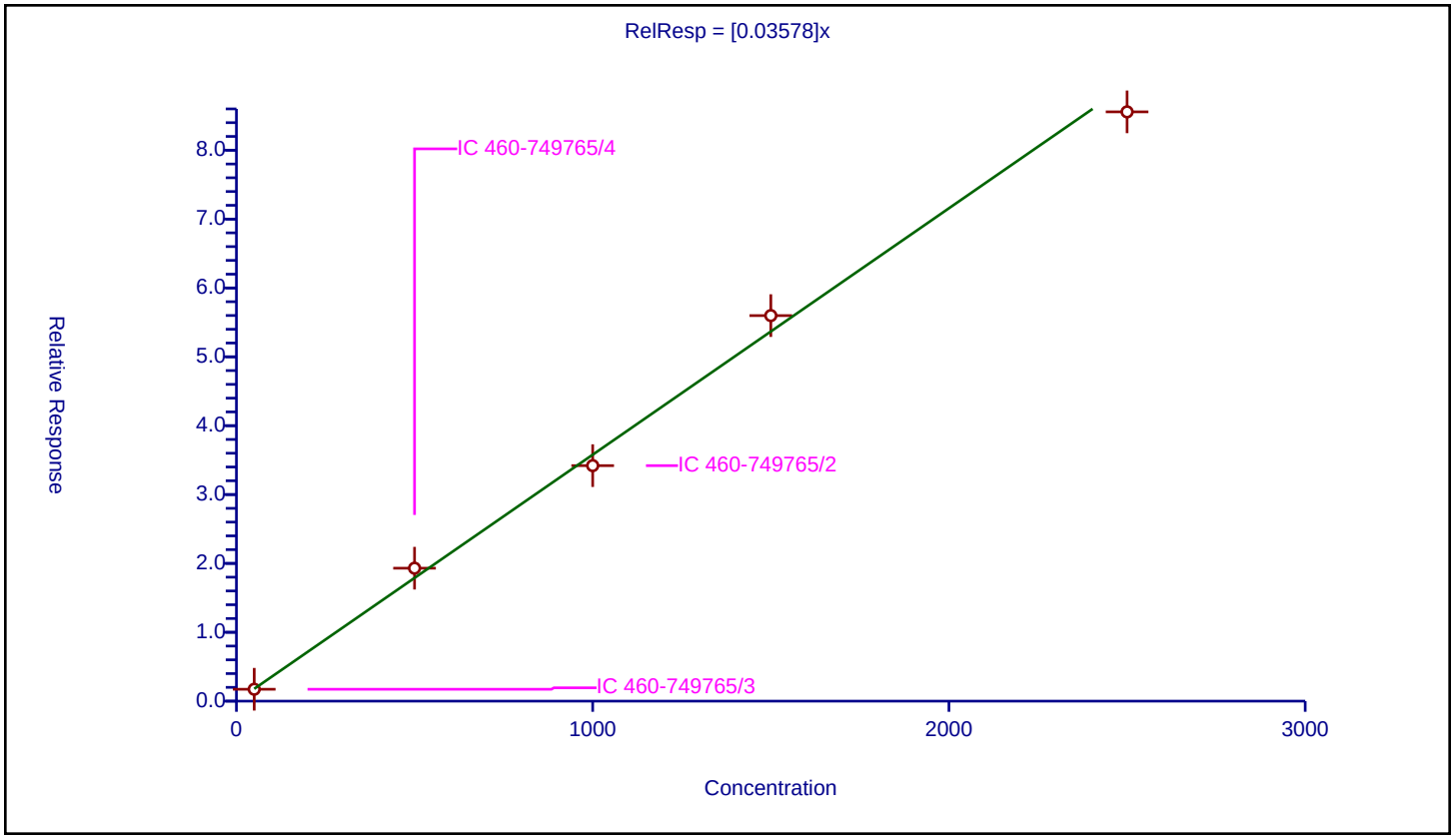
Curve Coefficients

Intercept:	0
Slope:	0.03578

Error Coefficients

Standard Error:	132000000
Relative Standard Error:	5.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.728154	20.0	48468888.0	0.034563	Y
2	IC 460-749765/4	500.0	19.305955	20.0	47499795.0	0.038612	Y
3	IC 460-749765/2	1000.0	34.196605	20.0	47926496.0	0.034197	Y
4	IC 460-749765/5	1500.0	55.984227	20.0	47844503.0	0.037323	Y
5	IC 460-749765/6	2500.0	85.569803	20.0	48444634.0	0.034228	Y



Calibration / PCB-1016 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

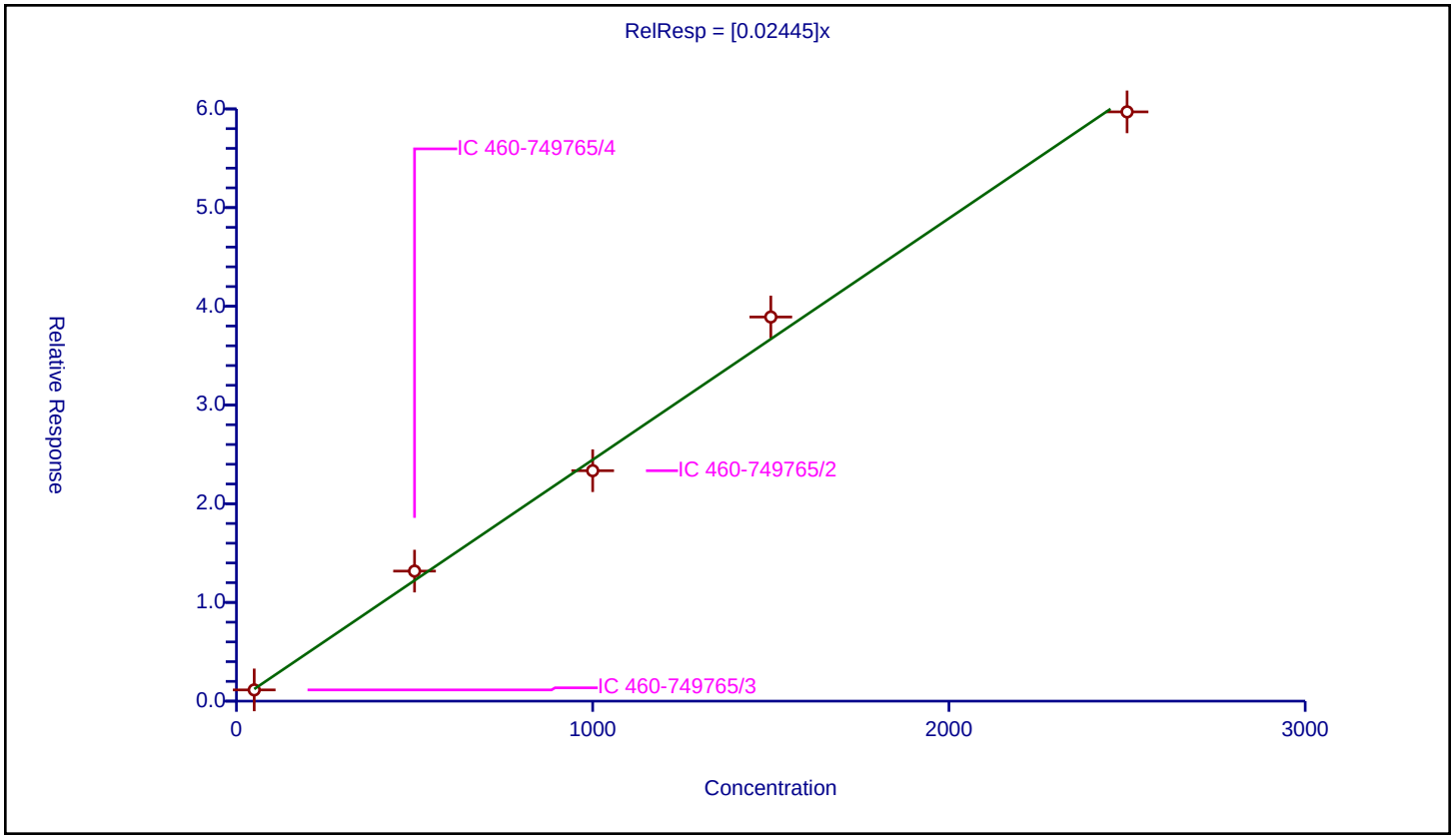
Curve Coefficients

Intercept:	0
Slope:	0.02445

Error Coefficients

Standard Error:	91800000
Relative Standard Error:	6.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.13737	20.0	48468888.0	0.022747	Y
2	IC 460-749765/4	500.0	13.174602	20.0	47499795.0	0.026349	Y
3	IC 460-749765/2	1000.0	23.347783	20.0	47926496.0	0.023348	Y
4	IC 460-749765/5	1500.0	38.916053	20.0	47844503.0	0.025944	Y
5	IC 460-749765/6	2500.0	59.700561	20.0	48444634.0	0.02388	Y



Calibration / PCB-1016 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

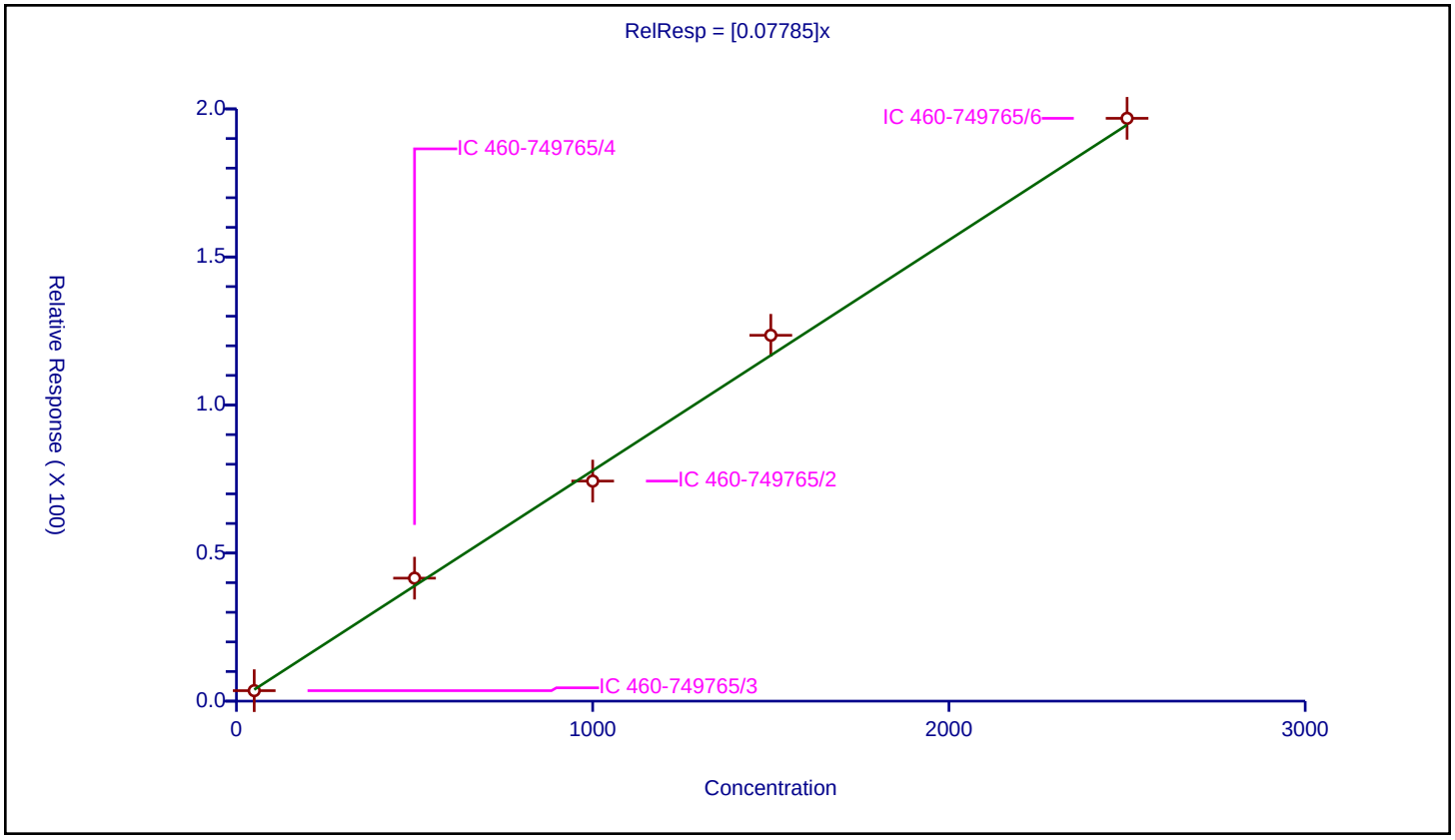
Curve Coefficients

Intercept:	0
Slope:	0.07785

Error Coefficients

Standard Error:	298000000
Relative Standard Error:	6.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	3.538539	20.0	48468888.0	0.070771	Y
2	IC 460-749765/4	500.0	41.532248	20.0	47499795.0	0.083064	Y
3	IC 460-749765/2	1000.0	74.315793	20.0	47926496.0	0.074316	Y
4	IC 460-749765/5	1500.0	123.549265	20.0	47844503.0	0.082366	Y
5	IC 460-749765/6	2500.0	196.818692	20.0	48444634.0	0.078727	Y



Calibration / PCB-1016 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

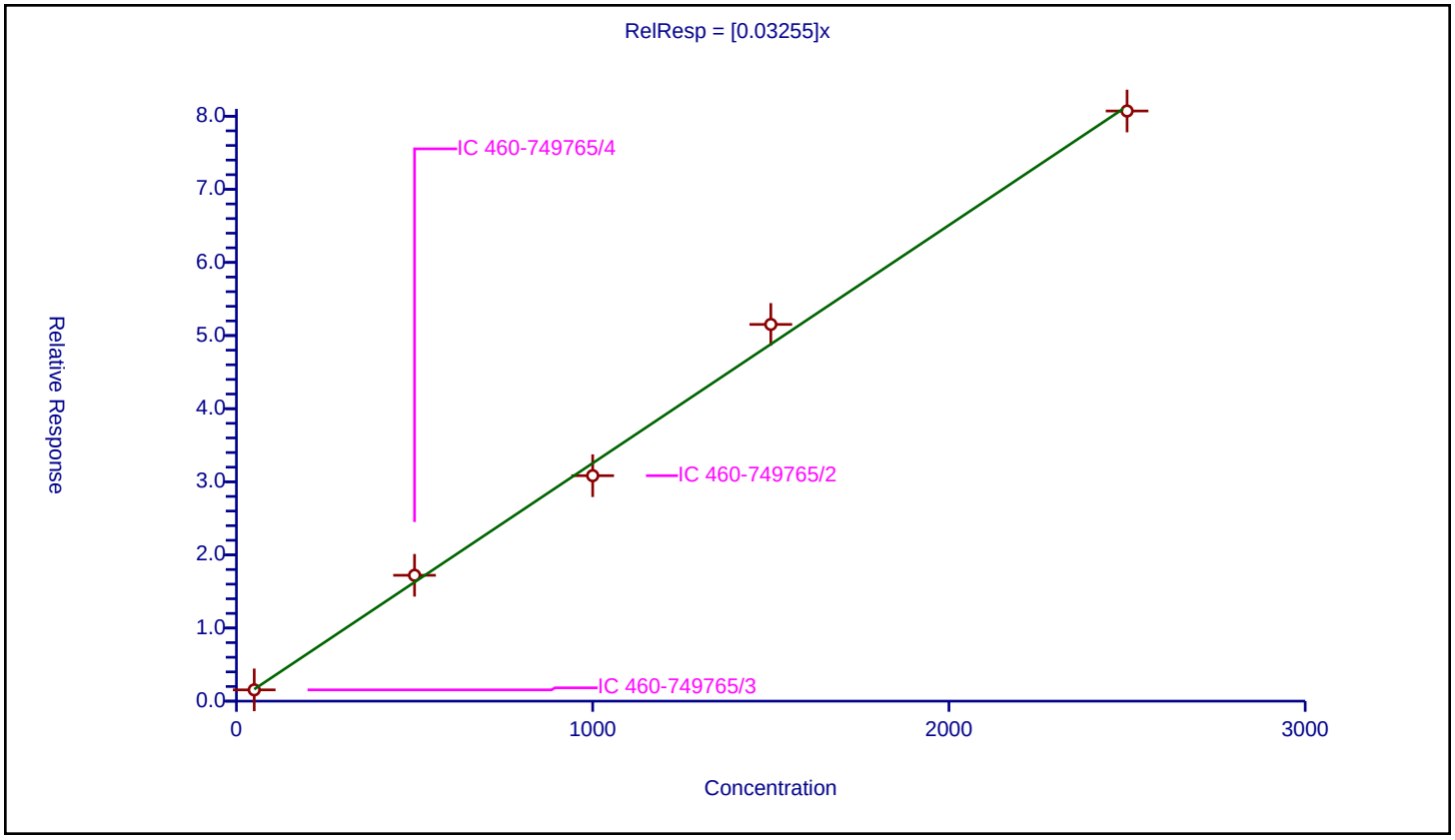
Curve Coefficients

Intercept:	0
Slope:	0.03255

Error Coefficients

Standard Error:	123000000
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.54157	20.0	48468888.0	0.030831	Y
2	IC 460-749765/4	500.0	17.212978	20.0	47499795.0	0.034426	Y
3	IC 460-749765/2	1000.0	30.838486	20.0	47926496.0	0.030838	Y
4	IC 460-749765/5	1500.0	51.523519	20.0	47844503.0	0.034349	Y
5	IC 460-749765/6	2500.0	80.711722	20.0	48444634.0	0.032285	Y



Calibration / PCB-1016 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

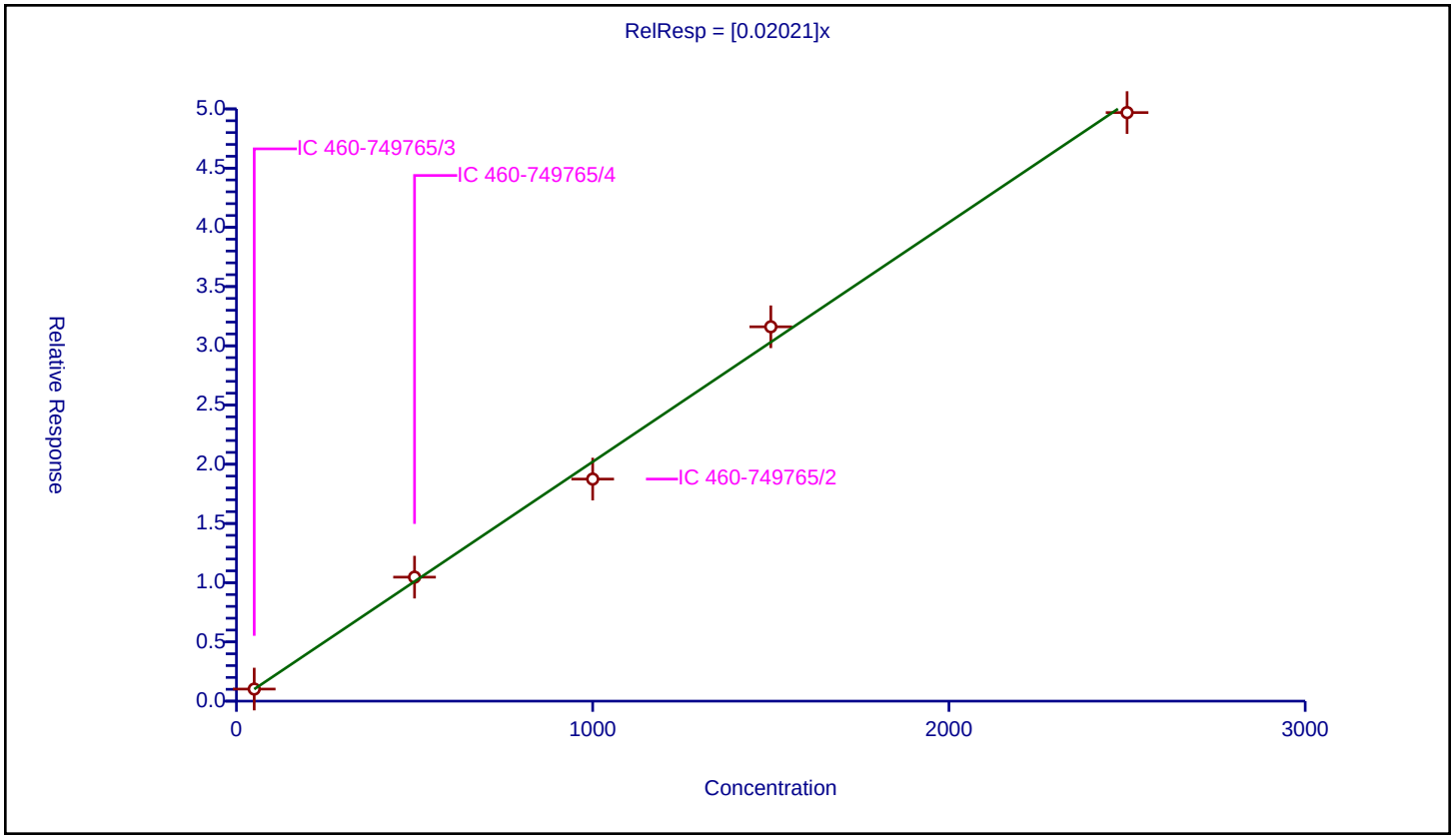
Curve Coefficients

Intercept:	0
Slope:	0.02021

Error Coefficients

Standard Error:	75600000
Relative Standard Error:	4.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.020152	20.0	48468888.0	0.020403	Y
2	IC 460-749765/4	500.0	10.468832	20.0	47499795.0	0.020938	Y
3	IC 460-749765/2	1000.0	18.747048	20.0	47926496.0	0.018747	Y
4	IC 460-749765/5	1500.0	31.605204	20.0	47844503.0	0.02107	Y
5	IC 460-749765/6	2500.0	49.690494	20.0	48444634.0	0.019876	Y



Calibration / PCB-1016 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

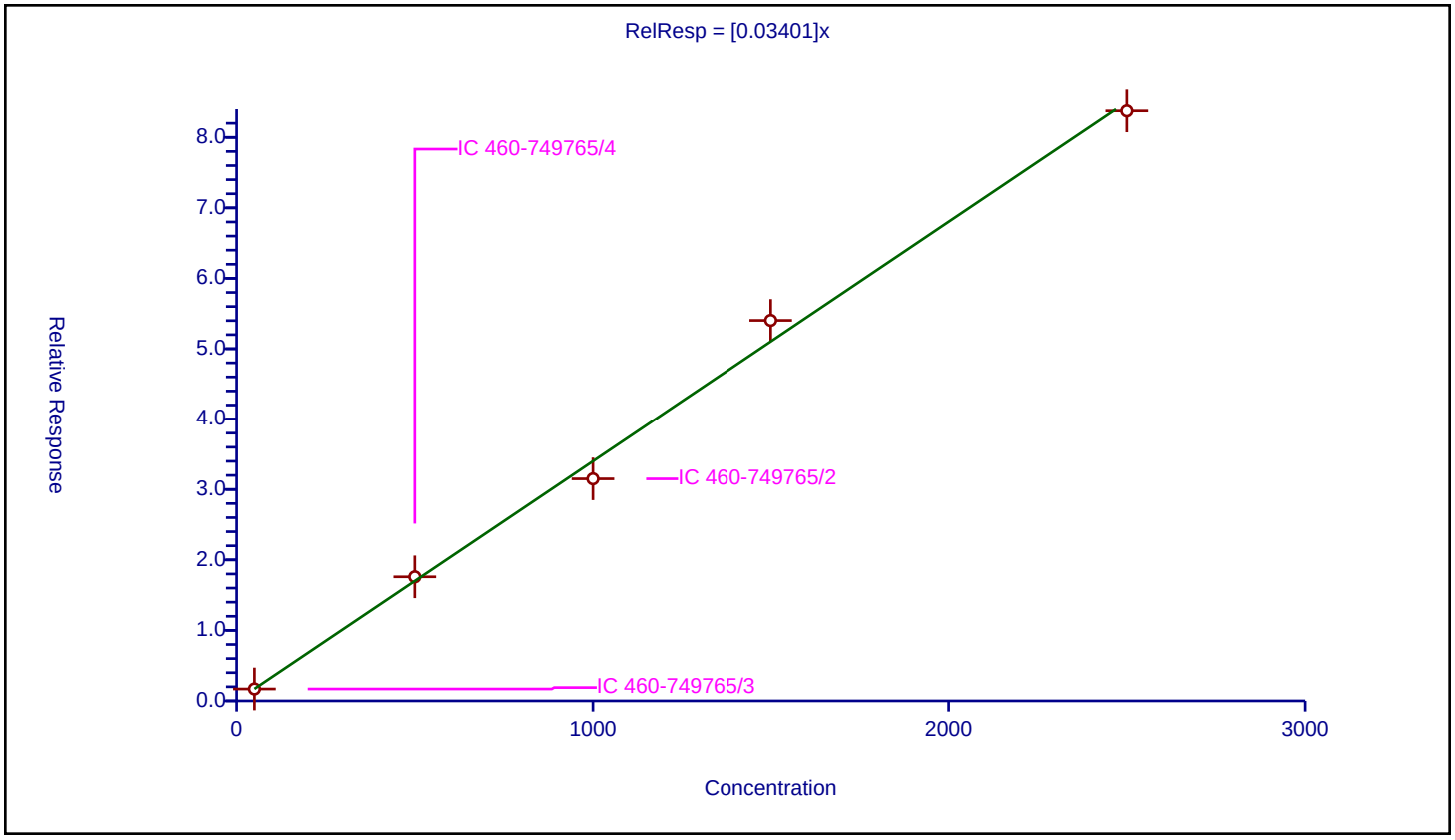
Curve Coefficients

Intercept:	0
Slope:	0.03401

Error Coefficients

Standard Error:	128000000
Relative Standard Error:	5.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.692116	20.0	48468888.0	0.033842	Y
2	IC 460-749765/4	500.0	17.596121	20.0	47499795.0	0.035192	Y
3	IC 460-749765/2	1000.0	31.508911	20.0	47926496.0	0.031509	Y
4	IC 460-749765/5	1500.0	54.029742	20.0	47844503.0	0.03602	Y
5	IC 460-749765/6	2500.0	83.762446	20.0	48444634.0	0.033505	Y



Calibration / PCB-1016 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

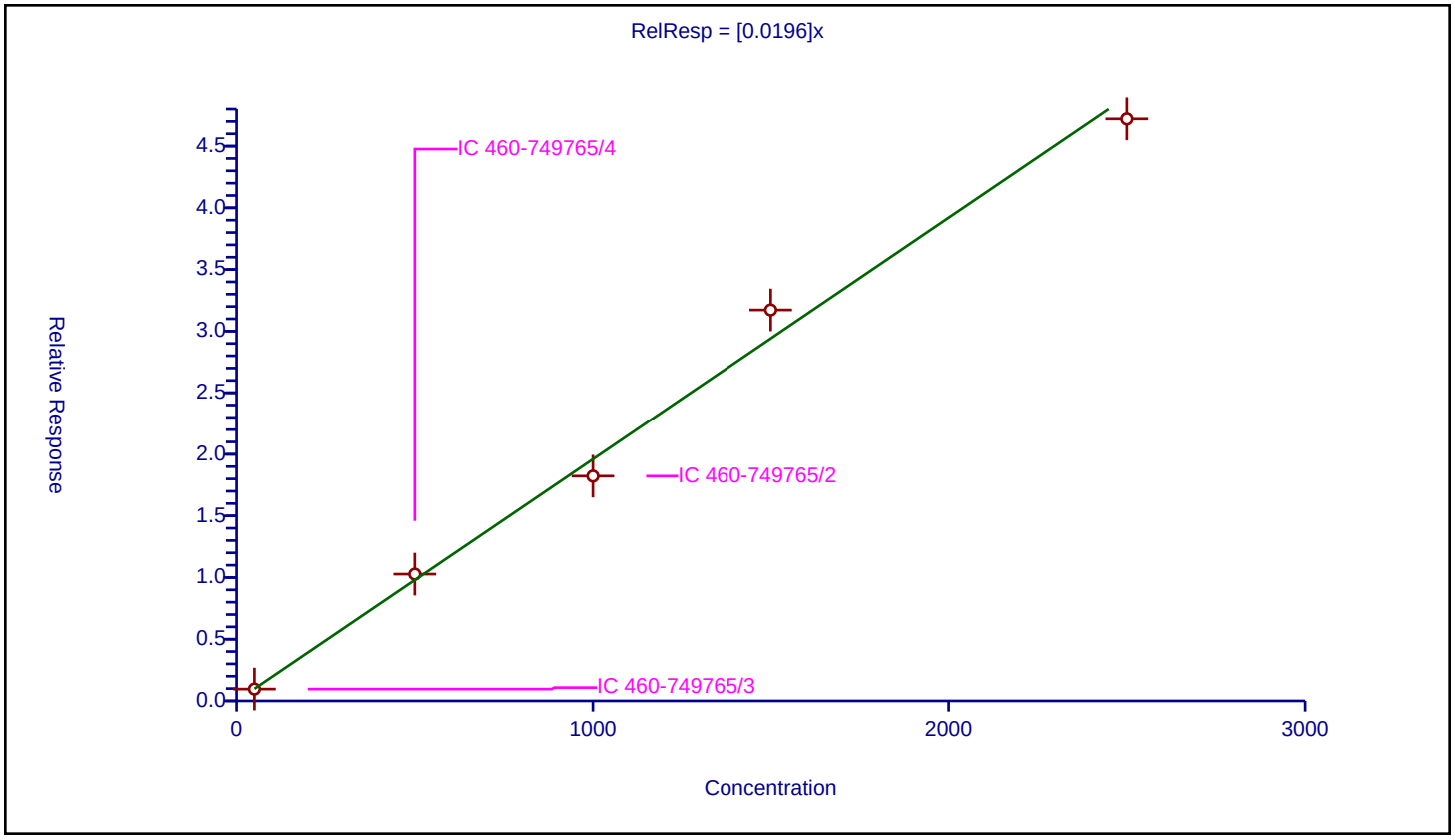
Curve Coefficients

Intercept:	0
Slope:	0.0196

Error Coefficients

Standard Error:	73000000
Relative Standard Error:	6.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	0.959229	20.0	48468888.0	0.019185	Y
2	IC 460-749765/4	500.0	10.276677	20.0	47499795.0	0.020553	Y
3	IC 460-749765/2	1000.0	18.225793	20.0	47926496.0	0.018226	Y
4	IC 460-749765/5	1500.0	31.722792	20.0	47844503.0	0.021149	Y
5	IC 460-749765/6	2500.0	47.208445	20.0	48444634.0	0.018883	Y



Calibration / PCB-1260 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

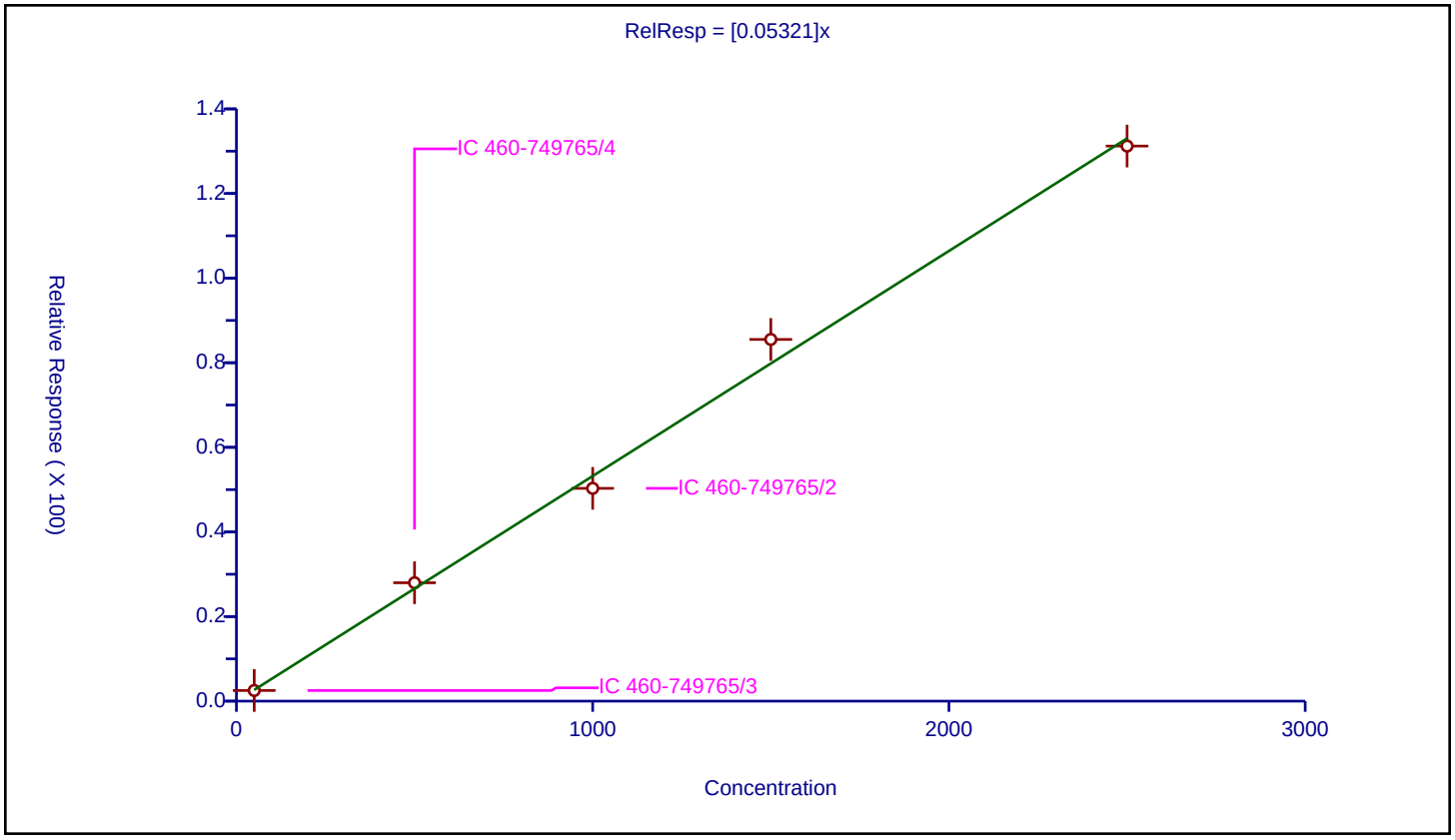
Curve Coefficients

Intercept:	0
Slope:	0.05321

Error Coefficients

Standard Error:	201000000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	2.514738	20.0	48468888.0	0.050295	Y
2	IC 460-749765/4	500.0	27.980441	20.0	47499795.0	0.055961	Y
3	IC 460-749765/2	1000.0	50.304498	20.0	47926496.0	0.050304	Y
4	IC 460-749765/5	1500.0	85.503063	20.0	47844503.0	0.057002	Y
5	IC 460-749765/6	2500.0	131.219961	20.0	48444634.0	0.052488	Y



Calibration / PCB-1260 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

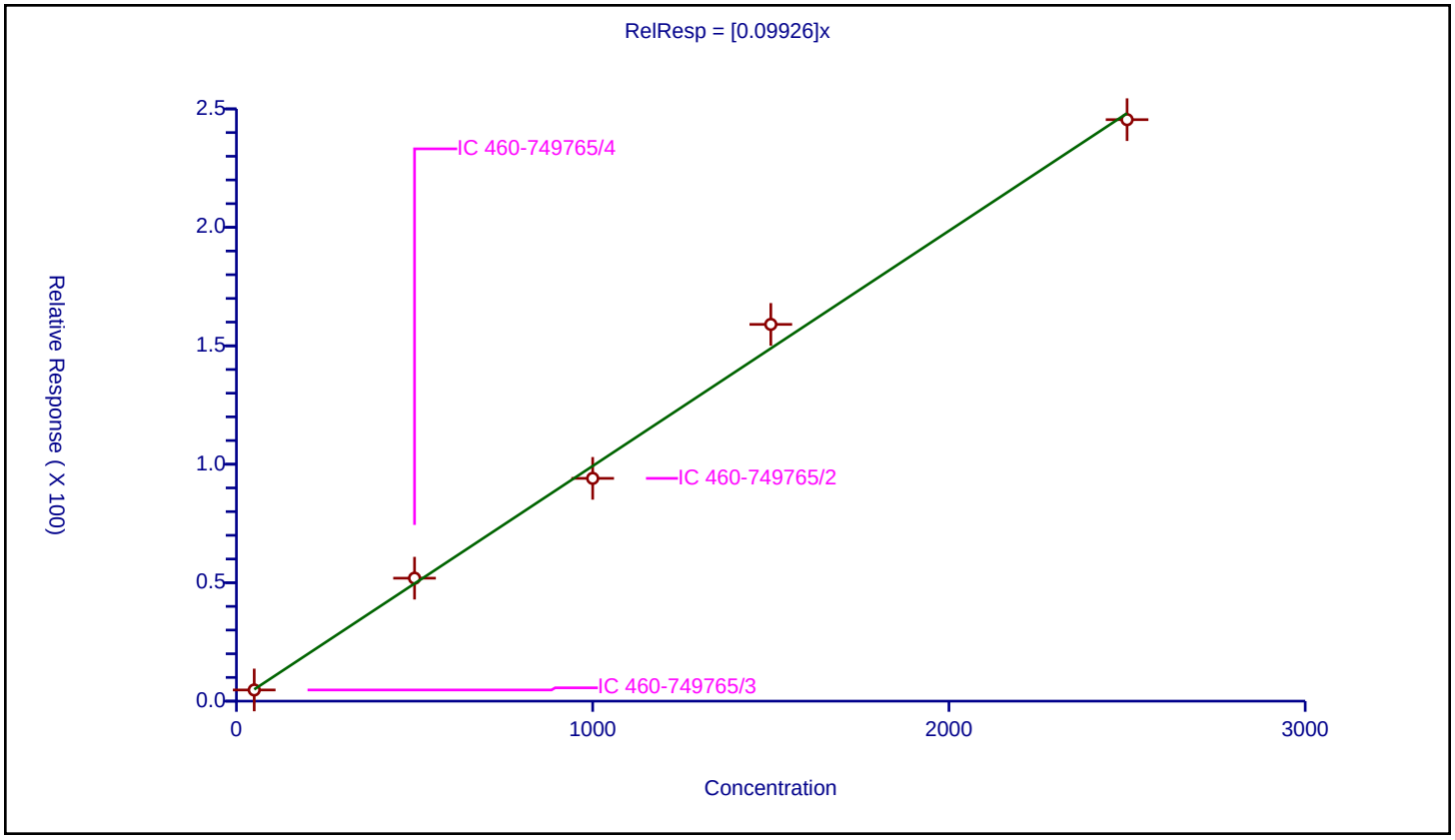
Curve Coefficients

Intercept:	0
Slope:	0.09926

Error Coefficients

Standard Error:	376000000
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	4.712876	20.0	48468888.0	0.094258	Y
2	IC 460-749765/4	500.0	51.897392	20.0	47499795.0	0.103795	Y
3	IC 460-749765/2	1000.0	94.034609	20.0	47926496.0	0.094035	Y
4	IC 460-749765/5	1500.0	159.038875	20.0	47844503.0	0.106026	Y
5	IC 460-749765/6	2500.0	245.4595	20.0	48444634.0	0.098184	Y



Calibration / PCB-1260 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

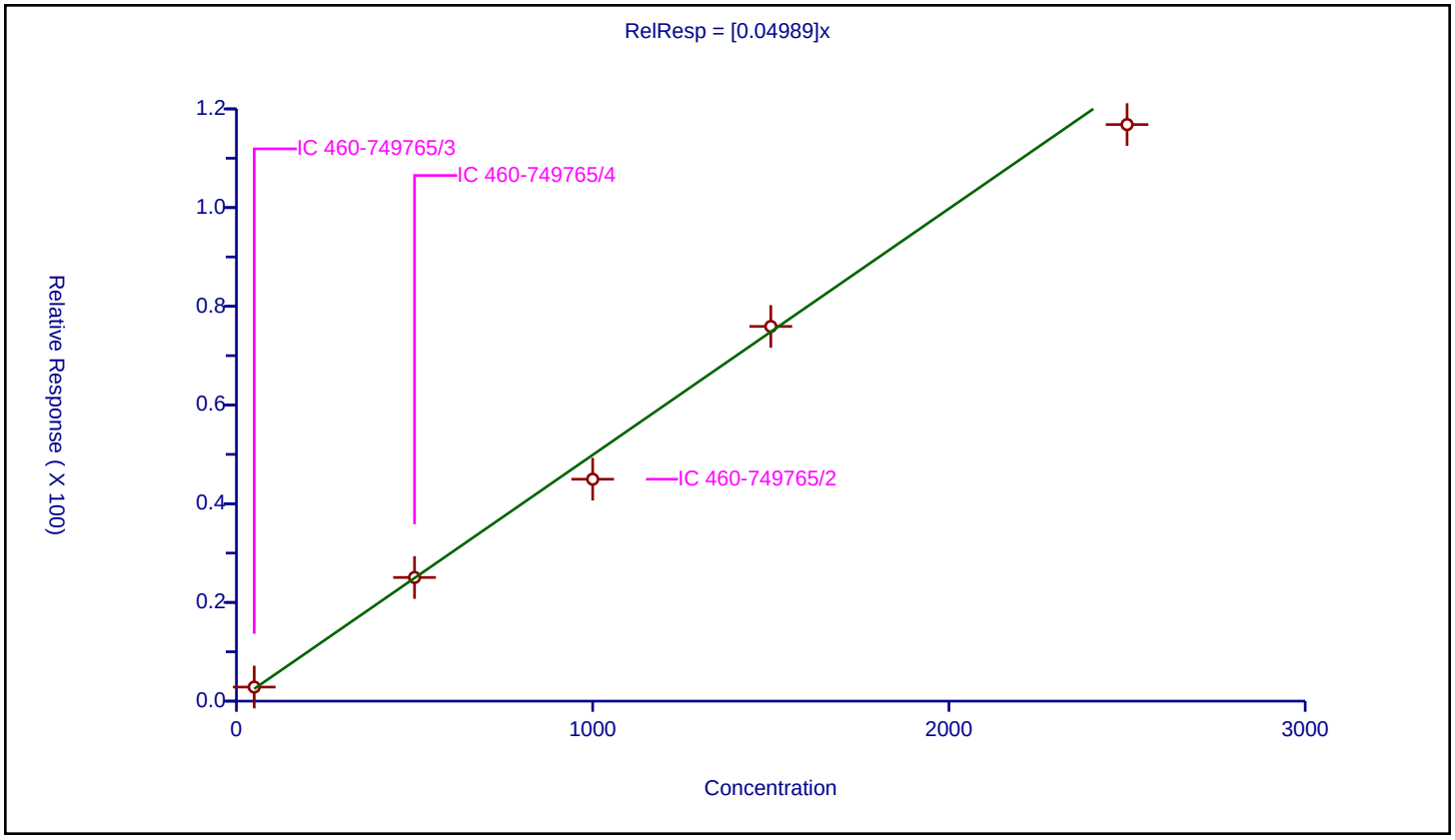
Curve Coefficients

Intercept:	0
Slope:	0.04989

Error Coefficients

Standard Error:	179000000
Relative Standard Error:	9.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	2.850677	20.0	48468888.0	0.057014	Y
2	IC 460-749765/4	500.0	25.060851	20.0	47499795.0	0.050122	Y
3	IC 460-749765/2	1000.0	44.964063	20.0	47926496.0	0.044964	Y
4	IC 460-749765/5	1500.0	75.923779	20.0	47844503.0	0.050616	Y
5	IC 460-749765/6	2500.0	116.828883	20.0	48444634.0	0.046732	Y



Calibration / PCB-1260 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

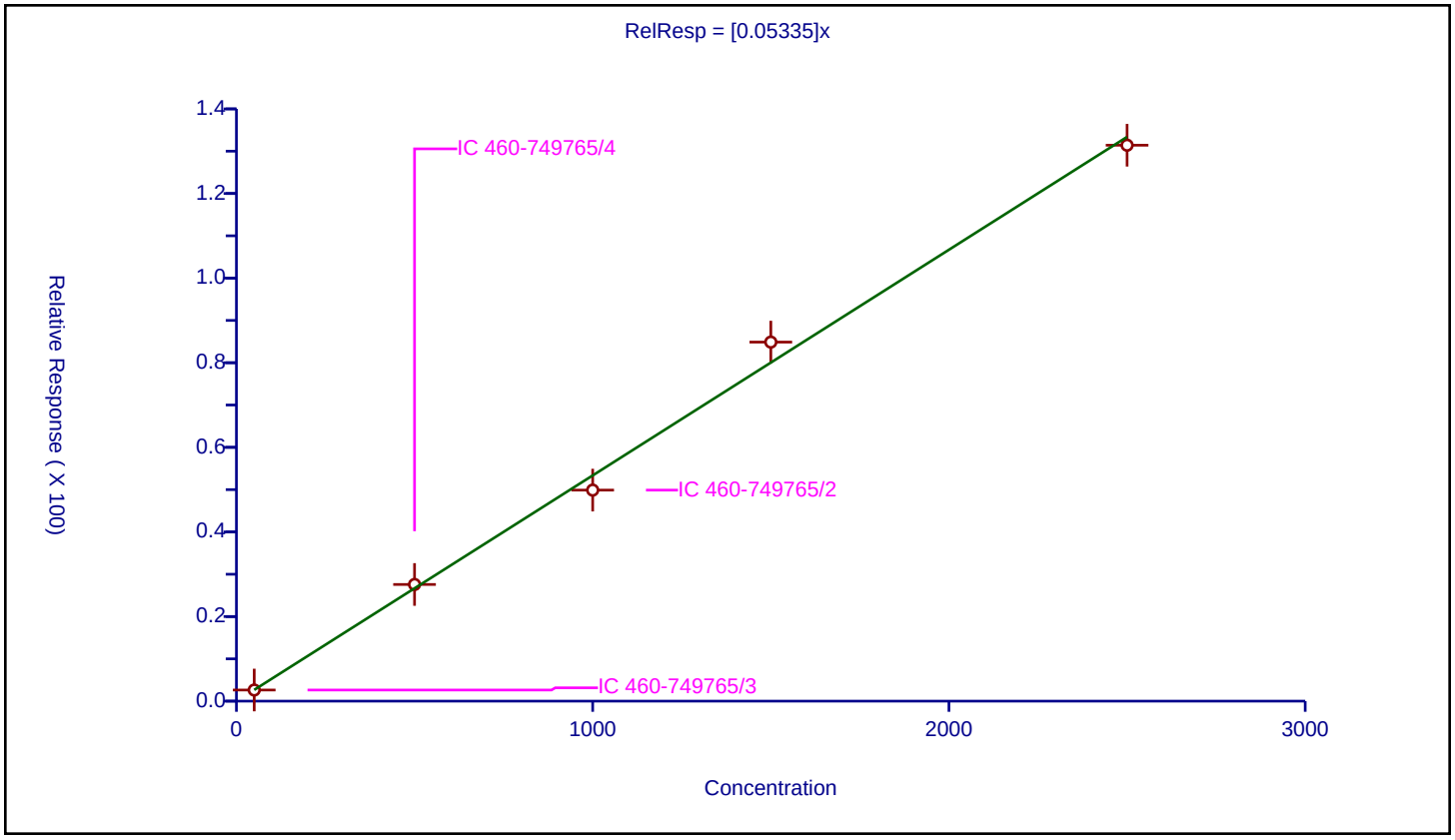
Curve Coefficients

Intercept:	0
Slope:	0.05335

Error Coefficients

Standard Error:	201000000
Relative Standard Error:	4.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	2.62785	20.0	48468888.0	0.052557	Y
2	IC 460-749765/4	500.0	27.580914	20.0	47499795.0	0.055162	Y
3	IC 460-749765/2	1000.0	49.888431	20.0	47926496.0	0.049888	Y
4	IC 460-749765/5	1500.0	84.873346	20.0	47844503.0	0.056582	Y
5	IC 460-749765/6	2500.0	131.415356	20.0	48444634.0	0.052566	Y



Calibration / PCB-1260 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

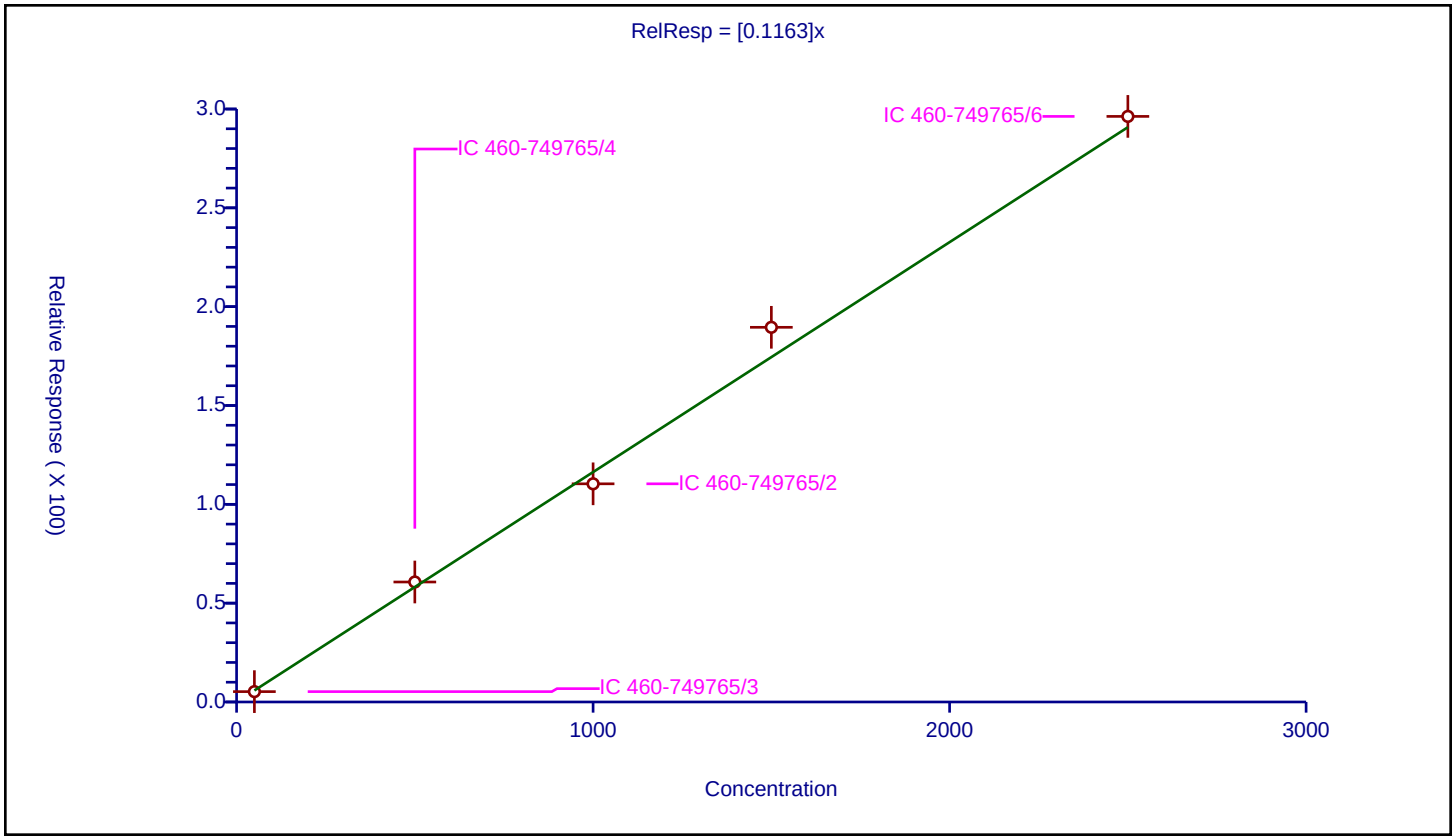
Curve Coefficients

Intercept:	0
Slope:	0.1163

Error Coefficients

Standard Error:	450000000
Relative Standard Error:	7.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	5.246534	20.0	48468888.0	0.104931	Y
2	IC 460-749765/4	500.0	60.69816	20.0	47499795.0	0.121396	Y
3	IC 460-749765/2	1000.0	110.373001	20.0	47926496.0	0.110373	Y
4	IC 460-749765/5	1500.0	189.566654	20.0	47844503.0	0.126378	Y
5	IC 460-749765/6	2500.0	296.263856	20.0	48444634.0	0.118506	Y



Calibration / PCB-1260 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

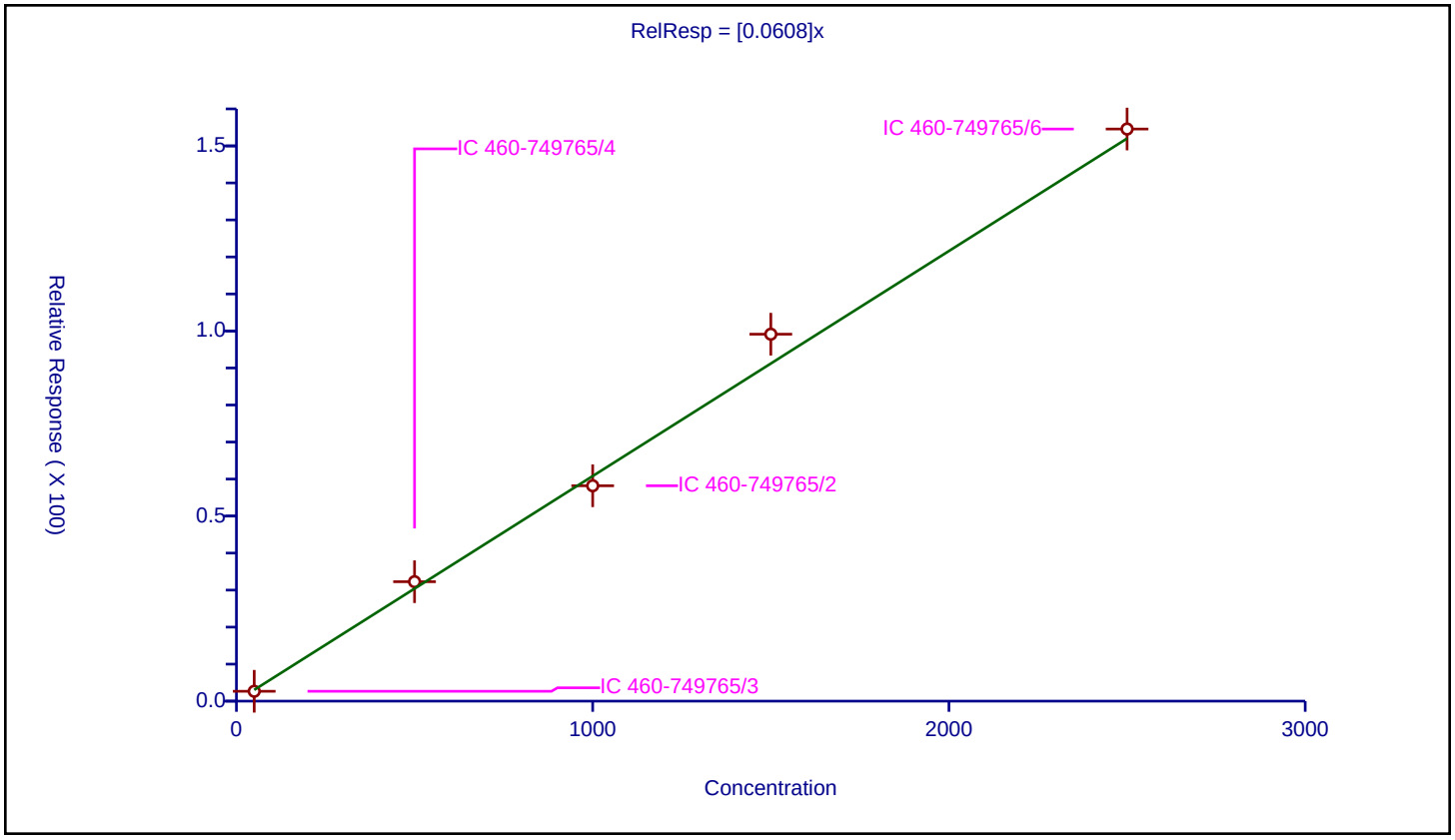
Curve Coefficients

Intercept:	0
Slope:	0.0608

Error Coefficients

Standard Error:	235000000
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	2.669136	20.0	48468888.0	0.053383	Y
2	IC 460-749765/4	500.0	32.268271	20.0	47499795.0	0.064537	Y
3	IC 460-749765/2	1000.0	58.185749	20.0	47926496.0	0.058186	Y
4	IC 460-749765/5	1500.0	99.131259	20.0	47844503.0	0.066088	Y
5	IC 460-749765/6	2500.0	154.562867	20.0	48444634.0	0.061825	Y



Calibration / PCB-1260 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

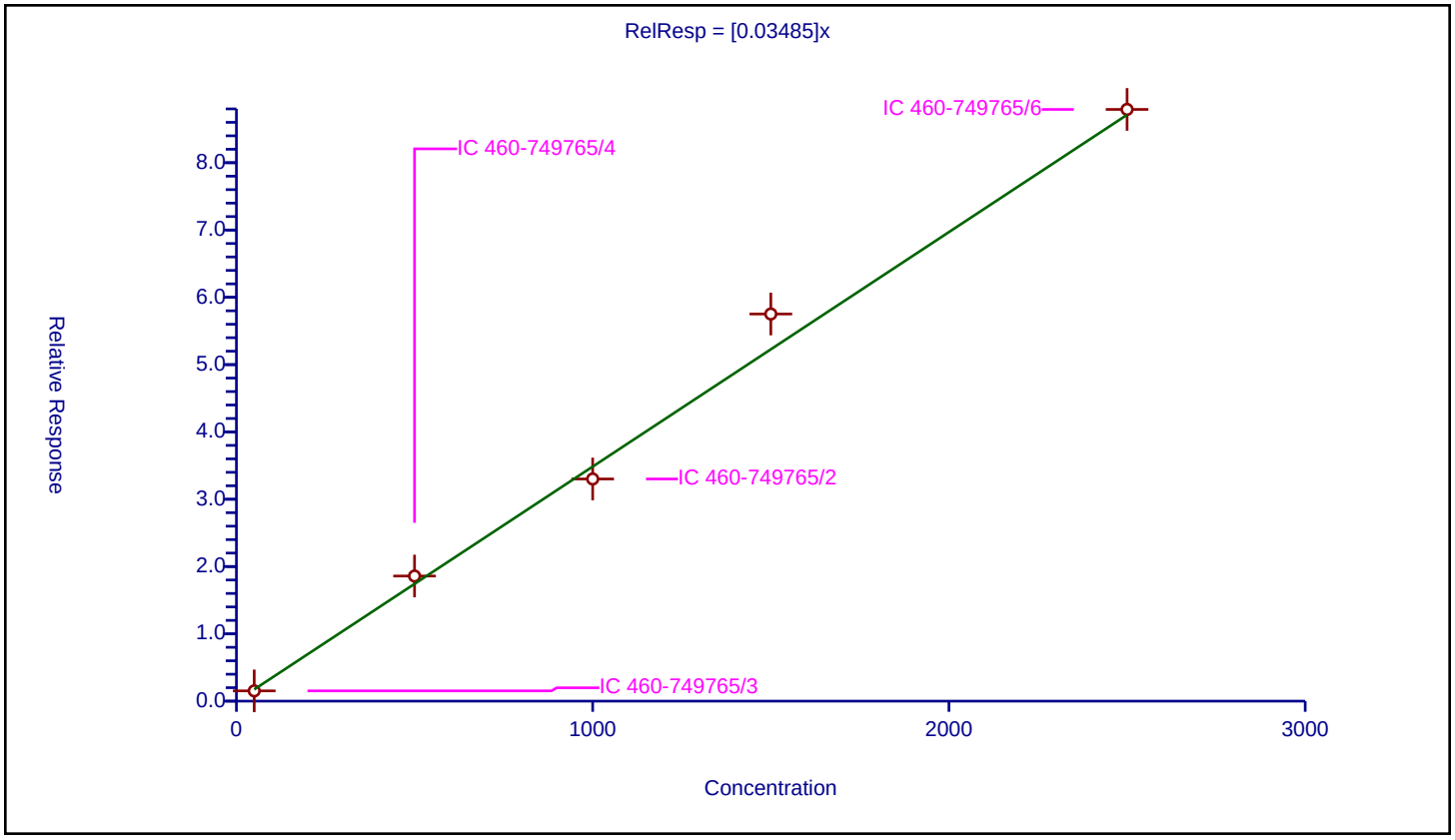
Curve Coefficients

Intercept:	0
Slope:	0.03485

Error Coefficients

Standard Error:	135000000
Relative Standard Error:	9.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.526654	20.0	48468888.0	0.030533	Y
2	IC 460-749765/4	500.0	18.588485	20.0	47499795.0	0.037177	Y
3	IC 460-749765/2	1000.0	33.011035	20.0	47926496.0	0.033011	Y
4	IC 460-749765/5	1500.0	57.523991	20.0	47844503.0	0.038349	Y
5	IC 460-749765/6	2500.0	87.922133	20.0	48444634.0	0.035169	Y



Calibration / PCB-1260 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

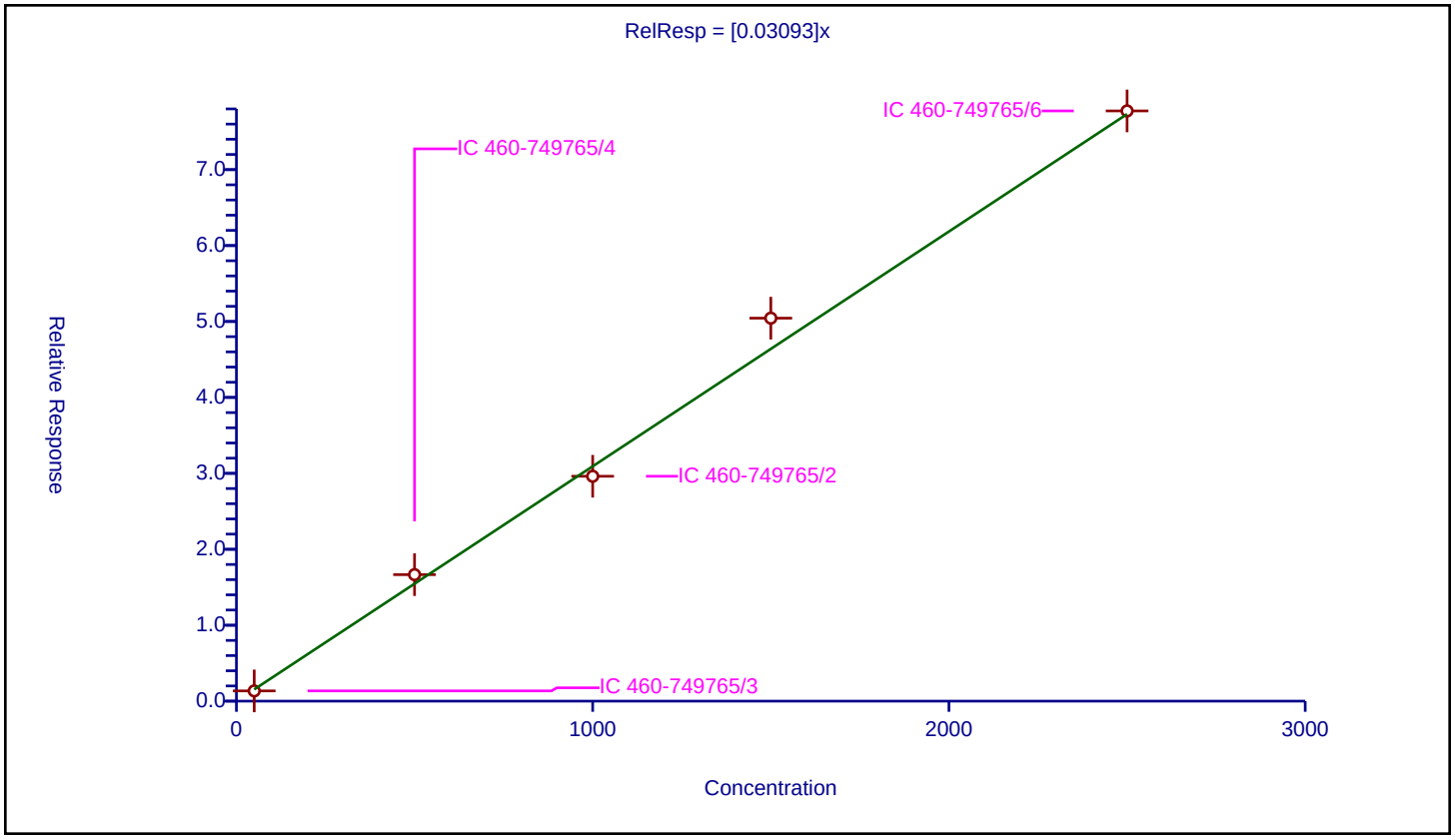
Curve Coefficients

Intercept:	0
Slope:	0.03093

Error Coefficients

Standard Error:	119000000
Relative Standard Error:	8.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	50.0	1.348546	20.0	48468888.0	0.026971	Y
2	IC 460-749765/4	500.0	16.66009	20.0	47499795.0	0.03332	Y
3	IC 460-749765/2	1000.0	29.616509	20.0	47926496.0	0.029617	Y
4	IC 460-749765/5	1500.0	50.440608	20.0	47844503.0	0.033627	Y
5	IC 460-749765/6	2500.0	77.732412	20.0	48444634.0	0.031093	Y



Calibration / DCB Decachlorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

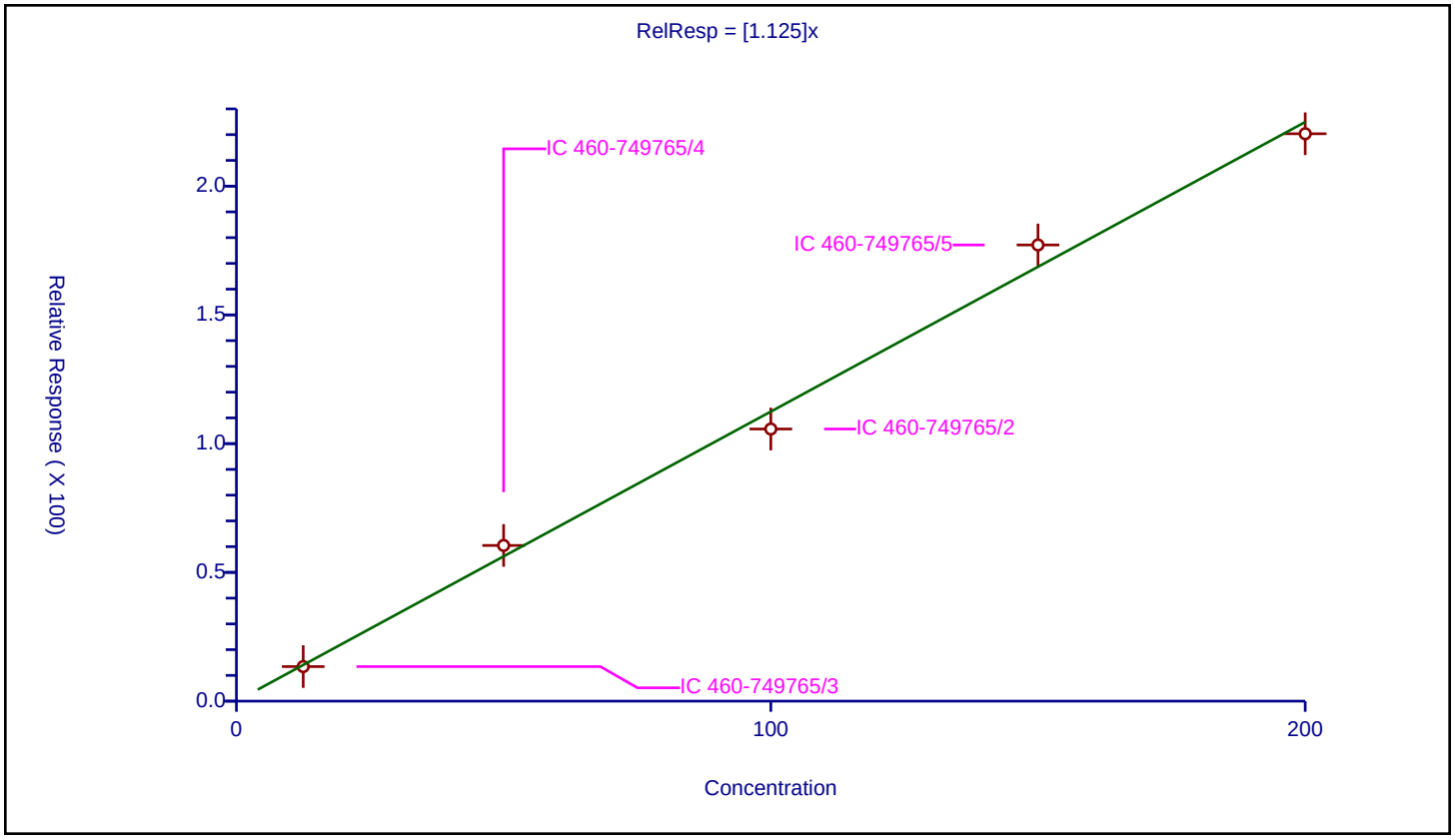
Curve Coefficients

Intercept:	0
Slope:	1.125

Error Coefficients

Standard Error:	371000000
Relative Standard Error:	6.0
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/3	12.5	13.421552	20.0	48468888.0	1.073724	Y
2	IC 460-749765/4	50.0	60.463743	20.0	47499795.0	1.209275	Y
3	IC 460-749765/2	100.0	105.686772	20.0	47926496.0	1.056868	Y
4	IC 460-749765/5	150.0	177.152729	20.0	47844503.0	1.181018	Y
5	IC 460-749765/6	200.0	220.34495	20.0	48444634.0	1.101725	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 12:30 Calibration End Date: 12/28/2020 12:30 Calibration ID: 83238

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/8	T1580625.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0069					Ave		0.0069						20.0			
PCB-1221 Peak 2	0.0112					Ave		0.0112						20.0			
PCB-1221 Peak 3	0.0074					Ave		0.0074						20.0			
PCB-1221 Peak 4	0.0268					Ave		0.0268						20.0			
PCB-1221 Peak 5	0.0036					Ave		0.0036						20.0			
PCB-1221 Peak 6	0.0060					Ave		0.0060						20.0			
PCB-1221 Peak 7	0.0027					Ave		0.0027						20.0			
PCB-1221 Peak 8	0.0017					Ave		0.0017						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 12:30 Calibration End Date: 12/28/2020 12:30 Calibration ID: 83238

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/8	T1580625.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	14834430					1000				
PCB-1221 Peak 2	BNB	Ave	24276994					1000				
PCB-1221 Peak 3	BNB	Ave	15947735					1000				
PCB-1221 Peak 4	BNB	Ave	58003048					1000				
PCB-1221 Peak 5	BNB	Ave	7870296					1000				
PCB-1221 Peak 6	BNB	Ave	13067579					1000				
PCB-1221 Peak 7	BNB	Ave	5850019					1000				
PCB-1221 Peak 8	BNB	Ave	3632496					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580625.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 12:30:20 ALS Bottle#: 13 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub3

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:06 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 11:57:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.703	1.703	0.000	43243717	20.0	20.0	M
2	1.426	1.426	0.000	46920267	20.0	20.0	M
						RPD = 0.00	
1 PCB-1221							M
1	2.165	2.165	0.000	14834430	1000.0	1000.0	
1	3.061	3.061	0.000	24276994	1000.0	1000.0	
1	3.235	3.235	0.000	15947735	1000.0	1000.0	M
1	3.309	3.309	0.000	58003048	1000.0	1000.0	M
1	3.888	3.888	0.000	7870296	1000.0	1000.0	M
1	4.395	4.395	0.000	13067579	1000.0	1000.0	M
1	4.563	4.563	0.000	5850019	1000.0	1000.0	M
1	4.690	4.690	0.000	3632496	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	1.615	1.615	0.000	15268782	1000.0	1000.0	M
2	2.273	2.273	0.000	23756919	1000.0	1000.0	
2	2.424	2.424	0.000	14897032	1000.0	1000.0	
2	2.467	2.467	0.000	57022176	1000.0	1000.0	
2	2.849	2.849	0.000	7897151	1000.0	1000.0	
2	2.983	2.983	0.000	7727504	1000.0	1000.0	
2	3.364	3.364	0.000	13361639	1000.0	1000.0	
2	3.513	3.513	0.000	5797084	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

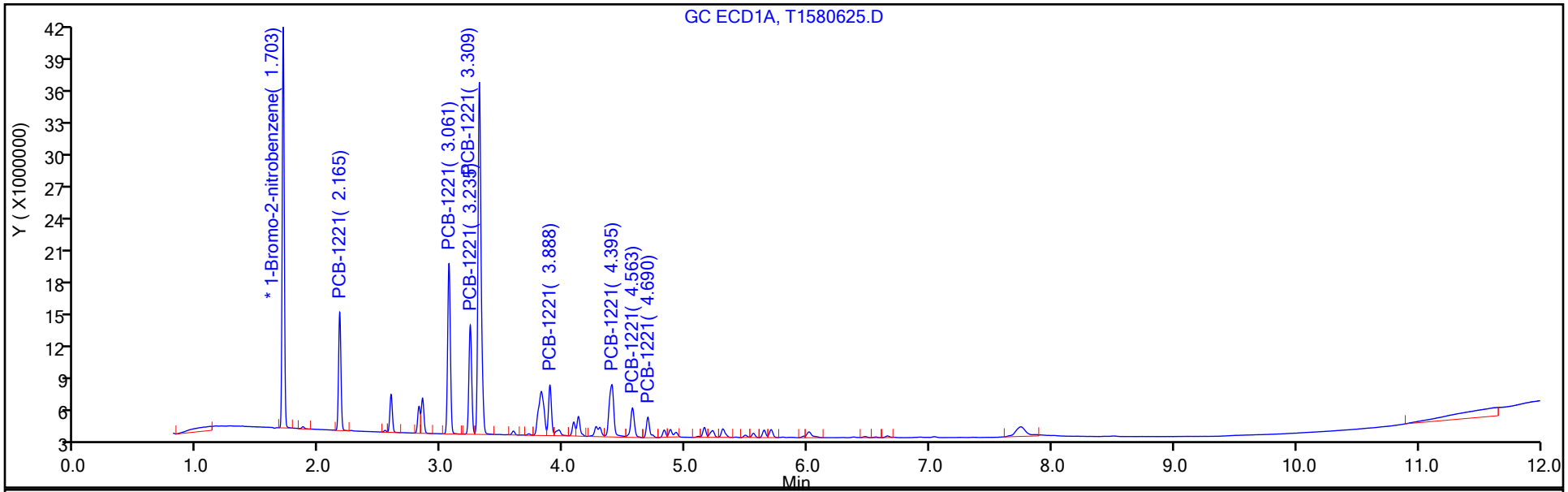
SG1221L4_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

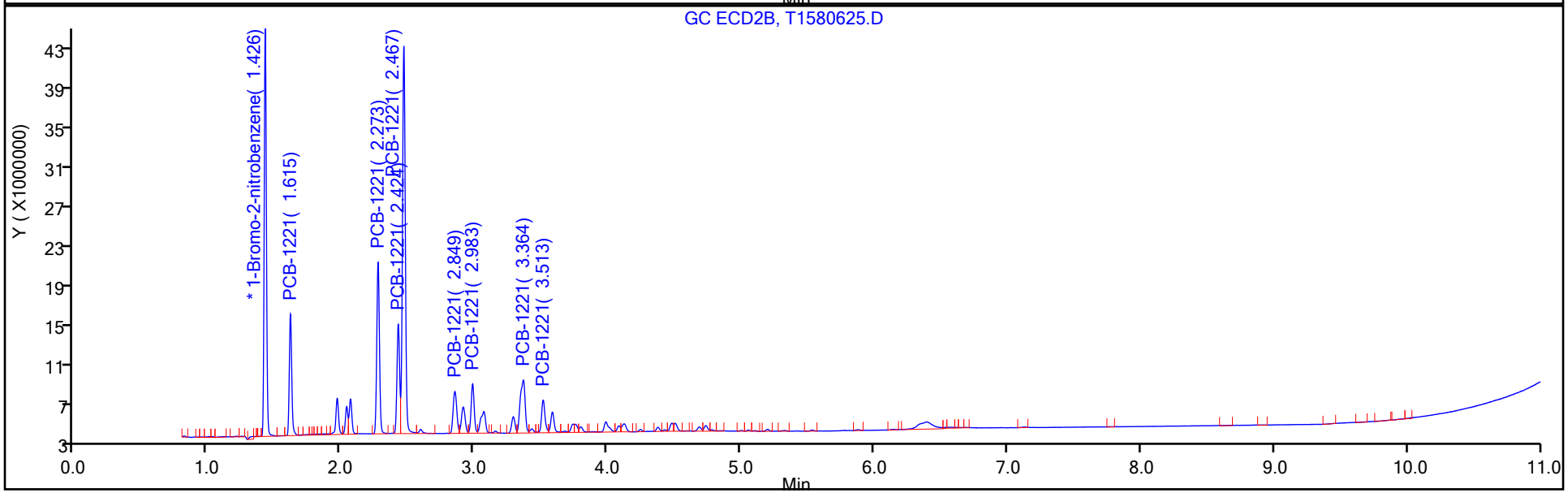
Report Date: 28-Dec-2020 13:33:06 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580625.D

Injection Date:	28-Dec-2020 12:30:20	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

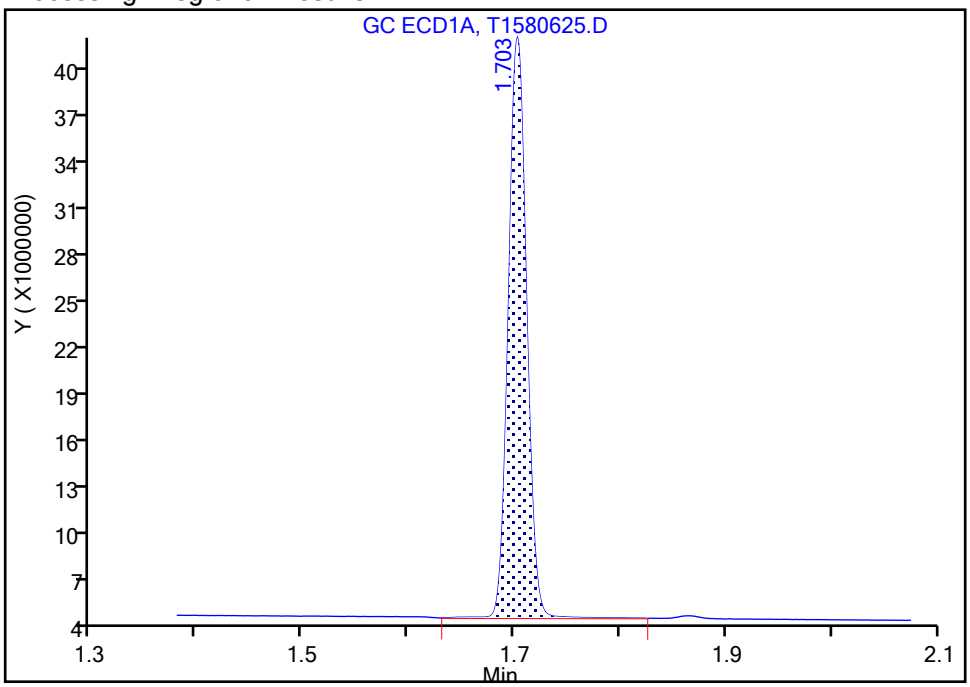
Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580625.D
Injection Date: 28-Dec-2020 12:30:20 Instrument ID: CPESTGC11
Lims ID: IC 1221
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

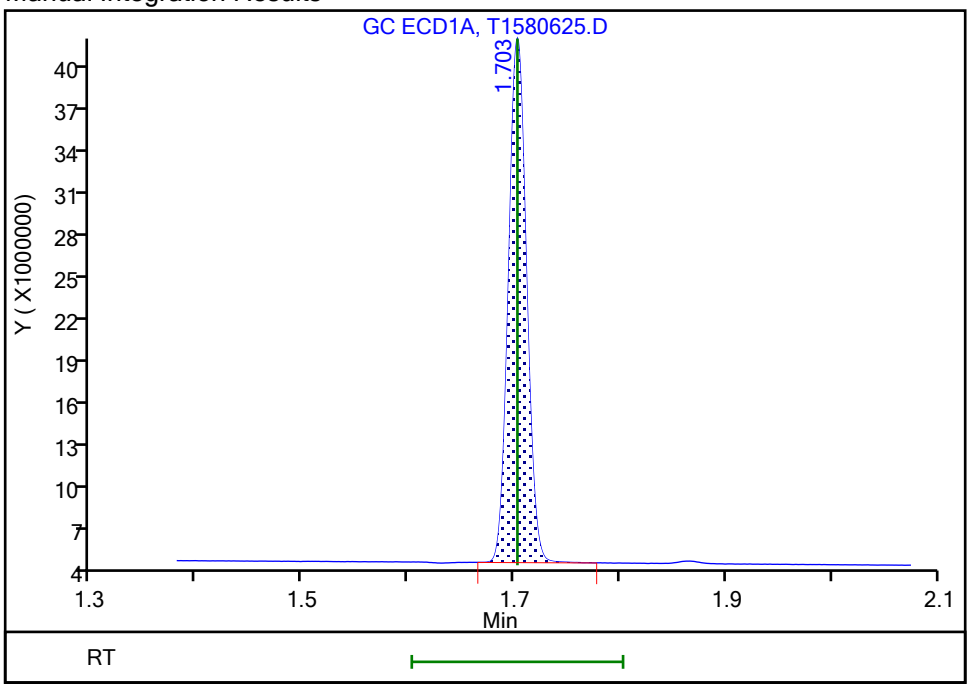
Processing Integration Results

RT: 1.70
Area: 43952439
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.70
Area: 43243717
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 28-Dec-2020 11:56:40
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Report Date: 28-Dec-2020 13:33:06 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580625.D

Injection Date: 28-Dec-2020 12:30:20 Instrument ID: CPESTGC11

Lims ID: IC 1221

Client ID:

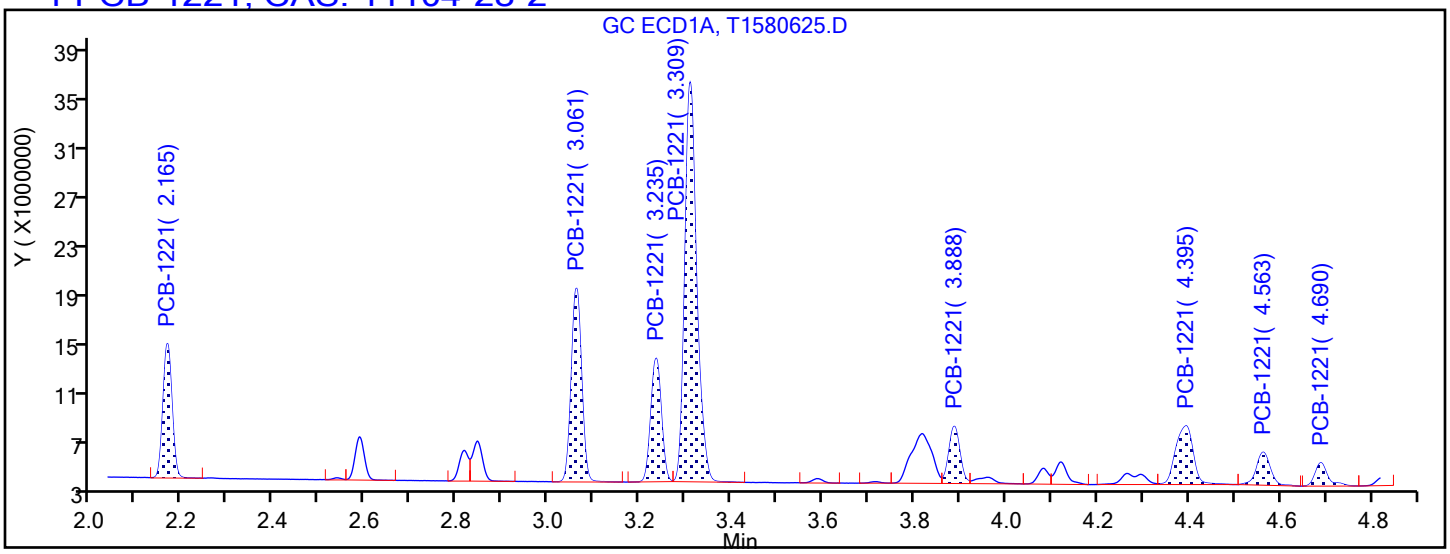
Operator ID: ALS Bottle#: 13 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

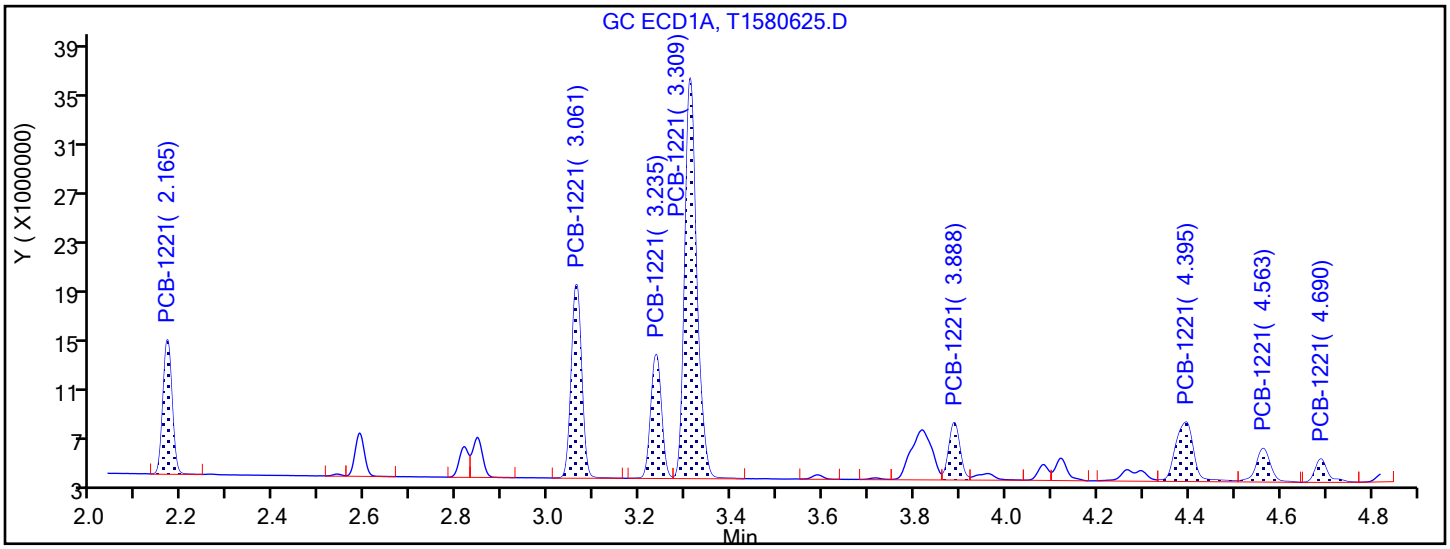
Column: Detector GC ECD1A

1 PCB-1221, CAS: 11104-28-2



Processing Integration Results

2.165	Response = 14834430
3.061	Response = 24276994
3.235	Response = 15769254
3.309	Response = 57649335
3.888	Response = 7798324
4.395	Response = 12384245
4.563	Response = 5525532
4.690	Response = 3632496



Manual Integration Results

2.165	Response = 14834430	
3.061	Response = 24276994	
3.235	Response = 15947735	M
3.309	Response = 58003048	M
3.888	Response = 7870296	M
4.395	Response = 13067579	M

Calibration / PCB-1221 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

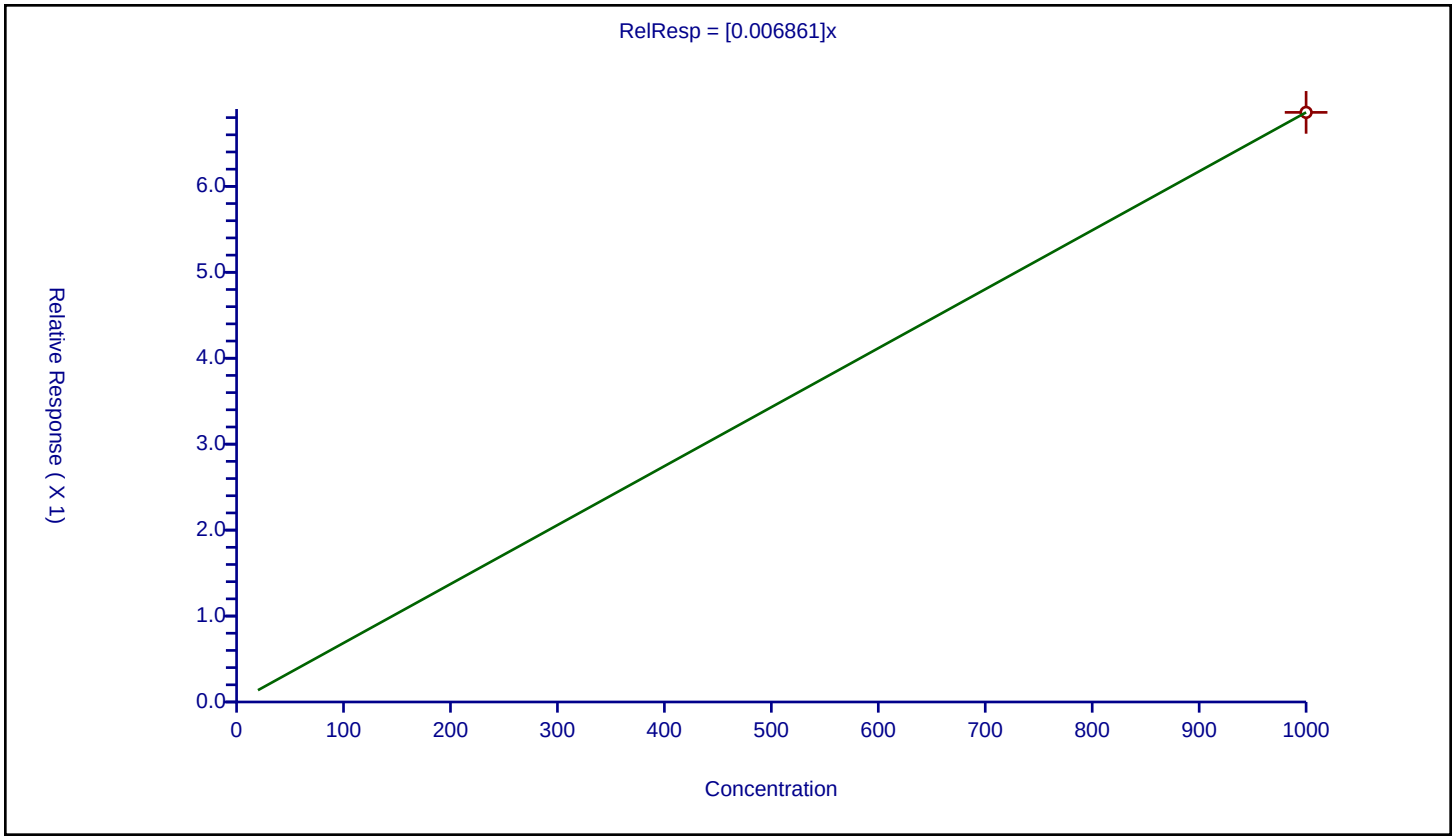
Curve Coefficients

Intercept:	0
Slope:	0.006861

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	6.860849	20.0	43243717.0	0.006861	Y



Calibration / PCB-1221 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

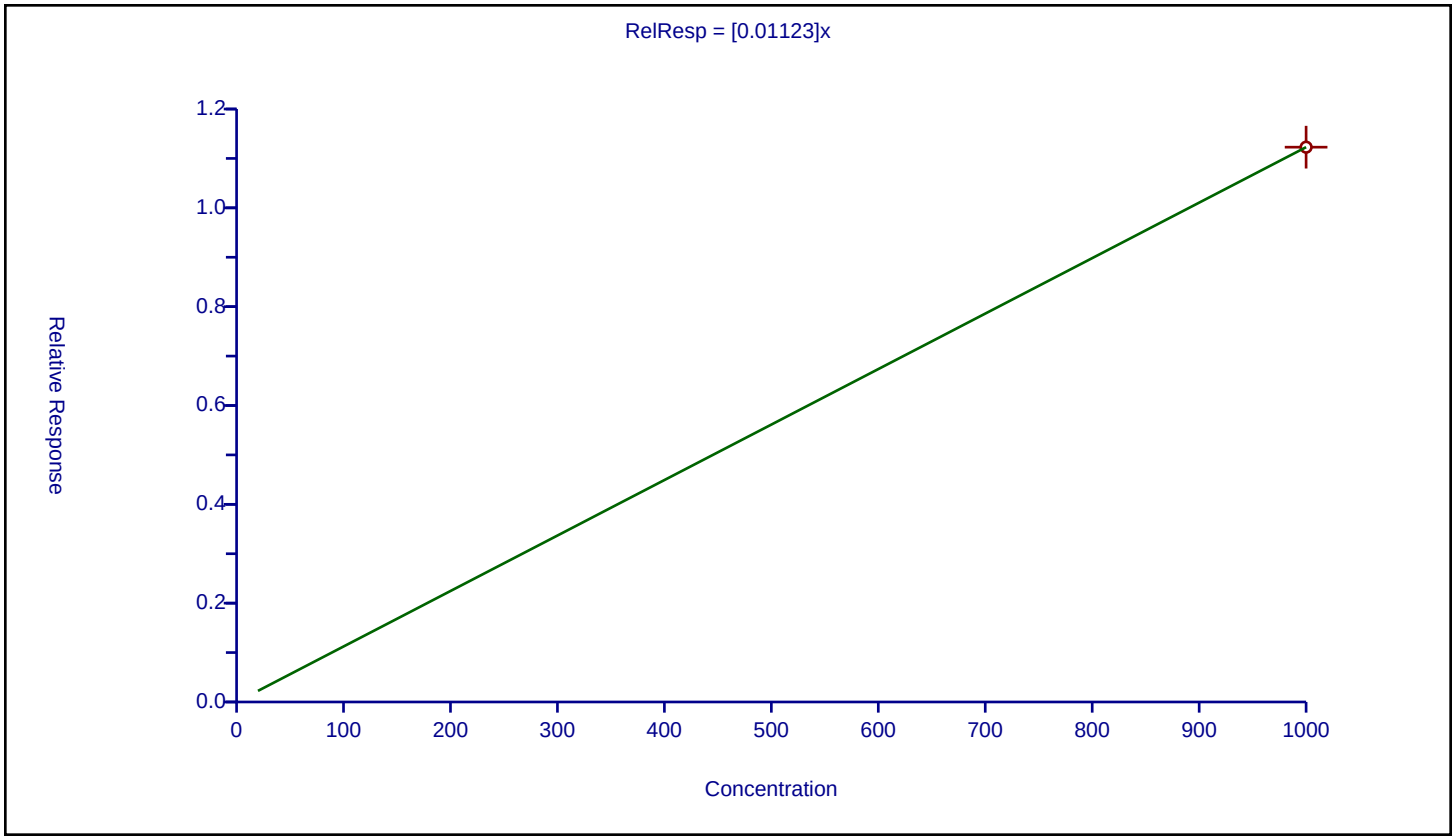
Curve Coefficients

Intercept:	0
Slope:	0.01123

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	11.227987	20.0	43243717.0	0.011228	Y



Calibration / PCB-1221 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

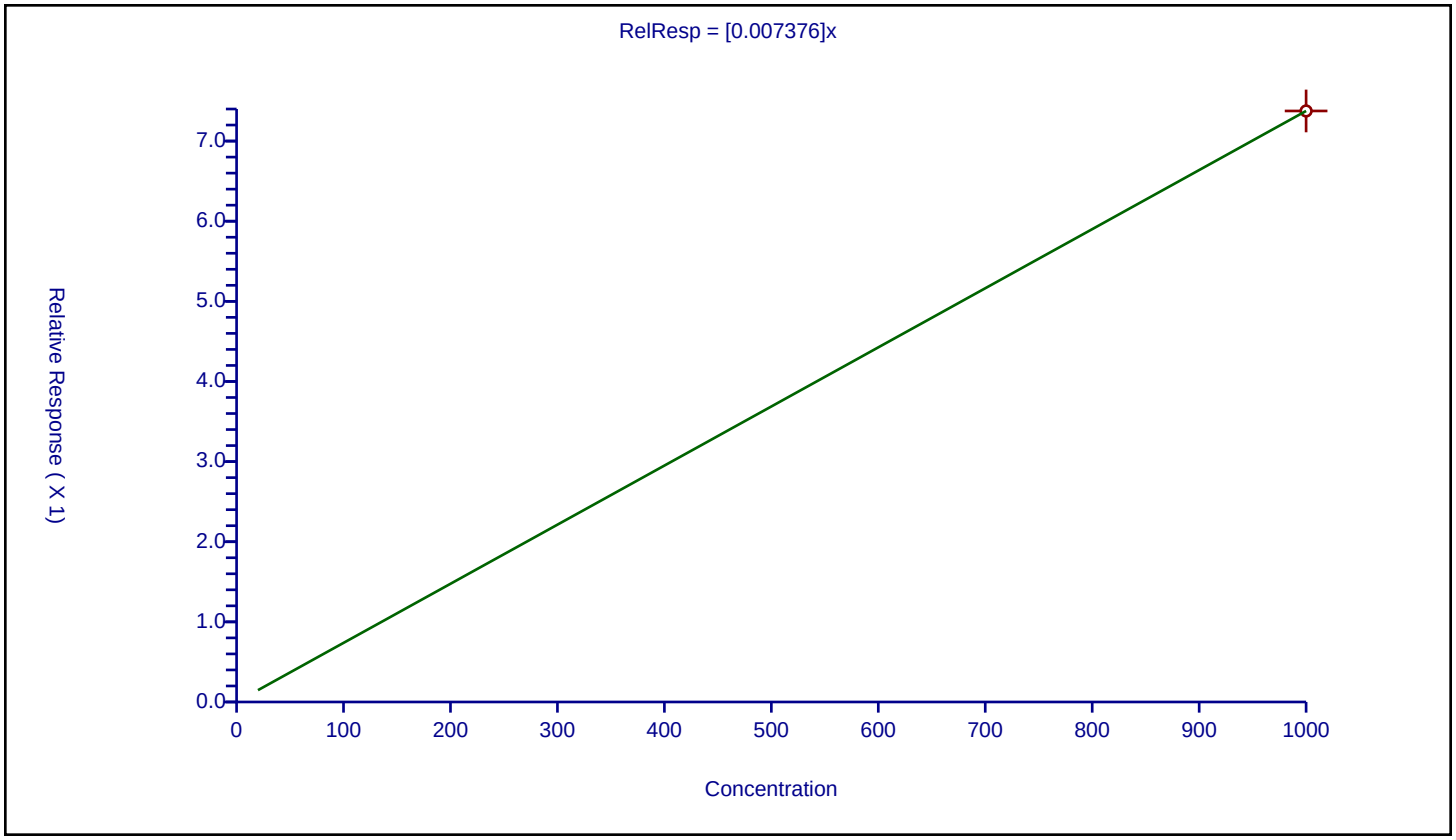
Curve Coefficients

Intercept:	0
Slope:	0.007376

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	7.375747	20.0	43243717.0	0.007376	Y



Calibration / PCB-1221 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

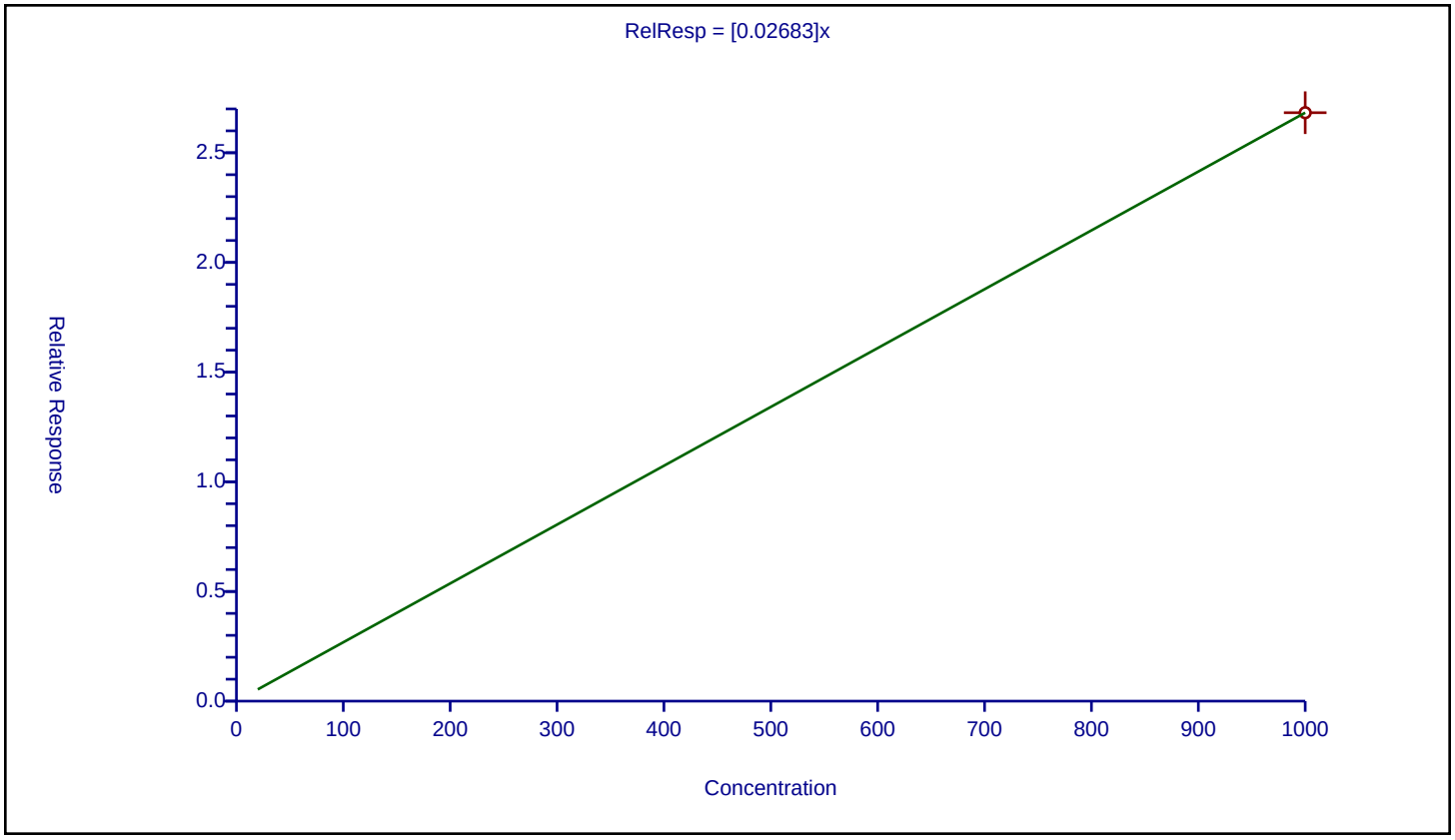
Curve Coefficients

Intercept:	0
Slope:	0.02683

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	26.826116	20.0	43243717.0	0.026826	Y



Calibration / PCB-1221 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

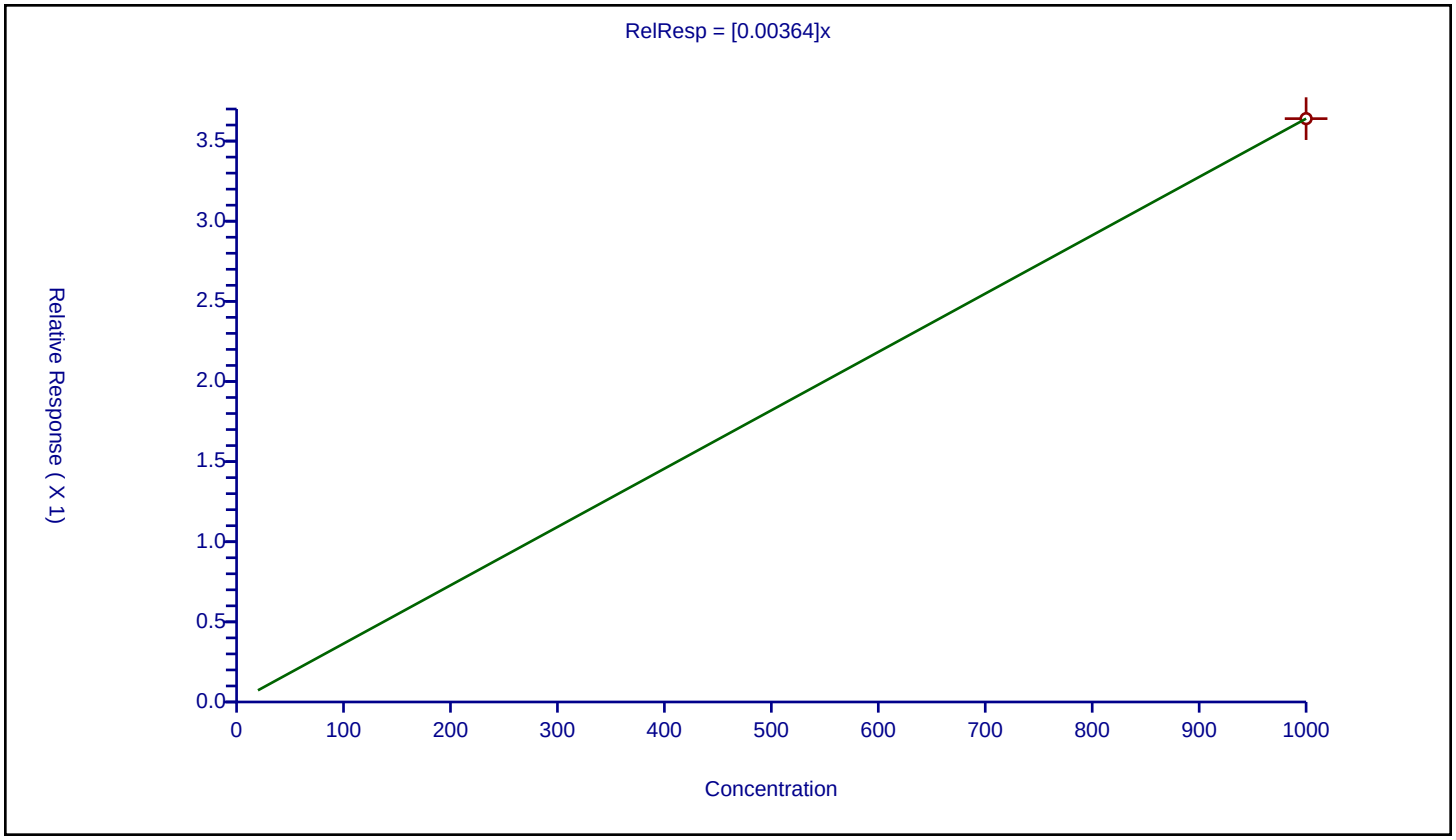
Curve Coefficients

Intercept:	0
Slope:	0.00364

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	3.639972	20.0	43243717.0	0.00364	Y



Calibration / PCB-1221 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

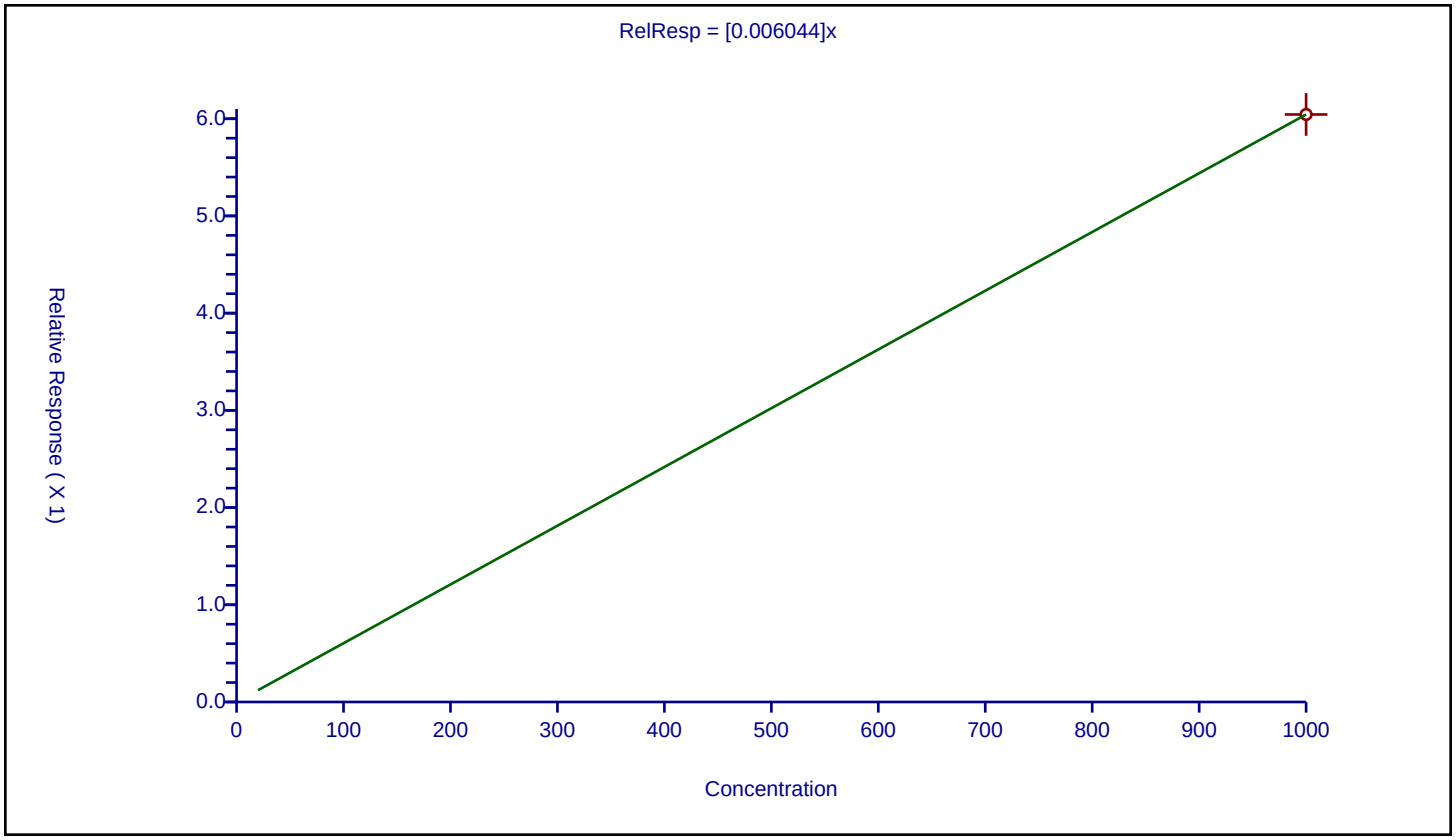
Curve Coefficients

Intercept:	0
Slope:	0.006044

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	6.043689	20.0	43243717.0	0.006044	Y



Calibration / PCB-1221 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

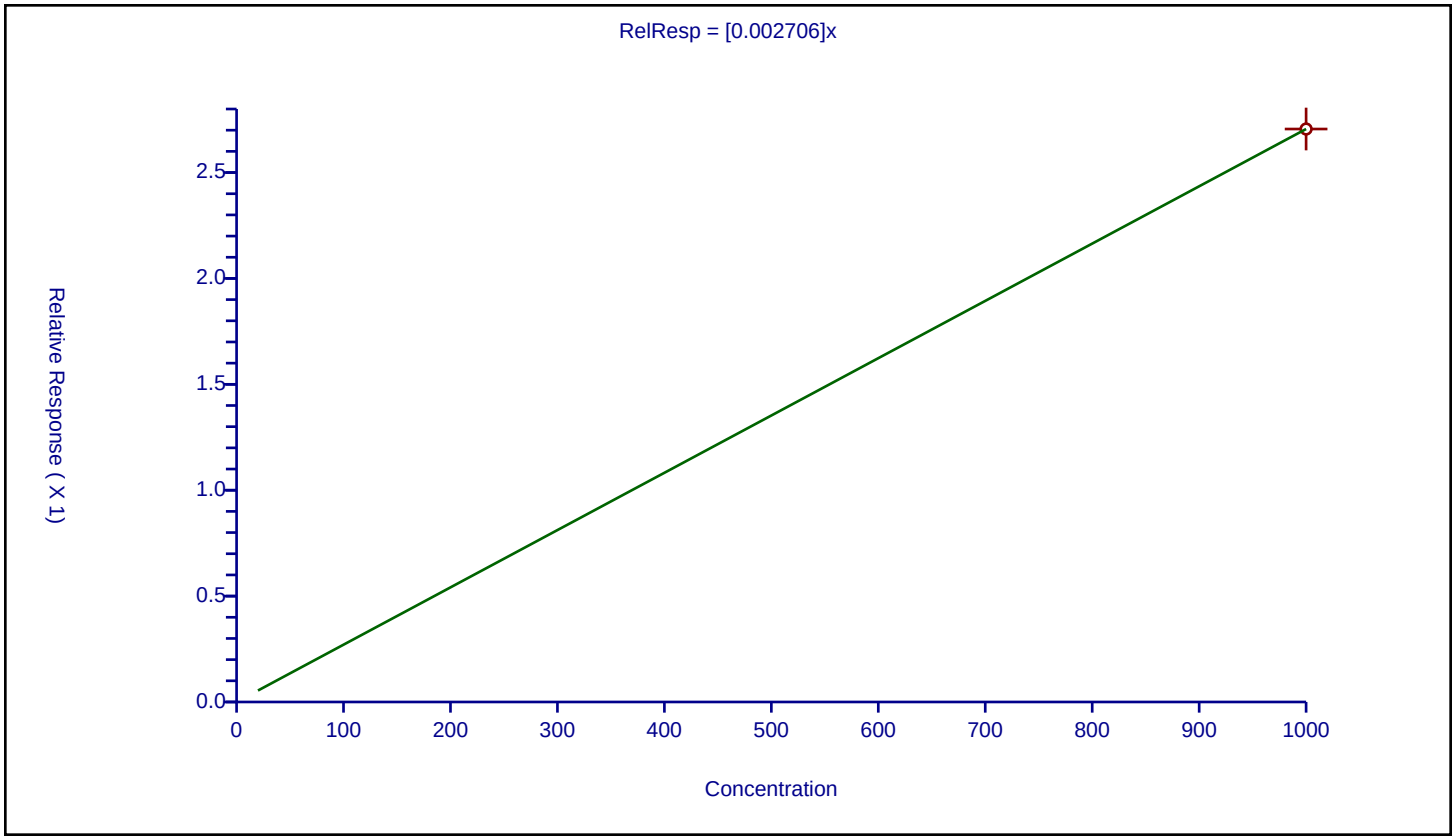
Curve Coefficients

Intercept:	0
Slope:	0.002706

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	2.705604	20.0	43243717.0	0.002706	Y



Calibration / PCB-1221 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

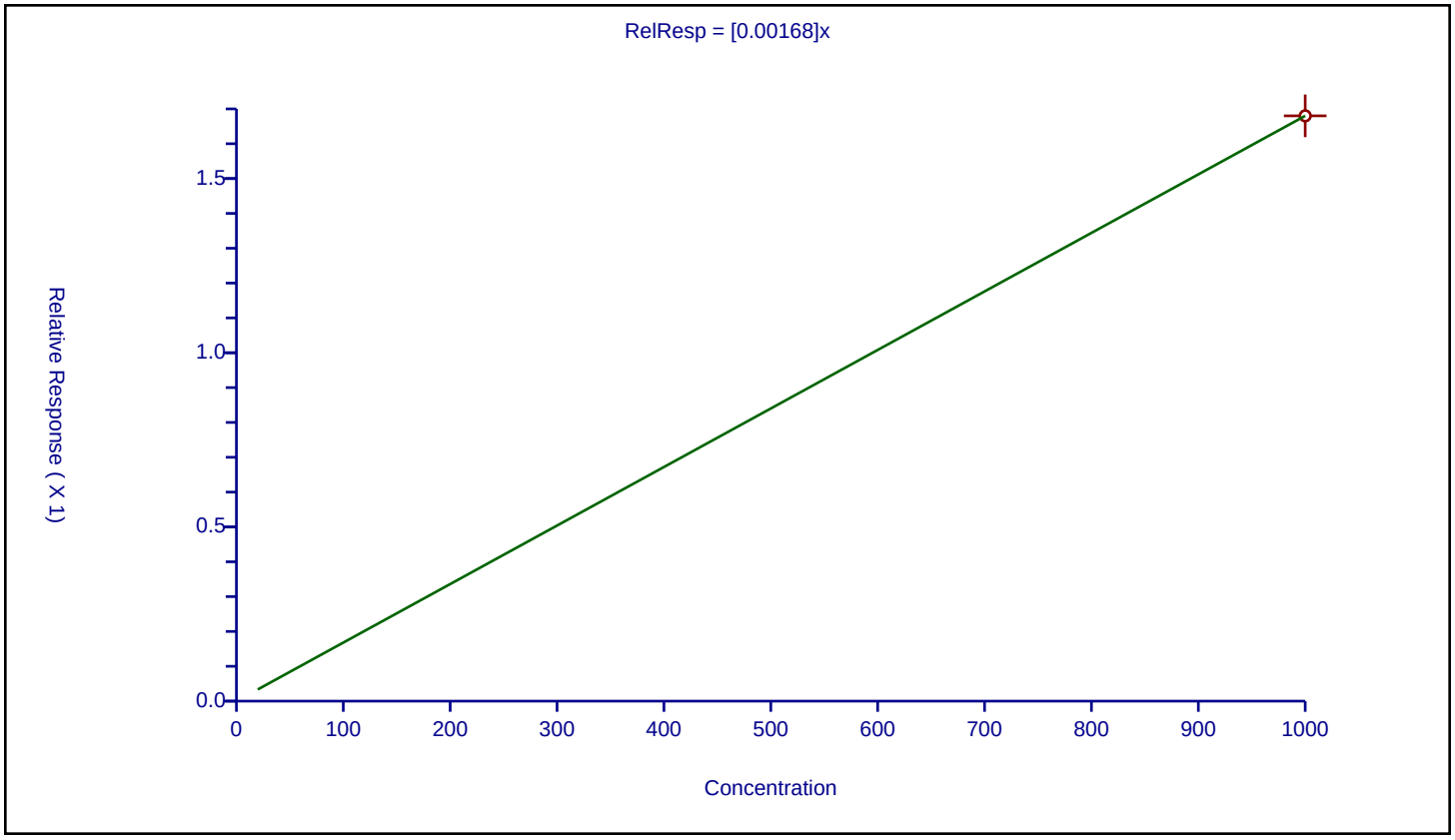
Curve Coefficients

Intercept:	0
Slope:	0.00168

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	1.680011	20.0	43243717.0	0.00168	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 12:30 Calibration End Date: 12/28/2020 12:30 Calibration ID: 83239

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/8	T1580625.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0065					Ave		0.0065						20.0			
PCB-1221 Peak 2	0.0101					Ave		0.0101						20.0			
PCB-1221 Peak 3	0.0063					Ave		0.0063						20.0			
PCB-1221 Peak 4	0.0243					Ave		0.0243						20.0			
PCB-1221 Peak 5	0.0034					Ave		0.0034						20.0			
PCB-1221 Peak 6	0.0033					Ave		0.0033						20.0			
PCB-1221 Peak 7	0.0057					Ave		0.0057						20.0			
PCB-1221 Peak 8	0.0025					Ave		0.0025						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 12:30 Calibration End Date: 12/28/2020 12:30 Calibration ID: 83239

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/8	T1580625.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	15268782					1000				
PCB-1221 Peak 2	BNB	Ave	23756919					1000				
PCB-1221 Peak 3	BNB	Ave	14897032					1000				
PCB-1221 Peak 4	BNB	Ave	57022176					1000				
PCB-1221 Peak 5	BNB	Ave	7897151					1000				
PCB-1221 Peak 6	BNB	Ave	7727504					1000				
PCB-1221 Peak 7	BNB	Ave	13361639					1000				
PCB-1221 Peak 8	BNB	Ave	5797084					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580625.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 12:30:20 ALS Bottle#: 13 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub3

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:06 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 11:57:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.703	1.703	0.000	43243717	20.0	20.0	M
2	1.426	1.426	0.000	46920267	20.0	20.0	M
						RPD = 0.00	
1 PCB-1221							M
1	2.165	2.165	0.000	14834430	1000.0	1000.0	
1	3.061	3.061	0.000	24276994	1000.0	1000.0	
1	3.235	3.235	0.000	15947735	1000.0	1000.0	M
1	3.309	3.309	0.000	58003048	1000.0	1000.0	M
1	3.888	3.888	0.000	7870296	1000.0	1000.0	M
1	4.395	4.395	0.000	13067579	1000.0	1000.0	M
1	4.563	4.563	0.000	5850019	1000.0	1000.0	M
1	4.690	4.690	0.000	3632496	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	1.615	1.615	0.000	15268782	1000.0	1000.0	M
2	2.273	2.273	0.000	23756919	1000.0	1000.0	
2	2.424	2.424	0.000	14897032	1000.0	1000.0	
2	2.467	2.467	0.000	57022176	1000.0	1000.0	
2	2.849	2.849	0.000	7897151	1000.0	1000.0	
2	2.983	2.983	0.000	7727504	1000.0	1000.0	
2	3.364	3.364	0.000	13361639	1000.0	1000.0	
2	3.513	3.513	0.000	5797084	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

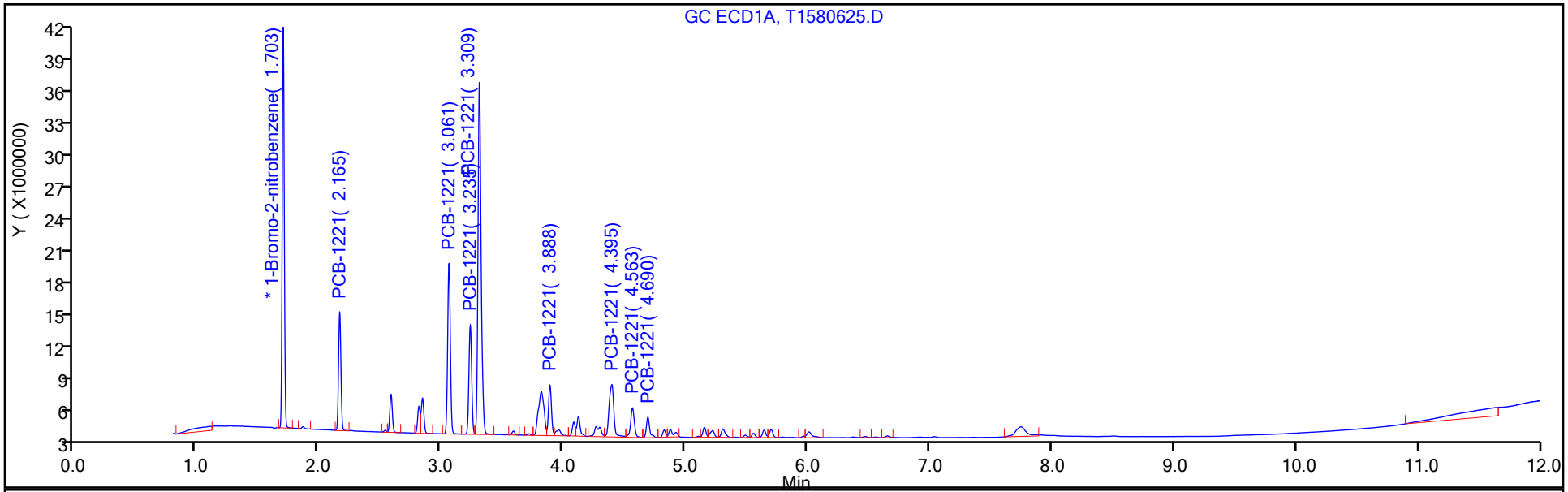
SG1221L4_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

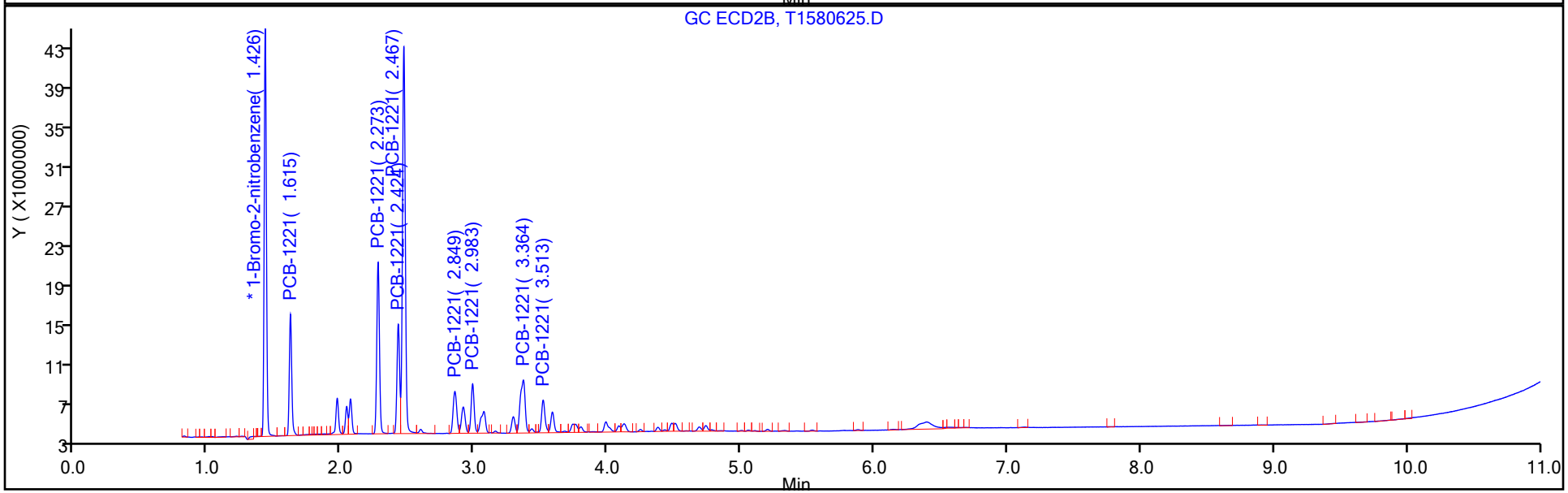
Report Date: 28-Dec-2020 13:33:07 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580625.D

Injection Date:	28-Dec-2020 12:30:20	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

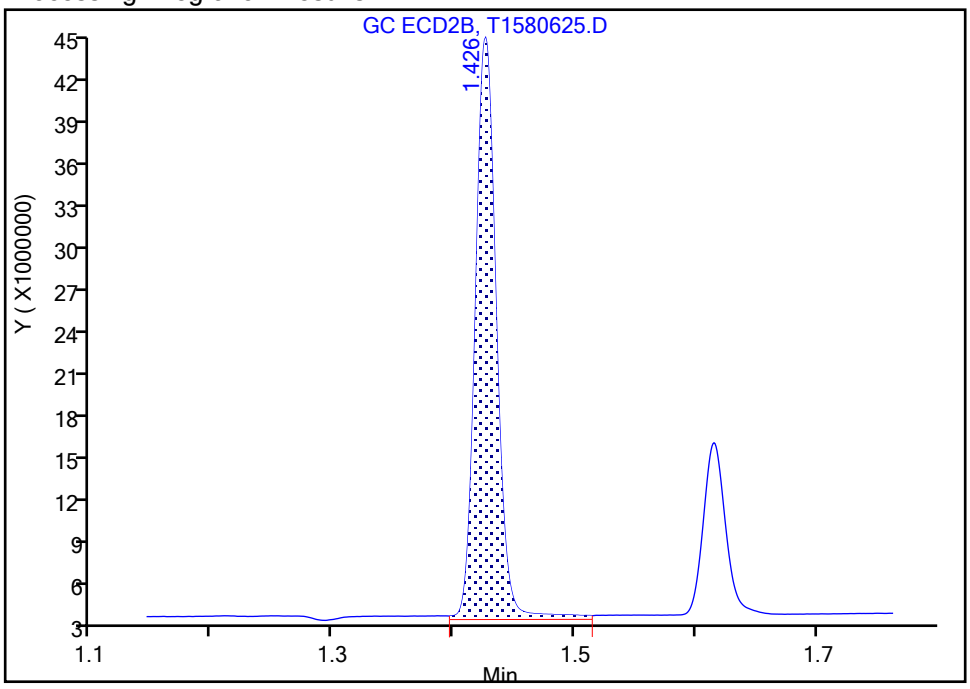
Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580625.D		
Injection Date:	28-Dec-2020 12:30:20	Instrument ID:	CPESTGC11
Lims ID:	IC 1221		
Client ID:			
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

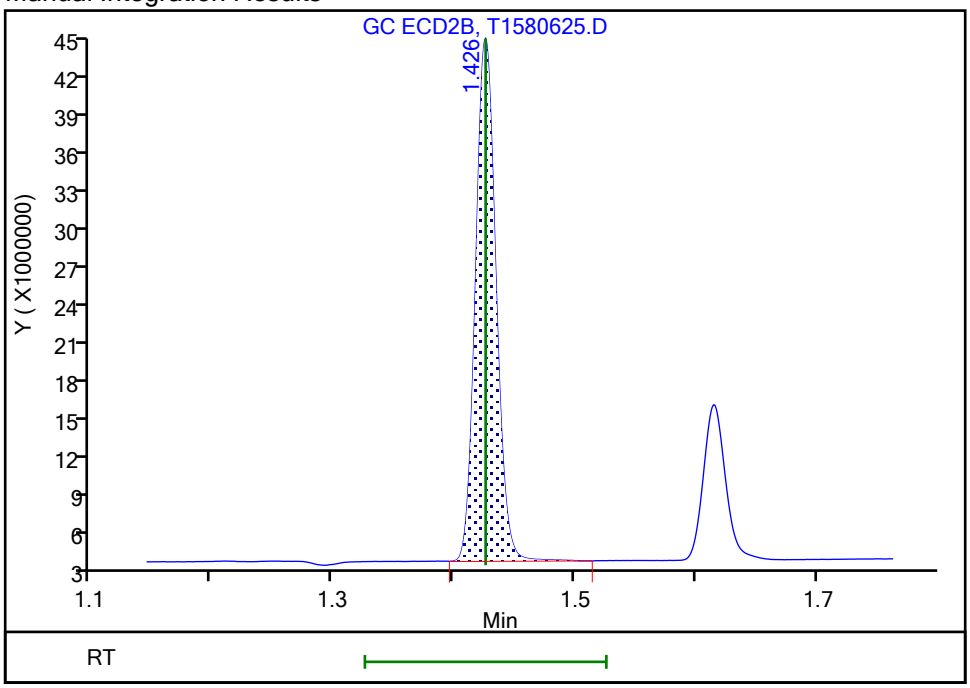
Processing Integration Results

RT: 1.43
Area: 48657850
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 46920267
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 28-Dec-2020 11:56:58
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Report Date: 28-Dec-2020 13:33:07 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580625.D

Injection Date: 28-Dec-2020 12:30:20 Instrument ID: CPESTGC11

Lims ID: IC 1221

Client ID:

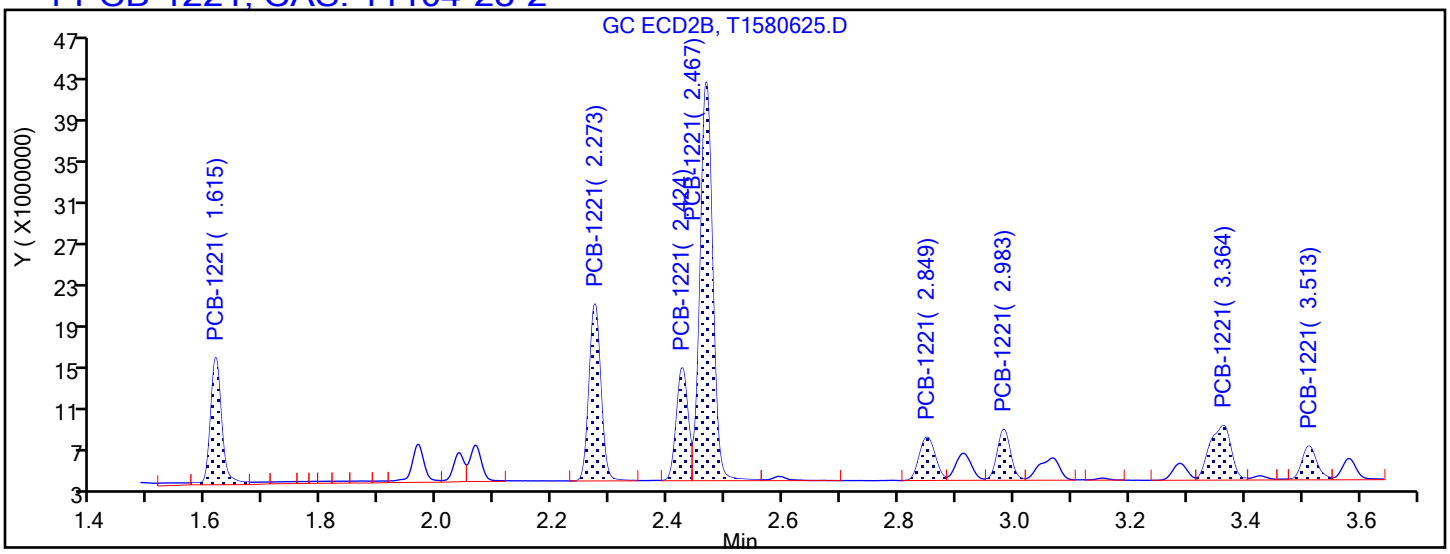
Operator ID: ALS Bottle#: 13 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

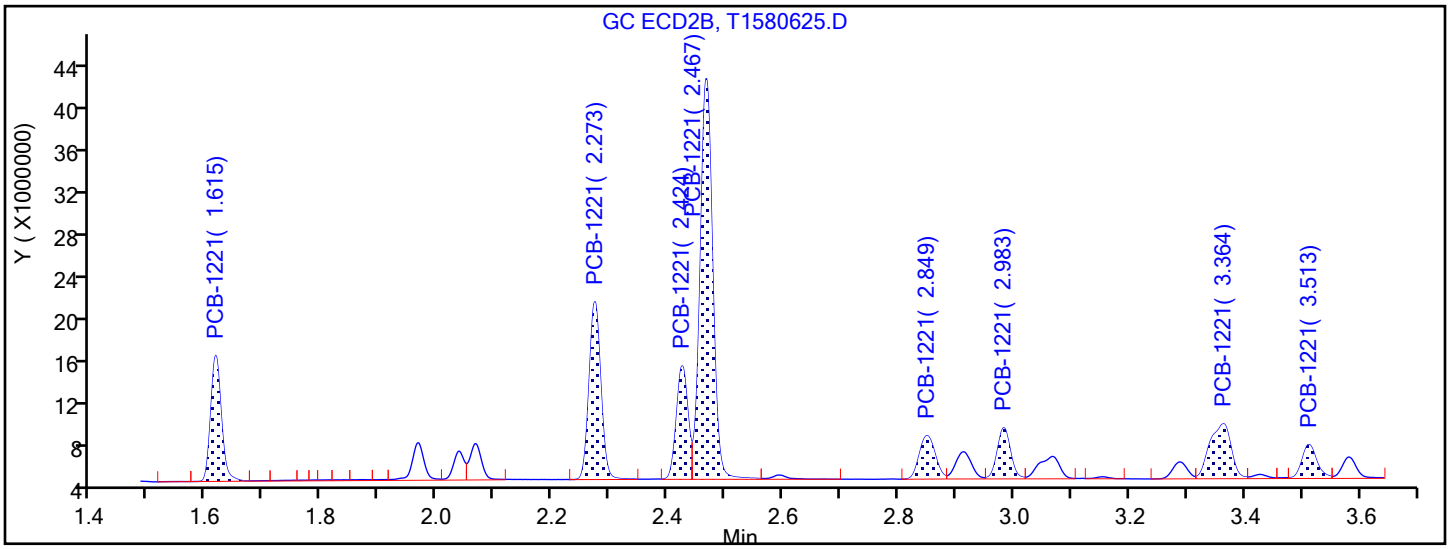
Column: Detector GC ECD2B

1 PCB-1221, CAS: 11104-28-2



Processing Integration Results

1.615	Response = 16426047
2.273	Response = 23756919
2.424	Response = 14897032
2.467	Response = 57022176
2.849	Response = 7897151
2.983	Response = 7727504
3.364	Response = 13361639
3.513	Response = 5797084



Manual Integration Results

1.615	Response = 15268782	M
2.273	Response = 23756919	
2.424	Response = 14897032	
2.467	Response = 57022176	
2.849	Response = 7897151	
2.983	Response = 7727504	

Calibration / PCB-1221 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

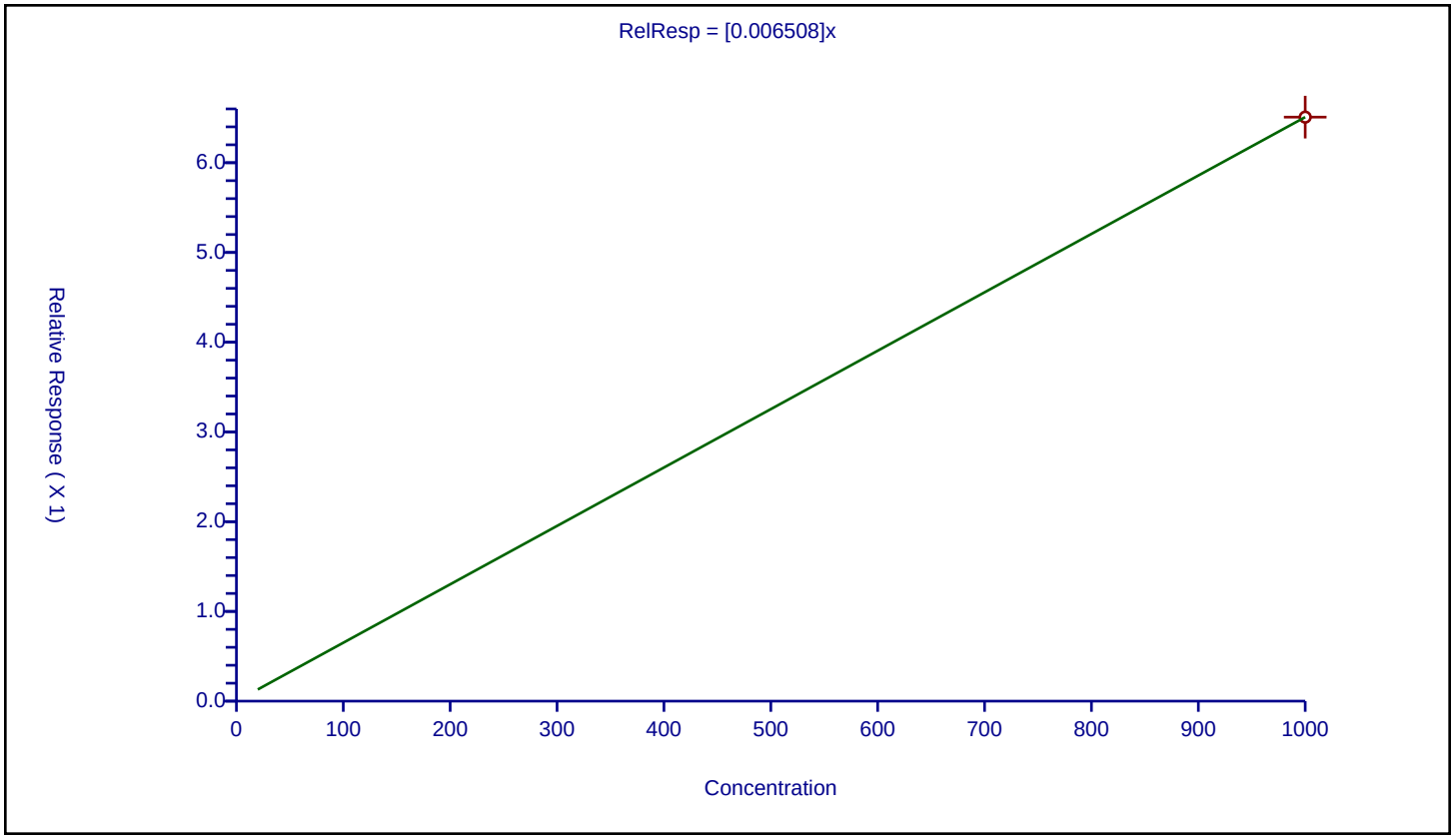
Curve Coefficients

Intercept:	0
Slope:	0.006508

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	6.508395	20.0	46920267.0	0.006508	Y



Calibration / PCB-1221 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

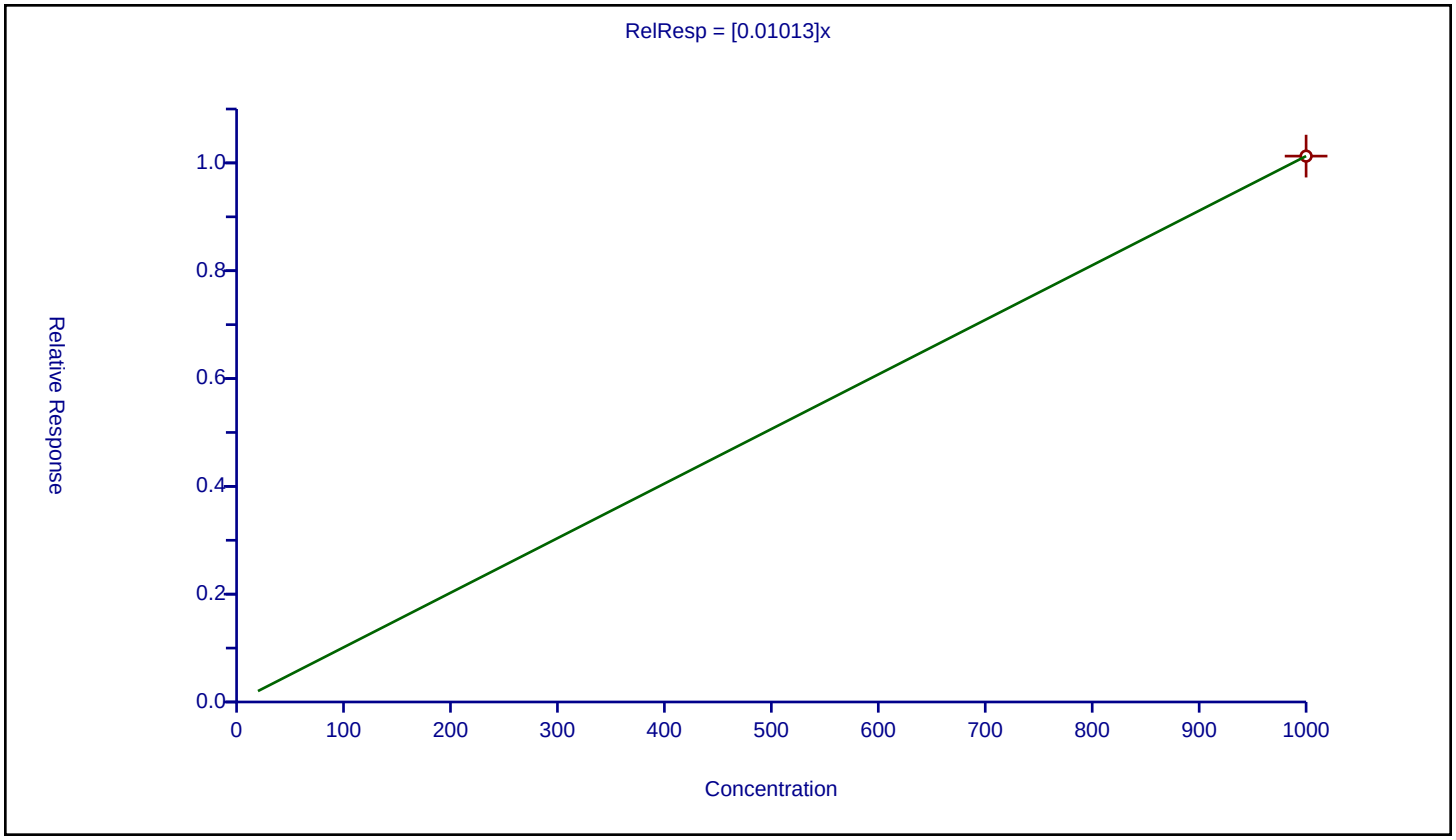
Curve Coefficients

Intercept:	0
Slope:	0.01013

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	10.126506	20.0	46920267.0	0.010127	Y



Calibration / PCB-1221 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

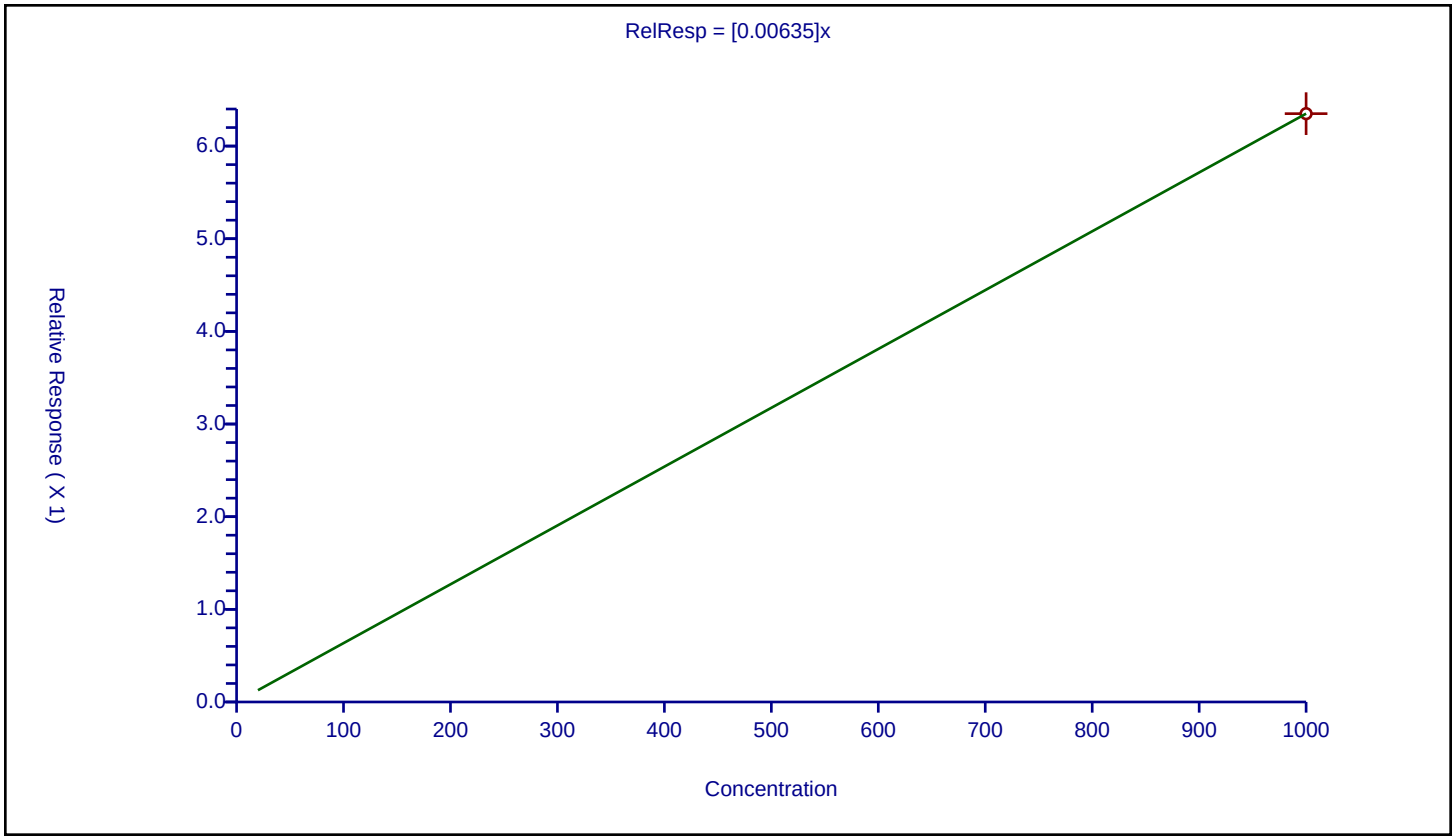
Curve Coefficients

Intercept:	0
Slope:	0.00635

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	6.349935	20.0	46920267.0	0.00635	Y



Calibration / PCB-1221 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

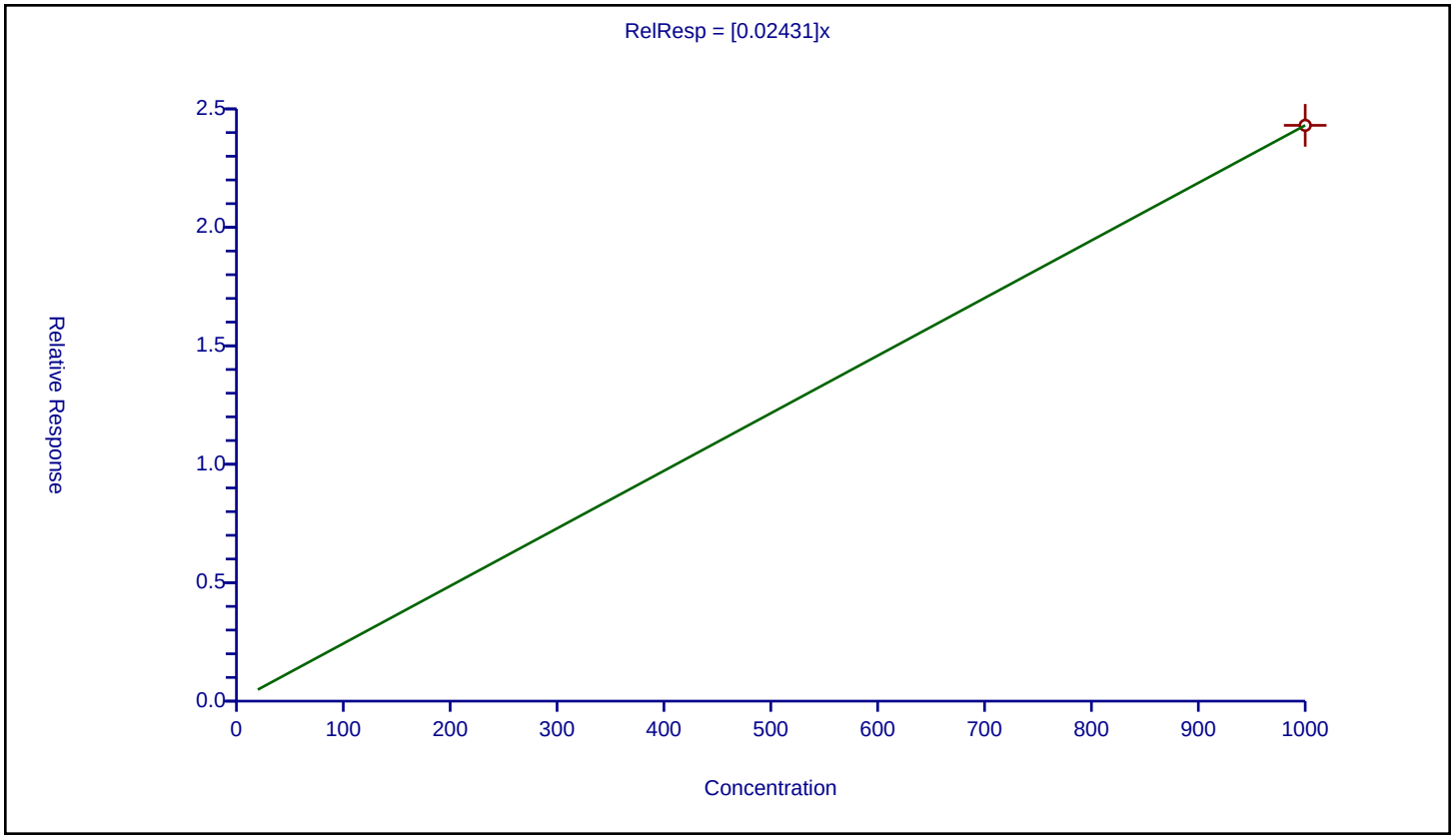
Curve Coefficients

Intercept:	0
Slope:	0.02431

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	24.30599	20.0	46920267.0	0.024306	Y



Calibration / PCB-1221 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

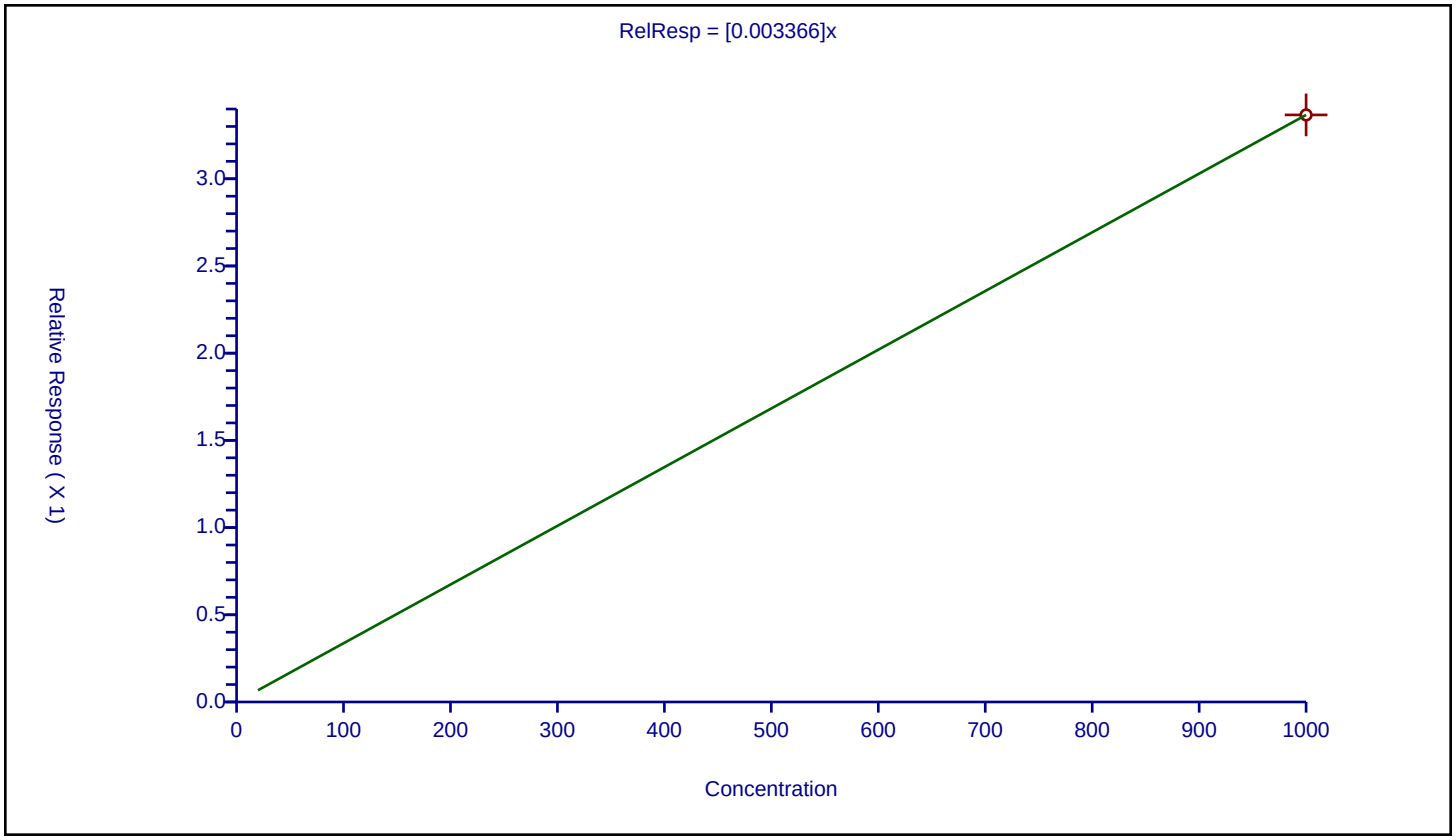
Curve Coefficients

Intercept:	0
Slope:	0.003366

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	3.3662	20.0	46920267.0	0.003366	Y



Calibration / PCB-1221 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

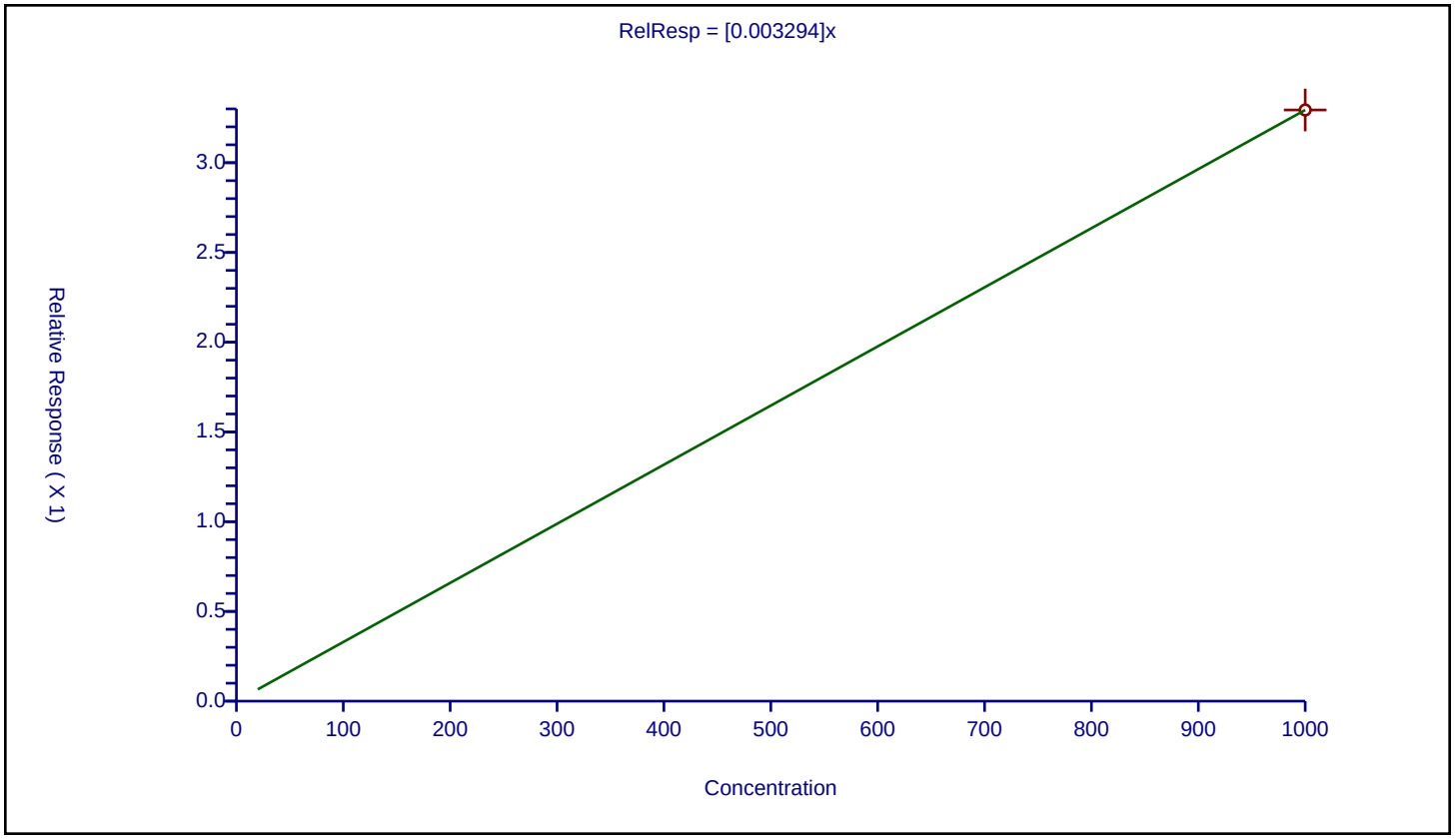
Curve Coefficients

Intercept:	0
Slope:	0.003294

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	3.293887	20.0	46920267.0	0.003294	Y



Calibration / PCB-1221 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

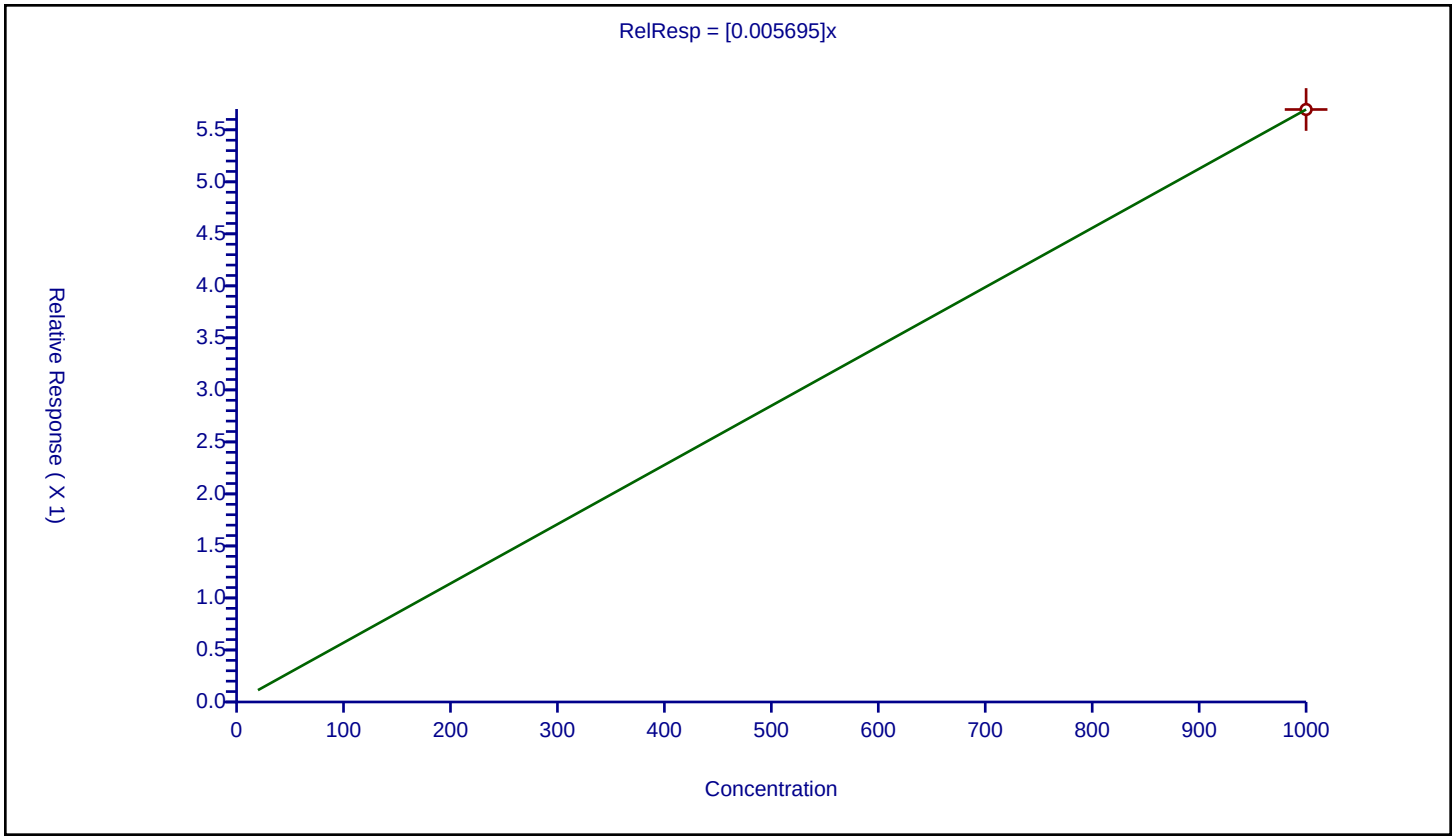
Curve Coefficients

Intercept:	0
Slope:	0.005695

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	5.695466	20.0	46920267.0	0.005695	Y



Calibration / PCB-1221 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

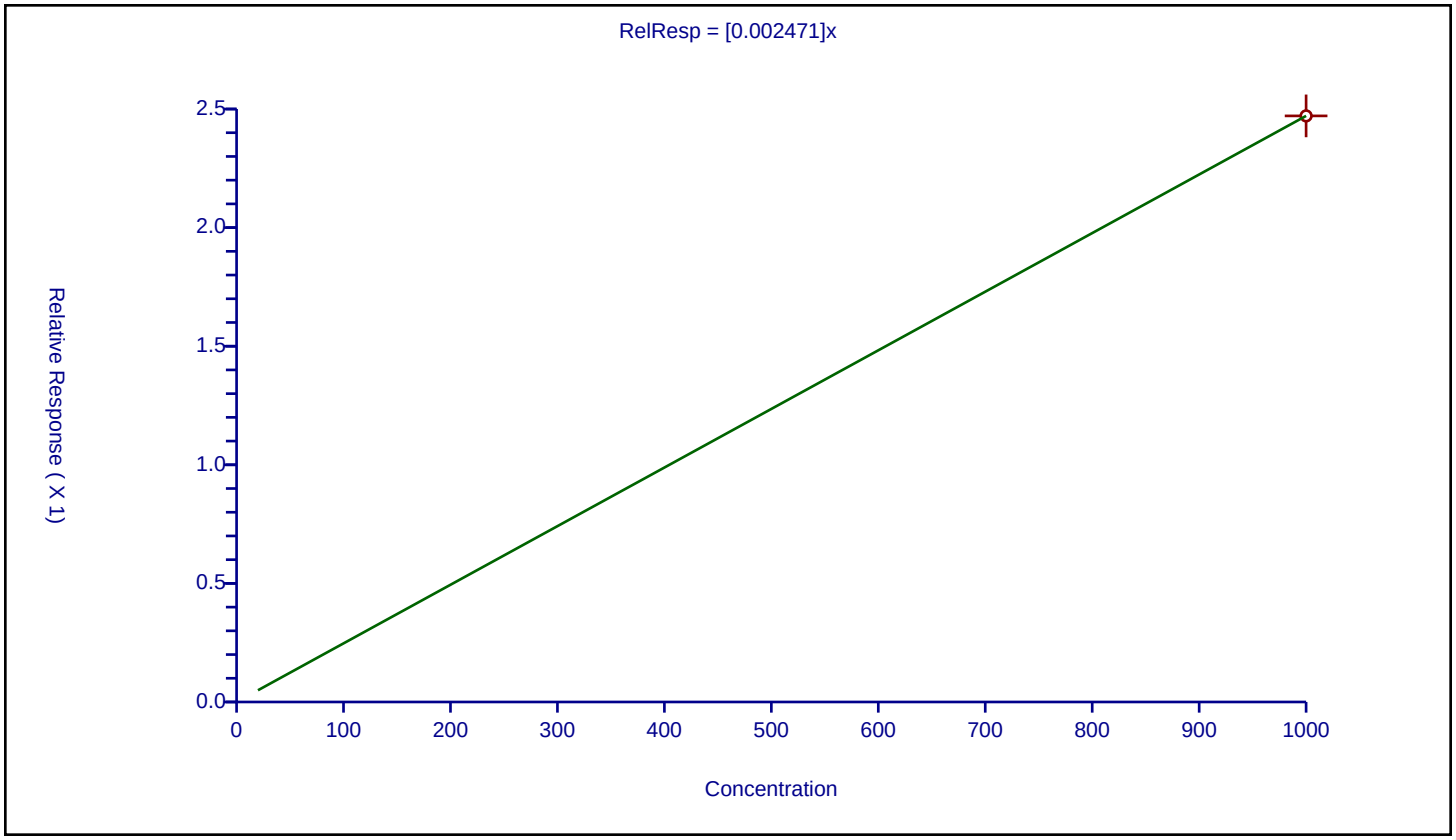
Curve Coefficients

Intercept:	0
Slope:	0.002471

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/8	1000.0	2.471036	20.0	46920267.0	0.002471	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 12:47 Calibration End Date: 12/28/2020 12:47 Calibration ID: 83244

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/9	T1580626.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0209					Ave		0.0209						20.0			
PCB-1232 Peak 2	0.0179					Ave		0.0179						20.0			
PCB-1232 Peak 3	0.0308					Ave		0.0308						20.0			
PCB-1232 Peak 4	0.0133					Ave		0.0133						20.0			
PCB-1232 Peak 5	0.0101					Ave		0.0101						20.0			
PCB-1232 Peak 6	0.0093					Ave		0.0093						20.0			
PCB-1232 Peak 7	0.0095					Ave		0.0095						20.0			
PCB-1232 Peak 8	0.0109					Ave		0.0109						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 12:47 Calibration End Date: 12/28/2020 12:47 Calibration ID: 83244

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/9	T1580626.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	47468859					1000				
PCB-1232 Peak 2	BNB	Ave	40651264					1000				
PCB-1232 Peak 3	BNB	Ave	69805999					1000				
PCB-1232 Peak 4	BNB	Ave	30195411					1000				
PCB-1232 Peak 5	BNB	Ave	22819673					1000				
PCB-1232 Peak 6	BNB	Ave	21158686					1000				
PCB-1232 Peak 7	BNB	Ave	21469053					1000				
PCB-1232 Peak 8	BNB	Ave	24774949					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580626.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 12:47:25 ALS Bottle#: 14 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-009
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub4

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:09 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 12:42:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.702	1.702	0.000	45379389	20.0	20.0	
2	1.425	1.425	0.000	48243827	20.0	20.0	M
						RPD = 0.00	
3 PCB-1232							M
1	3.309	3.309	0.000	47468859	1000.0	1000.0	M
1	3.820	3.820	0.000	40651264	1000.0	1000.0	M
1	4.393	4.393	0.000	69805999	1000.0	1000.0	M
1	4.563	4.563	0.000	30195411	1000.0	1000.0	M
1	4.690	4.690	0.000	22819673	1000.0	1000.0	M
1	5.152	5.152	0.000	21158686	1000.0	1000.0	M
1	5.641	5.641	0.000	21469053	1000.0	1000.0	M
1	5.699	5.699	0.000	24774949	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.466	2.466	0.000	46523703	1000.0	1000.0	M
2	2.848	2.848	0.000	37348828	1000.0	1000.0	M
2	3.067	3.067	0.000	26090801	1000.0	1000.0	M
2	3.362	3.362	0.000	79428121	1000.0	1000.0	M
2	3.513	3.513	0.000	32976196	1000.0	1000.0	M
2	3.581	3.581	0.000	20677830	1000.0	1000.0	M
2	3.983	3.983	0.000	31168344	1000.0	1000.0	M
2	4.504	4.504	0.000	46319201	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

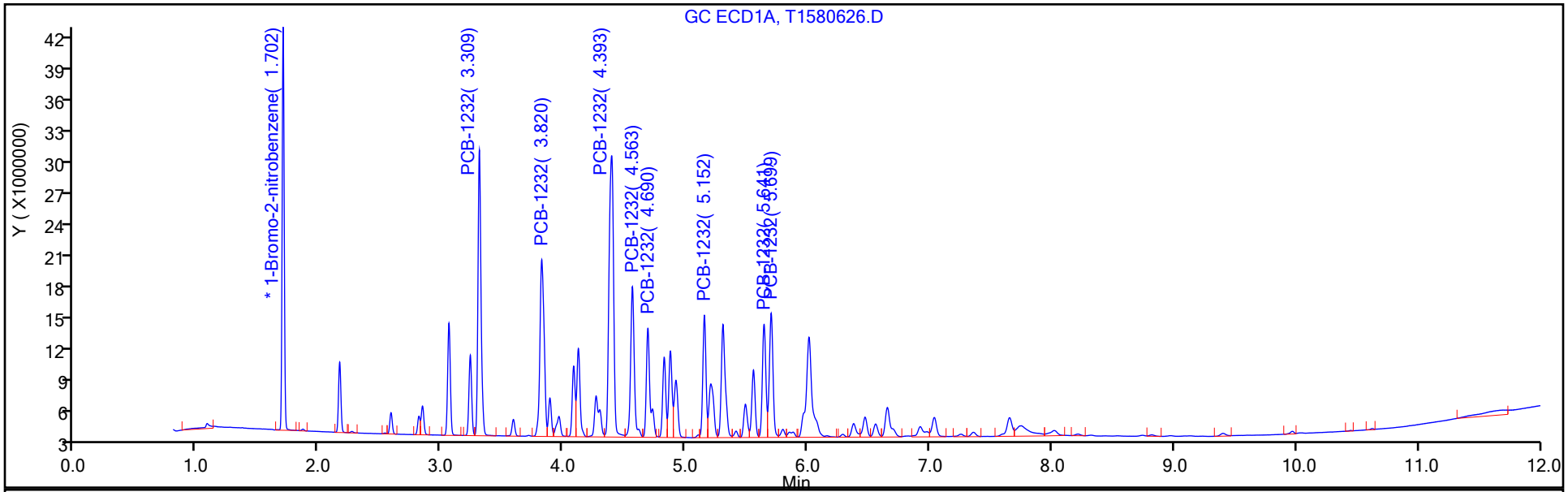
SG1232L4_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

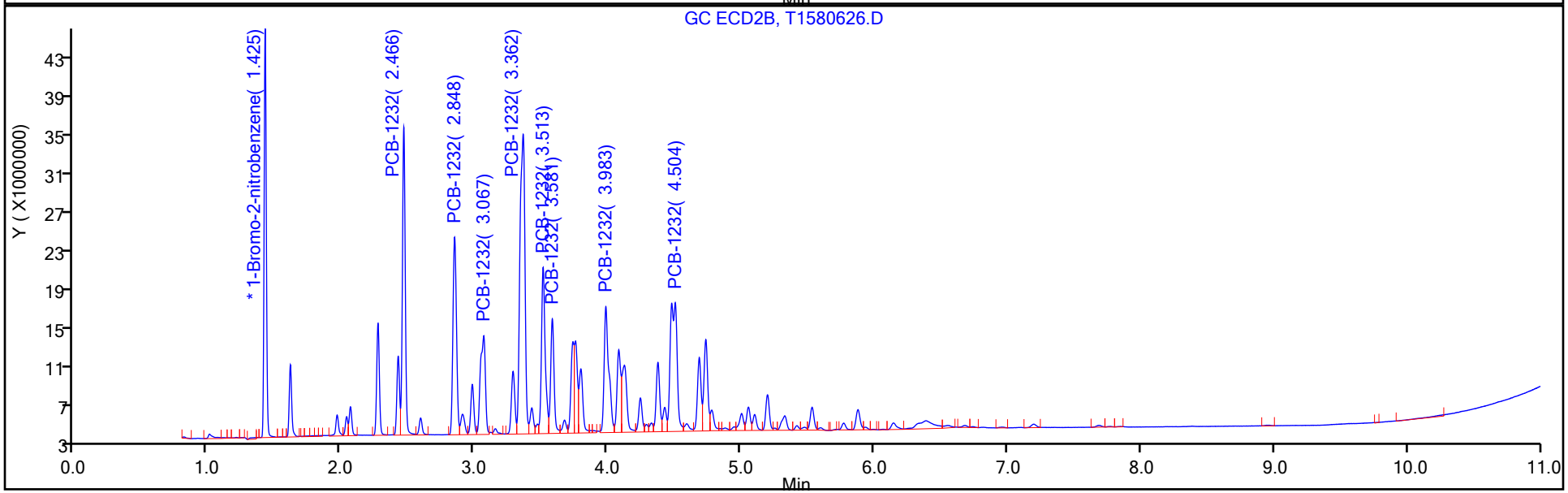
Report Date: 28-Dec-2020 13:33:09 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580626.D

Injection Date:	28-Dec-2020 12:47:25	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1232			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 28-Dec-2020 13:33:09 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580626.D

Injection Date: 28-Dec-2020 12:47:25 Instrument ID: CPESTGC11

Lims ID: IC 1232

Client ID:

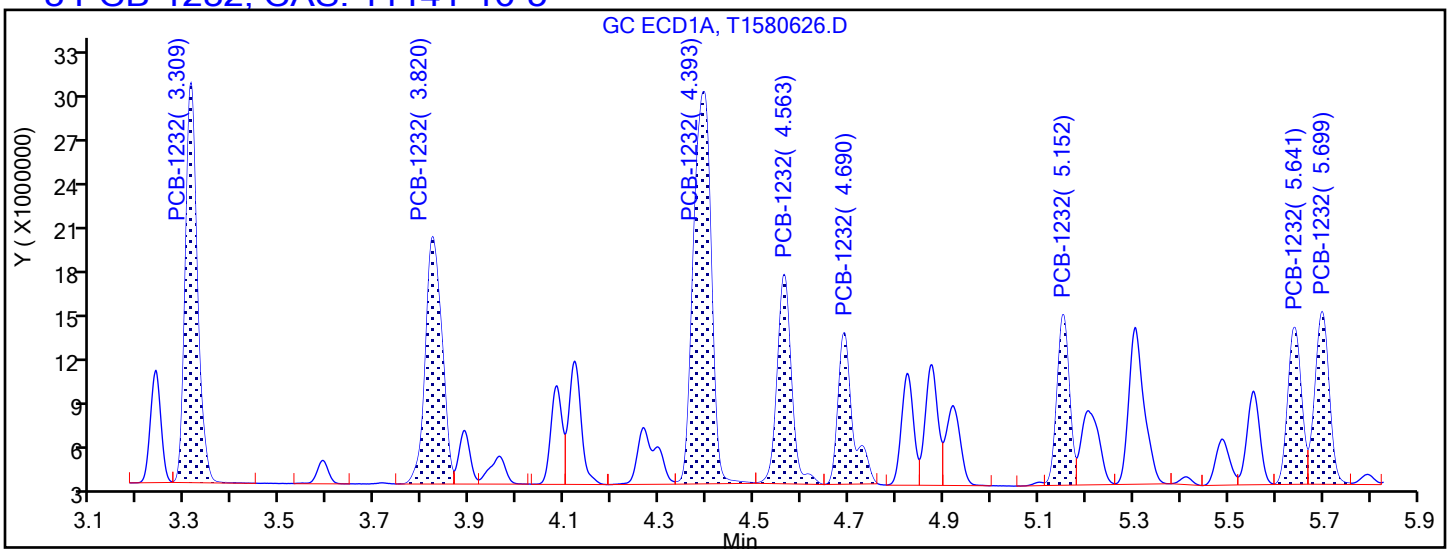
Operator ID: ALS Bottle#: 14 Worklist Smp#: 9

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

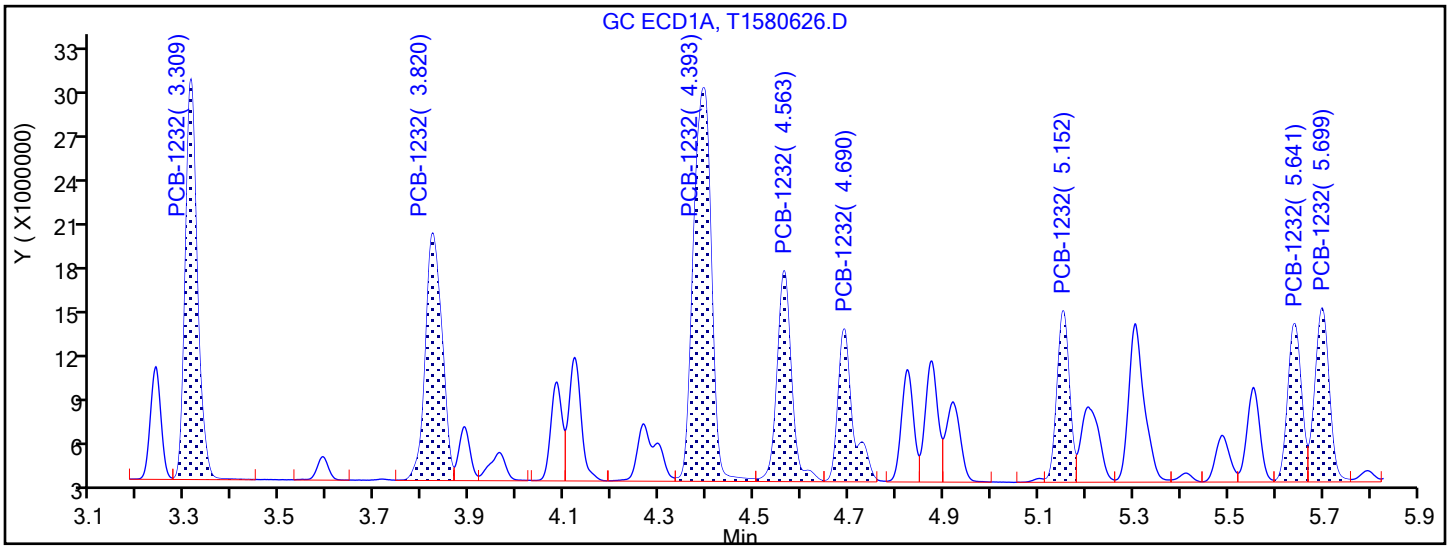
Column: Detector GC ECD1A

3 PCB-1232, CAS: 11141-16-5



Processing Integration Results

3.309	Response = 47139814
3.820	Response = 40543042
4.393	Response = 68839518
4.563	Response = 29333387
4.690	Response = 22176593
5.152	Response = 20957059
5.641	Response = 21078527
5.699	Response = 24284286



Manual Integration Results

3.309	Response = 47468859	M
3.820	Response = 40651264	M
4.393	Response = 69805999	M
4.563	Response = 30195411	M
4.690	Response = 22819673	M
5.152	Response = 21158686	M

Calibration / PCB-1232 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

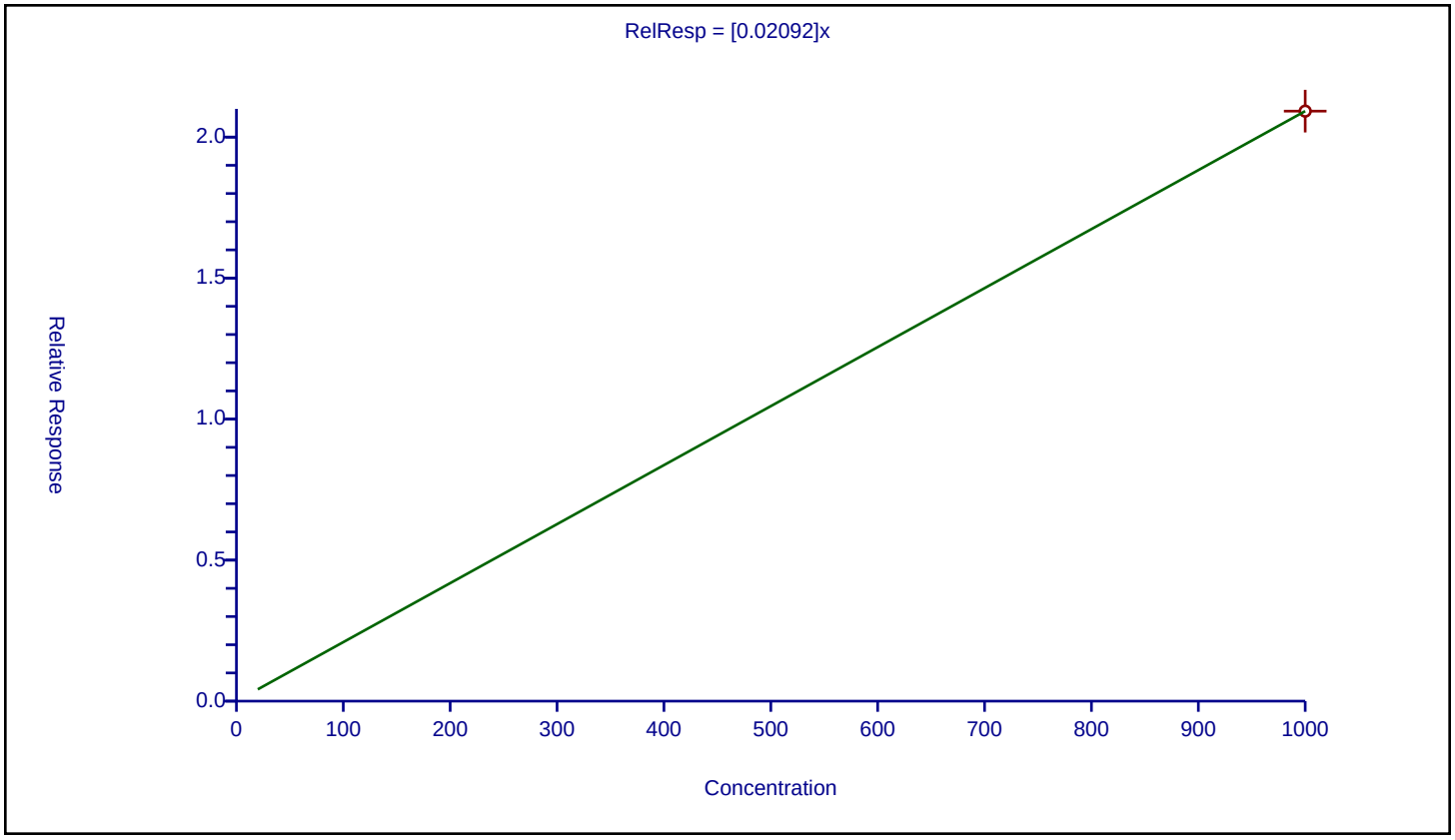
Curve Coefficients

Intercept:	0
Slope:	0.02092

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	20.920889	20.0	45379389.0	0.020921	Y



Calibration / PCB-1232 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

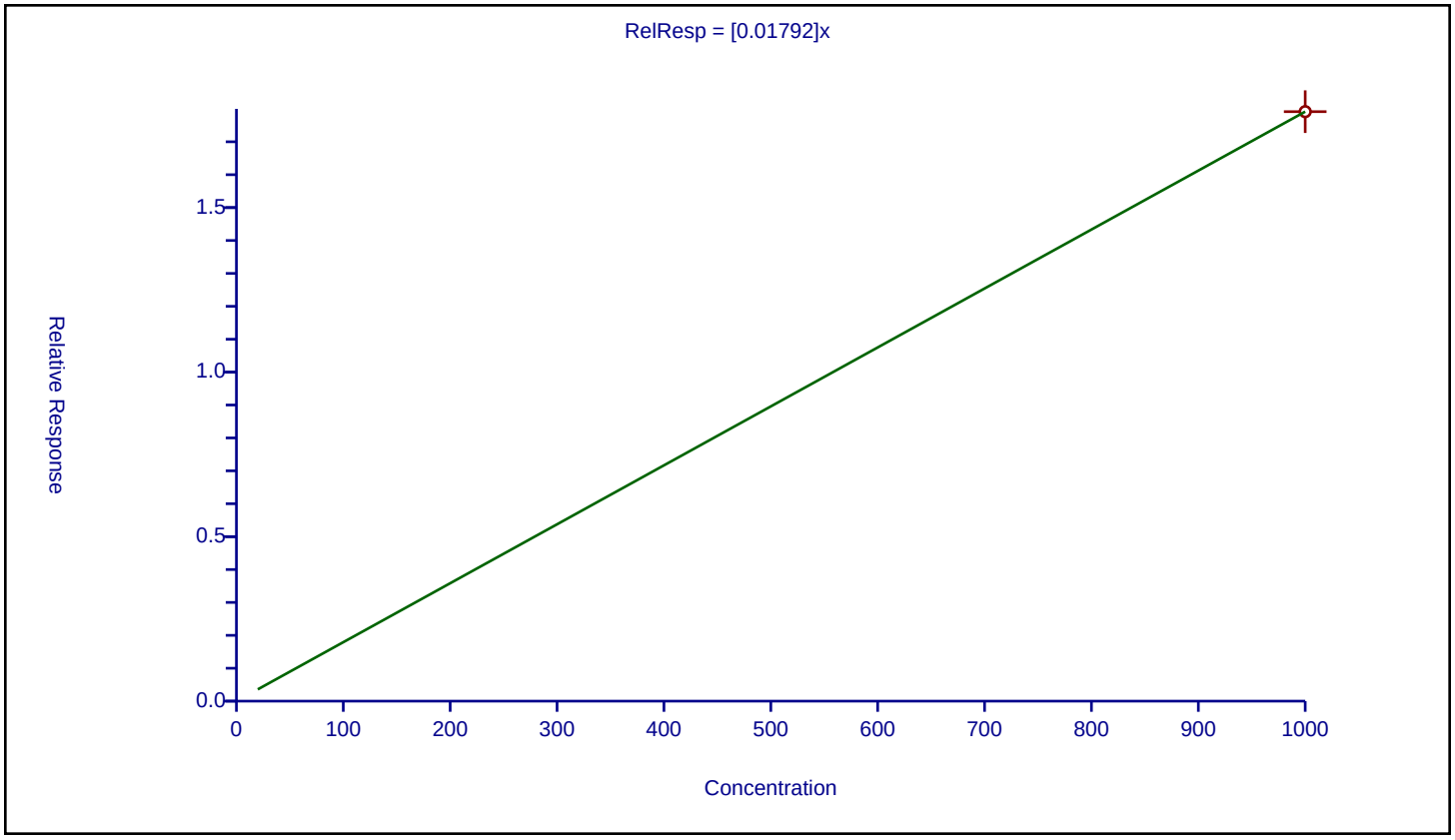
Curve Coefficients

Intercept:	0
Slope:	0.01792

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	17.91618	20.0	45379389.0	0.017916	Y



Calibration / PCB-1232 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

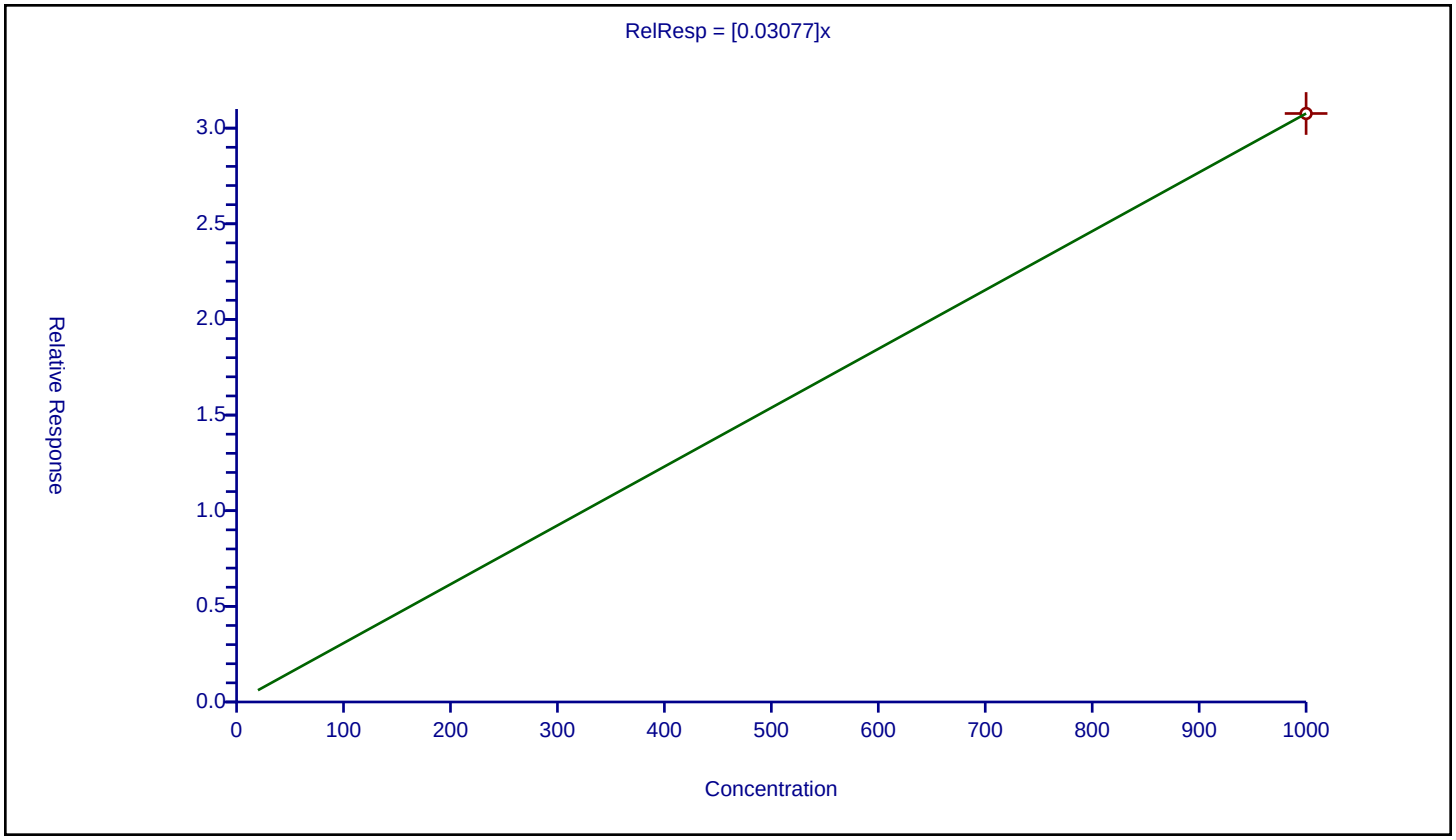
Curve Coefficients

Intercept:	0
Slope:	0.03077

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	1.00

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	30.765509	20.0	45379389.0	0.030766	Y



Calibration / PCB-1232 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

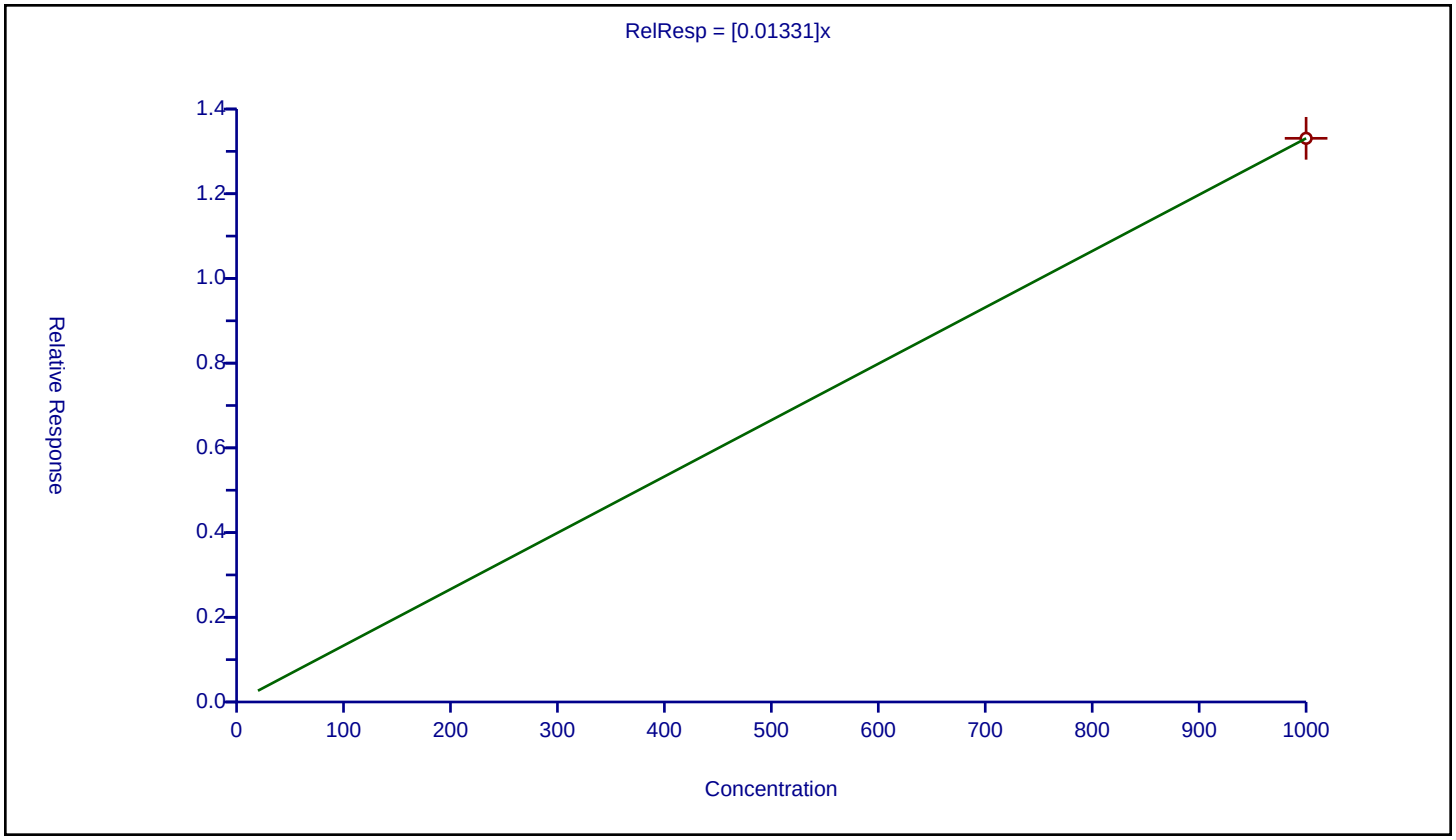
Curve Coefficients

Intercept:	0
Slope:	0.01331

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	13.307985	20.0	45379389.0	0.013308	Y



Calibration / PCB-1232 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

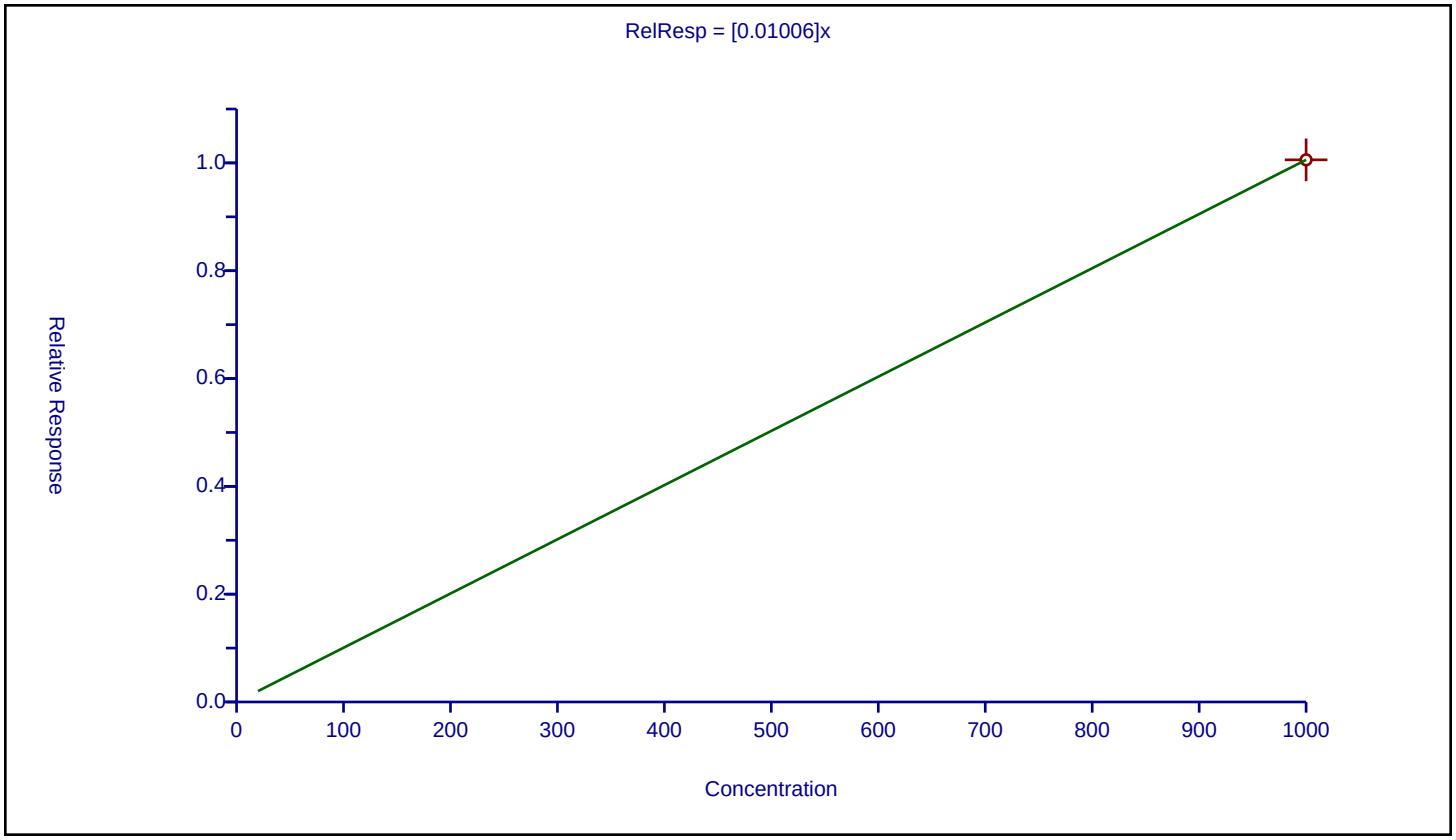
Curve Coefficients

Intercept:	0
Slope:	0.01006

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	10.057285	20.0	45379389.0	0.010057	Y



Calibration / PCB-1232 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

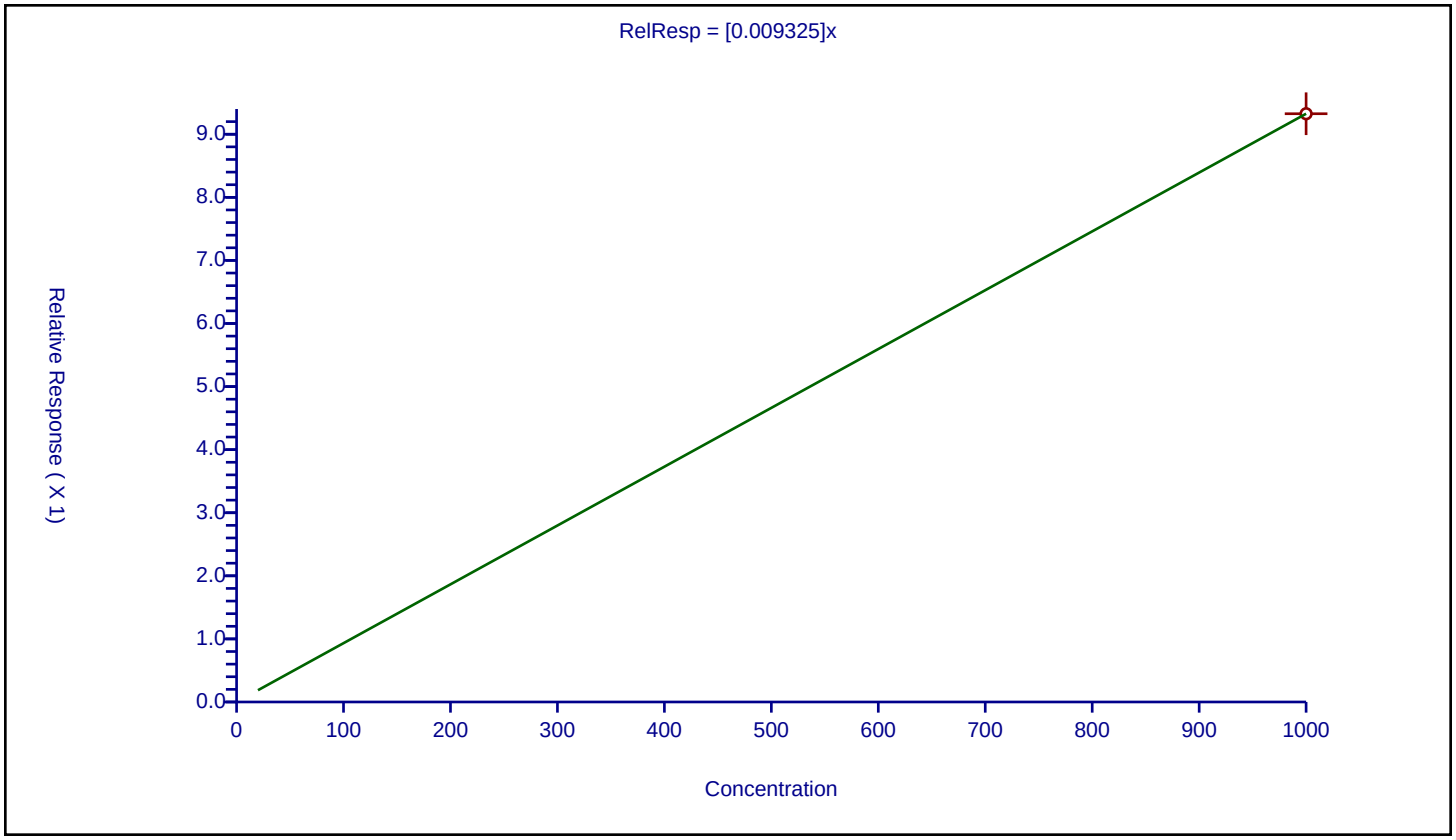
Curve Coefficients

Intercept:	0
Slope:	0.009325

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	9.325241	20.0	45379389.0	0.009325	Y



Calibration / PCB-1232 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

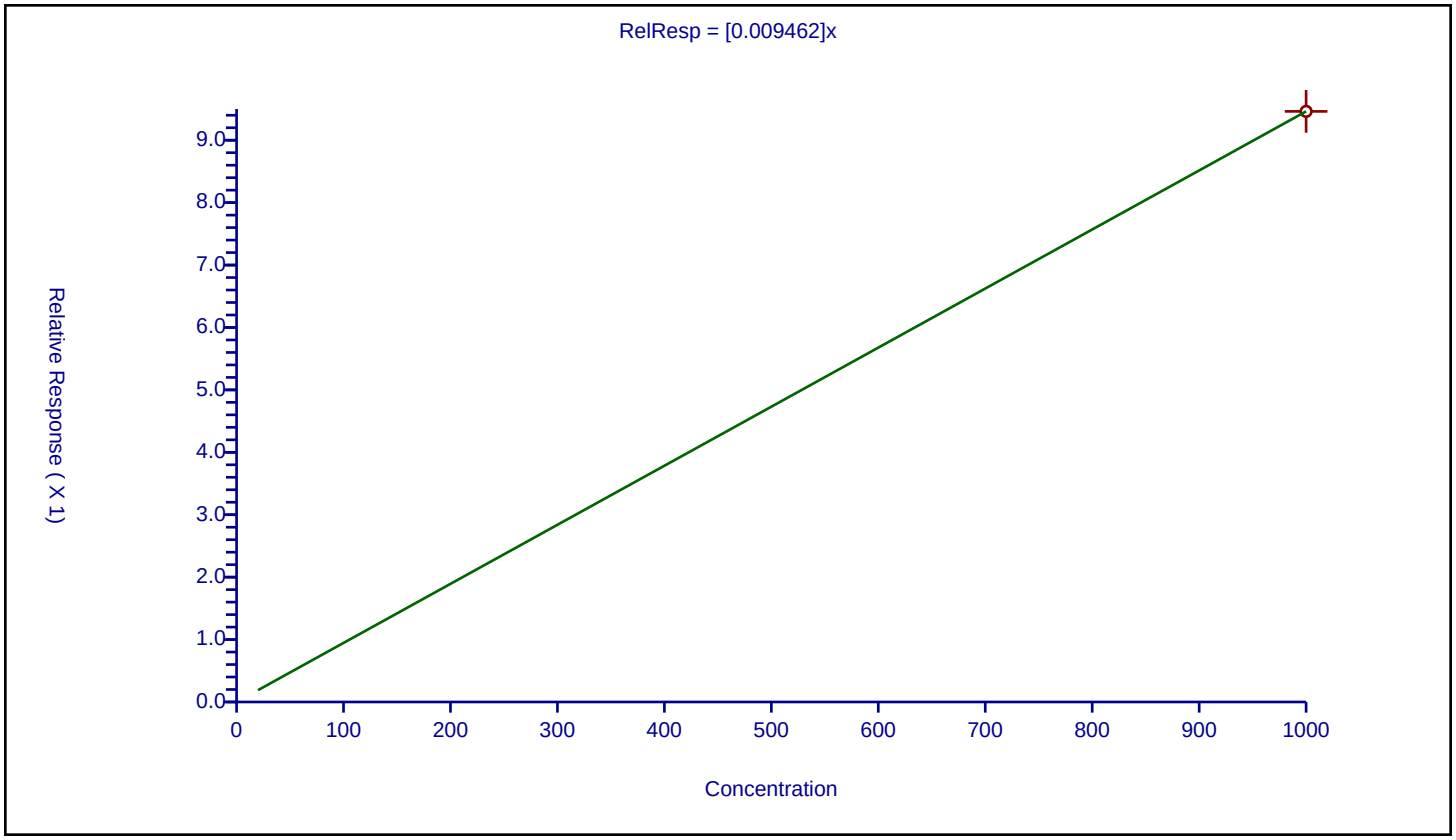
Curve Coefficients

Intercept:	0
Slope:	0.009462

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	9.462028	20.0	45379389.0	0.009462	Y



Calibration / PCB-1232 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

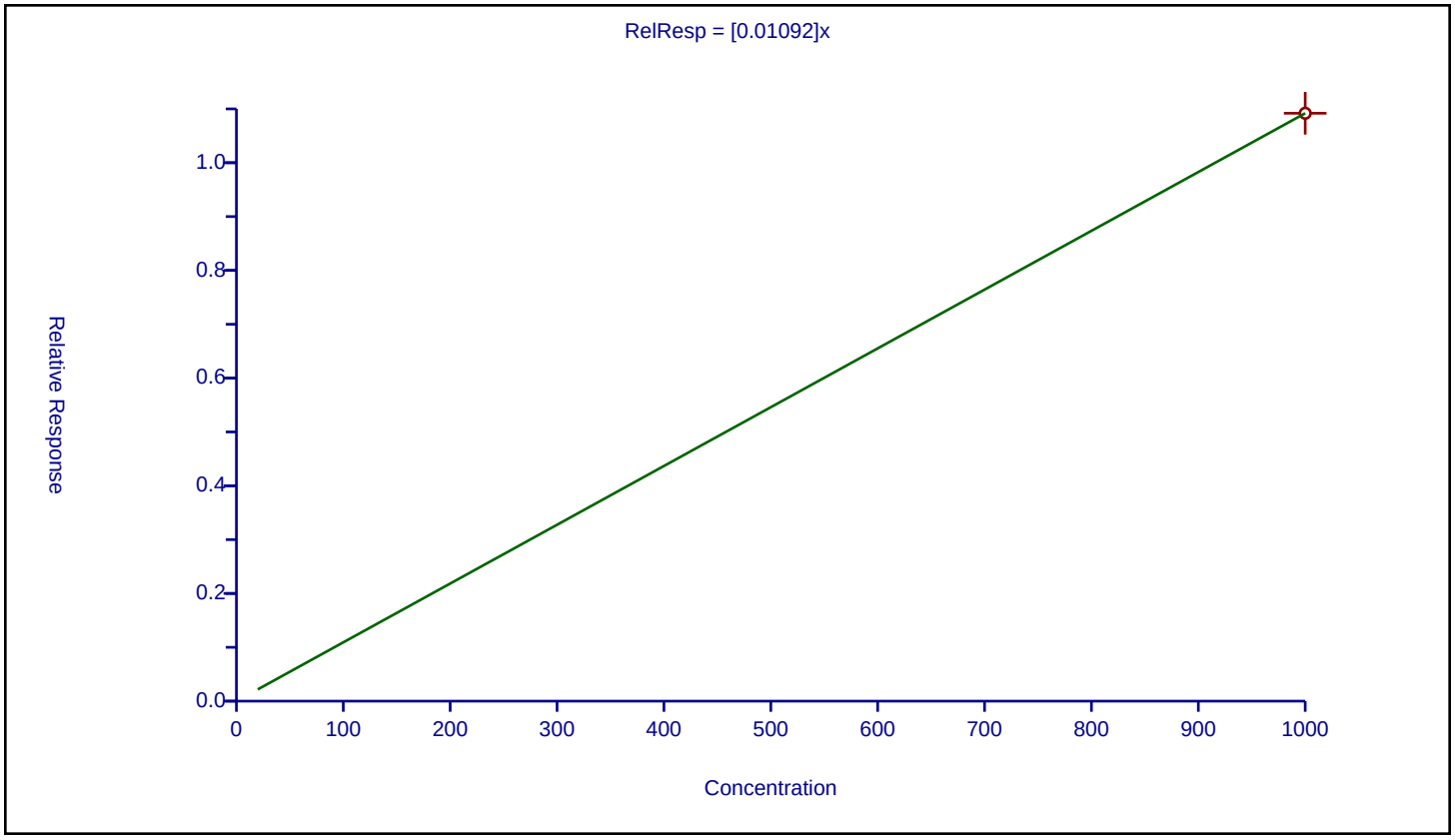
Curve Coefficients

Intercept:	0
Slope:	0.01092

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	10.919032	20.0	45379389.0	0.010919	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 12:47 Calibration End Date: 12/28/2020 12:47 Calibration ID: 83245

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/9	T1580626.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0193					Ave		0.0193						20.0			
PCB-1232 Peak 2	0.0155					Ave		0.0155						20.0			
PCB-1232 Peak 3	0.0108					Ave		0.0108						20.0			
PCB-1232 Peak 4	0.0329					Ave		0.0329						20.0			
PCB-1232 Peak 5	0.0137					Ave		0.0137						20.0			
PCB-1232 Peak 6	0.0086					Ave		0.0086						20.0			
PCB-1232 Peak 7	0.0129					Ave		0.0129						20.0			
PCB-1232 Peak 8	0.0192					Ave		0.0192						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 12:47 Calibration End Date: 12/28/2020 12:47 Calibration ID: 83245

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/9	T1580626.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	46523703					1000				
PCB-1232 Peak 2	BNB	Ave	37348828					1000				
PCB-1232 Peak 3	BNB	Ave	26090801					1000				
PCB-1232 Peak 4	BNB	Ave	79428121					1000				
PCB-1232 Peak 5	BNB	Ave	32976196					1000				
PCB-1232 Peak 6	BNB	Ave	20677830					1000				
PCB-1232 Peak 7	BNB	Ave	31168344					1000				
PCB-1232 Peak 8	BNB	Ave	46319201					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580626.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 12:47:25 ALS Bottle#: 14 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-009
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub4

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:09 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 12:42:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.702	1.702	0.000	45379389	20.0	20.0	
2	1.425	1.425	0.000	48243827	20.0	20.0	M
						RPD = 0.00	
3 PCB-1232							M
1	3.309	3.309	0.000	47468859	1000.0	1000.0	M
1	3.820	3.820	0.000	40651264	1000.0	1000.0	M
1	4.393	4.393	0.000	69805999	1000.0	1000.0	M
1	4.563	4.563	0.000	30195411	1000.0	1000.0	M
1	4.690	4.690	0.000	22819673	1000.0	1000.0	M
1	5.152	5.152	0.000	21158686	1000.0	1000.0	M
1	5.641	5.641	0.000	21469053	1000.0	1000.0	M
1	5.699	5.699	0.000	24774949	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.466	2.466	0.000	46523703	1000.0	1000.0	M
2	2.848	2.848	0.000	37348828	1000.0	1000.0	M
2	3.067	3.067	0.000	26090801	1000.0	1000.0	M
2	3.362	3.362	0.000	79428121	1000.0	1000.0	M
2	3.513	3.513	0.000	32976196	1000.0	1000.0	M
2	3.581	3.581	0.000	20677830	1000.0	1000.0	M
2	3.983	3.983	0.000	31168344	1000.0	1000.0	M
2	4.504	4.504	0.000	46319201	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1232L4_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:33:09 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580626.D

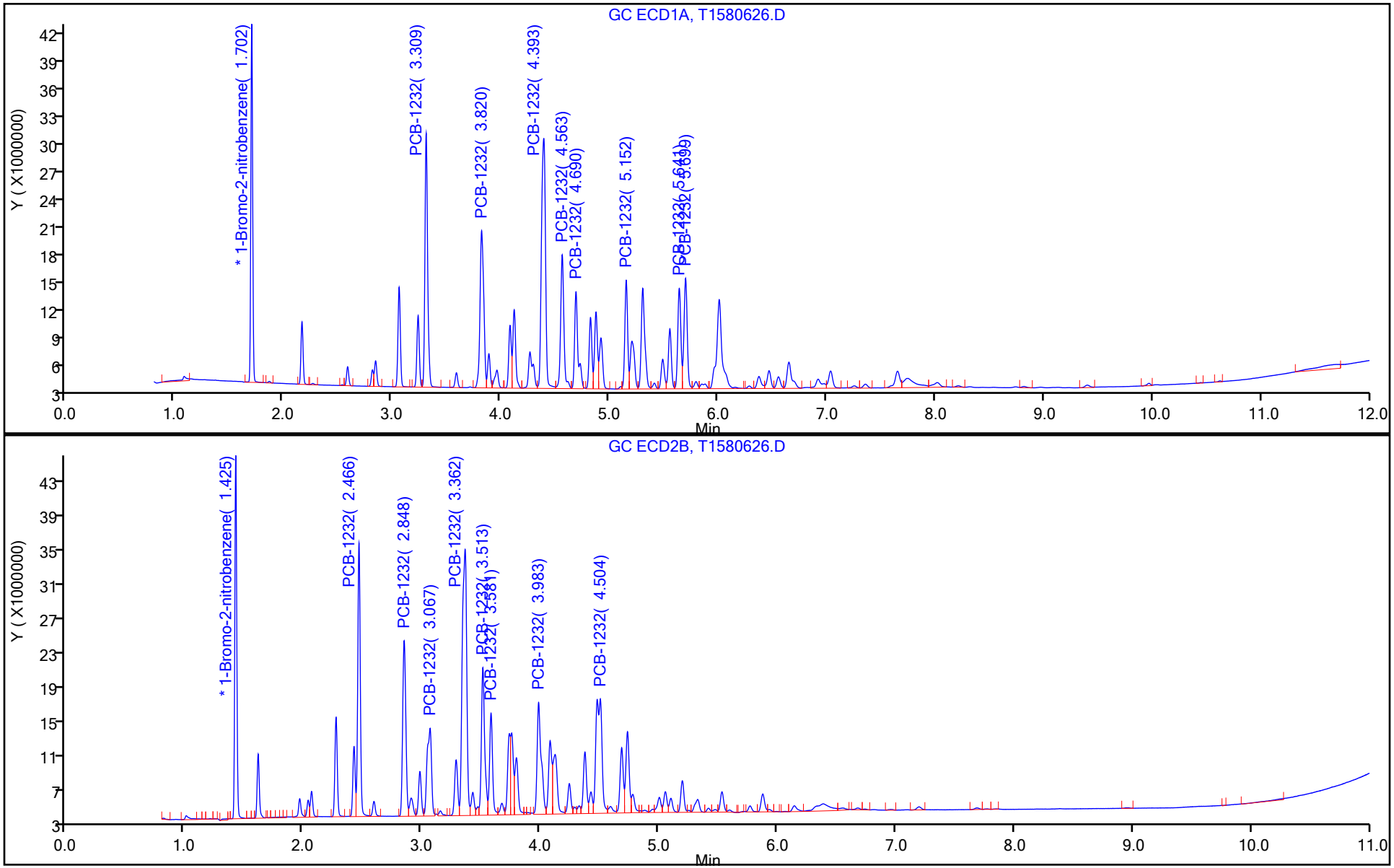
Injection Date: 28-Dec-2020 12:47:25 Instrument ID: CPESTGC11 Operator ID:

Lims ID: IC 1232 Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 14

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



Eurofins TestAmerica, Edison

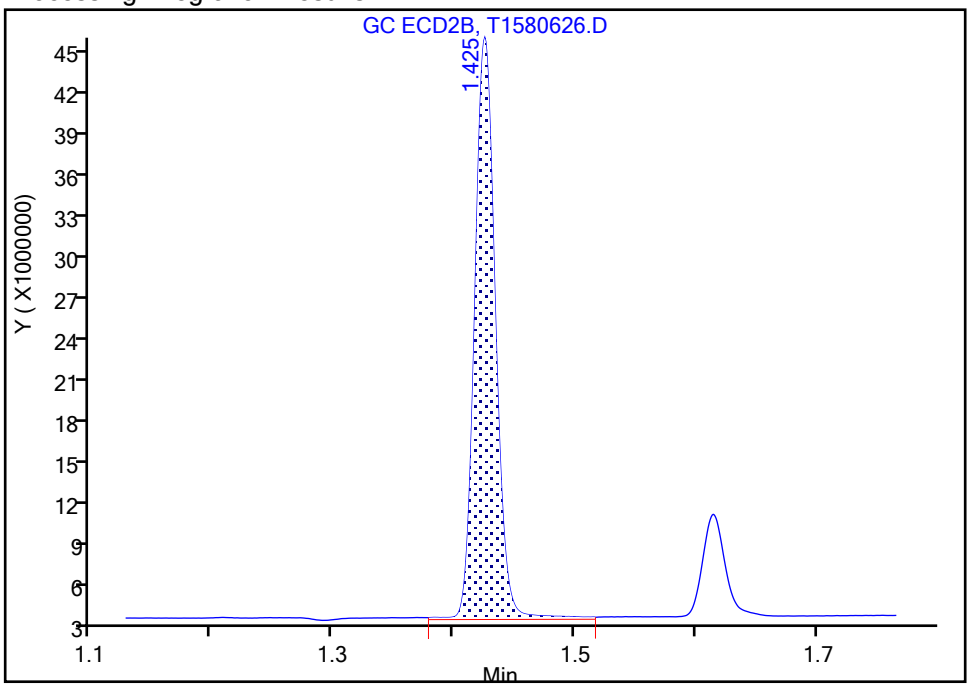
Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580626.D
Injection Date: 28-Dec-2020 12:47:25 Instrument ID: CPESTGC11
Lims ID: IC 1232
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

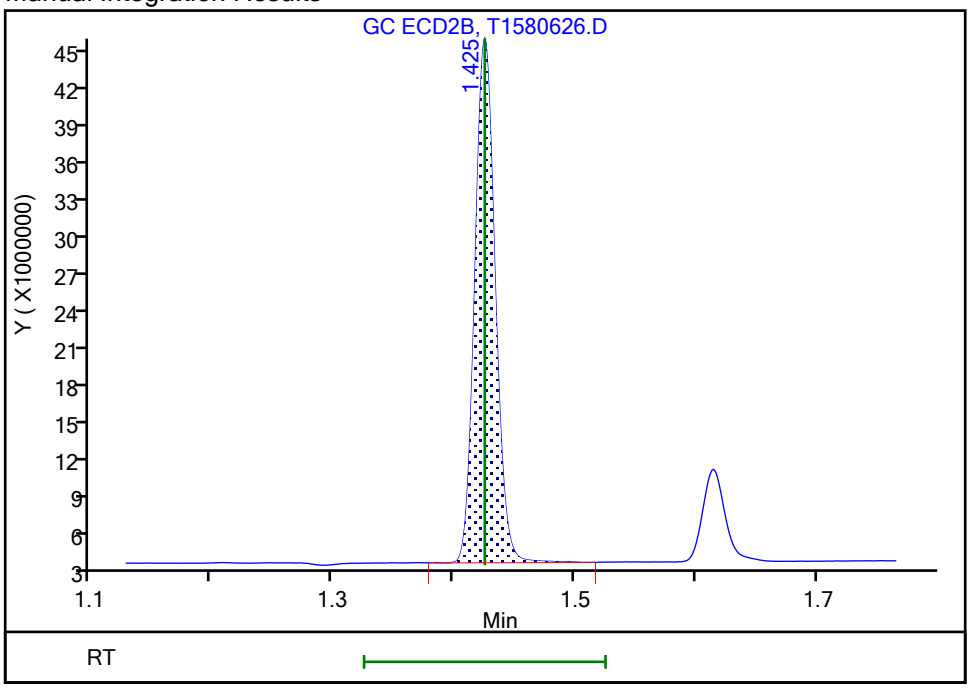
Processing Integration Results

RT: 1.43
Area: 49342054
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 48243827
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 28-Dec-2020 12:42:17
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Report Date: 28-Dec-2020 13:33:09 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580626.D

Injection Date: 28-Dec-2020 12:47:25 Instrument ID: CPESTGC11

Lims ID: IC 1232

Client ID:

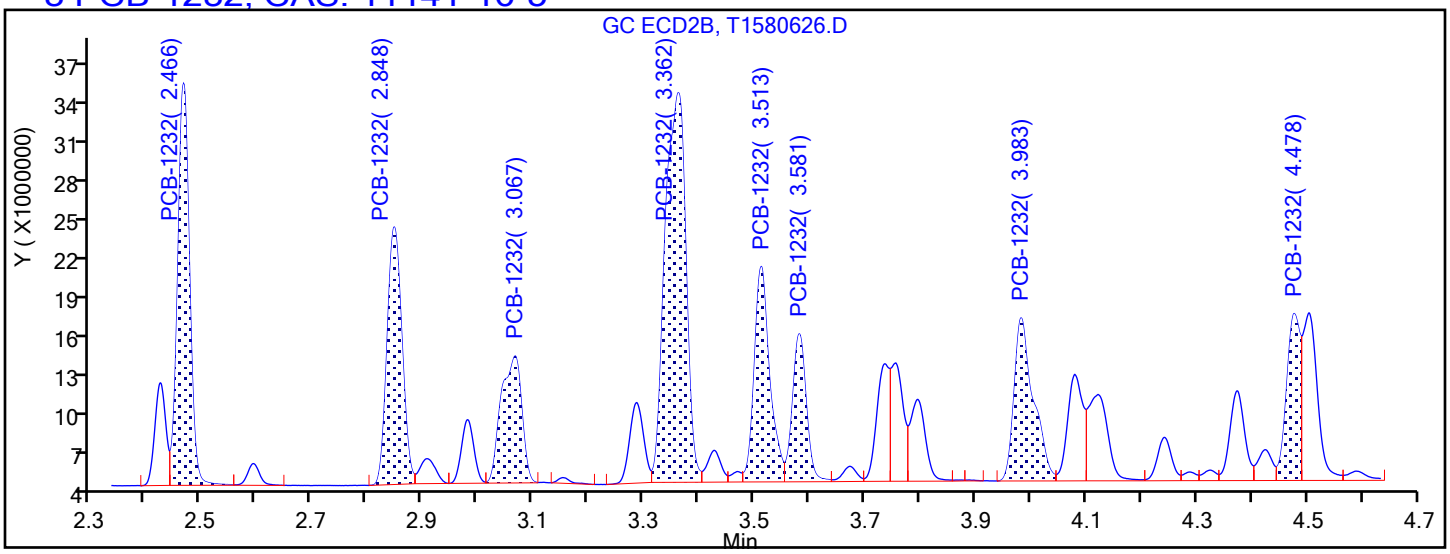
Operator ID: ALS Bottle#: 14 Worklist Smp#: 9

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

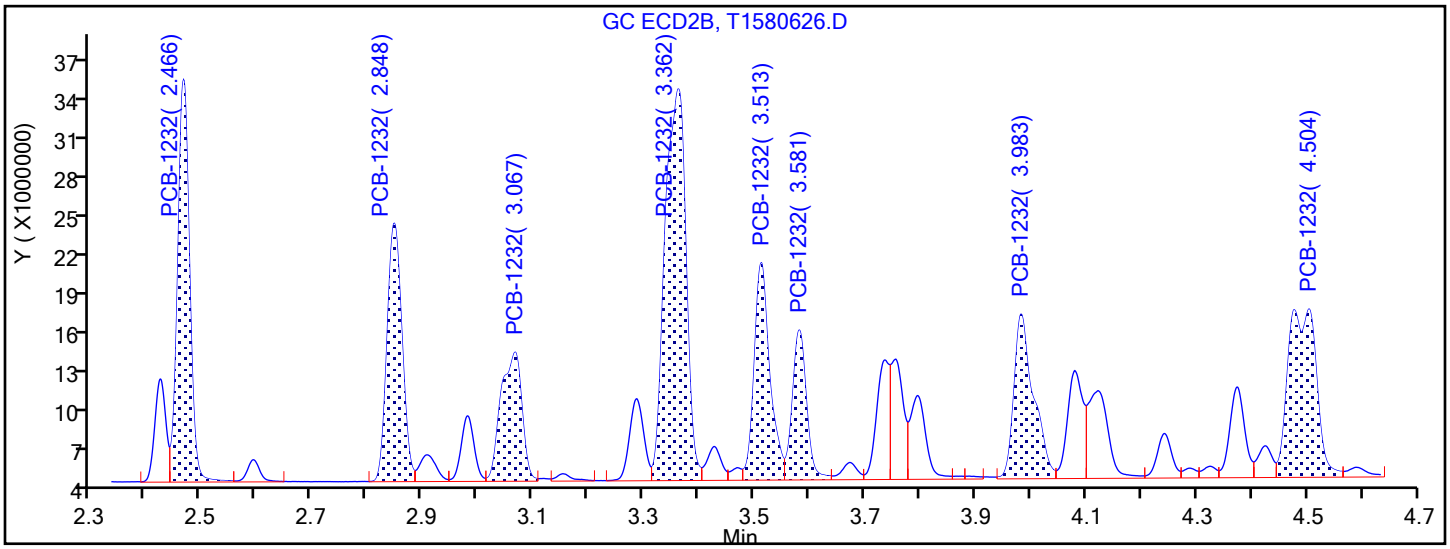
Column: Detector GC ECD2B

3 PCB-1232, CAS: 11141-16-5



Processing Integration Results

2.466	Response = 46209465
2.848	Response = 36980201
3.067	Response = 25153288
3.362	Response = 78535098
3.513	Response = 32246938
3.581	Response = 19893167
3.983	Response = 30346066
4.478	Response = 22049870



Manual Integration Results

2.466	Response = 46523703	M
2.848	Response = 37348828	M
3.067	Response = 26090801	M
3.362	Response = 79428121	M
3.513	Response = 32976196	M
3.581	Response = 20677830	M

Calibration / PCB-1232 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

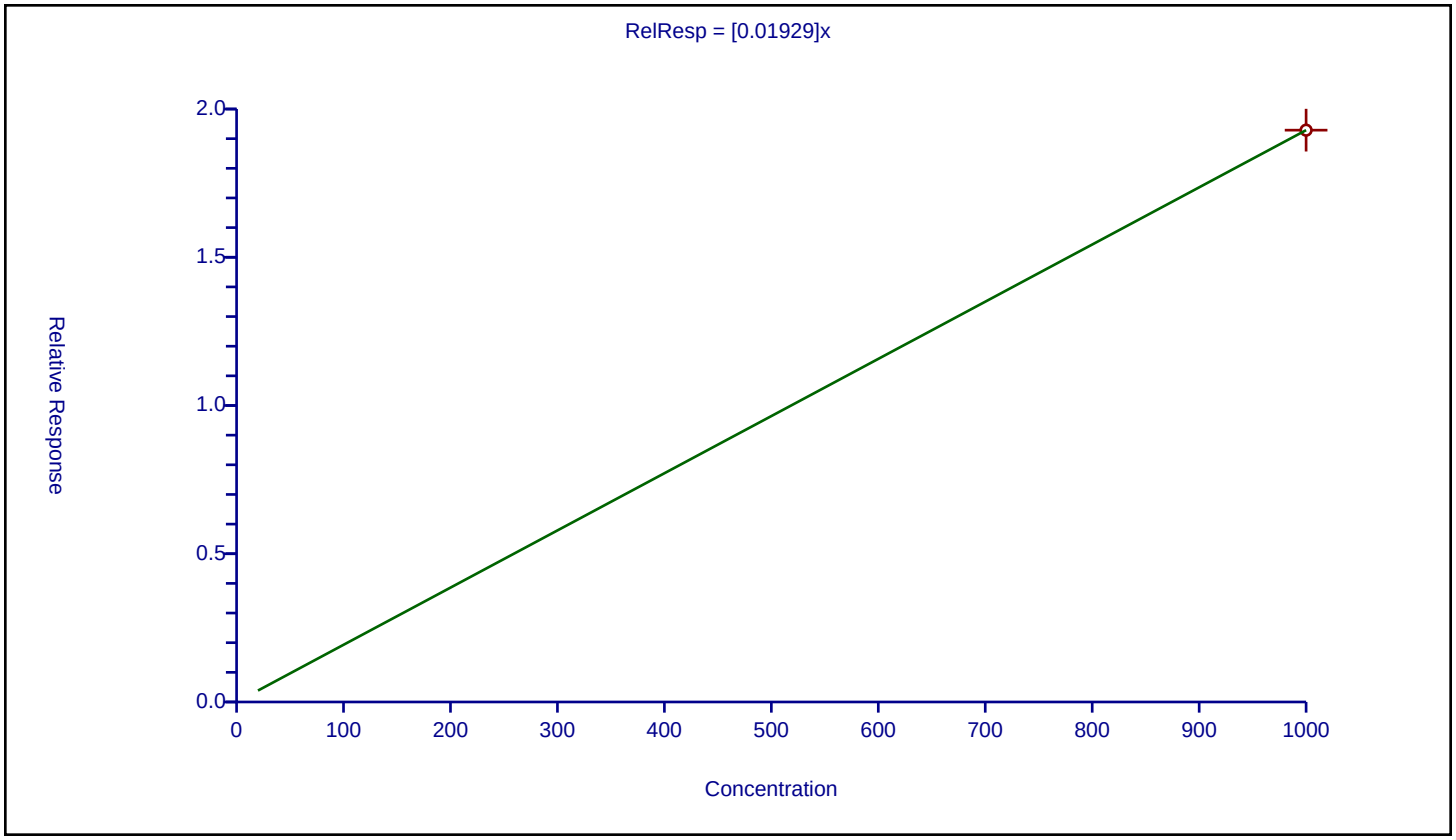
Curve Coefficients

Intercept:	0
Slope:	0.01929

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	19.286904	20.0	48243827.0	0.019287	Y



Calibration / PCB-1232 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

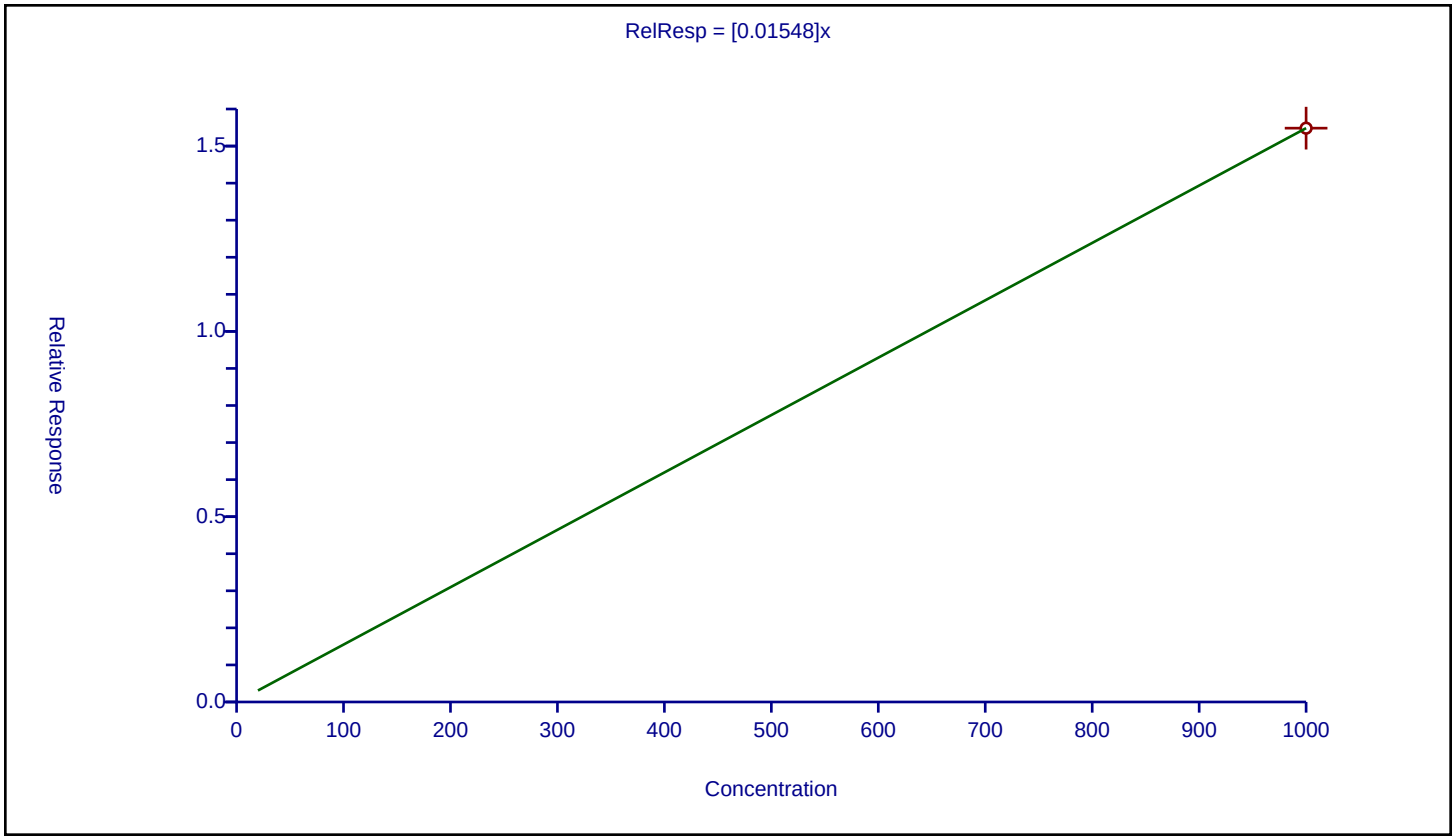
Curve Coefficients

Intercept:	0
Slope:	0.01548

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	1.00

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	15.48336	20.0	48243827.0	0.015483	Y



Calibration / PCB-1232 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

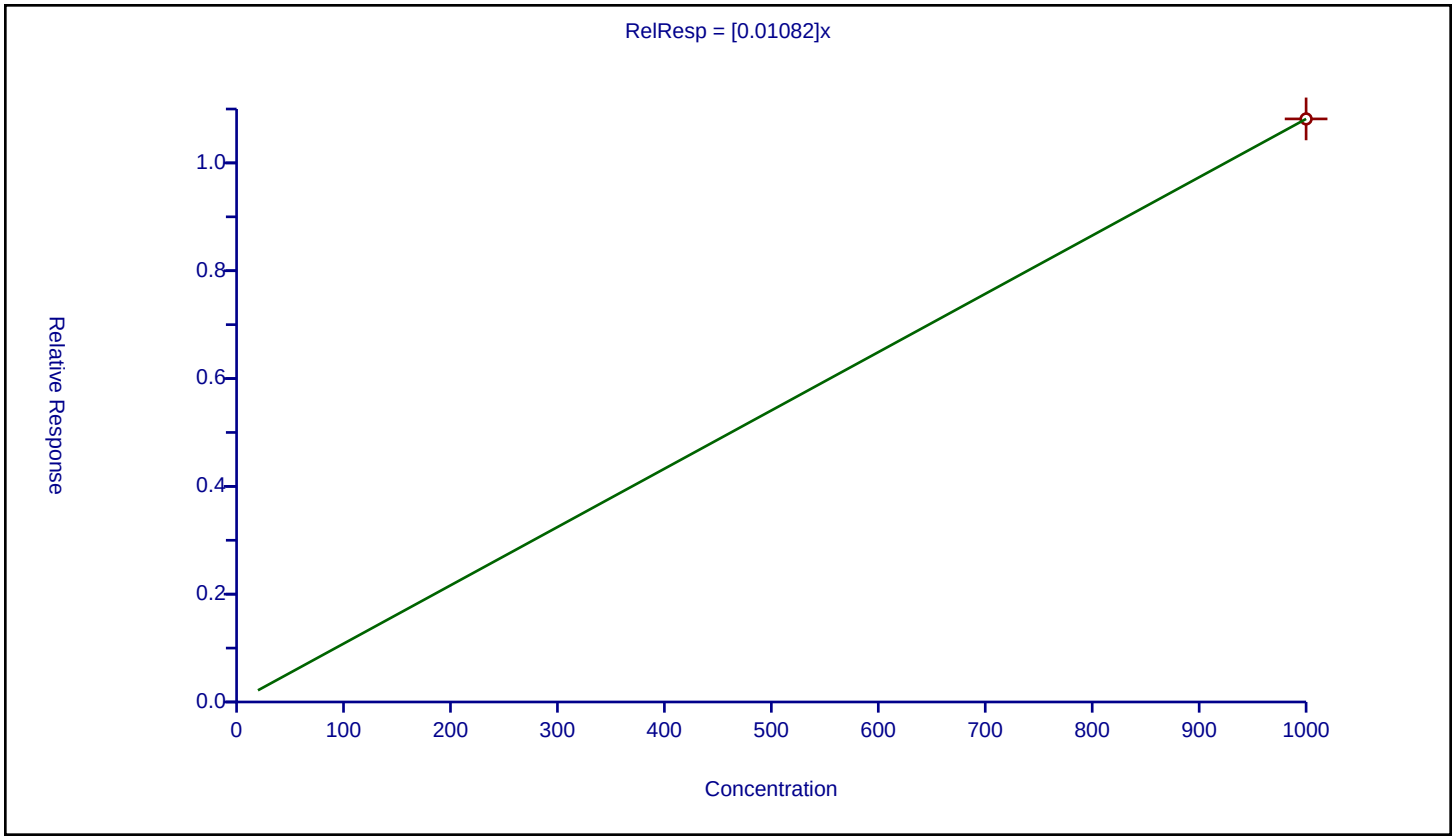
Curve Coefficients

Intercept:	0
Slope:	0.01082

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	10.816224	20.0	48243827.0	0.010816	Y



Calibration / PCB-1232 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

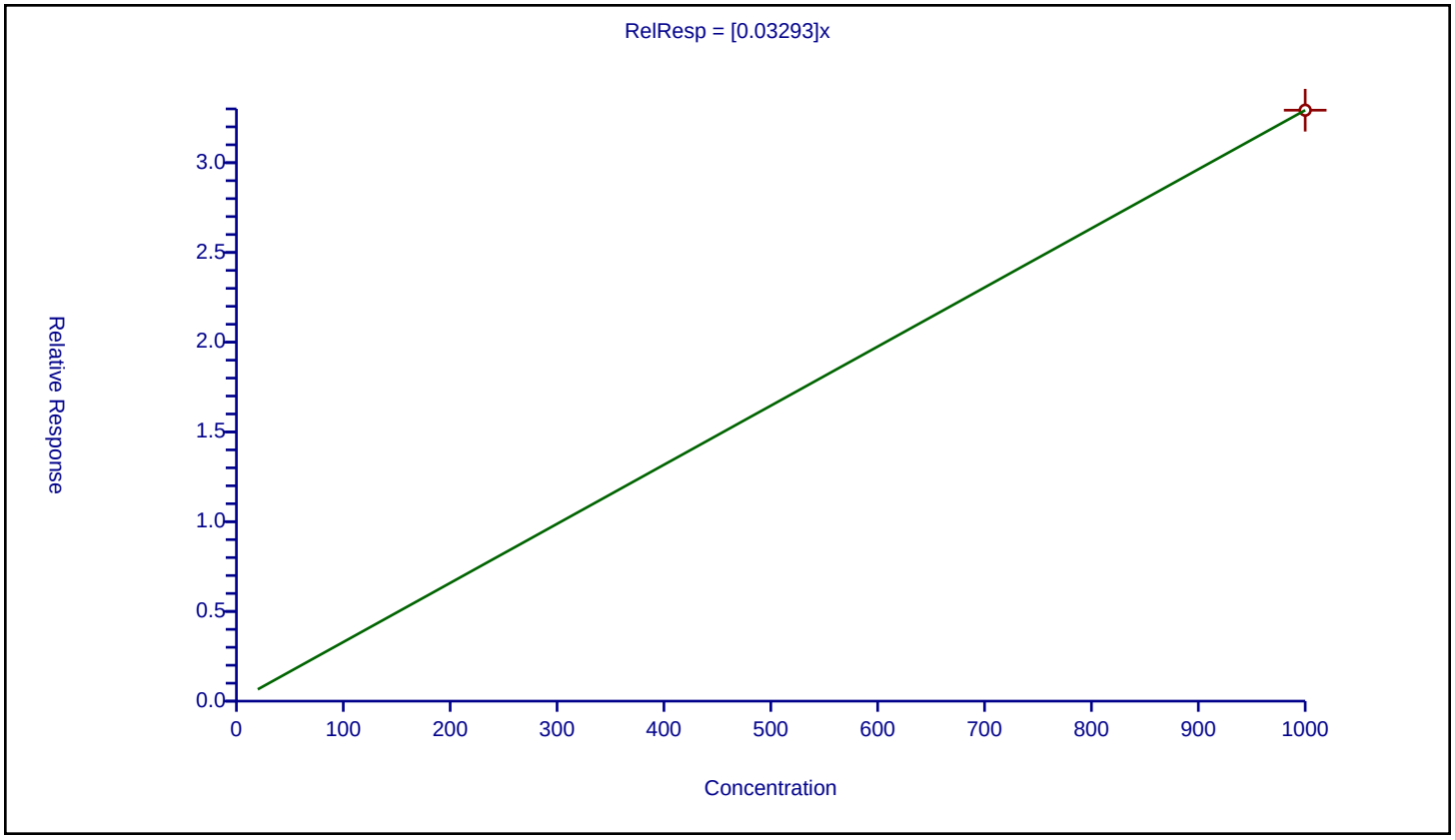
Curve Coefficients

Intercept:	0
Slope:	0.03293

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	32.927786	20.0	48243827.0	0.032928	Y



Calibration / PCB-1232 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

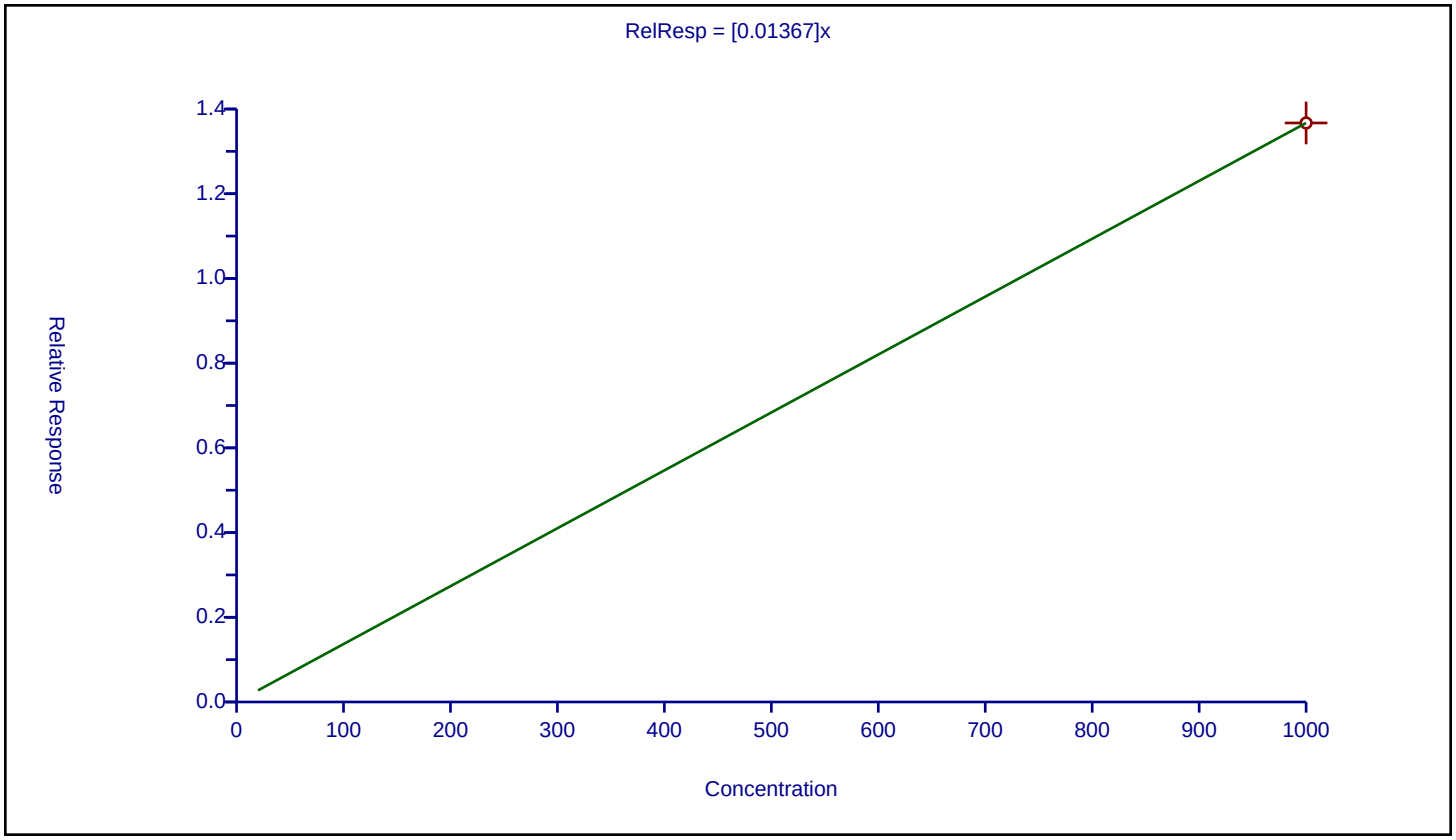
Curve Coefficients

Intercept:	0
Slope:	0.01367

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	13.670639	20.0	48243827.0	0.013671	Y



Calibration / PCB-1232 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

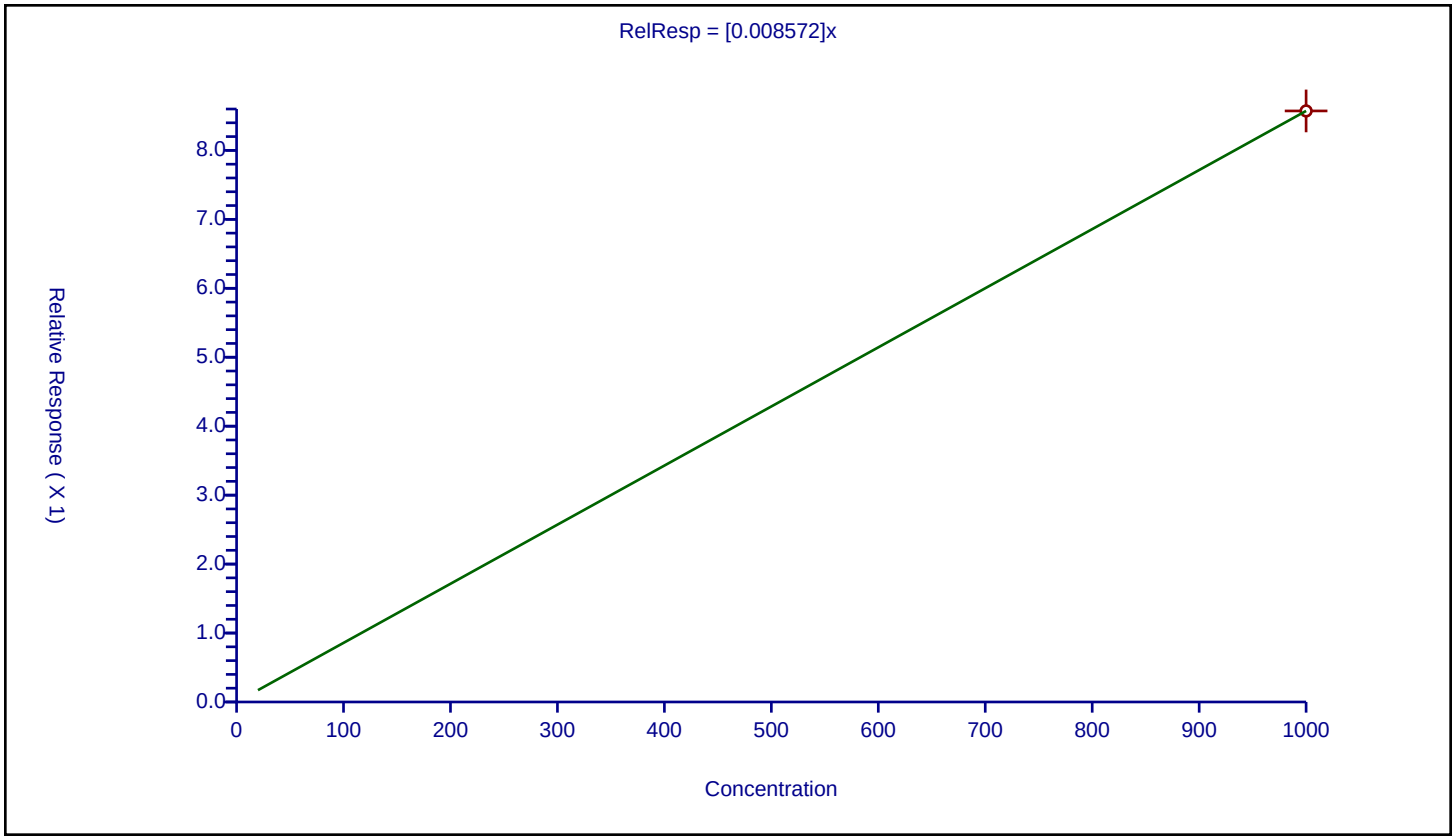
Curve Coefficients

Intercept:	0
Slope:	0.008572

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	8.572218	20.0	48243827.0	0.008572	Y



Calibration / PCB-1232 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

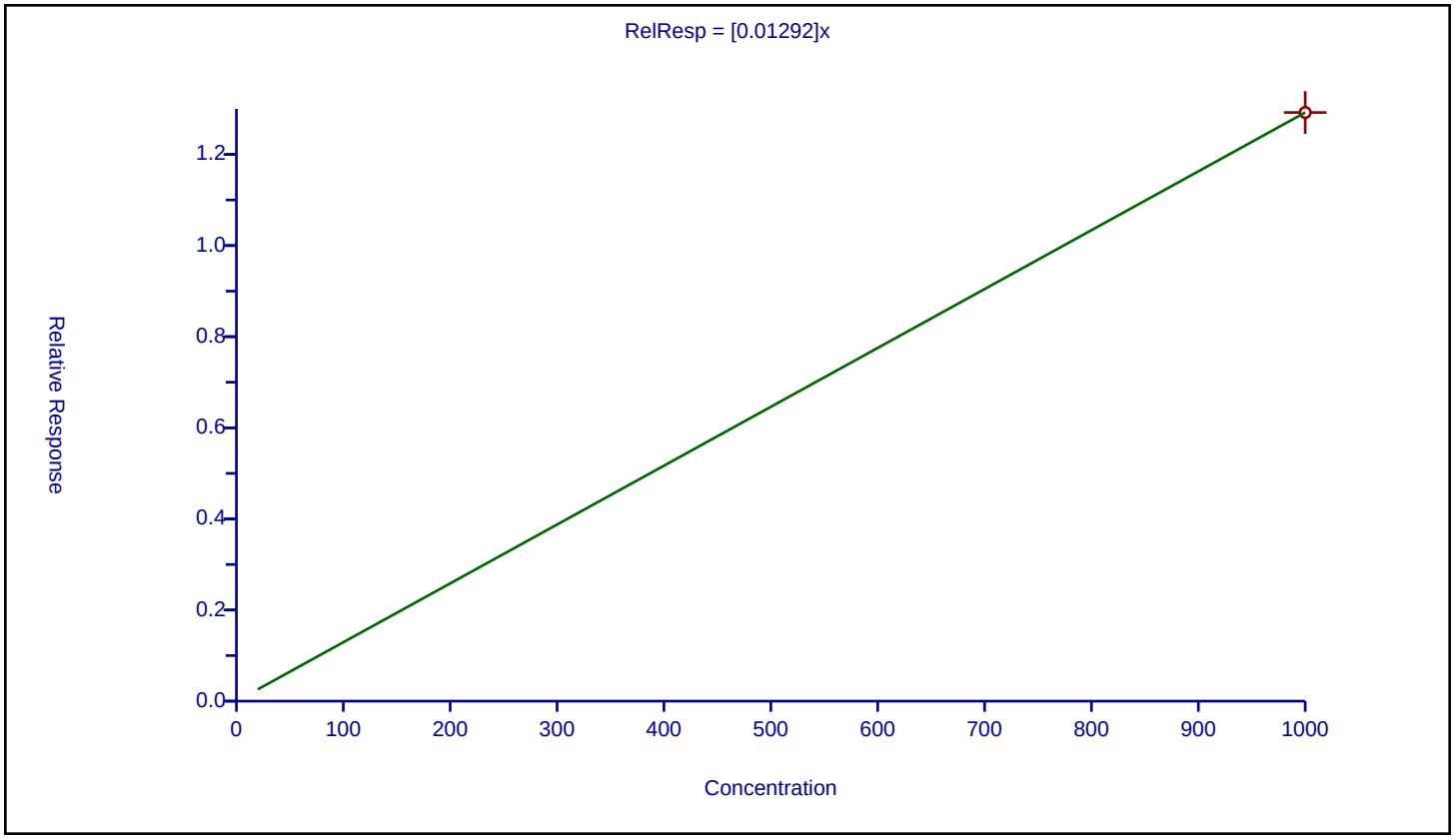
Curve Coefficients

Intercept:	0
Slope:	0.01292

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	12.921174	20.0	48243827.0	0.012921	Y



Calibration / PCB-1232 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

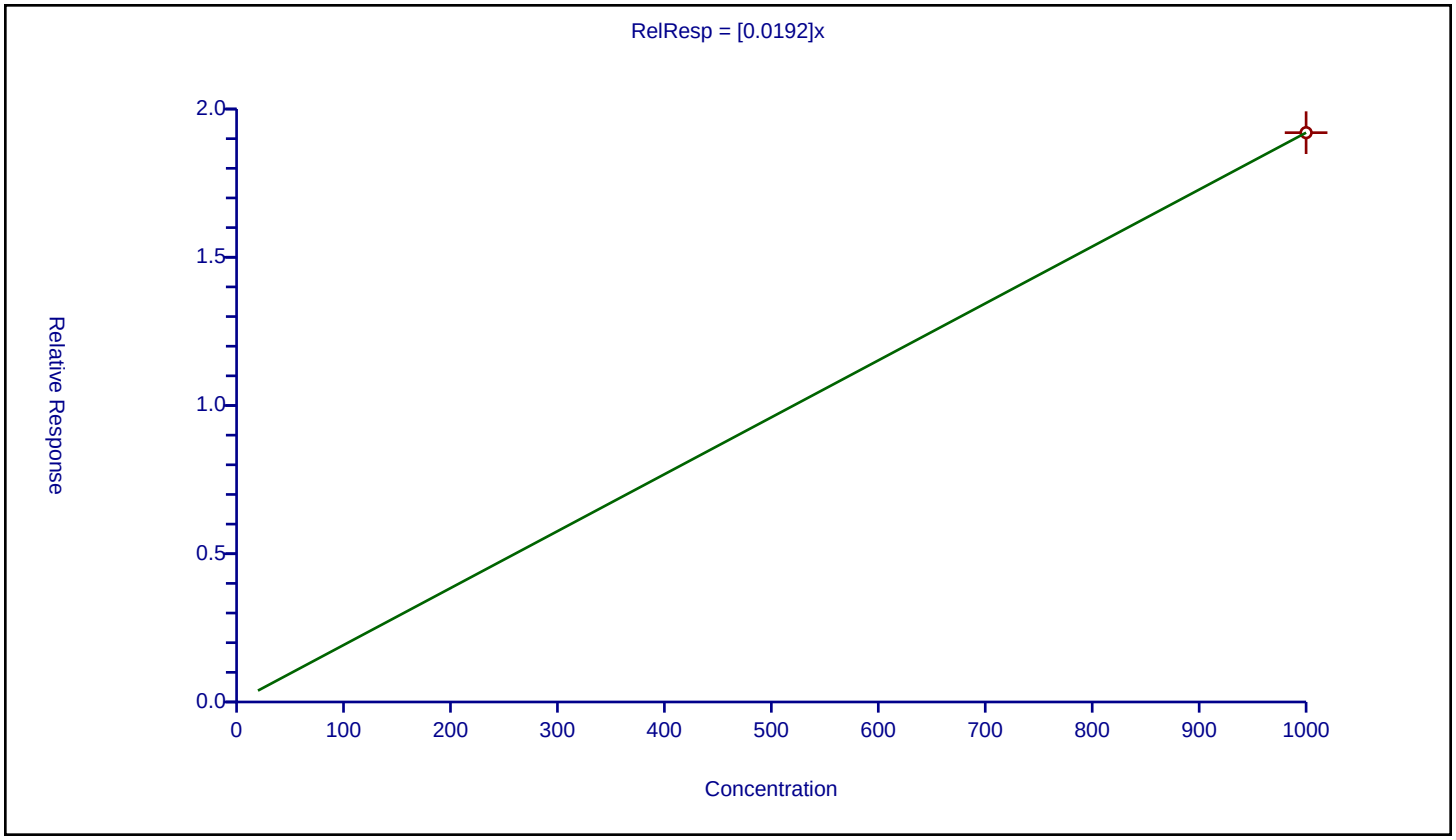
Curve Coefficients

Intercept:	0
Slope:	0.0192

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/9	1000.0	19.202125	20.0	48243827.0	0.019202	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:04 Calibration End Date: 12/28/2020 13:04 Calibration ID: 83250

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/10	T1580627.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0141					Ave		0.0141						20.0			
PCB-1242 Peak 2	0.0288					Ave		0.0288						20.0			
PCB-1242 Peak 3	0.0549					Ave		0.0549						20.0			
PCB-1242 Peak 4	0.0236					Ave		0.0236						20.0			
PCB-1242 Peak 5	0.0184					Ave		0.0184						20.0			
PCB-1242 Peak 6	0.0217					Ave		0.0217						20.0			
PCB-1242 Peak 7	0.0192					Ave		0.0192						20.0			
PCB-1242 Peak 8	0.0218					Ave		0.0218						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:04 Calibration End Date: 12/28/2020 13:04 Calibration ID: 83250

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/10	T1580627.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	33104677					1000				
PCB-1242 Peak 2	BNB	Ave	67636025					1000				
PCB-1242 Peak 3	BNB	Ave	128894701					1000				
PCB-1242 Peak 4	BNB	Ave	55366031					1000				
PCB-1242 Peak 5	BNB	Ave	43274456					1000				
PCB-1242 Peak 6	BNB	Ave	51029842					1000				
PCB-1242 Peak 7	BNB	Ave	44963705					1000				
PCB-1242 Peak 8	BNB	Ave	51060255					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580627.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 13:04:27 ALS Bottle#: 15 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-010
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:12 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 12:43:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.703	1.703	0.000	46932513	20.0	20.0	
2	1.426	1.426	0.000	49893208	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	3.309	3.309	0.000	33104677	1000.0	1000.0	M
1	3.821	3.821	0.000	67636025	1000.0	1000.0	M
1	4.394	4.394	0.000	128894701	1000.0	1000.0	M
1	4.563	4.563	0.000	55366031	1000.0	1000.0	M
1	4.689	4.689	0.000	43274456	1000.0	1000.0	M
1	5.304	5.304	0.000	51029842	1000.0	1000.0	M
1	5.642	5.642	0.000	44963705	1000.0	1000.0	M
1	5.699	5.699	0.000	51060255	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.467	2.467	0.000	32263242	1000.0	1000.0	
2	2.849	2.849	0.000	66549747	1000.0	1000.0	M
2	3.068	3.068	0.000	45571749	1000.0	1000.0	M
2	3.364	3.364	0.000	144341769	1000.0	1000.0	M
2	3.513	3.513	0.000	60395122	1000.0	1000.0	M
2	3.582	3.582	0.000	37027495	1000.0	1000.0	M
2	3.984	3.984	0.000	64228124	1000.0	1000.0	M
2	4.479	4.479	0.000	100886748	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

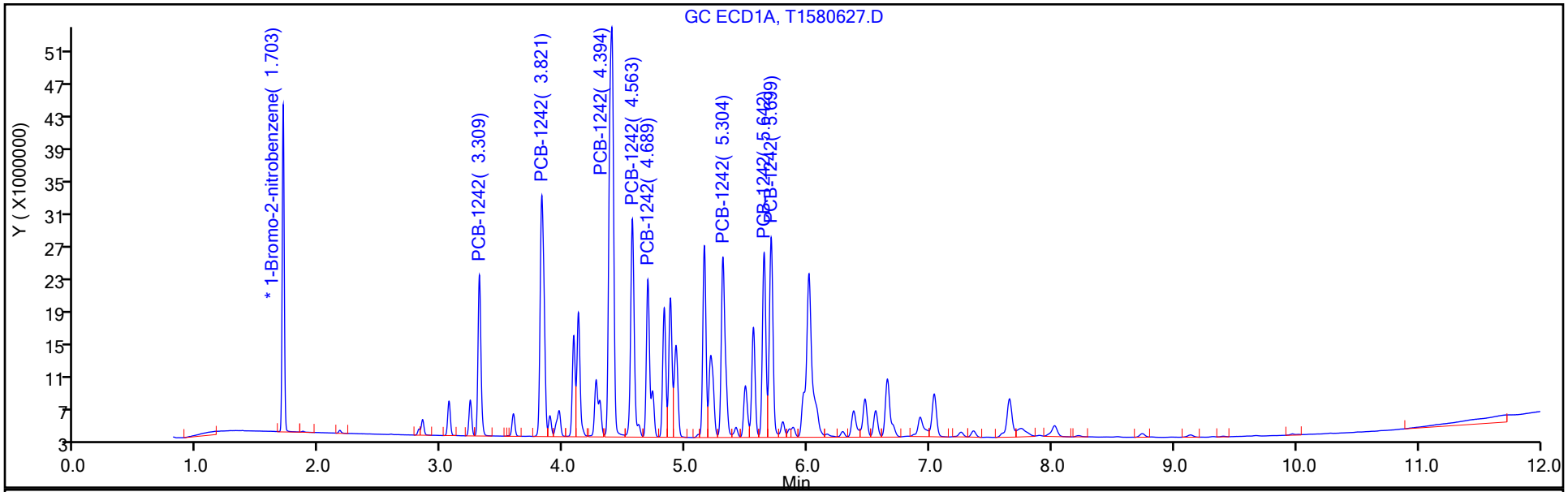
SG1242L4_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

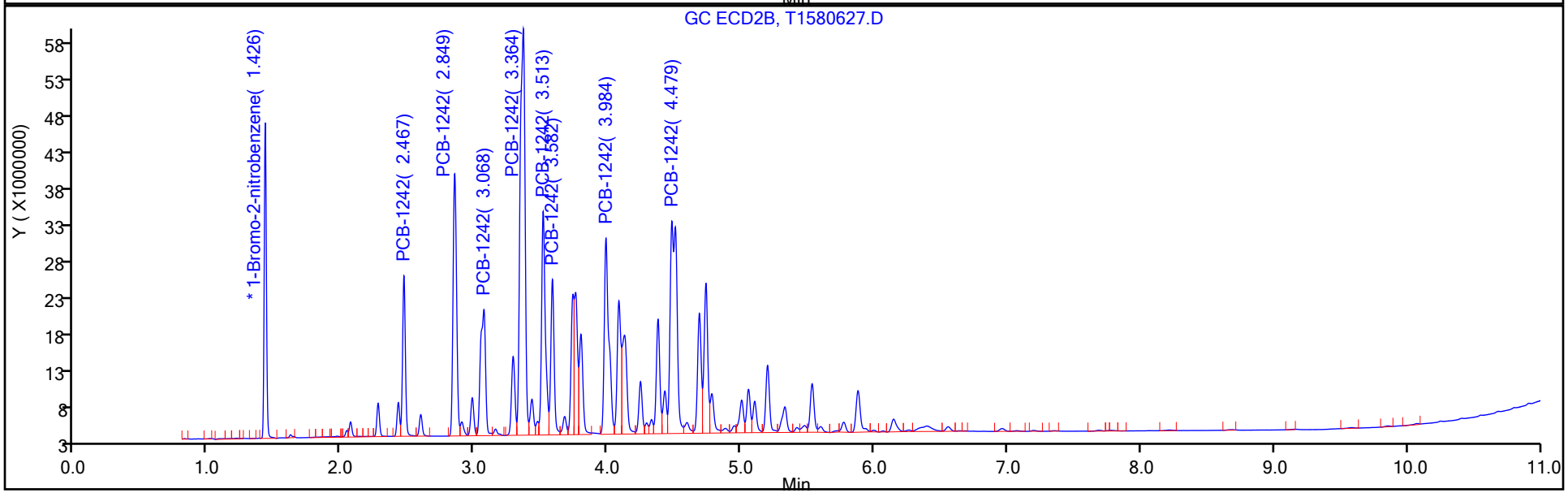
Report Date: 28-Dec-2020 13:33:12 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580627.D

Injection Date:	28-Dec-2020 13:04:27	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 28-Dec-2020 13:33:12 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580627.D

Injection Date: 28-Dec-2020 13:04:27 Instrument ID: CPESTGC11

Lims ID: IC 1242

Client ID:

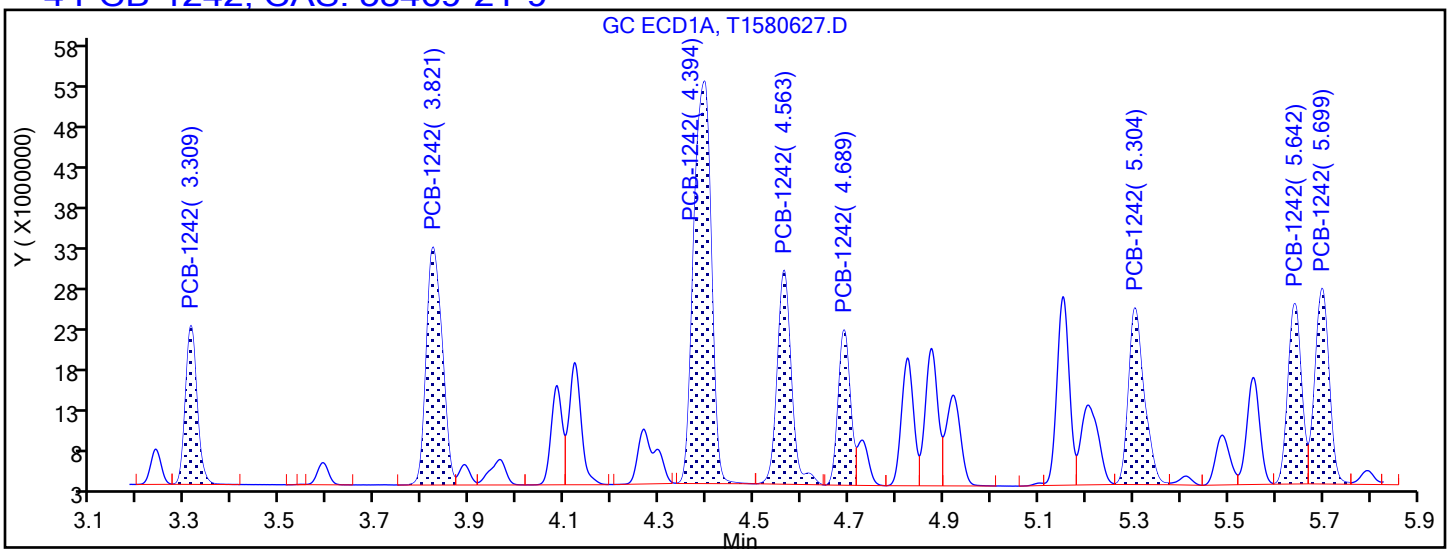
Operator ID: ALS Bottle#: 15 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

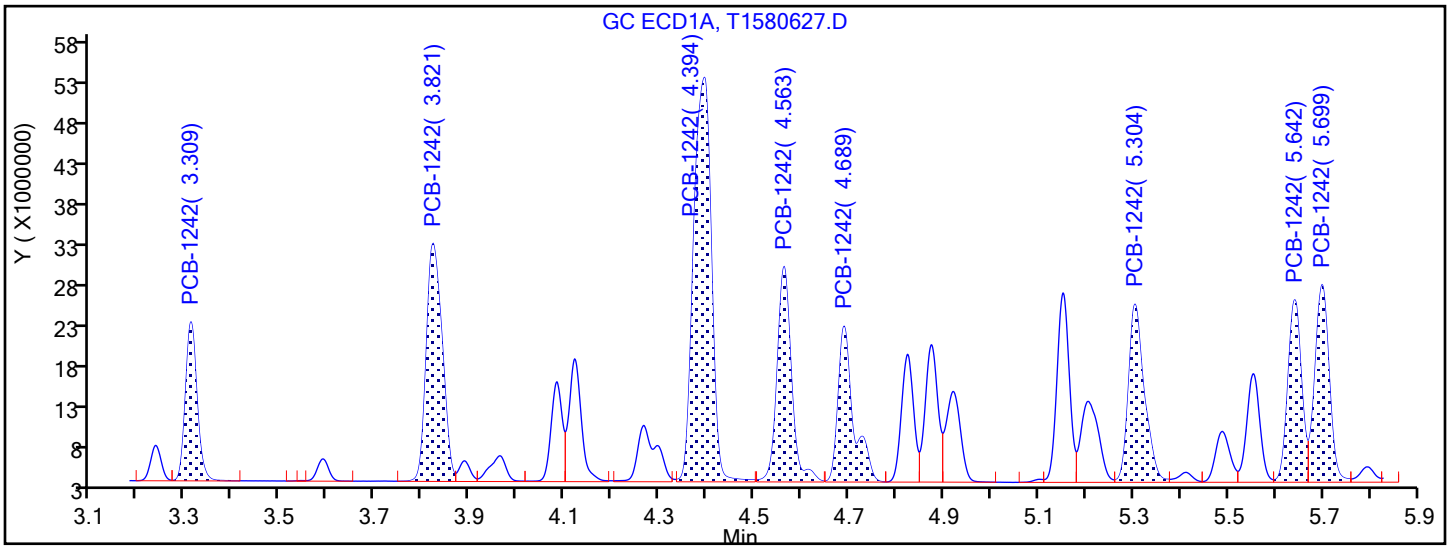
Column: Detector GC ECD1A

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

3.309	Response = 32904706
3.821	Response = 67521975
4.394	Response = 126487876
4.563	Response = 53914876
4.689	Response = 33758785
5.304	Response = 49771068
5.642	Response = 43908609
5.699	Response = 49807522



Manual Integration Results

3.309	Response = 33104677	M
3.821	Response = 67636025	M
4.394	Response = 128894701	M
4.563	Response = 55366031	M
4.689	Response = 43274456	M
5.304	Response = 51029842	M

Calibration / PCB-1242 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

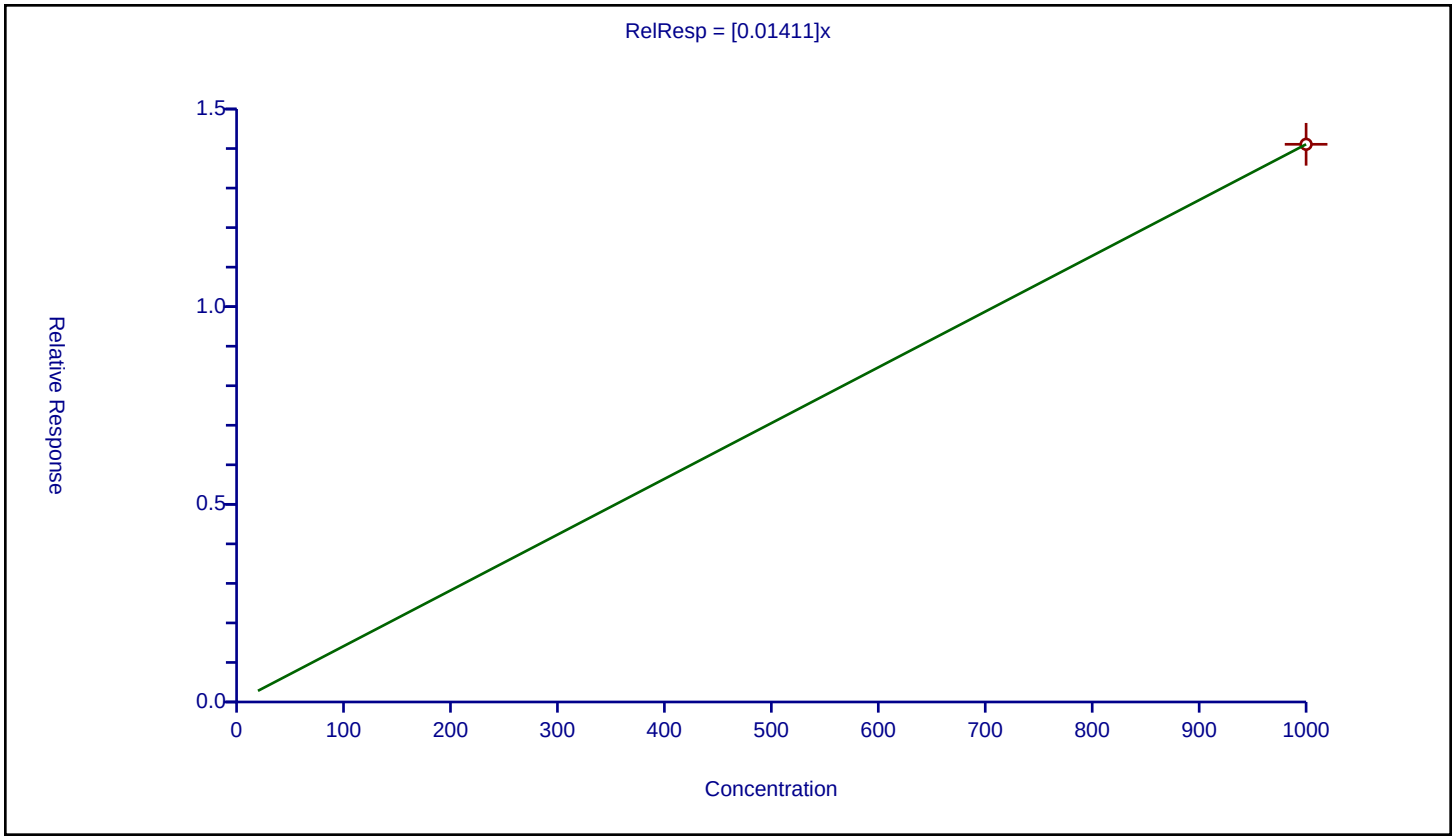
Curve Coefficients

Intercept:	0
Slope:	0.01411

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	14.107353	20.0	46932513.0	0.014107	Y



Calibration / PCB-1242 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

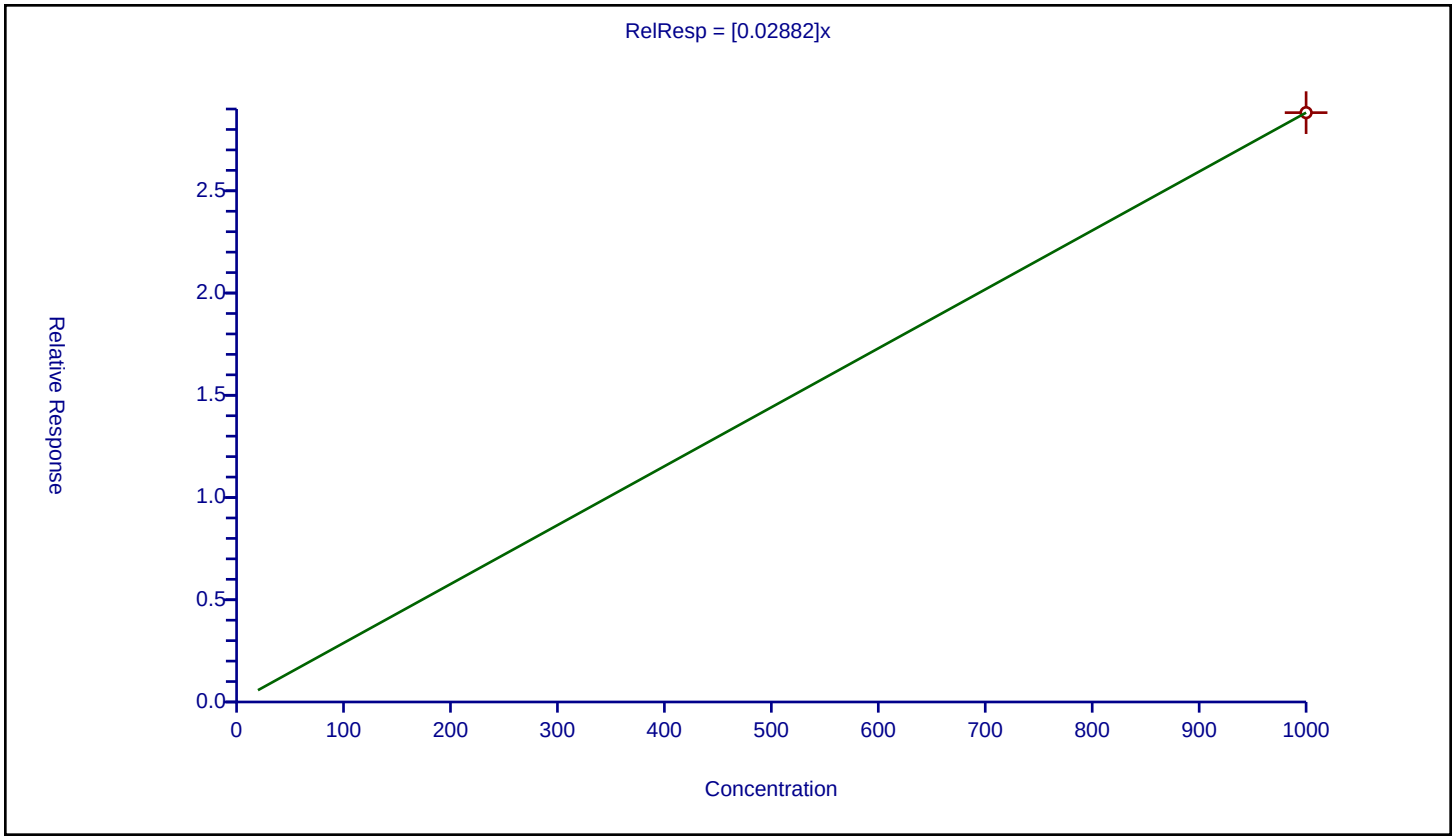
Curve Coefficients

Intercept:	0
Slope:	0.02882

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	28.822674	20.0	46932513.0	0.028823	Y



Calibration / PCB-1242 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

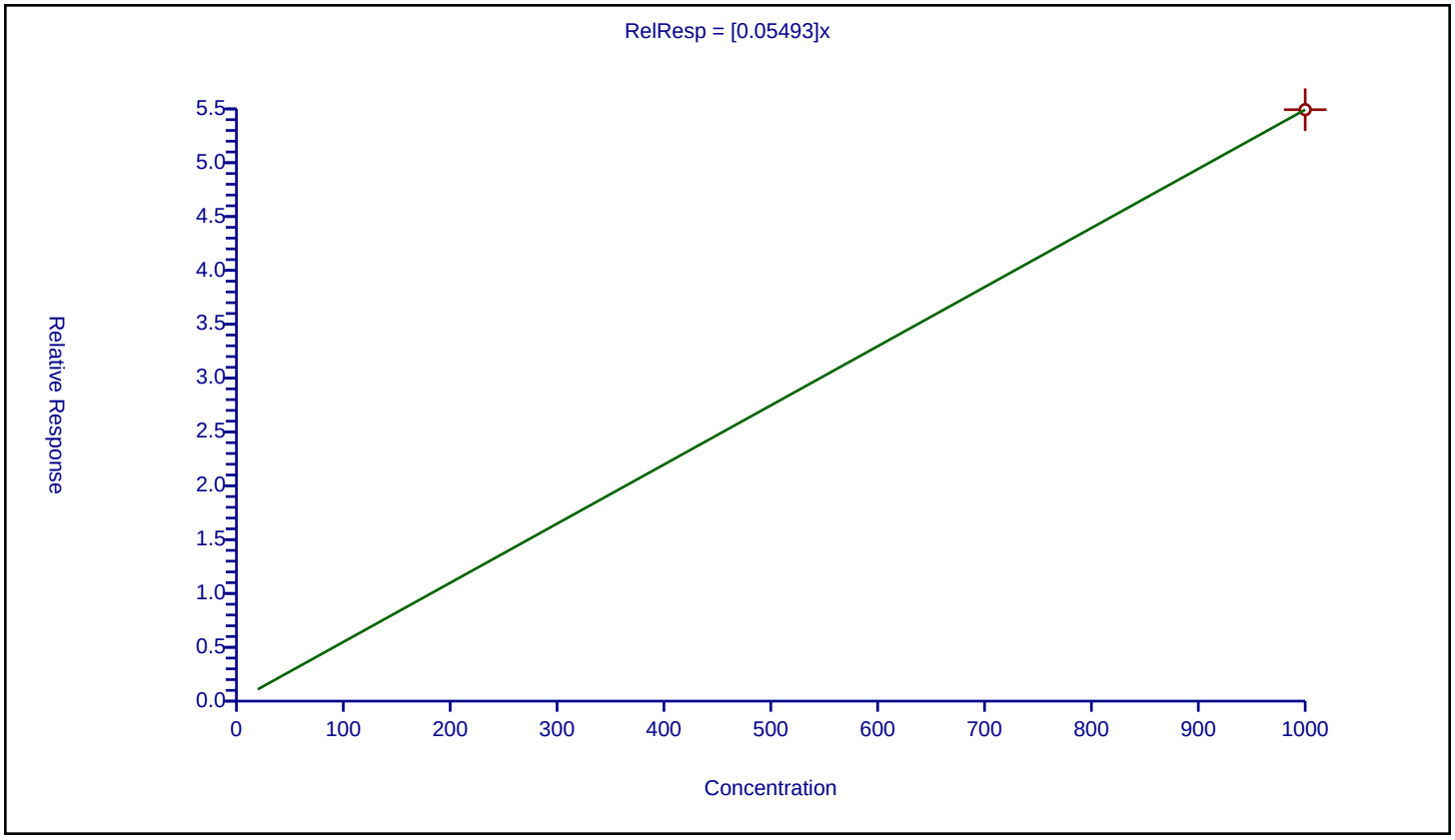
Curve Coefficients

Intercept:	0
Slope:	0.05493

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	54.927679	20.0	46932513.0	0.054928	Y



Calibration / PCB-1242 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

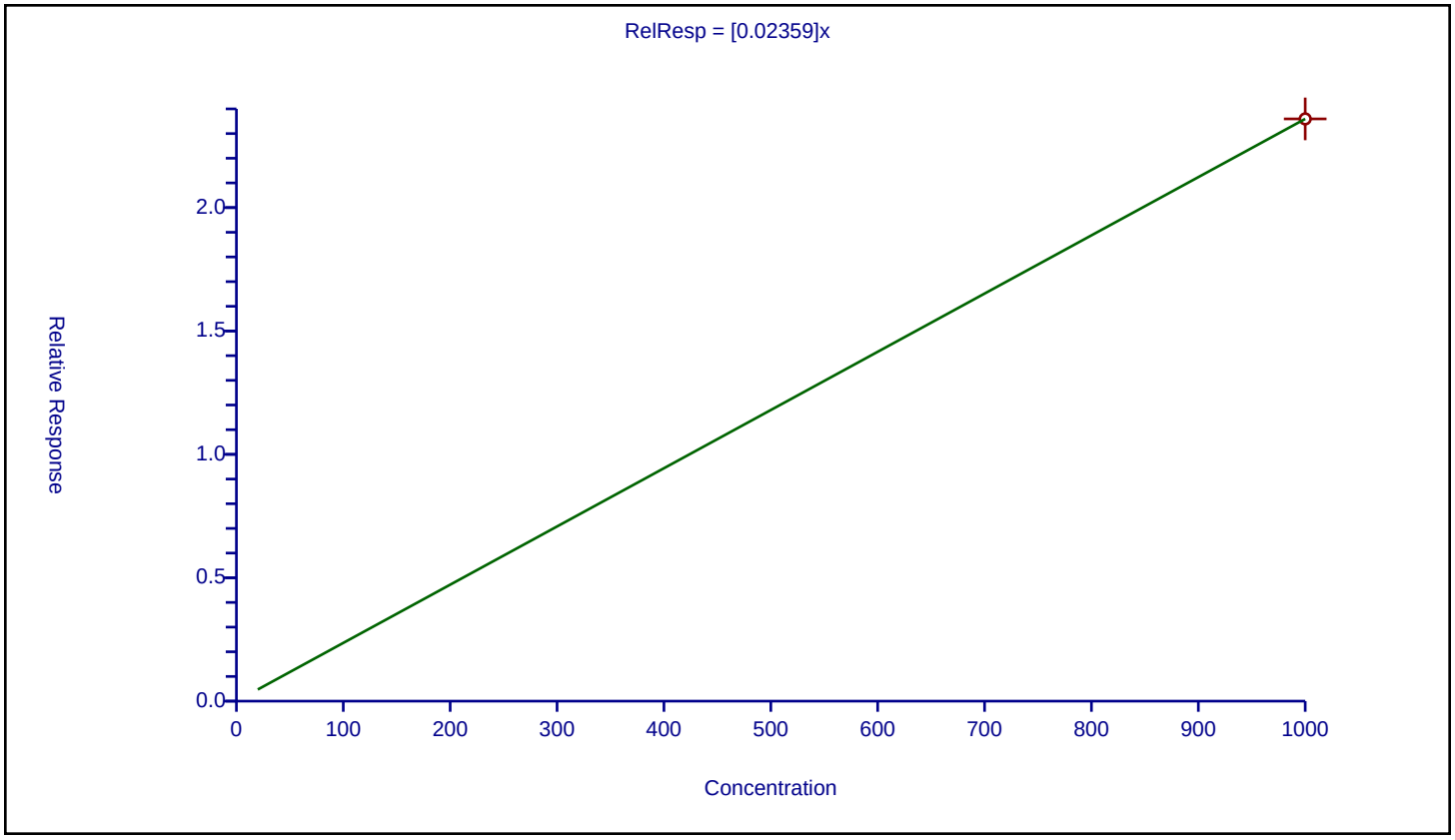
Curve Coefficients

Intercept:	0
Slope:	0.02359

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	23.593892	20.0	46932513.0	0.023594	Y



Calibration / PCB-1242 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

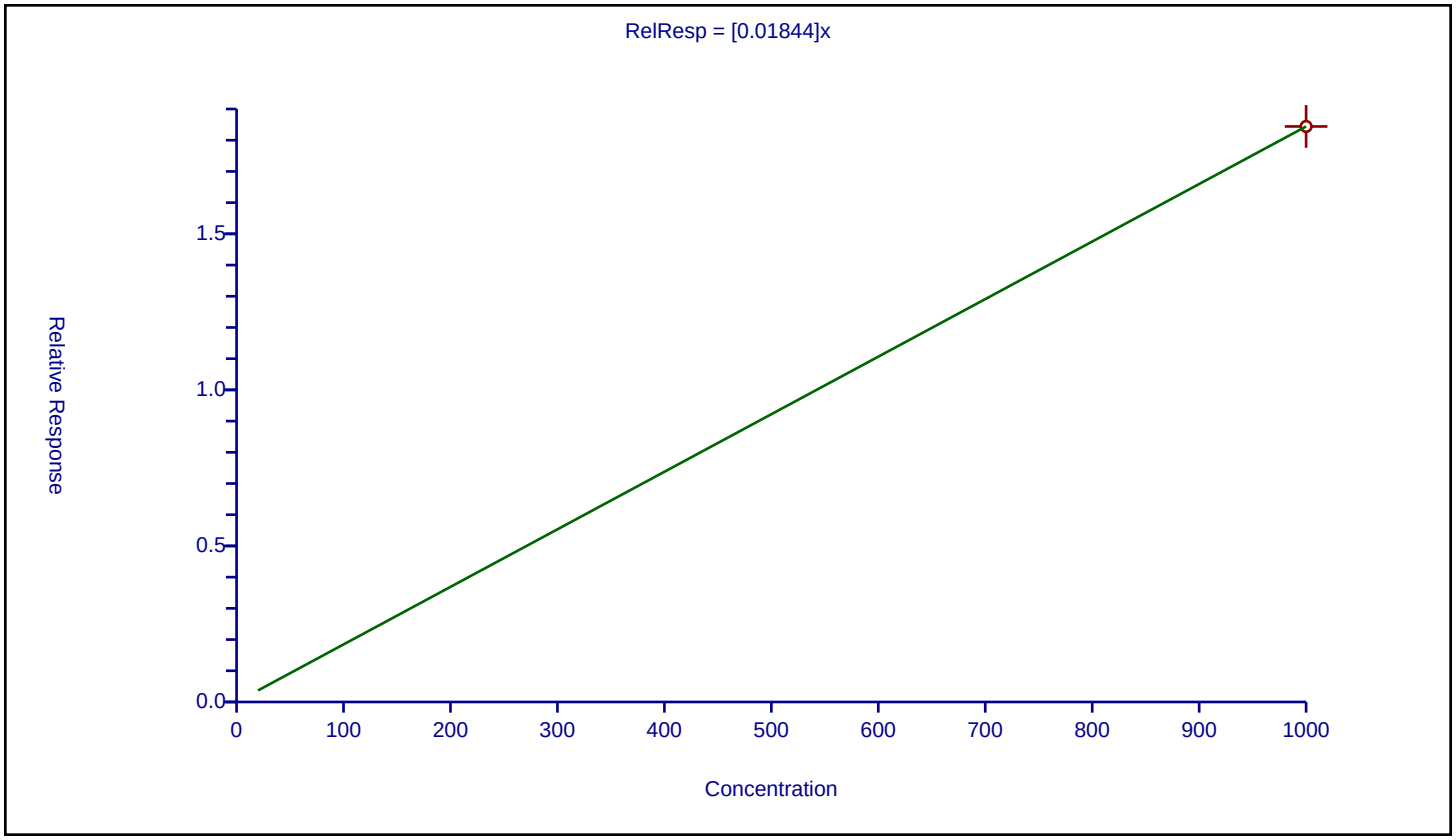
Curve Coefficients

Intercept:	0
Slope:	0.01844

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	18.441142	20.0	46932513.0	0.018441	Y



Calibration / PCB-1242 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

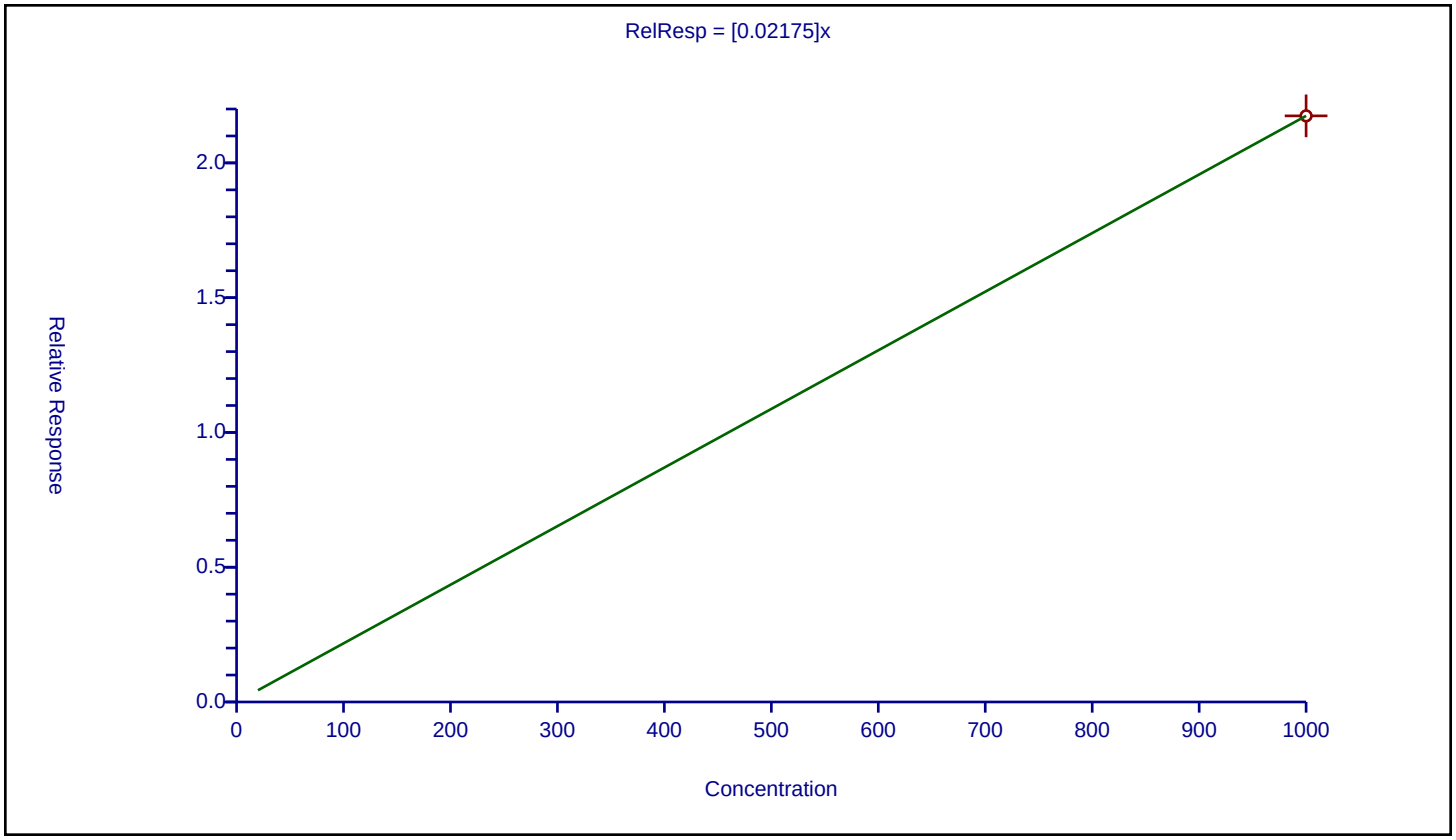
Curve Coefficients

Intercept:	0
Slope:	0.02175

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	21.746051	20.0	46932513.0	0.021746	Y



Calibration / PCB-1242 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

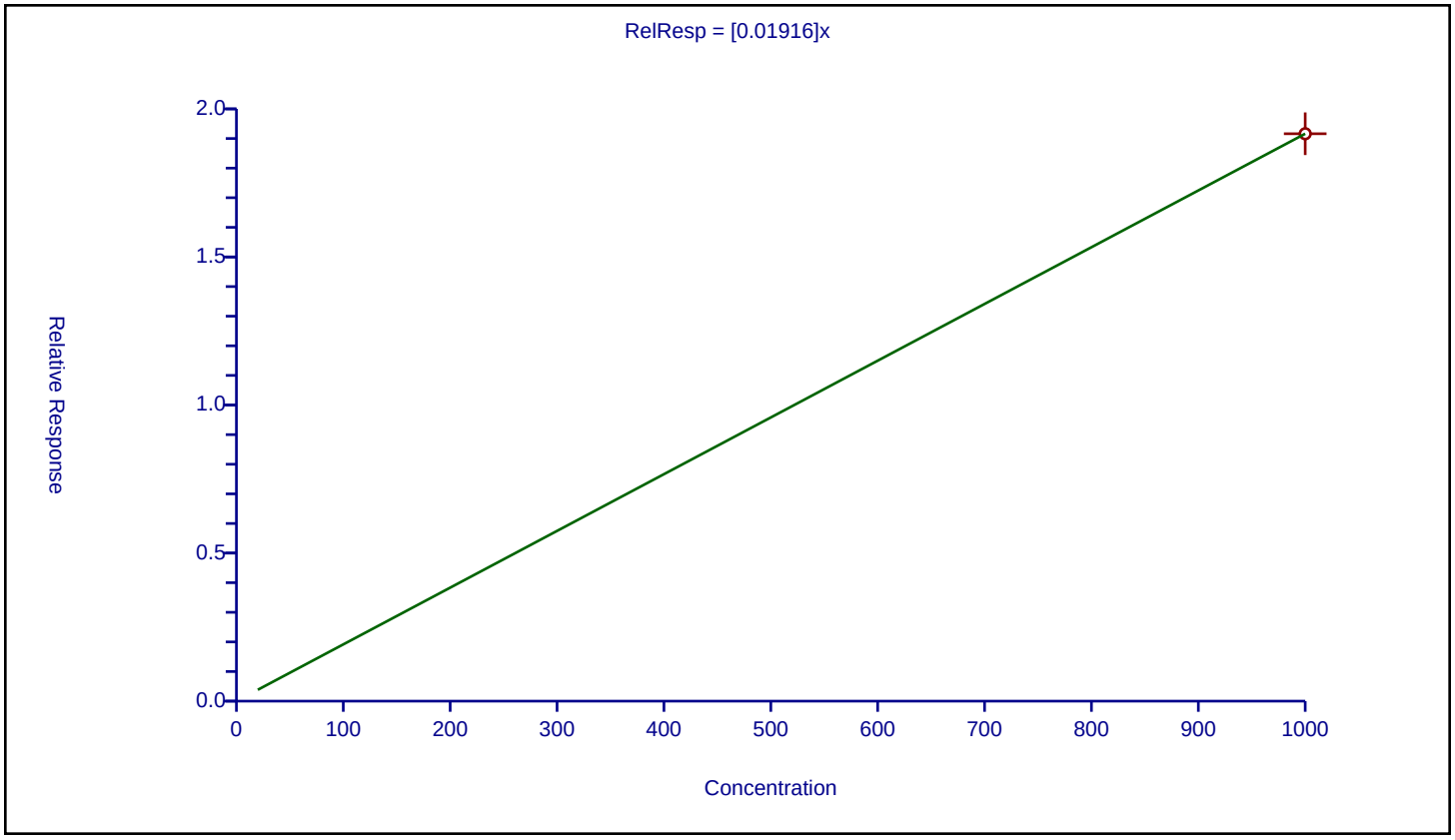
Curve Coefficients

Intercept:	0
Slope:	0.01916

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	19.161005	20.0	46932513.0	0.019161	Y



Calibration / PCB-1242 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

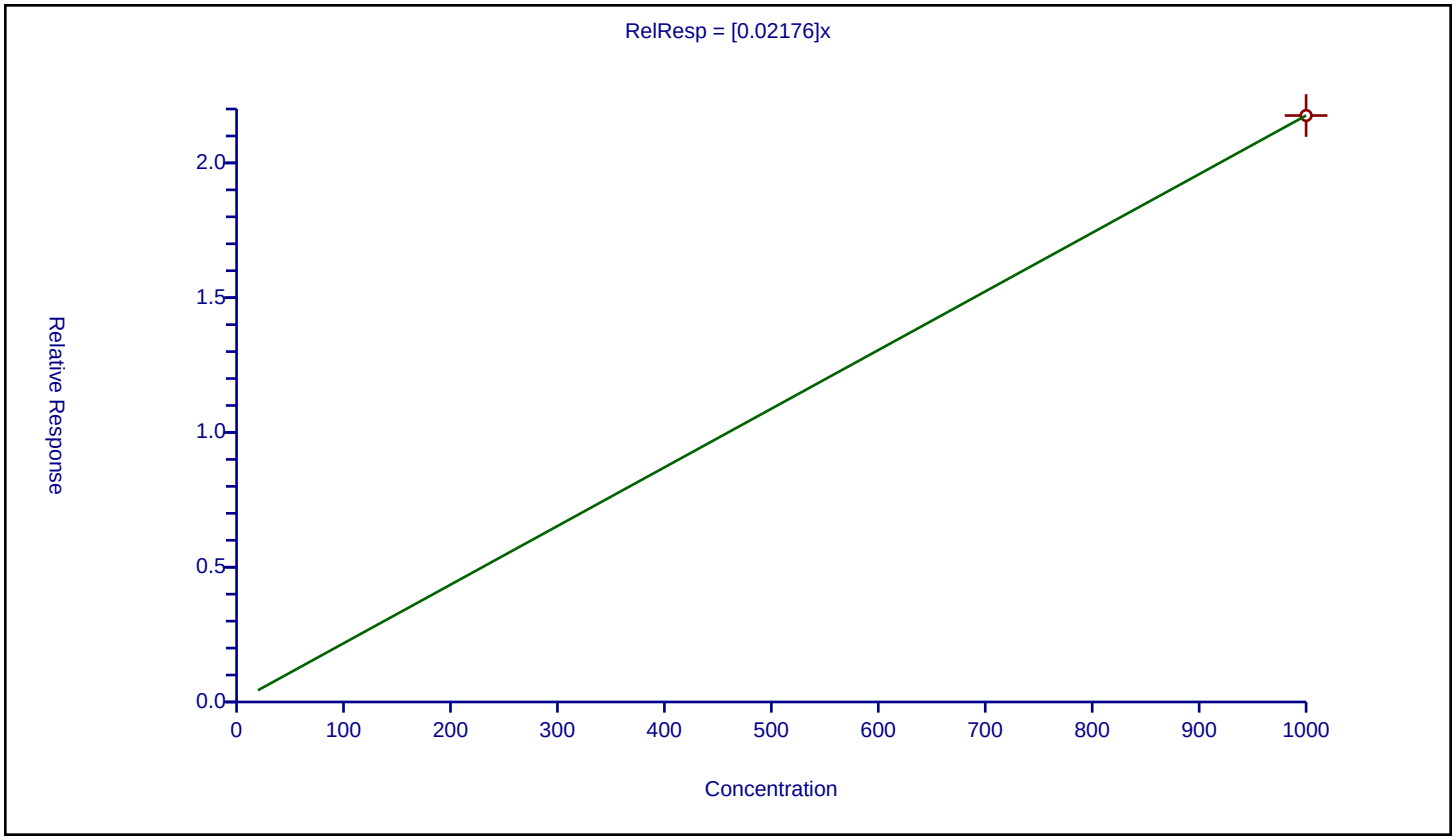
Curve Coefficients

Intercept:	0
Slope:	0.02176

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	21.759012	20.0	46932513.0	0.021759	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:04 Calibration End Date: 12/28/2020 13:04 Calibration ID: 83251

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/10	T1580627.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0129					Ave		0.0129						20.0			
PCB-1242 Peak 2	0.0267					Ave		0.0267						20.0			
PCB-1242 Peak 3	0.0183					Ave		0.0183						20.0			
PCB-1242 Peak 4	0.0579					Ave		0.0579						20.0			
PCB-1242 Peak 5	0.0242					Ave		0.0242						20.0			
PCB-1242 Peak 6	0.0148					Ave		0.0148						20.0			
PCB-1242 Peak 7	0.0257					Ave		0.0257						20.0			
PCB-1242 Peak 8	0.0404					Ave		0.0404						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:04 Calibration End Date: 12/28/2020 13:04 Calibration ID: 83251

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/10	T1580627.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	32263242					1000				
PCB-1242 Peak 2	BNB	Ave	66549747					1000				
PCB-1242 Peak 3	BNB	Ave	45571749					1000				
PCB-1242 Peak 4	BNB	Ave	144341769					1000				
PCB-1242 Peak 5	BNB	Ave	60395122					1000				
PCB-1242 Peak 6	BNB	Ave	37027495					1000				
PCB-1242 Peak 7	BNB	Ave	64228124					1000				
PCB-1242 Peak 8	BNB	Ave	100886748					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580627.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 13:04:27 ALS Bottle#: 15 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-010
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:12 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 12:43:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.703	1.703	0.000	46932513	20.0	20.0	
2	1.426	1.426	0.000	49893208	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	3.309	3.309	0.000	33104677	1000.0	1000.0	M
1	3.821	3.821	0.000	67636025	1000.0	1000.0	M
1	4.394	4.394	0.000	128894701	1000.0	1000.0	M
1	4.563	4.563	0.000	55366031	1000.0	1000.0	M
1	4.689	4.689	0.000	43274456	1000.0	1000.0	M
1	5.304	5.304	0.000	51029842	1000.0	1000.0	M
1	5.642	5.642	0.000	44963705	1000.0	1000.0	M
1	5.699	5.699	0.000	51060255	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.467	2.467	0.000	32263242	1000.0	1000.0	
2	2.849	2.849	0.000	66549747	1000.0	1000.0	M
2	3.068	3.068	0.000	45571749	1000.0	1000.0	M
2	3.364	3.364	0.000	144341769	1000.0	1000.0	M
2	3.513	3.513	0.000	60395122	1000.0	1000.0	M
2	3.582	3.582	0.000	37027495	1000.0	1000.0	M
2	3.984	3.984	0.000	64228124	1000.0	1000.0	M
2	4.479	4.479	0.000	100886748	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

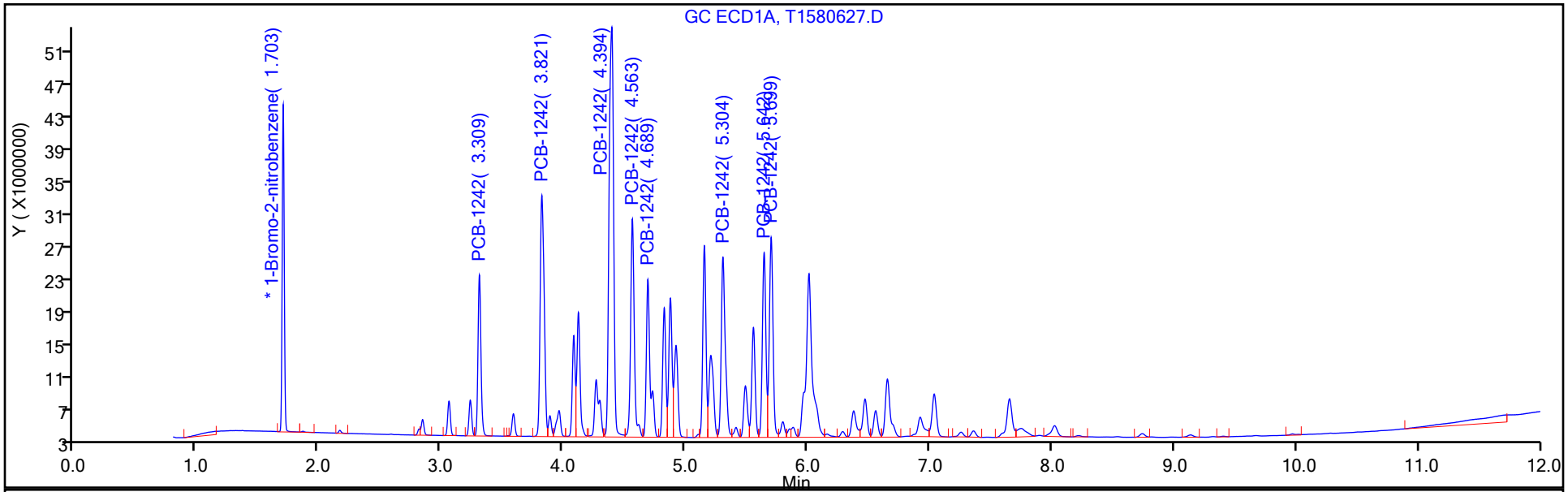
SG1242L4_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

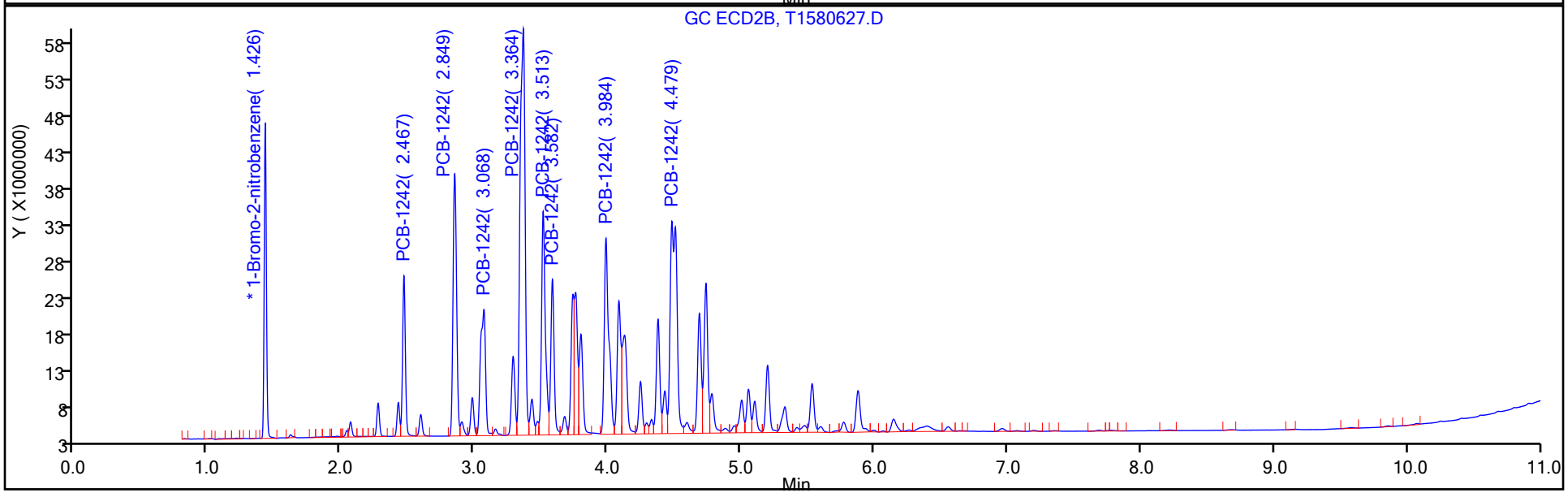
Report Date: 28-Dec-2020 13:33:12 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580627.D

Injection Date:	28-Dec-2020 13:04:27	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 28-Dec-2020 13:33:12 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580627.D

Injection Date: 28-Dec-2020 13:04:27 Instrument ID: CPESTGC11

Lims ID: IC 1242

Client ID:

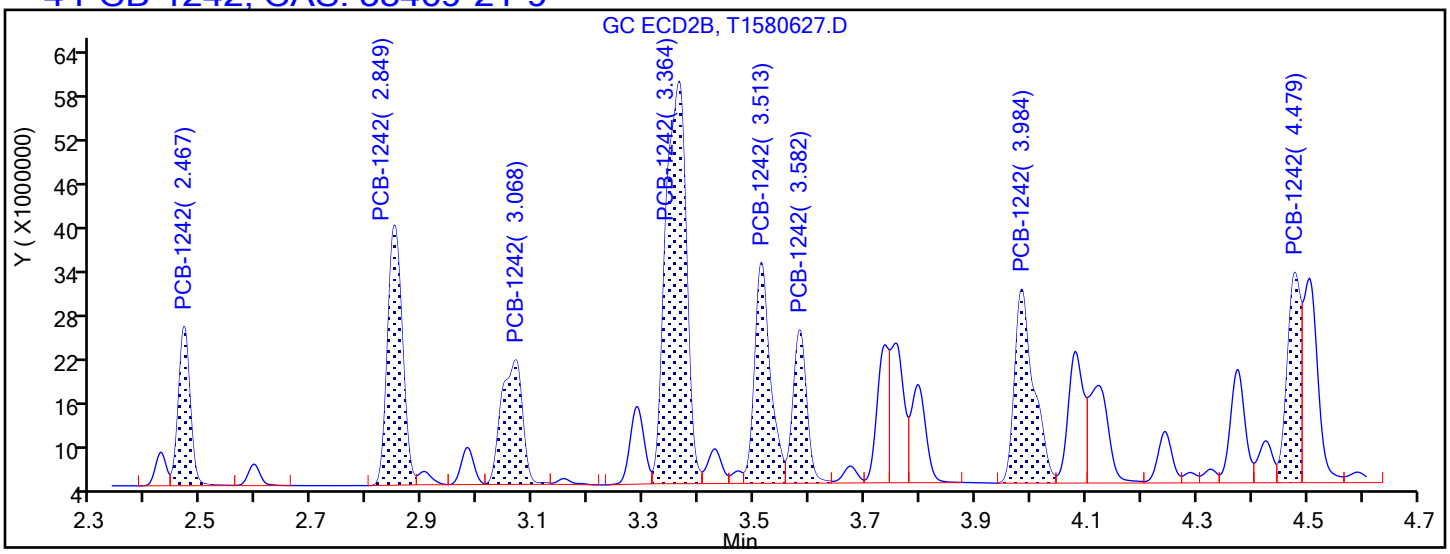
Operator ID: ALS Bottle#: 15 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

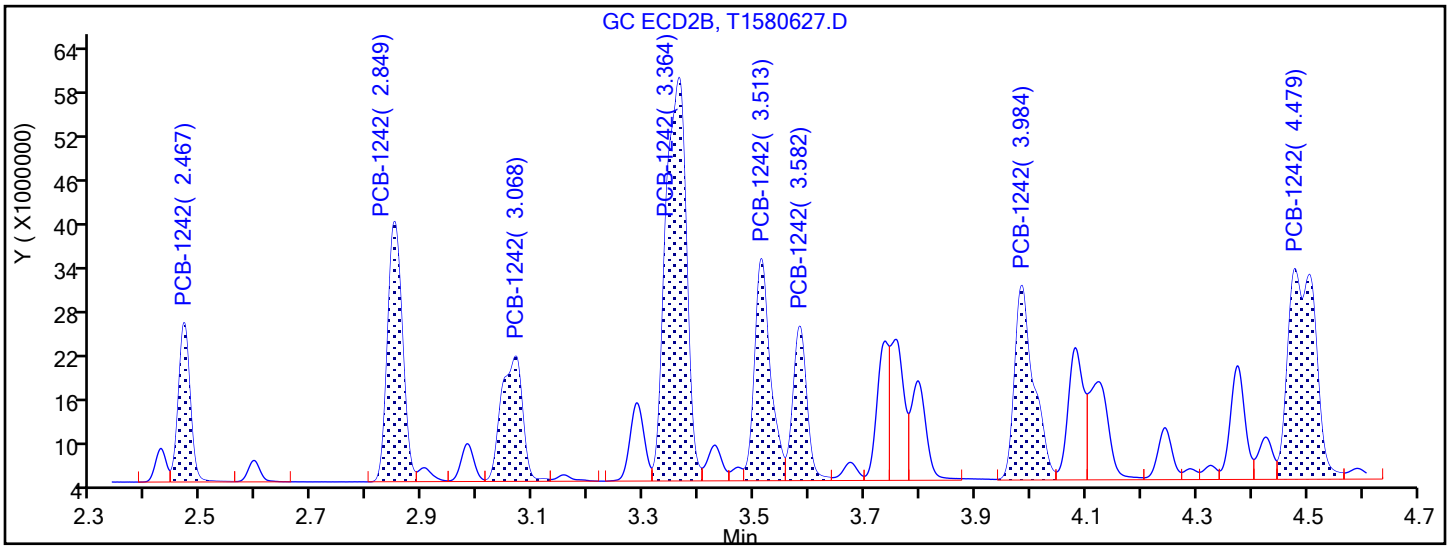
Column: Detector GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.467	Response = 32263242
2.849	Response = 66368532
3.068	Response = 44848812
3.364	Response = 143587568
3.513	Response = 59685435
3.582	Response = 36237607
3.984	Response = 63705233
4.479	Response = 48974569



Manual Integration Results

2.467	Response = 32263242	
2.849	Response = 66549747	M
3.068	Response = 45571749	M
3.364	Response = 144341769	M
3.513	Response = 60395122	M
3.582	Response = 37027495	M

Calibration / PCB-1242 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

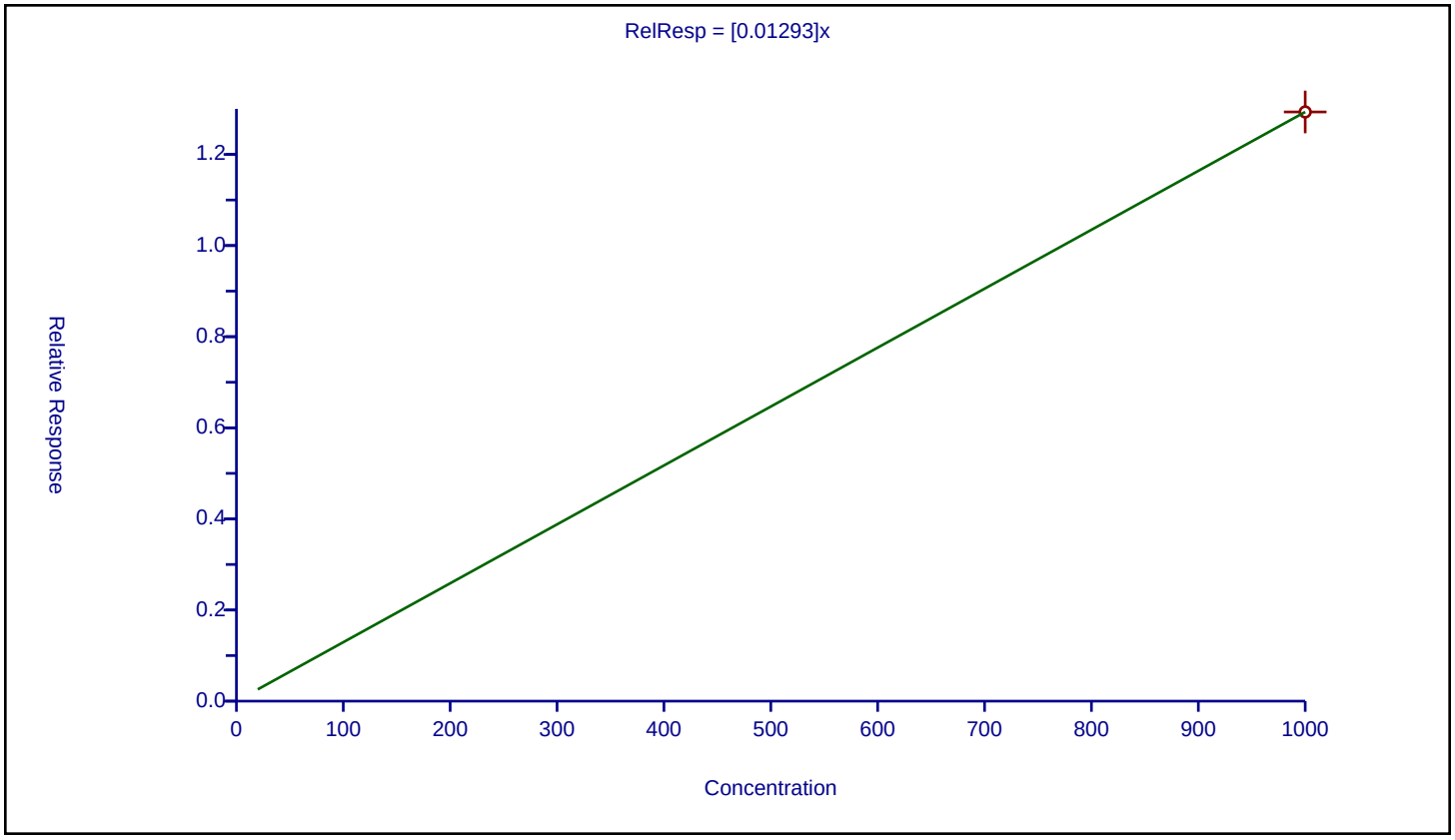
Curve Coefficients

Intercept:	0
Slope:	0.01293

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	12.932919	20.0	49893208.0	0.012933	Y



Calibration / PCB-1242 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

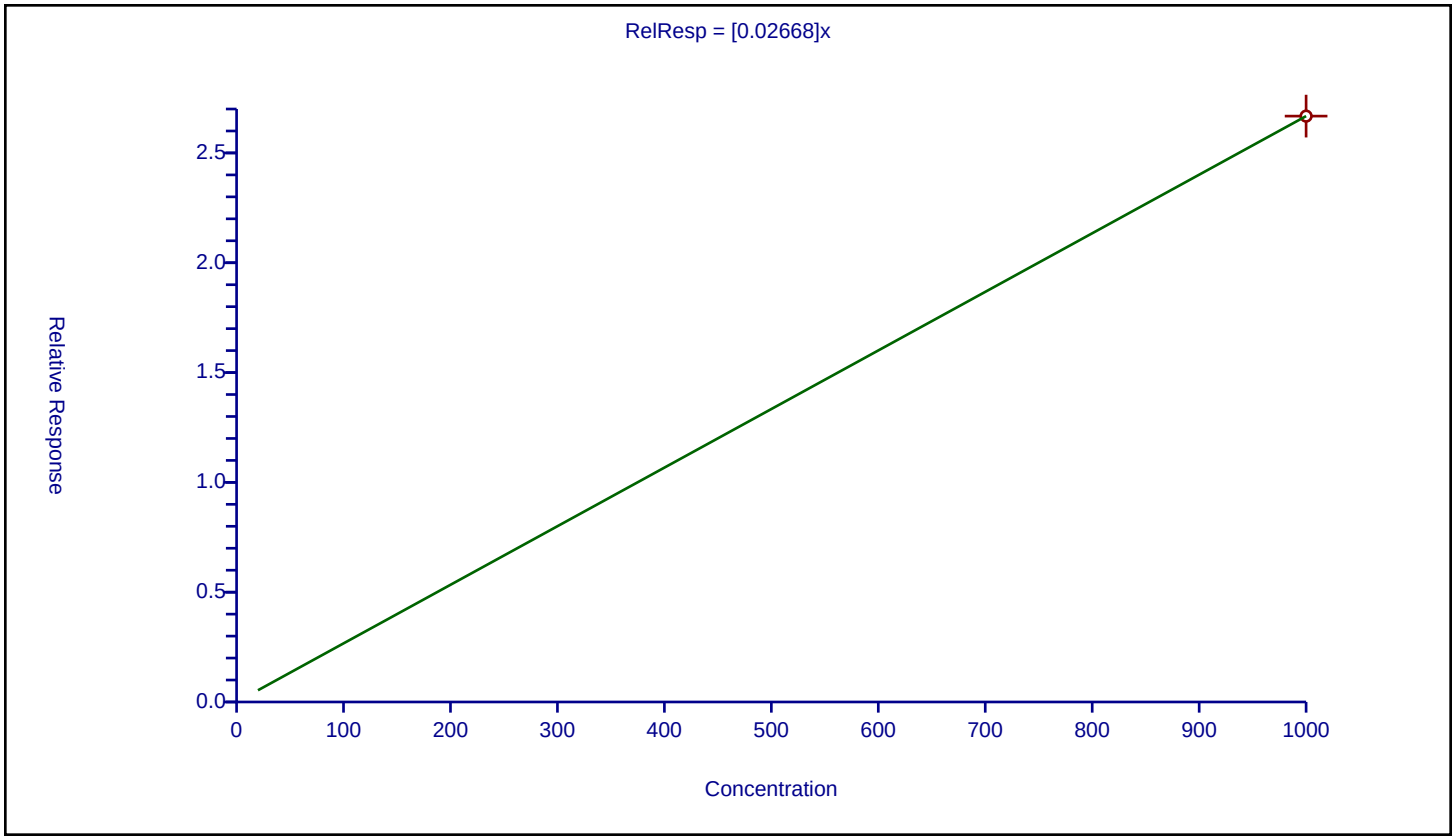
Curve Coefficients

Intercept:	0
Slope:	0.02668

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	26.676876	20.0	49893208.0	0.026677	Y



Calibration / PCB-1242 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

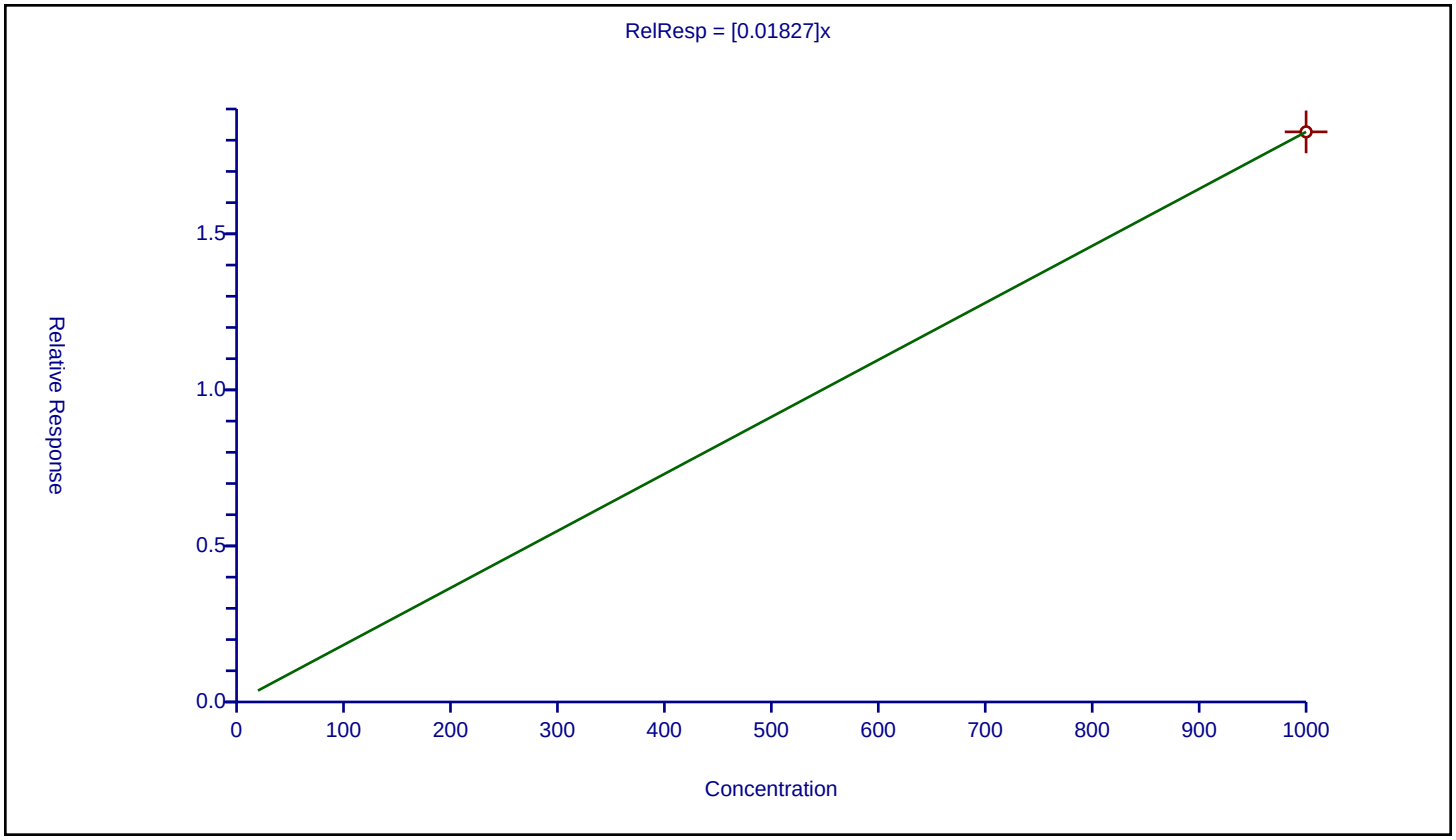
Curve Coefficients

Intercept:	0
Slope:	0.01827

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	18.267717	20.0	49893208.0	0.018268	Y



Calibration / PCB-1242 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

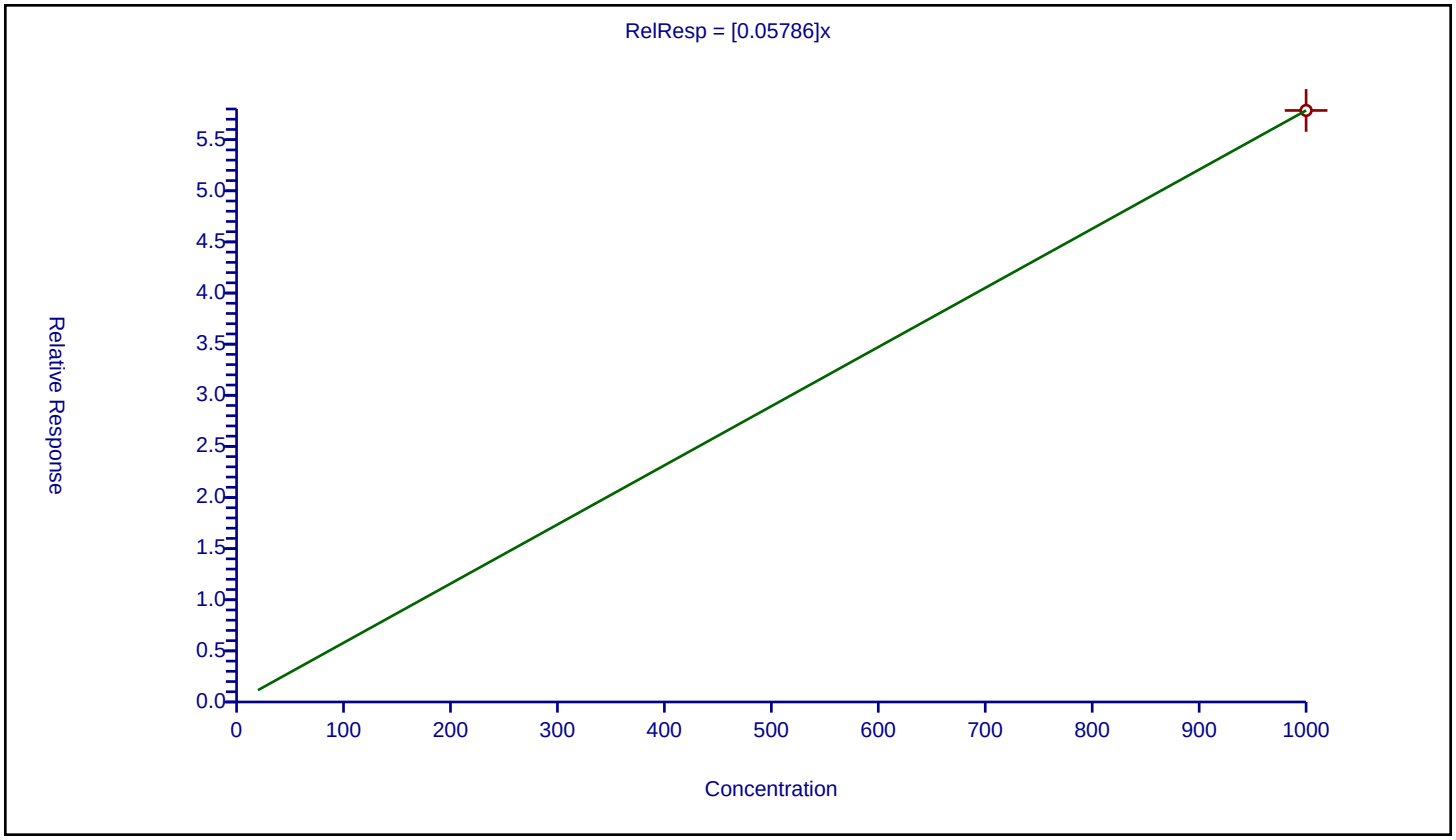
Curve Coefficients

Intercept:	0
Slope:	0.05786

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	57.860288	20.0	49893208.0	0.05786	Y



Calibration / PCB-1242 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

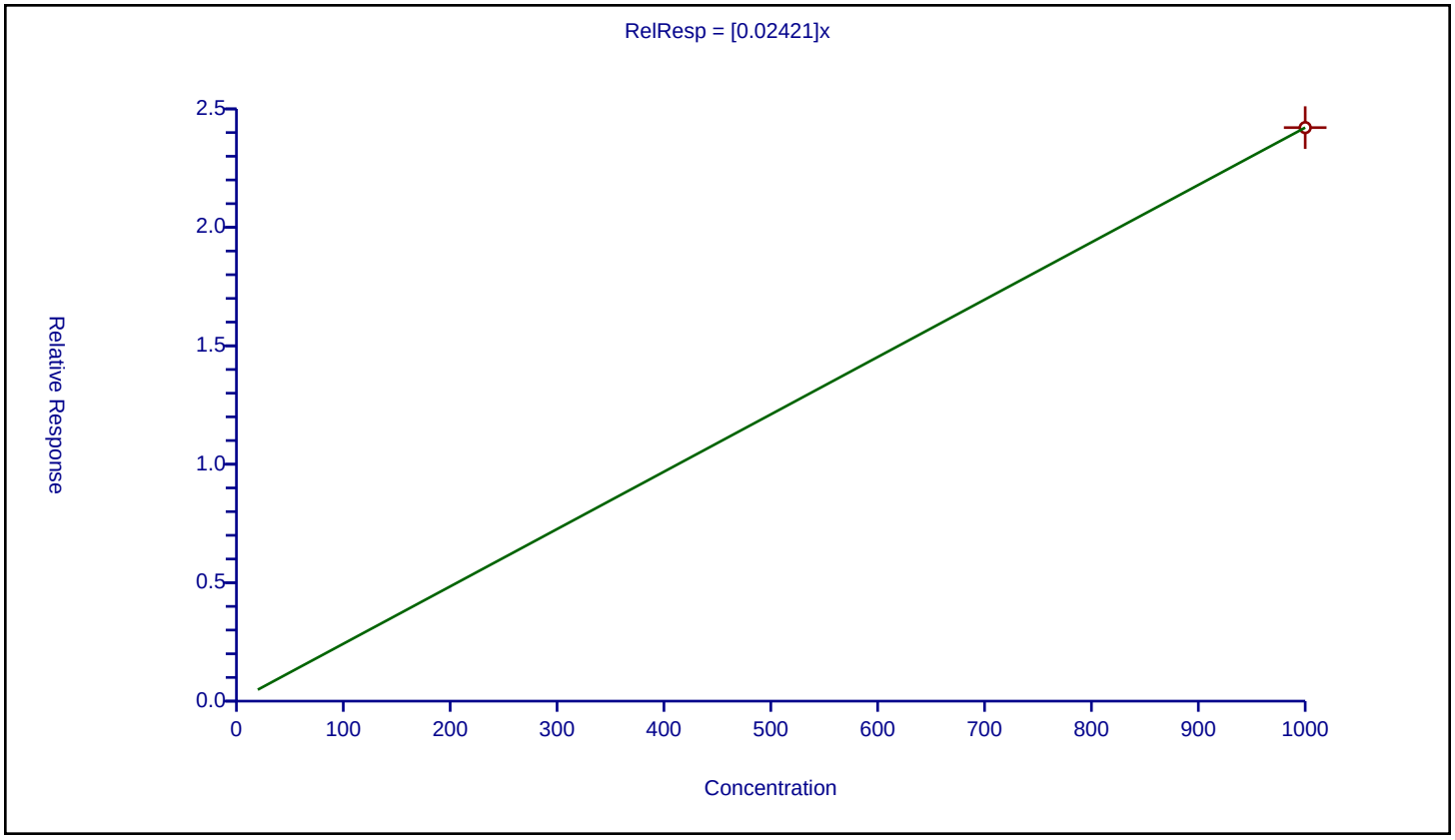
Curve Coefficients

Intercept:	0
Slope:	0.02421

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	24.209757	20.0	49893208.0	0.02421	Y



Calibration / PCB-1242 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

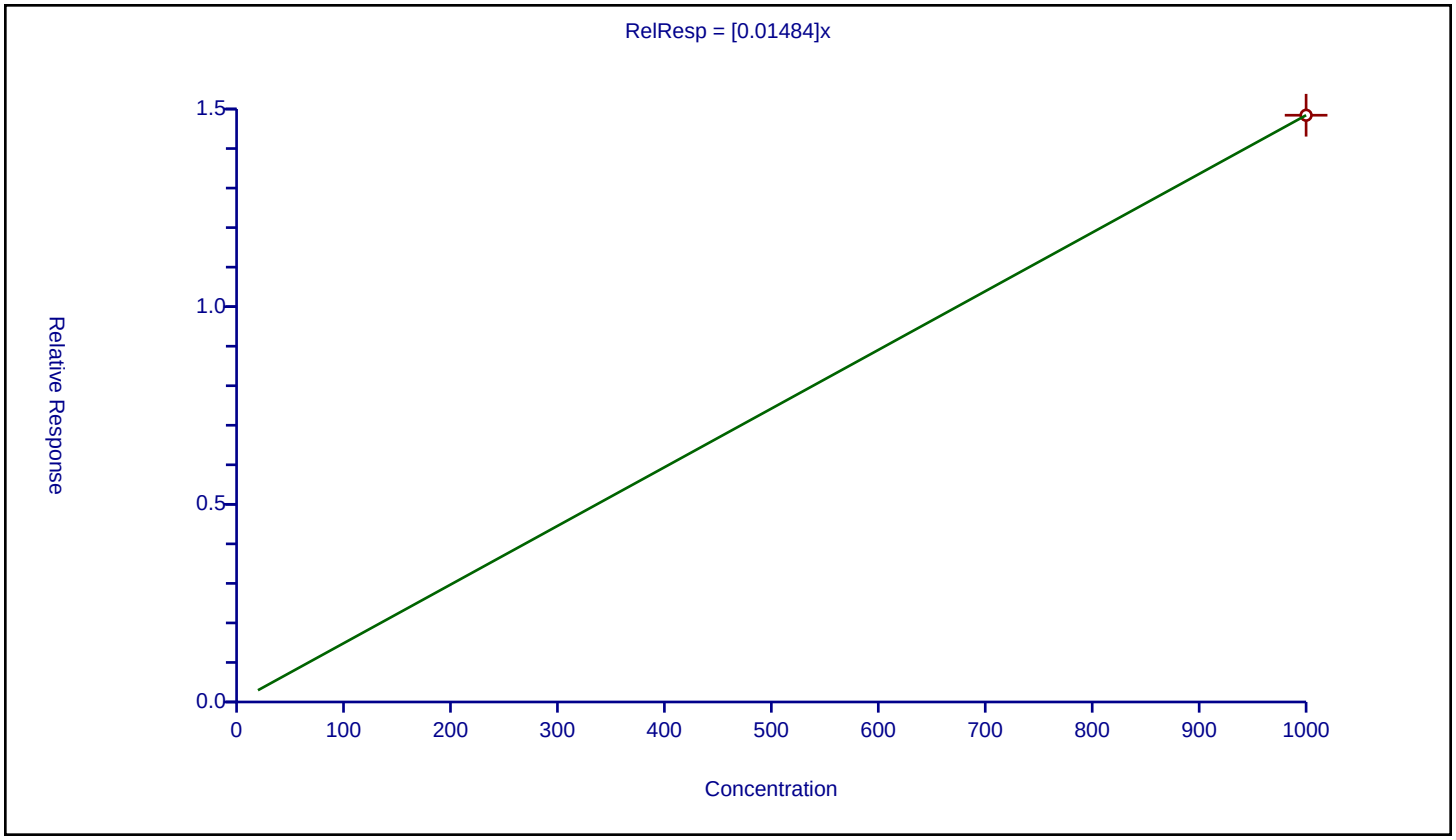
Curve Coefficients

Intercept:	0
Slope:	0.01484

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	14.8427	20.0	49893208.0	0.014843	Y



Calibration / PCB-1242 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

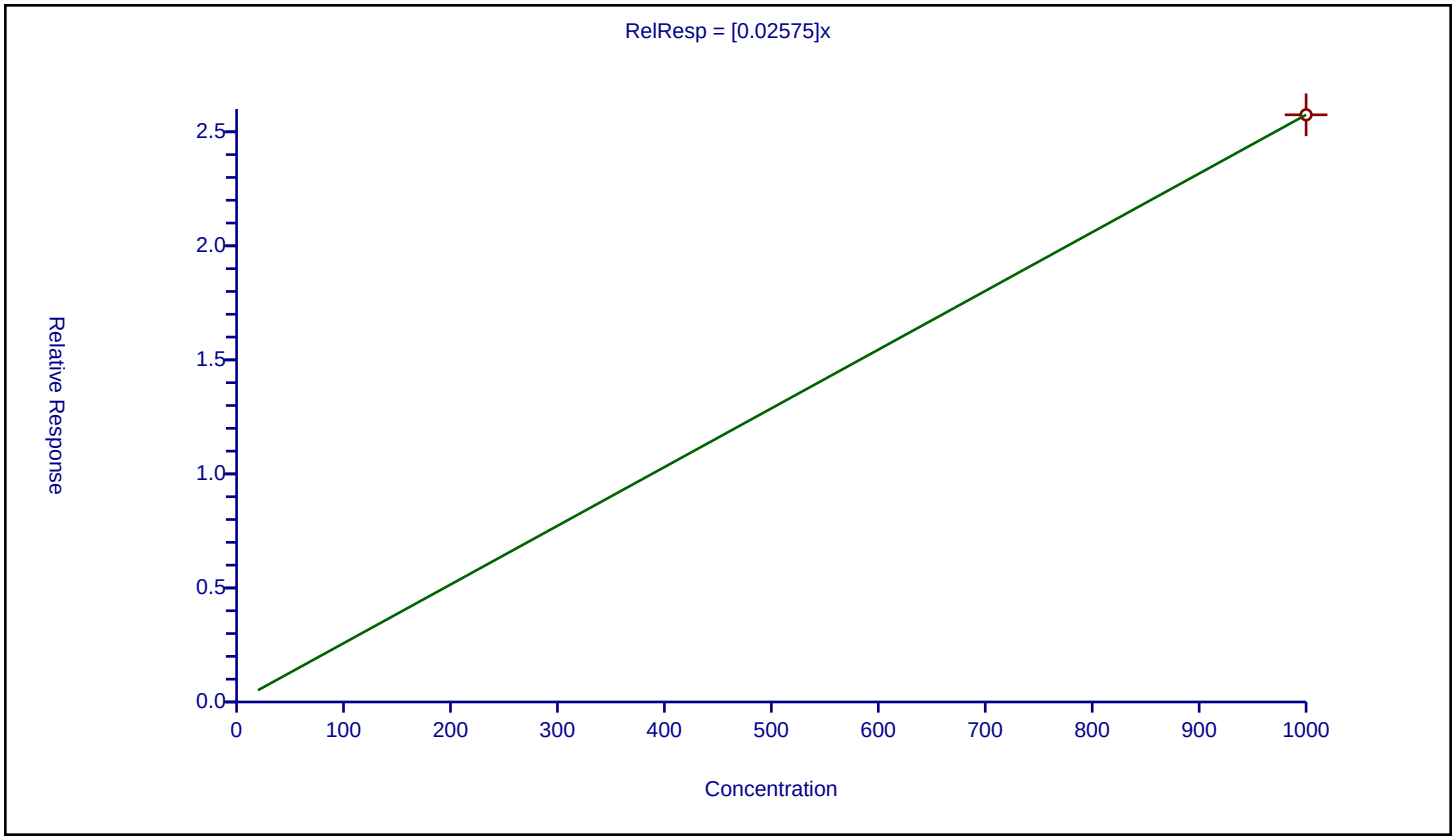
Curve Coefficients

Intercept:	0
Slope:	0.02575

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	25.746239	20.0	49893208.0	0.025746	Y



Calibration / PCB-1242 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

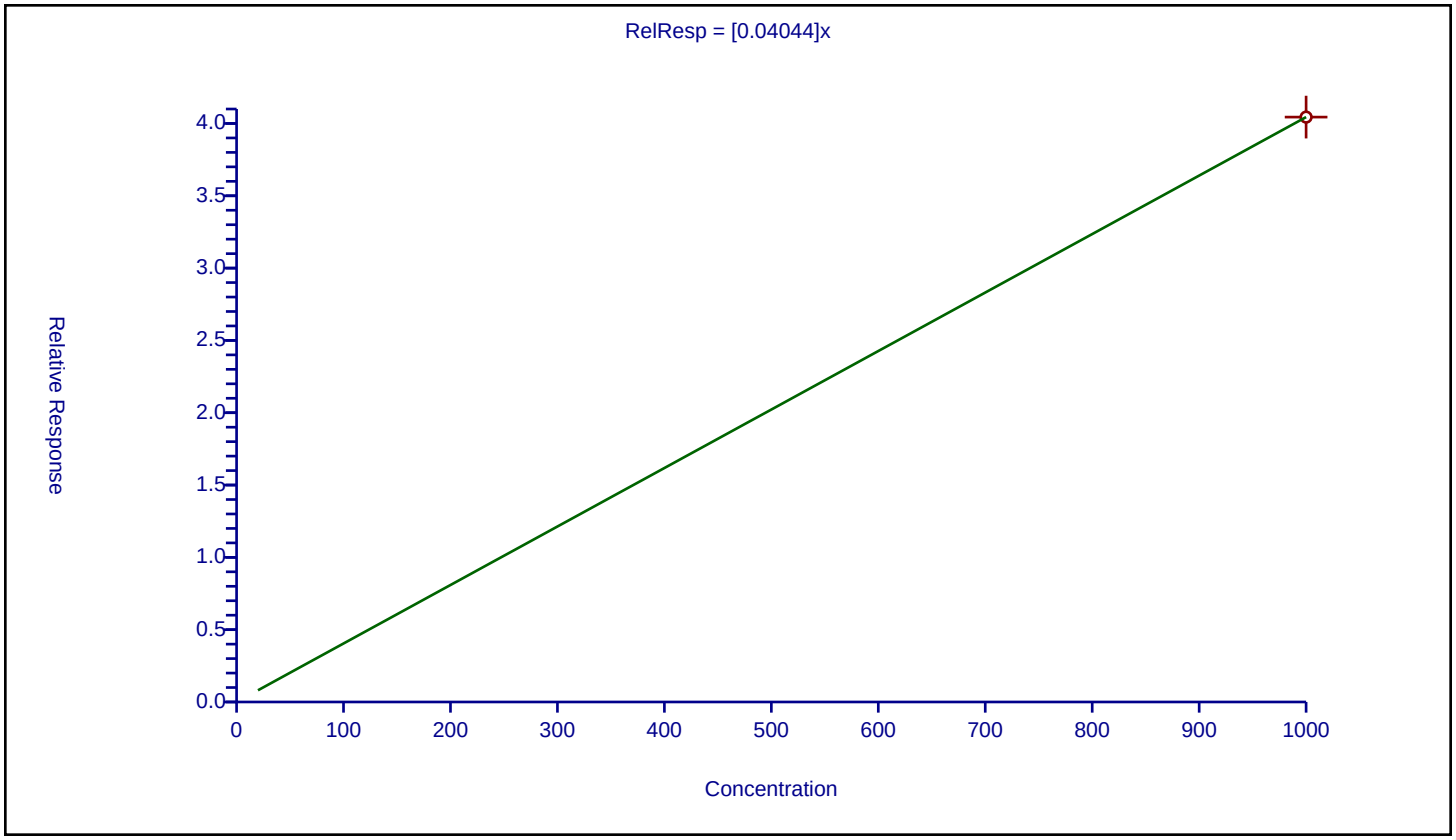
Curve Coefficients

Intercept:	0
Slope:	0.04044

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/10	1000.0	40.441075	20.0	49893208.0	0.040441	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:21 Calibration End Date: 12/28/2020 13:21 Calibration ID: 83256

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/11	T1580628.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0156					Ave		0.0156						20.0			
PCB-1248 Peak 2	0.0358					Ave		0.0358						20.0			
PCB-1248 Peak 3	0.0213					Ave		0.0213						20.0			
PCB-1248 Peak 4	0.0190					Ave		0.0190						20.0			
PCB-1248 Peak 5	0.0313					Ave		0.0313						20.0			
PCB-1248 Peak 6	0.0329					Ave		0.0329						20.0			
PCB-1248 Peak 7	0.0372					Ave		0.0372						20.0			
PCB-1248 Peak 8	0.0214					Ave		0.0214						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:21 Calibration End Date: 12/28/2020 13:21 Calibration ID: 83256

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/11	T1580628.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	37209582					1000				
PCB-1248 Peak 2	BNB	Ave	85266572					1000				
PCB-1248 Peak 3	BNB	Ave	50609152					1000				
PCB-1248 Peak 4	BNB	Ave	45342706					1000				
PCB-1248 Peak 5	BNB	Ave	74590173					1000				
PCB-1248 Peak 6	BNB	Ave	78266494					1000				
PCB-1248 Peak 7	BNB	Ave	88675917					1000				
PCB-1248 Peak 8	BNB	Ave	51006390					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580628.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 13:21:33 ALS Bottle#: 16 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-011
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:14 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 12:44:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.701	1.701	0.000	47629559	20.0	20.0	M
2	1.424	1.424	0.000	50588154	20.0	20.0	M
						RPD = 0.00	
6 PCB-1248							M
1	3.820	3.820	0.000	37209582	1000.0	1000.0	M
1	4.390	4.390	0.000	85266572	1000.0	1000.0	M
1	4.824	4.824	0.000	50609152	1000.0	1000.0	M
1	4.874	4.874	0.000	45342706	1000.0	1000.0	M
1	5.305	5.305	0.000	74590173	1000.0	1000.0	M
1	5.642	5.642	0.000	78266494	1000.0	1000.0	M
1	5.699	5.699	0.000	88675917	1000.0	1000.0	M
1	6.652	6.652	0.000	51006390	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.846	2.846	0.000	36235147	1000.0	1000.0	M
2	3.361	3.361	0.000	97494313	1000.0	1000.0	M
2	3.734	3.734	0.000	102847241	1000.0	1000.0	M
2	4.080	4.080	0.000	59210547	1000.0	1000.0	M
2	4.479	4.479	0.000	91210294	1000.0	1000.0	M
2	4.734	4.734	0.000	72640540	1000.0	1000.0	M
2	5.197	5.197	0.000	48319219	1000.0	1000.0	M
2	5.877	5.877	0.000	29890778	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1248L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:33:15 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580628.D

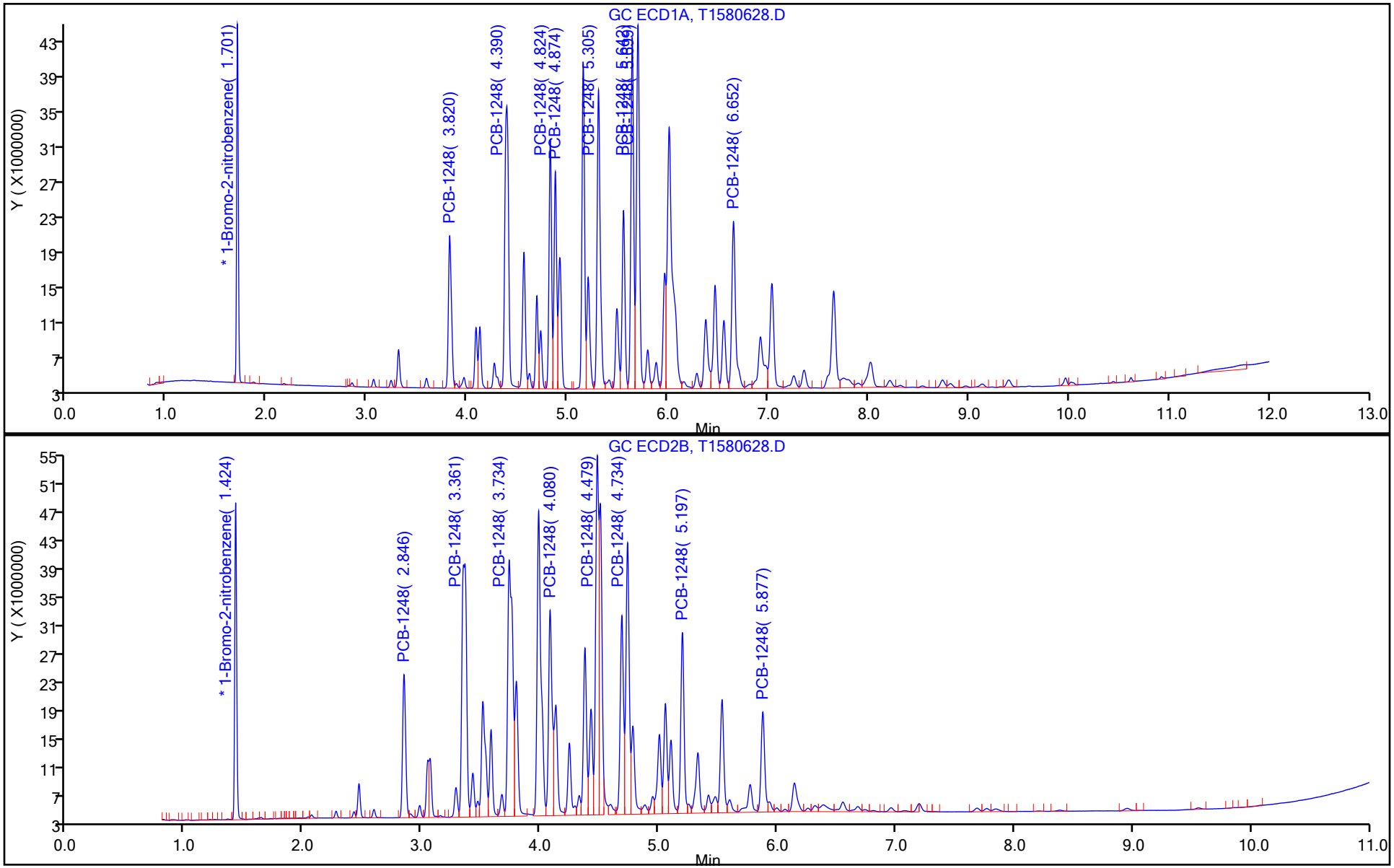
Injection Date: 28-Dec-2020 13:21:33 Instrument ID: CPESTGC11 Operator ID:

Lims ID: IC 1248 Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



Eurofins TestAmerica, Edison

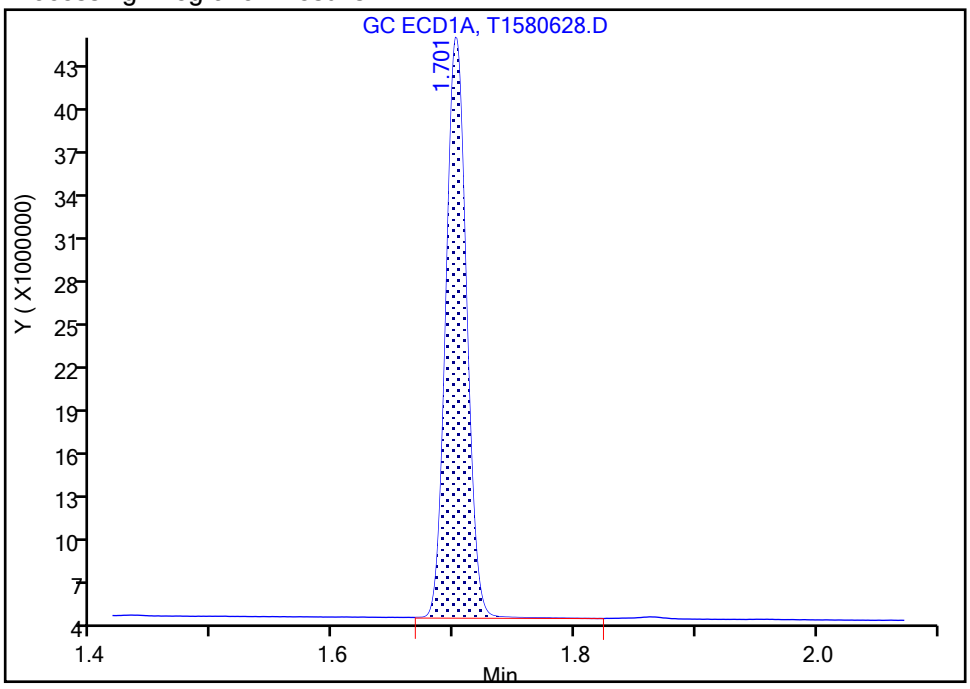
Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580628.D
Injection Date: 28-Dec-2020 13:21:33 Instrument ID: CPESTGC11
Lims ID: IC 1248
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

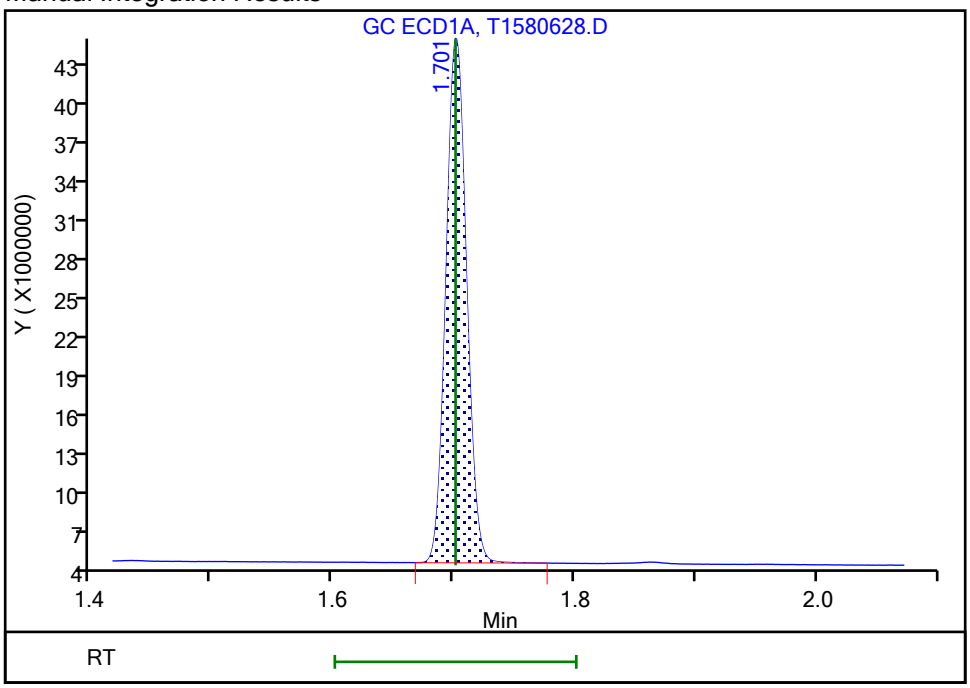
Processing Integration Results

RT: 1.70
Area: 47879154
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.70
Area: 47629559
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 28-Dec-2020 12:44:31
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Report Date: 28-Dec-2020 13:33:15 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580628.D

Injection Date: 28-Dec-2020 13:21:33 Instrument ID: CPESTGC11

Lims ID: IC 1248

Client ID:

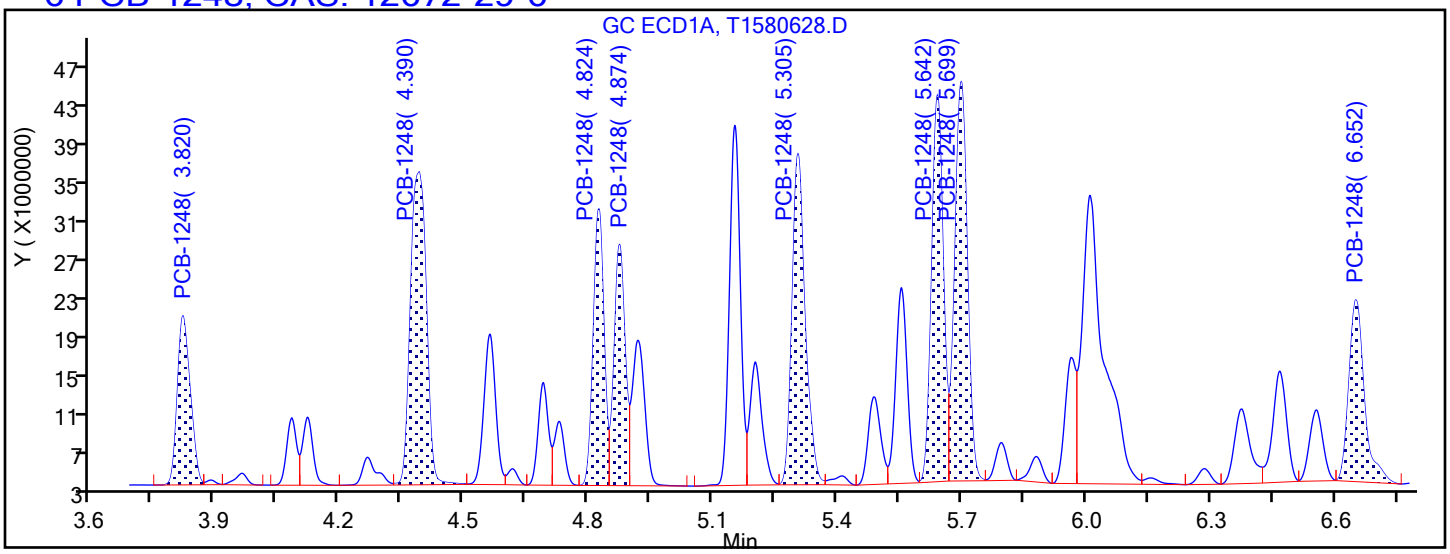
Operator ID: ALS Bottle#: 16 Worklist Smp#: 11

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

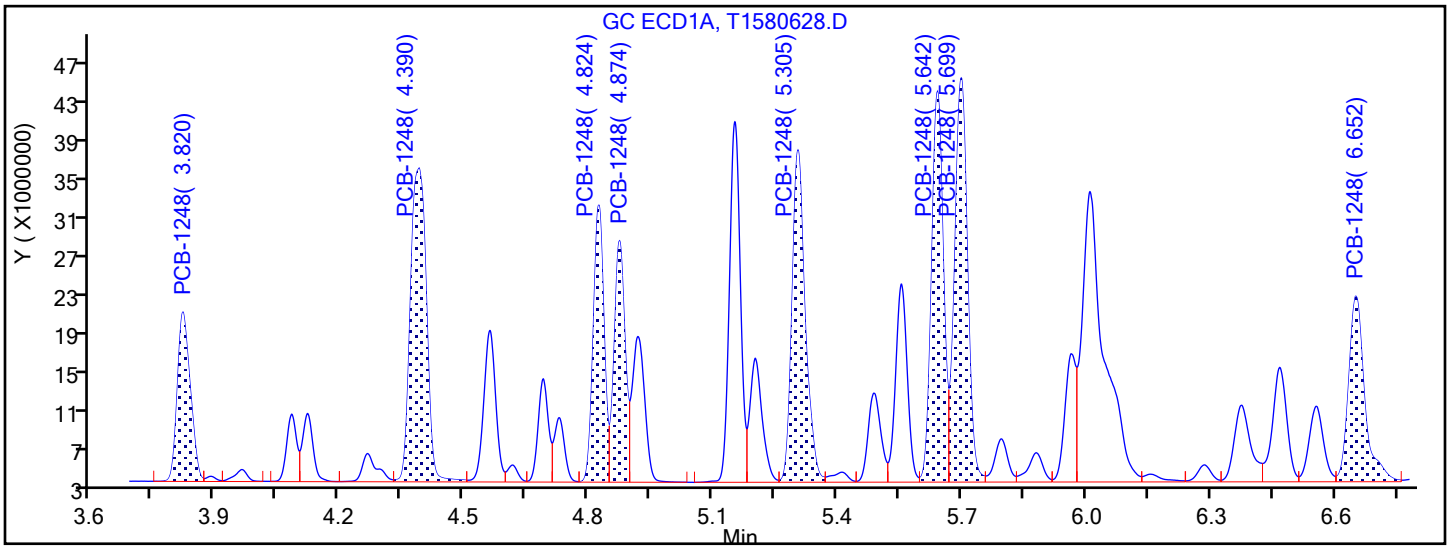
Column: Detector GC ECD1A

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

3.820	Response = 37024461
4.390	Response = 84297419
4.824	Response = 50429904
4.874	Response = 45250512
5.305	Response = 73764260
5.642	Response = 76536873
5.699	Response = 85998118
6.652	Response = 47936770



Manual Integration Results

3.820	Response = 37209582	M
4.390	Response = 85266572	M
4.824	Response = 50609152	M
4.874	Response = 45342706	M
5.305	Response = 74590173	M
5.642	Response = 78266494	M

Calibration / PCB-1248 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

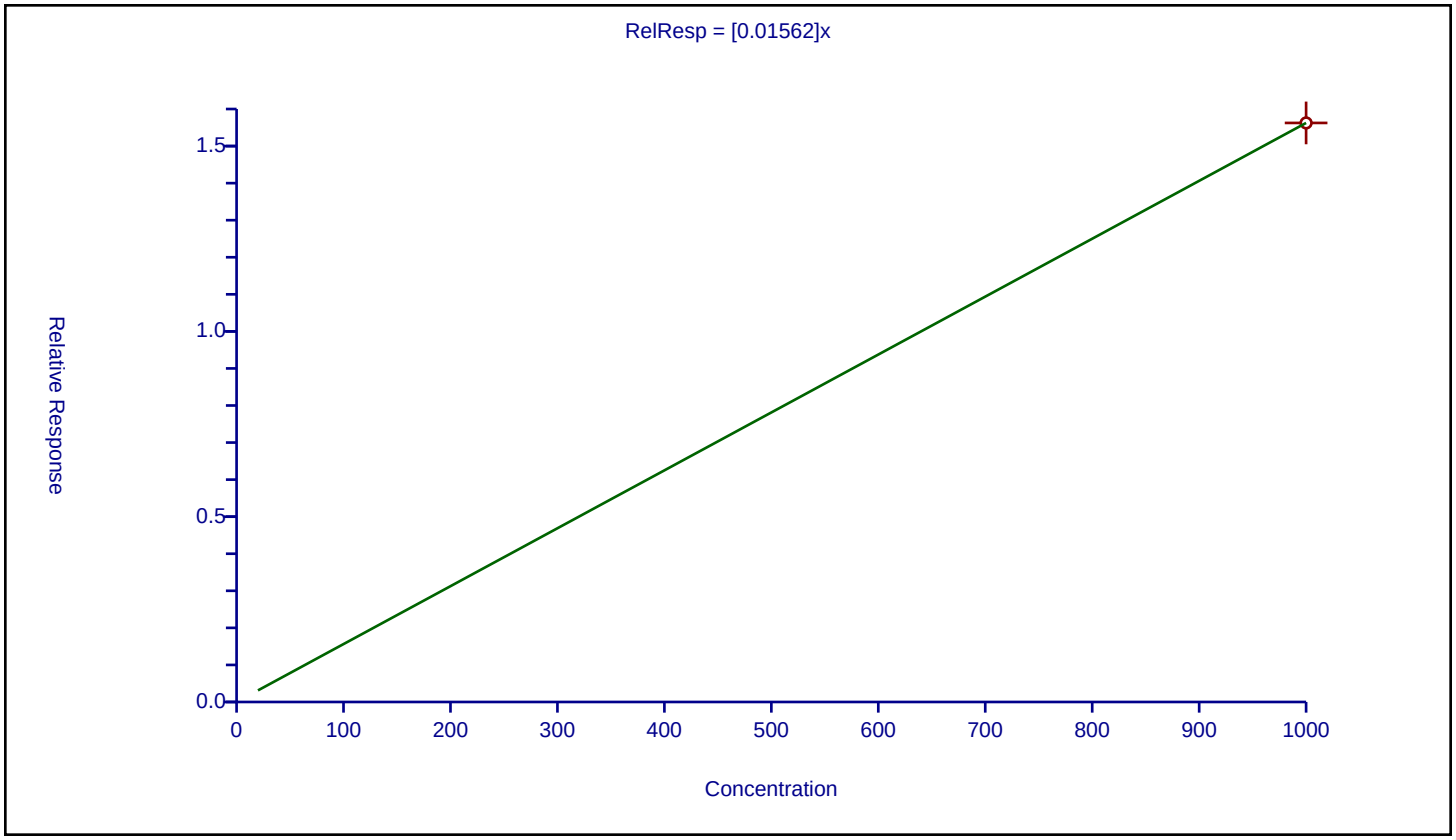
Curve Coefficients

Intercept:	0
Slope:	0.01562

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	15.624575	20.0	47629559.0	0.015625	Y



Calibration / PCB-1248 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

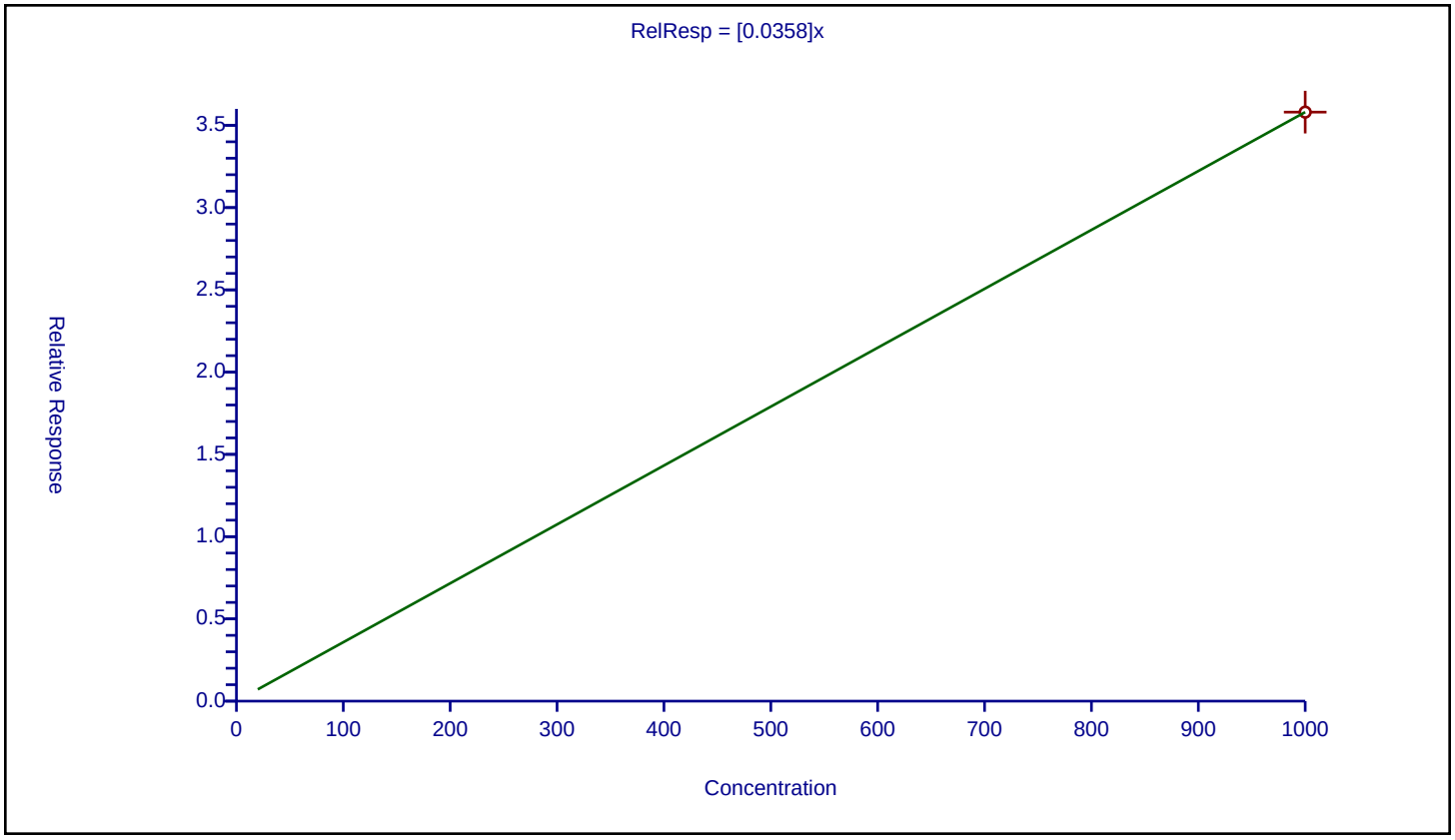
Curve Coefficients

Intercept:	0
Slope:	0.0358

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	35.804057	20.0	47629559.0	0.035804	Y



Calibration / PCB-1248 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

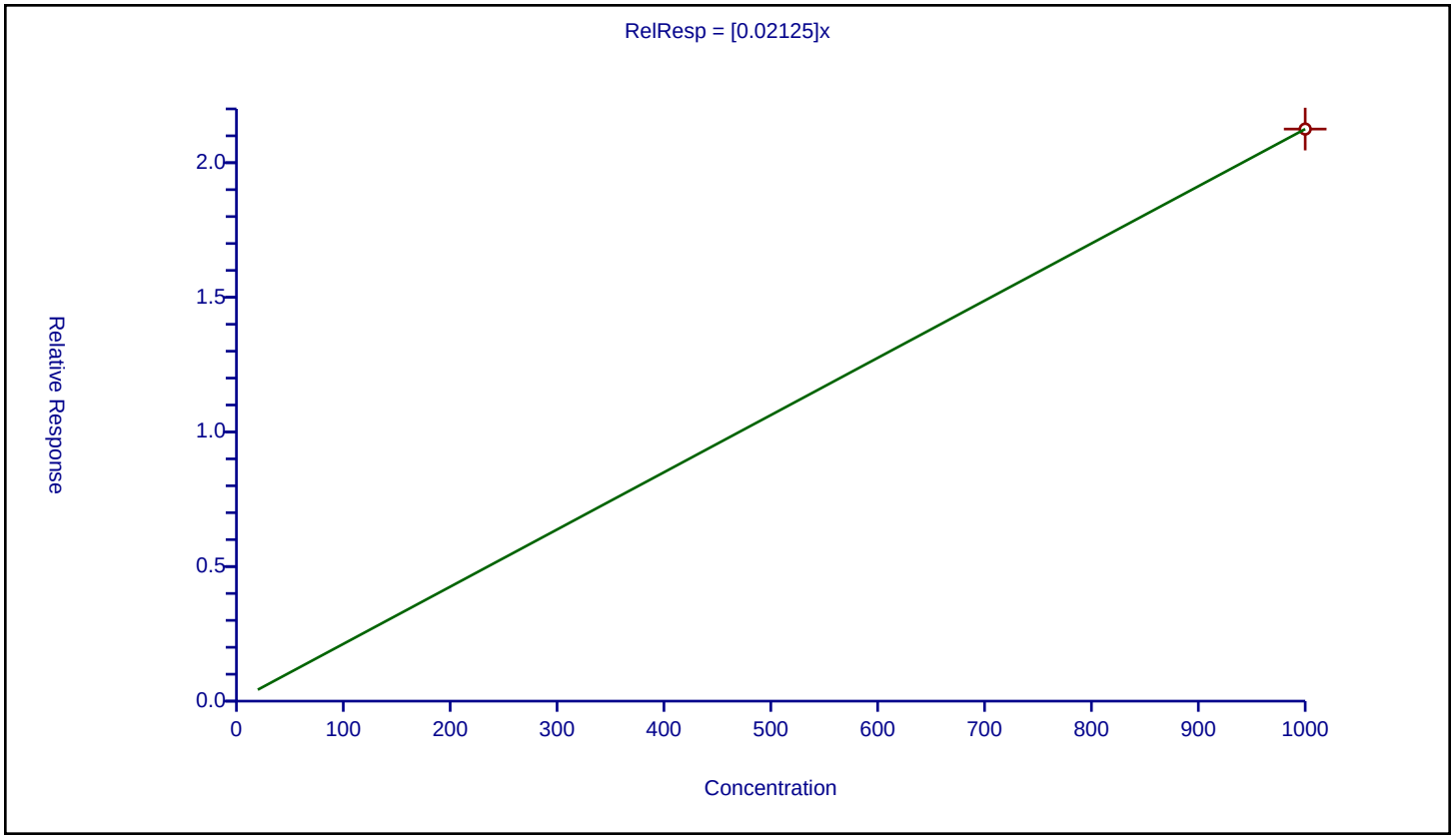
Curve Coefficients

Intercept:	0
Slope:	0.02125

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	21.251153	20.0	47629559.0	0.021251	Y



Calibration / PCB-1248 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

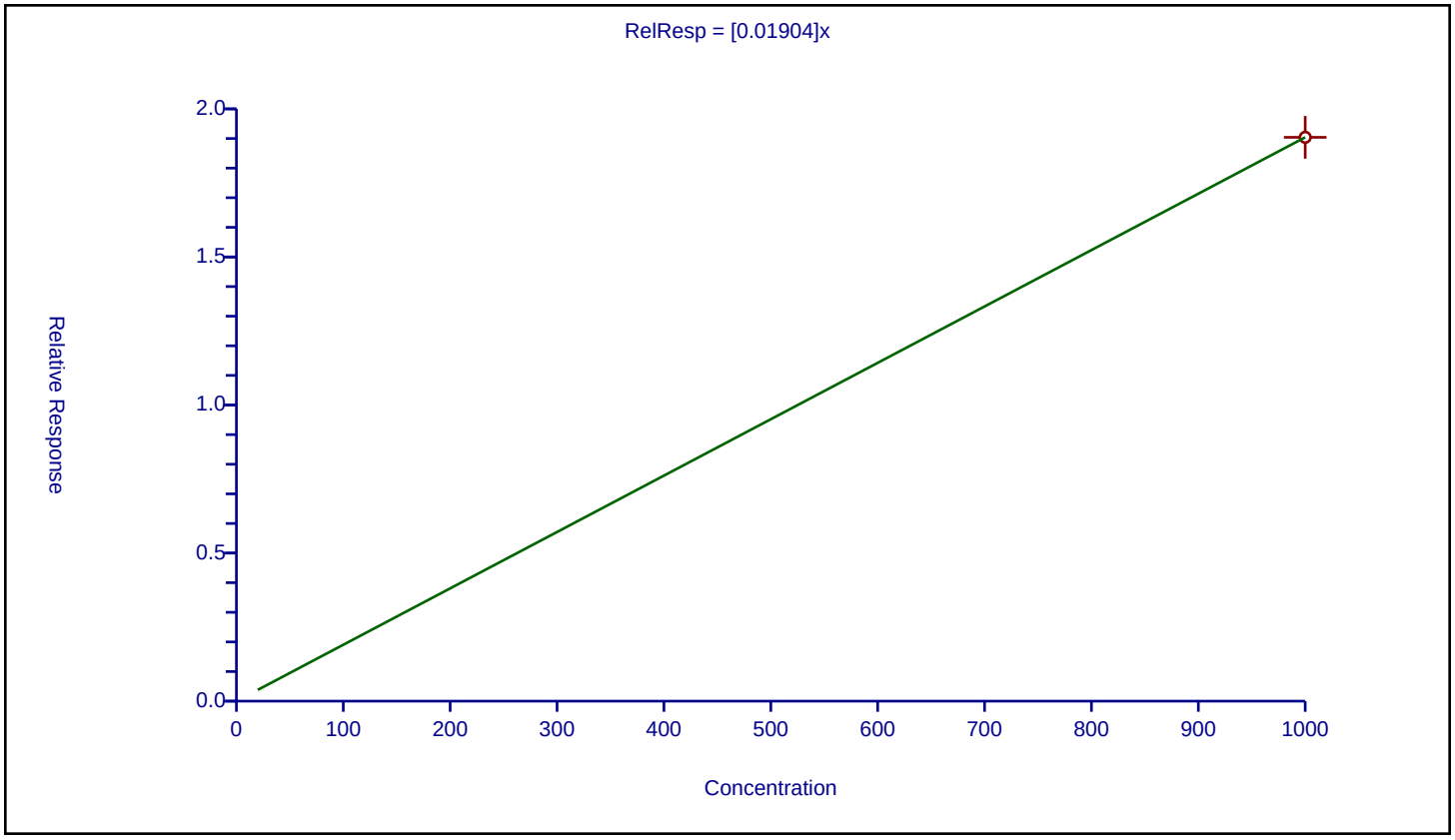
Curve Coefficients

Intercept:	0
Slope:	0.01904

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	19.039734	20.0	47629559.0	0.01904	Y



Calibration / PCB-1248 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

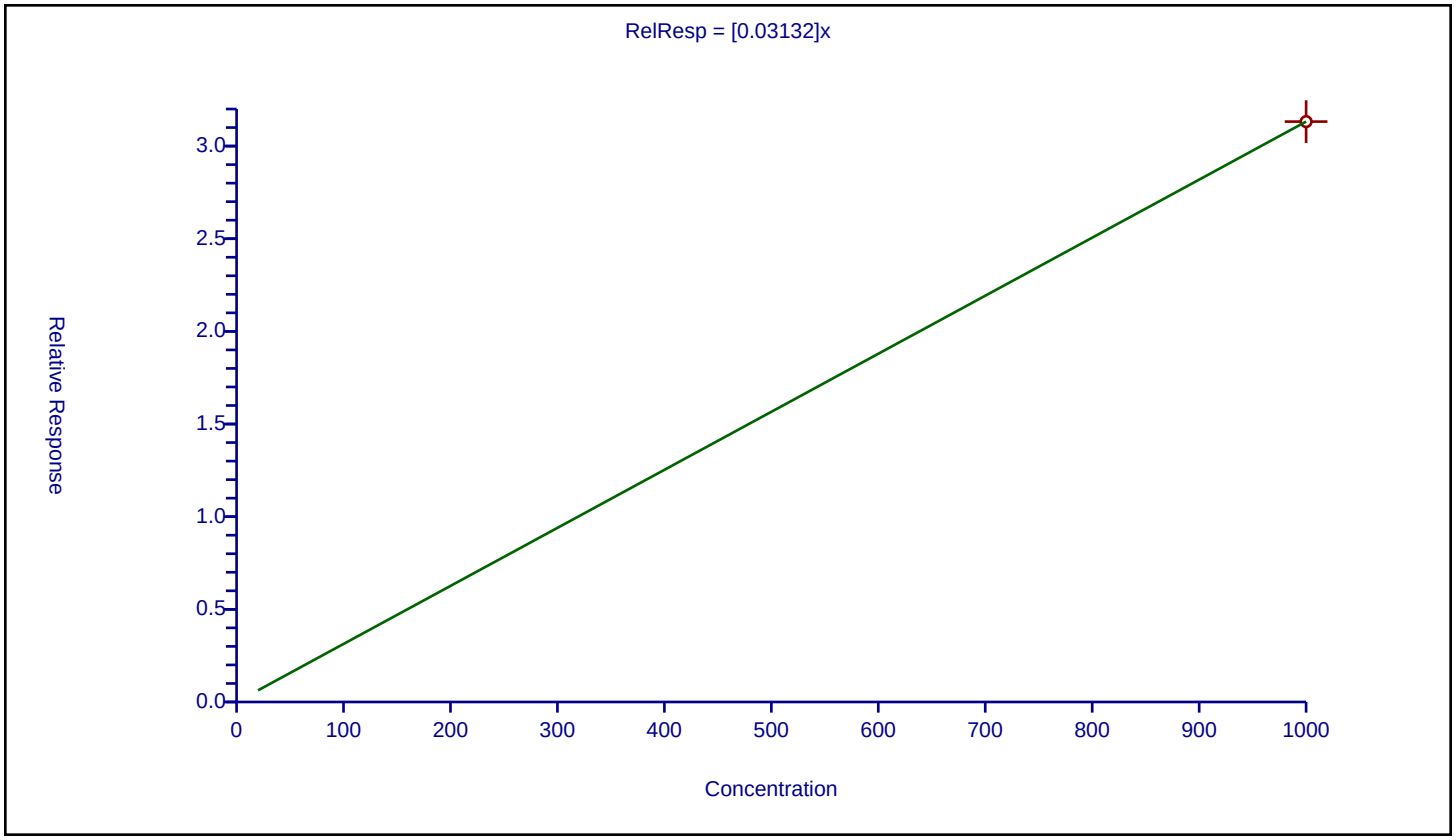
Curve Coefficients

Intercept:	0
Slope:	0.03132

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	31.320959	20.0	47629559.0	0.031321	Y



Calibration / PCB-1248 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

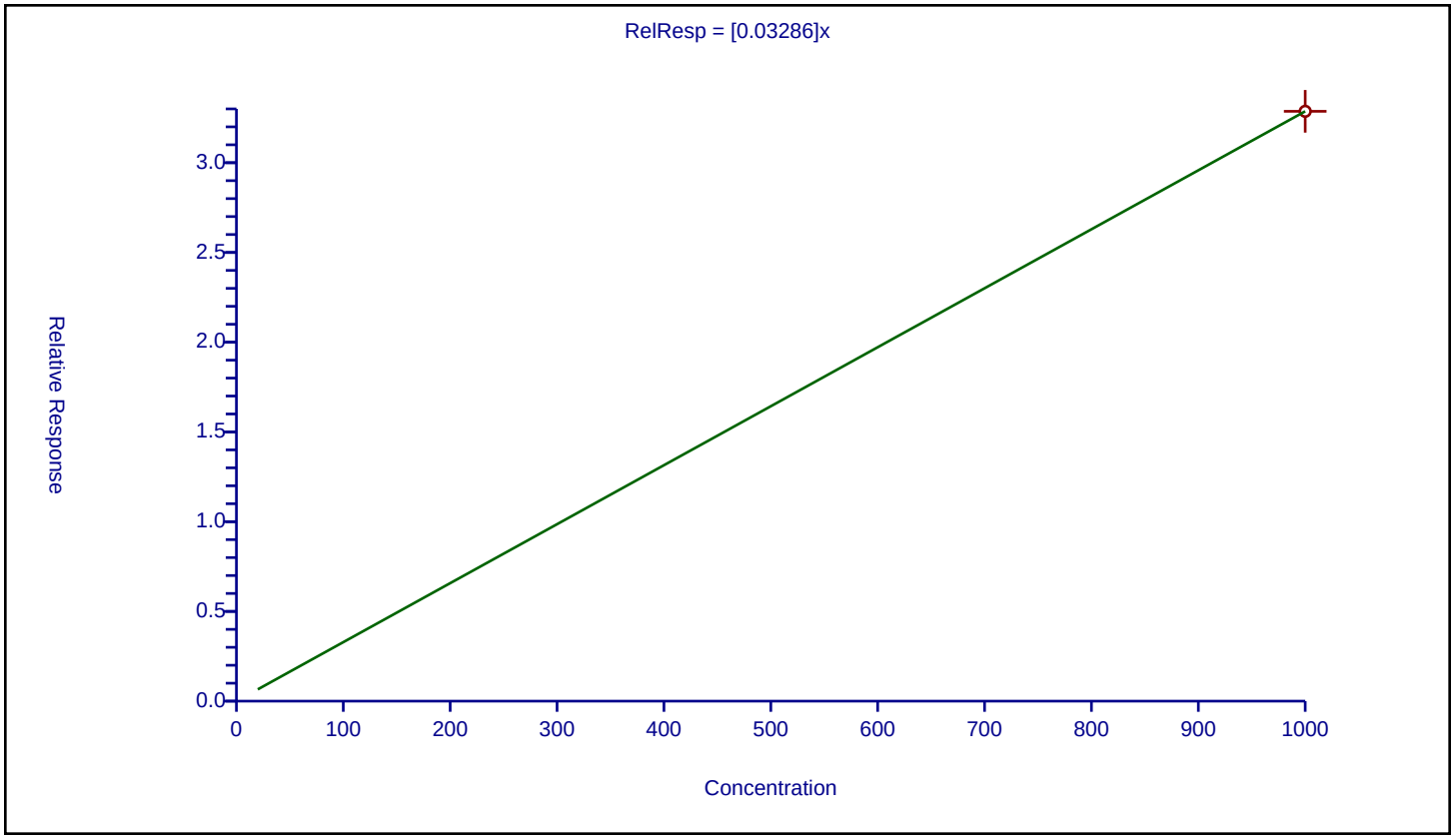
Curve Coefficients

Intercept:	0
Slope:	0.03286

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	32.864673	20.0	47629559.0	0.032865	Y



Calibration / PCB-1248 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

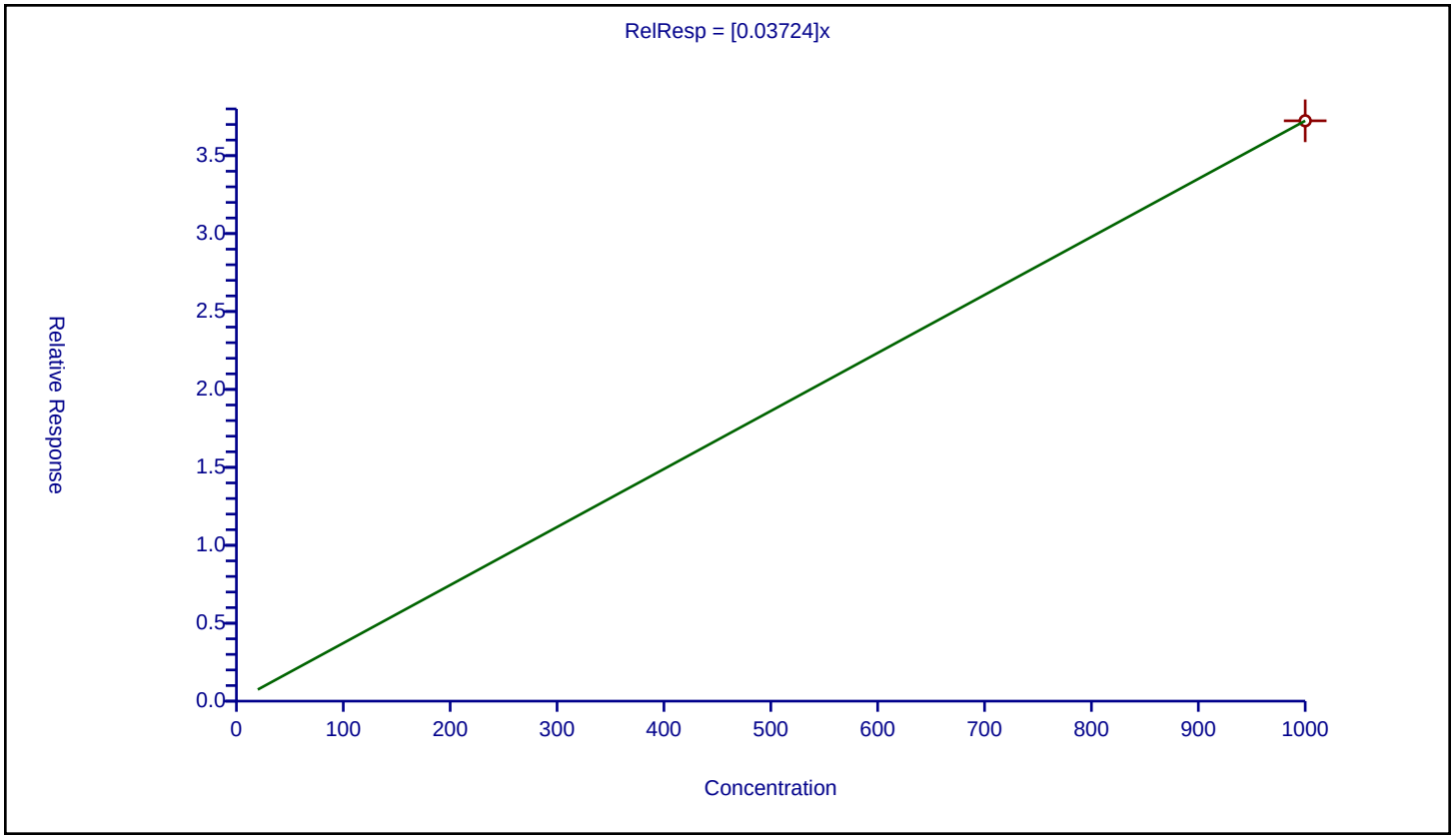
Curve Coefficients

Intercept:	0
Slope:	0.03724

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	37.235666	20.0	47629559.0	0.037236	Y



Calibration / PCB-1248 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

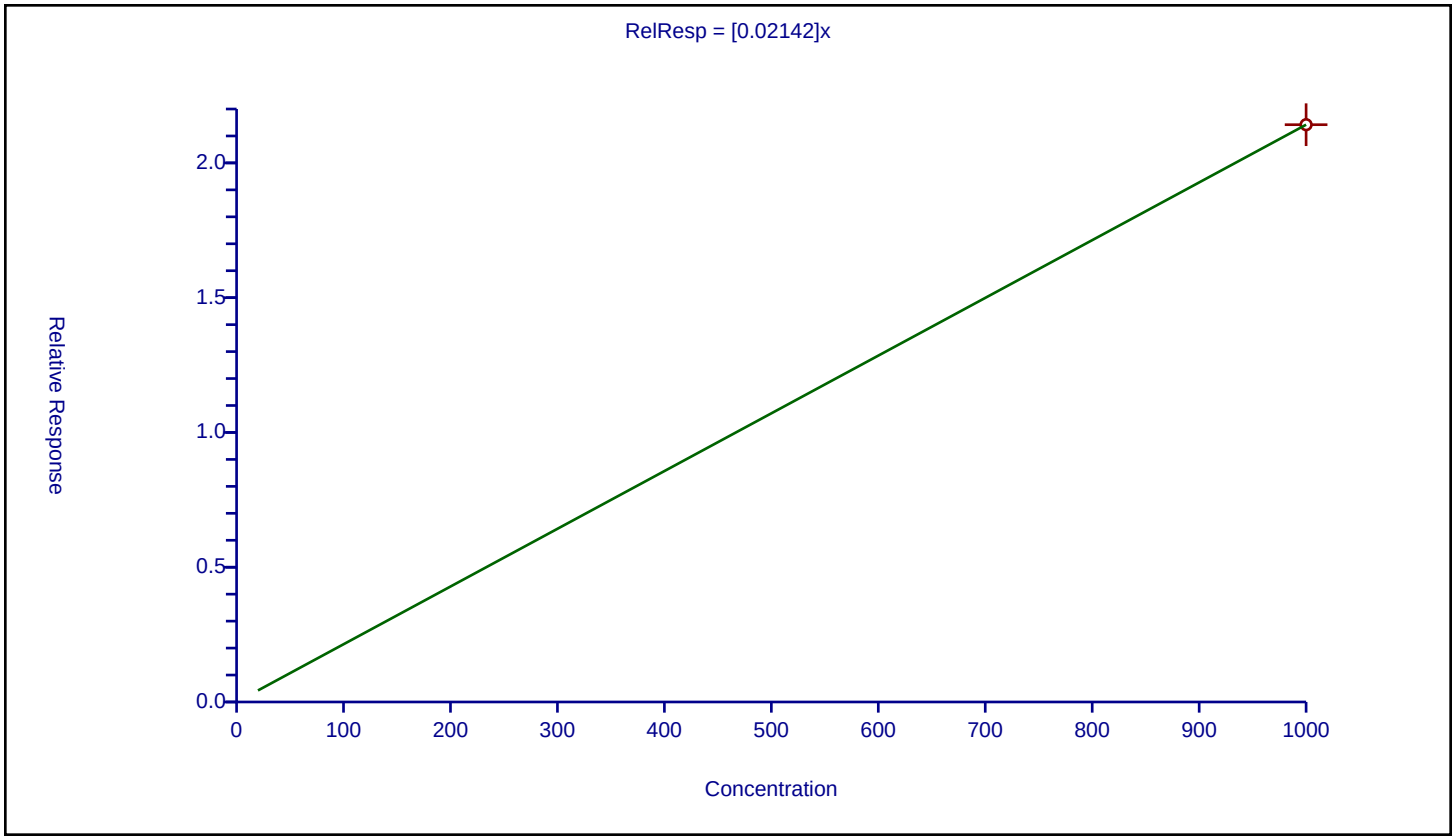
Curve Coefficients

Intercept:	0
Slope:	0.02142

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	21.417956	20.0	47629559.0	0.021418	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:21 Calibration End Date: 12/28/2020 13:21 Calibration ID: 83257

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/11	T1580628.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0143					Ave		0.0143						20.0			
PCB-1248 Peak 2	0.0385					Ave		0.0385						20.0			
PCB-1248 Peak 3	0.0407					Ave		0.0407						20.0			
PCB-1248 Peak 4	0.0234					Ave		0.0234						20.0			
PCB-1248 Peak 5	0.0361					Ave		0.0361						20.0			
PCB-1248 Peak 6	0.0287					Ave		0.0287						20.0			
PCB-1248 Peak 7	0.0191					Ave		0.0191						20.0			
PCB-1248 Peak 8	0.0118					Ave		0.0118						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:21 Calibration End Date: 12/28/2020 13:21 Calibration ID: 83257

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/11	T1580628.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	36235147					1000				
PCB-1248 Peak 2	BNB	Ave	97494313					1000				
PCB-1248 Peak 3	BNB	Ave	102847241					1000				
PCB-1248 Peak 4	BNB	Ave	59210547					1000				
PCB-1248 Peak 5	BNB	Ave	91210294					1000				
PCB-1248 Peak 6	BNB	Ave	72640540					1000				
PCB-1248 Peak 7	BNB	Ave	48319219					1000				
PCB-1248 Peak 8	BNB	Ave	29890778					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580628.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 13:21:33 ALS Bottle#: 16 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-011
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:14 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 12:44:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.701	1.701	0.000	47629559	20.0	20.0	M
2	1.424	1.424	0.000	50588154	20.0	20.0	M
						RPD = 0.00	
6 PCB-1248							M
1	3.820	3.820	0.000	37209582	1000.0	1000.0	M
1	4.390	4.390	0.000	85266572	1000.0	1000.0	M
1	4.824	4.824	0.000	50609152	1000.0	1000.0	M
1	4.874	4.874	0.000	45342706	1000.0	1000.0	M
1	5.305	5.305	0.000	74590173	1000.0	1000.0	M
1	5.642	5.642	0.000	78266494	1000.0	1000.0	M
1	5.699	5.699	0.000	88675917	1000.0	1000.0	M
1	6.652	6.652	0.000	51006390	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.846	2.846	0.000	36235147	1000.0	1000.0	M
2	3.361	3.361	0.000	97494313	1000.0	1000.0	M
2	3.734	3.734	0.000	102847241	1000.0	1000.0	M
2	4.080	4.080	0.000	59210547	1000.0	1000.0	M
2	4.479	4.479	0.000	91210294	1000.0	1000.0	M
2	4.734	4.734	0.000	72640540	1000.0	1000.0	M
2	5.197	5.197	0.000	48319219	1000.0	1000.0	M
2	5.877	5.877	0.000	29890778	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1248L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:33:15 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580628.D

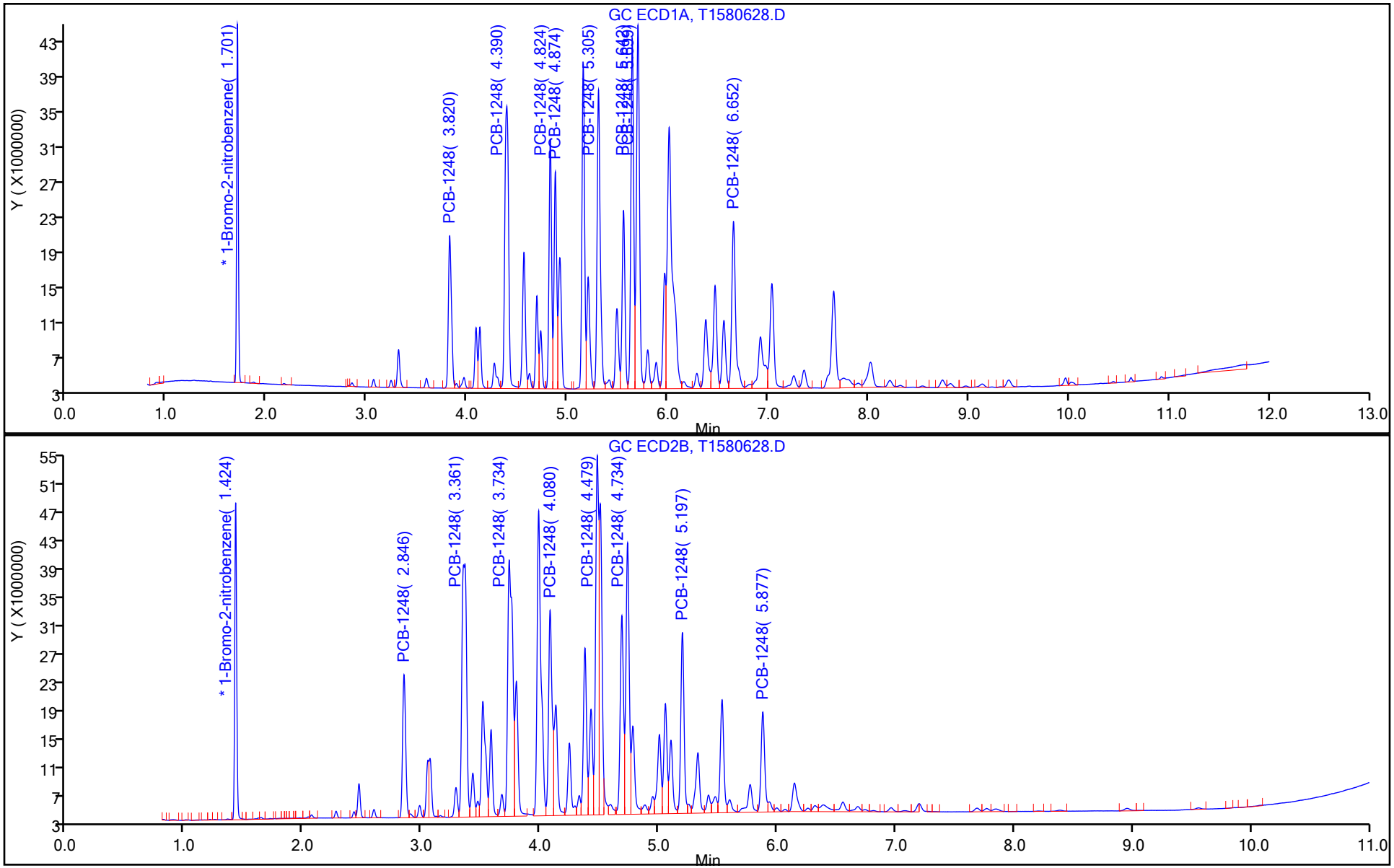
Injection Date: 28-Dec-2020 13:21:33 Instrument ID: CPESTGC11 Operator ID:

Lims ID: IC 1248 Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

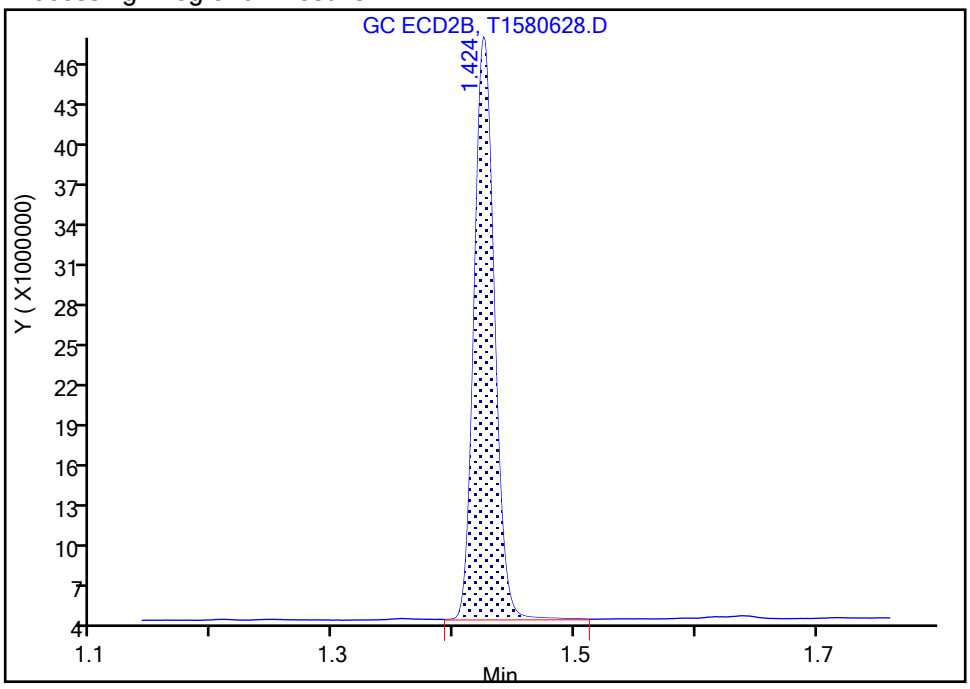
Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580628.D
Injection Date: 28-Dec-2020 13:21:33 Instrument ID: CPESTGC11
Lims ID: IC 1248
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

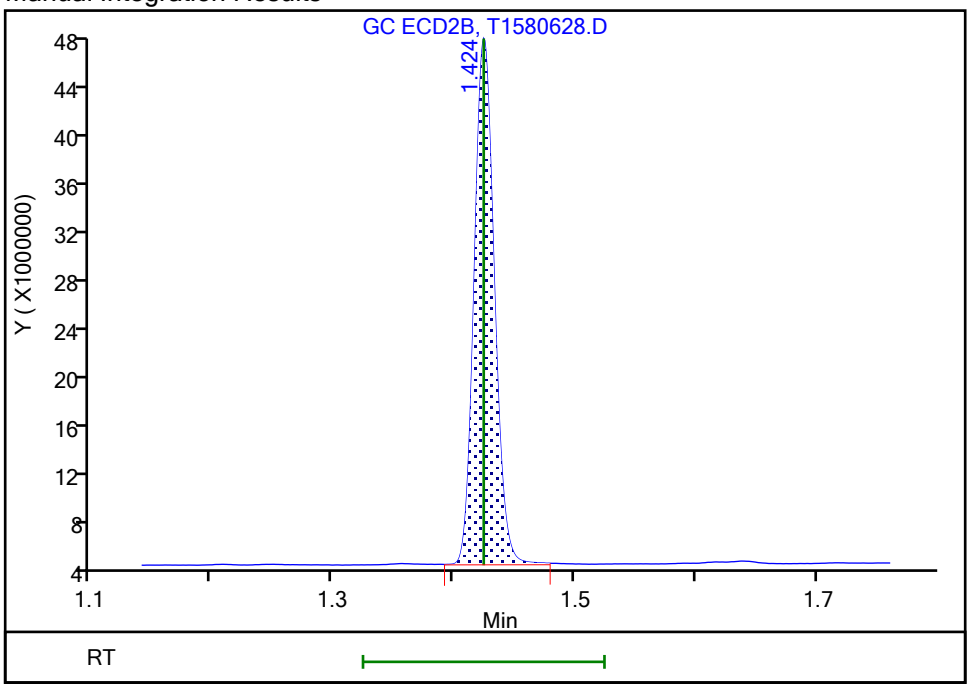
Processing Integration Results

RT: 1.42
Area: 50742518
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 50588154
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 28-Dec-2020 12:44:26
Audit Action: Split an Integrated Peak Audit Reason: Peak not integrated

Report Date: 28-Dec-2020 13:33:15 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580628.D

Injection Date: 28-Dec-2020 13:21:33 Instrument ID: CPESTGC11

Lims ID: IC 1248

Client ID:

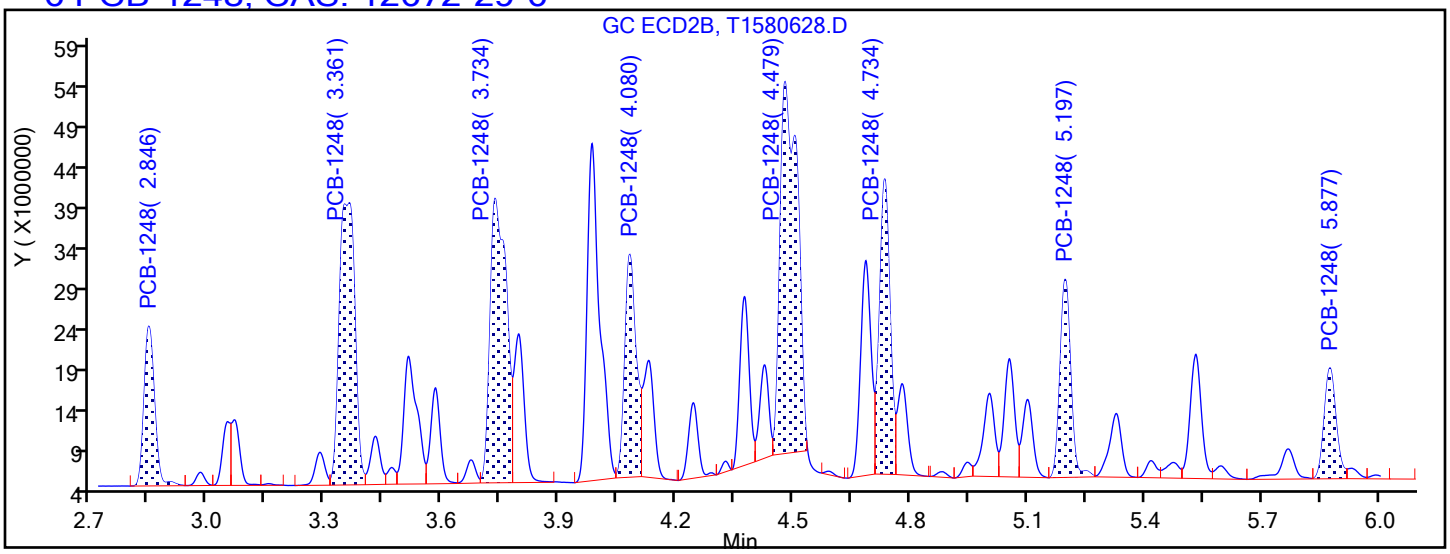
Operator ID: ALS Bottle#: 16 Worklist Smp#: 11

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

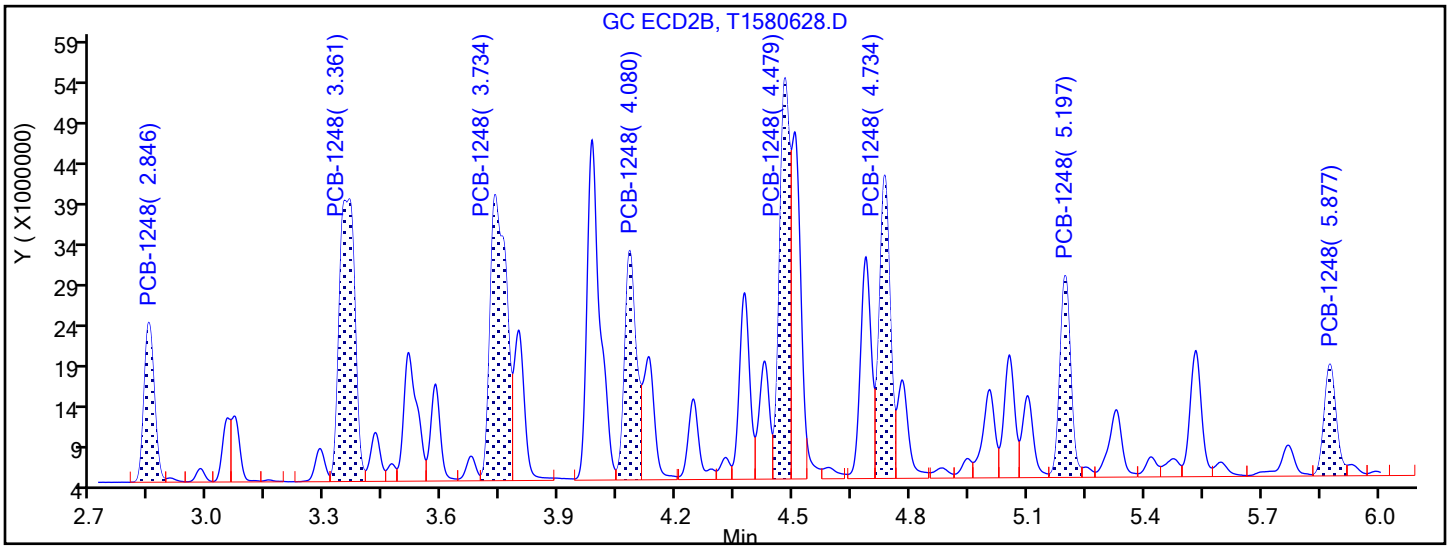
Column: Detector GC ECD2B

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

2.846	Response = 37050943
3.361	Response = 97271577
3.734	Response = 101850333
4.080	Response = 56079099
4.479	Response = 140310847
4.734	Response = 69499249
5.197	Response = 47048404
5.877	Response = 29332711



Manual Integration Results

2.846	Response = 36235147	M
3.361	Response = 97494313	M
3.734	Response = 102847241	M
4.080	Response = 59210547	M
4.479	Response = 91210294	M
4.734	Response = 72640540	M

Calibration / PCB-1248 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

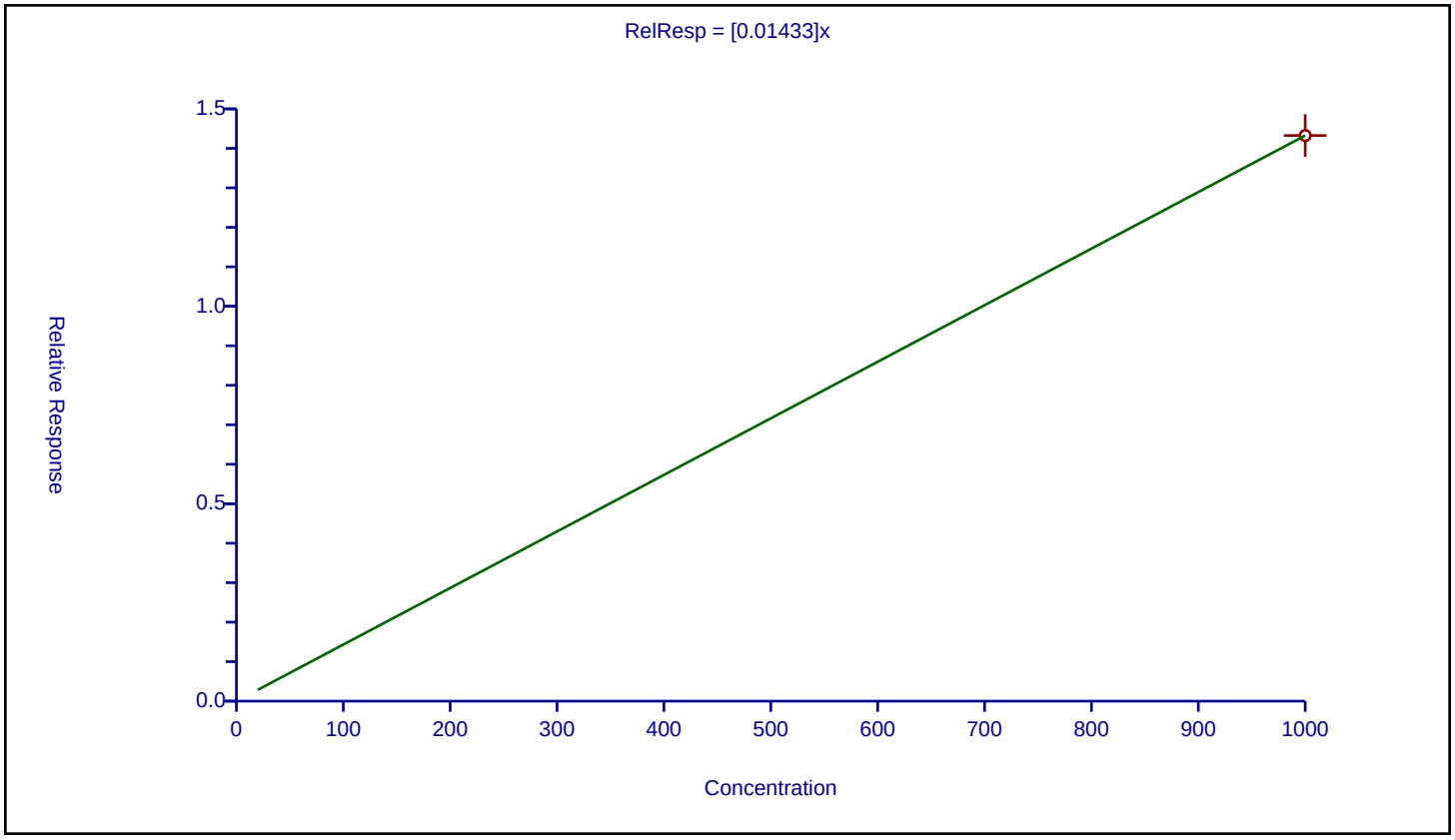
Curve Coefficients

Intercept:	0
Slope:	0.01433

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	14.325546	20.0	50588154.0	0.014326	Y



Calibration / PCB-1248 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

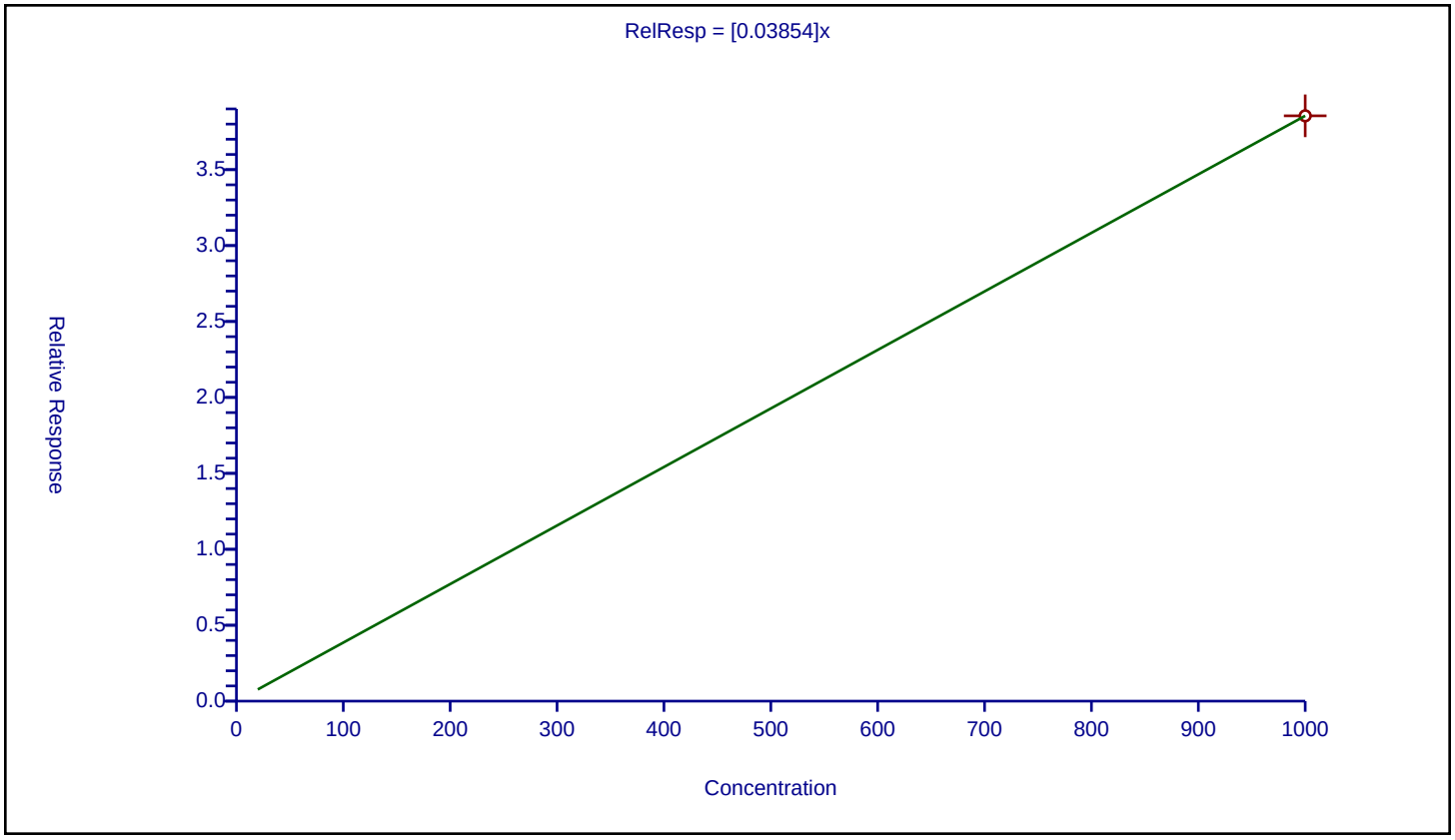
Curve Coefficients

Intercept:	0
Slope:	0.03854

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	38.544325	20.0	50588154.0	0.038544	Y



Calibration / PCB-1248 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

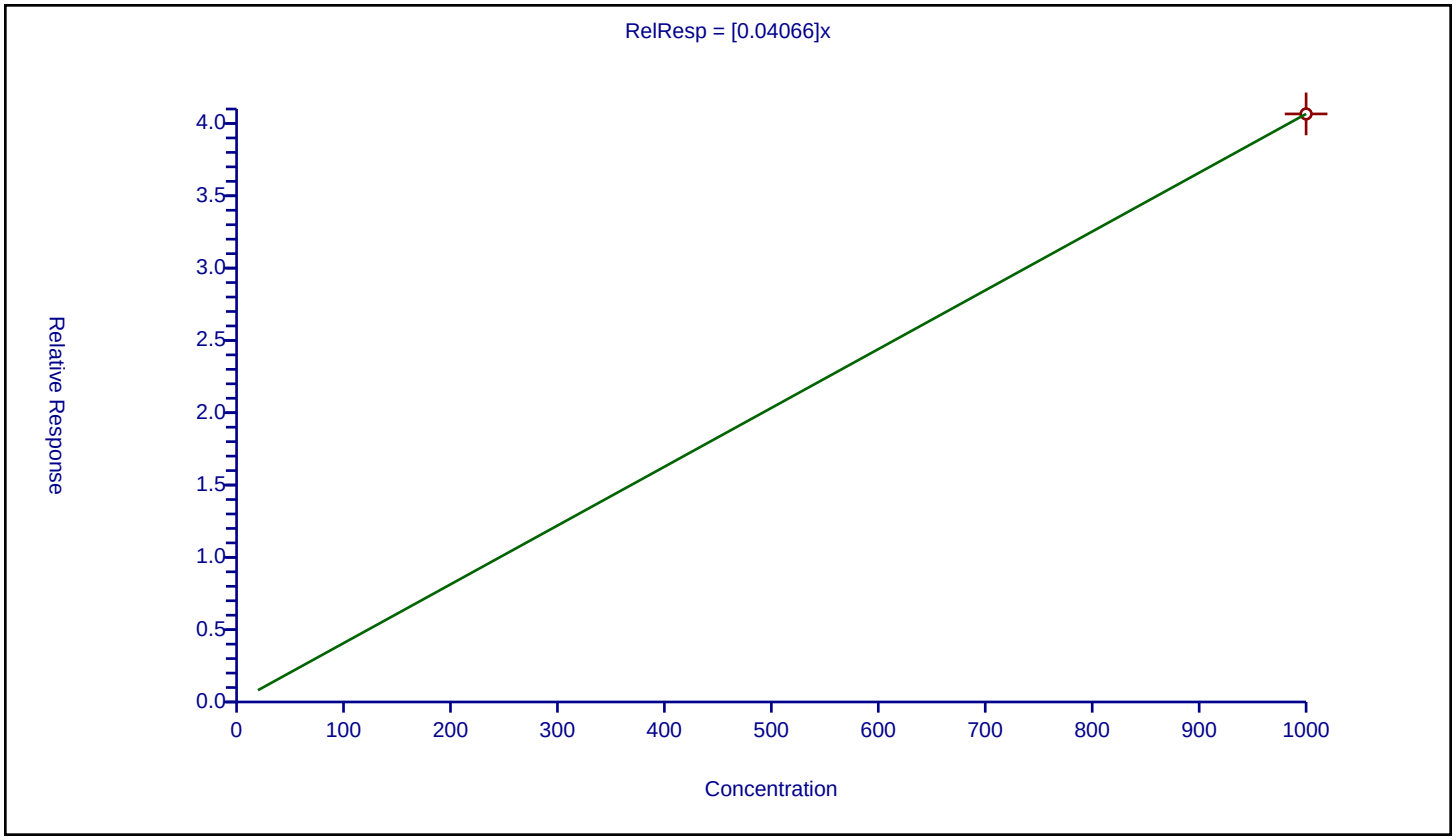
Curve Coefficients

Intercept:	0
Slope:	0.04066

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	40.660602	20.0	50588154.0	0.040661	Y



Calibration / PCB-1248 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

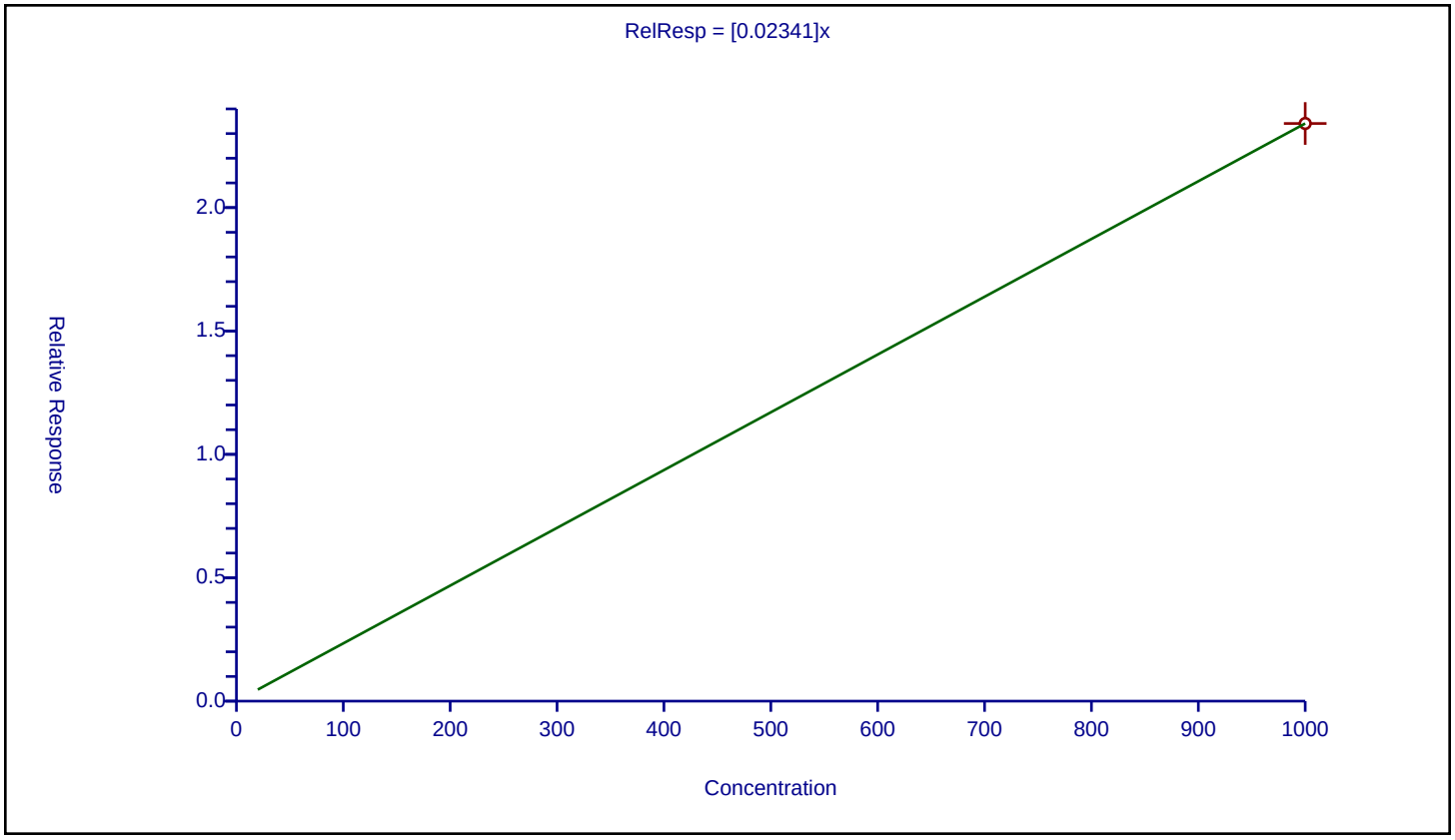
Curve Coefficients

Intercept:	0
Slope:	0.02341

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	23.408859	20.0	50588154.0	0.023409	Y



Calibration / PCB-1248 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

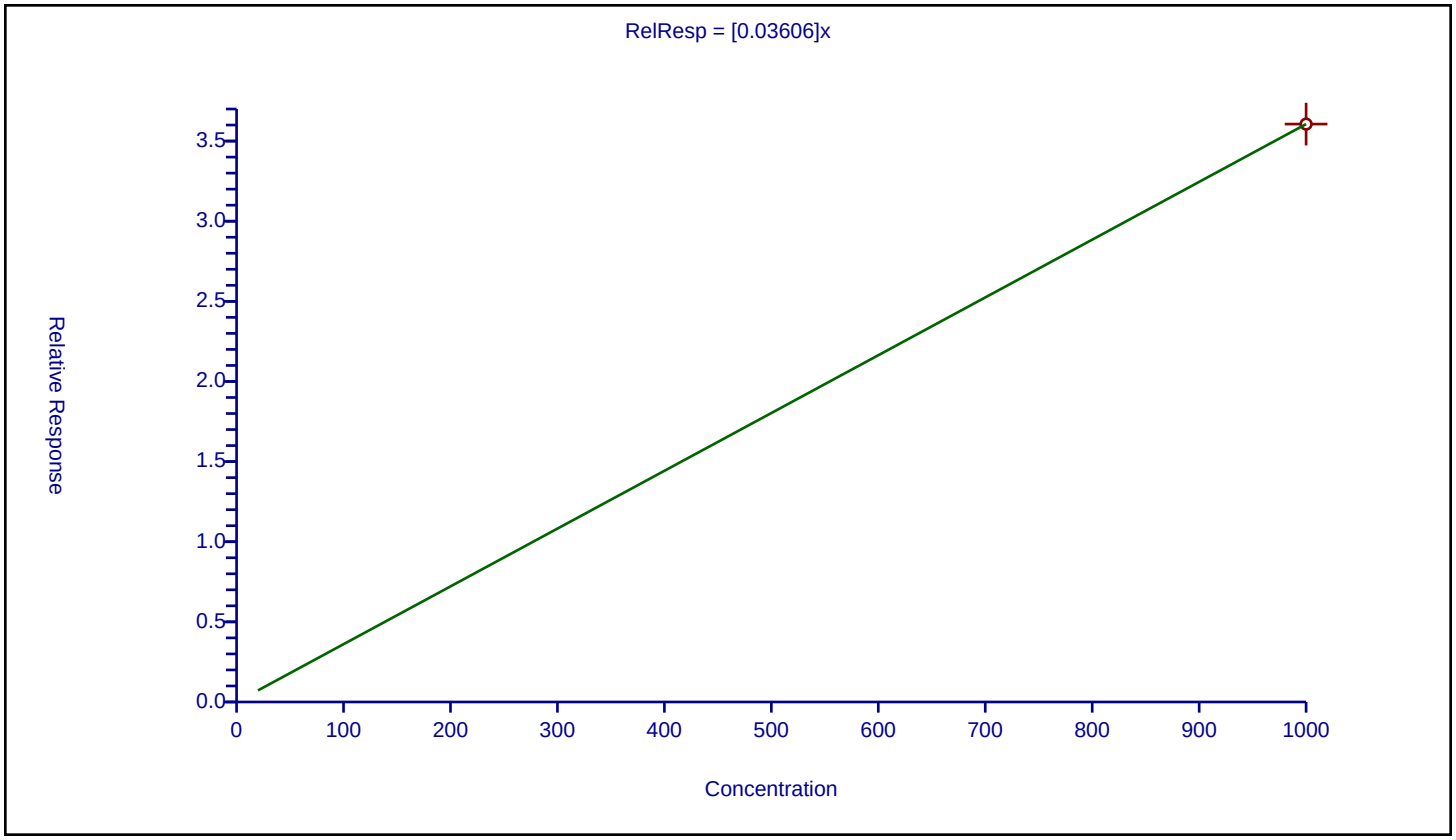
Curve Coefficients

Intercept:	0
Slope:	0.03606

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	36.059942	20.0	50588154.0	0.03606	Y



Calibration / PCB-1248 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

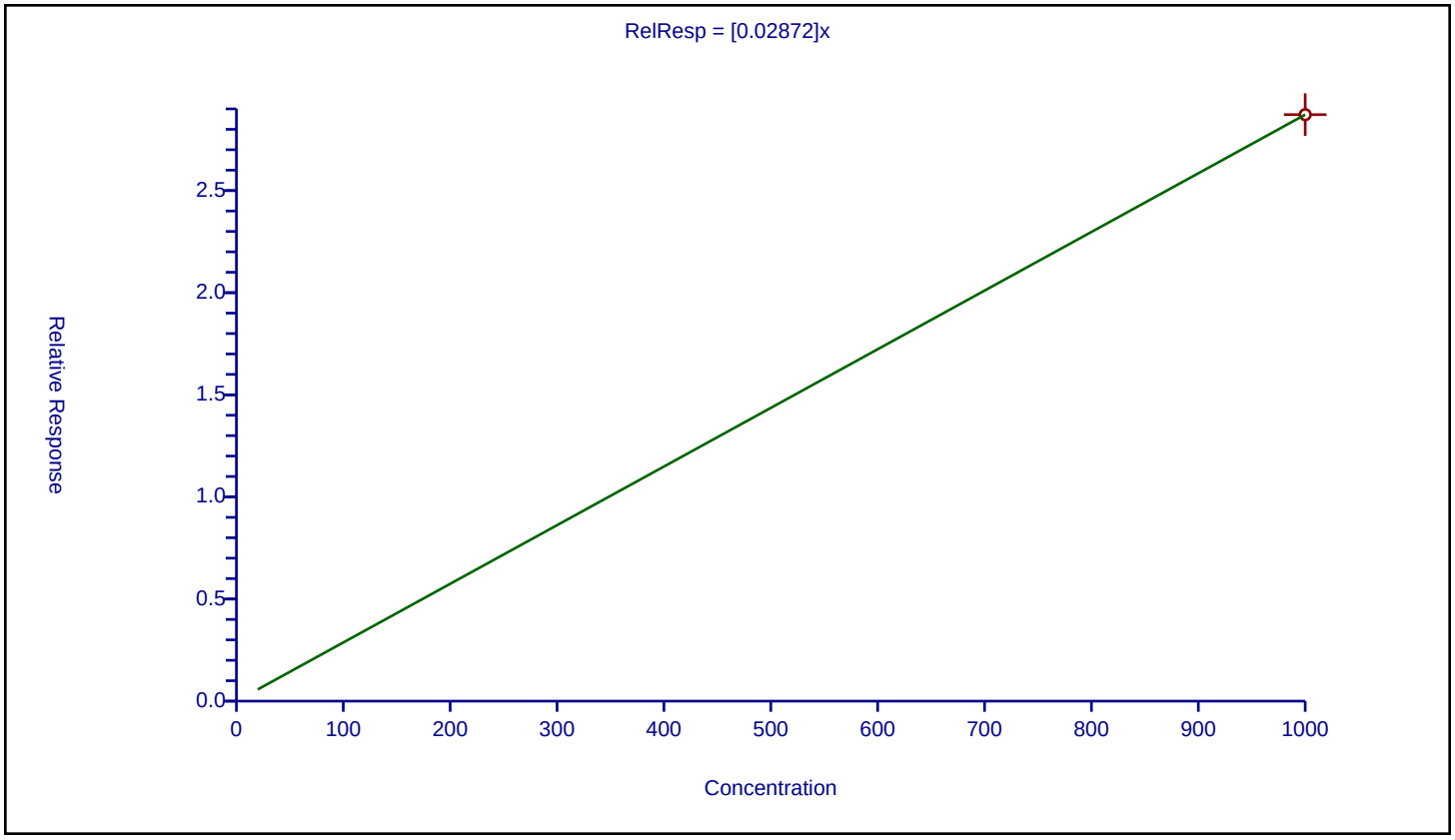
Curve Coefficients

Intercept:	0
Slope:	0.02872

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	28.718399	20.0	50588154.0	0.028718	Y



Calibration / PCB-1248 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

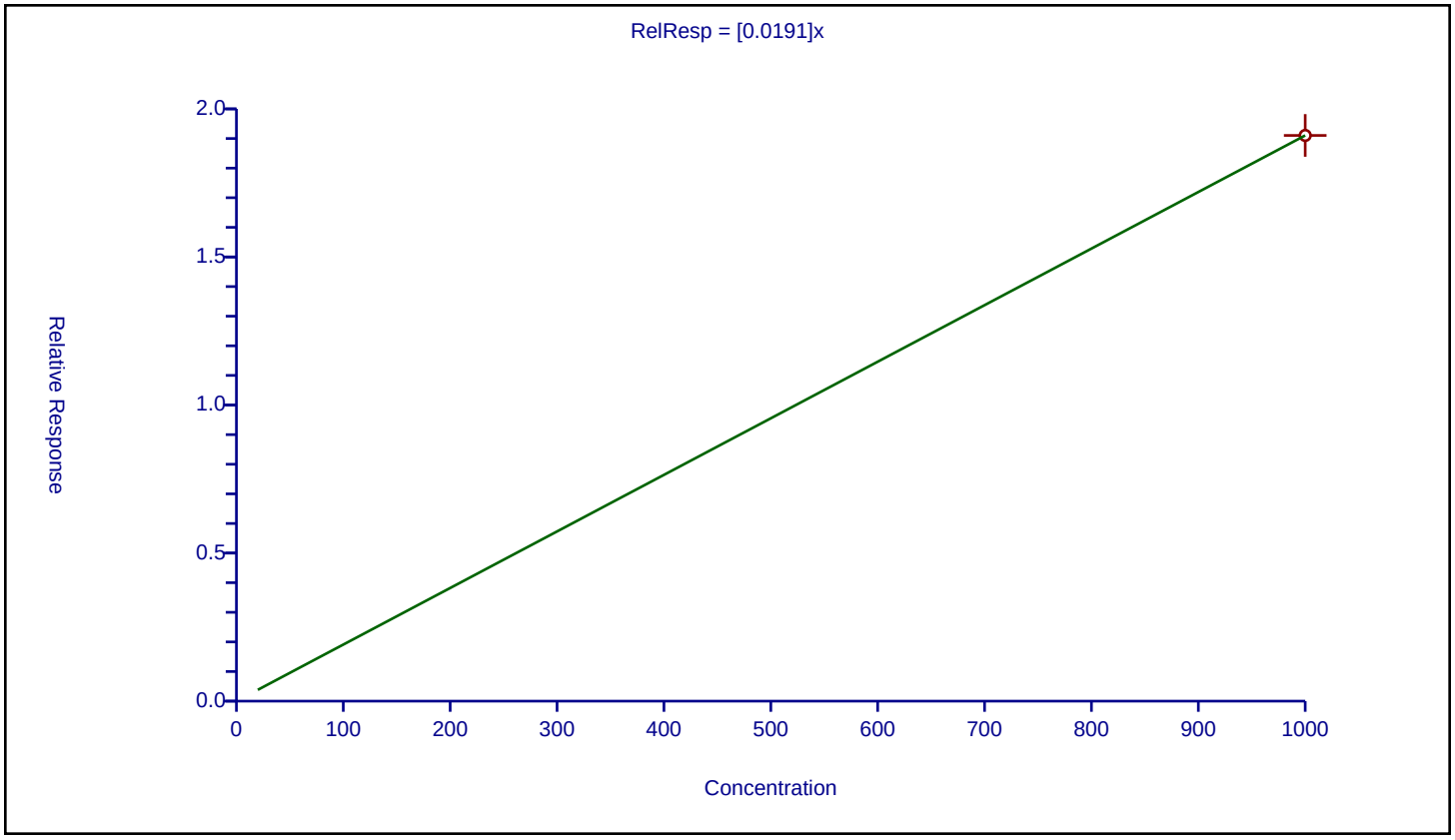
Curve Coefficients

Intercept:	0
Slope:	0.0191

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	19.102978	20.0	50588154.0	0.019103	Y



Calibration / PCB-1248 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

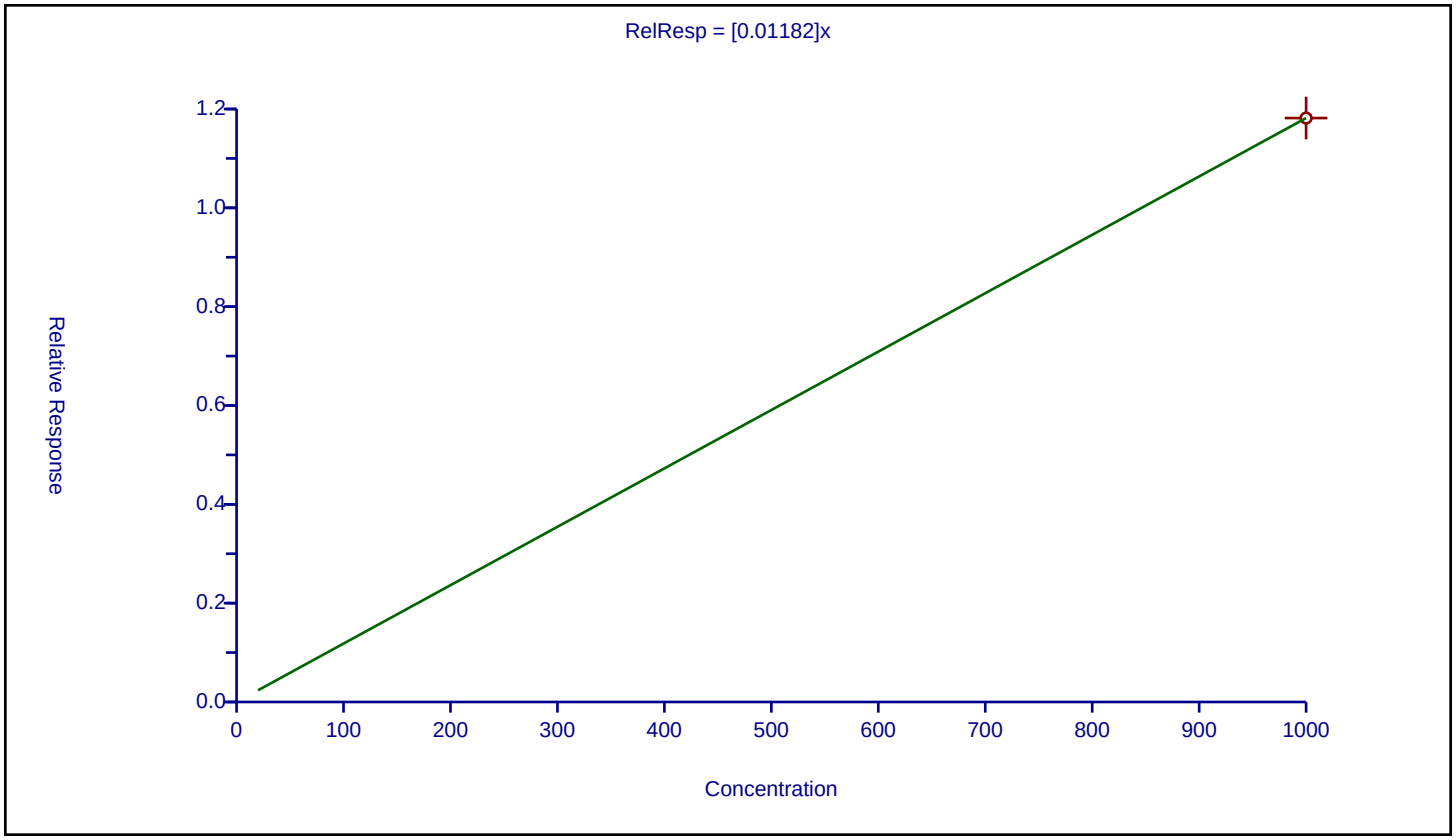
Curve Coefficients

Intercept:	0
Slope:	0.01182

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/11	1000.0	11.817303	20.0	50588154.0	0.011817	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:38 Calibration End Date: 12/28/2020 13:38 Calibration ID: 83262

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/12	T1580629.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0117					Ave		0.0117						20.0			
PCB-1254 Peak 2	0.0373					Ave		0.0373						20.0			
PCB-1254 Peak 3	0.0436					Ave		0.0436						20.0			
PCB-1254 Peak 4	0.0351					Ave		0.0351						20.0			
PCB-1254 Peak 5	0.0647					Ave		0.0647						20.0			
PCB-1254 Peak 6	0.0465					Ave		0.0465						20.0			
PCB-1254 Peak 7	0.0407					Ave		0.0407						20.0			
PCB-1254 Peak 8	0.0670					Ave		0.0670						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:38 Calibration End Date: 12/28/2020 13:38 Calibration ID: 83262

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/12	T1580629.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	27000594					1000				
PCB-1254 Peak 2	BNB	Ave	85978521					1000				
PCB-1254 Peak 3	BNB	Ave	100393869					1000				
PCB-1254 Peak 4	BNB	Ave	80804852					1000				
PCB-1254 Peak 5	BNB	Ave	148965344					1000				
PCB-1254 Peak 6	BNB	Ave	107173240					1000				
PCB-1254 Peak 7	BNB	Ave	93836225					1000				
PCB-1254 Peak 8	BNB	Ave	154442196					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580629.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 13:38:37 ALS Bottle#: 17 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:17 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 13:29:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.701	1.701	0.000	46067863	20.0	20.0	
2	1.425	1.425	0.000	49199915	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	5.153	5.153	0.000	27000594	1000.0	1000.0	M
1	5.693	5.693	0.000	85978521	1000.0	1000.0	M
1	5.964	5.964	0.000	100393869	1000.0	1000.0	M
1	6.468	6.468	0.000	80804852	1000.0	1000.0	M
1	6.652	6.652	0.000	148965344	1000.0	1000.0	M
1	7.035	7.035	0.000	107173240	1000.0	1000.0	M
1	7.649	7.649	0.000	93836225	1000.0	1000.0	M
1	8.020	8.020	0.000	154442196	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	3.982	3.982	0.000	30802523	1000.0	1000.0	M
2	4.426	4.426	0.000	83373245	1000.0	1000.0	M
2	4.736	4.736	0.000	114775296	1000.0	1000.0	M
2	5.053	5.053	0.000	90661396	1000.0	1000.0	M
2	5.197	5.197	0.000	158013329	1000.0	1000.0	M
2	5.531	5.531	0.000	118154895	1000.0	1000.0	M
2	5.768	5.768	0.000	115237933	1000.0	1000.0	M
2	6.142	6.142	0.000	172209715	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1254L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:33:18 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580629.D

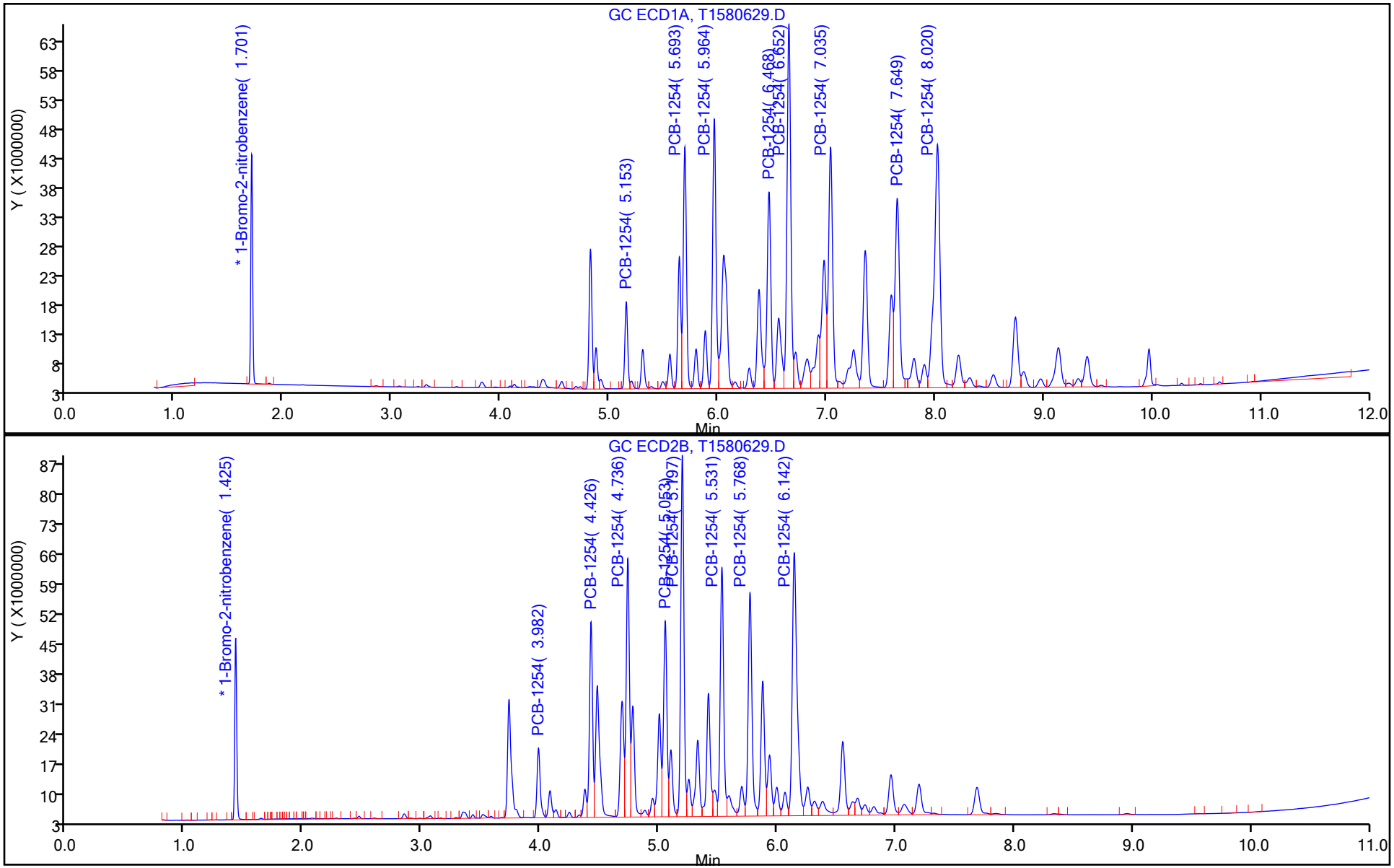
Injection Date: 28-Dec-2020 13:38:37 Instrument ID: CPESTGC11 Operator ID:

Lims ID: IC 1254 Worklist Smp#: 12

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



Report Date: 28-Dec-2020 13:33:18 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580629.D

Injection Date: 28-Dec-2020 13:38:37 Instrument ID: CPESTGC11

Lims ID: IC 1254

Client ID:

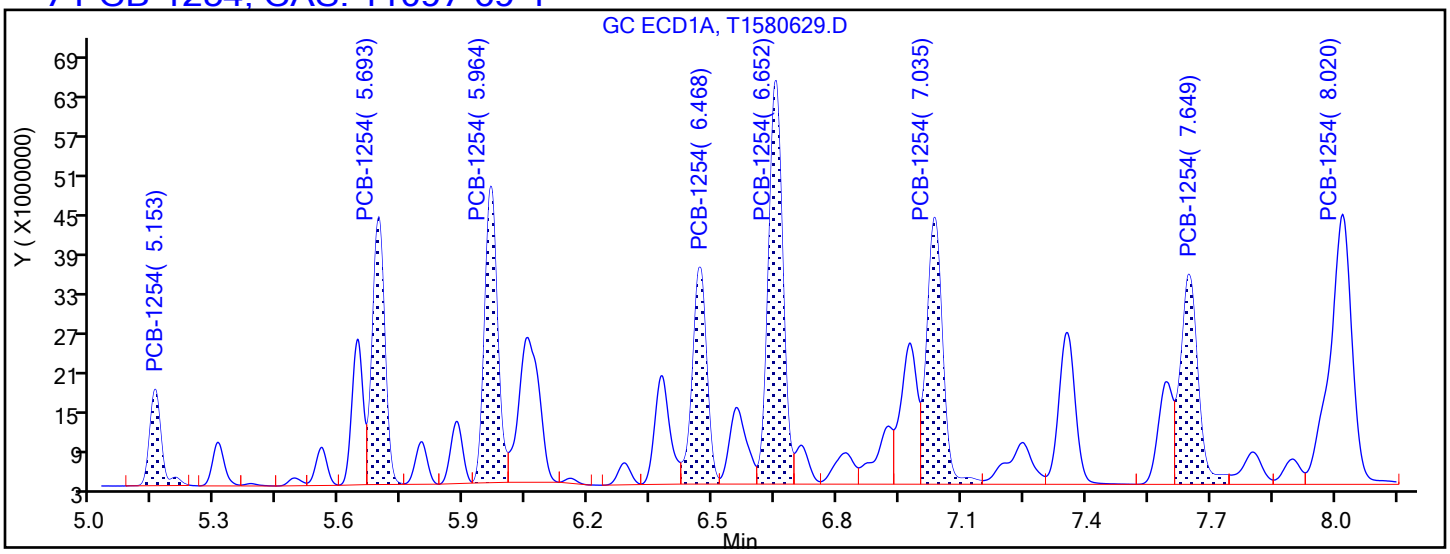
Operator ID: ALS Bottle#: 17 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

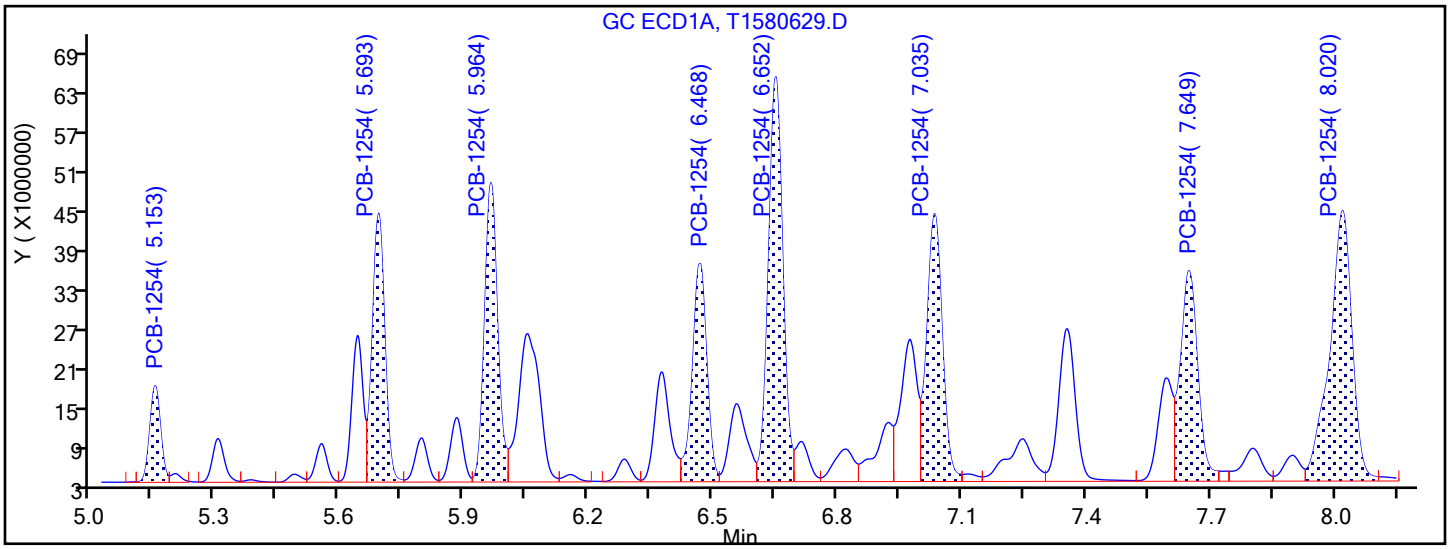
Column: Detector GC ECD1A

7 PCB-1254, CAS: 11097-69-1



Processing Integration Results

5.153	Response = 28836974
5.693	Response = 84854884
5.964	Response = 97960995
6.468	Response = 79573384
6.652	Response = 147863666
7.035	Response = 108661958
7.649	Response = 95379865
8.020	Response = 155105763



Manual Integration Results

5.153	Response = 27000594	M
5.693	Response = 85978521	M
5.964	Response = 100393869	M
6.468	Response = 80804852	M
6.652	Response = 148965344	M
7.035	Response = 107173240	M

Calibration / PCB-1254 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

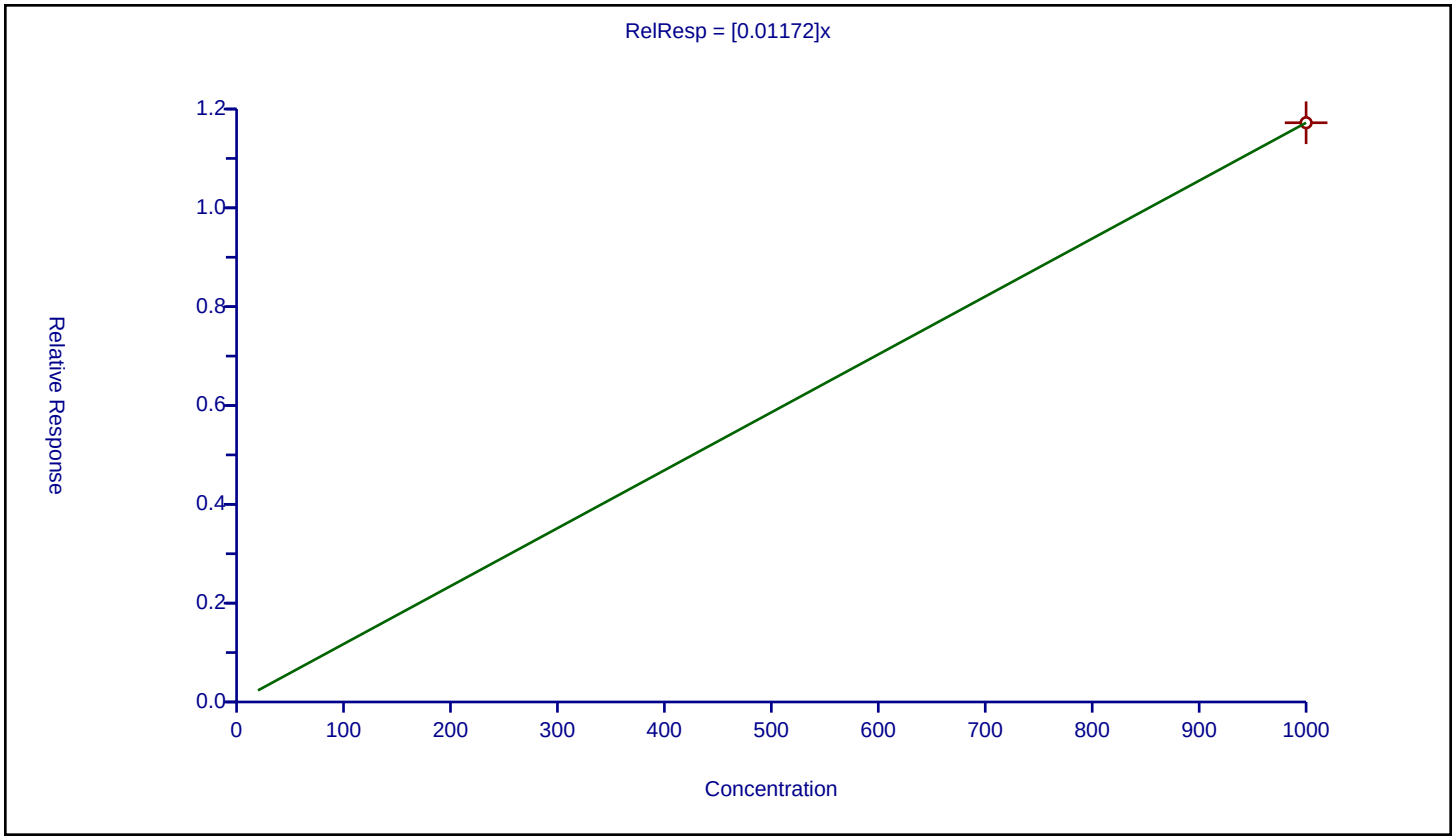
Curve Coefficients

Intercept:	0
Slope:	0.01172

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	11.722095	20.0	46067863.0	0.011722	Y



Calibration / PCB-1254 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

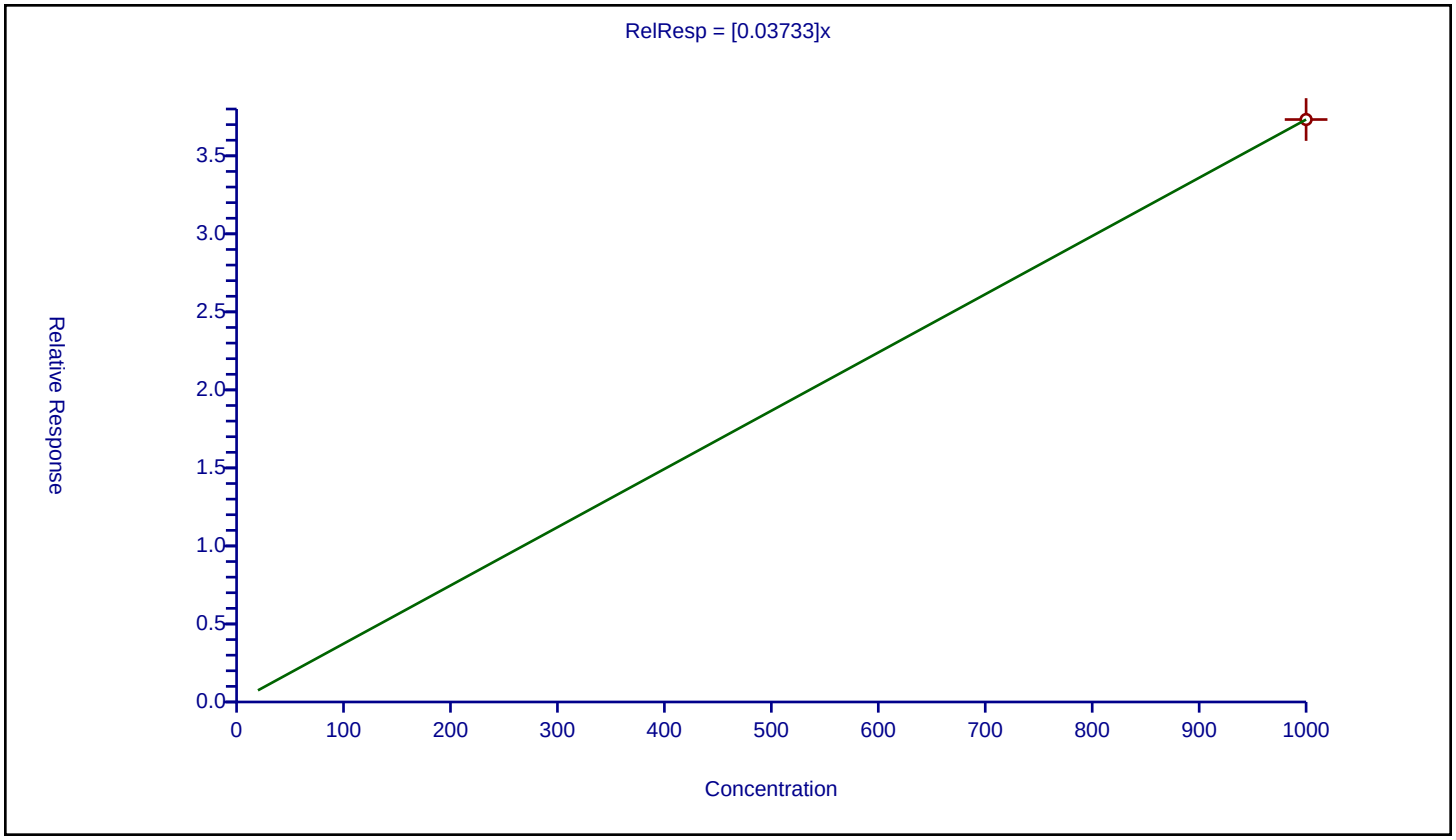
Curve Coefficients

Intercept:	0
Slope:	0.03733

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	37.326898	20.0	46067863.0	0.037327	Y



Calibration / PCB-1254 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

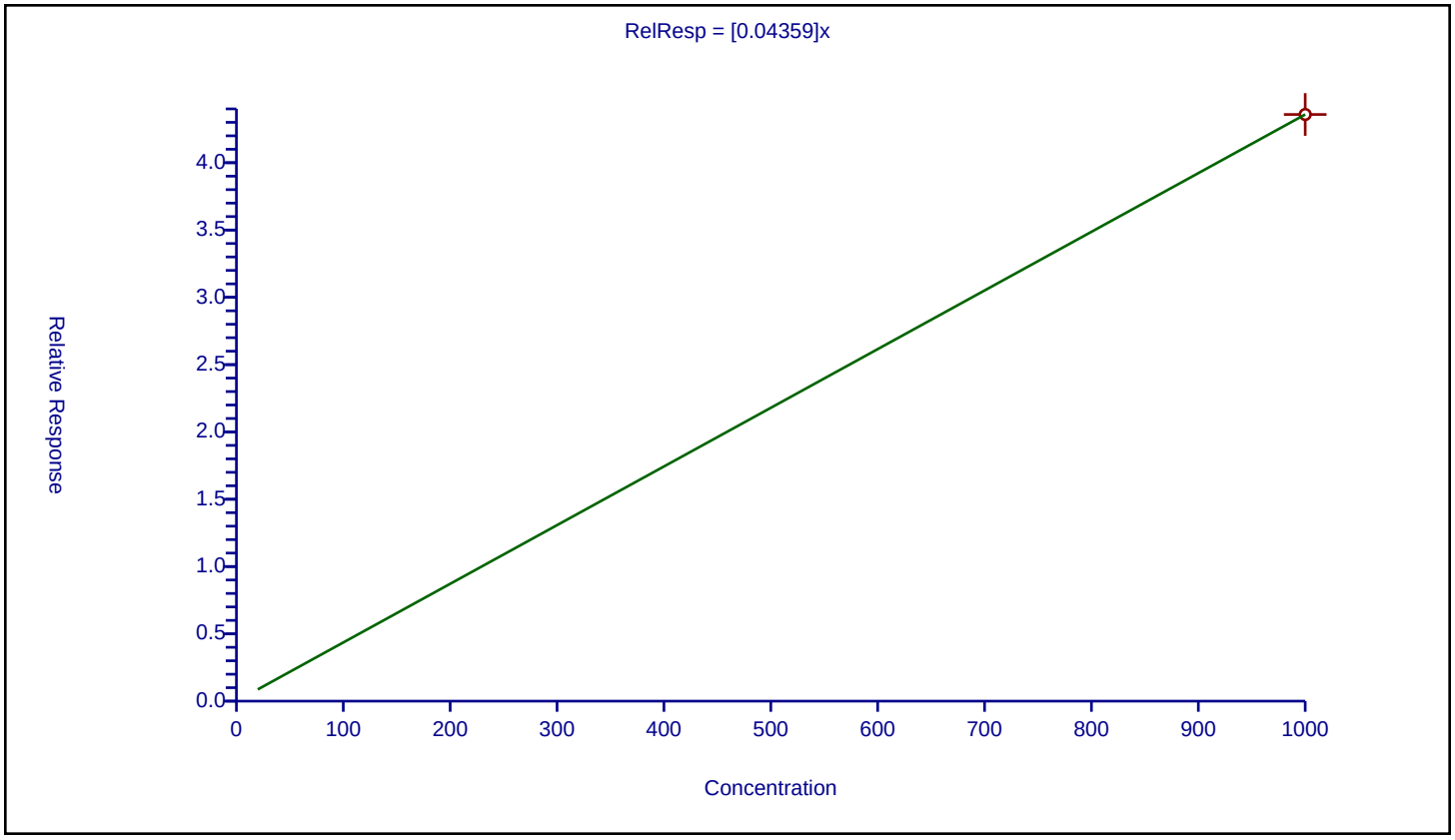
Curve Coefficients

Intercept:	0
Slope:	0.04359

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	43.585208	20.0	46067863.0	0.043585	Y



Calibration / PCB-1254 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

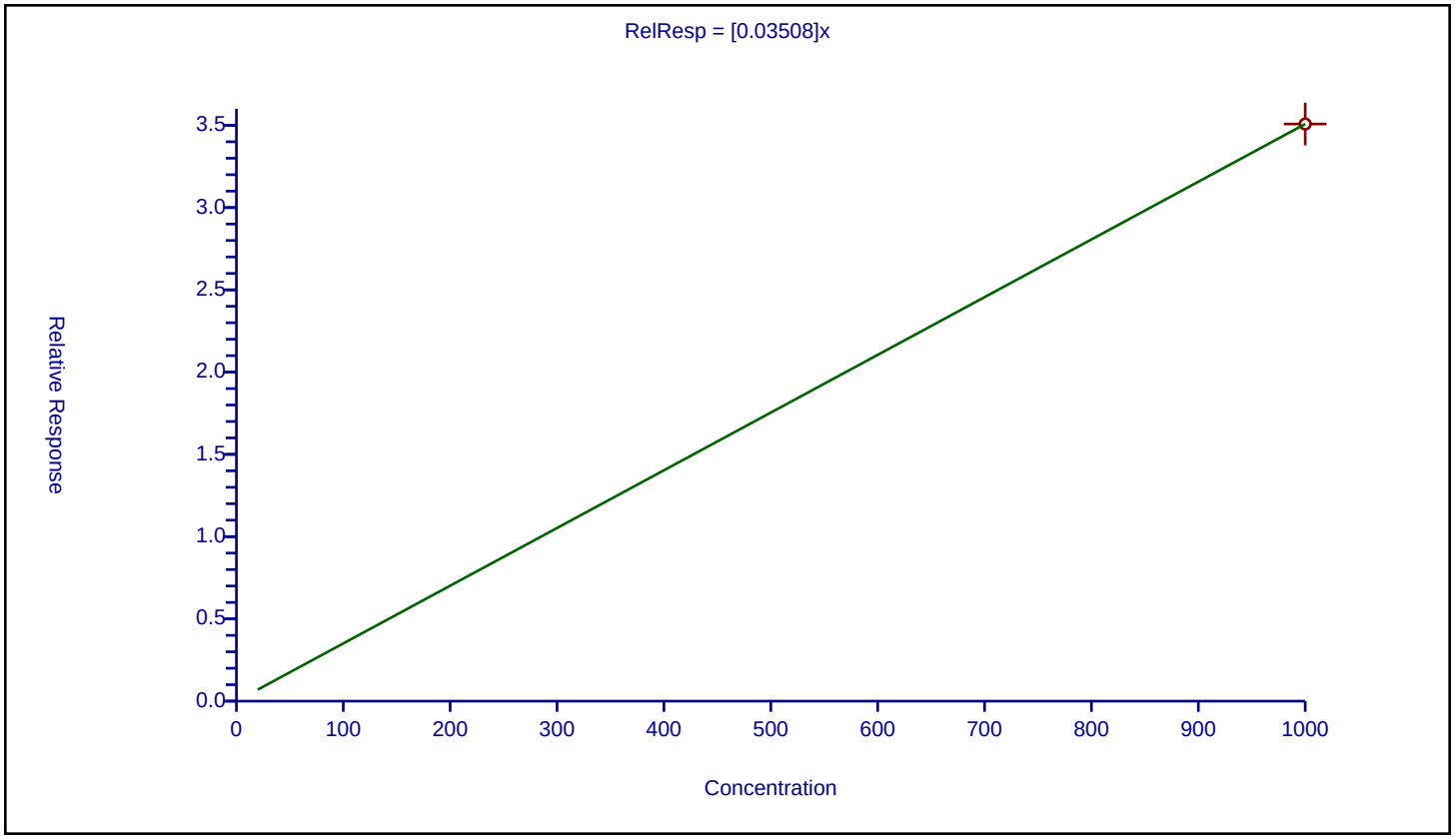
Curve Coefficients

Intercept:	0
Slope:	0.03508

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	35.08079	20.0	46067863.0	0.035081	Y



Calibration / PCB-1254 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

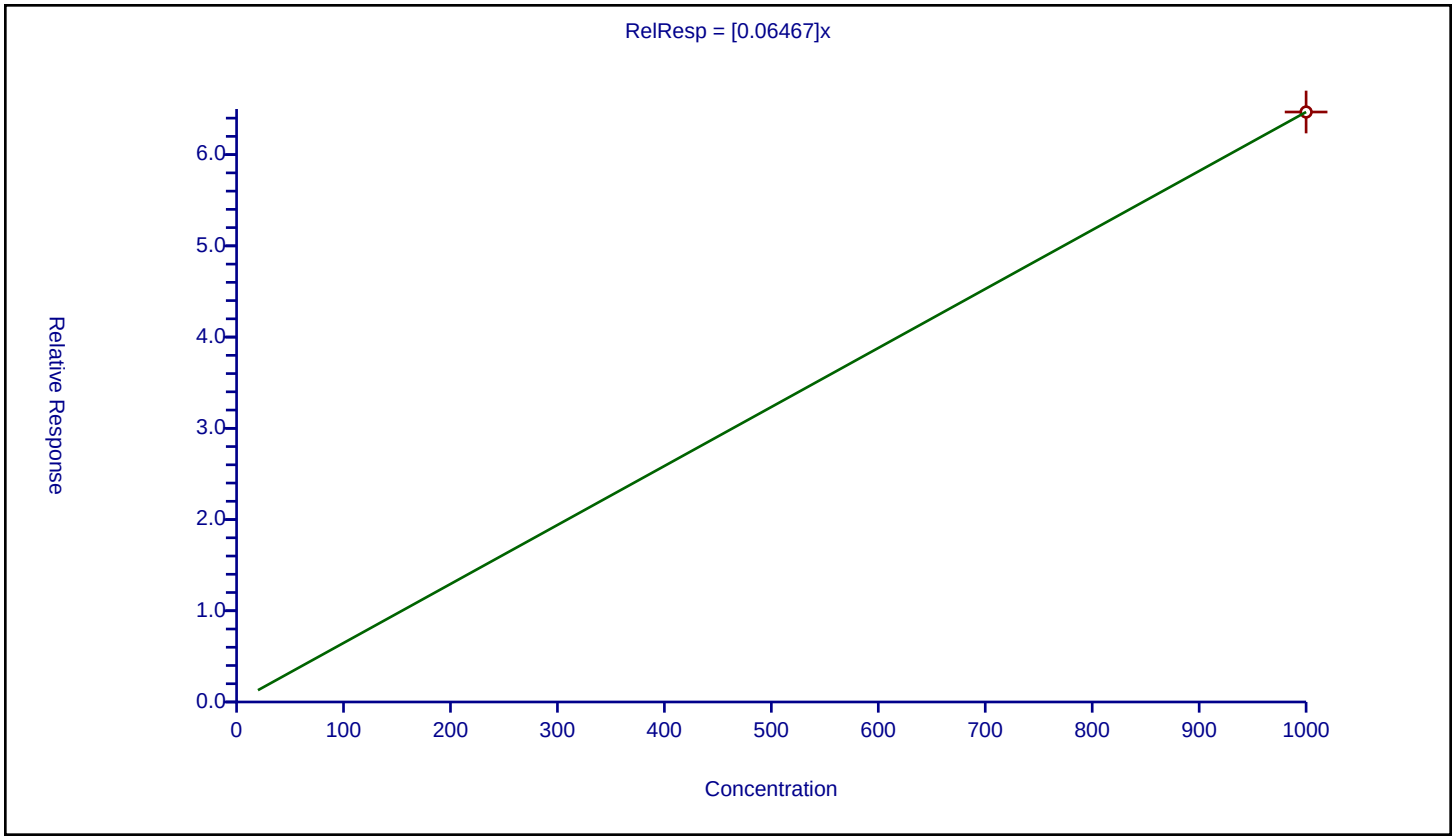
Curve Coefficients

Intercept:	0
Slope:	0.06467

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	64.672131	20.0	46067863.0	0.064672	Y



Calibration / PCB-1254 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

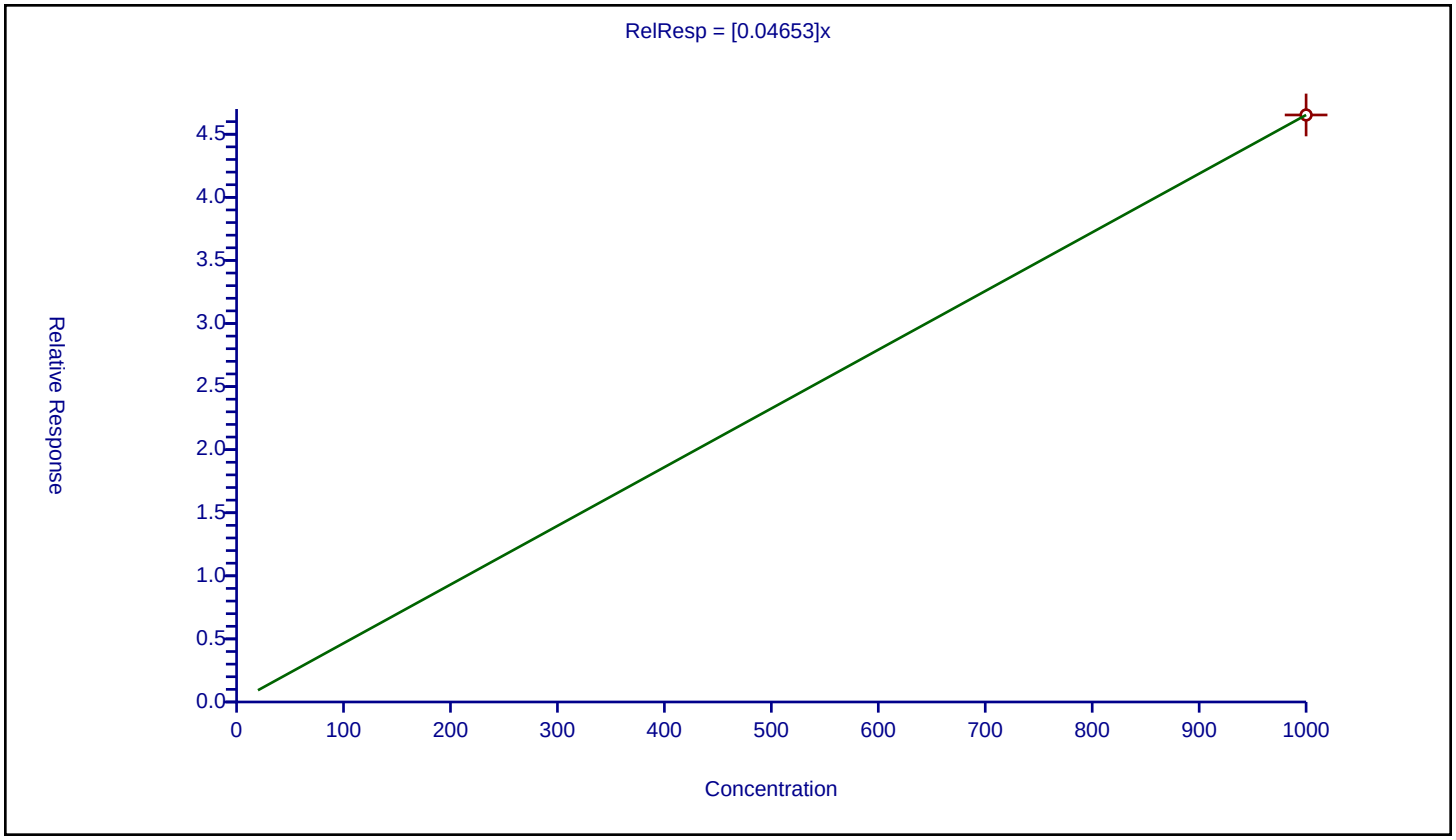
Curve Coefficients

Intercept:	0
Slope:	0.04653

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	46.528418	20.0	46067863.0	0.046528	Y



Calibration / PCB-1254 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

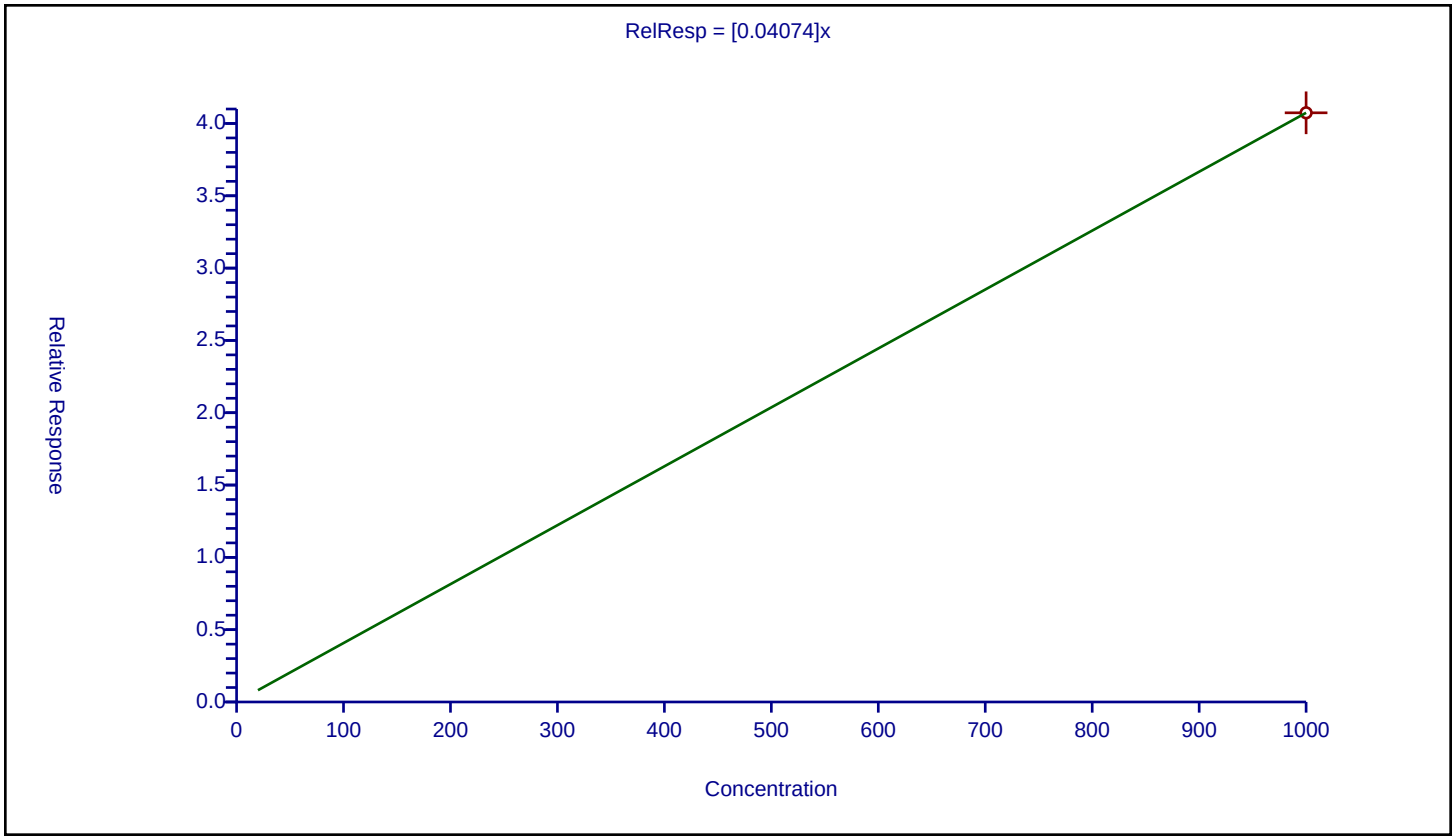
Curve Coefficients

Intercept:	0
Slope:	0.04074

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	40.738258	20.0	46067863.0	0.040738	Y



Calibration / PCB-1254 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

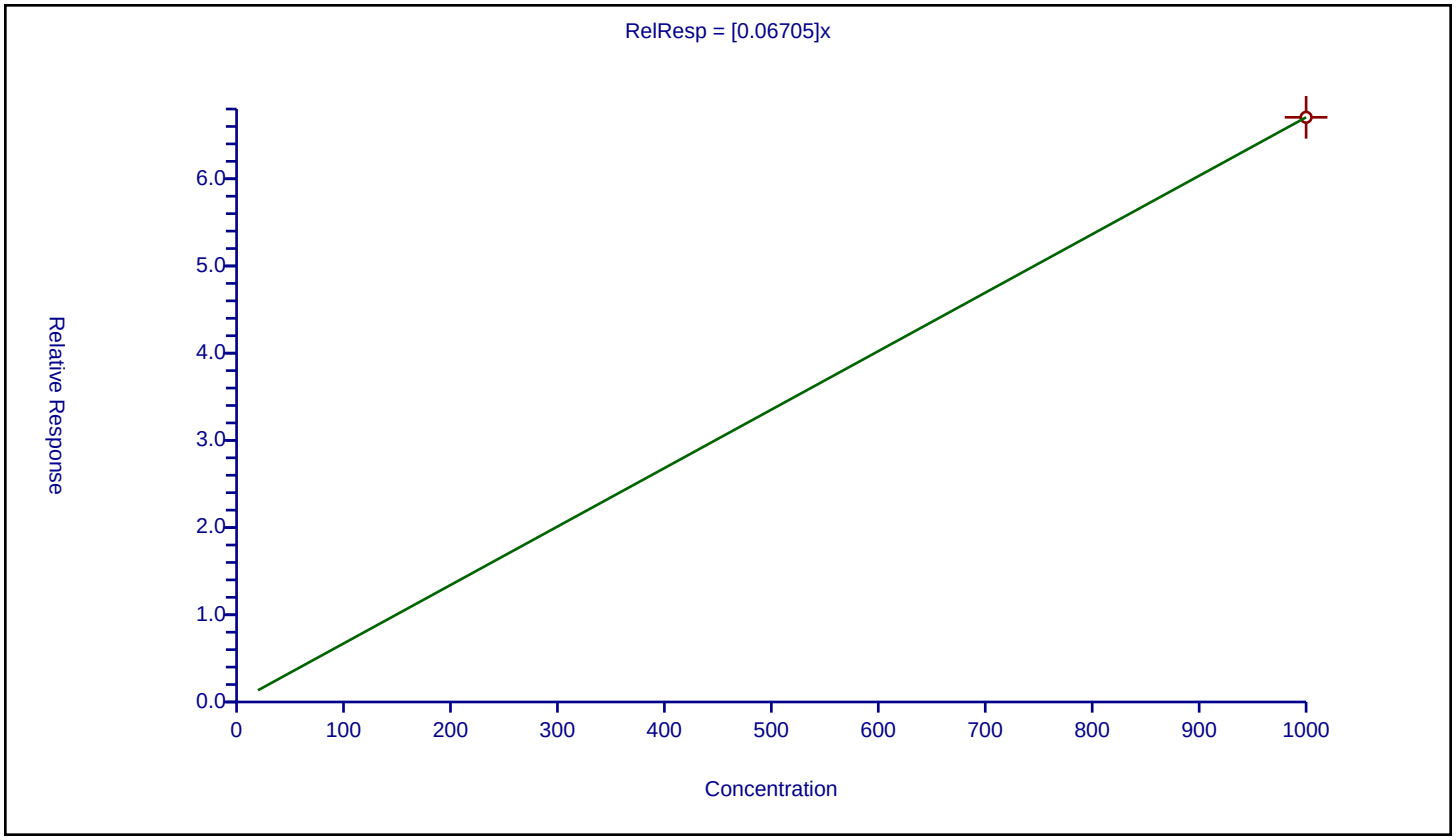
Curve Coefficients

Intercept:	0
Slope:	0.06705

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	67.049863	20.0	46067863.0	0.06705	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:38 Calibration End Date: 12/28/2020 13:38 Calibration ID: 83263

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/12	T1580629.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0125					Ave		0.0125						20.0			
PCB-1254 Peak 2	0.0339					Ave		0.0339						20.0			
PCB-1254 Peak 3	0.0467					Ave		0.0467						20.0			
PCB-1254 Peak 4	0.0369					Ave		0.0369						20.0			
PCB-1254 Peak 5	0.0642					Ave		0.0642						20.0			
PCB-1254 Peak 6	0.0480					Ave		0.0480						20.0			
PCB-1254 Peak 7	0.0468					Ave		0.0468						20.0			
PCB-1254 Peak 8	0.0700					Ave		0.0700						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:38 Calibration End Date: 12/28/2020 13:38 Calibration ID: 83263

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/12	T1580629.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	30802523					1000				
PCB-1254 Peak 2	BNB	Ave	83373245					1000				
PCB-1254 Peak 3	BNB	Ave	114775296					1000				
PCB-1254 Peak 4	BNB	Ave	90661396					1000				
PCB-1254 Peak 5	BNB	Ave	158013329					1000				
PCB-1254 Peak 6	BNB	Ave	118154895					1000				
PCB-1254 Peak 7	BNB	Ave	115237933					1000				
PCB-1254 Peak 8	BNB	Ave	172209715					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580629.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 13:38:37 ALS Bottle#: 17 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:17 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 13:29:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.701	1.701	0.000	46067863	20.0	20.0	
2	1.425	1.425	0.000	49199915	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	5.153	5.153	0.000	27000594	1000.0	1000.0	M
1	5.693	5.693	0.000	85978521	1000.0	1000.0	M
1	5.964	5.964	0.000	100393869	1000.0	1000.0	M
1	6.468	6.468	0.000	80804852	1000.0	1000.0	M
1	6.652	6.652	0.000	148965344	1000.0	1000.0	M
1	7.035	7.035	0.000	107173240	1000.0	1000.0	M
1	7.649	7.649	0.000	93836225	1000.0	1000.0	M
1	8.020	8.020	0.000	154442196	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	3.982	3.982	0.000	30802523	1000.0	1000.0	M
2	4.426	4.426	0.000	83373245	1000.0	1000.0	M
2	4.736	4.736	0.000	114775296	1000.0	1000.0	M
2	5.053	5.053	0.000	90661396	1000.0	1000.0	M
2	5.197	5.197	0.000	158013329	1000.0	1000.0	M
2	5.531	5.531	0.000	118154895	1000.0	1000.0	M
2	5.768	5.768	0.000	115237933	1000.0	1000.0	M
2	6.142	6.142	0.000	172209715	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1254L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:33:18 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580629.D

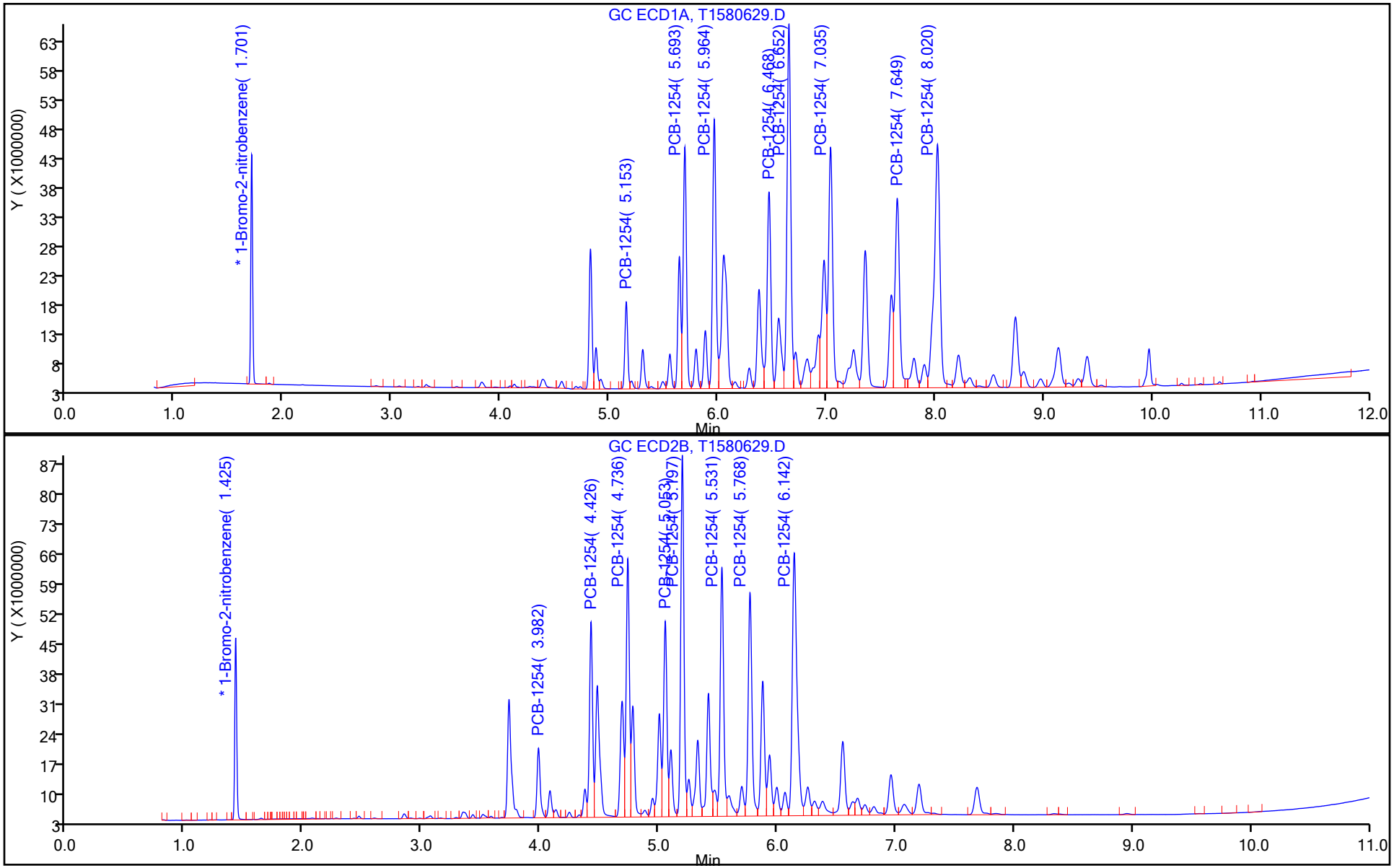
Injection Date: 28-Dec-2020 13:38:37 Instrument ID: CPESTGC11 Operator ID:

Lims ID: IC 1254 Worklist Smp#: 12

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



Report Date: 28-Dec-2020 13:33:18 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580629.D

Injection Date: 28-Dec-2020 13:38:37 Instrument ID: CPESTGC11

Lims ID: IC 1254

Client ID:

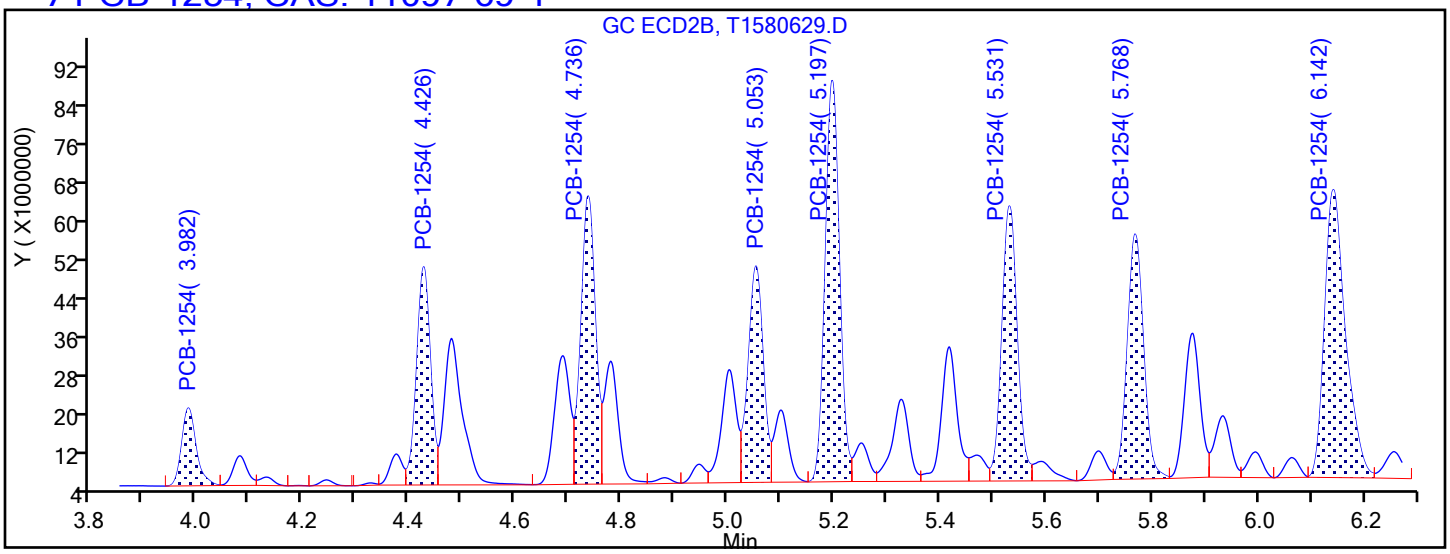
Operator ID: ALS Bottle#: 17 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

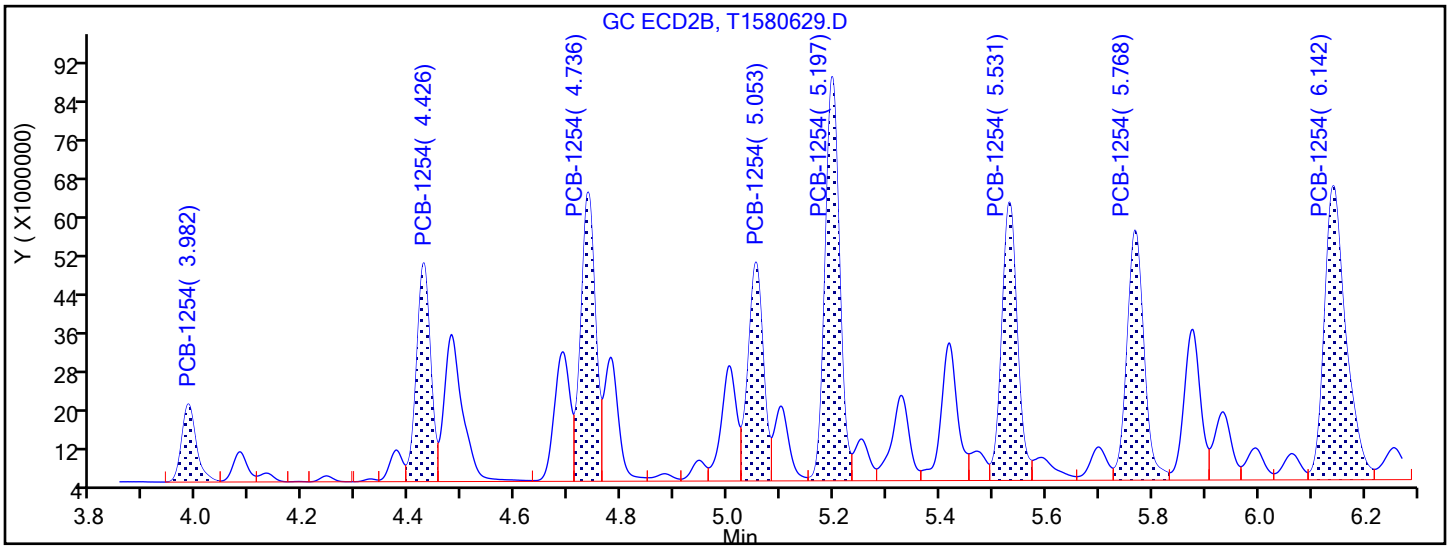
Column: Detector GC ECD2B

7 PCB-1254, CAS: 11097-69-1



Processing Integration Results

3.982	Response = 30430585
4.426	Response = 82873144
4.736	Response = 114029341
5.053	Response = 88819699
5.197	Response = 154892315
5.531	Response = 114695060
5.768	Response = 108347719
6.142	Response = 162653553



Manual Integration Results

3.982	Response = 30802523	M
4.426	Response = 83373245	M
4.736	Response = 114775296	M
5.053	Response = 90661396	M
5.197	Response = 158013329	M
5.531	Response = 118154895	M

Calibration / PCB-1254 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

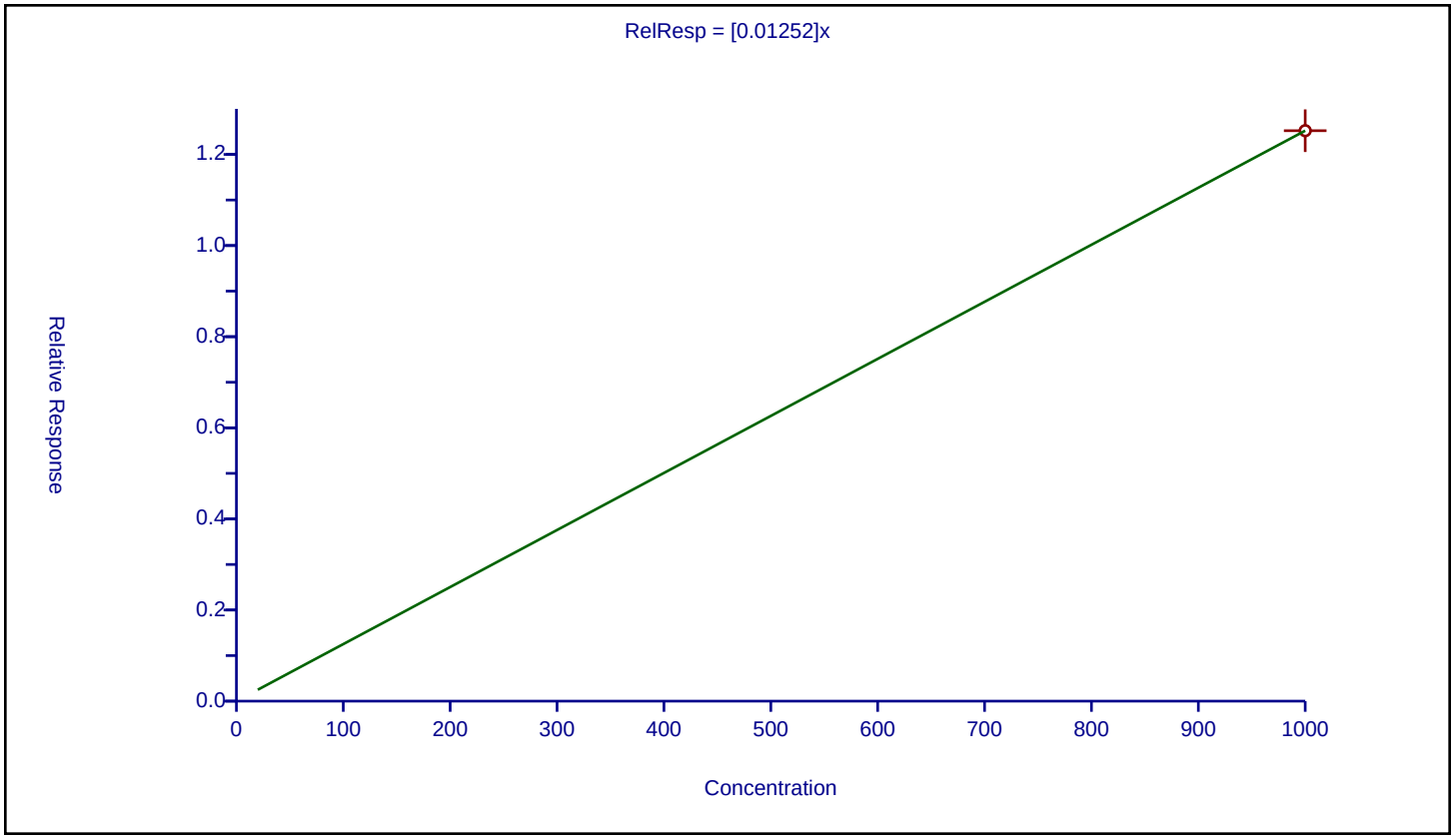
Curve Coefficients

Intercept:	0
Slope:	0.01252

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	12.521372	20.0	49199915.0	0.012521	Y



Calibration / PCB-1254 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

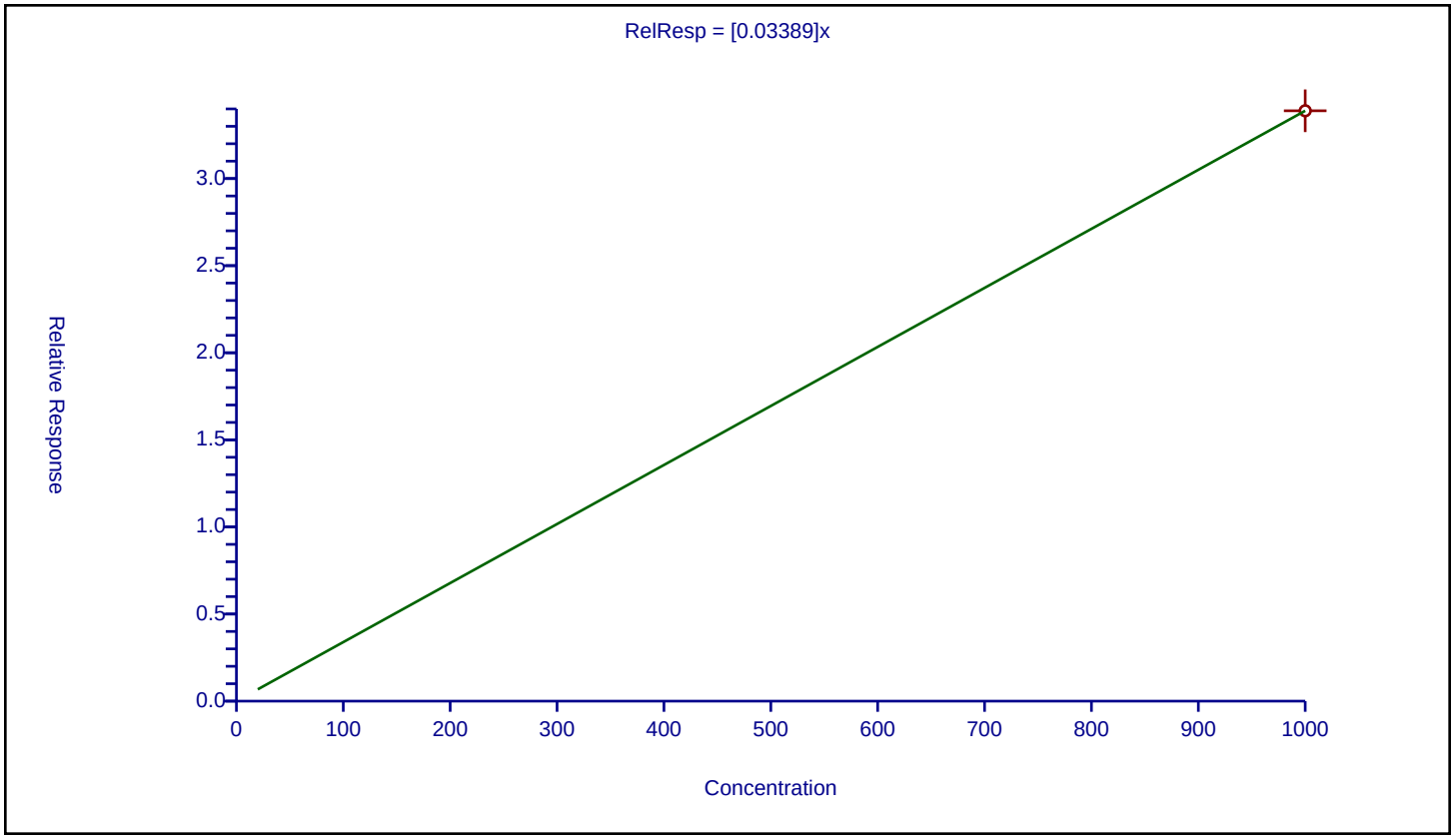
Curve Coefficients

Intercept:	0
Slope:	0.03389

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	33.891622	20.0	49199915.0	0.033892	Y



Calibration / PCB-1254 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

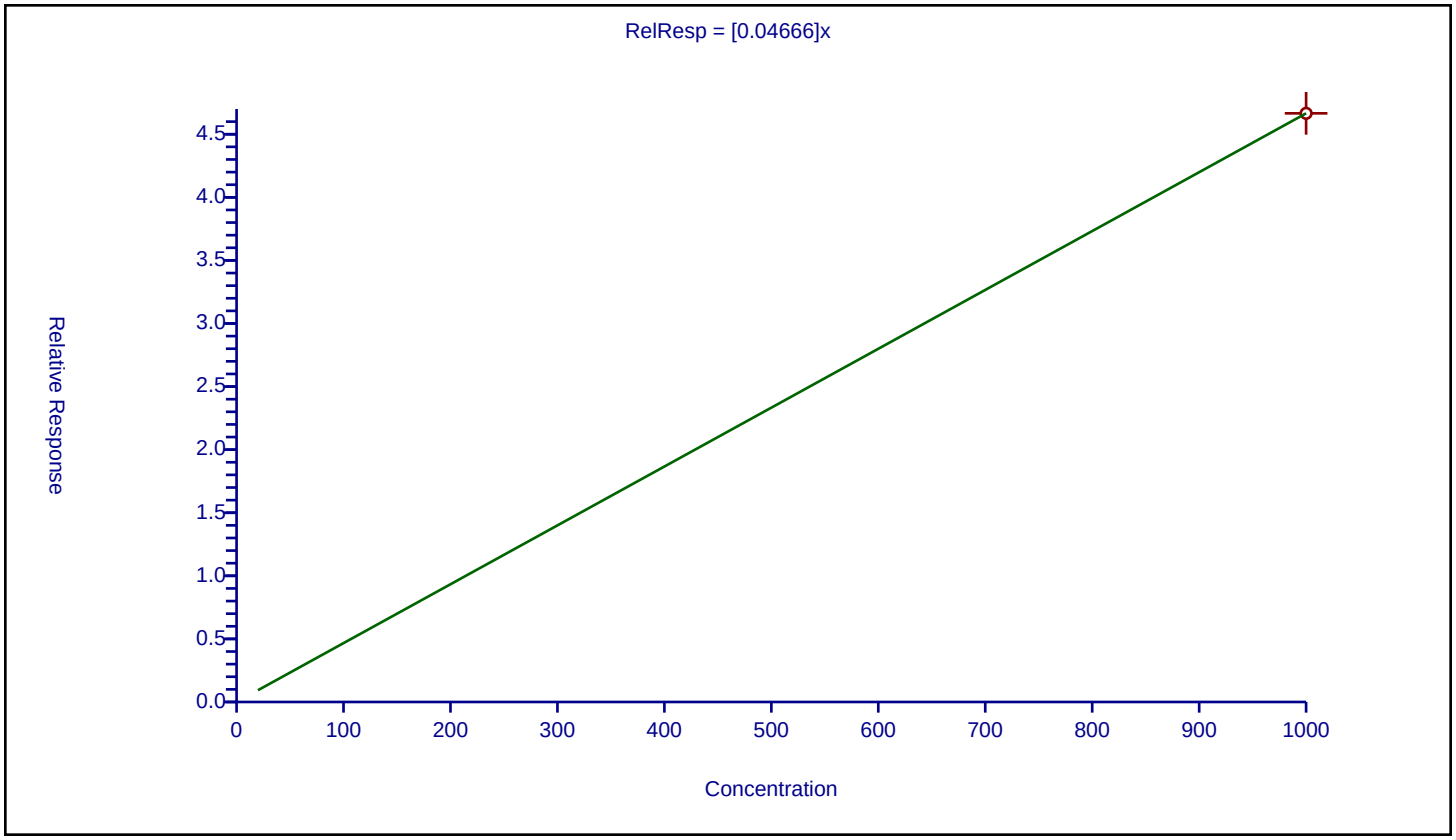
Curve Coefficients

Intercept:	0
Slope:	0.04666

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	46.656705	20.0	49199915.0	0.046657	Y



Calibration / PCB-1254 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

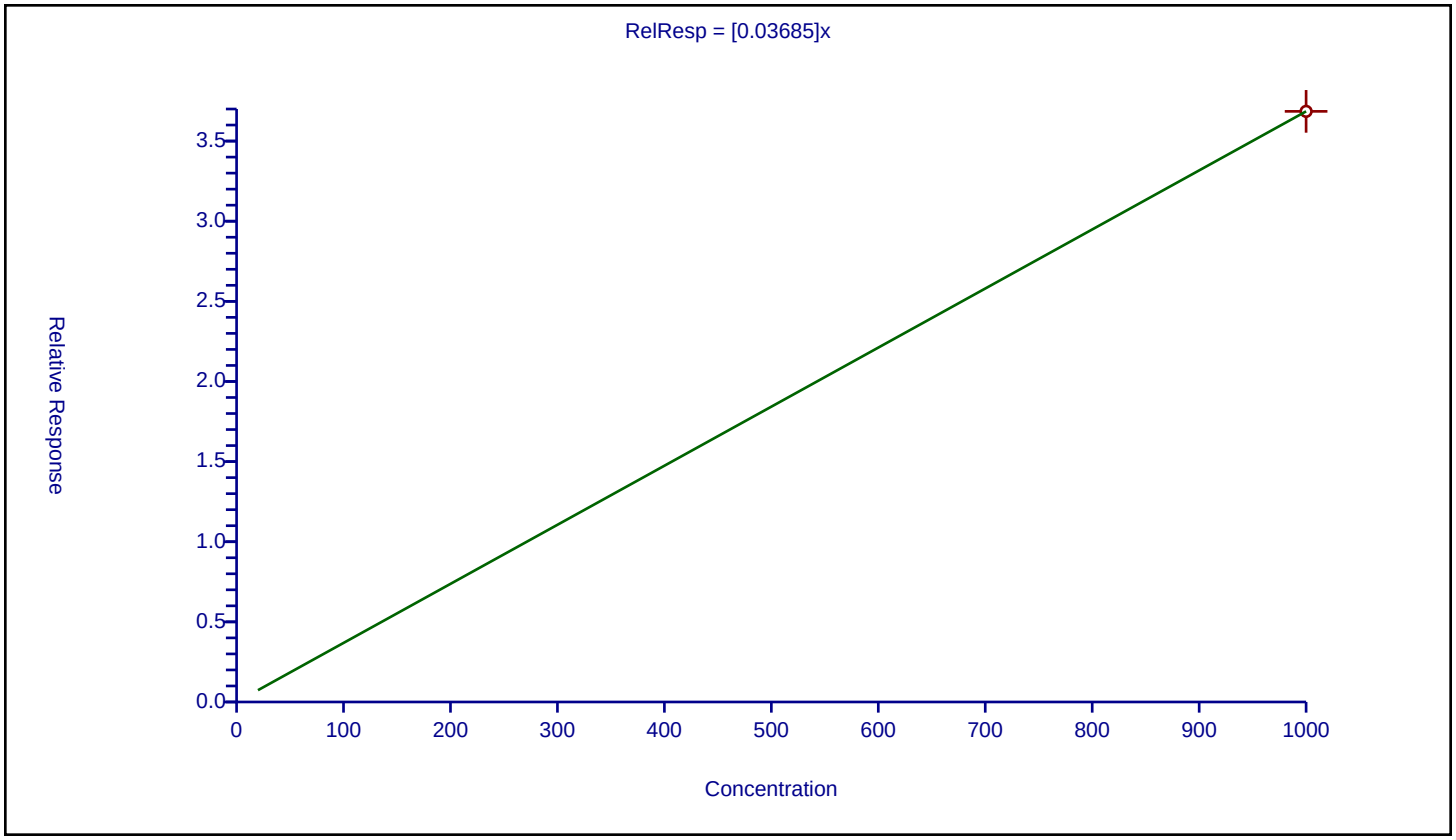
Curve Coefficients

Intercept:	0
Slope:	0.03685

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	36.85429	20.0	49199915.0	0.036854	Y



Calibration / PCB-1254 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

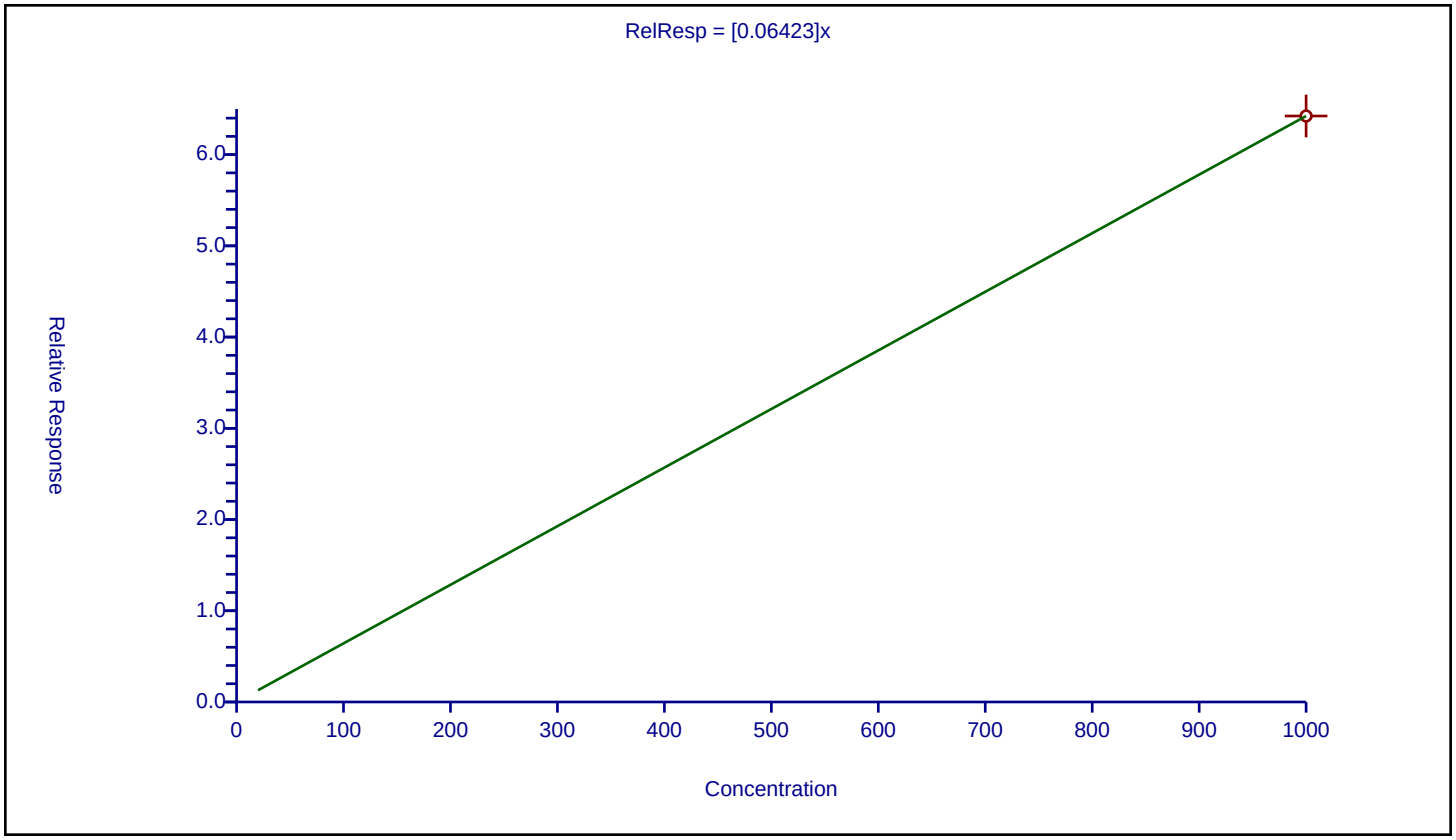
Curve Coefficients

Intercept:	0
Slope:	0.06423

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	64.233172	20.0	49199915.0	0.064233	Y



Calibration / PCB-1254 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

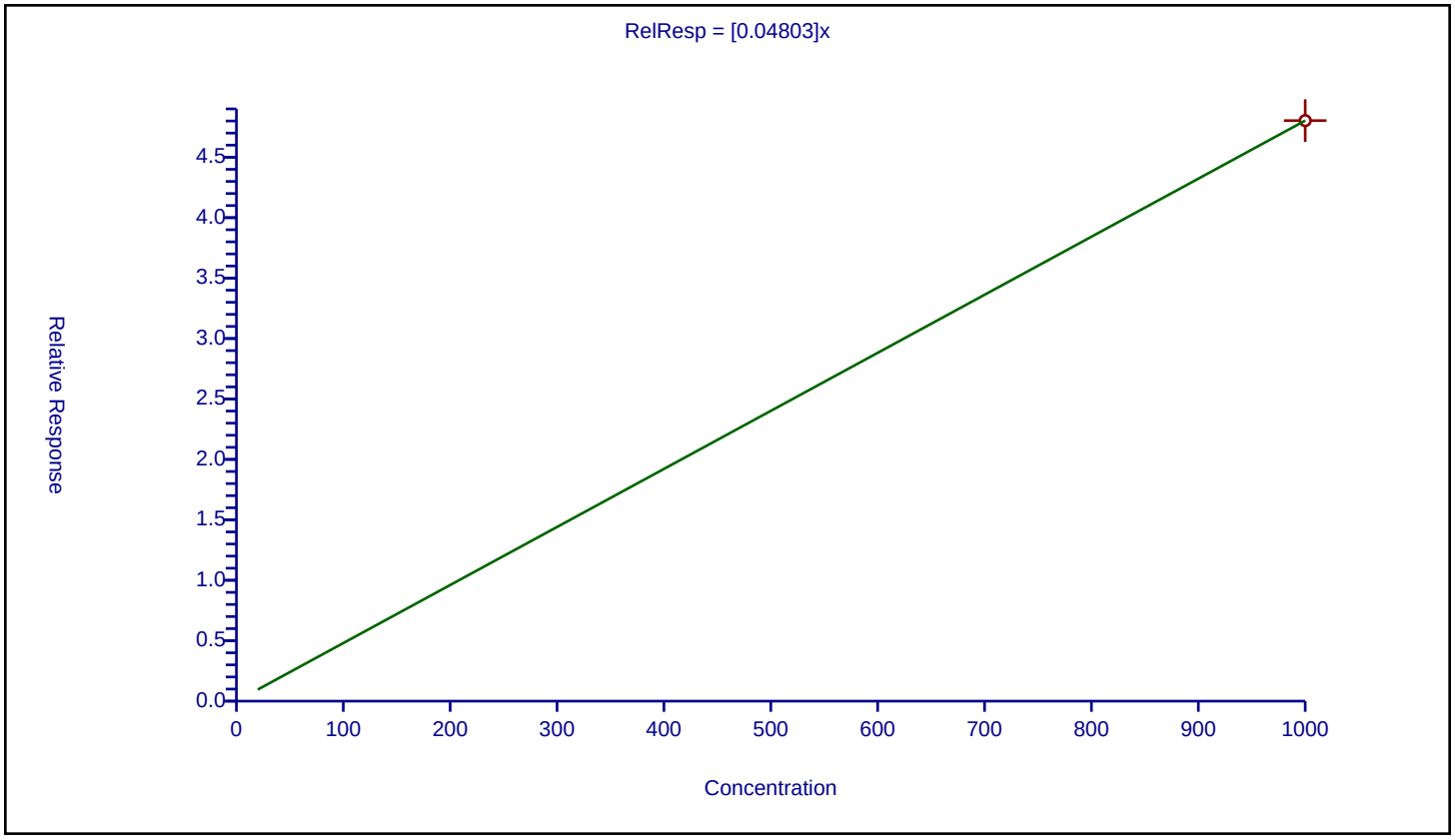
Curve Coefficients

Intercept:	0
Slope:	0.04803

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	48.030528	20.0	49199915.0	0.048031	Y



Calibration / PCB-1254 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

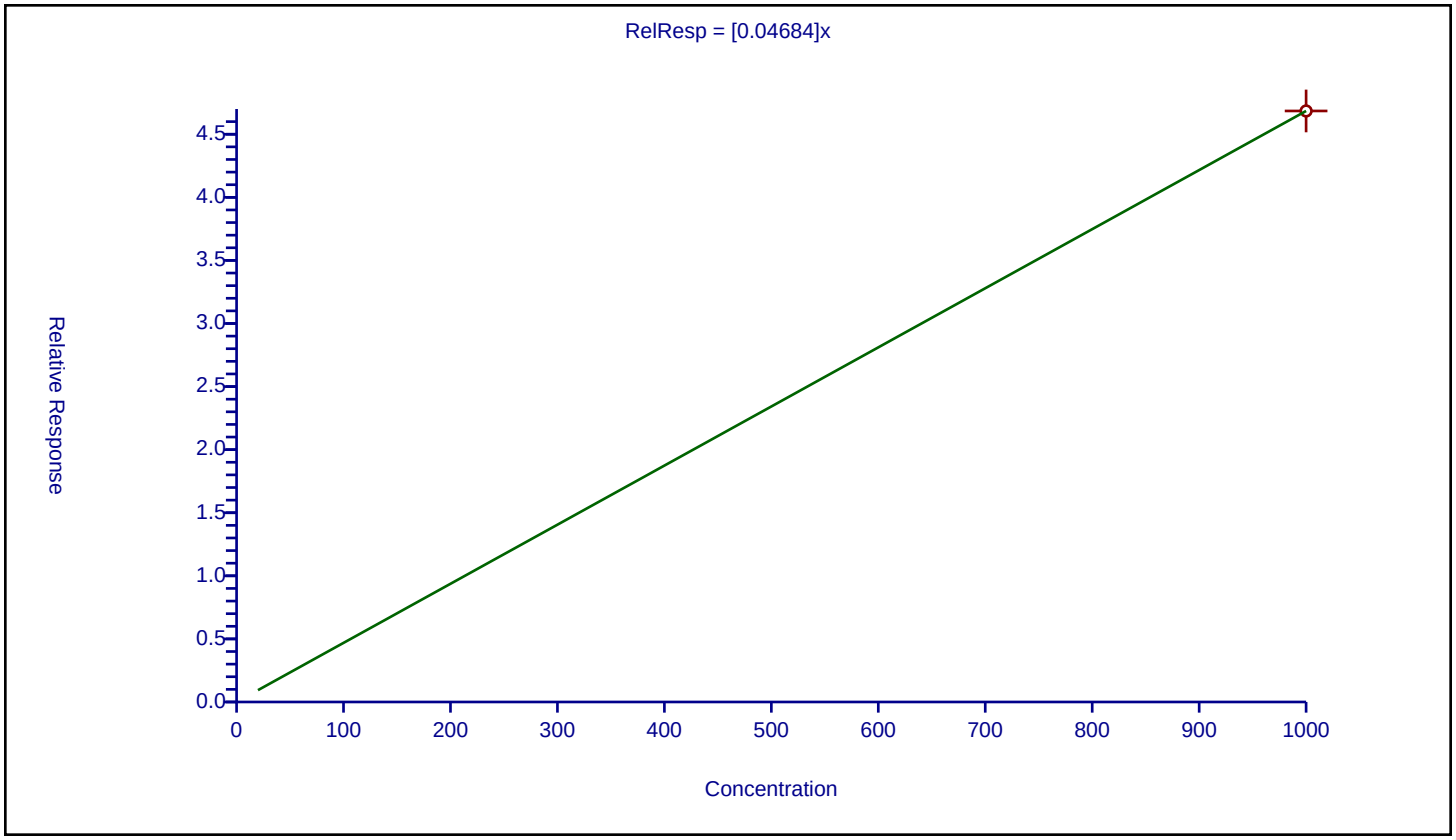
Curve Coefficients

Intercept:	0
Slope:	0.04684

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	46.844769	20.0	49199915.0	0.046845	Y



Calibration / PCB-1254 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

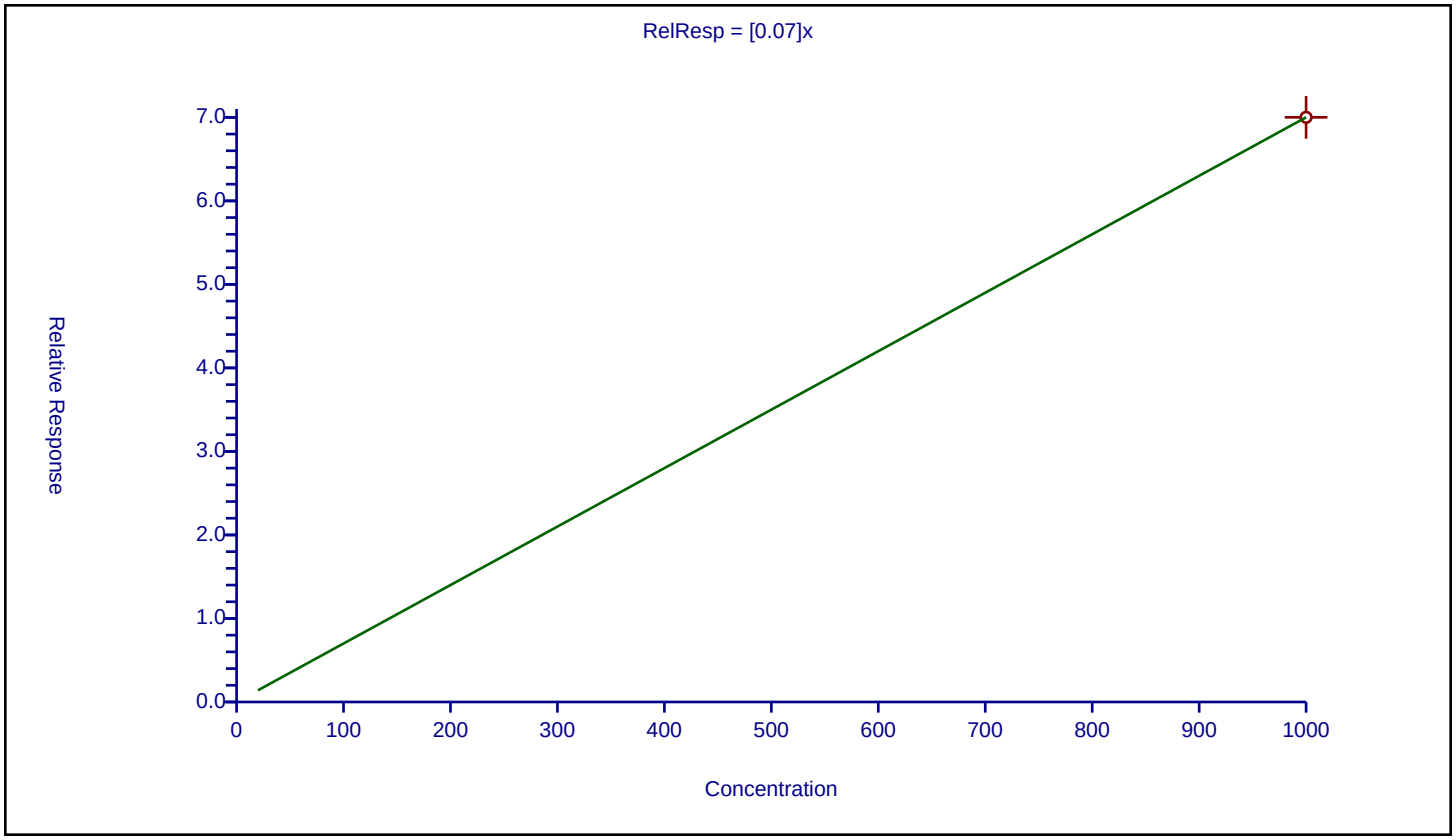
Curve Coefficients

Intercept:	0
Slope:	0.07

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/12	1000.0	70.00407	20.0	49199915.0	0.070004	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:55 Calibration End Date: 12/28/2020 13:55 Calibration ID: 83268

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/13	T1580630.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0382					Ave		0.0382						20.0			
PCB-1262 Peak 2	0.0433					Ave		0.0433						20.0			
PCB-1262 Peak 3	0.0606					Ave		0.0606						20.0			
PCB-1262 Peak 4	0.0574					Ave		0.0574						20.0			
PCB-1262 Peak 5	0.1109					Ave		0.1109						20.0			
PCB-1262 Peak 6	0.0150					Ave		0.0150						20.0			
PCB-1262 Peak 7	0.0339					Ave		0.0339						20.0			
PCB-1262 Peak 8	0.0112					Ave		0.0112						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:55 Calibration End Date: 12/28/2020 13:55 Calibration ID: 83268

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/13	T1580630.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	91146331					1000				
PCB-1262 Peak 2	BNB	Ave	103390374					1000				
PCB-1262 Peak 3	BNB	Ave	144695464					1000				
PCB-1262 Peak 4	BNB	Ave	137095947					1000				
PCB-1262 Peak 5	BNB	Ave	264792092					1000				
PCB-1262 Peak 6	BNB	Ave	35872314					1000				
PCB-1262 Peak 7	BNB	Ave	80980119					1000				
PCB-1262 Peak 8	BNB	Ave	26714640					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580630.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 13:55:43 ALS Bottle#: 18 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-013
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:20 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 13:30:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.701	1.701	0.000	47734868	20.0	20.0	
2	1.425	1.425	0.000	50383071	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	6.977	6.977	0.000	91146331	1000.0	1000.0	M
1	7.354	7.354	0.000	103390374	1000.0	1000.0	M
1	8.210	8.210	0.000	144695464	1000.0	1000.0	M
1	8.820	8.820	0.000	137095947	1000.0	1000.0	M
1	9.400	9.400	0.000	264792092	1000.0	1000.0	M
1	10.440	10.440	0.000	35872314	1000.0	1000.0	
1	10.615	10.615	0.000	80980119	1000.0	1000.0	
1	10.919	10.919	0.000	26714640	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	5.417	5.417	0.000	96864417	1000.0	1000.0	
2	6.677	6.677	0.000	163904665	1000.0	1000.0	M
2	7.195	7.195	0.000	336524941	1000.0	1000.0	M
2	7.686	7.686	0.000	116837214	1000.0	1000.0	M
2	7.843	7.843	0.000	165602263	1000.0	1000.0	M
2	8.385	8.385	0.000	60344735	1000.0	1000.0	M
2	8.953	8.953	0.000	124042048	1000.0	1000.0	
2	9.555	9.555	0.000	46458298	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

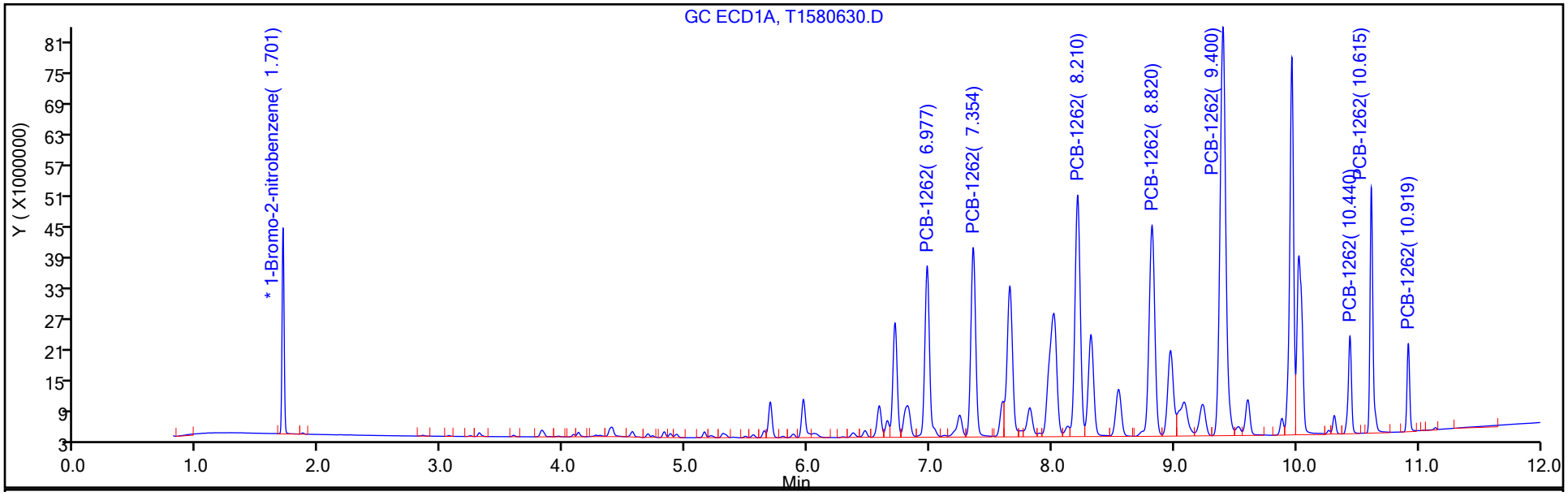
SG1262L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

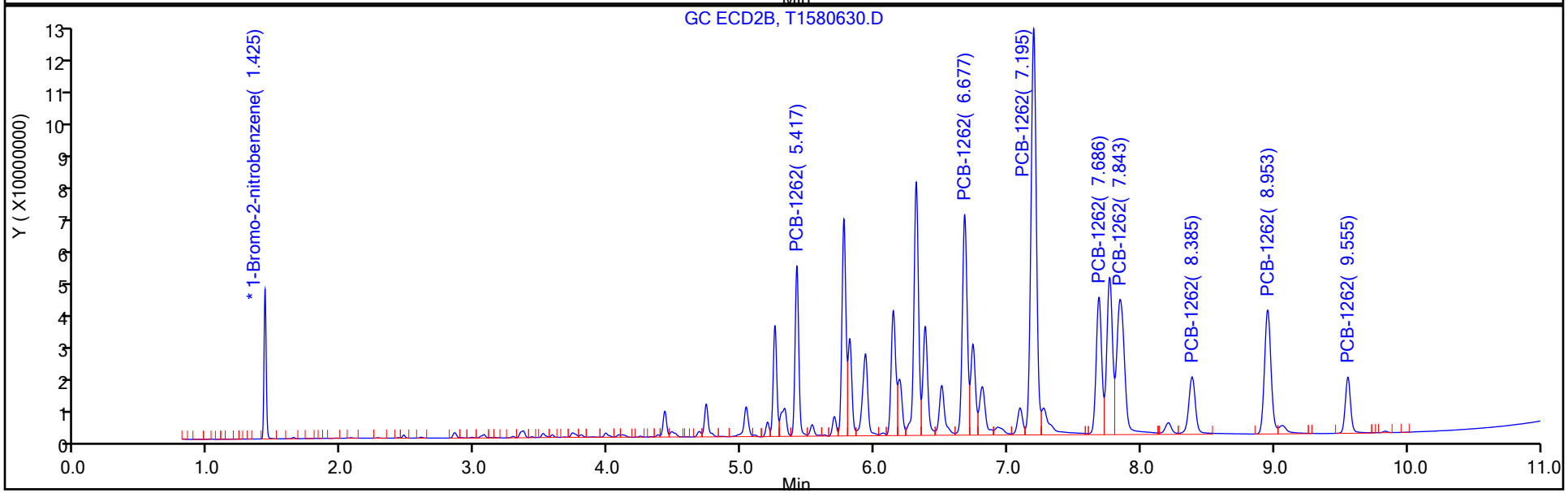
Report Date: 28-Dec-2020 13:33:21 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580630.D

Injection Date:	28-Dec-2020 13:55:43	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1262			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 28-Dec-2020 13:33:21 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580630.D

Injection Date: 28-Dec-2020 13:55:43 Instrument ID: CPESTGC11

Lims ID: IC 1262

Client ID:

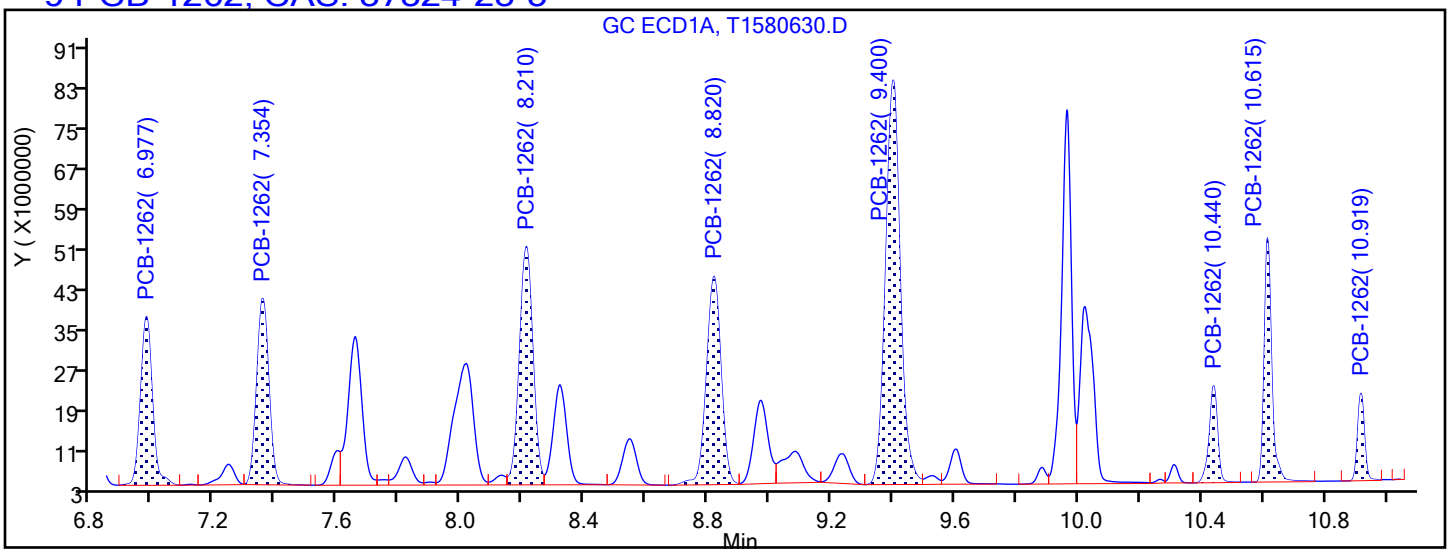
Operator ID: ALS Bottle#: 18 Worklist Smp#: 13

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

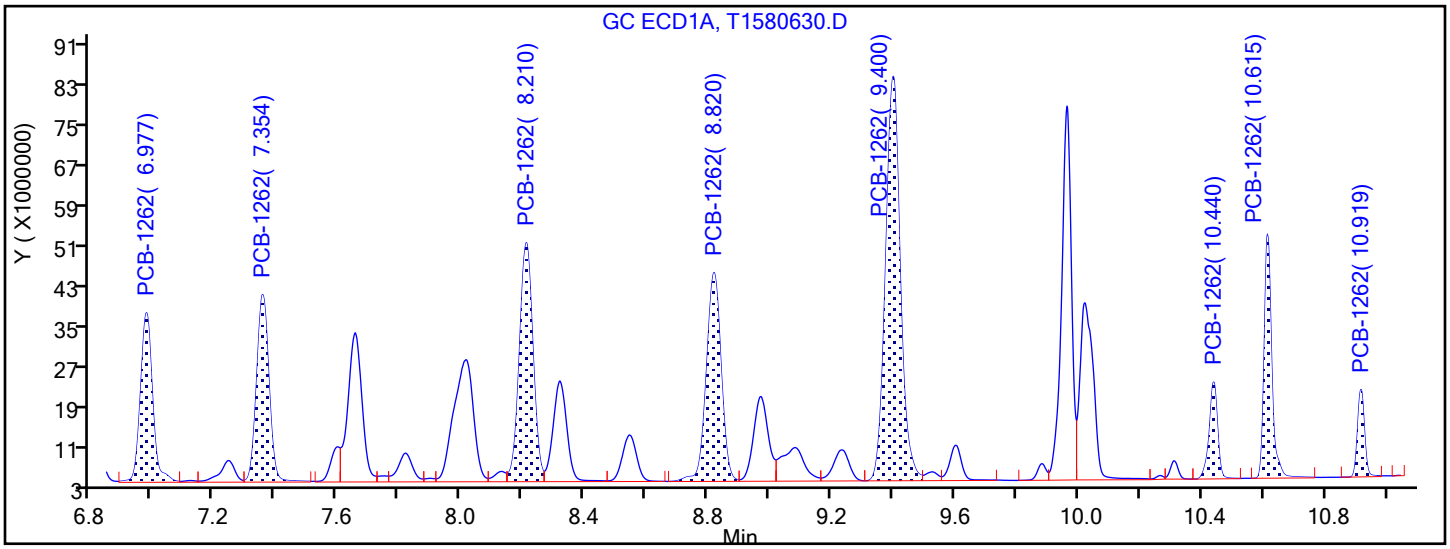
Column: Detector GC ECD1A

9 PCB-1262, CAS: 37324-23-5



Processing Integration Results

6.977	Response = 89228796
7.354	Response = 100807735
8.210	Response = 143782149
8.820	Response = 135916369
9.400	Response = 264703605
10.440	Response = 35872314
10.615	Response = 80980119
10.919	Response = 26714640



Manual Integration Results

6.977	Response = 91146331	M
7.354	Response = 103390374	M
8.210	Response = 144695464	M
8.820	Response = 137095947	M
9.400	Response = 264792092	M
10.440	Response = 35872314	

Calibration / PCB-1262 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

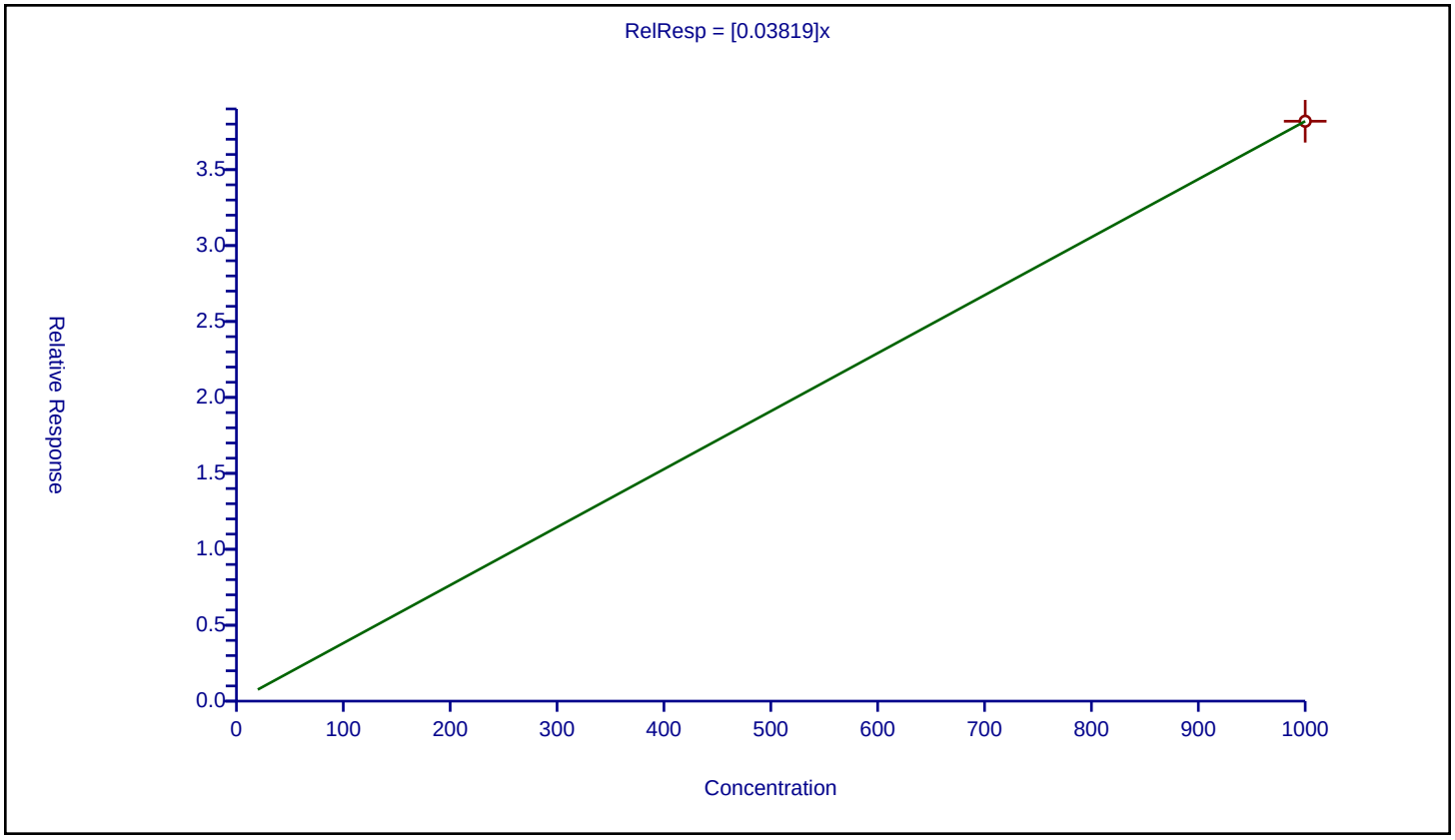
Curve Coefficients

Intercept:	0
Slope:	0.03819

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	38.188576	20.0	47734868.0	0.038189	Y



Calibration / PCB-1262 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

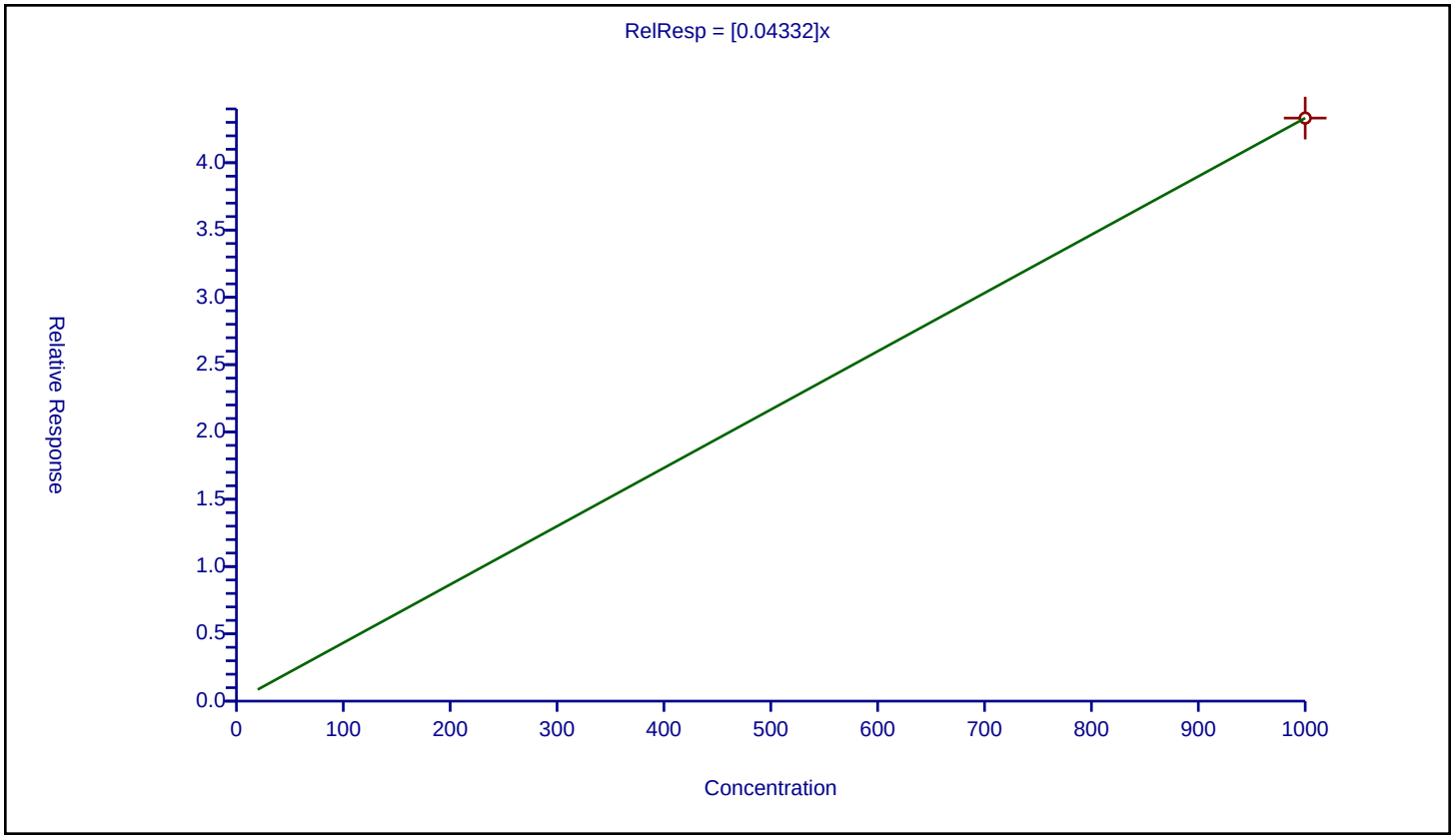
Curve Coefficients

Intercept:	0
Slope:	0.04332

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	43.318596	20.0	47734868.0	0.043319	Y



Calibration / PCB-1262 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

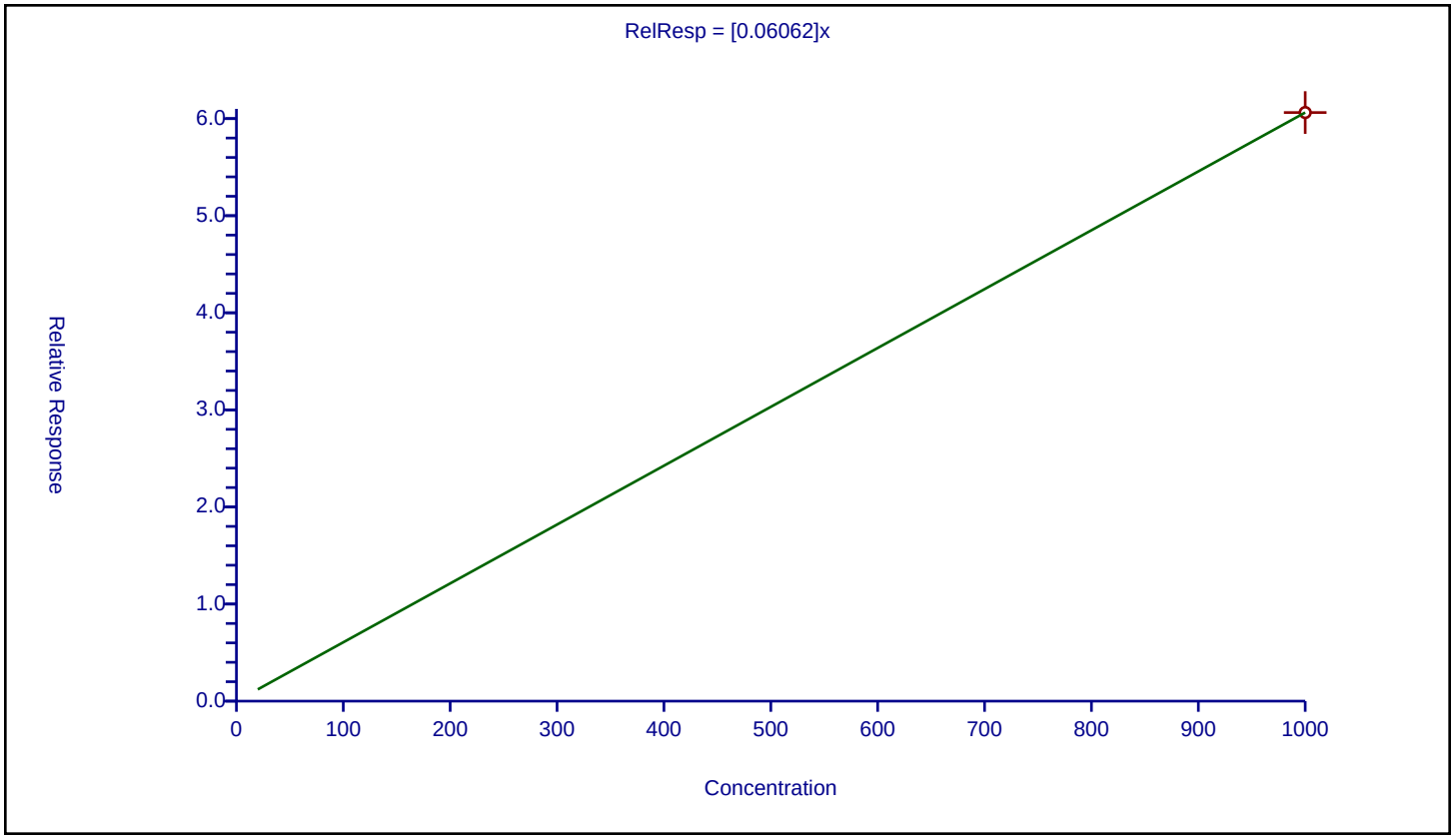
Curve Coefficients

Intercept:	0
Slope:	0.06062

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	60.624642	20.0	47734868.0	0.060625	Y



Calibration / PCB-1262 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

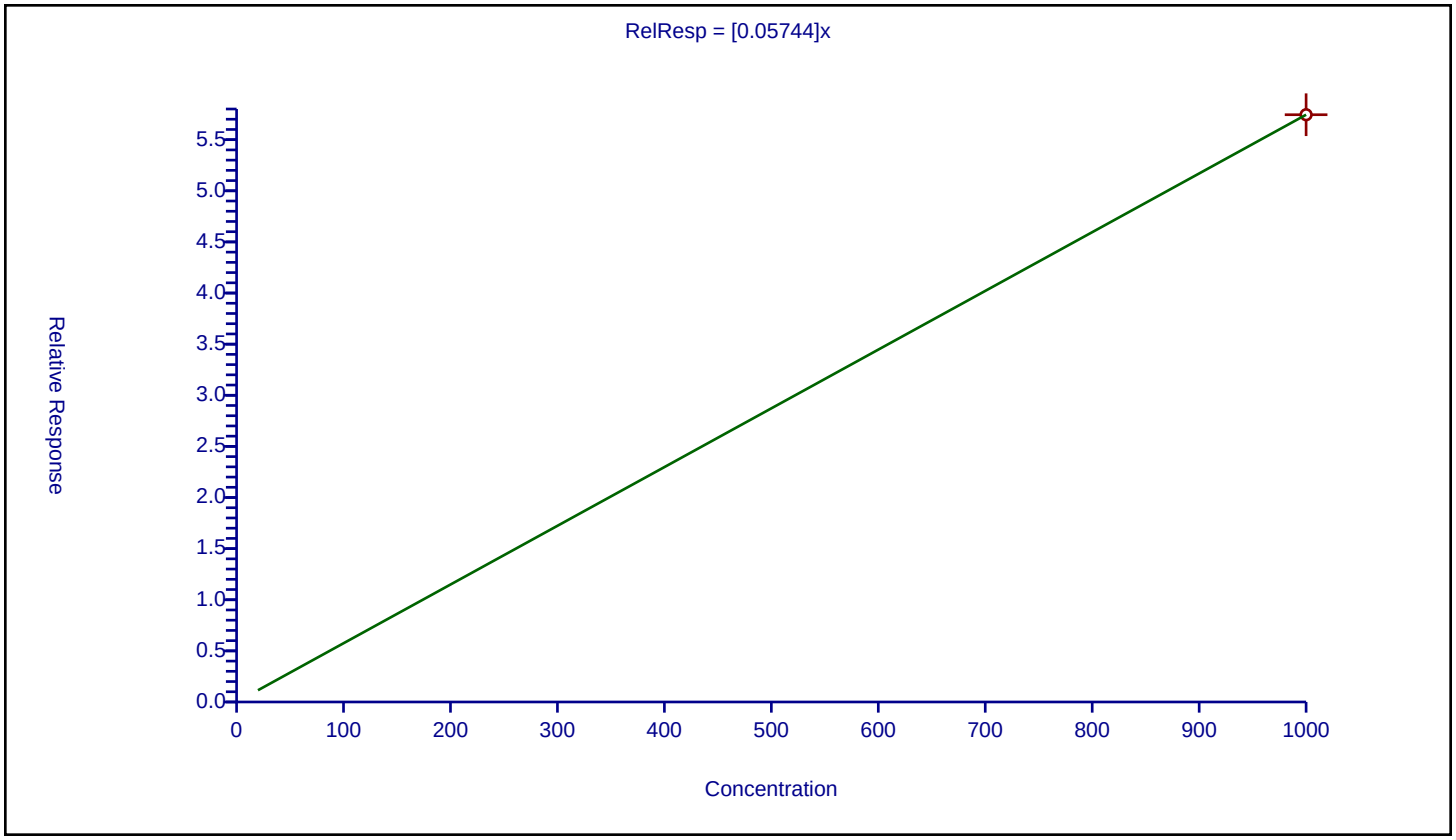
Curve Coefficients

Intercept:	0
Slope:	0.05744

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	57.440589	20.0	47734868.0	0.057441	Y



Calibration / PCB-1262 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

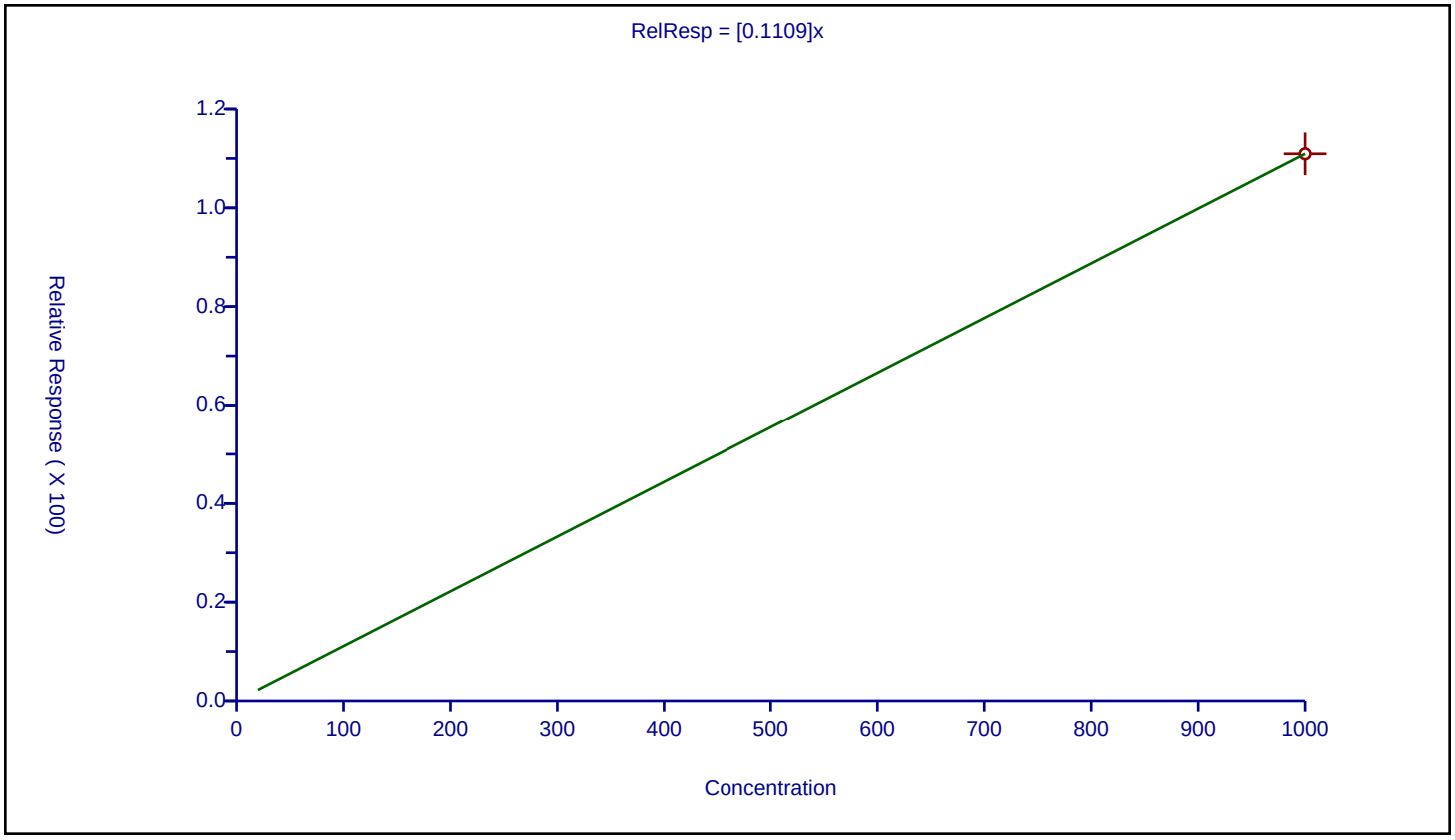
Curve Coefficients

Intercept:	0
Slope:	0.1109

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	110.94284	20.0	47734868.0	0.110943	Y



Calibration / PCB-1262 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

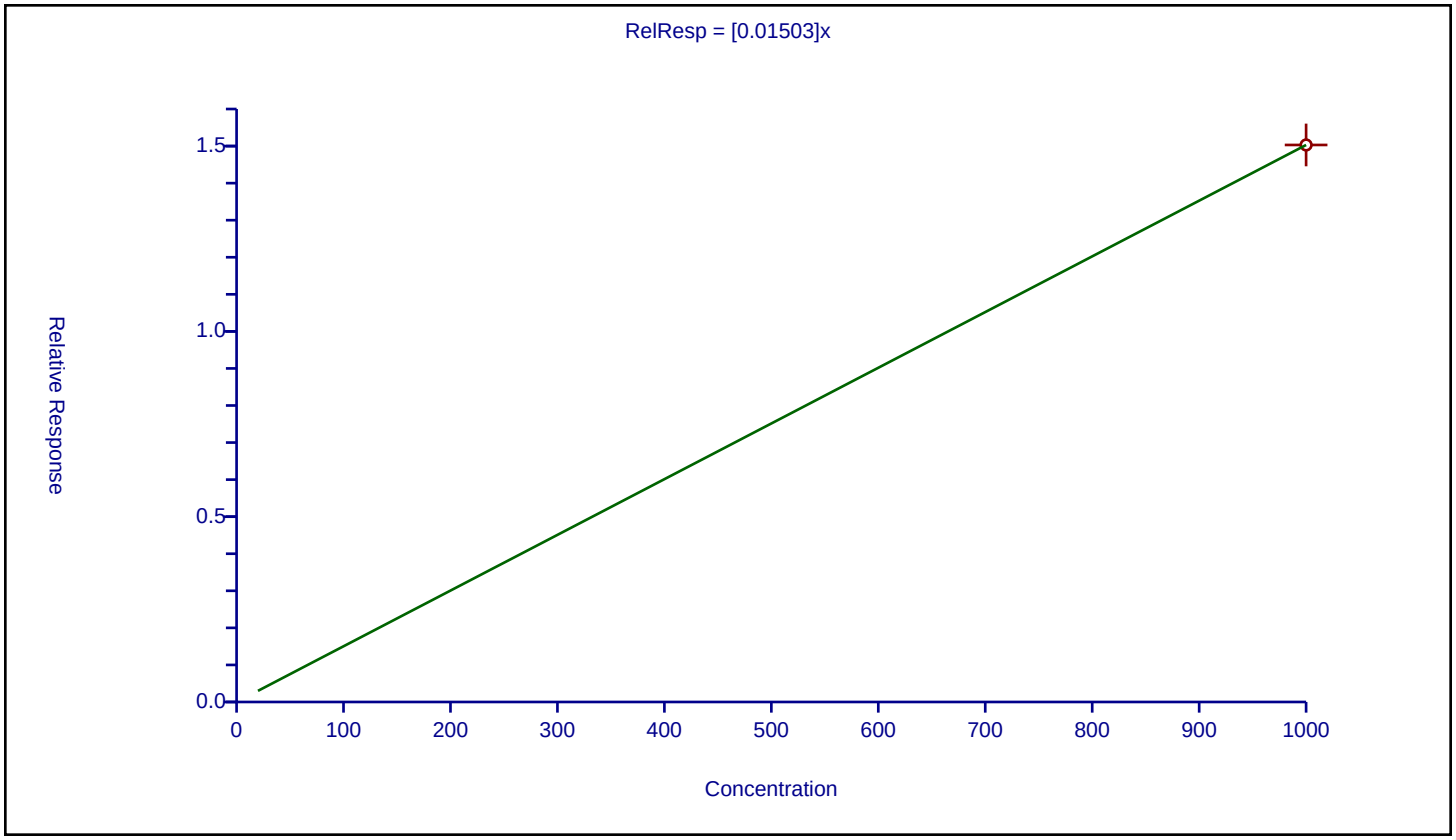
Curve Coefficients

Intercept:	0
Slope:	0.01503

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	15.029816	20.0	47734868.0	0.01503	Y



Calibration / PCB-1262 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

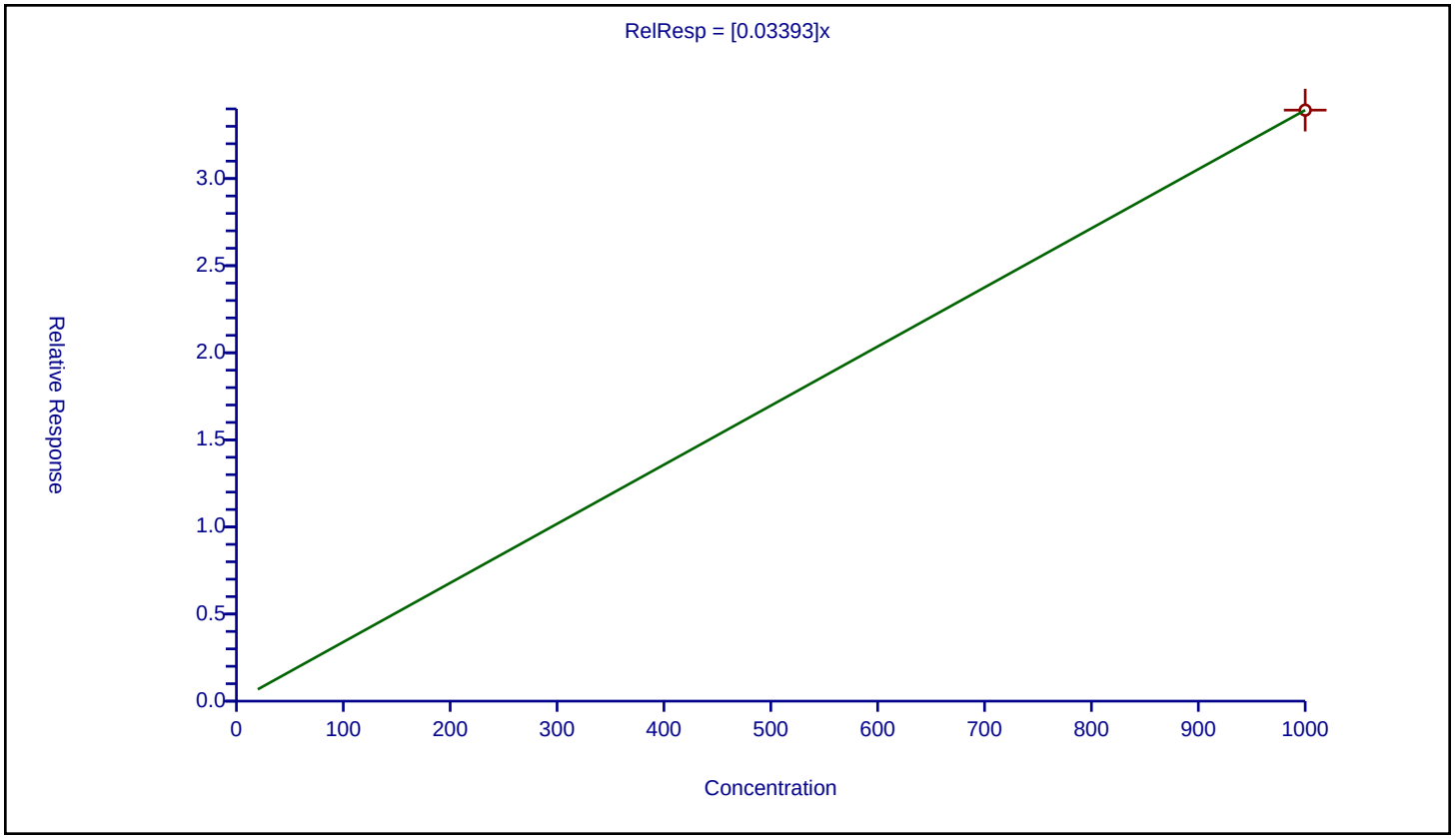
Curve Coefficients

Intercept:	0
Slope:	0.03393

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	33.929127	20.0	47734868.0	0.033929	Y



Calibration / PCB-1262 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

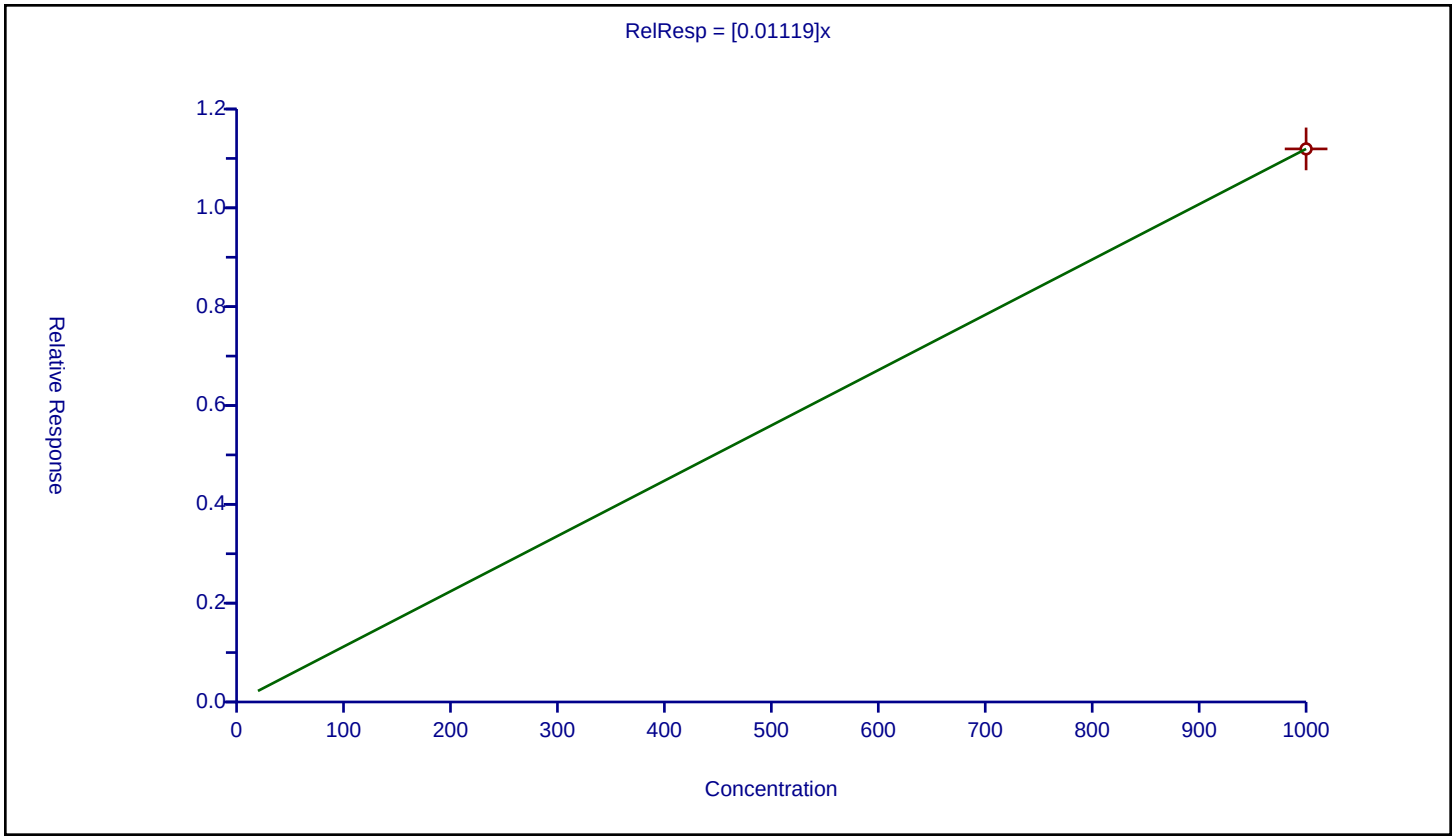
Curve Coefficients

Intercept:	0
Slope:	0.01119

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	11.192925	20.0	47734868.0	0.011193	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:55 Calibration End Date: 12/28/2020 13:55 Calibration ID: 83269

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/13	T1580630.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0385					Ave		0.0385						20.0			
PCB-1262 Peak 2	0.0651					Ave		0.0651						20.0			
PCB-1262 Peak 3	0.1336					Ave		0.1336						20.0			
PCB-1262 Peak 4	0.0464					Ave		0.0464						20.0			
PCB-1262 Peak 5	0.0657					Ave		0.0657						20.0			
PCB-1262 Peak 6	0.0240					Ave		0.0240						20.0			
PCB-1262 Peak 7	0.0492					Ave		0.0492						20.0			
PCB-1262 Peak 8	0.0184					Ave		0.0184						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 13:55 Calibration End Date: 12/28/2020 13:55 Calibration ID: 83269

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/13	T1580630.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	96864417					1000				
PCB-1262 Peak 2	BNB	Ave	163904665					1000				
PCB-1262 Peak 3	BNB	Ave	336524941					1000				
PCB-1262 Peak 4	BNB	Ave	116837214					1000				
PCB-1262 Peak 5	BNB	Ave	165602263					1000				
PCB-1262 Peak 6	BNB	Ave	60344735					1000				
PCB-1262 Peak 7	BNB	Ave	124042048					1000				
PCB-1262 Peak 8	BNB	Ave	46458298					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580630.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 13:55:43 ALS Bottle#: 18 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-013
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:20 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 13:30:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.701	1.701	0.000	47734868	20.0	20.0	
2	1.425	1.425	0.000	50383071	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	6.977	6.977	0.000	91146331	1000.0	1000.0	M
1	7.354	7.354	0.000	103390374	1000.0	1000.0	M
1	8.210	8.210	0.000	144695464	1000.0	1000.0	M
1	8.820	8.820	0.000	137095947	1000.0	1000.0	M
1	9.400	9.400	0.000	264792092	1000.0	1000.0	M
1	10.440	10.440	0.000	35872314	1000.0	1000.0	
1	10.615	10.615	0.000	80980119	1000.0	1000.0	
1	10.919	10.919	0.000	26714640	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	5.417	5.417	0.000	96864417	1000.0	1000.0	
2	6.677	6.677	0.000	163904665	1000.0	1000.0	M
2	7.195	7.195	0.000	336524941	1000.0	1000.0	M
2	7.686	7.686	0.000	116837214	1000.0	1000.0	M
2	7.843	7.843	0.000	165602263	1000.0	1000.0	M
2	8.385	8.385	0.000	60344735	1000.0	1000.0	M
2	8.953	8.953	0.000	124042048	1000.0	1000.0	
2	9.555	9.555	0.000	46458298	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1262L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:33:21 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580630.D

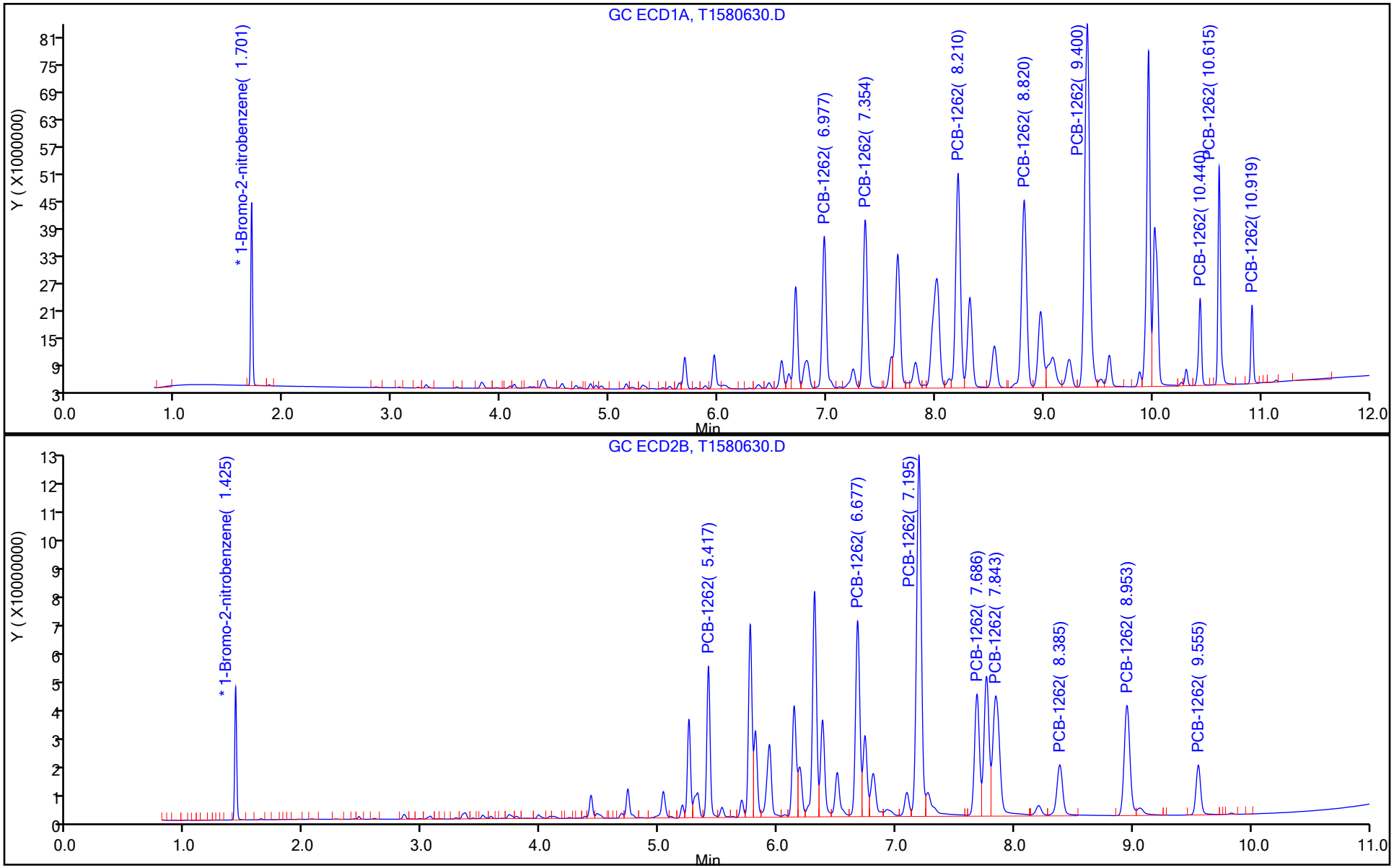
Injection Date: 28-Dec-2020 13:55:43 Instrument ID: CPESTGC11 Operator ID:

Lims ID: IC 1262 Worklist Smp#: 13

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



Report Date: 28-Dec-2020 13:33:21 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580630.D

Injection Date: 28-Dec-2020 13:55:43 Instrument ID: CPESTGC11

Lims ID: IC 1262

Client ID:

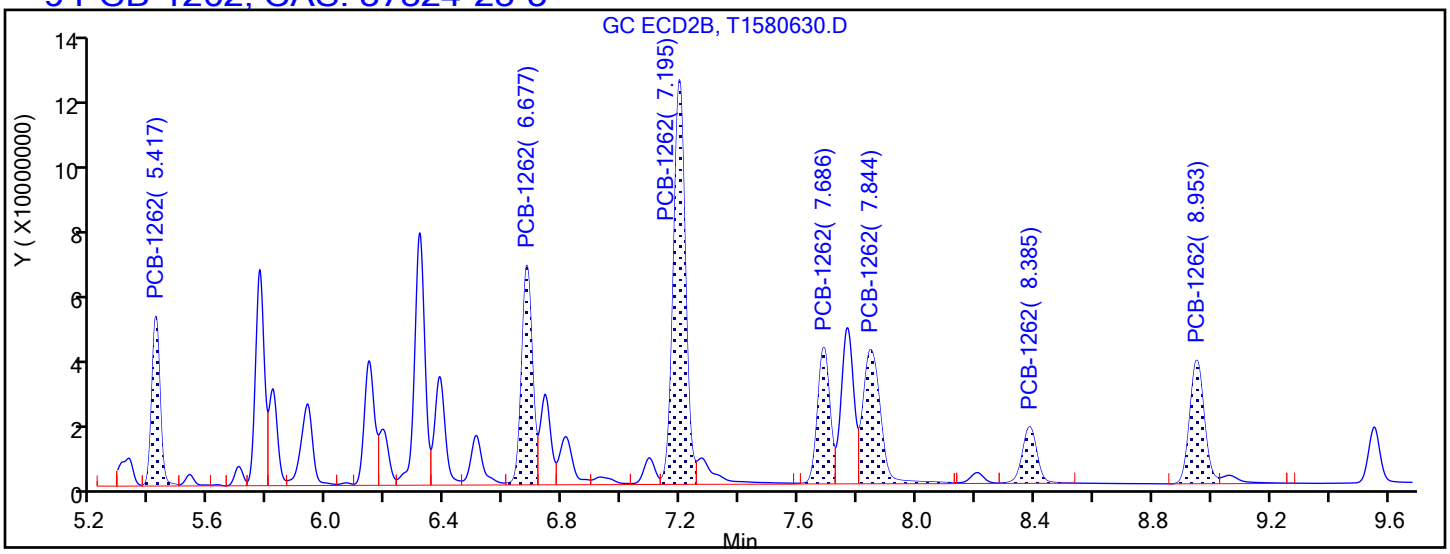
Operator ID: ALS Bottle#: 18 Worklist Smp#: 13

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

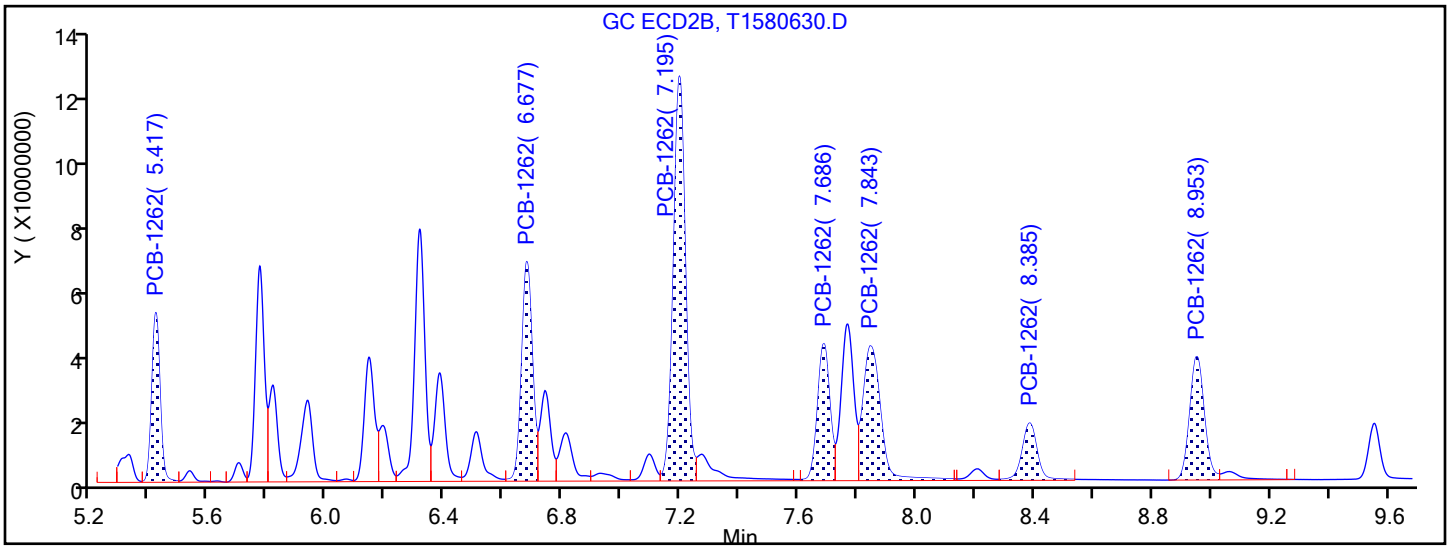
Column: Detector GC ECD2B

9 PCB-1262, CAS: 37324-23-5



Processing Integration Results

5.417	Response = 96864417
6.677	Response = 163774422
7.195	Response = 335835206
7.686	Response = 115726657
7.844	Response = 162254941
8.385	Response = 56828446
8.953	Response = 124042048
9.555	Response = 46458298



Manual Integration Results

5.417	Response = 96864417	
6.677	Response = 163904665	M
7.195	Response = 336524941	M
7.686	Response = 116837214	M
7.843	Response = 165602263	M
8.385	Response = 60344735	M

Calibration / PCB-1262 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

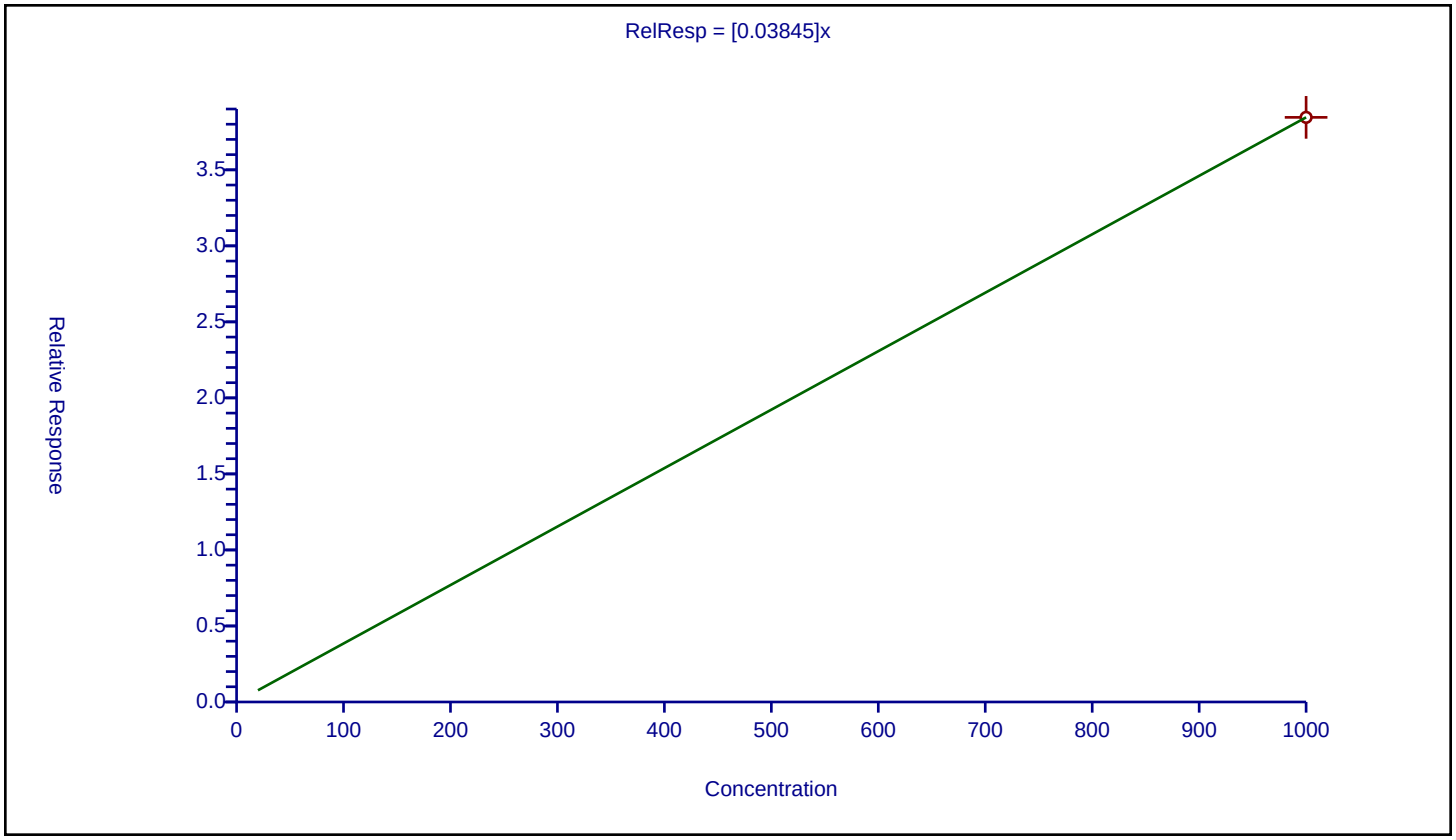
Curve Coefficients

Intercept:	0
Slope:	0.03845

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	38.451176	20.0	50383071.0	0.038451	Y



Calibration / PCB-1262 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

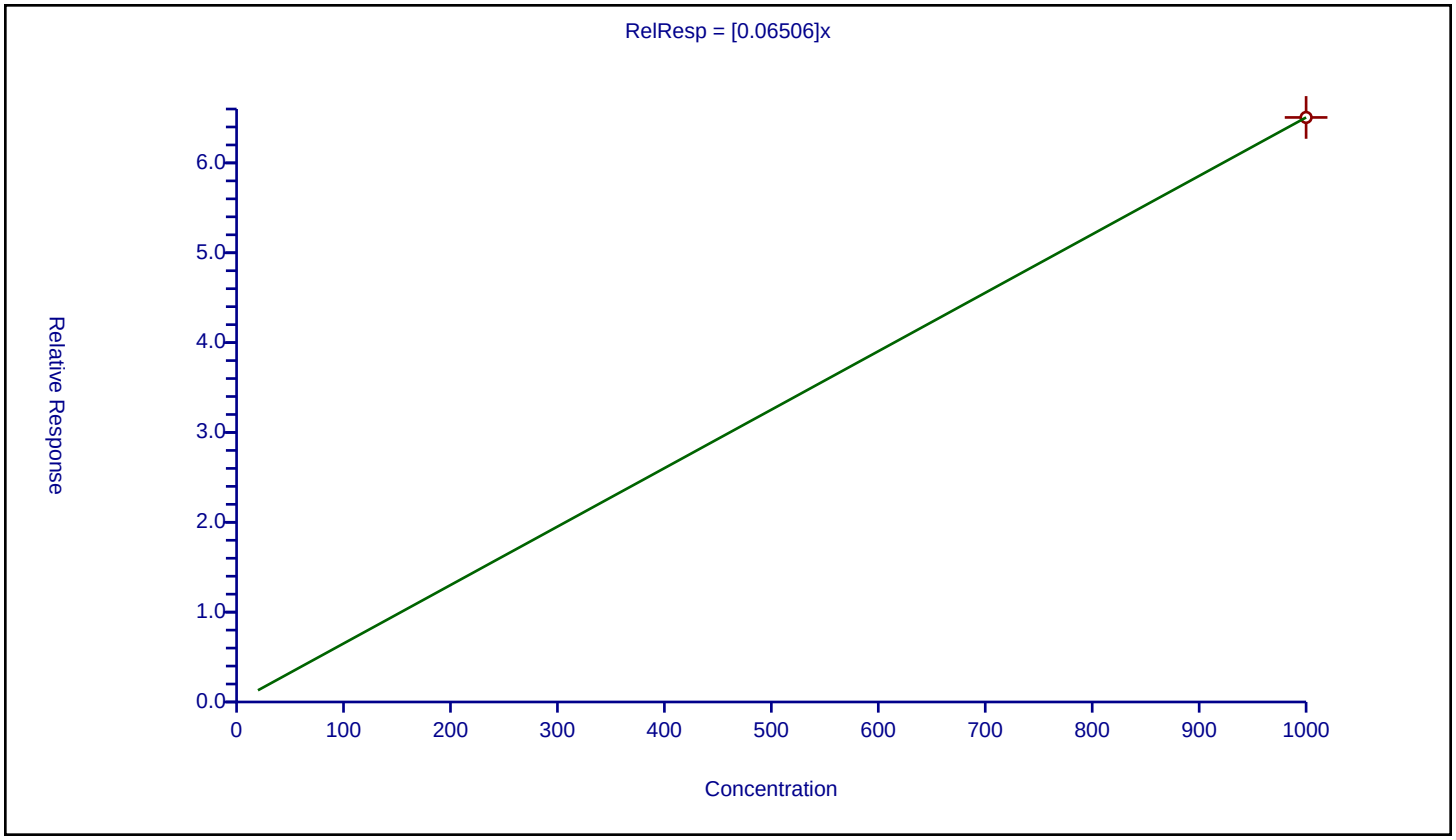
Curve Coefficients

Intercept:	0
Slope:	0.06506

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	65.063388	20.0	50383071.0	0.065063	Y



Calibration / PCB-1262 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

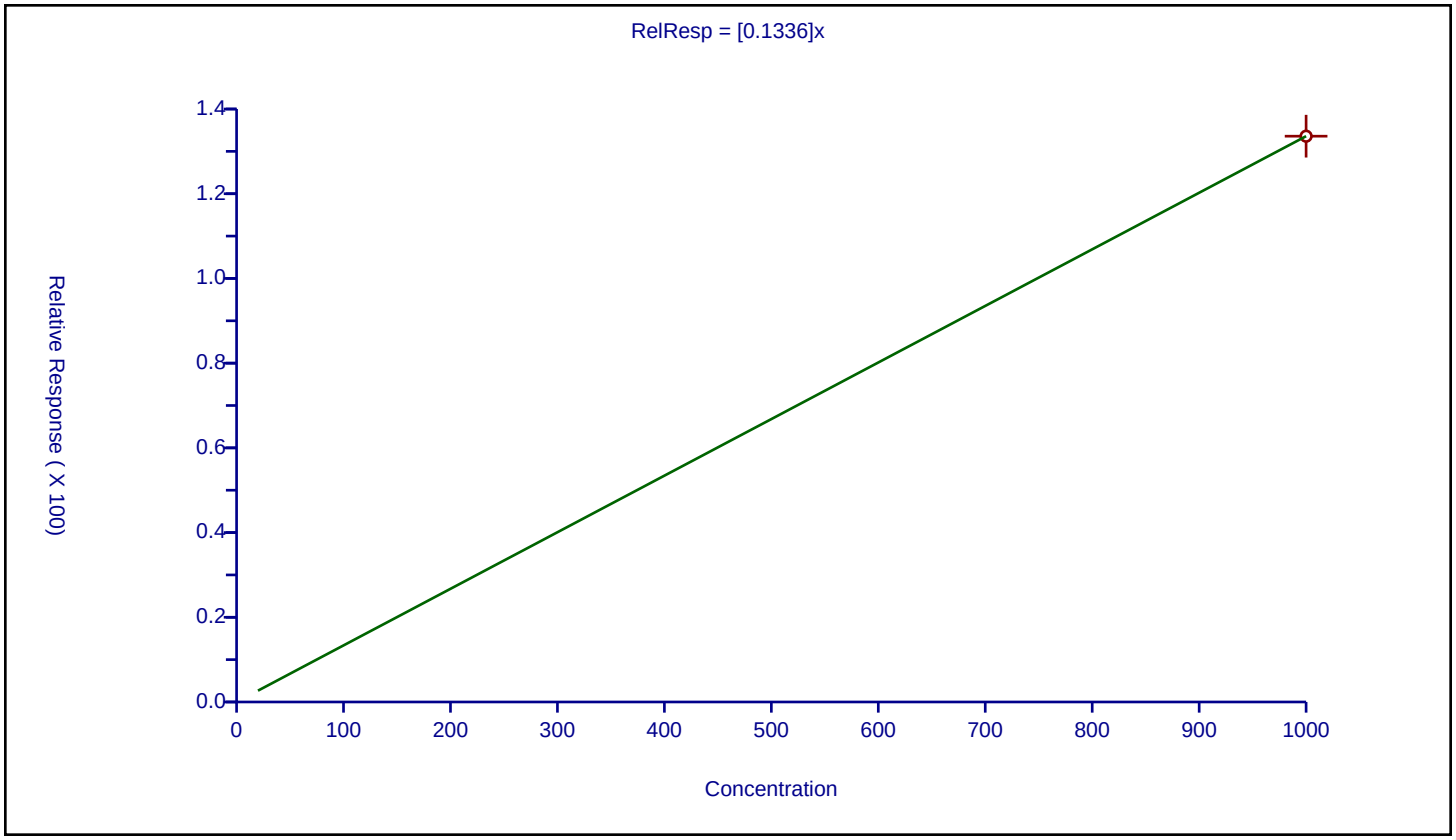
Curve Coefficients

Intercept:	0
Slope:	0.1336

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	133.586514	20.0	50383071.0	0.133587	Y



Calibration / PCB-1262 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

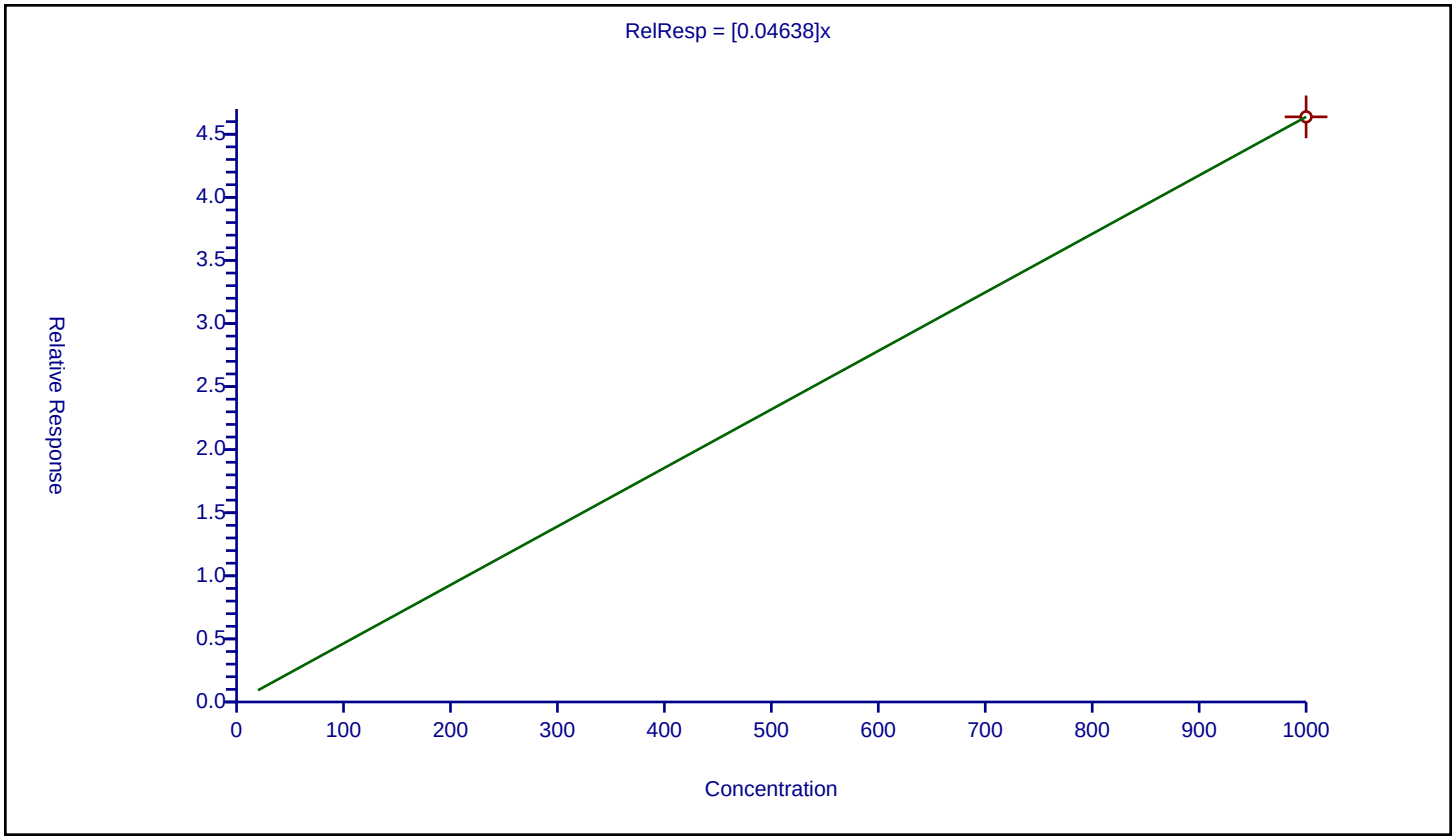
Curve Coefficients

Intercept:	0
Slope:	0.04638

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	46.379552	20.0	50383071.0	0.04638	Y



Calibration / PCB-1262 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

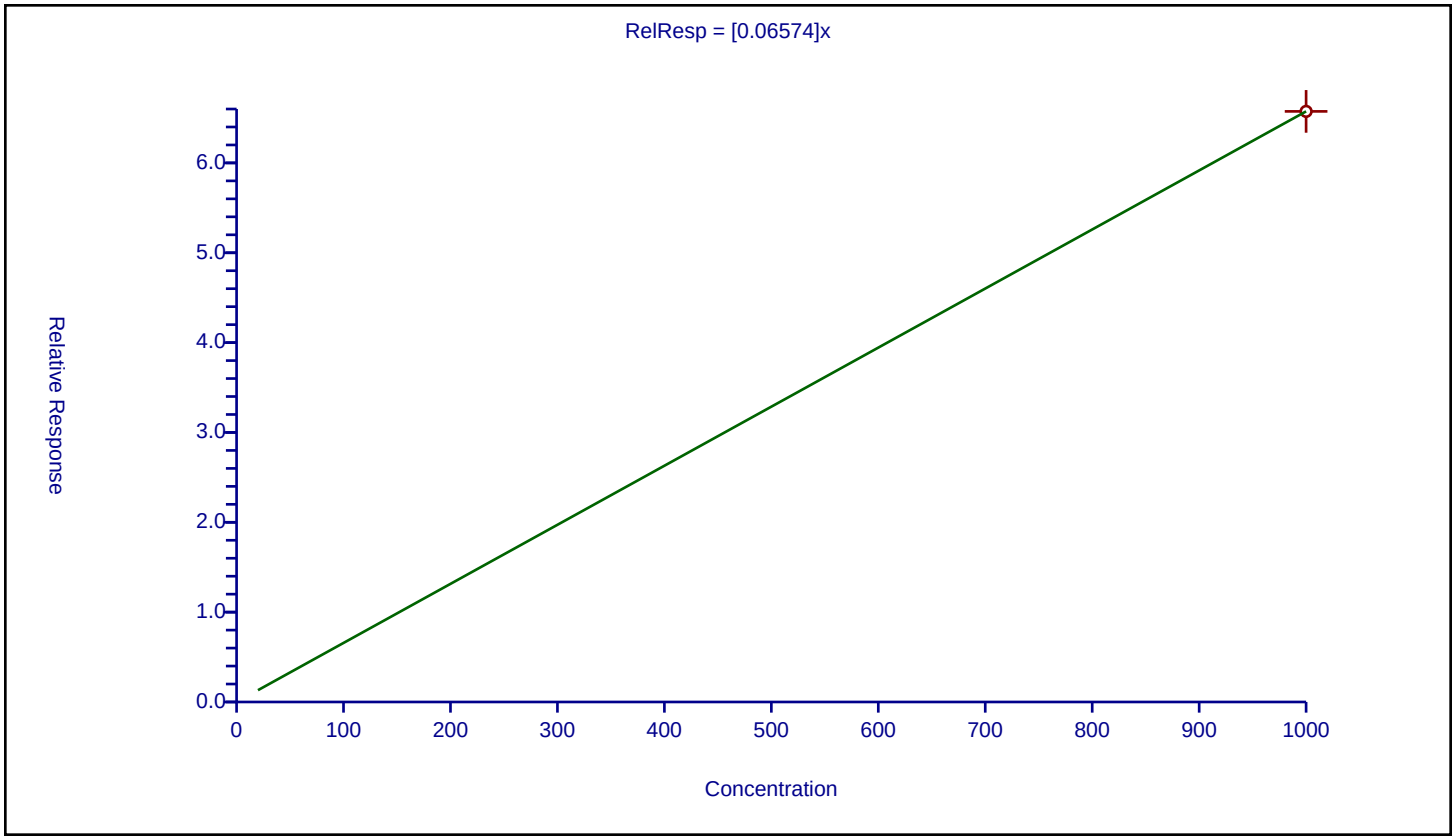
Curve Coefficients

Intercept:	0
Slope:	0.06574

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	65.737264	20.0	50383071.0	0.065737	Y



Calibration / PCB-1262 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

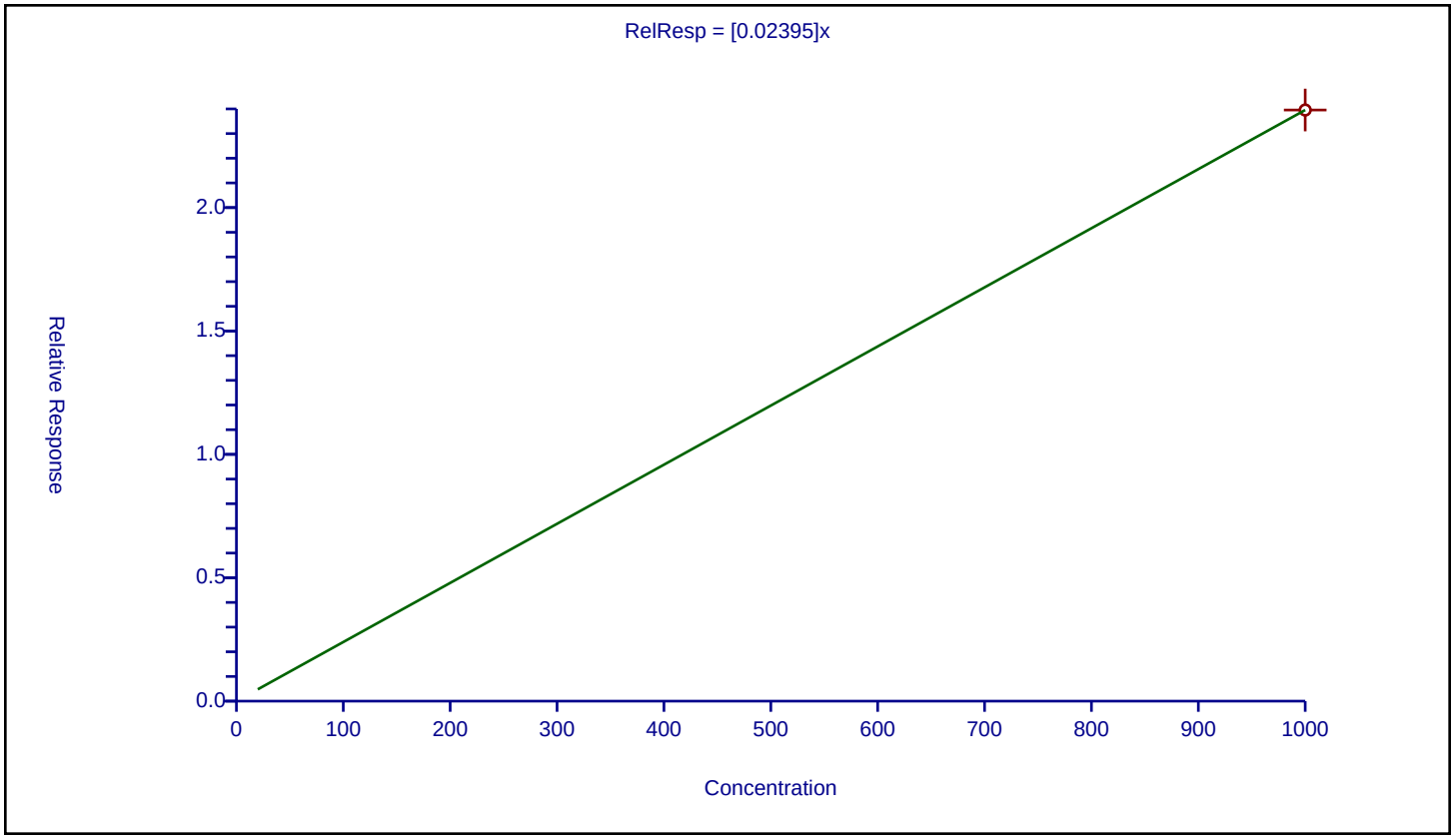
Curve Coefficients

Intercept:	0
Slope:	0.02395

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	23.95437	20.0	50383071.0	0.023954	Y



Calibration / PCB-1262 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

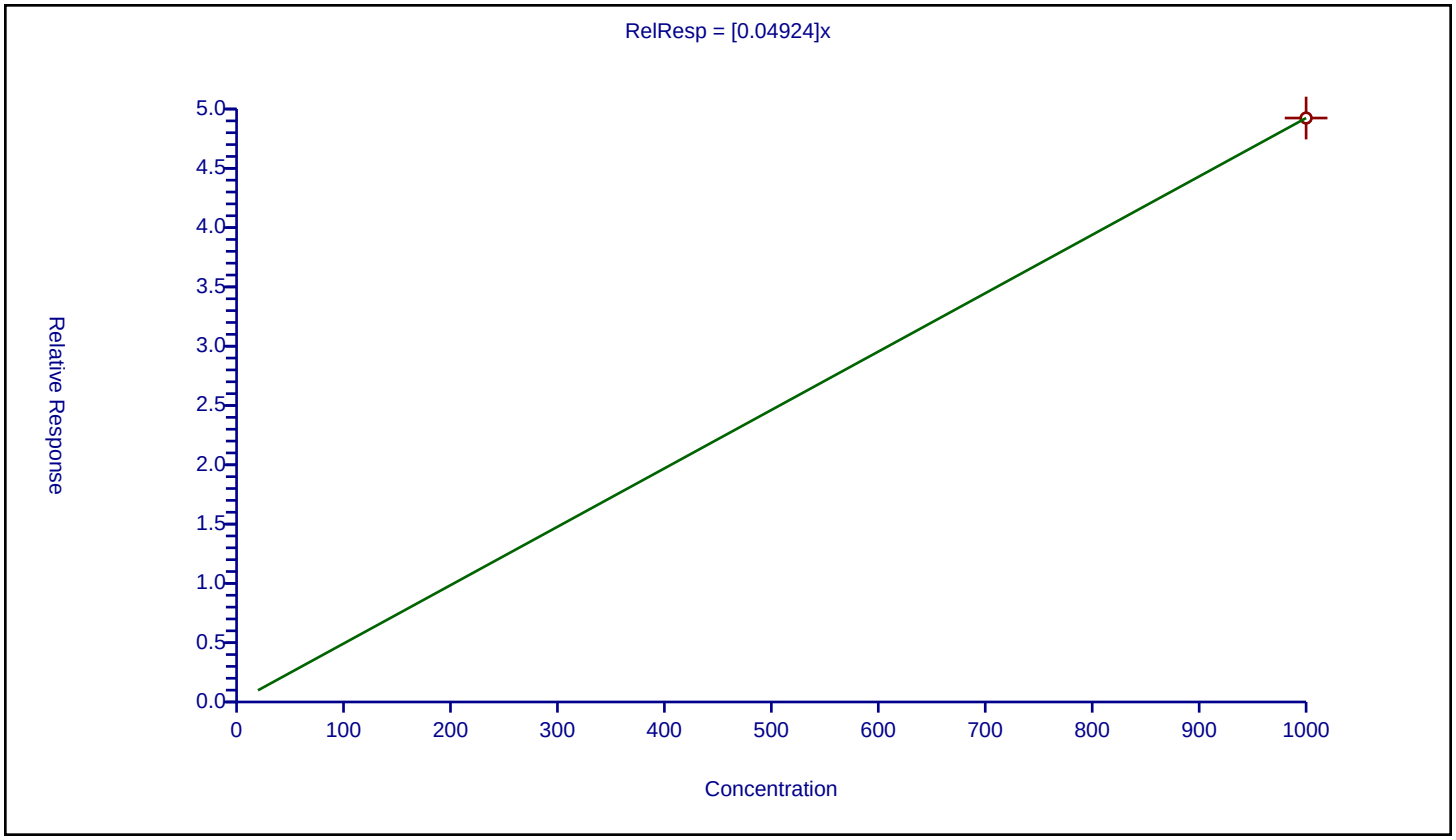
Curve Coefficients

Intercept:	0
Slope:	0.04924

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	49.239574	20.0	50383071.0	0.04924	Y



Calibration / PCB-1262 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

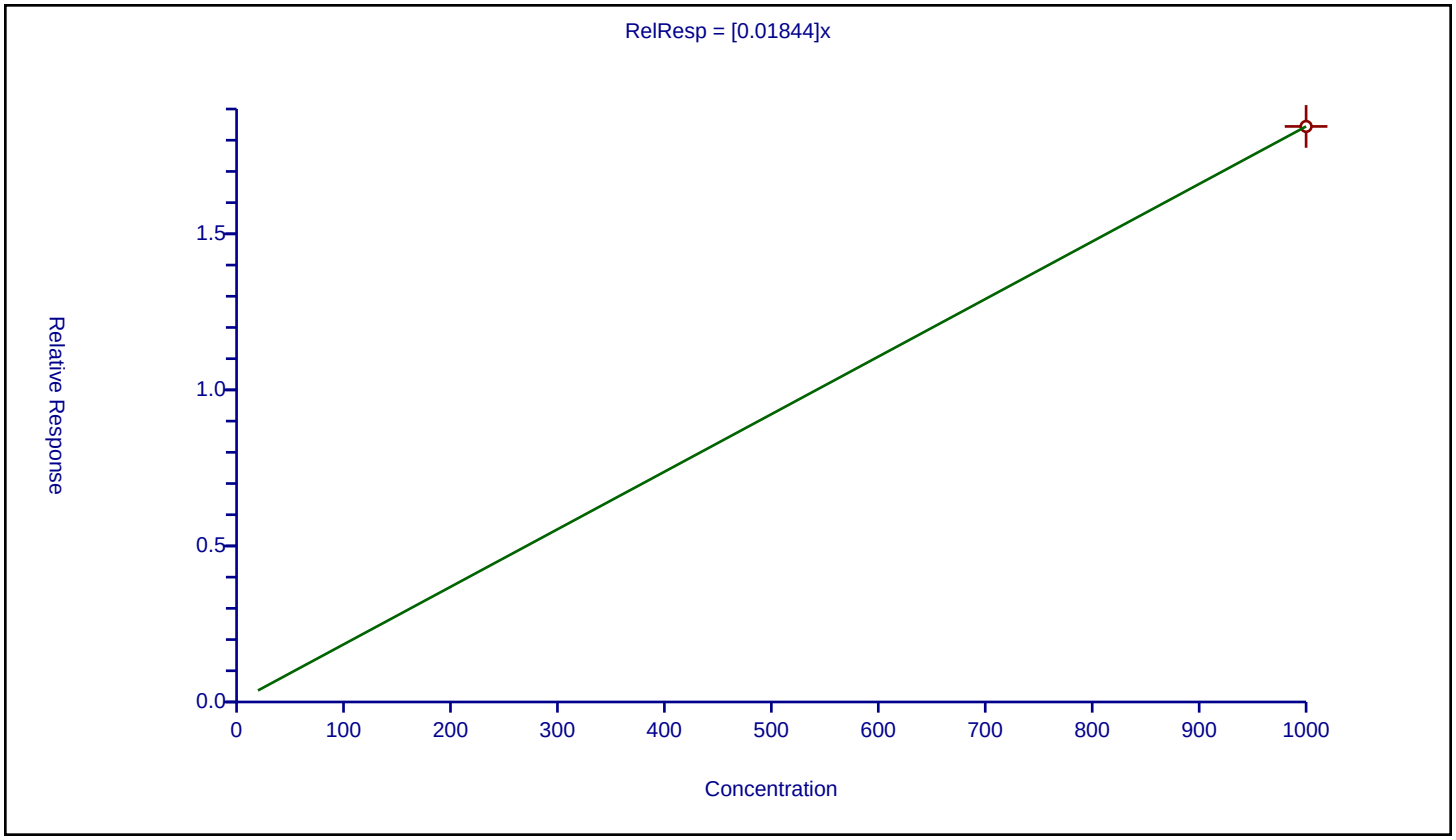
Curve Coefficients

Intercept:	0
Slope:	0.01844

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/13	1000.0	18.442027	20.0	50383071.0	0.018442	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 14:12 Calibration End Date: 12/28/2020 14:12 Calibration ID: 83274

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/14	T1580631.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0250					Ave		0.0250						20.0			
PCB-1268 Peak 2	0.0325					Ave		0.0325						20.0			
PCB-1268 Peak 3	0.1120					Ave		0.1120						20.0			
PCB-1268 Peak 4	0.1073					Ave		0.1073						20.0			
PCB-1268 Peak 5	0.0845					Ave		0.0845						20.0			
PCB-1268 Peak 6	0.0237					Ave		0.0237						20.0			
PCB-1268 Peak 7	0.0358					Ave		0.0358						20.0			
PCB-1268 Peak 8	0.2420					Ave		0.2420						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 14:12 Calibration End Date: 12/28/2020 14:12 Calibration ID: 83274

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/14	T1580631.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	56696616					1000				
PCB-1268 Peak 2	BNB	Ave	73573900					1000				
PCB-1268 Peak 3	BNB	Ave	253591386					1000				
PCB-1268 Peak 4	BNB	Ave	243008800					1000				
PCB-1268 Peak 5	BNB	Ave	191353364					1000				
PCB-1268 Peak 6	BNB	Ave	53699972					1000				
PCB-1268 Peak 7	BNB	Ave	81000837					1000				
PCB-1268 Peak 8	BNB	Ave	547839301					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 14:12:45 ALS Bottle#: 19 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-014
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub9

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:24 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 13:31:22

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.701	1.701	0.000	45278849	20.0	20.0	
2	1.424	1.424	0.000	48386155	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							M
1	8.209	8.209	0.000	56696616	1000.0	1000.0	
1	8.824	8.824	0.000	73573900	1000.0	1000.0	
1	9.961	9.961	0.000	253591386	1000.0	1000.0	
1	10.019	10.019	0.000	243008800	1000.0	1000.0	
1	10.313	10.313	0.000	191353364	1000.0	1000.0	
1	10.418	10.418	0.000	53699972	1000.0	1000.0	
1	10.616	10.616	0.000	81000837	1000.0	1000.0	
1	10.919	10.919	0.000	547839301	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	6.314	6.314	0.000	65996303	1000.0	1000.0	
2	6.671	6.671	0.000	87815559	1000.0	1000.0	
2	7.766	7.766	0.000	376591319	1000.0	1000.0	M
2	7.836	7.836	0.000	378569714	1000.0	1000.0	M
2	8.206	8.206	0.000	319248582	1000.0	1000.0	M
2	8.373	8.373	0.000	95601937	1000.0	1000.0	M
2	8.951	8.951	0.000	139048915	1000.0	1000.0	M
2	9.554	9.554	0.000	1004247201	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags

M - Manually Integrated

Reagents:

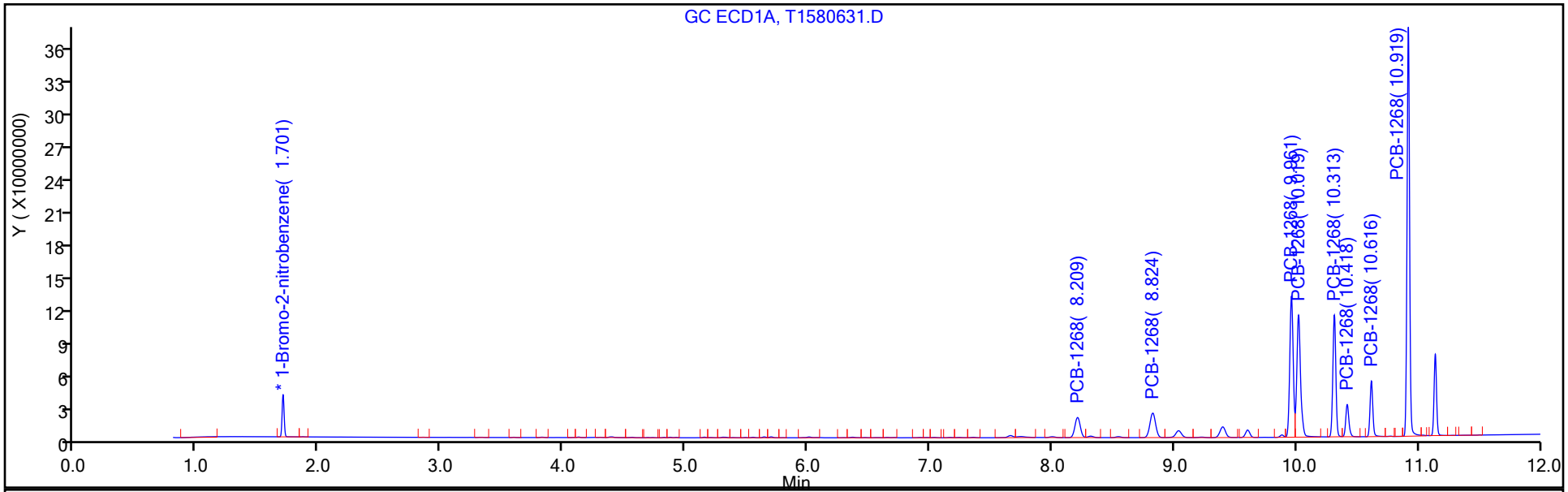
SG1268L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

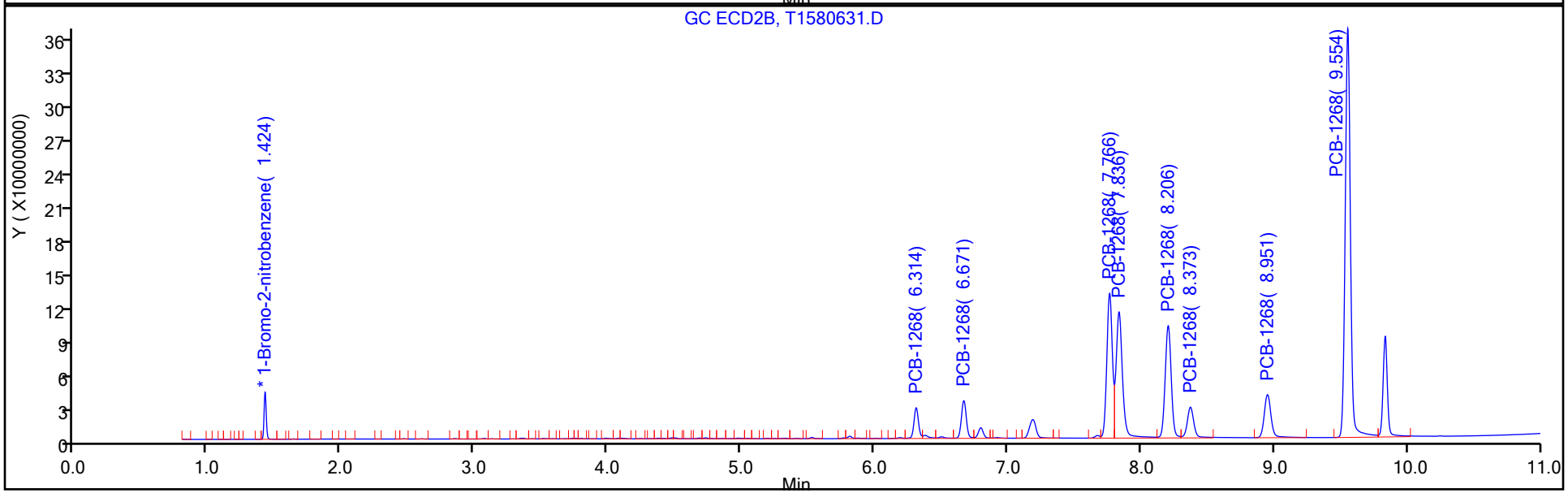
Report Date: 28-Dec-2020 13:33:24 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Injection Date:	28-Dec-2020 14:12:45	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 28-Dec-2020 13:33:24 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Injection Date: 28-Dec-2020 14:12:45 Instrument ID: CPESTGC11

Lims ID: IC 1268

Client ID:

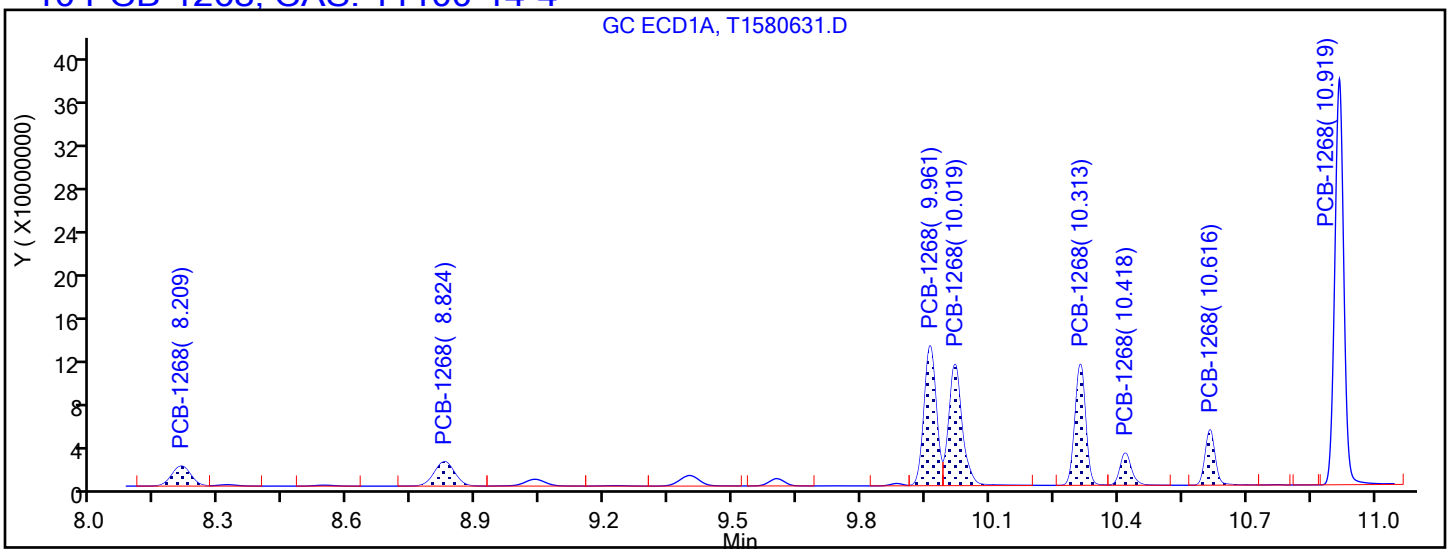
Operator ID: ALS Bottle#: 19 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

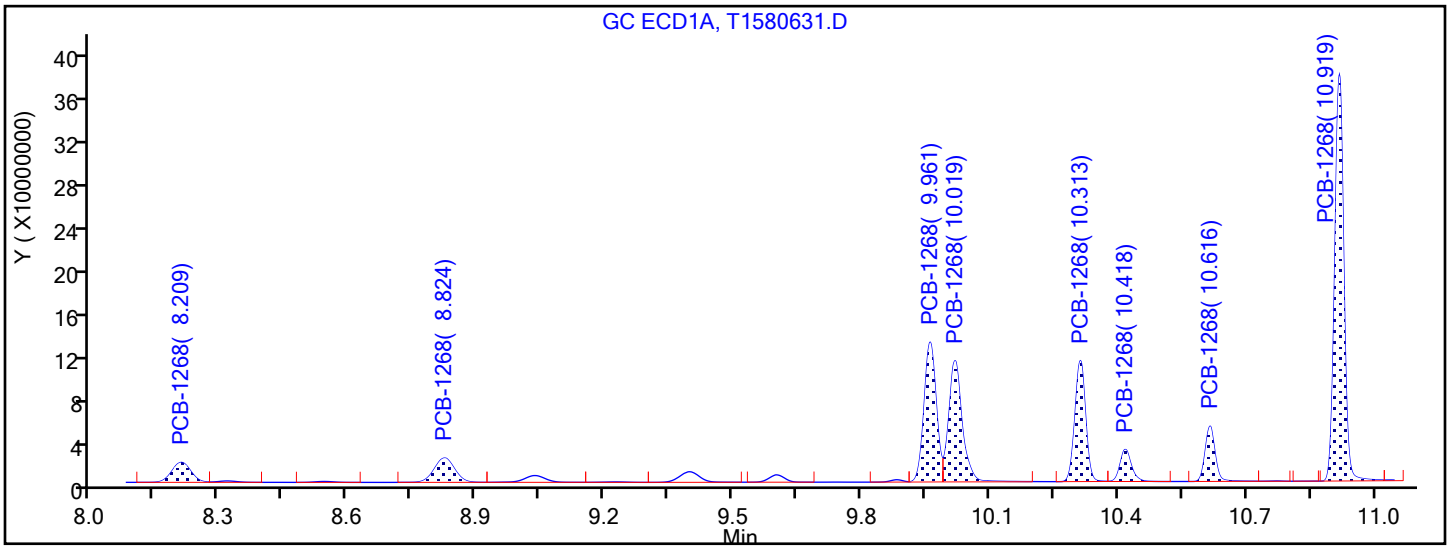
Column: Detector GC ECD1A

10 PCB-1268, CAS: 11100-14-4



Processing Integration Results

8.209	Response = 56696616
8.824	Response = 73573900
9.961	Response = 253591386
10.019	Response = 243008800
10.313	Response = 191353364
10.418	Response = 53699972
10.616	Response = 81000837
10.919	Response = 549297564



Manual Integration Results

8.209	Response = 56696616
8.824	Response = 73573900
9.961	Response = 253591386
10.019	Response = 243008800
10.313	Response = 191353364
10.418	Response = 53699972

Calibration / PCB-1268 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

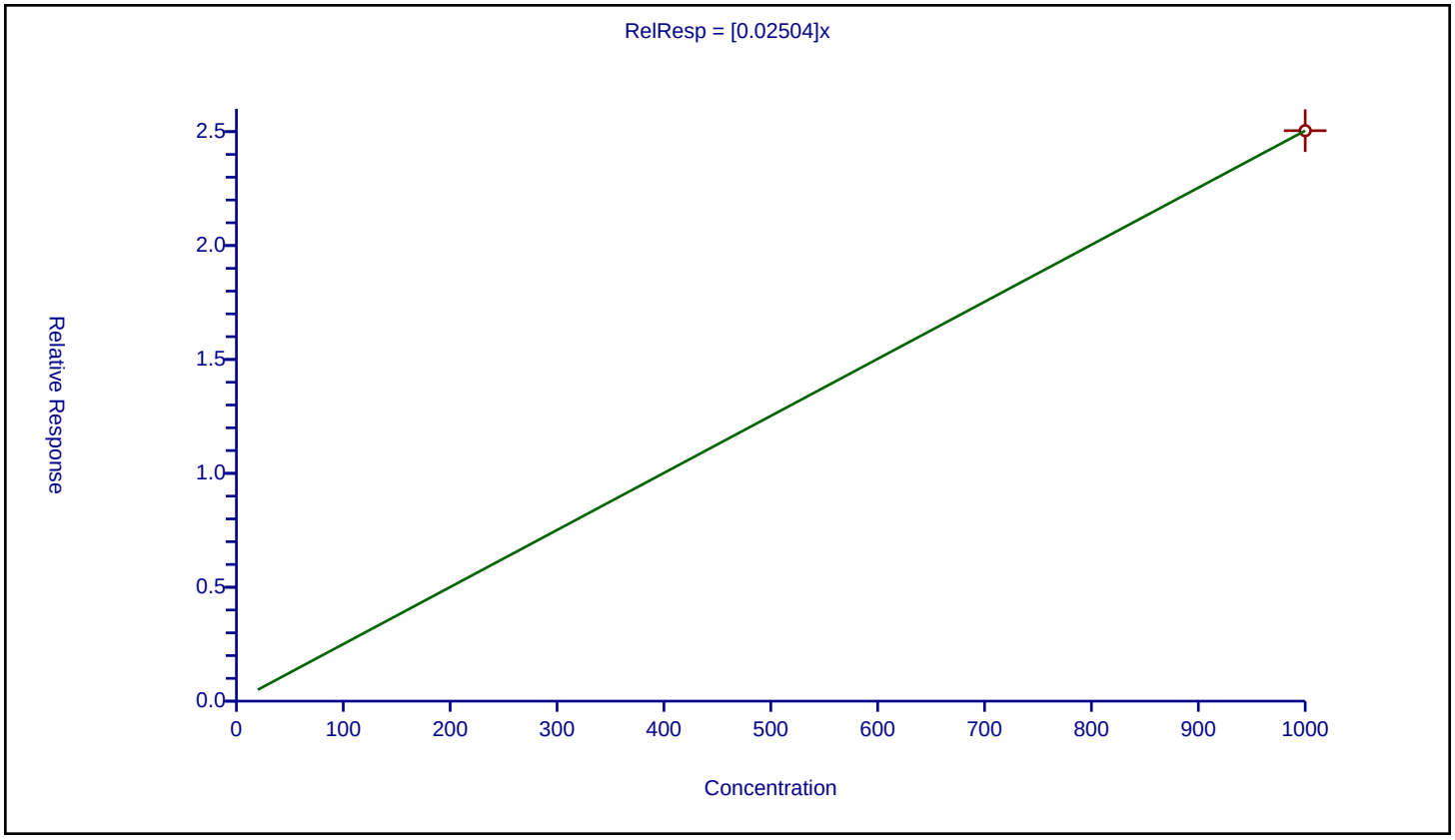
Curve Coefficients

Intercept:	0
Slope:	0.02504

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	25.043312	20.0	45278849.0	0.025043	Y



Calibration / PCB-1268 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

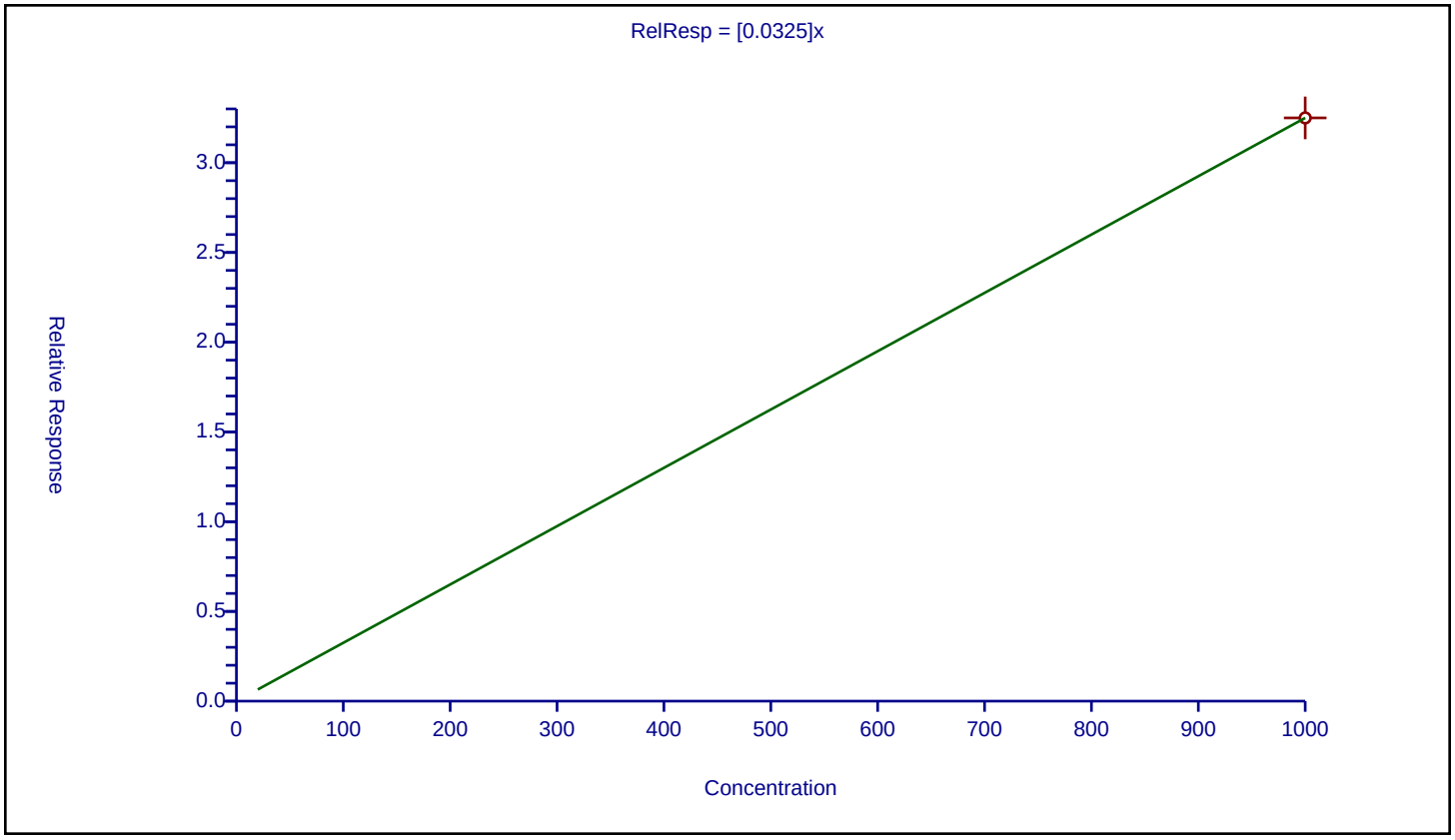
Curve Coefficients

Intercept:	0
Slope:	0.0325

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	32.498132	20.0	45278849.0	0.032498	Y



Calibration / PCB-1268 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

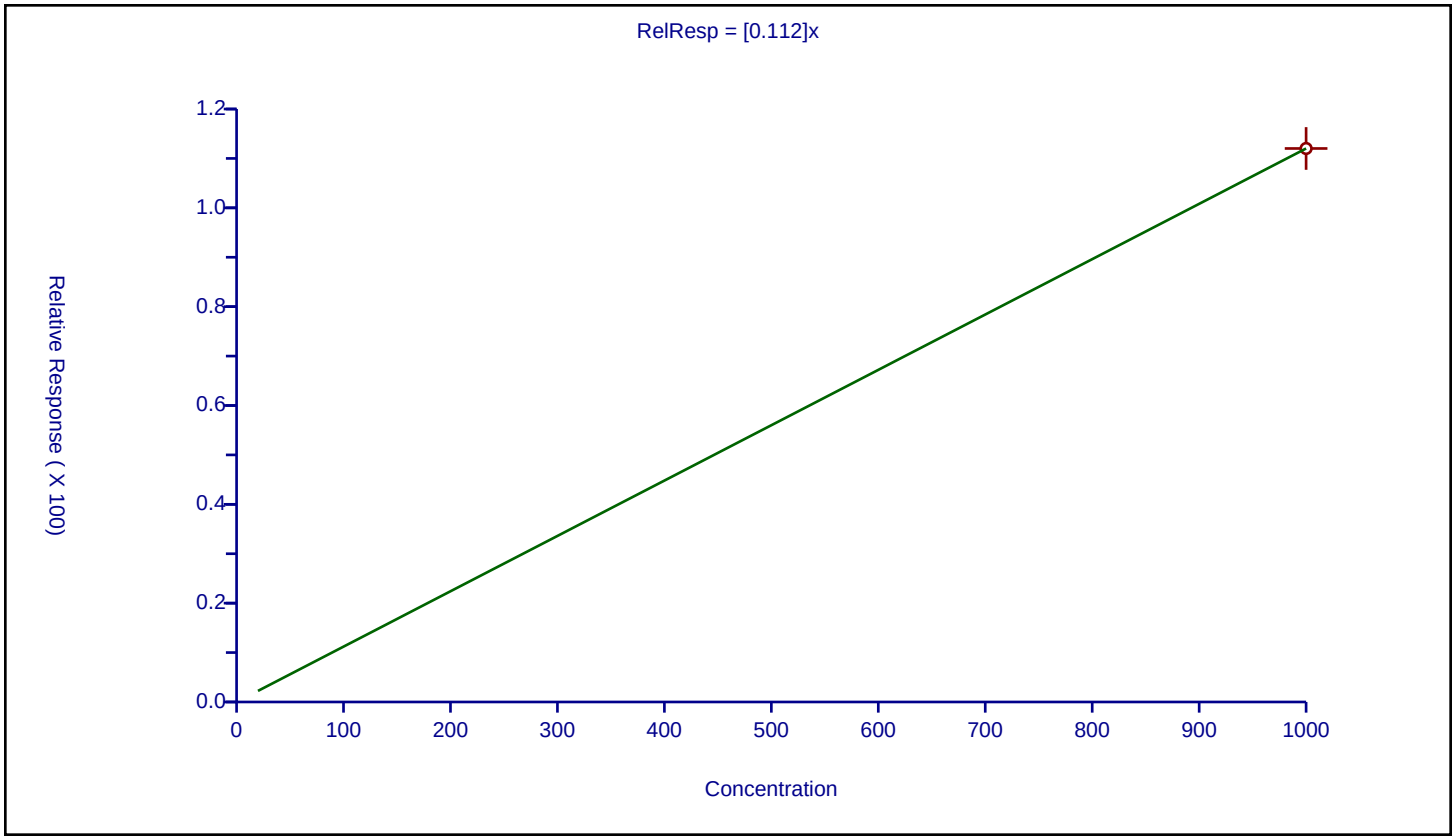
Curve Coefficients

Intercept:	0
Slope:	0.112

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	112.013177	20.0	45278849.0	0.112013	Y



Calibration / PCB-1268 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

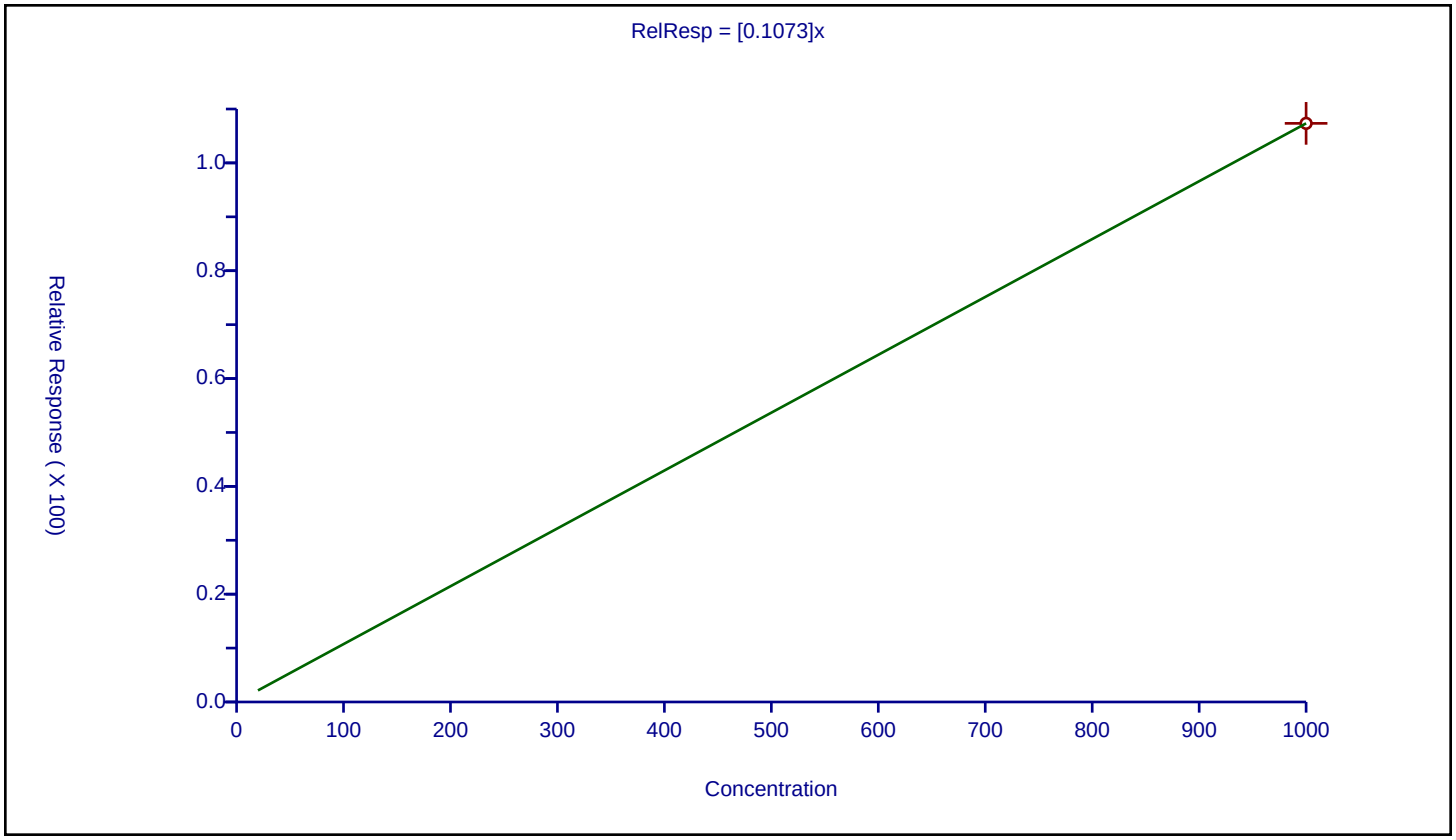
Curve Coefficients

Intercept:	0
Slope:	0.1073

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	107.338771	20.0	45278849.0	0.107339	Y



Calibration / PCB-1268 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

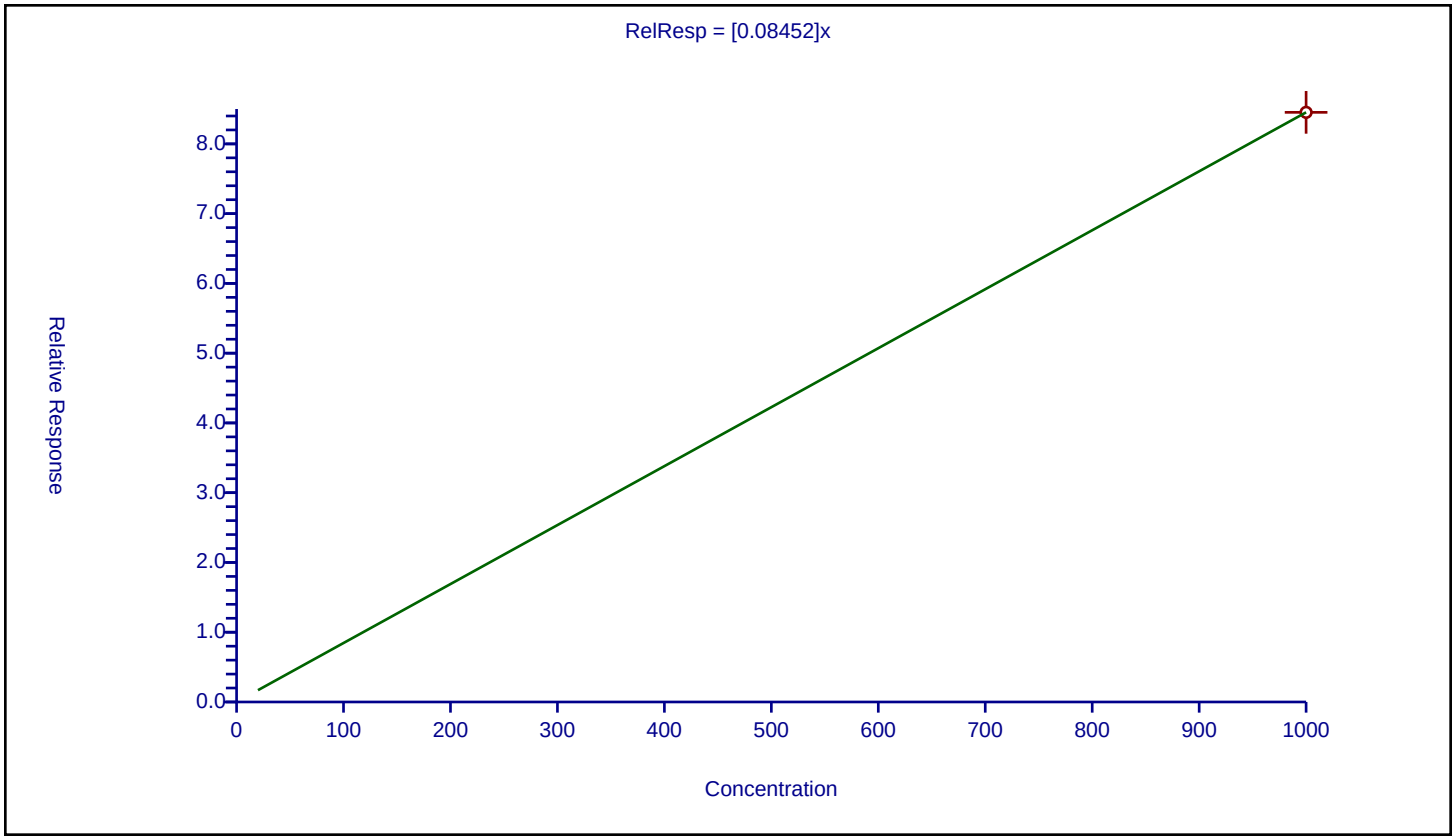
Curve Coefficients

Intercept:	0
Slope:	0.08452

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	84.522186	20.0	45278849.0	0.084522	Y



Calibration / PCB-1268 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

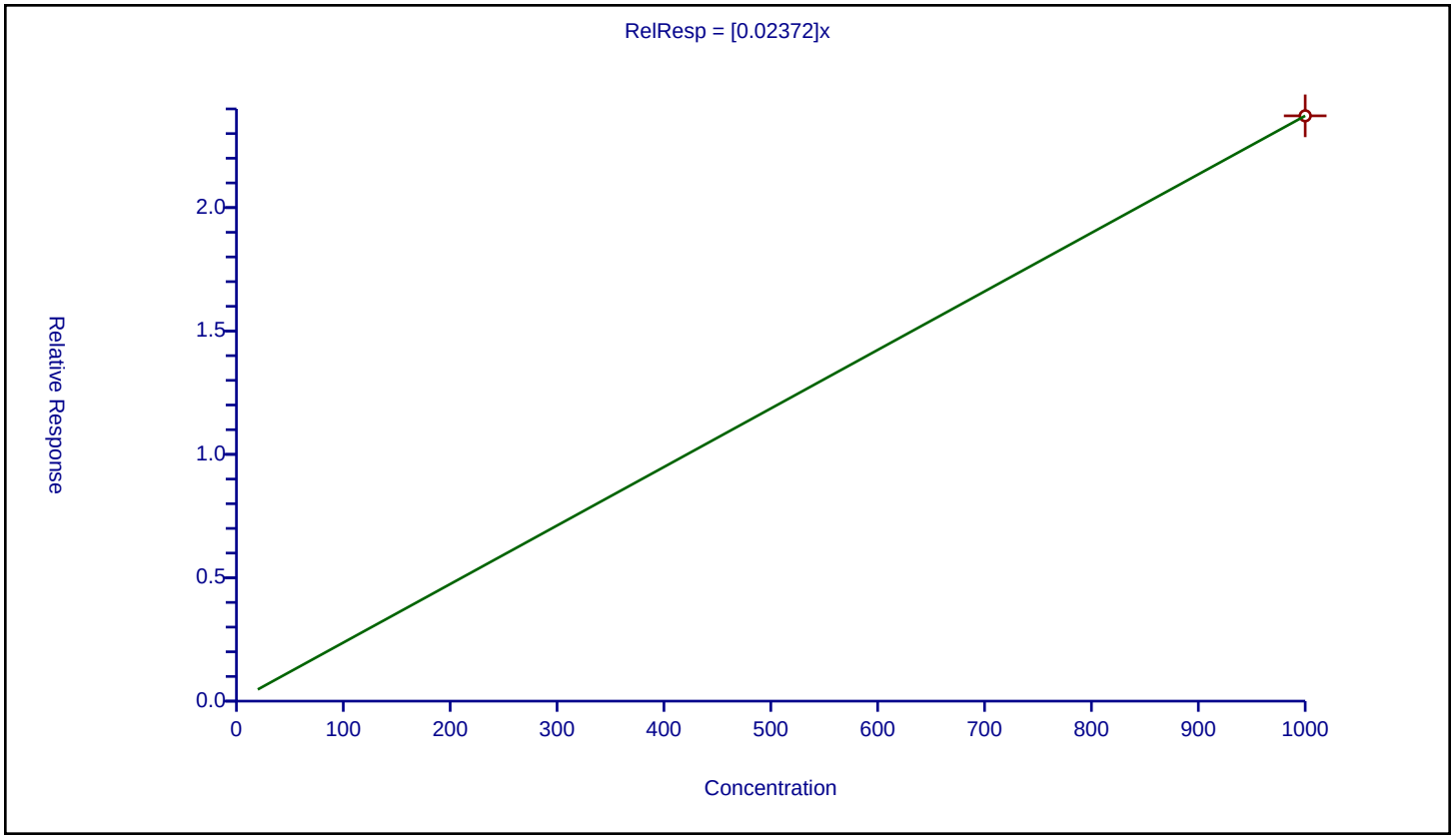
Curve Coefficients

Intercept:	0
Slope:	0.02372

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	23.719672	20.0	45278849.0	0.02372	Y



Calibration / PCB-1268 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

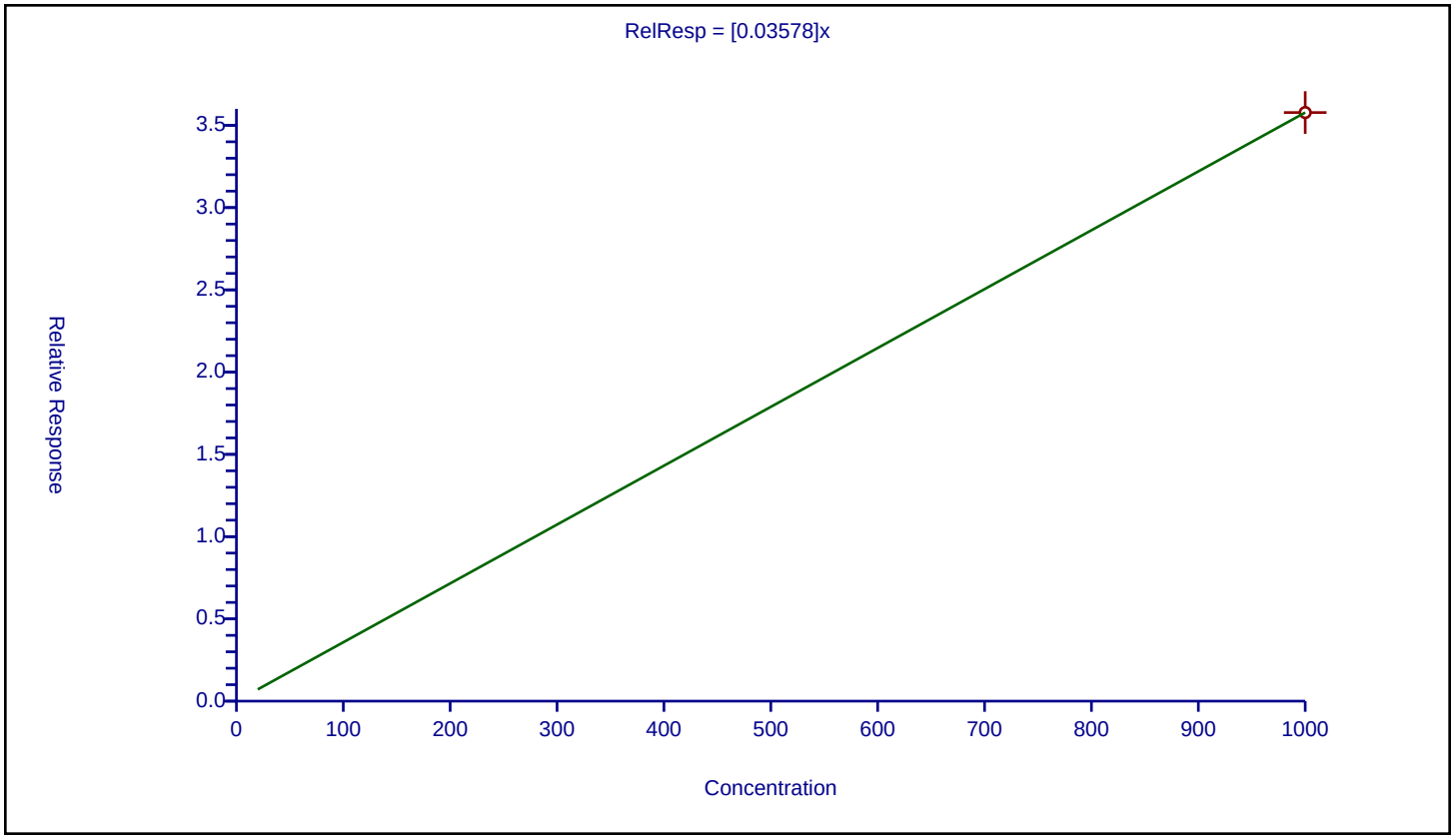
Curve Coefficients

Intercept:	0
Slope:	0.03578

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	35.778664	20.0	45278849.0	0.035779	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

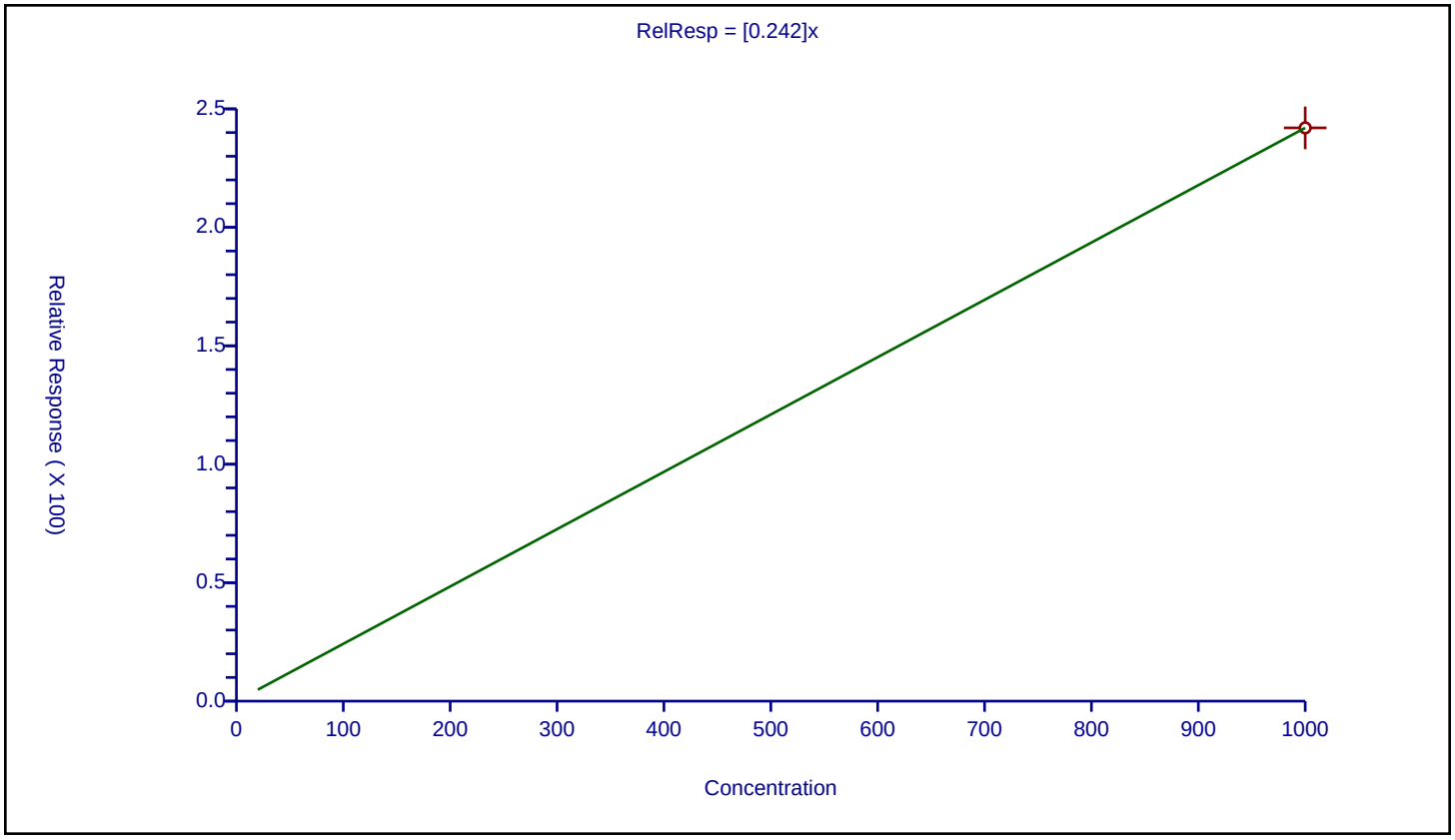
Curve Coefficients

Intercept:	0
Slope:	0.242

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	241.984641	20.0	45278849.0	0.241985	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 14:12 Calibration End Date: 12/28/2020 14:12 Calibration ID: 83275

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/14	T1580631.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0273					Ave		0.0273						20.0			
PCB-1268 Peak 2	0.0363					Ave		0.0363						20.0			
PCB-1268 Peak 3	0.1557					Ave		0.1557						20.0			
PCB-1268 Peak 4	0.1565					Ave		0.1565						20.0			
PCB-1268 Peak 5	0.1320					Ave		0.1320						20.0			
PCB-1268 Peak 6	0.0395					Ave		0.0395						20.0			
PCB-1268 Peak 7	0.0575					Ave		0.0575						20.0			
PCB-1268 Peak 8	0.4151					Ave		0.4151						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1 Analy Batch No.: 749765

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2020 14:12 Calibration End Date: 12/28/2020 14:12 Calibration ID: 83275

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-749765/14	T1580631.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	65996303					1000				
PCB-1268 Peak 2	BNB	Ave	87815559					1000				
PCB-1268 Peak 3	BNB	Ave	376591319					1000				
PCB-1268 Peak 4	BNB	Ave	378569714					1000				
PCB-1268 Peak 5	BNB	Ave	319248582					1000				
PCB-1268 Peak 6	BNB	Ave	95601937					1000				
PCB-1268 Peak 7	BNB	Ave	139048915					1000				
PCB-1268 Peak 8	BNB	Ave	1004247201					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Dec-2020 14:12:45 ALS Bottle#: 19 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-014
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub9

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:33:24 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 13:31:22

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.701	1.701	0.000	45278849	20.0	20.0	
2	1.424	1.424	0.000	48386155	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							M
1	8.209	8.209	0.000	56696616	1000.0	1000.0	
1	8.824	8.824	0.000	73573900	1000.0	1000.0	
1	9.961	9.961	0.000	253591386	1000.0	1000.0	
1	10.019	10.019	0.000	243008800	1000.0	1000.0	
1	10.313	10.313	0.000	191353364	1000.0	1000.0	
1	10.418	10.418	0.000	53699972	1000.0	1000.0	
1	10.616	10.616	0.000	81000837	1000.0	1000.0	
1	10.919	10.919	0.000	547839301	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	6.314	6.314	0.000	65996303	1000.0	1000.0	
2	6.671	6.671	0.000	87815559	1000.0	1000.0	
2	7.766	7.766	0.000	376591319	1000.0	1000.0	M
2	7.836	7.836	0.000	378569714	1000.0	1000.0	M
2	8.206	8.206	0.000	319248582	1000.0	1000.0	M
2	8.373	8.373	0.000	95601937	1000.0	1000.0	M
2	8.951	8.951	0.000	139048915	1000.0	1000.0	M
2	9.554	9.554	0.000	1004247201	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags

M - Manually Integrated

Reagents:

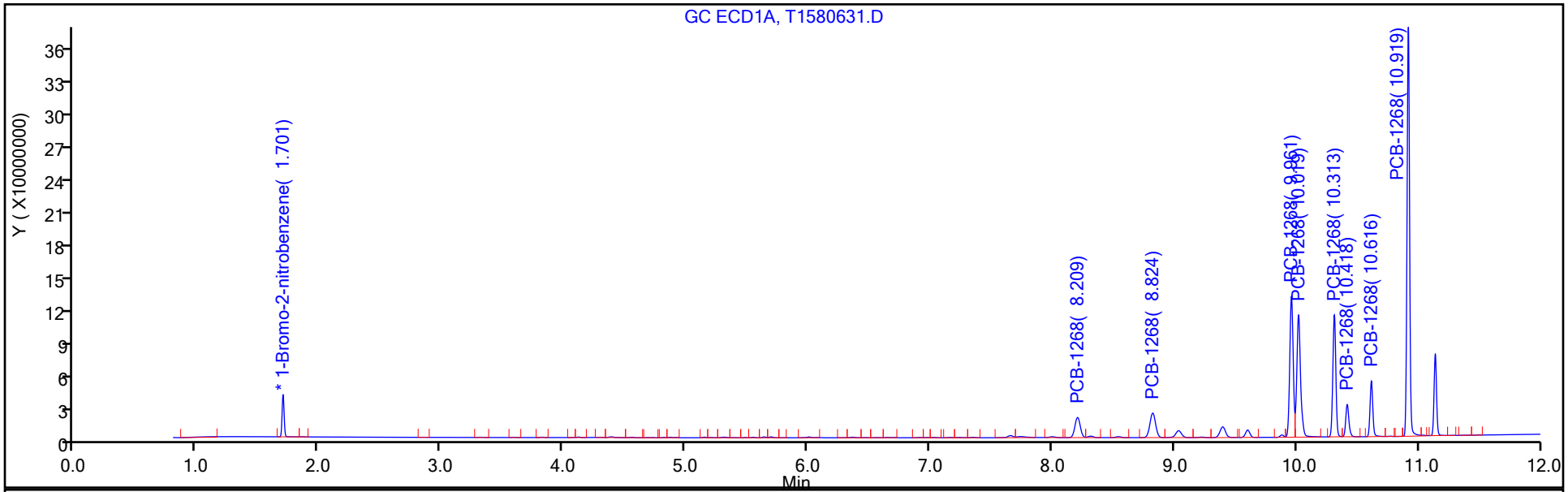
SG1268L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

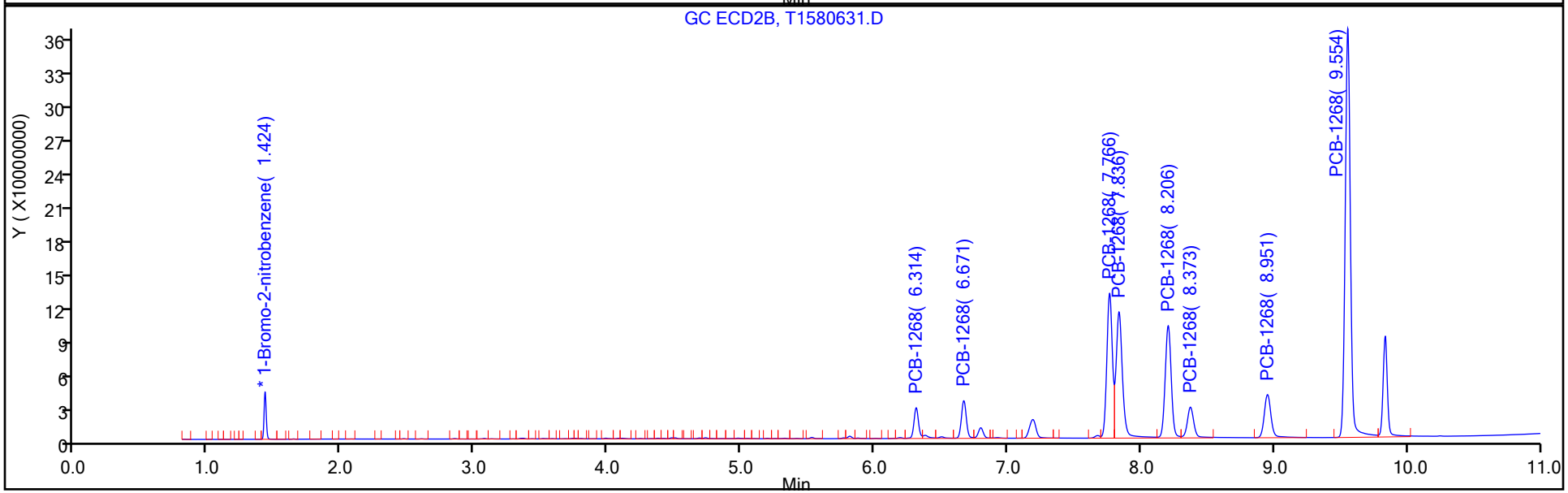
Report Date: 28-Dec-2020 13:33:24 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Injection Date:	28-Dec-2020 14:12:45	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 28-Dec-2020 13:33:24 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Injection Date: 28-Dec-2020 14:12:45 Instrument ID: CPESTGC11

Lims ID: IC 1268

Client ID:

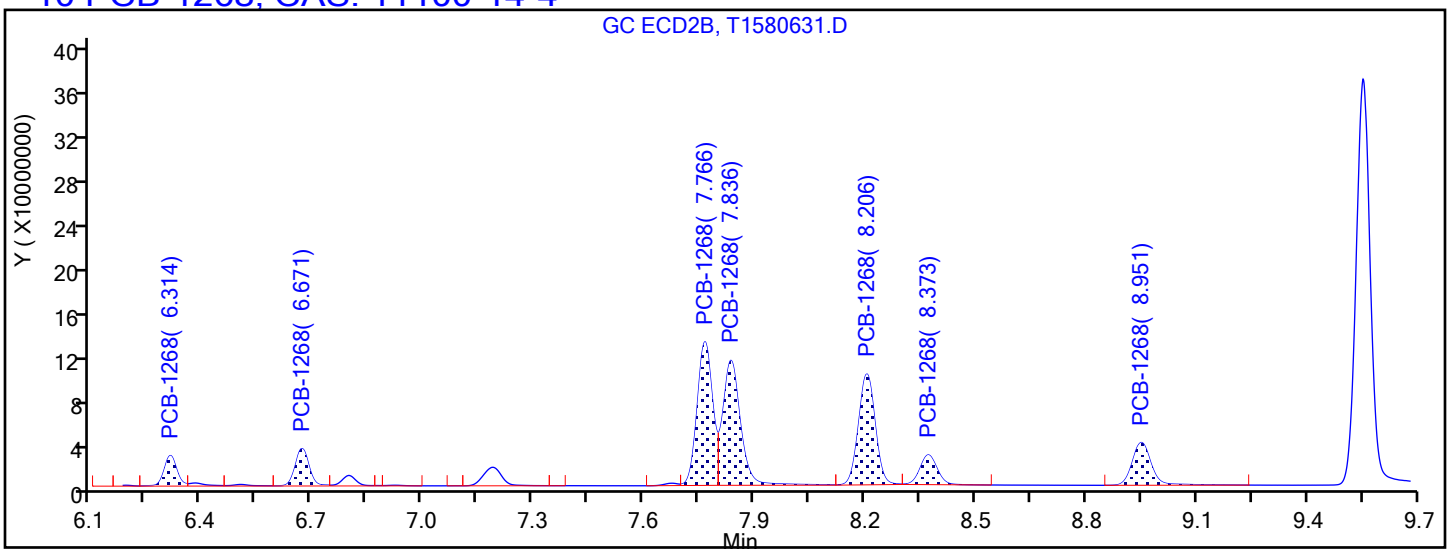
Operator ID: ALS Bottle#: 19 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

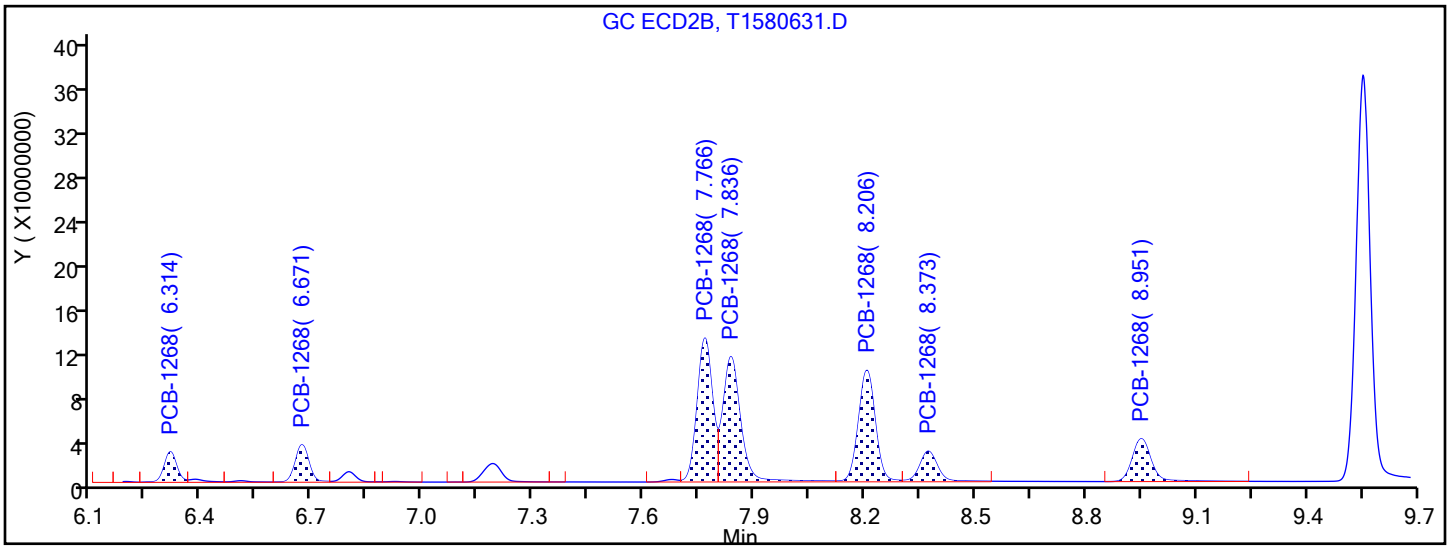
Column: Detector GC ECD2B

10 PCB-1268, CAS: 11100-14-4



Processing Integration Results

6.314	Response = 65996303
6.671	Response = 87815559
7.766	Response = 374964198
7.836	Response = 371301513
8.206	Response = 311827568
8.373	Response = 85661483
8.951	Response = 137122415
9.554	Response = 992062242



Manual Integration Results

6.314	Response = 65996303	
6.671	Response = 87815559	
7.766	Response = 376591319	M
7.836	Response = 378569714	M
8.206	Response = 319248582	M
8.373	Response = 95601937	M

Calibration / PCB-1268 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

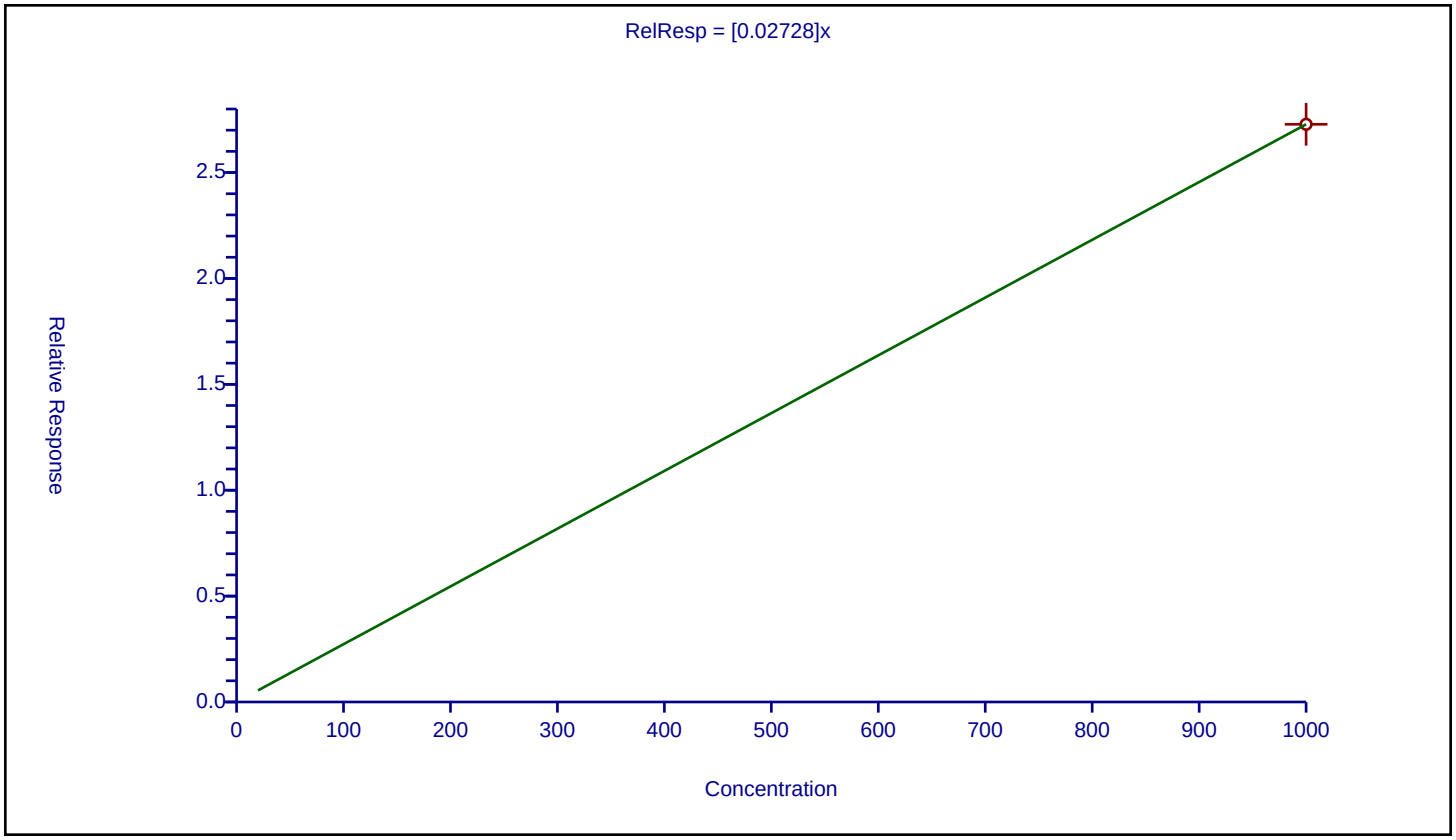
Curve Coefficients

Intercept:	0
Slope:	0.02728

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	27.279003	20.0	48386155.0	0.027279	Y



Calibration / PCB-1268 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

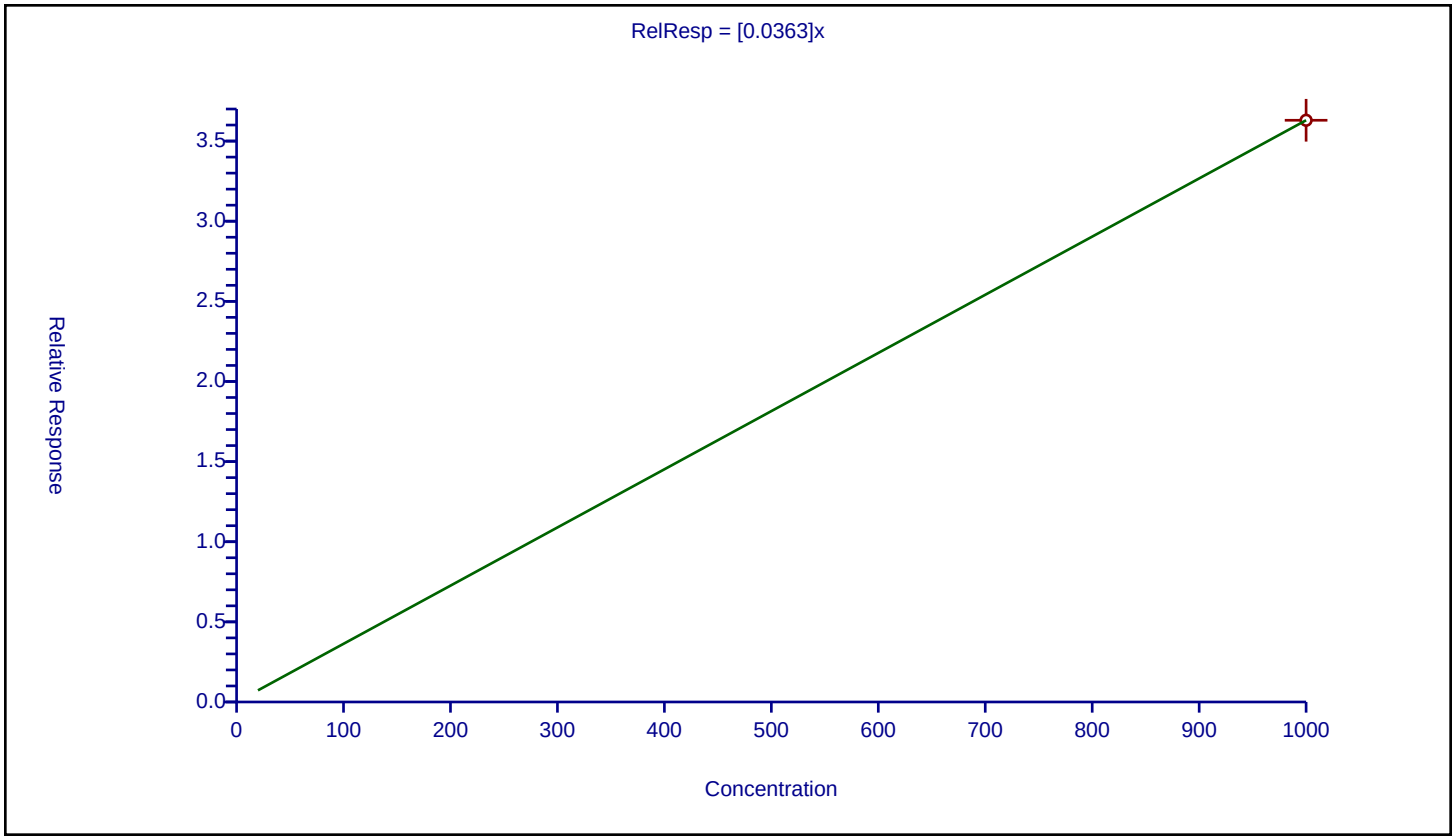
Curve Coefficients

Intercept:	0
Slope:	0.0363

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	36.297804	20.0	48386155.0	0.036298	Y



Calibration / PCB-1268 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

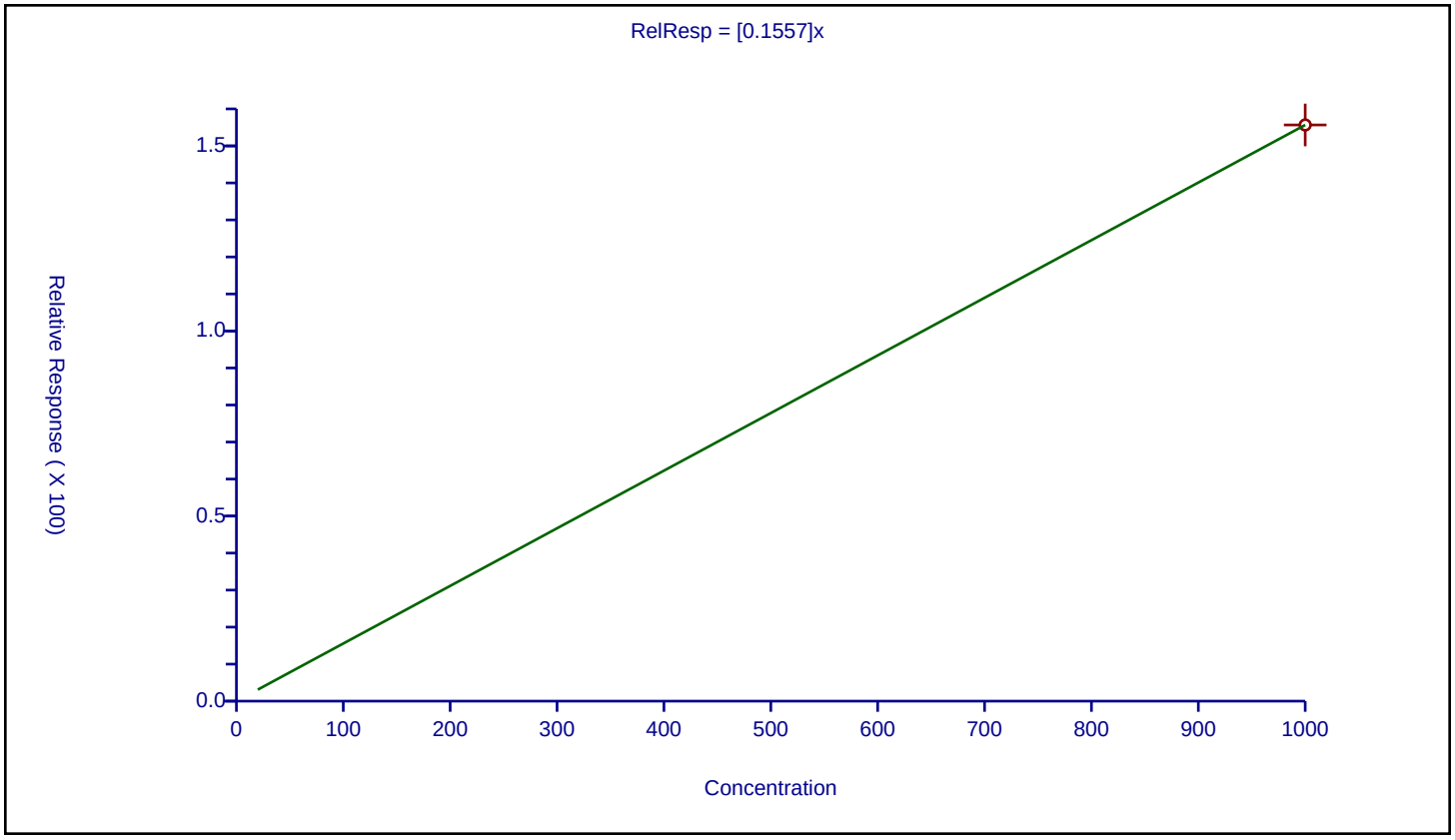
Curve Coefficients

Intercept:	0
Slope:	0.1557

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	155.660775	20.0	48386155.0	0.155661	Y



Calibration / PCB-1268 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

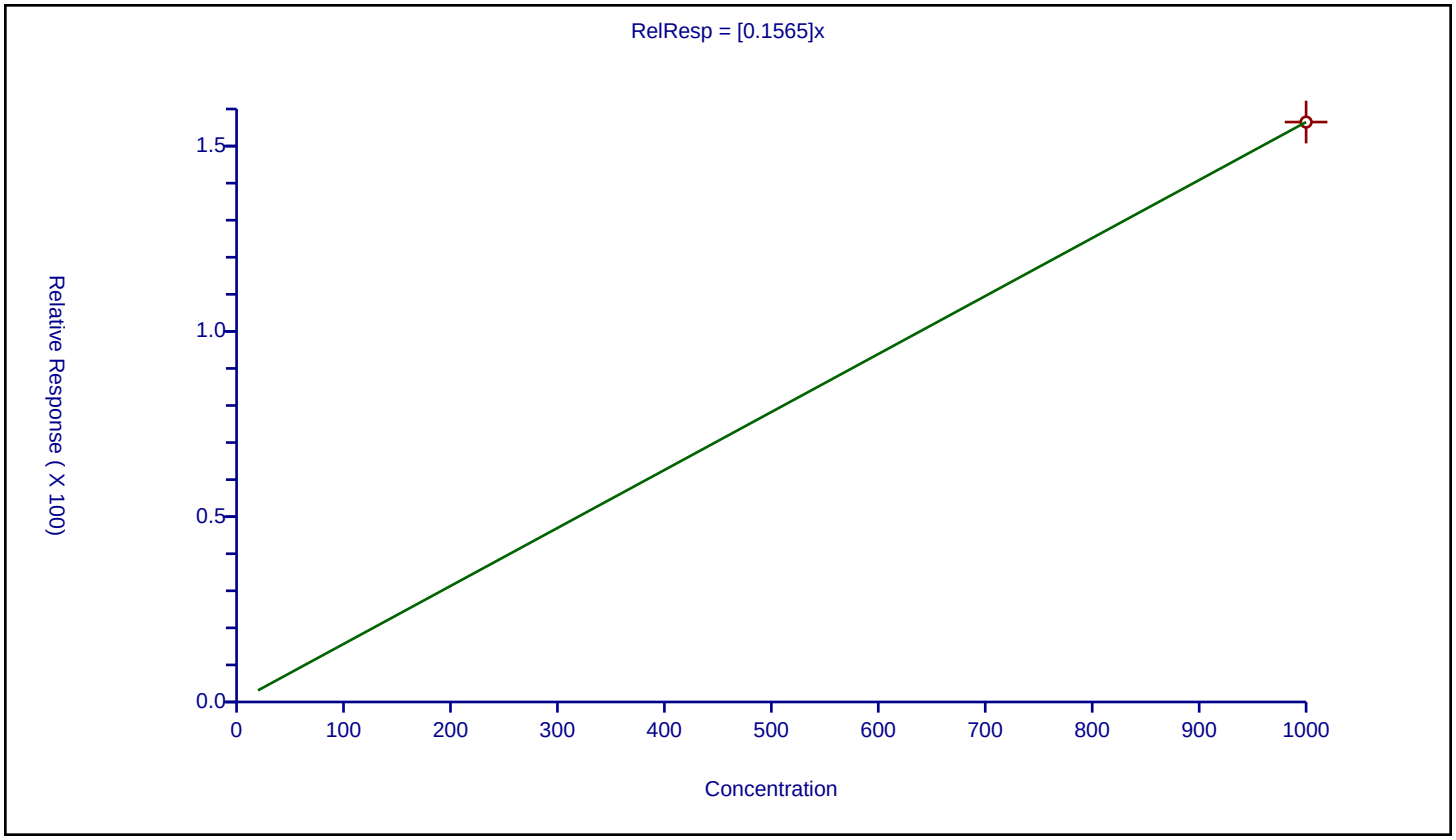
Curve Coefficients

Intercept:	0
Slope:	0.1565

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	156.478527	20.0	48386155.0	0.156479	Y



Calibration / PCB-1268 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

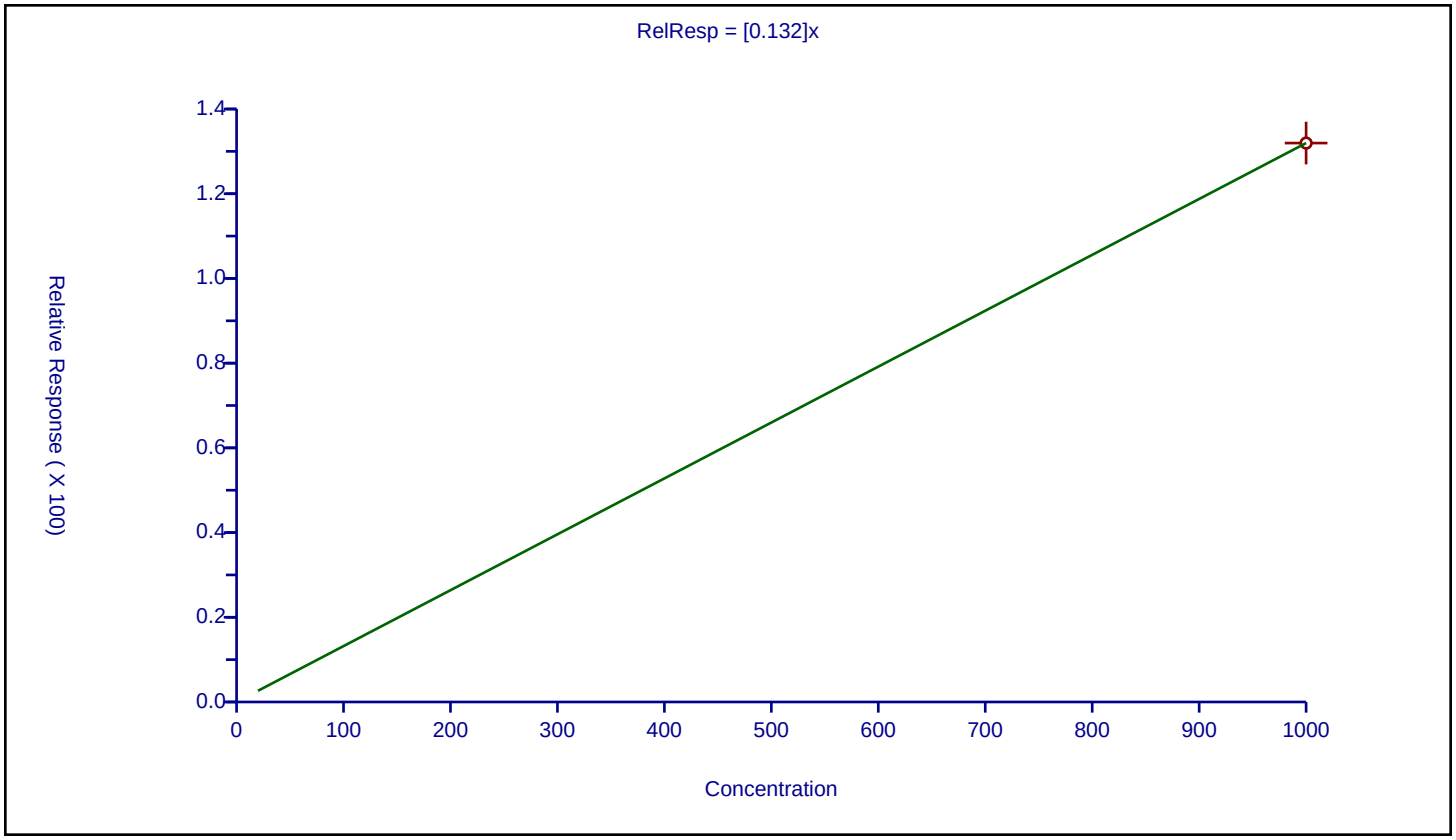
Curve Coefficients

Intercept:	0
Slope:	0.132

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	131.958649	20.0	48386155.0	0.131959	Y



Calibration / PCB-1268 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

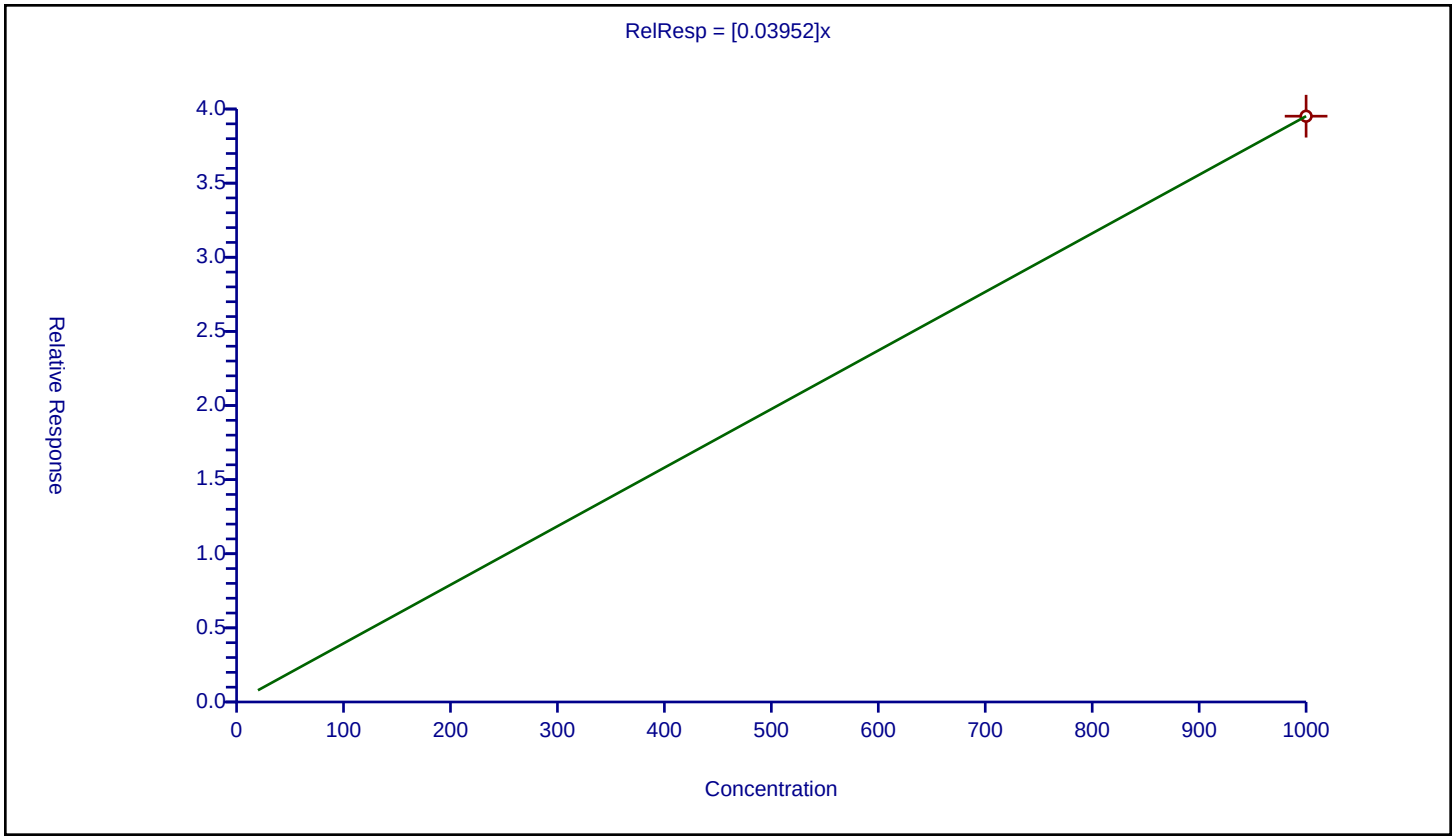
Curve Coefficients

Intercept:	0
Slope:	0.03952

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	39.516236	20.0	48386155.0	0.039516	Y



Calibration / PCB-1268 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

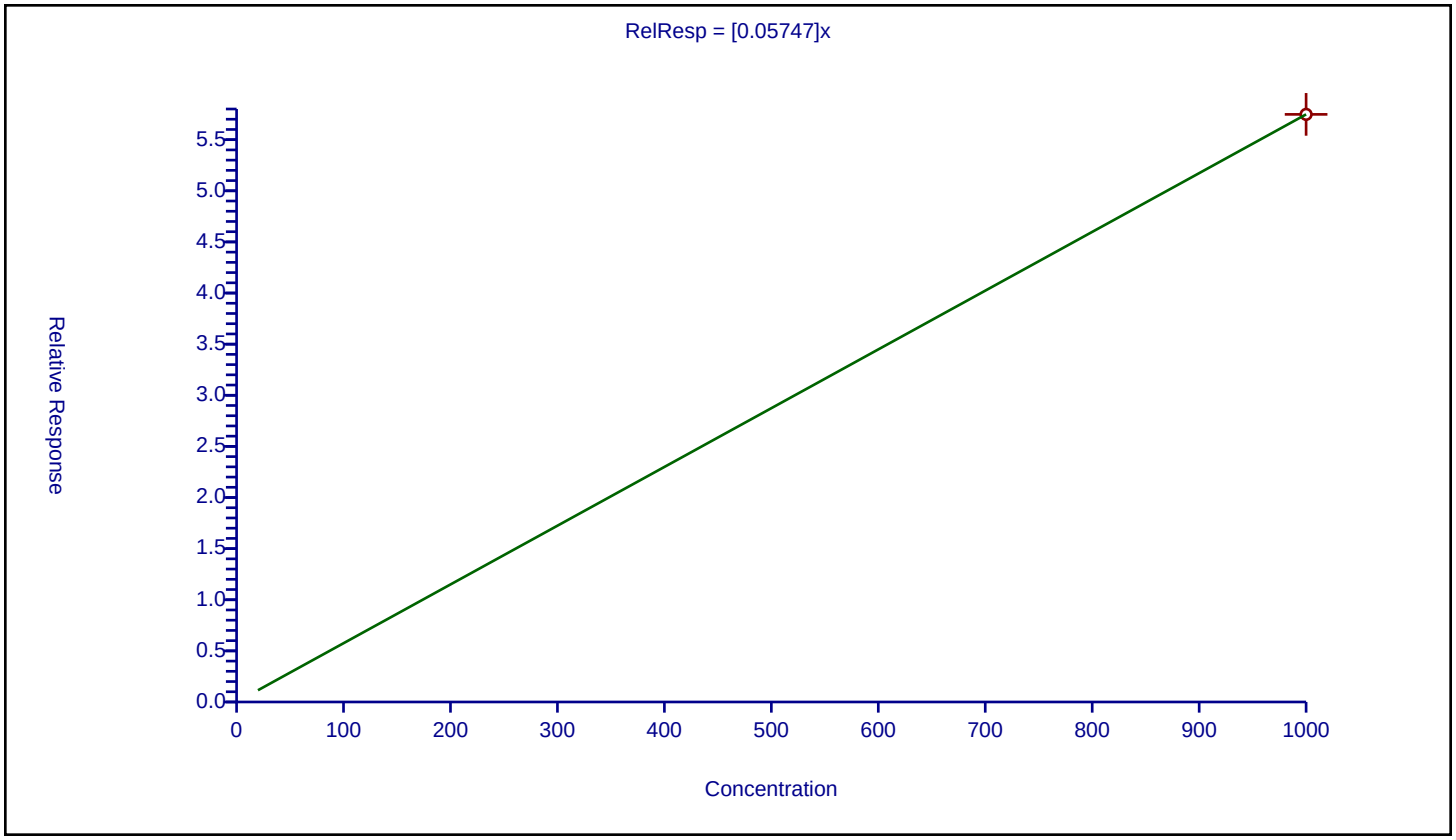
Curve Coefficients

Intercept:	0
Slope:	0.05747

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	57.47467	20.0	48386155.0	0.057475	Y



Calibration / PCB-1268 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

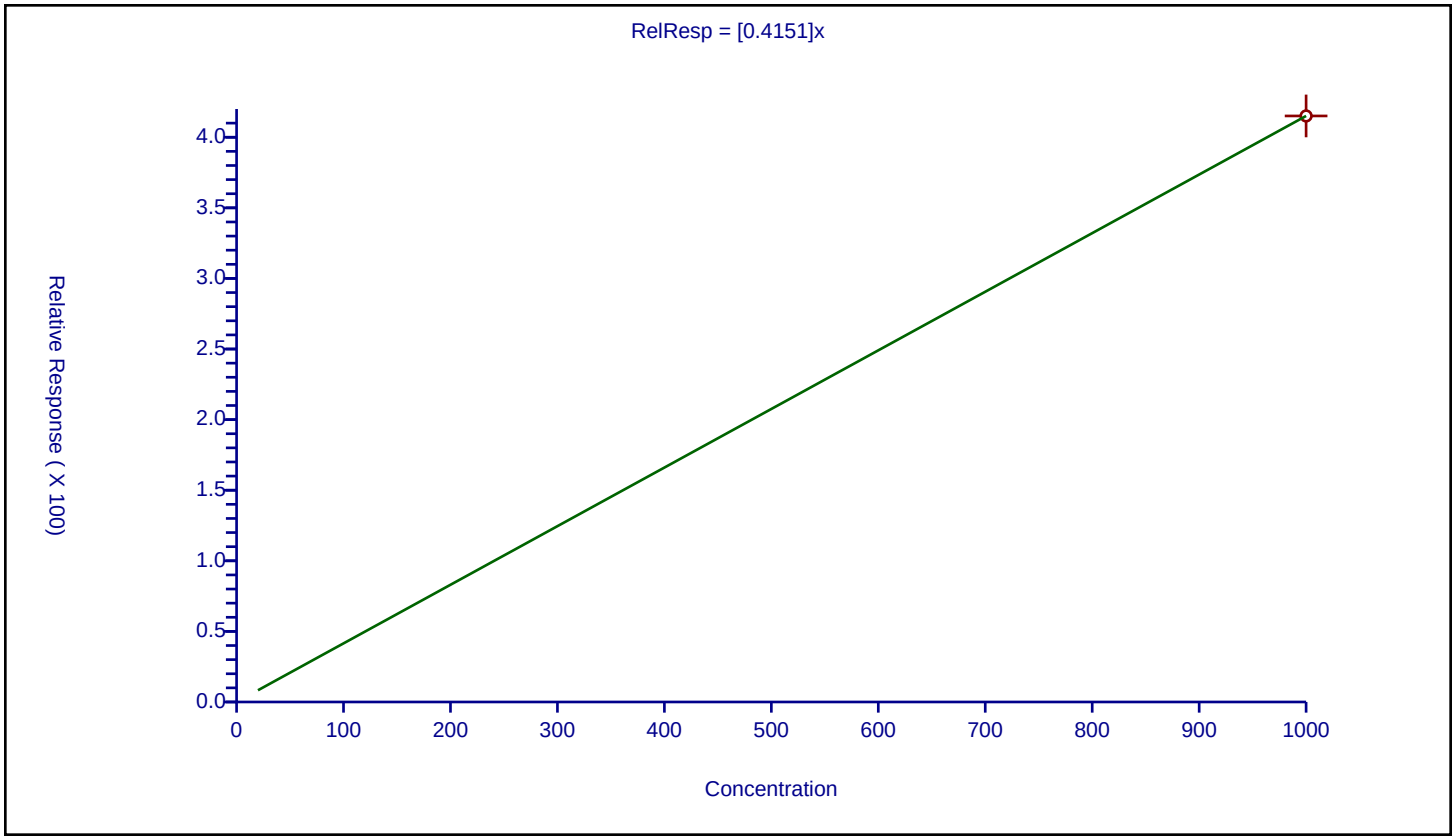
Curve Coefficients

Intercept:	0
Slope:	0.4151

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-749765/14	1000.0	415.096922	20.0	48386155.0	0.415097	Y



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-749765/7 Calibration Date: 12/28/2020 12:13

Instrument ID: CPESTGC11 Calib Start Date: 12/28/2020 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/28/2020 11:56

Lab File ID: T1580624.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0191	0.0191		1000	1000	0.0	20.0
PCB-1016 Peak 2	Ave	0.0394	0.0390		989	1000	-1.1	20.0
PCB-1016 Peak 3	Ave	0.0765	0.0720		940	1000	-6.0	20.0
PCB-1016 Peak 4	Ave	0.0321	0.0317		989	1000	-1.1	20.0
PCB-1016 Peak 5	Ave	0.0249	0.0247		992	1000	-0.8	20.0
PCB-1016 Peak 6	Ave	0.0248	0.0242		977	1000	-2.3	20.0
PCB-1016 Peak 7	Ave	0.0293	0.0280		953	1000	-4.7	20.0
PCB-1016 Peak 8	Ave	0.0239	0.0197		822	1000	-17.8	20.0
PCB-1260 Peak 1	Ave	0.0249	0.0236		948	1000	-5.2	20.0
PCB-1260 Peak 2	Ave	0.0562	0.0536		954	1000	-4.6	20.0
PCB-1260 Peak 3	Ave	0.0628	0.0598		953	1000	-4.7	20.0
PCB-1260 Peak 4	Ave	0.0449	0.0408		908	1000	-9.2	20.0
PCB-1260 Peak 5	Ave	0.0467	0.0444		951	1000	-4.9	20.0
PCB-1260 Peak 6	Ave	0.1029	0.0980		953	1000	-4.7	20.0
PCB-1260 Peak 7	Ave	0.0648	0.0616		952	1000	-4.8	20.0
PCB-1260 Peak 8	Ave	0.0222	0.0200		901	1000	-9.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-749765/7 Calibration Date: 12/28/2020 12:13

Instrument ID: CPESTGC11 Calib Start Date: 12/28/2020 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/28/2020 11:56

Lab File ID: T1580624.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.31	3.28	3.34
PCB-1016 Peak 2	3.82	3.79	3.85
PCB-1016 Peak 3	4.40	4.36	4.42
PCB-1016 Peak 4	4.56	4.53	4.59
PCB-1016 Peak 5	4.69	4.66	4.72
PCB-1016 Peak 6	5.15	5.12	5.18
PCB-1016 Peak 7	5.31	5.28	5.34
PCB-1016 Peak 8	5.69	5.66	5.72
PCB-1260 Peak 1	6.71	6.68	6.74
PCB-1260 Peak 2	6.98	6.95	7.01
PCB-1260 Peak 3	7.36	7.33	7.39
PCB-1260 Peak 4	8.21	8.18	8.24
PCB-1260 Peak 5	8.82	8.79	8.85
PCB-1260 Peak 6	9.40	9.37	9.43
PCB-1260 Peak 7	9.97	9.94	10.00
PCB-1260 Peak 8	10.61	10.59	10.65

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580624.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 28-Dec-2020 12:13:16 ALS Bottle#: 12 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-007
Operator ID: Instrument ID: CPESTGC11
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:35:00 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 11:41:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.702	1.701	0.001	44704244	20.0	20.0	
2	1.426	1.424	0.002	47745812	20.0	20.0	
						RPD = 0.00	
5 PCB-1016							M
1	3.310	3.308	0.002	42761879	1000.0	1000.7	M
1	3.821	3.820	0.001	87117748	1000.0	988.6	M
1	4.395	4.394	0.001	160861418	1000.0	940.4	M
1	4.562	4.562	0.000	70920322	1000.0	988.6	M
1	4.690	4.689	0.001	55123995	1000.0	991.9	M
1	5.152	5.152	0.000	54140034	1000.0	976.8	M
1	5.305	5.305	0.000	62512164	1000.0	953.0	M
1	5.693	5.692	0.001	43947778	1000.0	821.8	M
		Average of Peak Amounts =				957.7	
2	2.467	2.466	0.001	42136255	1000.0	959.7	
2	2.849	2.848	0.001	86212783	1000.0	1009.2	M
2	3.067	3.066	0.001	59316561	1000.0	1016.1	M
2	3.362	3.362	0.000	185315577	1000.0	997.1	M
2	3.513	3.512	0.001	78076182	1000.0	1004.9	M
2	3.582	3.581	0.001	47567300	1000.0	986.1	M
2	3.984	3.984	0.000	81423809	1000.0	1002.8	M
2	4.426	4.427	-0.001	44651306	1000.0	954.3	M
		Average of Peak Amounts =				991.3	
						RPD = 3.44	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.714	6.714	0.000	52809539	1000.0	947.5	M
1	6.976	6.976	0.000	119863267	1000.0	953.7	M
1	7.355	7.355	0.000	133776281	1000.0	952.6	M
1	8.210	8.210	0.000	91167478	1000.0	907.7	M
1	8.817	8.817	0.000	99259835	1000.0	950.5	M
1	9.399	9.400	-0.001	219106168	1000.0	952.6	M
1	9.966	9.966	0.000	137788911	1000.0	952.0	M
1	10.612	10.616	-0.004	44636539	1000.0	901.0	M
		Average of Peak Amounts =				939.7	
2	5.417	5.418	-0.001	125617988	1000.0	988.9	M
2	5.770	5.770	0.000	232734353	1000.0	982.2	M
2	6.313	6.313	0.000	105470751	1000.0	885.6	M
2	6.678	6.679	-0.001	120207657	1000.0	943.8	M
2	7.196	7.196	0.000	261784575	1000.0	942.8	M
2	7.686	7.686	0.000	143204879	1000.0	986.6	M
2	7.846	7.846	0.000	74761385	1000.0	898.7	M
2	8.953	8.951	0.002	67777809	1000.0	918.0	
		Average of Peak Amounts =				943.3	
						RPD = 0.38	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPCBICV_00027	Amount Added: 1.00	Units: mL	
SGPCBISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:35:10 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580624.D

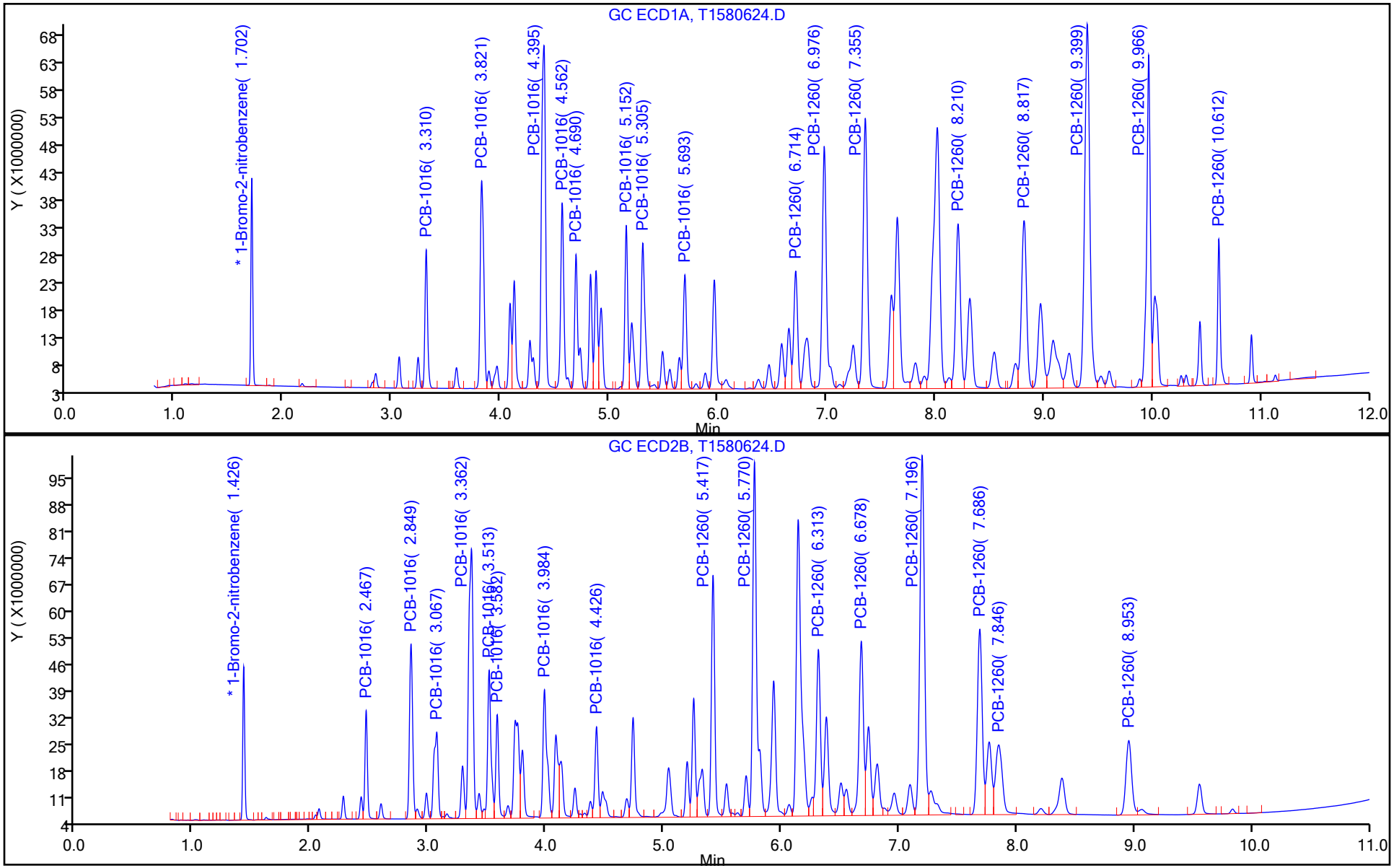
Injection Date: 28-Dec-2020 12:13:16 Instrument ID: CPESTGC11 Operator ID:

Lims ID: ICV Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 12

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



Report Date: 28-Dec-2020 13:35:10 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580624.D

Injection Date: 28-Dec-2020 12:13:16 Instrument ID: CPESTGC11

Lims ID: ICV

Client ID:

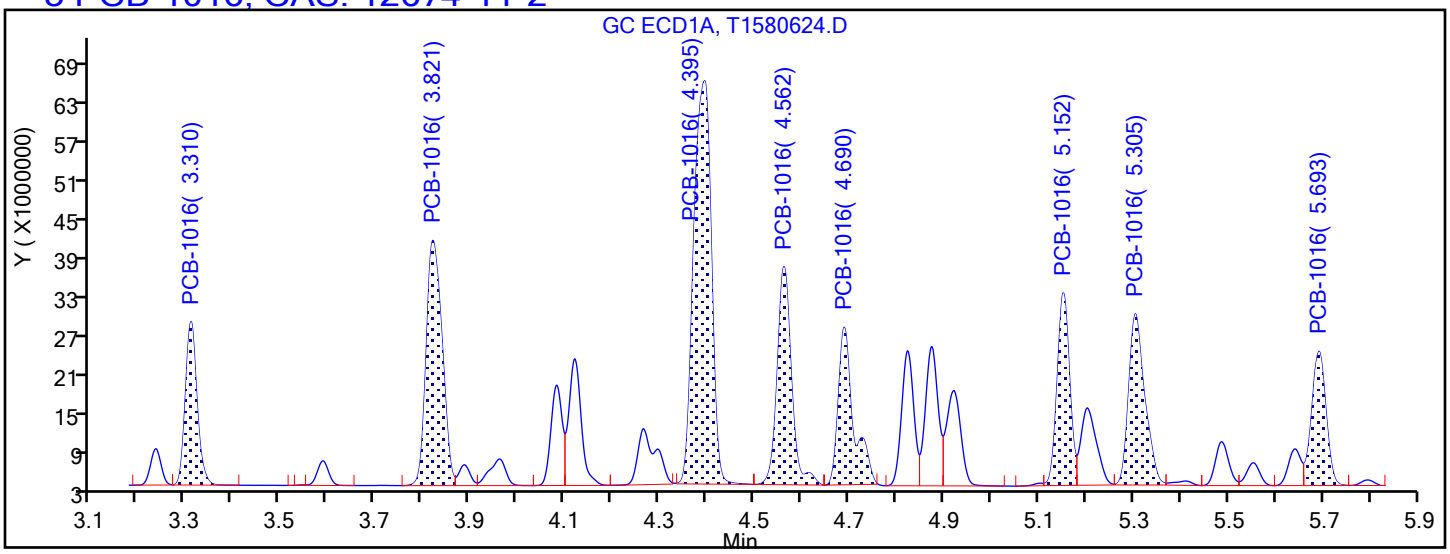
Operator ID: ALS Bottle#: 12 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

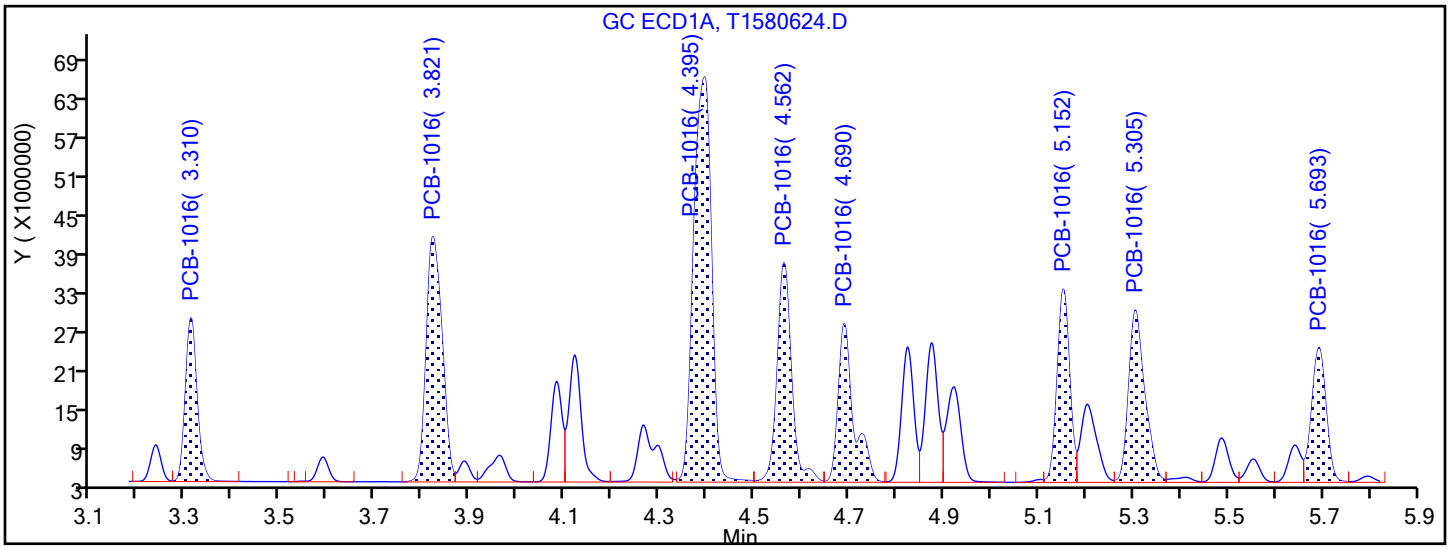
Column: Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.310	Response = 42466493
3.821	Response = 87057126
4.395	Response = 158232394
4.562	Response = 69343235
4.690	Response = 53637638
5.152	Response = 53720439
5.305	Response = 61385538
5.693	Response = 43465003



Manual Integration Results

3.310	Response = 42761879	M
3.821	Response = 87117748	M
4.395	Response = 160861418	M
4.562	Response = 70920322	M
4.690	Response = 55123995	M
5.152	Response = 54140034	M

Report Date: 28-Dec-2020 13:35:10 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580624.D

Injection Date: 28-Dec-2020 12:13:16 Instrument ID: CPESTGC11

Lims ID: ICV

Client ID:

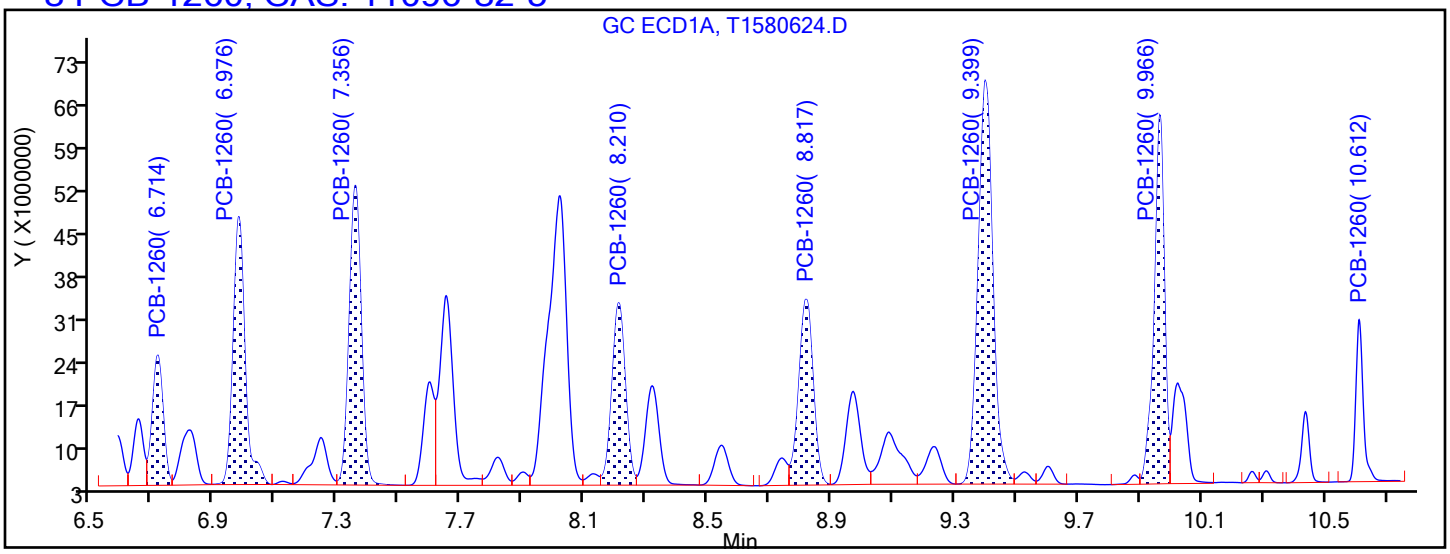
Operator ID: ALS Bottle#: 12 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

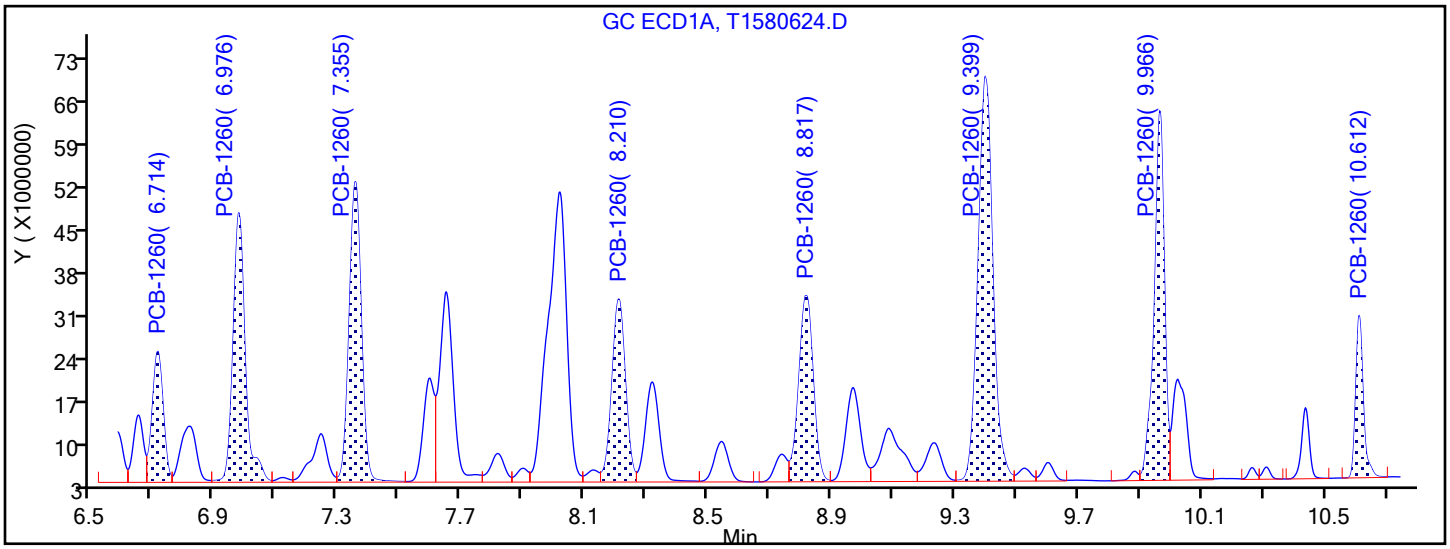
Column: Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.714	Response = 52150595
6.976	Response = 117019979
7.356	Response = 132093434
8.210	Response = 90402126
8.817	Response = 98637099
9.399	Response = 217388499
9.966	Response = 137545129
10.612	Response = 45211433



Manual Integration Results

6.714	Response = 52809539	M
6.976	Response = 119863267	M
7.355	Response = 133776281	M
8.210	Response = 91167478	M
8.817	Response = 99259835	M
9.399	Response = 219106168	M

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-749765/7 Calibration Date: 12/28/2020 12:13

Instrument ID: CPESTGC11 Calib Start Date: 12/28/2020 10:48

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 12/28/2020 11:56

Lab File ID: T1580624.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0184	0.0177		960	1000	-4.0	20.0
PCB-1016 Peak 2	Ave	0.0358	0.0361		1010	1000	0.9	20.0
PCB-1016 Peak 3	Ave	0.0245	0.0248		1020	1000	1.6	20.0
PCB-1016 Peak 4	Ave	0.0778	0.0776		997	1000	-0.3	20.0
PCB-1016 Peak 5	Ave	0.0325	0.0327		1000	1000	0.5	20.0
PCB-1016 Peak 6	Ave	0.0202	0.0199		986	1000	-1.4	20.0
PCB-1016 Peak 7	Ave	0.0340	0.0341		1000	1000	0.3	20.0
PCB-1016 Peak 8	Ave	0.0196	0.0187		954	1000	-4.6	20.0
PCB-1260 Peak 1	Ave	0.0532	0.0526		989	1000	-1.1	20.0
PCB-1260 Peak 2	Ave	0.0993	0.0975		982	1000	-1.8	20.0
PCB-1260 Peak 3	Ave	0.0499	0.0442		886	1000	-11.4	20.0
PCB-1260 Peak 4	Ave	0.0534	0.0504		944	1000	-5.6	20.0
PCB-1260 Peak 5	Ave	0.1163	0.1097		943	1000	-5.7	20.0
PCB-1260 Peak 6	Ave	0.0608	0.0600		987	1000	-1.3	20.0
PCB-1260 Peak 7	Ave	0.0348	0.0313		899	1000	-10.1	20.0
PCB-1260 Peak 8	Ave	0.0309	0.0284		918	1000	-8.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICV 460-749765/7 Calibration Date: 12/28/2020 12:13

Instrument ID: CPESTGC11 Calib Start Date: 12/28/2020 10:48

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 12/28/2020 11:56

Lab File ID: T1580624.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.47	2.44	2.50
PCB-1016 Peak 2	2.85	2.82	2.88
PCB-1016 Peak 3	3.07	3.04	3.10
PCB-1016 Peak 4	3.36	3.33	3.39
PCB-1016 Peak 5	3.51	3.48	3.54
PCB-1016 Peak 6	3.58	3.55	3.61
PCB-1016 Peak 7	3.98	3.95	4.01
PCB-1016 Peak 8	4.43	4.40	4.46
PCB-1260 Peak 1	5.42	5.39	5.45
PCB-1260 Peak 2	5.77	5.74	5.80
PCB-1260 Peak 3	6.31	6.28	6.34
PCB-1260 Peak 4	6.68	6.65	6.71
PCB-1260 Peak 5	7.20	7.17	7.23
PCB-1260 Peak 6	7.69	7.66	7.72
PCB-1260 Peak 7	7.85	7.82	7.88
PCB-1260 Peak 8	8.95	8.92	8.98

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580624.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 28-Dec-2020 12:13:16 ALS Bottle#: 12 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122217-007
Operator ID: Instrument ID: CPESTGC11
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 28-Dec-2020 13:35:00 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: patelji Date: 28-Dec-2020 11:41:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.702	1.701	0.001	44704244	20.0	20.0	
2	1.426	1.424	0.002	47745812	20.0	20.0	
						RPD = 0.00	
5 PCB-1016							M
1	3.310	3.308	0.002	42761879	1000.0	1000.7	M
1	3.821	3.820	0.001	87117748	1000.0	988.6	M
1	4.395	4.394	0.001	160861418	1000.0	940.4	M
1	4.562	4.562	0.000	70920322	1000.0	988.6	M
1	4.690	4.689	0.001	55123995	1000.0	991.9	M
1	5.152	5.152	0.000	54140034	1000.0	976.8	M
1	5.305	5.305	0.000	62512164	1000.0	953.0	M
1	5.693	5.692	0.001	43947778	1000.0	821.8	M
		Average of Peak Amounts =				957.7	
2	2.467	2.466	0.001	42136255	1000.0	959.7	
2	2.849	2.848	0.001	86212783	1000.0	1009.2	M
2	3.067	3.066	0.001	59316561	1000.0	1016.1	M
2	3.362	3.362	0.000	185315577	1000.0	997.1	M
2	3.513	3.512	0.001	78076182	1000.0	1004.9	M
2	3.582	3.581	0.001	47567300	1000.0	986.1	M
2	3.984	3.984	0.000	81423809	1000.0	1002.8	M
2	4.426	4.427	-0.001	44651306	1000.0	954.3	M
		Average of Peak Amounts =				991.3	
						RPD = 3.44	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.714	6.714	0.000	52809539	1000.0	947.5	M
1	6.976	6.976	0.000	119863267	1000.0	953.7	M
1	7.355	7.355	0.000	133776281	1000.0	952.6	M
1	8.210	8.210	0.000	91167478	1000.0	907.7	M
1	8.817	8.817	0.000	99259835	1000.0	950.5	M
1	9.399	9.400	-0.001	219106168	1000.0	952.6	M
1	9.966	9.966	0.000	137788911	1000.0	952.0	M
1	10.612	10.616	-0.004	44636539	1000.0	901.0	M
		Average of Peak Amounts =				939.7	
2	5.417	5.418	-0.001	125617988	1000.0	988.9	M
2	5.770	5.770	0.000	232734353	1000.0	982.2	M
2	6.313	6.313	0.000	105470751	1000.0	885.6	M
2	6.678	6.679	-0.001	120207657	1000.0	943.8	M
2	7.196	7.196	0.000	261784575	1000.0	942.8	M
2	7.686	7.686	0.000	143204879	1000.0	986.6	M
2	7.846	7.846	0.000	74761385	1000.0	898.7	M
2	8.953	8.951	0.002	67777809	1000.0	918.0	
		Average of Peak Amounts =				943.3	
						RPD = 0.38	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPCBICV_00027	Amount Added: 1.00	Units: mL	
SGPCBISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 28-Dec-2020 13:35:11 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580624.D

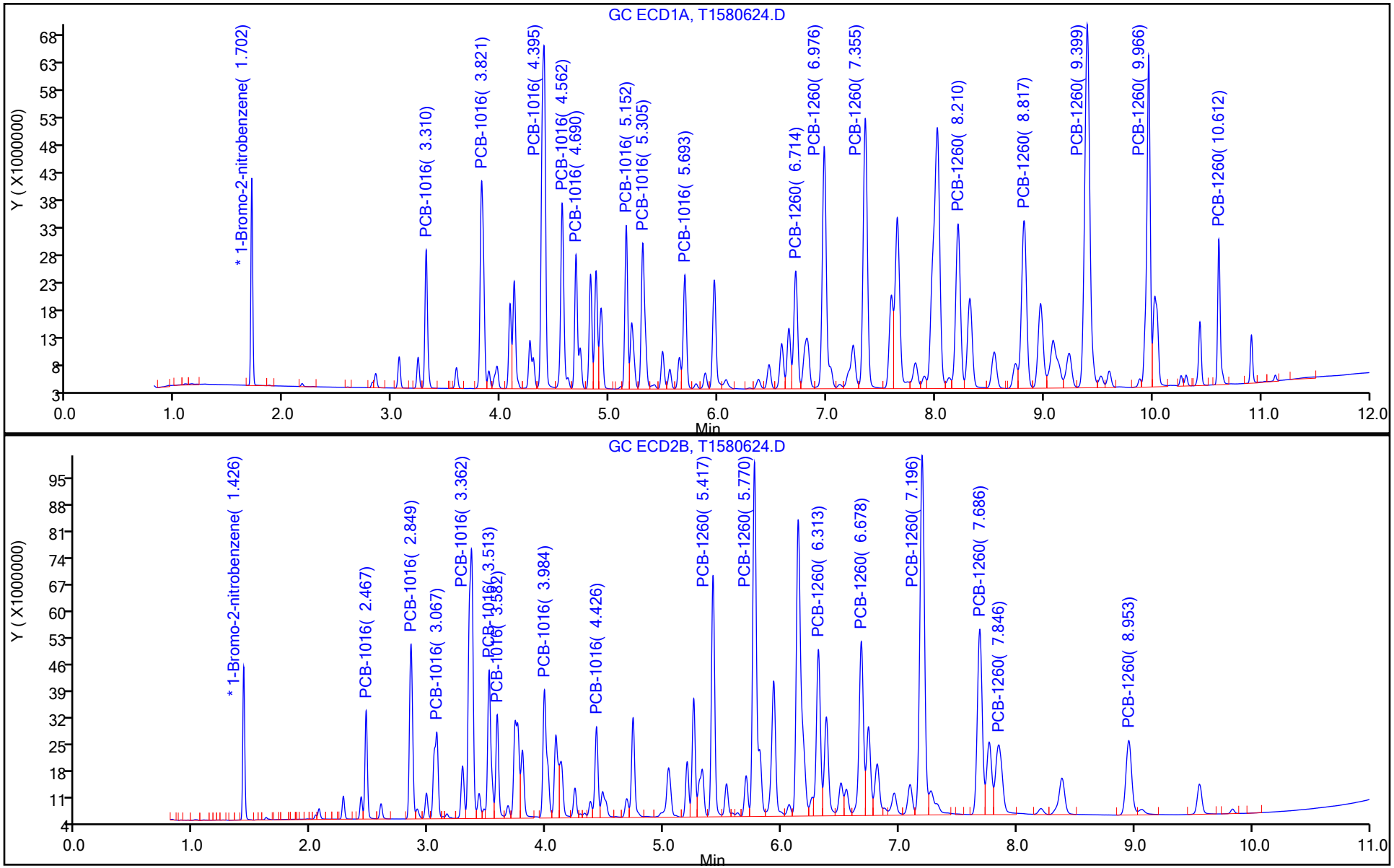
Injection Date: 28-Dec-2020 12:13:16 Instrument ID: CPESTGC11 Operator ID:

Lims ID: ICV Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 12

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



Report Date: 28-Dec-2020 13:35:11 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580624.D

Injection Date: 28-Dec-2020 12:13:16 Instrument ID: CPESTGC11

Lims ID: ICV

Client ID:

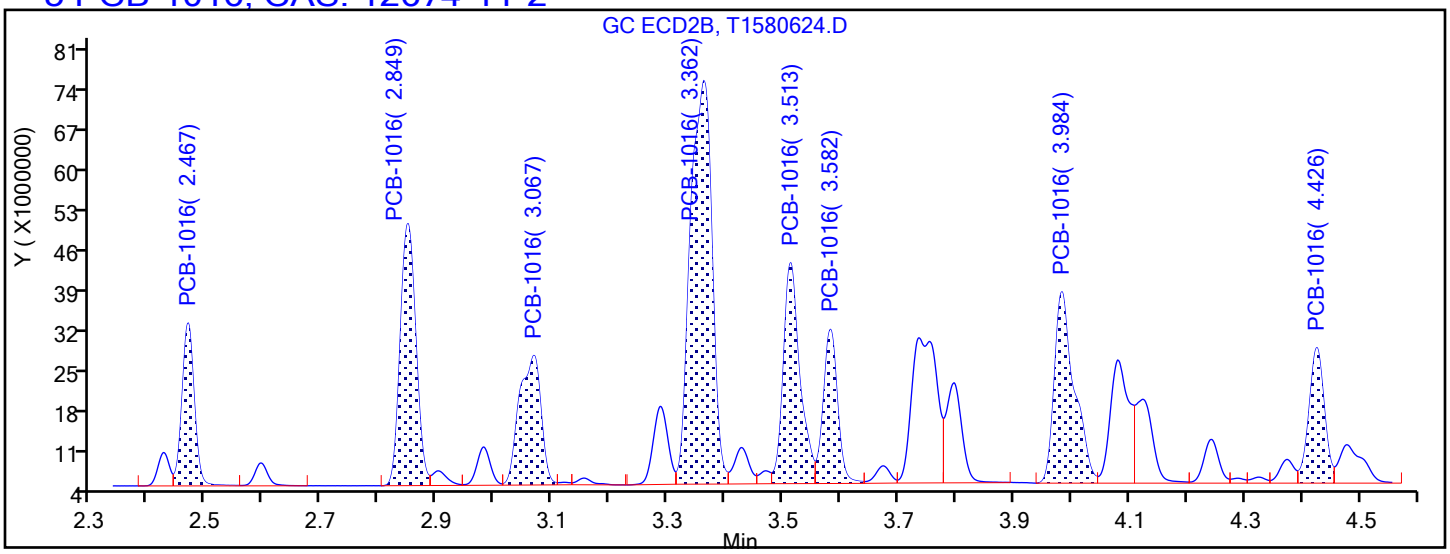
Operator ID: ALS Bottle#: 12 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

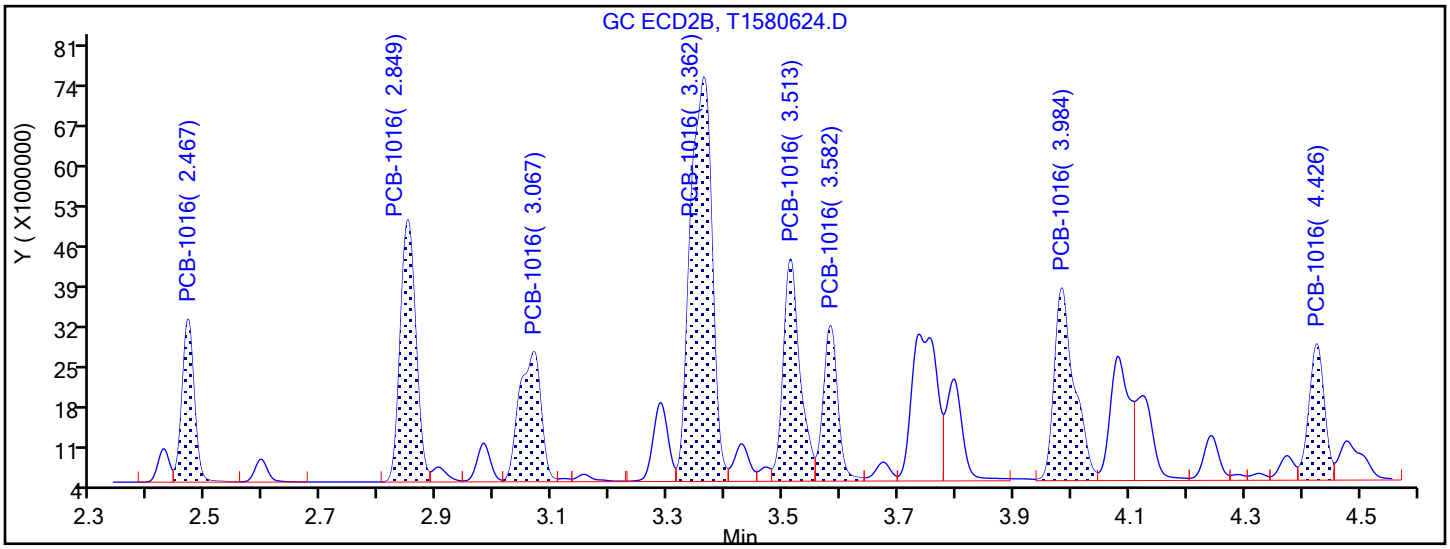
Column: Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.467	Response = 42136255
2.849	Response = 86095307
3.067	Response = 58808645
3.362	Response = 184312736
3.513	Response = 77004045
3.582	Response = 46293568
3.984	Response = 80003928
4.426	Response = 44134704



Manual Integration Results

2.467	Response = 42136255	
2.849	Response = 86212783	M
3.067	Response = 59316561	M
3.362	Response = 185315577	M
3.513	Response = 78076182	M
3.582	Response = 47567300	M

Report Date: 28-Dec-2020 13:35:11 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580624.D

Injection Date: 28-Dec-2020 12:13:16 Instrument ID: CPESTGC11

Lims ID: ICV

Client ID:

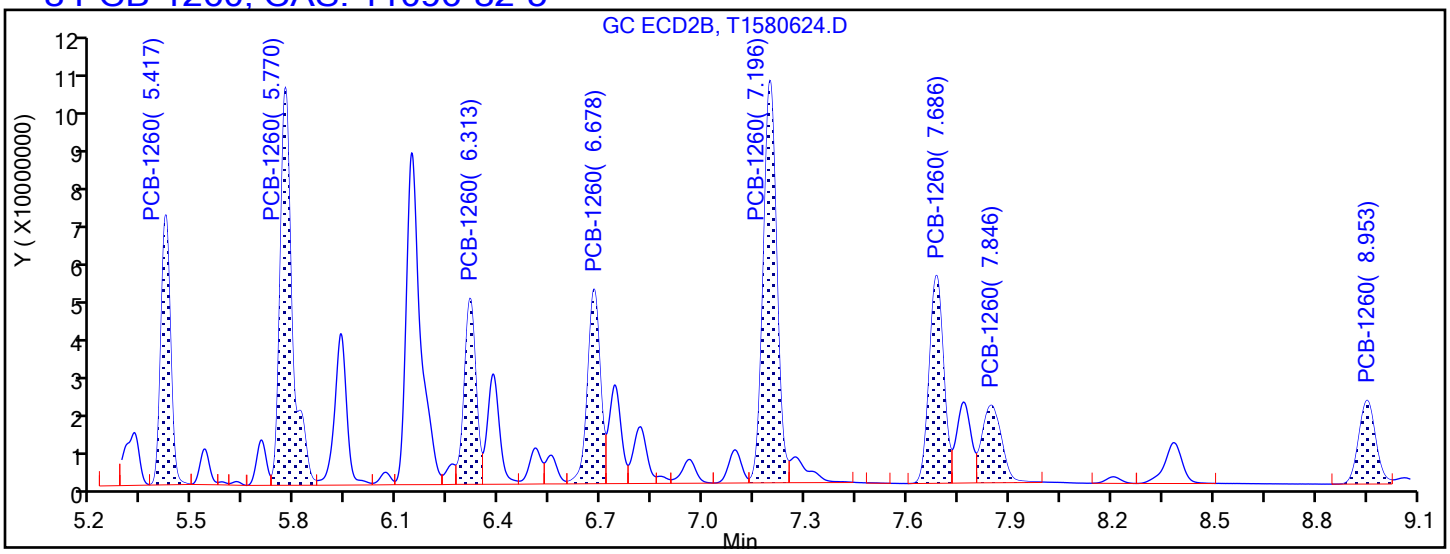
Operator ID: ALS Bottle#: 12 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

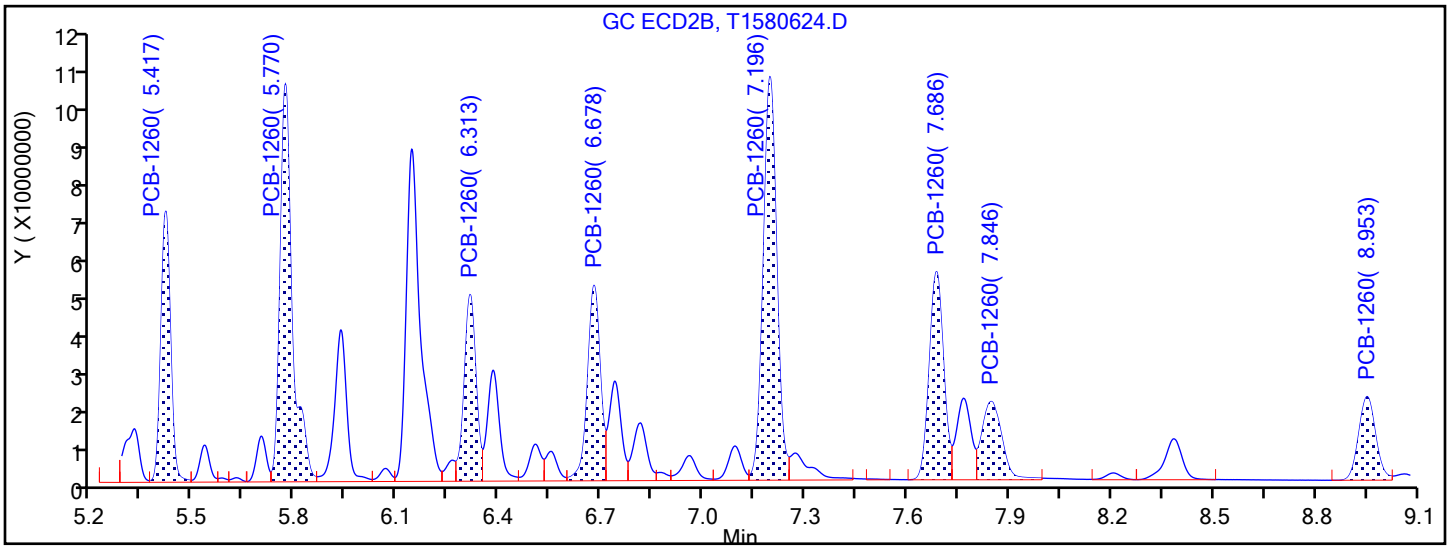
Column: Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.417	Response = 123355154
5.770	Response = 232010746
6.313	Response = 104668196
6.678	Response = 118770825
7.196	Response = 259730584
7.686	Response = 142718540
7.846	Response = 72189651
8.953	Response = 67777809



Manual Integration Results

5.417	Response = 125617988	M
5.770	Response = 232734353	M
6.313	Response = 105470751	M
6.678	Response = 120207657	M
7.196	Response = 261784575	M
7.686	Response = 143204879	M

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-774672/2 Calibration Date: 04/29/2021 04:46

Instrument ID: CPESTGC11 Calib Start Date: 12/28/2020 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/28/2020 11:56

Lab File ID: 11F0001121.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0191	0.0200		1040	1000	4.4	20.0
PCB-1016 Peak 2	Ave	0.0394	0.0407		1030	1000	3.3	20.0
PCB-1016 Peak 3	Ave	0.0765	0.0777		1020	1000	1.5	20.0
PCB-1016 Peak 4	Ave	0.0321	0.0319		995	1000	-0.5	20.0
PCB-1016 Peak 5	Ave	0.0249	0.0202		813	1000	-18.7	20.0
PCB-1016 Peak 6	Ave	0.0248	0.0255		1030	1000	2.7	20.0
PCB-1016 Peak 7	Ave	0.0293	0.0294		1000	1000	0.1	20.0
PCB-1016 Peak 8	Ave	0.0239	0.0246		1030	1000	3.0	20.0
PCB-1260 Peak 1	Ave	0.0249	0.0268		1070	1000	7.3	20.0
PCB-1260 Peak 2	Ave	0.0562	0.0588		1050	1000	4.6	20.0
PCB-1260 Peak 3	Ave	0.0628	0.0662		1050	1000	5.4	20.0
PCB-1260 Peak 4	Ave	0.0449	0.0474		1060	1000	5.6	20.0
PCB-1260 Peak 5	Ave	0.0467	0.0494		1060	1000	5.7	20.0
PCB-1260 Peak 6	Ave	0.1029	0.1093		1060	1000	6.3	20.0
PCB-1260 Peak 7	Ave	0.0648	0.0673		1040	1000	3.9	20.0
PCB-1260 Peak 8	Ave	0.0222	0.0242		1090	1000	9.3	20.0
Tetrachloro-m-xylene	Ave	1.043	1.107		106	100	6.2	20.0
DCB Decachlorobiphenyl	Ave	0.6522	0.6887		106	100	5.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-774672/2 Calibration Date: 04/29/2021 04:46

Instrument ID: CPESTGC11 Calib Start Date: 12/28/2020 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/28/2020 11:56

Lab File ID: 11F0001121.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.19	3.16	3.22
PCB-1016 Peak 2	3.70	3.67	3.73
PCB-1016 Peak 3	4.27	4.24	4.30
PCB-1016 Peak 4	4.43	4.40	4.46
PCB-1016 Peak 5	4.56	4.53	4.59
PCB-1016 Peak 6	5.02	4.99	5.05
PCB-1016 Peak 7	5.17	5.14	5.20
PCB-1016 Peak 8	5.55	5.52	5.58
PCB-1260 Peak 1	6.54	6.51	6.57
PCB-1260 Peak 2	6.79	6.76	6.82
PCB-1260 Peak 3	7.16	7.13	7.19
PCB-1260 Peak 4	7.99	7.96	8.02
PCB-1260 Peak 5	8.58	8.55	8.61
PCB-1260 Peak 6	9.15	9.12	9.18
PCB-1260 Peak 7	9.82	9.79	9.85
PCB-1260 Peak 8	10.51	10.48	10.54
Tetrachloro-m-xylene	2.58	2.55	2.61
DCB Decachlorobiphenyl	11.04	11.01	11.07

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001121.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 29-Apr-2021 04:46:49 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 10:06:38 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.621	1.621	0.000	55963429	20.0	20.0	
2	1.352	1.352	0.000	54307290	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.583	2.583	0.000	309747690	100.0	106.2	
2	1.991	1.991	0.000	281960487	100.0	105.5	
						RPD = 0.60	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.192	3.192	0.000	55824860	1000.0	1043.6	
1	3.698	3.698	0.000	113979760	1000.0	1033.2	
1	4.265	4.265	0.000	217429467	1000.0	1015.4	
1	4.432	4.432	0.000	89317773	1000.0	994.6	
1	4.559	4.559	0.000	56567691	1000.0	813.1	
1	5.020	5.020	0.000	71256976	1000.0	1027.0	
1	5.171	5.171	0.000	82197589	1000.0	1001.0	
1	5.549	5.549	0.000	68923587	1000.0	1029.5	
		Average of Peak Amounts =				994.7	
2	2.362	2.362	0.000	50319335	1000.0	1007.6	
2	2.736	2.736	0.000	100083301	1000.0	1030.0	
2	2.949	2.949	0.000	68634616	1000.0	1033.6	
2	3.241	3.241	0.000	219195522	1000.0	1036.9	
2	3.387	3.387	0.000	92430775	1000.0	1045.9	
2	3.456	3.456	0.000	59993589	1000.0	1093.4	
2	3.853	3.853	0.000	93930232	1000.0	1017.0	
2	4.291	4.291	0.000	55912500	1000.0	1050.6	
		Average of Peak Amounts =				1039.4	
						RPD = 4.40	
8 PCB-1260							
1	6.537	6.537	0.000	74894234	1000.0	1073.4	
1	6.790	6.790	0.000	164633371	1000.0	1046.3	
1	7.160	7.160	0.000	185335024	1000.0	1054.2	
1	7.989	7.989	0.000	132750726	1000.0	1055.8	
1	8.579	8.579	0.000	138159309	1000.0	1056.9	
1	9.149	9.149	0.000	305974146	1000.0	1062.6	
1	9.821	9.821	0.000	188328394	1000.0	1039.4	
1	10.506	10.506	0.000	67789599	1000.0	1093.0	
		Average of Peak Amounts =				1060.2	
2	5.275	5.275	0.000	157217387	1000.0	1088.1	
2	5.613	5.613	0.000	289664237	1000.0	1074.7	
2	6.138	6.138	0.000	136989253	1000.0	1011.2	
2	6.490	6.490	0.000	151686145	1000.0	1047.1	
2	6.990	6.990	0.000	377151589	1000.0	1194.1	
2	7.462	7.462	0.000	160867152	1000.0	974.3	
2	7.620	7.620	0.000	113203311	1000.0	1196.3	
2	8.693	8.693	0.000	85396729	1000.0	1016.9	
		Average of Peak Amounts =				1075.4	
						RPD = 1.42	
$ 11 DCB Decachlorobiphenyl							
1	11.043	11.043	0.000	192713052	100.0	105.6	
2	9.664	9.664	0.000	342944181	100.0	112.3	
						RPD = 6.16	

Reagents:

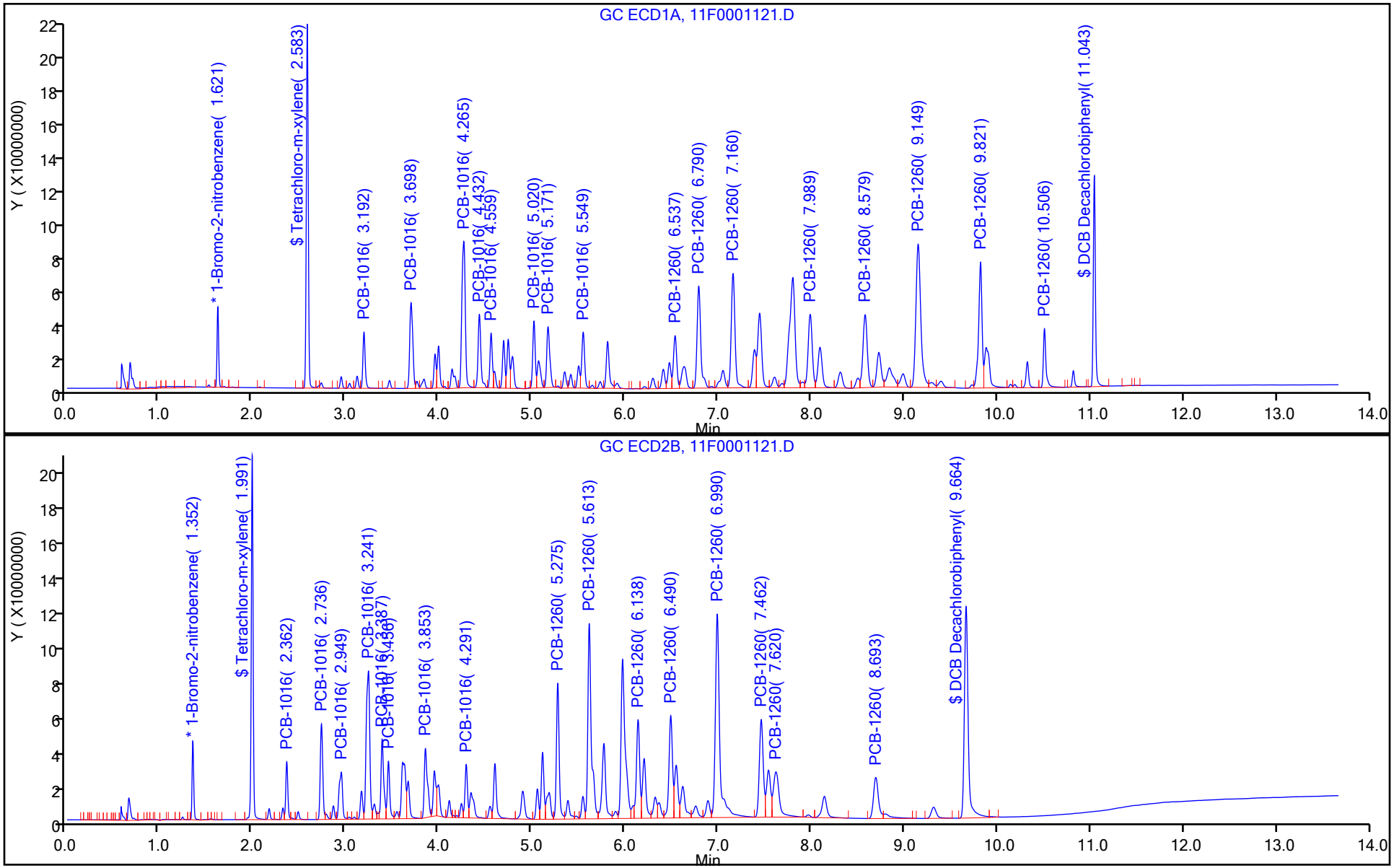
SG1660L3_00039 Amount Added: 1.00 Units: mL
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 10:06:39 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001121.D

Injection Date:	29-Apr-2021 04:46:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-774672/2 Calibration Date: 04/29/2021 04:46

Instrument ID: CPESTGC11 Calib Start Date: 12/28/2020 10:48

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 12/28/2020 11:56

Lab File ID: 11F0001121.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0184	0.0185		1010	1000	0.8	20.0
PCB-1016 Peak 2	Ave	0.0358	0.0369		1030	1000	3.0	20.0
PCB-1016 Peak 3	Ave	0.0245	0.0253		1030	1000	3.4	20.0
PCB-1016 Peak 4	Ave	0.0778	0.0807		1040	1000	3.7	20.0
PCB-1016 Peak 5	Ave	0.0325	0.0340		1050	1000	4.6	20.0
PCB-1016 Peak 6	Ave	0.0202	0.0221		1090	1000	9.3	20.0
PCB-1016 Peak 7	Ave	0.0340	0.0346		1020	1000	1.7	20.0
PCB-1016 Peak 8	Ave	0.0196	0.0206		1050	1000	5.1	20.0
PCB-1260 Peak 1	Ave	0.0532	0.0579		1090	1000	8.8	20.0
PCB-1260 Peak 2	Ave	0.0993	0.1067		1070	1000	7.5	20.0
PCB-1260 Peak 3	Ave	0.0499	0.0504		1010	1000	1.1	20.0
PCB-1260 Peak 4	Ave	0.0534	0.0559		1050	1000	4.7	20.0
PCB-1260 Peak 5	Ave	0.1163	0.1389		1190	1000	19.4	20.0
PCB-1260 Peak 6	Ave	0.0608	0.0592		974	1000	-2.6	20.0
PCB-1260 Peak 7	Ave	0.0348	0.0417		1200	1000	19.6	20.0
PCB-1260 Peak 8	Ave	0.0309	0.0314		1020	1000	1.7	20.0
Tetrachloro-m-xylene	Ave	0.9839	1.038		106	100	5.5	20.0
DCB Decachlorobiphenyl	Ave	1.125	1.263		112	100	12.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCVIS 460-774672/2 Calibration Date: 04/29/2021 04:46

Instrument ID: CPESTGC11 Calib Start Date: 12/28/2020 10:48

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 12/28/2020 11:56

Lab File ID: 11F0001121.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.36	2.33	2.39
PCB-1016 Peak 2	2.74	2.71	2.77
PCB-1016 Peak 3	2.95	2.92	2.98
PCB-1016 Peak 4	3.24	3.21	3.27
PCB-1016 Peak 5	3.39	3.36	3.42
PCB-1016 Peak 6	3.46	3.43	3.49
PCB-1016 Peak 7	3.85	3.82	3.88
PCB-1016 Peak 8	4.29	4.26	4.32
PCB-1260 Peak 1	5.28	5.25	5.31
PCB-1260 Peak 2	5.61	5.58	5.64
PCB-1260 Peak 3	6.14	6.11	6.17
PCB-1260 Peak 4	6.49	6.46	6.52
PCB-1260 Peak 5	6.99	6.96	7.02
PCB-1260 Peak 6	7.46	7.43	7.49
PCB-1260 Peak 7	7.62	7.59	7.65
PCB-1260 Peak 8	8.69	8.66	8.72
Tetrachloro-m-xylene	1.99	1.96	2.02
DCB Decachlorobiphenyl	9.66	9.56	9.76

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001121.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 29-Apr-2021 04:46:49 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 10:06:38 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.621	1.621	0.000	55963429	20.0	20.0	
2	1.352	1.352	0.000	54307290	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.583	2.583	0.000	309747690	100.0	106.2	
2	1.991	1.991	0.000	281960487	100.0	105.5	
						RPD = 0.60	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.192	3.192	0.000	55824860	1000.0	1043.6	
1	3.698	3.698	0.000	113979760	1000.0	1033.2	
1	4.265	4.265	0.000	217429467	1000.0	1015.4	
1	4.432	4.432	0.000	89317773	1000.0	994.6	
1	4.559	4.559	0.000	56567691	1000.0	813.1	
1	5.020	5.020	0.000	71256976	1000.0	1027.0	
1	5.171	5.171	0.000	82197589	1000.0	1001.0	
1	5.549	5.549	0.000	68923587	1000.0	1029.5	
		Average of Peak Amounts =				994.7	
2	2.362	2.362	0.000	50319335	1000.0	1007.6	
2	2.736	2.736	0.000	100083301	1000.0	1030.0	
2	2.949	2.949	0.000	68634616	1000.0	1033.6	
2	3.241	3.241	0.000	219195522	1000.0	1036.9	
2	3.387	3.387	0.000	92430775	1000.0	1045.9	
2	3.456	3.456	0.000	59993589	1000.0	1093.4	
2	3.853	3.853	0.000	93930232	1000.0	1017.0	
2	4.291	4.291	0.000	55912500	1000.0	1050.6	
		Average of Peak Amounts =				1039.4	
						RPD = 4.40	
8 PCB-1260							
1	6.537	6.537	0.000	74894234	1000.0	1073.4	
1	6.790	6.790	0.000	164633371	1000.0	1046.3	
1	7.160	7.160	0.000	185335024	1000.0	1054.2	
1	7.989	7.989	0.000	132750726	1000.0	1055.8	
1	8.579	8.579	0.000	138159309	1000.0	1056.9	
1	9.149	9.149	0.000	305974146	1000.0	1062.6	
1	9.821	9.821	0.000	188328394	1000.0	1039.4	
1	10.506	10.506	0.000	67789599	1000.0	1093.0	
		Average of Peak Amounts =				1060.2	
2	5.275	5.275	0.000	157217387	1000.0	1088.1	
2	5.613	5.613	0.000	289664237	1000.0	1074.7	
2	6.138	6.138	0.000	136989253	1000.0	1011.2	
2	6.490	6.490	0.000	151686145	1000.0	1047.1	
2	6.990	6.990	0.000	377151589	1000.0	1194.1	
2	7.462	7.462	0.000	160867152	1000.0	974.3	
2	7.620	7.620	0.000	113203311	1000.0	1196.3	
2	8.693	8.693	0.000	85396729	1000.0	1016.9	
		Average of Peak Amounts =				1075.4	
						RPD = 1.42	
$ 11 DCB Decachlorobiphenyl							
1	11.043	11.043	0.000	192713052	100.0	105.6	
2	9.664	9.664	0.000	342944181	100.0	112.3	
						RPD = 6.16	

Reagents:

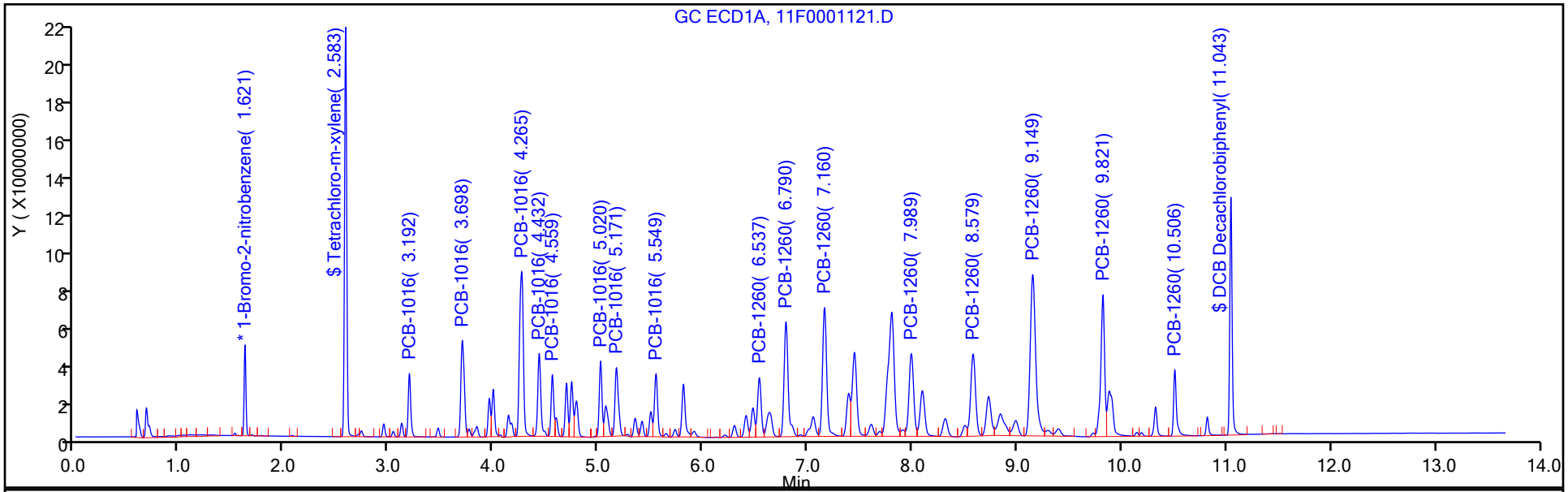
SG1660L3_00039 Amount Added: 1.00 Units: mL
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

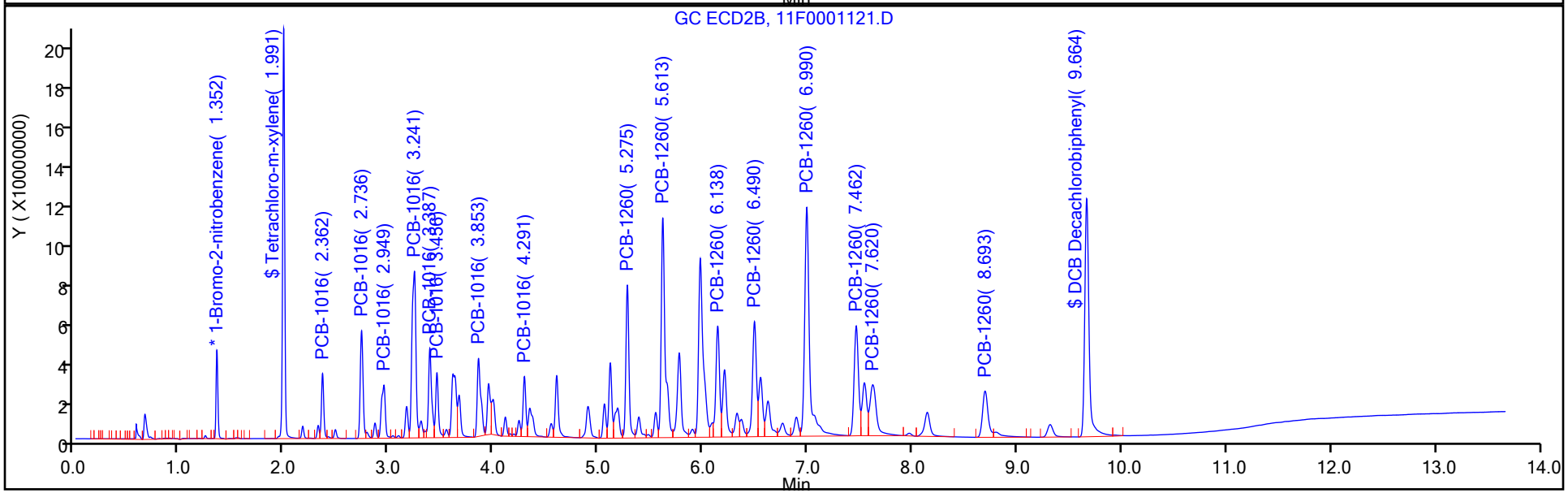
Report Date: 29-Apr-2021 10:06:40 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001121.D

Injection Date:	29-Apr-2021 04:46:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCV 460-774672/5 Calibration Date: 04/29/2021 05:37

Instrument ID: CPESTGC11 Calib Start Date: 12/28/2020 13:38

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/28/2020 13:38

Lab File ID: 11F0001124.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	0.0117	0.0138		1180	1000	17.9	20.0
PCB-1254 Peak 2	Ave	0.0373	0.0423		1130	1000	13.3	20.0
PCB-1254 Peak 3	Ave	0.0436	0.0485		1110	1000	11.2	20.0
PCB-1254 Peak 4	Ave	0.0351	0.0390		1110	1000	11.2	20.0
PCB-1254 Peak 5	Ave	0.0647	0.0711		1100	1000	9.9	20.0
PCB-1254 Peak 6	Ave	0.0465	0.0522		1120	1000	12.2	20.0
PCB-1254 Peak 7	Ave	0.0407	0.0436		1070	1000	7.0	20.0
PCB-1254 Peak 8	Ave	0.0670	0.0729		1090	1000	8.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCV 460-774672/5 Calibration Date: 04/29/2021 05:37

Instrument ID: CPESTGC11 Calib Start Date: 12/28/2020 13:38

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/28/2020 13:38

Lab File ID: 11F0001124.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	5.02	4.99	5.05
PCB-1254 Peak 2	5.55	5.52	5.58
PCB-1254 Peak 3	5.81	5.78	5.84
PCB-1254 Peak 4	6.30	6.27	6.33
PCB-1254 Peak 5	6.47	6.44	6.50
PCB-1254 Peak 6	6.85	6.82	6.88
PCB-1254 Peak 7	7.44	7.41	7.47
PCB-1254 Peak 8	7.80	7.77	7.83

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001124.D
Lims ID: CCV AR1254
Client ID:
Sample Type: CCV
Inject. Date: 29-Apr-2021 05:37:52 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-005
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 11:15:21 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 09:55:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.620	1.620	0.000	86176292	20.0	20.0	
2	1.352	1.352	0.000	79197399	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	5.016	5.016	0.000	59564664	1000.0	1179.3	
1	5.545	5.545	0.000	182260592	1000.0	1133.2	
1	5.809	5.809	0.000	208830875	1000.0	1112.0	
1	6.295	6.295	0.000	168034033	1000.0	1111.7	
1	6.472	6.472	0.000	306222790	1000.0	1098.9	M
1	6.845	6.845	0.000	224927044	1000.0	1121.9	
1	7.441	7.441	0.000	187757611	1000.0	1069.6	
1	7.801	7.801	0.000	314123850	1000.0	1087.3	
		Average of Peak Amounts =				1114.2	
2	3.851	3.851	0.000	58310906	1000.0	1176.0	
2	4.291	4.291	0.000	155620372	1000.0	1159.6	M
2	4.599	4.599	0.000	213736890	1000.0	1156.9	M
2	4.913	4.913	0.000	170358519	1000.0	1167.3	M
2	5.056	5.056	0.000	292174416	1000.0	1148.7	M
2	5.383	5.383	0.000	207586675	1000.0	1091.4	M
2	5.612	5.612	0.000	211407018	1000.0	1139.7	M
2	5.973	5.973	0.000	310875537	1000.0	1121.5	M
		Average of Peak Amounts =				1145.1	
						RPD = 2.73	
S 12 Polychlorinated biphenyls, Total							
1						1114.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

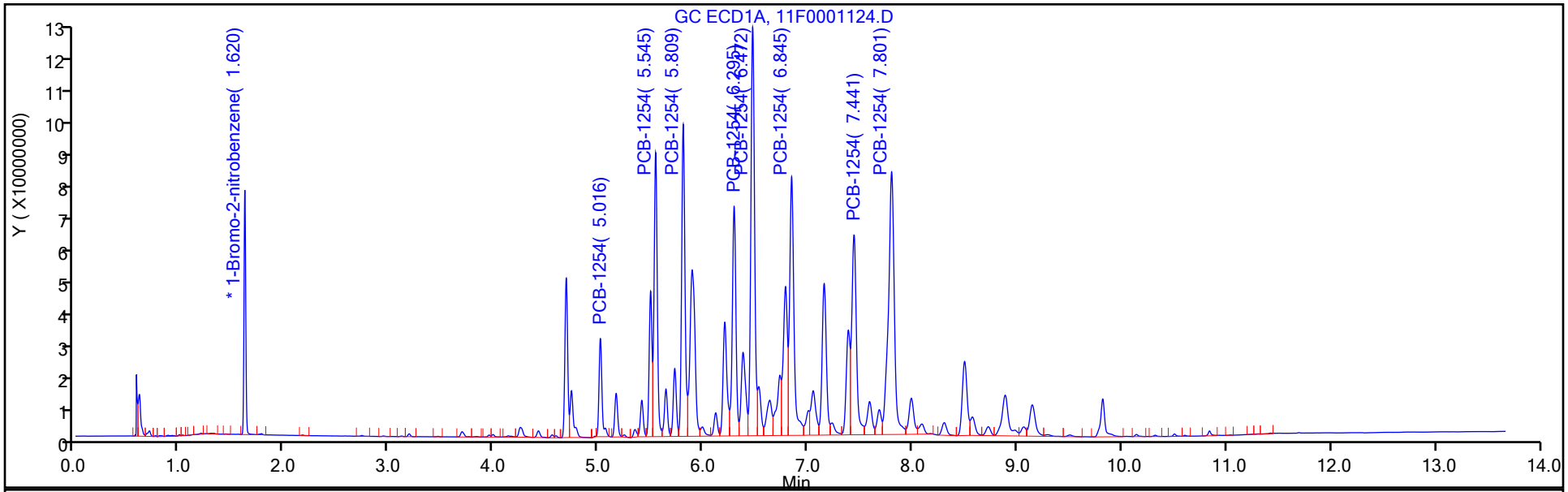
SG1254L4_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00021	Amount Added:	20.00	Units: uL	Run Reagent

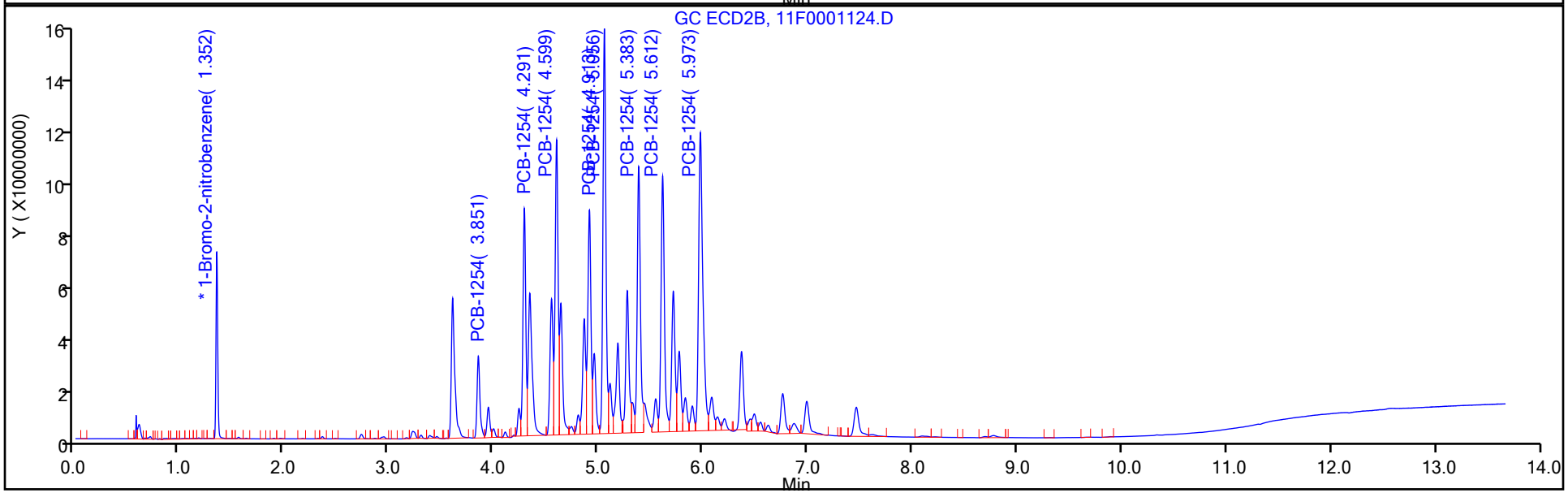
Report Date: 29-Apr-2021 11:15:21 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001124.D

Injection Date:	29-Apr-2021 05:37:52	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1254			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 29-Apr-2021 11:15:22 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001124.D

Injection Date: 29-Apr-2021 05:37:52 Instrument ID: CPESTGC11

Lims ID: CCV AR1254

Client ID:

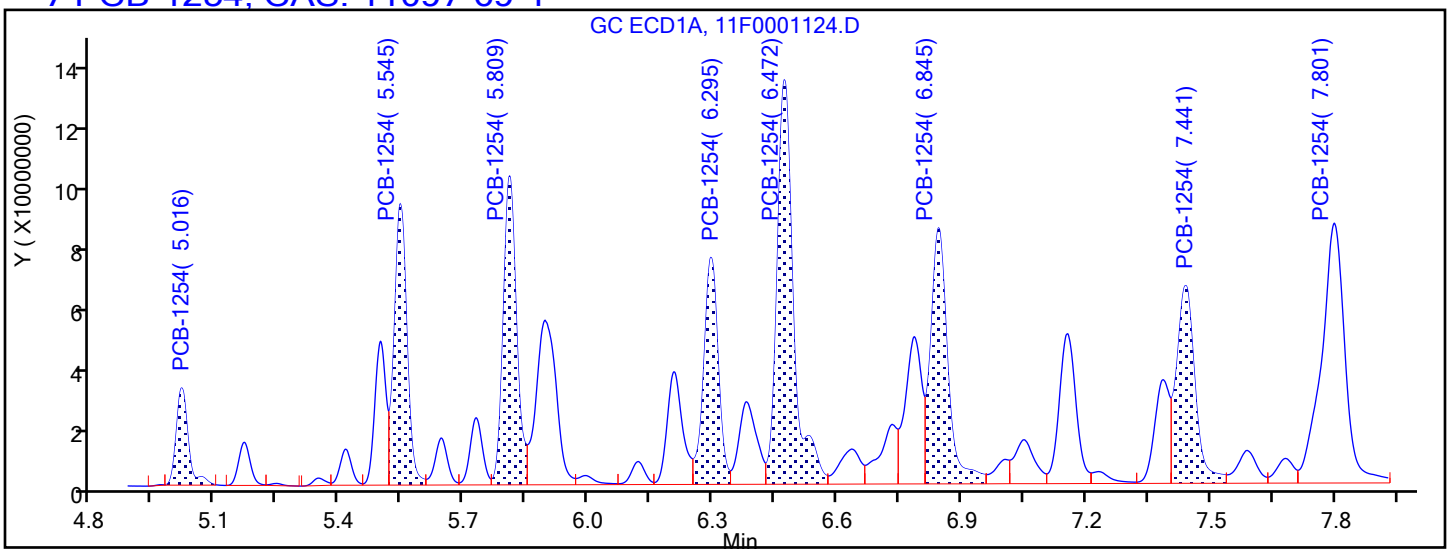
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

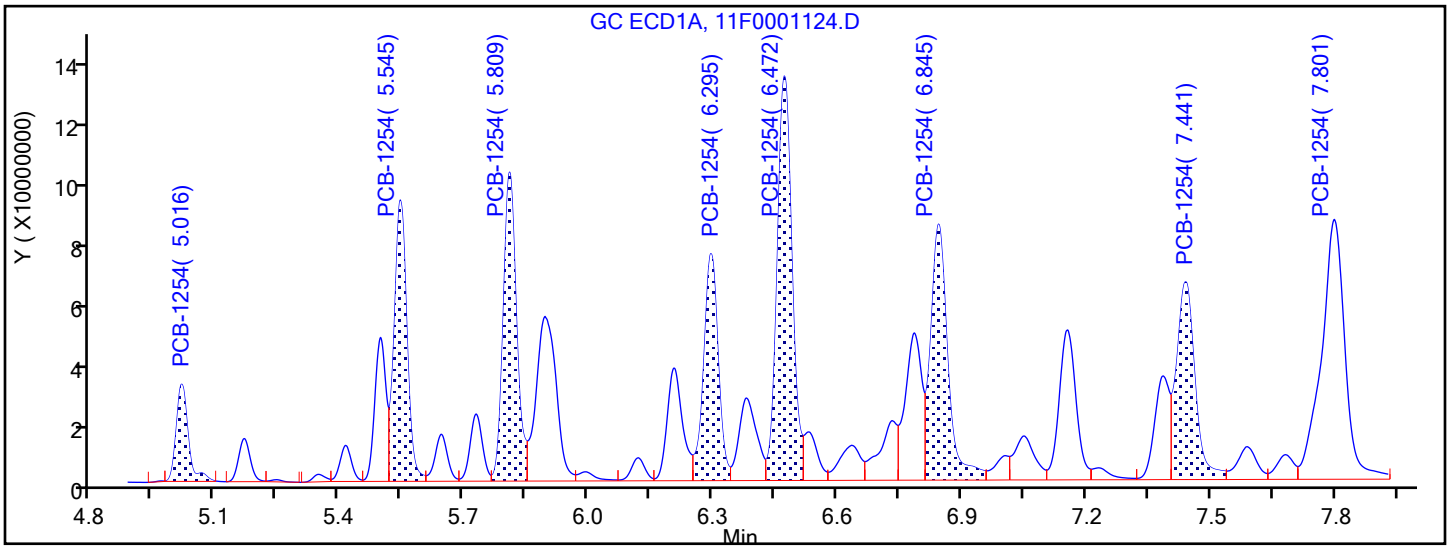
Column: Detector GC ECD1A

7 PCB-1254, CAS: 11097-69-1



Processing Integration Results

5.016	Response = 59564664
5.545	Response = 182260592
5.809	Response = 208830875
6.295	Response = 168034033
6.472	Response = 339678301
6.845	Response = 224927044
7.441	Response = 187757611
7.801	Response = 314123850



Manual Integration Results

5.016	Response = 59564664
5.545	Response = 182260592
5.809	Response = 208830875
6.295	Response = 168034033
6.472	Response = 306222790
6.845	Response = 224927044

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCV 460-774672/5 Calibration Date: 04/29/2021 05:37

Instrument ID: CPESTGC11 Calib Start Date: 12/28/2020 13:38

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 12/28/2020 13:38

Lab File ID: 11F0001124.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	0.0125	0.0147		1180	1000	17.6	20.0
PCB-1254 Peak 2	Ave	0.0339	0.0393		1160	1000	16.0	20.0
PCB-1254 Peak 3	Ave	0.0467	0.0540		1160	1000	15.7	20.0
PCB-1254 Peak 4	Ave	0.0369	0.0430		1170	1000	16.7	20.0
PCB-1254 Peak 5	Ave	0.0642	0.0738		1150	1000	14.9	20.0
PCB-1254 Peak 6	Ave	0.0480	0.0524		1090	1000	9.1	20.0
PCB-1254 Peak 7	Ave	0.0468	0.0534		1140	1000	14.0	20.0
PCB-1254 Peak 8	Ave	0.0700	0.0785		1120	1000	12.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: CCV 460-774672/5 Calibration Date: 04/29/2021 05:37

Instrument ID: CPESTGC11 Calib Start Date: 12/28/2020 13:38

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 12/28/2020 13:38

Lab File ID: 11F0001124.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	3.85	3.82	3.88
PCB-1254 Peak 2	4.29	4.26	4.32
PCB-1254 Peak 3	4.60	4.57	4.63
PCB-1254 Peak 4	4.91	4.88	4.94
PCB-1254 Peak 5	5.06	5.03	5.09
PCB-1254 Peak 6	5.38	5.35	5.41
PCB-1254 Peak 7	5.61	5.58	5.64
PCB-1254 Peak 8	5.97	5.94	6.00

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001124.D
Lims ID: CCV AR1254
Client ID:
Sample Type: CCV
Inject. Date: 29-Apr-2021 05:37:52 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-005
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 11:15:21 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 09:55:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.620	1.620	0.000	86176292	20.0	20.0	
2	1.352	1.352	0.000	79197399	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	5.016	5.016	0.000	59564664	1000.0	1179.3	
1	5.545	5.545	0.000	182260592	1000.0	1133.2	
1	5.809	5.809	0.000	208830875	1000.0	1112.0	
1	6.295	6.295	0.000	168034033	1000.0	1111.7	
1	6.472	6.472	0.000	306222790	1000.0	1098.9	M
1	6.845	6.845	0.000	224927044	1000.0	1121.9	
1	7.441	7.441	0.000	187757611	1000.0	1069.6	
1	7.801	7.801	0.000	314123850	1000.0	1087.3	
		Average of Peak Amounts =				1114.2	
2	3.851	3.851	0.000	58310906	1000.0	1176.0	
2	4.291	4.291	0.000	155620372	1000.0	1159.6	M
2	4.599	4.599	0.000	213736890	1000.0	1156.9	M
2	4.913	4.913	0.000	170358519	1000.0	1167.3	M
2	5.056	5.056	0.000	292174416	1000.0	1148.7	M
2	5.383	5.383	0.000	207586675	1000.0	1091.4	M
2	5.612	5.612	0.000	211407018	1000.0	1139.7	M
2	5.973	5.973	0.000	310875537	1000.0	1121.5	M
		Average of Peak Amounts =				1145.1	
						RPD = 2.73	
S 12 Polychlorinated biphenyls, Total							
1						1114.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

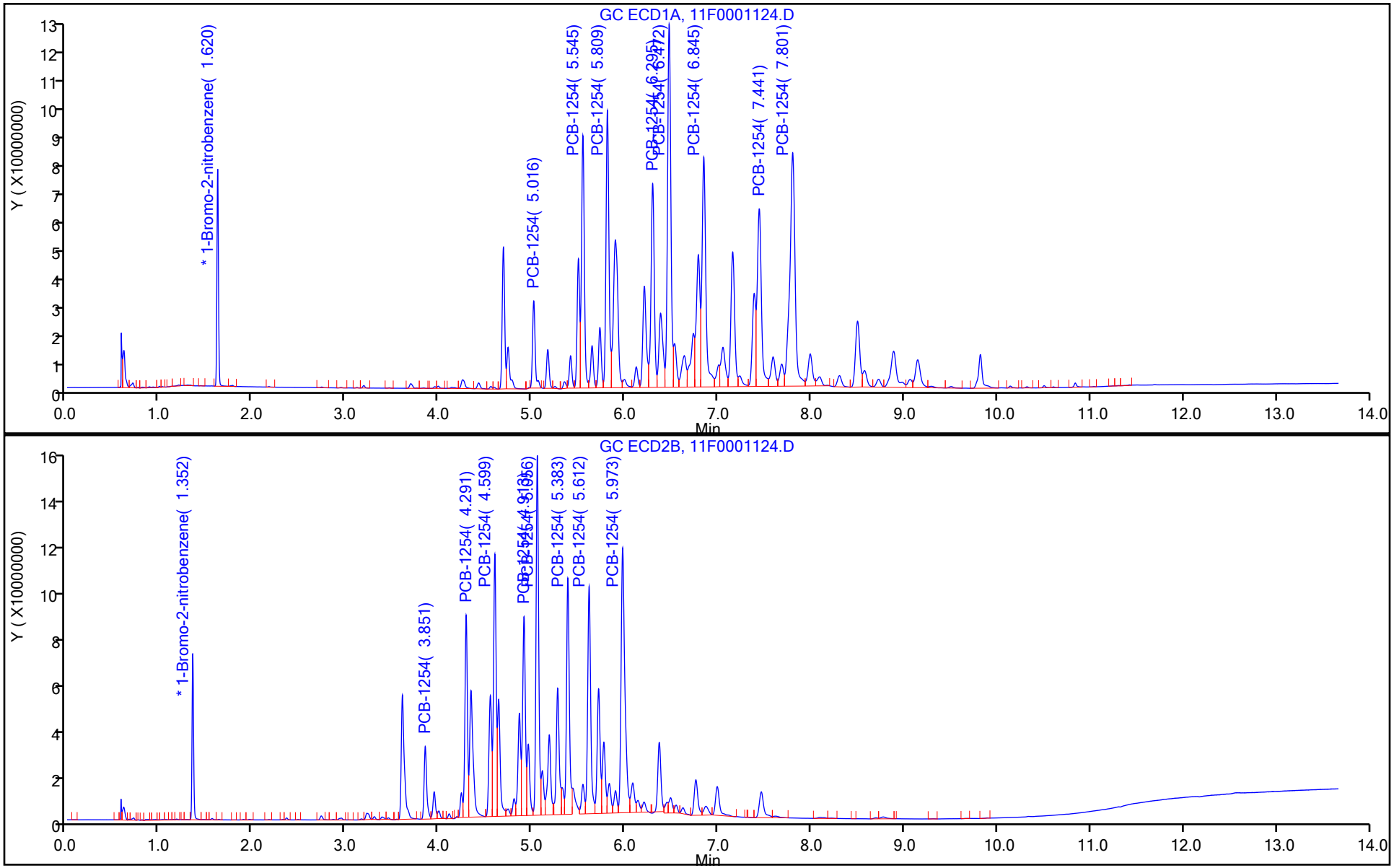
SG1254L4_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00021	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 29-Apr-2021 11:15:22 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001124.D

Injection Date:	29-Apr-2021 05:37:52	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1254			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



Report Date: 29-Apr-2021 11:15:22 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001124.D

Injection Date: 29-Apr-2021 05:37:52 Instrument ID: CPESTGC11

Lims ID: CCV AR1254

Client ID:

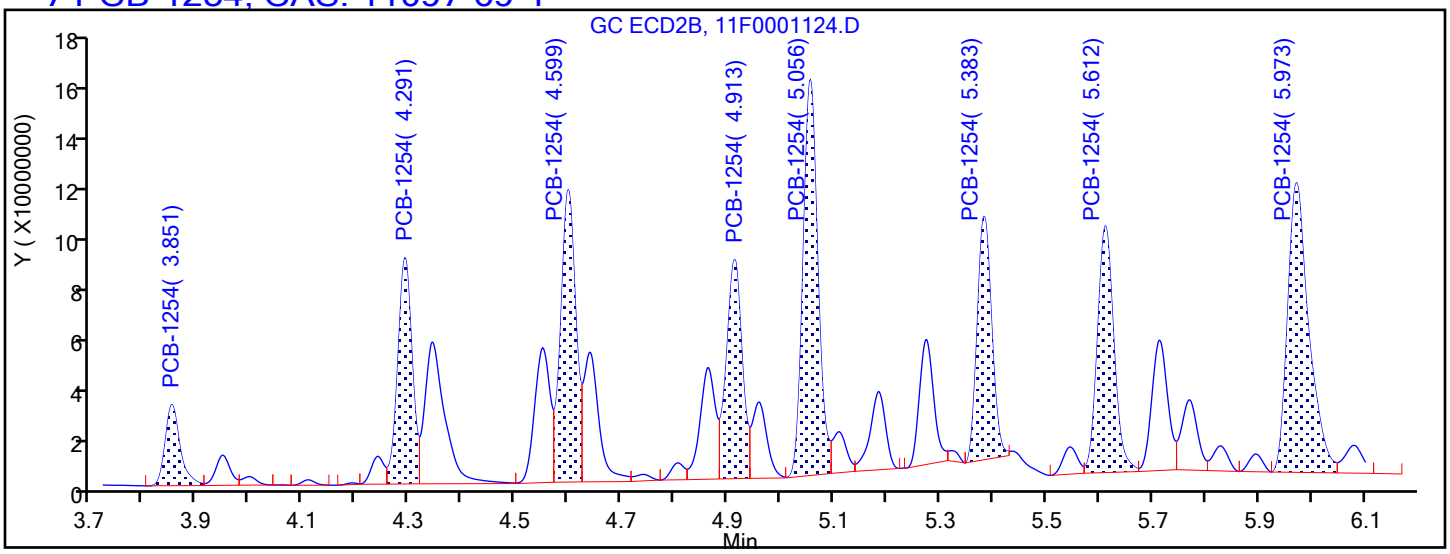
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

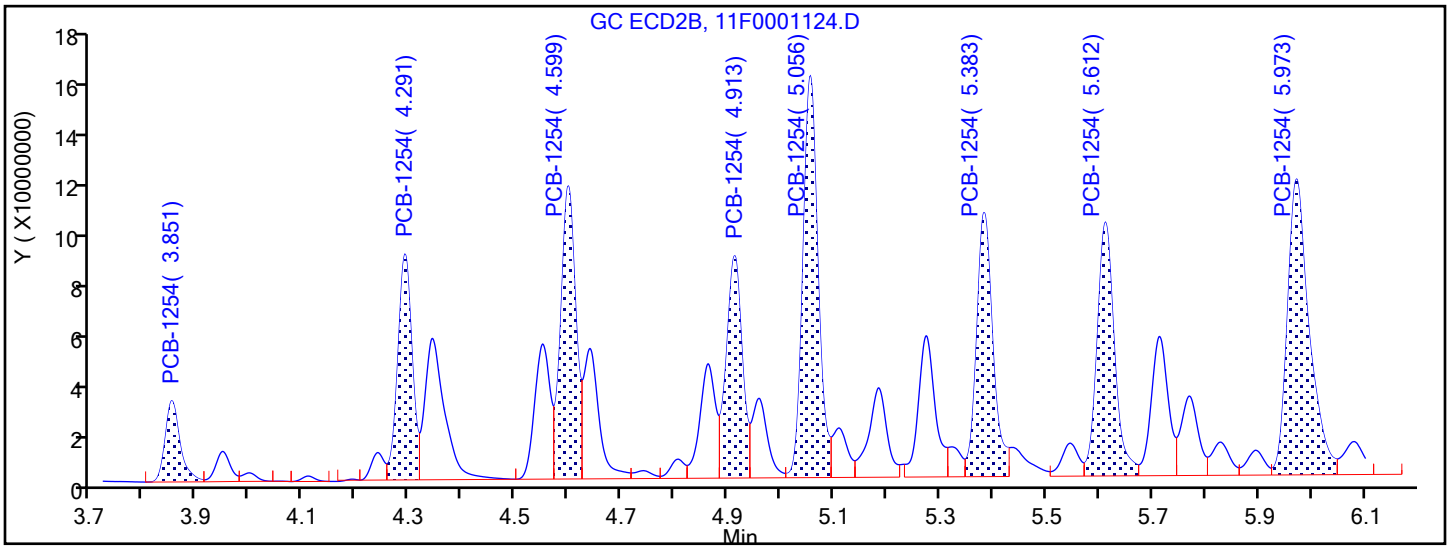
Column: Detector GC ECD2B

7 PCB-1254, CAS: 11097-69-1



Processing Integration Results

3.851	Response = 58310906
4.291	Response = 156027143
4.599	Response = 212945498
4.913	Response = 166382129
5.056	Response = 281371647
5.383	Response = 169015544
5.612	Response = 194917211
5.973	Response = 294086269



Manual Integration Results

3.851	Response = 58310906	
4.291	Response = 155620372	M
4.599	Response = 213736890	M
4.913	Response = 170358519	M
5.056	Response = 292174416	M
5.383	Response = 207586675	M

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774606/1-A

Matrix: Solid Lab File ID: 11F0001125.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 05:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.067*	*U*	*0.067*	*0.0089*
11104-28-2	*Aroclor 1221*	*0.067*	*U*	*0.067*	*0.0089*
11141-16-5	*Aroclor 1232*	*0.067*	*U*	*0.067*	*0.0089*
53469-21-9	*Aroclor 1242*	*0.067*	*U*	*0.067*	*0.0089*
12672-29-6	*Aroclor 1248*	*0.067*	*U*	*0.067*	*0.0089*
11097-69-1	*Aroclor 1254*	*0.067*	*U*	*0.067*	*0.0092*
11096-82-5	*Aroclor 1260*	*0.067*	*U*	*0.067*	*0.0092*
37324-23-5	*Aroclor-1262*	*0.067*	*U*	*0.067*	*0.0092*
11100-14-4	*Aroclor 1268*	*0.067*	*U*	*0.067*	*0.0092*
1336-36-3	*Polychlorinated biphenyls, Total*	*0.067*	*U*	*0.067*	*0.0092*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		37-150
877-09-8	Tetrachloro-m-xylene	98		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001125.D
Lims ID: MB 460-774606/1-A
Client ID:
Sample Type: MB
Inject. Date: 29-Apr-2021 05:54:55 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-006
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 10:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: patelji Date: 29-Apr-2021 09:38:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.619	1.619	0.000	62616302	20.0	20.0	
2	1.352	1.352	0.000	58599284	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.581	2.583	-0.002	159564835	50.0	48.9	
2	1.990	1.991	-0.001	141054722	50.0	48.9	
						RPD = 0.09	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	11.039	11.043	-0.004	104015637	50.0	50.9	
2	9.666	9.664	0.002	178577509	50.0	54.2	
						RPD = 6.20	

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 10:06:06 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001125.D

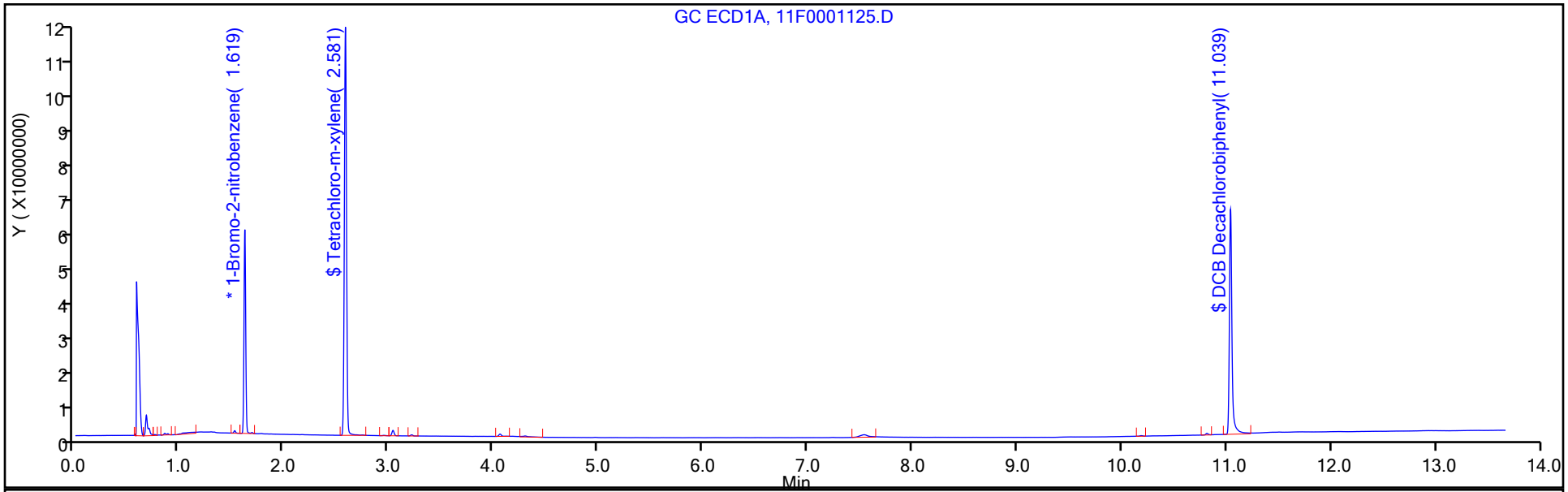
Injection Date: 29-Apr-2021 05:54:55 Instrument ID: CPESTGC11 Operator ID:

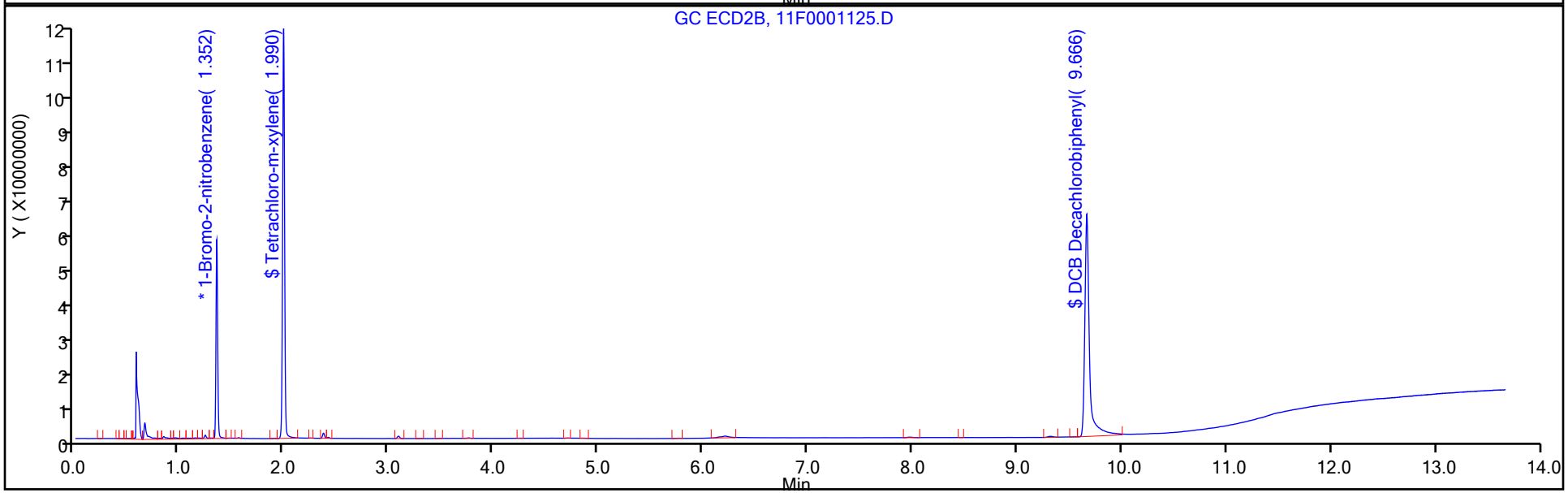
Lims ID: MB 460-774606/1-A Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774606/1-A

Matrix: Solid Lab File ID: 11F0001125.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 05:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.067	U	0.067	0.0089
11104-28-2	Aroclor 1221	0.067	U	0.067	0.0089
11141-16-5	Aroclor 1232	0.067	U	0.067	0.0089
53469-21-9	Aroclor 1242	0.067	U	0.067	0.0089
12672-29-6	Aroclor 1248	0.067	U	0.067	0.0089
11097-69-1	Aroclor 1254	0.067	U	0.067	0.0092
11096-82-5	Aroclor 1260	0.067	U	0.067	0.0092
37324-23-5	Aroclor-1262	0.067	U	0.067	0.0092
11100-14-4	Aroclor 1268	0.067	U	0.067	0.0092
1336-36-3	Polychlorinated biphenyls, Total	0.067	U	0.067	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		37-150
877-09-8	Tetrachloro-m-xylene	98		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001125.D
Lims ID: MB 460-774606/1-A
Client ID:
Sample Type: MB
Inject. Date: 29-Apr-2021 05:54:55 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-006
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 10:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: patelji Date: 29-Apr-2021 09:38:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.619	1.619	0.000	62616302	20.0	20.0	
2	1.352	1.352	0.000	58599284	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.581	2.583	-0.002	159564835	50.0	48.9	
2	1.990	1.991	-0.001	141054722	50.0	48.9	
						RPD = 0.09	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	11.039	11.043	-0.004	104015637	50.0	50.9	
2	9.666	9.664	0.002	178577509	50.0	54.2	
						RPD = 6.20	

Reagents:

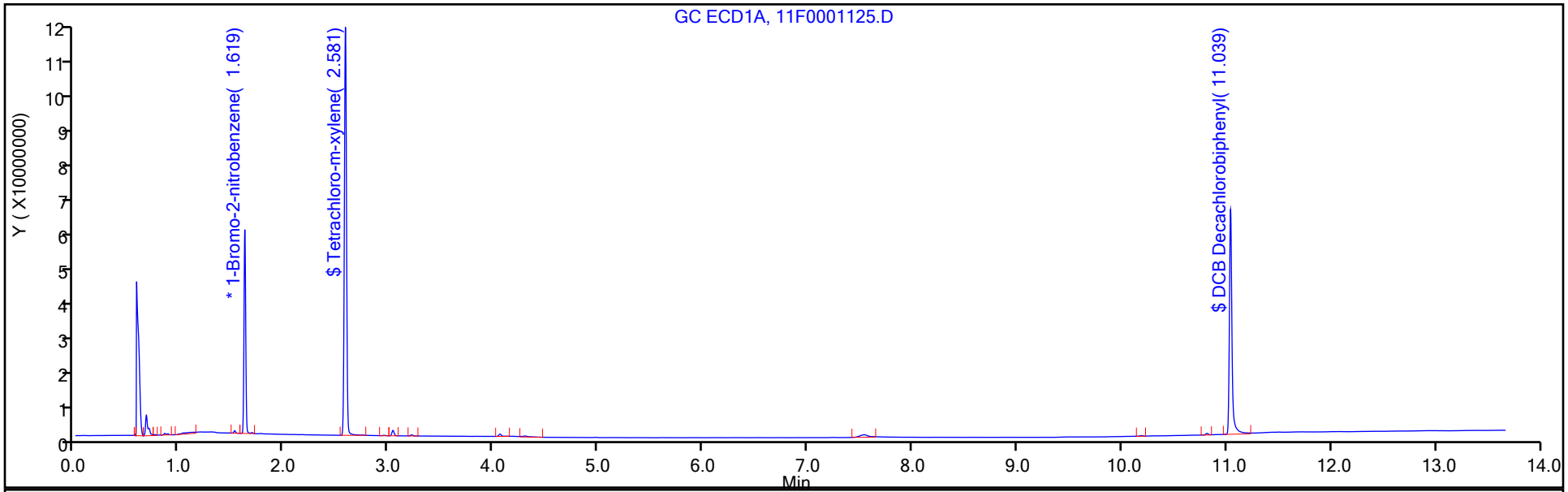
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

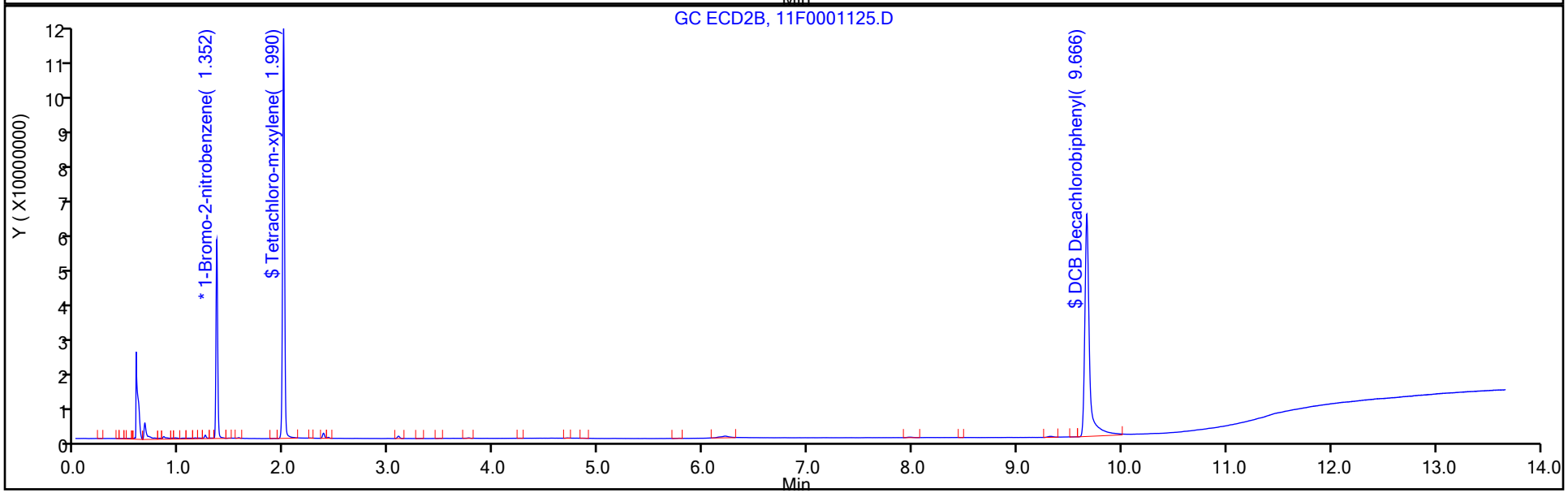
Report Date: 29-Apr-2021 10:06:06 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001125.D

Injection Date:	29-Apr-2021 05:54:55	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-774606/1-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-774672/1

Matrix: Solid Lab File ID: 11F0001120.D

Analysis Method: 8082A Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/29/2021 04:29

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.50	U	0.50	0.12
11104-28-2	Aroclor 1221	0.50	U	0.50	0.12
11141-16-5	Aroclor 1232	0.50	U	0.50	0.12
53469-21-9	Aroclor 1242	0.50	U	0.50	0.12
12672-29-6	Aroclor 1248	0.50	U	0.50	0.12
11097-69-1	Aroclor 1254	0.50	U	0.50	0.11
11096-82-5	Aroclor 1260	0.50	U	0.50	0.11
37324-23-5	Aroclor-1262	0.50	U	0.50	0.11
11100-14-4	Aroclor 1268	0.50	U	0.50	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.50	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		37-150
877-09-8	Tetrachloro-m-xylene	86		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001120.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 29-Apr-2021 04:29:52 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-001
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 10:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: patelji Date: 29-Apr-2021 09:15:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.628	1.619	0.009	78170312	20.0	20.0	
2	1.349	1.352	-0.003	59641848	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.595	2.583	0.012	69710577	20.0	17.1	
2	1.986	1.991	-0.005	64754008	20.0	22.1	
						RPD = 25.33	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	11.083	11.043	0.040	44609842	20.0	17.5	
2	9.671	9.664	0.007	80204109	20.0	23.9	
						RPD = 30.99	

QC Flag Legend

Processing Flags

Reagents:

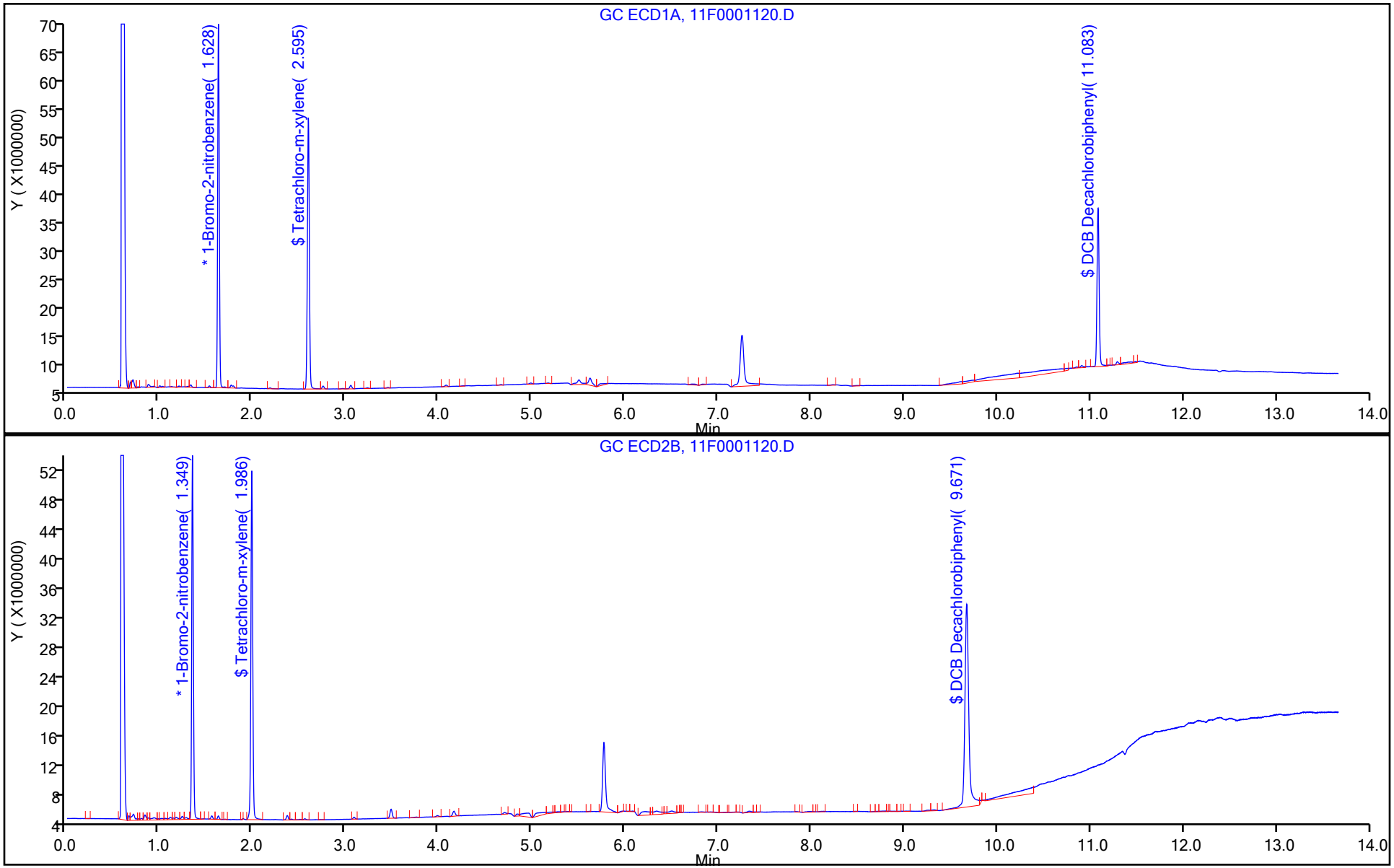
SGPIBLK_00031	Amount Added: 1.00	Units: mL	
SGPCBISTD_00021	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 29-Apr-2021 10:06:37 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001120.D

Injection Date:	29-Apr-2021 04:29:52	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-774672/1

Matrix: Solid Lab File ID: 11F0001120.D

Analysis Method: 8082A Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/29/2021 04:29

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.50*	*U*	*0.50*	*0.12*
11104-28-2	*Aroclor 1221*	*0.50*	*U*	*0.50*	*0.12*
11141-16-5	*Aroclor 1232*	*0.50*	*U*	*0.50*	*0.12*
53469-21-9	*Aroclor 1242*	*0.50*	*U*	*0.50*	*0.12*
12672-29-6	*Aroclor 1248*	*0.50*	*U*	*0.50*	*0.12*
11097-69-1	*Aroclor 1254*	*0.50*	*U*	*0.50*	*0.11*
11096-82-5	*Aroclor 1260*	*0.50*	*U*	*0.50*	*0.11*
37324-23-5	*Aroclor-1262*	*0.50*	*U*	*0.50*	*0.11*
11100-14-4	*Aroclor 1268*	*0.50*	*U*	*0.50*	*0.11*
1336-36-3	*Polychlorinated biphenyls, Total*	*0.50*	*U*	*0.50*	*0.12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		37-150
877-09-8	Tetrachloro-m-xylene	110		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001120.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 29-Apr-2021 04:29:52 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-001
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 10:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: patelji Date: 29-Apr-2021 09:15:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.628	1.619	0.009	78170312	20.0	20.0	
2	1.349	1.352	-0.003	59641848	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.595	2.583	0.012	69710577	20.0	17.1	
2	1.986	1.991	-0.005	64754008	20.0	22.1	
						RPD = 25.33	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	11.083	11.043	0.040	44609842	20.0	17.5	
2	9.671	9.664	0.007	80204109	20.0	23.9	
						RPD = 30.99	

QC Flag Legend

Processing Flags

Reagents:

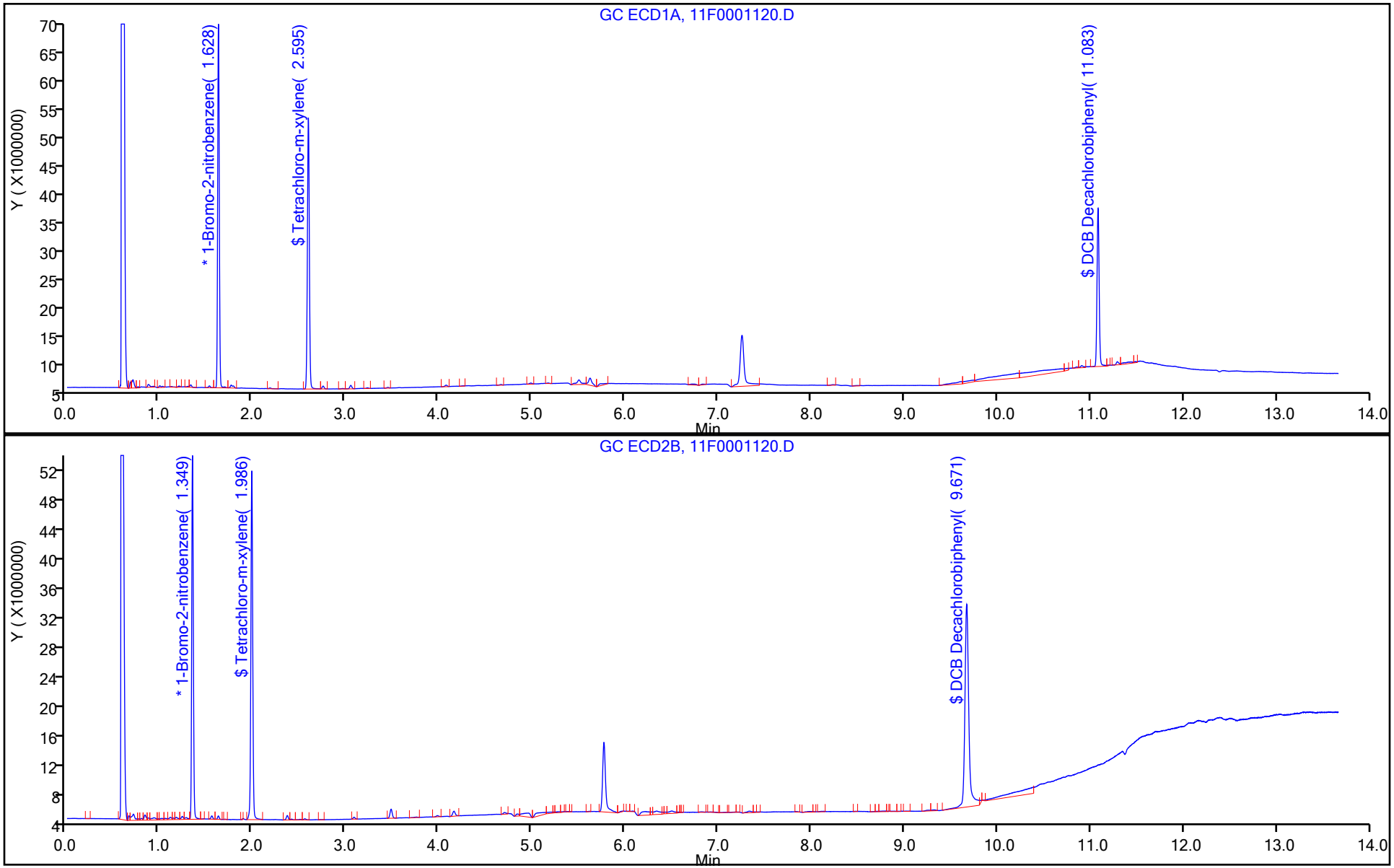
SGPIBLK_00031	Amount Added: 1.00	Units: mL	
SGPCBISTD_00021	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 29-Apr-2021 10:06:38 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001120.D

Injection Date:	29-Apr-2021 04:29:52	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774606/2-A

Matrix: Solid Lab File ID: 11F0001126.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 06:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.294*		*0.067*	*0.0089*
11096-82-5	*Aroclor 1260*	*0.323*		*0.067*	*0.0092*
1336-36-3	*Polychlorinated biphenyls, Total*	*0.617*		*0.067*	*0.0092*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		37-150
877-09-8	Tetrachloro-m-xylene	87		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001126.D
Lims ID: LCS 460-774606/2-A
Client ID:
Sample Type: LCS
Inject. Date: 29-Apr-2021 06:11:52 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-007
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 10:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 09:56:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.619	1.619	0.000	70272503	20.0	20.0	
2	1.352	1.352	0.000	63482615	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.581	2.583	-0.002	159608354	50.0	43.6	
2	1.991	1.991	0.000	144408361	50.0	46.2	
						RPD = 5.95	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.190	3.192	-0.002	32617369	500.0	485.6	
1	3.697	3.698	-0.001	66378479	500.0	479.2	
1	4.263	4.265	-0.002	120618150	500.0	448.6	
1	4.431	4.432	-0.001	50199675	500.0	445.2	
1	4.557	4.559	-0.002	38881019	500.0	445.0	
1	5.017	5.020	-0.003	39955563	500.0	458.6	
1	5.168	5.171	-0.003	46023119	500.0	446.3	
1	5.546	5.549	-0.003	27155301	500.0	323.0	
		Average of Peak Amounts =				441.4	
2	2.363	2.362	0.001	28775497	500.0	492.9	
2	2.735	2.736	-0.001	57509018	500.0	506.3	
2	2.949	2.949	0.000	39276222	500.0	506.0	
2	3.241	3.241	0.000	118174769	500.0	478.2	
2	3.388	3.387	0.001	50253125	500.0	486.5	
2	3.456	3.456	0.000	31948196	500.0	498.1	
2	3.853	3.853	0.000	52490800	500.0	486.2	
2	4.292	4.291	0.001	22094645	500.0	355.2	
		Average of Peak Amounts =				476.2	
						RPD = 7.57	
8 PCB-1260							M
1	6.534	6.537	-0.003	42820981	500.0	488.8	
1	6.789	6.790	-0.001	86711074	500.0	438.9	
1	7.156	7.160	-0.004	99005520	500.0	448.5	
1	7.984	7.989	-0.005	78824219	500.0	499.3	
1	8.577	8.579	-0.002	81237268	500.0	494.9	
1	9.145	9.149	-0.004	185374292	500.0	512.7	
1	9.816	9.821	-0.005	105414443	500.0	463.3	
1	10.502	10.506	-0.004	41335762	500.0	530.8	
		Average of Peak Amounts =				484.6	
2	5.275	5.275	0.000	82653258	500.0	489.4	
2	5.615	5.613	0.002	148521940	500.0	471.4	
2	6.139	6.138	0.001	89985649	500.0	568.3	
2	6.490	6.490	0.000	88190688	500.0	520.8	
2	6.990	6.990	0.000	201840387	500.0	546.7	M
2	7.463	7.462	0.001	88779869	500.0	460.0	
2	7.620	7.620	0.000	64998048	500.0	587.6	M
2	8.693	8.693	0.000	47911659	500.0	488.1	
		Average of Peak Amounts =				516.5	
						RPD = 6.37	
$ 11 DCB Decachlorobiphenyl							
1	11.035	11.043	-0.008	105591795	50.0	46.1	
2	9.667	9.664	0.003	180737605	50.0	50.6	
						RPD = 9.42	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 10:06:07 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001126.D

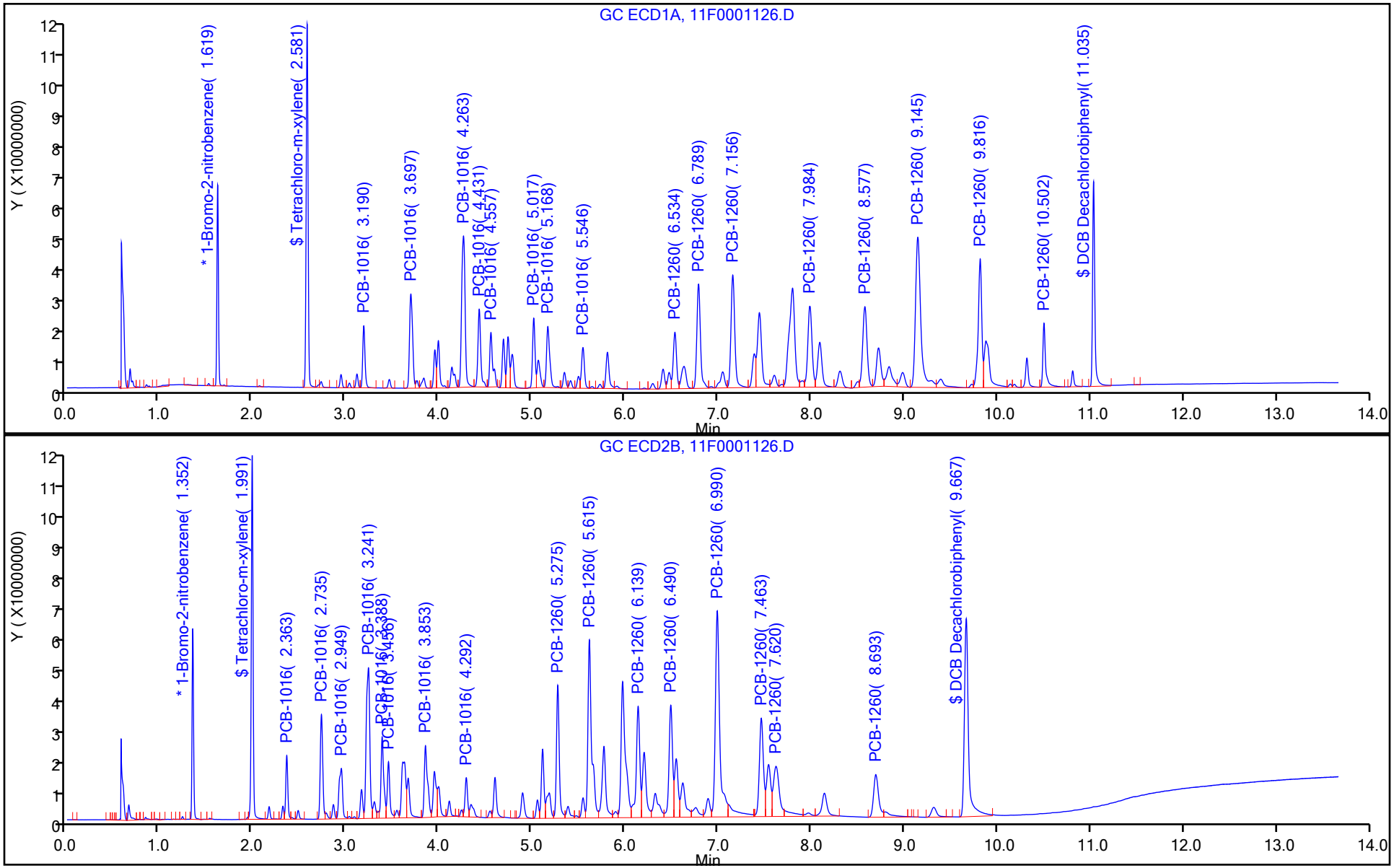
Injection Date: 29-Apr-2021 06:11:52 Instrument ID: CPESTGC11 Operator ID:

Lims ID: LCS 460-774606/2-A Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774606/2-A

Matrix: Solid Lab File ID: 11F0001126.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 06:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.317		0.067	0.0089
11096-82-5	Aroclor 1260	0.344		0.067	0.0092
1336-36-3	Polychlorinated biphenyls, Total	0.661		0.067	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		37-150
877-09-8	Tetrachloro-m-xylene	92		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001126.D
Lims ID: LCS 460-774606/2-A
Client ID:
Sample Type: LCS
Inject. Date: 29-Apr-2021 06:11:52 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-007
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 10:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 09:56:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.619	1.619	0.000	70272503	20.0	20.0	
2	1.352	1.352	0.000	63482615	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.581	2.583	-0.002	159608354	50.0	43.6	
2	1.991	1.991	0.000	144408361	50.0	46.2	
						RPD = 5.95	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.190	3.192	-0.002	32617369	500.0	485.6	
1	3.697	3.698	-0.001	66378479	500.0	479.2	
1	4.263	4.265	-0.002	120618150	500.0	448.6	
1	4.431	4.432	-0.001	50199675	500.0	445.2	
1	4.557	4.559	-0.002	38881019	500.0	445.0	
1	5.017	5.020	-0.003	39955563	500.0	458.6	
1	5.168	5.171	-0.003	46023119	500.0	446.3	
1	5.546	5.549	-0.003	27155301	500.0	323.0	
		Average of Peak Amounts =				441.4	
2	2.363	2.362	0.001	28775497	500.0	492.9	
2	2.735	2.736	-0.001	57509018	500.0	506.3	
2	2.949	2.949	0.000	39276222	500.0	506.0	
2	3.241	3.241	0.000	118174769	500.0	478.2	
2	3.388	3.387	0.001	50253125	500.0	486.5	
2	3.456	3.456	0.000	31948196	500.0	498.1	
2	3.853	3.853	0.000	52490800	500.0	486.2	
2	4.292	4.291	0.001	22094645	500.0	355.2	
		Average of Peak Amounts =				476.2	
						RPD = 7.57	
8 PCB-1260							M
1	6.534	6.537	-0.003	42820981	500.0	488.8	
1	6.789	6.790	-0.001	86711074	500.0	438.9	
1	7.156	7.160	-0.004	99005520	500.0	448.5	
1	7.984	7.989	-0.005	78824219	500.0	499.3	
1	8.577	8.579	-0.002	81237268	500.0	494.9	
1	9.145	9.149	-0.004	185374292	500.0	512.7	
1	9.816	9.821	-0.005	105414443	500.0	463.3	
1	10.502	10.506	-0.004	41335762	500.0	530.8	
		Average of Peak Amounts =				484.6	
2	5.275	5.275	0.000	82653258	500.0	489.4	
2	5.615	5.613	0.002	148521940	500.0	471.4	
2	6.139	6.138	0.001	89985649	500.0	568.3	
2	6.490	6.490	0.000	88190688	500.0	520.8	
2	6.990	6.990	0.000	201840387	500.0	546.7	M
2	7.463	7.462	0.001	88779869	500.0	460.0	
2	7.620	7.620	0.000	64998048	500.0	587.6	M
2	8.693	8.693	0.000	47911659	500.0	488.1	
		Average of Peak Amounts =				516.5	
						RPD = 6.37	
$ 11 DCB Decachlorobiphenyl							
1	11.035	11.043	-0.008	105591795	50.0	46.1	
2	9.667	9.664	0.003	180737605	50.0	50.6	
						RPD = 9.42	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 10:06:08 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001126.D

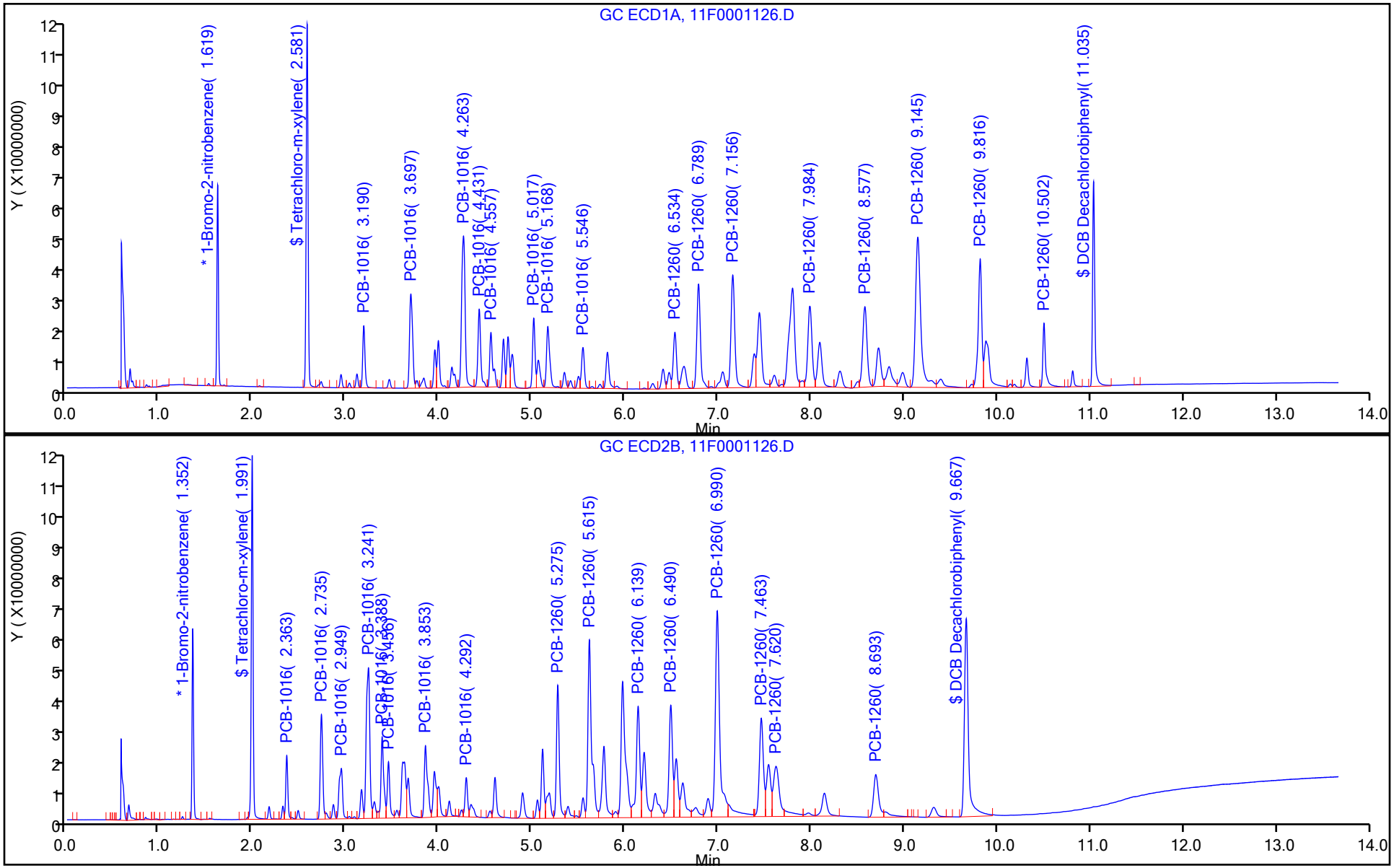
Injection Date: 29-Apr-2021 06:11:52 Instrument ID: CPESTGC11 Operator ID:

Lims ID: LCS 460-774606/2-A Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



Report Date: 29-Apr-2021 10:06:08 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001126.D

Injection Date: 29-Apr-2021 06:11:52 Instrument ID: CPESTGC11

Lims ID: LCS 460-774606/2-A

Client ID:

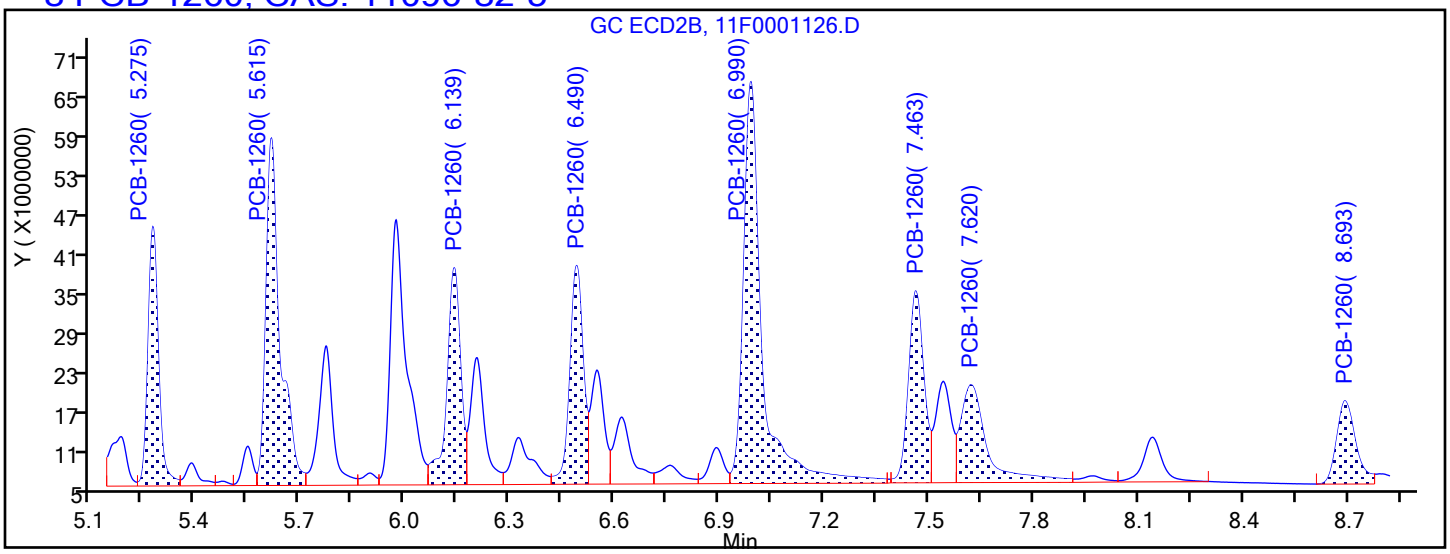
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

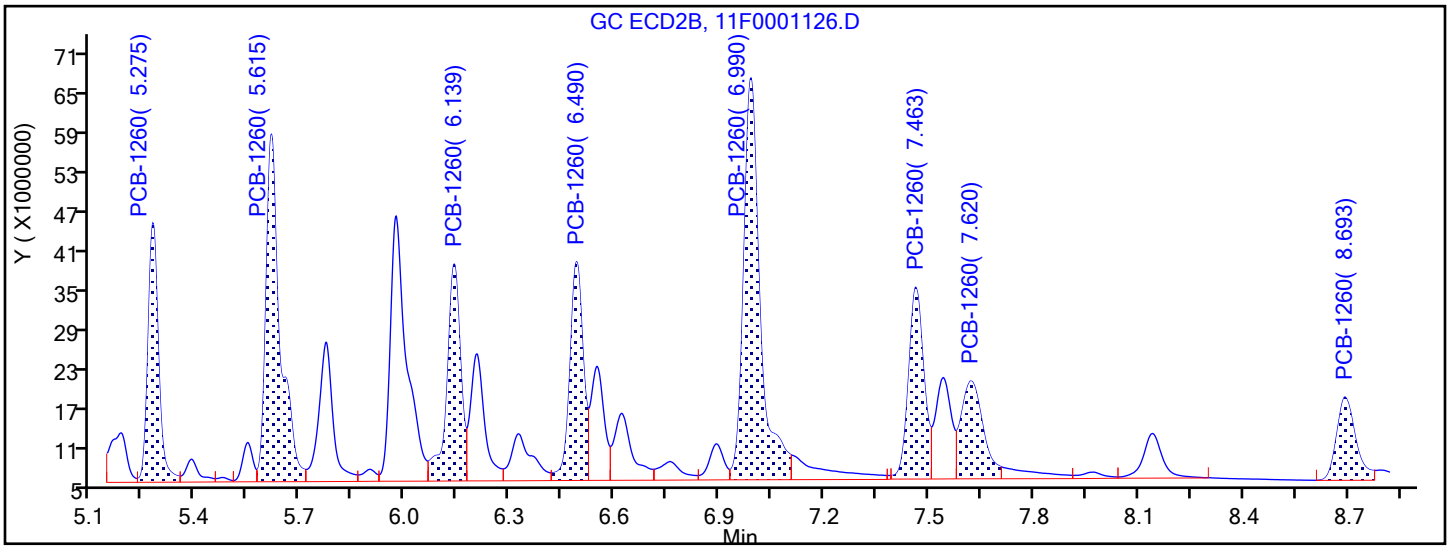
Column: Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.275	Response = 82653258
5.615	Response = 148521940
6.139	Response = 89985649
6.490	Response = 88190688
6.990	Response = 225636122
7.463	Response = 88779869
7.620	Response = 77162449
8.693	Response = 47911659



Manual Integration Results

5.275	Response = 82653258
5.615	Response = 148521940
6.139	Response = 89985649
6.490	Response = 88190688
6.990	Response = 201840387
7.463	Response = 88779869

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774606/3-A

Matrix: Solid Lab File ID: 11F0001127.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 06:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.291*		*0.067*	*0.0089*
11096-82-5	*Aroclor 1260*	*0.319*		*0.067*	*0.0092*
1336-36-3	*Polychlorinated biphenyls, Total*	*0.610*		*0.067*	*0.0092*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		37-150
877-09-8	Tetrachloro-m-xylene	89		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001127.D
Lims ID: LCSD 460-774606/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 29-Apr-2021 06:28:52 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-008
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 10:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 09:57:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.620	1.619	0.001	71193746	20.0	20.0	
2	1.352	1.352	0.000	67229547	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.581	2.583	-0.002	164459731	50.0	44.3	
2	1.990	1.991	-0.001	148255446	50.0	44.8	
						RPD = 1.15	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.191	3.192	-0.001	33271349	500.0	488.9	
1	3.696	3.698	-0.002	68060621	500.0	485.0	
1	4.263	4.265	-0.002	118845781	500.0	436.3	
1	4.431	4.432	-0.001	49709246	500.0	435.1	
1	4.557	4.559	-0.002	38678734	500.0	437.0	
1	5.018	5.020	-0.002	40351169	500.0	457.2	
1	5.169	5.171	-0.002	45614313	500.0	436.7	
1	5.546	5.549	-0.003	27150119	500.0	318.8	
		Average of Peak Amounts =				436.9	
2	2.362	2.362	0.000	29421299	500.0	475.9	
2	2.735	2.736	-0.001	58636091	500.0	487.5	
2	2.949	2.949	0.000	39620178	500.0	482.0	
2	3.240	3.241	-0.001	119275702	500.0	455.8	
2	3.388	3.387	0.001	49808557	500.0	455.3	
2	3.456	3.456	0.000	31106953	500.0	458.0	
2	3.854	3.853	0.001	51886577	500.0	453.8	
2	4.292	4.291	0.001	22239919	500.0	337.6	
		Average of Peak Amounts =				450.7	
						RPD = 3.12	
8 PCB-1260							
1	6.535	6.537	-0.002	42348864	500.0	477.1	
1	6.789	6.790	-0.001	85318547	500.0	426.2	
1	7.157	7.160	-0.003	97157246	500.0	434.4	
1	7.986	7.989	-0.003	78074320	500.0	488.1	
1	8.577	8.579	-0.002	81515069	500.0	490.2	
1	9.146	9.149	-0.003	187343851	500.0	511.4	
1	9.815	9.821	-0.006	107223945	500.0	465.2	
1	10.505	10.506	-0.001	42509484	500.0	538.8	
		Average of Peak Amounts =				478.9	
2	5.276	5.275	0.001	79079897	500.0	442.1	
2	5.615	5.613	0.002	145164128	500.0	435.1	
2	6.139	6.138	0.001	86673360	500.0	516.8	
2	6.491	6.490	0.001	85527480	500.0	476.9	
2	6.991	6.990	0.001	212494603	500.0	543.5	
2	7.464	7.462	0.002	85180360	500.0	416.8	
2	7.622	7.620	0.002	68525003	500.0	585.0	
2	8.696	8.693	0.003	48197430	500.0	463.6	
		Average of Peak Amounts =				485.0	
						RPD = 1.25	
$ 11 DCB Decachlorobiphenyl							
1	11.040	11.043	-0.003	109015851	50.0	47.0	
2	9.665	9.664	0.001	188979427	50.0	50.0	
						RPD = 6.26	

QC Flag Legend

Processing Flags

Reagents:

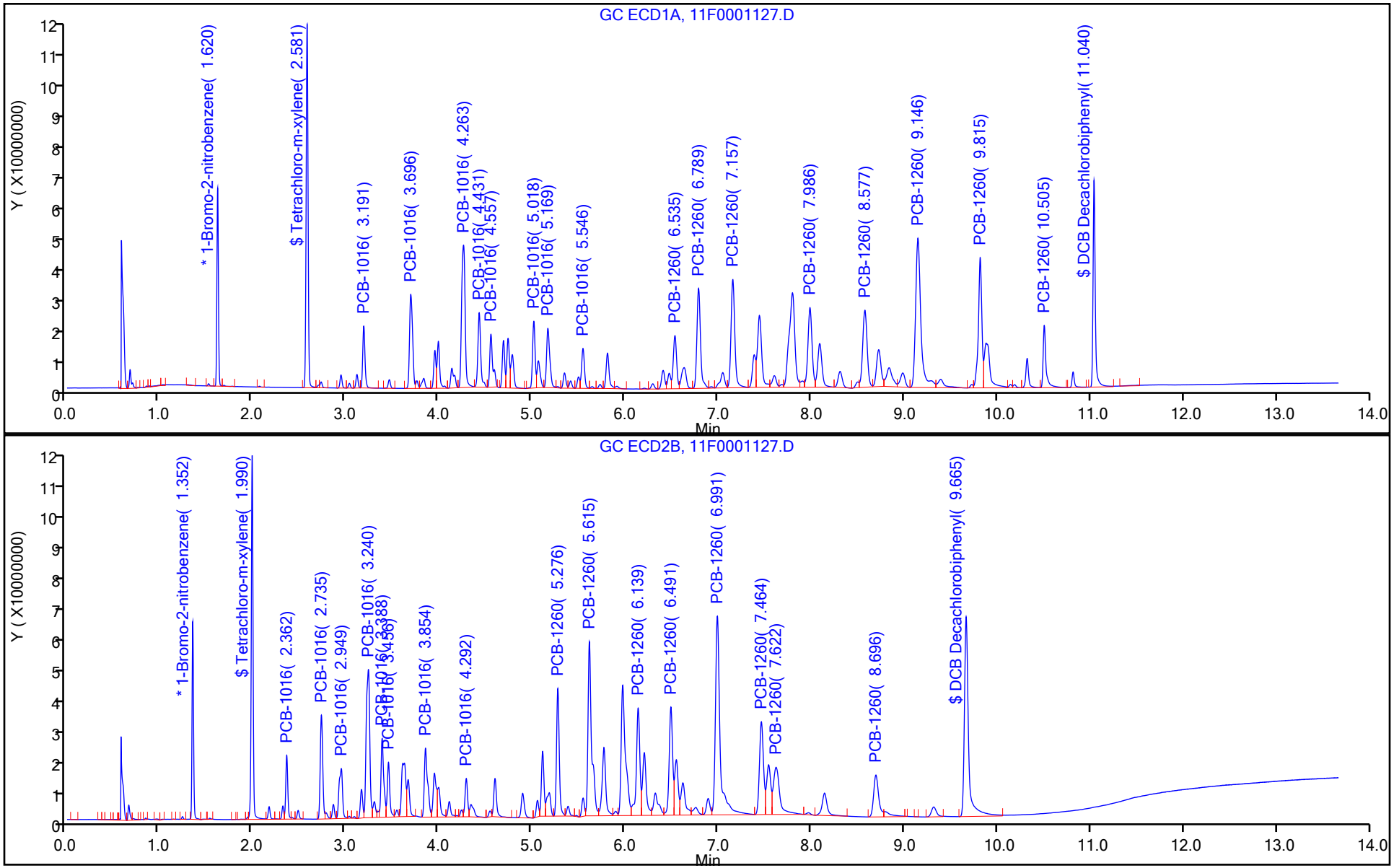
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 29-Apr-2021 10:06:09 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001127.D

Injection Date:	29-Apr-2021 06:28:52	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCSD 460-774606/3-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774606/3-A

Matrix: Solid Lab File ID: 11F0001127.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/28/2021 18:16

Sample wt/vol: 15.00(g) Date Analyzed: 04/29/2021 06:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774672 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.300		0.067	0.0089
11096-82-5	Aroclor 1260	0.323		0.067	0.0092
1336-36-3	Polychlorinated biphenyls, Total	0.623		0.067	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		37-150
877-09-8	Tetrachloro-m-xylene	90		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001127.D
Lims ID: LCSD 460-774606/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 29-Apr-2021 06:28:52 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127793-008
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 29-Apr-2021 10:03:37 Calib Date: 28-Dec-2020 14:12:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20201228-122217.b\T1580631.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1636

First Level Reviewer: babud Date: 29-Apr-2021 09:57:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.620	1.619	0.001	71193746	20.0	20.0	
2	1.352	1.352	0.000	67229547	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.581	2.583	-0.002	164459731	50.0	44.3	
2	1.990	1.991	-0.001	148255446	50.0	44.8	
						RPD = 1.15	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	3.191	3.192	-0.001	33271349	500.0	488.9	
1	3.696	3.698	-0.002	68060621	500.0	485.0	
1	4.263	4.265	-0.002	118845781	500.0	436.3	
1	4.431	4.432	-0.001	49709246	500.0	435.1	
1	4.557	4.559	-0.002	38678734	500.0	437.0	
1	5.018	5.020	-0.002	40351169	500.0	457.2	
1	5.169	5.171	-0.002	45614313	500.0	436.7	
1	5.546	5.549	-0.003	27150119	500.0	318.8	
		Average of Peak Amounts =				436.9	
2	2.362	2.362	0.000	29421299	500.0	475.9	
2	2.735	2.736	-0.001	58636091	500.0	487.5	
2	2.949	2.949	0.000	39620178	500.0	482.0	
2	3.240	3.241	-0.001	119275702	500.0	455.8	
2	3.388	3.387	0.001	49808557	500.0	455.3	
2	3.456	3.456	0.000	31106953	500.0	458.0	
2	3.854	3.853	0.001	51886577	500.0	453.8	
2	4.292	4.291	0.001	22239919	500.0	337.6	
		Average of Peak Amounts =				450.7	
						RPD = 3.12	
8 PCB-1260							
1	6.535	6.537	-0.002	42348864	500.0	477.1	
1	6.789	6.790	-0.001	85318547	500.0	426.2	
1	7.157	7.160	-0.003	97157246	500.0	434.4	
1	7.986	7.989	-0.003	78074320	500.0	488.1	
1	8.577	8.579	-0.002	81515069	500.0	490.2	
1	9.146	9.149	-0.003	187343851	500.0	511.4	
1	9.815	9.821	-0.006	107223945	500.0	465.2	
1	10.505	10.506	-0.001	42509484	500.0	538.8	
		Average of Peak Amounts =				478.9	
2	5.276	5.275	0.001	79079897	500.0	442.1	
2	5.615	5.613	0.002	145164128	500.0	435.1	
2	6.139	6.138	0.001	86673360	500.0	516.8	
2	6.491	6.490	0.001	85527480	500.0	476.9	
2	6.991	6.990	0.001	212494603	500.0	543.5	
2	7.464	7.462	0.002	85180360	500.0	416.8	
2	7.622	7.620	0.002	68525003	500.0	585.0	
2	8.696	8.693	0.003	48197430	500.0	463.6	
		Average of Peak Amounts =				485.0	
						RPD = 1.25	
$ 11 DCB Decachlorobiphenyl							
1	11.040	11.043	-0.003	109015851	50.0	47.0	
2	9.665	9.664	0.001	188979427	50.0	50.0	
						RPD = 6.26	

QC Flag Legend

Processing Flags

Reagents:

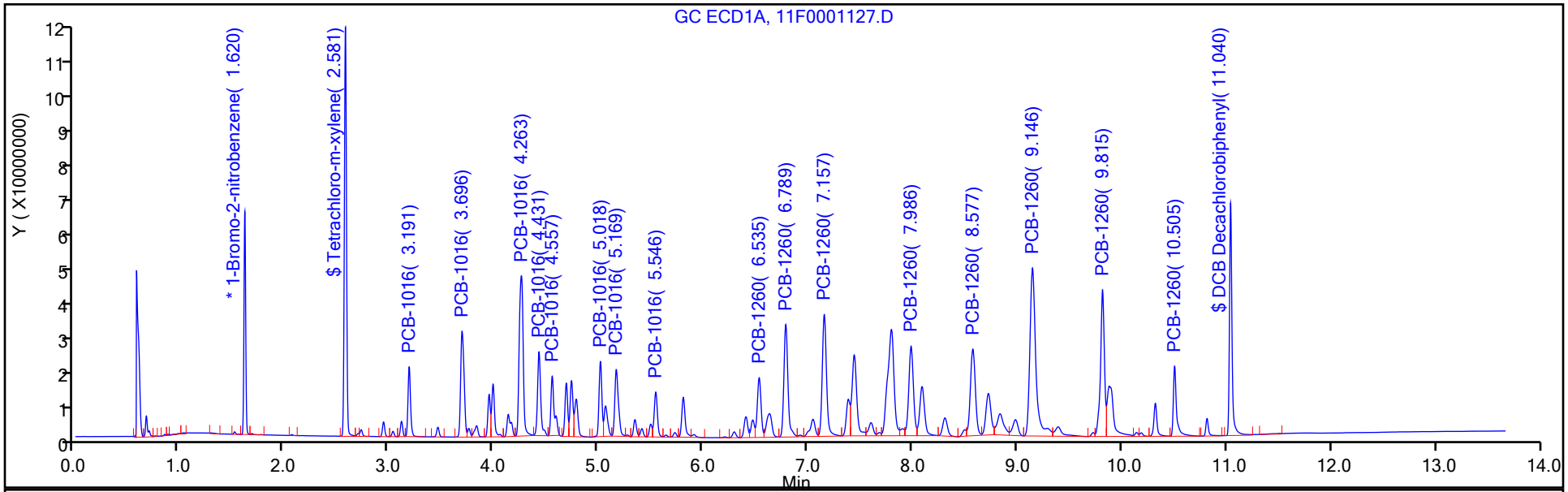
SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

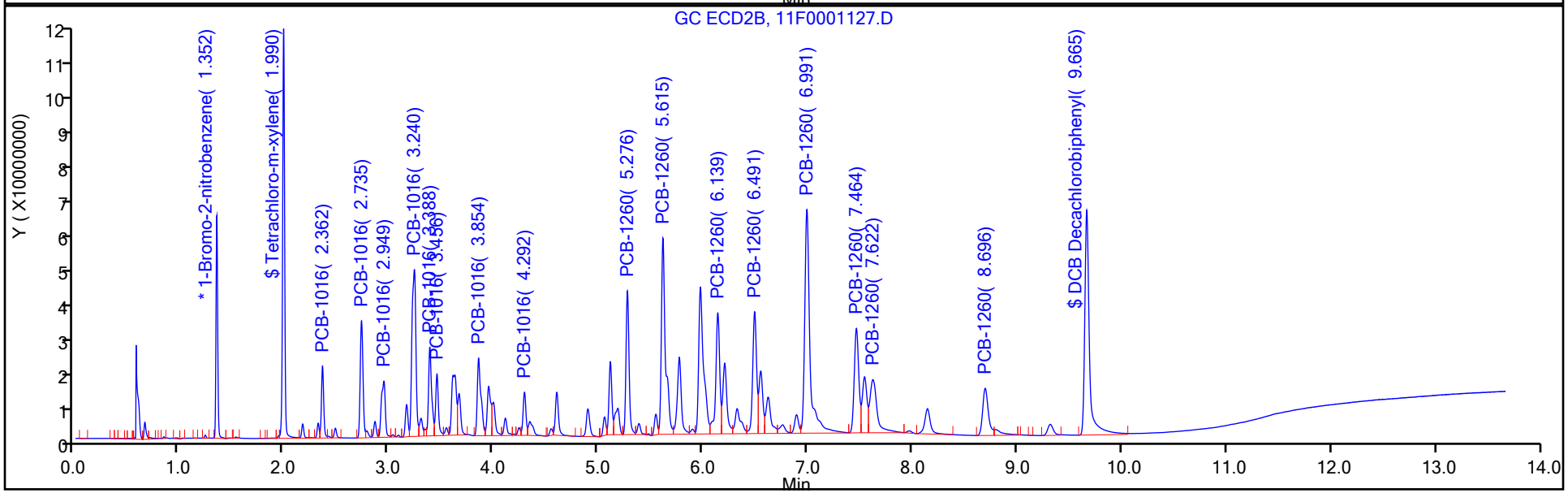
Report Date: 29-Apr-2021 10:06:09 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20210429-127793.b\11F0001127.D

Injection Date:	29-Apr-2021 06:28:52	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCSD 460-774606/3-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





PCBS ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 12/28/2020 10:30

Analysis Batch Number: 749765 End Date: 12/28/2020 14:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-749765/1		12/28/2020 10:30	1		CLP-2 0.53(mm)
PIBLK 460-749765/1		12/28/2020 10:30	1		Rtx-CLP 0.53(mm)
IC 460-749765/2 ICIS		12/28/2020 10:48	1	T1580619.D	CLP-2 0.53(mm)
IC 460-749765/2 ICIS		12/28/2020 10:48	1	T1580619.D	Rtx-CLP 0.53(mm)
IC 460-749765/3		12/28/2020 11:05	1	T1580620.D	CLP-2 0.53(mm)
IC 460-749765/3		12/28/2020 11:05	1	T1580620.D	Rtx-CLP 0.53(mm)
IC 460-749765/4		12/28/2020 11:22	1	T1580621.D	CLP-2 0.53(mm)
IC 460-749765/4		12/28/2020 11:22	1	T1580621.D	Rtx-CLP 0.53(mm)
IC 460-749765/5		12/28/2020 11:39	1	T1580622.D	CLP-2 0.53(mm)
IC 460-749765/5		12/28/2020 11:39	1	T1580622.D	Rtx-CLP 0.53(mm)
IC 460-749765/6		12/28/2020 11:56	1	T1580623.D	CLP-2 0.53(mm)
IC 460-749765/6		12/28/2020 11:56	1	T1580623.D	Rtx-CLP 0.53(mm)
ICV 460-749765/7		12/28/2020 12:13	1	T1580624.D	CLP-2 0.53(mm)
ICV 460-749765/7		12/28/2020 12:13	1	T1580624.D	Rtx-CLP 0.53(mm)
IC 460-749765/8		12/28/2020 12:30	1	T1580625.D	CLP-2 0.53(mm)
IC 460-749765/8		12/28/2020 12:30	1	T1580625.D	Rtx-CLP 0.53(mm)
IC 460-749765/9		12/28/2020 12:47	1	T1580626.D	CLP-2 0.53(mm)
IC 460-749765/9		12/28/2020 12:47	1	T1580626.D	Rtx-CLP 0.53(mm)
IC 460-749765/10		12/28/2020 13:04	1	T1580627.D	CLP-2 0.53(mm)
IC 460-749765/10		12/28/2020 13:04	1	T1580627.D	Rtx-CLP 0.53(mm)
IC 460-749765/11		12/28/2020 13:21	1	T1580628.D	CLP-2 0.53(mm)
IC 460-749765/11		12/28/2020 13:21	1	T1580628.D	Rtx-CLP 0.53(mm)
IC 460-749765/12		12/28/2020 13:38	1	T1580629.D	CLP-2 0.53(mm)
IC 460-749765/12		12/28/2020 13:38	1	T1580629.D	Rtx-CLP 0.53(mm)
IC 460-749765/13		12/28/2020 13:55	1	T1580630.D	CLP-2 0.53(mm)
IC 460-749765/13		12/28/2020 13:55	1	T1580630.D	Rtx-CLP 0.53(mm)
IC 460-749765/14		12/28/2020 14:12	1	T1580631.D	CLP-2 0.53(mm)
IC 460-749765/14		12/28/2020 14:12	1	T1580631.D	Rtx-CLP 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 04/29/2021 04:29

Analysis Batch Number: 774672 End Date: 04/29/2021 12:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-774672/1		04/29/2021 04:29	1	11F0001120.D	CLP-2 0.53(mm)
PIBLK 460-774672/1		04/29/2021 04:29	1	11F0001120.D	Rtx-CLP 0.53(mm)
CCVIS 460-774672/2		04/29/2021 04:46	1	11F0001121.D	CLP-2 0.53(mm)
CCVIS 460-774672/2		04/29/2021 04:46	1	11F0001121.D	Rtx-CLP 0.53(mm)
CCV 460-774672/4		04/29/2021 05:20	1		CLP-2 0.53(mm)
CCV 460-774672/4		04/29/2021 05:20	1		Rtx-CLP 0.53(mm)
CCV 460-774672/5		04/29/2021 05:37	1	11F0001124.D	CLP-2 0.53(mm)
CCV 460-774672/5		04/29/2021 05:37	1	11F0001124.D	Rtx-CLP 0.53(mm)
MB 460-774606/1-A		04/29/2021 05:54	1	11F0001125.D	CLP-2 0.53(mm)
MB 460-774606/1-A		04/29/2021 05:54	1	11F0001125.D	Rtx-CLP 0.53(mm)
LCS 460-774606/2-A		04/29/2021 06:11	1	11F0001126.D	CLP-2 0.53(mm)
LCS 460-774606/2-A		04/29/2021 06:11	1	11F0001126.D	Rtx-CLP 0.53(mm)
LCSD 460-774606/3-A		04/29/2021 06:28	1	11F0001127.D	CLP-2 0.53(mm)
LCSD 460-774606/3-A		04/29/2021 06:28	1	11F0001127.D	Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 06:45	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 06:45	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 07:02	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 07:02	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 07:19	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 07:19	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 07:36	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 07:36	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 07:53	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 07:53	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 08:10	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 08:10	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 08:27	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 08:27	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 08:45	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 08:45	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 09:02	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 09:02	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 09:19	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 09:19	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 09:36	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 09:36	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 09:53	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 09:53	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 10:10	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 10:10	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/29/2021 10:27	1		CLP-2 0.53(mm)
ZZZZZ		04/29/2021 10:27	1		Rtx-CLP 0.53(mm)
460-233032-1	SB-01_0-2_20210427	04/29/2021 10:44	1	11F0001142.D	CLP-2 0.53(mm)
460-233032-1	SB-01_0-2_20210427	04/29/2021 10:44	1	11F0001142.D	Rtx-CLP 0.53(mm)
460-233032-2	SB-01_4-6_20210427	04/29/2021 11:01	1	11F0001143.D	CLP-2 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 04/29/2021 04:29

Analysis Batch Number: 774672 End Date: 04/29/2021 12:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-233032-2	SB-01_4-6_20210427	04/29/2021 11:01	1	11F0001143.D	Rtx-CLP 0.53(mm)
460-233032-3	SB-02_0-2_20210427	04/29/2021 11:18	1	11F0001144.D	CLP-2 0.53(mm)
460-233032-3	SB-02_0-2_20210427	04/29/2021 11:18	1	11F0001144.D	Rtx-CLP 0.53(mm)
460-233032-4	SB-02_4-6_20210427	04/29/2021 11:35	1	11F0001145.D	CLP-2 0.53(mm)
460-233032-4	SB-02_4-6_20210427	04/29/2021 11:35	1	11F0001145.D	Rtx-CLP 0.53(mm)
460-233032-5	SB-05_0-2_20210427	04/29/2021 11:52	1	11F0001146.D	CLP-2 0.53(mm)
460-233032-5	SB-05_0-2_20210427	04/29/2021 11:52	1	11F0001146.D	Rtx-CLP 0.53(mm)
460-233032-6	SB-05_3-5_20210427	04/29/2021 12:09	1	11F0001147.D	CLP-2 0.53(mm)
460-233032-6	SB-05_3-5_20210427	04/29/2021 12:09	1	11F0001147.D	Rtx-CLP 0.53(mm)
460-233032-7	SB-06_0-2_20210427	04/29/2021 12:26	1	11F0001148.D	CLP-2 0.53(mm)
460-233032-7	SB-06_0-2_20210427	04/29/2021 12:26	1	11F0001148.D	Rtx-CLP 0.53(mm)
460-233032-8	SB-06_6-8_20210427	04/29/2021 12:43	1	11F0001149.D	CLP-2 0.53(mm)
460-233032-8	SB-06_6-8_20210427	04/29/2021 12:43	1	11F0001149.D	Rtx-CLP 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 774606 Batch Start Date: 04/28/21 18:16 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00039	OPPSTPCBSURR 00015		
MB 460-774606/1		3546, 8082A		15.00 g	10 mL		50 uL		
LCS 460-774606/2		3546, 8082A		15.00 g	10 mL	50 uL	50 uL		
LCSD 460-774606/3		3546, 8082A		15.00 g	10 mL	50 uL	50 uL		
460-233032-E-1	SB-01_0-2_20210427	3546, 8082A	T	15.00 g	10 mL		50 uL		
460-233032-E-2	SB-01_4-6_20210427	3546, 8082A	T	15.00 g	10 mL		50 uL		
460-233032-E-3	SB-02_0-2_20210427	3546, 8082A	T	15.00 g	10 mL		50 uL		
460-233032-E-4	SB-02_4-6_20210427	3546, 8082A	T	15.00 g	10 mL		50 uL		
460-233032-E-5	SB-05_0-2_20210427	3546, 8082A	T	15.00 g	10 mL		50 uL		
460-233032-E-6	SB-05_3-5_20210427	3546, 8082A	T	15.00 g	10 mL		50 uL		
460-233032-E-7	SB-06_0-2_20210427	3546, 8082A	T	15.00 g	10 mL		50 uL		
460-233032-E-8	SB-06_6-8_20210427	3546, 8082A	T	15.00 g	10 mL		50 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 774606 Batch Start Date: 04/28/21 18:16 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Batch Notes	
Batch Comment	PCB SOIL
Blank Matrix ID	181427
Analyst ID - Concentration	ARCHIE
Copper ID	LOT# 913270-BJ
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	ARCHIE
Method/Fraction	3546 / 8082 SOIL
Microwave Oven ID	MD1952/5095/4965
Na2SO4 ID	195259
Prep Solvent ID	Acetone 271760/Hexane 273964
Analyst ID - Spike Analyst	ARCHIE
Analyst ID - Spike Witness Analyst	AR
Concentration 1 Uncorrected Temperature	35 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

COVER PAGE
METALS

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233032-1

SDG No.:

Project: Brookfield Commons - 159 South Lexington

Client Sample ID	Lab Sample ID
SB-01_0-2_20210427	460-233032-1
SB-01_4-6_20210427	460-233032-2
SB-02_0-2_20210427	460-233032-3
SB-02_4-6_20210427	460-233032-4
SB-05_0-2_20210427	460-233032-5
SB-05_3-5_20210427	460-233032-6
SB-06_0-2_20210427	460-233032-7
SB-06_6-8_20210427	460-233032-8

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SB-01_0-2_20210427 Lab Sample ID: 460-233032-1

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG ID.:

Matrix: Solid Date Sampled: 04/27/2021 09:15

Reporting Basis: DRY Date Received: 04/27/2021 19:00

% Solids: 84.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	15800	19.3	2.5	mg/Kg			1	6020B
7440-36-0	Antimony	0.16	0.97	0.14	mg/Kg	J		1	6020B
7440-38-2	Arsenic	4.3	0.97	0.097	mg/Kg			1	6020B
7440-39-3	Barium	130	1.9	0.14	mg/Kg			1	6020B
7440-41-7	Beryllium	0.54	0.39	0.055	mg/Kg			1	6020B
7440-43-9	Cadmium	0.46	0.97	0.11	mg/Kg	J		1	6020B
7440-70-2	Calcium	3400	96.7	16.4	mg/Kg			1	6020B
7440-47-3	Chromium	24.7	1.9	0.17	mg/Kg			1	6020B
7440-48-4	Cobalt	9.4	1.9	0.14	mg/Kg			1	6020B
7440-50-8	Copper	21.7	1.9	0.21	mg/Kg			1	6020B
7439-89-6	Iron	25400	58.0	19.5	mg/Kg			1	6020B
7439-92-1	Lead	144	0.58	0.19	mg/Kg			1	6020B
7439-95-4	Magnesium	4380	96.7	9.9	mg/Kg			1	6020B
7439-96-5	Manganese	684	3.9	0.39	mg/Kg			1	6020B
7440-02-0	Nickel	19.0	1.9	0.19	mg/Kg			1	6020B
7440-09-7	Potassium	1690	96.7	10.8	mg/Kg			1	6020B
7782-49-2	Selenium	0.50	1.2	0.11	mg/Kg	J		1	6020B
7440-22-4	Silver	0.13	0.97	0.086	mg/Kg	J		1	6020B
7440-23-5	Sodium	116	96.7	15.1	mg/Kg			1	6020B
7440-28-0	Thallium	0.19	0.39	0.040	mg/Kg	J		1	6020B
7440-62-2	Vanadium	34.0	1.9	0.20	mg/Kg			1	6020B
7440-66-6	Zinc	165	7.7	2.2	mg/Kg			1	6020B
7439-97-6	Mercury	0.14	0.019	0.0045	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SB-01_4-6_20210427 Lab Sample ID: 460-233032-2

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG ID.:

Matrix: Solid Date Sampled: 04/27/2021 09:25

Reporting Basis: DRY Date Received: 04/27/2021 19:00

% Solids: 78.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	14200	22.8	3.0	mg/Kg			1	6020B
7440-36-0	Antimony	1.1	1.1	0.17	mg/Kg	U		1	6020B
7440-38-2	Arsenic	4.9	1.1	0.11	mg/Kg			1	6020B
7440-39-3	Barium	58.4	2.3	0.17	mg/Kg			1	6020B
7440-41-7	Beryllium	0.85	0.46	0.065	mg/Kg			1	6020B
7440-43-9	Cadmium	0.23	1.1	0.13	mg/Kg	J		1	6020B
7440-70-2	Calcium	5680	114	19.4	mg/Kg			1	6020B
7440-47-3	Chromium	20.3	2.3	0.20	mg/Kg			1	6020B
7440-48-4	Cobalt	8.4	2.3	0.17	mg/Kg			1	6020B
7440-50-8	Copper	18.9	2.3	0.25	mg/Kg			1	6020B
7439-89-6	Iron	22800	68.4	23.0	mg/Kg			1	6020B
7439-92-1	Lead	35.6	0.68	0.23	mg/Kg			1	6020B
7439-95-4	Magnesium	4860	114	11.6	mg/Kg			1	6020B
7439-96-5	Manganese	263	4.6	0.46	mg/Kg			1	6020B
7440-02-0	Nickel	20.0	2.3	0.22	mg/Kg			1	6020B
7440-09-7	Potassium	1200	114	12.8	mg/Kg			1	6020B
7782-49-2	Selenium	0.34	1.4	0.13	mg/Kg	J		1	6020B
7440-22-4	Silver	1.1	1.1	0.10	mg/Kg	U		1	6020B
7440-23-5	Sodium	708	114	17.8	mg/Kg			1	6020B
7440-28-0	Thallium	0.23	0.46	0.047	mg/Kg	J		1	6020B
7440-62-2	Vanadium	30.9	2.3	0.23	mg/Kg			1	6020B
7440-66-6	Zinc	82.6	9.1	2.6	mg/Kg			1	6020B
7439-97-6	Mercury	0.045	0.020	0.0048	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SB-02_0-2_20210427 Lab Sample ID: 460-233032-3

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG ID.:

Matrix: Solid Date Sampled: 04/27/2021 09:40

Reporting Basis: DRY Date Received: 04/27/2021 19:00

% Solids: 73.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	17300	24.9	3.2	mg/Kg			1	6020B
7440-36-0	Antimony	0.18	1.2	0.18	mg/Kg	J		1	6020B
7440-38-2	Arsenic	3.5	1.2	0.12	mg/Kg			1	6020B
7440-39-3	Barium	183	2.5	0.18	mg/Kg			1	6020B
7440-41-7	Beryllium	0.58	0.50	0.071	mg/Kg			1	6020B
7440-43-9	Cadmium	0.51	1.2	0.14	mg/Kg	J		1	6020B
7440-70-2	Calcium	5830	124	21.1	mg/Kg			1	6020B
7440-47-3	Chromium	28.3	2.5	0.22	mg/Kg			1	6020B
7440-48-4	Cobalt	9.8	2.5	0.18	mg/Kg			1	6020B
7440-50-8	Copper	317	2.5	0.27	mg/Kg			1	6020B
7439-89-6	Iron	23400	74.6	25.1	mg/Kg			1	6020B
7439-92-1	Lead	343	0.75	0.25	mg/Kg			1	6020B
7439-95-4	Magnesium	6610	124	12.7	mg/Kg			1	6020B
7439-96-5	Manganese	434	5.0	0.50	mg/Kg			1	6020B
7440-02-0	Nickel	19.5	2.5	0.24	mg/Kg			1	6020B
7440-09-7	Potassium	2260	124	13.9	mg/Kg			1	6020B
7782-49-2	Selenium	0.32	1.6	0.15	mg/Kg	J		1	6020B
7440-22-4	Silver	0.13	1.2	0.11	mg/Kg	J		1	6020B
7440-23-5	Sodium	144	124	19.4	mg/Kg			1	6020B
7440-28-0	Thallium	0.23	0.50	0.051	mg/Kg	J		1	6020B
7440-62-2	Vanadium	46.0	2.5	0.26	mg/Kg			1	6020B
7440-66-6	Zinc	206	10	2.8	mg/Kg			1	6020B
7439-97-6	Mercury	0.038	0.021	0.0049	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SB-02_4-6_20210427 Lab Sample ID: 460-233032-4

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG ID.:

Matrix: Solid Date Sampled: 04/27/2021 09:50

Reporting Basis: DRY Date Received: 04/27/2021 19:00

% Solids: 73.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	13600	21.4	2.8	mg/Kg			1	6020B
7440-36-0	Antimony	1.1	1.1	0.16	mg/Kg	U		1	6020B
7440-38-2	Arsenic	2.7	1.1	0.11	mg/Kg			1	6020B
7440-39-3	Barium	89.1	2.1	0.16	mg/Kg			1	6020B
7440-41-7	Beryllium	0.54	0.43	0.061	mg/Kg			1	6020B
7440-43-9	Cadmium	0.13	1.1	0.12	mg/Kg	J		1	6020B
7440-70-2	Calcium	3870	107	18.2	mg/Kg			1	6020B
7440-47-3	Chromium	18.8	2.1	0.19	mg/Kg			1	6020B
7440-48-4	Cobalt	7.8	2.1	0.16	mg/Kg			1	6020B
7440-50-8	Copper	23.6	2.1	0.24	mg/Kg			1	6020B
7439-89-6	Iron	19900	64.3	21.7	mg/Kg			1	6020B
7439-92-1	Lead	69.9	0.64	0.21	mg/Kg			1	6020B
7439-95-4	Magnesium	4840	107	10.9	mg/Kg			1	6020B
7439-96-5	Manganese	246	4.3	0.43	mg/Kg			1	6020B
7440-02-0	Nickel	14.5	2.1	0.21	mg/Kg			1	6020B
7440-09-7	Potassium	1970	107	12.0	mg/Kg			1	6020B
7782-49-2	Selenium	0.24	1.3	0.13	mg/Kg	J		1	6020B
7440-22-4	Silver	1.1	1.1	0.095	mg/Kg	U		1	6020B
7440-23-5	Sodium	159	107	16.7	mg/Kg			1	6020B
7440-28-0	Thallium	0.15	0.43	0.044	mg/Kg	J		1	6020B
7440-62-2	Vanadium	29.7	2.1	0.22	mg/Kg			1	6020B
7440-66-6	Zinc	82.1	8.6	2.5	mg/Kg			1	6020B
7439-97-6	Mercury	0.051	0.021	0.0050	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SB-05_0-2_20210427 Lab Sample ID: 460-233032-5

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG ID.:

Matrix: Solid Date Sampled: 04/27/2021 10:21

Reporting Basis: DRY Date Received: 04/27/2021 19:00

% Solids: 87.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6260	106	13.7	mg/Kg			5	6020B
7440-36-0	Antimony	5.3	5.3	0.77	mg/Kg	U		5	6020B
7440-38-2	Arsenic	8.3	5.3	0.53	mg/Kg			5	6020B
7440-39-3	Barium	217	10.6	0.77	mg/Kg			5	6020B
7440-41-7	Beryllium	2.1	2.1	0.30	mg/Kg	U		5	6020B
7440-43-9	Cadmium	1.6	5.3	0.60	mg/Kg	J		5	6020B
7440-70-2	Calcium	31400	528	89.8	mg/Kg			5	6020B
7440-47-3	Chromium	21.4	10.6	0.92	mg/Kg			5	6020B
7440-48-4	Cobalt	6.4	10.6	0.78	mg/Kg	J		5	6020B
7440-50-8	Copper	58.1	10.6	1.2	mg/Kg			5	6020B
7439-89-6	Iron	18400	317	107	mg/Kg			5	6020B
7439-92-1	Lead	635	3.2	1.1	mg/Kg			5	6020B
7439-95-4	Magnesium	6000	528	53.9	mg/Kg			5	6020B
7439-96-5	Manganese	269	21.1	2.1	mg/Kg			5	6020B
7440-02-0	Nickel	18.7	10.6	1.0	mg/Kg			5	6020B
7440-09-7	Potassium	1330	528	59.1	mg/Kg			5	6020B
7782-49-2	Selenium	0.70	6.6	0.62	mg/Kg	J		5	6020B
7440-22-4	Silver	5.3	5.3	0.47	mg/Kg	U		5	6020B
7440-23-5	Sodium	163	528	82.4	mg/Kg	J		5	6020B
7440-28-0	Thallium	2.1	2.1	0.22	mg/Kg	U		5	6020B
7440-62-2	Vanadium	20.6	10.6	1.1	mg/Kg			5	6020B
7440-66-6	Zinc	425	42.2	12.1	mg/Kg			5	6020B
7439-97-6	Mercury	0.78	0.018	0.0043	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SB-05_3-5_20210427 Lab Sample ID: 460-233032-6

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG ID.:

Matrix: Solid Date Sampled: 04/27/2021 10:30

Reporting Basis: DRY Date Received: 04/27/2021 19:00

% Solids: 85.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10300	110	14.3	mg/Kg			6	6020B
7440-36-0	Antimony	9.1	5.5	0.80	mg/Kg			6	6020B
7440-38-2	Arsenic	5.7	5.5	0.55	mg/Kg			6	6020B
7440-39-3	Barium	193	11.0	0.80	mg/Kg			6	6020B
7440-41-7	Beryllium	0.32	2.2	0.31	mg/Kg	J		6	6020B
7440-43-9	Cadmium	0.81	5.5	0.62	mg/Kg	J		6	6020B
7440-70-2	Calcium	41100	551	93.6	mg/Kg			6	6020B
7440-47-3	Chromium	24.2	11.0	0.96	mg/Kg			6	6020B
7440-48-4	Cobalt	7.6	11.0	0.82	mg/Kg	J		6	6020B
7440-50-8	Copper	50.9	11.0	1.2	mg/Kg			6	6020B
7439-89-6	Iron	18900	331	111	mg/Kg			6	6020B
7439-92-1	Lead	753	3.3	1.1	mg/Kg			6	6020B
7439-95-4	Magnesium	8170	551	56.2	mg/Kg			6	6020B
7439-96-5	Manganese	287	22.0	2.2	mg/Kg			6	6020B
7440-02-0	Nickel	19.3	11.0	1.1	mg/Kg			6	6020B
7440-09-7	Potassium	2950	551	61.7	mg/Kg			6	6020B
7782-49-2	Selenium	6.9	6.9	0.65	mg/Kg	U		6	6020B
7440-22-4	Silver	2.3	5.5	0.49	mg/Kg	J		6	6020B
7440-23-5	Sodium	338	551	85.9	mg/Kg	J		6	6020B
7440-28-0	Thallium	2.2	2.2	0.23	mg/Kg	U		6	6020B
7440-62-2	Vanadium	30.9	11.0	1.1	mg/Kg			6	6020B
7440-66-6	Zinc	201	44.1	12.6	mg/Kg			6	6020B
7439-97-6	Mercury	0.39	0.019	0.0046	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SB-06_0-2_20210427 Lab Sample ID: 460-233032-7

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG ID.:

Matrix: Solid Date Sampled: 04/27/2021 13:05

Reporting Basis: DRY Date Received: 04/27/2021 19:00

% Solids: 85.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	12600	126	16.4	mg/Kg			7	6020B
7440-36-0	Antimony	6.3	6.3	0.92	mg/Kg	U		7	6020B
7440-38-2	Arsenic	10	6.3	0.63	mg/Kg			7	6020B
7440-39-3	Barium	282	12.6	0.92	mg/Kg			7	6020B
7440-41-7	Beryllium	0.66	2.5	0.36	mg/Kg	J		7	6020B
7440-43-9	Cadmium	0.81	6.3	0.71	mg/Kg	J		7	6020B
7440-70-2	Calcium	22800	632	107	mg/Kg			7	6020B
7440-47-3	Chromium	22.3	12.6	1.1	mg/Kg			7	6020B
7440-48-4	Cobalt	9.3	12.6	0.94	mg/Kg	J		7	6020B
7440-50-8	Copper	47.3	12.6	1.4	mg/Kg			7	6020B
7439-89-6	Iron	18200	379	128	mg/Kg			7	6020B
7439-92-1	Lead	567	3.8	1.3	mg/Kg			7	6020B
7439-95-4	Magnesium	5580	632	64.5	mg/Kg			7	6020B
7439-96-5	Manganese	318	25.3	2.5	mg/Kg			7	6020B
7440-02-0	Nickel	20.5	12.6	1.2	mg/Kg			7	6020B
7440-09-7	Potassium	1840	632	70.8	mg/Kg			7	6020B
7782-49-2	Selenium	1.9	7.9	0.75	mg/Kg	J		7	6020B
7440-22-4	Silver	6.3	6.3	0.56	mg/Kg	U		7	6020B
7440-23-5	Sodium	289	632	98.6	mg/Kg	J		7	6020B
7440-28-0	Thallium	2.5	2.5	0.26	mg/Kg	U		7	6020B
7440-62-2	Vanadium	35.6	12.6	1.3	mg/Kg			7	6020B
7440-66-6	Zinc	410	50.6	14.5	mg/Kg			7	6020B
7439-97-6	Mercury	0.78	0.019	0.0044	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SB-06_6-8_20210427 Lab Sample ID: 460-233032-8

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG ID.:

Matrix: Solid Date Sampled: 04/27/2021 13:15

Reporting Basis: DRY Date Received: 04/27/2021 19:00

% Solids: 89.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	11400	16.8	2.2	mg/Kg			1	6020B
7440-36-0	Antimony	0.84	0.84	0.12	mg/Kg	U		1	6020B
7440-38-2	Arsenic	1.5	0.84	0.084	mg/Kg			1	6020B
7440-39-3	Barium	60.0	1.7	0.12	mg/Kg			1	6020B
7440-41-7	Beryllium	0.42	0.34	0.048	mg/Kg			1	6020B
7440-43-9	Cadmium	0.84	0.84	0.095	mg/Kg	U		1	6020B
7440-70-2	Calcium	6440	83.8	14.3	mg/Kg			1	6020B
7440-47-3	Chromium	20.8	1.7	0.15	mg/Kg			1	6020B
7440-48-4	Cobalt	8.2	1.7	0.12	mg/Kg			1	6020B
7440-50-8	Copper	20.6	1.7	0.18	mg/Kg			1	6020B
7439-89-6	Iron	18500	50.3	16.9	mg/Kg			1	6020B
7439-92-1	Lead	6.6	0.50	0.17	mg/Kg			1	6020B
7439-95-4	Magnesium	6600	83.8	8.6	mg/Kg			1	6020B
7439-96-5	Manganese	302	3.4	0.34	mg/Kg			1	6020B
7440-02-0	Nickel	16.4	1.7	0.16	mg/Kg			1	6020B
7440-09-7	Potassium	3010	83.8	9.4	mg/Kg			1	6020B
7782-49-2	Selenium	1.0	1.0	0.099	mg/Kg	U		1	6020B
7440-22-4	Silver	0.84	0.84	0.075	mg/Kg	U		1	6020B
7440-23-5	Sodium	599	83.8	13.1	mg/Kg			1	6020B
7440-28-0	Thallium	0.19	0.34	0.034	mg/Kg	J		1	6020B
7440-62-2	Vanadium	28.5	1.7	0.17	mg/Kg			1	6020B
7440-66-6	Zinc	39.1	6.7	1.9	mg/Kg			1	6020B
7439-97-6	Mercury	0.018	0.018	0.0042	mg/Kg	U		1	7471B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

ICV Source: ME_ICV_00033 Concentration Units: ug/L

CCV Source: ME_Cal4_00056

Analyte	ICV 460-775294/7 05/02/2021 08:24				CCV 460-775294/19 05/02/2021 08:50				CCV 460-775294/30 05/02/2021 09:24			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	20060		20000	100	25210		25000	101	25770		25000	103
Antimony	81.70		80.0	102	102.6		100	103	99.12		100	99
Arsenic	81.34		80.0	102	100.7		100	101	101.5		100	101
Barium	79.14		80.0	99	96.29		100	96	95.22		100	95
Beryllium	80.96		80.0	101	94.91		100	95	93.29		100	93
Cadmium	79.95		80.0	100	100.7		100	101	97.48		100	97
Calcium	19980		20000	100	24890		25000	100	24880		25000	100
Chromium	79.52		80.0	99	100.5		100	101	100.7		100	101
Cobalt	81.40		80.0	102	100.3		100	100	101.7		100	102
Copper	80.56		80.0	101	99.83		100	100	99.78		100	100
Iron	20050		20000	100	24820		25000	99	25610		25000	102
Lead	79.04		80.0	99	98.37		100	98	98.13		100	98
Magnesium	20820		20000	104	26430		25000	106	26650		25000	107
Manganese	79.38		80.0	99	98.45		100	98	99.97		100	100
Nickel	80.87		80.0	101	98.92		100	99	102.2		100	102
Potassium	20060		20000	100	25050		25000	100	25430		25000	102
Selenium	83.12		80.0	104	97.97		100	98	99.51		100	100
Silver	40.46		40.0	101	50.30		50.0	101	49.59		50.0	99
Sodium	20560		20000	103	25940		25000	104	26070		25000	104
Thallium	78.47		80.0	98	97.44		100	97	98.51		100	99
Vanadium	81.02		80.0	101	99.20		100	99	99.53		100	100
Zinc	204.9		200	102	252.4		250	101	247.6		250	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

ICV Source: ME_ICV_00033 Concentration Units: ug/L

CCV Source: ME_Cal4_00056

Analyte	CCV 460-775294/42 05/02/2021 09:50				CCV 460-775294/54 05/02/2021 10:16				CCV 460-775294/76 05/02/2021 11:03			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	24710		25000	99	25300		25000	101	25580		25000	102
Antimony	100.1		100	100	101.8		100	102	102.7		100	103
Arsenic	98.52		100	99	103.7		100	104	100.0		100	100
Barium	95.71		100	96	97.89		100	98	97.10		100	97
Beryllium	97.38		100	97	95.79		100	96	100.2		100	100
Cadmium	100.1		100	100	97.95		100	98	98.36		100	98
Calcium	26910		25000	108	24830		25000	99	24870		25000	99
Chromium	98.48		100	98	103.0		100	103	102.9		100	103
Cobalt	98.13		100	98	103.1		100	103	102.3		100	102
Copper	98.08		100	98	101.7		100	102	100.8		100	101
Iron	27330		25000	109	26580		25000	106	24900		25000	100
Lead	97.89		100	98	99.05		100	99	98.97		100	99
Magnesium	25750		25000	103	26930		25000	108	27430		25000	110
Manganese	98.22		100	98	99.49		100	99	101.4		100	101
Nickel	99.24		100	99	103.0		100	103	103.9		100	104
Potassium	24570		25000	98	25160		25000	101	25470		25000	102
Selenium	109.3		100	109	102.1		100	102	103.8		100	104
Silver	49.70		50.0	99	50.03		50.0	100	50.83		50.0	102
Sodium	25240		25000	101	26270		25000	105	26580		25000	106
Thallium	97.68		100	98	98.74		100	99	100.2		100	100
Vanadium	97.11		100	97	100.5		100	101	101.4		100	101
Zinc	241.2		250	96	253.3		250	101	249.6		250	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

ICV Source: ME_ICV_00033 Concentration Units: ug/L

CCV Source: ME_Cal4_00056

Analyte	CCV 460-775294/88 05/02/2021 11:29				CCV 460-775294/100 05/02/2021 11:55				CCV 460-775294/112 05/02/2021 12:21			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	25780		25000	103	26100		25000	104	25080		25000	100
Antimony	103.3		100	103	103.3		100	103	103.1		100	103
Arsenic	103.6		100	104	106.0		100	106	98.84		100	99
Barium	97.99		100	98	100.6		100	101	94.18		100	94
Beryllium	98.81		100	99	101.0		100	101	99.34		100	99
Cadmium	104.6		100	105	102.4		100	102	101.4		100	101
Calcium	25480		25000	102	25680		25000	103	24560		25000	98
Chromium	104.0		100	104	105.9		100	106	101.4		100	101
Cobalt	103.9		100	104	103.8		100	104	101.6		100	102
Copper	104.8		100	105	105.5		100	105	101.0		100	101
Iron	25440		25000	102	25640		25000	103	24740		25000	99
Lead	100.5		100	100	102.6		100	103	99.66		100	100
Magnesium	27430		25000	110	27570		25000	110	26830		25000	107
Manganese	101.8		100	102	106.9		100	107	100.5		100	100
Nickel	103.6		100	104	106.4		100	106	102.1		100	102
Potassium	25920		25000	104	26130		25000	105	25090		25000	100
Selenium	109.8		100	110	103.5		100	104	104.9		100	105
Silver	52.73		50.0	105	52.66		50.0	105	51.55		50.0	103
Sodium	26530		25000	106	26920		25000	108	26740		25000	107
Thallium	101.1		100	101	104.7		100	105	100.5		100	101
Vanadium	103.3		100	103	104.1		100	104	98.01		100	98
Zinc	251.5		250	101	261.4		250	105	244.5		250	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

ICV Source: ME_DQCS-INT_03532 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_03795

Analyte	ICV 460-775032/7 04/30/2021 06:47				CCV 460-775032/9 04/30/2021 06:51				CCV 460-775032/21 04/30/2021 07:14			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.06		5.00	101	5.13		5.00	103	5.19		5.00	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

ICV Source: ME_DQCS-INT_03532 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_03795

Analyte	CCV 460-775032/33 04/30/2021 07:37											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.15		5.00	103								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-775294/8 05/02/2021 08:27		CCB 460-775294/20 05/02/2021 08:53		CCB 460-775294/31 05/02/2021 09:26		CCB 460-775294/43 05/02/2021 09:52	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U	200	U
Antimony	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Arsenic	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Barium	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Beryllium	4.0	4.0	U	4.0	U	4.0	U	4.0	U
Cadmium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Calcium	1000	1000	U	1000	U	1000	U	1000	U
Chromium	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Cobalt	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Copper	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Iron	600	600	U	600	U	600	U	600	U
Lead	6.0	6.0	U	6.0	U	6.0	U	6.0	U
Magnesium	1000	1000	U	1000	U	1000	U	1000	U
Manganese	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Nickel	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Potassium	1000	1000	U	1000	U	1000	U	1000	U
Selenium	12.5	12.5	U	12.5	U	12.5	U	12.5	U
Silver	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Sodium	1000	1000	U	1000	U	1000	U	1000	U
Thallium	4.0	4.0	U	4.0	U	4.0	U	4.0	U
Vanadium	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Zinc	80.0	80.0	U	80.0	U	80.0	U	80.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-775294/55 05/02/2021 10:18		CCB 460-775294/77 05/02/2021 11:05		CCB 460-775294/89 05/02/2021 11:31		CCB 460-775294/101 05/02/2021 11:57	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U	200	U
Antimony	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Arsenic	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Barium	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Beryllium	4.0	4.0	U	4.0	U	4.0	U	4.0	U
Cadmium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Calcium	1000	1000	U	1000	U	1000	U	1000	U
Chromium	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Cobalt	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Copper	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Iron	600	600	U	600	U	600	U	600	U
Lead	6.0	6.0	U	6.0	U	6.0	U	6.0	U
Magnesium	1000	1000	U	1000	U	1000	U	1000	U
Manganese	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Nickel	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Potassium	1000	1000	U	1000	U	1000	U	1000	U
Selenium	12.5	12.5	U	12.5	U	12.5	U	12.5	U
Silver	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Sodium	1000	1000	U	1000	U	1000	U	1000	U
Thallium	4.0	4.0	U	4.0	U	4.0	U	4.0	U
Vanadium	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Zinc	80.0	80.0	U	80.0	U	80.0	U	80.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-775294/113 05/02/2021 12:23							
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U						
Antimony	10.0	10.0	U						
Arsenic	10.0	10.0	U						
Barium	20.0	20.0	U						
Beryllium	4.0	4.0	U						
Cadmium	10.0	10.0	U						
Calcium	1000	1000	U						
Chromium	20.0	20.0	U						
Cobalt	20.0	20.0	U						
Copper	20.0	20.0	U						
Iron	600	600	U						
Lead	6.0	6.0	U						
Magnesium	1000	1000	U						
Manganese	40.0	40.0	U						
Nickel	20.0	20.0	U						
Potassium	1000	121.1	J						
Selenium	12.5	12.5	U						
Silver	10.0	10.0	U						
Sodium	1000	1000	U						
Thallium	4.0	4.0	U						
Vanadium	20.0	20.0	U						
Zinc	80.0	80.0	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-775032/8 04/30/2021 06:49		CCB 460-775032/10 04/30/2021 06:53		CCB 460-775032/22 04/30/2021 07:16		CCB 460-775032/34 04/30/2021 07:39	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-775265/1-A

Instrument Code: ICPMS4 Batch No.: 775294

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	20.0	U		6020B
7440-36-0	Antimony	1.0	U		6020B
7440-38-2	Arsenic	1.0	U		6020B
7440-39-3	Barium	2.0	U		6020B
7440-41-7	Beryllium	0.40	U		6020B
7440-43-9	Cadmium	1.0	U		6020B
7440-70-2	Calcium	100	U		6020B
7440-47-3	Chromium	2.0	U		6020B
7440-48-4	Cobalt	2.0	U		6020B
7440-50-8	Copper	2.0	U		6020B
7439-89-6	Iron	60.0	U		6020B
7439-92-1	Lead	0.60	U		6020B
7439-95-4	Magnesium	100	U		6020B
7439-96-5	Manganese	4.0	U		6020B
7440-02-0	Nickel	2.0	U		6020B
7440-09-7	Potassium	100	U		6020B
7782-49-2	Selenium	1.3	U		6020B
7440-22-4	Silver	1.0	U		6020B
7440-23-5	Sodium	100	U		6020B
7440-28-0	Thallium	0.40	U		6020B
7440-62-2	Vanadium	2.0	U		6020B
7440-66-6	Zinc	8.0	U		6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-774929/10-A

Instrument Code: LEEMAN7 Batch No.: 775032

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.017	U		7471B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICSA 460-775294/10 Instrument ID: ICPMS4

Lab File ID: 013ICSA.d ICS Source: ME_ICSA_00094

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**100000**	**102002**	**102**
Antimony		**0.0890**	
Arsenic		**0.0890**	
Barium		**1.83**	
Beryllium		**-0.0010**	
Cadmium		**0.379**	
Calcium	**100000**	**99644**	**100**
Chromium		**1.21**	
Cobalt		**1.37**	
Copper		**0.798**	
Iron	**100000**	**102426**	**102**
Lead		**0.412**	
Magnesium	**100000**	**103443**	**103**
Manganese		**0.455**	
Nickel		**0.425**	
Potassium	**100000**	**104269**	**104**
Selenium		**0.0560**	
Silver		**0.0340**	
Sodium	**100000**	**103131**	**103**
Thallium		**-0.0520**	
Vanadium		**-0.129**	
Zinc		**1.11**	
Boron		*5.74*	
Molybdenum	*2000*	*2094*	*105*
Strontium		*4.86*	
Tin		*-0.0550*	
Titanium	*2000*	*2079*	*104*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Lab Sample ID: ICSAB 460-775294/11 Instrument ID: ICPMS4

Lab File ID: 014ICSB.d ICS Source: ME_ICSAB_00056

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**100000**	**100412**	**100**
Antimony	**100**	**106**	**106**
Arsenic	**200**	**212**	**106**
Barium	**200**	**213**	**106**
Beryllium	**200**	**202**	**101**
Cadmium	**200**	**212**	**106**
Calcium	**100000**	**100671**	**101**
Chromium	**200**	**205**	**102**
Cobalt	**200**	**204**	**102**
Copper	**200**	**203**	**102**
Iron	**100000**	**105969**	**106**
Lead	**200**	**211**	**105**
Magnesium	**100000**	**101704**	**102**
Manganese	**200**	**207**	**103**
Nickel	**200**	**205**	**103**
Potassium	**100000**	**100380**	**100**
Selenium	**200**	**212**	**106**
Silver	**200**	**199**	**99**
Sodium	**100000**	**101207**	**101**
Thallium	**100**	**104**	**104**
Vanadium	**200**	**210**	**105**
Zinc	**200**	**200**	
Boron		*3.97*	
Molybdenum	*2000*	*2165*	*108*
Strontium	*200*	*218*	*109*
Tin	*200*	*215*	
Titanium	*2000*	*2031*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: SB-01_0-2_20210427 MS
Lab ID: 460-233032-1 MS
Lab Name: Eurofins TestAmerica, Edison
Job No.: 460-233032-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 84.1

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	16410		15800		461	142	75-125	4	6020B
Antimony	1.23		0.16	J	4.61	23	75-125	N	6020B
Arsenic	12.85		4.3		9.22	93	75-125		6020B
Barium	126.5		130		9.22	-34	75-125	4	6020B
Beryllium	4.91		0.54		4.61	95	75-125		6020B
Cadmium	4.85		0.46	J	4.61	95	75-125		6020B
Calcium	4029		3400		461	136	75-125	4	6020B
Chromium	33.46		24.7		9.22	95	75-125		6020B
Cobalt	12.51		9.4		4.61	68	75-125	N	6020B
Copper	29.61		21.7		9.22	86	75-125		6020B
Iron	24360		25400		461	-225	75-125	4	6020B
Lead	150.7		144		4.61	149	75-125	4	6020B
Magnesium	4974		4380		461	129	75-125	4	6020B
Manganese	482.1		684		46.1	-439	75-125	4	6020B
Nickel	27.53		19.0		9.22	93	75-125		6020B
Potassium	2086		1690		461	85	75-125		6020B
Selenium	8.73		0.50	J	9.22	89	75-125		6020B
Silver	4.55		0.13	J	4.61	96	75-125		6020B
Sodium	599.8		116		461	105	75-125		6020B
Thallium	3.65		0.19	J	3.69	94	75-125		6020B
Vanadium	42.37		34.0		9.22	91	75-125		6020B
Zinc	209.9		165		46.1	98	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: SB-01_0-2_20210427 PDS
Lab ID: 460-233032-1 PDS
Lab Name: Eurofins TestAmerica, Edison
Job No.: 460-233032-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	15770		15800		242	NC	75-125		6020B
Antimony	2.69		0.16	J	2.42	105	75-125		6020B
Arsenic	8.97		4.3		4.83	97	75-125		6020B
Barium	130.2		130		4.83	NC	75-125		6020B
Beryllium	2.92		0.54		2.42	98	75-125		6020B
Cadmium	2.94		0.46	J	2.42	103	75-125		6020B
Calcium	3480		3400		242	NC	75-125		6020B
Chromium	29.86		24.7		4.83	107	75-125		6020B
Cobalt	11.85		9.4		2.42	102	75-125		6020B
Copper	26.18		21.7		4.83	93	75-125		6020B
Iron	24720		25400		242	NC	75-125		6020B
Lead	147.5		144		2.42	NC	75-125		6020B
Magnesium	4616		4380		242	NC	75-125		6020B
Manganese	692.4		684		24.2	NC	75-125		6020B
Nickel	23.75		19.0		4.83	99	75-125		6020B
Potassium	1931		1690		242	98	75-125		6020B
Selenium	5.36		0.50	J	4.83	100	75-125		6020B
Silver	2.43		0.13	J	2.42	95	75-125		6020B
Sodium	373.2		116		242	106	75-125		6020B
Thallium	2.16		0.19	J	1.93	102	75-125		6020B
Vanadium	38.83		34.0		4.83	100	75-125		6020B
Zinc	189.9		165		24.2	104	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: SB-01_0-2_20210427 DU
Lab ID: 460-233032-1 DU
Lab Name: Eurofins TestAmerica, Edison
Job No.: 460-233032-1
SDG No.:
% Solids for Sample: 84.1
% Solids for Duplicate: 84.1
Matrix: Solid
Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	18.7	15800		15600		1		6020B
Antimony	0.94	0.16	J	0.152	J	8		6020B
Arsenic	0.94	4.3		4.38		2		6020B
Barium	1.9	130		121.3		7		6020B
Beryllium	0.37	0.54		0.522		4		6020B
Cadmium	0.94	0.46	J	0.421	J	8		6020B
Calcium	93.6	3400		3850		12		6020B
Chromium	1.9	24.7		24.70		0.05		6020B
Cobalt	1.9	9.4		8.77		7		6020B
Copper	1.9	21.7		21.95		1		6020B
Iron	56.2	25400		25590		0.8		6020B
Lead	0.56	144		145.3		1		6020B
Magnesium	93.6	4380		4288		2		6020B
Manganese	3.7	684		541.3		23	*	6020B
Nickel	1.9	19.0		18.35		3		6020B
Potassium	93.6	1690		1609		5		6020B
Selenium	1.2	0.50	J	0.475	J	6		6020B
Silver	0.94	0.13	J	0.115	J	9		6020B
Sodium	93.6	116		118.7		2		6020B
Thallium	0.37	0.19	J	0.176	J	5		6020B
Vanadium	1.9	34.0		34.52		2		6020B
Zinc	7.5	165		171.3		4		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-775294/12

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum		200	U					6020B
Antimony		10.0	U					6020B
Arsenic	5000	5283		106	90	110		6020B
Barium	20000	19810		99	90	110		6020B
Beryllium	2000	1854		93	90	110		6020B
Cadmium	5000	5354		107	90	110		6020B
Calcium		1000	U					6020B
Chromium	20000	19980		100	90	110		6020B
Cobalt	2000	1986		99	90	110		6020B
Copper	20000	19660		98	90	110		6020B
Iron		600	U					6020B
Lead	20000	18420		92	90	110		6020B
Magnesium		1000	U					6020B
Manganese	10000	10180		102	90	110		6020B
Nickel	20000	20390		102	90	110		6020B
Potassium		1000	U					6020B
Selenium	2000	2086		104	90	110		6020B
Silver		10.0	U					6020B
Sodium		1000	U					6020B
Thallium	1000	974.4		97	90	110		6020B
Vanadium	5000	5113		102	90	110		6020B
Zinc	20000	19050		95	90	110		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-775294/13

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

Sample Matrix: LCS Source: me_LR-B_00004

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	200000	201900		101	90	110		6020B
Antimony		10.0	U					6020B
Arsenic		10.0	U					6020B
Barium		1.78	J					6020B
Beryllium		4.0	U					6020B
Cadmium		10.0	U					6020B
Calcium	500000	502700		101	90	110		6020B
Chromium		4.32	J					6020B
Cobalt		5.43	J					6020B
Copper		3.05	J					6020B
Iron	500000	501800		100	90	110		6020B
Lead		2.66	J					6020B
Magnesium	500000	510300		102	90	110		6020B
Manganese		40.0	U					6020B
Nickel		20.0	U					6020B
Potassium	500000	492700		99	90	110		6020B
Selenium		12.5	U					6020B
Silver		10.0	U					6020B
Sodium	500000	500300		100	90	110		6020B
Thallium		4.0	U					6020B
Vanadium		20.0	U					6020B
Zinc		80.0	U					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-775265/2-A ^5

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

Sample Matrix: Solid LCS Source: ME_LCSS_108_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	8190	8773		107.1	48.7	151.4		6020B
Antimony	110	69.13		62.8	3.6	210.9		6020B
Arsenic	162	174.2		107.5	82.7	117.9		6020B
Barium	138	139.1		100.8	82.6	117.4		6020B
Beryllium	157	160.3		102.1	82.8	117.2		6020B
Cadmium	135	140.2		103.9	82.2	117.0		6020B
Calcium	4790	5007		104.5	81.6	118.2		6020B
Chromium	117	122.8		105.0	82.0	117.9		6020B
Cobalt	92.6	98.66		106.5	83.4	116.6		6020B
Copper	143	147.0		102.8	83.2	116.1		6020B
Iron	15100	15910		105.4	63.0	137.1		6020B
Lead	77.6	81.40		104.9	83.4	116.5		6020B
Magnesium	2320	2548		109.8	75.9	124.1		6020B
Manganese	319	354.6		111.2	82.1	118.2		6020B
Nickel	79.9	86.15		107.8	82.1	117.9		6020B
Potassium	2050	2113		103.1	70.2	129.8		6020B
Selenium	172	192.5		111.9	79.1	120.9		6020B
Silver	24.7	25.55		103.4	80.6	119.8		6020B
Sodium	137	142.1	J	103.7	72.1	127.7		6020B
Thallium	88.0	93.12		105.8	80.7	119.3		6020B
Vanadium	99.9	105.0		105.1	79.0	121.1		6020B
Zinc	312	320.7		102.8	80.4	119.6		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-774929/11-A ^40

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

Sample Matrix: Solid LCS Source: ME_LCSS_108_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	27.2	28.34		104.2	72.4	127.6		7471B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-233032-1

SDG No:

Lab Name: Eurofins TestAmerica, Edison Job No: 460-233032-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	15800		16740		6.2		6020B
Antimony	0.16	J	4.8	U	NC		6020B
Arsenic	4.3		4.39	J	NC		6020B
Barium	130		130.0		NC		6020B
Beryllium	0.54		0.535	J	NC		6020B
Cadmium	0.46	J	4.8	U	NC		6020B
Calcium	3400		3565		NC		6020B
Chromium	24.7		26.18		NC		6020B
Cobalt	9.4		10.24		NC		6020B
Copper	21.7		23.10		NC		6020B
Iron	25400		27030		6.4		6020B
Lead	144		153.7		6.9		6020B
Magnesium	4380		4822		NC		6020B
Manganese	684		719.0		5.1		6020B
Nickel	19.0		19.84		NC		6020B
Potassium	1690		1780		NC		6020B
Selenium	0.50	J	6.0	U	NC		6020B
Silver	0.13	J	4.8	U	NC		6020B
Sodium	116		115.2	J	NC		6020B
Thallium	0.19	J	1.9	U	NC		6020B
Vanadium	34.0		35.91		NC		6020B
Zinc	165		179.3		NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233032-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS4

Method: 6020B MDL Date: 07/09/2020 16:13

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Aluminum		20	2.6
Antimony		1	0.146
Arsenic		1	0.1
Barium		2	0.145
Beryllium		0.4	0.057
Cadmium		1	0.113
Calcium		100	17
Chromium		2	0.174
Cobalt		2	0.148
Copper		2	0.22
Iron		60	20.2
Lead		0.6	0.2
Magnesium		100	10.2
Manganese		4	0.403
Nickel		2	0.194
Potassium		100	11.2
Selenium		1.25	0.118
Silver		1	0.089
Sodium		100	15.6
Thallium		0.4	0.041
Vanadium		2	0.206
Zinc		8	2.29

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233032-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS4

Method: 6020B XMDL Date: 07/09/2020 16:13

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	26
Antimony		10	1.46
Arsenic		10	1
Barium		20	1.45
Beryllium		4	0.57
Cadmium		10	1.13
Calcium		1000	170
Chromium		20	1.74
Cobalt		20	1.48
Copper		20	2.2
Iron		600	202
Lead		6	2
Magnesium		1000	102
Manganese		40	4.03
Nickel		20	1.94
Potassium		1000	112
Selenium		12.5	1.18
Silver		10	0.89
Sodium		1000	156
Thallium		4	0.41
Vanadium		20	2.06
Zinc		80	22.9

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233032-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN7

Method: 7471B MDL Date: 02/28/2020 10:38

Prep Method: 7471B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.017	0.004

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233032-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN7

Method: 7471B XMDL Date: 01/13/2020 12:26

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.091

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins TestAmerica, Edison Job No: 460-233032-1

SDG No.:

Instrument ID: ICPMS4 Date: 07/09/2020 16:09

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		200000	6020B
Antimony		200	6020B
Arsenic		5000	6020B
Barium		20000	6020B
Beryllium		2000	6020B
Cadmium		5000	6020B
Calcium		500000	6020B
Chromium		20000	6020B
Cobalt		2000	6020B
Copper		20000	6020B
Iron		500000	6020B
Lead		20000	6020B
Magnesium		500000	6020B
Manganese		10000	6020B
Nickel		20000	6020B
Potassium		500000	6020B
Selenium		2000	6020B
Silver		100	6020B
Sodium		500000	6020B
Thallium		1000	6020B
Vanadium		5000	6020B
Zinc		20000	6020B

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-775265/1-A	05/01/2021 17:40	775265	1.00		100
LCSSRM 460-775265/2-A ^5	05/01/2021 17:40	775265	1.03		100
460-233032-1	05/01/2021 17:40	775265	1.23		100
460-233032-1 DU	05/01/2021 17:40	775265	1.27		100
460-233032-1 MS	05/01/2021 17:40	775265	1.29		100
460-233032-2	05/01/2021 17:40	775265	1.12		100
460-233032-3	05/01/2021 17:40	775265	1.09		100
460-233032-4	05/01/2021 17:40	775265	1.27		100
460-233032-5	05/01/2021 17:40	775265	1.08		100
460-233032-6	05/01/2021 17:40	775265	1.27		100
460-233032-7	05/01/2021 17:40	775265	1.29		100
460-233032-8	05/01/2021 17:40	775265	1.34		100

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Prep Method: 7471B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-774929/10-A	04/30/2021 03:11	774929	0.60		50
LCSSRM 460-774929/11-A ^40	04/30/2021 03:11	774929	0.60		50
460-233032-1	04/30/2021 03:11	774929	0.63		50
460-233032-2	04/30/2021 03:11	774929	0.64		50
460-233032-3	04/30/2021 03:11	774929	0.66		50
460-233032-4	04/30/2021 03:11	774929	0.65		50
460-233032-5	04/30/2021 03:11	774929	0.63		50
460-233032-6	04/30/2021 03:11	774929	0.61		50
460-233032-7	04/30/2021 03:11	774929	0.63		50
460-233032-8	04/30/2021 03:11	774929	0.64		50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/02/2021 08:11 End Date: 05/02/2021 14:19

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
IC 460-775294/1	1		08:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-775294/2	1		08:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-775294/3	1		08:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-775294/4	1		08:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-775294/5	1		08:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-775294/6	1		08:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 460-775294/7	1		08:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-775294/8	1		08:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 460-775294/9			08:29																				
ICSA 460-775294/10	1		08:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-775294/11	1		08:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LRC 460-775294/12	1		08:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LRC 460-775294/13	1		08:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			08:39																				
ZZZZZZ			08:42																				
ZZZZZZ			08:44																				
ZZZZZZ			08:46																				
ZZZZZZ			08:48																				
CCV 460-775294/19	1		08:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-775294/20	1		08:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-775265/1-A	1	T	09:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			09:06																				
ZZZZZZ			09:08																				
ZZZZZZ			09:10																				
ZZZZZZ			09:13																				
ZZZZZZ			09:15																				
ZZZZZZ			09:17																				
LCSSRM 460-775265/2-A ^5	5	T	09:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			09:21																				
CCV 460-775294/30	1		09:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-775294/31	1		09:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			09:28																				
ZZZZZZ			09:30																				
ZZZZZZ			09:32																				
ZZZZZZ			09:34																				
ZZZZZZ			09:37																				
ZZZZZZ			09:39																				
ZZZZZZ			09:41																				
ZZZZZZ			09:43																				
ZZZZZZ			09:45																				
ZZZZZZ			09:47																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/02/2021 08:11 End Date: 05/02/2021 14:19

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCV 460-775294/42	1		09:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-775294/43	1		09:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-233032-1 PDS	1	T	09:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-233032-1 MS	1	T	09:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-233032-1 DU	1	T	09:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-233032-1	1	T	10:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-233032-1 SD	5	T	10:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			10:05																				
ZZZZZZ			10:07																				
ZZZZZZ			10:09																				
ZZZZZZ			10:11																				
ZZZZZZ			10:13																				
CCV 460-775294/54	1		10:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-775294/55	1		10:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			10:20																				
ZZZZZZ			10:22																				
ZZZZZZ			10:24																				
ZZZZZZ			10:26																				
ZZZZZZ			10:28																				
ZZZZZZ			10:31																				
ZZZZZZ			10:33																				
ZZZZZZ			10:35																				
ZZZZZZ			10:37																				
CCV 460-775294/65			10:39																				
CCB 460-775294/66			10:41																				
ZZZZZZ			10:44																				
ZZZZZZ			10:46																				
ZZZZZZ			10:48																				
ZZZZZZ			10:50																				
ZZZZZZ			10:52																				
ZZZZZZ			10:55																				
ZZZZZZ			10:57																				
ZZZZZZ			10:59																				
ZZZZZZ			11:01																				
CCV 460-775294/76	1		11:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-775294/77	1		11:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			11:08																				
ZZZZZZ			11:10																				
ZZZZZZ			11:12																				
ZZZZZZ			11:14																				
460-233032-2	1	T	11:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-233032-3	1	T	11:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/02/2021 08:11 End Date: 05/02/2021 14:19

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
460-233032-4	1	T	11:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-233032-5	5	T	11:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-233032-6	6	T	11:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-233032-7	7	T	11:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-775294/88	1		11:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-775294/89	1		11:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			11:33																				
ZZZZZZ			11:36																				
ZZZZZZ			11:38																				
ZZZZZZ			11:40																				
ZZZZZZ			11:42																				
ZZZZZZ			11:44																				
ZZZZZZ			11:47																				
ZZZZZZ			11:49																				
ZZZZZZ			11:51																				
ZZZZZZ			11:53																				
CCV 460-775294/100	1		11:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-775294/101	1		11:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:00																				
ZZZZZZ			12:02																				
ZZZZZZ			12:04																				
ZZZZZZ			12:06																				
460-233032-8	1	T	12:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:10																				
ZZZZZZ			12:13																				
ZZZZZZ			12:15																				
ZZZZZZ			12:17																				
ZZZZZZ			12:19																				
CCV 460-775294/112	1		12:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-775294/113	1		12:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:26																				
ZZZZZZ			12:28																				
ZZZZZZ			12:30																				
ZZZZZZ			12:32																				
ZZZZZZ			12:34																				
ZZZZZZ			12:37																				
ZZZZZZ			12:39																				
ZZZZZZ			12:41																				
ZZZZZZ			12:43																				
ZZZZZZ			12:45																				
CCV 460-775294/124			12:48																				
CCB 460-775294/125			12:50																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/02/2021 08:11 End Date: 05/02/2021 14:19

Lab Sample ID	D / F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			12:52																					
ZZZZZZ			12:54																					
ZZZZZZ			12:56																					
ZZZZZZ			12:58																					
ZZZZZZ			13:01																					
ZZZZZZ			13:03																					
ZZZZZZ			13:05																					
ZZZZZZ			13:07																					
ZZZZZZ			13:09																					
ZZZZZZ			13:11																					
CCV 460-775294/136			13:14																					
CCB 460-775294/137			13:16																					
ZZZZZZ			13:18																					
ZZZZZZ			13:20																					
ZZZZZZ			13:22																					
ZZZZZZ			13:24																					
ZZZZZZ			13:27																					
ZZZZZZ			13:29																					
ZZZZZZ			13:33																					
ZZZZZZ			13:35																					
ZZZZZZ			13:37																					
ZZZZZZ			13:40																					
CCV 460-775294/148			13:42																					
CCB 460-775294/149			13:44																					
ZZZZZZ			13:46																					
ZZZZZZ			13:48																					
ZZZZZZ			13:50																					
ZZZZZZ			13:53																					
ZZZZZZ			13:55																					
ZZZZZZ			13:57																					
ZZZZZZ			13:59																					
ZZZZZZ			14:01																					
ZZZZZZ			14:03																					
ZZZZZZ			14:06																					
CCV 460-775294/160			14:08																					
CCB 460-775294/161			14:10																					
ZZZZZZ			14:12																					
ZZZZZZ			14:14																					
CCV 460-775294/164			14:16																					
CCB 460-775294/165			14:19																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/02/2021 08:11 End Date: 05/02/2021 14:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
IC 460-775294/1	1		08:11	X	X																		
IC 460-775294/2	1		08:14	X	X																		
IC 460-775294/3	1		08:16	X	X																		
IC 460-775294/4	1		08:18	X	X																		
IC 460-775294/5	1		08:20	X	X																		
IC 460-775294/6	1		08:22	X	X																		
ICV 460-775294/7	1		08:24	X	X																		
ICB 460-775294/8	1		08:27	X	X																		
CRI 460-775294/9			08:29																				
ICSA 460-775294/10	1		08:31	X	X																		
ICSAB 460-775294/11	1		08:33	X	X																		
LRC 460-775294/12	1		08:35	X	X																		
LRC 460-775294/13	1		08:37	X	X																		
ZZZZZZ			08:39																				
ZZZZZZ			08:42																				
ZZZZZZ			08:44																				
ZZZZZZ			08:46																				
ZZZZZZ			08:48																				
CCV 460-775294/19	1		08:50	X	X																		
CCB 460-775294/20	1		08:53	X	X																		
MB 460-775265/1-A	1	T	09:02	X	X																		
ZZZZZZ			09:06																				
ZZZZZZ			09:08																				
ZZZZZZ			09:10																				
ZZZZZZ			09:13																				
ZZZZZZ			09:15																				
ZZZZZZ			09:17																				
LCSSRM 460-775265/2-A ^5	5	T	09:19	X	X																		
ZZZZZZ			09:21																				
CCV 460-775294/30	1		09:24	X	X																		
CCB 460-775294/31	1		09:26	X	X																		
ZZZZZZ			09:28																				
ZZZZZZ			09:30																				
ZZZZZZ			09:32																				
ZZZZZZ			09:34																				
ZZZZZZ			09:37																				
ZZZZZZ			09:39																				
ZZZZZZ			09:41																				
ZZZZZZ			09:43																				
ZZZZZZ			09:45																				
ZZZZZZ			09:47																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/02/2021 08:11 End Date: 05/02/2021 14:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCV 460-775294/42	1		09:50	X	X																		
CCB 460-775294/43	1		09:52	X	X																		
460-233032-1 PDS	1	T	09:54	X	X																		
460-233032-1 MS	1	T	09:56	X	X																		
460-233032-1 DU	1	T	09:58	X	X																		
460-233032-1	1	T	10:00	X	X																		
460-233032-1 SD	5	T	10:03	X	X																		
ZZZZZZ			10:05																				
ZZZZZZ			10:07																				
ZZZZZZ			10:09																				
ZZZZZZ			10:11																				
ZZZZZZ			10:13																				
CCV 460-775294/54	1		10:16	X	X																		
CCB 460-775294/55	1		10:18	X	X																		
ZZZZZZ			10:20																				
ZZZZZZ			10:22																				
ZZZZZZ			10:24																				
ZZZZZZ			10:26																				
ZZZZZZ			10:28																				
ZZZZZZ			10:31																				
ZZZZZZ			10:33																				
ZZZZZZ			10:35																				
ZZZZZZ			10:37																				
CCV 460-775294/65			10:39																				
CCB 460-775294/66			10:41																				
ZZZZZZ			10:44																				
ZZZZZZ			10:46																				
ZZZZZZ			10:48																				
ZZZZZZ			10:50																				
ZZZZZZ			10:52																				
ZZZZZZ			10:55																				
ZZZZZZ			10:57																				
ZZZZZZ			10:59																				
ZZZZZZ			11:01																				
CCV 460-775294/76	1		11:03	X	X																		
CCB 460-775294/77	1		11:05	X	X																		
ZZZZZZ			11:08																				
ZZZZZZ			11:10																				
ZZZZZZ			11:12																				
ZZZZZZ			11:14																				
460-233032-2	1	T	11:16	X	X																		
460-233032-3	1	T	11:18	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/02/2021 08:11 End Date: 05/02/2021 14:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
460-233032-4	1	T	11:21	X	X																		
460-233032-5	5	T	11:23	X	X																		
460-233032-6	6	T	11:25	X	X																		
460-233032-7	7	T	11:27	X	X																		
CCV 460-775294/88	1		11:29	X	X																		
CCB 460-775294/89	1		11:31	X	X																		
ZZZZZZ			11:33																				
ZZZZZZ			11:36																				
ZZZZZZ			11:38																				
ZZZZZZ			11:40																				
ZZZZZZ			11:42																				
ZZZZZZ			11:44																				
ZZZZZZ			11:47																				
ZZZZZZ			11:49																				
ZZZZZZ			11:51																				
ZZZZZZ			11:53																				
CCV 460-775294/100	1		11:55	X	X																		
CCB 460-775294/101	1		11:57	X	X																		
ZZZZZZ			12:00																				
ZZZZZZ			12:02																				
ZZZZZZ			12:04																				
ZZZZZZ			12:06																				
460-233032-8	1	T	12:08	X	X																		
ZZZZZZ			12:10																				
ZZZZZZ			12:13																				
ZZZZZZ			12:15																				
ZZZZZZ			12:17																				
ZZZZZZ			12:19																				
CCV 460-775294/112	1		12:21	X	X																		
CCB 460-775294/113	1		12:23	X	X																		
ZZZZZZ			12:26																				
ZZZZZZ			12:28																				
ZZZZZZ			12:30																				
ZZZZZZ			12:32																				
ZZZZZZ			12:34																				
ZZZZZZ			12:37																				
ZZZZZZ			12:39																				
ZZZZZZ			12:41																				
ZZZZZZ			12:43																				
ZZZZZZ			12:45																				
CCV 460-775294/124			12:48																				
CCB 460-775294/125			12:50																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/02/2021 08:11 End Date: 05/02/2021 14:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			12:52																				
ZZZZZZ			12:54																				
ZZZZZZ			12:56																				
ZZZZZZ			12:58																				
ZZZZZZ			13:01																				
ZZZZZZ			13:03																				
ZZZZZZ			13:05																				
ZZZZZZ			13:07																				
ZZZZZZ			13:09																				
ZZZZZZ			13:11																				
CCV 460-775294/136			13:14																				
CCB 460-775294/137			13:16																				
ZZZZZZ			13:18																				
ZZZZZZ			13:20																				
ZZZZZZ			13:22																				
ZZZZZZ			13:24																				
ZZZZZZ			13:27																				
ZZZZZZ			13:29																				
ZZZZZZ			13:33																				
ZZZZZZ			13:35																				
ZZZZZZ			13:37																				
ZZZZZZ			13:40																				
CCV 460-775294/148			13:42																				
CCB 460-775294/149			13:44																				
ZZZZZZ			13:46																				
ZZZZZZ			13:48																				
ZZZZZZ			13:50																				
ZZZZZZ			13:53																				
ZZZZZZ			13:55																				
ZZZZZZ			13:57																				
ZZZZZZ			13:59																				
ZZZZZZ			14:01																				
ZZZZZZ			14:03																				
ZZZZZZ			14:06																				
CCV 460-775294/160			14:08																				
CCB 460-775294/161			14:10																				
ZZZZZZ			14:12																				
ZZZZZZ			14:14																				
CCV 460-775294/164			14:16																				
CCB 460-775294/165			14:19																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/02/2021 08:11 End Date: 05/02/2021 14:19

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: LEEMAN7 Method: 7471B

Start Date: 04/30/2021 06:35 End Date: 04/30/2021 10:47

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ICIS 460-775032/1			06:35	X																			
IC 460-774929/2-A			06:37	X																			
IC 460-774929/3-A			06:39	X																			
IC 460-774929/4-A			06:41	X																			
IC 460-774929/5-A			06:43	X																			
IC 460-774929/6-A			06:45	X																			
ICV 460-775032/7	1		06:47	X																			
ICB 460-775032/8	1		06:49	X																			
CCV 460-775032/9	1		06:51	X																			
CCB 460-775032/10	1		06:53	X																			
MB 460-774929/10-A	1	T	06:55	X																			
LCSSRM 460-774929/11-A ^40	40	T	06:57	X																			
ZZZZZZ			06:59																				
ZZZZZZ			07:00																				
ZZZZZZ			07:02																				
ZZZZZZ			07:04																				
ZZZZZZ			07:06																				
ZZZZZZ			07:08																				
ZZZZZZ			07:10																				
ZZZZZZ			07:12																				
CCV 460-775032/21	1		07:14	X																			
CCB 460-775032/22	1		07:16	X																			
460-233032-1	1	T	07:18	X																			
460-233032-2	1	T	07:20	X																			
460-233032-3	1	T	07:22	X																			
460-233032-4	1	T	07:24	X																			
460-233032-5	1	T	07:26	X																			
460-233032-6	1	T	07:28	X																			
460-233032-7	1	T	07:30	X																			
460-233032-8	1	T	07:32	X																			
ZZZZZZ			07:34																				
ZZZZZZ			07:36																				
CCV 460-775032/33	1		07:37	X																			
CCB 460-775032/34	1		07:39	X																			
ZZZZZZ			07:41																				
ZZZZZZ			07:43																				
ZZZZZZ			07:45																				
ZZZZZZ			07:47																				
ZZZZZZ			07:49																				
ZZZZZZ			07:51																				
ZZZZZZ			07:53																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: LEEMAN7 Method: 7471B

Start Date: 04/30/2021 06:35 End Date: 04/30/2021 10:47

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			07:55																				
ZZZZZZ			07:57																				
ZZZZZZ			07:59																				
CCV 460-775032/45			08:01																				
CCB 460-775032/46			08:03																				
ZZZZZZ			08:05																				
ZZZZZZ			08:07																				
ZZZZZZ			08:09																				
ZZZZZZ			08:11																				
ZZZZZZ			08:13																				
ZZZZZZ			08:15																				
ZZZZZZ			08:17																				
ZZZZZZ			08:18																				
ZZZZZZ			08:20																				
ZZZZZZ			08:22																				
CCV 460-775032/57			08:24																				
CCB 460-775032/58			08:26																				
ZZZZZZ			08:28																				
ZZZZZZ			08:30																				
ZZZZZZ			08:32																				
ZZZZZZ			08:34																				
ZZZZZZ			08:36																				
ZZZZZZ			08:38																				
ZZZZZZ			08:40																				
ZZZZZZ			08:42																				
ZZZZZZ			08:44																				
ZZZZZZ			08:46																				
CCV 460-775032/69			08:48																				
CCB 460-775032/70			08:50																				
ZZZZZZ			08:52																				
ZZZZZZ			08:54																				
ZZZZZZ			08:56																				
ZZZZZZ			08:57																				
ZZZZZZ			08:59																				
ZZZZZZ			09:01																				
ZZZZZZ			09:03																				
ZZZZZZ			09:05																				
ZZZZZZ			09:07																				
ZZZZZZ			09:09																				
CCV 460-775032/81			09:11																				
CCB 460-775032/82			09:13																				
ZZZZZZ			09:15																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: LEEMAN7 Method: 7471B

Start Date: 04/30/2021 06:35 End Date: 04/30/2021 10:47

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			09:17																				
ZZZZZZ			09:19																				
ZZZZZZ			09:21																				
ZZZZZZ			09:23																				
ZZZZZZ			09:25																				
ZZZZZZ			09:27																				
ZZZZZZ			09:29																				
ZZZZZZ			09:31																				
ZZZZZZ			09:33																				
CCV 460-775032/93			09:35																				
CCB 460-775032/94			09:37																				
ZZZZZZ			09:39																				
ZZZZZZ			09:41																				
ZZZZZZ			09:43																				
ZZZZZZ			09:45																				
ZZZZZZ			09:47																				
ZZZZZZ			09:49																				
ZZZZZZ			09:51																				
ZZZZZZ			09:53																				
ZZZZZZ			09:54																				
ZZZZZZ			09:56																				
CCV 460-775032/105			09:58																				
CCB 460-775032/106			10:00																				
ZZZZZZ			10:02																				
ZZZZZZ			10:04																				
ZZZZZZ			10:06																				
ZZZZZZ			10:08																				
ZZZZZZ			10:10																				
ZZZZZZ			10:12																				
ZZZZZZ			10:14																				
ZZZZZZ			10:16																				
ZZZZZZ			10:18																				
ZZZZZZ			10:20																				
CCV 460-775032/117			10:22																				
CCB 460-775032/118			10:24																				
ZZZZZZ			10:26																				
ZZZZZZ			10:28																				
ZZZZZZ			10:30																				
ZZZZZZ			10:32																				
ZZZZZZ			10:34																				
ZZZZZZ			10:36																				
ZZZZZZ			10:38																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: LEEMAN7 Method: 7471B

Start Date: 04/30/2021 06:35 End Date: 04/30/2021 10:47

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			10:40																				
ZZZZZZ			10:42																				
ZZZZZZ			10:43																				
CCV 460-775032/129			10:45																				
CCB 460-775032/130			10:47																				

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.: Analysis Batch No.: 775294

ICP-MS Instrument ID: ICPMS4 Start Date: 05/02/2021 End Date: 05/02/2021

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q	Element Ge/3	Q
IC 460-775294/1	08:11	100		100		100		100		100	
IC 460-775294/2	08:14	101		102		100		99		99	
IC 460-775294/3	08:16	101		100		97		102		101	
IC 460-775294/4	08:18	100		102		99		108		108	
IC 460-775294/5	08:20	99		108		98		107		107	
IC 460-775294/6	08:22	97		105		98		108		108	
ICV 460-775294/7	08:24	100		104		99		110		108	
ICB 460-775294/8	08:27	104		107		102		105		102	
ICSA 460-775294/10	08:31	101		102		95		115		112	
ICSAB 460-775294/11	08:33	100		101		97		114		109	
LRC 460-775294/12	08:35	102		98		90		105		99	
LRC 460-775294/13	08:37	90		91		88		96		94	
CCV 460-775294/19	08:50	103		104		93		101		99	
CCB 460-775294/20	08:53	105		100		93		97		95	
MB 460-775265/1-A	09:02	105		98		93		98		96	
LCSSRM 460-775265/2-A ^5	09:19	108		103		99		109		107	
CCV 460-775294/30	09:24	110		105		96		108		104	
CCB 460-775294/31	09:26	109		105		98		102		100	
CCV 460-775294/42	09:50	109		103		100		108		105	
CCB 460-775294/43	09:52	108		106		100		104		101	
460-233032-1 PDS	09:54	116		114		105		116		114	
460-233032-1 MS	09:56	109		112		104		116		111	
460-233032-1 DU	09:58	111		111		105		115		114	
460-233032-1	10:00	108		110		105		114		114	
460-233032-1 SD	10:03	111		107		101		113		111	
CCV 460-775294/54	10:16	109		103		98		108		103	
CCB 460-775294/55	10:18	107		107		101		102		100	
CCV 460-775294/76	11:03	95		92		87		92		93	
CCB 460-775294/77	11:05	95		94		88		89		87	
460-233032-2	11:16	97		95		91		97		99	
460-233032-3	11:18	97		98		94		100		102	
460-233032-4	11:21	100		102		96		100		97	
460-233032-5	11:23	97		93		87		98		97	
460-233032-6	11:25	96		95		85		96		92	
460-233032-7	11:27	97		95		86		95		93	
CCV 460-775294/88	11:29	95		91		87		92		93	
CCB 460-775294/89	11:31	96		92		87		89		90	
CCV 460-775294/100	11:55	99		96		86		92		97	
CCB 460-775294/101	11:57	99		94		90		89		91	
460-233032-8	12:08	92		92		85		89		87	
CCV 460-775294/112	12:21	94		88		81		86		89	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.: Analysis Batch No.: 775294

ICP-MS Instrument ID: ICPMS4 Start Date: 05/02/2021 End Date: 05/02/2021

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q	Element Ge/3	Q
CCB 460-775294/113	12:23	100		86		82		83		80	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.: Analysis Batch No.: 775294

ICP-MS Instrument ID: ICPMS4 Start Date: 05/02/2021 End Date: 05/02/2021

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q	Element	Q
IC 460-775294/1	08:11	100		100		100					
IC 460-775294/2	08:14	99		100		99					
IC 460-775294/3	08:16	98		100		98					
IC 460-775294/4	08:18	99		101		97					
IC 460-775294/5	08:20	98		100		96					
IC 460-775294/6	08:22	96		99		93					
ICV 460-775294/7	08:24	98		100		97					
ICB 460-775294/8	08:27	103		102		100					
ICSA 460-775294/10	08:31	94		96		91					
ICSAB 460-775294/11	08:33	92		95		90					
LRC 460-775294/12	08:35	89		92		91					
LRC 460-775294/13	08:37	84		90		82					
CCV 460-775294/19	08:50	92		96		94					
CCB 460-775294/20	08:53	95		95		96					
MB 460-775265/1-A	09:02	94		96		95					
LCSSRM 460-775265/2-A ^5	09:19	97		100		96					
CCV 460-775294/30	09:24	95		97		94					
CCB 460-775294/31	09:26	98		99		98					
CCV 460-775294/42	09:50	98		99		96					
CCB 460-775294/43	09:52	100		100		99					
460-233032-1 PDS	09:54	101		104		98					
460-233032-1 MS	09:56	98		105		97					
460-233032-1 DU	09:58	98		103		97					
460-233032-1	10:00	96		100		99					
460-233032-1 SD	10:03	101		102		99					
CCV 460-775294/54	10:16	98		100		97					
CCB 460-775294/55	10:18	100		100		98					
CCV 460-775294/76	11:03	87		91		89					
CCB 460-775294/77	11:05	87		91		91					
460-233032-2	11:16	86		95		88					
460-233032-3	11:18	89		95		91					
460-233032-4	11:21	90		96		91					
460-233032-5	11:23	88		90		90					
460-233032-6	11:25	86		90		89					
460-233032-7	11:27	87		90		88					
CCV 460-775294/88	11:29	86		90		89					
CCB 460-775294/89	11:31	88		91		92					
CCV 460-775294/100	11:55	87		89		88					
CCB 460-775294/101	11:57	89		91		92					
460-233032-8	12:08	79		87		83					
CCV 460-775294/112	12:21	80		84		84					

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.: Analysis Batch No.: 775294

ICP-MS Instrument ID: ICPMS4 Start Date: 05/02/2021 End Date: 05/02/2021

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q	Element	Q
CCB 460-775294/113	12:23	82		86		88					

Calibration Blank

File Name 004CALB.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:11:50

Sample Name **IC CAL-Blk**

Comment ---

Dilution 1.0000

Full Quant Table 1101

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	35.56	23.6
B	11	6	No Gas	1600.11	2.4
Na	23	45	He	20393.84	1.4
Mg	24	45	He	55.56	33.0
Al	27	45	He	18.89	18.4
K	39	45	He	2971.45	7.2
Ca	40	45	H2	18523.63	1.1
Ti	47	45	He	0.00	N/A
V	51	45	He	293.34	6.9
Cr	52	45	He	1090.05	6.0
Mn	55	45	He	73.33	12.0
Fe	56	45	H2	35122.18	1.2
Co	59	45	He	53.33	21.7
Ni	60	45	He	145.56	15.2
Cu	63	45	He	522.24	7.3
Zn	66	45	He	355.56	11.9
As	75	45	He	12.78	41.9
Se	78	45	H2	6.67	50.0
Sr	88	115	He	7.78	49.5
Mo	95	115	He	4.44	43.4
Ag	107	115	He	28.89	26.6
Cd	111	115	He	1.11	173.2
Sn	118	115	He	222.22	9.5
Sb	121	115	He	7.22	35.2
Ba	135	159	He	1.11	173.2
Tl	205	209	He	281.12	4.2
[Pb]	206	209	He	48.89	37.6
[Pb]	207	209	He	55.56	30.8
Pb	208	209	He	218.89	1.8

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %
Li (IS)	6	No Gas	1885903.43	2.6	100.0
Sc (ISICPMS)	45	H2	1047006.78	2.9	100.0
Sc (ISICPMS)	45	He	40806.51	0.4	100.0
Ge (IS)	74	H2	182591.16	0.9	100.0
Ge (IS)	74	He	23531.29	3.4	100.0
Kr	83	He	13.35	43.3	100.0
In-1	115	He	62943.77	1.6	100.0

Calibration Blank

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %
Tb (IS)	159	He	389779.07	0.7	100.0
Bi (IS)	209	He	346808.61	1.6	100.0

Calibration Standard

File Name 005CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:14:01

Sample Name **IC CAL1 8858131**

Comment ---

Dilution 1.0000

Vial # 1102

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	702.25	11.4
B	11	6	No Gas	38539.24	1.3
Na	23	45	He	28952.13	0.6
Mg	24	45	He	3938.36	1.8
Al	27	45	He	188.89	6.5
K	39	45	He	4593.01	2.4
Ca	40	45	H2	123994.30	1.2
Ti	47	45	He	21.11	16.4
V	51	45	He	1195.62	5.4
Cr	52	45	He	2441.35	2.7
Mn	55	45	He	854.48	1.0
Fe	56	45	H2	211957.51	1.4
Co	59	45	He	2846.99	2.0
Ni	60	45	He	1007.82	5.9
Cu	63	45	He	3292.65	4.2
Zn	66	45	He	1477.87	7.9
As	75	45	He	77.78	2.5
Se	78	45	H2	154.45	3.3
Sr	88	115	He	354.45	5.3
Mo	95	115	He	895.59	2.5
Ag	107	115	He	2071.29	2.1
Cd	111	115	He	180.00	7.4
Sn	118	115	He	2472.48	4.3
Sb	121	115	He	420.56	7.9
Ba	135	159	He	107.78	12.9
Tl	205	209	He	2043.52	4.5
[Pb]	206	209	He	915.60	6.8
[Pb]	207	209	He	807.81	3.0
Pb	208	209	He	3562.44	0.6

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1900828.27	2.7	100.8	60	125	
Sc (ISICPMS)	45	H2	1071905.11	2.4	102.4	60	125	
Sc (ISICPMS)	45	He	40741.78	1.2	99.8	60	125	
Ge (IS)	74	H2	181162.67	1.3	99.2	60	125	
Ge (IS)	74	He	23317.20	0.3	99.1	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	62332.12	0.5	99.0	60	125	
Tb (IS)	159	He	389061.22	0.7	99.8	60	125	
Bi (IS)	209	He	344728.96	1.4	99.4	60	125	

Calibration Standard

File Name 006CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:16:13

Sample Name **IC CAL2 8858133**

Comment ---

Dilution 1.0000

Vial # 1103

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	3362.66	2.2
B	11	6	No Gas	180174.26	2.5
Na	23	45	He	60574.34	0.4
Mg	24	45	He	18648.20	2.0
Al	27	45	He	835.03	2.1
K	39	45	He	9935.85	3.1
Ca	40	45	H2	541585.91	1.4
Ti	47	45	He	80.55	8.6
V	51	45	He	4784.20	1.8
Cr	52	45	He	7794.48	0.2
Mn	55	45	He	4232.92	2.9
Fe	56	45	H2	918370.87	1.9
Co	59	45	He	13893.87	1.5
Ni	60	45	He	4437.43	1.4
Cu	63	45	He	13675.94	1.3
Zn	66	45	He	5607.87	1.5
As	75	45	He	377.78	5.7
Se	78	45	H2	684.46	5.3
Sr	88	115	He	1710.12	1.7
Mo	95	115	He	4695.32	2.4
Ag	107	115	He	10281.85	1.4
Cd	111	115	He	925.59	8.7
Sn	118	115	He	11621.96	2.3
Sb	121	115	He	1940.71	3.8
Ba	135	159	He	523.35	10.6
Tl	205	209	He	9262.42	1.3
[Pb]	206	209	He	4102.94	0.9
[Pb]	207	209	He	3596.11	6.3
Pb	208	209	He	16542.27	0.5

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1896622.51	3.2	100.6	60	125	
Sc (ISICPMS)	45	H2	1046111.63	2.7	99.9	60	125	
Sc (ISICPMS)	45	He	39513.85	0.5	96.8	60	125	
Ge (IS)	74	H2	185446.51	1.9	101.6	60	125	
Ge (IS)	74	He	23822.10	1.4	101.2	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	61888.59	0.5	98.3	60	125	
Tb (IS)	159	He	388528.89	1.2	99.7	60	125	
Bi (IS)	209	He	340042.61	0.2	98.0	60	125	

Calibration Standard

File Name 007CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:18:24

Sample Name **IC CAL3 8858135**

Comment ---

Dilution 1.0000

Vial # 1104

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	35862.05	1.0
B	11	6	No Gas	63318.41	2.9
Na	23	45	He	528217.17	0.3
Mg	24	45	He	234742.90	0.3
Al	27	45	He	50226.32	0.6
K	39	45	He	91124.42	0.3
Ca	40	45	H2	6293315.32	2.2
Ti	47	45	He	227.78	10.7
V	51	45	He	11275.86	3.5
Cr	52	45	He	17937.48	0.5
Mn	55	45	He	5128.79	0.8
Fe	56	45	H2	17475637.24	4.2
Co	59	45	He	34300.34	0.7
Ni	60	45	He	10081.58	2.2
Cu	63	45	He	31692.78	1.2
Zn	66	45	He	8917.45	3.4
As	75	45	He	1772.34	4.0
Se	78	45	H2	2770.30	8.2
Sr	88	115	He	4050.65	1.7
Mo	95	115	He	11403.91	3.6
Ag	107	115	He	25518.18	1.8
Cd	111	115	He	4685.32	2.6
Sn	118	115	He	7441.05	0.8
Sb	121	115	He	9805.36	0.6
Ba	135	159	He	1246.74	1.2
Tl	205	209	He	112100.48	1.1
[Pb]	206	209	He	35307.08	1.2
[Pb]	207	209	He	31399.84	0.4
Pb	208	209	He	143848.19	0.4

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1891799.97	4.7	100.3	60	125	
Sc (ISICPMS)	45	H2	1068847.75	3.0	102.1	60	125	
Sc (ISICPMS)	45	He	40406.56	1.0	99.0	60	125	
Ge (IS)	74	H2	197170.48	1.6	108.0	60	125	
Ge (IS)	74	He	25469.91	2.6	108.2	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	62056.15	0.6	98.6	60	125	
Tb (IS)	159	He	392831.96	0.8	100.8	60	125	
Bi (IS)	209	He	337560.40	0.4	97.3	60	125	

Calibration Standard

File Name 008CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:20:34

Sample Name **IC CAL4 8858137**

Comment ---

Dilution 1.0000

Vial # 1105

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	71357.17	1.2
B	11	6	No Gas	122795.41	2.6
Na	23	45	He	971599.17	3.6
Mg	24	45	He	458501.55	1.2
Al	27	45	He	98078.84	0.4
K	39	45	He	176082.42	0.9
Ca	40	45	H2	12992532.31	1.5
Ti	47	45	He	412.23	5.5
V	51	45	He	21356.88	1.4
Cr	52	45	He	33581.58	0.3
Mn	55	45	He	10332.88	0.9
Fe	56	45	H2	35715805.30	4.0
Co	59	45	He	67761.28	1.2
Ni	60	45	He	20256.34	3.4
Cu	63	45	He	62314.89	0.6
Zn	66	45	He	17004.17	2.3
As	75	45	He	3505.46	2.2
Se	78	45	H2	5890.22	1.5
Sr	88	115	He	7936.88	3.6
Mo	95	115	He	22581.53	2.4
Ag	107	115	He	49888.00	2.6
Cd	111	115	He	9412.33	3.2
Sn	118	115	He	13910.84	1.0
Sb	121	115	He	19512.33	1.2
Ba	135	159	He	2653.62	4.6
Tl	205	209	He	219862.90	1.3
[Pb]	206	209	He	69048.66	1.7
[Pb]	207	209	He	62370.34	1.2
Pb	208	209	He	280913.60	0.8

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1869899.19	3.7	99.2	60	125	
Sc (ISICPMS)	45	H2	1132389.46	3.0	108.2	60	125	
Sc (ISICPMS)	45	He	39964.04	1.1	97.9	60	125	
Ge (IS)	74	H2	194462.33	4.0	106.5	60	125	
Ge (IS)	74	He	25222.87	2.9	107.2	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Kr	83	He	16.68	91.7	125.0			
In-1	115	He	61940.17	1.1	98.4	60	125	
Tb (IS)	159	He	390223.36	0.5	100.1	60	125	
Bi (IS)	209	He	331067.66	1.6	95.5	60	125	

Calibration Standard

File Name 009CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:22:43

Sample Name **IC CAL5 8858139**

Comment ---

Dilution 1.0000

Vial # 1106

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	143956.73	1.1
B	11	6	No Gas	239432.53	1.3
Na	23	45	He	1902916.07	3.2
Mg	24	45	He	875892.09	4.2
Al	27	45	He	197958.02	1.2
K	39	45	He	352380.89	1.7
Ca	40	45	H2	26362834.89	6.6
Ti	47	45	He	835.58	9.4
V	51	45	He	44176.03	1.2
Cr	52	45	He	66321.57	2.3
Mn	55	45	He	19983.68	1.6
Fe	56	45	H2	71665619.49	7.4
Co	59	45	He	133796.50	0.9
Ni	60	45	He	40426.17	0.8
Cu	63	45	He	123944.48	1.4
Zn	66	45	He	33995.03	0.1
As	75	45	He	6903.45	0.7
Se	78	45	H2	11423.83	2.9
Sr	88	115	He	16364.62	3.0
Mo	95	115	He	44240.44	1.4
Ag	107	115	He	100328.94	2.9
Cd	111	115	He	18809.10	2.6
Sn	118	115	He	27640.50	1.6
Sb	121	115	He	38239.71	0.7
Ba	135	159	He	5281.12	3.9
Tl	205	209	He	437053.06	2.6
[Pb]	206	209	He	135773.59	0.9
[Pb]	207	209	He	123402.46	2.8
Pb	208	209	He	561713.07	0.9

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1834652.66	1.8	97.3	60	125	
Sc (ISICPMS)	45	H2	1099410.42	3.8	105.0	60	125	
Sc (ISICPMS)	45	He	39959.89	3.8	97.9	60	125	
Ge (IS)	74	H2	196420.45	3.6	107.6	60	125	
Ge (IS)	74	He	25399.71	4.3	107.9	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Kr	83	He	10.01	NaN	75.0			
In-1	115	He	60436.70	2.6	96.0	60	125	
Tb (IS)	159	He	385024.87	1.1	98.8	60	125	
Bi (IS)	209	He	323706.85	0.7	93.3	60	125	

Initial Calibration Verification (ICV)

File Name 010_ICV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:24:52

Sample Name **ICV 8742023**

Comment ---

Dilution 1.0000

Vial # 1201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	80.960	ug/l	2.8	80	72	88	
B	11	6	No Gas	213.695	ug/l	1.0	200	180	220	
Na	23	45	He	20557.153	ug/l	5.4	20000	18000	22000	
Mg	24	45	He	20816.547	ug/l	3.7	20000	18000	22000	
Al	27	45	He	20056.480	ug/l	2.0	20000	18000	22000	
K	39	45	He	20055.832	ug/l	2.1	20000	18000	22000	
Ca	40	45	H2	19978.757	ug/l	3.0	20000	18000	22000	
Ti	47	45	He	79.517	ug/l	4.4	80	72	88	
V	51	45	He	81.018	ug/l	2.0	80	72	88	
Cr	52	45	He	79.517	ug/l	1.3	80	72	88	
Mn	55	45	He	79.381	ug/l	3.5	80	72	88	
Fe	56	45	H2	20054.388	ug/l	3.3	20000	18000	22000	
Co	59	45	He	81.399	ug/l	1.7	80	72	88	
Ni	60	45	He	80.871	ug/l	3.8	80	72	88	
Cu	63	45	He	80.559	ug/l	1.1	80	72	88	
Zn	66	45	He	204.921	ug/l	1.0	200	180	220	
As	75	45	He	81.336	ug/l	2.1	80	72	88	
Se	78	45	H2	83.124	ug/l	4.4	80	72	88	
Sr	88	115	He	81.377	ug/l	1.5	80	72	88	
Mo	95	115	He	80.924	ug/l	2.4	80	72	88	
Ag	107	115	He	40.456	ug/l	2.2	40	36	44	
Cd	111	115	He	79.949	ug/l	3.2	80	72	88	
Sn	118	115	He	81.973	ug/l	1.6	80	72	88	
Sb	121	115	He	81.695	ug/l	2.1	80	72	88	
Ba	135	159	He	79.139	ug/l	7.5	80	72	88	
Tl	205	209	He	78.467	ug/l	2.9	80	72	88	
[Pb]	206	209	He	80.461	ug/l	1.3				
[Pb]	207	209	He	78.619	ug/l	3.9				
Pb	208	209	He	79.035	ug/l	2.0	80	72	88	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1886116.07	2.5	100.0	60	125	
Sc (ISICPMS)	45	H2	1087876.34	4.7	103.9	60	125	
Sc (ISICPMS)	45	He	40511.04	1.3	99.3	60	125	
Ge (IS)	74	H2	200992.43	2.5	110.1	60	125	
Ge (IS)	74	He	25386.73	5.4	107.9	60	125	
Kr	83	He	10.01	100.0	75.0			

Initial Calibration Verification (ICV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
In-1	115	He	61498.86	1.7	97.7	60	125	
Tb (IS)	159	He	388006.46	2.0	99.5	60	125	
Bi (IS)	209	He	337307.28	1.8	97.3	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 011_ICB.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:27:01

Sample Name **ICB**

Comment ---

Dilution 1.0000

Method 1101

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.018	ug/l	89.8	0.4	-0.4	0.4	
B	11	6	No Gas	8.332	ug/l	6.9	20	-20	20	
Na	23	45	He	15.756	ug/l	124.5	250	-250	250	
Mg	24	45	He	1.494	ug/l	51.3	100	-100	100	
Al	27	45	He	0.574	ug/l	192.6	20	-20	20	
K	39	45	He	0.186	ug/l	3460.1	100	-100	100	
Ca	40	45	H2	1.008	ug/l	87.8	250	-250	250	
Ti	47	45	He	-0.672	ug/l	N/A	2	-2	2	
V	51	45	He	-0.268	ug/l	N/A	2	-2	2	
Cr	52	45	He	0.129	ug/l	78.9	2	-2	2	
Mn	55	45	He	-0.173	ug/l	N/A	4	-4	4	
Fe	56	45	H2	1.462	ug/l	41.1	30	-30	30	
Co	59	45	He	0.000	ug/l	N/A	2	-2	2	
Ni	60	45	He	-0.059	ug/l	N/A	2	-2	2	
Cu	63	45	He	0.011	ug/l	749.0	2	-2	2	
Zn	66	45	He	-0.150	ug/l	N/A	8	-8	8	
As	75	45	He	-0.148	ug/l	N/A	1	-1	1	
Se	78	45	H2	0.050	ug/l	200.0	1.25	-1.25	1.25	
Sr	88	115	He	0.075	ug/l	107.1	2	-2	2	
Mo	95	115	He	0.009	ug/l	317.8	2	-2	2	
Ag	107	115	He	0.009	ug/l	183.4	1	-1	1	
Cd	111	115	He	0.022	ug/l	151.8	1	-1	1	
Sn	118	115	He	0.058	ug/l	356.9	8	-8	8	
Sb	121	115	He	0.010	ug/l	190.9	1	-1	1	
Ba	135	159	He	0.081	ug/l	151.5	2	-2	2	
Tl	205	209	He	-0.013	ug/l	N/A	0.4	-0.4	0.4	
[Pb]	206	209	He	0.011	ug/l	44.4				
[Pb]	207	209	He	0.004	ug/l	281.3				
Pb	208	209	He	0.009	ug/l	66.8	0.6	-0.6	0.6	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1962346.15	2.5	104.1	60	125	
Sc (ISICPMS)	45	H2	1116767.77	0.9	106.7	60	125	
Sc (ISICPMS)	45	He	41762.74	2.2	102.3	60	125	
Ge (IS)	74	H2	191218.58	1.6	104.7	60	125	
Ge (IS)	74	He	24019.27	0.0	102.1	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	64619.55	0.3	102.7	60	125	
Tb (IS)	159	He	398739.36	0.8	102.3	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	345173.51	1.1	99.5	60	125	

CRQL Check Standard (CRI)

File Name 012_CRI.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:29:13

Sample Name **CRI 8858131**

Comment ---

Dilution 1.0000

Vial # 1102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.902	ug/l	10.6	0.8	0.4	1.2	
B	11	6	No Gas	81.049	ug/l	0.4	80	40	120	
Na	23	45	He	239.091	ug/l	3.4	200	100	300	
Mg	24	45	He	209.096	ug/l	5.6	200	100	300	
Al	27	45	He	49.743	ug/l	12.1	40	20	60	
K	39	45	He	213.856	ug/l	4.3	200	100	300	
Ca	40	45	H2	214.641	ug/l	2.0	200	100	300	
Ti	47	45	He	4.212	ug/l	28.0	4	2	6	
V	51	45	He	3.986	ug/l	8.3	4	2	6	
Cr	52	45	He	4.143	ug/l	4.6	4	2	6	
Mn	55	45	He	8.286	ug/l	2.0	8	4	12	
Fe	56	45	H2	134.664	ug/l	3.1	120	60	180	
Co	59	45	He	4.326	ug/l	3.5	4	2	6	
Ni	60	45	He	4.160	ug/l	6.1	4	2	6	
Cu	63	45	He	4.458	ug/l	0.3	4	2	6	
Zn	66	45	He	15.198	ug/l	3.4	16	8	24	
As	75	45	He	1.938	ug/l	6.4	2	1	3	
Se	78	45	H2	2.391	ug/l	28.0	2.5	1.25	3.75	
Sr	88	115	He	4.082	ug/l	18.8	4	2	6	
Mo	95	115	He	4.155	ug/l	2.7	4	2	6	
Ag	107	115	He	1.966	ug/l	2.5	2	1	3	
Cd	111	115	He	2.315	ug/l	4.6	2	1	3	
Sn	118	115	He	16.030	ug/l	7.4	16	8	24	
Sb	121	115	He	1.923	ug/l	7.3	2	1	3	
Ba	135	159	He	4.099	ug/l	15.2	4	2	6	
Tl	205	209	He	0.773	ug/l	8.3	0.8	0.4	1.2	
[Pb]	206	209	He	1.242	ug/l	4.3				
[Pb]	207	209	He	1.267	ug/l	4.2				
Pb	208	209	He	1.232	ug/l	8.6	1.2	0.6	1.8	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2015255.77	1.9	106.9	60	125	
Sc (ISICPMS)	45	H2	1127701.31	2.4	107.7	60	125	
Sc (ISICPMS)	45	He	41584.32	0.6	101.9	60	125	
Ge (IS)	74	H2	195027.64	1.7	106.8	60	125	
Ge (IS)	74	He	24413.74	1.7	103.8	60	125	
Kr	83	He	3.34	173.2	25.0			

CRQL Check Standard (CRI)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
In-1	115	He	63877.36	0.8	101.5	60	125	
Tb (IS)	159	He	397237.96	0.7	101.9	60	125	
Bi (IS)	209	He	343025.25	0.3	98.9	60	125	

Interference Check Standard-A (ICSA)

File Name 013ICSA.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:31:25

Sample Name **ICSA 8858141**

Comment ---

Dilution 1.0000

Full Quant Table 1304

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	-0.001	ug/l	N/A	0.8	-1.6	1.6	
B	11	6	No Gas	5.743	ug/l	5.4	80	-160	160	
Na	23	45	He	103130.884	ug/l	2.7	100000	80000	120000	
Mg	24	45	He	103442.869	ug/l	4.5	100000	80000	120000	
Al	27	45	He	102002.451	ug/l	1.4	100000	80000	120000	
K	39	45	He	104268.773	ug/l	3.1	100000	80000	120000	
Ca	40	45	H2	99644.061	ug/l	2.1	100000	80000	120000	
Ti	47	45	He	2079.322	ug/l	0.7	2000	1600	2400	
V	51	45	He	-0.129	ug/l	N/A	4	-8	8	
Cr	52	45	He	1.205	ug/l	16.2	4	-8	8	
Mn	55	45	He	0.455	ug/l	42.9	8	-16	16	
Fe	56	45	H2	102425.895	ug/l	2.3	100000	80000	120000	
Co	59	45	He	1.366	ug/l	5.6	4	-8	8	
Ni	60	45	He	0.425	ug/l	16.7	4	-8	8	
Cu	63	45	He	0.798	ug/l	19.1	4	-8	8	
Zn	66	45	He	1.107	ug/l	53.1	16	-32	32	
As	75	45	He	0.089	ug/l	230.2	2	-4	4	
Se	78	45	H2	0.056	ug/l	207.0	2.5	-5	5	
Sr	88	115	He	4.864	ug/l	6.3	4	-8	8	
Mo	95	115	He	2093.825	ug/l	2.0	2000	-4000	4000	
Ag	107	115	He	0.034	ug/l	30.4	2	-4	4	
Cd	111	115	He	0.379	ug/l	23.1	2	-4	4	
Sn	118	115	He	-0.055	ug/l	N/A	16	-32	32	
Sb	121	115	He	0.089	ug/l	20.0	2	-4	4	
Ba	135	159	He	1.829	ug/l	3.7	4	-8	8	
Tl	205	209	He	-0.052	ug/l	N/A	0.8	-1.6	1.6	
[Pb]	206	209	He	0.392	ug/l	1.5				
[Pb]	207	209	He	0.365	ug/l	16.6				
Pb	208	209	He	0.412	ug/l	5.6	1.2	-2.4	2.4	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1899562.80	2.7	100.7	60	125	
Sc (ISICPMS)	45	H2	1064168.20	3.6	101.6	60	125	
Sc (ISICPMS)	45	He	38557.97	0.9	94.5	60	125	
Ge (IS)	74	H2	210232.80	1.1	115.1	60	125	
Ge (IS)	74	He	26265.90	1.9	111.6	60	125	
Kr	83	He	3.34	173.2	25.0			

Interference Check Standard-A (ICSA)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
In-1	115	He	59009.61	1.7	93.7	60	125	
Tb (IS)	159	He	374434.03	1.0	96.1	60	125	
Bi (IS)	209	He	314092.84	0.5	90.6	60	125	

Interference Check Standard-AB (ICSAB)

File Name 014ICSB.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:33:33

Sample Name **ICSAB 8858143**

Comment ---

Dilution 1.0000

Method Quant Table 1305

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	201.691	ug/l	2.3	200	-400	400	
B	11	6	No Gas	3.967	ug/l	8.1				
Na	23	45	He	101207.112	ug/l	2.3	100000	80000	120000	
Mg	24	45	He	101704.300	ug/l	6.1	100000	80000	120000	
Al	27	45	He	100412.216	ug/l	0.7	100000	80000	120000	
K	39	45	He	100380.253	ug/l	1.6	100000	80000	120000	
Ca	40	45	H2	100671.036	ug/l	1.8	100000	80000	120000	
Ti	47	45	He	2031.431	ug/l	2.6	2000	1600	2400	
V	51	45	He	209.765	ug/l	0.8	200	160	240	
Cr	52	45	He	204.568	ug/l	1.3	200	160	240	
Mn	55	45	He	206.740	ug/l	0.5	200	160	240	
Fe	56	45	H2	105969.088	ug/l	3.4	100000	80000	120000	
Co	59	45	He	204.271	ug/l	1.3	200	160	240	
Ni	60	45	He	205.051	ug/l	3.1	200	160	240	
Cu	63	45	He	203.410	ug/l	1.5	200	160	240	
Zn	66	45	He	199.514	ug/l	1.9	200	160	240	
As	75	45	He	212.250	ug/l	1.3	200	160	240	
Se	78	45	H2	211.679	ug/l	8.3	200	160	240	
Sr	88	115	He	217.882	ug/l	4.1	200	-400	400	
Mo	95	115	He	2164.931	ug/l	0.6	2000	1600	2400	
Ag	107	115	He	198.963	ug/l	1.1	200	160	240	
Cd	111	115	He	212.469	ug/l	0.7	200	160	240	
Sn	118	115	He	214.762	ug/l	1.9	200	-400	400	
Sb	121	115	He	105.831	ug/l	2.3	100	-200	200	
Ba	135	159	He	212.625	ug/l	3.8	200	-400	400	
Tl	205	209	He	103.919	ug/l	0.3	100	-200	200	
[Pb]	206	209	He	210.632	ug/l	0.9				
[Pb]	207	209	He	208.741	ug/l	2.0				
Pb	208	209	He	210.750	ug/l	1.5	200	-400	400	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1887966.39	2.0	100.1	60	125	
Sc (ISICPMS)	45	H2	1053305.96	2.3	100.6	60	125	
Sc (ISICPMS)	45	He	39450.37	1.0	96.7	60	125	
Ge (IS)	74	H2	208944.70	2.2	114.4	60	125	
Ge (IS)	74	He	25720.80	2.8	109.3	60	125	
Kr	83	He	6.67	86.6	50.0			

Interference Check Standard-AB (ICSAB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
In-1	115	He	57825.22	0.7	91.9	60	125	
Tb (IS)	159	He	368743.63	0.1	94.6	60	125	
Bi (IS)	209	He	311550.63	0.9	89.8	60	125	

Linear Range Check (LRC)

File Name 015LRCA.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:35:41

Sample Name **LRC 8701978**

Comment LRC-A

Dilution 1.0000

Vial # 1306

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	1854.122	ug/l	3.1	2000	1800	2200	
B	11	6	No Gas	9.169	ug/l	2.3				
Na	23	45	He	71.889	ug/l	19.4				
Mg	24	45	He	18.237	ug/l	18.1				
Al	27	45	He	13.367	ug/l	26.8				
K	39	45	He	105.473	ug/l	16.9				
Ca	40	45	H2	8.834	ug/l	16.0				
Ti	47	45	He	5082.990	ug/l	2.3	5000	4500	5500	
V	51	45	He	5113.427	ug/l	0.3	5000	4500	5500	
Cr	52	45	He	19975.520	ug/l	2.1	20000	18000	22000	
Mn	55	45	He	10183.843	ug/l	2.0	10000	9000	11000	
Fe	56	45	H2	20.667	ug/l	9.8				
Co	59	45	He	1985.822	ug/l	0.4	2000	1800	2200	
Ni	60	45	He	20385.211	ug/l	1.9	20000	18000	22000	
Cu	63	45	He	19658.504	ug/l	2.3	20000	18000	22000	
Zn	66	45	He	19050.900	ug/l	2.4	20000	18000	22000	
As	75	45	He	5283.110	ug/l	1.5	5000	4500	5500	
Se	78	45	H2	2085.547	ug/l	2.8	2000	1800	2200	
Sr	88	115	He	5047.689	ug/l	4.2	5000	4500	5500	
Mo	95	115	He	2066.099	ug/l	2.0	2000	1800	2200	
Ag	107	115	He	0.051	ug/l	11.8				
Cd	111	115	He	5354.188	ug/l	3.0	5000	4500	5500	
Sn	118	115	He	-0.052	ug/l	N/A				
Sb	121	115	He	0.134	ug/l	30.8				
Ba	135	159	He	19812.034	ug/l	4.4	20000	18000	22000	
Tl	205	209	He	974.403	ug/l	6.5	1000	900	1100	
[Pb]	206	209	He	18701.627	ug/l	3.8				
[Pb]	207	209	He	18151.562	ug/l	3.1				
Pb	208	209	He	18415.834	ug/l	3.6	20000	18000	22000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1931714.83	2.4	102.4	60	125	
Sc (ISICPMS)	45	H2	1030345.21	2.2	98.4	60	125	
Sc (ISICPMS)	45	He	36729.36	1.8	90.0	60	125	
Ge (IS)	74	H2	191081.67	0.3	104.7	60	125	
Ge (IS)	74	He	23170.22	0.5	98.5	60	125	
Kr	83	He	3.34	173.2	25.0			

Linear Range Check (LRC)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
In-1	115	He	55774.47	2.8	88.6	60	125	
Tb (IS)	159	He	360071.42	3.0	92.4	60	125	
Bi (IS)	209	He	316746.33	2.5	91.3	60	125	

Linear Range Check (LRC)

File Name 016LRCB.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:37:44

Sample Name **LRC 8701980**

Comment LRC-B

Dilution 1.0000

Vial # 1307

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.305	ug/l	18.0				
B	11	6	No Gas	6.581	ug/l	4.5				
Na	23	45	He	500334.452	ug/l	2.5	500000	450000	550000	
Mg	24	45	He	510300.791	ug/l	3.4	500000	450000	550000	
Al	27	45	He	201852.863	ug/l	1.0	200000	180000	220000	
K	39	45	He	492726.678	ug/l	2.7	500000	450000	550000	
Ca	40	45	H2	502695.217	ug/l	2.3	500000	450000	550000	
Ti	47	45	He	0.684	ug/l	97.4				
V	51	45	He	-0.154	ug/l	N/A				
Cr	52	45	He	4.317	ug/l	6.6				
Mn	55	45	He	3.897	ug/l	9.3				
Fe	56	45	H2	501801.713	ug/l	1.7	500000	450000	550000	
Co	59	45	He	5.425	ug/l	9.1				
Ni	60	45	He	1.535	ug/l	12.7				
Cu	63	45	He	3.045	ug/l	10.0				
Zn	66	45	He	3.685	ug/l	37.9				
As	75	45	He	0.230	ug/l	85.9				
Se	78	45	H2	0.125	ug/l	84.7				
Sr	88	115	He	8.388	ug/l	3.0				
Mo	95	115	He	1.085	ug/l	12.7				
Ag	107	115	He	0.163	ug/l	28.1				
Cd	111	115	He	0.206	ug/l	69.2				
Sn	118	115	He	-0.174	ug/l	N/A				
Sb	121	115	He	0.260	ug/l	7.9				
Ba	135	159	He	1.775	ug/l	12.9				
Tl	205	209	He	0.114	ug/l	9.2				
[Pb]	206	209	He	2.700	ug/l	16.8				
[Pb]	207	209	He	2.590	ug/l	8.4				
Pb	208	209	He	2.663	ug/l	12.5				

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1705300.29	1.4	90.4	60	125	
Sc (ISICPMS)	45	H2	953832.69	1.7	91.1	60	125	
Sc (ISICPMS)	45	He	35895.01	1.8	88.0	60	125	
Ge (IS)	74	H2	175198.34	0.8	96.0	60	125	
Ge (IS)	74	He	22210.98	2.4	94.4	60	125	
Kr	83	He	13.35	114.6	100.0			

Linear Range Check (LRC)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
In-1	115	He	52777.03	0.3	83.8	60	125	
Tb (IS)	159	He	349495.16	1.6	89.7	60	125	
Bi (IS)	209	He	285452.56	1.7	82.3	60	125	

Sample Report

File Name 017SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:39:53

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.118	ug/l	34.1	2000	
B	11	6	No Gas	1.383	ug/l	12.6	500	
Na	23	45	He	161.221	ug/l	8.2	500000	
Mg	24	45	He	36.138	ug/l	2.6	500000	
Al	27	45	He	17.908	ug/l	13.4	200000	
K	39	45	He	217.489	ug/l	7.9	500000	
Ca	40	45	H2	31.929	ug/l	4.3	500000	
Ti	47	45	He	-0.505	ug/l	N/A	5000	
V	51	45	He	-0.462	ug/l	N/A	5000	
Cr	52	45	He	0.699	ug/l	33.9	20000	
Mn	55	45	He	0.555	ug/l	50.1	10000	
Fe	56	45	H2	26.793	ug/l	10.4	500000	
Co	59	45	He	0.000	ug/l	4248.3	2000	
Ni	60	45	He	0.450	ug/l	54.0	20000	
Cu	63	45	He	1.284	ug/l	6.2	20000	
Zn	66	45	He	0.766	ug/l	35.9	20000	
As	75	45	He	0.027	ug/l	415.7	5000	
Se	78	45	H2	-0.016	ug/l	N/A	2000	
Sr	88	115	He	0.099	ug/l	111.7	5000	
Mo	95	115	He	0.056	ug/l	43.7	2000	
Ag	107	115	He	0.007	ug/l	108.4	100	
Cd	111	115	He	0.065	ug/l	117.6	5000	
Sn	118	115	He	-0.425	ug/l	N/A	200	
Sb	121	115	He	0.011	ug/l	178.0	200	
Ba	135	159	He	0.364	ug/l	0.6	20000	
Tl	205	209	He	0.014	ug/l	57.2	1000	
[Pb]	206	209	He	0.867	ug/l	3.3		
[Pb]	207	209	He	0.827	ug/l	5.7		
Pb	208	209	He	0.824	ug/l	5.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1913998.51	1.9	101.5	60	125	
Sc (ISICPMS)	45	H2	1013039.21	3.5	96.8	60	125	
Sc (ISICPMS)	45	He	36358.47	2.8	89.1	60	125	
Ge (IS)	74	H2	167054.71	2.5	91.5	60	125	
Ge (IS)	74	He	20690.28	4.1	87.9	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	56241.75	0.3	89.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	360701.01	0.6	92.5	60	125	
Bi (IS)	209	He	320850.04	1.4	92.5	60	125	

Sample Report

File Name 018SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:42:06

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.072	ug/l	27.2	2000	
B	11	6	No Gas	1.071	ug/l	3.5	500	
Na	23	45	He	84.374	ug/l	13.5	500000	
Mg	24	45	He	13.126	ug/l	8.1	500000	
Al	27	45	He	10.419	ug/l	19.9	200000	
K	39	45	He	140.394	ug/l	11.3	500000	
Ca	40	45	H2	19.216	ug/l	9.6	500000	
Ti	47	45	He	-0.219	ug/l	N/A	5000	
V	51	45	He	-0.525	ug/l	N/A	5000	
Cr	52	45	He	0.620	ug/l	51.7	20000	
Mn	55	45	He	0.133	ug/l	140.4	10000	
Fe	56	45	H2	11.053	ug/l	12.1	500000	
Co	59	45	He	-0.004	ug/l	N/A	2000	
Ni	60	45	He	0.398	ug/l	30.4	20000	
Cu	63	45	He	0.847	ug/l	10.6	20000	
Zn	66	45	He	-0.249	ug/l	N/A	20000	
As	75	45	He	-0.010	ug/l	N/A	5000	
Se	78	45	H2	-0.013	ug/l	N/A	2000	
Sr	88	115	He	0.025	ug/l	268.1	5000	
Mo	95	115	He	0.050	ug/l	48.0	2000	
Ag	107	115	He	0.007	ug/l	122.6	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.187	ug/l	N/A	200	
Sb	121	115	He	0.017	ug/l	199.1	200	
Ba	135	159	He	0.046	ug/l	165.1	20000	
Tl	205	209	He	-0.044	ug/l	N/A	1000	
[Pb]	206	209	He	0.556	ug/l	8.4		
[Pb]	207	209	He	0.537	ug/l	15.0		
Pb	208	209	He	0.541	ug/l	6.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1883505.41	2.5	99.9	60	125	
Sc (ISICPMS)	45	H2	978430.80	0.8	93.5	60	125	
Sc (ISICPMS)	45	He	36481.20	1.1	89.4	60	125	
Ge (IS)	74	H2	167495.89	2.5	91.7	60	125	
Ge (IS)	74	He	21866.75	1.5	92.9	60	125	
Kr	83	He	6.67	173.2	50.0			
In-1	115	He	56503.85	0.5	89.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	369138.66	1.0	94.7	60	125	
Bi (IS)	209	He	322610.54	2.0	93.0	60	125	

Sample Report

File Name 019SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:44:18

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.065	ug/l	36.0	2000	
B	11	6	No Gas	1.116	ug/l	15.2	500	
Na	23	45	He	57.371	ug/l	3.5	500000	
Mg	24	45	He	9.989	ug/l	2.3	500000	
Al	27	45	He	5.418	ug/l	46.2	200000	
K	39	45	He	95.895	ug/l	23.4	500000	
Ca	40	45	H2	12.185	ug/l	4.6	500000	
Ti	47	45	He	-0.228	ug/l	N/A	5000	
V	51	45	He	-0.352	ug/l	N/A	5000	
Cr	52	45	He	0.692	ug/l	32.0	20000	
Mn	55	45	He	0.093	ug/l	120.8	10000	
Fe	56	45	H2	5.810	ug/l	3.5	500000	
Co	59	45	He	-0.008	ug/l	N/A	2000	
Ni	60	45	He	0.188	ug/l	49.6	20000	
Cu	63	45	He	0.633	ug/l	12.1	20000	
Zn	66	45	He	-0.068	ug/l	N/A	20000	
As	75	45	He	0.034	ug/l	424.0	5000	
Se	78	45	H2	0.000	ug/l	13815.8	2000	
Sr	88	115	He	0.009	ug/l	275.5	5000	
Mo	95	115	He	0.034	ug/l	152.2	2000	
Ag	107	115	He	-0.004	ug/l	N/A	100	
Cd	111	115	He	0.115	ug/l	137.4	5000	
Sn	118	115	He	-0.101	ug/l	N/A	200	
Sb	121	115	He	0.031	ug/l	95.7	200	
Ba	135	159	He	0.271	ug/l	29.5	20000	
Tl	205	209	He	-0.056	ug/l	N/A	1000	
[Pb]	206	209	He	0.433	ug/l	8.2		
[Pb]	207	209	He	0.440	ug/l	8.6		
Pb	208	209	He	0.420	ug/l	5.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1880309.89	2.2	99.7	60	125	
Sc (ISICPMS)	45	H2	1037181.52	1.7	99.1	60	125	
Sc (ISICPMS)	45	He	37180.62	1.3	91.1	60	125	
Ge (IS)	74	H2	168713.73	2.0	92.4	60	125	
Ge (IS)	74	He	21860.09	2.9	92.9	60	125	
Kr	83	He	6.67	173.2	50.0			
In-1	115	He	57256.29	1.1	91.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	364408.46	1.0	93.5	60	125	
Bi (IS)	209	He	325954.04	1.1	94.0	60	125	

Sample Report

File Name 020SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:46:31

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.025	ug/l	96.2	2000	
B	11	6	No Gas	0.875	ug/l	9.7	500	
Na	23	45	He	60.517	ug/l	8.6	500000	
Mg	24	45	He	11.670	ug/l	9.0	500000	
Al	27	45	He	6.443	ug/l	18.3	200000	
K	39	45	He	104.155	ug/l	15.0	500000	
Ca	40	45	H2	14.397	ug/l	2.9	500000	
Ti	47	45	He	-0.505	ug/l	N/A	5000	
V	51	45	He	-0.438	ug/l	N/A	5000	
Cr	52	45	He	0.730	ug/l	46.0	20000	
Mn	55	45	He	0.111	ug/l	160.9	10000	
Fe	56	45	H2	6.627	ug/l	1.6	500000	
Co	59	45	He	-0.036	ug/l	N/A	2000	
Ni	60	45	He	0.196	ug/l	22.2	20000	
Cu	63	45	He	0.644	ug/l	11.5	20000	
Zn	66	45	He	-0.402	ug/l	N/A	20000	
As	75	45	He	0.078	ug/l	328.2	5000	
Se	78	45	H2	0.005	ug/l	1182.4	2000	
Sr	88	115	He	0.053	ug/l	171.6	5000	
Mo	95	115	He	0.050	ug/l	66.9	2000	
Ag	107	115	He	-0.004	ug/l	N/A	100	
Cd	111	115	He	0.001	ug/l	1887.4	5000	
Sn	118	115	He	-0.115	ug/l	N/A	200	
Sb	121	115	He	0.001	ug/l	2700.4	200	
Ba	135	159	He	0.093	ug/l	144.8	20000	
Tl	205	209	He	-0.072	ug/l	N/A	1000	
[Pb]	206	209	He	0.319	ug/l	16.4		
[Pb]	207	209	He	0.364	ug/l	15.3		
Pb	208	209	He	0.345	ug/l	7.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1892017.94	1.0	100.3	60	125	
Sc (ISICPMS)	45	H2	1004017.30	0.8	95.9	60	125	
Sc (ISICPMS)	45	He	36340.56	1.2	89.1	60	125	
Ge (IS)	74	H2	173023.25	0.7	94.8	60	125	
Ge (IS)	74	He	21225.01	4.1	90.2	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	57063.95	0.9	90.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	363385.52	1.0	93.2	60	125	
Bi (IS)	209	He	322922.05	1.3	93.1	60	125	

Sample Report

File Name 021SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:48:43

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.020	ug/l	134.1	2000	
B	11	6	No Gas	1.034	ug/l	8.8	500	
Na	23	45	He	34.870	ug/l	11.4	500000	
Mg	24	45	He	9.821	ug/l	13.0	500000	
Al	27	45	He	5.710	ug/l	22.7	200000	
K	39	45	He	80.088	ug/l	25.6	500000	
Ca	40	45	H2	11.484	ug/l	3.8	500000	
Ti	47	45	He	-0.514	ug/l	N/A	5000	
V	51	45	He	-0.548	ug/l	N/A	5000	
Cr	52	45	He	0.535	ug/l	42.5	20000	
Mn	55	45	He	0.078	ug/l	320.9	10000	
Fe	56	45	H2	4.788	ug/l	11.2	500000	
Co	59	45	He	-0.035	ug/l	N/A	2000	
Ni	60	45	He	0.079	ug/l	97.2	20000	
Cu	63	45	He	0.365	ug/l	39.4	20000	
Zn	66	45	He	-0.642	ug/l	N/A	20000	
As	75	45	He	-0.036	ug/l	N/A	5000	
Se	78	45	H2	-0.019	ug/l	N/A	2000	
Sr	88	115	He	0.064	ug/l	166.1	5000	
Mo	95	115	He	0.028	ug/l	148.6	2000	
Ag	107	115	He	-0.001	ug/l	N/A	100	
Cd	111	115	He	0.013	ug/l	161.5	5000	
Sn	118	115	He	-0.130	ug/l	N/A	200	
Sb	121	115	He	0.012	ug/l	263.6	200	
Ba	135	159	He	0.089	ug/l	147.7	20000	
Tl	205	209	He	-0.072	ug/l	N/A	1000	
[Pb]	206	209	He	0.207	ug/l	6.7		
[Pb]	207	209	He	0.241	ug/l	7.8		
Pb	208	209	He	0.245	ug/l	6.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1867857.42	2.4	99.0	60	125	
Sc (ISICPMS)	45	H2	1023020.82	2.0	97.7	60	125	
Sc (ISICPMS)	45	He	37271.98	1.2	91.3	60	125	
Ge (IS)	74	H2	171575.74	0.6	94.0	60	125	
Ge (IS)	74	He	21338.64	2.6	90.7	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	58080.22	0.9	92.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	371827.97	0.8	95.4	60	125	
Bi (IS)	209	He	327250.96	0.5	94.4	60	125	

Continuing Calibration Verification (CCV)

File Name 022_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:50:54

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	94.911	ug/l	1.2	100	90	110	
B	11	6	No Gas	240.301	ug/l	2.6	250	225	275	
Na	23	45	He	25937.005	ug/l	2.7	25000	22500	27500	
Mg	24	45	He	26425.770	ug/l	2.1	25000	22500	27500	
Al	27	45	He	25210.012	ug/l	0.8	25000	22500	27500	
K	39	45	He	25054.744	ug/l	2.2	25000	22500	27500	
Ca	40	45	H2	24889.125	ug/l	5.2	25000	22500	27500	
Ti	47	45	He	102.244	ug/l	4.1	100	90	110	
V	51	45	He	99.196	ug/l	1.1	100	90	110	
Cr	52	45	He	100.520	ug/l	0.2	100	90	110	
Mn	55	45	He	98.453	ug/l	1.6	100	90	110	
Fe	56	45	H2	24824.837	ug/l	3.9	25000	22500	27500	
Co	59	45	He	100.319	ug/l	2.3	100	90	110	
Ni	60	45	He	98.917	ug/l	2.2	100	90	110	
Cu	63	45	He	99.834	ug/l	0.8	100	90	110	
Zn	66	45	He	252.357	ug/l	3.1	250	225	275	
As	75	45	He	100.749	ug/l	2.1	100	90	110	
Se	78	45	H2	97.969	ug/l	8.3	100	90	110	
Sr	88	115	He	97.704	ug/l	2.1	100	90	110	
Mo	95	115	He	101.783	ug/l	1.2	100	90	110	
Ag	107	115	He	50.295	ug/l	2.9	50	45	55	
Cd	111	115	He	100.698	ug/l	3.6	100	90	110	
Sn	118	115	He	100.880	ug/l	1.7	100	90	110	
Sb	121	115	He	102.570	ug/l	2.2	100	90	110	
Ba	135	159	He	96.290	ug/l	3.7	100	90	110	
Tl	205	209	He	97.435	ug/l	0.5	100	90	110	
[Pb]	206	209	He	99.173	ug/l	0.4				
[Pb]	207	209	He	98.882	ug/l	2.9				
Pb	208	209	He	98.367	ug/l	0.6	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1943098.56	3.5	103.0	60	125	
Sc (ISICPMS)	45	H2	1092277.80	3.8	104.3	60	125	
Sc (ISICPMS)	45	He	37990.70	1.4	93.1	60	125	
Ge (IS)	74	H2	184883.03	3.1	101.3	60	125	
Ge (IS)	74	He	23397.49	5.3	99.4	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	58041.37	1.5	92.2	60	125	
Tb (IS)	159	He	375791.07	1.2	96.4	60	125	
Bi (IS)	209	He	325784.79	0.8	93.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 023_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 08:53:03

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.041	ug/l	48.7	0.8	-0.8	0.8	
B	11	6	No Gas	4.989	ug/l	2.6	40	-40	40	
Na	23	45	He	35.070	ug/l	29.1	500	-500	500	
Mg	24	45	He	4.499	ug/l	10.6	200	-200	200	
Al	27	45	He	2.720	ug/l	93.1	40	-40	40	
K	39	45	He	61.160	ug/l	17.4	200	-200	200	
Ca	40	45	H2	3.704	ug/l	24.3	500	-500	500	
Ti	47	45	He	-0.801	ug/l	N/A	4	-4	4	
V	51	45	He	-0.232	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.645	ug/l	9.8	4	-4	4	
Mn	55	45	He	0.168	ug/l	29.5	8	-8	8	
Fe	56	45	H2	4.183	ug/l	15.4	60	-60	60	
Co	59	45	He	-0.048	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.160	ug/l	98.7	4	-4	4	
Cu	63	45	He	0.300	ug/l	13.3	4	-4	4	
Zn	66	45	He	-0.734	ug/l	N/A	16	-16	16	
As	75	45	He	-0.211	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.000	ug/l	33416.5	2.5	-2.5	2.5	
Sr	88	115	He	0.047	ug/l	51.9	4	-4	4	
Mo	95	115	He	0.006	ug/l	375.5	4	-4	4	
Ag	107	115	He	0.004	ug/l	105.4	2	-2	2	
Cd	111	115	He	0.001	ug/l	3050.6	2	-2	2	
Sn	118	115	He	-0.181	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.005	ug/l	365.8	2	-2	2	
Ba	135	159	He	0.089	ug/l	146.1	4	-4	4	
Tl	205	209	He	-0.048	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.195	ug/l	11.1				
[Pb]	207	209	He	0.185	ug/l	16.3				
Pb	208	209	He	0.188	ug/l	6.6	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1972772.82	2.7	104.6	60	125	
Sc (ISICPMS)	45	H2	1043451.01	0.7	99.7	60	125	
Sc (ISICPMS)	45	He	38060.78	1.3	93.3	60	125	
Ge (IS)	74	H2	177032.74	0.7	97.0	60	125	
Ge (IS)	74	He	22438.13	2.0	95.4	60	125	
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	59457.42	0.4	94.5	60	125	
Tb (IS)	159	He	369863.95	1.3	94.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	332158.17	1.4	95.8	60	125	

Sample Report

File Name 024SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:02:57

Sample Name **MB 460-775265/1-A**

Comment ---

Dilution **1.0000**

Vial # 2101

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.012	ug/l	48.4	2000	
B	11	6	No Gas	0.577	ug/l	35.6	500	
Na	23	45	He	23.153	ug/l	45.3	500000	
Mg	24	45	He	1.706	ug/l	75.1	500000	
Al	27	45	He	0.505	ug/l	387.0	200000	
K	39	45	He	62.557	ug/l	9.4	500000	
Ca	40	45	H2	-1.572	ug/l	N/A	500000	
Ti	47	45	He	-0.517	ug/l	N/A	5000	
V	51	45	He	-0.176	ug/l	N/A	5000	
Cr	52	45	He	0.277	ug/l	16.1	20000	
Mn	55	45	He	0.055	ug/l	321.3	10000	
Fe	56	45	H2	-0.057	ug/l	N/A	500000	
Co	59	45	He	-0.039	ug/l	N/A	2000	
Ni	60	45	He	-0.119	ug/l	N/A	20000	
Cu	63	45	He	0.183	ug/l	61.9	20000	
Zn	66	45	He	-0.863	ug/l	N/A	20000	
As	75	45	He	-0.023	ug/l	N/A	5000	
Se	78	45	H2	-0.018	ug/l	N/A	2000	
Sr	88	115	He	-0.036	ug/l	N/A	5000	
Mo	95	115	He	0.007	ug/l	138.6	2000	
Ag	107	115	He	-0.008	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.082	ug/l	184.8	200	
Sb	121	115	He	0.014	ug/l	96.7	200	
Ba	135	159	He	0.133	ug/l	57.2	20000	
Tl	205	209	He	-0.088	ug/l	N/A	1000	
[Pb]	206	209	He	0.095	ug/l	15.2		
[Pb]	207	209	He	0.072	ug/l	44.9		
Pb	208	209	He	0.085	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1987676.38	3.0	105.4	60	125	
Sc (ISICPMS)	45	H2	1022869.36	2.5	97.7	60	125	
Sc (ISICPMS)	45	He	37843.50	1.1	92.7	60	125	
Ge (IS)	74	H2	179221.50	1.3	98.2	60	125	
Ge (IS)	74	He	22498.45	2.1	95.6	60	125	
Kr	83	He	6.67	173.2	50.0			
In-1	115	He	58873.27	0.7	93.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	372822.37	0.1	95.6	60	125	
Bi (IS)	209	He	330018.09	0.7	95.2	60	125	

Sample Report

File Name 025SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:06:30

Sample Name **MB 460-775264/1-A**

Comment ---

Dilution **1.0000**

Vial # 2401

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.008	ug/l	286.5	2000	
B	11	6	No Gas	0.558	ug/l	25.3	500	
Na	23	45	He	11.268	ug/l	90.7	500000	
Mg	24	45	He	1.523	ug/l	53.0	500000	
Al	27	45	He	-0.108	ug/l	N/A	200000	
K	39	45	He	66.397	ug/l	12.7	500000	
Ca	40	45	H2	1.819	ug/l	8.9	500000	
Ti	47	45	He	-0.387	ug/l	N/A	5000	
V	51	45	He	-0.187	ug/l	N/A	5000	
Cr	52	45	He	0.313	ug/l	80.4	20000	
Mn	55	45	He	-0.032	ug/l	N/A	10000	
Fe	56	45	H2	-0.497	ug/l	N/A	500000	
Co	59	45	He	-0.024	ug/l	N/A	2000	
Ni	60	45	He	0.051	ug/l	89.3	20000	
Cu	63	45	He	0.099	ug/l	154.9	20000	
Zn	66	45	He	-0.255	ug/l	N/A	20000	
As	75	45	He	-0.108	ug/l	N/A	5000	
Se	78	45	H2	-0.082	ug/l	N/A	2000	
Sr	88	115	He	-0.036	ug/l	N/A	5000	
Mo	95	115	He	0.017	ug/l	230.5	2000	
Ag	107	115	He	-0.009	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.109	ug/l	400.1	200	
Sb	121	115	He	0.014	ug/l	125.6	200	
Ba	135	159	He	0.177	ug/l	43.7	20000	
Tl	205	209	He	-0.082	ug/l	N/A	1000	
[Pb]	206	209	He	0.098	ug/l	34.0		
[Pb]	207	209	He	0.073	ug/l	16.1		
Pb	208	209	He	0.077	ug/l	8.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2028893.91	2.7	107.6	60	125	
Sc (ISICPMS)	45	H2	1051804.95	1.9	100.5	60	125	
Sc (ISICPMS)	45	He	38072.06	2.5	93.3	60	125	
Ge (IS)	74	H2	177391.44	1.7	97.2	60	125	
Ge (IS)	74	He	22615.26	1.6	96.1	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	59068.24	1.8	93.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	372282.74	1.0	95.5	60	125	
Bi (IS)	209	He	330788.64	0.5	95.4	60	125	

Sample Report

File Name 026SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:08:47

Sample Name **MB 460-775144/1-A**

Comment ---

Dilution **1.0000**

Vial # 2101

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.017	ug/l	143.1	2000	
B	11	6	No Gas	0.304	ug/l	63.9	500	
Na	23	45	He	1.915	ug/l	404.7	500000	
Mg	24	45	He	1.162	ug/l	71.5	500000	
Al	27	45	He	-0.738	ug/l	N/A	200000	
K	39	45	He	56.618	ug/l	26.2	500000	
Ca	40	45	H2	-1.933	ug/l	N/A	500000	
Ti	47	45	He	-0.661	ug/l	N/A	5000	
V	51	45	He	-0.171	ug/l	N/A	5000	
Cr	52	45	He	0.217	ug/l	54.0	20000	
Mn	55	45	He	-0.198	ug/l	N/A	10000	
Fe	56	45	H2	0.608	ug/l	81.1	500000	
Co	59	45	He	-0.049	ug/l	N/A	2000	
Ni	60	45	He	0.041	ug/l	91.1	20000	
Cu	63	45	He	0.043	ug/l	160.9	20000	
Zn	66	45	He	-1.447	ug/l	N/A	20000	
As	75	45	He	0.136	ug/l	141.6	5000	
Se	78	45	H2	-0.040	ug/l	N/A	2000	
Sr	88	115	He	0.022	ug/l	231.0	5000	
Mo	95	115	He	-0.004	ug/l	N/A	2000	
Ag	107	115	He	-0.004	ug/l	N/A	100	
Cd	111	115	He	0.001	ug/l	2193.6	5000	
Sn	118	115	He	-0.122	ug/l	N/A	200	
Sb	121	115	He	0.006	ug/l	362.1	200	
Ba	135	159	He	0.002	ug/l	4565.4	20000	
Tl	205	209	He	-0.093	ug/l	N/A	1000	
[Pb]	206	209	He	0.088	ug/l	41.0		
[Pb]	207	209	He	0.041	ug/l	60.3		
Pb	208	209	He	0.074	ug/l	6.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1949787.33	0.9	103.4	60	125	
Sc (ISICPMS)	45	H2	1034074.12	0.5	98.8	60	125	
Sc (ISICPMS)	45	He	38542.45	1.6	94.5	60	125	
Ge (IS)	74	H2	179888.15	1.6	98.5	60	125	
Ge (IS)	74	He	22588.63	0.7	96.0	60	125	
Kr	83	He	13.35	43.3	100.0			
In-1	115	He	58364.67	0.6	92.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	373644.63	0.2	95.9	60	125	
Bi (IS)	209	He	332191.17	1.7	95.8	60	125	

Sample Report

File Name 027SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:10:59

Sample Name **MB 460-775074/1-A**

Comment ---

Dilution **1.0000**

Vial # 2401

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.001	ug/l	1639.2	2000	
B	11	6	No Gas	0.168	ug/l	186.5	500	
Na	23	45	He	0.240	ug/l	1079.3	500000	
Mg	24	45	He	0.084	ug/l	1270.8	500000	
Al	27	45	He	0.031	ug/l	6850.2	200000	
K	39	45	He	54.027	ug/l	12.0	500000	
Ca	40	45	H2	1.783	ug/l	49.6	500000	
Ti	47	45	He	-0.525	ug/l	N/A	5000	
V	51	45	He	-0.172	ug/l	N/A	5000	
Cr	52	45	He	0.150	ug/l	173.8	20000	
Mn	55	45	He	-0.080	ug/l	N/A	10000	
Fe	56	45	H2	-0.352	ug/l	N/A	500000	
Co	59	45	He	-0.029	ug/l	N/A	2000	
Ni	60	45	He	0.002	ug/l	4334.5	20000	
Cu	63	45	He	0.174	ug/l	15.5	20000	
Zn	66	45	He	-0.738	ug/l	N/A	20000	
As	75	45	He	-0.042	ug/l	N/A	5000	
Se	78	45	H2	0.044	ug/l	432.7	2000	
Sr	88	115	He	-0.020	ug/l	N/A	5000	
Mo	95	115	He	0.007	ug/l	129.7	2000	
Ag	107	115	He	0.006	ug/l	187.1	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.311	ug/l	27.1	200	
Sb	121	115	He	0.043	ug/l	16.0	200	
Ba	135	159	He	0.089	ug/l	147.1	20000	
Tl	205	209	He	-0.096	ug/l	N/A	1000	
[Pb]	206	209	He	0.056	ug/l	35.4		
[Pb]	207	209	He	0.045	ug/l	53.7		
Pb	208	209	He	0.072	ug/l	11.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2002691.69	3.1	106.2	60	125	
Sc (ISICPMS)	45	H2	1034824.97	1.4	98.8	60	125	
Sc (ISICPMS)	45	He	38223.38	0.9	93.7	60	125	
Ge (IS)	74	H2	178479.65	1.2	97.7	60	125	
Ge (IS)	74	He	21836.48	2.9	92.8	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	57953.98	2.1	92.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	370768.33	1.5	95.1	60	125	
Bi (IS)	209	He	330874.40	1.0	95.4	60	125	

Sample Report

File Name 028SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:13:11

Sample Name **LB 460-774897/1-D@10**

Comment ---

Dilution **1.0000**

Vial # 4109

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.007	ug/l	N/A	2000	
B	11	6	No Gas	0.911	ug/l	10.8	500	
Na	23	45	He	19.208	ug/l	100.2	500000	
Mg	24	45	He	0.388	ug/l	120.0	500000	
Al	27	45	He	1.610	ug/l	106.5	200000	
K	39	45	He	63.156	ug/l	36.4	500000	
Ca	40	45	H2	1.016	ug/l	141.6	500000	
Ti	47	45	He	-0.801	ug/l	N/A	5000	
V	51	45	He	-0.193	ug/l	N/A	5000	
Cr	52	45	He	0.235	ug/l	48.8	20000	
Mn	55	45	He	0.041	ug/l	543.9	10000	
Fe	56	45	H2	0.620	ug/l	106.7	500000	
Co	59	45	He	-0.038	ug/l	N/A	2000	
Ni	60	45	He	0.127	ug/l	160.5	20000	
Cu	63	45	He	0.122	ug/l	24.1	20000	
Zn	66	45	He	-0.689	ug/l	N/A	20000	
As	75	45	He	-0.022	ug/l	N/A	5000	
Se	78	45	H2	-0.082	ug/l	N/A	2000	
Sr	88	115	He	0.035	ug/l	113.4	5000	
Mo	95	115	He	0.002	ug/l	1186.8	2000	
Ag	107	115	He	0.001	ug/l	1176.4	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.064	ug/l	N/A	200	
Sb	121	115	He	0.030	ug/l	90.2	200	
Ba	135	159	He	0.133	ug/l	114.0	20000	
Tl	205	209	He	-0.090	ug/l	N/A	1000	
[Pb]	206	209	He	0.068	ug/l	17.2		
[Pb]	207	209	He	0.061	ug/l	53.8		
Pb	208	209	He	0.065	ug/l	20.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1985852.66	1.3	105.3	60	125	
Sc (ISICPMS)	45	H2	1037083.86	2.8	99.1	60	125	
Sc (ISICPMS)	45	He	37665.36	3.1	92.3	60	125	
Ge (IS)	74	H2	178731.22	1.0	97.9	60	125	
Ge (IS)	74	He	22896.03	1.5	97.3	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	58315.31	2.1	92.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	372383.45	1.9	95.5	60	125	
Bi (IS)	209	He	325782.13	1.3	93.9	60	125	

Sample Report

File Name 029SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:15:23

Sample Name **LB 460-774901/1-G@10**

Comment ---

Dilution **1.0000**

Vial # 4110

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.004	ug/l	N/A	2000	
B	11	6	No Gas	1.816	ug/l	4.0	500	
Na	23	45	He	151758.826	ug/l	4.2	500000	
Mg	24	45	He	1.979	ug/l	25.0	500000	
Al	27	45	He	1.734	ug/l	122.1	200000	
K	39	45	He	85.896	ug/l	17.4	500000	
Ca	40	45	H2	4.247	ug/l	56.5	500000	
Ti	47	45	He	-0.661	ug/l	N/A	5000	
V	51	45	He	-0.135	ug/l	N/A	5000	
Cr	52	45	He	0.464	ug/l	23.7	20000	
Mn	55	45	He	0.175	ug/l	95.8	10000	
Fe	56	45	H2	1.806	ug/l	87.3	500000	
Co	59	45	He	-0.027	ug/l	N/A	2000	
Ni	60	45	He	0.243	ug/l	60.1	20000	
Cu	63	45	He	0.277	ug/l	24.6	20000	
Zn	66	45	He	-0.584	ug/l	N/A	20000	
As	75	45	He	0.004	ug/l	934.7	5000	
Se	78	45	H2	-0.060	ug/l	N/A	2000	
Sr	88	115	He	0.108	ug/l	60.0	5000	
Mo	95	115	He	0.033	ug/l	99.1	2000	
Ag	107	115	He	-0.012	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.164	ug/l	N/A	200	
Sb	121	115	He	0.003	ug/l	878.4	200	
Ba	135	159	He	0.047	ug/l	329.6	20000	
Tl	205	209	He	-0.092	ug/l	N/A	1000	
[Pb]	206	209	He	0.091	ug/l	31.3		
[Pb]	207	209	He	0.066	ug/l	45.1		
Pb	208	209	He	0.088	ug/l	23.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1963553.10	3.1	104.1	60	125	
Sc (ISICPMS)	45	H2	1007123.46	3.8	96.2	60	125	
Sc (ISICPMS)	45	He	38658.24	2.3	94.7	60	125	
Ge (IS)	74	H2	185217.27	0.9	101.4	60	125	
Ge (IS)	74	He	22822.57	3.4	97.0	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	58014.31	0.6	92.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	370334.39	1.6	95.0	60	125	
Bi (IS)	209	He	318949.69	0.9	92.0	60	125	

Sample Report

File Name 030SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:17:34

Sample Name **LCSSRM 460-775264/2-A@5**

Comment ---

Dilution **1.0000**

Vial # 2402

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	293.293	ug/l	3.9	2000	
B	11	6	No Gas	487.207	ug/l	3.7	500	
Na	23	45	He	301.754	ug/l	7.6	500000	
Mg	24	45	He	4963.254	ug/l	3.4	500000	
Al	27	45	He	16577.232	ug/l	1.6	200000	
K	39	45	He	4133.314	ug/l	5.8	500000	
Ca	40	45	H2	9504.306	ug/l	3.8	500000	
Ti	47	45	He	681.768	ug/l	3.8	5000	
V	51	45	He	191.958	ug/l	2.0	5000	
Cr	52	45	He	228.377	ug/l	3.1	20000	
Mn	55	45	He	625.447	ug/l	1.8	10000	
Fe	56	45	H2	28552.032	ug/l	1.5	500000	
Co	59	45	He	183.001	ug/l	2.7	2000	
Ni	60	45	He	163.971	ug/l	3.0	20000	
Cu	63	45	He	275.538	ug/l	1.5	20000	
Zn	66	45	He	599.562	ug/l	2.5	20000	
As	75	45	He	327.424	ug/l	2.7	5000	
Se	78	45	H2	355.455	ug/l	3.3	2000	
Sr	88	115	He	191.220	ug/l	2.2	5000	
Mo	95	115	He	84.802	ug/l	3.6	2000	
Ag	107	115	He	47.630	ug/l	2.7	100	
Cd	111	115	He	262.715	ug/l	0.5	5000	
Sn	118	115	He	173.635	ug/l	1.9	200	
Sb	121	115	He	128.396	ug/l	1.8	200	
Ba	135	159	He	265.285	ug/l	0.5	20000	
Tl	205	209	He	173.944	ug/l	0.9	1000	
[Pb]	206	209	He	152.723	ug/l	0.6		
[Pb]	207	209	He	143.619	ug/l	0.8		
Pb	208	209	He	149.139	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1990340.25	2.3	105.5	60	125	
Sc (ISICPMS)	45	H2	1049588.68	3.4	100.2	60	125	
Sc (ISICPMS)	45	He	39644.19	2.7	97.2	60	125	
Ge (IS)	74	H2	190440.28	3.7	104.3	60	125	
Ge (IS)	74	He	24507.27	1.7	104.1	60	125	
Kr	83	He	20.02	50.0	150.0			
In-1	115	He	60253.04	2.1	95.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	380016.84	0.7	97.5	60	125	
Bi (IS)	209	He	329910.85	0.9	95.1	60	125	

Sample Report

File Name 031SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:19:43

Sample Name **LCSSRM 460-775265/2-A@5**

Comment ---

Dilution **1.0000**

Vial # 2102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	330.242	ug/l	0.7	2000	
B	11	6	No Gas	544.529	ug/l	2.2	500	>LDR 6020B
Na	23	45	He	292.708	ug/l	6.7	500000	
Mg	24	45	He	5248.046	ug/l	2.4	500000	
Al	27	45	He	18073.009	ug/l	0.9	200000	
K	39	45	He	4353.133	ug/l	2.2	500000	
Ca	40	45	H2	10314.393	ug/l	2.3	500000	
Ti	47	45	He	748.946	ug/l	1.9	5000	
V	51	45	He	216.323	ug/l	1.7	5000	
Cr	52	45	He	253.052	ug/l	2.3	20000	
Mn	55	45	He	730.415	ug/l	0.9	10000	
Fe	56	45	H2	32774.780	ug/l	2.5	500000	
Co	59	45	He	203.238	ug/l	1.1	2000	
Ni	60	45	He	177.459	ug/l	1.3	20000	
Cu	63	45	He	302.821	ug/l	0.5	20000	
Zn	66	45	He	660.681	ug/l	1.1	20000	
As	75	45	He	358.809	ug/l	0.7	5000	
Se	78	45	H2	396.648	ug/l	2.8	2000	
Sr	88	115	He	216.210	ug/l	1.6	5000	
Mo	95	115	He	93.360	ug/l	1.5	2000	
Ag	107	115	He	52.630	ug/l	1.1	100	
Cd	111	115	He	288.857	ug/l	1.0	5000	
Sn	118	115	He	196.035	ug/l	0.9	200	
Sb	121	115	He	142.413	ug/l	0.9	200	
Ba	135	159	He	286.460	ug/l	1.6	20000	
Tl	205	209	He	191.836	ug/l	2.4	1000	
[Pb]	206	209	He	173.716	ug/l	1.3		
[Pb]	207	209	He	162.305	ug/l	0.6		
Pb	208	209	He	167.677	ug/l	0.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2038831.43	2.5	108.1	60	125	
Sc (ISICPMS)	45	H2	1080239.69	2.4	103.2	60	125	
Sc (ISICPMS)	45	He	40425.41	1.1	99.1	60	125	
Ge (IS)	74	H2	198924.60	2.7	108.9	60	125	
Ge (IS)	74	He	25202.55	2.0	107.1	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	60813.85	0.9	96.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	389888.71	0.9	100.0	60	125	
Bi (IS)	209	He	333749.35	1.2	96.2	60	125	

Sample Report

File Name 032SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:21:54

Sample Name **LCS 460-775144/2-A**

Comment ---

Dilution **1.0000**

Vial # 3102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	25.495	ug/l	6.7	2000	
B	11	6	No Gas	512.750	ug/l	6.0	500	>LDR 6020B
Na	23	45	He	2758.115	ug/l	2.2	500000	
Mg	24	45	He	2768.228	ug/l	1.7	500000	
Al	27	45	He	2641.758	ug/l	2.2	200000	
K	39	45	He	2714.478	ug/l	2.4	500000	
Ca	40	45	H2	2671.373	ug/l	3.9	500000	
Ti	47	45	He	50.498	ug/l	7.4	5000	
V	51	45	He	52.169	ug/l	1.4	5000	
Cr	52	45	He	52.714	ug/l	4.7	20000	
Mn	55	45	He	263.373	ug/l	2.8	10000	
Fe	56	45	H2	2763.668	ug/l	1.4	500000	
Co	59	45	He	26.110	ug/l	4.1	2000	
Ni	60	45	He	53.894	ug/l	0.9	20000	
Cu	63	45	He	52.796	ug/l	3.4	20000	
Zn	66	45	He	247.648	ug/l	2.7	20000	
As	75	45	He	51.758	ug/l	6.5	5000	
Se	78	45	H2	50.435	ug/l	7.9	2000	
Sr	88	115	He	51.662	ug/l	5.2	5000	
Mo	95	115	He	54.138	ug/l	2.8	2000	
Ag	107	115	He	26.512	ug/l	3.2	100	
Cd	111	115	He	27.132	ug/l	5.2	5000	
Sn	118	115	He	53.079	ug/l	1.4	200	
Sb	121	115	He	26.896	ug/l	2.0	200	
Ba	135	159	He	56.097	ug/l	6.1	20000	
Tl	205	209	He	20.563	ug/l	1.7	1000	
[Pb]	206	209	He	25.995	ug/l	0.6		
[Pb]	207	209	He	25.821	ug/l	0.8		
Pb	208	209	He	25.837	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2107835.66	4.3	111.8	60	125	
Sc (ISICPMS)	45	H2	1091958.80	4.7	104.3	60	125	
Sc (ISICPMS)	45	He	40540.11	2.7	99.3	60	125	
Ge (IS)	74	H2	185275.51	2.3	101.5	60	125	
Ge (IS)	74	He	24076.11	2.7	102.3	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	60182.03	1.8	95.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	382279.96	1.4	98.1	60	125	
Bi (IS)	209	He	332685.34	1.1	95.9	60	125	

Continuing Calibration Verification (CCV)

File Name 033_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:24:04

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	93.288	ug/l	1.5	100	90	110	
B	11	6	No Gas	249.796	ug/l	2.4	250	225	275	
Na	23	45	He	26074.247	ug/l	2.9	25000	22500	27500	
Mg	24	45	He	26653.493	ug/l	2.1	25000	22500	27500	
Al	27	45	He	25773.190	ug/l	1.1	25000	22500	27500	
K	39	45	He	25430.465	ug/l	0.3	25000	22500	27500	
Ca	40	45	H2	24882.370	ug/l	3.2	25000	22500	27500	
Ti	47	45	He	99.269	ug/l	11.1	100	90	110	
V	51	45	He	99.534	ug/l	2.2	100	90	110	
Cr	52	45	He	100.707	ug/l	0.8	100	90	110	
Mn	55	45	He	99.974	ug/l	3.1	100	90	110	
Fe	56	45	H2	25612.293	ug/l	2.1	25000	22500	27500	
Co	59	45	He	101.736	ug/l	1.2	100	90	110	
Ni	60	45	He	102.199	ug/l	0.8	100	90	110	
Cu	63	45	He	99.778	ug/l	0.7	100	90	110	
Zn	66	45	He	247.558	ug/l	0.8	250	225	275	
As	75	45	He	101.490	ug/l	4.6	100	90	110	
Se	78	45	H2	99.512	ug/l	5.6	100	90	110	
Sr	88	115	He	98.583	ug/l	5.3	100	90	110	
Mo	95	115	He	99.839	ug/l	1.7	100	90	110	
Ag	107	115	He	49.594	ug/l	0.8	50	45	55	
Cd	111	115	He	97.479	ug/l	3.6	100	90	110	
Sn	118	115	He	97.755	ug/l	0.2	100	90	110	
Sb	121	115	He	99.122	ug/l	0.8	100	90	110	
Ba	135	159	He	95.215	ug/l	1.6	100	90	110	
Tl	205	209	He	98.514	ug/l	1.2	100	90	110	
[Pb]	206	209	He	97.991	ug/l	1.7				
[Pb]	207	209	He	98.549	ug/l	1.3				
Pb	208	209	He	98.129	ug/l	1.5	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2074317.21	2.4	110.0	60	125	
Sc (ISICPMS)	45	H2	1098060.89	3.6	104.9	60	125	
Sc (ISICPMS)	45	He	39075.80	1.6	95.8	60	125	
Ge (IS)	74	H2	196425.66	4.0	107.6	60	125	
Ge (IS)	74	He	24396.97	4.3	103.7	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	59816.36	0.9	95.0	60	125	
Tb (IS)	159	He	378658.33	0.4	97.1	60	125	
Bi (IS)	209	He	325795.37	0.2	93.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 034_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:26:12

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.041	ug/l	44.0	0.8	-0.8	0.8	
B	11	6	No Gas	10.859	ug/l	3.6	40	-40	40	
Na	23	45	He	-4.815	ug/l	N/A	500	-500	500	
Mg	24	45	He	1.636	ug/l	25.0	200	-200	200	
Al	27	45	He	0.525	ug/l	324.7	40	-40	40	
K	39	45	He	57.083	ug/l	49.5	200	-200	200	
Ca	40	45	H2	0.634	ug/l	142.4	500	-500	500	
Ti	47	45	He	-0.801	ug/l	N/A	4	-4	4	
V	51	45	He	-0.155	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.041	ug/l	821.8	4	-4	4	
Mn	55	45	He	-0.062	ug/l	N/A	8	-8	8	
Fe	56	45	H2	1.036	ug/l	9.0	60	-60	60	
Co	59	45	He	-0.015	ug/l	N/A	4	-4	4	
Ni	60	45	He	-0.101	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.073	ug/l	51.1	4	-4	4	
Zn	66	45	He	-1.376	ug/l	N/A	16	-16	16	
As	75	45	He	0.039	ug/l	429.4	2	-2	2	
Se	78	45	H2	0.032	ug/l	271.5	2.5	-2.5	2.5	
Sr	88	115	He	-0.052	ug/l	N/A	4	-4	4	
Mo	95	115	He	0.001	ug/l	3059.9	4	-4	4	
Ag	107	115	He	0.003	ug/l	143.9	2	-2	2	
Cd	111	115	He	-0.011	ug/l	0.0	2	-2	2	
Sn	118	115	He	-0.290	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.029	ug/l	44.4	2	-2	2	
Ba	135	159	He	-0.042	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.062	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.090	ug/l	11.0				
[Pb]	207	209	He	0.079	ug/l	45.1				
Pb	208	209	He	0.074	ug/l	4.4	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2061614.83	1.4	109.3	60	125	
Sc (ISICPMS)	45	H2	1099438.68	2.0	105.0	60	125	
Sc (ISICPMS)	45	He	39948.25	0.7	97.9	60	125	
Ge (IS)	74	H2	185866.32	1.5	101.8	60	125	
Ge (IS)	74	He	23634.80	1.3	100.4	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	61577.29	1.6	97.8	60	125	
Tb (IS)	159	He	383828.35	0.8	98.5	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	341290.52	0.9	98.4	60	125	

Sample Report

File Name 035SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:28:25

Sample Name **LCS 460-775074/2-A@10**

Comment ---

Dilution **1.0000**

Vial # 4102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	105.488	ug/l	1.0	2000	
B	11	6	No Gas	109.664	ug/l	2.4	500	
Na	23	45	He	2223.216	ug/l	2.1	500000	
Mg	24	45	He	2243.892	ug/l	3.3	500000	
Al	27	45	He	528.461	ug/l	3.0	200000	
K	39	45	He	2235.783	ug/l	3.1	500000	
Ca	40	45	H2	2193.290	ug/l	2.8	500000	
Ti	47	45	He	104.715	ug/l	6.7	5000	
V	51	45	He	53.098	ug/l	1.0	5000	
Cr	52	45	He	533.910	ug/l	2.0	20000	
Mn	55	45	He	109.353	ug/l	2.5	10000	
Fe	56	45	H2	116.090	ug/l	2.8	500000	
Co	59	45	He	107.760	ug/l	2.4	2000	
Ni	60	45	He	109.692	ug/l	1.8	20000	
Cu	63	45	He	108.620	ug/l	2.0	20000	
Zn	66	45	He	105.798	ug/l	1.1	20000	
As	75	45	He	543.002	ug/l	2.5	5000	
Se	78	45	H2	106.844	ug/l	5.9	2000	
Sr	88	115	He	109.186	ug/l	0.1	5000	
Mo	95	115	He	110.115	ug/l	1.3	2000	
Ag	107	115	He	52.949	ug/l	0.9	100	
Cd	111	115	He	109.422	ug/l	1.4	5000	
Sn	118	115	He	109.928	ug/l	1.8	200	
Sb	121	115	He	107.534	ug/l	1.4	200	
Ba	135	159	He	1078.179	ug/l	1.1	20000	
Tl	205	209	He	105.713	ug/l	0.8	1000	
[Pb]	206	209	He	528.015	ug/l	1.0		
[Pb]	207	209	He	513.552	ug/l	0.4		
Pb	208	209	He	522.747	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1988075.18	2.9	105.4	60	125	
Sc (ISICPMS)	45	H2	1095801.72	3.0	104.7	60	125	
Sc (ISICPMS)	45	He	40681.71	2.0	99.7	60	125	
Ge (IS)	74	H2	186638.74	0.5	102.2	60	125	
Ge (IS)	74	He	23424.26	3.3	99.5	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	60964.07	0.9	96.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	381738.66	0.6	97.9	60	125	
Bi (IS)	209	He	337803.61	0.9	97.4	60	125	

Sample Report

File Name 036SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:30:37

Sample Name **pds 200-58080-B-5-N@10**

Comment ---

Dilution **1.0000**

Vial # 4103

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	28.564	ug/l	2.1	2000	
B	11	6	No Gas	560.954	ug/l	2.3	500	>LDR 6020B
Na	23	45	He	148413.154	ug/l	2.7	500000	
Mg	24	45	He	4997.602	ug/l	2.0	500000	
Al	27	45	He	2817.639	ug/l	3.6	200000	
K	39	45	He	3090.431	ug/l	0.8	500000	
Ca	40	45	H2	4473.032	ug/l	1.5	500000	
Ti	47	45	He	53.273	ug/l	10.4	5000	
V	51	45	He	55.125	ug/l	0.6	5000	
Cr	52	45	He	62.919	ug/l	1.8	20000	
Mn	55	45	He	428.132	ug/l	0.7	10000	
Fe	56	45	H2	2829.322	ug/l	4.1	500000	
Co	59	45	He	28.690	ug/l	3.4	2000	
Ni	60	45	He	59.078	ug/l	4.0	20000	
Cu	63	45	He	69.189	ug/l	1.0	20000	
Zn	66	45	He	359.607	ug/l	1.4	20000	
As	75	45	He	58.281	ug/l	5.2	5000	
Se	78	45	H2	61.455	ug/l	6.7	2000	
Sr	88	115	He	489.261	ug/l	2.8	5000	
Mo	95	115	He	55.738	ug/l	1.2	2000	
Ag	107	115	He	25.617	ug/l	0.2	100	
Cd	111	115	He	29.242	ug/l	6.3	5000	
Sn	118	115	He	56.291	ug/l	1.2	200	
Sb	121	115	He	29.902	ug/l	1.0	200	
Ba	135	159	He	811.615	ug/l	1.0	20000	
Tl	205	209	He	21.907	ug/l	2.6	1000	
[Pb]	206	209	He	56.974	ug/l	2.9		
[Pb]	207	209	He	55.972	ug/l	3.2		
Pb	208	209	He	56.179	ug/l	2.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1961607.09	2.2	104.0	60	125	
Sc (ISICPMS)	45	H2	1030582.60	3.4	98.4	60	125	
Sc (ISICPMS)	45	He	40790.67	1.2	100.0	60	125	
Ge (IS)	74	H2	192841.43	4.0	105.6	60	125	
Ge (IS)	74	He	24540.63	2.7	104.3	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	61452.32	1.6	97.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	385787.47	1.4	99.0	60	125	
Bi (IS)	209	He	329905.54	2.7	95.1	60	125	

Sample Report

File Name 037SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:32:47

Sample Name **200-58080-B-5-P MS@10**

Comment ---

Dilution **1.0000**

Vial # 4104

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	105.755	ug/l	0.4	2000	
B	11	6	No Gas	123.005	ug/l	1.7	500	
Na	23	45	He	152038.586	ug/l	0.8	500000	
Mg	24	45	He	4537.997	ug/l	1.8	500000	
Al	27	45	He	629.743	ug/l	2.1	200000	
K	39	45	He	2631.149	ug/l	1.1	500000	
Ca	40	45	H2	3884.749	ug/l	1.1	500000	
Ti	47	45	He	109.819	ug/l	4.3	5000	
V	51	45	He	54.852	ug/l	2.4	5000	
Cr	52	45	He	555.523	ug/l	2.7	20000	
Mn	55	45	He	277.280	ug/l	0.5	10000	
Fe	56	45	H2	132.668	ug/l	0.2	500000	
Co	59	45	He	111.570	ug/l	0.4	2000	
Ni	60	45	He	117.538	ug/l	2.9	20000	
Cu	63	45	He	124.010	ug/l	0.9	20000	
Zn	66	45	He	207.000	ug/l	1.0	20000	
As	75	45	He	562.654	ug/l	0.5	5000	
Se	78	45	H2	113.632	ug/l	1.7	2000	
Sr	88	115	He	561.972	ug/l	0.3	5000	
Mo	95	115	He	113.590	ug/l	1.8	2000	
Ag	107	115	He	52.917	ug/l	1.8	100	
Cd	111	115	He	112.012	ug/l	3.7	5000	
Sn	118	115	He	112.269	ug/l	2.3	200	
Sb	121	115	He	116.547	ug/l	1.2	200	
Ba	135	159	He	1871.879	ug/l	1.9	20000	
Tl	205	209	He	108.285	ug/l	1.5	1000	
[Pb]	206	209	He	571.352	ug/l	1.1		
[Pb]	207	209	He	558.552	ug/l	1.0		
Pb	208	209	He	563.314	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2023747.05	1.2	107.3	60	125	
Sc (ISICPMS)	45	H2	1066053.30	0.3	101.8	60	125	
Sc (ISICPMS)	45	He	39978.44	1.2	98.0	60	125	
Ge (IS)	74	H2	194507.58	1.3	106.5	60	125	
Ge (IS)	74	He	24888.31	0.8	105.8	60	125	
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	60098.46	1.1	95.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	384620.40	0.5	98.7	60	125	
Bi (IS)	209	He	332096.10	0.8	95.8	60	125	

Sample Report

File Name 038SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:34:57

Sample Name **200-58080-B-5-O DU@10**

Comment ---

Dilution **1.0000**

Vial # 4105

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.084	ug/l	25.0	2000	
B	11	6	No Gas	13.363	ug/l	1.5	500	
Na	23	45	He	154995.991	ug/l	3.6	500000	
Mg	24	45	He	2249.556	ug/l	1.8	500000	
Al	27	45	He	66.207	ug/l	23.8	200000	
K	39	45	He	393.134	ug/l	1.2	500000	
Ca	40	45	H2	1665.047	ug/l	1.4	500000	
Ti	47	45	He	-0.139	ug/l	N/A	5000	
V	51	45	He	-0.262	ug/l	N/A	5000	
Cr	52	45	He	6.408	ug/l	3.3	20000	
Mn	55	45	He	167.955	ug/l	3.5	10000	
Fe	56	45	H2	16.483	ug/l	4.4	500000	
Co	59	45	He	0.891	ug/l	10.9	2000	
Ni	60	45	He	4.899	ug/l	7.0	20000	
Cu	63	45	He	14.524	ug/l	2.4	20000	
Zn	66	45	He	101.574	ug/l	4.2	20000	
As	75	45	He	0.069	ug/l	178.1	5000	
Se	78	45	H2	0.036	ug/l	250.4	2000	
Sr	88	115	He	457.737	ug/l	1.7	5000	
Mo	95	115	He	0.021	ug/l	148.5	2000	
Ag	107	115	He	0.001	ug/l	908.4	100	
Cd	111	115	He	1.220	ug/l	3.5	5000	
Sn	118	115	He	0.090	ug/l	251.2	200	
Sb	121	115	He	2.872	ug/l	4.7	200	
Ba	135	159	He	758.517	ug/l	0.8	20000	
Tl	205	209	He	-0.049	ug/l	N/A	1000	
[Pb]	206	209	He	26.862	ug/l	4.2		
[Pb]	207	209	He	25.589	ug/l	3.4		
Pb	208	209	He	26.007	ug/l	1.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2025055.02	1.3	107.4	60	125	
Sc (ISICPMS)	45	H2	1075628.28	1.0	102.7	60	125	
Sc (ISICPMS)	45	He	40144.35	2.6	98.4	60	125	
Ge (IS)	74	H2	194588.49	0.2	106.6	60	125	
Ge (IS)	74	He	24493.90	1.4	104.1	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	60687.93	2.1	96.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	393452.27	1.9	100.9	60	125	
Bi (IS)	209	He	336039.68	0.8	96.9	60	125	

Sample Report

File Name 039SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:37:08

Sample Name **200-58080-B-5-N@10**

Comment ---

Dilution **1.0000**

Vial # 4106

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.045	ug/l	13.0	2000	
B	11	6	No Gas	10.092	ug/l	5.0	500	
Na	23	45	He	148835.131	ug/l	3.6	500000	
Mg	24	45	He	2216.746	ug/l	1.8	500000	
Al	27	45	He	66.645	ug/l	11.0	200000	
K	39	45	He	384.222	ug/l	5.0	500000	
Ca	40	45	H2	1602.050	ug/l	1.5	500000	
Ti	47	45	He	0.002	ug/l	23394.6	5000	
V	51	45	He	-0.216	ug/l	N/A	5000	
Cr	52	45	He	6.285	ug/l	1.4	20000	
Mn	55	45	He	169.363	ug/l	2.7	10000	
Fe	56	45	H2	14.755	ug/l	4.1	500000	
Co	59	45	He	0.910	ug/l	9.2	2000	
Ni	60	45	He	4.803	ug/l	12.8	20000	
Cu	63	45	He	14.532	ug/l	0.8	20000	
Zn	66	45	He	98.609	ug/l	0.9	20000	
As	75	45	He	0.196	ug/l	44.4	5000	
Se	78	45	H2	0.036	ug/l	89.0	2000	
Sr	88	115	He	449.562	ug/l	2.6	5000	
Mo	95	115	He	0.021	ug/l	110.4	2000	
Ag	107	115	He	-0.006	ug/l	N/A	100	
Cd	111	115	He	1.430	ug/l	6.1	5000	
Sn	118	115	He	-0.178	ug/l	N/A	200	
Sb	121	115	He	2.834	ug/l	7.7	200	
Ba	135	159	He	768.640	ug/l	2.8	20000	
Tl	205	209	He	-0.083	ug/l	N/A	1000	
[Pb]	206	209	He	26.433	ug/l	0.4		
[Pb]	207	209	He	25.305	ug/l	2.5		
Pb	208	209	He	25.896	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2034678.86	1.6	107.9	60	125	
Sc (ISICPMS)	45	H2	1074335.39	1.9	102.6	60	125	
Sc (ISICPMS)	45	He	40185.93	2.2	98.5	60	125	
Ge (IS)	74	H2	193867.45	0.7	106.2	60	125	
Ge (IS)	74	He	24229.78	0.7	103.0	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	60759.61	0.7	96.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	382114.72	1.7	98.0	60	125	
Bi (IS)	209	He	334859.66	1.1	96.6	60	125	

Sample Report

File Name 040SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:39:19

Sample Name **sd 200-58080-B-5-N@50**

Comment ---

Dilution **1.0000**

Vial # 4107

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.027	ug/l	132.4	2000	
B	11	6	No Gas	4.121	ug/l	10.4	500	
Na	23	45	He	32122.856	ug/l	2.0	500000	
Mg	24	45	He	468.919	ug/l	4.3	500000	
Al	27	45	He	13.615	ug/l	16.0	200000	
K	39	45	He	97.656	ug/l	10.9	500000	
Ca	40	45	H2	345.268	ug/l	2.3	500000	
Ti	47	45	He	-0.665	ug/l	N/A	5000	
V	51	45	He	-0.317	ug/l	N/A	5000	
Cr	52	45	He	1.557	ug/l	11.6	20000	
Mn	55	45	He	35.557	ug/l	2.9	10000	
Fe	56	45	H2	6.119	ug/l	14.4	500000	
Co	59	45	He	0.170	ug/l	23.8	2000	
Ni	60	45	He	0.972	ug/l	1.3	20000	
Cu	63	45	He	3.100	ug/l	5.1	20000	
Zn	66	45	He	40.236	ug/l	4.7	20000	
As	75	45	He	-0.026	ug/l	N/A	5000	
Se	78	45	H2	0.020	ug/l	374.0	2000	
Sr	88	115	He	91.541	ug/l	1.8	5000	
Mo	95	115	He	-0.009	ug/l	N/A	2000	
Ag	107	115	He	-0.008	ug/l	N/A	100	
Cd	111	115	He	0.292	ug/l	19.0	5000	
Sn	118	115	He	-0.179	ug/l	N/A	200	
Sb	121	115	He	0.592	ug/l	8.6	200	
Ba	135	159	He	159.618	ug/l	4.1	20000	
Tl	205	209	He	-0.095	ug/l	N/A	1000	
[Pb]	206	209	He	5.643	ug/l	4.2		
[Pb]	207	209	He	5.310	ug/l	1.3		
Pb	208	209	He	5.454	ug/l	2.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2102949.34	4.2	111.5	60	125	
Sc (ISICPMS)	45	H2	1066213.07	3.7	101.8	60	125	
Sc (ISICPMS)	45	He	40290.40	2.8	98.7	60	125	
Ge (IS)	74	H2	187439.25	2.2	102.7	60	125	
Ge (IS)	74	He	24076.00	1.9	102.3	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	61506.52	0.7	97.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	385349.89	0.4	98.9	60	125	
Bi (IS)	209	He	339978.33	1.5	98.0	60	125	

Sample Report

File Name 041SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:41:30

Sample Name **460-232280-A-3-M@10**

Comment ---

Dilution **1.0000**

Vial # 4108

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.011	ug/l	362.3	2000	
B	11	6	No Gas	36.081	ug/l	3.0	500	
Na	23	45	He	153263.001	ug/l	1.2	500000	
Mg	24	45	He	1238.559	ug/l	0.8	500000	
Al	27	45	He	11.993	ug/l	94.5	200000	
K	39	45	He	5328.574	ug/l	3.7	500000	
Ca	40	45	H2	92215.020	ug/l	3.1	500000	
Ti	47	45	He	-0.185	ug/l	N/A	5000	
V	51	45	He	-0.412	ug/l	N/A	5000	
Cr	52	45	He	0.967	ug/l	22.1	20000	
Mn	55	45	He	73.127	ug/l	1.3	10000	
Fe	56	45	H2	7.284	ug/l	2.4	500000	
Co	59	45	He	1.796	ug/l	1.4	2000	
Ni	60	45	He	3.211	ug/l	12.3	20000	
Cu	63	45	He	2.847	ug/l	8.7	20000	
Zn	66	45	He	1.757	ug/l	32.4	20000	
As	75	45	He	0.138	ug/l	33.0	5000	
Se	78	45	H2	1.462	ug/l	22.9	2000	
Sr	88	115	He	381.425	ug/l	3.4	5000	
Mo	95	115	He	2.733	ug/l	3.8	2000	
Ag	107	115	He	-0.016	ug/l	N/A	100	
Cd	111	115	He	0.111	ug/l	75.2	5000	
Sn	118	115	He	-0.014	ug/l	N/A	200	
Sb	121	115	He	0.113	ug/l	11.2	200	
Ba	135	159	He	17.742	ug/l	7.4	20000	
Tl	205	209	He	4.013	ug/l	1.7	1000	
[Pb]	206	209	He	0.222	ug/l	10.1		
[Pb]	207	209	He	0.197	ug/l	18.2		
Pb	208	209	He	0.193	ug/l	11.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1857180.87	3.3	98.5	60	125	
Sc (ISICPMS)	45	H2	947350.64	1.8	90.5	60	125	
Sc (ISICPMS)	45	He	34649.55	2.1	84.9	60	125	
Ge (IS)	74	H2	177348.86	1.8	97.1	60	125	
Ge (IS)	74	He	21535.89	0.8	91.5	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	52802.34	3.0	83.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	348901.09	2.3	89.5	60	125	
Bi (IS)	209	He	306366.64	1.2	88.3	60	125	

Sample Report

File Name 042SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:43:39

Sample Name **460-233109-B-2-C**

Comment ---

Dilution **1.0000**

Vial # 2312

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	4.232	ug/l	6.5	2000	
B	11	6	No Gas	29.424	ug/l	4.6	500	
Na	23	45	He	1149.087	ug/l	1.8	500000	
Mg	24	45	He	24346.470	ug/l	1.5	500000	
Al	27	45	He	79234.895	ug/l	0.2	200000	
K	39	45	He	6715.076	ug/l	1.4	500000	
Ca	40	45	H2	29958.219	ug/l	2.1	500000	
Ti	47	45	He	2304.338	ug/l	1.5	5000	
V	51	45	He	203.517	ug/l	2.2	5000	
Cr	52	45	He	169.995	ug/l	2.4	20000	
Mn	55	45	He	3757.597	ug/l	1.6	10000	
Fe	56	45	H2	139564.159	ug/l	4.5	500000	
Co	59	45	He	62.958	ug/l	2.3	2000	
Ni	60	45	He	111.353	ug/l	1.3	20000	
Cu	63	45	He	203.748	ug/l	2.3	20000	
Zn	66	45	He	1239.941	ug/l	1.6	20000	
As	75	45	He	32.249	ug/l	0.8	5000	
Se	78	45	H2	1.600	ug/l	37.7	2000	
Sr	88	115	He	194.532	ug/l	4.1	5000	
Mo	95	115	He	4.969	ug/l	10.2	2000	
Ag	107	115	He	0.714	ug/l	5.3	100	
Cd	111	115	He	2.161	ug/l	14.7	5000	
Sn	118	115	He	55.626	ug/l	4.6	200	
Sb	121	115	He	1.673	ug/l	6.0	200	
Ba	135	159	He	680.395	ug/l	0.7	20000	
Tl	205	209	He	0.756	ug/l	10.1	1000	
[Pb]	206	209	He	1266.420	ug/l	1.5		
[Pb]	207	209	He	1197.806	ug/l	1.3		
Pb	208	209	He	1204.234	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1868522.02	1.7	99.1	60	125	
Sc (ISICPMS)	45	H2	1068485.75	1.5	102.1	60	125	
Sc (ISICPMS)	45	He	42141.72	1.0	103.3	60	125	
Ge (IS)	74	H2	193238.71	1.1	105.8	60	125	
Ge (IS)	74	He	26459.59	0.7	112.4	60	125	
Kr	83	He	43.38	58.1	325.0			
In-1	115	He	62154.56	1.6	98.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	398278.51	1.0	102.2	60	125	
Bi (IS)	209	He	342933.54	0.5	98.9	60	125	

Sample Report

File Name 043SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:45:49

Sample Name **460-232909-E-1-I**

Comment ---

Dilution **1.0000**

Vial # 2302

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.851	ug/l	5.2	2000	
B	11	6	No Gas	9.733	ug/l	5.6	500	
Na	23	45	He	159.822	ug/l	4.0	500000	
Mg	24	45	He	1936.238	ug/l	2.6	500000	
Al	27	45	He	36765.455	ug/l	1.3	200000	
K	39	45	He	1532.853	ug/l	2.3	500000	
Ca	40	45	H2	2761.117	ug/l	2.3	500000	
Ti	47	45	He	669.140	ug/l	4.4	5000	
V	51	45	He	74.371	ug/l	1.7	5000	
Cr	52	45	He	58.765	ug/l	1.9	20000	
Mn	55	45	He	204.813	ug/l	0.7	10000	
Fe	56	45	H2	40899.522	ug/l	2.0	500000	
Co	59	45	He	7.627	ug/l	2.3	2000	
Ni	60	45	He	15.726	ug/l	1.6	20000	
Cu	63	45	He	53.466	ug/l	0.6	20000	
Zn	66	45	He	60.227	ug/l	5.4	20000	
As	75	45	He	12.505	ug/l	10.3	5000	
Se	78	45	H2	0.766	ug/l	21.3	2000	
Sr	88	115	He	23.295	ug/l	5.6	5000	
Mo	95	115	He	3.688	ug/l	0.4	2000	
Ag	107	115	He	0.082	ug/l	32.8	100	
Cd	111	115	He	0.133	ug/l	71.9	5000	
Sn	118	115	He	2.083	ug/l	17.0	200	
Sb	121	115	He	0.360	ug/l	20.5	200	
Ba	135	159	He	64.664	ug/l	8.5	20000	
Tl	205	209	He	0.177	ug/l	7.8	1000	
[Pb]	206	209	He	45.944	ug/l	2.1		
[Pb]	207	209	He	43.138	ug/l	1.9		
Pb	208	209	He	44.600	ug/l	2.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2110292.17	1.5	111.9	60	125	
Sc (ISICPMS)	45	H2	1081214.17	1.7	103.3	60	125	
Sc (ISICPMS)	45	He	42300.77	0.3	103.7	60	125	
Ge (IS)	74	H2	212545.24	1.0	116.4	60	125	
Ge (IS)	74	He	27098.18	1.0	115.2	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	64294.25	1.4	102.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	403853.69	1.3	103.6	60	125	
Bi (IS)	209	He	349684.09	1.5	100.8	60	125	

Sample Report

File Name 044SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:47:59

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.001	ug/l	N/A	2000	
B	11	6	No Gas	1.987	ug/l	16.8	500	
Na	23	45	He	-0.282	ug/l	N/A	500000	
Mg	24	45	He	2.714	ug/l	39.6	500000	
Al	27	45	He	5.340	ug/l	19.2	200000	
K	39	45	He	15.277	ug/l	26.7	500000	
Ca	40	45	H2	8.234	ug/l	12.7	500000	
Ti	47	45	He	-0.293	ug/l	N/A	5000	
V	51	45	He	-0.247	ug/l	N/A	5000	
Cr	52	45	He	-0.072	ug/l	N/A	20000	
Mn	55	45	He	0.074	ug/l	132.7	10000	
Fe	56	45	H2	4.258	ug/l	16.2	500000	
Co	59	45	He	-0.045	ug/l	N/A	2000	
Ni	60	45	He	-0.183	ug/l	N/A	20000	
Cu	63	45	He	0.061	ug/l	49.4	20000	
Zn	66	45	He	-1.328	ug/l	N/A	20000	
As	75	45	He	-0.087	ug/l	N/A	5000	
Se	78	45	H2	-0.086	ug/l	N/A	2000	
Sr	88	115	He	0.024	ug/l	419.9	5000	
Mo	95	115	He	0.000	ug/l	N/A	2000	
Ag	107	115	He	-0.001	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.290	ug/l	N/A	200	
Sb	121	115	He	-0.012	ug/l	N/A	200	
Ba	135	159	He	0.081	ug/l	0.9	20000	
Tl	205	209	He	-0.099	ug/l	N/A	1000	
[Pb]	206	209	He	0.154	ug/l	28.7		
[Pb]	207	209	He	0.105	ug/l	23.1		
Pb	208	209	He	0.126	ug/l	3.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2052751.34	2.7	108.8	60	125	
Sc (ISICPMS)	45	H2	1126042.81	2.4	107.5	60	125	
Sc (ISICPMS)	45	He	42024.59	0.5	103.0	60	125	
Ge (IS)	74	H2	190549.08	2.4	104.4	60	125	
Ge (IS)	74	He	24346.81	2.2	103.5	60	125	
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	63767.62	0.8	101.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	397547.04	0.6	102.0	60	125	
Bi (IS)	209	He	345741.24	0.6	99.7	60	125	

Continuing Calibration Verification (CCV)

File Name 045_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:50:10

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	97.377	ug/l	0.6	100	90	110	
B	11	6	No Gas	248.310	ug/l	2.0	250	225	275	
Na	23	45	He	25243.211	ug/l	1.7	25000	22500	27500	
Mg	24	45	He	25750.613	ug/l	0.4	25000	22500	27500	
Al	27	45	He	24714.822	ug/l	1.2	25000	22500	27500	
K	39	45	He	24566.202	ug/l	1.3	25000	22500	27500	
Ca	40	45	H2	26912.390	ug/l	3.9	25000	22500	27500	
Ti	47	45	He	95.734	ug/l	1.6	100	90	110	
V	51	45	He	97.113	ug/l	1.8	100	90	110	
Cr	52	45	He	98.484	ug/l	1.7	100	90	110	
Mn	55	45	He	98.217	ug/l	2.5	100	90	110	
Fe	56	45	H2	27328.463	ug/l	1.3	25000	22500	27500	
Co	59	45	He	98.129	ug/l	1.8	100	90	110	
Ni	60	45	He	99.241	ug/l	2.7	100	90	110	
Cu	63	45	He	98.084	ug/l	2.9	100	90	110	
Zn	66	45	He	241.199	ug/l	1.4	250	225	275	
As	75	45	He	98.518	ug/l	3.9	100	90	110	
Se	78	45	H2	109.311	ug/l	6.0	100	90	110	
Sr	88	115	He	98.733	ug/l	6.2	100	90	110	
Mo	95	115	He	98.950	ug/l	1.1	100	90	110	
Ag	107	115	He	49.699	ug/l	1.5	50	45	55	
Cd	111	115	He	100.102	ug/l	1.3	100	90	110	
Sn	118	115	He	98.548	ug/l	3.0	100	90	110	
Sb	121	115	He	100.132	ug/l	2.7	100	90	110	
Ba	135	159	He	95.705	ug/l	5.8	100	90	110	
Tl	205	209	He	97.682	ug/l	1.9	100	90	110	
[Pb]	206	209	He	98.924	ug/l	2.3				
[Pb]	207	209	He	97.910	ug/l	2.3				
Pb	208	209	He	97.886	ug/l	2.0	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2055771.43	0.8	109.0	60	125	
Sc (ISICPMS)	45	H2	1073913.72	3.8	102.6	60	125	
Sc (ISICPMS)	45	He	40942.34	0.5	100.3	60	125	
Ge (IS)	74	H2	196827.33	4.4	107.8	60	125	
Ge (IS)	74	He	24667.59	1.0	104.8	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	61626.85	1.0	97.9	60	125	
Tb (IS)	159	He	385943.02	2.6	99.0	60	125	
Bi (IS)	209	He	333788.31	1.0	96.2	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 046_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:52:19

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.030	ug/l	102.9	0.8	-0.8	0.8	
B	11	6	No Gas	5.981	ug/l	2.9	40	-40	40	
Na	23	45	He	10.855	ug/l	35.4	500	-500	500	
Mg	24	45	He	1.592	ug/l	31.4	200	-200	200	
Al	27	45	He	3.602	ug/l	85.2	40	-40	40	
K	39	45	He	18.942	ug/l	49.6	200	-200	200	
Ca	40	45	H2	2.092	ug/l	42.3	500	-500	500	
Ti	47	45	He	-0.801	ug/l	N/A	4	-4	4	
V	51	45	He	-0.086	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.008	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.152	ug/l	17.7	8	-8	8	
Fe	56	45	H2	2.502	ug/l	23.8	60	-60	60	
Co	59	45	He	-0.026	ug/l	N/A	4	-4	4	
Ni	60	45	He	-0.086	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.048	ug/l	186.5	4	-4	4	
Zn	66	45	He	-1.619	ug/l	N/A	16	-16	16	
As	75	45	He	-0.079	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.031	ug/l	106.8	2.5	-2.5	2.5	
Sr	88	115	He	0.026	ug/l	263.1	4	-4	4	
Mo	95	115	He	0.014	ug/l	54.2	4	-4	4	
Ag	107	115	He	-0.005	ug/l	N/A	2	-2	2	
Cd	111	115	He	-0.011	ug/l	0.0	2	-2	2	
Sn	118	115	He	-0.052	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.019	ug/l	21.0	2	-2	2	
Ba	135	159	He	0.000	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.069	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.122	ug/l	24.0				
[Pb]	207	209	He	0.075	ug/l	7.5				
Pb	208	209	He	0.104	ug/l	2.2	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2036561.06	1.8	108.0	60	125	
Sc (ISICPMS)	45	H2	1110931.89	0.5	106.1	60	125	
Sc (ISICPMS)	45	He	40805.31	1.5	100.0	60	125	
Ge (IS)	74	H2	189744.07	0.7	103.9	60	125	
Ge (IS)	74	He	23701.63	2.4	100.7	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	63205.22	1.8	100.4	60	125	
Tb (IS)	159	He	388771.40	0.2	99.7	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	344343.76	0.3	99.3	60	125	

Sample Report

File Name 047SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:54:31

Sample Name **pds 460-233032-E-1-C**

Comment ---

Dilution **1.0000**

Vial # 2103

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	30.239	ug/l	2.2	2000	
B	11	6	No Gas	520.108	ug/l	0.9	500	>LDR 6020B
Na	23	45	He	3860.033	ug/l	1.5	500000	
Mg	24	45	He	47735.687	ug/l	5.0	500000	
Al	27	45	He	163085.768	ug/l	1.1	200000	
K	39	45	He	19965.982	ug/l	2.0	500000	
Ca	40	45	H2	35992.030	ug/l	2.5	500000	
Ti	47	45	He	8040.253	ug/l	2.3	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	401.573	ug/l	0.6	5000	
Cr	52	45	He	308.766	ug/l	2.2	20000	
Mn	55	45	He	7161.114	ug/l	0.6	10000	
Fe	56	45	H2	255607.021	ug/l	0.7	500000	
Co	59	45	He	122.603	ug/l	0.2	2000	
Ni	60	45	He	245.607	ug/l	1.6	20000	
Cu	63	45	He	270.752	ug/l	1.8	20000	
Zn	66	45	He	1963.894	ug/l	1.4	20000	
As	75	45	He	92.793	ug/l	3.2	5000	
Se	78	45	H2	55.401	ug/l	1.6	2000	
Sr	88	115	He	227.373	ug/l	1.0	5000	
Mo	95	115	He	62.208	ug/l	0.4	2000	
Ag	107	115	He	25.131	ug/l	2.8	100	
Cd	111	115	He	30.436	ug/l	0.9	5000	
Sn	118	115	He	69.980	ug/l	1.5	200	
Sb	121	115	He	27.853	ug/l	0.2	200	
Ba	135	159	He	1346.722	ug/l	2.7	20000	
Tl	205	209	He	22.325	ug/l	1.5	1000	
[Pb]	206	209	He	1566.486	ug/l	3.4		
[Pb]	207	209	He	1564.035	ug/l	2.5		
Pb	208	209	He	1524.998	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2183023.62	4.1	115.8	60	125	
Sc (ISICPMS)	45	H2	1194490.86	1.4	114.1	60	125	
Sc (ISICPMS)	45	He	42977.45	1.0	105.3	60	125	
Ge (IS)	74	H2	211921.87	1.3	116.1	60	125	
Ge (IS)	74	He	26837.31	2.0	114.0	60	125	
Kr	83	He	50.05	20.0	375.0			
In-1	115	He	63419.23	1.7	100.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	404198.85	1.5	103.7	60	125	
Bi (IS)	209	He	341136.47	1.5	98.4	60	125	

Sample Report

File Name 048SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:56:40

Sample Name **460-233032-E-1-E MS**

Comment ---

Dilution **1.0000**

Vial # 2104

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	53.280	ug/l	2.4	2000	
B	11	6	No Gas	980.273	ug/l	2.9	500	>LDR 6020B
Na	23	45	He	6505.740	ug/l	1.4	500000	
Mg	24	45	He	53950.371	ug/l	2.3	500000	
Al	27	45	He	177956.191	ug/l	1.8	200000	
K	39	45	He	22629.186	ug/l	2.7	500000	
Ca	40	45	H2	43704.380	ug/l	8.2	500000	
Ti	47	45	He	8258.280	ug/l	2.4	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	459.604	ug/l	2.2	5000	
Cr	52	45	He	362.944	ug/l	3.1	20000	
Mn	55	45	He	5229.296	ug/l	1.8	10000	
Fe	56	45	H2	264245.115	ug/l	7.9	500000	
Co	59	45	He	135.708	ug/l	3.8	2000	
Ni	60	45	He	298.599	ug/l	2.5	20000	
Cu	63	45	He	321.149	ug/l	2.1	20000	
Zn	66	45	He	2277.139	ug/l	4.4	20000	
As	75	45	He	139.396	ug/l	4.0	5000	
Se	78	45	H2	94.663	ug/l	6.8	2000	
Sr	88	115	He	301.879	ug/l	4.6	5000	
Mo	95	115	He	105.559	ug/l	1.7	2000	
Ag	107	115	He	49.317	ug/l	2.2	100	
Cd	111	115	He	52.578	ug/l	4.6	5000	
Sn	118	115	He	91.478	ug/l	5.3	200	
Sb	121	115	He	13.297	ug/l	1.9	200	
Ba	135	159	He	1371.777	ug/l	4.3	20000	
Tl	205	209	He	39.613	ug/l	1.1	1000	
[Pb]	206	209	He	1657.597	ug/l	4.2		
[Pb]	207	209	He	1635.581	ug/l	2.0		
Pb	208	209	He	1635.025	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2045403.29	2.8	108.5	60	125	
Sc (ISICPMS)	45	H2	1172649.45	1.8	112.0	60	125	
Sc (ISICPMS)	45	He	42523.95	1.5	104.2	60	125	
Ge (IS)	74	H2	211501.59	2.6	115.8	60	125	
Ge (IS)	74	He	26182.16	1.0	111.3	60	125	
Kr	83	He	36.70	31.5	275.0			
In-1	115	He	61932.80	3.5	98.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	408031.46	2.0	104.7	60	125	
Bi (IS)	209	He	336057.53	1.2	96.9	60	125	

Sample Report

File Name 049SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 09:58:49

Sample Name **460-233032-E-1-D DU**

Comment ---

Dilution **1.0000**

Vial # 2105

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.570	ug/l	8.0	2000	
B	11	6	No Gas	47.042	ug/l	2.5	500	
Na	23	45	He	1267.359	ug/l	3.1	500000	
Mg	24	45	He	45786.463	ug/l	1.1	500000	
Al	27	45	He	166541.840	ug/l	1.2	200000	
K	39	45	He	17180.435	ug/l	1.0	500000	
Ca	40	45	H2	41116.674	ug/l	3.4	500000	
Ti	47	45	He	8156.986	ug/l	0.9	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	368.607	ug/l	3.0	5000	
Cr	52	45	He	263.771	ug/l	2.8	20000	
Mn	55	45	He	5780.704	ug/l	2.1	10000	
Fe	56	45	H2	273281.219	ug/l	4.4	500000	
Co	59	45	He	93.643	ug/l	3.3	2000	
Ni	60	45	He	195.969	ug/l	1.2	20000	
Cu	63	45	He	234.395	ug/l	2.0	20000	
Zn	66	45	He	1829.142	ug/l	1.5	20000	
As	75	45	He	46.722	ug/l	3.7	5000	
Se	78	45	H2	5.069	ug/l	10.7	2000	
Sr	88	115	He	194.653	ug/l	4.2	5000	
Mo	95	115	He	10.317	ug/l	6.1	2000	
Ag	107	115	He	1.230	ug/l	5.0	100	
Cd	111	115	He	4.495	ug/l	15.3	5000	
Sn	118	115	He	17.903	ug/l	3.3	200	
Sb	121	115	He	1.618	ug/l	3.8	200	
Ba	135	159	He	1295.310	ug/l	4.8	20000	
Tl	205	209	He	1.877	ug/l	3.1	1000	
[Pb]	206	209	He	1595.750	ug/l	3.5		
[Pb]	207	209	He	1582.012	ug/l	4.2		
Pb	208	209	He	1552.048	ug/l	3.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2099078.58	2.2	111.3	60	125	
Sc (ISICPMS)	45	H2	1161770.57	4.3	111.0	60	125	
Sc (ISICPMS)	45	He	42742.22	1.7	104.7	60	125	
Ge (IS)	74	H2	208982.03	1.1	114.5	60	125	
Ge (IS)	74	He	26747.25	1.1	113.7	60	125	
Kr	83	He	43.38	58.1	325.0			
In-1	115	He	61723.78	1.3	98.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	401158.00	3.1	102.9	60	125	
Bi (IS)	209	He	336812.62	2.4	97.1	60	125	

Sample Report

File Name 050SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:00:57

Sample Name **460-233032-E-1-C**

Comment ---

Dilution **1.0000**

Vial # 2106

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.615	ug/l	1.1	2000	
B	11	6	No Gas	35.950	ug/l	2.5	500	
Na	23	45	He	1204.002	ug/l	2.6	500000	
Mg	24	45	He	45275.929	ug/l	2.1	500000	
Al	27	45	He	162932.825	ug/l	0.9	200000	
K	39	45	He	17507.659	ug/l	0.5	500000	
Ca	40	45	H2	35209.781	ug/l	1.5	500000	
Ti	47	45	He	8025.176	ug/l	1.8	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	351.357	ug/l	0.6	5000	
Cr	52	45	He	255.334	ug/l	0.8	20000	
Mn	55	45	He	7076.632	ug/l	0.6	10000	
Fe	56	45	H2	262696.087	ug/l	1.6	500000	
Co	59	45	He	97.144	ug/l	0.3	2000	
Ni	60	45	He	196.176	ug/l	2.5	20000	
Cu	63	45	He	224.342	ug/l	0.4	20000	
Zn	66	45	He	1704.066	ug/l	0.2	20000	
As	75	45	He	44.261	ug/l	3.2	5000	
Se	78	45	H2	5.193	ug/l	7.4	2000	
Sr	88	115	He	186.958	ug/l	1.8	5000	
Mo	95	115	He	10.353	ug/l	7.0	2000	
Ag	107	115	He	1.298	ug/l	7.1	100	
Cd	111	115	He	4.732	ug/l	7.0	5000	
Sn	118	115	He	18.330	ug/l	6.9	200	
Sb	121	115	He	1.692	ug/l	11.5	200	
Ba	135	159	He	1340.324	ug/l	1.9	20000	
Tl	205	209	He	1.914	ug/l	2.0	1000	
[Pb]	206	209	He	1559.699	ug/l	0.2		
[Pb]	207	209	He	1476.769	ug/l	1.2		
Pb	208	209	He	1487.794	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2036077.21	1.2	108.0	60	125	
Sc (ISICPMS)	45	H2	1147378.06	1.3	109.6	60	125	
Sc (ISICPMS)	45	He	42640.86	0.6	104.5	60	125	
Ge (IS)	74	H2	208378.77	0.5	114.1	60	125	
Ge (IS)	74	He	26894.06	3.0	114.3	60	125	
Kr	83	He	50.05	20.0	375.0			
In-1	115	He	60386.14	0.4	95.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	388265.14	0.5	99.6	60	125	
Bi (IS)	209	He	344392.85	0.6	99.3	60	125	

Sample Report

File Name 051SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:03:06

Sample Name **sd 460-233032-E-1-C@5**

Comment ---

Dilution **1.0000**

Vial # 2107

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.106	ug/l	3.2	2000	
B	11	6	No Gas	10.750	ug/l	2.0	500	
Na	23	45	He	238.287	ug/l	4.9	500000	
Mg	24	45	He	9973.578	ug/l	0.6	500000	
Al	27	45	He	34616.409	ug/l	1.3	200000	
K	39	45	He	3682.236	ug/l	2.2	500000	
Ca	40	45	H2	7374.468	ug/l	1.5	500000	
Ti	47	45	He	1691.895	ug/l	1.9	5000	
V	51	45	He	74.268	ug/l	1.2	5000	
Cr	52	45	He	54.154	ug/l	3.0	20000	
Mn	55	45	He	1487.264	ug/l	2.2	10000	
Fe	56	45	H2	55906.569	ug/l	2.7	500000	
Co	59	45	He	21.183	ug/l	3.8	2000	
Ni	60	45	He	41.040	ug/l	3.8	20000	
Cu	63	45	He	47.783	ug/l	4.0	20000	
Zn	66	45	He	370.965	ug/l	2.4	20000	
As	75	45	He	9.090	ug/l	13.7	5000	
Se	78	45	H2	1.048	ug/l	37.6	2000	
Sr	88	115	He	35.654	ug/l	3.2	5000	
Mo	95	115	He	1.993	ug/l	6.4	2000	
Ag	107	115	He	0.273	ug/l	14.2	100	
Cd	111	115	He	0.928	ug/l	22.3	5000	
Sn	118	115	He	4.254	ug/l	19.0	200	
Sb	121	115	He	0.310	ug/l	12.2	200	
Ba	135	159	He	268.947	ug/l	3.7	20000	
Tl	205	209	He	0.304	ug/l	12.9	1000	
[Pb]	206	209	He	325.071	ug/l	0.4		
[Pb]	207	209	He	315.518	ug/l	0.7		
Pb	208	209	He	317.991	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2093580.76	2.8	111.0	60	125	
Sc (ISICPMS)	45	H2	1117903.16	4.7	106.8	60	125	
Sc (ISICPMS)	45	He	41350.08	1.7	101.3	60	125	
Ge (IS)	74	H2	206434.28	2.7	113.1	60	125	
Ge (IS)	74	He	26205.49	1.8	111.4	60	125	
Kr	83	He	20.02	50.0	150.0			
In-1	115	He	63391.62	1.0	100.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	395769.84	0.3	101.5	60	125	
Bi (IS)	209	He	342430.97	0.7	98.7	60	125	

Sample Report

File Name 052SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:05:16

Sample Name **460-232498-A-1-E**

Comment ---

Dilution **1.0000**

Vial # 2108

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	4.996	ug/l	1.3	2000	
B	11	6	No Gas	76.469	ug/l	2.8	500	
Na	23	45	He	2590.103	ug/l	1.7	500000	
Mg	24	45	He	40599.803	ug/l	4.6	500000	
Al	27	45	He	89935.074	ug/l	1.0	200000	
K	39	45	He	15215.855	ug/l	0.6	500000	
Ca	40	45	H2	115561.334	ug/l	5.6	500000	
Ti	47	45	He	2419.389	ug/l	2.0	5000	
V	51	45	He	273.978	ug/l	0.9	5000	
Cr	52	45	He	261.051	ug/l	0.7	20000	
Mn	55	45	He	3211.920	ug/l	0.7	10000	
Fe	56	45	H2	212669.576	ug/l	0.6	500000	
Co	59	45	He	72.603	ug/l	1.0	2000	
Ni	60	45	He	285.757	ug/l	0.8	20000	
Cu	63	45	He	412.384	ug/l	1.2	20000	
Zn	66	45	He	1350.956	ug/l	1.5	20000	
As	75	45	He	86.133	ug/l	1.7	5000	
Se	78	45	H2	4.064	ug/l	21.4	2000	
Sr	88	115	He	734.266	ug/l	2.4	5000	
Mo	95	115	He	9.105	ug/l	4.0	2000	
Ag	107	115	He	1.931	ug/l	6.1	100	
Cd	111	115	He	3.805	ug/l	13.5	5000	
Sn	118	115	He	150.004	ug/l	2.2	200	
Sb	121	115	He	4.315	ug/l	3.3	200	
Ba	135	159	He	726.546	ug/l	1.8	20000	
Tl	205	209	He	1.121	ug/l	2.9	1000	
[Pb]	206	209	He	4033.033	ug/l	2.6		
[Pb]	207	209	He	3895.313	ug/l	1.3		
Pb	208	209	He	3930.791	ug/l	0.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2024682.85	2.6	107.4	60	125	
Sc (ISICPMS)	45	H2	1077167.14	1.1	102.9	60	125	
Sc (ISICPMS)	45	He	40257.96	2.0	98.7	60	125	
Ge (IS)	74	H2	193166.92	1.6	105.8	60	125	
Ge (IS)	74	He	24366.80	0.9	103.6	60	125	
Kr	83	He	30.03	33.3	225.0			
In-1	115	He	58329.18	0.3	92.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	381955.34	1.3	98.0	60	125	
Bi (IS)	209	He	327958.34	0.9	94.6	60	125	

Sample Report

File Name 053SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:07:24

Sample Name **460-232498-A-2-E**

Comment ---

Dilution **1.0000**

Vial # 2109

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.041	ug/l	2.6	2000	
B	11	6	No Gas	83.545	ug/l	2.2	500	
Na	23	45	He	3383.517	ug/l	3.2	500000	
Mg	24	45	He	39323.236	ug/l	4.9	500000	
Al	27	45	He	94562.453	ug/l	2.2	200000	
K	39	45	He	15901.661	ug/l	2.3	500000	
Ca	40	45	H2	145629.055	ug/l	0.5	500000	
Ti	47	45	He	2269.455	ug/l	2.5	5000	
V	51	45	He	226.889	ug/l	1.7	5000	
Cr	52	45	He	252.663	ug/l	2.3	20000	
Mn	55	45	He	4573.612	ug/l	2.1	10000	
Fe	56	45	H2	197047.310	ug/l	0.8	500000	
Co	59	45	He	70.704	ug/l	3.2	2000	
Ni	60	45	He	264.225	ug/l	2.8	20000	
Cu	63	45	He	352.486	ug/l	2.2	20000	
Zn	66	45	He	1145.980	ug/l	5.1	20000	
As	75	45	He	157.819	ug/l	3.7	5000	
Se	78	45	H2	3.046	ug/l	9.4	2000	
Sr	88	115	He	774.952	ug/l	3.0	5000	
Mo	95	115	He	7.472	ug/l	4.4	2000	
Ag	107	115	He	1.699	ug/l	6.6	100	
Cd	111	115	He	2.412	ug/l	11.0	5000	
Sn	118	115	He	122.267	ug/l	2.1	200	
Sb	121	115	He	3.758	ug/l	0.1	200	
Ba	135	159	He	1944.594	ug/l	4.3	20000	
Tl	205	209	He	1.091	ug/l	3.3	1000	
[Pb]	206	209	He	1967.785	ug/l	2.9		
[Pb]	207	209	He	1877.249	ug/l	1.6		
Pb	208	209	He	1938.286	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1947516.98	1.5	103.3	60	125	
Sc (ISICPMS)	45	H2	1106530.30	1.2	105.7	60	125	
Sc (ISICPMS)	45	He	39006.83	2.6	95.6	60	125	
Ge (IS)	74	H2	191585.16	0.6	104.9	60	125	
Ge (IS)	74	He	24202.85	3.5	102.9	60	125	
Kr	83	He	40.04	109.0	300.0			
In-1	115	He	58405.49	1.0	92.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	377986.79	2.6	97.0	60	125	
Bi (IS)	209	He	324040.59	1.1	93.4	60	125	

Sample Report

File Name 054SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:09:32

Sample Name **460-232498-A-3-E**

Comment ---

Dilution **1.0000**

Vial # 2110

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	4.053	ug/l	4.3	2000	
B	11	6	No Gas	55.486	ug/l	2.1	500	
Na	23	45	He	1987.340	ug/l	1.9	500000	
Mg	24	45	He	24221.057	ug/l	1.2	500000	
Al	27	45	He	57119.796	ug/l	1.2	200000	
K	39	45	He	10897.888	ug/l	2.0	500000	
Ca	40	45	H2	96353.121	ug/l	3.2	500000	
Ti	47	45	He	1751.146	ug/l	2.1	5000	
V	51	45	He	152.965	ug/l	1.1	5000	
Cr	52	45	He	151.638	ug/l	4.6	20000	
Mn	55	45	He	2204.470	ug/l	1.8	10000	
Fe	56	45	H2	137207.854	ug/l	0.8	500000	
Co	59	45	He	48.921	ug/l	3.0	2000	
Ni	60	45	He	162.798	ug/l	2.1	20000	
Cu	63	45	He	275.941	ug/l	0.8	20000	
Zn	66	45	He	842.460	ug/l	2.8	20000	
As	75	45	He	47.704	ug/l	2.5	5000	
Se	78	45	H2	2.480	ug/l	6.5	2000	
Sr	88	115	He	530.462	ug/l	1.5	5000	
Mo	95	115	He	5.640	ug/l	9.2	2000	
Ag	107	115	He	1.103	ug/l	8.3	100	
Cd	111	115	He	2.418	ug/l	6.6	5000	
Sn	118	115	He	74.891	ug/l	2.4	200	
Sb	121	115	He	2.872	ug/l	7.9	200	
Ba	135	159	He	497.663	ug/l	0.4	20000	
Tl	205	209	He	0.641	ug/l	3.8	1000	
[Pb]	206	209	He	1760.628	ug/l	1.6		
[Pb]	207	209	He	1799.934	ug/l	1.7		
Pb	208	209	He	1750.458	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1977871.85	1.2	104.9	60	125	
Sc (ISICPMS)	45	H2	1085069.26	1.0	103.6	60	125	
Sc (ISICPMS)	45	He	39829.00	1.4	97.6	60	125	
Ge (IS)	74	H2	190249.43	0.9	104.2	60	125	
Ge (IS)	74	He	23969.06	0.6	101.9	60	125	
Kr	83	He	36.70	56.8	275.0			
In-1	115	He	59365.49	1.3	94.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	389136.45	1.2	99.8	60	125	
Bi (IS)	209	He	322545.17	0.2	93.0	60	125	

Sample Report

File Name 055SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:11:41

Sample Name **460-233026-B-1-E**

Comment ---

Dilution **1.0000**

Vial # 2111

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.439	ug/l	5.9	2000	
B	11	6	No Gas	25.090	ug/l	1.9	500	
Na	23	45	He	2121.565	ug/l	3.8	500000	
Mg	24	45	He	49996.371	ug/l	2.7	500000	
Al	27	45	He	89503.573	ug/l	0.7	200000	
K	39	45	He	18469.319	ug/l	2.3	500000	
Ca	40	45	H2	113470.988	ug/l	3.3	500000	
Ti	47	45	He	4277.553	ug/l	0.6	5000	
V	51	45	He	265.315	ug/l	1.6	5000	
Cr	52	45	He	209.478	ug/l	2.1	20000	
Mn	55	45	He	2480.456	ug/l	0.6	10000	
Fe	56	45	H2	156137.047	ug/l	0.9	500000	
Co	59	45	He	64.878	ug/l	0.7	2000	
Ni	60	45	He	173.468	ug/l	0.5	20000	
Cu	63	45	He	236.165	ug/l	0.5	20000	
Zn	66	45	He	813.265	ug/l	2.2	20000	
As	75	45	He	39.882	ug/l	3.6	5000	
Se	78	45	H2	1.257	ug/l	35.6	2000	
Sr	88	115	He	252.459	ug/l	3.0	5000	
Mo	95	115	He	6.382	ug/l	8.3	2000	
Ag	107	115	He	0.493	ug/l	13.0	100	
Cd	111	115	He	1.580	ug/l	11.4	5000	
Sn	118	115	He	19.090	ug/l	4.5	200	
Sb	121	115	He	1.006	ug/l	11.6	200	
Ba	135	159	He	741.033	ug/l	1.3	20000	
Tl	205	209	He	1.322	ug/l	4.4	1000	
[Pb]	206	209	He	553.422	ug/l	1.6		
[Pb]	207	209	He	531.063	ug/l	1.5		
Pb	208	209	He	540.691	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1965041.86	0.5	104.2	60	125	
Sc (ISICPMS)	45	H2	1092023.92	2.7	104.3	60	125	
Sc (ISICPMS)	45	He	39930.39	1.9	97.9	60	125	
Ge (IS)	74	H2	192293.42	0.4	105.3	60	125	
Ge (IS)	74	He	24269.78	1.3	103.1	60	125	
Kr	83	He	30.03	100.0	225.0			
In-1	115	He	58695.84	0.8	93.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	380934.98	2.4	97.7	60	125	
Bi (IS)	209	He	324249.20	1.5	93.5	60	125	

Sample Report

File Name 056SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:13:51

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.004	ug/l	222.7	2000	
B	11	6	No Gas	2.879	ug/l	8.2	500	
Na	23	45	He	-9.814	ug/l	N/A	500000	
Mg	24	45	He	9.487	ug/l	22.4	500000	
Al	27	45	He	12.014	ug/l	17.9	200000	
K	39	45	He	33.178	ug/l	113.6	500000	
Ca	40	45	H2	18.586	ug/l	1.6	500000	
Ti	47	45	He	-0.015	ug/l	N/A	5000	
V	51	45	He	-0.378	ug/l	N/A	5000	
Cr	52	45	He	0.251	ug/l	54.1	20000	
Mn	55	45	He	0.612	ug/l	25.0	10000	
Fe	56	45	H2	21.094	ug/l	2.8	500000	
Co	59	45	He	-0.047	ug/l	N/A	2000	
Ni	60	45	He	-0.041	ug/l	N/A	20000	
Cu	63	45	He	0.077	ug/l	43.8	20000	
Zn	66	45	He	-1.089	ug/l	N/A	20000	
As	75	45	He	-0.160	ug/l	N/A	5000	
Se	78	45	H2	-0.026	ug/l	N/A	2000	
Sr	88	115	He	0.053	ug/l	225.8	5000	
Mo	95	115	He	0.000	ug/l	8508.4	2000	
Ag	107	115	He	-0.006	ug/l	N/A	100	
Cd	111	115	He	0.012	ug/l	171.1	5000	
Sn	118	115	He	-0.268	ug/l	N/A	200	
Sb	121	115	He	-0.008	ug/l	N/A	200	
Ba	135	159	He	0.296	ug/l	65.1	20000	
Tl	205	209	He	-0.099	ug/l	N/A	1000	
[Pb]	206	209	He	0.546	ug/l	7.9		
[Pb]	207	209	He	0.498	ug/l	11.8		
Pb	208	209	He	0.552	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1984847.76	1.6	105.2	60	125	
Sc (ISICPMS)	45	H2	1116533.84	1.9	106.6	60	125	
Sc (ISICPMS)	45	He	40995.74	1.6	100.5	60	125	
Ge (IS)	74	H2	190056.05	2.0	104.1	60	125	
Ge (IS)	74	He	23156.91	1.8	98.4	60	125	
Kr	83	He	6.67	173.2	50.0			
In-1	115	He	62368.28	0.8	99.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	386548.86	1.9	99.2	60	125	
Bi (IS)	209	He	341528.28	0.4	98.5	60	125	

Continuing Calibration Verification (CCV)

File Name 057_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:16:03

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	95.792	ug/l	1.6	100	90	110	
B	11	6	No Gas	241.771	ug/l	1.0	250	225	275	
Na	23	45	He	26267.768	ug/l	2.4	25000	22500	27500	
Mg	24	45	He	26933.871	ug/l	1.3	25000	22500	27500	
Al	27	45	He	25303.342	ug/l	1.4	25000	22500	27500	
K	39	45	He	25161.126	ug/l	0.9	25000	22500	27500	
Ca	40	45	H2	24833.431	ug/l	2.4	25000	22500	27500	
Ti	47	45	He	108.490	ug/l	5.2	100	90	110	
V	51	45	He	100.545	ug/l	2.7	100	90	110	
Cr	52	45	He	103.007	ug/l	0.8	100	90	110	
Mn	55	45	He	99.488	ug/l	3.2	100	90	110	
Fe	56	45	H2	26579.417	ug/l	1.4	25000	22500	27500	
Co	59	45	He	103.139	ug/l	1.4	100	90	110	
Ni	60	45	He	103.006	ug/l	1.8	100	90	110	
Cu	63	45	He	101.743	ug/l	0.8	100	90	110	
Zn	66	45	He	253.341	ug/l	1.2	250	225	275	
As	75	45	He	103.676	ug/l	0.6	100	90	110	
Se	78	45	H2	102.054	ug/l	3.6	100	90	110	
Sr	88	115	He	95.303	ug/l	2.2	100	90	110	
Mo	95	115	He	99.770	ug/l	1.8	100	90	110	
Ag	107	115	He	50.025	ug/l	1.8	50	45	55	
Cd	111	115	He	97.951	ug/l	2.1	100	90	110	
Sn	118	115	He	99.545	ug/l	1.3	100	90	110	
Sb	121	115	He	101.756	ug/l	1.0	100	90	110	
Ba	135	159	He	97.889	ug/l	4.7	100	90	110	
Tl	205	209	He	98.736	ug/l	1.8	100	90	110	
[Pb]	206	209	He	99.224	ug/l	1.2				
[Pb]	207	209	He	100.060	ug/l	1.3				
Pb	208	209	He	99.050	ug/l	0.7	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2052448.32	1.0	108.8	60	125	
Sc (ISICPMS)	45	H2	1074124.13	2.6	102.6	60	125	
Sc (ISICPMS)	45	He	40117.60	0.9	98.3	60	125	
Ge (IS)	74	H2	196538.16	2.8	107.6	60	125	
Ge (IS)	74	He	24293.16	2.2	103.2	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	61582.64	0.4	97.8	60	125	
Tb (IS)	159	He	388532.54	1.5	99.7	60	125	
Bi (IS)	209	He	334807.64	0.4	96.5	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 058_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:18:12

Sample Name **CCB**

Comment ---

Dilution 1.0000

Method Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.011	ug/l	93.7	0.8	-0.8	0.8	
B	11	6	No Gas	6.684	ug/l	2.0	40	-40	40	
Na	23	45	He	-10.429	ug/l	N/A	500	-500	500	
Mg	24	45	He	3.873	ug/l	13.6	200	-200	200	
Al	27	45	He	5.554	ug/l	30.3	40	-40	40	
K	39	45	He	23.069	ug/l	15.4	200	-200	200	
Ca	40	45	H2	5.715	ug/l	25.3	500	-500	500	
Ti	47	45	He	-0.411	ug/l	N/A	4	-4	4	
V	51	45	He	-0.164	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.072	ug/l	255.4	4	-4	4	
Mn	55	45	He	0.426	ug/l	40.2	8	-8	8	
Fe	56	45	H2	9.886	ug/l	13.2	60	-60	60	
Co	59	45	He	-0.033	ug/l	N/A	4	-4	4	
Ni	60	45	He	-0.069	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.157	ug/l	12.8	4	-4	4	
Zn	66	45	He	-1.656	ug/l	N/A	16	-16	16	
As	75	45	He	-0.191	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.048	ug/l	193.3	2.5	-2.5	2.5	
Sr	88	115	He	-0.052	ug/l	N/A	4	-4	4	
Mo	95	115	He	-0.010	ug/l	N/A	4	-4	4	
Ag	107	115	He	0.001	ug/l	1585.2	2	-2	2	
Cd	111	115	He	-0.011	ug/l	0.0	2	-2	2	
Sn	118	115	He	0.146	ug/l	203.0	16	-16	16	
Sb	121	115	He	0.009	ug/l	230.9	2	-2	2	
Ba	135	159	He	0.042	ug/l	174.1	4	-4	4	
Tl	205	209	He	-0.076	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.362	ug/l	11.6				
[Pb]	207	209	He	0.286	ug/l	13.0				
Pb	208	209	He	0.320	ug/l	6.1	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2012140.01	3.4	106.7	60	125	
Sc (ISICPMS)	45	H2	1114613.60	2.7	106.5	60	125	
Sc (ISICPMS)	45	He	41075.94	1.9	100.7	60	125	
Ge (IS)	74	H2	186320.23	0.9	102.0	60	125	
Ge (IS)	74	He	23474.20	3.1	99.8	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	62780.14	1.3	99.7	60	125	
Tb (IS)	159	He	390670.37	1.2	100.2	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	341396.34	0.4	98.4	60	125	

Sample Report

File Name 059SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:20:23

Sample Name **pds 460-232485-A-2-B**

Comment ---

Dilution **1.0000**

Vial # 2403

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	27.580	ug/l	1.2	2000	
B	11	6	No Gas	535.638	ug/l	3.7	500	>LDR 6020B
Na	23	45	He	22310.417	ug/l	1.9	500000	
Mg	24	45	He	3429.853	ug/l	0.5	500000	
Al	27	45	He	88576.636	ug/l	2.2	200000	
K	39	45	He	2861.564	ug/l	3.5	500000	
Ca	40	45	H2	4209.551	ug/l	2.1	500000	
Ti	47	45	He	280.101	ug/l	4.5	5000	
V	51	45	He	240.162	ug/l	1.4	5000	
Cr	52	45	He	103.673	ug/l	2.6	20000	
Mn	55	45	He	289.339	ug/l	2.1	10000	
Fe	56	45	H2	5938.604	ug/l	3.9	500000	
Co	59	45	He	29.403	ug/l	1.1	2000	
Ni	60	45	He	65.525	ug/l	1.3	20000	
Cu	63	45	He	89.201	ug/l	1.8	20000	
Zn	66	45	He	281.817	ug/l	3.0	20000	
As	75	45	He	55.185	ug/l	3.0	5000	
Se	78	45	H2	55.054	ug/l	2.4	2000	
Sr	88	115	He	176.313	ug/l	0.5	5000	
Mo	95	115	He	63.288	ug/l	1.1	2000	
Ag	107	115	He	25.710	ug/l	2.2	100	
Cd	111	115	He	27.333	ug/l	6.1	5000	
Sn	118	115	He	65.623	ug/l	2.2	200	
Sb	121	115	He	26.825	ug/l	3.4	200	
Ba	135	159	He	97.417	ug/l	2.9	20000	
Tl	205	209	He	21.624	ug/l	1.6	1000	
[Pb]	206	209	He	53.219	ug/l	0.8		
[Pb]	207	209	He	51.352	ug/l	1.1		
Pb	208	209	He	51.863	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2133203.14	1.5	113.1	60	125	
Sc (ISICPMS)	45	H2	1206624.91	3.4	115.2	60	125	
Sc (ISICPMS)	45	He	43599.46	1.4	106.8	60	125	
Ge (IS)	74	H2	208436.22	3.1	114.2	60	125	
Ge (IS)	74	He	26111.80	1.1	111.0	60	125	
Kr	83	He	30.03	33.3	225.0			
In-1	115	He	63398.67	1.1	100.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	403139.15	1.6	103.4	60	125	
Bi (IS)	209	He	343249.12	0.5	99.0	60	125	

Sample Report

File Name 060SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:22:32

Sample Name **460-232485-A-2-D MS**

Comment ---

Dilution **1.0000**

Vial # 2404

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	48.378	ug/l	2.6	2000	
B	11	6	No Gas	853.150	ug/l	1.6	500	>LDR 6020B
Na	23	45	He	23329.716	ug/l	1.0	500000	
Mg	24	45	He	5345.356	ug/l	2.2	500000	
Al	27	45	He	148966.916	ug/l	1.6	200000	
K	39	45	He	4710.820	ug/l	1.5	500000	
Ca	40	45	H2	6128.354	ug/l	1.8	500000	
Ti	47	45	He	231.135	ug/l	1.1	5000	
V	51	45	He	306.313	ug/l	0.6	5000	
Cr	52	45	He	163.238	ug/l	2.5	20000	
Mn	55	45	He	472.834	ug/l	1.1	10000	
Fe	56	45	H2	9023.208	ug/l	1.8	500000	
Co	59	45	He	49.831	ug/l	1.5	2000	
Ni	60	45	He	106.305	ug/l	2.3	20000	
Cu	63	45	He	126.875	ug/l	1.6	20000	
Zn	66	45	He	466.221	ug/l	3.1	20000	
As	75	45	He	92.905	ug/l	5.6	5000	
Se	78	45	H2	89.186	ug/l	3.0	2000	
Sr	88	115	He	239.372	ug/l	2.0	5000	
Mo	95	115	He	74.728	ug/l	1.9	2000	
Ag	107	115	He	45.856	ug/l	1.1	100	
Cd	111	115	He	47.321	ug/l	4.7	5000	
Sn	118	115	He	98.794	ug/l	1.0	200	
Sb	121	115	He	18.675	ug/l	3.5	200	
Ba	135	159	He	156.201	ug/l	1.5	20000	
Tl	205	209	He	36.651	ug/l	1.3	1000	
[Pb]	206	209	He	89.217	ug/l	0.6		
[Pb]	207	209	He	86.858	ug/l	0.9		
Pb	208	209	He	87.016	ug/l	0.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2127099.24	1.6	112.8	60	125	
Sc (ISICPMS)	45	H2	1186831.25	2.3	113.4	60	125	
Sc (ISICPMS)	45	He	44217.86	1.7	108.4	60	125	
Ge (IS)	74	H2	200528.83	0.4	109.8	60	125	
Ge (IS)	74	He	25757.52	6.2	109.5	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	63640.02	0.8	101.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	401503.17	1.6	103.0	60	125	
Bi (IS)	209	He	343483.32	0.3	99.0	60	125	

Sample Report

File Name 061SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:24:41

Sample Name **460-232485-A-2-C DU**

Comment ---

Dilution **1.0000**

Vial # 2405

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.991	ug/l	5.9	2000	
B	11	6	No Gas	33.595	ug/l	3.7	500	
Na	23	45	He	18493.838	ug/l	2.6	500000	
Mg	24	45	He	564.798	ug/l	3.8	500000	
Al	27	45	He	85189.020	ug/l	0.8	200000	
K	39	45	He	151.224	ug/l	16.0	500000	
Ca	40	45	H2	1588.197	ug/l	1.8	500000	
Ti	47	45	He	225.074	ug/l	1.4	5000	
V	51	45	He	184.112	ug/l	1.0	5000	
Cr	52	45	He	49.366	ug/l	5.0	20000	
Mn	55	45	He	18.723	ug/l	4.4	10000	
Fe	56	45	H2	3263.441	ug/l	1.9	500000	
Co	59	45	He	2.401	ug/l	4.4	2000	
Ni	60	45	He	9.504	ug/l	8.3	20000	
Cu	63	45	He	34.514	ug/l	1.8	20000	
Zn	66	45	He	17.198	ug/l	4.3	20000	
As	75	45	He	2.258	ug/l	11.1	5000	
Se	78	45	H2	0.429	ug/l	30.2	2000	
Sr	88	115	He	124.992	ug/l	1.9	5000	
Mo	95	115	He	5.731	ug/l	6.0	2000	
Ag	107	115	He	0.036	ug/l	78.2	100	
Cd	111	115	He	0.091	ug/l	37.2	5000	
Sn	118	115	He	9.547	ug/l	10.5	200	
Sb	121	115	He	0.091	ug/l	60.5	200	
Ba	135	159	He	49.000	ug/l	10.6	20000	
Tl	205	209	He	-0.033	ug/l	N/A	1000	
[Pb]	206	209	He	25.954	ug/l	0.3		
[Pb]	207	209	He	23.927	ug/l	3.4		
Pb	208	209	He	24.865	ug/l	2.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2186952.89	4.0	116.0	60	125	
Sc (ISICPMS)	45	H2	1120695.47	2.9	107.0	60	125	
Sc (ISICPMS)	45	He	44861.18	1.1	109.9	60	125	
Ge (IS)	74	H2	204028.44	0.9	111.7	60	125	
Ge (IS)	74	He	26586.43	1.0	113.0	60	125	
Kr	83	He	13.35	43.3	100.0			
In-1	115	He	63270.16	0.5	100.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	397853.31	2.4	102.1	60	125	
Bi (IS)	209	He	345069.19	2.5	99.5	60	125	

Sample Report

File Name 062SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:26:50

Sample Name **460-232485-A-2-B**

Comment ---

Dilution **1.0000**

Vial # 2406

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.947	ug/l	4.2	2000	
B	11	6	No Gas	22.824	ug/l	3.4	500	
Na	23	45	He	19335.913	ug/l	2.0	500000	
Mg	24	45	He	584.864	ug/l	2.8	500000	
Al	27	45	He	86941.797	ug/l	1.0	200000	
K	39	45	He	155.368	ug/l	9.0	500000	
Ca	40	45	H2	1609.958	ug/l	2.2	500000	
Ti	47	45	He	221.141	ug/l	8.1	5000	
V	51	45	He	187.107	ug/l	0.7	5000	
Cr	52	45	He	50.358	ug/l	1.5	20000	
Mn	55	45	He	18.330	ug/l	4.4	10000	
Fe	56	45	H2	3242.111	ug/l	3.7	500000	
Co	59	45	He	2.415	ug/l	8.5	2000	
Ni	60	45	He	9.958	ug/l	5.6	20000	
Cu	63	45	He	35.857	ug/l	0.4	20000	
Zn	66	45	He	17.396	ug/l	4.8	20000	
As	75	45	He	2.235	ug/l	16.4	5000	
Se	78	45	H2	0.523	ug/l	17.9	2000	
Sr	88	115	He	125.595	ug/l	0.3	5000	
Mo	95	115	He	5.867	ug/l	7.0	2000	
Ag	107	115	He	0.037	ug/l	24.7	100	
Cd	111	115	He	0.148	ug/l	12.1	5000	
Sn	118	115	He	10.153	ug/l	4.2	200	
Sb	121	115	He	0.041	ug/l	27.9	200	
Ba	135	159	He	44.477	ug/l	2.8	20000	
Tl	205	209	He	-0.054	ug/l	N/A	1000	
[Pb]	206	209	He	25.153	ug/l	0.4		
[Pb]	207	209	He	23.500	ug/l	2.0		
Pb	208	209	He	24.206	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2163265.59	1.8	114.7	60	125	
Sc (ISICPMS)	45	H2	1200434.89	6.2	114.7	60	125	
Sc (ISICPMS)	45	He	43970.52	0.5	107.8	60	125	
Ge (IS)	74	H2	204520.43	3.1	112.0	60	125	
Ge (IS)	74	He	26616.58	0.5	113.1	60	125	
Kr	83	He	6.67	173.2	50.0			
In-1	115	He	63162.49	1.8	100.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	407945.68	2.5	104.7	60	125	
Bi (IS)	209	He	348415.23	1.7	100.5	60	125	

Sample Report

File Name 063SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:28:59

Sample Name **sd 460-232485-A-2-B@5**

Comment ---

Dilution **1.0000**

Vial # 2407

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.180	ug/l	21.4	2000	
B	11	6	No Gas	8.190	ug/l	2.8	500	
Na	23	45	He	4126.105	ug/l	2.0	500000	
Mg	24	45	He	121.322	ug/l	2.4	500000	
Al	27	45	He	17781.260	ug/l	2.8	200000	
K	39	45	He	14.218	ug/l	81.5	500000	
Ca	40	45	H2	336.365	ug/l	2.2	500000	
Ti	47	45	He	43.674	ug/l	8.9	5000	
V	51	45	He	38.434	ug/l	3.2	5000	
Cr	52	45	He	10.140	ug/l	6.6	20000	
Mn	55	45	He	3.914	ug/l	7.6	10000	
Fe	56	45	H2	695.053	ug/l	1.2	500000	
Co	59	45	He	0.461	ug/l	12.1	2000	
Ni	60	45	He	2.128	ug/l	6.7	20000	
Cu	63	45	He	7.594	ug/l	2.6	20000	
Zn	66	45	He	5.633	ug/l	9.4	20000	
As	75	45	He	0.471	ug/l	62.1	5000	
Se	78	45	H2	0.083	ug/l	103.1	2000	
Sr	88	115	He	24.086	ug/l	2.9	5000	
Mo	95	115	He	1.179	ug/l	14.2	2000	
Ag	107	115	He	-0.004	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	2.158	ug/l	22.8	200	
Sb	121	115	He	0.008	ug/l	446.0	200	
Ba	135	159	He	10.087	ug/l	5.2	20000	
Tl	205	209	He	-0.090	ug/l	N/A	1000	
[Pb]	206	209	He	5.336	ug/l	1.4		
[Pb]	207	209	He	4.784	ug/l	4.8		
Pb	208	209	He	5.053	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2237810.17	1.7	118.7	60	125	
Sc (ISICPMS)	45	H2	1144407.76	2.3	109.3	60	125	
Sc (ISICPMS)	45	He	43081.01	1.3	105.6	60	125	
Ge (IS)	74	H2	199550.90	0.4	109.3	60	125	
Ge (IS)	74	He	25419.86	1.2	108.0	60	125	
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	63853.10	0.2	101.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	400293.68	1.3	102.7	60	125	
Bi (IS)	209	He	350582.95	1.7	101.1	60	125	

Sample Report

File Name 064SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:31:09

Sample Name **pds 460-232485-A-2-B**

Comment ---

Dilution **1.0000**

Vial # 2403

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	11.008	ug/l	4.4	2000	
B	11	6	No Gas	210.392	ug/l	2.1	500	
Na	23	45	He	20622.854	ug/l	1.5	500000	
Mg	24	45	He	1634.296	ug/l	1.3	500000	
Al	27	45	He	87845.729	ug/l	0.4	200000	
K	39	45	He	1129.472	ug/l	5.3	500000	
Ca	40	45	H2	2535.635	ug/l	2.0	500000	
Ti	47	45	He	258.097	ug/l	2.8	5000	
V	51	45	He	211.071	ug/l	1.5	5000	
Cr	52	45	He	69.788	ug/l	0.5	20000	
Mn	55	45	He	115.625	ug/l	1.6	10000	
Fe	56	45	H2	4199.581	ug/l	1.0	500000	
Co	59	45	He	12.541	ug/l	1.9	2000	
Ni	60	45	He	30.794	ug/l	3.6	20000	
Cu	63	45	He	55.147	ug/l	2.0	20000	
Zn	66	45	He	115.215	ug/l	2.2	20000	
As	75	45	He	23.252	ug/l	7.4	5000	
Se	78	45	H2	19.975	ug/l	8.4	2000	
Sr	88	115	He	141.999	ug/l	2.9	5000	
Mo	95	115	He	26.878	ug/l	1.6	2000	
Ag	107	115	He	9.752	ug/l	3.2	100	
Cd	111	115	He	10.453	ug/l	2.2	5000	
Sn	118	115	He	30.757	ug/l	5.0	200	
Sb	121	115	He	9.854	ug/l	2.3	200	
Ba	135	159	He	67.059	ug/l	2.4	20000	
Tl	205	209	He	7.978	ug/l	1.2	1000	
[Pb]	206	209	He	35.210	ug/l	1.1		
[Pb]	207	209	He	33.849	ug/l	1.1		
Pb	208	209	He	34.438	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2229531.55	2.7	118.2	60	125	
Sc (ISICPMS)	45	H2	1154961.80	3.2	110.3	60	125	
Sc (ISICPMS)	45	He	43256.91	0.6	106.0	60	125	
Ge (IS)	74	H2	202735.97	1.6	111.0	60	125	
Ge (IS)	74	He	25449.88	4.8	108.2	60	125	
Kr	83	He	13.35	114.6	100.0			
In-1	115	He	62700.23	1.4	99.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	399124.10	0.4	102.4	60	125	
Bi (IS)	209	He	342607.62	0.6	98.8	60	125	

Sample Report

File Name 065SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:33:17

Sample Name **460-232485-A-2-D MS@3**

Comment ---

Dilution **1.0000**

Vial # 2404

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	15.777	ug/l	3.9	2000	
B	11	6	No Gas	273.575	ug/l	3.9	500	
Na	23	45	He	8517.268	ug/l	1.4	500000	
Mg	24	45	He	1897.784	ug/l	3.6	500000	
Al	27	45	He	52890.457	ug/l	0.5	200000	
K	39	45	He	1652.784	ug/l	1.7	500000	
Ca	40	45	H2	2195.746	ug/l	2.6	500000	
Ti	47	45	He	77.046	ug/l	4.3	5000	
V	51	45	He	109.172	ug/l	1.3	5000	
Cr	52	45	He	56.263	ug/l	1.9	20000	
Mn	55	45	He	167.042	ug/l	2.5	10000	
Fe	56	45	H2	3147.959	ug/l	2.1	500000	
Co	59	45	He	17.237	ug/l	0.9	2000	
Ni	60	45	He	38.192	ug/l	1.7	20000	
Cu	63	45	He	44.001	ug/l	3.9	20000	
Zn	66	45	He	159.231	ug/l	2.5	20000	
As	75	45	He	33.741	ug/l	5.4	5000	
Se	78	45	H2	32.922	ug/l	8.6	2000	
Sr	88	115	He	80.836	ug/l	3.7	5000	
Mo	95	115	He	25.825	ug/l	0.7	2000	
Ag	107	115	He	16.342	ug/l	2.5	100	
Cd	111	115	He	16.089	ug/l	4.1	5000	
Sn	118	115	He	34.791	ug/l	1.0	200	
Sb	121	115	He	6.576	ug/l	3.8	200	
Ba	135	159	He	56.963	ug/l	3.0	20000	
Tl	205	209	He	12.446	ug/l	2.2	1000	
[Pb]	206	209	He	30.000	ug/l	1.0		
[Pb]	207	209	He	28.628	ug/l	1.7		
Pb	208	209	He	29.674	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2246163.18	1.8	119.1	60	125	
Sc (ISICPMS)	45	H2	1126534.51	2.9	107.6	60	125	
Sc (ISICPMS)	45	He	42473.63	1.6	104.1	60	125	
Ge (IS)	74	H2	198467.90	5.1	108.7	60	125	
Ge (IS)	74	He	25700.65	3.7	109.2	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	62439.81	0.6	99.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	393298.71	0.9	100.9	60	125	
Bi (IS)	209	He	346697.09	0.9	100.0	60	125	

Sample Report

File Name 066SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:35:27

Sample Name **460-232485-A-3-B**

Comment ---

Dilution **1.0000**

Vial # 2408

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.506	ug/l	6.7	2000	
B	11	6	No Gas	16.084	ug/l	1.2	500	
Na	23	45	He	12498.396	ug/l	1.3	500000	
Mg	24	45	He	316.550	ug/l	1.4	500000	
Al	27	45	He	46726.825	ug/l	0.7	200000	
K	39	45	He	149.037	ug/l	10.7	500000	
Ca	40	45	H2	1257.542	ug/l	1.7	500000	
Ti	47	45	He	140.914	ug/l	5.6	5000	
V	51	45	He	108.154	ug/l	0.5	5000	
Cr	52	45	He	47.039	ug/l	1.8	20000	
Mn	55	45	He	6.297	ug/l	6.5	10000	
Fe	56	45	H2	1526.610	ug/l	1.6	500000	
Co	59	45	He	1.161	ug/l	4.8	2000	
Ni	60	45	He	4.002	ug/l	3.1	20000	
Cu	63	45	He	21.871	ug/l	1.0	20000	
Zn	66	45	He	7.559	ug/l	16.9	20000	
As	75	45	He	2.502	ug/l	4.6	5000	
Se	78	45	H2	0.765	ug/l	16.6	2000	
Sr	88	115	He	75.561	ug/l	3.2	5000	
Mo	95	115	He	4.363	ug/l	6.8	2000	
Ag	107	115	He	0.029	ug/l	56.6	100	
Cd	111	115	He	0.058	ug/l	60.3	5000	
Sn	118	115	He	5.737	ug/l	9.8	200	
Sb	121	115	He	0.040	ug/l	41.9	200	
Ba	135	159	He	76.258	ug/l	4.5	20000	
Tl	205	209	He	-0.065	ug/l	N/A	1000	
[Pb]	206	209	He	14.342	ug/l	2.7		
[Pb]	207	209	He	13.228	ug/l	1.1		
Pb	208	209	He	13.799	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2224448.49	3.1	118.0	60	125	
Sc (ISICPMS)	45	H2	1180259.72	1.1	112.7	60	125	
Sc (ISICPMS)	45	He	44145.61	1.3	108.2	60	125	
Ge (IS)	74	H2	202314.48	0.5	110.8	60	125	
Ge (IS)	74	He	25510.05	2.5	108.4	60	125	
Kr	83	He	26.69	57.3	200.0			
In-1	115	He	62503.18	0.5	99.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	399648.31	1.2	102.5	60	125	
Bi (IS)	209	He	347184.49	0.6	100.1	60	125	

Sample Report

File Name 067SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:37:37

Sample Name **460-232485-A-4-B**

Comment ---

Dilution **1.0000**

Vial # 2409

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.634	ug/l	7.3	2000	
B	11	6	No Gas	12.938	ug/l	2.6	500	
Na	23	45	He	1202.714	ug/l	4.4	500000	
Mg	24	45	He	531.490	ug/l	3.8	500000	
Al	27	45	He	64499.382	ug/l	1.7	200000	
K	39	45	He	115.706	ug/l	11.8	500000	
Ca	40	45	H2	2765.150	ug/l	3.0	500000	
Ti	47	45	He	325.741	ug/l	4.8	5000	
V	51	45	He	274.456	ug/l	1.9	5000	
Cr	52	45	He	72.574	ug/l	2.4	20000	
Mn	55	45	He	24.026	ug/l	4.3	10000	
Fe	56	45	H2	4829.152	ug/l	2.7	500000	
Co	59	45	He	5.306	ug/l	4.5	2000	
Ni	60	45	He	10.153	ug/l	5.3	20000	
Cu	63	45	He	32.144	ug/l	1.7	20000	
Zn	66	45	He	12.086	ug/l	4.1	20000	
As	75	45	He	3.484	ug/l	15.0	5000	
Se	78	45	H2	3.589	ug/l	6.1	2000	
Sr	88	115	He	116.063	ug/l	1.7	5000	
Mo	95	115	He	11.690	ug/l	2.1	2000	
Ag	107	115	He	0.081	ug/l	31.5	100	
Cd	111	115	He	0.230	ug/l	43.9	5000	
Sn	118	115	He	15.287	ug/l	4.9	200	
Sb	121	115	He	0.187	ug/l	22.7	200	
Ba	135	159	He	334.394	ug/l	4.4	20000	
Tl	205	209	He	0.009	ug/l	86.1	1000	
[Pb]	206	209	He	30.209	ug/l	1.5		
[Pb]	207	209	He	27.823	ug/l	1.2		
Pb	208	209	He	28.867	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2242074.39	1.9	118.9	60	125	
Sc (ISICPMS)	45	H2	1182940.85	2.9	113.0	60	125	
Sc (ISICPMS)	45	He	44096.65	2.0	108.1	60	125	
Ge (IS)	74	H2	199441.14	1.3	109.2	60	125	
Ge (IS)	74	He	25804.20	0.7	109.7	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	62241.55	1.2	98.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	398060.03	1.1	102.1	60	125	
Bi (IS)	209	He	354660.62	0.9	102.3	60	125	

Continuing Calibration Verification (CCV)

File Name 068_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:39:47

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	93.397	ug/l	2.7	100	90	110	
B	11	6	No Gas	233.651	ug/l	0.9	250	225	275	
Na	23	45	He	25203.200	ug/l	2.9	25000	22500	27500	
Mg	24	45	He	26897.555	ug/l	1.4	25000	22500	27500	
Al	27	45	He	25525.045	ug/l	1.2	25000	22500	27500	
K	39	45	He	25167.887	ug/l	1.6	25000	22500	27500	
Ca	40	45	H2	25250.043	ug/l	2.7	25000	22500	27500	
Ti	47	45	He	101.934	ug/l	7.5	100	90	110	
V	51	45	He	100.475	ug/l	1.3	100	90	110	
Cr	52	45	He	100.396	ug/l	1.9	100	90	110	
Mn	55	45	He	99.351	ug/l	1.1	100	90	110	
Fe	56	45	H2	26452.118	ug/l	1.9	25000	22500	27500	
Co	59	45	He	101.443	ug/l	0.9	100	90	110	
Ni	60	45	He	100.087	ug/l	2.9	100	90	110	
Cu	63	45	He	100.878	ug/l	0.5	100	90	110	
Zn	66	45	He	248.755	ug/l	2.3	250	225	275	
As	75	45	He	100.526	ug/l	1.5	100	90	110	
Se	78	45	H2	102.805	ug/l	4.4	100	90	110	
Sr	88	115	He	100.913	ug/l	2.3	100	90	110	
Mo	95	115	He	100.905	ug/l	2.2	100	90	110	
Ag	107	115	He	50.471	ug/l	1.1	50	45	55	
Cd	111	115	He	101.756	ug/l	2.7	100	90	110	
Sn	118	115	He	101.778	ug/l	3.8	100	90	110	
Sb	121	115	He	102.978	ug/l	2.1	100	90	110	
Ba	135	159	He	98.816	ug/l	5.2	100	90	110	
Tl	205	209	He	99.689	ug/l	1.6	100	90	110	
[Pb]	206	209	He	100.342	ug/l	0.4				
[Pb]	207	209	He	102.040	ug/l	0.7				
Pb	208	209	He	100.179	ug/l	0.9	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2208082.71	1.5	117.1	60	125	
Sc (ISICPMS)	45	H2	1066745.05	4.5	101.9	60	125	
Sc (ISICPMS)	45	He	40250.36	0.8	98.6	60	125	
Ge (IS)	74	H2	195189.49	2.5	106.9	60	125	
Ge (IS)	74	He	24788.10	2.5	105.3	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	61085.05	1.8	97.0	60	125	
Tb (IS)	159	He	381736.80	0.6	97.9	60	125	
Bi (IS)	209	He	333387.05	1.1	96.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 069_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:41:56

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.024	ug/l	87.3	0.8	-0.8	0.8	
B	11	6	No Gas	7.617	ug/l	5.8	40	-40	40	
Na	23	45	He	-31.738	ug/l	N/A	500	-500	500	
Mg	24	45	He	3.324	ug/l	39.0	200	-200	200	
Al	27	45	He	9.666	ug/l	15.2	40	-40	40	
K	39	45	He	-11.092	ug/l	N/A	200	-200	200	
Ca	40	45	H2	0.071	ug/l	1422.0	500	-500	500	
Ti	47	45	He	-0.541	ug/l	N/A	4	-4	4	
V	51	45	He	-0.004	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.314	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.103	ug/l	103.9	8	-8	8	
Fe	56	45	H2	3.619	ug/l	19.4	60	-60	60	
Co	59	45	He	-0.021	ug/l	N/A	4	-4	4	
Ni	60	45	He	-0.161	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.022	ug/l	648.0	4	-4	4	
Zn	66	45	He	-2.013	ug/l	N/A	16	-16	16	
As	75	45	He	0.076	ug/l	158.2	2	-2	2	
Se	78	45	H2	0.030	ug/l	283.3	2.5	-2.5	2.5	
Sr	88	115	He	0.064	ug/l	61.8	4	-4	4	
Mo	95	115	He	0.005	ug/l	364.9	4	-4	4	
Ag	107	115	He	-0.004	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.000	ug/l	N/A	2	-2	2	
Sn	118	115	He	0.013	ug/l	2174.9	16	-16	16	
Sb	121	115	He	0.016	ug/l	120.3	2	-2	2	
Ba	135	159	He	-0.042	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.075	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.100	ug/l	39.2				
[Pb]	207	209	He	0.102	ug/l	50.6				
Pb	208	209	He	0.107	ug/l	13.3	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2124031.32	2.4	112.6	60	125	
Sc (ISICPMS)	45	H2	1111152.92	1.7	106.1	60	125	
Sc (ISICPMS)	45	He	41105.90	0.3	100.7	60	125	
Ge (IS)	74	H2	186760.08	0.8	102.3	60	125	
Ge (IS)	74	He	23571.29	1.4	100.2	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	63691.72	0.4	101.2	60	125	
Tb (IS)	159	He	391800.25	0.6	100.5	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	349372.66	0.7	100.7	60	125	

Sample Report

File Name 070SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:44:08

Sample Name **460-232678-E-2-A**

Comment ---

Dilution **1.0000**

Vial # 3109

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.003	ug/l	N/A	2000	
B	11	6	No Gas	13.055	ug/l	4.4	500	
Na	23	45	He	460.564	ug/l	2.0	500000	
Mg	24	45	He	8.587	ug/l	24.4	500000	
Al	27	45	He	19.530	ug/l	13.9	200000	
K	39	45	He	38.680	ug/l	50.2	500000	
Ca	40	45	H2	102.776	ug/l	1.2	500000	
Ti	47	45	He	-0.147	ug/l	N/A	5000	
V	51	45	He	0.085	ug/l	139.0	5000	
Cr	52	45	He	0.625	ug/l	51.7	20000	
Mn	55	45	He	0.326	ug/l	97.1	10000	
Fe	56	45	H2	9.423	ug/l	2.6	500000	
Co	59	45	He	-0.039	ug/l	N/A	2000	
Ni	60	45	He	0.346	ug/l	64.3	20000	
Cu	63	45	He	0.751	ug/l	8.7	20000	
Zn	66	45	He	0.697	ug/l	51.8	20000	
As	75	45	He	-0.047	ug/l	N/A	5000	
Se	78	45	H2	0.013	ug/l	676.9	2000	
Sr	88	115	He	0.265	ug/l	54.0	5000	
Mo	95	115	He	0.097	ug/l	77.0	2000	
Ag	107	115	He	-0.010	ug/l	N/A	100	
Cd	111	115	He	0.011	ug/l	173.3	5000	
Sn	118	115	He	2.819	ug/l	12.2	200	
Sb	121	115	He	0.056	ug/l	27.0	200	
Ba	135	159	He	0.662	ug/l	59.6	20000	
Tl	205	209	He	-0.090	ug/l	N/A	1000	
[Pb]	206	209	He	0.209	ug/l	12.9		
[Pb]	207	209	He	0.137	ug/l	45.7		
Pb	208	209	He	0.175	ug/l	3.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2173346.65	3.0	115.2	60	125	
Sc (ISICPMS)	45	H2	1105313.30	0.8	105.6	60	125	
Sc (ISICPMS)	45	He	40809.79	0.4	100.0	60	125	
Ge (IS)	74	H2	201911.96	0.9	110.6	60	125	
Ge (IS)	74	He	25627.30	2.0	108.9	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	62743.90	0.8	99.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	391385.08	1.4	100.4	60	125	
Bi (IS)	209	He	343653.68	0.7	99.1	60	125	

Sample Report

File Name 071SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:46:20

Sample Name **460-232772-E-3-A**

Comment ---

Dilution **1.0000**

Vial # 3201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.011	ug/l	301.3	2000	
B	11	6	No Gas	13.025	ug/l	8.8	500	
Na	23	45	He	525.317	ug/l	1.5	500000	
Mg	24	45	He	15.076	ug/l	12.4	500000	
Al	27	45	He	26.559	ug/l	8.8	200000	
K	39	45	He	23.182	ug/l	100.4	500000	
Ca	40	45	H2	117.153	ug/l	1.6	500000	
Ti	47	45	He	0.259	ug/l	235.8	5000	
V	51	45	He	-0.007	ug/l	N/A	5000	
Cr	52	45	He	0.380	ug/l	19.5	20000	
Mn	55	45	He	0.488	ug/l	16.4	10000	
Fe	56	45	H2	23.796	ug/l	1.3	500000	
Co	59	45	He	-0.032	ug/l	N/A	2000	
Ni	60	45	He	0.204	ug/l	84.5	20000	
Cu	63	45	He	0.420	ug/l	8.7	20000	
Zn	66	45	He	1.911	ug/l	19.0	20000	
As	75	45	He	0.020	ug/l	971.6	5000	
Se	78	45	H2	0.052	ug/l	227.0	2000	
Sr	88	115	He	0.289	ug/l	33.7	5000	
Mo	95	115	He	0.077	ug/l	87.7	2000	
Ag	107	115	He	-0.014	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.673	ug/l	3.8	200	
Sb	121	115	He	0.050	ug/l	8.2	200	
Ba	135	159	He	1.171	ug/l	26.6	20000	
Tl	205	209	He	-0.108	ug/l	N/A	1000	
[Pb]	206	209	He	0.134	ug/l	46.1		
[Pb]	207	209	He	0.104	ug/l	32.1		
Pb	208	209	He	0.134	ug/l	17.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2122510.61	3.7	112.5	60	125	
Sc (ISICPMS)	45	H2	1107729.65	0.6	105.8	60	125	
Sc (ISICPMS)	45	He	40423.15	0.6	99.1	60	125	
Ge (IS)	74	H2	198659.25	1.8	108.8	60	125	
Ge (IS)	74	He	25620.54	2.9	108.9	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	63065.88	1.0	100.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	389195.76	0.7	99.9	60	125	
Bi (IS)	209	He	342823.88	2.1	98.9	60	125	

Sample Report

File Name 072SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:48:32

Sample Name **pds 460-233021-D-2-C**

Comment ---

Dilution **1.0000**

Vial # 3103

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	26.913	ug/l	0.2	2000	
B	11	6	No Gas	664.193	ug/l	1.4	500	>LDR 6020B
Na	23	45	He	35731.297	ug/l	2.1	500000	
Mg	24	45	He	12637.997	ug/l	2.6	500000	
Al	27	45	He	3081.669	ug/l	0.1	200000	
K	39	45	He	7709.087	ug/l	2.0	500000	
Ca	40	45	H2	56878.326	ug/l	2.5	500000	
Ti	47	45	He	74.490	ug/l	8.6	5000	
V	51	45	He	58.466	ug/l	2.9	5000	
Cr	52	45	He	59.762	ug/l	3.2	20000	
Mn	55	45	He	296.859	ug/l	2.2	10000	
Fe	56	45	H2	3300.206	ug/l	8.1	500000	
Co	59	45	He	29.129	ug/l	3.0	2000	
Ni	60	45	He	59.169	ug/l	3.8	20000	
Cu	63	45	He	58.577	ug/l	3.0	20000	
Zn	66	45	He	279.031	ug/l	2.9	20000	
As	75	45	He	58.051	ug/l	1.4	5000	
Se	78	45	H2	60.463	ug/l	5.2	2000	
Sr	88	115	He	234.176	ug/l	1.4	5000	
Mo	95	115	He	57.435	ug/l	1.2	2000	
Ag	107	115	He	25.968	ug/l	1.5	100	
Cd	111	115	He	28.465	ug/l	3.2	5000	
Sn	118	115	He	58.017	ug/l	3.0	200	
Sb	121	115	He	28.706	ug/l	2.3	200	
Ba	135	159	He	80.370	ug/l	4.0	20000	
Tl	205	209	He	21.840	ug/l	0.3	1000	
[Pb]	206	209	He	28.943	ug/l	2.5		
[Pb]	207	209	He	28.484	ug/l	0.3		
Pb	208	209	He	28.623	ug/l	0.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2022380.60	0.7	107.2	60	125	
Sc (ISICPMS)	45	H2	1002518.33	2.9	95.8	60	125	
Sc (ISICPMS)	45	He	37073.73	3.2	90.9	60	125	
Ge (IS)	74	H2	200236.90	2.9	109.7	60	125	
Ge (IS)	74	He	23975.68	3.9	101.9	60	125	
Kr	83	He	6.67	173.2	50.0			
In-1	115	He	56702.46	0.7	90.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	362248.40	0.5	92.9	60	125	
Bi (IS)	209	He	317652.32	1.0	91.6	60	125	

Sample Report

File Name 073SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:50:42

Sample Name **460-233021-D-2-D MS**

Comment ---

Dilution **1.0000**

Vial # 3104

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	25.848	ug/l	2.1	2000	
B	11	6	No Gas	646.457	ug/l	2.6	500	>LDR 6020B
Na	23	45	He	33954.336	ug/l	2.9	500000	
Mg	24	45	He	11969.496	ug/l	0.6	500000	
Al	27	45	He	2861.306	ug/l	0.8	200000	
K	39	45	He	7408.753	ug/l	0.8	500000	
Ca	40	45	H2	53226.219	ug/l	2.7	500000	
Ti	47	45	He	58.174	ug/l	11.2	5000	
V	51	45	He	56.201	ug/l	3.8	5000	
Cr	52	45	He	56.427	ug/l	1.5	20000	
Mn	55	45	He	275.154	ug/l	0.5	10000	
Fe	56	45	H2	2867.713	ug/l	5.0	500000	
Co	59	45	He	27.239	ug/l	1.9	2000	
Ni	60	45	He	55.848	ug/l	2.7	20000	
Cu	63	45	He	54.559	ug/l	0.9	20000	
Zn	66	45	He	260.480	ug/l	1.0	20000	
As	75	45	He	53.669	ug/l	3.7	5000	
Se	78	45	H2	54.101	ug/l	5.0	2000	
Sr	88	115	He	225.482	ug/l	0.5	5000	
Mo	95	115	He	54.349	ug/l	1.3	2000	
Ag	107	115	He	26.042	ug/l	1.7	100	
Cd	111	115	He	26.424	ug/l	3.8	5000	
Sn	118	115	He	54.173	ug/l	2.2	200	
Sb	121	115	He	26.697	ug/l	3.7	200	
Ba	135	159	He	79.321	ug/l	0.4	20000	
Tl	205	209	He	20.236	ug/l	0.7	1000	
[Pb]	206	209	He	26.826	ug/l	2.5		
[Pb]	207	209	He	26.962	ug/l	0.6		
Pb	208	209	He	26.654	ug/l	1.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1825401.05	1.8	96.8	60	125	
Sc (ISICPMS)	45	H2	1004838.74	5.3	96.0	60	125	
Sc (ISICPMS)	45	He	36508.76	0.5	89.5	60	125	
Ge (IS)	74	H2	187917.81	3.2	102.9	60	125	
Ge (IS)	74	He	23551.16	2.6	100.1	60	125	
Kr	83	He	16.68	34.6	125.0			
In-1	115	He	55758.22	0.3	88.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	358398.73	1.3	91.9	60	125	
Bi (IS)	209	He	312362.20	1.0	90.1	60	125	

Sample Report

File Name 074SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:52:52

Sample Name **460-233021-A-2-B DU**

Comment ---

Dilution **1.0000**

Vial # 3105

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.014	ug/l	24.6	2000	
B	11	6	No Gas	150.247	ug/l	1.0	500	
Na	23	45	He	33414.987	ug/l	2.5	500000	
Mg	24	45	He	9732.349	ug/l	0.9	500000	
Al	27	45	He	266.099	ug/l	20.0	200000	
K	39	45	He	4981.027	ug/l	1.2	500000	
Ca	40	45	H2	53100.044	ug/l	2.3	500000	
Ti	47	45	He	9.830	ug/l	0.5	5000	
V	51	45	He	1.696	ug/l	15.1	5000	
Cr	52	45	He	1.865	ug/l	15.5	20000	
Mn	55	45	He	6.110	ug/l	11.5	10000	
Fe	56	45	H2	249.079	ug/l	6.6	500000	
Co	59	45	He	0.160	ug/l	37.5	2000	
Ni	60	45	He	1.724	ug/l	9.7	20000	
Cu	63	45	He	1.822	ug/l	11.1	20000	
Zn	66	45	He	2.104	ug/l	31.0	20000	
As	75	45	He	0.472	ug/l	53.2	5000	
Se	78	45	H2	1.449	ug/l	41.6	2000	
Sr	88	115	He	177.908	ug/l	2.9	5000	
Mo	95	115	He	0.068	ug/l	63.1	2000	
Ag	107	115	He	0.000	ug/l	N/A	100	
Cd	111	115	He	0.027	ug/l	143.7	5000	
Sn	118	115	He	-0.263	ug/l	N/A	200	
Sb	121	115	He	0.171	ug/l	22.0	200	
Ba	135	159	He	32.208	ug/l	1.7	20000	
Tl	205	209	He	-0.099	ug/l	N/A	1000	
[Pb]	206	209	He	0.798	ug/l	3.2		
[Pb]	207	209	He	0.716	ug/l	11.4		
Pb	208	209	He	0.740	ug/l	4.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1863306.07	1.5	98.8	60	125	
Sc (ISICPMS)	45	H2	986607.62	3.5	94.2	60	125	
Sc (ISICPMS)	45	He	36173.29	0.5	88.6	60	125	
Ge (IS)	74	H2	186040.59	1.8	101.9	60	125	
Ge (IS)	74	He	23681.51	1.6	100.6	60	125	
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	55912.05	2.3	88.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	351588.64	1.2	90.2	60	125	
Bi (IS)	209	He	312812.66	0.5	90.2	60	125	

Sample Report

File Name 075SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:55:02

Sample Name **460-233021-D-2-C**

Comment ---

Dilution **1.0000**

Vial # 3106

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.009	ug/l	N/A	2000	
B	11	6	No Gas	148.753	ug/l	2.3	500	
Na	23	45	He	31923.903	ug/l	2.7	500000	
Mg	24	45	He	9488.174	ug/l	2.2	500000	
Al	27	45	He	235.229	ug/l	9.9	200000	
K	39	45	He	4925.598	ug/l	2.9	500000	
Ca	40	45	H2	52962.776	ug/l	2.5	500000	
Ti	47	45	He	5.534	ug/l	39.1	5000	
V	51	45	He	1.735	ug/l	26.1	5000	
Cr	52	45	He	2.048	ug/l	13.6	20000	
Mn	55	45	He	6.359	ug/l	13.2	10000	
Fe	56	45	H2	246.410	ug/l	4.4	500000	
Co	59	45	He	0.149	ug/l	15.7	2000	
Ni	60	45	He	1.462	ug/l	9.7	20000	
Cu	63	45	He	1.738	ug/l	3.3	20000	
Zn	66	45	He	3.224	ug/l	46.6	20000	
As	75	45	He	0.148	ug/l	161.6	5000	
Se	78	45	H2	1.270	ug/l	25.6	2000	
Sr	88	115	He	180.229	ug/l	1.1	5000	
Mo	95	115	He	0.070	ug/l	84.4	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.130	ug/l	N/A	200	
Sb	121	115	He	0.213	ug/l	10.0	200	
Ba	135	159	He	33.183	ug/l	1.4	20000	
Tl	205	209	He	-0.100	ug/l	N/A	1000	
[Pb]	206	209	He	0.709	ug/l	11.7		
[Pb]	207	209	He	0.710	ug/l	4.8		
Pb	208	209	He	0.691	ug/l	4.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1812268.01	0.6	96.1	60	125	
Sc (ISICPMS)	45	H2	969531.11	1.9	92.6	60	125	
Sc (ISICPMS)	45	He	36244.62	2.2	88.8	60	125	
Ge (IS)	74	H2	180889.76	0.6	99.1	60	125	
Ge (IS)	74	He	22364.66	2.7	95.0	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	54268.20	0.7	86.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	348609.48	1.1	89.4	60	125	
Bi (IS)	209	He	309612.35	0.7	89.3	60	125	

Sample Report

File Name 076SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:57:12

Sample Name **sd 460-233021-D-2-C@5**

Comment ---

Dilution **1.0000**

Vial # 3107

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.019	ug/l	46.8	2000	
B	11	6	No Gas	37.234	ug/l	1.8	500	
Na	23	45	He	7119.888	ug/l	2.4	500000	
Mg	24	45	He	2027.664	ug/l	1.5	500000	
Al	27	45	He	61.830	ug/l	24.9	200000	
K	39	45	He	1106.867	ug/l	2.0	500000	
Ca	40	45	H2	11365.881	ug/l	1.7	500000	
Ti	47	45	He	3.980	ug/l	39.5	5000	
V	51	45	He	1.196	ug/l	9.4	5000	
Cr	52	45	He	0.644	ug/l	28.3	20000	
Mn	55	45	He	1.460	ug/l	29.6	10000	
Fe	56	45	H2	62.454	ug/l	25.6	500000	
Co	59	45	He	0.007	ug/l	391.0	2000	
Ni	60	45	He	0.500	ug/l	27.9	20000	
Cu	63	45	He	0.388	ug/l	12.7	20000	
Zn	66	45	He	-1.060	ug/l	N/A	20000	
As	75	45	He	0.374	ug/l	129.3	5000	
Se	78	45	H2	0.209	ug/l	86.8	2000	
Sr	88	115	He	38.187	ug/l	2.7	5000	
Mo	95	115	He	0.008	ug/l	437.0	2000	
Ag	107	115	He	-0.012	ug/l	N/A	100	
Cd	111	115	He	0.002	ug/l	1459.0	5000	
Sn	118	115	He	0.079	ug/l	256.6	200	
Sb	121	115	He	0.052	ug/l	38.1	200	
Ba	135	159	He	6.722	ug/l	15.3	20000	
Tl	205	209	He	-0.112	ug/l	N/A	1000	
[Pb]	206	209	He	0.240	ug/l	25.3		
[Pb]	207	209	He	0.218	ug/l	36.4		
Pb	208	209	He	0.221	ug/l	16.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1858823.81	3.6	98.6	60	125	
Sc (ISICPMS)	45	H2	973523.64	1.6	93.0	60	125	
Sc (ISICPMS)	45	He	35760.03	0.9	87.6	60	125	
Ge (IS)	74	H2	180492.30	1.4	98.9	60	125	
Ge (IS)	74	He	23029.76	3.3	97.9	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	55731.54	1.5	88.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	351846.84	0.7	90.3	60	125	
Bi (IS)	209	He	312360.33	1.1	90.1	60	125	

Sample Report

File Name 077SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 10:59:24

Sample Name **460-233021-D-1-B**

Comment ---

Dilution **1.0000**

Vial # 3301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.032	ug/l	47.4	2000	
B	11	6	No Gas	131.082	ug/l	3.8	500	
Na	23	45	He	34944.678	ug/l	1.3	500000	
Mg	24	45	He	7275.584	ug/l	1.2	500000	
Al	27	45	He	743.295	ug/l	2.7	200000	
K	39	45	He	3392.033	ug/l	0.9	500000	
Ca	40	45	H2	40891.683	ug/l	4.9	500000	
Ti	47	45	He	33.324	ug/l	4.5	5000	
V	51	45	He	2.912	ug/l	4.9	5000	
Cr	52	45	He	6.904	ug/l	4.4	20000	
Mn	55	45	He	21.681	ug/l	2.2	10000	
Fe	56	45	H2	1760.944	ug/l	4.9	500000	
Co	59	45	He	0.539	ug/l	16.9	2000	
Ni	60	45	He	3.944	ug/l	0.9	20000	
Cu	63	45	He	3.142	ug/l	4.4	20000	
Zn	66	45	He	3.490	ug/l	21.0	20000	
As	75	45	He	0.789	ug/l	40.5	5000	
Se	78	45	H2	1.163	ug/l	31.5	2000	
Sr	88	115	He	200.073	ug/l	2.1	5000	
Mo	95	115	He	0.504	ug/l	34.0	2000	
Ag	107	115	He	-0.001	ug/l	N/A	100	
Cd	111	115	He	0.002	ug/l	1332.0	5000	
Sn	118	115	He	1.320	ug/l	47.3	200	
Sb	121	115	He	0.405	ug/l	12.5	200	
Ba	135	159	He	39.398	ug/l	7.7	20000	
Tl	205	209	He	-0.101	ug/l	N/A	1000	
[Pb]	206	209	He	7.072	ug/l	3.6		
[Pb]	207	209	He	6.873	ug/l	4.5		
Pb	208	209	He	7.047	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1775724.18	3.9	94.2	60	125	
Sc (ISICPMS)	45	H2	950182.53	1.9	90.8	60	125	
Sc (ISICPMS)	45	He	35068.32	1.1	85.9	60	125	
Ge (IS)	74	H2	183867.74	1.3	100.7	60	125	
Ge (IS)	74	He	22835.85	4.6	97.0	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	54546.60	0.8	86.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	346417.24	0.9	88.9	60	125	
Bi (IS)	209	He	305903.48	0.7	88.2	60	125	

Sample Report

File Name 078SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:01:34

Sample Name **460-233021-D-3-B**

Comment ---

Dilution **1.0000**

Vial # 3302

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.032	ug/l	17.9	2000	
B	11	6	No Gas	114.860	ug/l	4.3	500	
Na	23	45	He	29045.573	ug/l	2.8	500000	
Mg	24	45	He	6870.387	ug/l	1.9	500000	
Al	27	45	He	372.020	ug/l	10.1	200000	
K	39	45	He	4798.936	ug/l	2.4	500000	
Ca	40	45	H2	46829.639	ug/l	3.1	500000	
Ti	47	45	He	13.954	ug/l	17.0	5000	
V	51	45	He	2.782	ug/l	10.0	5000	
Cr	52	45	He	3.932	ug/l	11.3	20000	
Mn	55	45	He	60.540	ug/l	4.7	10000	
Fe	56	45	H2	1314.929	ug/l	1.6	500000	
Co	59	45	He	0.807	ug/l	17.5	2000	
Ni	60	45	He	4.741	ug/l	8.9	20000	
Cu	63	45	He	4.187	ug/l	1.1	20000	
Zn	66	45	He	5.906	ug/l	20.6	20000	
As	75	45	He	1.210	ug/l	29.9	5000	
Se	78	45	H2	1.150	ug/l	34.6	2000	
Sr	88	115	He	217.408	ug/l	1.3	5000	
Mo	95	115	He	1.213	ug/l	8.9	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.002	ug/l	1187.1	5000	
Sn	118	115	He	0.540	ug/l	21.4	200	
Sb	121	115	He	0.822	ug/l	10.6	200	
Ba	135	159	He	40.141	ug/l	8.1	20000	
Tl	205	209	He	-0.099	ug/l	N/A	1000	
[Pb]	206	209	He	1.578	ug/l	5.5		
[Pb]	207	209	He	1.371	ug/l	5.7		
Pb	208	209	He	1.499	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1798512.91	2.1	95.4	60	125	
Sc (ISICPMS)	45	H2	948728.73	5.0	90.6	60	125	
Sc (ISICPMS)	45	He	35008.26	3.0	85.8	60	125	
Ge (IS)	74	H2	175212.32	2.9	96.0	60	125	
Ge (IS)	74	He	22334.54	2.2	94.9	60	125	
Kr	83	He	16.68	34.6	125.0			
In-1	115	He	54219.85	1.8	86.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	345610.54	1.3	88.7	60	125	
Bi (IS)	209	He	309295.66	0.5	89.2	60	125	

Continuing Calibration Verification (CCV)

File Name 079_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:03:42

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	100.230	ug/l	1.4	100	90	110	
B	11	6	No Gas	252.939	ug/l	1.1	250	225	275	
Na	23	45	He	26580.128	ug/l	2.6	25000	22500	27500	
Mg	24	45	He	27431.577	ug/l	2.6	25000	22500	27500	
Al	27	45	He	25583.357	ug/l	1.2	25000	22500	27500	
K	39	45	He	25467.320	ug/l	0.7	25000	22500	27500	
Ca	40	45	H2	24865.507	ug/l	4.7	25000	22500	27500	
Ti	47	45	He	104.757	ug/l	5.0	100	90	110	
V	51	45	He	101.364	ug/l	1.4	100	90	110	
Cr	52	45	He	102.893	ug/l	2.8	100	90	110	
Mn	55	45	He	101.392	ug/l	2.5	100	90	110	
Fe	56	45	H2	24895.652	ug/l	5.0	25000	22500	27500	
Co	59	45	He	102.279	ug/l	4.3	100	90	110	
Ni	60	45	He	103.861	ug/l	3.2	100	90	110	
Cu	63	45	He	100.778	ug/l	2.1	100	90	110	
Zn	66	45	He	249.625	ug/l	3.6	250	225	275	
As	75	45	He	99.999	ug/l	2.9	100	90	110	
Se	78	45	H2	103.785	ug/l	3.9	100	90	110	
Sr	88	115	He	97.485	ug/l	2.0	100	90	110	
Mo	95	115	He	100.670	ug/l	3.1	100	90	110	
Ag	107	115	He	50.832	ug/l	2.0	50	45	55	
Cd	111	115	He	98.362	ug/l	0.3	100	90	110	
Sn	118	115	He	101.312	ug/l	0.8	100	90	110	
Sb	121	115	He	102.728	ug/l	1.6	100	90	110	
Ba	135	159	He	97.104	ug/l	2.4	100	90	110	
Tl	205	209	He	100.180	ug/l	1.2	100	90	110	
[Pb]	206	209	He	99.038	ug/l	0.9				
[Pb]	207	209	He	100.385	ug/l	1.8				
Pb	208	209	He	98.966	ug/l	1.2	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1784374.96	1.3	94.6	60	125	
Sc (ISICPMS)	45	H2	962262.07	3.6	91.9	60	125	
Sc (ISICPMS)	45	He	35529.48	1.2	87.1	60	125	
Ge (IS)	74	H2	168783.26	3.4	92.4	60	125	
Ge (IS)	74	He	21759.76	1.5	92.5	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	54916.43	2.7	87.2	60	125	
Tb (IS)	159	He	352900.43	1.1	90.5	60	125	
Bi (IS)	209	He	308534.06	1.1	89.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 080_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:05:51

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.014	ug/l	165.9	0.8	-0.8	0.8	
B	11	6	No Gas	9.383	ug/l	7.1	40	-40	40	
Na	23	45	He	53.987	ug/l	31.2	500	-500	500	
Mg	24	45	He	3.582	ug/l	26.7	200	-200	200	
Al	27	45	He	3.333	ug/l	55.5	40	-40	40	
K	39	45	He	64.841	ug/l	21.0	200	-200	200	
Ca	40	45	H2	4.146	ug/l	15.6	500	-500	500	
Ti	47	45	He	-0.648	ug/l	N/A	4	-4	4	
V	51	45	He	0.554	ug/l	64.6	4	-4	4	
Cr	52	45	He	0.216	ug/l	97.3	4	-4	4	
Mn	55	45	He	0.130	ug/l	176.1	8	-8	8	
Fe	56	45	H2	2.400	ug/l	22.6	60	-60	60	
Co	59	45	He	-0.028	ug/l	N/A	4	-4	4	
Ni	60	45	He	-0.011	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.064	ug/l	152.2	4	-4	4	
Zn	66	45	He	-1.775	ug/l	N/A	16	-16	16	
As	75	45	He	0.088	ug/l	44.7	2	-2	2	
Se	78	45	H2	0.028	ug/l	477.4	2.5	-2.5	2.5	
Sr	88	115	He	0.013	ug/l	398.8	4	-4	4	
Mo	95	115	He	-0.008	ug/l	N/A	4	-4	4	
Ag	107	115	He	0.008	ug/l	121.7	2	-2	2	
Cd	111	115	He	0.002	ug/l	1430.2	2	-2	2	
Sn	118	115	He	0.295	ug/l	130.3	16	-16	16	
Sb	121	115	He	0.046	ug/l	91.5	2	-2	2	
Ba	135	159	He	0.050	ug/l	160.1	4	-4	4	
Tl	205	209	He	-0.076	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.086	ug/l	43.1				
[Pb]	207	209	He	0.059	ug/l	48.6				
Pb	208	209	He	0.085	ug/l	17.3	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1794142.30	3.0	95.1	60	125	
Sc (ISICPMS)	45	H2	986611.50	1.3	94.2	60	125	
Sc (ISICPMS)	45	He	35716.71	2.1	87.5	60	125	
Ge (IS)	74	H2	161807.37	2.6	88.6	60	125	
Ge (IS)	74	He	20422.94	0.9	86.8	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	55014.60	1.1	87.4	60	125	
Tb (IS)	159	He	354091.52	0.8	90.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	314693.79	1.5	90.7	60	125	

Sample Report

File Name 081SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:08:03

Sample Name **460-233176-H-1-B**

Comment ---

Dilution **1.0000**

Vial # 3212

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.002	ug/l	109.1	2000	
B	11	6	No Gas	64.802	ug/l	2.4	500	
Na	23	45	He	111608.875	ug/l	2.2	500000	
Mg	24	45	He	4832.208	ug/l	0.1	500000	
Al	27	45	He	262.377	ug/l	2.8	200000	
K	39	45	He	11010.063	ug/l	1.4	500000	
Ca	40	45	H2	30220.445	ug/l	1.0	500000	
Ti	47	45	He	5.135	ug/l	19.9	5000	
V	51	45	He	5.143	ug/l	2.7	5000	
Cr	52	45	He	1.168	ug/l	5.8	20000	
Mn	55	45	He	32.992	ug/l	8.3	10000	
Fe	56	45	H2	173.525	ug/l	5.4	500000	
Co	59	45	He	0.114	ug/l	15.4	2000	
Ni	60	45	He	0.542	ug/l	16.3	20000	
Cu	63	45	He	3.893	ug/l	3.1	20000	
Zn	66	45	He	9.198	ug/l	7.0	20000	
As	75	45	He	0.652	ug/l	68.4	5000	
Se	78	45	H2	1.230	ug/l	16.2	2000	
Sr	88	115	He	520.252	ug/l	1.7	5000	
Mo	95	115	He	2.537	ug/l	10.6	2000	
Ag	107	115	He	0.006	ug/l	371.6	100	
Cd	111	115	He	0.016	ug/l	149.0	5000	
Sn	118	115	He	0.407	ug/l	49.0	200	
Sb	121	115	He	0.901	ug/l	12.5	200	
Ba	135	159	He	30.127	ug/l	1.5	20000	
Tl	205	209	He	-0.091	ug/l	N/A	1000	
[Pb]	206	209	He	1.237	ug/l	9.7		
[Pb]	207	209	He	1.063	ug/l	5.1		
Pb	208	209	He	1.138	ug/l	2.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1797449.47	1.7	95.3	60	125	
Sc (ISICPMS)	45	H2	950614.25	2.0	90.8	60	125	
Sc (ISICPMS)	45	He	34219.32	1.0	83.9	60	125	
Ge (IS)	74	H2	177949.57	0.5	97.5	60	125	
Ge (IS)	74	He	21983.60	4.8	93.4	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	53151.35	1.5	84.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	337493.90	0.6	86.6	60	125	
Bi (IS)	209	He	297997.27	0.2	85.9	60	125	

Sample Report

File Name 082SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:10:13

Sample Name **460-232494-D-1-B**

Comment ---

Dilution **1.0000**

Vial # 3108

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.080	ug/l	32.6	2000	
B	11	6	No Gas	19.240	ug/l	6.9	500	
Na	23	45	He	1889.312	ug/l	1.4	500000	
Mg	24	45	He	1475.301	ug/l	1.2	500000	
Al	27	45	He	10.595	ug/l	27.2	200000	
K	39	45	He	1203.205	ug/l	3.0	500000	
Ca	40	45	H2	2415.039	ug/l	2.1	500000	
Ti	47	45	He	-0.649	ug/l	N/A	5000	
V	51	45	He	1.224	ug/l	9.5	5000	
Cr	52	45	He	1.088	ug/l	23.8	20000	
Mn	55	45	He	132.822	ug/l	4.1	10000	
Fe	56	45	H2	9129.249	ug/l	4.3	500000	
Co	59	45	He	-0.024	ug/l	N/A	2000	
Ni	60	45	He	0.301	ug/l	25.5	20000	
Cu	63	45	He	3.297	ug/l	2.5	20000	
Zn	66	45	He	0.298	ug/l	137.2	20000	
As	75	45	He	0.219	ug/l	84.5	5000	
Se	78	45	H2	0.094	ug/l	80.7	2000	
Sr	88	115	He	22.205	ug/l	4.5	5000	
Mo	95	115	He	0.054	ug/l	63.0	2000	
Ag	107	115	He	-0.014	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.201	ug/l	N/A	200	
Sb	121	115	He	0.036	ug/l	91.6	200	
Ba	135	159	He	29.370	ug/l	8.3	20000	
Tl	205	209	He	-0.102	ug/l	N/A	1000	
[Pb]	206	209	He	0.063	ug/l	20.4		
[Pb]	207	209	He	0.079	ug/l	59.8		
Pb	208	209	He	0.091	ug/l	5.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1739004.84	3.9	92.2	60	125	
Sc (ISICPMS)	45	H2	989490.72	4.1	94.5	60	125	
Sc (ISICPMS)	45	He	34290.72	2.4	84.0	60	125	
Ge (IS)	74	H2	177320.13	3.5	97.1	60	125	
Ge (IS)	74	He	21646.04	2.2	92.0	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	53496.59	2.5	85.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	341601.45	1.2	87.6	60	125	
Bi (IS)	209	He	310223.42	1.9	89.5	60	125	

Sample Report

File Name 083SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:12:23

Sample Name **460-233026-H-10-F**

Comment ---

Dilution **1.0000**

Vial # 2112

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.523	ug/l	6.0	2000	
B	11	6	No Gas	24.597	ug/l	5.7	500	
Na	23	45	He	1588.660	ug/l	0.7	500000	
Mg	24	45	He	24798.792	ug/l	2.6	500000	
Al	27	45	He	56673.306	ug/l	2.0	200000	
K	39	45	He	10187.120	ug/l	1.2	500000	
Ca	40	45	H2	76368.283	ug/l	0.4	500000	
Ti	47	45	He	2763.635	ug/l	1.2	5000	
V	51	45	He	182.238	ug/l	1.5	5000	
Cr	52	45	He	137.134	ug/l	2.3	20000	
Mn	55	45	He	1918.151	ug/l	0.9	10000	
Fe	56	45	H2	119274.643	ug/l	2.7	500000	
Co	59	45	He	44.792	ug/l	1.2	2000	
Ni	60	45	He	114.305	ug/l	2.3	20000	
Cu	63	45	He	145.442	ug/l	2.4	20000	
Zn	66	45	He	546.904	ug/l	1.0	20000	
As	75	45	He	23.855	ug/l	7.1	5000	
Se	78	45	H2	2.199	ug/l	14.1	2000	
Sr	88	115	He	312.629	ug/l	1.6	5000	
Mo	95	115	He	7.237	ug/l	3.9	2000	
Ag	107	115	He	0.327	ug/l	19.9	100	
Cd	111	115	He	0.806	ug/l	28.1	5000	
Sn	118	115	He	13.603	ug/l	7.2	200	
Sb	121	115	He	0.753	ug/l	28.6	200	
Ba	135	159	He	435.516	ug/l	1.8	20000	
Tl	205	209	He	0.751	ug/l	5.4	1000	
[Pb]	206	209	He	263.332	ug/l	2.6		
[Pb]	207	209	He	245.443	ug/l	1.3		
Pb	208	209	He	253.037	ug/l	2.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1737973.34	3.7	92.2	60	125	
Sc (ISICPMS)	45	H2	960105.17	2.3	91.7	60	125	
Sc (ISICPMS)	45	He	35070.55	1.9	85.9	60	125	
Ge (IS)	74	H2	170609.26	1.9	93.4	60	125	
Ge (IS)	74	He	21589.25	0.4	91.7	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	51736.79	2.5	82.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	345000.80	1.8	88.5	60	125	
Bi (IS)	209	He	300505.01	1.4	86.6	60	125	

Sample Report

File Name 084SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:14:33

Sample Name **460-233026-E-11-H**

Comment ---

Dilution **1.0000**

Vial # 2201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.256	ug/l	7.4	2000	
B	11	6	No Gas	15.276	ug/l	1.0	500	
Na	23	45	He	1375.513	ug/l	0.8	500000	
Mg	24	45	He	21749.581	ug/l	2.4	500000	
Al	27	45	He	40489.283	ug/l	1.7	200000	
K	39	45	He	9187.070	ug/l	2.9	500000	
Ca	40	45	H2	107936.402	ug/l	3.7	500000	
Ti	47	45	He	2396.410	ug/l	1.3	5000	
V	51	45	He	142.201	ug/l	2.4	5000	
Cr	52	45	He	119.738	ug/l	1.5	20000	
Mn	55	45	He	4553.348	ug/l	1.1	10000	
Fe	56	45	H2	112889.211	ug/l	2.9	500000	
Co	59	45	He	36.018	ug/l	0.4	2000	
Ni	60	45	He	101.229	ug/l	2.8	20000	
Cu	63	45	He	110.568	ug/l	2.1	20000	
Zn	66	45	He	387.761	ug/l	0.3	20000	
As	75	45	He	17.068	ug/l	10.7	5000	
Se	78	45	H2	0.911	ug/l	39.5	2000	
Sr	88	115	He	391.216	ug/l	2.4	5000	
Mo	95	115	He	13.621	ug/l	3.4	2000	
Ag	107	115	He	0.240	ug/l	24.5	100	
Cd	111	115	He	0.670	ug/l	39.9	5000	
Sn	118	115	He	5.453	ug/l	7.9	200	
Sb	121	115	He	0.387	ug/l	23.2	200	
Ba	135	159	He	345.157	ug/l	0.2	20000	
Tl	205	209	He	0.543	ug/l	2.9	1000	
[Pb]	206	209	He	215.670	ug/l	1.0		
[Pb]	207	209	He	205.276	ug/l	1.1		
Pb	208	209	He	209.180	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1696798.34	2.6	90.0	60	125	
Sc (ISICPMS)	45	H2	932353.29	2.3	89.0	60	125	
Sc (ISICPMS)	45	He	34163.67	0.6	83.7	60	125	
Ge (IS)	74	H2	166091.76	2.4	91.0	60	125	
Ge (IS)	74	He	21111.37	2.5	89.7	60	125	
Kr	83	He	30.03	66.7	225.0			
In-1	115	He	52735.62	0.3	83.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	344633.35	0.9	88.4	60	125	
Bi (IS)	209	He	299727.80	0.4	86.4	60	125	

Sample Report

File Name 085SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:16:43

Sample Name **460-233032-E-2-C**

Comment ---

Dilution **1.0000**

Vial # 2202

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	7.454	ug/l	0.3	2000	
B	11	6	No Gas	27.164	ug/l	3.9	500	
Na	23	45	He	6207.815	ug/l	1.3	500000	
Mg	24	45	He	42635.750	ug/l	2.1	500000	
Al	27	45	He	124183.044	ug/l	1.4	200000	
K	39	45	He	10487.341	ug/l	1.4	500000	
Ca	40	45	H2	49816.679	ug/l	4.3	500000	
Ti	47	45	He	5832.476	ug/l	0.4	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	271.347	ug/l	1.8	5000	
Cr	52	45	He	178.107	ug/l	1.7	20000	
Mn	55	45	He	2307.603	ug/l	1.5	10000	
Fe	56	45	H2	200149.854	ug/l	2.0	500000	
Co	59	45	He	73.673	ug/l	0.4	2000	
Ni	60	45	He	175.360	ug/l	0.9	20000	
Cu	63	45	He	165.385	ug/l	0.8	20000	
Zn	66	45	He	724.623	ug/l	1.4	20000	
As	75	45	He	43.069	ug/l	3.2	5000	
Se	78	45	H2	2.988	ug/l	13.0	2000	
Sr	88	115	He	327.196	ug/l	2.3	5000	
Mo	95	115	He	16.826	ug/l	5.7	2000	
Ag	107	115	He	0.385	ug/l	10.1	100	
Cd	111	115	He	1.998	ug/l	19.4	5000	
Sn	118	115	He	37.571	ug/l	2.2	200	
Sb	121	115	He	0.324	ug/l	27.5	200	
Ba	135	159	He	512.790	ug/l	2.1	20000	
Tl	205	209	He	2.039	ug/l	3.6	1000	
[Pb]	206	209	He	315.912	ug/l	0.7		
[Pb]	207	209	He	302.833	ug/l	0.7		
Pb	208	209	He	312.239	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1829383.52	2.5	97.0	60	125	
Sc (ISICPMS)	45	H2	993683.47	4.2	94.9	60	125	
Sc (ISICPMS)	45	He	36997.77	0.7	90.7	60	125	
Ge (IS)	74	H2	177071.23	0.7	97.0	60	125	
Ge (IS)	74	He	23233.59	1.6	98.7	60	125	
Kr	83	He	63.40	18.2	475.0			
In-1	115	He	54231.93	2.5	86.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	371951.84	0.9	95.4	60	125	
Bi (IS)	209	He	305613.49	0.8	88.1	60	125	

Sample Report

File Name 086SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:18:54

Sample Name **460-233032-E-3-C**

Comment ---

Dilution **1.0000**

Vial # 2203

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	4.688	ug/l	3.3	2000	
B	11	6	No Gas	19.043	ug/l	2.7	500	
Na	23	45	He	1156.788	ug/l	11.7	500000	
Mg	24	45	He	53150.704	ug/l	3.8	500000	
Al	27	45	He	138731.074	ug/l	2.5	200000	
K	39	45	He	18135.886	ug/l	3.4	500000	
Ca	40	45	H2	46828.244	ug/l	2.0	500000	
Ti	47	45	He	8499.281	ug/l	3.5	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	369.739	ug/l	2.0	5000	
Cr	52	45	He	227.217	ug/l	4.9	20000	
Mn	55	45	He	3489.822	ug/l	1.9	10000	
Fe	56	45	H2	188322.390	ug/l	0.3	500000	
Co	59	45	He	78.404	ug/l	1.2	2000	
Ni	60	45	He	156.539	ug/l	3.2	20000	
Cu	63	45	He	2549.591	ug/l	0.8	20000	
Zn	66	45	He	1653.389	ug/l	1.7	20000	
As	75	45	He	28.132	ug/l	3.3	5000	
Se	78	45	H2	2.539	ug/l	8.2	2000	
Sr	88	115	He	182.971	ug/l	5.0	5000	
Mo	95	115	He	8.172	ug/l	1.6	2000	
Ag	107	115	He	1.050	ug/l	1.9	100	
Cd	111	115	He	4.100	ug/l	12.8	5000	
Sn	118	115	He	24.416	ug/l	2.6	200	
Sb	121	115	He	1.443	ug/l	14.4	200	
Ba	135	159	He	1468.731	ug/l	1.5	20000	
Tl	205	209	He	1.880	ug/l	6.4	1000	
[Pb]	206	209	He	2806.410	ug/l	0.8		
[Pb]	207	209	He	2738.828	ug/l	1.5		
Pb	208	209	He	2757.007	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1835561.86	2.9	97.3	60	125	
Sc (ISICPMS)	45	H2	1029021.94	3.3	98.3	60	125	
Sc (ISICPMS)	45	He	38499.73	2.9	94.3	60	125	
Ge (IS)	74	H2	183223.21	0.7	100.3	60	125	
Ge (IS)	74	He	23902.09	1.4	101.6	60	125	
Kr	83	He	43.38	26.6	325.0			
In-1	115	He	55992.52	2.4	89.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	369377.71	0.1	94.8	60	125	
Bi (IS)	209	He	316272.24	0.5	91.2	60	125	

Sample Report

File Name 087SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:21:01

Sample Name **460-233032-E-4-C**

Comment ---

Dilution **1.0000**

Vial # 2204

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.018	ug/l	1.6	2000	
B	11	6	No Gas	23.260	ug/l	3.6	500	
Na	23	45	He	1485.394	ug/l	4.2	500000	
Mg	24	45	He	45095.590	ug/l	2.8	500000	
Al	27	45	He	126802.987	ug/l	1.5	200000	
K	39	45	He	18361.176	ug/l	2.2	500000	
Ca	40	45	H2	36100.574	ug/l	2.4	500000	
Ti	47	45	He	7087.624	ug/l	2.3	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	277.131	ug/l	1.4	5000	
Cr	52	45	He	175.334	ug/l	3.5	20000	
Mn	55	45	He	2293.470	ug/l	2.8	10000	
Fe	56	45	H2	185555.428	ug/l	1.0	500000	
Co	59	45	He	73.144	ug/l	2.1	2000	
Ni	60	45	He	135.186	ug/l	4.3	20000	
Cu	63	45	He	219.701	ug/l	1.5	20000	
Zn	66	45	He	765.999	ug/l	6.4	20000	
As	75	45	He	25.023	ug/l	2.5	5000	
Se	78	45	H2	2.219	ug/l	2.6	2000	
Sr	88	115	He	124.395	ug/l	2.9	5000	
Mo	95	115	He	6.032	ug/l	12.6	2000	
Ag	107	115	He	0.373	ug/l	10.3	100	
Cd	111	115	He	1.210	ug/l	17.4	5000	
Sn	118	115	He	10.312	ug/l	9.3	200	
Sb	121	115	He	0.334	ug/l	12.4	200	
Ba	135	159	He	830.565	ug/l	1.7	20000	
Tl	205	209	He	1.383	ug/l	3.5	1000	
[Pb]	206	209	He	672.939	ug/l	3.3		
[Pb]	207	209	He	639.741	ug/l	4.2		
Pb	208	209	He	652.099	ug/l	2.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1891050.28	1.0	100.3	60	125	
Sc (ISICPMS)	45	H2	1068940.70	2.0	102.1	60	125	
Sc (ISICPMS)	45	He	38956.55	2.7	95.5	60	125	
Ge (IS)	74	H2	183020.63	1.6	100.2	60	125	
Ge (IS)	74	He	22782.41	3.5	96.8	60	125	
Kr	83	He	80.08	12.5	600.0			
In-1	115	He	56499.54	1.1	89.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	374974.21	1.0	96.2	60	125	
Bi (IS)	209	He	317052.42	1.4	91.4	60	125	

Sample Report

File Name 088SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:23:11

Sample Name **460-233032-E-5-C@5**

Comment ---

Dilution **1.0000**

Vial # 2205

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.470	ug/l	8.2	2000	
B	11	6	No Gas	6.065	ug/l	8.3	500	
Na	23	45	He	308.344	ug/l	2.8	500000	
Mg	24	45	He	11361.974	ug/l	0.8	500000	
Al	27	45	He	11855.413	ug/l	1.5	200000	
K	39	45	He	2520.425	ug/l	2.1	500000	
Ca	40	45	H2	59497.600	ug/l	2.2	500000	
Ti	47	45	He	764.697	ug/l	4.4	5000	
V	51	45	He	39.018	ug/l	4.9	5000	
Cr	52	45	He	40.504	ug/l	2.0	20000	
Mn	55	45	He	509.012	ug/l	2.0	10000	
Fe	56	45	H2	34864.925	ug/l	1.5	500000	
Co	59	45	He	12.140	ug/l	2.0	2000	
Ni	60	45	He	35.513	ug/l	0.5	20000	
Cu	63	45	He	110.127	ug/l	1.3	20000	
Zn	66	45	He	804.325	ug/l	1.0	20000	
As	75	45	He	15.788	ug/l	4.8	5000	
Se	78	45	H2	1.333	ug/l	9.6	2000	
Sr	88	115	He	132.173	ug/l	3.5	5000	
Mo	95	115	He	1.740	ug/l	13.0	2000	
Ag	107	115	He	0.377	ug/l	12.0	100	
Cd	111	115	He	3.055	ug/l	5.6	5000	
Sn	118	115	He	18.242	ug/l	4.6	200	
Sb	121	115	He	0.905	ug/l	1.9	200	
Ba	135	159	He	410.429	ug/l	1.6	20000	
Tl	205	209	He	0.141	ug/l	12.3	1000	
[Pb]	206	209	He	1248.427	ug/l	1.2		
[Pb]	207	209	He	1211.217	ug/l	1.5		
Pb	208	209	He	1202.590	ug/l	1.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1831467.79	1.9	97.1	60	125	
Sc (ISICPMS)	45	H2	972725.88	5.8	92.9	60	125	
Sc (ISICPMS)	45	He	35497.11	0.6	87.0	60	125	
Ge (IS)	74	H2	179625.45	2.6	98.4	60	125	
Ge (IS)	74	He	22835.93	2.8	97.0	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	55254.01	0.5	87.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	350759.40	1.4	90.0	60	125	
Bi (IS)	209	He	311393.83	1.5	89.8	60	125	

Sample Report

File Name 089SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:25:20

Sample Name **460-233032-E-6-C@6**

Comment ---

Dilution **1.0000**

Vial # 2206

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.579	ug/l	9.6	2000	
B	11	6	No Gas	6.079	ug/l	7.1	500	
Na	23	45	He	614.287	ug/l	3.3	500000	
Mg	24	45	He	14833.209	ug/l	0.8	500000	
Al	27	45	He	18672.539	ug/l	1.9	200000	
K	39	45	He	5361.378	ug/l	2.4	500000	
Ca	40	45	H2	74549.811	ug/l	0.3	500000	
Ti	47	45	He	1518.618	ug/l	1.7	5000	
V	51	45	He	56.126	ug/l	0.6	5000	
Cr	52	45	He	43.844	ug/l	5.8	20000	
Mn	55	45	He	521.554	ug/l	0.2	10000	
Fe	56	45	H2	34236.675	ug/l	2.8	500000	
Co	59	45	He	13.797	ug/l	3.6	2000	
Ni	60	45	He	35.031	ug/l	1.0	20000	
Cu	63	45	He	92.439	ug/l	1.3	20000	
Zn	66	45	He	364.362	ug/l	3.2	20000	
As	75	45	He	10.354	ug/l	12.0	5000	
Se	78	45	H2	0.541	ug/l	54.8	2000	
Sr	88	115	He	143.772	ug/l	2.1	5000	
Mo	95	115	He	1.632	ug/l	11.1	2000	
Ag	107	115	He	4.263	ug/l	3.5	100	
Cd	111	115	He	1.462	ug/l	5.1	5000	
Sn	118	115	He	345.961	ug/l	1.7	200	>LDR 6020B
Sb	121	115	He	16.589	ug/l	4.9	200	
Ba	135	159	He	349.874	ug/l	1.2	20000	
Tl	205	209	He	0.214	ug/l	6.0	1000	
[Pb]	206	209	He	1425.451	ug/l	1.7		
[Pb]	207	209	He	1360.258	ug/l	0.4		
Pb	208	209	He	1366.295	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1811598.08	2.6	96.1	60	125	
Sc (ISICPMS)	45	H2	998621.19	0.1	95.4	60	125	
Sc (ISICPMS)	45	He	34843.26	1.7	85.4	60	125	
Ge (IS)	74	H2	176061.78	3.1	96.4	60	125	
Ge (IS)	74	He	21739.68	3.2	92.4	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	54085.73	0.7	85.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	348721.02	1.0	89.5	60	125	
Bi (IS)	209	He	309985.91	1.0	89.4	60	125	

Sample Report

File Name 090SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:27:29

Sample Name **460-233032-E-7-C@7**

Comment ---

Dilution **1.0000**

Vial # 2207

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.037	ug/l	12.0	2000	
B	11	6	No Gas	8.175	ug/l	8.7	500	
Na	23	45	He	457.388	ug/l	4.8	500000	
Mg	24	45	He	8828.830	ug/l	3.2	500000	
Al	27	45	He	20003.707	ug/l	1.2	200000	
K	39	45	He	2912.246	ug/l	1.1	500000	
Ca	40	45	H2	36039.977	ug/l	3.7	500000	
Ti	47	45	He	939.162	ug/l	3.6	5000	
V	51	45	He	56.372	ug/l	3.5	5000	
Cr	52	45	He	35.355	ug/l	4.7	20000	
Mn	55	45	He	502.636	ug/l	3.0	10000	
Fe	56	45	H2	28859.306	ug/l	2.7	500000	
Co	59	45	He	14.781	ug/l	3.5	2000	
Ni	60	45	He	32.459	ug/l	4.6	20000	
Cu	63	45	He	74.811	ug/l	3.1	20000	
Zn	66	45	He	649.407	ug/l	0.7	20000	
As	75	45	He	15.798	ug/l	3.9	5000	
Se	78	45	H2	2.946	ug/l	7.2	2000	
Sr	88	115	He	145.688	ug/l	2.8	5000	
Mo	95	115	He	2.863	ug/l	6.0	2000	
Ag	107	115	He	0.381	ug/l	16.8	100	
Cd	111	115	He	1.282	ug/l	14.0	5000	
Sn	118	115	He	14.493	ug/l	2.8	200	
Sb	121	115	He	0.625	ug/l	18.5	200	
Ba	135	159	He	446.193	ug/l	2.9	20000	
Tl	205	209	He	0.265	ug/l	16.1	1000	
[Pb]	206	209	He	941.208	ug/l	2.7		
[Pb]	207	209	He	918.964	ug/l	2.0		
Pb	208	209	He	896.345	ug/l	1.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1825943.40	1.0	96.8	60	125	
Sc (ISICPMS)	45	H2	991118.92	2.6	94.7	60	125	
Sc (ISICPMS)	45	He	35131.85	2.9	86.1	60	125	
Ge (IS)	74	H2	172607.35	0.8	94.5	60	125	
Ge (IS)	74	He	21976.89	0.5	93.4	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	54454.45	1.5	86.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	350318.82	1.7	89.9	60	125	
Bi (IS)	209	He	303833.35	1.1	87.6	60	125	

Continuing Calibration Verification (CCV)

File Name 091_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:29:38

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	98.813	ug/l	3.6	100	90	110	
B	11	6	No Gas	247.317	ug/l	4.7	250	225	275	
Na	23	45	He	26533.179	ug/l	2.9	25000	22500	27500	
Mg	24	45	He	27428.837	ug/l	1.0	25000	22500	27500	
Al	27	45	He	25784.637	ug/l	0.8	25000	22500	27500	
K	39	45	He	25924.310	ug/l	1.0	25000	22500	27500	
Ca	40	45	H2	25477.307	ug/l	1.6	25000	22500	27500	
Ti	47	45	He	105.417	ug/l	5.4	100	90	110	
V	51	45	He	103.273	ug/l	2.8	100	90	110	
Cr	52	45	He	104.038	ug/l	2.7	100	90	110	
Mn	55	45	He	101.783	ug/l	1.7	100	90	110	
Fe	56	45	H2	25439.811	ug/l	1.1	25000	22500	27500	
Co	59	45	He	103.855	ug/l	1.2	100	90	110	
Ni	60	45	He	103.580	ug/l	1.9	100	90	110	
Cu	63	45	He	104.832	ug/l	1.9	100	90	110	
Zn	66	45	He	251.483	ug/l	2.0	250	225	275	
As	75	45	He	103.586	ug/l	0.5	100	90	110	
Se	78	45	H2	109.767	ug/l	1.5	100	90	110	
Sr	88	115	He	99.945	ug/l	3.0	100	90	110	
Mo	95	115	He	103.367	ug/l	1.2	100	90	110	
Ag	107	115	He	52.731	ug/l	1.8	50	45	55	
Cd	111	115	He	104.611	ug/l	3.8	100	90	110	
Sn	118	115	He	105.569	ug/l	5.1	100	90	110	
Sb	121	115	He	103.313	ug/l	1.7	100	90	110	
Ba	135	159	He	97.985	ug/l	3.5	100	90	110	
Tl	205	209	He	101.143	ug/l	0.3	100	90	110	
[Pb]	206	209	He	100.733	ug/l	1.5				
[Pb]	207	209	He	100.204	ug/l	1.5				
Pb	208	209	He	100.487	ug/l	1.2	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1783646.48	3.5	94.6	60	125	
Sc (ISICPMS)	45	H2	952861.82	1.4	91.0	60	125	
Sc (ISICPMS)	45	He	35335.55	1.4	86.6	60	125	
Ge (IS)	74	H2	167530.33	2.0	91.8	60	125	
Ge (IS)	74	He	21829.88	0.7	92.8	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	53959.78	1.5	85.7	60	125	
Tb (IS)	159	He	351307.77	0.3	90.1	60	125	
Bi (IS)	209	He	308634.41	0.7	89.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 092_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:31:47

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.030	ug/l	91.1	0.8	-0.8	0.8	
B	11	6	No Gas	6.547	ug/l	8.5	40	-40	40	
Na	23	45	He	72.209	ug/l	6.4	500	-500	500	
Mg	24	45	He	6.709	ug/l	17.0	200	-200	200	
Al	27	45	He	9.141	ug/l	15.0	40	-40	40	
K	39	45	He	83.037	ug/l	19.2	200	-200	200	
Ca	40	45	H2	8.025	ug/l	17.8	500	-500	500	
Ti	47	45	He	-0.649	ug/l	N/A	4	-4	4	
V	51	45	He	0.159	ug/l	160.4	4	-4	4	
Cr	52	45	He	0.383	ug/l	69.4	4	-4	4	
Mn	55	45	He	0.123	ug/l	45.5	8	-8	8	
Fe	56	45	H2	12.279	ug/l	3.0	60	-60	60	
Co	59	45	He	-0.037	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.022	ug/l	237.5	4	-4	4	
Cu	63	45	He	0.126	ug/l	15.6	4	-4	4	
Zn	66	45	He	-1.290	ug/l	N/A	16	-16	16	
As	75	45	He	0.164	ug/l	75.2	2	-2	2	
Se	78	45	H2	-0.056	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	0.087	ug/l	90.5	4	-4	4	
Mo	95	115	He	0.008	ug/l	116.9	4	-4	4	
Ag	107	115	He	-0.001	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.001	ug/l	1531.8	2	-2	2	
Sn	118	115	He	-0.085	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.008	ug/l	247.6	2	-2	2	
Ba	135	159	He	0.095	ug/l	143.9	4	-4	4	
Tl	205	209	He	-0.076	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.299	ug/l	8.2				
[Pb]	207	209	He	0.333	ug/l	4.7				
Pb	208	209	He	0.317	ug/l	7.1	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1816176.01	2.0	96.3	60	125	
Sc (ISICPMS)	45	H2	963690.64	0.8	92.0	60	125	
Sc (ISICPMS)	45	He	35333.26	0.5	86.6	60	125	
Ge (IS)	74	H2	161694.37	2.9	88.6	60	125	
Ge (IS)	74	He	21221.50	3.9	90.2	60	125	
Kr	83	He	13.35	43.3	100.0			
In-1	115	He	55562.02	0.6	88.3	60	125	
Tb (IS)	159	He	354699.89	0.7	91.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	318858.99	1.8	91.9	60	125	

Sample Report

File Name 093SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:33:59

Sample Name **MB 460-775310/1-A**

Comment ---

Dilution **1.0000**

Vial # 4201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.003	ug/l	402.2	2000	
B	11	6	No Gas	3.003	ug/l	12.0	500	
Na	23	45	He	62.484	ug/l	27.7	500000	
Mg	24	45	He	1.819	ug/l	106.1	500000	
Al	27	45	He	5.542	ug/l	55.8	200000	
K	39	45	He	84.527	ug/l	12.2	500000	
Ca	40	45	H2	4.912	ug/l	34.0	500000	
Ti	47	45	He	-0.353	ug/l	N/A	5000	
V	51	45	He	-0.079	ug/l	N/A	5000	
Cr	52	45	He	0.347	ug/l	36.0	20000	
Mn	55	45	He	0.345	ug/l	22.6	10000	
Fe	56	45	H2	5.967	ug/l	22.9	500000	
Co	59	45	He	-0.039	ug/l	N/A	2000	
Ni	60	45	He	0.052	ug/l	230.9	20000	
Cu	63	45	He	0.162	ug/l	43.9	20000	
Zn	66	45	He	-0.929	ug/l	N/A	20000	
As	75	45	He	-0.059	ug/l	N/A	5000	
Se	78	45	H2	-0.037	ug/l	N/A	2000	
Sr	88	115	He	0.073	ug/l	34.5	5000	
Mo	95	115	He	-0.003	ug/l	N/A	2000	
Ag	107	115	He	0.003	ug/l	736.1	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.057	ug/l	236.9	200	
Sb	121	115	He	0.011	ug/l	81.5	200	
Ba	135	159	He	0.050	ug/l	159.8	20000	
Tl	205	209	He	-0.103	ug/l	N/A	1000	
[Pb]	206	209	He	0.244	ug/l	5.8		
[Pb]	207	209	He	0.214	ug/l	33.3		
Pb	208	209	He	0.242	ug/l	15.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1777175.70	1.1	94.2	60	125	
Sc (ISICPMS)	45	H2	984247.48	3.2	94.0	60	125	
Sc (ISICPMS)	45	He	35871.44	2.4	87.9	60	125	
Ge (IS)	74	H2	162786.44	0.7	89.2	60	125	
Ge (IS)	74	He	20392.84	2.4	86.7	60	125	
Kr	83	He	10.01	NaN	75.0			
In-1	115	He	55267.12	0.7	87.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	353697.11	1.8	90.7	60	125	
Bi (IS)	209	He	320490.45	1.0	92.4	60	125	

Sample Report

File Name 094SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:36:11

Sample Name **MB 460-775311/1-B**

Comment ---

Dilution **1.0000**

Vial # 4201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.009	ug/l	68.5	2000	
B	11	6	No Gas	2.019	ug/l	3.8	500	
Na	23	45	He	39.864	ug/l	32.4	500000	
Mg	24	45	He	2.283	ug/l	64.9	500000	
Al	27	45	He	1.800	ug/l	91.3	200000	
K	39	45	He	51.404	ug/l	41.7	500000	
Ca	40	45	H2	3.575	ug/l	48.5	500000	
Ti	47	45	He	-0.801	ug/l	N/A	5000	
V	51	45	He	-0.120	ug/l	N/A	5000	
Cr	52	45	He	0.080	ug/l	95.9	20000	
Mn	55	45	He	-0.002	ug/l	N/A	10000	
Fe	56	45	H2	4.372	ug/l	37.8	500000	
Co	59	45	He	-0.029	ug/l	N/A	2000	
Ni	60	45	He	-0.062	ug/l	N/A	20000	
Cu	63	45	He	0.088	ug/l	72.2	20000	
Zn	66	45	He	-1.527	ug/l	N/A	20000	
As	75	45	He	-0.085	ug/l	N/A	5000	
Se	78	45	H2	-0.015	ug/l	N/A	2000	
Sr	88	115	He	-0.003	ug/l	N/A	5000	
Mo	95	115	He	0.002	ug/l	800.8	2000	
Ag	107	115	He	-0.003	ug/l	N/A	100	
Cd	111	115	He	0.001	ug/l	1587.7	5000	
Sn	118	115	He	0.058	ug/l	460.7	200	
Sb	121	115	He	-0.002	ug/l	N/A	200	
Ba	135	159	He	0.004	ug/l	2080.5	20000	
Tl	205	209	He	-0.108	ug/l	N/A	1000	
[Pb]	206	209	He	0.242	ug/l	28.1		
[Pb]	207	209	He	0.204	ug/l	5.8		
Pb	208	209	He	0.207	ug/l	13.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1795184.42	2.1	95.2	60	125	
Sc (ISICPMS)	45	H2	997077.03	3.7	95.2	60	125	
Sc (ISICPMS)	45	He	37121.53	2.7	91.0	60	125	
Ge (IS)	74	H2	166622.78	2.3	91.3	60	125	
Ge (IS)	74	He	20800.60	1.3	88.4	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	56136.39	0.4	89.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	356535.36	0.9	91.5	60	125	
Bi (IS)	209	He	319084.06	1.0	92.0	60	125	

Sample Report

File Name 095SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:38:23

Sample Name **LCS 460-775310/2-A**

Comment ---

Dilution **1.0000**

Vial # 4202

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	25.248	ug/l	3.8	2000	
B	11	6	No Gas	508.825	ug/l	4.7	500	>LDR 6020B
Na	23	45	He	2899.346	ug/l	0.7	500000	
Mg	24	45	He	2798.033	ug/l	3.5	500000	
Al	27	45	He	2663.945	ug/l	1.9	200000	
K	39	45	He	2660.818	ug/l	3.6	500000	
Ca	40	45	H2	2718.662	ug/l	3.5	500000	
Ti	47	45	He	44.195	ug/l	8.3	5000	
V	51	45	He	53.439	ug/l	3.3	5000	
Cr	52	45	He	54.723	ug/l	1.8	20000	
Mn	55	45	He	267.162	ug/l	1.6	10000	
Fe	56	45	H2	2798.130	ug/l	2.8	500000	
Co	59	45	He	26.979	ug/l	2.3	2000	
Ni	60	45	He	55.738	ug/l	1.3	20000	
Cu	63	45	He	54.437	ug/l	1.1	20000	
Zn	66	45	He	258.534	ug/l	2.2	20000	
As	75	45	He	55.995	ug/l	4.6	5000	
Se	78	45	H2	54.001	ug/l	4.2	2000	
Sr	88	115	He	53.215	ug/l	3.4	5000	
Mo	95	115	He	53.018	ug/l	2.3	2000	
Ag	107	115	He	26.878	ug/l	1.5	100	
Cd	111	115	He	26.594	ug/l	1.1	5000	
Sn	118	115	He	56.128	ug/l	0.7	200	
Sb	121	115	He	26.490	ug/l	2.2	200	
Ba	135	159	He	51.420	ug/l	6.0	20000	
Tl	205	209	He	20.548	ug/l	1.1	1000	
[Pb]	206	209	He	26.468	ug/l	1.8		
[Pb]	207	209	He	26.335	ug/l	3.2		
Pb	208	209	He	26.379	ug/l	2.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1877252.63	1.5	99.5	60	125	
Sc (ISICPMS)	45	H2	1019329.63	3.3	97.4	60	125	
Sc (ISICPMS)	45	He	36653.67	1.4	89.8	60	125	
Ge (IS)	74	H2	170720.42	4.5	93.5	60	125	
Ge (IS)	74	He	21980.17	2.0	93.4	60	125	
Kr	83	He	6.67	173.2	50.0			
In-1	115	He	56026.02	0.8	89.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	357090.51	0.4	91.6	60	125	
Bi (IS)	209	He	317276.87	0.7	91.5	60	125	

Sample Report

File Name 096SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:40:34

Sample Name **460-233050-F-1-C MS**

Comment ---

Dilution **1.0000**

Vial # 4203

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	30.094	ug/l	3.7	2000	
B	11	6	No Gas	612.559	ug/l	4.2	500	>LDR 6020B
Na	23	45	He	66683.783	ug/l	1.9	500000	
Mg	24	45	He	34498.073	ug/l	1.7	500000	
Al	27	45	He	3001.930	ug/l	1.5	200000	
K	39	45	He	7643.971	ug/l	2.8	500000	
Ca	40	45	H2	61200.390	ug/l	2.5	500000	
Ti	47	45	He	63.370	ug/l	4.7	5000	
V	51	45	He	60.384	ug/l	3.1	5000	
Cr	52	45	He	60.446	ug/l	3.8	20000	
Mn	55	45	He	482.742	ug/l	2.1	10000	
Fe	56	45	H2	3016.796	ug/l	5.9	500000	
Co	59	45	He	29.918	ug/l	3.3	2000	
Ni	60	45	He	62.029	ug/l	2.2	20000	
Cu	63	45	He	60.711	ug/l	1.6	20000	
Zn	66	45	He	287.227	ug/l	2.8	20000	
As	75	45	He	63.178	ug/l	1.7	5000	
Se	78	45	H2	62.441	ug/l	1.4	2000	
Sr	88	115	He	237.726	ug/l	3.0	5000	
Mo	95	115	He	65.484	ug/l	4.6	2000	
Ag	107	115	He	28.547	ug/l	1.0	100	
Cd	111	115	He	31.053	ug/l	3.7	5000	
Sn	118	115	He	61.632	ug/l	1.3	200	
Sb	121	115	He	27.798	ug/l	2.2	200	
Ba	135	159	He	107.922	ug/l	4.8	20000	
Tl	205	209	He	23.216	ug/l	0.2	1000	
[Pb]	206	209	He	30.033	ug/l	1.8		
[Pb]	207	209	He	29.332	ug/l	0.9		
Pb	208	209	He	29.673	ug/l	0.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1785470.25	3.9	94.7	60	125	
Sc (ISICPMS)	45	H2	997270.37	5.1	95.2	60	125	
Sc (ISICPMS)	45	He	35268.62	2.1	86.4	60	125	
Ge (IS)	74	H2	169514.25	1.2	92.8	60	125	
Ge (IS)	74	He	21843.19	1.3	92.8	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	53665.85	1.2	85.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	350867.19	0.9	90.0	60	125	
Bi (IS)	209	He	306403.29	0.7	88.3	60	125	

Sample Report

File Name 097SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:42:44

Sample Name **460-233050-F-1-B DU**

Comment ---

Dilution **1.0000**

Vial # 4204

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.009	ug/l	151.2	2000	
B	11	6	No Gas	41.009	ug/l	3.0	500	
Na	23	45	He	66148.347	ug/l	1.1	500000	
Mg	24	45	He	32602.310	ug/l	1.5	500000	
Al	27	45	He	5.706	ug/l	89.7	200000	
K	39	45	He	4874.351	ug/l	1.6	500000	
Ca	40	45	H2	57811.084	ug/l	4.1	500000	
Ti	47	45	He	-0.007	ug/l	N/A	5000	
V	51	45	He	0.291	ug/l	90.3	5000	
Cr	52	45	He	0.157	ug/l	107.0	20000	
Mn	55	45	He	191.481	ug/l	3.2	10000	
Fe	56	45	H2	3.260	ug/l	27.7	500000	
Co	59	45	He	0.191	ug/l	29.0	2000	
Ni	60	45	He	0.988	ug/l	23.1	20000	
Cu	63	45	He	0.420	ug/l	19.1	20000	
Zn	66	45	He	-1.654	ug/l	N/A	20000	
As	75	45	He	0.782	ug/l	51.3	5000	
Se	78	45	H2	1.811	ug/l	14.1	2000	
Sr	88	115	He	187.784	ug/l	3.4	5000	
Mo	95	115	He	4.269	ug/l	4.2	2000	
Ag	107	115	He	0.005	ug/l	109.4	100	
Cd	111	115	He	0.002	ug/l	1058.8	5000	
Sn	118	115	He	-0.412	ug/l	N/A	200	
Sb	121	115	He	0.104	ug/l	9.7	200	
Ba	135	159	He	45.116	ug/l	4.3	20000	
Tl	205	209	He	-0.058	ug/l	N/A	1000	
[Pb]	206	209	He	0.194	ug/l	31.1		
[Pb]	207	209	He	0.150	ug/l	17.5		
Pb	208	209	He	0.164	ug/l	10.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1796503.05	1.3	95.3	60	125	
Sc (ISICPMS)	45	H2	963255.76	1.6	92.0	60	125	
Sc (ISICPMS)	45	He	33672.40	1.6	82.5	60	125	
Ge (IS)	74	H2	170169.83	1.4	93.2	60	125	
Ge (IS)	74	He	20543.11	3.1	87.3	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	52610.64	0.3	83.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	343881.11	1.9	88.2	60	125	
Bi (IS)	209	He	304718.23	0.5	87.9	60	125	

Sample Report

File Name 098SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:44:54

Sample Name **460-233050-F-1-A**

Comment ---

Dilution **1.0000**

Vial # 4205

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.004	ug/l	388.3	2000	
B	11	6	No Gas	33.164	ug/l	0.6	500	
Na	23	45	He	64307.477	ug/l	1.8	500000	
Mg	24	45	He	31918.030	ug/l	0.3	500000	
Al	27	45	He	6.723	ug/l	22.1	200000	
K	39	45	He	4818.694	ug/l	1.1	500000	
Ca	40	45	H2	59373.633	ug/l	2.1	500000	
Ti	47	45	He	-0.646	ug/l	N/A	5000	
V	51	45	He	0.415	ug/l	30.8	5000	
Cr	52	45	He	0.199	ug/l	211.8	20000	
Mn	55	45	He	189.171	ug/l	1.0	10000	
Fe	56	45	H2	2.141	ug/l	20.3	500000	
Co	59	45	He	0.135	ug/l	29.4	2000	
Ni	60	45	He	0.885	ug/l	13.0	20000	
Cu	63	45	He	0.356	ug/l	30.9	20000	
Zn	66	45	He	-1.004	ug/l	N/A	20000	
As	75	45	He	0.811	ug/l	1.2	5000	
Se	78	45	H2	1.259	ug/l	18.8	2000	
Sr	88	115	He	183.378	ug/l	4.0	5000	
Mo	95	115	He	4.335	ug/l	5.1	2000	
Ag	107	115	He	-0.007	ug/l	N/A	100	
Cd	111	115	He	0.029	ug/l	139.1	5000	
Sn	118	115	He	-0.379	ug/l	N/A	200	
Sb	121	115	He	0.107	ug/l	29.5	200	
Ba	135	159	He	43.694	ug/l	6.1	20000	
Tl	205	209	He	-0.072	ug/l	N/A	1000	
[Pb]	206	209	He	0.139	ug/l	9.5		
[Pb]	207	209	He	0.084	ug/l	10.2		
Pb	208	209	He	0.128	ug/l	19.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1722367.91	2.4	91.3	60	125	
Sc (ISICPMS)	45	H2	933009.48	3.6	89.1	60	125	
Sc (ISICPMS)	45	He	34471.11	0.8	84.5	60	125	
Ge (IS)	74	H2	168813.35	0.8	92.5	60	125	
Ge (IS)	74	He	21014.42	2.2	89.3	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	52775.83	0.4	83.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	342157.83	1.7	87.8	60	125	
Bi (IS)	209	He	303349.19	1.7	87.5	60	125	

Sample Report

File Name 099SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:47:05

Sample Name **sd 460-233050-F-1-A@5**

Comment ---

Dilution **1.0000**

Vial # 4206

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.040	ug/l	20.4	2000	
B	11	6	No Gas	84.803	ug/l	2.2	500	
Na	23	45	He	13839.353	ug/l	0.9	500000	
Mg	24	45	He	6608.402	ug/l	0.5	500000	
Al	27	45	He	398.838	ug/l	4.2	200000	
K	39	45	He	1072.287	ug/l	4.2	500000	
Ca	40	45	H2	13010.952	ug/l	1.6	500000	
Ti	47	45	He	0.622	ug/l	79.7	5000	
V	51	45	He	1.392	ug/l	9.5	5000	
Cr	52	45	He	1.486	ug/l	7.5	20000	
Mn	55	45	He	54.288	ug/l	0.7	10000	
Fe	56	45	H2	98.947	ug/l	2.3	500000	
Co	59	45	He	0.160	ug/l	27.0	2000	
Ni	60	45	He	0.697	ug/l	31.1	20000	
Cu	63	45	He	3.319	ug/l	5.3	20000	
Zn	66	45	He	1.862	ug/l	47.3	20000	
As	75	45	He	0.413	ug/l	29.3	5000	
Se	78	45	H2	0.394	ug/l	44.0	2000	
Sr	88	115	He	47.146	ug/l	5.7	5000	
Mo	95	115	He	0.824	ug/l	14.8	2000	
Ag	107	115	He	0.001	ug/l	412.7	100	
Cd	111	115	He	0.409	ug/l	9.2	5000	
Sn	118	115	He	-0.052	ug/l	N/A	200	
Sb	121	115	He	0.056	ug/l	99.3	200	
Ba	135	159	He	9.363	ug/l	12.6	20000	
Tl	205	209	He	-0.058	ug/l	N/A	1000	
[Pb]	206	209	He	1.281	ug/l	1.4		
[Pb]	207	209	He	1.335	ug/l	8.4		
Pb	208	209	He	1.308	ug/l	3.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1716529.80	1.9	91.0	60	125	
Sc (ISICPMS)	45	H2	955537.49	2.1	91.3	60	125	
Sc (ISICPMS)	45	He	33900.85	1.5	83.1	60	125	
Ge (IS)	74	H2	167668.05	1.5	91.8	60	125	
Ge (IS)	74	He	20920.88	1.0	88.9	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	52899.78	2.5	84.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	340920.64	1.2	87.5	60	125	
Bi (IS)	209	He	301959.92	0.5	87.1	60	125	

Sample Report

File Name 100SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:49:16

Sample Name **460-233050-G-5-A**

Comment ---

Dilution **1.0000**

Vial # 4207

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.027	ug/l	133.4	2000	
B	11	6	No Gas	26.701	ug/l	2.8	500	
Na	23	45	He	39916.438	ug/l	1.8	500000	
Mg	24	45	He	27669.492	ug/l	1.9	500000	
Al	27	45	He	11.372	ug/l	30.3	200000	
K	39	45	He	3101.873	ug/l	0.7	500000	
Ca	40	45	H2	54896.555	ug/l	0.7	500000	
Ti	47	45	He	-0.184	ug/l	N/A	5000	
V	51	45	He	0.066	ug/l	305.8	5000	
Cr	52	45	He	0.955	ug/l	22.5	20000	
Mn	55	45	He	177.294	ug/l	3.2	10000	
Fe	56	45	H2	15.551	ug/l	33.7	500000	
Co	59	45	He	0.142	ug/l	28.1	2000	
Ni	60	45	He	0.815	ug/l	7.7	20000	
Cu	63	45	He	0.611	ug/l	6.0	20000	
Zn	66	45	He	0.507	ug/l	79.9	20000	
As	75	45	He	0.492	ug/l	40.6	5000	
Se	78	45	H2	1.759	ug/l	25.9	2000	
Sr	88	115	He	123.242	ug/l	1.1	5000	
Mo	95	115	He	1.108	ug/l	2.2	2000	
Ag	107	115	He	-0.006	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.008	ug/l	N/A	200	
Sb	121	115	He	0.164	ug/l	25.6	200	
Ba	135	159	He	38.282	ug/l	3.7	20000	
Tl	205	209	He	-0.079	ug/l	N/A	1000	
[Pb]	206	209	He	0.236	ug/l	11.5		
[Pb]	207	209	He	0.164	ug/l	4.8		
Pb	208	209	He	0.203	ug/l	11.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1707315.46	1.6	90.5	60	125	
Sc (ISICPMS)	45	H2	945226.59	1.2	90.3	60	125	
Sc (ISICPMS)	45	He	34606.03	0.6	84.8	60	125	
Ge (IS)	74	H2	168667.59	0.7	92.4	60	125	
Ge (IS)	74	He	21194.93	1.0	90.1	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	52789.69	1.7	83.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	345341.27	2.3	88.6	60	125	
Bi (IS)	209	He	306472.60	0.6	88.4	60	125	

Sample Report

File Name 101SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:51:26

Sample Name **460-232485-A-19-B**

Comment ---

Dilution **1.0000**

Vial # 2512

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.598	ug/l	16.1	2000	
B	11	6	No Gas	12.013	ug/l	8.4	500	
Na	23	45	He	13898.449	ug/l	1.5	500000	
Mg	24	45	He	340.733	ug/l	2.0	500000	
Al	27	45	He	60220.288	ug/l	1.1	200000	
K	39	45	He	162.998	ug/l	17.2	500000	
Ca	40	45	H2	1108.585	ug/l	2.1	500000	
Ti	47	45	He	125.568	ug/l	0.6	5000	
V	51	45	He	141.860	ug/l	1.3	5000	
Cr	52	45	He	60.377	ug/l	1.3	20000	
Mn	55	45	He	5.990	ug/l	2.3	10000	
Fe	56	45	H2	1287.059	ug/l	3.4	500000	
Co	59	45	He	1.372	ug/l	10.2	2000	
Ni	60	45	He	4.102	ug/l	5.9	20000	
Cu	63	45	He	17.176	ug/l	1.5	20000	
Zn	66	45	He	6.348	ug/l	21.4	20000	
As	75	45	He	3.265	ug/l	1.4	5000	
Se	78	45	H2	0.194	ug/l	84.1	2000	
Sr	88	115	He	125.919	ug/l	2.5	5000	
Mo	95	115	He	3.987	ug/l	6.6	2000	
Ag	107	115	He	0.015	ug/l	28.8	100	
Cd	111	115	He	0.095	ug/l	87.9	5000	
Sn	118	115	He	6.485	ug/l	6.5	200	
Sb	121	115	He	0.026	ug/l	59.7	200	
Ba	135	159	He	94.348	ug/l	0.4	20000	
Tl	205	209	He	-0.067	ug/l	N/A	1000	
[Pb]	206	209	He	16.570	ug/l	1.4		
[Pb]	207	209	He	15.163	ug/l	1.8		
Pb	208	209	He	15.891	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1760724.85	5.3	93.4	60	125	
Sc (ISICPMS)	45	H2	1004656.30	2.4	96.0	60	125	
Sc (ISICPMS)	45	He	37870.08	0.7	92.8	60	125	
Ge (IS)	74	H2	169233.21	1.7	92.7	60	125	
Ge (IS)	74	He	22170.84	2.8	94.2	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	53874.63	0.8	85.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	354680.53	0.1	91.0	60	125	
Bi (IS)	209	He	308464.51	1.3	88.9	60	125	

Sample Report

File Name 102SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:53:37

Sample Name **460-232485-A-20-B**

Comment ---

Dilution **1.0000**

Vial # 2311

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.471	ug/l	12.4	2000	
B	11	6	No Gas	10.755	ug/l	4.0	500	
Na	23	45	He	2172.069	ug/l	0.9	500000	
Mg	24	45	He	65.958	ug/l	8.6	500000	
Al	27	45	He	56728.353	ug/l	0.7	200000	
K	39	45	He	315.570	ug/l	4.6	500000	
Ca	40	45	H2	124.979	ug/l	2.4	500000	
Ti	47	45	He	704.062	ug/l	1.8	5000	
V	51	45	He	444.909	ug/l	1.5	5000	
Cr	52	45	He	23.217	ug/l	0.7	20000	
Mn	55	45	He	1.480	ug/l	18.2	10000	
Fe	56	45	H2	915.180	ug/l	3.5	500000	
Co	59	45	He	2.313	ug/l	3.7	2000	
Ni	60	45	He	5.046	ug/l	4.3	20000	
Cu	63	45	He	10.552	ug/l	2.4	20000	
Zn	66	45	He	3.332	ug/l	22.3	20000	
As	75	45	He	19.590	ug/l	7.2	5000	
Se	78	45	H2	0.132	ug/l	47.1	2000	
Sr	88	115	He	80.013	ug/l	2.7	5000	
Mo	95	115	He	4.597	ug/l	14.9	2000	
Ag	107	115	He	0.039	ug/l	26.8	100	
Cd	111	115	He	0.014	ug/l	155.2	5000	
Sn	118	115	He	1.627	ug/l	18.7	200	
Sb	121	115	He	0.078	ug/l	31.4	200	
Ba	135	159	He	105.096	ug/l	1.9	20000	
Tl	205	209	He	-0.098	ug/l	N/A	1000	
[Pb]	206	209	He	22.808	ug/l	0.7		
[Pb]	207	209	He	21.626	ug/l	0.8		
Pb	208	209	He	22.056	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1823906.93	1.0	96.7	60	125	
Sc (ISICPMS)	45	H2	1006873.44	2.0	96.2	60	125	
Sc (ISICPMS)	45	He	37271.78	1.0	91.3	60	125	
Ge (IS)	74	H2	180887.86	1.9	99.1	60	125	
Ge (IS)	74	He	22939.57	3.6	97.5	60	125	
Kr	83	He	36.70	41.7	275.0			
In-1	115	He	55282.97	1.1	87.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	386206.23	2.3	99.1	60	125	
Bi (IS)	209	He	315077.46	0.9	90.9	60	125	

Continuing Calibration Verification (CCV)

File Name 103_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:55:47

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	101.047	ug/l	6.7	100	90	110	
B	11	6	No Gas	253.106	ug/l	5.0	250	225	275	
Na	23	45	He	26921.484	ug/l	3.9	25000	22500	27500	
Mg	24	45	He	28037.637	ug/l	3.5	25000	22500	27500	failed
Al	27	45	He	26096.876	ug/l	1.4	25000	22500	27500	
K	39	45	He	26132.603	ug/l	3.9	25000	22500	27500	
Ca	40	45	H2	25676.024	ug/l	2.0	25000	22500	27500	
Ti	47	45	He	107.252	ug/l	3.7	100	90	110	
V	51	45	He	104.088	ug/l	1.3	100	90	110	
Cr	52	45	He	105.920	ug/l	1.0	100	90	110	
Mn	55	45	He	106.865	ug/l	2.4	100	90	110	
Fe	56	45	H2	25640.012	ug/l	3.3	25000	22500	27500	
Co	59	45	He	103.760	ug/l	0.9	100	90	110	
Ni	60	45	He	106.377	ug/l	3.2	100	90	110	
Cu	63	45	He	105.479	ug/l	0.8	100	90	110	
Zn	66	45	He	261.416	ug/l	4.4	250	225	275	
As	75	45	He	106.023	ug/l	0.8	100	90	110	
Se	78	45	H2	103.532	ug/l	4.1	100	90	110	
Sr	88	115	He	101.364	ug/l	3.2	100	90	110	
Mo	95	115	He	103.353	ug/l	1.2	100	90	110	
Ag	107	115	He	52.663	ug/l	2.8	50	45	55	
Cd	111	115	He	102.408	ug/l	3.4	100	90	110	
Sn	118	115	He	104.724	ug/l	3.4	100	90	110	
Sb	121	115	He	103.326	ug/l	3.1	100	90	110	
Ba	135	159	He	100.639	ug/l	3.7	100	90	110	
Tl	205	209	He	104.695	ug/l	1.0	100	90	110	
[Pb]	206	209	He	103.670	ug/l	1.5				
[Pb]	207	209	He	101.187	ug/l	0.5				
Pb	208	209	He	102.588	ug/l	0.3	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1867963.77	6.0	99.0	60	125	
Sc (ISICPMS)	45	H2	1000223.58	1.8	95.5	60	125	
Sc (ISICPMS)	45	He	35186.44	1.2	86.2	60	125	
Ge (IS)	74	H2	168047.12	1.6	92.0	60	125	
Ge (IS)	74	He	22718.90	1.5	96.5	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	54519.53	1.6	86.6	60	125	
Tb (IS)	159	He	347785.83	0.7	89.2	60	125	
Bi (IS)	209	He	303489.02	0.5	87.5	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 104_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 11:57:56

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.020	ug/l	38.2	0.8	-0.8	0.8	
B	11	6	No Gas	6.771	ug/l	6.4	40	-40	40	
Na	23	45	He	59.964	ug/l	14.6	500	-500	500	
Mg	24	74	He	6.089	ug/l	2.2	200	-200	200	
Al	27	45	He	9.316	ug/l	98.5	40	-40	40	
K	39	45	He	70.405	ug/l	38.0	200	-200	200	
Ca	40	45	H2	4.853	ug/l	11.1	500	-500	500	
Ti	47	45	He	-0.656	ug/l	N/A	4	-4	4	
V	51	45	He	0.333	ug/l	43.1	4	-4	4	
Cr	52	45	He	0.153	ug/l	156.5	4	-4	4	
Mn	55	45	He	0.158	ug/l	168.6	8	-8	8	
Fe	56	45	H2	3.888	ug/l	1.5	60	-60	60	
Co	59	45	He	-0.038	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.024	ug/l	1108.8	4	-4	4	
Cu	63	45	He	0.012	ug/l	658.0	4	-4	4	
Zn	66	45	He	-1.883	ug/l	N/A	16	-16	16	
As	75	45	He	0.108	ug/l	82.8	2	-2	2	
Se	78	45	H2	-0.036	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	-0.003	ug/l	N/A	4	-4	4	
Mo	95	115	He	-0.003	ug/l	N/A	4	-4	4	
Ag	107	115	He	0.014	ug/l	107.1	2	-2	2	
Cd	111	115	He	0.027	ug/l	140.8	2	-2	2	
Sn	118	115	He	-0.043	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.023	ug/l	66.3	2	-2	2	
Ba	135	159	He	0.096	ug/l	1.7	4	-4	4	
Tl	205	209	He	-0.074	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.121	ug/l	16.8				
[Pb]	207	209	He	0.076	ug/l	8.1				
Pb	208	209	He	0.102	ug/l	7.7	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1865103.24	2.3	98.9	60	125	
Sc (ISICPMS)	45	H2	984801.98	1.2	94.1	60	125	
Sc (ISICPMS)	45	He	36870.70	1.4	90.4	60	125	
Ge (IS)	74	H2	162216.34	0.1	88.8	60	125	
Ge (IS)	74	He	21482.29	2.8	91.3	60	125	
Kr	83	He	13.35	43.3	100.0			
In-1	115	He	55998.12	1.9	89.0	60	125	
Tb (IS)	159	He	354989.16	1.2	91.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	318382.54	0.4	91.8	60	125	

Sample Report

File Name 105SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:00:08

Sample Name **460-232678-E-3-A**

Comment ---

Dilution **1.0000**

Vial # 3110

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.047	ug/l	28.5	2000	
B	11	6	No Gas	193.205	ug/l	2.9	500	
Na	23	45	He	69296.909	ug/l	2.6	500000	
Mg	24	74	He	28770.924	ug/l	1.7	500000	
Al	27	45	He	276.737	ug/l	2.0	200000	
K	39	45	He	5274.983	ug/l	1.8	500000	
Ca	40	45	H2	91434.492	ug/l	1.3	500000	
Ti	47	45	He	6.967	ug/l	18.7	5000	
V	51	45	He	2.101	ug/l	12.5	5000	
Cr	52	45	He	2.697	ug/l	14.5	20000	
Mn	55	45	He	4370.395	ug/l	1.9	10000	
Fe	56	45	H2	6763.694	ug/l	2.5	500000	
Co	59	45	He	4.411	ug/l	3.7	2000	
Ni	60	45	He	3.847	ug/l	2.7	20000	
Cu	63	45	He	1.658	ug/l	8.1	20000	
Zn	66	45	He	5.681	ug/l	28.9	20000	
As	75	45	He	5.665	ug/l	6.5	5000	
Se	78	45	H2	0.292	ug/l	91.2	2000	
Sr	88	115	He	499.818	ug/l	1.4	5000	
Mo	95	115	He	1.441	ug/l	7.5	2000	
Ag	107	115	He	0.003	ug/l	117.7	100	
Cd	111	115	He	0.002	ug/l	1002.1	5000	
Sn	118	115	He	-0.095	ug/l	N/A	200	
Sb	121	115	He	0.069	ug/l	73.4	200	
Ba	135	159	He	102.091	ug/l	4.0	20000	
Tl	205	209	He	-0.092	ug/l	N/A	1000	
[Pb]	206	209	He	0.348	ug/l	16.8		
[Pb]	207	209	He	0.286	ug/l	2.7		
Pb	208	209	He	0.321	ug/l	3.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1768259.07	1.8	93.8	60	125	
Sc (ISICPMS)	45	H2	973507.29	1.6	93.0	60	125	
Sc (ISICPMS)	45	He	33010.93	0.4	80.9	60	125	
Ge (IS)	74	H2	169728.59	1.7	93.0	60	125	
Ge (IS)	74	He	21161.47	2.8	89.9	60	125	
Kr	83	He	16.68	69.3	125.0			
In-1	115	He	51581.90	0.9	81.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	336618.42	1.2	86.4	60	125	
Bi (IS)	209	He	293860.91	0.5	84.7	60	125	

Sample Report

File Name 106SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:02:18

Sample Name **460-232678-E-4-A**

Comment ---

Dilution **1.0000**

Vial # 3111

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.086	ug/l	28.4	2000	
B	11	6	No Gas	408.353	ug/l	1.3	500	
Na	23	45	He	149075.234	ug/l	3.2	500000	
Mg	24	45	He	30209.249	ug/l	0.5	500000	
Al	27	45	He	1208.336	ug/l	1.1	200000	
K	39	45	He	3017.372	ug/l	0.6	500000	
Ca	40	45	H2	79823.034	ug/l	3.6	500000	
Ti	47	45	He	35.436	ug/l	8.0	5000	
V	51	45	He	3.281	ug/l	6.1	5000	
Cr	52	45	He	2.679	ug/l	16.8	20000	
Mn	55	45	He	2485.229	ug/l	0.7	10000	
Fe	56	45	H2	10568.671	ug/l	1.9	500000	
Co	59	45	He	2.388	ug/l	2.1	2000	
Ni	60	45	He	11.973	ug/l	1.9	20000	
Cu	63	45	He	5.849	ug/l	1.4	20000	
Zn	66	45	He	7.846	ug/l	15.8	20000	
As	75	45	He	10.680	ug/l	3.6	5000	
Se	78	45	H2	0.283	ug/l	104.1	2000	
Sr	88	115	He	851.637	ug/l	1.6	5000	
Mo	95	115	He	1.735	ug/l	9.9	2000	
Ag	107	115	He	-0.006	ug/l	N/A	100	
Cd	111	115	He	0.045	ug/l	143.0	5000	
Sn	118	115	He	0.272	ug/l	73.8	200	
Sb	121	115	He	0.065	ug/l	48.0	200	
Ba	135	159	He	202.394	ug/l	1.8	20000	
Tl	205	209	He	-0.095	ug/l	N/A	1000	
[Pb]	206	209	He	1.223	ug/l	5.6		
[Pb]	207	209	He	1.097	ug/l	10.3		
Pb	208	209	He	1.188	ug/l	3.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1708288.45	1.0	90.6	60	125	
Sc (ISICPMS)	45	H2	900096.00	4.4	86.0	60	125	
Sc (ISICPMS)	45	He	33015.24	0.3	80.9	60	125	
Ge (IS)	74	H2	166504.29	2.2	91.2	60	125	
Ge (IS)	74	He	21181.48	2.7	90.0	60	125	
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	50377.50	1.0	80.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	326646.06	1.2	83.8	60	125	
Bi (IS)	209	He	287188.40	1.2	82.8	60	125	

Sample Report

File Name 107SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:04:27

Sample Name **460-232772-E-2-A**

Comment ---

Dilution **1.0000**

Vial # 3112

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.015	ug/l	170.7	2000	
B	11	6	No Gas	1361.299	ug/l	2.0	500	>LDR 6020B
Na	23	45	He	189307.077	ug/l	1.6	500000	
Mg	24	45	He	82468.051	ug/l	3.1	500000	
Al	27	45	He	103.034	ug/l	7.6	200000	
K	39	45	He	4214.469	ug/l	1.4	500000	
Ca	40	45	H2	366620.139	ug/l	2.5	500000	
Ti	47	45	He	3.915	ug/l	60.5	5000	
V	51	45	He	1.590	ug/l	8.0	5000	
Cr	52	45	He	0.981	ug/l	19.3	20000	
Mn	55	45	He	5765.394	ug/l	2.2	10000	
Fe	56	45	H2	4094.854	ug/l	0.4	500000	
Co	59	45	He	0.418	ug/l	3.6	2000	
Ni	60	45	He	1.940	ug/l	18.0	20000	
Cu	63	45	He	1.911	ug/l	3.4	20000	
Zn	66	45	He	4.400	ug/l	28.3	20000	
As	75	45	He	7.485	ug/l	12.1	5000	
Se	78	45	H2	0.475	ug/l	7.2	2000	
Sr	88	115	He	5037.016	ug/l	1.8	5000	>LDR 6020B□>LDR 200.8
Mo	95	115	He	24.111	ug/l	3.5	2000	
Ag	107	115	He	-0.012	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.081	ug/l	939.5	200	
Sb	121	115	He	0.059	ug/l	32.7	200	
Ba	135	159	He	41.816	ug/l	9.8	20000	
Tl	205	209	He	-0.101	ug/l	N/A	1000	
[Pb]	206	209	He	0.492	ug/l	26.5		
[Pb]	207	209	He	0.497	ug/l	9.9		
Pb	208	209	He	0.505	ug/l	6.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1684702.16	2.9	89.3	60	125	
Sc (ISICPMS)	45	H2	894417.31	1.3	85.4	60	125	
Sc (ISICPMS)	45	He	33089.93	2.2	81.1	60	125	
Ge (IS)	74	H2	166969.08	0.4	91.4	60	125	
Ge (IS)	74	He	21268.46	3.5	90.4	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	49756.85	1.2	79.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	325332.36	0.3	83.5	60	125	
Bi (IS)	209	He	287665.97	2.4	82.9	60	125	

Sample Report

File Name 108SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:06:38

Sample Name **460-232772-E-4-A**

Comment ---

Dilution **1.0000**

Vial # 3202

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.026	ug/l	101.2	2000	
B	11	6	No Gas	4352.843	ug/l	4.5	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	179700.463	ug/l	3.9	500000	
Mg	24	45	He	74989.502	ug/l	2.9	500000	
Al	27	45	He	354.585	ug/l	6.7	200000	
K	39	45	He	2468.020	ug/l	1.0	500000	
Ca	40	45	H2	523814.729	ug/l	4.0	500000	>LDR 6020B□>LDR 200.8
Ti	47	45	He	11.472	ug/l	18.8	5000	
V	51	45	He	1.275	ug/l	7.2	5000	
Cr	52	45	He	6.400	ug/l	71.4	20000	
Mn	55	45	He	838.818	ug/l	0.9	10000	
Fe	56	45	H2	1463.738	ug/l	4.7	500000	
Co	59	45	He	0.372	ug/l	4.8	2000	
Ni	60	45	He	3.182	ug/l	2.6	20000	
Cu	63	45	He	1.559	ug/l	6.0	20000	
Zn	66	45	He	1.858	ug/l	59.5	20000	
As	75	45	He	2.249	ug/l	20.3	5000	
Se	78	45	H2	0.485	ug/l	47.0	2000	
Sr	88	115	He	9151.062	ug/l	2.5	5000	>LDR 6020B□>LDR 200.8
Mo	95	115	He	23.575	ug/l	4.4	2000	
Ag	107	115	He	0.012	ug/l	27.6	100	
Cd	111	115	He	0.017	ug/l	287.8	5000	
Sn	118	115	He	-0.072	ug/l	N/A	200	
Sb	121	115	He	0.107	ug/l	47.9	200	
Ba	135	159	He	18.889	ug/l	12.4	20000	
Tl	205	209	He	-0.101	ug/l	N/A	1000	
[Pb]	206	209	He	0.861	ug/l	12.1		
[Pb]	207	209	He	0.835	ug/l	13.1		
Pb	208	209	He	0.867	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1757215.61	2.1	93.2	60	125	
Sc (ISICPMS)	45	H2	916846.77	0.5	87.6	60	125	
Sc (ISICPMS)	45	He	33949.75	0.8	83.2	60	125	
Ge (IS)	74	H2	172377.87	1.6	94.4	60	125	
Ge (IS)	74	He	21920.12	3.7	93.2	60	125	
Kr	83	He	13.35	43.3	100.0			
In-1	115	He	50485.33	1.7	80.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	333034.09	0.9	85.4	60	125	
Bi (IS)	209	He	287786.50	0.6	83.0	60	125	

Sample Report

File Name 109SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:08:46

Sample Name **460-233032-E-8-C**

Comment ---

Dilution **1.0000**

Vial # 2208

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.022	ug/l	3.0	2000	
B	11	6	No Gas	117.243	ug/l	0.8	500	
Na	23	45	He	7149.186	ug/l	1.0	500000	
Mg	24	45	He	78748.868	ug/l	1.8	500000	
Al	27	45	He	135392.261	ug/l	2.5	200000	
K	39	45	He	35908.679	ug/l	0.6	500000	
Ca	40	45	H2	76749.790	ug/l	1.6	500000	
Ti	47	45	He	11767.262	ug/l	1.3	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	339.937	ug/l	3.0	5000	
Cr	52	45	He	248.139	ug/l	3.8	20000	
Mn	55	45	He	3597.522	ug/l	2.7	10000	
Fe	56	45	H2	220880.850	ug/l	2.3	500000	
Co	59	45	He	97.398	ug/l	2.0	2000	
Ni	60	45	He	195.695	ug/l	1.9	20000	
Cu	63	45	He	245.746	ug/l	1.3	20000	
Zn	66	45	He	465.793	ug/l	3.5	20000	
As	75	45	He	17.351	ug/l	7.1	5000	
Se	78	45	H2	0.634	ug/l	5.3	2000	
Sr	88	115	He	246.029	ug/l	2.0	5000	
Mo	95	115	He	4.236	ug/l	7.7	2000	
Ag	107	115	He	0.193	ug/l	18.3	100	
Cd	111	115	He	0.802	ug/l	25.4	5000	
Sn	118	115	He	6.163	ug/l	7.9	200	
Sb	121	115	He	0.134	ug/l	19.7	200	
Ba	135	159	He	715.753	ug/l	3.7	20000	
Tl	205	209	He	2.295	ug/l	3.9	1000	
[Pb]	206	209	He	81.519	ug/l	1.5		
[Pb]	207	209	He	76.345	ug/l	1.4		
Pb	208	209	He	78.953	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1729891.47	1.7	91.7	60	125	
Sc (ISICPMS)	45	H2	961344.55	0.6	91.8	60	125	
Sc (ISICPMS)	45	He	34607.05	1.3	84.8	60	125	
Ge (IS)	74	H2	161653.51	2.2	88.5	60	125	
Ge (IS)	74	He	20576.61	3.1	87.4	60	125	
Kr	83	He	30.03	88.2	225.0			
In-1	115	He	49470.20	1.3	78.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	339149.80	1.1	87.0	60	125	
Bi (IS)	209	He	286676.95	1.2	82.7	60	125	

Sample Report

File Name 110SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:10:55

Sample Name **460-233113-C-6-B**

Comment ---

Dilution **1.0000**

Vial # 2209

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.866	ug/l	2.7	2000	
B	11	6	No Gas	57.064	ug/l	1.0	500	
Na	23	45	He	1552.797	ug/l	2.8	500000	
Mg	24	45	He	29885.755	ug/l	1.7	500000	
Al	27	45	He	59776.260	ug/l	0.9	200000	
K	39	45	He	10480.859	ug/l	3.7	500000	
Ca	40	45	H2	75234.652	ug/l	1.2	500000	
Ti	47	45	He	2799.384	ug/l	0.7	5000	
V	51	45	He	189.736	ug/l	1.7	5000	
Cr	52	45	He	133.158	ug/l	1.7	20000	
Mn	55	45	He	1706.150	ug/l	2.1	10000	
Fe	56	45	H2	104525.548	ug/l	2.0	500000	
Co	59	45	He	45.078	ug/l	3.2	2000	
Ni	60	45	He	107.367	ug/l	3.7	20000	
Cu	63	45	He	196.164	ug/l	2.2	20000	
Zn	66	45	He	754.162	ug/l	2.5	20000	
As	75	45	He	26.025	ug/l	2.3	5000	
Se	78	45	H2	0.944	ug/l	35.9	2000	
Sr	88	115	He	254.935	ug/l	1.5	5000	
Mo	95	115	He	5.248	ug/l	8.1	2000	
Ag	107	115	He	1.018	ug/l	9.3	100	
Cd	111	115	He	1.555	ug/l	24.9	5000	
Sn	118	115	He	56.264	ug/l	2.4	200	
Sb	121	115	He	1.248	ug/l	14.3	200	
Ba	135	159	He	605.841	ug/l	1.4	20000	
Tl	205	209	He	0.761	ug/l	2.7	1000	
[Pb]	206	209	He	628.329	ug/l	1.9		
[Pb]	207	209	He	594.359	ug/l	2.3		
Pb	208	209	He	612.084	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1767636.97	1.0	93.7	60	125	
Sc (ISICPMS)	45	H2	905807.53	2.6	86.5	60	125	
Sc (ISICPMS)	45	He	34083.43	1.6	83.5	60	125	
Ge (IS)	74	H2	157759.62	0.8	86.4	60	125	
Ge (IS)	74	He	20593.43	3.9	87.5	60	125	
Kr	83	He	13.35	43.3	100.0			
In-1	115	He	49554.21	0.8	78.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	334434.57	1.4	85.8	60	125	
Bi (IS)	209	He	294804.51	0.6	85.0	60	125	

Sample Report

File Name 111SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:13:05

Sample Name **460-233113-C-14-C**

Comment ---

Dilution **1.0000**

Vial # 2210

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	4.805	ug/l	4.1	2000	
B	11	6	No Gas	46.889	ug/l	1.7	500	
Na	23	45	He	1496.268	ug/l	2.8	500000	
Mg	24	45	He	24730.053	ug/l	1.8	500000	
Al	27	45	He	75648.269	ug/l	1.3	200000	
K	39	45	He	11266.134	ug/l	2.7	500000	
Ca	40	45	H2	34550.212	ug/l	0.8	500000	
Ti	47	45	He	3082.770	ug/l	2.1	5000	
V	51	45	He	260.191	ug/l	0.4	5000	
Cr	52	45	He	247.069	ug/l	2.2	20000	
Mn	55	45	He	4093.819	ug/l	1.6	10000	
Fe	56	45	H2	275539.924	ug/l	2.1	500000	
Co	59	45	He	61.792	ug/l	3.5	2000	
Ni	60	45	He	146.870	ug/l	2.9	20000	
Cu	63	45	He	191.974	ug/l	1.1	20000	
Zn	66	45	He	614.273	ug/l	3.1	20000	
As	75	45	He	35.348	ug/l	5.8	5000	
Se	78	45	H2	1.374	ug/l	13.3	2000	
Sr	88	115	He	134.123	ug/l	2.7	5000	
Mo	95	115	He	9.619	ug/l	5.4	2000	
Ag	107	115	He	0.305	ug/l	15.0	100	
Cd	111	115	He	1.133	ug/l	26.0	5000	
Sn	118	115	He	10.317	ug/l	1.7	200	
Sb	121	115	He	1.601	ug/l	8.4	200	
Ba	135	159	He	564.995	ug/l	1.3	20000	
Tl	205	209	He	1.024	ug/l	5.1	1000	
[Pb]	206	209	He	291.827	ug/l	1.6		
[Pb]	207	209	He	275.012	ug/l	0.3		
Pb	208	209	He	282.873	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1761102.37	3.0	93.4	60	125	
Sc (ISICPMS)	45	H2	956899.36	1.9	91.4	60	125	
Sc (ISICPMS)	45	He	35111.78	1.2	86.0	60	125	
Ge (IS)	74	H2	164492.60	2.8	90.1	60	125	
Ge (IS)	74	He	21171.40	1.1	90.0	60	125	
Kr	83	He	36.70	103.3	275.0			
In-1	115	He	50787.31	0.2	80.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	340557.19	0.9	87.4	60	125	
Bi (IS)	209	He	297910.47	1.0	85.9	60	125	

Sample Report

File Name 112SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:15:16

Sample Name **460-233203-E-7-D**

Comment ---

Dilution **1.0000**

Vial # 2211

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.166	ug/l	2.1	2000	
B	11	6	No Gas	32.774	ug/l	7.2	500	
Na	23	45	He	2134.640	ug/l	4.6	500000	
Mg	24	45	He	149410.882	ug/l	2.5	500000	
Al	27	45	He	81368.489	ug/l	1.7	200000	
K	39	45	He	10299.882	ug/l	1.8	500000	
Ca	40	45	H2	398056.168	ug/l	2.3	500000	
Ti	47	45	He	3718.321	ug/l	0.9	5000	
V	51	45	He	147.513	ug/l	2.7	5000	
Cr	52	45	He	147.245	ug/l	1.6	20000	
Mn	55	45	He	2589.664	ug/l	1.8	10000	
Fe	56	45	H2	117342.718	ug/l	1.5	500000	
Co	59	45	He	48.546	ug/l	4.0	2000	
Ni	60	45	He	99.710	ug/l	3.5	20000	
Cu	63	45	He	151.727	ug/l	1.9	20000	
Zn	66	45	He	1190.323	ug/l	1.6	20000	
As	75	45	He	54.602	ug/l	2.4	5000	
Se	78	45	H2	1.911	ug/l	8.1	2000	
Sr	88	115	He	698.790	ug/l	2.7	5000	
Mo	95	115	He	8.054	ug/l	4.3	2000	
Ag	107	115	He	0.274	ug/l	19.3	100	
Cd	111	115	He	0.669	ug/l	23.0	5000	
Sn	118	115	He	10.490	ug/l	1.8	200	
Sb	121	115	He	1.102	ug/l	10.6	200	
Ba	135	159	He	989.827	ug/l	5.3	20000	
Tl	205	209	He	0.911	ug/l	5.1	1000	
[Pb]	206	209	He	1476.057	ug/l	3.1		
[Pb]	207	209	He	1419.848	ug/l	2.4		
Pb	208	209	He	1417.498	ug/l	2.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1753270.41	5.4	93.0	60	125	
Sc (ISICPMS)	45	H2	925540.51	1.7	88.4	60	125	
Sc (ISICPMS)	45	He	34196.02	2.7	83.8	60	125	
Ge (IS)	74	H2	156830.68	1.0	85.9	60	125	
Ge (IS)	74	He	20469.66	1.8	87.0	60	125	
Kr	83	He	6.67	173.2	50.0			
In-1	115	He	49567.33	0.9	78.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	335069.89	1.4	86.0	60	125	
Bi (IS)	209	He	286805.89	1.2	82.7	60	125	

Sample Report

File Name 113SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:17:26

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.004	ug/l	604.2	2000	
B	11	6	No Gas	11.536	ug/l	13.0	500	
Na	23	45	He	88.130	ug/l	7.5	500000	
Mg	24	45	He	18.643	ug/l	10.8	500000	
Al	27	45	He	9.983	ug/l	22.3	200000	
K	39	45	He	112.126	ug/l	25.8	500000	
Ca	40	45	H2	52.671	ug/l	5.0	500000	
Ti	47	45	He	-0.335	ug/l	N/A	5000	
V	51	45	He	-0.396	ug/l	N/A	5000	
Cr	52	45	He	0.231	ug/l	71.3	20000	
Mn	55	45	He	0.375	ug/l	46.7	10000	
Fe	56	45	H2	15.749	ug/l	4.4	500000	
Co	59	45	He	-0.030	ug/l	N/A	2000	
Ni	60	45	He	0.098	ug/l	202.6	20000	
Cu	63	45	He	0.069	ug/l	72.9	20000	
Zn	66	45	He	-1.692	ug/l	N/A	20000	
As	75	45	He	0.122	ug/l	140.4	5000	
Se	78	45	H2	-0.054	ug/l	N/A	2000	
Sr	88	115	He	0.285	ug/l	74.7	5000	
Mo	95	115	He	-0.013	ug/l	N/A	2000	
Ag	107	115	He	0.000	ug/l	N/A	100	
Cd	111	115	He	0.002	ug/l	1218.4	5000	
Sn	118	115	He	-0.122	ug/l	N/A	200	
Sb	121	115	He	-0.017	ug/l	N/A	200	
Ba	135	159	He	0.100	ug/l	142.1	20000	
Tl	205	209	He	-0.107	ug/l	N/A	1000	
[Pb]	206	209	He	0.310	ug/l	12.3		
[Pb]	207	209	He	0.313	ug/l	21.9		
Pb	208	209	He	0.296	ug/l	6.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1895612.25	3.9	100.5	60	125	
Sc (ISICPMS)	45	H2	939563.82	2.7	89.7	60	125	
Sc (ISICPMS)	45	He	34463.18	0.4	84.5	60	125	
Ge (IS)	74	H2	154040.90	2.2	84.4	60	125	
Ge (IS)	74	He	19931.71	3.3	84.7	60	125	
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	53198.43	1.8	84.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	342264.96	1.3	87.8	60	125	
Bi (IS)	209	He	309032.86	1.3	89.1	60	125	

Sample Report

File Name 114SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:19:38

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.007	ug/l	N/A	2000	
B	11	6	No Gas	8.768	ug/l	6.4	500	
Na	23	45	He	69.741	ug/l	17.0	500000	
Mg	24	45	He	8.510	ug/l	26.5	500000	
Al	27	45	He	6.765	ug/l	53.8	200000	
K	39	45	He	92.658	ug/l	23.0	500000	
Ca	40	45	H2	30.262	ug/l	7.4	500000	
Ti	47	45	He	-0.019	ug/l	N/A	5000	
V	51	45	He	-0.285	ug/l	N/A	5000	
Cr	52	45	He	0.024	ug/l	992.8	20000	
Mn	55	45	He	0.458	ug/l	22.3	10000	
Fe	56	45	H2	8.767	ug/l	3.2	500000	
Co	59	45	He	-0.028	ug/l	N/A	2000	
Ni	60	45	He	0.218	ug/l	64.4	20000	
Cu	63	45	He	0.070	ug/l	44.7	20000	
Zn	66	45	He	-1.602	ug/l	N/A	20000	
As	75	45	He	-0.045	ug/l	N/A	5000	
Se	78	45	H2	-0.008	ug/l	N/A	2000	
Sr	88	115	He	0.080	ug/l	124.7	5000	
Mo	95	115	He	-0.002	ug/l	N/A	2000	
Ag	107	115	He	-0.014	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.008	ug/l	1826.5	200	
Sb	121	115	He	0.006	ug/l	444.5	200	
Ba	135	159	He	0.053	ug/l	155.3	20000	
Tl	205	209	He	-0.110	ug/l	N/A	1000	
[Pb]	206	209	He	0.181	ug/l	34.7		
[Pb]	207	209	He	0.122	ug/l	28.2		
Pb	208	209	He	0.153	ug/l	16.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1962048.37	2.0	104.0	60	125	
Sc (ISICPMS)	45	H2	932127.39	2.6	89.0	60	125	
Sc (ISICPMS)	45	He	34326.35	1.1	84.1	60	125	
Ge (IS)	74	H2	154044.74	1.3	84.4	60	125	
Ge (IS)	74	He	19911.63	0.6	84.6	60	125	
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	53237.86	1.8	84.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	344932.99	1.2	88.5	60	125	
Bi (IS)	209	He	312686.65	0.9	90.2	60	125	

Continuing Calibration Verification (CCV)

File Name 115_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:21:50

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	99.336	ug/l	2.7	100	90	110	
B	11	6	No Gas	254.726	ug/l	3.0	250	225	275	
Na	23	45	He	26738.690	ug/l	2.8	25000	22500	27500	
Mg	24	45	He	26834.675	ug/l	2.0	25000	22500	27500	
Al	27	45	He	25079.452	ug/l	1.3	25000	22500	27500	
K	39	45	He	25091.692	ug/l	2.1	25000	22500	27500	
Ca	40	45	H2	24557.796	ug/l	2.7	25000	22500	27500	
Ti	47	45	He	96.541	ug/l	1.5	100	90	110	
V	51	45	He	98.013	ug/l	3.0	100	90	110	
Cr	52	45	He	101.373	ug/l	2.8	100	90	110	
Mn	55	45	He	100.453	ug/l	0.7	100	90	110	
Fe	56	45	H2	24742.853	ug/l	2.8	25000	22500	27500	
Co	59	45	He	101.632	ug/l	2.0	100	90	110	
Ni	60	45	He	102.087	ug/l	3.0	100	90	110	
Cu	63	45	He	101.010	ug/l	0.9	100	90	110	
Zn	66	45	He	244.478	ug/l	3.5	250	225	275	
As	75	45	He	98.843	ug/l	1.8	100	90	110	
Se	78	45	H2	104.944	ug/l	6.6	100	90	110	
Sr	88	115	He	96.853	ug/l	2.5	100	90	110	
Mo	95	115	He	101.589	ug/l	0.9	100	90	110	
Ag	107	115	He	51.545	ug/l	1.3	50	45	55	
Cd	111	115	He	101.426	ug/l	4.6	100	90	110	
Sn	118	115	He	103.222	ug/l	0.6	100	90	110	
Sb	121	115	He	103.127	ug/l	0.7	100	90	110	
Ba	135	159	He	94.177	ug/l	2.4	100	90	110	
Tl	205	209	He	100.536	ug/l	2.0	100	90	110	
[Pb]	206	209	He	100.625	ug/l	0.3				
[Pb]	207	209	He	98.043	ug/l	2.6				
Pb	208	209	He	99.661	ug/l	1.3	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1765839.82	1.7	93.6	60	125	
Sc (ISICPMS)	45	H2	922311.62	3.5	88.1	60	125	
Sc (ISICPMS)	45	He	32865.02	1.0	80.5	60	125	
Ge (IS)	74	H2	157151.75	1.8	86.1	60	125	
Ge (IS)	74	He	20840.65	2.0	88.6	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	50042.52	1.3	79.5	60	125	
Tb (IS)	159	He	327366.54	2.4	84.0	60	125	
Bi (IS)	209	He	292794.38	1.2	84.4	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 116_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:23:59

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.029	ug/l	24.3	0.8	-0.8	0.8	
B	11	6	No Gas	11.245	ug/l	6.6	40	-40	40	
Na	23	45	He	86.035	ug/l	20.9	500	-500	500	
Mg	24	45	He	7.040	ug/l	28.0	200	-200	200	
Al	27	45	He	4.566	ug/l	63.3	40	-40	40	
K	39	45	He	121.090	ug/l	1.7	200	-200	200	
Ca	40	45	H2	16.134	ug/l	10.1	500	-500	500	
Ti	47	45	He	-0.483	ug/l	N/A	4	-4	4	
V	51	45	He	-0.364	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.038	ug/l	737.3	4	-4	4	
Mn	55	45	He	0.065	ug/l	143.9	8	-8	8	
Fe	56	45	H2	9.335	ug/l	10.3	60	-60	60	
Co	59	45	He	-0.034	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.168	ug/l	39.9	4	-4	4	
Cu	63	45	He	0.178	ug/l	18.2	4	-4	4	
Zn	66	45	He	-1.094	ug/l	N/A	16	-16	16	
As	75	45	He	-0.112	ug/l	N/A	2	-2	2	
Se	78	45	H2	-0.073	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	0.004	ug/l	1202.4	4	-4	4	
Mo	95	115	He	-0.002	ug/l	N/A	4	-4	4	
Ag	107	115	He	0.010	ug/l	84.2	2	-2	2	
Cd	111	115	He	-0.011	ug/l	0.0	2	-2	2	
Sn	118	115	He	-0.101	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.011	ug/l	231.8	2	-2	2	
Ba	135	159	He	0.056	ug/l	151.7	4	-4	4	
Tl	205	209	He	-0.081	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.128	ug/l	45.4				
[Pb]	207	209	He	0.139	ug/l	24.3				
Pb	208	209	He	0.127	ug/l	29.7	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1882261.24	2.8	99.8	60	125	
Sc (ISICPMS)	45	H2	899712.03	3.0	85.9	60	125	
Sc (ISICPMS)	45	He	33485.36	1.5	82.1	60	125	
Ge (IS)	74	H2	150845.04	1.4	82.6	60	125	
Ge (IS)	74	He	18869.07	0.5	80.2	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	51845.86	1.0	82.4	60	125	
Tb (IS)	159	He	335388.25	1.6	86.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	303673.22	0.5	87.6	60	125	

Sample Report

File Name 117SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:26:11

Sample Name **460-232678-F-2-B**

Comment ---

Dilution **1.0000**

Vial # 4208

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.012	ug/l	26.7	2000	
B	11	6	No Gas	8.802	ug/l	3.8	500	
Na	23	45	He	866.237	ug/l	2.9	500000	
Mg	24	45	He	99.429	ug/l	4.3	500000	
Al	27	45	He	39.819	ug/l	14.3	200000	
K	39	45	He	153.203	ug/l	20.3	500000	
Ca	40	45	H2	420.948	ug/l	4.8	500000	
Ti	47	45	He	-0.478	ug/l	N/A	5000	
V	51	45	He	-0.256	ug/l	N/A	5000	
Cr	52	45	He	0.006	ug/l	1949.6	20000	
Mn	55	45	He	13.129	ug/l	9.9	10000	
Fe	56	45	H2	7.820	ug/l	8.0	500000	
Co	59	45	He	0.138	ug/l	22.1	2000	
Ni	60	45	He	0.562	ug/l	4.9	20000	
Cu	63	45	He	0.511	ug/l	16.4	20000	
Zn	66	45	He	86.681	ug/l	2.2	20000	
As	75	45	He	-0.091	ug/l	N/A	5000	
Se	78	45	H2	-0.031	ug/l	N/A	2000	
Sr	88	115	He	0.999	ug/l	24.0	5000	
Mo	95	115	He	0.004	ug/l	673.3	2000	
Ag	107	115	He	-0.009	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.956	ug/l	16.1	200	
Sb	121	115	He	0.034	ug/l	78.7	200	
Ba	135	159	He	0.006	ug/l	1466.5	20000	
Tl	205	209	He	-0.098	ug/l	N/A	1000	
[Pb]	206	209	He	0.104	ug/l	12.1		
[Pb]	207	209	He	0.076	ug/l	25.3		
Pb	208	209	He	0.091	ug/l	11.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1884877.21	2.3	99.9	60	125	
Sc (ISICPMS)	45	H2	934073.30	2.4	89.2	60	125	
Sc (ISICPMS)	45	He	33165.58	0.4	81.3	60	125	
Ge (IS)	74	H2	159808.51	1.5	87.5	60	125	
Ge (IS)	74	He	20188.92	0.4	85.8	60	125	
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	52476.35	0.7	83.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	343512.07	1.2	88.1	60	125	
Bi (IS)	209	He	310552.71	2.1	89.5	60	125	

Sample Report

File Name 118SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:28:24

Sample Name **460-232772-F-3-B**

Comment ---

Dilution **1.0000**

Vial # 4212

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.009	ug/l	N/A	2000	
B	11	6	No Gas	6.136	ug/l	6.7	500	
Na	23	45	He	611.539	ug/l	1.6	500000	
Mg	24	45	He	14.871	ug/l	8.7	500000	
Al	27	45	He	7.514	ug/l	27.1	200000	
K	39	45	He	122.995	ug/l	9.8	500000	
Ca	40	45	H2	118.026	ug/l	4.4	500000	
Ti	47	45	He	-0.801	ug/l	N/A	5000	
V	51	45	He	-0.312	ug/l	N/A	5000	
Cr	52	45	He	-0.296	ug/l	N/A	20000	
Mn	55	45	He	0.902	ug/l	30.3	10000	
Fe	56	45	H2	3.349	ug/l	11.4	500000	
Co	59	45	He	-0.037	ug/l	N/A	2000	
Ni	60	45	He	-0.064	ug/l	N/A	20000	
Cu	63	45	He	0.070	ug/l	18.0	20000	
Zn	66	45	He	18.655	ug/l	6.4	20000	
As	75	45	He	-0.058	ug/l	N/A	5000	
Se	78	45	H2	0.017	ug/l	421.4	2000	
Sr	88	115	He	0.323	ug/l	94.1	5000	
Mo	95	115	He	-0.008	ug/l	N/A	2000	
Ag	107	115	He	-0.005	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.075	ug/l	N/A	200	
Sb	121	115	He	0.008	ug/l	203.2	200	
Ba	135	159	He	0.820	ug/l	1.5	20000	
Tl	205	209	He	-0.105	ug/l	N/A	1000	
[Pb]	206	209	He	0.089	ug/l	21.6		
[Pb]	207	209	He	0.072	ug/l	41.1		
Pb	208	209	He	0.082	ug/l	17.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1901482.26	3.5	100.8	60	125	
Sc (ISICPMS)	45	H2	921351.49	1.4	88.0	60	125	
Sc (ISICPMS)	45	He	33622.40	0.7	82.4	60	125	
Ge (IS)	74	H2	157949.39	2.9	86.5	60	125	
Ge (IS)	74	He	19868.11	1.2	84.4	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	51954.98	0.7	82.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	340128.66	1.4	87.3	60	125	
Bi (IS)	209	He	310121.56	1.6	89.4	60	125	

Sample Report

File Name 119SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:30:36

Sample Name **460-233050-F-1-C MS**

Comment ---

Dilution **1.0000**

Vial # 4203

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	24.985	ug/l	1.6	2000	
B	11	6	No Gas	525.923	ug/l	2.3	500	>LDR 6020B
Na	23	45	He	64039.496	ug/l	4.8	500000	
Mg	24	45	He	33062.535	ug/l	1.8	500000	
Al	27	45	He	2815.507	ug/l	2.3	200000	
K	39	45	He	7242.607	ug/l	1.2	500000	
Ca	40	45	H2	57840.583	ug/l	1.1	500000	
Ti	47	45	He	50.303	ug/l	8.0	5000	
V	51	45	He	55.524	ug/l	3.3	5000	
Cr	52	45	He	56.698	ug/l	3.5	20000	
Mn	55	45	He	453.370	ug/l	1.5	10000	
Fe	56	45	H2	2779.930	ug/l	1.4	500000	
Co	59	45	He	27.509	ug/l	1.7	2000	
Ni	60	45	He	57.576	ug/l	1.9	20000	
Cu	63	45	He	56.790	ug/l	1.6	20000	
Zn	66	45	He	269.275	ug/l	2.1	20000	
As	75	45	He	58.545	ug/l	3.6	5000	
Se	78	45	H2	58.230	ug/l	6.0	2000	
Sr	88	115	He	218.847	ug/l	3.5	5000	
Mo	95	115	He	57.586	ug/l	2.1	2000	
Ag	107	115	He	24.865	ug/l	4.0	100	
Cd	111	115	He	26.596	ug/l	2.4	5000	
Sn	118	115	He	54.122	ug/l	2.4	200	
Sb	121	115	He	25.641	ug/l	3.5	200	
Ba	135	159	He	92.681	ug/l	3.3	20000	
Tl	205	209	He	20.965	ug/l	1.9	1000	
[Pb]	206	209	He	27.880	ug/l	0.0		
[Pb]	207	209	He	26.786	ug/l	1.2		
Pb	208	209	He	26.956	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1853735.43	0.9	98.3	60	125	
Sc (ISICPMS)	45	H2	928944.12	1.4	88.7	60	125	
Sc (ISICPMS)	45	He	32393.85	1.1	79.4	60	125	
Ge (IS)	74	H2	157365.19	0.9	86.2	60	125	
Ge (IS)	74	He	20656.77	0.9	87.8	60	125	
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	51219.08	3.6	81.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	333130.33	1.5	85.5	60	125	
Bi (IS)	209	He	296809.41	0.6	85.6	60	125	

Sample Report

File Name 120SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:32:46

Sample Name **460-232678-F-3-B**

Comment ---

Dilution **1.0000**

Vial # 4209

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.001	ug/l	N/A	2000	
B	11	6	No Gas	173.813	ug/l	4.0	500	
Na	23	45	He	65111.285	ug/l	1.0	500000	
Mg	24	45	He	27127.024	ug/l	0.9	500000	
Al	27	45	He	9.154	ug/l	29.5	200000	
K	39	45	He	4855.135	ug/l	0.8	500000	
Ca	40	45	H2	83752.802	ug/l	3.4	500000	
Ti	47	45	He	-0.322	ug/l	N/A	5000	
V	51	45	He	-0.254	ug/l	N/A	5000	
Cr	52	45	He	-0.145	ug/l	N/A	20000	
Mn	55	45	He	4031.688	ug/l	0.9	10000	
Fe	56	45	H2	6.767	ug/l	1.3	500000	
Co	59	45	He	3.804	ug/l	3.1	2000	
Ni	60	45	He	2.650	ug/l	8.2	20000	
Cu	63	45	He	0.590	ug/l	12.2	20000	
Zn	66	45	He	7.862	ug/l	4.5	20000	
As	75	45	He	1.799	ug/l	33.0	5000	
Se	78	45	H2	0.135	ug/l	120.2	2000	
Sr	88	115	He	463.060	ug/l	2.2	5000	
Mo	95	115	He	1.395	ug/l	21.6	2000	
Ag	107	115	He	0.005	ug/l	294.9	100	
Cd	111	115	He	0.073	ug/l	57.4	5000	
Sn	118	115	He	-0.272	ug/l	N/A	200	
Sb	121	115	He	0.063	ug/l	7.8	200	
Ba	135	159	He	82.495	ug/l	2.4	20000	
Tl	205	209	He	-0.093	ug/l	N/A	1000	
[Pb]	206	209	He	0.078	ug/l	21.6		
[Pb]	207	209	He	0.069	ug/l	40.7		
Pb	208	209	He	0.071	ug/l	9.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1846419.21	4.0	97.9	60	125	
Sc (ISICPMS)	45	H2	912918.52	1.4	87.2	60	125	
Sc (ISICPMS)	45	He	32917.36	1.6	80.7	60	125	
Ge (IS)	74	H2	161323.70	0.9	88.4	60	125	
Ge (IS)	74	He	20553.24	0.9	87.3	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	51089.12	1.1	81.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	335090.51	2.4	86.0	60	125	
Bi (IS)	209	He	302423.44	0.7	87.2	60	125	

Sample Report

File Name 121SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:34:56

Sample Name **460-232678-F-4-B**

Comment ---

Dilution **1.0000**

Vial # 4210

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.007	ug/l	251.0	2000	
B	11	6	No Gas	387.557	ug/l	2.4	500	
Na	23	45	He	148053.430	ug/l	1.0	500000	
Mg	24	45	He	30109.776	ug/l	1.1	500000	
Al	27	45	He	2.176	ug/l	40.2	200000	
K	39	45	He	3067.761	ug/l	0.6	500000	
Ca	40	45	H2	76987.667	ug/l	2.1	500000	
Ti	47	45	He	-0.641	ug/l	N/A	5000	
V	51	45	He	-0.083	ug/l	N/A	5000	
Cr	52	45	He	-0.043	ug/l	N/A	20000	
Mn	55	45	He	2536.181	ug/l	2.2	10000	
Fe	56	45	H2	20.880	ug/l	7.1	500000	
Co	59	45	He	1.481	ug/l	9.4	2000	
Ni	60	45	He	7.991	ug/l	5.3	20000	
Cu	63	45	He	1.108	ug/l	4.5	20000	
Zn	66	45	He	3.211	ug/l	15.6	20000	
As	75	45	He	2.988	ug/l	20.1	5000	
Se	78	45	H2	0.319	ug/l	45.2	2000	
Sr	88	115	He	813.829	ug/l	3.2	5000	
Mo	95	115	He	1.500	ug/l	18.7	2000	
Ag	107	115	He	-0.010	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.302	ug/l	N/A	200	
Sb	121	115	He	0.051	ug/l	42.4	200	
Ba	135	159	He	135.474	ug/l	6.1	20000	
Tl	205	209	He	-0.113	ug/l	N/A	1000	
[Pb]	206	209	He	0.074	ug/l	26.4		
[Pb]	207	209	He	0.048	ug/l	89.0		
Pb	208	209	He	0.062	ug/l	38.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1753653.24	1.2	93.0	60	125	
Sc (ISICPMS)	45	H2	920312.05	1.7	87.9	60	125	
Sc (ISICPMS)	45	He	32808.10	1.7	80.4	60	125	
Ge (IS)	74	H2	162725.85	0.7	89.1	60	125	
Ge (IS)	74	He	20352.75	2.7	86.5	60	125	
Kr	83	He	13.35	43.3	100.0			
In-1	115	He	50439.91	1.4	80.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	329124.31	1.5	84.4	60	125	
Bi (IS)	209	He	296778.23	1.4	85.6	60	125	

Sample Report

File Name 122SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:37:06

Sample Name **460-232772-F-2-B**

Comment ---

Dilution **1.0000**

Vial # 4211

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.004	ug/l	195.7	2000	
B	11	6	No Gas	1369.254	ug/l	3.0	500	>LDR 6020B
Na	23	45	He	187912.166	ug/l	0.2	500000	
Mg	24	45	He	80070.333	ug/l	1.8	500000	
Al	27	45	He	4.232	ug/l	41.4	200000	
K	39	45	He	4171.440	ug/l	2.6	500000	
Ca	40	45	H2	378383.886	ug/l	1.4	500000	
Ti	47	45	He	-0.150	ug/l	N/A	5000	
V	51	45	He	-0.424	ug/l	N/A	5000	
Cr	52	45	He	-0.054	ug/l	N/A	20000	
Mn	55	45	He	5413.325	ug/l	2.0	10000	
Fe	56	45	H2	2.659	ug/l	19.2	500000	
Co	59	45	He	0.232	ug/l	8.9	2000	
Ni	60	45	He	1.339	ug/l	4.3	20000	
Cu	63	45	He	0.152	ug/l	13.3	20000	
Zn	66	45	He	6.077	ug/l	7.1	20000	
As	75	45	He	3.258	ug/l	33.0	5000	
Se	78	45	H2	0.397	ug/l	55.8	2000	
Sr	88	115	He	5037.065	ug/l	0.5	5000	>LDR 6020B□>LDR 200.8
Mo	95	115	He	24.803	ug/l	4.7	2000	
Ag	107	115	He	-0.007	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.478	ug/l	N/A	200	
Sb	121	115	He	0.053	ug/l	62.9	200	
Ba	135	159	He	36.185	ug/l	6.9	20000	
Tl	205	209	He	-0.102	ug/l	N/A	1000	
[Pb]	206	209	He	0.135	ug/l	24.7		
[Pb]	207	209	He	0.107	ug/l	38.5		
Pb	208	209	He	0.123	ug/l	9.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1786826.09	2.4	94.7	60	125	
Sc (ISICPMS)	45	H2	904069.29	1.8	86.3	60	125	
Sc (ISICPMS)	45	He	32860.55	2.2	80.5	60	125	
Ge (IS)	74	H2	163977.57	1.1	89.8	60	125	
Ge (IS)	74	He	20753.68	1.0	88.2	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	51306.76	0.4	81.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	338960.26	0.7	87.0	60	125	
Bi (IS)	209	He	296084.07	0.4	85.4	60	125	

Sample Report

File Name 123SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:39:15

Sample Name **460-232485-A-17-B**

Comment ---

Dilution **1.0000**

Vial # 2510

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.061	ug/l	13.6	2000	
B	11	6	No Gas	48.593	ug/l	5.6	500	
Na	23	45	He	3148.856	ug/l	2.6	500000	
Mg	24	45	He	435.871	ug/l	3.7	500000	
Al	27	45	He	62902.679	ug/l	1.6	200000	
K	39	45	He	421.293	ug/l	6.6	500000	
Ca	40	45	H2	2952.264	ug/l	3.4	500000	
Ti	47	45	He	191.668	ug/l	8.6	5000	
V	51	45	He	222.537	ug/l	0.6	5000	
Cr	52	45	He	51.469	ug/l	2.7	20000	
Mn	55	45	He	10.508	ug/l	7.0	10000	
Fe	56	45	H2	4389.936	ug/l	2.8	500000	
Co	59	45	He	2.194	ug/l	4.0	2000	
Ni	60	45	He	8.493	ug/l	6.3	20000	
Cu	63	45	He	47.075	ug/l	3.6	20000	
Zn	66	45	He	16.204	ug/l	6.3	20000	
As	75	45	He	2.951	ug/l	3.8	5000	
Se	78	45	H2	1.690	ug/l	7.7	2000	
Sr	88	115	He	115.297	ug/l	4.0	5000	
Mo	95	115	He	5.099	ug/l	11.5	2000	
Ag	107	115	He	0.101	ug/l	47.8	100	
Cd	111	115	He	0.119	ug/l	35.2	5000	
Sn	118	115	He	9.050	ug/l	3.0	200	
Sb	121	115	He	0.092	ug/l	33.3	200	
Ba	135	159	He	96.933	ug/l	3.6	20000	
Tl	205	209	He	-0.028	ug/l	N/A	1000	
[Pb]	206	209	He	30.326	ug/l	3.3		
[Pb]	207	209	He	27.639	ug/l	2.1		
Pb	208	209	He	28.651	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1774793.70	4.6	94.1	60	125	
Sc (ISICPMS)	45	H2	941528.10	6.6	89.9	60	125	
Sc (ISICPMS)	45	He	33311.62	2.5	81.6	60	125	
Ge (IS)	74	H2	156393.14	0.6	85.7	60	125	
Ge (IS)	74	He	19811.37	3.9	84.2	60	125	
Kr	83	He	13.35	114.6	100.0			
In-1	115	He	49396.01	1.7	78.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	331225.65	0.8	85.0	60	125	
Bi (IS)	209	He	294905.92	0.3	85.0	60	125	

Sample Report

File Name 124SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:41:25

Sample Name **460-232485-A-18-B**

Comment ---

Dilution **1.0000**

Vial # 2511

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.296	ug/l	21.9	2000	
B	11	6	No Gas	21.441	ug/l	2.8	500	
Na	23	45	He	1628.182	ug/l	1.6	500000	
Mg	24	45	He	51.853	ug/l	2.7	500000	
Al	27	45	He	30598.895	ug/l	0.5	200000	
K	39	45	He	434.294	ug/l	4.7	500000	
Ca	40	45	H2	118.107	ug/l	0.7	500000	
Ti	47	45	He	1202.712	ug/l	2.7	5000	
V	51	45	He	436.977	ug/l	0.6	5000	
Cr	52	45	He	14.259	ug/l	5.6	20000	
Mn	55	45	He	2.573	ug/l	17.8	10000	
Fe	56	45	H2	606.248	ug/l	1.2	500000	
Co	59	45	He	1.524	ug/l	4.0	2000	
Ni	60	45	He	3.529	ug/l	13.0	20000	
Cu	63	45	He	7.638	ug/l	6.3	20000	
Zn	66	45	He	0.493	ug/l	50.2	20000	
As	75	45	He	23.410	ug/l	2.1	5000	
Se	78	45	H2	0.235	ug/l	50.2	2000	
Sr	88	115	He	66.915	ug/l	2.7	5000	
Mo	95	115	He	10.235	ug/l	5.9	2000	
Ag	107	115	He	0.026	ug/l	94.7	100	
Cd	111	115	He	0.003	ug/l	849.8	5000	
Sn	118	115	He	1.122	ug/l	26.4	200	
Sb	121	115	He	0.143	ug/l	45.7	200	
Ba	135	159	He	116.500	ug/l	2.0	20000	
Tl	205	209	He	-0.101	ug/l	N/A	1000	
[Pb]	206	209	He	19.022	ug/l	1.3		
[Pb]	207	209	He	17.880	ug/l	2.4		
Pb	208	209	He	18.501	ug/l	0.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1822258.71	1.4	96.6	60	125	
Sc (ISICPMS)	45	H2	894322.50	1.6	85.4	60	125	
Sc (ISICPMS)	45	He	33074.43	1.4	81.1	60	125	
Ge (IS)	74	H2	165926.65	1.3	90.9	60	125	
Ge (IS)	74	He	21910.09	3.3	93.1	60	125	
Kr	83	He	13.35	43.3	100.0			
In-1	115	He	49953.05	0.4	79.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	364183.33	1.1	93.4	60	125	
Bi (IS)	209	He	300053.33	0.6	86.5	60	125	

Sample Report

File Name 125SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:43:38

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.014	ug/l	18.0	2000	
B	11	6	No Gas	10.100	ug/l	3.7	500	
Na	23	45	He	79.691	ug/l	17.8	500000	
Mg	24	45	He	6.000	ug/l	6.3	500000	
Al	27	45	He	6.919	ug/l	34.8	200000	
K	39	45	He	111.571	ug/l	1.3	500000	
Ca	40	45	H2	20.827	ug/l	12.3	500000	
Ti	47	45	He	-0.645	ug/l	N/A	5000	
V	51	45	He	0.015	ug/l	1386.2	5000	
Cr	52	45	He	0.024	ug/l	283.9	20000	
Mn	55	45	He	0.575	ug/l	37.6	10000	
Fe	56	45	H2	0.629	ug/l	207.7	500000	
Co	59	45	He	-0.035	ug/l	N/A	2000	
Ni	60	45	He	0.130	ug/l	105.0	20000	
Cu	63	45	He	0.056	ug/l	165.4	20000	
Zn	66	45	He	-2.375	ug/l	N/A	20000	
As	75	45	He	-0.060	ug/l	N/A	5000	
Se	78	45	H2	-0.101	ug/l	N/A	2000	
Sr	88	115	He	0.145	ug/l	120.3	5000	
Mo	95	115	He	0.009	ug/l	282.2	2000	
Ag	107	115	He	-0.010	ug/l	N/A	100	
Cd	111	115	He	0.015	ug/l	302.3	5000	
Sn	118	115	He	-0.119	ug/l	N/A	200	
Sb	121	115	He	0.007	ug/l	213.6	200	
Ba	135	159	He	0.055	ug/l	153.3	20000	
Tl	205	209	He	-0.113	ug/l	N/A	1000	
[Pb]	206	209	He	0.076	ug/l	24.6		
[Pb]	207	209	He	0.024	ug/l	107.9		
Pb	208	209	He	0.062	ug/l	29.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1871536.79	1.4	99.2	60	125	
Sc (ISICPMS)	45	H2	941432.42	4.3	89.9	60	125	
Sc (ISICPMS)	45	He	33943.15	1.2	83.2	60	125	
Ge (IS)	74	H2	154646.33	1.8	84.7	60	125	
Ge (IS)	74	He	19560.63	3.5	83.1	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	52794.39	1.8	83.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	340080.94	1.6	87.2	60	125	
Bi (IS)	209	He	308223.03	0.4	88.9	60	125	

Sample Report

File Name 126SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:45:50

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.009	ug/l	122.2	2000	
B	11	6	No Gas	7.684	ug/l	3.7	500	
Na	23	45	He	96.171	ug/l	15.0	500000	
Mg	24	45	He	5.997	ug/l	14.5	500000	
Al	27	45	He	4.588	ug/l	46.5	200000	
K	39	45	He	107.463	ug/l	23.0	500000	
Ca	40	45	H2	18.765	ug/l	5.1	500000	
Ti	47	45	He	-0.312	ug/l	N/A	5000	
V	51	45	He	0.001	ug/l	14192.8	5000	
Cr	52	45	He	0.226	ug/l	171.5	20000	
Mn	55	45	He	0.291	ug/l	86.1	10000	
Fe	56	45	H2	-0.257	ug/l	N/A	500000	
Co	59	45	He	-0.036	ug/l	N/A	2000	
Ni	60	45	He	0.315	ug/l	26.7	20000	
Cu	63	45	He	0.023	ug/l	120.8	20000	
Zn	66	45	He	-1.932	ug/l	N/A	20000	
As	75	45	He	-0.072	ug/l	N/A	5000	
Se	78	45	H2	-0.033	ug/l	N/A	2000	
Sr	88	115	He	0.225	ug/l	32.8	5000	
Mo	95	115	He	-0.019	ug/l	0.0	2000	
Ag	107	115	He	-0.009	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.116	ug/l	N/A	200	
Sb	121	115	He	0.021	ug/l	184.9	200	
Ba	135	159	He	0.006	ug/l	1344.3	20000	
Tl	205	209	He	-0.112	ug/l	N/A	1000	
[Pb]	206	209	He	0.053	ug/l	18.8		
[Pb]	207	209	He	0.023	ug/l	54.5		
Pb	208	209	He	0.042	ug/l	20.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1896181.18	0.7	100.5	60	125	
Sc (ISICPMS)	45	H2	960868.64	3.2	91.8	60	125	
Sc (ISICPMS)	45	He	33374.95	1.6	81.8	60	125	
Ge (IS)	74	H2	157186.19	1.0	86.1	60	125	
Ge (IS)	74	He	19450.51	4.1	82.7	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	52349.00	0.7	83.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	335463.57	0.6	86.1	60	125	
Bi (IS)	209	He	305509.74	0.8	88.1	60	125	

Continuing Calibration Verification (CCV)

File Name 127_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:48:01

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	98.754	ug/l	1.3	100	90	110	
B	11	6	No Gas	249.480	ug/l	2.0	250	225	275	
Na	23	45	He	27131.343	ug/l	4.9	25000	22500	27500	
Mg	24	45	He	27327.480	ug/l	3.3	25000	22500	27500	
Al	27	45	He	25686.099	ug/l	0.8	25000	22500	27500	
K	39	45	He	25052.315	ug/l	2.6	25000	22500	27500	
Ca	40	45	H2	25612.796	ug/l	1.8	25000	22500	27500	
Ti	47	45	He	92.192	ug/l	8.4	100	90	110	
V	51	45	He	103.091	ug/l	2.4	100	90	110	
Cr	52	45	He	102.591	ug/l	4.6	100	90	110	
Mn	55	45	He	101.262	ug/l	1.3	100	90	110	
Fe	56	45	H2	25886.759	ug/l	1.4	25000	22500	27500	
Co	59	45	He	105.050	ug/l	3.0	100	90	110	
Ni	60	45	He	101.637	ug/l	0.1	100	90	110	
Cu	63	45	He	103.931	ug/l	2.3	100	90	110	
Zn	66	45	He	252.683	ug/l	4.6	250	225	275	
As	75	45	He	105.031	ug/l	3.2	100	90	110	
Se	78	45	H2	110.947	ug/l	4.5	100	90	110	failed
Sr	88	115	He	96.687	ug/l	4.4	100	90	110	
Mo	95	115	He	102.913	ug/l	1.1	100	90	110	
Ag	107	115	He	51.853	ug/l	0.4	50	45	55	
Cd	111	115	He	106.277	ug/l	3.3	100	90	110	
Sn	118	115	He	103.783	ug/l	5.0	100	90	110	
Sb	121	115	He	105.439	ug/l	1.2	100	90	110	
Ba	135	159	He	94.931	ug/l	7.9	100	90	110	
Tl	205	209	He	100.439	ug/l	2.2	100	90	110	
[Pb]	206	209	He	102.396	ug/l	0.3				
[Pb]	207	209	He	99.197	ug/l	3.7				
Pb	208	209	He	100.422	ug/l	0.6	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1767791.17	2.3	93.7	60	125	
Sc (ISICPMS)	45	H2	856931.20	1.5	81.8	60	125	
Sc (ISICPMS)	45	He	31737.93	2.0	77.8	60	125	
Ge (IS)	74	H2	153846.94	2.1	84.3	60	125	
Ge (IS)	74	He	19483.97	2.6	82.8	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	13.35	43.3	100.0			
In-1	115	He	48789.11	0.1	77.5	60	125	
Tb (IS)	159	He	326786.75	2.4	83.8	60	125	
Bi (IS)	209	He	291169.75	1.7	84.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 128_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:50:11

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.029	ug/l	77.8	0.8	-0.8	0.8	
B	11	6	No Gas	10.254	ug/l	5.8	40	-40	40	
Na	23	45	He	101.682	ug/l	17.6	500	-500	500	
Mg	24	45	He	4.399	ug/l	39.6	200	-200	200	
Al	27	45	He	4.967	ug/l	46.6	40	-40	40	
K	39	45	He	113.156	ug/l	9.4	200	-200	200	
Ca	40	45	H2	12.945	ug/l	10.2	500	-500	500	
Ti	47	45	He	-0.801	ug/l	N/A	4	-4	4	
V	51	45	He	0.052	ug/l	200.8	4	-4	4	
Cr	52	45	He	0.105	ug/l	138.1	4	-4	4	
Mn	55	45	He	0.249	ug/l	40.7	8	-8	8	
Fe	56	45	H2	2.801	ug/l	22.1	60	-60	60	
Co	59	45	He	-0.015	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.300	ug/l	16.4	4	-4	4	
Cu	63	45	He	0.030	ug/l	43.6	4	-4	4	
Zn	66	45	He	-1.368	ug/l	N/A	16	-16	16	
As	75	45	He	0.169	ug/l	89.5	2	-2	2	
Se	78	45	H2	-0.003	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	0.073	ug/l	172.9	4	-4	4	
Mo	95	115	He	0.065	ug/l	15.2	4	-4	4	
Ag	107	115	He	-0.004	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.017	ug/l	143.8	2	-2	2	
Sn	118	115	He	0.028	ug/l	185.2	16	-16	16	
Sb	121	115	He	0.026	ug/l	41.1	2	-2	2	
Ba	135	159	He	0.203	ug/l	110.4	4	-4	4	
Tl	205	209	He	-0.085	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.062	ug/l	21.0				
[Pb]	207	209	He	0.078	ug/l	47.7				
Pb	208	209	He	0.064	ug/l	31.8	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1841485.03	5.9	97.6	60	125	
Sc (ISICPMS)	45	H2	893266.14	2.3	85.3	60	125	
Sc (ISICPMS)	45	He	32572.10	1.6	79.8	60	125	
Ge (IS)	74	H2	149695.83	1.3	82.0	60	125	
Ge (IS)	74	He	19119.62	4.1	81.3	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	50375.75	1.0	80.0	60	125	
Tb (IS)	159	He	333553.77	0.7	85.6	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	299843.57	0.5	86.5	60	125	

Sample Report

File Name 129SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:52:23

Sample Name **460-232772-F-4-B**

Comment ---

Dilution **1.0000**

Vial # 4301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.020	ug/l	133.1	2000	
B	11	6	No Gas	4251.354	ug/l	1.4	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	180910.896	ug/l	4.6	500000	
Mg	24	45	He	76317.919	ug/l	5.5	500000	
Al	27	45	He	2.926	ug/l	122.4	200000	
K	39	45	He	2471.243	ug/l	4.7	500000	
Ca	40	45	H2	574475.644	ug/l	4.5	500000	>LDR 6020B□>LDR 200.8
Ti	47	45	He	-0.642	ug/l	N/A	5000	
V	51	45	He	-0.278	ug/l	N/A	5000	
Cr	52	45	He	0.015	ug/l	1793.6	20000	
Mn	55	45	He	801.534	ug/l	3.4	10000	
Fe	56	45	H2	4.846	ug/l	44.8	500000	
Co	59	45	He	0.094	ug/l	4.1	2000	
Ni	60	45	He	1.187	ug/l	25.8	20000	
Cu	63	45	He	0.171	ug/l	62.6	20000	
Zn	66	45	He	4.783	ug/l	16.6	20000	
As	75	45	He	0.908	ug/l	15.9	5000	
Se	78	74	H2	0.497	ug/l	37.0	2000	
Sr	88	115	He	9011.549	ug/l	0.7	5000	>LDR 6020B□>LDR 200.8
Mo	95	115	He	23.088	ug/l	3.1	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.003	ug/l	902.5	5000	
Sn	118	115	He	-0.538	ug/l	N/A	200	
Sb	121	115	He	0.006	ug/l	365.6	200	
Ba	135	159	He	15.582	ug/l	11.5	20000	
Tl	205	209	He	-0.095	ug/l	N/A	1000	
[Pb]	206	209	He	0.164	ug/l	4.0		
[Pb]	207	209	He	0.129	ug/l	74.5		
Pb	208	209	He	0.136	ug/l	10.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1804792.28	2.6	95.7	60	125	
Sc (ISICPMS)	45	H2	863031.20	1.9	82.4	60	125	
Sc (ISICPMS)	45	He	32803.78	3.0	80.4	60	125	
Ge (IS)	74	H2	159037.18	0.8	87.1	60	125	
Ge (IS)	74	He	19961.74	3.8	84.8	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	50076.62	1.4	79.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	329376.95	0.5	84.5	60	125	
Bi (IS)	209	He	289072.31	0.9	83.4	60	125	

Sample Report

File Name 130SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:54:34

Sample Name **460-232772-F-5-B**

Comment ---

Dilution **1.0000**

Vial # 4302

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.010	ug/l	N/A	2000	
B	11	6	No Gas	3338.175	ug/l	2.8	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	122319.267	ug/l	3.2	500000	
Mg	24	45	He	60906.047	ug/l	5.8	500000	
Al	27	45	He	1.137	ug/l	155.2	200000	
K	39	45	He	2175.960	ug/l	1.4	500000	
Ca	40	45	H2	551623.781	ug/l	4.5	500000	>LDR 6020B□>LDR 200.8
Ti	47	45	He	-0.478	ug/l	N/A	5000	
V	51	45	He	-0.151	ug/l	N/A	5000	
Cr	52	45	He	-0.128	ug/l	N/A	20000	
Mn	55	45	He	328.504	ug/l	1.5	10000	
Fe	56	45	H2	1.535	ug/l	18.6	500000	
Co	59	45	He	0.021	ug/l	130.0	2000	
Ni	60	45	He	0.150	ug/l	107.3	20000	
Cu	63	45	He	0.110	ug/l	151.1	20000	
Zn	66	45	He	4.164	ug/l	13.6	20000	
As	75	45	He	0.241	ug/l	91.5	5000	
Se	78	45	H2	0.352	ug/l	116.2	2000	
Sr	88	115	He	8106.976	ug/l	1.2	5000	>LDR 6020B□>LDR 200.8
Mo	95	115	He	33.539	ug/l	2.1	2000	
Ag	107	115	He	-0.005	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.288	ug/l	N/A	200	
Sb	121	115	He	0.023	ug/l	68.2	200	
Ba	135	159	He	7.137	ug/l	9.3	20000	
Tl	205	209	He	-0.103	ug/l	N/A	1000	
[Pb]	206	209	He	0.129	ug/l	17.4		
[Pb]	207	209	He	0.084	ug/l	40.9		
Pb	208	209	He	0.110	ug/l	5.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1903449.56	2.7	100.9	60	125	
Sc (ISICPMS)	45	H2	906542.46	1.0	86.6	60	125	
Sc (ISICPMS)	45	He	32976.20	2.6	80.8	60	125	
Ge (IS)	74	H2	162263.53	0.9	88.9	60	125	
Ge (IS)	74	He	20339.32	2.4	86.4	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	50558.96	0.9	80.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	333554.76	0.3	85.6	60	125	
Bi (IS)	209	He	295098.59	0.7	85.1	60	125	

Sample Report

File Name 131SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:56:43

Sample Name **460-233203-E-13-C**

Comment ---

Dilution **1.0000**

Vial # 2212

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	4.686	ug/l	3.4	2000	
B	11	6	No Gas	140.113	ug/l	2.6	500	
Na	23	45	He	1494.954	ug/l	1.5	500000	
Mg	24	45	He	44490.796	ug/l	1.2	500000	
Al	27	45	He	90093.072	ug/l	1.4	200000	
K	39	45	He	19982.716	ug/l	2.1	500000	
Ca	40	45	H2	41935.904	ug/l	2.0	500000	
Ti	47	45	He	4952.626	ug/l	0.8	5000	>LDR 200.8
V	51	45	He	285.977	ug/l	0.7	5000	
Cr	52	45	He	241.408	ug/l	1.4	20000	
Mn	55	45	He	2397.035	ug/l	0.7	10000	
Fe	56	45	H2	172795.763	ug/l	1.9	500000	
Co	59	45	He	69.909	ug/l	1.4	2000	
Ni	60	45	He	195.362	ug/l	2.0	20000	
Cu	63	45	He	5348.715	ug/l	3.4	20000	
Zn	66	45	He	1594.304	ug/l	1.4	20000	
As	75	45	He	30.836	ug/l	3.0	5000	
Se	78	45	H2	2.324	ug/l	26.4	2000	
Sr	88	115	He	165.961	ug/l	1.6	5000	
Mo	95	115	He	7.568	ug/l	5.2	2000	
Ag	107	115	He	0.897	ug/l	6.2	100	
Cd	111	115	He	1.644	ug/l	28.0	5000	
Sn	118	115	He	24.194	ug/l	6.8	200	
Sb	121	115	He	1.082	ug/l	11.5	200	
Ba	135	159	He	765.561	ug/l	0.6	20000	
Tl	205	209	He	1.332	ug/l	6.3	1000	
[Pb]	206	209	He	549.904	ug/l	0.7		
[Pb]	207	209	He	519.426	ug/l	2.6		
Pb	208	209	He	530.293	ug/l	1.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1701248.71	0.8	90.2	60	125	
Sc (ISICPMS)	45	H2	888690.45	2.4	84.9	60	125	
Sc (ISICPMS)	45	He	31637.65	1.0	77.5	60	125	
Ge (IS)	74	H2	151656.59	0.9	83.1	60	125	
Ge (IS)	74	He	19463.85	1.3	82.7	60	125	
Kr	83	He	23.36	89.2	175.0			
In-1	115	He	47269.63	0.8	75.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	320427.37	0.4	82.2	60	125	
Bi (IS)	209	He	278601.36	1.3	80.3	60	125	

Sample Report

File Name 132SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 12:58:52

Sample Name **460-233203-C-19-D**

Comment ---

Dilution **1.0000**

Vial # 2301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.103	ug/l	5.8	2000	
B	11	6	No Gas	64.238	ug/l	2.6	500	
Na	23	45	He	1843.206	ug/l	1.8	500000	
Mg	24	45	He	54469.312	ug/l	1.3	500000	
Al	27	45	He	109234.517	ug/l	0.6	200000	
K	39	45	He	29042.260	ug/l	0.5	500000	
Ca	40	45	H2	44663.240	ug/l	1.0	500000	
Ti	47	45	He	6243.108	ug/l	2.0	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	314.099	ug/l	1.0	5000	
Cr	52	45	He	320.005	ug/l	2.8	20000	
Mn	55	45	He	2388.337	ug/l	1.2	10000	
Fe	56	45	H2	178593.332	ug/l	2.1	500000	
Co	59	45	He	73.090	ug/l	0.7	2000	
Ni	60	45	He	224.592	ug/l	3.2	20000	
Cu	63	45	He	242.470	ug/l	0.8	20000	
Zn	66	45	He	1023.988	ug/l	1.6	20000	
As	75	45	He	40.985	ug/l	1.9	5000	
Se	78	45	H2	1.392	ug/l	20.4	2000	
Sr	88	115	He	187.582	ug/l	3.5	5000	
Mo	95	115	He	5.229	ug/l	7.4	2000	
Ag	107	115	He	0.662	ug/l	11.0	100	
Cd	111	115	He	1.445	ug/l	24.7	5000	
Sn	118	115	He	15.951	ug/l	6.1	200	
Sb	121	115	He	0.694	ug/l	18.5	200	
Ba	135	159	He	1089.632	ug/l	0.5	20000	
Tl	205	209	He	1.659	ug/l	1.2	1000	
[Pb]	206	209	He	507.489	ug/l	1.9		
[Pb]	207	209	He	480.722	ug/l	1.6		
Pb	208	209	He	488.675	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1741897.30	2.2	92.4	60	125	
Sc (ISICPMS)	45	H2	874784.15	0.8	83.6	60	125	
Sc (ISICPMS)	45	He	32539.66	0.3	79.7	60	125	
Ge (IS)	74	H2	150027.06	1.4	82.2	60	125	
Ge (IS)	74	He	19296.71	1.6	82.0	60	125	
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	46890.44	2.2	74.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	323694.36	0.3	83.0	60	125	
Bi (IS)	209	He	281407.88	0.8	81.1	60	125	

Sample Report

File Name 133SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:01:02

Sample Name **460-232485-A-5-B**

Comment ---

Dilution **1.0000**

Vial # 2410

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.659	ug/l	3.7	2000	
B	11	6	No Gas	36.869	ug/l	1.6	500	
Na	23	45	He	16994.629	ug/l	2.3	500000	
Mg	24	45	He	418.717	ug/l	4.2	500000	
Al	27	45	He	52547.758	ug/l	1.5	200000	
K	39	45	He	263.676	ug/l	9.7	500000	
Ca	40	45	H2	2556.380	ug/l	3.5	500000	
Ti	47	45	He	125.619	ug/l	5.3	5000	
V	51	45	He	111.838	ug/l	0.5	5000	
Cr	52	45	He	32.164	ug/l	1.6	20000	
Mn	55	45	He	15.812	ug/l	2.3	10000	
Fe	56	45	H2	2627.452	ug/l	2.1	500000	
Co	59	45	He	1.824	ug/l	7.8	2000	
Ni	60	45	He	6.674	ug/l	2.5	20000	
Cu	63	45	He	53.268	ug/l	1.3	20000	
Zn	66	45	He	11.495	ug/l	4.3	20000	
As	75	45	He	2.360	ug/l	23.9	5000	
Se	78	45	H2	1.150	ug/l	23.3	2000	
Sr	88	115	He	99.760	ug/l	2.9	5000	
Mo	95	115	He	5.627	ug/l	6.7	2000	
Ag	107	115	He	0.055	ug/l	4.4	100	
Cd	111	115	He	0.079	ug/l	114.1	5000	
Sn	118	115	He	8.565	ug/l	4.0	200	
Sb	121	115	He	0.056	ug/l	21.6	200	
Ba	135	159	He	33.187	ug/l	10.3	20000	
Tl	205	209	He	-0.043	ug/l	N/A	1000	
[Pb]	206	209	He	17.459	ug/l	1.6		
[Pb]	207	209	He	15.846	ug/l	1.5		
Pb	208	209	He	16.530	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1797805.74	2.2	95.3	60	125	
Sc (ISICPMS)	45	H2	892389.78	2.3	85.2	60	125	
Sc (ISICPMS)	45	He	31892.73	2.4	78.2	60	125	
Ge (IS)	74	H2	151831.42	3.9	83.2	60	125	
Ge (IS)	74	He	19657.63	3.0	83.5	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	47743.65	1.3	75.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	320227.47	0.7	82.2	60	125	
Bi (IS)	209	He	291782.91	0.9	84.1	60	125	

Sample Report

File Name 134SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:03:13

Sample Name **460-232485-A-6-B**

Comment ---

Dilution **1.0000**

Vial # 2411

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.185	ug/l	6.8	2000	
B	11	6	No Gas	25.265	ug/l	3.6	500	
Na	23	45	He	392.262	ug/l	2.1	500000	
Mg	24	45	He	273.707	ug/l	1.2	500000	
Al	27	45	He	36037.224	ug/l	0.8	200000	
K	39	45	He	249.976	ug/l	6.1	500000	
Ca	40	45	H2	1704.166	ug/l	1.7	500000	
Ti	47	45	He	289.287	ug/l	2.8	5000	
V	51	45	He	218.100	ug/l	0.6	5000	
Cr	52	45	He	65.175	ug/l	1.8	20000	
Mn	55	45	He	14.152	ug/l	9.2	10000	
Fe	56	45	H2	3716.113	ug/l	0.7	500000	
Co	59	45	He	5.810	ug/l	3.7	2000	
Ni	60	45	He	8.346	ug/l	2.7	20000	
Cu	63	45	He	23.523	ug/l	1.8	20000	
Zn	66	45	He	7.785	ug/l	12.1	20000	
As	75	45	He	3.210	ug/l	11.7	5000	
Se	78	45	H2	5.161	ug/l	8.2	2000	
Sr	88	115	He	52.117	ug/l	1.7	5000	
Mo	95	115	He	12.684	ug/l	4.0	2000	
Ag	107	115	He	0.132	ug/l	15.2	100	
Cd	111	115	He	0.110	ug/l	24.2	5000	
Sn	118	115	He	14.655	ug/l	3.8	200	
Sb	121	115	He	0.234	ug/l	19.3	200	
Ba	135	159	He	224.659	ug/l	7.2	20000	
Tl	205	209	He	0.051	ug/l	15.1	1000	
[Pb]	206	209	He	24.965	ug/l	0.7		
[Pb]	207	209	He	22.085	ug/l	3.3		
Pb	208	209	He	23.518	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1769992.42	2.7	93.9	60	125	
Sc (ISICPMS)	45	H2	935778.99	1.8	89.4	60	125	
Sc (ISICPMS)	45	He	32702.48	0.5	80.1	60	125	
Ge (IS)	74	H2	155145.79	0.9	85.0	60	125	
Ge (IS)	74	He	19844.82	3.4	84.3	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	47517.81	0.6	75.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	317496.48	1.2	81.5	60	125	
Bi (IS)	209	He	293518.36	0.7	84.6	60	125	

Sample Report

File Name 135SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:05:23

Sample Name **460-232485-A-7-B**

Comment ---

Dilution **1.0000**

Vial # 2412

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.684	ug/l	6.9	2000	
B	11	6	No Gas	25.989	ug/l	1.9	500	
Na	23	45	He	17037.367	ug/l	0.4	500000	
Mg	24	45	He	405.483	ug/l	4.3	500000	
Al	27	45	He	53455.524	ug/l	1.5	200000	
K	39	45	He	241.142	ug/l	3.1	500000	
Ca	40	45	H2	2523.770	ug/l	1.5	500000	
Ti	47	45	He	133.038	ug/l	4.9	5000	
V	51	45	He	113.013	ug/l	2.5	5000	
Cr	52	45	He	32.252	ug/l	3.9	20000	
Mn	55	45	He	15.293	ug/l	3.6	10000	
Fe	56	45	H2	2636.751	ug/l	2.0	500000	
Co	59	45	He	1.863	ug/l	1.9	2000	
Ni	60	45	He	6.074	ug/l	2.9	20000	
Cu	63	45	He	53.538	ug/l	2.0	20000	
Zn	66	45	He	12.039	ug/l	0.9	20000	
As	75	45	He	2.644	ug/l	43.8	5000	
Se	78	45	H2	0.818	ug/l	48.3	2000	
Sr	88	115	He	106.059	ug/l	6.0	5000	
Mo	95	115	He	6.043	ug/l	2.4	2000	
Ag	107	115	He	0.038	ug/l	57.7	100	
Cd	111	115	He	0.110	ug/l	85.6	5000	
Sn	118	115	He	8.379	ug/l	4.0	200	
Sb	121	115	He	0.087	ug/l	14.2	200	
Ba	135	159	He	33.336	ug/l	4.0	20000	
Tl	205	209	He	-0.048	ug/l	N/A	1000	
[Pb]	206	209	He	17.536	ug/l	1.4		
[Pb]	207	209	He	16.215	ug/l	0.3		
Pb	208	209	He	16.893	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1711691.31	0.9	90.8	60	125	
Sc (ISICPMS)	45	H2	936764.20	2.5	89.5	60	125	
Sc (ISICPMS)	45	He	31913.86	1.4	78.2	60	125	
Ge (IS)	74	H2	151508.82	5.1	83.0	60	125	
Ge (IS)	74	He	19570.84	2.9	83.2	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	47178.46	1.0	75.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	317273.35	0.6	81.4	60	125	
Bi (IS)	209	He	286253.33	0.6	82.5	60	125	

Sample Report

File Name 136SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:07:33

Sample Name **460-232485-A-8-B**

Comment ---

Dilution **1.0000**

Vial # 2501

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.768	ug/l	4.0	2000	
B	11	6	No Gas	19.994	ug/l	4.6	500	
Na	23	45	He	407.540	ug/l	4.9	500000	
Mg	24	45	He	59.614	ug/l	6.2	500000	
Al	27	45	He	38402.199	ug/l	1.5	200000	
K	39	45	He	333.357	ug/l	10.7	500000	
Ca	40	45	H2	197.457	ug/l	2.8	500000	
Ti	47	45	He	1476.503	ug/l	0.6	5000	
V	51	45	He	1042.566	ug/l	0.7	5000	
Cr	52	45	He	39.324	ug/l	4.0	20000	
Mn	55	45	He	3.170	ug/l	11.7	10000	
Fe	56	45	H2	851.454	ug/l	1.3	500000	
Co	59	45	He	1.606	ug/l	4.7	2000	
Ni	60	45	He	4.313	ug/l	5.0	20000	
Cu	63	45	He	5.414	ug/l	0.9	20000	
Zn	66	45	He	0.706	ug/l	119.7	20000	
As	75	45	He	10.406	ug/l	3.7	5000	
Se	78	45	H2	0.142	ug/l	105.5	2000	
Sr	88	115	He	41.965	ug/l	5.0	5000	
Mo	95	115	He	16.944	ug/l	1.7	2000	
Ag	107	115	He	0.033	ug/l	30.6	100	
Cd	111	115	He	0.018	ug/l	280.9	5000	
Sn	118	115	He	1.752	ug/l	4.1	200	
Sb	121	115	He	0.225	ug/l	13.6	200	
Ba	135	159	He	209.574	ug/l	0.9	20000	
Tl	205	209	He	-0.097	ug/l	N/A	1000	
[Pb]	206	209	He	9.836	ug/l	3.6		
[Pb]	207	209	He	8.827	ug/l	1.4		
Pb	208	209	He	9.397	ug/l	2.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1678422.75	4.7	89.0	60	125	
Sc (ISICPMS)	45	H2	889771.76	1.1	85.0	60	125	
Sc (ISICPMS)	45	He	31530.68	0.4	77.3	60	125	
Ge (IS)	74	H2	153443.52	1.9	84.0	60	125	
Ge (IS)	74	He	20242.44	1.8	86.0	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	47706.32	1.2	75.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	323339.77	0.2	83.0	60	125	
Bi (IS)	209	He	286046.90	1.5	82.5	60	125	

Sample Report

File Name 137SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:09:45

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.005	ug/l	N/A	2000	
B	11	6	No Gas	12.374	ug/l	6.3	500	
Na	23	45	He	110.953	ug/l	11.3	500000	
Mg	24	45	He	5.680	ug/l	22.5	500000	
Al	27	45	He	7.947	ug/l	58.3	200000	
K	39	45	He	154.922	ug/l	1.4	500000	
Ca	40	45	H2	20.248	ug/l	0.8	500000	
Ti	47	45	He	-0.290	ug/l	N/A	5000	
V	51	45	He	-0.233	ug/l	N/A	5000	
Cr	52	45	He	0.388	ug/l	44.5	20000	
Mn	55	45	He	0.121	ug/l	416.5	10000	
Fe	56	45	H2	3.167	ug/l	18.7	500000	
Co	59	45	He	-0.040	ug/l	N/A	2000	
Ni	60	45	He	0.351	ug/l	7.7	20000	
Cu	63	45	He	0.152	ug/l	73.0	20000	
Zn	66	45	He	-2.018	ug/l	N/A	20000	
As	75	45	He	-0.034	ug/l	N/A	5000	
Se	78	45	H2	-0.004	ug/l	N/A	2000	
Sr	88	115	He	0.073	ug/l	167.6	5000	
Mo	95	115	He	0.011	ug/l	92.3	2000	
Ag	107	115	He	-0.013	ug/l	N/A	100	
Cd	111	115	He	0.003	ug/l	926.8	5000	
Sn	118	115	He	-0.195	ug/l	N/A	200	
Sb	121	115	He	-0.012	ug/l	N/A	200	
Ba	135	159	He	0.058	ug/l	149.1	20000	
Tl	205	209	He	-0.109	ug/l	N/A	1000	
[Pb]	206	209	He	0.092	ug/l	22.8		
[Pb]	207	209	He	0.035	ug/l	48.8		
Pb	208	209	He	0.070	ug/l	29.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1763112.21	3.0	93.5	60	125	
Sc (ISICPMS)	45	H2	900073.34	1.3	86.0	60	125	
Sc (ISICPMS)	45	He	31436.02	2.0	77.0	60	125	
Ge (IS)	74	H2	145358.13	2.2	79.6	60	125	
Ge (IS)	74	He	18357.78	0.7	78.0	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	50013.48	2.2	79.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	323570.37	0.7	83.0	60	125	
Bi (IS)	209	He	294155.31	1.3	84.8	60	125	

Sample Report

File Name 138SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:11:56

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.003	ug/l	330.3	2000	
B	11	6	No Gas	11.346	ug/l	11.7	500	
Na	23	45	He	106.733	ug/l	3.3	500000	
Mg	24	45	He	4.418	ug/l	22.1	500000	
Al	27	45	He	5.753	ug/l	28.8	200000	
K	39	45	He	116.838	ug/l	18.6	500000	
Ca	40	45	H2	16.184	ug/l	5.1	500000	
Ti	47	45	He	-0.461	ug/l	N/A	5000	
V	51	45	He	0.042	ug/l	369.0	5000	
Cr	52	45	He	0.473	ug/l	23.9	20000	
Mn	55	45	He	0.192	ug/l	127.2	10000	
Fe	56	45	H2	2.073	ug/l	2.5	500000	
Co	59	45	He	-0.026	ug/l	N/A	2000	
Ni	60	45	He	0.305	ug/l	43.4	20000	
Cu	63	45	He	0.051	ug/l	150.9	20000	
Zn	66	45	He	-2.206	ug/l	N/A	20000	
As	75	45	He	-0.060	ug/l	N/A	5000	
Se	78	45	H2	-0.074	ug/l	N/A	2000	
Sr	88	115	He	0.123	ug/l	99.1	5000	
Mo	95	115	He	-0.001	ug/l	N/A	2000	
Ag	107	115	He	-0.005	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.130	ug/l	N/A	200	
Sb	121	115	He	0.002	ug/l	497.7	200	
Ba	135	159	He	0.057	ug/l	150.1	20000	
Tl	205	209	He	-0.112	ug/l	N/A	1000	
[Pb]	206	209	He	0.062	ug/l	51.5		
[Pb]	207	209	He	0.015	ug/l	401.2		
Pb	208	209	He	0.046	ug/l	32.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1779137.67	7.5	94.3	60	125	
Sc (ISICPMS)	45	H2	893967.65	1.9	85.4	60	125	
Sc (ISICPMS)	45	He	31796.79	1.7	77.9	60	125	
Ge (IS)	74	H2	145614.60	0.6	79.7	60	125	
Ge (IS)	74	He	18758.90	6.4	79.7	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	49823.80	2.0	79.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	325381.08	1.8	83.5	60	125	
Bi (IS)	209	He	294801.10	1.5	85.0	60	125	

Continuing Calibration Verification (CCV)

File Name 139_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:14:08

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	96.389	ug/l	0.8	100	90	110	
B	11	6	No Gas	247.160	ug/l	2.7	250	225	275	
Na	23	45	He	26552.281	ug/l	1.3	25000	22500	27500	
Mg	24	45	He	27156.962	ug/l	1.9	25000	22500	27500	
Al	27	45	He	25024.186	ug/l	0.6	25000	22500	27500	
K	39	45	He	24920.343	ug/l	2.5	25000	22500	27500	
Ca	40	45	H2	24410.849	ug/l	4.1	25000	22500	27500	
Ti	47	45	He	100.899	ug/l	11.7	100	90	110	
V	51	45	He	100.029	ug/l	2.6	100	90	110	
Cr	52	45	He	100.649	ug/l	2.1	100	90	110	
Mn	55	45	He	98.500	ug/l	4.9	100	90	110	
Fe	56	45	H2	25926.597	ug/l	1.2	25000	22500	27500	
Co	59	45	He	102.008	ug/l	1.6	100	90	110	
Ni	60	45	He	100.978	ug/l	3.1	100	90	110	
Cu	63	45	He	101.331	ug/l	0.5	100	90	110	
Zn	66	45	He	245.697	ug/l	2.9	250	225	275	
As	75	45	He	102.241	ug/l	5.4	100	90	110	
Se	78	45	H2	101.728	ug/l	3.5	100	90	110	
Sr	88	115	He	95.338	ug/l	4.9	100	90	110	
Mo	95	115	He	101.331	ug/l	2.3	100	90	110	
Ag	107	115	He	51.199	ug/l	0.6	50	45	55	
Cd	111	115	He	102.001	ug/l	1.5	100	90	110	
Sn	118	115	He	102.411	ug/l	2.1	100	90	110	
Sb	121	115	He	103.293	ug/l	0.4	100	90	110	
Ba	135	159	He	96.237	ug/l	4.2	100	90	110	
Tl	205	209	He	99.229	ug/l	1.4	100	90	110	
[Pb]	206	209	He	99.733	ug/l	1.6				
[Pb]	207	209	He	97.767	ug/l	0.5				
Pb	208	209	He	99.220	ug/l	0.6	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1714089.30	1.2	90.9	60	125	
Sc (ISICPMS)	45	H2	842159.02	1.9	80.4	60	125	
Sc (ISICPMS)	45	He	30702.24	1.4	75.2	60	125	
Ge (IS)	74	H2	150600.27	1.5	82.5	60	125	
Ge (IS)	74	He	19363.70	4.0	82.3	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	47115.06	0.5	74.9	60	125	
Tb (IS)	159	He	309127.28	0.2	79.3	60	125	
Bi (IS)	209	He	281055.14	0.6	81.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 140_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:16:18

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.022	ug/l	76.9	0.8	-0.8	0.8	
B	11	6	No Gas	12.600	ug/l	4.8	40	-40	40	
Na	23	45	He	114.886	ug/l	9.4	500	-500	500	
Mg	24	45	He	2.475	ug/l	19.3	200	-200	200	
Al	27	45	He	5.631	ug/l	32.0	40	-40	40	
K	39	45	He	118.413	ug/l	21.0	200	-200	200	
Ca	40	45	H2	10.298	ug/l	3.2	500	-500	500	
Ti	47	45	He	-0.630	ug/l	N/A	4	-4	4	
V	51	45	He	-0.060	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.032	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.222	ug/l	161.1	8	-8	8	
Fe	56	45	H2	5.186	ug/l	18.4	60	-60	60	
Co	59	45	He	-0.023	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.169	ug/l	129.3	4	-4	4	
Cu	63	45	He	0.092	ug/l	43.7	4	-4	4	
Zn	66	45	He	-1.670	ug/l	N/A	16	-16	16	
As	75	45	He	-0.119	ug/l	N/A	2	-2	2	
Se	78	45	H2	-0.073	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	0.197	ug/l	15.9	4	-4	4	
Mo	95	115	He	0.018	ug/l	105.7	4	-4	4	
Ag	107	115	He	0.000	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.018	ug/l	141.1	2	-2	2	
Sn	118	115	He	-0.004	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.028	ug/l	66.8	2	-2	2	
Ba	135	159	He	0.060	ug/l	147.7	4	-4	4	
Tl	205	209	He	-0.076	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.063	ug/l	16.8				
[Pb]	207	209	He	0.079	ug/l	64.1				
Pb	208	209	He	0.062	ug/l	14.6	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1815304.05	3.7	96.3	60	125	
Sc (ISICPMS)	45	H2	845673.42	1.6	80.8	60	125	
Sc (ISICPMS)	45	He	31617.49	0.9	77.5	60	125	
Ge (IS)	74	H2	144051.63	0.8	78.9	60	125	
Ge (IS)	74	He	17953.53	3.2	76.3	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	48862.27	1.4	77.6	60	125	
Tb (IS)	159	He	320724.36	0.7	82.3	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	289921.28	0.7	83.6	60	125	

Sample Report

File Name 141SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:18:31

Sample Name **460-232772-E-5-A**

Comment ---

Dilution **1.0000**

Vial # 3203

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.012	ug/l	32.9	2000	
B	11	6	No Gas	3197.391	ug/l	6.6	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	121762.486	ug/l	5.4	500000	
Mg	24	45	He	59485.220	ug/l	2.8	500000	
Al	27	45	He	10.382	ug/l	23.1	200000	
K	39	45	He	2271.213	ug/l	3.2	500000	
Ca	40	45	H2	542524.148	ug/l	1.5	500000	>LDR 6020B□>LDR 200.8
Ti	47	45	He	0.396	ug/l	192.4	5000	
V	51	45	He	-0.206	ug/l	N/A	5000	
Cr	52	45	He	0.645	ug/l	13.5	20000	
Mn	55	45	He	325.197	ug/l	1.1	10000	
Fe	56	45	H2	423.552	ug/l	1.6	500000	
Co	59	45	He	0.046	ug/l	84.3	2000	
Ni	60	45	He	0.393	ug/l	41.3	20000	
Cu	63	45	He	0.346	ug/l	26.8	20000	
Zn	66	45	He	-0.449	ug/l	N/A	20000	
As	75	45	He	0.429	ug/l	35.4	5000	
Se	78	45	H2	0.383	ug/l	62.4	2000	
Sr	88	115	He	8184.469	ug/l	2.2	5000	>LDR 6020B□>LDR 200.8
Mo	95	115	He	34.224	ug/l	3.1	2000	
Ag	107	115	He	0.002	ug/l	683.5	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.133	ug/l	94.5	200	
Sb	121	115	He	0.035	ug/l	16.8	200	
Ba	135	159	He	7.952	ug/l	15.6	20000	
Tl	205	209	He	-0.100	ug/l	N/A	1000	
[Pb]	206	209	He	0.168	ug/l	30.0		
[Pb]	207	209	He	0.151	ug/l	14.8		
Pb	208	209	He	0.142	ug/l	6.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1835854.31	1.3	97.3	60	125	
Sc (ISICPMS)	45	H2	848535.46	2.4	81.0	60	125	
Sc (ISICPMS)	45	He	30928.22	2.7	75.8	60	125	
Ge (IS)	74	H2	155268.21	1.4	85.0	60	125	
Ge (IS)	74	He	20075.40	0.6	85.3	60	125	
Kr	83	He	10.01	173.2	75.0			
In-1	115	He	46979.73	0.9	74.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	314046.24	0.8	80.6	60	125	
Bi (IS)	209	He	279100.32	0.6	80.5	60	125	

Sample Report

File Name 142SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:20:41

Sample Name **460-233043-H-1-A**

Comment ---

Dilution **1.0000**

Vial # 3204

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.083	ug/l	29.7	2000	
B	11	6	No Gas	192.720	ug/l	3.9	500	
Na	23	45	He	78197.498	ug/l	1.3	500000	
Mg	24	45	He	54543.715	ug/l	0.9	500000	
Al	27	45	He	478.160	ug/l	2.6	200000	
K	39	45	He	6427.025	ug/l	0.5	500000	
Ca	40	45	H2	481677.281	ug/l	0.7	500000	>LDR 200.8
Ti	47	45	He	29.915	ug/l	9.7	5000	
V	51	45	He	1.807	ug/l	6.3	5000	
Cr	52	45	He	5.952	ug/l	105.0	20000	
Mn	55	45	He	29209.092	ug/l	0.8	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	3137.727	ug/l	1.5	500000	
Co	59	45	He	1.309	ug/l	6.2	2000	
Ni	60	45	He	2.376	ug/l	12.4	20000	
Cu	63	45	He	3.514	ug/l	3.3	20000	
Zn	66	45	He	375.343	ug/l	1.4	20000	
As	75	45	He	3.622	ug/l	5.0	5000	
Se	78	45	H2	0.100	ug/l	73.3	2000	
Sr	88	115	He	1126.488	ug/l	1.7	5000	
Mo	95	115	He	0.443	ug/l	10.3	2000	
Ag	107	115	He	0.004	ug/l	281.1	100	
Cd	111	115	He	0.020	ug/l	272.7	5000	
Sn	118	115	He	0.692	ug/l	26.5	200	
Sb	121	115	He	0.499	ug/l	8.6	200	
Ba	135	159	He	115.890	ug/l	0.9	20000	
Tl	205	209	He	-0.097	ug/l	N/A	1000	
[Pb]	206	209	He	10.231	ug/l	2.4		
[Pb]	207	209	He	9.336	ug/l	3.5		
Pb	208	209	He	9.587	ug/l	2.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1739717.32	4.3	92.2	60	125	
Sc (ISICPMS)	45	H2	862546.86	0.5	82.4	60	125	
Sc (ISICPMS)	45	He	30444.93	1.1	74.6	60	125	
Ge (IS)	74	H2	157432.40	0.6	86.2	60	125	
Ge (IS)	74	He	19707.79	2.2	83.8	60	125	
Kr	83	He	6.67	173.2	50.0			
In-1	115	He	46653.28	1.3	74.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	310854.80	0.9	79.8	60	125	
Bi (IS)	209	He	277249.78	0.8	79.9	60	125	

Sample Report

File Name 143SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:22:51

Sample Name **460-233043-H-2-A**

Comment ---

Dilution **1.0000**

Vial # 3205

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.171	ug/l	9.7	2000	
B	11	6	No Gas	390.238	ug/l	3.9	500	
Na	23	45	He	462950.669	ug/l	2.1	500000	>LDR 200.8
Mg	24	45	He	154761.192	ug/l	2.6	500000	
Al	27	45	He	377.583	ug/l	11.8	200000	
K	39	45	He	3953.197	ug/l	1.5	500000	
Ca	40	45	H2	578405.268	ug/l	2.2	500000	>LDR 6020B□>LDR 200.8
Ti	47	45	He	20.917	ug/l	6.7	5000	
V	51	45	He	4.441	ug/l	16.9	5000	
Cr	52	45	He	1.190	ug/l	18.6	20000	
Mn	55	45	He	47591.728	ug/l	1.7	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	4907.949	ug/l	0.8	500000	
Co	59	45	He	0.878	ug/l	3.4	2000	
Ni	60	45	He	35.249	ug/l	2.0	20000	
Cu	63	45	He	1.308	ug/l	7.8	20000	
Zn	66	45	He	5.753	ug/l	14.0	20000	
As	75	45	He	3.144	ug/l	4.2	5000	
Se	78	45	H2	0.809	ug/l	20.1	2000	
Sr	88	115	He	1154.797	ug/l	1.8	5000	
Mo	95	115	He	1.794	ug/l	10.1	2000	
Ag	107	115	He	-0.003	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.252	ug/l	32.2	200	
Sb	121	115	He	0.325	ug/l	45.8	200	
Ba	135	159	He	43.426	ug/l	4.9	20000	
Tl	205	209	He	-0.103	ug/l	N/A	1000	
[Pb]	206	209	He	5.677	ug/l	5.3		
[Pb]	207	209	He	5.217	ug/l	3.2		
Pb	208	209	He	5.456	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1691252.72	3.0	89.7	60	125	
Sc (ISICPMS)	45	H2	850727.76	1.2	81.3	60	125	
Sc (ISICPMS)	45	He	30223.34	2.0	74.1	60	125	
Ge (IS)	74	H2	154288.03	0.9	84.5	60	125	
Ge (IS)	74	He	19687.74	4.2	83.7	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	45237.91	1.3	71.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	308338.91	1.7	79.1	60	125	
Bi (IS)	209	He	271134.84	0.5	78.2	60	125	

Sample Report

File Name 144SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:24:59

Sample Name **460-232485-A-9-B**

Comment ---

Dilution **1.0000**

Vial # 2502

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.777	ug/l	8.4	2000	
B	11	6	No Gas	33.953	ug/l	5.7	500	
Na	23	45	He	1478.128	ug/l	1.7	500000	
Mg	24	45	He	416.184	ug/l	1.5	500000	
Al	27	45	He	53103.199	ug/l	0.7	200000	
K	39	45	He	231.805	ug/l	4.5	500000	
Ca	40	45	H2	1859.890	ug/l	2.5	500000	
Ti	47	45	He	131.385	ug/l	5.1	5000	
V	51	45	He	192.863	ug/l	1.7	5000	
Cr	52	45	He	45.882	ug/l	3.3	20000	
Mn	55	45	He	15.595	ug/l	7.3	10000	
Fe	56	45	H2	3169.847	ug/l	2.8	500000	
Co	59	45	He	1.602	ug/l	0.9	2000	
Ni	60	45	He	7.673	ug/l	3.2	20000	
Cu	63	45	He	29.396	ug/l	0.5	20000	
Zn	66	45	He	9.000	ug/l	7.2	20000	
As	75	45	He	2.370	ug/l	12.8	5000	
Se	78	45	H2	0.445	ug/l	26.2	2000	
Sr	88	115	He	85.265	ug/l	2.0	5000	
Mo	95	115	He	4.714	ug/l	5.4	2000	
Ag	107	115	He	0.033	ug/l	14.6	100	
Cd	111	115	He	0.064	ug/l	40.1	5000	
Sn	118	115	He	7.703	ug/l	2.6	200	
Sb	121	115	He	0.060	ug/l	9.4	200	
Ba	135	159	He	44.145	ug/l	2.1	20000	
Tl	205	209	He	-0.071	ug/l	N/A	1000	
[Pb]	206	209	He	15.154	ug/l	2.4		
[Pb]	207	209	He	13.457	ug/l	1.9		
Pb	208	209	He	14.415	ug/l	0.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1742567.26	4.1	92.4	60	125	
Sc (ISICPMS)	45	H2	903958.47	2.8	86.3	60	125	
Sc (ISICPMS)	45	He	31960.57	0.9	78.3	60	125	
Ge (IS)	74	H2	151195.67	1.0	82.8	60	125	
Ge (IS)	74	He	19276.64	1.9	81.9	60	125	
Kr	83	He	16.68	69.3	125.0			
In-1	115	He	47395.13	1.2	75.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	316317.91	1.4	81.2	60	125	
Bi (IS)	209	He	288064.23	1.3	83.1	60	125	

Sample Report

File Name 145SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:27:10

Sample Name **460-232485-A-10-B**

Comment ---

Dilution **1.0000**

Vial # 2503

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.645	ug/l	4.7	2000	
B	11	6	No Gas	25.971	ug/l	2.8	500	
Na	23	45	He	13965.141	ug/l	0.7	500000	
Mg	24	45	He	321.578	ug/l	3.6	500000	
Al	27	45	He	69778.148	ug/l	2.0	200000	
K	39	45	He	287.359	ug/l	3.6	500000	
Ca	40	45	H2	1052.354	ug/l	3.6	500000	
Ti	47	45	He	237.236	ug/l	3.7	5000	
V	51	45	He	130.145	ug/l	2.9	5000	
Cr	52	45	He	53.473	ug/l	1.1	20000	
Mn	55	45	He	6.630	ug/l	7.5	10000	
Fe	56	45	H2	5623.070	ug/l	2.4	500000	
Co	59	45	He	2.030	ug/l	6.3	2000	
Ni	60	45	He	6.842	ug/l	11.3	20000	
Cu	63	45	He	18.973	ug/l	2.4	20000	
Zn	66	45	He	11.230	ug/l	9.3	20000	
As	75	45	He	3.375	ug/l	18.4	5000	
Se	78	45	H2	0.767	ug/l	24.0	2000	
Sr	88	115	He	80.418	ug/l	2.3	5000	
Mo	95	115	He	5.295	ug/l	6.5	2000	
Ag	107	115	He	0.064	ug/l	68.1	100	
Cd	111	115	He	0.190	ug/l	14.9	5000	
Sn	118	115	He	9.073	ug/l	2.3	200	
Sb	121	115	He	0.073	ug/l	48.8	200	
Ba	135	159	He	61.920	ug/l	2.1	20000	
Tl	205	209	He	-0.044	ug/l	N/A	1000	
[Pb]	206	209	He	22.394	ug/l	2.3		
[Pb]	207	209	He	20.387	ug/l	1.5		
Pb	208	209	He	21.139	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1715466.42	1.1	91.0	60	125	
Sc (ISICPMS)	45	H2	890779.49	2.4	85.1	60	125	
Sc (ISICPMS)	45	He	31450.56	1.2	77.1	60	125	
Ge (IS)	74	H2	152721.03	1.0	83.6	60	125	
Ge (IS)	74	He	19373.60	2.1	82.3	60	125	
Kr	83	He	16.68	69.3	125.0			
In-1	115	He	46477.39	2.0	73.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	315453.42	1.0	80.9	60	125	
Bi (IS)	209	He	283971.18	0.6	81.9	60	125	

Sample Report

File Name 146SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:29:21

Sample Name **460-232485-A-11-B**

Comment ---

Dilution **1.0000**

Vial # 2504

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.772	ug/l	10.5	2000	
B	11	6	No Gas	23.455	ug/l	3.9	500	
Na	23	45	He	14894.118	ug/l	1.9	500000	
Mg	24	45	He	412.196	ug/l	3.3	500000	
Al	27	45	He	63259.037	ug/l	2.5	200000	
K	39	45	He	255.678	ug/l	6.3	500000	
Ca	40	45	H2	1662.644	ug/l	3.5	500000	
Ti	47	45	He	124.081	ug/l	5.2	5000	
V	51	45	He	137.290	ug/l	3.7	5000	
Cr	52	45	He	49.887	ug/l	4.6	20000	
Mn	55	45	He	11.922	ug/l	2.3	10000	
Fe	56	45	H2	3018.725	ug/l	2.0	500000	
Co	59	45	He	1.779	ug/l	5.5	2000	
Ni	60	45	He	6.751	ug/l	6.3	20000	
Cu	63	45	He	34.484	ug/l	2.2	20000	
Zn	66	45	He	12.050	ug/l	11.5	20000	
As	75	45	He	2.796	ug/l	25.5	5000	
Se	78	45	H2	0.687	ug/l	41.0	2000	
Sr	88	115	He	108.475	ug/l	1.7	5000	
Mo	95	115	He	4.386	ug/l	8.3	2000	
Ag	107	115	He	0.044	ug/l	26.9	100	
Cd	111	115	He	0.034	ug/l	131.8	5000	
Sn	118	115	He	7.918	ug/l	9.9	200	
Sb	121	115	He	0.023	ug/l	279.8	200	
Ba	135	159	He	56.623	ug/l	6.9	20000	
Tl	205	209	He	-0.055	ug/l	N/A	1000	
[Pb]	206	209	He	20.330	ug/l	2.6		
[Pb]	207	209	He	18.697	ug/l	1.7		
Pb	208	209	He	19.749	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1797752.56	2.1	95.3	60	125	
Sc (ISICPMS)	45	H2	896623.62	1.1	85.6	60	125	
Sc (ISICPMS)	45	He	31998.46	1.9	78.4	60	125	
Ge (IS)	74	H2	152233.93	1.5	83.4	60	125	
Ge (IS)	74	He	19697.72	2.9	83.7	60	125	
Kr	83	He	10.01	173.2	75.0			
In-1	115	He	46759.24	1.5	74.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	313386.14	1.3	80.4	60	125	
Bi (IS)	209	He	285236.66	1.5	82.2	60	125	

Sample Report

File Name 147SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:33:30

Sample Name **460-232485-A-12-B**

Comment ---

Dilution **1.0000**

Vial # 2505

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.519	ug/l	13.4	2000	
B	11	6	No Gas	14.236	ug/l	1.0	500	
Na	23	45	He	20194.050	ug/l	1.2	500000	
Mg	24	45	He	161.971	ug/l	2.9	500000	
Al	27	45	He	31503.855	ug/l	1.5	200000	
K	39	45	He	712.952	ug/l	2.6	500000	
Ca	40	45	H2	335.542	ug/l	3.1	500000	
Ti	47	45	He	1794.811	ug/l	2.4	5000	
V	51	45	He	440.353	ug/l	0.3	5000	
Cr	52	45	He	20.701	ug/l	0.7	20000	
Mn	55	45	He	13.940	ug/l	5.8	10000	
Fe	56	45	H2	2658.270	ug/l	5.7	500000	
Co	59	45	He	7.042	ug/l	2.5	2000	
Ni	60	45	He	24.871	ug/l	13.0	20000	
Cu	63	45	He	18.104	ug/l	4.7	20000	
Zn	66	45	He	20.919	ug/l	4.1	20000	
As	75	45	He	4.700	ug/l	6.4	5000	
Se	78	45	H2	0.026	ug/l	291.4	2000	
Sr	88	115	He	16.656	ug/l	5.2	5000	
Mo	95	115	He	14.001	ug/l	0.9	2000	
Ag	107	115	He	0.501	ug/l	15.9	100	
Cd	111	115	He	0.004	ug/l	716.3	5000	
Sn	118	115	He	1.497	ug/l	23.1	200	
Sb	121	115	He	0.375	ug/l	18.5	200	
Ba	135	159	He	22.645	ug/l	10.7	20000	
Tl	205	209	He	-0.086	ug/l	N/A	1000	
[Pb]	206	209	He	25.321	ug/l	1.1		
[Pb]	207	209	He	23.388	ug/l	2.1		
Pb	208	209	He	24.286	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1820046.81	2.0	96.5	60	125	
Sc (ISICPMS)	45	H2	867378.61	1.8	82.8	60	125	
Sc (ISICPMS)	45	He	30537.36	1.7	74.8	60	125	
Ge (IS)	74	H2	152756.38	2.3	83.7	60	125	
Ge (IS)	74	He	19761.11	2.6	84.0	60	125	
Kr	83	He	13.35	43.3	100.0			
In-1	115	He	47493.67	0.5	75.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	317046.87	1.8	81.3	60	125	
Bi (IS)	209	He	287794.40	2.0	83.0	60	125	

Sample Report

File Name 148SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:35:41

Sample Name **460-232485-A-13-B**

Comment ---

Dilution **1.0000**

Vial # 2506

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.941	ug/l	7.5	2000	
B	11	6	No Gas	18.426	ug/l	4.2	500	
Na	23	45	He	2120.131	ug/l	1.0	500000	
Mg	24	45	He	404.202	ug/l	0.8	500000	
Al	27	45	He	67042.696	ug/l	1.6	200000	
K	39	45	He	333.477	ug/l	5.0	500000	
Ca	40	45	H2	2147.384	ug/l	2.2	500000	
Ti	47	45	He	197.566	ug/l	5.6	5000	
V	51	45	He	222.543	ug/l	0.3	5000	
Cr	52	45	He	54.387	ug/l	1.5	20000	
Mn	55	45	He	8.956	ug/l	6.6	10000	
Fe	56	45	H2	3555.125	ug/l	3.7	500000	
Co	59	45	He	2.001	ug/l	9.4	2000	
Ni	60	45	He	7.535	ug/l	0.9	20000	
Cu	63	45	He	42.291	ug/l	1.0	20000	
Zn	66	45	He	13.378	ug/l	6.4	20000	
As	75	45	He	2.561	ug/l	12.2	5000	
Se	78	45	H2	1.237	ug/l	16.3	2000	
Sr	88	115	He	134.014	ug/l	3.6	5000	
Mo	95	115	He	5.261	ug/l	4.1	2000	
Ag	107	115	He	0.076	ug/l	25.4	100	
Cd	111	115	He	0.050	ug/l	54.0	5000	
Sn	118	115	He	9.636	ug/l	4.2	200	
Sb	121	115	He	0.046	ug/l	68.8	200	
Ba	135	159	He	107.285	ug/l	7.7	20000	
Tl	205	209	He	-0.040	ug/l	N/A	1000	
[Pb]	206	209	He	29.841	ug/l	1.7		
[Pb]	207	209	He	27.208	ug/l	2.5		
Pb	208	209	He	28.879	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1769971.17	1.4	93.9	60	125	
Sc (ISICPMS)	45	H2	895978.39	1.0	85.6	60	125	
Sc (ISICPMS)	45	He	32067.60	0.1	78.6	60	125	
Ge (IS)	74	H2	150968.22	3.1	82.7	60	125	
Ge (IS)	74	He	19236.65	0.9	81.7	60	125	
Kr	83	He	16.68	34.6	125.0			
In-1	115	He	46800.98	2.0	74.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	314210.53	1.2	80.6	60	125	
Bi (IS)	209	He	284864.26	1.7	82.1	60	125	

Sample Report

File Name 149SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:37:51

Sample Name **460-232485-A-14-B**

Comment ---

Dilution **1.0000**

Vial # 2507

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	15.556	ug/l	3.8	2000	
B	11	6	No Gas	67.416	ug/l	3.3	500	
Na	23	45	He	12129.133	ug/l	1.4	500000	
Mg	24	45	He	1029.209	ug/l	1.6	500000	
Al	27	45	He	1641145.375	ug/l	2.1	200000	>LDR 6020B□>LDR 200.8
K	39	45	He	4250.546	ug/l	1.7	500000	
Ca	40	45	H2	966.147	ug/l	0.7	500000	
Ti	47	45	He	544.875	ug/l	3.4	5000	
V	51	45	He	1195.357	ug/l	1.3	5000	
Cr	52	45	He	771.315	ug/l	1.3	20000	
Mn	55	45	He	27.969	ug/l	4.5	10000	
Fe	56	45	H2	17553.363	ug/l	1.5	500000	
Co	59	45	He	49.779	ug/l	1.1	2000	
Ni	60	45	He	172.378	ug/l	0.9	20000	
Cu	63	45	He	81.993	ug/l	1.3	20000	
Zn	66	45	He	122.478	ug/l	2.3	20000	
As	75	45	He	14.901	ug/l	7.9	5000	
Se	78	45	H2	0.431	ug/l	21.6	2000	
Sr	88	115	He	533.334	ug/l	1.4	5000	
Mo	95	115	He	9.932	ug/l	2.3	2000	
Ag	107	115	He	0.229	ug/l	18.9	100	
Cd	111	115	He	0.118	ug/l	37.6	5000	
Sn	118	115	He	26.151	ug/l	6.0	200	
Sb	121	115	He	0.048	ug/l	23.8	200	
Ba	135	159	He	900.407	ug/l	1.7	20000	
Tl	205	209	He	0.064	ug/l	17.7	1000	
[Pb]	206	209	He	325.864	ug/l	1.9		
[Pb]	207	209	He	299.697	ug/l	1.1		
Pb	208	209	He	312.141	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1776085.74	0.8	94.2	60	125	
Sc (ISICPMS)	45	H2	1159391.49	0.6	110.7	60	125	
Sc (ISICPMS)	45	He	43855.49	0.4	107.5	60	125	
Ge (IS)	74	H2	158441.93	1.5	86.8	60	125	
Ge (IS)	74	He	21860.00	3.2	92.9	60	125	
Kr	83	He	36.70	15.7	275.0			
In-1	115	He	50196.65	1.1	79.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	361092.66	1.4	92.6	60	125	
Bi (IS)	209	He	298949.97	0.5	86.2	60	125	

Sample Report

File Name 150SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:40:00

Sample Name **460-233043-H-1-A@5**

Comment ---

Dilution **1.0000**

Vial # 3204

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.096	ug/l	13.3	2000	
B	11	6	No Gas	71.014	ug/l	1.2	500	
Na	23	45	He	16137.668	ug/l	1.7	500000	
Mg	24	45	He	10999.753	ug/l	1.9	500000	
Al	27	45	He	465.988	ug/l	2.5	200000	
K	39	45	He	1386.322	ug/l	4.4	500000	
Ca	40	45	H2	96699.147	ug/l	0.6	500000	
Ti	47	45	He	8.808	ug/l	22.1	5000	
V	51	45	He	3.049	ug/l	5.0	5000	
Cr	52	45	He	2.831	ug/l	11.1	20000	
Mn	55	45	He	6068.178	ug/l	0.6	10000	
Fe	56	45	H2	830.507	ug/l	2.9	500000	
Co	59	45	He	0.491	ug/l	15.6	2000	
Ni	60	45	He	1.021	ug/l	4.3	20000	
Cu	63	45	He	2.900	ug/l	8.2	20000	
Zn	66	45	He	76.182	ug/l	1.4	20000	
As	75	45	He	1.435	ug/l	12.3	5000	
Se	78	45	H2	0.109	ug/l	74.8	2000	
Sr	88	115	He	235.805	ug/l	3.2	5000	
Mo	95	115	He	0.109	ug/l	79.2	2000	
Ag	107	115	He	0.026	ug/l	27.1	100	
Cd	111	115	He	0.253	ug/l	10.7	5000	
Sn	118	115	He	0.185	ug/l	85.2	200	
Sb	121	115	He	0.114	ug/l	24.9	200	
Ba	135	159	He	23.951	ug/l	7.4	20000	
Tl	205	209	He	-0.075	ug/l	N/A	1000	
[Pb]	206	209	He	4.565	ug/l	3.3		
[Pb]	207	209	He	4.316	ug/l	3.0		
Pb	208	209	He	4.455	ug/l	3.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1925897.99	1.5	102.1	60	125	
Sc (ISICPMS)	45	H2	925675.19	1.1	88.4	60	125	
Sc (ISICPMS)	45	He	33928.66	0.5	83.1	60	125	
Ge (IS)	74	H2	163892.93	2.4	89.8	60	125	
Ge (IS)	74	He	21823.20	1.9	92.7	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	51695.92	2.0	82.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	328550.68	0.5	84.3	60	125	
Bi (IS)	209	He	300123.09	1.0	86.5	60	125	

Continuing Calibration Verification (CCV)

File Name 151_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:42:10

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	92.586	ug/l	2.8	100	90	110	
B	11	6	No Gas	239.097	ug/l	2.5	250	225	275	
Na	23	45	He	25944.322	ug/l	1.0	25000	22500	27500	
Mg	24	45	He	25940.085	ug/l	0.5	25000	22500	27500	
Al	27	45	He	25125.733	ug/l	0.8	25000	22500	27500	
K	39	45	He	24330.157	ug/l	1.3	25000	22500	27500	
Ca	40	45	H2	24821.499	ug/l	1.9	25000	22500	27500	
Ti	47	45	He	95.335	ug/l	6.0	100	90	110	
V	51	45	He	101.958	ug/l	1.0	100	90	110	
Cr	52	45	He	95.687	ug/l	0.7	100	90	110	
Mn	55	45	He	101.666	ug/l	4.8	100	90	110	
Fe	56	45	H2	25758.303	ug/l	6.0	25000	22500	27500	
Co	59	45	He	99.175	ug/l	1.4	100	90	110	
Ni	60	45	He	97.759	ug/l	0.8	100	90	110	
Cu	63	45	He	97.811	ug/l	4.4	100	90	110	
Zn	66	45	He	238.842	ug/l	2.0	250	225	275	
As	75	45	He	103.531	ug/l	1.5	100	90	110	
Se	78	45	H2	108.121	ug/l	5.4	100	90	110	
Sr	88	115	He	97.101	ug/l	4.6	100	90	110	
Mo	95	115	He	100.891	ug/l	2.1	100	90	110	
Ag	107	115	He	49.047	ug/l	2.7	50	45	55	
Cd	111	115	He	102.999	ug/l	2.6	100	90	110	
Sn	118	115	He	102.212	ug/l	1.7	100	90	110	
Sb	121	115	He	103.092	ug/l	1.3	100	90	110	
Ba	135	159	He	99.984	ug/l	3.2	100	90	110	
Tl	205	209	He	96.644	ug/l	0.6	100	90	110	
[Pb]	206	209	He	99.556	ug/l	2.3				
[Pb]	207	209	He	96.387	ug/l	0.9				
Pb	208	209	He	98.034	ug/l	0.3	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1910016.08	1.8	101.3	60	125	
Sc (ISICPMS)	45	H2	907299.64	3.0	86.7	60	125	
Sc (ISICPMS)	45	He	34339.56	1.3	84.2	60	125	
Ge (IS)	74	H2	160865.40	1.3	88.1	60	125	
Ge (IS)	74	He	20302.51	0.3	86.3	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	51620.85	1.0	82.0	60	125	
Tb (IS)	159	He	332859.45	1.8	85.4	60	125	
Bi (IS)	209	He	301426.41	0.5	86.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 152_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:44:19

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.030	ug/l	46.4	0.8	-0.8	0.8	
B	11	6	No Gas	11.503	ug/l	4.1	40	-40	40	
Na	23	45	He	72.525	ug/l	14.9	500	-500	500	
Mg	24	45	He	4.001	ug/l	21.5	200	-200	200	
Al	27	45	He	24.146	ug/l	23.0	40	-40	40	
K	39	45	He	126.646	ug/l	19.1	200	-200	200	
Ca	40	45	H2	5.616	ug/l	33.7	500	-500	500	
Ti	47	45	He	-0.162	ug/l	N/A	4	-4	4	
V	51	45	He	1.453	ug/l	15.3	4	-4	4	
Cr	52	45	He	-0.053	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.822	ug/l	38.2	8	-8	8	
Fe	56	45	H2	3.460	ug/l	31.8	60	-60	60	
Co	59	45	He	-0.042	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.093	ug/l	47.3	4	-4	4	
Cu	63	45	He	0.073	ug/l	73.1	4	-4	4	
Zn	66	45	He	-1.347	ug/l	N/A	16	-16	16	
As	75	45	He	0.171	ug/l	77.7	2	-2	2	
Se	78	45	H2	-0.010	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	0.019	ug/l	378.8	4	-4	4	
Mo	95	115	He	0.010	ug/l	269.0	4	-4	4	
Ag	107	115	He	0.007	ug/l	57.8	2	-2	2	
Cd	111	115	He	-0.011	ug/l	0.0	2	-2	2	
Sn	118	115	He	-0.069	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.028	ug/l	93.0	2	-2	2	
Ba	135	159	He	0.056	ug/l	151.4	4	-4	4	
Tl	205	209	He	-0.090	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.065	ug/l	23.4				
[Pb]	207	209	He	0.033	ug/l	42.6				
Pb	208	209	He	0.068	ug/l	16.1	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1925919.28	1.8	102.1	60	125	
Sc (ISICPMS)	45	H2	951222.11	2.1	90.9	60	125	
Sc (ISICPMS)	45	He	33582.27	2.1	82.3	60	125	
Ge (IS)	74	H2	155567.47	0.8	85.2	60	125	
Ge (IS)	74	He	19744.60	0.9	83.9	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	51987.45	0.8	82.6	60	125	
Tb (IS)	159	He	333385.36	1.2	85.5	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	304101.82	0.9	87.7	60	125	

Sample Report

File Name 153SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:46:31

Sample Name **460-233043-H-3-A**

Comment ---

Dilution **1.0000**

Vial # 3206

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.041	ug/l	78.2	2000	
B	11	6	No Gas	241.445	ug/l	4.0	500	
Na	23	45	He	219612.998	ug/l	1.1	500000	
Mg	24	45	He	26419.140	ug/l	1.6	500000	
Al	27	45	He	221.648	ug/l	2.9	200000	
K	39	45	He	24228.176	ug/l	1.1	500000	
Ca	40	45	H2	476608.212	ug/l	0.3	500000	>LDR 200.8
Ti	47	45	He	10.332	ug/l	10.7	5000	
V	51	45	He	2.094	ug/l	0.4	5000	
Cr	52	45	He	1.174	ug/l	13.3	20000	
Mn	55	45	He	7878.714	ug/l	0.8	10000	
Fe	56	45	H2	1621.385	ug/l	1.7	500000	
Co	59	45	He	0.210	ug/l	28.6	2000	
Ni	60	45	He	1.543	ug/l	12.3	20000	
Cu	63	45	He	1.001	ug/l	6.7	20000	
Zn	66	45	He	3.226	ug/l	16.2	20000	
As	75	45	He	1.153	ug/l	10.4	5000	
Se	78	45	H2	0.022	ug/l	859.3	2000	
Sr	88	115	He	2586.959	ug/l	1.2	5000	
Mo	95	115	He	0.125	ug/l	13.8	2000	
Ag	107	115	He	-0.005	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.134	ug/l	88.6	200	
Sb	121	115	He	0.082	ug/l	20.9	200	
Ba	135	159	He	61.766	ug/l	5.1	20000	
Tl	205	209	He	-0.103	ug/l	N/A	1000	
[Pb]	206	209	He	2.865	ug/l	3.1		
[Pb]	207	209	He	2.505	ug/l	7.3		
Pb	208	209	He	2.710	ug/l	2.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1789378.29	2.2	94.9	60	125	
Sc (ISICPMS)	45	H2	885992.23	0.3	84.6	60	125	
Sc (ISICPMS)	45	He	32614.24	0.3	79.9	60	125	
Ge (IS)	74	H2	168067.56	1.2	92.0	60	125	
Ge (IS)	74	He	21522.35	0.6	91.5	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	50451.14	1.3	80.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	326009.62	0.6	83.6	60	125	
Bi (IS)	209	He	286132.57	0.2	82.5	60	125	

Sample Report

File Name 154SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:48:41

Sample Name **460-233043-H-4-A**

Comment ---

Dilution **1.0000**

Vial # 3207

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.017	ug/l	65.6	2000	
B	11	6	No Gas	46.152	ug/l	1.3	500	
Na	23	45	He	7652.571	ug/l	1.2	500000	
Mg	24	45	He	1759.597	ug/l	1.7	500000	
Al	27	45	He	168.101	ug/l	7.4	200000	
K	39	45	He	1535.247	ug/l	4.0	500000	
Ca	40	45	H2	20996.598	ug/l	3.4	500000	
Ti	47	45	He	2.710	ug/l	88.4	5000	
V	51	45	He	2.020	ug/l	11.1	5000	
Cr	52	45	He	0.638	ug/l	48.5	20000	
Mn	55	45	He	3.339	ug/l	15.6	10000	
Fe	56	45	H2	107.885	ug/l	4.7	500000	
Co	59	45	He	-0.010	ug/l	N/A	2000	
Ni	60	45	He	1.008	ug/l	23.7	20000	
Cu	63	45	He	0.950	ug/l	9.2	20000	
Zn	66	45	He	-0.073	ug/l	N/A	20000	
As	75	45	He	0.637	ug/l	12.8	5000	
Se	78	45	H2	0.592	ug/l	12.3	2000	
Sr	88	115	He	104.205	ug/l	2.9	5000	
Mo	95	115	He	0.171	ug/l	70.1	2000	
Ag	107	115	He	-0.009	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.046	ug/l	563.6	200	
Sb	121	115	He	0.220	ug/l	23.1	200	
Ba	135	159	He	18.653	ug/l	2.5	20000	
Tl	205	209	He	-0.102	ug/l	N/A	1000	
[Pb]	206	209	He	0.235	ug/l	26.5		
[Pb]	207	209	He	0.185	ug/l	16.7		
Pb	208	209	He	0.236	ug/l	20.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1953525.25	3.0	103.6	60	125	
Sc (ISICPMS)	45	H2	927149.22	1.2	88.6	60	125	
Sc (ISICPMS)	45	He	33390.82	0.7	81.8	60	125	
Ge (IS)	74	H2	174821.54	0.3	95.7	60	125	
Ge (IS)	74	He	21886.69	2.4	93.0	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	51285.81	1.5	81.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	333846.92	2.1	85.7	60	125	
Bi (IS)	209	He	302614.15	1.9	87.3	60	125	

Sample Report

File Name 155SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:50:53

Sample Name **460-233043-H-5-A**

Comment ---

Dilution **1.0000**

Vial # 3208

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.023	ug/l	105.9	2000	
B	11	6	No Gas	158.572	ug/l	2.0	500	
Na	23	45	He	341315.623	ug/l	1.5	500000	
Mg	24	45	He	36927.966	ug/l	1.6	500000	
Al	27	45	He	155.749	ug/l	12.1	200000	
K	39	45	He	18901.322	ug/l	1.7	500000	
Ca	40	45	H2	549674.173	ug/l	1.5	500000	>LDR 6020B□>LDR 200.8
Ti	47	45	He	5.628	ug/l	15.1	5000	
V	51	45	He	1.462	ug/l	10.6	5000	
Cr	52	45	He	0.680	ug/l	10.1	20000	
Mn	55	45	He	7809.957	ug/l	0.8	10000	
Fe	56	45	H2	10590.682	ug/l	2.4	500000	
Co	59	45	He	1.827	ug/l	0.7	2000	
Ni	60	45	He	3.818	ug/l	4.2	20000	
Cu	63	45	He	1.093	ug/l	3.6	20000	
Zn	66	45	He	8.094	ug/l	6.0	20000	
As	75	45	He	2.332	ug/l	27.0	5000	
Se	78	45	H2	0.291	ug/l	29.9	2000	
Sr	88	115	He	3033.605	ug/l	1.4	5000	
Mo	95	115	He	0.809	ug/l	16.2	2000	
Ag	107	115	He	-0.016	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.058	ug/l	333.8	200	
Sb	121	115	He	0.098	ug/l	33.7	200	
Ba	135	159	He	34.386	ug/l	3.0	20000	
Tl	205	209	He	-0.099	ug/l	N/A	1000	
[Pb]	206	209	He	0.321	ug/l	9.0		
[Pb]	207	209	He	0.370	ug/l	19.3		
Pb	208	209	He	0.337	ug/l	2.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1837927.94	1.5	97.5	60	125	
Sc (ISICPMS)	45	H2	879743.60	1.4	84.0	60	125	
Sc (ISICPMS)	45	He	32396.08	0.2	79.4	60	125	
Ge (IS)	74	H2	163528.35	1.0	89.6	60	125	
Ge (IS)	74	He	20813.93	3.4	88.5	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	49788.90	1.0	79.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	325561.48	0.3	83.5	60	125	
Bi (IS)	209	He	284488.45	0.5	82.0	60	125	

Sample Report

File Name 156SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:53:03

Sample Name **460-233043-H-6-A**

Comment ---

Dilution **1.0000**

Vial # 3209

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.041	ug/l	53.1	2000	
B	11	6	No Gas	99.631	ug/l	3.9	500	
Na	23	45	He	13038090.652	ug/l	2.0	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	59149.581	ug/l	1.0	500000	
Al	27	45	He	300.040	ug/l	6.0	200000	
K	39	45	He	26730.230	ug/l	1.9	500000	
Ca	40	45	H2	887479.872	ug/l	2.7	500000	>LDR 6020B□>LDR 200.8
Ti	47	45	He	15.203	ug/l	32.8	5000	
V	51	45	He	1.707	ug/l	11.8	5000	
Cr	52	45	He	1.531	ug/l	6.8	20000	
Mn	55	45	He	10408.819	ug/l	1.3	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	12864.623	ug/l	3.6	500000	
Co	59	45	He	1.425	ug/l	1.8	2000	
Ni	60	45	He	9.624	ug/l	5.2	20000	
Cu	63	45	He	4.868	ug/l	5.4	20000	
Zn	66	45	He	20.022	ug/l	8.8	20000	
As	75	45	He	2.783	ug/l	13.5	5000	
Se	78	45	H2	0.115	ug/l	69.5	2000	
Sr	88	115	He	3911.216	ug/l	1.3	5000	
Mo	95	115	He	1.159	ug/l	10.4	2000	
Ag	107	115	He	0.015	ug/l	105.6	100	
Cd	111	115	He	0.261	ug/l	46.1	5000	
Sn	118	115	He	0.189	ug/l	82.9	200	
Sb	121	115	He	0.268	ug/l	40.0	200	
Ba	135	159	He	520.629	ug/l	2.2	20000	
Tl	205	209	He	-0.080	ug/l	N/A	1000	
[Pb]	206	209	He	68.342	ug/l	1.2		
[Pb]	207	209	He	63.684	ug/l	0.6		
Pb	208	209	He	65.587	ug/l	1.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1643851.50	2.0	87.2	60	125	
Sc (ISICPMS)	45	H2	810878.58	0.4	77.4	60	125	
Sc (ISICPMS)	45	He	31983.89	2.4	78.4	60	125	
Ge (IS)	74	H2	156626.21	0.6	85.8	60	125	
Ge (IS)	74	He	20690.27	1.4	87.9	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	47443.46	0.6	75.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	300257.44	0.2	77.0	60	125	
Bi (IS)	209	He	251314.36	1.4	72.5	60	125	

Sample Report

File Name 157SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:55:14

Sample Name **460-233043-H-7-A**

Comment ---

Dilution **1.0000**

Vial # 3210

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.063	ug/l	36.2	2000	
B	11	6	No Gas	48.149	ug/l	2.6	500	
Na	23	45	He	105355.013	ug/l	1.5	500000	
Mg	24	45	He	22404.508	ug/l	1.2	500000	
Al	27	45	He	291.517	ug/l	4.1	200000	
K	39	45	He	11120.809	ug/l	2.1	500000	
Ca	40	45	H2	223601.993	ug/l	1.0	500000	
Ti	47	45	He	15.483	ug/l	24.1	5000	
V	51	45	He	2.753	ug/l	5.6	5000	
Cr	52	45	He	1.435	ug/l	28.7	20000	
Mn	55	45	He	2057.942	ug/l	0.4	10000	
Fe	56	45	H2	402.114	ug/l	3.3	500000	
Co	59	45	He	1.804	ug/l	6.2	2000	
Ni	60	45	He	5.753	ug/l	3.9	20000	
Cu	63	45	He	3.031	ug/l	4.4	20000	
Zn	66	45	He	65.920	ug/l	2.2	20000	
As	75	45	He	2.085	ug/l	12.3	5000	
Se	78	45	H2	0.090	ug/l	211.2	2000	
Sr	88	115	He	872.917	ug/l	2.7	5000	
Mo	95	115	He	1.762	ug/l	6.1	2000	
Ag	107	115	He	-0.005	ug/l	N/A	100	
Cd	111	115	He	0.002	ug/l	1221.5	5000	
Sn	118	115	He	0.262	ug/l	29.3	200	
Sb	121	115	He	0.270	ug/l	5.1	200	
Ba	135	159	He	92.357	ug/l	4.5	20000	
Tl	205	209	He	-0.103	ug/l	N/A	1000	
[Pb]	206	209	He	0.692	ug/l	10.1		
[Pb]	207	209	He	0.569	ug/l	8.2		
Pb	208	209	He	0.617	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1992296.90	1.1	105.6	60	125	
Sc (ISICPMS)	45	H2	916898.42	3.0	87.6	60	125	
Sc (ISICPMS)	45	He	34088.96	0.5	83.5	60	125	
Ge (IS)	74	H2	174569.76	0.8	95.6	60	125	
Ge (IS)	74	He	22284.25	1.5	94.7	60	125	
Kr	83	He	6.67	173.2	50.0			
In-1	115	He	53882.24	1.0	85.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	341307.91	0.3	87.6	60	125	
Bi (IS)	209	He	304476.85	0.9	87.8	60	125	

Sample Report

File Name 158SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:57:25

Sample Name **460-233043-H-8-A**

Comment ---

Dilution **1.0000**

Vial # 3211

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.198	ug/l	10.8	2000	
B	11	6	No Gas	37.525	ug/l	3.8	500	
Na	23	45	He	205713.781	ug/l	2.9	500000	
Mg	24	45	He	1190.313	ug/l	1.3	500000	
Al	27	45	He	3839.549	ug/l	1.7	200000	
K	39	45	He	1840.834	ug/l	1.5	500000	
Ca	40	45	H2	2560.150	ug/l	0.6	500000	
Ti	47	45	He	76.037	ug/l	1.4	5000	
V	51	45	He	7.348	ug/l	3.7	5000	
Cr	52	45	He	6.455	ug/l	1.7	20000	
Mn	55	45	He	33.646	ug/l	1.6	10000	
Fe	56	45	H2	2450.113	ug/l	1.3	500000	
Co	59	45	He	1.248	ug/l	9.5	2000	
Ni	60	45	He	4.367	ug/l	1.6	20000	
Cu	63	45	He	9.930	ug/l	3.7	20000	
Zn	66	45	He	15.458	ug/l	7.5	20000	
As	75	45	He	1.392	ug/l	24.8	5000	
Se	78	45	H2	0.087	ug/l	140.7	2000	
Sr	88	115	He	15.523	ug/l	3.4	5000	
Mo	95	115	He	3.042	ug/l	9.3	2000	
Ag	107	115	He	0.006	ug/l	128.0	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	0.225	ug/l	109.5	200	
Sb	121	115	He	0.630	ug/l	12.4	200	
Ba	135	159	He	17.771	ug/l	8.5	20000	
Tl	205	209	He	-0.063	ug/l	N/A	1000	
[Pb]	206	209	He	4.768	ug/l	4.2		
[Pb]	207	209	He	4.602	ug/l	2.0		
Pb	208	209	He	4.660	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2003308.44	3.8	106.2	60	125	
Sc (ISICPMS)	45	H2	923086.56	2.9	88.2	60	125	
Sc (ISICPMS)	45	He	34406.42	0.2	84.3	60	125	
Ge (IS)	74	H2	170253.83	1.8	93.2	60	125	
Ge (IS)	74	He	21953.40	2.6	93.3	60	125	
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	53097.84	1.9	84.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	335897.06	1.9	86.2	60	125	
Bi (IS)	209	He	305814.35	1.6	88.2	60	125	

Sample Report

File Name 159SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 13:59:34

Sample Name **460-232485-A-15-B**

Comment ---

Dilution **1.0000**

Vial # 2508

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.294	ug/l	8.5	2000	
B	11	6	No Gas	9.012	ug/l	2.6	500	
Na	23	45	He	4575.171	ug/l	3.3	500000	
Mg	24	45	He	258.430	ug/l	4.2	500000	
Al	27	45	He	41204.702	ug/l	1.7	200000	
K	39	45	He	334.538	ug/l	6.7	500000	
Ca	40	45	H2	779.414	ug/l	0.5	500000	
Ti	47	45	He	274.710	ug/l	15.5	5000	
V	51	45	He	102.190	ug/l	1.8	5000	
Cr	52	45	He	66.030	ug/l	3.2	20000	
Mn	55	45	He	10.634	ug/l	12.4	10000	
Fe	56	45	H2	2082.295	ug/l	2.1	500000	
Co	59	45	He	0.926	ug/l	4.2	2000	
Ni	60	45	He	5.495	ug/l	6.6	20000	
Cu	63	45	He	11.396	ug/l	2.8	20000	
Zn	66	45	He	3.111	ug/l	32.6	20000	
As	75	45	He	1.939	ug/l	11.8	5000	
Se	78	45	H2	0.482	ug/l	32.8	2000	
Sr	88	115	He	41.753	ug/l	3.7	5000	
Mo	95	115	He	5.904	ug/l	6.6	2000	
Ag	107	115	He	0.045	ug/l	4.0	100	
Cd	111	115	He	0.058	ug/l	110.4	5000	
Sn	118	115	He	9.889	ug/l	5.7	200	
Sb	121	115	He	0.070	ug/l	48.5	200	
Ba	135	159	He	65.785	ug/l	2.6	20000	
Tl	205	209	He	-0.087	ug/l	N/A	1000	
[Pb]	206	209	He	11.953	ug/l	2.8		
[Pb]	207	209	He	10.528	ug/l	3.6		
Pb	208	209	He	11.289	ug/l	0.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2094000.80	2.2	111.0	60	125	
Sc (ISICPMS)	45	H2	988474.22	1.0	94.4	60	125	
Sc (ISICPMS)	45	He	34855.37	2.2	85.4	60	125	
Ge (IS)	74	H2	169650.58	0.9	92.9	60	125	
Ge (IS)	74	He	21716.26	1.3	92.3	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	52511.84	2.5	83.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	338355.71	1.0	86.8	60	125	
Bi (IS)	209	He	305580.50	0.6	88.1	60	125	

Sample Report

File Name 160SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 14:01:45

Sample Name **460-232485-A-16-B**

Comment ---

Dilution **1.0000**

Vial # 2509

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.465	ug/l	13.2	2000	
B	11	6	No Gas	17.390	ug/l	3.9	500	
Na	23	45	He	3431.709	ug/l	1.8	500000	
Mg	24	45	He	95.221	ug/l	5.9	500000	
Al	27	45	He	45780.814	ug/l	0.7	200000	
K	39	45	He	956.462	ug/l	1.9	500000	
Ca	40	45	H2	463.346	ug/l	2.8	500000	
Ti	47	45	He	1527.725	ug/l	2.4	5000	
V	51	45	He	624.665	ug/l	2.1	5000	
Cr	52	45	He	15.688	ug/l	5.3	20000	
Mn	55	45	He	4.928	ug/l	8.3	10000	
Fe	56	45	H2	1979.495	ug/l	0.7	500000	
Co	59	45	He	1.798	ug/l	5.8	2000	
Ni	60	45	He	7.420	ug/l	4.2	20000	
Cu	63	45	He	15.463	ug/l	1.8	20000	
Zn	66	45	He	3.932	ug/l	26.0	20000	
As	75	45	He	6.920	ug/l	8.5	5000	
Se	78	45	H2	0.150	ug/l	79.5	2000	
Sr	88	115	He	62.963	ug/l	1.9	5000	
Mo	95	115	He	10.029	ug/l	5.6	2000	
Ag	107	115	He	0.018	ug/l	39.9	100	
Cd	111	115	He	0.030	ug/l	139.3	5000	
Sn	118	115	He	2.005	ug/l	19.0	200	
Sb	121	115	He	0.258	ug/l	35.2	200	
Ba	135	159	He	123.044	ug/l	2.0	20000	
Tl	205	209	He	-0.085	ug/l	N/A	1000	
[Pb]	206	209	He	31.524	ug/l	1.7		
[Pb]	207	209	He	29.336	ug/l	2.2		
Pb	208	209	He	30.270	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2023071.79	2.6	107.3	60	125	
Sc (ISICPMS)	45	H2	943463.69	0.7	90.1	60	125	
Sc (ISICPMS)	45	He	33854.96	0.8	83.0	60	125	
Ge (IS)	74	H2	169617.94	1.0	92.9	60	125	
Ge (IS)	74	He	21619.52	3.4	91.9	60	125	
Kr	83	He	13.35	114.6	100.0			
In-1	115	He	51742.70	2.5	82.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	344306.32	2.2	88.3	60	125	
Bi (IS)	209	He	305182.64	0.9	88.0	60	125	

Sample Report

File Name 161SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 14:03:56

Sample Name **460-233043-H-2-A@10**

Comment ---

Dilution **1.0000**

Vial # 3205

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.011	ug/l	68.9	2000	
B	11	6	No Gas	46.460	ug/l	1.6	500	
Na	23	45	He	52517.950	ug/l	1.7	500000	
Mg	24	45	He	17879.419	ug/l	0.8	500000	
Al	27	45	He	83.078	ug/l	6.7	200000	
K	39	45	He	531.475	ug/l	3.7	500000	
Ca	40	45	H2	63270.292	ug/l	1.1	500000	
Ti	47	45	He	2.006	ug/l	48.7	5000	
V	51	45	He	1.069	ug/l	30.1	5000	
Cr	52	45	He	-0.022	ug/l	N/A	20000	
Mn	55	45	He	5467.434	ug/l	1.9	10000	
Fe	56	45	H2	572.388	ug/l	1.2	500000	
Co	59	45	He	0.088	ug/l	12.6	2000	
Ni	60	45	He	3.959	ug/l	7.7	20000	
Cu	63	45	He	0.379	ug/l	29.2	20000	
Zn	66	45	He	-0.455	ug/l	N/A	20000	
As	75	45	He	0.680	ug/l	64.3	5000	
Se	78	45	H2	-0.007	ug/l	N/A	2000	
Sr	88	115	He	126.463	ug/l	1.6	5000	
Mo	95	115	He	0.228	ug/l	11.7	2000	
Ag	107	115	He	-0.007	ug/l	N/A	100	
Cd	111	115	He	0.016	ug/l	149.3	5000	
Sn	118	115	He	0.011	ug/l	2158.1	200	
Sb	121	115	He	0.023	ug/l	211.4	200	
Ba	135	159	He	4.599	ug/l	15.1	20000	
Tl	205	209	He	-0.110	ug/l	N/A	1000	
[Pb]	206	209	He	0.840	ug/l	8.4		
[Pb]	207	209	He	0.848	ug/l	9.6		
Pb	208	209	He	0.844	ug/l	9.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1974091.43	1.5	104.7	60	125	
Sc (ISICPMS)	45	H2	928997.76	2.3	88.7	60	125	
Sc (ISICPMS)	45	He	34366.30	1.7	84.2	60	125	
Ge (IS)	74	H2	166539.89	1.3	91.2	60	125	
Ge (IS)	74	He	21331.95	2.9	90.7	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	52765.82	0.7	83.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	340191.19	1.0	87.3	60	125	
Bi (IS)	209	He	307708.05	0.2	88.7	60	125	

Sample Report

File Name 162SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 14:06:06

Sample Name **460-232485-A-14-B@20**

Comment ---

Dilution **1.0000**

Vial # 2507

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.867	ug/l	4.9	2000	
B	11	6	No Gas	8.049	ug/l	6.0	500	
Na	23	45	He	1190.093	ug/l	2.8	500000	
Mg	24	45	He	69.382	ug/l	2.6	500000	
Al	27	45	He	117270.559	ug/l	1.3	200000	
K	39	45	He	387.806	ug/l	5.2	500000	
Ca	40	45	H2	83.260	ug/l	1.6	500000	
Ti	47	45	He	30.894	ug/l	5.0	5000	
V	51	45	He	79.629	ug/l	3.4	5000	
Cr	52	45	He	52.304	ug/l	2.9	20000	
Mn	55	45	He	3.252	ug/l	0.7	10000	
Fe	56	45	H2	1251.582	ug/l	1.2	500000	
Co	59	45	He	3.419	ug/l	10.6	2000	
Ni	60	45	He	12.536	ug/l	1.8	20000	
Cu	63	45	He	5.699	ug/l	2.8	20000	
Zn	66	45	He	7.330	ug/l	8.9	20000	
As	75	45	He	1.256	ug/l	14.5	5000	
Se	78	45	H2	-0.032	ug/l	N/A	2000	
Sr	88	115	He	28.028	ug/l	4.3	5000	
Mo	95	115	He	0.503	ug/l	23.1	2000	
Ag	107	115	He	0.011	ug/l	58.6	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	1.423	ug/l	29.9	200	
Sb	121	115	He	0.021	ug/l	156.3	200	
Ba	135	159	He	50.698	ug/l	6.6	20000	
Tl	205	209	He	-0.110	ug/l	N/A	1000	
[Pb]	206	209	He	17.859	ug/l	2.6		
[Pb]	207	209	He	16.694	ug/l	2.6		
Pb	208	209	He	17.336	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1975484.47	2.6	104.8	60	125	
Sc (ISICPMS)	45	H2	940731.91	1.4	89.8	60	125	
Sc (ISICPMS)	45	He	34564.55	2.9	84.7	60	125	
Ge (IS)	74	H2	162500.54	0.7	89.0	60	125	
Ge (IS)	74	He	20670.09	1.3	87.8	60	125	
Kr	83	He	6.67	173.2	50.0			
In-1	115	He	52285.83	1.0	83.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	340283.09	0.3	87.3	60	125	
Bi (IS)	209	He	304597.26	0.4	87.8	60	125	

Continuing Calibration Verification (CCV)

File Name 163_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 14:08:17

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	84.265	ug/l	8.8	100	90	110	failed
B	11	6	No Gas	221.704	ug/l	5.4	250	225	275	failed
Na	23	45	He	25833.389	ug/l	2.8	25000	22500	27500	
Mg	24	45	He	26774.989	ug/l	3.8	25000	22500	27500	
Al	27	45	He	25227.477	ug/l	1.1	25000	22500	27500	
K	39	45	He	24879.325	ug/l	2.6	25000	22500	27500	
Ca	40	45	H2	24379.730	ug/l	2.0	25000	22500	27500	
Ti	47	45	He	103.149	ug/l	3.1	100	90	110	
V	51	45	He	99.086	ug/l	1.2	100	90	110	
Cr	52	45	He	98.465	ug/l	3.9	100	90	110	
Mn	55	45	He	101.361	ug/l	6.3	100	90	110	
Fe	56	45	H2	25153.387	ug/l	3.5	25000	22500	27500	
Co	59	45	He	98.274	ug/l	1.2	100	90	110	
Ni	60	45	He	102.410	ug/l	3.4	100	90	110	
Cu	63	45	He	97.372	ug/l	0.9	100	90	110	
Zn	66	45	He	243.223	ug/l	1.6	250	225	275	
As	75	45	He	98.407	ug/l	2.9	100	90	110	
Se	78	45	H2	100.452	ug/l	5.3	100	90	110	
Sr	88	115	He	94.944	ug/l	3.0	100	90	110	
Mo	95	115	He	99.014	ug/l	2.0	100	90	110	
Ag	107	115	He	50.071	ug/l	2.9	50	45	55	
Cd	111	115	He	100.216	ug/l	2.9	100	90	110	
Sn	118	115	He	103.224	ug/l	2.7	100	90	110	
Sb	121	115	He	103.623	ug/l	1.5	100	90	110	
Ba	135	159	He	95.264	ug/l	5.0	100	90	110	
Tl	205	209	He	101.164	ug/l	3.0	100	90	110	
[Pb]	206	209	He	100.469	ug/l	1.1				
[Pb]	207	209	He	99.697	ug/l	2.3				
Pb	208	209	He	101.089	ug/l	1.4	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1986799.09	2.0	105.3	60	125	
Sc (ISICPMS)	45	H2	956541.37	3.5	91.4	60	125	
Sc (ISICPMS)	45	He	33759.28	1.8	82.7	60	125	
Ge (IS)	74	H2	163587.20	1.3	89.6	60	125	
Ge (IS)	74	He	20790.41	2.8	88.4	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	13.35	43.3	100.0			
In-1	115	He	52084.57	1.6	82.7	60	125	
Tb (IS)	159	He	333992.61	0.2	85.7	60	125	
Bi (IS)	209	He	295934.45	1.8	85.3	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 164_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 14:10:25

Sample Name **CCB**

Comment ---

Dilution 1.0000

Method Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.012	ug/l	233.4	0.8	-0.8	0.8	
B	11	6	No Gas	8.250	ug/l	7.0	40	-40	40	
Na	23	45	He	314.336	ug/l	4.2	500	-500	500	
Mg	24	45	He	3.972	ug/l	37.8	200	-200	200	
Al	27	45	He	6.961	ug/l	23.0	40	-40	40	
K	39	45	He	112.502	ug/l	16.9	200	-200	200	
Ca	40	45	H2	16.709	ug/l	5.0	500	-500	500	
Ti	47	45	He	-0.484	ug/l	N/A	4	-4	4	
V	51	45	He	0.523	ug/l	64.7	4	-4	4	
Cr	52	45	He	0.037	ug/l	324.8	4	-4	4	
Mn	55	45	He	1.224	ug/l	6.9	8	-8	8	
Fe	56	45	H2	3.381	ug/l	12.7	60	-60	60	
Co	59	45	He	-0.023	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.239	ug/l	59.8	4	-4	4	
Cu	63	45	He	0.021	ug/l	1049.5	4	-4	4	
Zn	66	45	He	-2.441	ug/l	N/A	16	-16	16	
As	75	45	He	0.398	ug/l	29.6	2	-2	2	
Se	78	45	H2	0.110	ug/l	38.7	2.5	-2.5	2.5	
Sr	88	115	He	0.126	ug/l	77.0	4	-4	4	
Mo	95	115	He	0.009	ug/l	106.6	4	-4	4	
Ag	107	115	He	-0.007	ug/l	N/A	2	-2	2	
Cd	111	115	He	-0.011	ug/l	0.0	2	-2	2	
Sn	118	115	He	-0.237	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.030	ug/l	19.6	2	-2	2	
Ba	135	159	He	0.054	ug/l	308.2	4	-4	4	
Tl	205	209	He	-0.077	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.071	ug/l	45.4				
[Pb]	207	209	He	0.030	ug/l	115.9				
Pb	208	209	He	0.058	ug/l	23.6	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1964706.92	3.5	104.2	60	125	
Sc (ISICPMS)	45	H2	922018.15	1.6	88.1	60	125	
Sc (ISICPMS)	45	He	33769.35	0.2	82.8	60	125	
Ge (IS)	74	H2	156147.73	0.1	85.5	60	125	
Ge (IS)	74	He	19998.50	3.9	85.0	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	53074.16	1.8	84.3	60	125	
Tb (IS)	159	He	339779.29	1.3	87.2	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	313890.11	0.5	90.5	60	125	

Sample Report

File Name 165SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 14:12:37

Sample Name **460-233043-H-6-A@100**

Comment ---

Dilution **1.0000**

Vial # 3209

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.015	ug/l	168.2	2000	
B	11	6	No Gas	6.379	ug/l	0.8	500	
Na	23	45	He	161033.612	ug/l	1.6	500000	
Mg	24	45	He	778.133	ug/l	1.2	500000	
Al	27	45	He	14.714	ug/l	10.6	200000	
K	39	45	He	417.080	ug/l	3.4	500000	
Ca	40	45	H2	10621.004	ug/l	3.4	500000	
Ti	47	45	He	0.289	ug/l	518.8	5000	
V	51	45	He	0.564	ug/l	29.5	5000	
Cr	52	45	He	-0.039	ug/l	N/A	20000	
Mn	55	45	He	136.123	ug/l	2.9	10000	
Fe	56	45	H2	171.408	ug/l	3.9	500000	
Co	59	45	He	-0.012	ug/l	N/A	2000	
Ni	60	45	He	0.214	ug/l	31.1	20000	
Cu	63	45	He	0.173	ug/l	76.8	20000	
Zn	66	45	He	-1.726	ug/l	N/A	20000	
As	75	45	He	0.104	ug/l	84.2	5000	
Se	78	45	H2	0.015	ug/l	434.3	2000	
Sr	88	115	He	48.298	ug/l	4.0	5000	
Mo	95	115	He	0.052	ug/l	2.4	2000	
Ag	107	115	He	-0.011	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.071	ug/l	N/A	200	
Sb	121	115	He	0.043	ug/l	53.0	200	
Ba	135	159	He	5.701	ug/l	26.9	20000	
Tl	205	209	He	-0.112	ug/l	N/A	1000	
[Pb]	206	209	He	0.812	ug/l	4.1		
[Pb]	207	209	He	0.753	ug/l	4.1		
Pb	208	209	He	0.819	ug/l	5.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1953636.88	1.4	103.6	60	125	
Sc (ISICPMS)	45	H2	925436.52	4.3	88.4	60	125	
Sc (ISICPMS)	45	He	34448.79	1.0	84.4	60	125	
Ge (IS)	74	H2	162273.52	0.9	88.9	60	125	
Ge (IS)	74	He	20549.96	2.2	87.3	60	125	
Kr	83	He	10.01	100.0	75.0			
In-1	115	He	50777.18	1.8	80.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	334817.94	1.3	85.9	60	125	
Bi (IS)	209	He	300486.92	0.9	86.6	60	125	

Sample Report

File Name 166SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 14:14:48

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.013	ug/l	N/A	2000	
B	11	6	No Gas	4.305	ug/l	11.3	500	
Na	23	45	He	270.345	ug/l	3.9	500000	
Mg	24	45	He	3.696	ug/l	27.2	500000	
Al	27	45	He	5.341	ug/l	54.7	200000	
K	39	45	He	106.058	ug/l	15.3	500000	
Ca	40	45	H2	17.189	ug/l	3.0	500000	
Ti	47	45	He	-0.646	ug/l	N/A	5000	
V	51	45	He	0.532	ug/l	34.6	5000	
Cr	52	45	He	-0.005	ug/l	N/A	20000	
Mn	55	45	He	0.927	ug/l	20.9	10000	
Fe	56	45	H2	0.390	ug/l	62.1	500000	
Co	59	45	He	-0.029	ug/l	N/A	2000	
Ni	60	45	He	0.371	ug/l	34.8	20000	
Cu	63	45	He	0.072	ug/l	150.5	20000	
Zn	66	45	He	-2.044	ug/l	N/A	20000	
As	75	45	He	0.056	ug/l	204.2	5000	
Se	78	45	H2	-0.008	ug/l	N/A	2000	
Sr	88	115	He	0.032	ug/l	83.6	5000	
Mo	95	115	He	-0.002	ug/l	N/A	2000	
Ag	107	115	He	-0.005	ug/l	N/A	100	
Cd	111	115	He	-0.011	ug/l	0.0	5000	
Sn	118	115	He	-0.200	ug/l	N/A	200	
Sb	121	115	He	-0.010	ug/l	N/A	200	
Ba	135	159	He	0.053	ug/l	309.9	20000	
Tl	205	209	He	-0.108	ug/l	N/A	1000	
[Pb]	206	209	He	0.014	ug/l	62.2		
[Pb]	207	209	He	0.000	ug/l	N/A		
Pb	208	209	He	0.006	ug/l	154.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1994301.39	2.7	105.7	60	125	
Sc (ISICPMS)	45	H2	929613.34	0.9	88.8	60	125	
Sc (ISICPMS)	45	He	33731.55	2.3	82.7	60	125	
Ge (IS)	74	H2	156857.66	0.7	85.9	60	125	
Ge (IS)	74	He	19487.13	0.6	82.8	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	53404.35	1.1	84.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	342286.58	0.9	87.8	60	125	
Bi (IS)	209	He	313579.58	1.3	90.4	60	125	

Continuing Calibration Verification (CCV)

File Name 167_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 14:16:59

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9		No Gas	94.194	ug/l	1.1	100	90	110	
B	11		No Gas	240.637	ug/l	2.0	250	225	275	
Na	23	45	He	26384.155	ug/l	1.2	25000	22500	27500	
Mg	24	45	He	26715.167	ug/l	2.0	25000	22500	27500	
Al	27	45	He	25496.218	ug/l	0.3	25000	22500	27500	
K	39	45	He	24840.106	ug/l	3.1	25000	22500	27500	
Ca	40	45	H2	24734.628	ug/l	0.6	25000	22500	27500	
Ti	47	45	He	101.836	ug/l	6.0	100	90	110	
V	51	45	He	98.820	ug/l	0.4	100	90	110	
Cr	52	45	He	99.388	ug/l	3.0	100	90	110	
Mn	55	45	He	99.733	ug/l	3.0	100	90	110	
Fe	56	45	H2	25670.410	ug/l	3.0	25000	22500	27500	
Co	59	45	He	101.262	ug/l	1.0	100	90	110	
Ni	60	45	He	98.986	ug/l	2.4	100	90	110	
Cu	63	45	He	97.341	ug/l	1.7	100	90	110	
Zn	66	45	He	241.043	ug/l	3.5	250	225	275	
As	75	45	He	103.555	ug/l	3.6	100	90	110	
Se	78	45	H2	107.247	ug/l	4.1	100	90	110	
Sr	88	115	He	94.650	ug/l	1.5	100	90	110	
Mo	95	115	He	100.930	ug/l	1.5	100	90	110	
Ag	107	115	He	49.993	ug/l	1.2	50	45	55	
Cd	111	115	He	99.855	ug/l	1.3	100	90	110	
Sn	118	115	He	102.911	ug/l	2.0	100	90	110	
Sb	121	115	He	102.872	ug/l	0.8	100	90	110	
Ba	135	159	He	94.665	ug/l	1.8	100	90	110	
Tl	205	209	He	98.575	ug/l	3.6	100	90	110	
[Pb]	206	209	He	98.579	ug/l	1.1				
[Pb]	207	209	He	98.827	ug/l	2.1				
Pb	208	209	He	98.602	ug/l	1.4	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1901163.24	3.5	100.8	60	125	
Sc (ISICPMS)	45	H2	910477.77	2.6	87.0	60	125	
Sc (ISICPMS)	45	He	33307.04	1.6	81.6	60	125	
Ge (IS)	74	H2	162535.51	4.3	89.0	60	125	
Ge (IS)	74	He	20302.49	0.9	86.3	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	6.67	86.6	50.0			
In-1	115	He	50990.67	1.3	81.0	60	125	
Tb (IS)	159	He	333975.11	2.2	85.7	60	125	
Bi (IS)	209	He	300099.83	1.4	86.5	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 168_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050221.b

Acq Time 2021-05-02 14:19:09

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9		No Gas	0.045	ug/l	26.0	0.8	-0.8	0.8	
B	11		No Gas	8.856	ug/l	5.9	40	-40	40	
Na	23	45	He	254.094	ug/l	11.1	500	-500	500	
Mg	24	45	He	2.619	ug/l	31.4	200	-200	200	
Al	27	45	He	5.681	ug/l	32.0	40	-40	40	
K	39	45	He	110.331	ug/l	15.4	200	-200	200	
Ca	40	45	H2	10.335	ug/l	20.3	500	-500	500	
Ti	47	45	He	0.788	ug/l	296.5	4	-4	4	
V	51	45	He	0.558	ug/l	22.6	4	-4	4	
Cr	52	45	He	-0.110	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.584	ug/l	47.3	8	-8	8	
Fe	56	45	H2	2.896	ug/l	59.6	60	-60	60	
Co	59	45	He	-0.024	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.316	ug/l	59.0	4	-4	4	
Cu	63	45	He	0.097	ug/l	135.9	4	-4	4	
Zn	66	45	He	-1.966	ug/l	N/A	16	-16	16	
As	75	45	He	0.230	ug/l	84.0	2	-2	2	
Se	78	45	H2	-0.052	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	0.081	ug/l	179.3	4	-4	4	
Mo	95	115	He	0.015	ug/l	1.7	4	-4	4	
Ag	107	115	He	0.014	ug/l	97.9	2	-2	2	
Cd	111	115	He	0.002	ug/l	1139.8	2	-2	2	
Sn	118	115	He	-0.077	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.030	ug/l	70.0	2	-2	2	
Ba	135	159	He	0.103	ug/l	142.0	4	-4	4	
Tl	205	209	He	-0.077	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.052	ug/l	35.5				
[Pb]	207	209	He	0.026	ug/l	165.8				
Pb	208	209	He	0.039	ug/l	40.3	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1972055.02	1.9	104.6	60	125	
Sc (ISICPMS)	45	H2	923299.70	2.0	88.2	60	125	
Sc (ISICPMS)	45	He	33495.27	2.9	82.1	60	125	
Ge (IS)	74	H2	155922.01	1.7	85.4	60	125	
Ge (IS)	74	He	20021.79	4.3	85.1	60	125	
Kr	83	He	3.34	173.2	25.0			
In-1	115	He	52926.67	0.7	84.1	60	125	
Tb (IS)	159	He	337708.49	1.3	86.6	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	307969.32	2.1	88.8	60	125	

US EPA Tune Check Report

Operator Name	ediicpms4
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\NM050221.b
Acq. Date-Time	2021-05-02 07:56:12
Report Comment	EPA TUNE REPORT
Instrument Name	G8421A SG18143095

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9	10.00	1344	13444.44	0.00		1.294	5.000
24	10.00	4314	43138.60	0.00		2.156	5.000
25	10.00	595	5951.41	0.00		2.029	5.000
26	10.00	707	7072.04	0.00		1.373	5.000
59	10.00	7205	72049.79	0.00		2.392	5.000
115	10.00	10166	101655.02	0.00		1.759	5.000
206	10.00	3423	34230.46	0.00		1.946	5.000
207	10.00	3022	30216.07	0.00		1.480	5.000
208	10.00	7359	73585.08	0.00		0.894	5.000

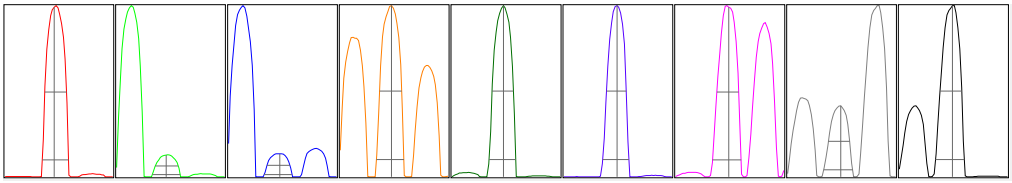
Mass	RSD% (Flag)
9	
24	
25	
26	
59	
115	
206	
207	
208	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	1334	1331	1333	1354	1371
24	4415	4242	4391	4323	4199
25	609	600	596	576	593
26	714	709	716	692	705
59	7009	7286	7029	7373	7327
115	10132	9925	10350	10334	10086
206	3446	3385	3511	3334	3440
207	2985	3040	3051	2964	3067
208	7365	7389	7265	7333	7441

Integration Time [sec] 0.1

Resolution/Axis

US EPA Tune Check Report



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	2379.09	8.90	8.90 - 9.10	
24	7299.19	23.90	23.90 - 24.10	
25	987.66	24.95	24.90 - 25.10	
26	1221.30	25.95	25.90 - 26.10	
59	12987.45	58.95	58.90 - 59.10	
115	19484.21	115.00	114.90 - 115.10	
206	5898.99	206.00	205.90 - 206.10	
207	5355.65	207.00	206.90 - 207.10	
208	12882.06	208.00	207.90 - 208.10	

Mass	W-50%	W-10%	W-10% (Required)	W-10% (Flag)
9	0.59	0.717	0.900	
24	0.62	0.762	0.900	
25	0.63	0.761	0.900	
26	0.61	0.749	0.900	
59	0.58	0.730	0.900	
115	0.54	0.718	0.900	
206	0.60	0.781	0.900	
207	0.58	0.784	0.900	
208	0.59	0.791	0.900	

Integration Time [sec]	0.1
Acquisition Time [sec]	198.999999999998
Y Axis	Linear

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.56 L/min	Dilution Gas	0.33 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.6 V	Deflect	9.6 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V

US EPA Tune Check Report

He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	0.0 mL/min	OctP RF	190 V		

QP Parameters

Mass Gain	140	Axis Gain	1.0020	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

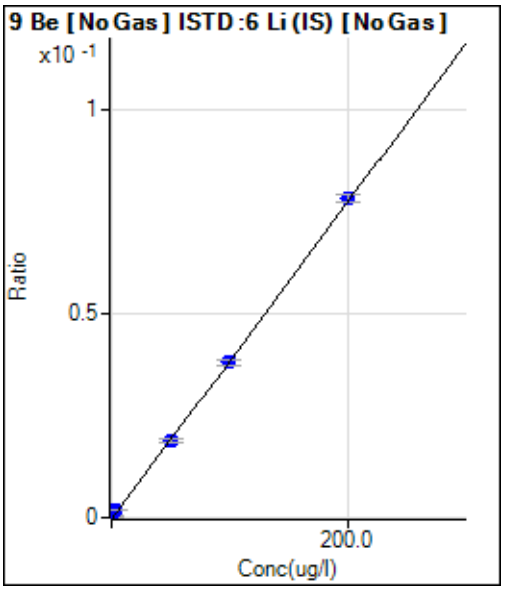
Torch H	0.0 mm	Torch V	-0.3 mm		

EM

Discriminator	3.5 mV	Analog HV	2159 V	Pulse HV	1011 V

Batch Folder: D:\Agilent\ICPMH\1\DATA\NM050221.b\
Analysis File: NM050221.batch.bin
DA Date-Time: 2021-05-02 08:24:29
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

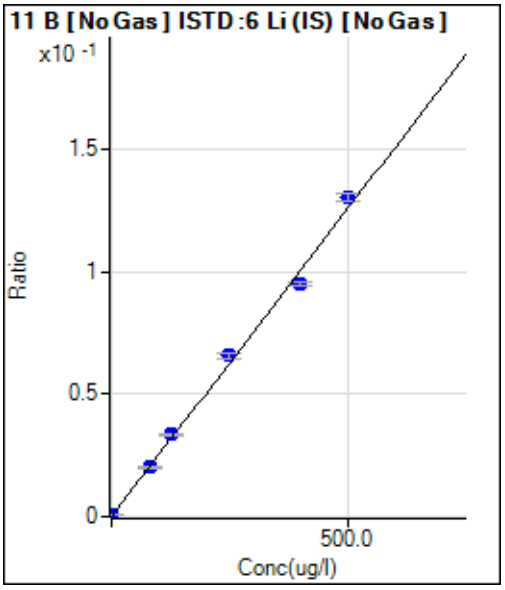
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC CAL-Blk	2021-05-02 08:11:50
2	005CALS.d	IC CAL1 8858131	2021-05-02 08:14:01
3	006CALS.d	IC CAL2 8858133	2021-05-02 08:16:13
4	007CALS.d	IC CAL3 8858135	2021-05-02 08:18:24
5	008CALS.d	IC CAL4 8858137	2021-05-02 08:20:34
6	009CALS.d	IC CAL5 8858139	2021-05-02 08:22:43



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	35.56	0.0000	P	25.7	
2	☐	0.800	0.899	702.25	0.0004	P	10.3	12.4
3	☐	4.000	4.503	3362.66	0.0018	P	3.2	12.6
4	☐	50.000	48.652	35862.05	0.0190	P	3.8	-2.7
5	☐	100.000	97.965	71357.17	0.0382	P	4.0	-2.0
6	☐	200.000	201.344	143956.73	0.0785	P	2.3	0.7

y = 3.8971E-004 * x + 1.8922E-005
R = 0.9999
DL = 0.03746 ug/l
BEC = 0.04855 ug/l

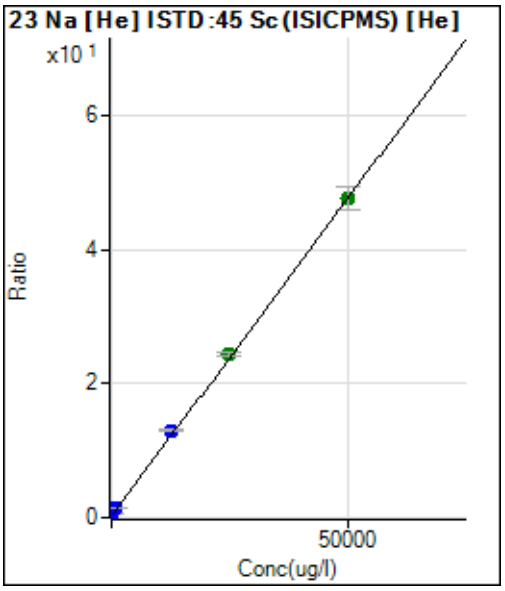
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1600.11	0.0008	P	2.9	
2	☐	80.000	77.274	38539.24	0.0203	P	2.3	-3.4
3	☐	400.000	374.448	180174.26	0.0950	P	1.3	-6.4
4	☐	125.000	129.793	63318.41	0.0335	P	2.2	3.8
5	☐	250.000	257.881	122795.41	0.0657	P	2.9	3.2
6	☐	500.000	515.739	239432.53	0.1306	P	3.0	3.1

y = 2.5149E-004 * x + 8.4873E-004
R = 0.9974
DL = 0.2935 ug/l
BEC = 3.375 ug/l

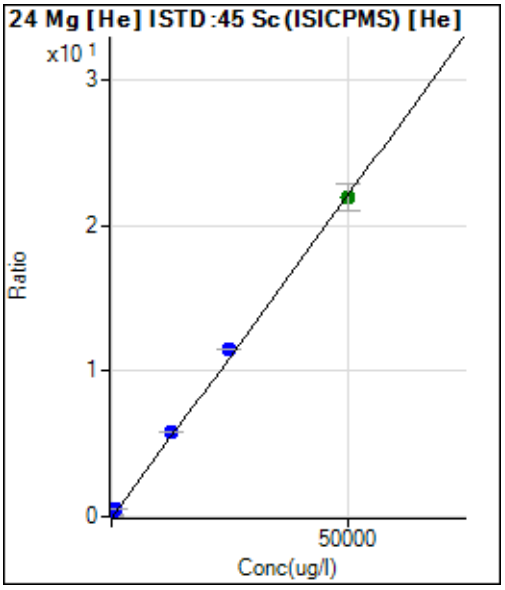
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	20393.84	0.4998	P	1.8	
2	☐	200.000	222.335	28952.13	0.7107	P	1.6	11.2
3	☐	1000.000	1089.119	60574.34	1.5330	P	0.2	8.9
4	☐	12500.000	13254.326	528217.17	13.0736	P	1.3	6.0
5	☐	25000.000	25096.120	971599.17	24.3075	A	2.5	0.4
6	☐	50000.000	49761.487	1902916.07	47.7065	A	7.1	-0.5

y = 9.4866E-004 * x + 0.4998
R = 0.9999
DL = 28.55 ug/l
BEC = 526.8 ug/l

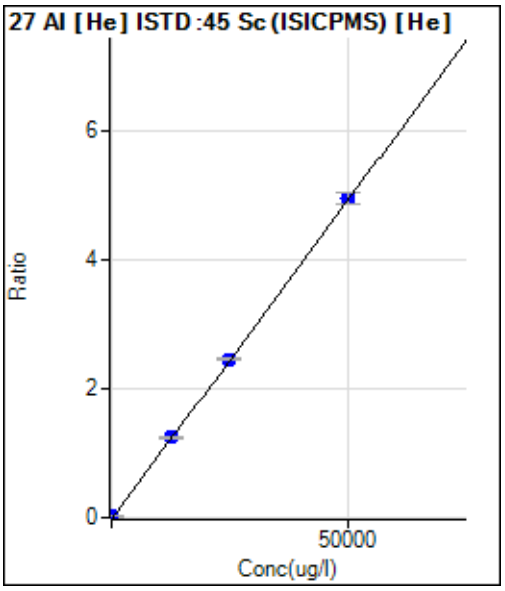
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	55.56	0.0014	P	32.8	
2	☐	200.000	214.598	3938.36	0.0967	P	2.8	7.3
3	☐	1000.000	1059.479	18648.20	0.4720	P	2.5	5.9
4	☐	12500.000	13076.021	234742.90	5.8098	P	0.6	4.6
5	☐	25000.000	25824.599	458501.55	11.4727	P	0.3	3.3
6	☐	50000.000	49442.447	875892.09	21.9638	A	8.0	-1.1

y = 4.4420E-004 * x + 0.0014
R = 0.9997
DL = 3.009 ug/l
BEC = 3.063 ug/l

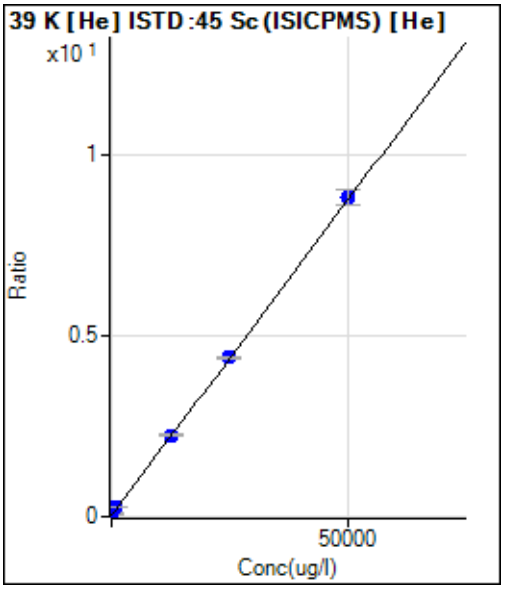
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	18.89	0.0005	P	18.0	
2	☐	40.000	42.171	188.89	0.0046	P	6.6	5.4
3	☐	200.000	208.855	835.03	0.0211	P	2.6	4.4
4	☐	12500.000	12555.127	50226.32	1.2431	P	1.5	0.4
5	☐	25000.000	24793.174	98078.84	2.4544	P	1.4	-0.8
6	☐	50000.000	50089.594	197958.02	4.9582	P	3.6	0.2

y = 9.8977E-005 * x + 4.6269E-004
R = 1.0000
DL = 2.526 ug/l
BEC = 4.675 ug/l

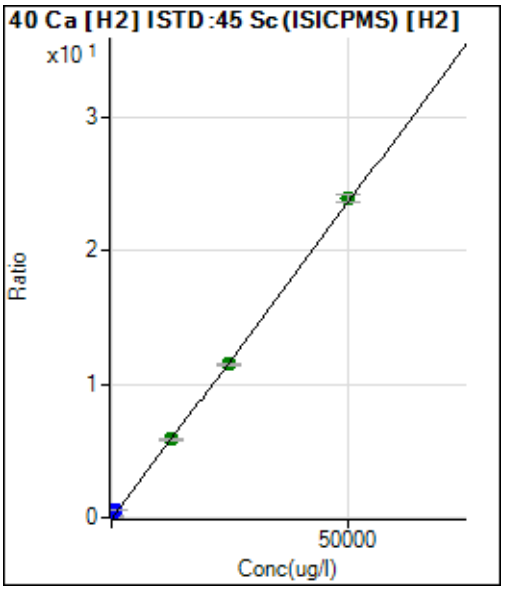
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-12.212	2971.45	0.0728	P	7.1	
2	☐	200.000	216.483	4593.01	0.1127	P	1.2	8.2
3	☐	1000.000	1011.384	9935.85	0.2514	P	2.8	1.1
4	☐	12500.000	12494.281	91124.42	2.2553	P	0.9	0.0
5	☐	25000.000	24820.306	176082.42	4.4063	P	1.3	-0.7
6	☐	50000.000	50172.495	352380.89	8.8305	P	5.4	0.3

y = 1.745090E-004 * x + 0.074946
R = 1.0000
DL = 89.04 ug/l
BEC = 429.5 ug/l

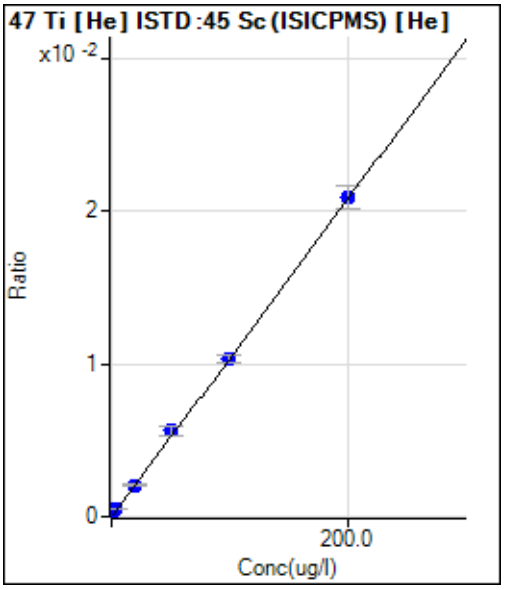
Weight: 1/y
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	18523.63	0.0177	P	1.9	
2	☐	200.000	206.591	123994.30	0.1157	P	3.5	3.3
3	☐	1000.000	1054.002	541585.91	0.5179	P	2.2	5.4
4	☐	12500.000	12375.779	6293315.32	5.8908	A	3.3	-1.0
5	☐	25000.000	24148.612	12992532.31	11.4778	A	2.1	-3.4
6	☐	50000.000	50455.643	26362834.89	23.9623	A	2.8	0.9

y = 4.7457E-004 * x + 0.0177
R = 0.9998
DL = 2.161 ug/l
BEC = 37.29 ug/l

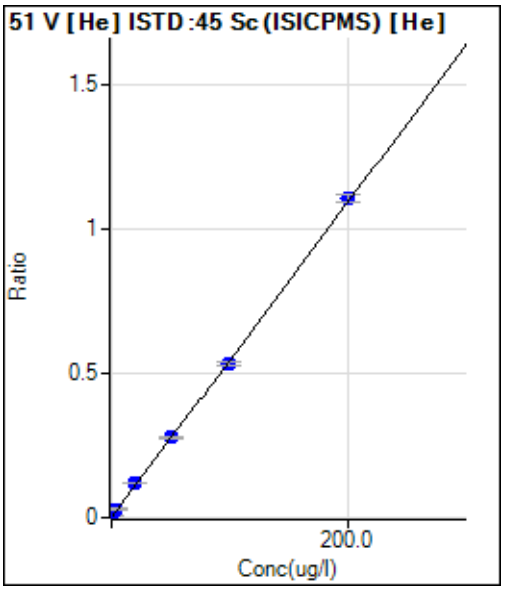
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-0.801	0.00	0.0000	P		
2	☐	4.000	4.181	21.11	0.0005	P	16.6	4.5
3	☐	20.000	18.795	80.55	0.0020	P	8.4	-6.0
4	☐	50.000	53.390	227.78	0.0056	P	10.5	6.8
5	☐	100.000	98.332	412.23	0.0103	P	4.4	-1.7
6	☐	200.000	200.104	835.58	0.0209	P	7.6	0.1

y = 1.040196E-004 * x + 8.332185E-005
R = 0.9997
DL = 0 ug/l
BEC = 0.801 ug/l

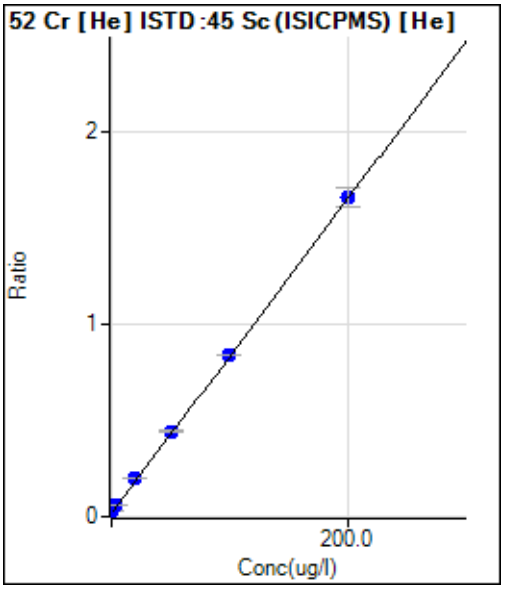
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	293.34	0.0072	P	6.5	
2	☐	4.000	4.067	1195.62	0.0294	P	6.3	1.7
3	☐	20.000	20.889	4784.20	0.1211	P	1.7	4.4
4	☐	50.000	49.856	11275.86	0.2790	P	2.6	-0.3
5	☐	100.000	96.712	21356.88	0.5345	P	2.3	-3.3
6	☐	200.000	201.589	44176.03	1.1063	P	2.8	0.8

y = 0.0055 * x + 0.0072
R = 0.9998
DL = 0.2576 ug/l
BEC = 1.318 ug/l

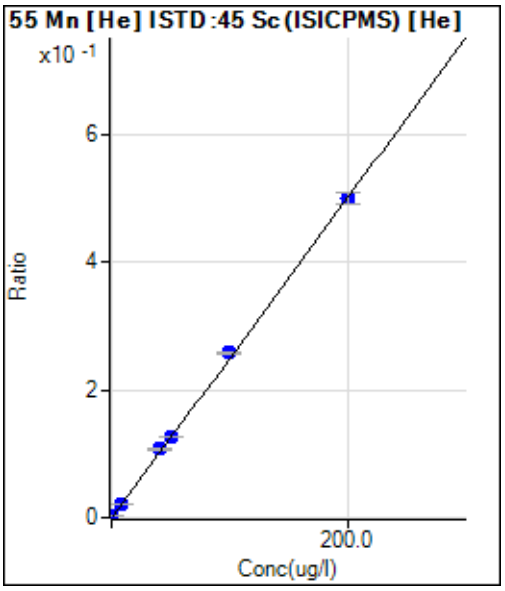
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1090.05	0.0267	P	6.1	
2	☐	4.000	4.060	2441.35	0.0599	P	3.1	1.5
3	☐	20.000	20.848	7794.48	0.1973	P	0.6	4.2
4	☐	50.000	51.003	17937.48	0.4440	P	1.1	2.0
5	☐	100.000	99.458	33581.58	0.8403	P	0.8	-0.5
6	☐	200.000	199.934	66321.57	1.6623	P	6.1	0.0

y = 0.0082 * x + 0.0267
R = 1.0000
DL = 0.5976 ug/l
BEC = 3.266 ug/l

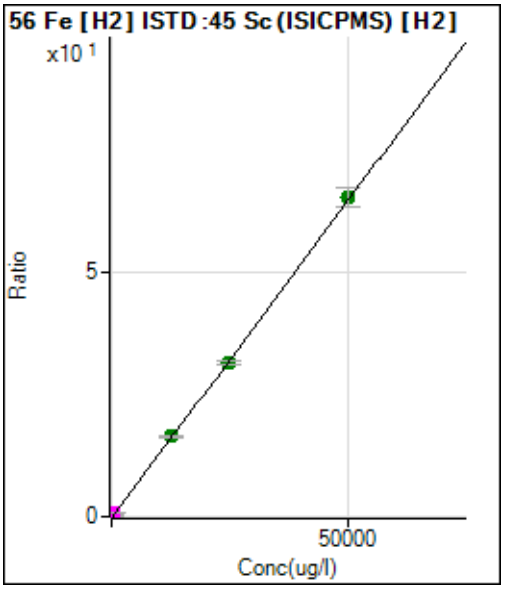
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	73.33	0.0018	P	11.9	
2	☐	8.000	7.635	854.48	0.0210	P	0.7	-4.6
3	☐	40.000	41.941	4232.92	0.1071	P	3.2	4.9
4	☐	50.000	49.828	5128.79	0.1269	P	1.7	-0.3
5	☐	100.000	102.234	10332.88	0.2586	P	0.8	2.2
6	☐	200.000	198.553	19983.68	0.5005	P	3.3	-0.7

y = 0.0025 * x + 0.0018
R = 0.9998
DL = 0.2544 ug/l
BEC = 0.7155 ug/l

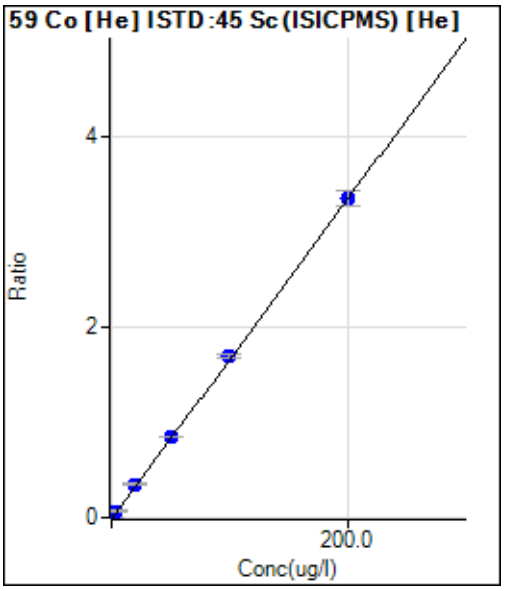
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	35122.18	0.0336	P	3.4	
2	☐	120.000	126.825	211957.51	0.1978	P	1.3	5.7
3	☐	600.000	652.227	918370.87	0.8780	M	1.2	8.7
4	☐	12500.000	12599.426	17475637.24	16.3468	A	1.6	0.8
5	☐	25000.000	24332.208	35715805.30	31.5380	A	2.2	-2.7
6	☐	50000.000	50308.396	71665619.49	65.1710	A	6.0	0.6

y = 0.0013 * x + 0.0336
R = 0.9999
DL = 2.662 ug/l
BEC = 25.92 ug/l

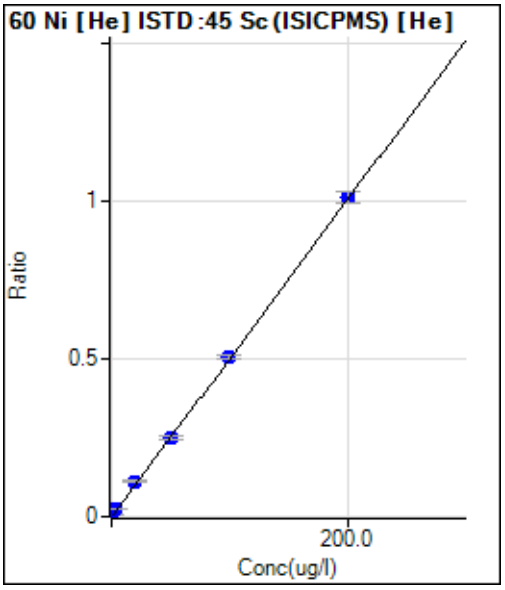
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	53.33	0.0013	P	21.3	
2	☐	4.000	4.081	2846.99	0.0699	P	2.8	2.0
3	☐	20.000	20.847	13893.87	0.3516	P	2.0	4.2
4	☐	50.000	50.436	34300.34	0.8489	P	0.3	0.9
5	☐	100.000	100.821	67761.28	1.6956	P	1.3	0.8
6	☐	200.000	199.394	133796.50	3.3522	P	4.6	-0.3

y = 0.0168 * x + 0.0013
R = 1.0000
DL = 0.04966 ug/l
BEC = 0.07773 ug/l

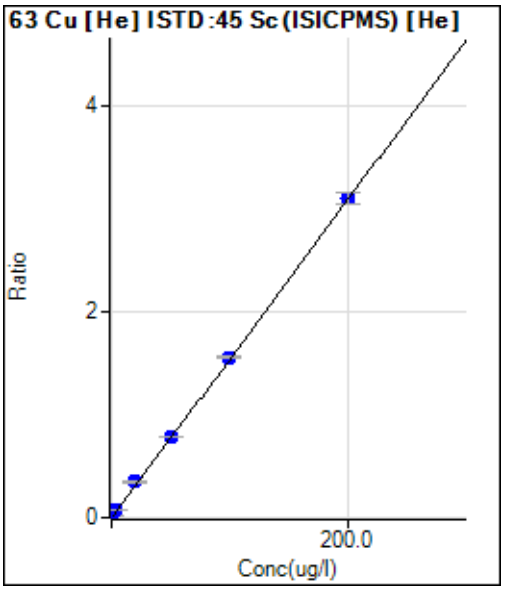
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	145.56	0.0036	P	15.4	
2	☐	4.000	4.201	1007.82	0.0247	P	6.3	5.0
3	☐	20.000	21.572	4437.43	0.1123	P	1.0	7.9
4	☐	50.000	48.801	10081.58	0.2495	P	3.0	-2.4
5	☐	100.000	99.837	20256.34	0.5068	P	2.4	-0.2
6	☐	200.000	200.220	40426.17	1.0127	P	4.2	0.1

y = 0.0050 * x + 0.0036
R = 0.9999
DL = 0.3275 ug/l
BEC = 0.7078 ug/l

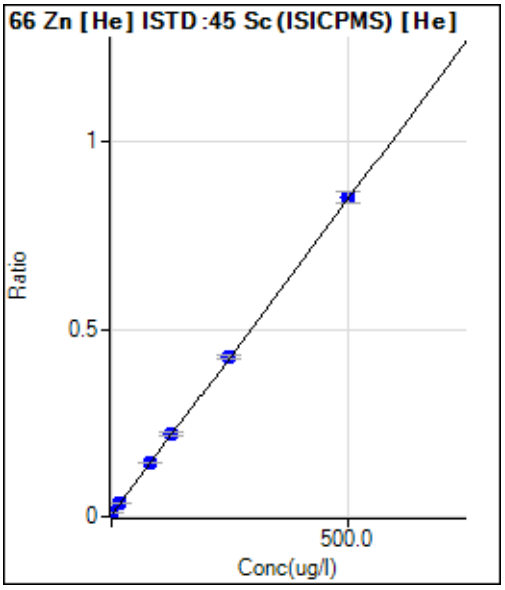
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	522.24	0.0128	P	7.3	
2	☐	4.000	4.399	3292.65	0.0808	P	4.5	10.0
3	☐	20.000	21.549	13675.94	0.3461	P	0.8	7.7
4	☐	50.000	49.885	31692.78	0.7843	P	0.7	-0.2
5	☐	100.000	99.997	62314.89	1.5594	P	1.4	0.0
6	☐	200.000	199.867	123944.48	3.1041	P	3.1	-0.1

y = 0.0155 * x + 0.0128
R = 1.0000
DL = 0.1824 ug/l
BEC = 0.8275 ug/l

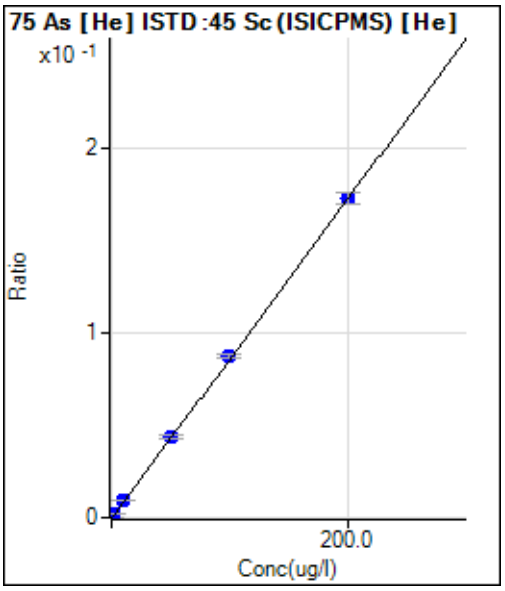
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	355.56	0.0087	P	11.7	
2	☐	16.000	16.396	1477.87	0.0363	P	8.9	2.5
3	☐	80.000	79.178	5607.87	0.1419	P	1.1	-1.0
4	☐	125.000	126.040	8917.45	0.2208	P	4.3	0.8
5	☐	250.000	247.727	17004.17	0.4255	P	1.9	-0.9
6	☐	500.000	500.995	33995.03	0.8516	P	3.8	0.2

y = 0.0017 * x + 0.0087
R = 1.0000
DL = 1.819 ug/l
BEC = 5.179 ug/l

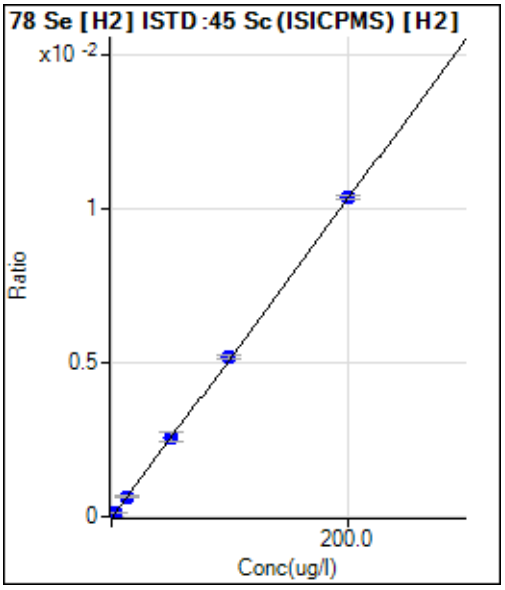
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12.78	0.0003	P	42.0	
2	☐	2.000	1.843	77.78	0.0019	P	1.3	-7.8
3	☐	10.000	10.682	377.78	0.0096	P	5.3	6.8
4	☐	50.000	50.327	1772.34	0.0439	P	4.8	0.7
5	☐	100.000	100.982	3505.46	0.0877	P	2.1	1.0
6	☐	200.000	199.395	6903.45	0.1729	P	3.1	-0.3

y = 8.6554E-004 * x + 3.1333E-004
R = 1.0000
DL = 0.456 ug/l
BEC = 0.362 ug/l

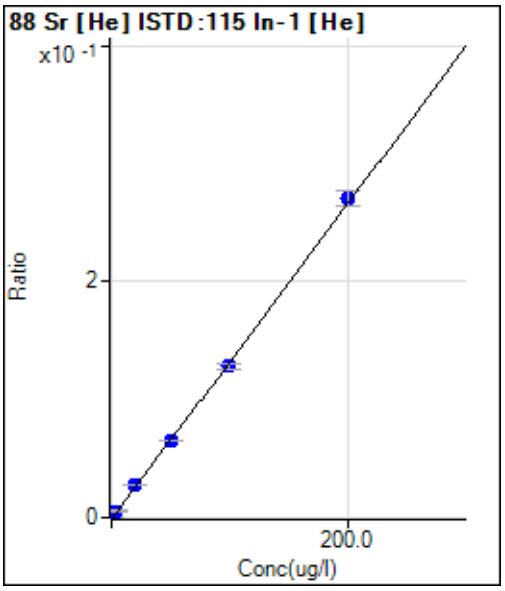
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6.67	0.0000	P	50.9	
2	☐	2.500	2.652	154.45	0.0001	P	3.1	6.1
3	☐	12.500	12.474	684.46	0.0007	P	4.2	-0.2
4	☐	50.000	49.869	2770.30	0.0026	P	10.4	-0.3
5	☐	100.000	100.066	5890.22	0.0052	P	1.8	0.1
6	☐	200.000	199.999	11423.83	0.0104	P	1.1	0.0

y = 5.1935E-005 * x + 6.3706E-006
R = 1.0000
DL = 0.1874 ug/l
BEC = 0.1227 ug/l

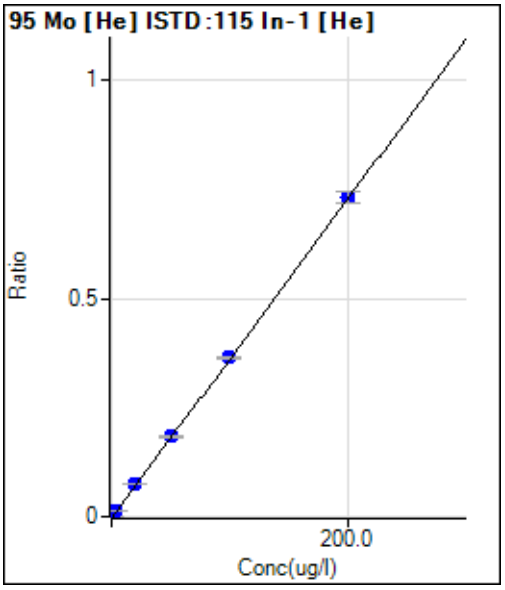
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7.78	0.0001	P	49.6	
2	☐	4.000	4.157	354.45	0.0057	P	4.9	3.9
3	☐	20.000	20.559	1710.12	0.0276	P	1.5	2.8
4	☐	50.000	48.688	4050.65	0.0653	P	1.1	-2.6
5	☐	100.000	95.687	7936.88	0.1282	P	4.1	-4.3
6	☐	200.000	202.425	16364.62	0.2710	P	5.0	1.2

y = 0.0013 * x + 1.2357E-004
R = 0.9996
DL = 0.1373 ug/l
BEC = 0.09235 ug/l

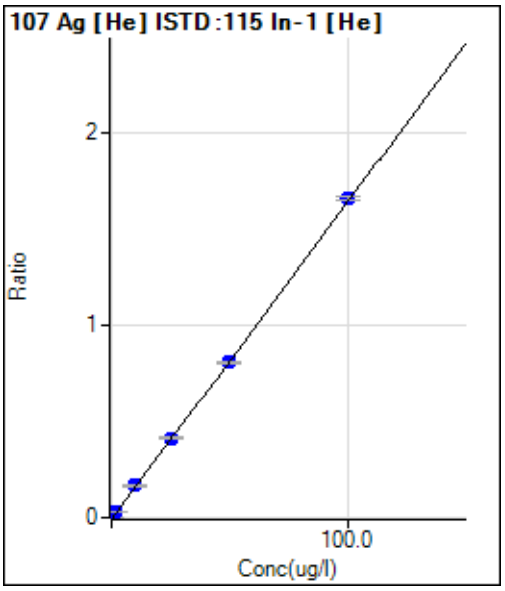
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4.44	0.0001	P	43.4	
2	☐	4.000	3.907	895.59	0.0144	P	2.6	-2.3
3	☐	20.000	20.712	4695.32	0.0759	P	2.7	3.6
4	☐	50.000	50.188	11403.91	0.1837	P	3.1	0.4
5	☐	100.000	99.587	22581.53	0.3645	P	1.3	-0.4
6	☐	200.000	200.090	44240.44	0.7324	P	3.1	0.0

y = 0.0037 * x + 7.0604E-005
R = 1.0000
DL = 0.02513 ug/l
BEC = 0.01929 ug/l

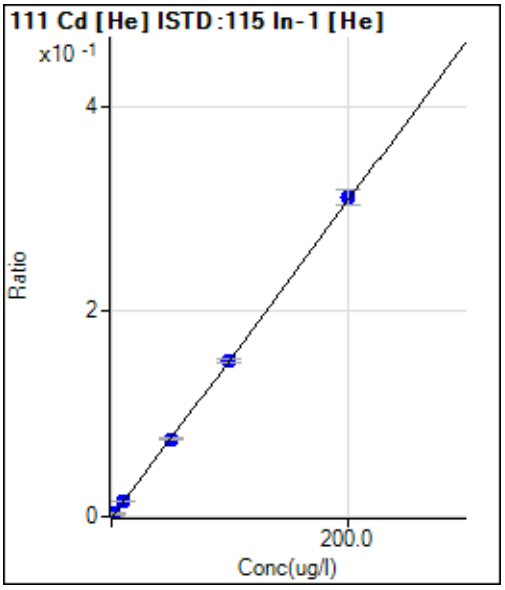
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	28.89	0.0005	P	27.8	
2	☐	2.000	1.987	2071.29	0.0332	P	1.8	-0.7
3	☐	10.000	10.045	10281.85	0.1661	P	1.9	0.5
4	☐	25.000	24.904	25518.18	0.4112	P	1.9	-0.4
5	☐	50.000	48.800	49888.00	0.8054	P	1.8	-2.4
6	☐	100.000	100.620	100328.94	1.6600	P	1.0	0.6

y = 0.0165 * x + 4.6013E-004
R = 0.9999
DL = 0.02323 ug/l
BEC = 0.0279 ug/l

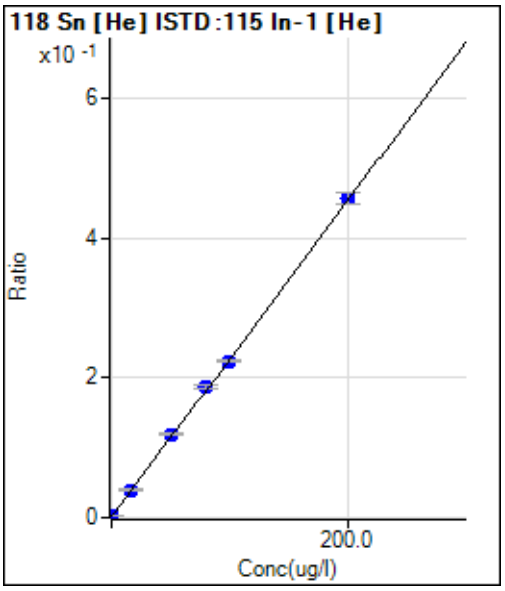
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.11	0.0000	P	173.2	
2	☐	2.000	1.855	180.00	0.0029	P	7.5	-7.3
3	☐	10.000	9.650	925.59	0.0150	P	8.2	-3.5
4	☐	50.000	48.776	4685.32	0.0755	P	2.9	-2.4
5	☐	100.000	98.170	9412.33	0.1520	P	2.8	-1.8
6	☐	200.000	201.240	18809.10	0.3115	P	4.9	0.6

y = 0.0015 * x + 1.7637E-005
R = 0.9999
DL = 0.05922 ug/l
BEC = 0.0114 ug/l

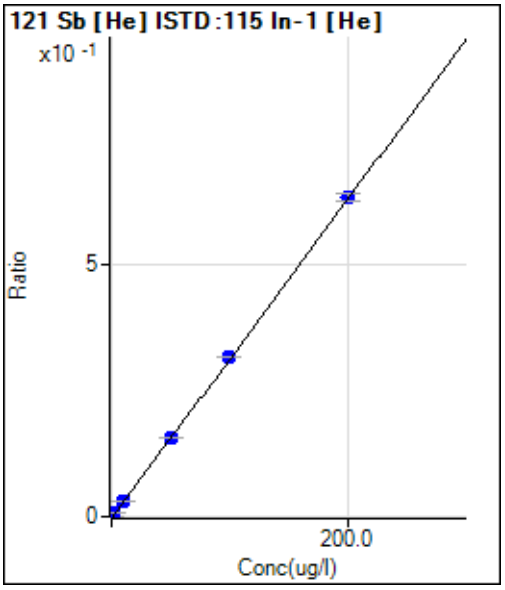
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	222.22	0.0035	P	9.6	
2	☐	16.000	15.943	2472.48	0.0397	P	3.8	-0.4
3	☐	80.000	81.305	11621.96	0.1878	P	2.1	1.6
4	☐	50.000	51.356	7441.05	0.1199	P	1.2	2.7
5	☐	100.000	97.547	13910.84	0.2246	P	0.6	-2.5
6	☐	200.000	200.370	27640.50	0.4576	P	3.6	0.2

y = 0.0023 * x + 0.0035
R = 0.9998
DL = 0.4508 ug/l
BEC = 1.558 ug/l

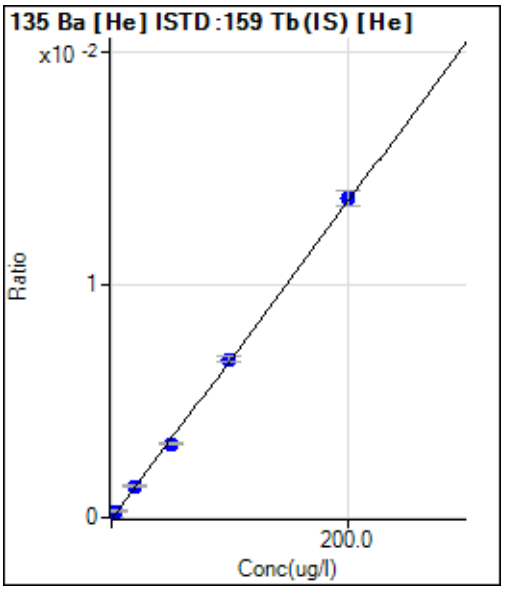
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7.22	0.0001	P	35.5	
2	☐	2.000	2.098	420.56	0.0067	P	7.7	4.9
3	☐	10.000	9.885	1940.71	0.0314	P	4.1	-1.1
4	☐	50.000	49.952	9805.36	0.1580	P	0.2	-0.1
5	☐	100.000	99.624	19512.33	0.3150	P	0.3	-0.4
6	☐	200.000	200.205	38239.71	0.6329	P	2.0	0.1

y = 0.0032 * x + 1.1492E-004
R = 1.0000
DL = 0.03876 ug/l
BEC = 0.03636 ug/l

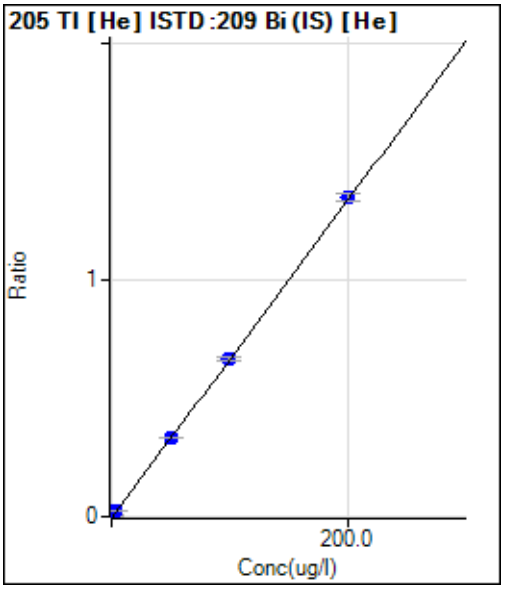
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.11	0.0000	P	173.2	
2	☐	4.000	4.018	107.78	0.0003	P	12.3	0.4
3	☐	20.000	19.692	523.35	0.0013	P	9.5	-1.5
4	☐	50.000	46.490	1246.74	0.0032	P	1.8	-7.0
5	☐	100.000	99.641	2653.62	0.0068	P	4.1	-0.4
6	☐	200.000	201.087	5281.12	0.0137	P	4.5	0.5

y = 6.8210E-005 * x + 2.8658E-006
R = 0.9998
DL = 0.2183 ug/l
BEC = 0.04201 ug/l

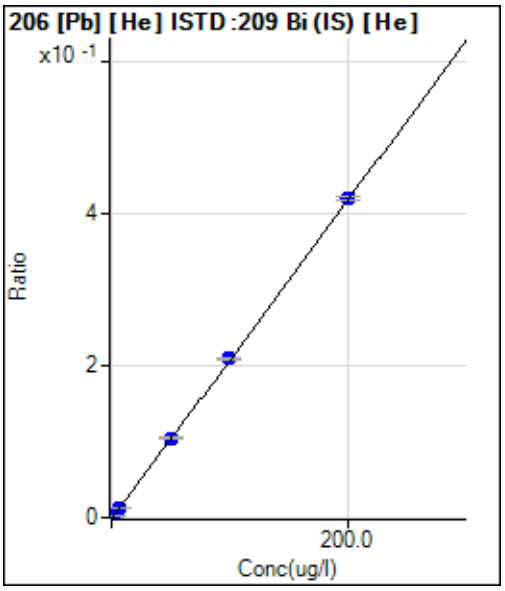
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	281.12	0.0008	P	3.3	
2	☐	0.800	0.762	2043.52	0.0059	P	5.0	-4.8
3	☐	4.000	3.933	9262.42	0.0272	P	1.1	-1.7
4	☐	50.000	49.302	112100.48	0.3321	P	1.5	-1.4
5	☐	100.000	98.729	219862.90	0.6642	P	2.3	-1.3
6	☐	200.000	200.811	437053.06	1.3502	P	2.7	0.4

y = 0.0067 * x + 8.1049E-004
R = 1.0000
DL = 0.01196 ug/l
BEC = 0.1206 ug/l

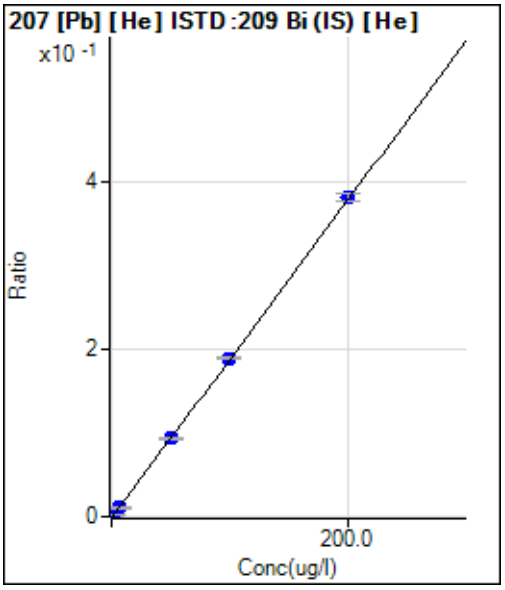
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	48.89	0.0001	P	37.3	
2	☐	1.200	1.202	915.60	0.0027	P	7.6	0.2
3	☐	6.000	5.696	4102.94	0.0121	P	0.9	-5.1
4	☐	50.000	49.887	35307.08	0.1046	P	0.9	-0.2
5	☐	100.000	99.544	69048.66	0.2086	P	0.5	-0.5
6	☐	200.000	200.265	135773.59	0.4195	P	1.2	0.1

y = 0.0021 * x + 1.4074E-004
R = 1.0000
DL = 0.07515 ug/l
BEC = 0.06722 ug/l

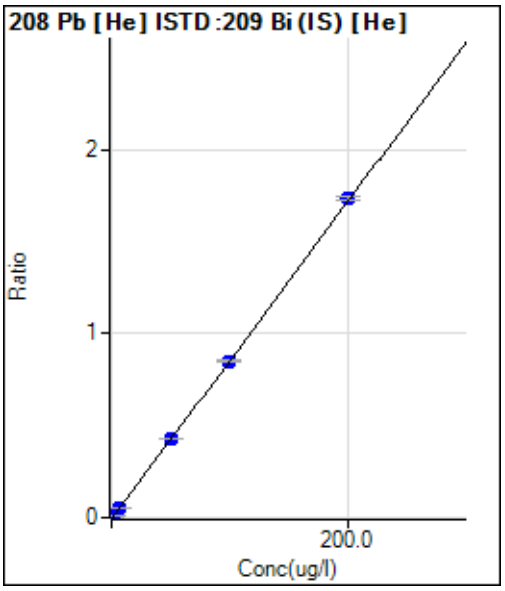
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	55.56	0.0002	P	30.1	
2	☐	1.200	1.150	807.81	0.0023	P	3.4	-4.1
3	☐	6.000	5.486	3596.11	0.0106	P	6.2	-8.6
4	☐	50.000	48.914	31399.84	0.0930	P	0.7	-2.2
5	☐	100.000	99.158	62370.34	0.1884	P	1.1	-0.8
6	☐	200.000	200.708	123402.46	0.3812	P	2.4	0.4

y = 0.0019 * x + 1.6001E-004
R = 1.0000
DL = 0.07611 ug/l
BEC = 0.08428 ug/l

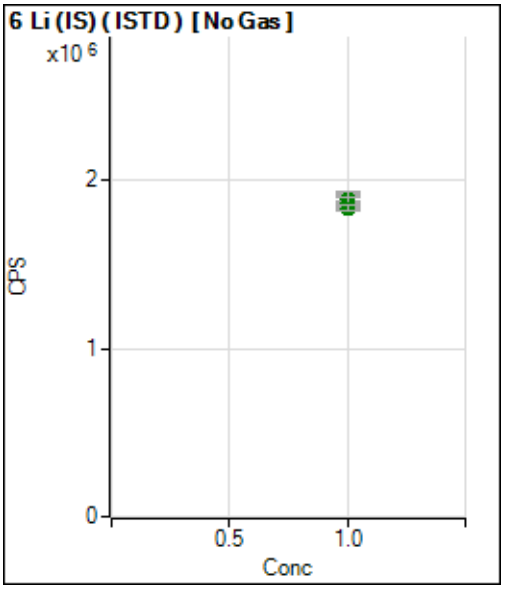
Weight: <None>
Min Conc: <None>



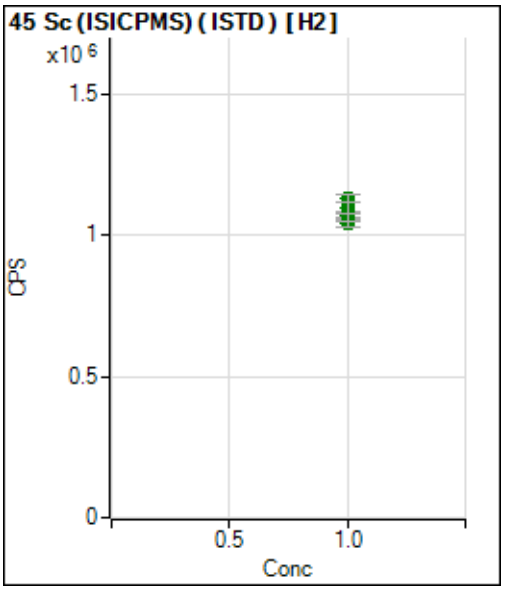
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	218.89	0.0006	P	3.2	
2	☐	1.200	1.125	3562.44	0.0103	P	1.1	-6.3
3	☐	6.000	5.565	16542.27	0.0486	P	0.7	-7.2
4	☐	50.000	49.316	143848.19	0.4261	P	0.2	-1.4
5	☐	100.000	98.276	280913.60	0.8486	P	0.8	-1.7
6	☐	200.000	201.047	561713.07	1.7353	P	1.2	0.5

y = 0.0086 * x + 6.3136E-004
R = 0.9999
DL = 0.007029 ug/l
BEC = 0.07317 ug/l

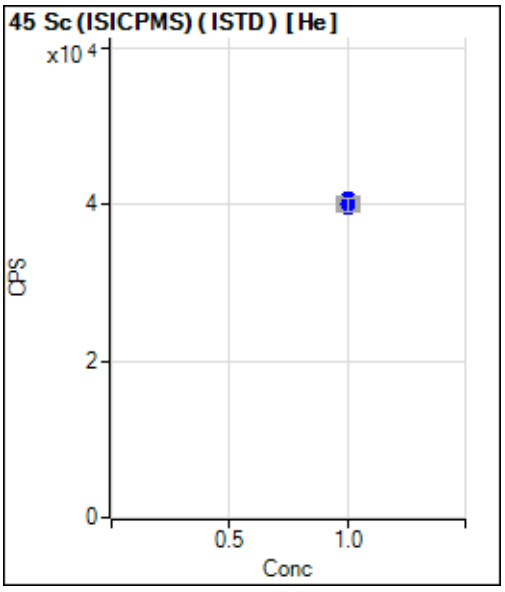
Weight: <None>
Min Conc: <None>



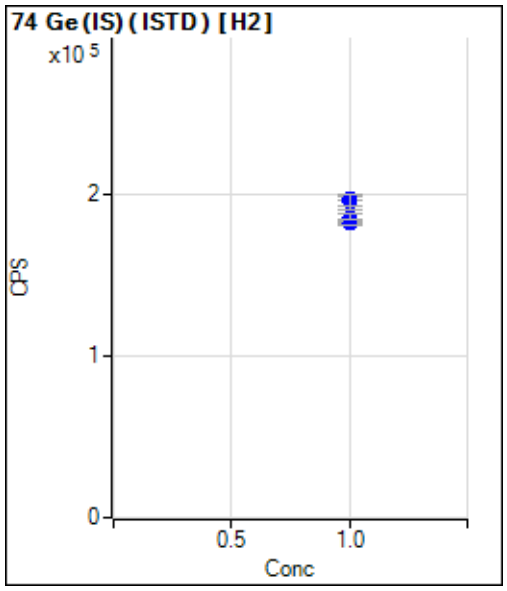
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1885903.43		A	2.6	
2	☐	1.000		1900828.27		A	2.7	
3	☐	1.000		1896622.51		A	3.2	
4	☐	1.000		1891799.97		A	4.7	
5	☐	1.000		1869899.19		A	3.7	
6	☐	1.000		1834652.66		A	1.8	



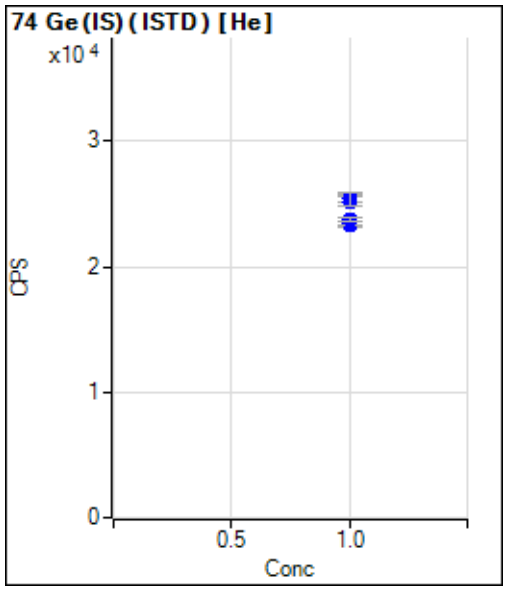
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1047006.78		A	2.9	
2	☐	1.000		1071905.11		A	2.4	
3	☐	1.000		1046111.63		A	2.7	
4	☐	1.000		1068847.75		A	3.0	
5	☐	1.000		1132389.46		A	3.0	
6	☐	1.000		1099410.42		A	3.8	



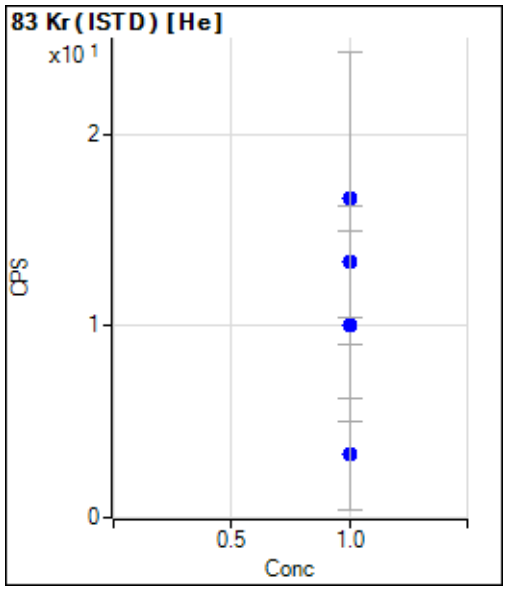
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		40806.51		P	0.4	
2	☐	1.000		40741.78		P	1.2	
3	☐	1.000		39513.85		P	0.5	
4	☐	1.000		40406.56		P	1.0	
5	☐	1.000		39964.04		P	1.1	
6	☐	1.000		39959.89		P	3.8	



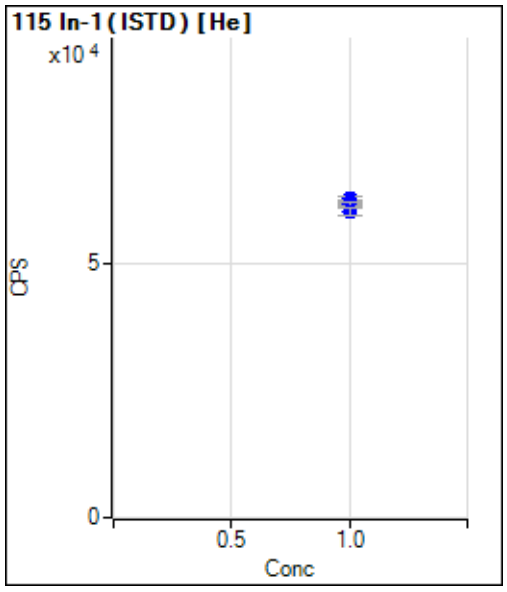
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		182591.16		P	0.9	
2	☐	1.000		181162.67		P	1.3	
3	☐	1.000		185446.51		P	1.9	
4	☐	1.000		197170.48		P	1.6	
5	☐	1.000		194462.33		P	4.0	
6	☐	1.000		196420.45		P	3.6	



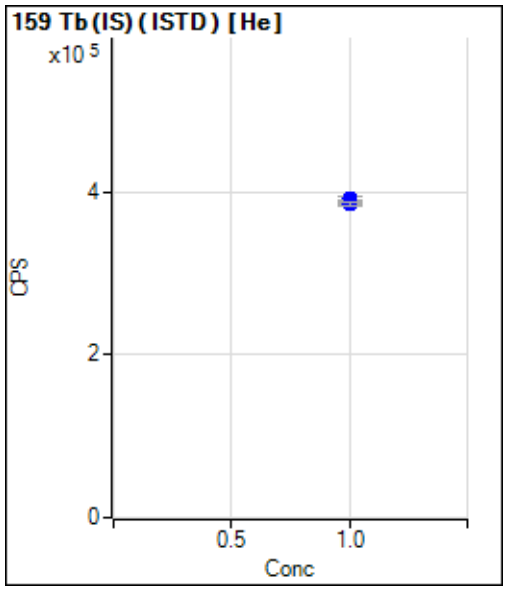
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		23531.29		P	3.4	
2	☐	1.000		23317.20		P	0.3	
3	☐	1.000		23822.10		P	1.4	
4	☐	1.000		25469.91		P	2.6	
5	☐	1.000		25222.87		P	2.9	
6	☐	1.000		25399.71		P	4.3	



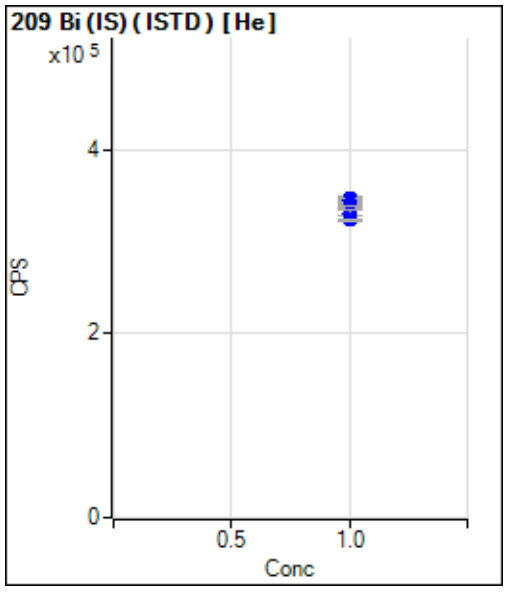
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		13.35		P	43.3	
2	☐	1.000		3.34		P	173.2	
3	☐	1.000		3.34		P	173.2	
4	☐	1.000		10.01		P	100.0	
5	☐	1.000		16.68		P	91.7	
6	☐	1.000		10.01		P	NaN	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		62943.77		P	1.6	
2	☐	1.000		62332.12		P	0.5	
3	☐	1.000		61888.59		P	0.5	
4	☐	1.000		62056.15		P	0.6	
5	☐	1.000		61940.17		P	1.1	
6	☐	1.000		60436.70		P	2.6	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		389779.07		P	0.7	
2	☐	1.000		389061.22		P	0.7	
3	☐	1.000		388528.89		P	1.2	
4	☐	1.000		392831.96		P	0.8	
5	☐	1.000		390223.36		P	0.5	
6	☐	1.000		385024.87		P	1.1	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		346808.61		P	1.6	
2	☐	1.000		344728.96		P	1.4	
3	☐	1.000		340042.61		P	0.2	
4	☐	1.000		337560.40		P	0.4	
5	☐	1.000		331067.66		P	1.6	
6	☐	1.000		323706.85		P	0.7	

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Method: 7471A/B Operator: Admin Date of Analysis: 30 Apr 2021 04:53:48

Sample ID	Extended ID	µ Abs.	Conc.	Chapter	Method	Date	Element
Cal Blk - 1		3	-	774929HG1	7471A/B	30 Apr 2021 06:35:37	Hg
0.2 ug/L - 1		704	-	774929HG1	7471A/B	30 Apr 2021 06:37:34	Hg
1.0 ug/L - 1		3651	-	774929HG1	7471A/B	30 Apr 2021 06:39:32	Hg
2.0 ug/L - 1		6740	-	774929HG1	7471A/B	30 Apr 2021 06:41:29	Hg
5.0 ug/L - 1		17206	-	774929HG1	7471A/B	30 Apr 2021 06:43:26	Hg
10.0 ug/L - 1		33757	-	774929HG1	7471A/B	30 Apr 2021 06:45:22	Hg
ICV - 1		17200	101.3% 5.0641	774929HG1	7471A/B	30 Apr 2021 06:47:18	Hg
ICB - 1		-21	-0.0365	774929HG1	7471A/B	30 Apr 2021 06:49:17	Hg
CCV - 1		17417	102.6% 5.1284	774929HG1	7471A/B	30 Apr 2021 06:51:15	Hg
CCB - 1		-65	-0.0495	774929HG1	7471A/B	30 Apr 2021 06:53:11	Hg
mb 460-774929/10-a - 1		0	-0.0303	774929HG1	7471A/B	30 Apr 2021 06:55:09	Hg
lcssrm 460-774929/11-a@40 - 1		28808	8.5023	774929HG1	7471A/B	30 Apr 2021 06:57:05	Hg
460-233026-c-1-a - 1		4209	1.2164	774929HG1	7471A/B	30 Apr 2021 06:59:01	Hg
460-233026-c-1-b du - 1		4392	1.2706	774929HG1	7471A/B	30 Apr 2021 07:00:58	Hg
460-233026-c-1-c ms - 1		7868	2.3001	774929HG1	7471A/B	30 Apr 2021 07:02:55	Hg
SD 460-233026-c-1-a@5 - 1		1076	0.2884	774929HG1	7471A/B	30 Apr 2021 07:04:50	Hg
460-232654-a-1-f - 1		5262	1.5283	774929HG1	7471A/B	30 Apr 2021 07:06:47	Hg
460-232654-a-2-f - 1		9913	2.9058	774929HG1	7471A/B	30 Apr 2021 07:08:43	Hg
460-233026-f-10-c - 1		1467	0.4042	774929HG1	7471A/B	30 Apr 2021 07:10:41	Hg
460-233026-f-11-d - 1		1494	0.4122	774929HG1	7471A/B	30 Apr 2021 07:12:38	Hg
CCV - 1		17615	103.7% 5.1871	774929HG1	7471A/B	30 Apr 2021 07:14:36	Hg
CCB - 1		-5	-0.0318	774929HG1	7471A/B	30 Apr 2021 07:16:32	Hg
460-233032-a-1-a - 1		5009	1.4533	774929HG1	7471A/B	30 Apr 2021 07:18:30	Hg
460-233032-a-2-a - 1		1635	0.4540	774929HG1	7471A/B	30 Apr 2021 07:20:28	Hg
460-233032-a-3-a - 1		1340	0.3666	774929HG1	7471A/B	30 Apr 2021 07:22:26	Hg
460-233032-a-4-a - 1		1742	0.4857	774929HG1	7471A/B	30 Apr 2021 07:24:22	Hg
460-233032-a-5-a - 1		29040	8.5710	774929HG1	7471A/B	30 Apr 2021 07:26:18	Hg
460-233032-a-6-a - 1		13959	4.1042	774929HG1	7471A/B	30 Apr 2021 07:28:14	Hg
460-233032-a-7-a - 1		28661	8.4587	774929HG1	7471A/B	30 Apr 2021 07:30:11	Hg
460-233032-a-8-a - 1		160	0.0171	774929HG1	7471A/B	30 Apr 2021 07:32:07	Hg
460-233035-a-1-a - 1		20707	6.1029	774929HG1	7471A/B	30 Apr 2021 07:34:04	Hg
460-233035-a-2-a - 1		599	0.1471	774929HG1	7471A/B	30 Apr 2021 07:36:01	Hg
CCV - 1		17474	102.9% 5.1453	774929HG1	7471A/B	30 Apr 2021 07:37:58	Hg
CCB - 1		29	-0.0217	774929HG1	7471A/B	30 Apr 2021 07:39:54	Hg
460-233035-a-3-a - 1		148	0.0136	774929HG1	7471A/B	30 Apr 2021 07:41:51	Hg
460-233037-f-1-a - 1		198	0.0284	774929HG1	7471A/B	30 Apr 2021 07:43:49	Hg
460-233037-f-2-a - 1		1717	0.4783	774929HG1	7471A/B	30 Apr 2021 07:45:46	Hg
460-233037-f-3-a - 1		2681	0.7638	774929HG1	7471A/B	30 Apr 2021 07:47:43	Hg
460-233037-f-4-a - 1		113	0.0032	774929HG1	7471A/B	30 Apr 2021 07:49:41	Hg
mb 460-774939/1-a - 1		10	-0.0273	774929HG1	7471A/B	30 Apr 2021 07:51:38	Hg
lcssrm 460-774939/2-a@40 - 1		29057	8.5760	774929HG1	7471A/B	30 Apr 2021 07:53:35	Hg
460-233075-a-1-i - 1		1820	0.5088	774929HG1	7471A/B	30 Apr 2021 07:55:31	Hg
460-233075-a-1-j du - 1		1915	0.5369	774929HG1	7471A/B	30 Apr 2021 07:57:29	Hg
460-233075-a-1-k ms - 1		5761	1.6761	774929HG1	7471A/B	30 Apr 2021 07:59:26	Hg
CCV - 1		17280	101.8% 5.0878	774929HG1	7471A/B	30 Apr 2021 08:01:22	Hg
CCB - 1		17	-0.0252	774929HG1	7471A/B	30 Apr 2021 08:03:18	Hg
SD 460-233075-a-1-i@5 - 1		444	0.1012	774929HG1	7471A/B	30 Apr 2021 08:05:16	Hg
460-233037-f-5-a - 1		61	-0.0122	774929HG1	7471A/B	30 Apr 2021 08:07:13	Hg
460-233037-f-6-a - 1		739	0.1886	774929HG1	7471A/B	30 Apr 2021 08:09:10	Hg
460-233037-f-7-a - 1		292	0.0562	774929HG1	7471A/B	30 Apr 2021 08:11:07	Hg
460-233037-f-8-a - 1		443	0.1009	774929HG1	7471A/B	30 Apr 2021 08:13:05	Hg
460-233037-f-9-a - 1		219	0.0346	774929HG1	7471A/B	30 Apr 2021 08:15:03	Hg
460-233037-f-10-a - 1		106	0.0011	774929HG1	7471A/B	30 Apr 2021 08:17:01	Hg
460-233037-f-11-a - 1		157	0.0162	774929HG1	7471A/B	30 Apr 2021 08:18:58	Hg
460-233037-f-12-a - 1		945	0.2496	774929HG1	7471A/B	30 Apr 2021 08:20:54	Hg
460-233075-a-2-e - 1		381	0.0826	774929HG1	7471A/B	30 Apr 2021 08:22:51	Hg
CCV - 1		16940	99.7% 4.9871	774929HG1	7471A/B	30 Apr 2021 08:24:48	Hg
CCB - 1		-40	-0.0421	774929HG1	7471A/B	30 Apr 2021 08:26:44	Hg
460-233075-a-3-e - 1		2333	0.6607	774929HG1	7471A/B	30 Apr 2021 08:28:41	Hg
460-233075-a-4-e - 1		1524	0.4211	774929HG1	7471A/B	30 Apr 2021 08:30:38	Hg
460-233075-a-5-e - 1		2919	0.8343	774929HG1	7471A/B	30 Apr 2021 08:32:34	Hg
460-233075-a-6-e - 1		2620	0.7457	774929HG1	7471A/B	30 Apr 2021 08:34:31	Hg
460-233075-a-7-e - 1		1615	0.4481	774929HG1	7471A/B	30 Apr 2021 08:36:28	Hg
460-233075-a-8-e - 1		24722	7.2921	774929HG1	7471A/B	30 Apr 2021 08:38:25	Hg
460-233075-a-9-e - 1		804	0.2079	774929HG1	7471A/B	30 Apr 2021 08:40:22	Hg
460-233075-a-10-e - 1		4597	1.3313	774929HG1	7471A/B	30 Apr 2021 08:42:21	Hg
460-233075-a-11-e - 1		15464	4.5500	774929HG1	7471A/B	30 Apr 2021 08:44:19	Hg
460-233075-a-12-e - 1		8708	2.5489	774929HG1	7471A/B	30 Apr 2021 08:46:16	Hg
CCV - 1		17232	101.5% 5.0736	774929HG1	7471A/B	30 Apr 2021 08:48:13	Hg
CCB - 1		-1	-0.0306	774929HG1	7471A/B	30 Apr 2021 08:50:09	Hg
mb 460-774940/1-a - 1		34	-0.0202	774929HG1	7471A/B	30 Apr 2021 08:52:07	Hg
lcssrm 460-774940/2-a@40 - 1		28701	8.4706	774929HG1	7471A/B	30 Apr 2021 08:54:03	Hg
460-233079-a-9-l - 1		103110	30.5096	774929HG1	7471A/B	30 Apr 2021 08:56:00	Hg
460-233079-a-9-m du - 1		105236	31.1393	774929HG1	7471A/B	30 Apr 2021 08:57:58	Hg
460-233079-a-9-n ms - 1		112968	33.4294	774929HG1	7471A/B	30 Apr 2021 08:59:58	Hg
460-233079-a-9-o msd - 1		112183	33.1969	774929HG1	7471A/B	30 Apr 2021 09:01:58	Hg
SD 460-233079-a-9-l@5 - 1		26201	7.7301	774929HG1	7471A/B	30 Apr 2021 09:03:57	Hg
460-233075-a-13-e - 1		12530	3.6809	774929HG1	7471A/B	30 Apr 2021 09:05:57	Hg
460-233075-a-14-e - 1		30829	9.1009	774929HG1	7471A/B	30 Apr 2021 09:07:56	Hg
460-233075-a-15-e - 1		17449	5.1379	774929HG1	7471A/B	30 Apr 2021 09:09:54	Hg
CCV - 1		16673	98.2% 4.9081	774929HG1	7471A/B	30 Apr 2021 09:11:53	Hg
CCB - 1		-56	-0.0469	774929HG1	7471A/B	30 Apr 2021 09:13:50	Hg
460-233079-a-1-b - 1		40361	11.9241	774929HG1	7471A/B	30 Apr 2021 09:15:49	Hg
460-233079-a-2-b - 1		42897	12.6753	774929HG1	7471A/B	30 Apr 2021 09:17:46	Hg

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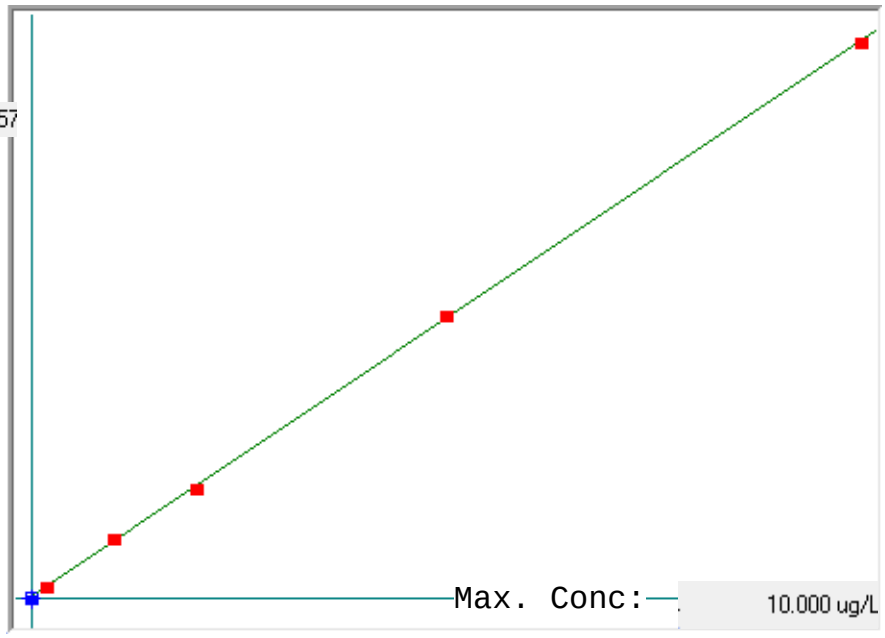
Method: 7471A/B Operator: Admin Date of Analysis: 30 Apr 2021 04:53:48

Sample ID	Extended ID	µ Abs.	Conc.	Chapter	Method	Date	Element
460-233079-a-3-b - 1		6318	1.8410	774929HG1	7471A/B	30 Apr 2021 09:19:44	Hg
460-233079-a-4-b - 1		1205	0.3266	774929HG1	7471A/B	30 Apr 2021 09:21:44	Hg
460-233079-a-5-b - 1		39029	11.5296	774929HG1	7471A/B	30 Apr 2021 09:23:41	Hg
460-233079-a-6-b - 1		3860	1.1130	774929HG1	7471A/B	30 Apr 2021 09:25:38	Hg
460-233079-a-7-b - 1		1921	0.5387	774929HG1	7471A/B	30 Apr 2021 09:27:37	Hg
460-233079-a-10-b - 1		16272	4.7893	774929HG1	7471A/B	30 Apr 2021 09:29:34	Hg
460-233079-a-11-b - 1		1233	0.3349	774929HG1	7471A/B	30 Apr 2021 09:31:30	Hg
460-233113-d-6-e - 1		5463	1.5878	774929HG1	7471A/B	30 Apr 2021 09:33:29	Hg
CCV - 1		17011	100.2% 5.0082	774929HG1	7471A/B	30 Apr 2021 09:35:27	Hg
CCB - 1		-23	-0.0371	774929HG1	7471A/B	30 Apr 2021 09:37:23	Hg
460-232708-a-13-d - 1		459	0.1057	774929HG1	7471A/B	30 Apr 2021 09:39:20	Hg
460-232754-b-2-b - 1		2408	0.6829	774929HG1	7471A/B	30 Apr 2021 09:41:18	Hg
460-232862-a-1-b - 1		1367	0.3746	774929HG1	7471A/B	30 Apr 2021 09:43:16	Hg
460-232862-a-2-b - 1		2127	0.5997	774929HG1	7471A/B	30 Apr 2021 09:45:13	Hg
460-232862-a-3-b - 1		2222	0.6278	774929HG1	7471A/B	30 Apr 2021 09:47:10	Hg
460-232862-a-4-b - 1		2022	0.5686	774929HG1	7471A/B	30 Apr 2021 09:49:07	Hg
mb 460-774941/1-a - 1		43	-0.0175	774929HG1	7471A/B	30 Apr 2021 09:51:04	Hg
lcssrm 460-774941/2-a@40 - 1		27540	8.1267	774929HG1	7471A/B	30 Apr 2021 09:53:01	Hg
460-233081-a-1-e - 1		1556	0.4306	774929HG1	7471A/B	30 Apr 2021 09:54:59	Hg
460-233081-a-1-f du - 1		1629	0.4522	774929HG1	7471A/B	30 Apr 2021 09:56:57	Hg
CCV - 1		16870	99.3% 4.9664	774929HG1	7471A/B	30 Apr 2021 09:58:54	Hg
CCB - 1		23	-0.0235	774929HG1	7471A/B	30 Apr 2021 10:00:50	Hg
460-233081-a-1-g ms - 1		5054	1.4667	774929HG1	7471A/B	30 Apr 2021 10:02:48	Hg
SD 460-233081-a-1-e@5 - 1		375	0.0808	774929HG1	7471A/B	30 Apr 2021 10:04:45	Hg
460-232862-a-5-b - 1		2945	0.8420	774929HG1	7471A/B	30 Apr 2021 10:06:43	Hg
460-232862-a-6-d - 1		1142	0.3080	774929HG1	7471A/B	30 Apr 2021 10:08:40	Hg
460-232862-a-7-b - 1		2196	0.6201	774929HG1	7471A/B	30 Apr 2021 10:10:38	Hg
460-232862-a-16-b - 1		1885	0.5280	774929HG1	7471A/B	30 Apr 2021 10:12:35	Hg
460-232950-a-1-d - 1		1364	0.3737	774929HG1	7471A/B	30 Apr 2021 10:14:32	Hg
460-232697-b-1-g - 1		11617	3.4105	774929HG1	7471A/B	30 Apr 2021 10:16:29	Hg
460-232697-a-3-e - 1		3124	0.8950	774929HG1	7471A/B	30 Apr 2021 10:18:27	Hg
460-233090-b-1-b - 1		5636	1.6390	774929HG1	7471A/B	30 Apr 2021 10:20:24	Hg
CCV - 1		16666	98.1% 4.9060	774929HG1	7471A/B	30 Apr 2021 10:22:21	Hg
CCB - 1		-53	-0.0460	774929HG1	7471A/B	30 Apr 2021 10:24:17	Hg
460-233079-a-9-l@5 - 1		25509	7.5252	774929HG1	7471A/B	30 Apr 2021 10:26:15	Hg
460-233079-a-9-m du@5 - 1		25340	7.4751	774929HG1	7471A/B	30 Apr 2021 10:28:13	Hg
460-233079-a-9-n ms@5 - 1		27544	8.1279	774929HG1	7471A/B	30 Apr 2021 10:30:12	Hg
460-233079-a-9-o msd@5 - 1		30159	8.9024	774929HG1	7471A/B	30 Apr 2021 10:32:10	Hg
SD 460-233079-a-9-l@25 - 1		5082	1.4749	774929HG1	7471A/B	30 Apr 2021 10:34:08	Hg
460-233079-a-1-b@3 - 1		14857	4.3702	774929HG1	7471A/B	30 Apr 2021 10:36:07	Hg
460-233079-a-2-b@3 - 1		15974	4.7010	774929HG1	7471A/B	30 Apr 2021 10:38:05	Hg
460-233079-a-3-b - 1		6008	1.7492	774929HG1	7471A/B	30 Apr 2021 10:40:02	Hg
460-233079-a-5-b@3 - 1		14041	4.1285	774929HG1	7471A/B	30 Apr 2021 10:42:01	Hg
460-233079-a-6-b - 1		3906	1.1266	774929HG1	7471A/B	30 Apr 2021 10:43:58	Hg
CCV - 1		16871	99.3% 4.9667	774929HG1	7471A/B	30 Apr 2021 10:45:55	Hg
CCB - 1		12	-0.0267	774929HG1	7471A/B	30 Apr 2021 10:47:51	Hg

7471A/B

Linear



A= 0.0000e+000

B= 2.9619e-004

C= -3.0280e-002

Rho= 0.9999301

Accept=Accepted

Accepted Date=

04/30/21 06:47

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
Cal Blk	0.000	-0.029	-0.029	3	0.000	3				
0.2 ug/L	0.200	0.178	-0.022	704	0.0 %	704				
1.0 ug/L	1.000	1.051	0.051	3651	0.0 %	3651				
2.0 ug/L	2.000	1.966	-0.034	6740	0.0 %	6740				
5.0 ug/L	5.000	5.066	0.066	17206	0.0 %	17206				
10.0 ug/L	10.000	9.968	-0.032	33757	0.0 %	33757				

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 775265 Batch Start Date: 05/01/21 17:40 Batch Analyst: Esteban, Gared A

Batch Method: 3050B Batch End Date: 05/01/21 22:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_ipmsSPK 00041	ME_LCSS_108 00003		
MB 460-775265/1		3050B, 6020B		1.00 g	100 mL				
LCSSRM 460-775265/2		3050B, 6020B		1.03 g	100 mL		1.03 g		
460-233032-E-1	SB-01_0-2_20210427	3050B, 6020B	T	1.23 g	100 mL				
460-233032-E-1 DU	SB-01_0-2_20210427	3050B, 6020B	T	1.27 g	100 mL				
460-233032-E-1 MS	SB-01_0-2_20210427	3050B, 6020B	T	1.29 g	100 mL	1 mL			
460-233032-E-2	SB-01_4-6_20210427	3050B, 6020B	T	1.12 g	100 mL				
460-233032-E-3	SB-02_0-2_20210427	3050B, 6020B	T	1.09 g	100 mL				
460-233032-E-4	SB-02_4-6_20210427	3050B, 6020B	T	1.27 g	100 mL				
460-233032-E-5	SB-05_0-2_20210427	3050B, 6020B	T	1.08 g	100 mL				
460-233032-E-6	SB-05_3-5_20210427	3050B, 6020B	T	1.27 g	100 mL				
460-233032-E-7	SB-06_0-2_20210427	3050B, 6020B	T	1.29 g	100 mL				
460-233032-E-8	SB-06_6-8_20210427	3050B, 6020B	T	1.34 g	100 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 775265 Batch Start Date: 05/01/21 17:40 Batch Analyst: Esteban, Gared A

Batch Method: 3050B Batch End Date: 05/01/21 22:40

Batch Notes	
Balance ID	#35
Temperature - Corrected - End	95 Corr Degrees C
Temperature - Corrected - Start	95 Corr Degrees C
Digestion End Time	05/01/2021 19:40
Digestion Start Time	05/01/2021 17:40
Digestion Unit ID	#12
Digestion Tube/Cup ID	J373436-4757 (SCP 50mL.tube)
Filter ID	09-790F
Hydrogen Peroxide ID	0000192350
Hydrochloric Acid ID	0000198300
Nitric Acid ID	0000200458
Pipette/Syringe/Dispenser ID	#22
Analyst ID - Spike Analyst	GE
Thermometer ID	Metals-4
Temperature - Uncorrected - End	98 Uncorr Degrees C
Temperature - Uncorrected - Start	98 Uncorr Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 774929 Batch Start Date: 04/30/21 03:11 Batch Analyst: Staib, Thomas

Batch Method: 7471B Batch End Date: 04/30/21 06:11

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCSS_108 00001			
MB 460-774929/10		7471B, 7471B		0.60 g	50 mL				
LCSSRM 460-774929/11		7471B, 7471B		0.60 g	50 mL	0.6 g			
460-233032-A-1	SB-01_0-2_20210427	7471B, 7471B	T	0.63 g	50 mL				
460-233032-A-2	SB-01_4-6_20210427	7471B, 7471B	T	0.64 g	50 mL				
460-233032-A-3	SB-02_0-2_20210427	7471B, 7471B	T	0.66 g	50 mL				
460-233032-A-4	SB-02_4-6_20210427	7471B, 7471B	T	0.65 g	50 mL				
460-233032-A-5	SB-05_0-2_20210427	7471B, 7471B	T	0.63 g	50 mL				
460-233032-A-6	SB-05_3-5_20210427	7471B, 7471B	T	0.61 g	50 mL				
460-233032-A-7	SB-06_0-2_20210427	7471B, 7471B	T	0.63 g	50 mL				
460-233032-A-8	SB-06_6-8_20210427	7471B, 7471B	T	0.64 g	50 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 774929 Batch Start Date: 04/30/21 03:11 Batch Analyst: Staib, Thomas

Batch Method: 7471B Batch End Date: 04/30/21 06:11

Batch Notes	
Balance ID	#33
Batch Comment	ME_10%HCL_00148
Temperature - Corrected - End	95 Corr Degrees C
Temperature - Corrected - Start	96 Corr Degrees C
Digestion End Time	04/30/2021 04:41
Digestion Start Time	04/30/2022 04:11
Digestion Unit ID	#12
Hydrochloric Acid ID	0000275677
Nitric Acid ID	0000261535
Hydroxylamine ID	ME_NACLHYDLHCL_00182
Potassium Permanganate ID	ME_POtPermSol_00186
Pipette/Syringe/Dispenser ID	#102
Analyst ID - Spike Analyst	TS
Thermometer ID	HG-2
Digestion Tube/Cup ID	J373436-4757 (50ML Digi Tubes)
Temperature - Uncorrected - End	98 UNcorr Degrees C
Temperature - Uncorrected - Start	98 Uncorr Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233032-1

SDG No.:

Project: Brookfield Commons - 159 South Lexington

Client Sample ID	Lab Sample ID
SB-01_0-2_20210427	460-233032-1
SB-01_4-6_20210427	460-233032-2
SB-02_0-2_20210427	460-233032-3
SB-02_4-6_20210427	460-233032-4
SB-05_0-2_20210427	460-233032-5
SB-05_3-5_20210427	460-233032-6
SB-06_0-2_20210427	460-233032-7
SB-06_6-8_20210427	460-233032-8

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233032-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233032-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/28/2021 13:56 End Date: 04/28/2021 14:23

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			13:56																					
ZZZZZZ			13:56																					
ZZZZZZ			13:56																					
ZZZZZZ			13:56																					
ZZZZZZ			13:56																					
ZZZZZZ			13:56																					
ZZZZZZ			13:56																					
460-233032-1	1	T	13:56	X	X																			
460-233032-2	1	T	13:56	X	X																			
460-233032-3	1	T	13:56	X	X																			
460-233032-4	1	T	13:56	X	X																			
460-233032-5	1	T	13:56	X	X																			
460-233032-6	1	T	13:56	X	X																			
460-233032-7	1	T	13:56	X	X																			
460-233032-8	1	T	13:56	X	X																			
ZZZZZZ			13:56																					
ZZZZZZ			13:56																					
ZZZZZZ			13:56																					
ZZZZZZ			14:23																					
ZZZZZZ			14:23																					

Prep Types

T = Total/NA

General Chemistry Raw Data Report

Job ID: 460-233032-1

Batch: 774529 **Analyst Initials: MMC**

Method: Moisture **Instrument: No Equipment**

Lab Sample ID: 460-233032-A-1

Analysis Date: Apr 28, 2021 13:56

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.9176029962547	%
Percent Solids	None	1	84.0823970037453	%

Lab Sample ID: 460-233032-A-2

Analysis Date: Apr 28, 2021 13:56

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	21.6666666666667	%
Percent Solids	None	1	78.3333333333333	%

Lab Sample ID: 460-233032-A-3

Analysis Date: Apr 28, 2021 13:56

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	26.2518968133536	%
Percent Solids	None	1	73.7481031866464	%

Lab Sample ID: 460-233032-A-4

Analysis Date: Apr 28, 2021 13:56

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	26.5774378585086	%
Percent Solids	None	1	73.4225621414914	%

Lab Sample ID: 460-233032-A-5

Analysis Date: Apr 28, 2021 13:56

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	12.3134328358209	%
Percent Solids	None	1	87.6865671641791	%

Lab Sample ID: 460-233032-A-6

Analysis Date: Apr 28, 2021 13:56

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.2329020332717	%
Percent Solids	None	1	85.7670979667283	%

Lab Sample ID: 460-233032-A-7

Analysis Date: Apr 28, 2021 13:56

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.1509433962264	%
Percent Solids	None	1	85.8490566037736	%

Lab Sample ID: 460-233032-A-8

Analysis Date: Apr 28, 2021 13:56

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	10.9965635738832	%
Percent Solids	None	1	89.0034364261168	%

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 774529 Batch Start Date: 04/28/21 13:56 Batch Analyst: Crocco, Michael

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-233032-A-1	SB-01_0-2_20210427	Moisture	T	118	1.27 g	6.61 g	5.76 g		
460-233032-A-2	SB-01_4-6_20210427	Moisture	T	119	1.27 g	6.67 g	5.50 g		
460-233032-A-3	SB-02_0-2_20210427	Moisture	T	120	1.27 g	7.86 g	6.13 g		
460-233032-A-4	SB-02_4-6_20210427	Moisture	T	121	1.27 g	6.50 g	5.11 g		
460-233032-A-5	SB-05_0-2_20210427	Moisture	T	122	1.27 g	6.63 g	5.97 g		
460-233032-A-6	SB-05_3-5_20210427	Moisture	T	123	1.27 g	6.68 g	5.91 g		
460-233032-A-7	SB-06_0-2_20210427	Moisture	T	124	1.26 g	6.56 g	5.81 g		
460-233032-A-8	SB-06_6-8_20210427	Moisture	T	125	1.25 g	7.07 g	6.43 g		

Batch Notes	
Balance ID	106
Batch Comment	regular oven
Date and Time Samples in Desiccator	04/29/2021 05:36
Date and Time Samples out of Desiccator	04/29/2021 07:40
Date samples were placed in the oven	04/28/2021
Oven Temp In	104 Degrees C
Time samples were place in the oven	14:27
Date samples were removed from oven	04/29/2021
Oven Temp Out	105 Degrees C
Time Samples were removed from oven	05:36
Oven ID	3
Thermometer ID	226142
Temperature - Start - Uncorrected	104 Degrees C
Temperature - End - Uncorrected	105 Degrees C

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233032-1

SDG No.:

Batch Number: 774529 Batch Start Date: 04/28/21 13:56 Batch Analyst: Crocco, Michael

Batch Method: Moisture Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

450928

eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

233032

TAL-8210

Client Contact	Project Manager: Colleen Griffith	Site Contact: G. Baird	Date: 4/27/21	COC No:
Company Name: AKRF, Inc	Tel/Email: 914-922-2362	Lab Contact: M. Haas	Carrier:	1 of 1 COCs
Address: 34 South Broadway	Analysis Turnaround Time			Sampler:
City/State/Zip: White Plains, NY	☐ CALENDAR DAYS ☑ WORKING DAYS			For Lab Use Only:
Phone: 914-922-2363	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: Brookfield Commons Phase 3	☒ 1 week			Job / SDG No.:
Site: 159 ~~Se~~ S. Lexington Ave, White Plains	☐ 2 days			
P O # 210122	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCLP ext 375 VOCs 8260	BN 8270 SVOCs	TAL Metals	PCBs 8082	Sample Specific Notes:
SB-01_0-2_20210427	4/27/21	0915	C	S	5	N	N	X	X	X	X	1
SB-01_4-6_20210427		0925										2
SB-02_0-2_20210427		0940										3
SB-02_4-6_20210427		0950										4
SB-05_0-2_20210427		1021										5
SB-05_3-5_20210427		1030										6
SB-06_0-2_20210427		1305										7
SB-06_6-8_20210427	↓	1315	↓	↓	↓	↓	↓	↓	↓	↓	↓	8
~~RI-FI AI TB-S VOA~~												—

SHORT HOLD

460-233032 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samp

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: CAT B / EQUIS

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: AKRF, Inc	Date/Time: 4/27/21	Received by:	Company:	Date/Time: 4/27/21 1430
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time: 4/27/21 1700
Relinquished by:	Company:	Date/Time: 4/27/21 1800	Received in Laboratory by:	Company:	Date/Time: 4/27/21 1800

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05/05/2021

2.3 20 ER 11

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 233032

Number of Coolers: 1 IR Gun # 11

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	23 °C	20 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038, Rev 4.1
10/22/2019

Initials: Komal Date: 4 22 21

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-233032-1

Login Number: 233032
List Number: 1
Creator: Meyers, Gary

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

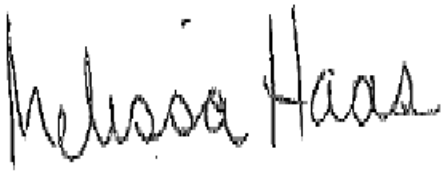
ANALYTICAL REPORT

Job Number: 460-233141-1

Job Description: Brookfield Commons - 159 South Lexington

For:
AKRF Inc
34 South Broadway
Suite 314
White Plains, NY 10601

Attention: Mr. Greg Baird



Approved for release.
Melissa Haas
Senior Project Manager
5/5/2021 9:32 AM

Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@Eurofinset.com
05/05/2021

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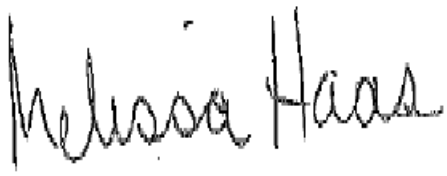
Job Number: 460-233141-1

Job Description: Brookfield Commons - 159 South Lexington

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Approved for release.
Melissa Haas
Senior Project Manager
5/5/2021 9:32 AM

Melissa Haas

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CASE NARRATIVE

Client: AKRF Inc

Project: Brookfield Commons - 159 South Lexington

Report Number: 460-233141-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 04/28/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.7 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

4-Methyl-2-pentanone (MIBK) failed the recovery criteria low for LCS 460-775506/3. Refer to the QC report for details.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples SB-03_0-2_20210428 (460-233141-1), SB-03_7-9_20210428 (460-233141-2), SB-04_0-2_20210428 (460-233141-3) and SB-04_4-6_20210428 (460-233141-4) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 04/29/2021 and analyzed on 05/04/2021.

The laboratory control sample (LCS) for analytical batch 460-775506 recovered outside control limits for the following analyte: 4-Methyl-2-pentanone (MIBK). This analyte was biased low in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Styrene was detected in method blank LB3 460-774864/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples SB-03_0-2_20210428 (460-233141-1), SB-03_7-9_20210428 (460-233141-2), SB-04_0-2_20210428 (460-233141-3) and SB-04_4-6_20210428 (460-233141-4) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E. The samples were prepared on 04/29/2021 and analyzed on 04/30/2021.

The continuing calibration verification (CCV) associated with batch 460-775016 recovered above the upper control limit for 2,4-Dinitrotoluene and 2,6-Dinitrotoluene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS
Samples SB-03_0-2_20210428 (460-233141-1), SB-03_7-9_20210428 (460-233141-2), SB-04_0-2_20210428 (460-233141-3) and SB-04_4-6_20210428 (460-233141-4) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The

samples were prepared on 04/30/2021 and analyzed on 05/03/2021.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

TOTAL METALS (ICP/MS)

Samples SB-03_0-2_20210428 (460-233141-1), SB-03_7-9_20210428 (460-233141-2), SB-04_0-2_20210428 (460-233141-3) and SB-04_4-6_20210428 (460-233141-4) were analyzed for Total Metals (ICP/MS) in accordance with EPA SW-846 Method 6020B. The samples were prepared and analyzed on 05/04/2021.

Several analytes failed the recovery criteria low for the MS of sample 460-233075-1 in batch 460-775664. Aluminum, Calcium and Lead failed the recovery criteria high.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples SB-03_0-2_20210428 (460-233141-1), SB-03_7-9_20210428 (460-233141-2), SB-04_0-2_20210428 (460-233141-3) and SB-04_4-6_20210428 (460-233141-4) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 05/03/2021.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SB-03_0-2_20210428 (460-233141-1), SB-03_7-9_20210428 (460-233141-2), SB-04_0-2_20210428 (460-233141-3) and SB-04_4-6_20210428 (460-233141-4) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 04/29/2021.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: AKRF Inc
Job ID: 460-233141-1
Project/Site: Brookfield Commons - 159 South Lexington

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-233141-1	SB-03_0-2_20210428	Solid	04/28/21 08:40	04/28/21 18:00	
460-233141-2	SB-03_7-9_20210428	Solid	04/28/21 08:50	04/28/21 18:00	
460-233141-3	SB-04_0-2_20210428	Solid	04/28/21 09:26	04/28/21 18:00	
460-233141-4	SB-04_4-6_20210428	Solid	04/28/21 09:29	04/28/21 18:00	

Detection Summary

Client: AKRF Inc
Job ID: 460-233141-1
Project/Site: Brookfield Commons - 159 South Lexington

Client Sample ID: SB-03_0-2_20210428
Lab Sample ID: 460-233141-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.024	J	0.38	0.0038	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.020	J	0.38	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.092		0.038	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.11		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.16		0.038	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.089	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.084		0.038	0.0075	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.12	J	0.38	0.0065	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.14	J	0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.091		0.038	0.015	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.064	J	0.38	0.0067	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.15	J	0.38	0.0095	mg/Kg	1	☼	8270E	Total/NA
Aluminum	12000		22.0	2.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.23	J	1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.2		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	111		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.38	J	0.44	0.063	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.42	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	7600		110	18.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	21.6		2.2	0.19	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.3		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	33.0		2.2	0.24	mg/Kg	1	☼	6020B	Total/NA
Iron	19400		65.9	22.2	mg/Kg	1	☼	6020B	Total/NA
Lead	1140		0.66	0.22	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5790		110	11.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	267		4.4	0.44	mg/Kg	1	☼	6020B	Total/NA
Nickel	19.9		2.2	0.21	mg/Kg	1	☼	6020B	Total/NA
Potassium	3110		110	12.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.28	J	1.4	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.14	J	1.1	0.098	mg/Kg	1	☼	6020B	Total/NA
Sodium	206		110	17.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.19	J	0.44	0.045	mg/Kg	1	☼	6020B	Total/NA
Vanadium	31.8		2.2	0.23	mg/Kg	1	☼	6020B	Total/NA
Zinc	145		8.8	2.5	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.094		0.020	0.0046	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-03_7-9_20210428
Lab Sample ID: 460-233141-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0051	J	0.0060	0.00044	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.022		0.0072	0.0069	mg/Kg	1	☼	8260D	Total/NA
Aluminum	13900		25.0	3.3	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.8		1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Barium	146		2.5	0.18	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.54		0.50	0.071	mg/Kg	1	☼	6020B	Total/NA
Calcium	2800		125	21.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	23.6		2.5	0.22	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.5		2.5	0.19	mg/Kg	1	☼	6020B	Total/NA
Copper	16.9		2.5	0.28	mg/Kg	1	☼	6020B	Total/NA
Iron	22600		75.0	25.3	mg/Kg	1	☼	6020B	Total/NA
Lead	10.3		0.75	0.25	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-03_7-9_20210428 (Continued)
Lab Sample ID: 460-233141-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	5560		125	12.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	173		5.0	0.50	mg/Kg	1	☼	6020B	Total/NA
Nickel	18.2		2.5	0.24	mg/Kg	1	☼	6020B	Total/NA
Potassium	1630		125	14.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.29	J	1.6	0.15	mg/Kg	1	☼	6020B	Total/NA
Sodium	299		125	19.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.16	J	0.50	0.051	mg/Kg	1	☼	6020B	Total/NA
Vanadium	31.2		2.5	0.26	mg/Kg	1	☼	6020B	Total/NA
Zinc	84.9		10.0	2.9	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.037		0.021	0.0050	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-04_0-2_20210428
Lab Sample ID: 460-233141-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.014	J	0.43	0.012	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.025	J	0.43	0.0043	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.067	J	0.43	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.24		0.043	0.015	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.28		0.043	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.31		0.043	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.18	J	0.43	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.17		0.043	0.0084	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.33	J	0.43	0.0072	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.033	J	0.043	0.019	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.36	J	0.43	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.012	J	0.43	0.0058	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.17		0.043	0.017	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.024	J	0.43	0.0074	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.30	J	0.43	0.0075	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.50		0.43	0.011	mg/Kg	1	☼	8270E	Total/NA
Aluminum	10100		24.2	3.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.84	J	1.2	0.18	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.3		1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Barium	745		2.4	0.18	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.42	J	0.48	0.069	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.90	J	1.2	0.14	mg/Kg	1	☼	6020B	Total/NA
Calcium	10100		121	20.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	69.5		2.4	0.21	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.5		2.4	0.18	mg/Kg	1	☼	6020B	Total/NA
Copper	104		2.4	0.27	mg/Kg	1	☼	6020B	Total/NA
Iron	23600		72.6	24.5	mg/Kg	1	☼	6020B	Total/NA
Lead	1170		0.73	0.24	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4340		121	12.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	348		4.8	0.49	mg/Kg	1	☼	6020B	Total/NA
Nickel	18.9		2.4	0.23	mg/Kg	1	☼	6020B	Total/NA
Potassium	1570		121	13.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.43	J	1.5	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.74	J	1.2	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	248		121	18.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.16	J	0.48	0.050	mg/Kg	1	☼	6020B	Total/NA
Vanadium	35.7		2.4	0.25	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-04_0-2_20210428 (Continued)
Lab Sample ID: 460-233141-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	751		9.7	2.8	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.37		0.021	0.0050	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-04_4-6_20210428
Lab Sample ID: 460-233141-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00040	J	0.0012	0.00037	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.019	J	0.041	0.014	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.017	J	0.041	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.018	J	0.041	0.011	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.013	J	0.41	0.0069	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.022	J	0.41	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.018	J	0.41	0.0072	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.025	J	0.41	0.010	mg/Kg	1	☼	8270E	Total/NA
Aluminum	10300		23.4	3.0	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.26	J	1.2	0.17	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.0		1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Barium	74.9		2.3	0.17	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.35	J	0.47	0.067	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.16	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Calcium	8870		117	19.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.5		2.3	0.20	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.5		2.3	0.17	mg/Kg	1	☼	6020B	Total/NA
Copper	20.0		2.3	0.26	mg/Kg	1	☼	6020B	Total/NA
Iron	16700		70.1	23.6	mg/Kg	1	☼	6020B	Total/NA
Lead	62.8		0.70	0.23	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6960		117	11.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	371		4.7	0.47	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.5		2.3	0.23	mg/Kg	1	☼	6020B	Total/NA
Potassium	1580		117	13.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.14	J	1.5	0.14	mg/Kg	1	☼	6020B	Total/NA
Sodium	140		117	18.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.18	J	0.47	0.048	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.3		2.3	0.24	mg/Kg	1	☼	6020B	Total/NA
Zinc	74.4		9.3	2.7	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.22		0.019	0.0045	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-233141-1
Project/Site: Brookfield Commons - 159 South Lexington

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: SB-03_0-2_20210428
Lab Sample ID: 460-233141-1

Date Collected: 04/28/21 08:40
Matrix: Solid

Date Received: 04/28/21 18:00
Percent Solids: 86.7

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00032	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00024	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00019	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00024	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00039	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
4-Methyl-2-pentanone (MIBK)	0.0052	U *	0.0052	0.0016	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Benzene	0.0010	U	0.0010	0.00027	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Carbon tetrachloride	0.0010	U	0.0010	0.00041	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Chlorobenzene	0.0010	U	0.0010	0.00019	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Chlorobromomethane	0.0010	U	0.0010	0.00029	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Chlorodibromomethane	0.0010	U	0.0010	0.00020	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Chloroethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Chloromethane	0.0010	U	0.0010	0.00046	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Ethylbenzene	0.0010	U	0.0010	0.00021	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Ethylene Dibromide	0.0010	U	0.0010	0.00019	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00054	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00018	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
N-Propylbenzene	0.0010	U	0.0010	0.00018	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
o-Xylene	0.0010	U	0.0010	0.00020	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1

Client Sample ID: SB-03_0-2_20210428
Lab Sample ID: 460-233141-1

Date Collected: 04/28/21 08:40
Matrix: Solid

Date Received: 04/28/21 18:00
Percent Solids: 86.7

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Trichloroethene	0.0010	U	0.0010	0.00034	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1
Xylenes, Total	0.0021	U	0.0021	0.00067	mg/Kg	☼	04/29/21 16:34	05/04/21 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 145*	*04/29/21 16:34*	*05/04/21 00:44*	*1*
4-Bromofluorobenzene	*90*		*70 - 139*	*04/29/21 16:34*	*05/04/21 00:44*	*1*
Dibromofluoromethane (Surr)	*104*		*48 - 150*	*04/29/21 16:34*	*05/04/21 00:44*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*04/29/21 16:34*	*05/04/21 00:44*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.038	U	0.038	0.0098	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
1,2-Dichlorobenzene	0.38	U	0.38	0.0065	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
1,3-Dichlorobenzene	0.38	U	0.38	0.0051	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
1,4-Dichlorobenzene	0.38	U	0.38	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0069	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
2,4-Dinitrotoluene	0.077	U	0.077	0.041	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
2,6-Dinitrotoluene	0.077	U	0.077	0.028	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
2-Chloronaphthalene	0.38	U	0.38	0.018	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
2-Methylnaphthalene	0.38	U	0.38	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
2-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.058	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
3-Nitroaniline	0.38	U	0.38	0.043	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
4-Chloroaniline	0.38	U	0.38	0.068	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.013	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
4-Nitroaniline	0.38	U	0.38	0.044	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Acenaphthene	0.38	U	0.38	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Acenaphthylene	**0.024**	**J**	0.38	0.0038	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Anthracene	**0.020**	**J**	0.38	0.012	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Benzo[a]anthracene	**0.092**		0.038	0.013	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Benzo[a]pyrene	**0.11**		0.038	0.010	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Benzo[b]fluoranthene	**0.16**		0.038	0.0099	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Benzo[g,h,i]perylene	**0.089**	**J**	0.38	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Benzo[k]fluoranthene	**0.084**		0.038	0.0075	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.030	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Carbazole	0.38	U	0.38	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Chrysene	**0.12**	**J**	0.38	0.0065	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.017	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Dibenzofuran	0.38	U	0.38	0.0054	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1

Client Sample ID: SB-03_0-2_20210428
Lab Sample ID: 460-233141-1

Date Collected: 04/28/21 08:40
Matrix: Solid

Date Received: 04/28/21 18:00
Percent Solids: 86.7

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.38	U	0.38	0.0055	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Dimethyl phthalate	0.38	U	0.38	0.087	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Fluoranthene	**0.14**	**J**	0.38	0.013	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Fluorene	0.38	U	0.38	0.0052	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Hexachlorobutadiene	0.077	U	0.077	0.0081	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.033	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Indeno[1,2,3-cd]pyrene	**0.091**		0.038	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Naphthalene	0.38	U	0.38	0.0066	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Nitrobenzene	0.038	U	0.038	0.0092	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.031	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Phenanthrene	**0.064**	**J**	0.38	0.0067	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1
Pyrene	**0.15**	**J**	0.38	0.0095	mg/Kg	☼	04/29/21 20:42	04/30/21 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*14 - 103*	*04/29/21 20:42*	*04/30/21 18:09*	*1*
Nitrobenzene-d5 (Surr)	*68*		*11 - 104*	*04/29/21 20:42*	*04/30/21 18:09*	*1*
Terphenyl-d14 (Surr)	*88*		*12 - 126*	*04/29/21 20:42*	*04/30/21 18:09*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.077	U	0.077	0.010	mg/Kg	☼	04/30/21 18:29	05/03/21 14:55	1
Aroclor 1221	0.077	U	0.077	0.010	mg/Kg	☼	04/30/21 18:29	05/03/21 14:55	1
Aroclor 1232	0.077	U	0.077	0.010	mg/Kg	☼	04/30/21 18:29	05/03/21 14:55	1
Aroclor 1242	0.077	U	0.077	0.010	mg/Kg	☼	04/30/21 18:29	05/03/21 14:55	1
Aroclor 1248	0.077	U	0.077	0.010	mg/Kg	☼	04/30/21 18:29	05/03/21 14:55	1
Aroclor 1254	0.077	U	0.077	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 14:55	1
Aroclor 1260	0.077	U	0.077	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 14:55	1
Aroclor-1262	0.077	U	0.077	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 14:55	1
Aroclor 1268	0.077	U	0.077	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 14:55	1
Polychlorinated biphenyls, Total	0.077	U	0.077	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*37 - 150*	*04/30/21 18:29*	*05/03/21 14:55*	*1*
DCB Decachlorobiphenyl	*119*		*37 - 150*	*04/30/21 18:29*	*05/03/21 14:55*	*1*
Tetrachloro-m-xylene	*110*		*54 - 150*	*04/30/21 18:29*	*05/03/21 14:55*	*1*
Tetrachloro-m-xylene	*116*		*54 - 150*	*04/30/21 18:29*	*05/03/21 14:55*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		22.0	2.9	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Antimony	**0.23**	**J**	1.1	0.16	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Arsenic	**4.2**		1.1	0.11	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Barium	**111**		2.2	0.16	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Beryllium	**0.38**	**J**	0.44	0.063	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1

Client Sample ID: SB-03_0-2_20210428
Lab Sample ID: 460-233141-1
Date Collected: 04/28/21 08:40
Matrix: Solid
Date Received: 04/28/21 18:00
Percent Solids: 86.7

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.42**	**J**	1.1	0.12	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Calcium	**7600**		110	18.7	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Chromium	**21.6**		2.2	0.19	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Cobalt	**9.3**		2.2	0.16	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Copper	**33.0**		2.2	0.24	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Iron	**19400**		65.9	22.2	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Lead	**1140**		0.66	0.22	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Magnesium	**5790**		110	11.2	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Manganese	**267**		4.4	0.44	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Nickel	**19.9**		2.2	0.21	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Potassium	**3110**		110	12.3	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Selenium	**0.28**	**J**	1.4	0.13	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Silver	**0.14**	**J**	1.1	0.098	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Sodium	**206**		110	17.1	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Thallium	**0.19**	**J**	0.44	0.045	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Vanadium	**31.8**		2.2	0.23	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1
Zinc	**145**		8.8	2.5	mg/Kg	☼	05/04/21 04:20	05/04/21 12:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.094**		0.020	0.0046	mg/Kg	☼	05/03/21 03:55	05/03/21 08:47	1

Client Sample ID: SB-03_7-9_20210428
Lab Sample ID: 460-233141-2
Date Collected: 04/28/21 08:50
Matrix: Solid
Date Received: 04/28/21 18:00
Percent Solids: 75.5

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
2-Butanone (MEK)	**0.0051**	**J**	0.0060	0.00044	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
4-Methyl-2-pentanone (MIBK)	0.0060	U *	0.0060	0.0019	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Acetone	**0.022**		0.0072	0.0069	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Benzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1

Client Sample ID: SB-03_7-9_20210428
Lab Sample ID: 460-233141-2

Date Collected: 04/28/21 08:50
Matrix: Solid

Date Received: 04/28/21 18:00
Percent Solids: 75.5

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Chlorobromomethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Chlorodibromomethane	0.0012	U	0.0012	0.00023	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Ethylbenzene	0.0012	U	0.0012	0.00024	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Ethylene Dibromide	0.0012	U	0.0012	0.00022	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
N-Propylbenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
o-Xylene	0.0012	U	0.0012	0.00023	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1
Xylenes, Total	0.0024	U	0.0024	0.00077	mg/Kg	☼	04/29/21 16:35	05/04/21 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 145*	*04/29/21 16:35*	*05/04/21 01:09*	*1*
4-Bromofluorobenzene	*94*		*70 - 139*	*04/29/21 16:35*	*05/04/21 01:09*	*1*
Dibromofluoromethane (Surr)	*110*		*48 - 150*	*04/29/21 16:35*	*05/04/21 01:09*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*04/29/21 16:35*	*05/04/21 01:09*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.044	U	0.044	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
1,2-Dichlorobenzene	0.44	U	0.44	0.0075	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
1,3-Dichlorobenzene	0.44	U	0.44	0.0058	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
1,4-Dichlorobenzene	0.44	U	0.44	0.017	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
2,2'-oxybis[1-chloropropane]	0.44	U	0.44	0.0079	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1

Client Sample ID: SB-03_7-9_20210428
Lab Sample ID: 460-233141-2

Date Collected: 04/28/21 08:50
Matrix: Solid

Date Received: 04/28/21 18:00
Percent Solids: 75.5

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.089	U	0.089	0.047	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
2,6-Dinitrotoluene	0.089	U	0.089	0.032	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
2-Chloronaphthalene	0.44	U	0.44	0.020	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
2-Methylnaphthalene	0.44	U	0.44	0.012	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
2-Nitroaniline	0.44	U	0.44	0.016	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
3,3'-Dichlorobenzidine	0.18	U	0.18	0.066	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
3-Nitroaniline	0.44	U	0.44	0.049	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
4-Bromophenyl phenyl ether	0.44	U	0.44	0.017	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
4-Chloroaniline	0.44	U	0.44	0.078	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
4-Chlorophenyl phenyl ether	0.44	U	0.44	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
4-Nitroaniline	0.44	U	0.44	0.050	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Acenaphthene	0.44	U	0.44	0.012	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Acenaphthylene	0.44	U	0.44	0.0044	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Anthracene	0.44	U	0.44	0.013	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Benzo[a]anthracene	0.044	U	0.044	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Benzo[a]pyrene	0.044	U	0.044	0.012	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Benzo[b]fluoranthene	0.044	U	0.044	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Benzo[g,h,i]perylene	0.44	U	0.44	0.013	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Benzo[k]fluoranthene	0.044	U	0.044	0.0086	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Bis(2-chloroethoxy)methane	0.44	U	0.44	0.034	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Bis(2-chloroethyl)ether	0.044	U	0.044	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Bis(2-ethylhexyl) phthalate	0.44	U	0.44	0.023	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Butyl benzyl phthalate	0.44	U	0.44	0.021	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Carbazole	0.44	U	0.44	0.017	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Chrysene	0.44	U	0.44	0.0074	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Dibenz(a,h)anthracene	0.044	U	0.044	0.019	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Dibenzofuran	0.44	U	0.44	0.0062	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Diethyl phthalate	0.44	U	0.44	0.0064	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Dimethyl phthalate	0.44	U	0.44	0.10	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Di-n-butyl phthalate	0.44	U	0.44	0.017	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Di-n-octyl phthalate	0.44	U	0.44	0.023	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Fluoranthene	0.44	U	0.44	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Fluorene	0.44	U	0.44	0.0059	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Hexachlorobenzene	0.044	U	0.044	0.021	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Hexachlorobutadiene	0.089	U	0.089	0.0093	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Hexachlorocyclopentadiene	0.44	U	0.44	0.038	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Hexachloroethane	0.044	U	0.044	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Indeno[1,2,3-cd]pyrene	0.044	U	0.044	0.017	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Isophorone	0.18	U	0.18	0.13	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Naphthalene	0.44	U	0.44	0.0076	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Nitrobenzene	0.044	U	0.044	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
N-Nitrosodi-n-propylamine	0.044	U	0.044	0.032	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
N-Nitrosodiphenylamine	0.44	U	0.44	0.036	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Phenanthrene	0.44	U	0.44	0.0077	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1
Pyrene	0.44	U	0.44	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*14 - 103*	*04/29/21 20:42*	*04/30/21 15:32*	*1*
Nitrobenzene-d5 (Surr)	*67*		*11 - 104*	*04/29/21 20:42*	*04/30/21 15:32*	*1*
Terphenyl-d14 (Surr)	*86*		*12 - 126*	*04/29/21 20:42*	*04/30/21 15:32*	*1*

Client Sample ID: SB-03_7-9_20210428
Lab Sample ID: 460-233141-2

Date Collected: 04/28/21 08:50
Matrix: Solid

Date Received: 04/28/21 18:00
Percent Solids: 75.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.089	U	0.089	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:11	1
Aroclor 1221	0.089	U	0.089	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:11	1
Aroclor 1232	0.089	U	0.089	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:11	1
Aroclor 1242	0.089	U	0.089	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:11	1
Aroclor 1248	0.089	U	0.089	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:11	1
Aroclor 1254	0.089	U	0.089	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:11	1
Aroclor 1260	0.089	U	0.089	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:11	1
Aroclor-1262	0.089	U	0.089	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:11	1
Aroclor 1268	0.089	U	0.089	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:11	1
Polychlorinated biphenyls, Total	0.089	U	0.089	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*37 - 150*	*04/30/21 18:29*	*05/03/21 15:11*	*1*
DCB Decachlorobiphenyl	*124*		*37 - 150*	*04/30/21 18:29*	*05/03/21 15:11*	*1*
Tetrachloro-m-xylene	*125*		*54 - 150*	*04/30/21 18:29*	*05/03/21 15:11*	*1*
Tetrachloro-m-xylene	*123*		*54 - 150*	*04/30/21 18:29*	*05/03/21 15:11*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13900**		25.0	3.3	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Antimony	1.3	U	1.3	0.18	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Arsenic	**2.8**		1.3	0.13	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Barium	**146**		2.5	0.18	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Beryllium	**0.54**		0.50	0.071	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Cadmium	1.3	U	1.3	0.14	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Calcium	**2800**		125	21.3	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Chromium	**23.6**		2.5	0.22	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Cobalt	**9.5**		2.5	0.19	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Copper	**16.9**		2.5	0.28	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Iron	**22600**		75.0	25.3	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Lead	**10.3**		0.75	0.25	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Magnesium	**5560**		125	12.8	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Manganese	**173**		5.0	0.50	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Nickel	**18.2**		2.5	0.24	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Potassium	**1630**		125	14.0	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Selenium	**0.29**	**J**	1.6	0.15	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Silver	1.3	U	1.3	0.11	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Sodium	**299**		125	19.5	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Thallium	**0.16**	**J**	0.50	0.051	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Vanadium	**31.2**		2.5	0.26	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1
Zinc	**84.9**		10.0	2.9	mg/Kg	☼	05/04/21 04:20	05/04/21 12:46	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.037**		0.021	0.0050	mg/Kg	☼	05/03/21 03:55	05/03/21 08:49	1

Client Sample ID: SB-04_0-2_20210428
Lab Sample ID: 460-233141-3

Date Collected: 04/28/21 09:26
Matrix: Solid

Date Received: 04/28/21 18:00
Percent Solids: 77.2

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00030	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00025	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00029	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.00025	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00032	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
2-Butanone (MEK)	0.0070	U	0.0070	0.00052	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
2-Hexanone	0.0070	U	0.0070	0.0024	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
4-Methyl-2-pentanone (MIBK)	0.0070	U *	0.0070	0.0022	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Acetone	0.0084	U	0.0084	0.0080	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Benzene	0.0014	U	0.0014	0.00036	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Chlorobenzene	0.0014	U	0.0014	0.00025	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Chlorobromomethane	0.0014	U	0.0014	0.00039	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Chlorodibromomethane	0.0014	U	0.0014	0.00027	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Chloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Ethylbenzene	0.0014	U	0.0014	0.00028	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Ethylene Dibromide	0.0014	U	0.0014	0.00025	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Methyl acetate	0.0070	U	0.0070	0.0060	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00072	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00024	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
n-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
N-Propylbenzene	0.0014	U	0.0014	0.00025	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
o-Xylene	0.0014	U	0.0014	0.00027	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1

Client Sample ID: SB-04_0-2_20210428
Lab Sample ID: 460-233141-3

Date Collected: 04/28/21 09:26
Matrix: Solid

Date Received: 04/28/21 18:00
Percent Solids: 77.2

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Vinyl chloride	0.0014	U	0.0014	0.00077	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1
Xylenes, Total	0.0028	U	0.0028	0.00090	mg/Kg	☼	04/29/21 16:37	05/04/21 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 145*	*04/29/21 16:37*	*05/04/21 01:35*	*1*
4-Bromofluorobenzene	*93*		*70 - 139*	*04/29/21 16:37*	*05/04/21 01:35*	*1*
Dibromofluoromethane (Surr)	*109*		*48 - 150*	*04/29/21 16:37*	*05/04/21 01:35*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*04/29/21 16:37*	*05/04/21 01:35*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.043	U	0.043	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
1,2-Dichlorobenzene	0.43	U	0.43	0.0073	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
1,3-Dichlorobenzene	0.43	U	0.43	0.0057	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
1,4-Dichlorobenzene	0.43	U	0.43	0.016	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
2,2'-oxybis[1-chloropropane]	0.43	U	0.43	0.0078	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
2,4-Dinitrotoluene	0.087	U	0.087	0.046	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
2,6-Dinitrotoluene	0.087	U	0.087	0.031	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
2-Chloronaphthalene	0.43	U	0.43	0.020	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
2-Methylnaphthalene	0.43	U	0.43	0.012	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
2-Nitroaniline	0.43	U	0.43	0.016	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
3,3'-Dichlorobenzidine	0.17	U	0.17	0.065	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
3-Nitroaniline	0.43	U	0.43	0.048	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
4-Bromophenyl phenyl ether	0.43	U	0.43	0.017	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
4-Chloroaniline	0.43	U	0.43	0.076	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
4-Chlorophenyl phenyl ether	0.43	U	0.43	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
4-Nitroaniline	0.43	U	0.43	0.049	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Acenaphthene	**0.014**	**J**	0.43	0.012	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Acenaphthylene	**0.025**	**J**	0.43	0.0043	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Anthracene	**0.067**	**J**	0.43	0.013	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Benzo[a]anthracene	**0.24**		0.043	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Benzo[a]pyrene	**0.28**		0.043	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Benzo[b]fluoranthene	**0.31**		0.043	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Benzo[g,h,i]perylene	**0.18**	**J**	0.43	0.013	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Benzo[k]fluoranthene	**0.17**		0.043	0.0084	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Bis(2-chloroethoxy)methane	0.43	U	0.43	0.033	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Bis(2-chloroethyl)ether	0.043	U	0.043	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Bis(2-ethylhexyl) phthalate	0.43	U	0.43	0.023	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Butyl benzyl phthalate	0.43	U	0.43	0.020	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Carbazole	0.43	U	0.43	0.016	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Chrysene	**0.33**	**J**	0.43	0.0072	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Dibenz(a,h)anthracene	**0.033**	**J**	0.043	0.019	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Dibenzofuran	0.43	U	0.43	0.0060	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1

Client Sample ID: SB-04_0-2_20210428
Lab Sample ID: 460-233141-3

Date Collected: 04/28/21 09:26
Matrix: Solid

Date Received: 04/28/21 18:00
Percent Solids: 77.2

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.43	U	0.43	0.0062	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Dimethyl phthalate	0.43	U	0.43	0.097	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Di-n-butyl phthalate	0.43	U	0.43	0.016	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Di-n-octyl phthalate	0.43	U	0.43	0.023	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Fluoranthene	**0.36**	**J**	0.43	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Fluorene	**0.012**	**J**	0.43	0.0058	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Hexachlorobenzene	0.043	U	0.043	0.020	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Hexachlorobutadiene	0.087	U	0.087	0.0091	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Hexachlorocyclopentadiene	0.43	U	0.43	0.038	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Hexachloroethane	0.043	U	0.043	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Indeno[1,2,3-cd]pyrene	**0.17**		0.043	0.017	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Isophorone	0.17	U	0.17	0.12	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Naphthalene	**0.024**	**J**	0.43	0.0074	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Nitrobenzene	0.043	U	0.043	0.010	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
N-Nitrosodi-n-propylamine	0.043	U	0.043	0.031	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
N-Nitrosodiphenylamine	0.43	U	0.43	0.035	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Phenanthrene	**0.30**	**J**	0.43	0.0075	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1
Pyrene	**0.50**		0.43	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*14 - 103*	*04/29/21 20:42*	*04/30/21 18:32*	*1*
Nitrobenzene-d5 (Surr)	*60*		*11 - 104*	*04/29/21 20:42*	*04/30/21 18:32*	*1*
Terphenyl-d14 (Surr)	*76*		*12 - 126*	*04/29/21 20:42*	*04/30/21 18:32*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.087	U	0.087	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:27	1
Aroclor 1221	0.087	U	0.087	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:27	1
Aroclor 1232	0.087	U	0.087	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:27	1
Aroclor 1242	0.087	U	0.087	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:27	1
Aroclor 1248	0.087	U	0.087	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:27	1
Aroclor 1254	0.087	U	0.087	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:27	1
Aroclor 1260	0.087	U	0.087	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:27	1
Aroclor-1262	0.087	U	0.087	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:27	1
Aroclor 1268	0.087	U	0.087	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:27	1
Polychlorinated biphenyls, Total	0.087	U	0.087	0.012	mg/Kg	☼	04/30/21 18:29	05/03/21 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*114*		*37 - 150*	*04/30/21 18:29*	*05/03/21 15:27*	*1*
DCB Decachlorobiphenyl	*118*		*37 - 150*	*04/30/21 18:29*	*05/03/21 15:27*	*1*
Tetrachloro-m-xylene	*115*		*54 - 150*	*04/30/21 18:29*	*05/03/21 15:27*	*1*
Tetrachloro-m-xylene	*116*		*54 - 150*	*04/30/21 18:29*	*05/03/21 15:27*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10100**		24.2	3.1	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Antimony	**0.84**	**J**	1.2	0.18	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Arsenic	**8.3**		1.2	0.12	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Barium	**745**		2.4	0.18	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Beryllium	**0.42**	**J**	0.48	0.069	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1

Client Sample ID: SB-04_0-2_20210428
Lab Sample ID: 460-233141-3
Date Collected: 04/28/21 09:26
Matrix: Solid
Date Received: 04/28/21 18:00
Percent Solids: 77.2

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.90	J	1.2	0.14	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Calcium	10100		121	20.6	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Chromium	69.5		2.4	0.21	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Cobalt	7.5		2.4	0.18	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Copper	104		2.4	0.27	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Iron	23600		72.6	24.5	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Lead	1170		0.73	0.24	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Magnesium	4340		121	12.4	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Manganese	348		4.8	0.49	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Nickel	18.9		2.4	0.23	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Potassium	1570		121	13.6	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Selenium	0.43	J	1.5	0.14	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Silver	0.74	J	1.2	0.11	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Sodium	248		121	18.9	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Thallium	0.16	J	0.48	0.050	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Vanadium	35.7		2.4	0.25	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1
Zinc	751		9.7	2.8	mg/Kg	☼	05/04/21 04:20	05/04/21 12:48	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.37		0.021	0.0050	mg/Kg	☼	05/03/21 03:55	05/03/21 08:55	1

Client Sample ID: SB-04_4-6_20210428
Lab Sample ID: 460-233141-4
Date Collected: 04/28/21 09:29
Matrix: Solid
Date Received: 04/28/21 18:00
Percent Solids: 80.8

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
4-Methyl-2-pentanone (MIBK)	0.0061	U *	0.0061	0.0019	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Acetone	0.0073	U	0.0073	0.0069	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Benzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1

Client Sample ID: SB-04_4-6_20210428
Lab Sample ID: 460-233141-4

Date Collected: 04/28/21 09:29
Matrix: Solid

Date Received: 04/28/21 18:00
Percent Solids: 80.8

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Chlorobromomethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Chlorodibromomethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Ethylbenzene	0.0012	U	0.0012	0.00024	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Ethylene Dibromide	0.0012	U	0.0012	0.00022	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
n-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
N-Propylbenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
o-Xylene	0.0012	U	0.0012	0.00024	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
sec-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Tetrachloroethene	**0.00040**	**J**	0.0012	0.00037	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1
Xylenes, Total	0.0024	U	0.0024	0.00078	mg/Kg	☼	04/29/21 16:38	05/04/21 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 145*	*04/29/21 16:38*	*05/04/21 02:00*	*1*
4-Bromofluorobenzene	*103*		*70 - 139*	*04/29/21 16:38*	*05/04/21 02:00*	*1*
Dibromofluoromethane (Surr)	*119*		*48 - 150*	*04/29/21 16:38*	*05/04/21 02:00*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*	*04/29/21 16:38*	*05/04/21 02:00*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.041	U	0.041	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
1,2-Dichlorobenzene	0.41	U	0.41	0.0070	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
1,3-Dichlorobenzene	0.41	U	0.41	0.0054	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
1,4-Dichlorobenzene	0.41	U	0.41	0.016	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
2,2'-oxybis[1-chloropropane]	0.41	U	0.41	0.0074	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1

Client Sample ID: SB-04_4-6_20210428
Lab Sample ID: 460-233141-4

Date Collected: 04/28/21 09:29
Matrix: Solid

Date Received: 04/28/21 18:00
Percent Solids: 80.8

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.083	U	0.083	0.044	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
2,6-Dinitrotoluene	0.083	U	0.083	0.030	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
2-Chloronaphthalene	0.41	U	0.41	0.019	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
2-Methylnaphthalene	0.41	U	0.41	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
2-Nitroaniline	0.41	U	0.41	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.062	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
3-Nitroaniline	0.41	U	0.41	0.046	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
4-Bromophenyl phenyl ether	0.41	U	0.41	0.016	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
4-Chloroaniline	0.41	U	0.41	0.073	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
4-Chlorophenyl phenyl ether	0.41	U	0.41	0.014	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
4-Nitroaniline	0.41	U	0.41	0.047	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Acenaphthene	0.41	U	0.41	0.012	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Acenaphthylene	0.41	U	0.41	0.0041	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Anthracene	0.41	U	0.41	0.012	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Benzo[a]anthracene	**0.019**	**J**	0.041	0.014	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Benzo[a]pyrene	**0.017**	**J**	0.041	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Benzo[b]fluoranthene	**0.018**	**J**	0.041	0.011	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Benzo[g,h,i]perylene	0.41	U	0.41	0.012	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Benzo[k]fluoranthene	0.041	U	0.041	0.0080	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Bis(2-chloroethoxy)methane	0.41	U	0.41	0.032	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Bis(2-chloroethyl)ether	0.041	U	0.041	0.014	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Bis(2-ethylhexyl) phthalate	0.41	U	0.41	0.022	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Butyl benzyl phthalate	0.41	U	0.41	0.019	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Carbazole	0.41	U	0.41	0.016	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Chrysene	**0.013**	**J**	0.41	0.0069	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Dibenz(a,h)anthracene	0.041	U	0.041	0.018	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Dibenzofuran	0.41	U	0.41	0.0058	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Diethyl phthalate	0.41	U	0.41	0.0059	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Dimethyl phthalate	0.41	U	0.41	0.093	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Di-n-butyl phthalate	0.41	U	0.41	0.015	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Di-n-octyl phthalate	0.41	U	0.41	0.022	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Fluoranthene	**0.022**	**J**	0.41	0.014	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Fluorene	0.41	U	0.41	0.0056	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Hexachlorobenzene	0.041	U	0.041	0.019	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Hexachlorobutadiene	0.083	U	0.083	0.0087	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Hexachlorocyclopentadiene	0.41	U	0.41	0.036	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Hexachloroethane	0.041	U	0.041	0.014	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Indeno[1,2,3-cd]pyrene	0.041	U	0.041	0.016	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Isophorone	0.16	U	0.16	0.12	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Naphthalene	0.41	U	0.41	0.0071	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Nitrobenzene	0.041	U	0.041	0.0098	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
N-Nitrosodi-n-propylamine	0.041	U	0.041	0.030	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
N-Nitrosodiphenylamine	0.41	U	0.41	0.034	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Phenanthrene	**0.018**	**J**	0.41	0.0072	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1
Pyrene	**0.025**	**J**	0.41	0.010	mg/Kg	☼	04/29/21 20:42	04/30/21 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*14 - 103*	*04/29/21 20:42*	*04/30/21 15:54*	*1*
Nitrobenzene-d5 (Surr)	*74*		*11 - 104*	*04/29/21 20:42*	*04/30/21 15:54*	*1*
Terphenyl-d14 (Surr)	*89*		*12 - 126*	*04/29/21 20:42*	*04/30/21 15:54*	*1*

Client Sample ID: SB-04_4-6_20210428
Lab Sample ID: 460-233141-4

Date Collected: 04/28/21 09:29
Matrix: Solid

Date Received: 04/28/21 18:00
Percent Solids: 80.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.083	U	0.083	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 15:43	1
Aroclor 1221	0.083	U	0.083	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 15:43	1
Aroclor 1232	0.083	U	0.083	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 15:43	1
Aroclor 1242	0.083	U	0.083	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 15:43	1
Aroclor 1248	0.083	U	0.083	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 15:43	1
Aroclor 1254	0.083	U	0.083	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 15:43	1
Aroclor 1260	0.083	U	0.083	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 15:43	1
Aroclor-1262	0.083	U	0.083	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 15:43	1
Aroclor 1268	0.083	U	0.083	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 15:43	1
Polychlorinated biphenyls, Total	0.083	U	0.083	0.011	mg/Kg	☼	04/30/21 18:29	05/03/21 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*37 - 150*	*04/30/21 18:29*	*05/03/21 15:43*	*1*
DCB Decachlorobiphenyl	*112*		*37 - 150*	*04/30/21 18:29*	*05/03/21 15:43*	*1*
Tetrachloro-m-xylene	*113*		*54 - 150*	*04/30/21 18:29*	*05/03/21 15:43*	*1*
Tetrachloro-m-xylene	*111*		*54 - 150*	*04/30/21 18:29*	*05/03/21 15:43*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10300**		23.4	3.0	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Antimony	**0.26**	**J**	1.2	0.17	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Arsenic	**4.0**		1.2	0.12	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Barium	**74.9**		2.3	0.17	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Beryllium	**0.35**	**J**	0.47	0.067	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Cadmium	**0.16**	**J**	1.2	0.13	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Calcium	**8870**		117	19.9	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Chromium	**16.5**		2.3	0.20	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Cobalt	**7.5**		2.3	0.17	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Copper	**20.0**		2.3	0.26	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Iron	**16700**		70.1	23.6	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Lead	**62.8**		0.70	0.23	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Magnesium	**6960**		117	11.9	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Manganese	**371**		4.7	0.47	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Nickel	**13.5**		2.3	0.23	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Potassium	**1580**		117	13.1	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Selenium	**0.14**	**J**	1.5	0.14	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Silver	1.2	U	1.2	0.10	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Sodium	**140**		117	18.2	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Thallium	**0.18**	**J**	0.47	0.048	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Vanadium	**25.3**		2.3	0.24	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1
Zinc	**74.4**		9.3	2.7	mg/Kg	☼	05/04/21 04:20	05/04/21 12:50	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.22**		0.019	0.0045	mg/Kg	☼	05/03/21 03:55	05/03/21 08:57	1

Surrogate Summary

Client: AKRF Inc
Job ID: 460-233141-1
Project/Site: Brookfield Commons - 159 South Lexington

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-145)	(70-139)	(48-150)	(80-120)
460-233141-1	SB-03_0-2_20210428	90	90	104	103
460-233141-2	SB-03_7-9_20210428	94	94	110	103
460-233141-3	SB-04_0-2_20210428	94	93	109	104
460-233141-4	SB-04_4-6_20210428	100	103	119	114
LB3 460-774864/1-A	Method Blank	94	95	111	106
LCS 460-775506/3	Lab Control Sample	97	96	106	102
LCSD 460-775506/4	Lab Control Sample Dup	92	94	106	102
MB 460-775506/7	Method Blank	99	99	113	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(14-103)	(11-104)	(12-126)
460-233141-1	SB-03_0-2_20210428	67	68	88
460-233141-2	SB-03_7-9_20210428	67	67	86
460-233141-3	SB-04_0-2_20210428	60	60	76
460-233141-4	SB-04_4-6_20210428	68	74	89
LCS 460-774905/2-A	Lab Control Sample	67	72	75
LCSD 460-774905/3-A	Lab Control Sample Dup	66	72	76
MB 460-774905/1-A	Method Blank	65	74	80

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(37-150)	(37-150)	(54-150)	(54-150)
460-233141-1	SB-03_0-2_20210428	119	109	116	110
460-233141-2	SB-03_7-9_20210428	124	117	123	125
460-233141-3	SB-04_0-2_20210428	118	114	116	115
460-233141-4	SB-04_4-6_20210428	112	106	111	113
LCS 460-775107/2-A	Lab Control Sample	110	105	115	113
LCSD 460-775107/3-A	Lab Control Sample Dup	103	98	106	104
MB 460-775107/1-A	Method Blank	110	102	109	108

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-774864/1-A
Matrix: Solid
Analysis Batch: 775506

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774864

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
N-Propylbenzene	0.0010	U	0.0010	0.00018	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		04/29/21 16:28	05/04/21 00:18	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-774864/1-A
Matrix: Solid
Analysis Batch: 775506

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774864

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.000339	J	0.0010	0.00028	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		04/29/21 16:28	05/04/21 00:18	1
Xylenes, Total	0.0020	U	0.0020	0.00064	mg/Kg		04/29/21 16:28	05/04/21 00:18	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 145*	*04/29/21 16:28*	*05/04/21 00:18*	*1*
4-Bromofluorobenzene	*95*		*70 - 139*	*04/29/21 16:28*	*05/04/21 00:18*	*1*
Dibromofluoromethane (Surr)	*111*		*48 - 150*	*04/29/21 16:28*	*05/04/21 00:18*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*04/29/21 16:28*	*05/04/21 00:18*	*1*

Lab Sample ID: MB 460-775506/7
Matrix: Solid
Analysis Batch: 775506

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/03/21 21:02	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			05/03/21 21:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/03/21 21:02	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			05/03/21 21:02	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			05/03/21 21:02	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/03/21 21:02	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			05/03/21 21:02	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/03/21 21:02	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			05/03/21 21:02	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/03/21 21:02	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/03/21 21:02	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/03/21 21:02	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/03/21 21:02	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			05/03/21 21:02	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/03/21 21:02	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			05/03/21 21:02	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/03/21 21:02	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/03/21 21:02	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/03/21 21:02	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/03/21 21:02	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			05/03/21 21:02	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/03/21 21:02	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/03/21 21:02	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/03/21 21:02	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/03/21 21:02	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			05/03/21 21:02	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-775506/7
Matrix: Solid
Analysis Batch: 775506

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			05/03/21 21:02	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			05/03/21 21:02	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/03/21 21:02	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/03/21 21:02	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/03/21 21:02	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/03/21 21:02	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/03/21 21:02	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/03/21 21:02	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/03/21 21:02	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/03/21 21:02	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			05/03/21 21:02	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			05/03/21 21:02	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/03/21 21:02	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/03/21 21:02	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/03/21 21:02	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/03/21 21:02	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/03/21 21:02	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg			05/03/21 21:02	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/03/21 21:02	1
N-Propylbenzene	0.0010	U	0.0010	0.00018	mg/Kg			05/03/21 21:02	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg			05/03/21 21:02	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/03/21 21:02	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/03/21 21:02	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			05/03/21 21:02	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/03/21 21:02	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/03/21 21:02	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/03/21 21:02	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/03/21 21:02	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/03/21 21:02	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/03/21 21:02	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/03/21 21:02	1
Xylenes, Total	0.0020	U	0.0020	0.00064	mg/Kg			05/03/21 21:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 145*		*05/03/21 21:02*	*1*
4-Bromofluorobenzene	*99*		*70 - 139*		*05/03/21 21:02*	*1*
Dibromofluoromethane (Surr)	*113*		*48 - 150*		*05/03/21 21:02*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/03/21 21:02*	*1*

Lab Sample ID: LCS 460-775506/3
Matrix: Solid
Analysis Batch: 775506

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0189		mg/Kg		95	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0193		mg/Kg		97	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0194		mg/Kg		97	78 - 136
1,1,2-Trichloroethane	0.0200	0.0189		mg/Kg		95	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-775506/3
Matrix: Solid
Analysis Batch: 775506

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	0.0200	0.0182		mg/Kg		91	76 - 129
1,1-Dichloroethene	0.0200	0.0202		mg/Kg		101	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	65 - 144
1,2,4-Trichlorobenzene	0.0200	0.0197		mg/Kg		98	75 - 120
1,2,4-Trimethylbenzene	0.0200	0.0190		mg/Kg		95	79 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0231		mg/Kg		115	60 - 126
1,2-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120
1,2-Dichloroethane	0.0200	0.0179		mg/Kg		89	70 - 132
1,2-Dichloropropane	0.0200	0.0182		mg/Kg		91	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0192		mg/Kg		96	79 - 120
1,3-Dichlorobenzene	0.0200	0.0187		mg/Kg		93	80 - 120
1,4-Dichlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120
2-Butanone (MEK)	0.100	0.0998		mg/Kg		100	75 - 120
2-Hexanone	0.100	0.0799		mg/Kg		80	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0780	*	mg/Kg		78	80 - 122
Acetone	0.100	0.0829		mg/Kg		83	63 - 131
Benzene	0.0200	0.0197		mg/Kg		98	80 - 123
Bromoform	0.0200	0.0177		mg/Kg		89	48 - 142
Bromomethane	0.0200	0.0215		mg/Kg		107	46 - 150
Carbon disulfide	0.0200	0.0194		mg/Kg		97	67 - 136
Carbon tetrachloride	0.0200	0.0188		mg/Kg		94	72 - 136
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0211		mg/Kg		106	76 - 127
Chlorodibromomethane	0.0200	0.0184		mg/Kg		92	62 - 128
Chloroethane	0.0200	0.0179		mg/Kg		89	49 - 150
Chloroform	0.0200	0.0191		mg/Kg		96	79 - 126
Chloromethane	0.0200	0.0199		mg/Kg		100	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0215		mg/Kg		108	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0198		mg/Kg		99	72 - 120
Cyclohexane	0.0200	0.0201		mg/Kg		100	80 - 132
Dichlorobromomethane	0.0200	0.0186		mg/Kg		93	73 - 124
Dichlorodifluoromethane	0.0200	0.0176		mg/Kg		88	40 - 146
Ethylbenzene	0.0200	0.0196		mg/Kg		98	80 - 120
Ethylene Dibromide	0.0200	0.0202		mg/Kg		101	79 - 120
Isopropylbenzene	0.0200	0.0197		mg/Kg		98	80 - 120
Methyl acetate	0.0400	0.0379		mg/Kg		95	58 - 143
Methyl tert-butyl ether	0.0200	0.0185		mg/Kg		93	80 - 125
Methylcyclohexane	0.0200	0.0199		mg/Kg		99	79 - 133
Methylene Chloride	0.0200	0.0204		mg/Kg		102	76 - 127
m-Xylene & p-Xylene	0.0200	0.0203		mg/Kg		102	80 - 120
n-Butylbenzene	0.0200	0.0183		mg/Kg		92	77 - 123
N-Propylbenzene	0.0200	0.0195		mg/Kg		97	78 - 120
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120
sec-Butylbenzene	0.0200	0.0191		mg/Kg		95	78 - 120
Styrene	0.0200	0.0193		mg/Kg		96	80 - 120
tert-Butylbenzene	0.0200	0.0200		mg/Kg		100	76 - 120
Tetrachloroethene	0.0200	0.0185		mg/Kg		92	78 - 123
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		102	78 - 128

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-775506/3
Matrix: Solid
Analysis Batch: 775506

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
trans-1,3-Dichloropropene			0.0200	0.0184		mg/Kg		92	68 - 120		
Trichloroethene			0.0200	0.0193		mg/Kg		97	79 - 120		
Trichlorofluoromethane			0.0200	0.0203		mg/Kg		102	67 - 142		
Vinyl chloride			0.0200	0.0216		mg/Kg		108	56 - 147		
Xylenes, Total			0.0400	0.0398		mg/Kg		99	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 145*
4-Bromofluorobenzene	*96*		*70 - 139*
Dibromofluoromethane (Surr)	*106*		*48 - 150*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-775506/4
Matrix: Solid
Analysis Batch: 775506

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0175		mg/Kg		88	78 - 132	8	30
1,1,2,2-Tetrachloroethane			0.0200	0.0180		mg/Kg		90	69 - 123	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0179		mg/Kg		89	78 - 136	8	30
1,1,2-Trichloroethane			0.0200	0.0176		mg/Kg		88	75 - 120	7	30
1,1-Dichloroethane			0.0200	0.0169		mg/Kg		85	76 - 129	7	30
1,1-Dichloroethene			0.0200	0.0197		mg/Kg		98	77 - 132	2	30
1,2,3-Trichlorobenzene			0.0200	0.0184		mg/Kg		92	65 - 144	8	30
1,2,4-Trichlorobenzene			0.0200	0.0180		mg/Kg		90	75 - 120	9	30
1,2,4-Trimethylbenzene			0.0200	0.0179		mg/Kg		90	79 - 120	6	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0217		mg/Kg		109	60 - 126	6	30
1,2-Dichlorobenzene			0.0200	0.0176		mg/Kg		88	80 - 120	9	30
1,2-Dichloroethane			0.0200	0.0168		mg/Kg		84	70 - 132	6	30
1,2-Dichloropropane			0.0200	0.0174		mg/Kg		87	73 - 124	5	30
1,3,5-Trimethylbenzene			0.0200	0.0181		mg/Kg		90	79 - 120	6	30
1,3-Dichlorobenzene			0.0200	0.0176		mg/Kg		88	80 - 120	6	30
1,4-Dichlorobenzene			0.0200	0.0177		mg/Kg		89	80 - 120	5	30
2-Butanone (MEK)			0.100	0.103		mg/Kg		103	75 - 120	3	30
2-Hexanone			0.100	0.0831		mg/Kg		83	78 - 120	4	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0819		mg/Kg		82	80 - 122	5	30
Acetone			0.100	0.0900		mg/Kg		90	63 - 131	8	30
Benzene			0.0200	0.0185		mg/Kg		92	80 - 123	6	30
Bromoform			0.0200	0.0158		mg/Kg		79	48 - 142	11	30
Bromomethane			0.0200	0.0192		mg/Kg		96	46 - 150	11	30
Carbon disulfide			0.0200	0.0180		mg/Kg		90	67 - 136	8	30
Carbon tetrachloride			0.0200	0.0171		mg/Kg		86	72 - 136	10	30
Chlorobenzene			0.0200	0.0184		mg/Kg		92	80 - 120	5	30
Chlorobromomethane			0.0200	0.0201		mg/Kg		100	76 - 127	5	30
Chlorodibromomethane			0.0200	0.0183		mg/Kg		91	62 - 128	1	30
Chloroethane			0.0200	0.0169		mg/Kg		84	49 - 150	6	30
Chloroform			0.0200	0.0179		mg/Kg		89	79 - 126	7	30
Chloromethane			0.0200	0.0169		mg/Kg		85	48 - 150	16	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-775506/4
Matrix: Solid
Analysis Batch: 775506

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			0.0200	0.0197		mg/Kg		99	80 - 123	9	30
cis-1,3-Dichloropropene			0.0200	0.0189		mg/Kg		95	72 - 120	4	30
Cyclohexane			0.0200	0.0181		mg/Kg		91	80 - 132	10	30
Dichlorobromomethane			0.0200	0.0180		mg/Kg		90	73 - 124	3	30
Dichlorodifluoromethane			0.0200	0.0152		mg/Kg		76	40 - 146	15	30
Ethylbenzene			0.0200	0.0185		mg/Kg		92	80 - 120	6	30
Ethylene Dibromide			0.0200	0.0187		mg/Kg		94	79 - 120	7	30
Isopropylbenzene			0.0200	0.0182		mg/Kg		91	80 - 120	8	30
Methyl acetate			0.0400	0.0350		mg/Kg		87	58 - 143	8	30
Methyl tert-butyl ether			0.0200	0.0164		mg/Kg		82	80 - 125	12	30
Methylcyclohexane			0.0200	0.0179		mg/Kg		90	79 - 133	10	30
Methylene Chloride			0.0200	0.0201		mg/Kg		100	76 - 127	1	30
m-Xylene & p-Xylene			0.0200	0.0191		mg/Kg		96	80 - 120	6	30
n-Butylbenzene			0.0200	0.0170		mg/Kg		85	77 - 123	8	30
N-Propylbenzene			0.0200	0.0179		mg/Kg		89	78 - 120	9	30
o-Xylene			0.0200	0.0186		mg/Kg		93	80 - 120	4	30
sec-Butylbenzene			0.0200	0.0183		mg/Kg		92	78 - 120	4	30
Styrene			0.0200	0.0179		mg/Kg		89	80 - 120	8	30
tert-Butylbenzene			0.0200	0.0191		mg/Kg		96	76 - 120	5	30
Tetrachloroethene			0.0200	0.0175		mg/Kg		87	78 - 123	6	30
Toluene			0.0200	0.0186		mg/Kg		93	80 - 120	4	30
trans-1,2-Dichloroethene			0.0200	0.0189		mg/Kg		95	78 - 128	8	30
trans-1,3-Dichloropropene			0.0200	0.0180		mg/Kg		90	68 - 120	2	30
Trichloroethene			0.0200	0.0188		mg/Kg		94	79 - 120	3	30
Trichlorofluoromethane			0.0200	0.0176		mg/Kg		88	67 - 142	14	30
Vinyl chloride			0.0200	0.0185		mg/Kg		93	56 - 147	15	30
Xylenes, Total			0.0400	0.0377		mg/Kg		94	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 145*
4-Bromofluorobenzene	*94*		*70 - 139*
Dibromofluoromethane (Surr)	*106*		*48 - 150*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-774905/1-A
Matrix: Solid
Analysis Batch: 775016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774905

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.033	U	0.033	0.0085	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
1,2-Dichlorobenzene	0.33	U	0.33	0.0056	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
1,3-Dichlorobenzene	0.33	U	0.33	0.0044	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
1,4-Dichlorobenzene	0.33	U	0.33	0.013	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.0060	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
2-Chloronaphthalene	0.33	U	0.33	0.015	mg/Kg		04/29/21 20:42	04/30/21 10:40	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-774905/1-A
Matrix: Solid
Analysis Batch: 775016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774905

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
2-Nitroaniline	0.33	U	0.33	0.012	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
3-Nitroaniline	0.33	U	0.33	0.037	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
4-Nitroaniline	0.33	U	0.33	0.038	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Acenaphthylene	0.33	U	0.33	0.0033	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Benzo[a]anthracene	0.033	U	0.033	0.012	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Chrysene	0.33	U	0.33	0.0056	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Dibenzofuran	0.33	U	0.33	0.0046	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Diethyl phthalate	0.33	U	0.33	0.0048	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Fluorene	0.33	U	0.33	0.0045	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Nitrobenzene	0.033	U	0.033	0.0079	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Phenanthrene	0.33	U	0.33	0.0058	mg/Kg		04/29/21 20:42	04/30/21 10:40	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		04/29/21 20:42	04/30/21 10:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*14 - 103*	*04/29/21 20:42*	*04/30/21 10:40*	*1*
Nitrobenzene-d5 (Surr)	*74*		*11 - 104*	*04/29/21 20:42*	*04/30/21 10:40*	*1*
Terphenyl-d14 (Surr)	*80*		*12 - 126*	*04/29/21 20:42*	*04/30/21 10:40*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-774905/2-A
Matrix: Solid
Analysis Batch: 775016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 774905

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	2.67	2.41		mg/Kg		90	63 - 107
1,2-Dichlorobenzene	2.67	2.32		mg/Kg		87	60 - 100
1,3-Dichlorobenzene	2.67	2.22		mg/Kg		83	59 - 99
1,4-Dichlorobenzene	2.67	2.32		mg/Kg		87	60 - 100
2,2'-oxybis[1-chloropropane]	2.67	2.23		mg/Kg		84	49 - 109
2,4-Dinitrotoluene	2.67	2.79		mg/Kg		105	65 - 124
2,6-Dinitrotoluene	2.67	3.04		mg/Kg		114	67 - 121
2-Chloronaphthalene	2.67	2.34		mg/Kg		88	65 - 109
2-Methylnaphthalene	2.67	2.25		mg/Kg		85	64 - 108
2-Nitroaniline	2.67	2.60		mg/Kg		97	59 - 119
3,3'-Dichlorobenzidine	2.67	1.35		mg/Kg		51	17 - 101
3-Nitroaniline	2.67	2.28		mg/Kg		86	31 - 102
4-Bromophenyl phenyl ether	2.67	2.24		mg/Kg		84	67 - 113
4-Chloroaniline	2.67	1.64		mg/Kg		62	20 - 98
4-Chlorophenyl phenyl ether	2.67	2.35		mg/Kg		88	66 - 110
4-Nitroaniline	2.67	2.45		mg/Kg		92	50 - 110
Acenaphthene	2.67	2.00		mg/Kg		75	53 - 110
Acenaphthylene	2.67	2.25		mg/Kg		84	64 - 108
Anthracene	2.67	2.26		mg/Kg		85	67 - 114
Benzo[a]anthracene	2.67	2.08		mg/Kg		78	67 - 115
Benzo[a]pyrene	2.67	2.66		mg/Kg		100	73 - 123
Benzo[b]fluoranthene	2.67	2.38		mg/Kg		89	70 - 125
Benzo[g,h,i]perylene	2.67	2.15		mg/Kg		81	61 - 113
Benzo[k]fluoranthene	2.67	2.71		mg/Kg		102	67 - 115
Bis(2-chloroethoxy)methane	2.67	2.18		mg/Kg		82	62 - 107
Bis(2-chloroethyl)ether	2.67	2.42		mg/Kg		91	60 - 107
Bis(2-ethylhexyl) phthalate	2.67	2.20		mg/Kg		83	59 - 111
Butyl benzyl phthalate	2.67	2.28		mg/Kg		85	62 - 113
Carbazole	2.67	2.06		mg/Kg		77	64 - 113
Chrysene	2.67	2.23		mg/Kg		84	71 - 122
Dibenz(a,h)anthracene	2.67	2.36		mg/Kg		88	66 - 119
Dibenzofuran	2.67	2.27		mg/Kg		85	65 - 108
Diethyl phthalate	2.67	2.22		mg/Kg		83	63 - 109
Dimethyl phthalate	2.67	2.31		mg/Kg		87	65 - 109
Di-n-butyl phthalate	2.67	2.12		mg/Kg		79	66 - 114
Di-n-octyl phthalate	2.67	2.60		mg/Kg		97	65 - 122
Fluoranthene	2.67	2.13		mg/Kg		80	61 - 106
Fluorene	2.67	2.22		mg/Kg		83	65 - 109
Hexachlorobenzene	2.67	2.35		mg/Kg		88	61 - 113
Hexachlorobutadiene	2.67	2.65		mg/Kg		99	62 - 109
Hexachlorocyclopentadiene	2.67	2.21		mg/Kg		83	42 - 118
Hexachloroethane	2.67	2.39		mg/Kg		90	61 - 102
Indeno[1,2,3-cd]pyrene	2.67	2.23		mg/Kg		84	62 - 121
Isophorone	2.67	2.31		mg/Kg		87	63 - 107
Naphthalene	2.67	2.27		mg/Kg		85	63 - 106
Nitrobenzene	2.67	2.58		mg/Kg		97	63 - 110
N-Nitrosodi-n-propylamine	2.67	2.18		mg/Kg		82	61 - 108
N-Nitrosodiphenylamine	2.67	2.15		mg/Kg		80	67 - 113

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-774905/2-A
Matrix: Solid
Analysis Batch: 775016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 774905

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Phenanthrene			2.67	2.02		mg/Kg		76	66 - 112		
Pyrene			2.67	2.24		mg/Kg		84	61 - 111		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*67*		*14 - 103*
Nitrobenzene-d5 (Surr)	*72*		*11 - 104*
Terphenyl-d14 (Surr)	*75*		*12 - 126*

Lab Sample ID: LCSD 460-774905/3-A
Matrix: Solid
Analysis Batch: 775016

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 774905

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			2.67	2.42		mg/Kg		91	63 - 107	0	30
1,2-Dichlorobenzene			2.67	2.39		mg/Kg		90	60 - 100	3	30
1,3-Dichlorobenzene			2.67	2.21		mg/Kg		83	59 - 99	0	30
1,4-Dichlorobenzene			2.67	2.35		mg/Kg		88	60 - 100	1	30
2,2'-oxybis[1-chloropropane]			2.67	2.24		mg/Kg		84	49 - 109	0	30
2,4-Dinitrotoluene			2.67	2.73		mg/Kg		102	65 - 124	2	30
2,6-Dinitrotoluene			2.67	3.01		mg/Kg		113	67 - 121	1	30
2-Chloronaphthalene			2.67	2.34		mg/Kg		88	65 - 109	0	30
2-Methylnaphthalene			2.67	2.25		mg/Kg		84	64 - 108	0	30
2-Nitroaniline			2.67	2.56		mg/Kg		96	59 - 119	1	30
3,3'-Dichlorobenzidine			2.67	1.37		mg/Kg		51	17 - 101	1	30
3-Nitroaniline			2.67	2.25		mg/Kg		85	31 - 102	1	30
4-Bromophenyl phenyl ether			2.67	2.22		mg/Kg		83	67 - 113	1	30
4-Chloroaniline			2.67	1.63		mg/Kg		61	20 - 98	1	30
4-Chlorophenyl phenyl ether			2.67	2.31		mg/Kg		87	66 - 110	2	30
4-Nitroaniline			2.67	2.39		mg/Kg		90	50 - 110	2	30
Acenaphthene			2.67	1.98		mg/Kg		74	53 - 110	1	30
Acenaphthylene			2.67	2.22		mg/Kg		83	64 - 108	1	30
Anthracene			2.67	2.25		mg/Kg		84	67 - 114	0	30
Benzo[a]anthracene			2.67	2.00		mg/Kg		75	67 - 115	4	30
Benzo[a]pyrene			2.67	2.65		mg/Kg		99	73 - 123	1	30
Benzo[b]fluoranthene			2.67	2.44		mg/Kg		92	70 - 125	2	30
Benzo[g,h,i]perylene			2.67	2.13		mg/Kg		80	61 - 113	1	30
Benzo[k]fluoranthene			2.67	2.61		mg/Kg		98	67 - 115	4	30
Bis(2-chloroethoxy)methane			2.67	2.20		mg/Kg		83	62 - 107	1	30
Bis(2-chloroethyl)ether			2.67	2.39		mg/Kg		90	60 - 107	1	30
Bis(2-ethylhexyl) phthalate			2.67	2.18		mg/Kg		82	59 - 111	1	30
Butyl benzyl phthalate			2.67	2.28		mg/Kg		85	62 - 113	0	30
Carbazole			2.67	2.09		mg/Kg		78	64 - 113	1	30
Chrysene			2.67	2.32		mg/Kg		87	71 - 122	4	30
Dibenz(a,h)anthracene			2.67	2.33		mg/Kg		87	66 - 119	1	30
Dibenzofuran			2.67	2.25		mg/Kg		84	65 - 108	1	30
Diethyl phthalate			2.67	2.19		mg/Kg		82	63 - 109	2	30
Dimethyl phthalate			2.67	2.27		mg/Kg		85	65 - 109	2	30
Di-n-butyl phthalate			2.67	2.12		mg/Kg		80	66 - 114	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-774905/3-A
Matrix: Solid
Analysis Batch: 775016

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 774905

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Di-n-octyl phthalate			2.67	2.64		mg/Kg		99	65 - 122	2	30
Fluoranthene			2.67	2.13		mg/Kg		80	61 - 106	0	30
Fluorene			2.67	2.23		mg/Kg		84	65 - 109	1	30
Hexachlorobenzene			2.67	2.37		mg/Kg		89	61 - 113	1	30
Hexachlorobutadiene			2.67	2.61		mg/Kg		98	62 - 109	2	30
Hexachlorocyclopentadiene			2.67	2.29		mg/Kg		86	42 - 118	4	30
Hexachloroethane			2.67	2.45		mg/Kg		92	61 - 102	2	30
Indeno[1,2,3-cd]pyrene			2.67	2.24		mg/Kg		84	62 - 121	0	30
Isophorone			2.67	2.26		mg/Kg		85	63 - 107	2	30
Naphthalene			2.67	2.26		mg/Kg		85	63 - 106	0	30
Nitrobenzene			2.67	2.60		mg/Kg		98	63 - 110	1	30
N-Nitrosodi-n-propylamine			2.67	2.22		mg/Kg		83	61 - 108	2	30
N-Nitrosodiphenylamine			2.67	2.17		mg/Kg		81	67 - 113	1	30
Phenanthrene			2.67	2.04		mg/Kg		77	66 - 112	1	30
Pyrene			2.67	2.23		mg/Kg		83	61 - 111	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*66*		*14 - 103*
Nitrobenzene-d5 (Surr)	*72*		*11 - 104*
Terphenyl-d14 (Surr)	*76*		*12 - 126*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-775107/1-A
Matrix: Solid
Analysis Batch: 775079

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 775107

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.0089	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1016	0.067	U	0.067	0.0089	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1221	0.067	U	0.067	0.0089	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1221	0.067	U	0.067	0.0089	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1232	0.067	U	0.067	0.0089	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1232	0.067	U	0.067	0.0089	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1242	0.067	U	0.067	0.0089	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1242	0.067	U	0.067	0.0089	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1248	0.067	U	0.067	0.0089	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1248	0.067	U	0.067	0.0089	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1254	0.067	U	0.067	0.0092	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1254	0.067	U	0.067	0.0092	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1260	0.067	U	0.067	0.0092	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1260	0.067	U	0.067	0.0092	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor-1262	0.067	U	0.067	0.0092	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor-1262	0.067	U	0.067	0.0092	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1268	0.067	U	0.067	0.0092	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Aroclor 1268	0.067	U	0.067	0.0092	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.0092	mg/Kg		04/30/21 18:29	05/03/21 09:24	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.0092	mg/Kg		04/30/21 18:29	05/03/21 09:24	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-775107/1-A
Matrix: Solid
Analysis Batch: 775079

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 775107

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		37 - 150	04/30/21 18:29	05/03/21 09:24	1
DCB Decachlorobiphenyl	110		37 - 150	04/30/21 18:29	05/03/21 09:24	1
Tetrachloro-m-xylene	108		54 - 150	04/30/21 18:29	05/03/21 09:24	1
Tetrachloro-m-xylene	109		54 - 150	04/30/21 18:29	05/03/21 09:24	1

Lab Sample ID: LCS 460-775107/2-A
Matrix: Solid
Analysis Batch: 775079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 775107

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016			0.333	0.399		mg/Kg		120	65 - 133		
Aroclor 1016			0.333	0.398		mg/Kg		119	65 - 133		
Aroclor 1260			0.333	0.373		mg/Kg		112	71 - 150		
Aroclor 1260			0.333	0.381		mg/Kg		114	71 - 150		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	105		37 - 150
DCB Decachlorobiphenyl	110		37 - 150
Tetrachloro-m-xylene	113		54 - 150
Tetrachloro-m-xylene	115		54 - 150

Lab Sample ID: LCSD 460-775107/3-A
Matrix: Solid
Analysis Batch: 775079

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 775107

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.340		mg/Kg		102	65 - 133	16	30
Aroclor 1016			0.333	0.362		mg/Kg		109	65 - 133	10	30
Aroclor 1260			0.333	0.340		mg/Kg		102	71 - 150	11	30
Aroclor 1260			0.333	0.337		mg/Kg		101	71 - 150	10	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	98		37 - 150
DCB Decachlorobiphenyl	103		37 - 150
Tetrachloro-m-xylene	104		54 - 150
Tetrachloro-m-xylene	106		54 - 150

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-775602/1-A
Matrix: Solid
Analysis Batch: 775664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 775602

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	2.6	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Antimony	1.0	U	1.0	0.15	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/04/21 04:20	05/04/21 09:13	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-775602/1-A
Matrix: Solid
Analysis Batch: 775664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 775602

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.40	U	0.40	0.057	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Calcium	100	U	100	17.0	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Chromium	2.0	U	2.0	0.17	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Copper	2.0	U	2.0	0.22	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Iron	60.0	U	60.0	20.2	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Magnesium	100	U	100	10.2	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Nickel	2.0	U	2.0	0.19	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Potassium	100	U	100	11.2	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Selenium	1.3	U	1.3	0.12	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Silver	1.0	U	1.0	0.089	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Sodium	100	U	100	15.6	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/04/21 04:20	05/04/21 09:13	1
Zinc	8.0	U	8.0	2.3	mg/Kg		05/04/21 04:20	05/04/21 09:13	1

Lab Sample ID: LCSSRM 460-775602/2-A ^5
Matrix: Solid
Analysis Batch: 775664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 775602

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	8190	7686		mg/Kg		93.8	48.7 - 151.4
Antimony	110	82.59		mg/Kg		75.1	3.6 - 210.9
Arsenic	162	176.6		mg/Kg		109.0	82.7 - 117.9
Barium	138	140.4		mg/Kg		101.8	82.6 - 117.4
Beryllium	157	162.3		mg/Kg		103.4	82.8 - 117.2
Cadmium	135	152.2		mg/Kg		112.8	82.2 - 117.0
Calcium	4790	4950		mg/Kg		103.3	81.6 - 118.2
Chromium	117	123.1		mg/Kg		105.3	82.0 - 117.9
Cobalt	92.6	99.86		mg/Kg		107.8	83.4 - 116.6
Copper	143	156.3		mg/Kg		109.3	83.2 - 116.1
Iron	15100	14630		mg/Kg		96.9	63.0 - 137.1
Lead	77.6	84.29		mg/Kg		108.6	83.4 - 116.5
Magnesium	2320	2491		mg/Kg		107.4	75.9 - 124.1
Manganese	319	338.0		mg/Kg		105.9	82.1 - 118.2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-775602/2-A ^5
Matrix: Solid
Analysis Batch: 775664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 775602

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	79.9	85.18		mg/Kg		106.6	82.1 - 117.9
Potassium	2050	2019		mg/Kg		98.5	70.2 - 129.8
Selenium	172	196.8		mg/Kg		114.4	79.1 - 120.9
Silver	24.7	27.09		mg/Kg		109.7	80.6 - 119.8
Sodium	137	100.5	J	mg/Kg		73.3	72.1 - 127.7
Thallium	88.0	97.78		mg/Kg		111.1	80.7 - 119.3
Vanadium	99.9	104.4		mg/Kg		104.5	79.0 - 121.1
Zinc	312	332.5		mg/Kg		106.6	80.4 - 119.6

Lab Sample ID: LRC 460-775664/12
Matrix: Solid
Analysis Batch: 775664

Client Sample ID: Lab Control Sample

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5000	5070		ug/L		101	90 - 110
Barium	20000	19510		ug/L		98	90 - 110
Beryllium	2000	1875		ug/L		94	90 - 110
Cadmium	5000	5287		ug/L		106	90 - 110
Chromium	20000	19170		ug/L		96	90 - 110
Cobalt	2000	2025		ug/L		101	90 - 110
Copper	20000	20380		ug/L		102	90 - 110
Lead	20000	18880		ug/L		94	90 - 110
Manganese	10000	9985		ug/L		100	90 - 110
Nickel	20000	20570		ug/L		103	90 - 110
Selenium	2000	2046		ug/L		102	90 - 110
Thallium	1000	983.2		ug/L		98	90 - 110
Vanadium	5000	4976		ug/L		100	90 - 110
Zinc	20000	18900		ug/L		95	90 - 110

Lab Sample ID: LRC 460-775664/13
Matrix: Solid
Analysis Batch: 775664

Client Sample ID: Lab Control Sample

Analyte	Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	200000	198500		ug/L		99	90 - 110
Calcium	500000	506600		ug/L		101	90 - 110
Iron	500000	487600		ug/L		98	90 - 110
Magnesium	500000	502600		ug/L		101	90 - 110
Potassium	500000	489100		ug/L		98	90 - 110
Sodium	500000	500600		ug/L		100	90 - 110

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-775408/1-A
Matrix: Solid
Analysis Batch: 775452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 775408

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0040	mg/Kg		05/03/21 03:55	05/03/21 08:18	1

Lab Sample ID: LCSSRM 460-775408/2-A ^40
Matrix: Solid
Analysis Batch: 775452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 775408

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			27.2	26.82		mg/Kg		98.6	72.4 - 127.6		

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Sample result is greater than the MDL but below the CRDL
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Prep Batch: 774864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233141-1	SB-03_0-2_20210428	Total/NA	Solid	5035	
460-233141-2	SB-03_7-9_20210428	Total/NA	Solid	5035	
460-233141-3	SB-04_0-2_20210428	Total/NA	Solid	5035	
460-233141-4	SB-04_4-6_20210428	Total/NA	Solid	5035	
LB3 460-774864/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 775506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233141-1	SB-03_0-2_20210428	Total/NA	Solid	8260D	774864
460-233141-2	SB-03_7-9_20210428	Total/NA	Solid	8260D	774864
460-233141-3	SB-04_0-2_20210428	Total/NA	Solid	8260D	774864
460-233141-4	SB-04_4-6_20210428	Total/NA	Solid	8260D	774864
LB3 460-774864/1-A	Method Blank	Total/NA	Solid	8260D	774864
MB 460-775506/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-775506/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-775506/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 774905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233141-1	SB-03_0-2_20210428	Total/NA	Solid	3546	
460-233141-2	SB-03_7-9_20210428	Total/NA	Solid	3546	
460-233141-3	SB-04_0-2_20210428	Total/NA	Solid	3546	
460-233141-4	SB-04_4-6_20210428	Total/NA	Solid	3546	
MB 460-774905/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-774905/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-774905/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 775016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233141-1	SB-03_0-2_20210428	Total/NA	Solid	8270E	774905
460-233141-2	SB-03_7-9_20210428	Total/NA	Solid	8270E	774905
460-233141-3	SB-04_0-2_20210428	Total/NA	Solid	8270E	774905
460-233141-4	SB-04_4-6_20210428	Total/NA	Solid	8270E	774905
MB 460-774905/1-A	Method Blank	Total/NA	Solid	8270E	774905
LCS 460-774905/2-A	Lab Control Sample	Total/NA	Solid	8270E	774905
LCSD 460-774905/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	774905

GC Semi VOA

Analysis Batch: 775079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233141-1	SB-03_0-2_20210428	Total/NA	Solid	8082A	775107
460-233141-2	SB-03_7-9_20210428	Total/NA	Solid	8082A	775107
460-233141-3	SB-04_0-2_20210428	Total/NA	Solid	8082A	775107
460-233141-4	SB-04_4-6_20210428	Total/NA	Solid	8082A	775107
MB 460-775107/1-A	Method Blank	Total/NA	Solid	8082A	775107
LCS 460-775107/2-A	Lab Control Sample	Total/NA	Solid	8082A	775107
LCSD 460-775107/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	775107

GC Semi VOA

Prep Batch: 775107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233141-1	SB-03_0-2_20210428	Total/NA	Solid	3546	
460-233141-2	SB-03_7-9_20210428	Total/NA	Solid	3546	
460-233141-3	SB-04_0-2_20210428	Total/NA	Solid	3546	
460-233141-4	SB-04_4-6_20210428	Total/NA	Solid	3546	
MB 460-775107/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-775107/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-775107/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Metals

Prep Batch: 775408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233141-1	SB-03_0-2_20210428	Total/NA	Solid	7471B	
460-233141-2	SB-03_7-9_20210428	Total/NA	Solid	7471B	
460-233141-3	SB-04_0-2_20210428	Total/NA	Solid	7471B	
460-233141-4	SB-04_4-6_20210428	Total/NA	Solid	7471B	
MB 460-775408/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-775408/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 775452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233141-1	SB-03_0-2_20210428	Total/NA	Solid	7471B	775408
460-233141-2	SB-03_7-9_20210428	Total/NA	Solid	7471B	775408
460-233141-3	SB-04_0-2_20210428	Total/NA	Solid	7471B	775408
460-233141-4	SB-04_4-6_20210428	Total/NA	Solid	7471B	775408
MB 460-775408/1-A	Method Blank	Total/NA	Solid	7471B	775408
LCSSRM 460-775408/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	775408

Prep Batch: 775602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233141-1	SB-03_0-2_20210428	Total/NA	Solid	3050B	
460-233141-2	SB-03_7-9_20210428	Total/NA	Solid	3050B	
460-233141-3	SB-04_0-2_20210428	Total/NA	Solid	3050B	
460-233141-4	SB-04_4-6_20210428	Total/NA	Solid	3050B	
MB 460-775602/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-775602/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 775664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233141-1	SB-03_0-2_20210428	Total/NA	Solid	6020B	775602
460-233141-2	SB-03_7-9_20210428	Total/NA	Solid	6020B	775602
460-233141-3	SB-04_0-2_20210428	Total/NA	Solid	6020B	775602
460-233141-4	SB-04_4-6_20210428	Total/NA	Solid	6020B	775602
MB 460-775602/1-A	Method Blank	Total/NA	Solid	6020B	775602
LCSSRM 460-775602/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	775602
LRC 460-775664/12	Lab Control Sample		Solid	6020B	
LRC 460-775664/13	Lab Control Sample		Solid	6020B	

QC Association Summary

Client: AKRF Inc
Job ID: 460-233141-1
Project/Site: Brookfield Commons - 159 South Lexington

General Chemistry

Analysis Batch: 774795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233141-1	SB-03_0-2_20210428	Total/NA	Solid	Moisture	
460-233141-2	SB-03_7-9_20210428	Total/NA	Solid	Moisture	
460-233141-3	SB-04_0-2_20210428	Total/NA	Solid	Moisture	
460-233141-4	SB-04_4-6_20210428	Total/NA	Solid	Moisture	

Client Sample ID: SB-03_0-2_20210428
Lab Sample ID: 460-233141-1
Date Collected: 04/28/21 08:40
Matrix: Solid
Date Received: 04/28/21 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	774795	04/29/21 13:30	MMC	TAL EDI

Client Sample ID: SB-03_0-2_20210428
Lab Sample ID: 460-233141-1
Date Collected: 04/28/21 08:40
Matrix: Solid
Date Received: 04/28/21 18:00
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			774864	04/29/21 16:34	YXG	TAL EDI
Total/NA	Analysis	8260D		1	775506	05/04/21 00:44	AAT	TAL EDI
Total/NA	Prep	3546			774905	04/29/21 20:42	AFR	TAL EDI
Total/NA	Analysis	8270E		1	775016	04/30/21 18:09	CAZ	TAL EDI
Total/NA	Prep	3546			775107	04/30/21 18:29	ARA	TAL EDI
Total/NA	Analysis	8082A		1	775079	05/03/21 14:55	DXB	TAL EDI
Total/NA	Prep	3050B			775602	05/04/21 04:20	GMC	TAL EDI
Total/NA	Analysis	6020B		1	775664	05/04/21 12:44	MDC	TAL EDI
Total/NA	Prep	7471B			775408	05/03/21 03:55	TJS	TAL EDI
Total/NA	Analysis	7471B		1	775452	05/03/21 08:47	TJS	TAL EDI

Client Sample ID: SB-03_7-9_20210428
Lab Sample ID: 460-233141-2
Date Collected: 04/28/21 08:50
Matrix: Solid
Date Received: 04/28/21 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	774795	04/29/21 13:30	MMC	TAL EDI

Client Sample ID: SB-03_7-9_20210428
Lab Sample ID: 460-233141-2
Date Collected: 04/28/21 08:50
Matrix: Solid
Date Received: 04/28/21 18:00
Percent Solids: 75.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			774864	04/29/21 16:35	YXG	TAL EDI
Total/NA	Analysis	8260D		1	775506	05/04/21 01:09	AAT	TAL EDI
Total/NA	Prep	3546			774905	04/29/21 20:42	AFR	TAL EDI
Total/NA	Analysis	8270E		1	775016	04/30/21 15:32	CAZ	TAL EDI
Total/NA	Prep	3546			775107	04/30/21 18:29	ARA	TAL EDI
Total/NA	Analysis	8082A		1	775079	05/03/21 15:11	DXB	TAL EDI
Total/NA	Prep	3050B			775602	05/04/21 04:20	GMC	TAL EDI
Total/NA	Analysis	6020B		1	775664	05/04/21 12:46	MDC	TAL EDI
Total/NA	Prep	7471B			775408	05/03/21 03:55	TJS	TAL EDI
Total/NA	Analysis	7471B		1	775452	05/03/21 08:49	TJS	TAL EDI

Client Sample ID: SB-04_0-2_20210428
Lab Sample ID: 460-233141-3
Date Collected: 04/28/21 09:26
Matrix: Solid
Date Received: 04/28/21 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	774795	04/29/21 13:30	MMC	TAL EDI

Client Sample ID: SB-04_0-2_20210428
Lab Sample ID: 460-233141-3
Date Collected: 04/28/21 09:26
Matrix: Solid
Date Received: 04/28/21 18:00
Percent Solids: 77.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			774864	04/29/21 16:37	YXG	TAL EDI
Total/NA	Analysis	8260D		1	775506	05/04/21 01:35	AAT	TAL EDI
Total/NA	Prep	3546			774905	04/29/21 20:42	AFR	TAL EDI
Total/NA	Analysis	8270E		1	775016	04/30/21 18:32	CAZ	TAL EDI
Total/NA	Prep	3546			775107	04/30/21 18:29	ARA	TAL EDI
Total/NA	Analysis	8082A		1	775079	05/03/21 15:27	DXB	TAL EDI
Total/NA	Prep	3050B			775602	05/04/21 04:20	GMC	TAL EDI
Total/NA	Analysis	6020B		1	775664	05/04/21 12:48	MDC	TAL EDI
Total/NA	Prep	7471B			775408	05/03/21 03:55	TJS	TAL EDI
Total/NA	Analysis	7471B		1	775452	05/03/21 08:55	TJS	TAL EDI

Client Sample ID: SB-04_4-6_20210428
Lab Sample ID: 460-233141-4
Date Collected: 04/28/21 09:29
Matrix: Solid
Date Received: 04/28/21 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	774795	04/29/21 13:30	MMC	TAL EDI

Client Sample ID: SB-04_4-6_20210428
Lab Sample ID: 460-233141-4
Date Collected: 04/28/21 09:29
Matrix: Solid
Date Received: 04/28/21 18:00
Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			774864	04/29/21 16:38	YXG	TAL EDI
Total/NA	Analysis	8260D		1	775506	05/04/21 02:00	AAT	TAL EDI
Total/NA	Prep	3546			774905	04/29/21 20:42	AFR	TAL EDI
Total/NA	Analysis	8270E		1	775016	04/30/21 15:54	CAZ	TAL EDI
Total/NA	Prep	3546			775107	04/30/21 18:29	ARA	TAL EDI
Total/NA	Analysis	8082A		1	775079	05/03/21 15:43	DXB	TAL EDI
Total/NA	Prep	3050B			775602	05/04/21 04:20	GMC	TAL EDI
Total/NA	Analysis	6020B		1	775664	05/04/21 12:50	MDC	TAL EDI
Total/NA	Prep	7471B			775408	05/03/21 03:55	TJS	TAL EDI
Total/NA	Analysis	7471B		1	775452	05/03/21 08:57	TJS	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-233141-1
Project/Site: Brookfield Commons - 159 South Lexington

Laboratory: Eurofins TestAmerica, Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB-03_0-2_20210428	460-233141-1	104	90	103	90
SB-03_7-9_20210428	460-233141-2	110	94	103	94
SB-04_0-2_20210428	460-233141-3	109	94	104	93
SB-04_4-6_20210428	460-233141-4	119	100	114	103
	MB 460-775506/7	113	99	104	99
	LB3 460-774864/1-A	111	94	106	95
	LCS 460-775506/3	106	97	102	96
	LCSD 460-775506/4	106	92	102	94

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	48-150
DCA = 1,2-Dichloroethane-d4 (Surr)	77-145
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	70-139

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B71677.D

Lab ID: LCS 460-775506/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0189	95	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0193	97	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0194	97	78-136	
1,1,2-Trichloroethane	0.0200	0.0189	95	75-120	
1,1-Dichloroethane	0.0200	0.0182	91	76-129	
1,1-Dichloroethene	0.0200	0.0202	101	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0200	100	65-144	
1,2,4-Trichlorobenzene	0.0200	0.0197	98	75-120	
1,2,4-Trimethylbenzene	0.0200	0.0190	95	79-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0231	115	60-126	
1,2-Dichlorobenzene	0.0200	0.0192	96	80-120	
1,2-Dichloroethane	0.0200	0.0179	89	70-132	
1,2-Dichloropropane	0.0200	0.0182	91	73-124	
1,3,5-Trimethylbenzene	0.0200	0.0192	96	79-120	
1,3-Dichlorobenzene	0.0200	0.0187	93	80-120	
1,4-Dichlorobenzene	0.0200	0.0186	93	80-120	
2-Butanone (MEK)	0.100	0.0998	100	75-120	
2-Hexanone	0.100	0.0799	80	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0780	78	80-122	*
Acetone	0.100	0.0829	83	63-131	
Benzene	0.0200	0.0197	98	80-123	
Bromoform	0.0200	0.0177	89	48-142	
Bromomethane	0.0200	0.0215	107	46-150	
Carbon disulfide	0.0200	0.0194	97	67-136	
Carbon tetrachloride	0.0200	0.0188	94	72-136	
Chlorobenzene	0.0200	0.0194	97	80-120	
Chlorobromomethane	0.0200	0.0211	106	76-127	
Chlorodibromomethane	0.0200	0.0184	92	62-128	
Chloroethane	0.0200	0.0179	89	49-150	
Chloroform	0.0200	0.0191	96	79-126	
Chloromethane	0.0200	0.0199	100	48-150	
cis-1,2-Dichloroethene	0.0200	0.0215	108	80-123	
cis-1,3-Dichloropropene	0.0200	0.0198	99	72-120	
Cyclohexane	0.0200	0.0201	100	80-132	
Dichlorobromomethane	0.0200	0.0186	93	73-124	
Dichlorodifluoromethane	0.0200	0.0176	88	40-146	
Ethylbenzene	0.0200	0.0196	98	80-120	
Ethylene Dibromide	0.0200	0.0202	101	79-120	
Isopropylbenzene	0.0200	0.0197	98	80-120	
Methyl acetate	0.0400	0.0379	95	58-143	
Methyl tert-butyl ether	0.0200	0.0185	93	80-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B71677.D

Lab ID: LCS 460-775506/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	0.0200	0.0199	99	79-133	
Methylene Chloride	0.0200	0.0204	102	76-127	
m-Xylene & p-Xylene	0.0200	0.0203	102	80-120	
n-Butylbenzene	0.0200	0.0183	92	77-123	
N-Propylbenzene	0.0200	0.0195	97	78-120	
o-Xylene	0.0200	0.0194	97	80-120	
sec-Butylbenzene	0.0200	0.0191	95	78-120	
Styrene	0.0200	0.0193	96	80-120	
tert-Butylbenzene	0.0200	0.0200	100	76-120	
Tetrachloroethene	0.0200	0.0185	92	78-123	
Toluene	0.0200	0.0194	97	80-120	
trans-1,2-Dichloroethene	0.0200	0.0205	102	78-128	
trans-1,3-Dichloropropene	0.0200	0.0184	92	68-120	
Trichloroethene	0.0200	0.0193	97	79-120	
Trichlorofluoromethane	0.0200	0.0203	102	67-142	
Vinyl chloride	0.0200	0.0216	108	56-147	
Xylenes, Total	0.0400	0.0398	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B71678.D

Lab ID: LCSD 460-775506/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0175	88	8	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0180	90	7	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0179	89	8	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0176	88	7	30	75-120	
1,1-Dichloroethane	0.0200	0.0169	85	7	30	76-129	
1,1-Dichloroethene	0.0200	0.0197	98	2	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0184	92	8	30	65-144	
1,2,4-Trichlorobenzene	0.0200	0.0180	90	9	30	75-120	
1,2,4-Trimethylbenzene	0.0200	0.0179	90	6	30	79-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0217	109	6	30	60-126	
1,2-Dichlorobenzene	0.0200	0.0176	88	9	30	80-120	
1,2-Dichloroethane	0.0200	0.0168	84	6	30	70-132	
1,2-Dichloropropane	0.0200	0.0174	87	5	30	73-124	
1,3,5-Trimethylbenzene	0.0200	0.0181	90	6	30	79-120	
1,3-Dichlorobenzene	0.0200	0.0176	88	6	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0177	89	5	30	80-120	
2-Butanone (MEK)	0.100	0.103	103	3	30	75-120	
2-Hexanone	0.100	0.0831	83	4	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0819	82	5	30	80-122	
Acetone	0.100	0.0900	90	8	30	63-131	
Benzene	0.0200	0.0185	92	6	30	80-123	
Bromoform	0.0200	0.0158	79	11	30	48-142	
Bromomethane	0.0200	0.0192	96	11	30	46-150	
Carbon disulfide	0.0200	0.0180	90	8	30	67-136	
Carbon tetrachloride	0.0200	0.0171	86	10	30	72-136	
Chlorobenzene	0.0200	0.0184	92	5	30	80-120	
Chlorobromomethane	0.0200	0.0201	100	5	30	76-127	
Chlorodibromomethane	0.0200	0.0183	91	1	30	62-128	
Chloroethane	0.0200	0.0169	84	6	30	49-150	
Chloroform	0.0200	0.0179	89	7	30	79-126	
Chloromethane	0.0200	0.0169	85	16	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0197	99	9	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0189	95	4	30	72-120	
Cyclohexane	0.0200	0.0181	91	10	30	80-132	
Dichlorobromomethane	0.0200	0.0180	90	3	30	73-124	
Dichlorodifluoromethane	0.0200	0.0152	76	15	30	40-146	
Ethylbenzene	0.0200	0.0185	92	6	30	80-120	
Ethylene Dibromide	0.0200	0.0187	94	7	30	79-120	
Isopropylbenzene	0.0200	0.0182	91	8	30	80-120	
Methyl acetate	0.0400	0.0350	87	8	30	58-143	
Methyl tert-butyl ether	0.0200	0.0164	82	12	30	80-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B71678.D

Lab ID: LCSD 460-775506/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	0.0200	0.0179	90	10	30	79-133	
Methylene Chloride	0.0200	0.0201	100	1	30	76-127	
m-Xylene & p-Xylene	0.0200	0.0191	96	6	30	80-120	
n-Butylbenzene	0.0200	0.0170	85	8	30	77-123	
N-Propylbenzene	0.0200	0.0179	89	9	30	78-120	
o-Xylene	0.0200	0.0186	93	4	30	80-120	
sec-Butylbenzene	0.0200	0.0183	92	4	30	78-120	
Styrene	0.0200	0.0179	89	8	30	80-120	
tert-Butylbenzene	0.0200	0.0191	96	5	30	76-120	
Tetrachloroethene	0.0200	0.0175	87	6	30	78-123	
Toluene	0.0200	0.0186	93	4	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0189	95	8	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0180	90	2	30	68-120	
Trichloroethene	0.0200	0.0188	94	3	30	79-120	
Trichlorofluoromethane	0.0200	0.0176	88	14	30	67-142	
Vinyl chloride	0.0200	0.0185	93	15	30	56-147	
Xylenes, Total	0.0400	0.0377	94	5	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab File ID: B71681.D Lab Sample ID: MB 460-775506/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS2 Date Analyzed: 05/03/2021 21:02

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-775506/3	B71677.D	05/03/2021 19:09
	LCSD 460-775506/4	B71678.D	05/03/2021 19:47
	LB3 460-774864/1-A	B71688.D	05/04/2021 00:18
SB-03_0-2_20210428	460-233141-1	B71689.D	05/04/2021 00:44
SB-03_7-9_20210428	460-233141-2	B71690.D	05/04/2021 01:09
SB-04_0-2_20210428	460-233141-3	B71691.D	05/04/2021 01:35
SB-04_4-6_20210428	460-233141-4	B71692.D	05/04/2021 02:00

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab File ID: B69790.D BFB Injection Date: 03/11/2021

Instrument ID: CVOAMS2 BFB Injection Time: 08:42

Analysis Batch No.: 763993

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	106.3
96	5 - 9% of m/z 95	6.3
173	Less than 2% of m/z 174	1.4
174	50 - 200% of m/z 95	94.1
175	5 - 9% of m/z 174	7.5
176	95 -105% of m/z 174	96.0
177	5 - 10% of m/z 176	6.7

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-763993/4	B69793.D	03/11/2021	9:56
	STD5 460-763993/5	B69794.D	03/11/2021	10:21
	STD20 460-763993/6	B69795.D	03/11/2021	10:46
	STD50 460-763993/7	B69796.D	03/11/2021	11:12
	STD200 460-763993/8	B69797.D	03/11/2021	11:37
	STD500 460-763993/9	B69798.D	03/11/2021	12:03
	ICV 460-763993/16	B69805.D	03/11/2021	15:01

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab File ID: B71675.D BFB Injection Date: 05/03/2021

Instrument ID: CVOAMS2 BFB Injection Time: 18:25

Analysis Batch No.: 775506

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	108.8
96	5 - 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.7
174	50 - 200% of m/z 95	91.9
175	5 - 9% of m/z 174	8.6
176	95 -105% of m/z 174	95.5
177	5 - 10% of m/z 176	7.0

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-775506/2	B71676.D	05/03/2021	18:44
	LCS 460-775506/3	B71677.D	05/03/2021	19:09
	LCSD 460-775506/4	B71678.D	05/03/2021	19:47
	MB 460-775506/7	B71681.D	05/03/2021	21:02
	LB3 460-774864/1-A	B71688.D	05/04/2021	0:18
SB-03_0-2_20210428	460-233141-1	B71689.D	05/04/2021	0:44
SB-03_7-9_20210428	460-233141-2	B71690.D	05/04/2021	1:09
SB-04_0-2_20210428	460-233141-3	B71691.D	05/04/2021	1:35
SB-04_4-6_20210428	460-233141-4	B71692.D	05/04/2021	2:00

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Sample No.: STD20 460-763993/6 Date Analyzed: 03/11/2021 10:46

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B69795.D Heated Purge: (Y/N) Y

Calibration ID: 84047

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		230269	1.64	255032	2.43	582145	3.52
UPPER LIMIT		460538	2.14	510064	2.93	1164290	4.02
LOWER LIMIT		115135	1.14	127516	1.93	291073	3.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-763993/16		244679	1.65	256927	2.45	589123	3.53

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Sample No.: STD20 460-763993/6 Date Analyzed: 03/11/2021 10:46

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B69795.D Heated Purge: (Y/N) Y

Calibration ID: 84047

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		16065	4.36	466438	7.96	282516	12.28
UPPER LIMIT		32130	4.86	932876	8.46	565032	12.78
LOWER LIMIT		8033	3.86	233219	7.46	141258	11.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-763993/16		12205	4.36	468413	7.96	277680	12.28

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Sample No.: CCVIS 460-775506/2 Date Analyzed: 05/03/2021 18:44

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B71676.D Heated Purge: (Y/N) Y

Calibration ID: 84047

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		365066	1.60	268682	2.37	535638	3.43
UPPER LIMIT		730132	2.10	537364	2.87	1071276	3.93
LOWER LIMIT		182533	1.10	134341	1.87	267819	2.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-775506/3		337704	1.60	253750	2.37	505381	3.43
LCSD 460-775506/4		286427	1.61	241332	2.37	553432	3.43
MB 460-775506/7		281163	1.61	225206	2.37	474965	3.43
LB3 460-774864/1-A		257332	1.60	224633	2.37	517406	3.42
460-233141-1	SB-03_0-2_20210428	287363	1.59	230074	2.36	538133	3.42
460-233141-2	SB-03_7-9_20210428	297458	1.59	229713	2.36	510619	3.42
460-233141-3	SB-04_0-2_20210428	289181	1.59	222367	2.37	525261	3.42
460-233141-4	SB-04_4-6_20210428	261278	1.61	214228	2.37	518445	3.42

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Sample No.: CCVIS 460-775506/2 Date Analyzed: 05/03/2021 18:44

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B71676.D Heated Purge: (Y/N) Y

Calibration ID: 84047

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		31437	4.26	420281	7.81	254344	12.13
UPPER LIMIT		62874	4.76	840562	8.31	508688	12.63
LOWER LIMIT		15719	3.76	210141	7.31	127172	11.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-775506/3		28416	4.25	401639	7.81	245704	12.13
LCSD 460-775506/4		22637	4.26	441928	7.81	264613	12.13
MB 460-775506/7		21168	4.24	379847	7.81	219969	12.13
LB3 460-774864/1-A		21348	4.25	404782	7.81	239545	12.13
460-233141-1	SB-03_0-2_20210428	20201	4.23	401942	7.81	239264	12.13
460-233141-2	SB-03_7-9_20210428	22652	4.23	390329	7.81	232738	12.13
460-233141-3	SB-04_0-2_20210428	21473	4.25	403575	7.81	240139	12.13
460-233141-4	SB-04_4-6_20210428	17283	4.23	399529	7.81	234966	12.13

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-03_0-2_20210428 Lab Sample ID: 460-233141-1

Matrix: Solid Lab File ID: B71689.D

Analysis Method: 8260D Date Collected: 04/28/2021 08:40

Sample wt/vol: 5.51(g) Date Analyzed: 05/04/2021 00:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.3 Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00032
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00022
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00024
87-61-6	1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00019
120-82-1	1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00026
96-12-8	1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048
95-50-1	1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00031
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00044
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033
541-73-1	1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038
106-46-7	1,4-Dichlorobenzene	0.0010	U	0.0010	0.00024
78-93-3	2-Butanone (MEK)	0.0052	U	0.0052	0.00039
591-78-6	2-Hexanone	0.0052	U	0.0052	0.0018
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0052	U *	0.0052	0.0016
67-64-1	Acetone	0.0063	U	0.0063	0.0060
71-43-2	Benzene	0.0010	U	0.0010	0.00027
75-25-2	Bromoform	0.0010	U	0.0010	0.00044
74-83-9	Bromomethane	0.0021	U	0.0021	0.0010
75-15-0	Carbon disulfide	0.0010	U	0.0010	0.00028
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00041
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00019
74-97-5	Chlorobromomethane	0.0010	U	0.0010	0.00029
124-48-1	Chlorodibromomethane	0.0010	U	0.0010	0.00020
75-00-3	Chloroethane	0.0010	U	0.0010	0.00055
67-66-3	Chloroform	0.0010	U	0.0010	0.0010
74-87-3	Chloromethane	0.0010	U	0.0010	0.00046
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00029
110-82-7	Cyclohexane	0.0010	U	0.0010	0.00023
75-27-4	Dichlorobromomethane	0.0010	U	0.0010	0.00027

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-03_0-2_20210428 Lab Sample ID: 460-233141-1

Matrix: Solid Lab File ID: B71689.D

Analysis Method: 8260D Date Collected: 04/28/2021 08:40

Sample wt/vol: 5.51(g) Date Analyzed: 05/04/2021 00:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.3 Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0010	U	0.0010	0.00035
100-41-4	Ethylbenzene	0.0010	U	0.0010	0.00021
106-93-4	Ethylene Dibromide	0.0010	U	0.0010	0.00019
98-82-8	Isopropylbenzene	0.0010	U	0.0010	0.00030
79-20-9	Methyl acetate	0.0052	U	0.0052	0.0045
1634-04-4	Methyl tert-butyl ether	0.0010	U	0.0010	0.00054
108-87-2	Methylcyclohexane	0.0010	U	0.0010	0.00052
75-09-2	Methylene Chloride	0.0021	U	0.0021	0.0012
179601-23-1	m-Xylene & p-Xylene	0.0010	U	0.0010	0.00018
104-51-8	n-Butylbenzene	0.0010	U	0.0010	0.00031
103-65-1	N-Propylbenzene	0.0010	U	0.0010	0.00018
95-47-6	o-Xylene	0.0010	U	0.0010	0.00020
135-98-8	sec-Butylbenzene	0.0010	U	0.0010	0.00030
100-42-5	Styrene	0.0010	U	0.0010	0.00029
98-06-6	tert-Butylbenzene	0.0010	U	0.0010	0.00029
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00032
108-88-3	Toluene	0.0010	U	0.0010	0.00024
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00034
75-69-4	Trichlorofluoromethane	0.0010	U	0.0010	0.00043
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00057
1330-20-7	Xylenes, Total	0.0021	U	0.0021	0.00067

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		77-145
460-00-4	4-Bromofluorobenzene	90		70-139
1868-53-7	Dibromofluoromethane (Surr)	104		48-150
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71689.D
Lims ID: 460-233141-B-1-A
Client ID: SB-03_0-2_20210428
Sample Type: Client
Inject. Date: 04-May-2021 00:44:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233141-B-1-A
Misc. Info.: 460-0127997-015
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2021 11:06:14 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: tupayachia Date: 04-May-2021 05:24:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.587	1.599	-0.012	0	287363	1000.0	M
* 40 2-Butanone-d5	46	2.355	2.367	-0.012	0	230074	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.788	2.794	-0.006	98	159177	52.0	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.081	3.087	-0.006	0	141310	44.8	
* 60 Fluorobenzene	96	3.422	3.428	-0.006	99	538133	50.0	
* 69 1,4-Dioxane-d8	96	4.227	4.245	-0.018	0	20201	1000.0	a
$ 79 Toluene-d8 (Surr)	98	5.416	5.422	-0.006	100	548609	51.4	
* 91 Chlorobenzene-d5	117	7.805	7.805	0.000	84	401942	50.0	
$ 103 4-Bromofluorobenzene	174	10.079	10.085	-0.006	95	168307	45.2	
* 117 1,4-Dichlorobenzene-d4	152	12.128	12.128	0.000	94	239264	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

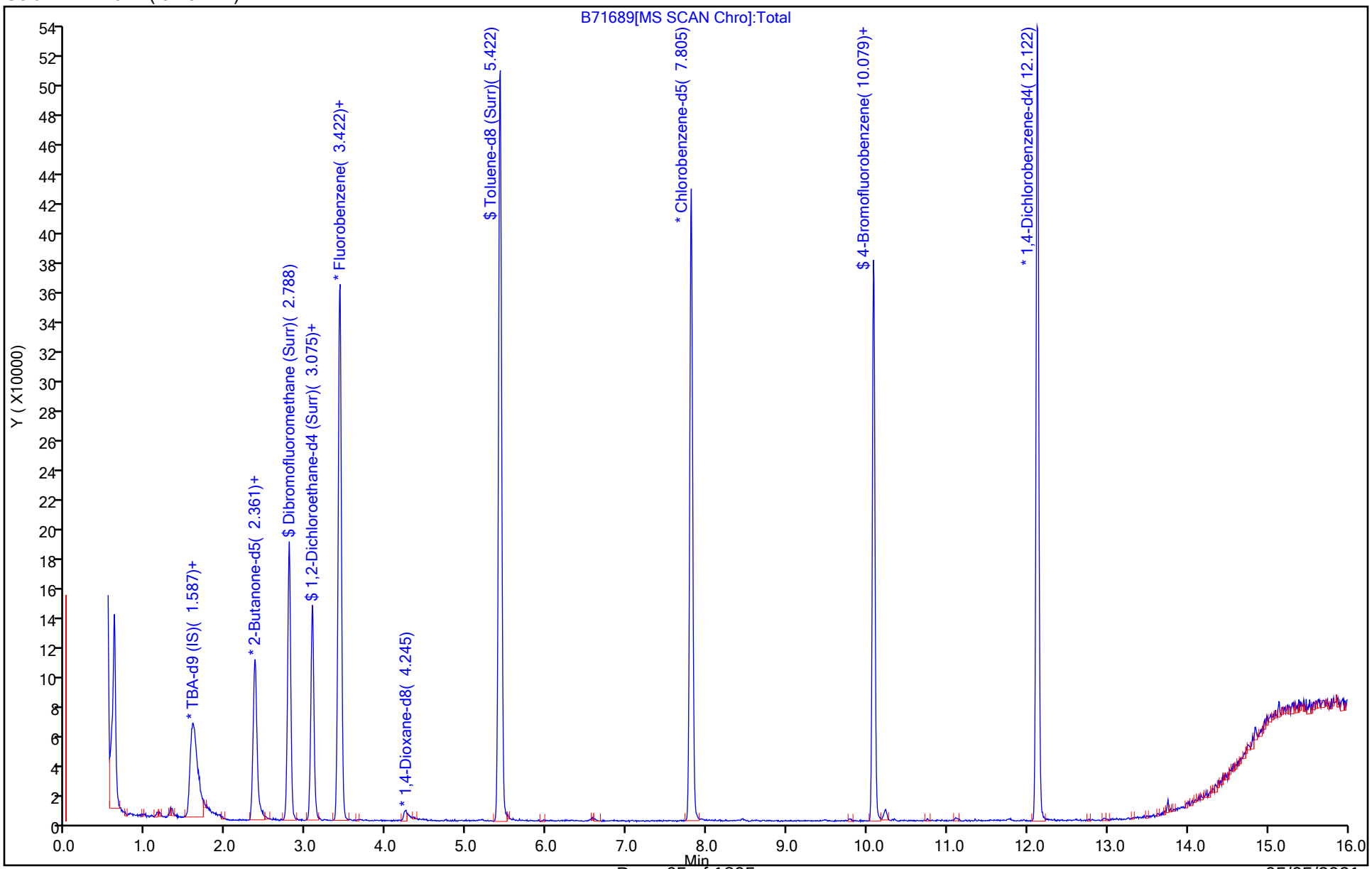
Report Date: 04-May-2021 11:06:15 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71689.D

Injection Date:	04-May-2021 00:44:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-233141-B-1-A	Lab Sample ID:	460-233141-1	Worklist Smp#:	15
Client ID:	SB-03_0-2_20210428				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

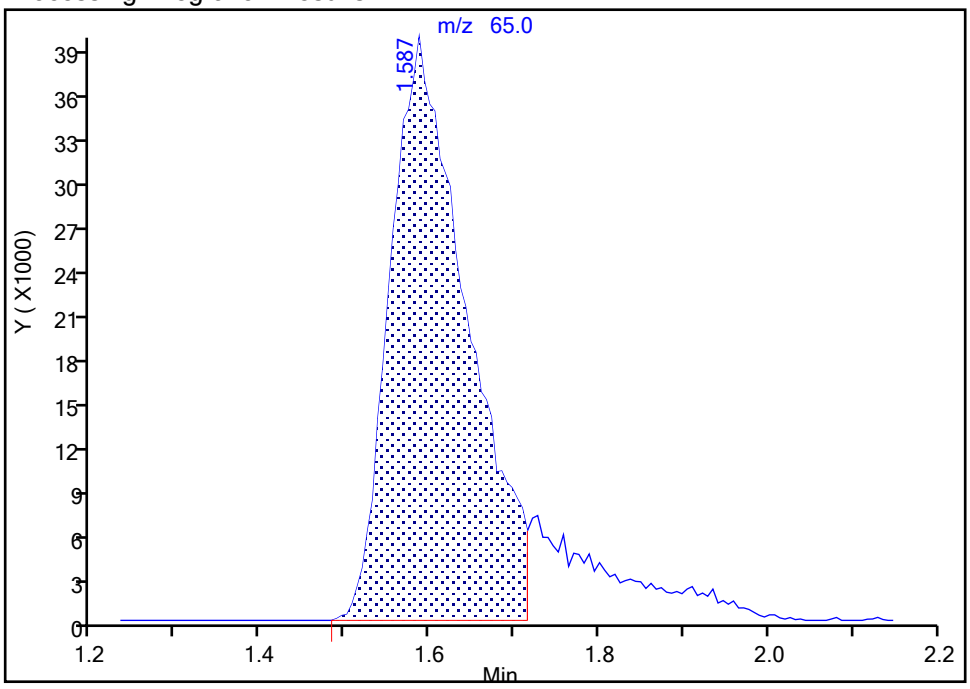
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71689.D				
Injection Date:	04-May-2021 00:44:30	Instrument ID:	CVOAMS2		
Lims ID:	460-233141-B-1-A	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

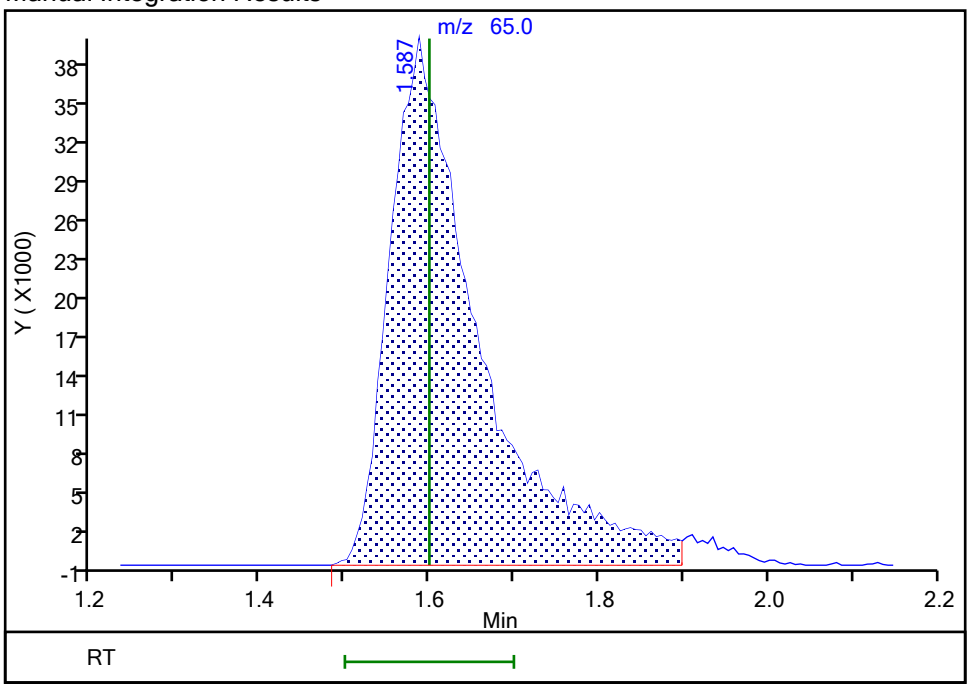
Processing Integration Results

RT: 1.59
Area: 248000
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 287363
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 11:06:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

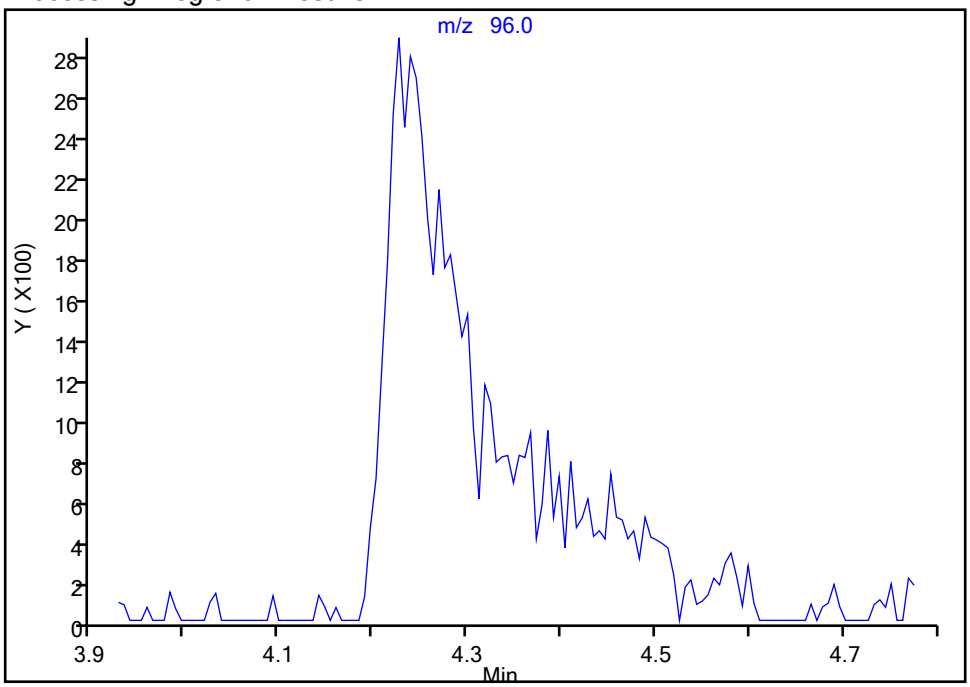
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71689.D				
Injection Date:	04-May-2021 00:44:30	Instrument ID:	CVOAMS2		
Lims ID:	460-233141-B-1-A	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

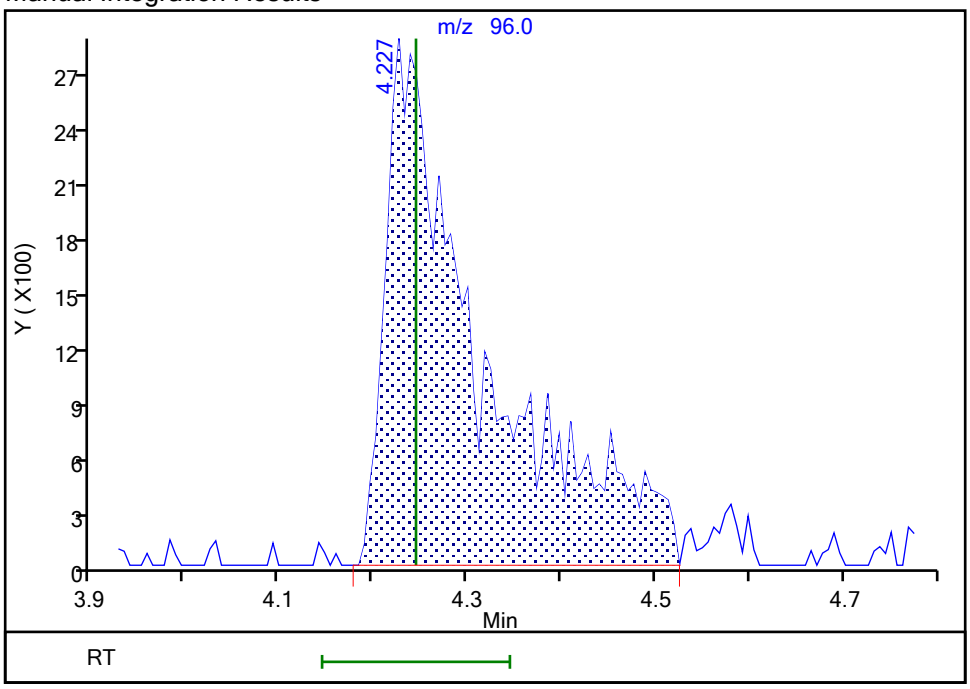
Processing Integration Results

Not Detected
Expected RT: 4.24



Manual Integration Results

RT: 4.23
Area: 20201
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 04-May-2021 05:24:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-03_7-9_20210428 Lab Sample ID: 460-233141-2

Matrix: Solid Lab File ID: B71690.D

Analysis Method: 8260D Date Collected: 04/28/2021 08:50

Sample wt/vol: 5.52(g) Date Analyzed: 05/04/2021 01:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 24.5 Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
87-61-6	1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022
120-82-1	1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030
96-12-8	1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055
95-50-1	1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00051
108-67-8	1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038
541-73-1	1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044
106-46-7	1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027
78-93-3	2-Butanone (MEK)	0.0051	J	0.0060	0.00044
591-78-6	2-Hexanone	0.0060	U	0.0060	0.0021
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0060	U *	0.0060	0.0019
67-64-1	Acetone	0.022		0.0072	0.0069
71-43-2	Benzene	0.0012	U	0.0012	0.00031
75-25-2	Bromoform	0.0012	U	0.0012	0.00051
74-83-9	Bromomethane	0.0024	U	0.0024	0.0012
75-15-0	Carbon disulfide	0.0012	U	0.0012	0.00032
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00046
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
74-97-5	Chlorobromomethane	0.0012	U	0.0012	0.00034
124-48-1	Chlorodibromomethane	0.0012	U	0.0012	0.00023
75-00-3	Chloroethane	0.0012	U	0.0012	0.00063
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00052
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
110-82-7	Cyclohexane	0.0012	U	0.0012	0.00027
75-27-4	Dichlorobromomethane	0.0012	U	0.0012	0.00031

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-03_7-9_20210428 Lab Sample ID: 460-233141-2

Matrix: Solid Lab File ID: B71690.D

Analysis Method: 8260D Date Collected: 04/28/2021 08:50

Sample wt/vol: 5.52(g) Date Analyzed: 05/04/2021 01:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 24.5 Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0012	U	0.0012	0.00041
100-41-4	Ethylbenzene	0.0012	U	0.0012	0.00024
106-93-4	Ethylene Dibromide	0.0012	U	0.0012	0.00022
98-82-8	Isopropylbenzene	0.0012	U	0.0012	0.00034
79-20-9	Methyl acetate	0.0060	U	0.0060	0.0052
1634-04-4	Methyl tert-butyl ether	0.0012	U	0.0012	0.00061
108-87-2	Methylcyclohexane	0.0012	U	0.0012	0.00060
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
179601-23-1	m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021
104-51-8	n-Butylbenzene	0.0012	U	0.0012	0.00035
103-65-1	N-Propylbenzene	0.0012	U	0.0012	0.00021
95-47-6	o-Xylene	0.0012	U	0.0012	0.00023
135-98-8	sec-Butylbenzene	0.0012	U	0.0012	0.00035
100-42-5	Styrene	0.0012	U	0.0012	0.00033
98-06-6	tert-Butylbenzene	0.0012	U	0.0012	0.00033
127-18-4	Tetrachloroethene	0.0012	U	0.0012	0.00037
108-88-3	Toluene	0.0012	U	0.0012	0.00028
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00039
75-69-4	Trichlorofluoromethane	0.0012	U	0.0012	0.00049
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00066
1330-20-7	Xylenes, Total	0.0024	U	0.0024	0.00077

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		77-145
460-00-4	4-Bromofluorobenzene	94		70-139
1868-53-7	Dibromofluoromethane (Surr)	110		48-150
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71690.D
Lims ID: 460-233141-B-2-A
Client ID: SB-03_7-9_20210428
Sample Type: Client
Inject. Date: 04-May-2021 01:09:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233141-B-2-A
Misc. Info.: 460-0127997-016
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2021 11:06:36 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: tupayachia Date: 04-May-2021 05:25:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Acetone	43	1.288	1.300	-0.012	84	13066	18.4	
* 29 TBA-d9 (IS)	65	1.593	1.599	-0.006	0	297458	1000.0	
* 40 2-Butanone-d5	46	2.361	2.367	-0.006	0	229713	250.0	
43 2-Butanone (MEK)	72	2.386	2.410	-0.024	21	1371	4.26	a
$ 50 Dibromofluoromethane (Surr)	113	2.788	2.794	-0.006	98	159163	54.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.081	3.087	-0.006	0	141112	47.1	
* 60 Fluorobenzene	96	3.422	3.428	-0.006	99	510619	50.0	
* 69 1,4-Dioxane-d8	96	4.233	4.245	-0.012	0	22652	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.422	5.422	0.000	99	531728	51.3	
* 91 Chlorobenzene-d5	117	7.805	7.805	0.000	83	390329	50.0	
$ 103 4-Bromofluorobenzene	174	10.085	10.085	0.000	97	170801	47.2	
* 117 1,4-Dichlorobenzene-d4	152	12.128	12.128	0.000	94	232738	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

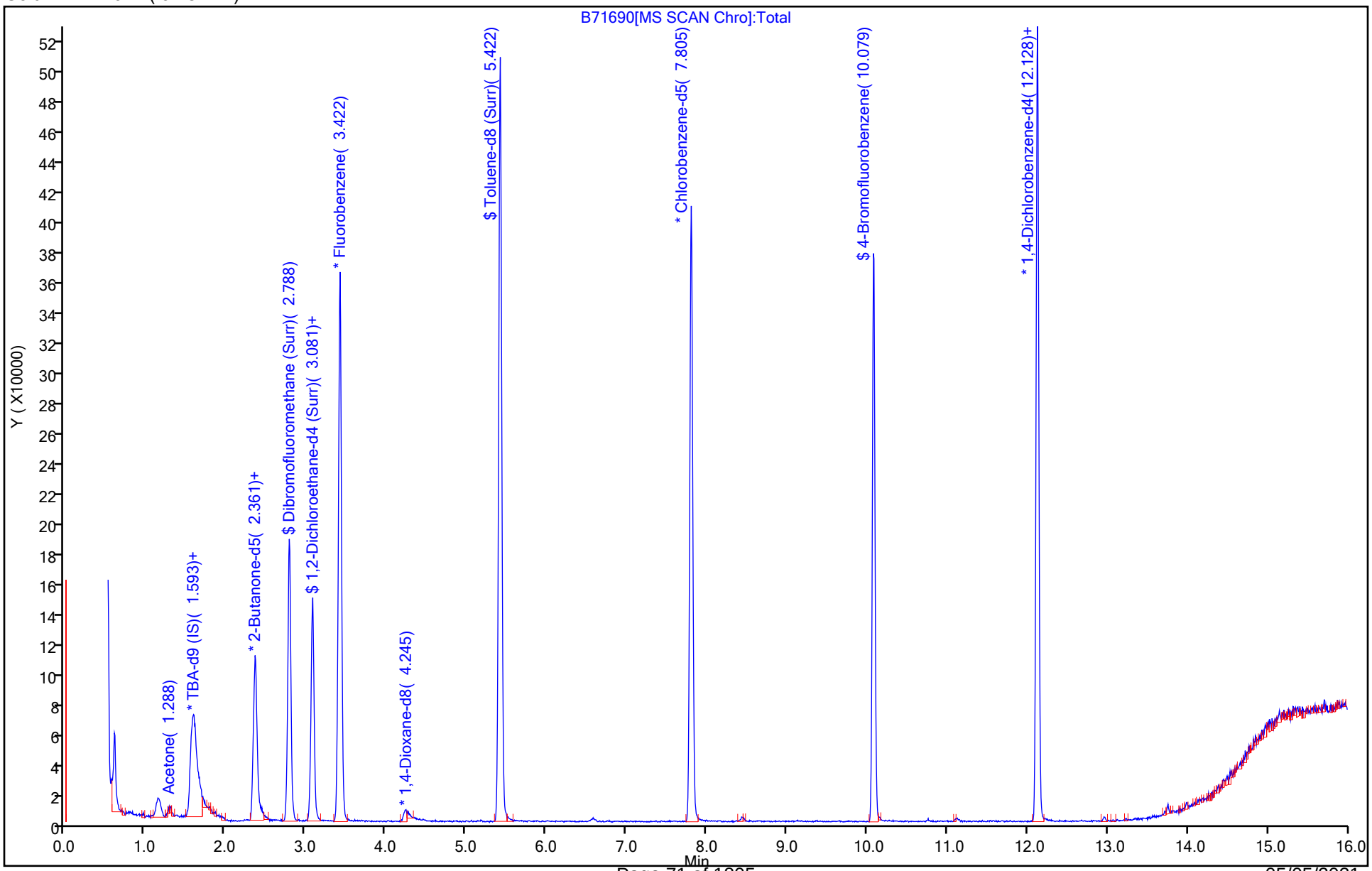
Report Date: 04-May-2021 11:06:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71690.D

Injection Date:	04-May-2021 01:09:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-233141-B-2-A	Lab Sample ID:	460-233141-2	Worklist Smp#:	16
Client ID:	SB-03_7-9_20210428				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

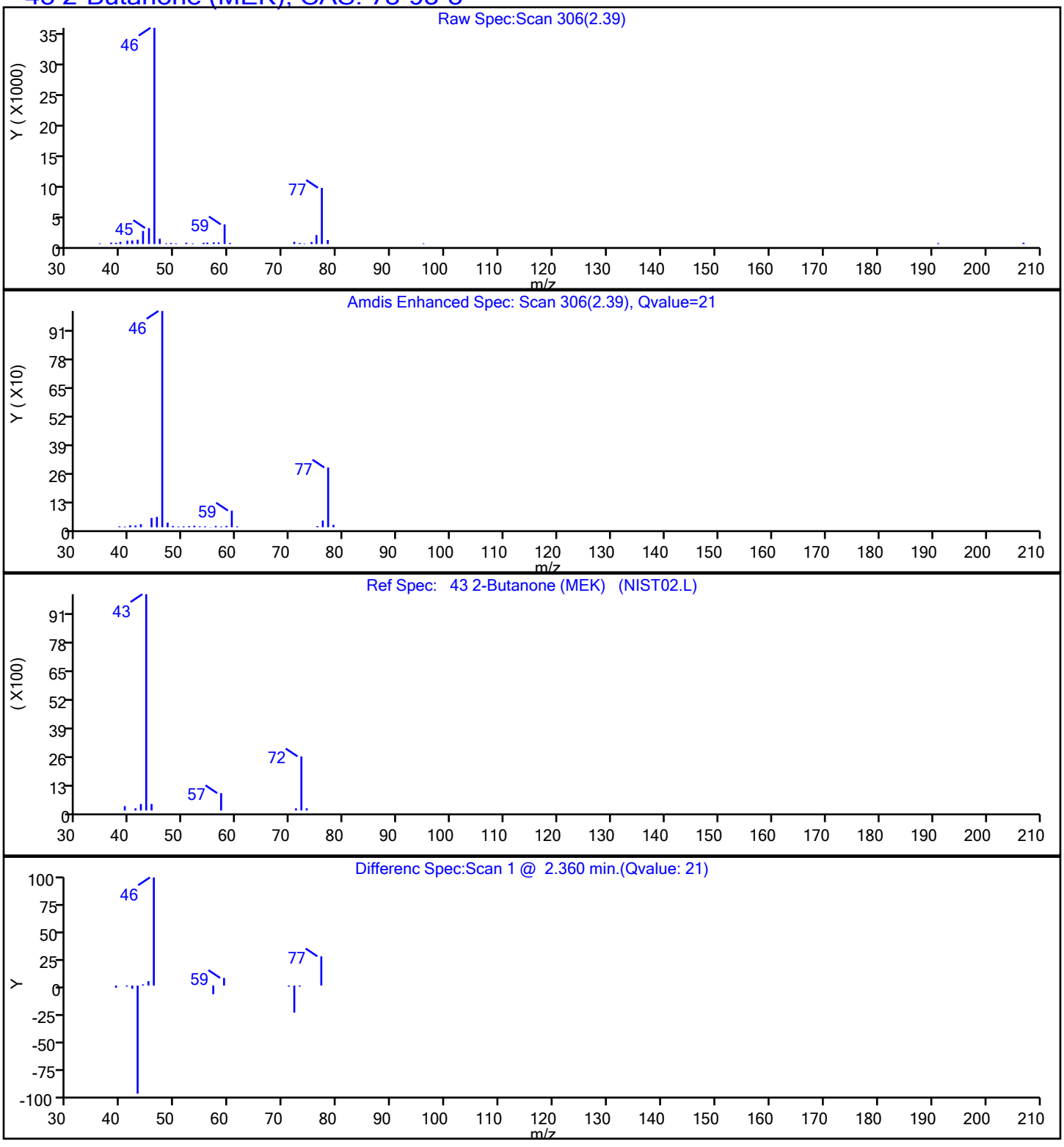
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71690.D				
Injection Date:	04-May-2021 01:09:30	Instrument ID:	CVOAMS2		
Lims ID:	460-233141-B-2-A	Lab Sample ID:	460-233141-2		
Client ID:	SB-03_7-9_20210428				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

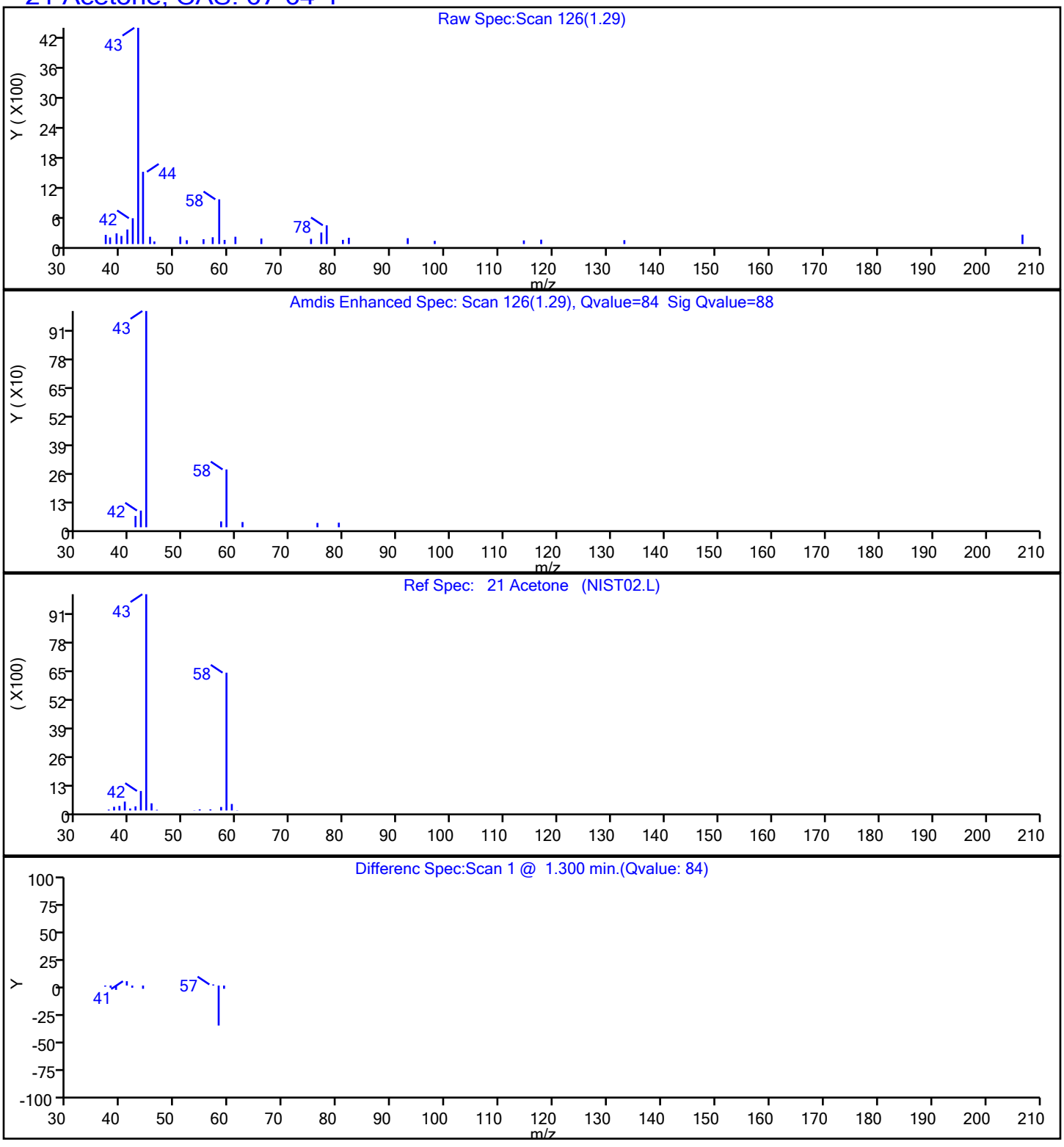
43 2-Butanone (MEK), CAS: 78-93-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71690.D				
Injection Date:	04-May-2021 01:09:30	Instrument ID:	CVOAMS2		
Lims ID:	460-233141-B-2-A	Lab Sample ID:	460-233141-2		
Client ID:	SB-03_7-9_20210428				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

21 Acetone, CAS: 67-64-1



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

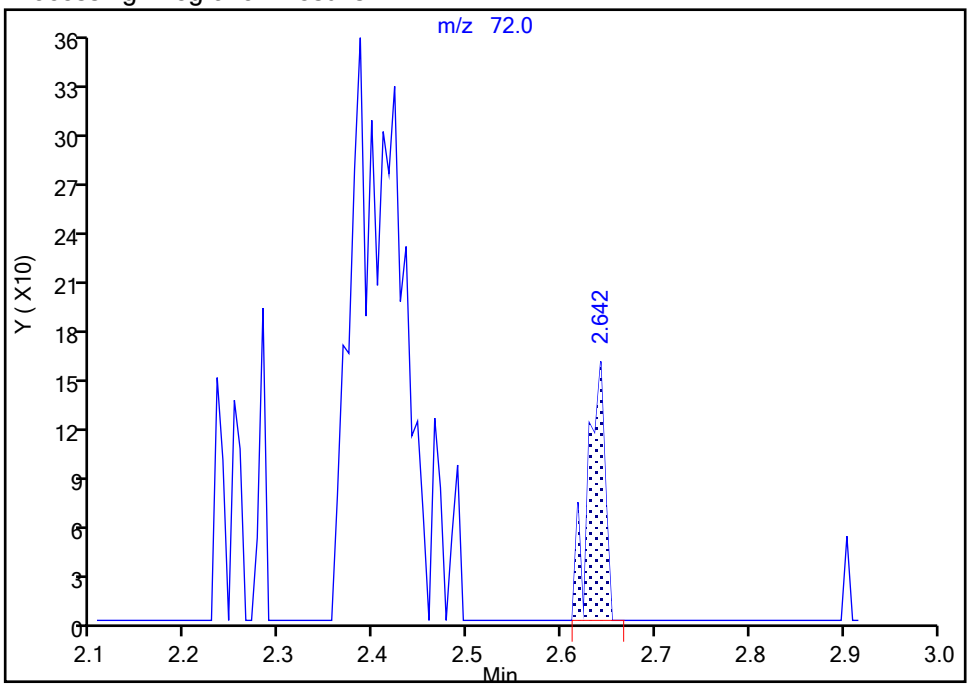
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71690.D				
Injection Date:	04-May-2021 01:09:30	Instrument ID:	CVOAMS2		
Lims ID:	460-233141-B-2-A	Lab Sample ID:	460-233141-2		
Client ID:	SB-03_7-9_20210428				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

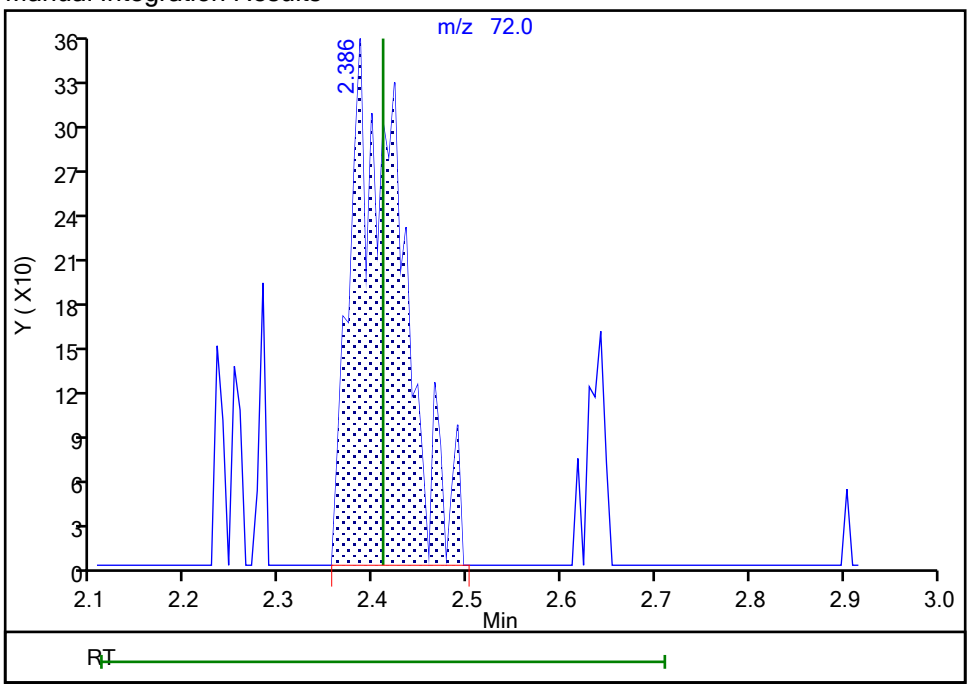
Processing Integration Results

RT: 2.64
Area: 198
Amount: 0.615061
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 1371
Amount: 4.258834
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 11:06:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-04_0-2_20210428 Lab Sample ID: 460-233141-3

Matrix: Solid Lab File ID: B71691.D

Analysis Method: 8260D Date Collected: 04/28/2021 09:26

Sample wt/vol: 4.61(g) Date Analyzed: 05/04/2021 01:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 22.8 Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00030
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042
79-00-5	1,1,2-Trichloroethane	0.0014	U	0.0014	0.00025
75-34-3	1,1-Dichloroethane	0.0014	U	0.0014	0.00029
75-35-4	1,1-Dichloroethene	0.0014	U	0.0014	0.00032
87-61-6	1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.00025
120-82-1	1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050
95-63-6	1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035
96-12-8	1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065
95-50-1	1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051
107-06-2	1,2-Dichloroethane	0.0014	U	0.0014	0.00042
78-87-5	1,2-Dichloropropane	0.0014	U	0.0014	0.00059
108-67-8	1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00044
541-73-1	1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051
106-46-7	1,4-Dichlorobenzene	0.0014	U	0.0014	0.00032
78-93-3	2-Butanone (MEK)	0.0070	U	0.0070	0.00052
591-78-6	2-Hexanone	0.0070	U	0.0070	0.0024
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0070	U *	0.0070	0.0022
67-64-1	Acetone	0.0084	U	0.0084	0.0080
71-43-2	Benzene	0.0014	U	0.0014	0.00036
75-25-2	Bromoform	0.0014	U	0.0014	0.00060
74-83-9	Bromomethane	0.0028	U	0.0028	0.0014
75-15-0	Carbon disulfide	0.0014	U	0.0014	0.00037
56-23-5	Carbon tetrachloride	0.0014	U	0.0014	0.00054
108-90-7	Chlorobenzene	0.0014	U	0.0014	0.00025
74-97-5	Chlorobromomethane	0.0014	U	0.0014	0.00039
124-48-1	Chlorodibromomethane	0.0014	U	0.0014	0.00027
75-00-3	Chloroethane	0.0014	U	0.0014	0.00073
67-66-3	Chloroform	0.0014	U	0.0014	0.0014
74-87-3	Chloromethane	0.0014	U	0.0014	0.00061
156-59-2	cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050
10061-01-5	cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038
110-82-7	Cyclohexane	0.0014	U	0.0014	0.00031
75-27-4	Dichlorobromomethane	0.0014	U	0.0014	0.00036

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-04_0-2_20210428 Lab Sample ID: 460-233141-3

Matrix: Solid Lab File ID: B71691.D

Analysis Method: 8260D Date Collected: 04/28/2021 09:26

Sample wt/vol: 4.61(g) Date Analyzed: 05/04/2021 01:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 22.8 Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0014	U	0.0014	0.00047
100-41-4	Ethylbenzene	0.0014	U	0.0014	0.00028
106-93-4	Ethylene Dibromide	0.0014	U	0.0014	0.00025
98-82-8	Isopropylbenzene	0.0014	U	0.0014	0.00040
79-20-9	Methyl acetate	0.0070	U	0.0070	0.0060
1634-04-4	Methyl tert-butyl ether	0.0014	U	0.0014	0.00072
108-87-2	Methylcyclohexane	0.0014	U	0.0014	0.00070
75-09-2	Methylene Chloride	0.0028	U	0.0028	0.0016
179601-23-1	m-Xylene & p-Xylene	0.0014	U	0.0014	0.00024
104-51-8	n-Butylbenzene	0.0014	U	0.0014	0.00041
103-65-1	N-Propylbenzene	0.0014	U	0.0014	0.00025
95-47-6	o-Xylene	0.0014	U	0.0014	0.00027
135-98-8	sec-Butylbenzene	0.0014	U	0.0014	0.00040
100-42-5	Styrene	0.0014	U	0.0014	0.00039
98-06-6	tert-Butylbenzene	0.0014	U	0.0014	0.00039
127-18-4	Tetrachloroethene	0.0014	U	0.0014	0.00043
108-88-3	Toluene	0.0014	U	0.0014	0.00033
156-60-5	trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035
10061-02-6	trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037
79-01-6	Trichloroethene	0.0014	U	0.0014	0.00045
75-69-4	Trichlorofluoromethane	0.0014	U	0.0014	0.00057
75-01-4	Vinyl chloride	0.0014	U	0.0014	0.00077
1330-20-7	Xylenes, Total	0.0028	U	0.0028	0.00090

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		77-145
460-00-4	4-Bromofluorobenzene	93		70-139
1868-53-7	Dibromofluoromethane (Surr)	109		48-150
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71691.D
Lims ID: 460-233141-B-3-A
Client ID: SB-04_0-2_20210428
Sample Type: Client
Inject. Date: 04-May-2021 01:35:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233141-B-3-A
Misc. Info.: 460-0127997-017
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2021 11:07:12 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: tupayachia Date: 04-May-2021 05:25:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.593	1.599	-0.006	0	289181	1000.0	M
* 40 2-Butanone-d5	46	2.367	2.367	0.000	0	222367	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.794	2.794	0.000	98	162991	54.6	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.081	3.087	-0.006	0	144604	46.9	
* 60 Fluorobenzene	96	3.422	3.428	-0.006	99	525261	50.0	
* 69 1,4-Dioxane-d8	96	4.245	4.245	0.000	0	21473	1000.0	M
$ 79 Toluene-d8 (Surr)	98	5.422	5.422	0.000	99	556150	51.9	
* 91 Chlorobenzene-d5	117	7.805	7.805	0.000	84	403575	50.0	
$ 103 4-Bromofluorobenzene	174	10.079	10.085	-0.006	94	173387	46.4	
* 117 1,4-Dichlorobenzene-d4	152	12.128	12.128	0.000	94	240139	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

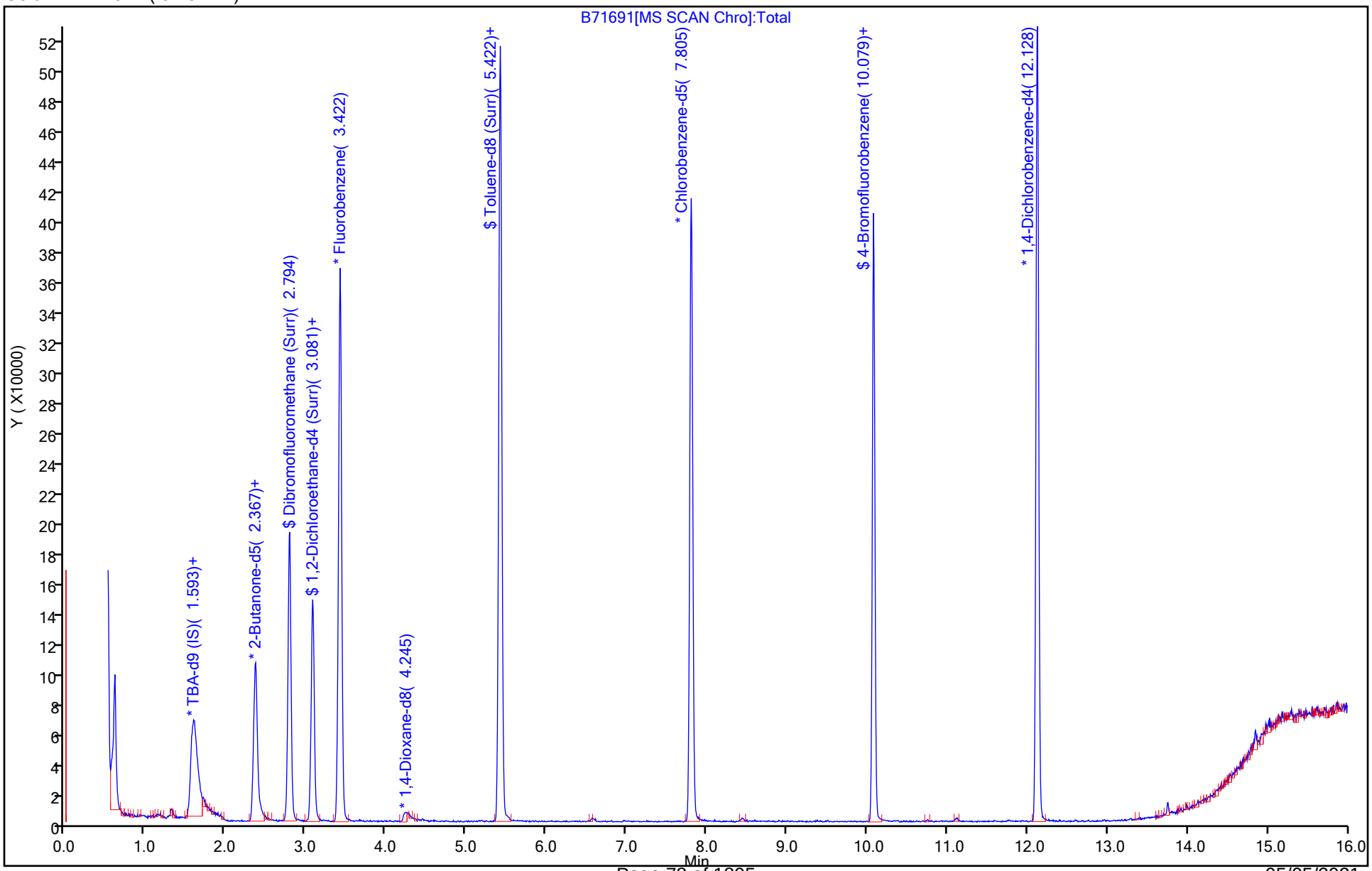
Report Date: 04-May-2021 11:07:13 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71691.D

Injection Date:	04-May-2021 01:35:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-233141-B-3-A	Lab Sample ID:	460-233141-3	Worklist Smp#:	17
Client ID:	SB-04_0-2_20210428				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

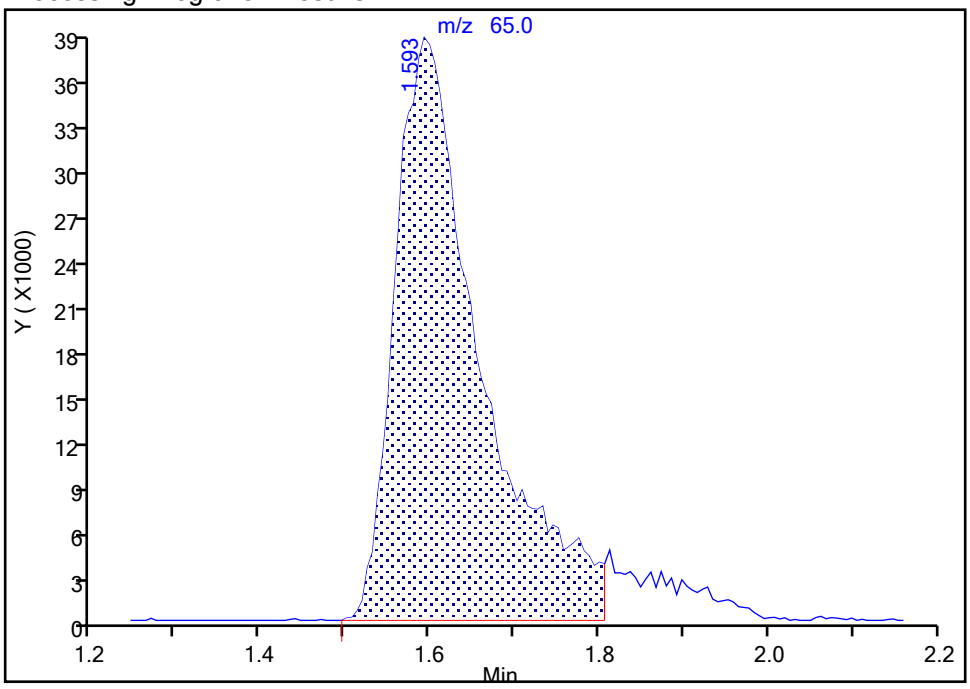
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71691.D				
Injection Date:	04-May-2021 01:35:30	Instrument ID:	CVOAMS2		
Lims ID:	460-233141-B-3-A	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

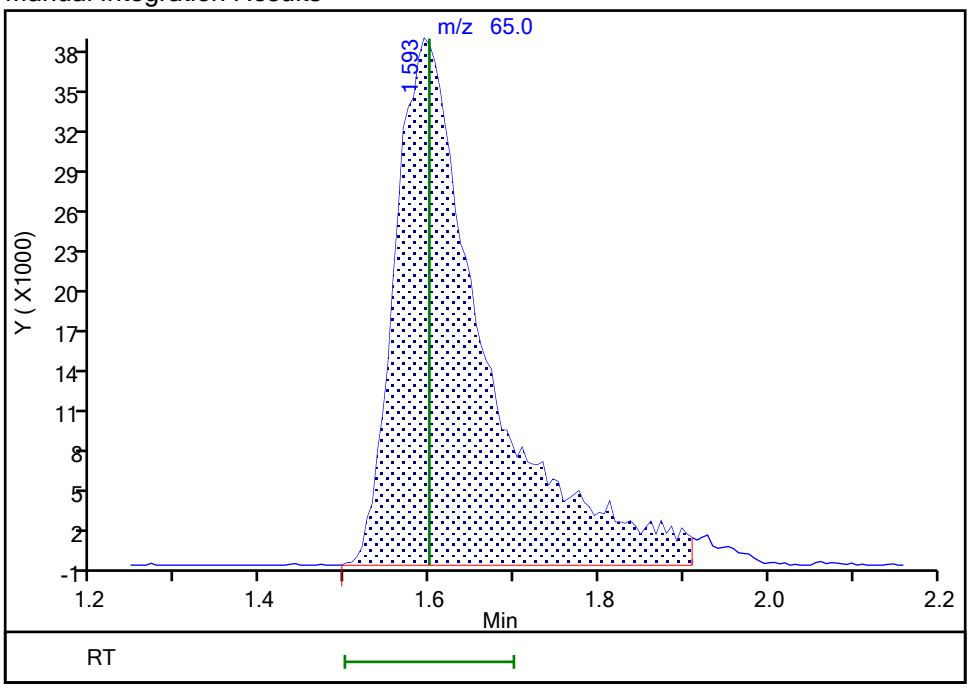
Processing Integration Results

RT: 1.59
Area: 271637
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 289181
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 11:07:00
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

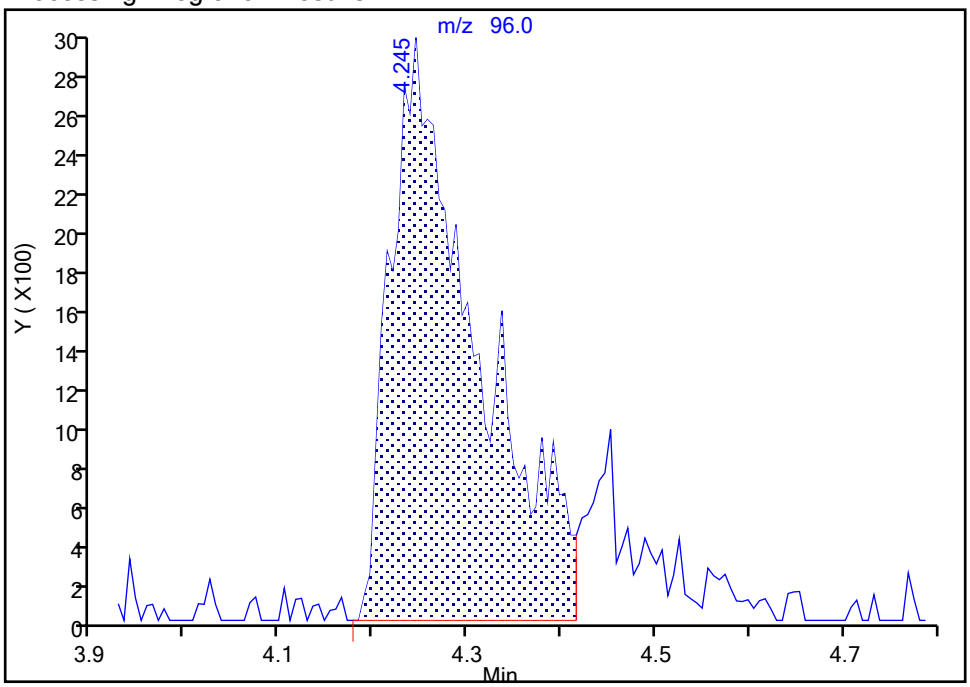
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71691.D				
Injection Date:	04-May-2021 01:35:30	Instrument ID:	CVOAMS2		
Lims ID:	460-233141-B-3-A	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

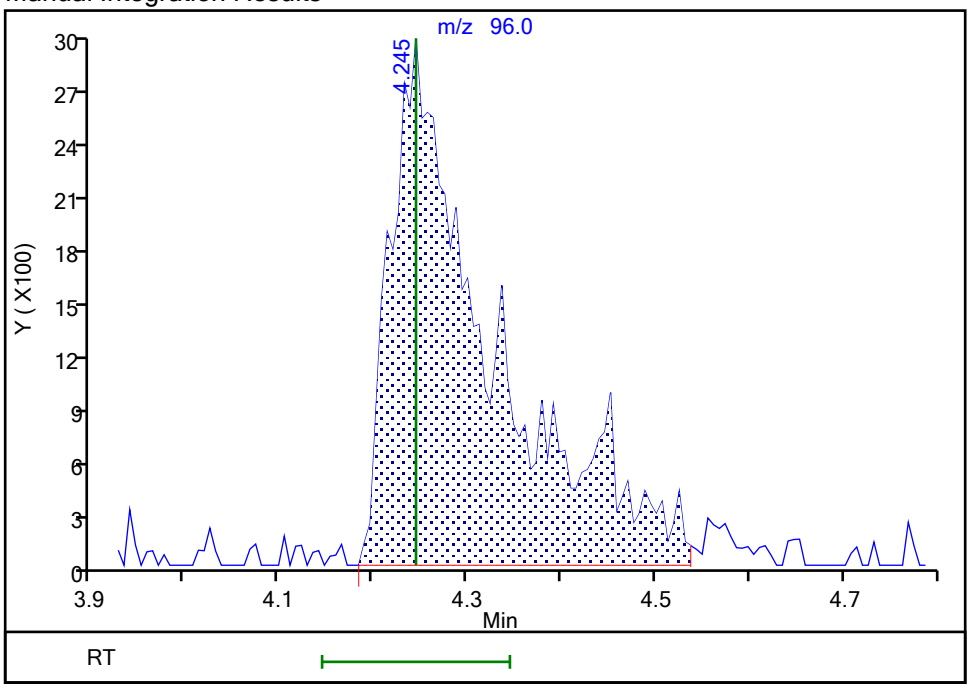
Processing Integration Results

RT: 4.24
Area: 18540
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 21473
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 11:06:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-04_4-6_20210428 Lab Sample ID: 460-233141-4

Matrix: Solid Lab File ID: B71692.D

Analysis Method: 8260D Date Collected: 04/28/2021 09:29

Sample wt/vol: 5.10(g) Date Analyzed: 05/04/2021 02:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.2 Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037
79-00-5	1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022
75-34-3	1,1-Dichloroethane	0.0012	U	0.0012	0.00025
75-35-4	1,1-Dichloroethene	0.0012	U	0.0012	0.00027
87-61-6	1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022
120-82-1	1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00030
96-12-8	1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056
95-50-1	1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044
107-06-2	1,2-Dichloroethane	0.0012	U	0.0012	0.00036
78-87-5	1,2-Dichloropropane	0.0012	U	0.0012	0.00051
108-67-8	1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00038
541-73-1	1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044
106-46-7	1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027
78-93-3	2-Butanone (MEK)	0.0061	U	0.0061	0.00045
591-78-6	2-Hexanone	0.0061	U	0.0061	0.0021
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0061	U *	0.0061	0.0019
67-64-1	Acetone	0.0073	U	0.0073	0.0069
71-43-2	Benzene	0.0012	U	0.0012	0.00031
75-25-2	Bromoform	0.0012	U	0.0012	0.00052
74-83-9	Bromomethane	0.0024	U	0.0024	0.0012
75-15-0	Carbon disulfide	0.0012	U	0.0012	0.00032
56-23-5	Carbon tetrachloride	0.0012	U	0.0012	0.00047
108-90-7	Chlorobenzene	0.0012	U	0.0012	0.00021
74-97-5	Chlorobromomethane	0.0012	U	0.0012	0.00034
124-48-1	Chlorodibromomethane	0.0012	U	0.0012	0.00024
75-00-3	Chloroethane	0.0012	U	0.0012	0.00063
67-66-3	Chloroform	0.0012	U	0.0012	0.0012
74-87-3	Chloromethane	0.0012	U	0.0012	0.00053
156-59-2	cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043
10061-01-5	cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033
110-82-7	Cyclohexane	0.0012	U	0.0012	0.00027
75-27-4	Dichlorobromomethane	0.0012	U	0.0012	0.00031

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-04_4-6_20210428 Lab Sample ID: 460-233141-4

Matrix: Solid Lab File ID: B71692.D

Analysis Method: 8260D Date Collected: 04/28/2021 09:29

Sample wt/vol: 5.10(g) Date Analyzed: 05/04/2021 02:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.2 Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0012	U	0.0012	0.00041
100-41-4	Ethylbenzene	0.0012	U	0.0012	0.00024
106-93-4	Ethylene Dibromide	0.0012	U	0.0012	0.00022
98-82-8	Isopropylbenzene	0.0012	U	0.0012	0.00035
79-20-9	Methyl acetate	0.0061	U	0.0061	0.0052
1634-04-4	Methyl tert-butyl ether	0.0012	U	0.0012	0.00062
108-87-2	Methylcyclohexane	0.0012	U	0.0012	0.00061
75-09-2	Methylene Chloride	0.0024	U	0.0024	0.0014
179601-23-1	m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021
104-51-8	n-Butylbenzene	0.0012	U	0.0012	0.00036
103-65-1	N-Propylbenzene	0.0012	U	0.0012	0.00021
95-47-6	o-Xylene	0.0012	U	0.0012	0.00024
135-98-8	sec-Butylbenzene	0.0012	U	0.0012	0.00035
100-42-5	Styrene	0.0012	U	0.0012	0.00034
98-06-6	tert-Butylbenzene	0.0012	U	0.0012	0.00034
127-18-4	Tetrachloroethene	0.00040	J	0.0012	0.00037
108-88-3	Toluene	0.0012	U	0.0012	0.00028
156-60-5	trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032
79-01-6	Trichloroethene	0.0012	U	0.0012	0.00039
75-69-4	Trichlorofluoromethane	0.0012	U	0.0012	0.00049
75-01-4	Vinyl chloride	0.0012	U	0.0012	0.00066
1330-20-7	Xylenes, Total	0.0024	U	0.0024	0.00078

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-145
460-00-4	4-Bromofluorobenzene	103		70-139
1868-53-7	Dibromofluoromethane (Surr)	119		48-150
2037-26-5	Toluene-d8 (Surr)	114		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71692.D
Lims ID: 460-233141-B-4-A
Client ID: SB-04_4-6_20210428
Sample Type: Client
Inject. Date: 04-May-2021 02:00:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233141-B-4-A
Misc. Info.: 460-0127997-018
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2021 11:08:01 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: tupayachia Date: 04-May-2021 05:25:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.605	1.599	0.006	0	261278	1000.0	M
* 40 2-Butanone-d5	46	2.373	2.367	0.006	0	214228	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.788	2.794	-0.006	97	175266	59.4	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.081	3.087	-0.006	0	152000	50.0	
* 60 Fluorobenzene	96	3.422	3.428	-0.006	100	518445	50.0	
* 69 1,4-Dioxane-d8	96	4.227	4.245	-0.018	0	17283	1000.0	M
$ 79 Toluene-d8 (Surr)	98	5.422	5.422	0.000	99	603516	56.9	
85 Tetrachloroethene	166	6.360	6.354	0.006	48	1254	0.3299	M
* 91 Chlorobenzene-d5	117	7.805	7.805	0.000	84	399529	50.0	
$ 103 4-Bromofluorobenzene	174	10.085	10.085	0.000	97	188316	51.5	
* 117 1,4-Dichlorobenzene-d4	152	12.128	12.128	0.000	94	234966	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00217 Amount Added: 1.00 Units: uL Run Reagent

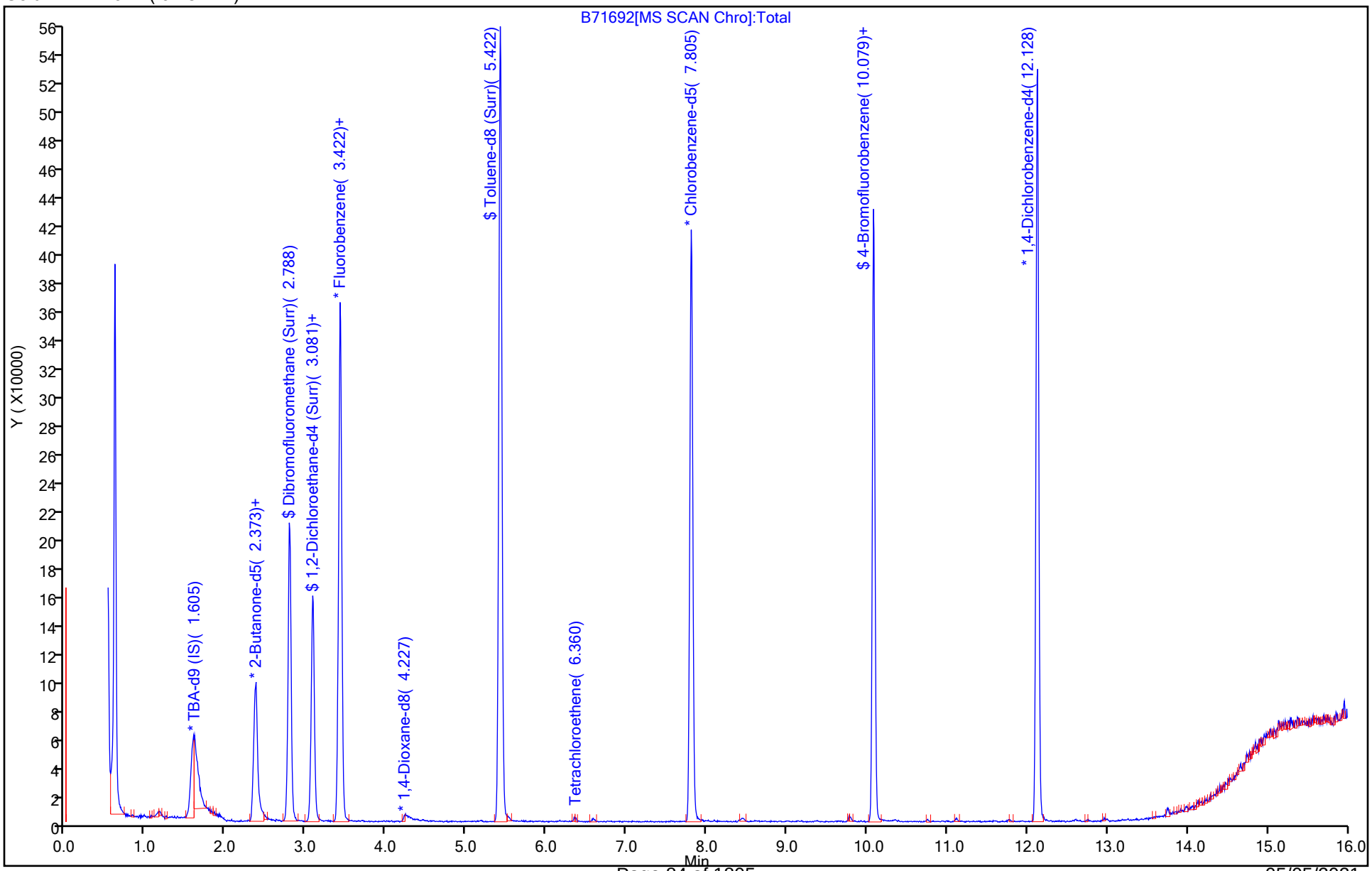
Report Date: 04-May-2021 11:08:02 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71692.D

Injection Date:	04-May-2021 02:00:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-233141-B-4-A	Lab Sample ID:	460-233141-4	Worklist Smp#:	18
Client ID:	SB-04_4-6_20210428				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

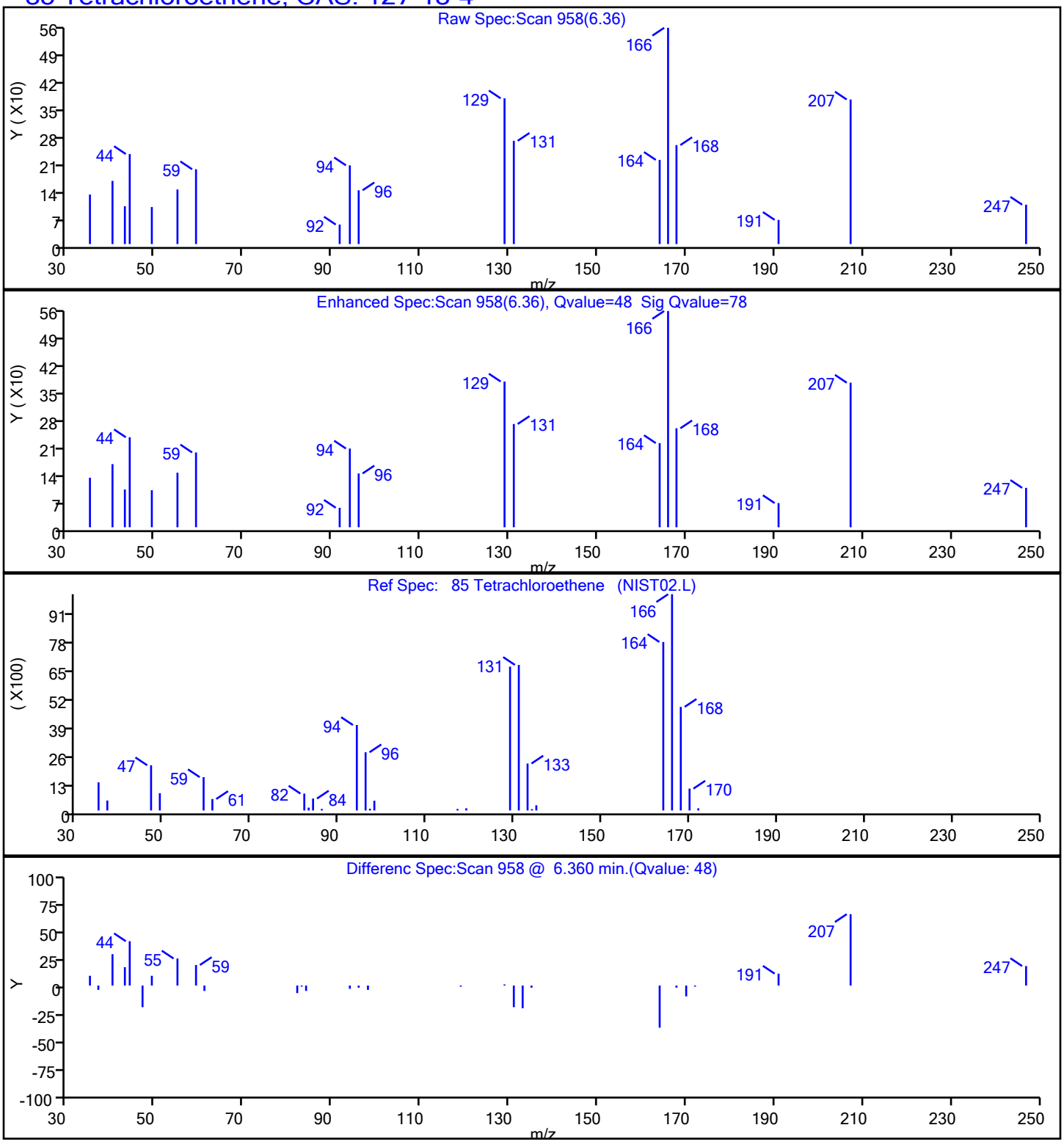
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71692.D				
Injection Date:	04-May-2021 02:00:30	Instrument ID:	CVOAMS2		
Lims ID:	460-233141-B-4-A	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

85 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

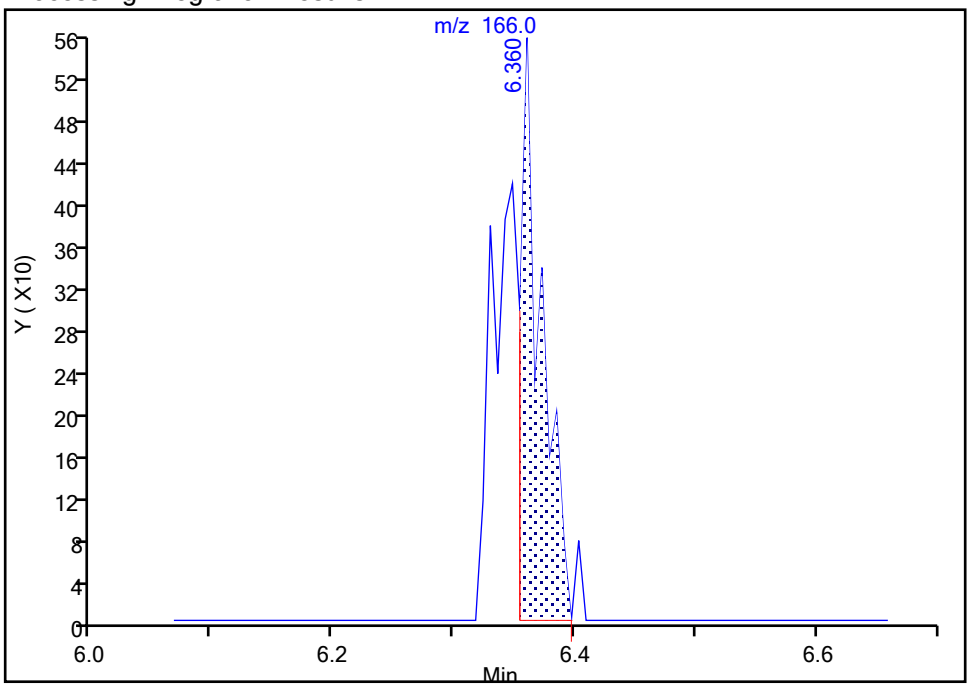
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71692.D				
Injection Date:	04-May-2021 02:00:30	Instrument ID:	CVOAMS2		
Lims ID:	460-233141-B-4-A	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

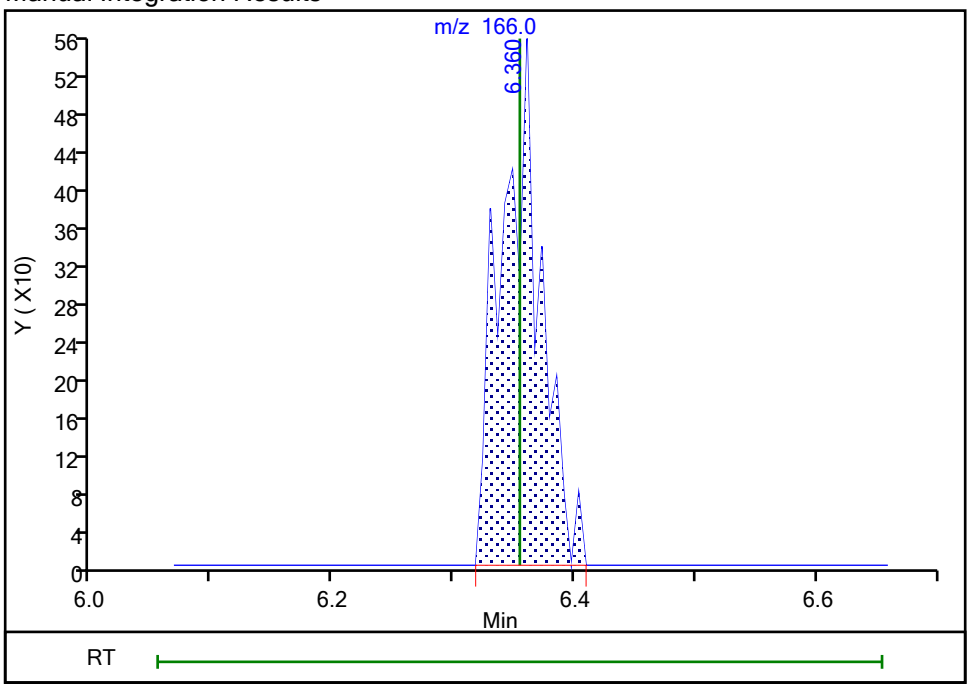
Processing Integration Results

RT: 6.36
Area: 669
Amount: 0.176006
Amount Units: ug/l



Manual Integration Results

RT: 6.36
Area: 1254
Amount: 0.329912
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 11:07:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

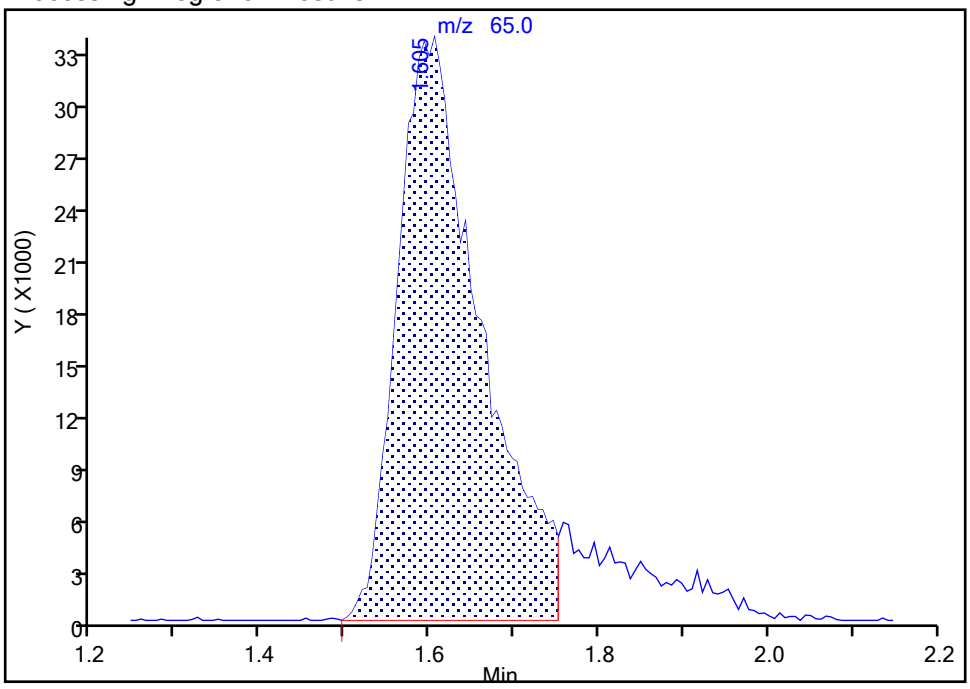
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71692.D				
Injection Date:	04-May-2021 02:00:30	Instrument ID:	CVOAMS2		
Lims ID:	460-233141-B-4-A	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

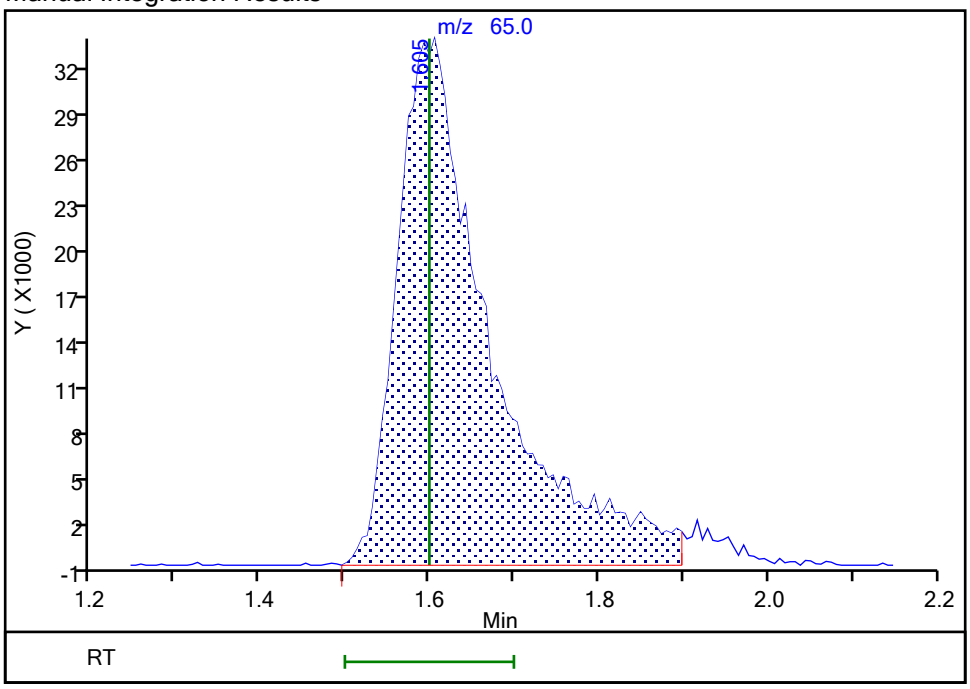
Processing Integration Results

RT: 1.61
Area: 232004
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.61
Area: 261278
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 11:07:25

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

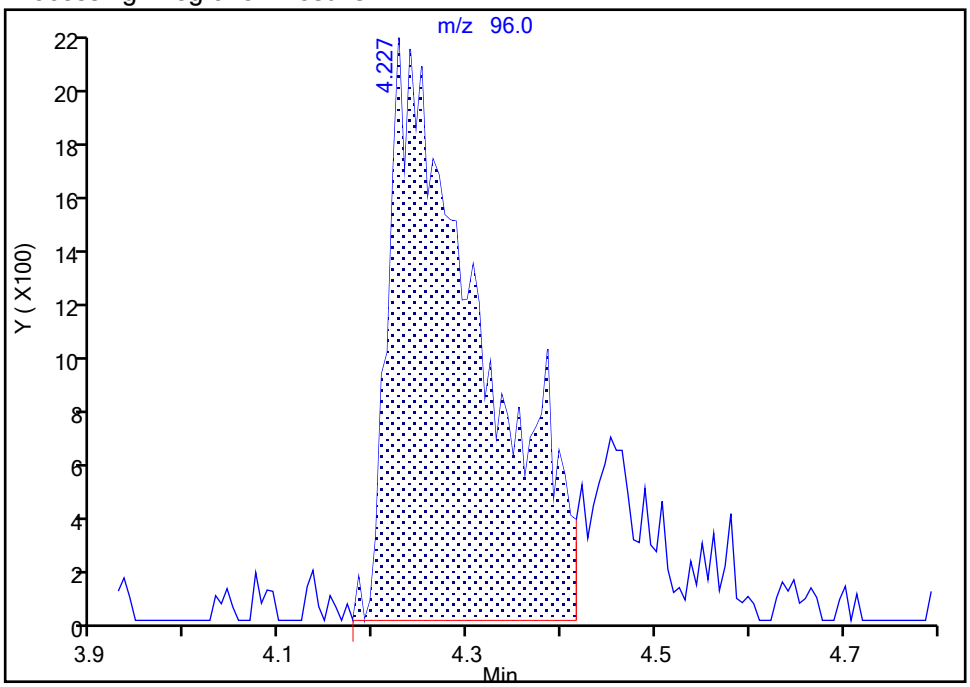
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71692.D				
Injection Date:	04-May-2021 02:00:30	Instrument ID:	CVOAMS2		
Lims ID:	460-233141-B-4-A	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

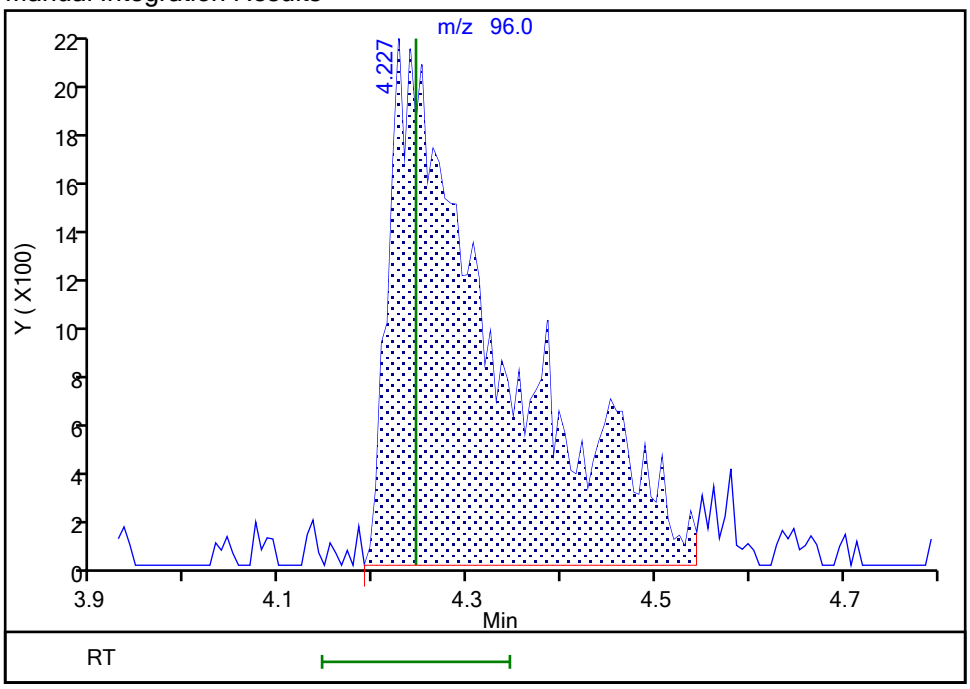
Processing Integration Results

RT: 4.23
Area: 14540
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.23
Area: 17283
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 11:07:35

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-763993/4	B69793.D
Level 2	STD5 460-763993/5	B69794.D
Level 3	STD20 460-763993/6	B69795.D
Level 4	STD50 460-763993/7	B69796.D
Level 5	STD200 460-763993/8	B69797.D
Level 6	STD500 460-763993/9	B69798.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.5244 0.5732	0.6804	0.6569	0.6228	0.5819	Ave		0.6066			0.1000	9.5		20.0			
Chlorodifluoromethane	0.1098 0.0665	0.0841	0.0793	0.0729	0.0683	Qua2	0.0349	0.0754	-0.000021						0.9990		0.9900
Chloromethane	0.5610 0.5150	0.6533	0.6311	0.5606	0.5403	Ave		0.5769			0.1000	9.3		20.0			
Butadiene	0.3353 0.3423	0.4627	0.4203	0.3805	0.3489	Ave		0.3817				13.3		20.0			
Vinyl chloride	0.3575 0.3873	0.4813	0.4599	0.4130	0.3946	Ave		0.4156			0.1000	11.2		20.0			
Bromomethane	0.3185 0.2767	0.3563	0.3521	0.3101	0.2893	Ave		0.3172			0.1000	10.2		20.0			
Chloroethane	0.2363 0.2031	0.2834	0.2570	0.2207	0.2074	Ave		0.2347			0.1000	13.2		20.0			
Dichlorofluoromethane	0.6386 0.5279	0.6940	0.6503	0.5766	0.5359	Ave		0.6039				11.1		20.0			
Pentane	0.0444 0.0448	0.0625	0.0512	0.0479	0.0444	Ave		0.0492				14.3		20.0			
Trichlorofluoromethane	0.4927 0.5376	0.6820	0.6360	0.5738	0.5257	Ave		0.5746			0.1000	12.5		20.0			
Ethanol	0.0534 0.0251	0.0334	0.0325	0.0243	0.0235	QuaF		0.0229	0.0000001						1.0000		0.9900
Ethyl ether	0.2056 0.1823	0.2380	0.2180	0.2088	0.1930	Ave		0.2076				9.4		20.0			
2-Methyl-1,3-butadiene	0.2904 0.2469	0.3213	0.2861	0.2749	0.2419	Ave		0.2769				10.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.3287 0.2884	0.3479	0.3231	0.3027	0.2861	Ave		0.3128				7.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	1.1169 1.3740	1.1771	1.5163	1.3103	1.3092	Ave		1.3007				10.9		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.5192 0.4274	0.5197	0.5065	0.4597	0.4249	Ave		0.4762				9.4		20.0			
1,1-Dichloroethene	0.2863 0.2804	0.3336	0.3187	0.2943	0.2760	Ave		0.2982			0.1000	7.7		20.0			
Acetone	0.8792 0.8462	0.6005	0.7831	0.6833	0.8336	Ave		0.7710			0.0500	14.0		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2666 0.3270	0.4131	0.3825	0.3546	0.3178	Ave		0.3436			0.1000	15.0		20.0			
Iodomethane	0.5282 0.5982	0.7013	0.6784	0.6311	0.5919	Ave		0.6215				10.1		20.0			
Carbon disulfide	1.0122 1.0299	1.1864	1.1383	1.0587	0.9991	Ave		1.0708			0.1000	7.0		20.0			
Isopropyl alcohol	0.6199 0.6967	0.7133	0.6200	0.6475	0.7038	Ave		0.6669				6.4		20.0			
3-Chloro-1-propene	0.3583 0.3627	0.3671	0.3804	0.3915	0.3801	Ave		0.3733				3.4		20.0			
Methyl acetate	0.1927 0.1812	0.1685	0.2034	0.1999	0.1968	Ave		0.1904			0.1000	6.9		20.0			
Acetonitrile	0.8514 0.9162	0.8925	1.1055	0.7608	0.7320	Ave		0.8764				15.2		20.0			
Methylene Chloride	0.2994 0.3014	0.3619	0.3524	0.3283	0.3021	Ave		0.3243			0.1000	8.6		20.0			
2-Methyl-2-propanol	0.7792 1.2859	1.4935	1.2633	1.2942	1.3020	Ave		1.2363				19.3		20.0			
Acrylonitrile	4.1300 4.2313	4.7554	4.5598	4.3688	4.0587	Ave		4.3507				6.1		20.0			
trans-1,2-Dichloroethene	0.3114 0.3055	0.3759	0.3507	0.3388	0.3028	Ave		0.3308			0.1000	8.9		20.0			
Methyl tert-butyl ether	0.8897 0.7639	0.8718	0.9151	0.8848	0.8155	Ave		0.8568			0.1000	6.6		20.0			
Hexane	0.3496 0.4704	0.5318	0.5166	0.4925	0.4573	Ave		0.4697				13.8		20.0			
1,1-Dichloroethane	0.5398 0.5564	0.6377	0.6037	0.5787	0.5497	Ave		0.5777			0.2000	6.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	0.4114 0.5254	0.4854	0.4844	0.4471	0.4647	Ave		0.4697				8.2		20.0			
2-Chloro-1,3-butadiene	0.2622 0.2840	0.3110	0.2926	0.2841	0.2719	Ave		0.2843				5.9		20.0			
Isopropyl ether	0.9318 0.9169	1.0829	1.0396	1.0191	0.9200	Ave		0.9850				7.2		20.0			
Tert-butyl ethyl ether	0.2872 0.3601	0.3717	0.3726	0.3758	0.3512	Ave		0.3531				9.5		20.0			
cis-1,2-Dichloroethene	0.3191 0.3433	0.3678	0.3553	0.3488	0.3380	Ave		0.3454			0.1000	4.8		20.0			
2,2-Dichloropropane	0.1308 0.1552	0.1737	0.1679	0.1603	0.1548	Ave		0.1571				9.4		20.0			
2-Butanone (MEK)	0.4787 0.3401	0.3583	0.2983	0.3006	0.3261	Ave		0.3503			0.0500	19.1		20.0			
Propionitrile	0.3967 0.3262	0.2670	0.3490	0.3335	0.3217	Ave		0.3324				12.7		20.0			
Ethyl acetate	0.1751 0.2677	0.2872	0.2186	0.2327	0.2393	Ave		0.2368				16.5		20.0			
Methyl acrylate	0.3301 0.2565	0.2985	0.2755	0.2922	0.2612	Ave		0.2857				9.6		20.0			
Chlorobromomethane	0.1724 0.1704	0.1948	0.1842	0.1777	0.1741	Ave		0.1789				5.1		20.0			
Methacrylonitrile	0.0960 0.0968	0.1051	0.1049	0.1098	0.0975	Ave		0.1017				5.6		20.0			
Tetrahydrofuran	0.1655 0.4037	0.3869	0.3972	0.4022	0.3914	QuaF		0.3858	0.0000178						1.0000		0.9900
Chloroform	0.5699 0.5415	0.6030	0.5739	0.5516	0.5361	Ave		0.5627			0.2000	4.4		20.0			
1,1,1-Trichloroethane	0.5025 0.5120	0.5494	0.5313	0.5218	0.5004	Ave		0.5196			0.1000	3.6		20.0			
Cyclohexane	0.4351 0.5119	0.5521	0.5320	0.5097	0.4915	Ave		0.5054			0.1000	8.0		20.0			
1,1-Dichloropropene	0.3768 0.4381	0.4755	0.4395	0.4317	0.4318	Ave		0.4322				7.3		20.0			
Carbon tetrachloride	0.4202 0.4631	0.5020	0.4746	0.4546	0.4486	Ave		0.4605			0.1000	5.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	1.3841 1.5783	1.6838	1.5708	1.5098	1.5570	Ave		1.5473			0.5000	6.3		20.0			
1,2-Dichloroethane	0.3894 0.3771	0.4108	0.4001	0.3956	0.3857	Ave		0.3931			0.1000	3.0		20.0			
Isobutyl alcohol	0.3181 0.2441	0.2554	0.2293	0.2259	0.2485	Ave		0.2535				13.2		20.0			
Tert-amyl methyl ether	0.8632 0.9595	0.8807	0.9742	1.0178	0.9513	Ave		0.9411				6.2		20.0			
Isopropyl acetate	0.9391 1.1498	1.2620	1.2563	1.3647	1.1715	Ave		1.1906				12.2		20.0			
n-Heptane	0.4487 0.5420	0.6443	0.6175	0.5887	0.5803	Ave		0.5703				12.1		20.0			
Trichloroethene	0.2797 0.3368	0.3380	0.3283	0.3268	0.3324	Ave		0.3237			0.2000	6.8		20.0			
n-Butanol	0.0953 0.1382	0.1254	0.0608	0.0645	0.1032	QuaF		0.0765	0.0000049						1.0000		0.9900
Methylcyclohexane	0.4947 0.6184	0.6013	0.6132	0.6001	0.6045	Ave		0.5887			0.1000	7.9		20.0			
Ethyl acrylate	0.5954 0.7908	0.7984	0.8017	0.8270	0.7922	Ave		0.7676				11.1		20.0			
1,2-Dichloropropane	0.3007 0.3087	0.3117	0.3265	0.3201	0.3178	Ave		0.3142			0.1000	2.9		20.0			
Dibromomethane	0.1809 0.1807	0.1806	0.1857	0.1868	0.1859	Ave		0.1834				1.6		20.0			
1,4-Dioxane	1.1133 0.8741	1.0998	1.1127	1.4297	1.3543	Ave		1.1640				17.2		20.0			
Methyl methacrylate	0.0409 0.0697	0.0647	0.0673	0.0724	0.0695	Ave		0.0641				18.2		20.0			
Dichlorobromomethane	0.3758 0.4087	0.4111	0.3997	0.4038	0.4087	Ave		0.4013			0.2000	3.3		20.0			
n-Propyl acetate	0.3803 0.3447	0.3090	0.3388	0.3817	0.3682	Ave		0.3538				8.0		20.0			
2-Nitropropane	0.0577 0.0608	0.0518	0.0537	0.0638	0.0618	Ave		0.0583				8.2		20.0			
2-Chloroethyl vinyl ether	0.0117 0.0302	0.0135	0.0144	0.0209	0.0261	QuaF		0.0227	0.0000150						1.0000		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	0.0774 0.1807	0.1096	0.1070	0.1290	0.1630	QuaF		0.1466	0.0000034						1.0000		0.9900
cis-1,3-Dichloropropene	0.4395 0.6342	0.5413	0.5512	0.5896	0.6270	Ave		0.5638			0.2000	12.7		20.0			
4-Methyl-2-pentanone (MIBK)	3.0146 2.8461	2.8174	2.9111	2.8384	2.8747	Ave		2.8837			0.0500	2.5		20.0			
Toluene	1.5845 1.7259	1.7259	1.6564	1.6134	1.6921	Ave		1.6664			0.4000	3.5		20.0			
trans-1,3-Dichloropropene	0.3833 0.5495	0.4906	0.4745	0.5146	0.5502	Ave		0.4938			0.1000	12.6		20.0			
1,1,2-Trichloroethane	0.2520 0.2606	0.2649	0.2724	0.2657	0.2688	Ave		0.2641			0.1000	2.7		20.0			
Ethyl methacrylate	0.2471 0.3491	0.2621	0.3231	0.3577	0.3577	Ave		0.3161				15.7		20.0			
Tetrachloroethene	0.4015 0.5099	0.5062	0.4683	0.4762	0.4920	Ave		0.4757			0.2000	8.4		20.0			
1,3-Dichloropropane	0.4859 0.5446	0.5304	0.5446	0.5373	0.5487	Ave		0.5319				4.4		20.0			
2-Hexanone	1.5736 2.0565	1.6902	1.9049	2.0039	2.0872	Ave		1.8861			0.0500	11.1		20.0			
Chlorodibromomethane	0.3312 0.4066	0.3440	0.3650	0.3740	0.3996	Ave		0.3701			0.1000	8.0		20.0			
Ethylene Dibromide	0.2716 0.3323	0.3151	0.3201	0.3328	0.3395	Ave		0.3186			0.1000	7.7		20.0			
n-Butyl acetate	0.0649 0.0839	0.0810	0.0785	0.0830	0.0843	Ave		0.0793				9.3		20.0			
Chlorobenzene	0.9407 1.1261	1.1106	1.0921	1.0700	1.1092	Ave		1.0748			0.5000	6.4		20.0			
1,1,1,2-Tetrachloroethane	0.3602 0.4477	0.3891	0.4031	0.4036	0.4433	Ave		0.4078				8.1		20.0			
Ethylbenzene	0.4480 0.6447	0.6000	0.6117	0.5954	0.6333	Ave		0.5888			0.1000	12.2		20.0			
m-Xylene & p-Xylene	0.5060 0.7864	0.7102	0.7293	0.7212	0.7712	Ave		0.7041			0.1000	14.4		20.0			
o-Xylene	0.5529 0.7717	0.6754	0.7156	0.7241	0.7735	Ave		0.7022			0.3000	11.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Styrene	0.9150 1.3195	1.0691	1.1807	1.2140	1.2883	Ave		1.1644			0.3000	12.9		20.0			
n-Butyl acrylate	0.1766 0.2590	0.1933	0.2136	0.2501	0.2578	Ave		0.2251				15.8		20.0			
Bromoform	0.2372 0.3008	0.2428	0.2583	0.2808	0.2937	Ave		0.2689			0.1000	9.9		20.0			
Amyl acetate (mixed isomers)	0.8071 0.9925	0.7425	0.8459	0.9977	1.0152	Ave		0.9001				12.9		20.0			
Isopropylbenzene	1.2940 2.1765	1.8868	1.9771	1.9873	2.1315	Ave		1.9089			0.1000	16.7		20.0			
Bromobenzene	0.7291 0.8638	0.8478	0.8321	0.8361	0.8489	Ave		0.8263				5.9		20.0			
1,2,3-Trichloropropane	0.2540 0.1956	0.2243	0.2124	0.2062	0.2053	Ave		0.2163				9.6		20.0			
1,1,2,2-Tetrachloroethane	0.6923 0.7120	0.7788	0.7231	0.7536	0.7463	Ave		0.7344			0.3000	4.3		20.0			
trans-1,4-Dichloro-2-butene	0.1153 0.2067	0.1664	0.1695	0.1928	0.2032	Ave		0.1757				19.4		20.0			
N-Propylbenzene	0.7367 0.9719	0.9388	0.9181	0.9107	0.9555	Ave		0.9053				9.5		20.0			
2-Chlorotoluene	0.6755 0.8580	0.7962	0.8295	0.7953	0.8429	Ave		0.7996				8.2		20.0			
4-Ethyltoluene	2.3900 3.4316	3.1156	3.2136	3.1968	3.2704	Ave		3.1030				11.8		20.0			
4-Chlorotoluene	2.2386 2.8180	2.7447	2.7752	2.6896	2.7723	Ave		2.6731				8.1		20.0			
1,3,5-Trimethylbenzene	2.0563 3.0618	2.6697	2.7498	2.7016	2.9822	Ave		2.7035				13.1		20.0			
Butyl Methacrylate	0.5155 0.8585	0.5523	0.6249	0.7643	0.8312	QuaF		0.8008	0.0001162						1.0000		0.9900
tert-Butylbenzene	1.4916 2.5966	2.0751	2.1866	2.2396	2.5158	Ave		2.1842				18.0		20.0			
1,2,4-Trimethylbenzene	2.1656 3.0691	2.6709	2.8435	2.8003	3.0201	Ave		2.7616				11.8		20.0			
sec-Butylbenzene	2.4971 4.0911	3.4938	3.6334	3.6076	3.9751	Ave		3.5497				15.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Dichlorobenzene	1.5023 1.7146	1.7232	1.6683	1.6351	1.6973	Ave		1.6568			0.6000	5.0		20.0			
1,4-Dichlorobenzene	1.6130 1.6981	1.7660	1.6757	1.6403	1.6792	Ave		1.6787			0.5000	3.1		20.0			
4-Isopropyltoluene	2.3564 3.5560	3.0857	3.0587	3.1106	3.4608	Ave		3.1047				13.6		20.0			
1,2,3-Trimethylbenzene	2.2528 3.1583	2.7784	2.8569	2.8810	3.0512	Ave		2.8298				11.1		20.0			
Benzyl chloride	0.0965 0.2709	0.1332	0.1257	0.1793	0.2454	QuaF		0.2186	0.0001054						0.9990		0.9900
Indan	1.0220 1.4281	1.2408	1.3495	1.4241	1.3946	Ave		1.3098				12.0		20.0			
1,2-Dichlorobenzene	1.4203 1.6958	1.6402	1.6004	1.6146	1.6819	Ave		1.6089			0.4000	6.2		20.0			
p-Diethylbenzene	1.2439 1.8724	1.6452	1.7131	1.7318	1.7935	Ave		1.6667				13.3		20.0			
n-Butylbenzene	1.2883 2.0026	1.7983	1.8184	1.7757	1.8836	Ave		1.7611				13.9		20.0			
1,2-Dibromo-3-Chloropropane	0.1388 0.1640	0.1496	0.1456	0.1703	0.1838	Ave		0.1587			0.0500	10.7		20.0			
1,2,4,5-Tetramethylbenzene	2.2743 2.9216	2.6788	2.9556	3.1261	3.3541	Ave		2.8851				13.0		20.0			
1,3,5-Trichlorobenzene	1.2248 1.5909	1.5096	1.4139	1.4063	1.5146	Ave		1.4433				8.8		20.0			
1,2,4-Trichlorobenzene	1.2445 1.4151	1.2816	1.2406	1.2851	1.4247	Ave		1.3153			0.2000	6.3		20.0			
Hexachlorobutadiene	0.5903 0.8895	0.7559	0.6910	0.7025	0.8212	Ave		0.7417				14.2		20.0			
Naphthalene	2.6758 2.5544	2.2558	2.2718	2.7549	3.1374	Ave		2.6084				12.7		20.0			
1,2,3-Trichlorobenzene	1.1601 1.3669	1.2611	1.1425	1.2563	1.3784	Ave		1.2609				7.9		20.0			
Dibromofluoromethane (Surr)	0.2978 0.2698	0.2752	0.2811	0.2952	0.2871	Ave		0.2844				3.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3029 0.2699	0.2874	0.2873	0.3132	0.2990	Ave		0.2933				5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene-d8 (Surr)	1.3038 1.3296	1.2808	1.3046	1.3273	1.4235	Ave		1.3283				3.8		20.0			
4-Bromofluorobenzene	0.7748 0.7629	0.7554	0.7773	0.7711	0.8238	Ave		0.7776				3.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-763993/4	B69793.D
Level 2	STD5 460-763993/5	B69794.D
Level 3	STD20 460-763993/6	B69795.D
Level 4	STD50 460-763993/7	B69796.D
Level 5	STD200 460-763993/8	B69797.D
Level 6	STD500 460-763993/9	B69798.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	5817 4556712	41334	152971	399857	1665163	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Qua2	1218 528512	5111	18456	46830	195458	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6223 4094194	39685	146956	359895	1546202	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	3719 2721038	28105	97872	244298	998439	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	3966 3078690	29239	107092	265129	1129233	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	3533 2199510	21642	81982	199066	827948	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2621 1614618	17216	59849	141681	593548	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	7084 4196849	42160	151423	370171	1533485	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	986 711973	7591	23866	61470	253999	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	5465 4273736	41431	148088	368386	1504166	1.00 500	5.00	20.0	50.0	200
Ethanol	TBAd 9	QuaF	559 139056	1659	5981	14222	51122	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Ave	2281 1449420	14458	50772	134045	552323	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	3221 1962695	19520	66626	176498	692074	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	3646 2292556	21135	75247	194362	818737	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	29242 228478	58451	104749	153195	178051	100 600	200	300	400	500
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	5759 3397489	31570	117954	295138	1215793	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3176 2229056	20264	74209	188923	789790	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Ave	4595 2907771	17435	79884	221867	1113233	5.00 2500	25.0	100	250	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	2957 2599431	25092	89074	227644	909423	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	5859 4755316	42601	157960	405158	1693817	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	11227 8187707	72071	265054	679707	2859048	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	1623 965365	8855	28553	94623	382856	10.0 5000	50.0	200	500	2000
3-Chloro-1-propene	FB	Ave	3974 2883195	22299	88577	251345	1087719	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	4274 2880635	20477	94713	256618	1126269	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	2229 1269586	11079	50914	111181	398211	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	3321 2395940	21985	82056	210795	864493	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	2040 1781804	18540	58181	189130	708310	10.0 5000	50.0	200	500	2000

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	TBAd9	Ave	10813 5863165	59032	209996	638462	2207965	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	3454 2428624	22834	81666	217521	866325	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	9869 6073316	52959	213085	568034	2333425	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	3878 3739695	32304	120297	316181	1308494	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5988 4423097	38740	140574	371515	1572944	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	BUT	Ave	860 722154	5637	19764	58070	248213	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	2908 2257482	18892	68138	182427	777969	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	10336 7289088	65781	242071	654283	2632703	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	3186 2862432	22577	86755	241258	1004917	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3539 2728860	22344	82728	223952	967303	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	1451 1233596	10552	39091	102892	442914	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	2502 1168587	10403	30427	97612	435428	5.00 2500	25.0	100	250	1000
Propionitrile	BUT	Ave	4147 2241782	15503	71201	216559	859320	10.0 5000	50.0	200	500	2000
Ethyl acetate	BUT	Ave	366 367894	3335	8922	30219	127812	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	3661 2038961	18135	64150	187569	747536	1.00 500	5.00	20.0	50.0	200
Chlorobromomethane	FB	Ave	1912 1354831	11832	42899	114059	498274	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	10644 7698529	63864	244232	704950	2788638	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	QuaF	346	4493	16209	52237	209064	2.00	10.0	40.0	100	400

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			554812					1000				
Chloroform	FB	Ave	6322 4304905	36628	133639	354116	1533973	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5574 4070216	33372	123708	334985	1431973	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	4826 4069820	33540	123889	327227	1406465	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4180 3482571	28884	102350	277145	1235560	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4661 3682014	30492	110522	291847	1283606	1.00 500	5.00	20.0	50.0	200
Benzene	CBNZ d5	Ave	12490 9736662	78429	293063	783256	3449538	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4319 2997983	24953	93158	253954	1103655	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd 9	Ave	2082 845575	7925	26404	82526	338012	25.0 12500	125	500	1250	5000
Tert-amyl methyl ether	FB	Ave	9575 7628381	53501	226851	653422	2722092	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	10417 9140717	76665	292539	876172	3352254	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	4977 4308586	39142	143798	377933	1660581	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	3102 2677799	20533	76456	209795	951145	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd 9	QuaF	624 478580	3892	6998	23566	140293	25.0 12500	125	500	1250	5000
Methylcyclohexane	FB	Ave	5487 4916564	36524	142792	385276	1729683	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	6604 6286760	48500	186677	530948	2266867	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3335 2454144	18933	76038	205506	909334	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	2007 1436264	10969	43240	119958	531922	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	Ave	361 243748	2102	7150	21909	92235	20.0 10000	100	400	1000	4000
Methyl methacrylate	FB	Ave	907 1108204	7855	31333	93009	397959	2.00 1000	10.0	40.0	100	400
Dichlorobromomethane	FB	Ave	4169 3249197	24970	93069	259217	1169452	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	4218 2740266	18773	78894	245029	1053735	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	1279 966735	6290	24998	81895	353922	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	QuaF	130 240596	822	3365	13454	74843	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	QuaF	1618 2483309	12726	43679	167564	870443	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	3966 3912112	25214	102843	305869	1389063	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	15755 9779529	81799	296973	921644	3838881	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	14298 10647116	80392	309034	837007	3748781	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	3459 3389936	22851	88529	266988	1219069	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	2274 1607510	12341	50823	137852	595608	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	2741 2774987	15923	75228	229645	1023487	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZ d5	Ave	3623 3145379	23580	87373	247053	1090024	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3-Dichloropropane	CBNZ d5	Ave	4385 3359943	24704	101606	278750	1215664	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	8224 7066417	49071	194329	650670	2787250	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZ d5	Ave	2989 2508484	16025	68096	194017	885291	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	2451 2049853	14675	59727	172653	752095	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZ d5	Ave	586 517696	3772	14640	43066	186728	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	8489 6946726	51729	203762	555071	2457390	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	3250 2761644	18122	75202	209356	982226	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	4043 3976894	27947	114127	308861	1403028	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	4566 4851268	33080	136076	374139	1708694	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	4989 4760532	31461	133511	375640	1713635	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Ave	8257 8139873	49798	220288	629784	2854199	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	Ave	1594 1597927	9003	39853	129747	571178	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
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SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Bromoform	CBNZ d5	Ave	2140 1855693	11309	48198	145679	650689	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	Ave	4255 3813706	20471	95593	321681	1393812	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	11677 13426997	87887	368887	1030985	4722293	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	3844 3319113	23375	94033	269575	1165543	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	1339 751568	6183	24007	66480	281916	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	3650 2736086	21472	81717	242992	1024674	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	608 794221	4587	19157	62150	279042	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	3884 3734714	25882	103756	293641	1311870	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	3561 3296867	21952	93743	256422	1157306	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd 4	Ave	12600 13186103	85897	363154	1030760	4490099	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	11802 10828541	75671	313617	867204	3806258	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	10841 11765105	73603	310742	871075	4094410	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

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SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Butyl Methacrylate	DCBd 4	QuaF	2718 3298951	15227	70615	246437	1141156	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	7864 9977629	57211	247095	722110	3454061	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	11417 11793164	73637	321337	902913	4146579	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	13165 15720451	96325	410592	1163227	5457649	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	7920 6588705	47510	188534	527209	2330350	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	8504 6525078	48689	189366	528895	2305437	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	12423 13664457	85073	345655	1002968	4751588	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	11877 12136009	76600	322852	928935	4189165	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	QuaF	509 1041055	3671	14205	57822	336958	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	11336 11353522	75374	314247	914266	3990699	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	7488 6516193	45221	180852	520590	2309219	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	6558 7195049	45358	193594	558396	2462456	1.00 500	5.00	20.0	50.0	200

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SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCBd 4	Ave	6792 7695136	49579	205492	572540	2586075	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	732 630309	4124	16450	54924	252356	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	11990 11226455	73854	334006	1007950	4605024	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	6457 6113217	41620	159775	453451	2079484	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	6561 5437743	35334	140201	414360	1956056	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	3112 3418182	20840	78093	226526	1127451	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Ave	14107 9815533	62192	256730	888276	4307619	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	6116 5252381	34770	129112	405072	1892566	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	165143 214521	167189	163612	189500	205358	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	167997 214606	174600	167267	201060	213929	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	588255 820207	596595	608529	688587	788431	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCBd 4	Ave	204227 293142	208278	219613	248625	282761	50.0 50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 763993

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/11/2021 09:56 Calibration End Date: 03/11/2021 12:03 Calibration ID: 84047

Curve Type Legend

Ave = Average ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 11-Mar-2021 09:56:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0125263-004
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:00:20 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 11-Mar-2021 11:41:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.697	0.685	0.012	6	6792	NC	NC	M
4 Chlorodifluoromethane	67	0.715	0.691	0.024	24	1218	1.00	0.99	M
3 Dichlorodifluoromethane	85	0.703	0.697	0.006	29	5817	1.00	0.8645	
5 Chloromethane	50	0.788	0.776	0.012	96	6223	1.00	0.9725	
6 Butadiene	54	0.807	0.801	0.006	90	3719	1.00	0.8785	
7 Vinyl chloride	62	0.831	0.825	0.006	43	3966	1.00	0.8603	M
8 Bromomethane	94	0.947	0.953	-0.006	58	3533	1.00	1.00	M
9 Chloroethane	64	0.977	0.971	0.006	48	2621	1.00	1.01	
10 Dichlorofluoromethane	67	1.069	1.075	-0.006	86	7084	1.00	1.06	a
12 Pentane	72	1.087	1.099	-0.012	96	986	2.00	1.81	M
11 Trichlorofluoromethane	101	1.081	1.112	-0.031	47	5465	1.00	0.8574	M
14 Ethanol	46	1.197	1.191	0.006	56	559	40.0	93.2	
13 Ethyl ether	59	1.203	1.191	0.012	79	2281	1.00	0.99	
15 2-Methyl-1,3-butadiene	53	1.227	1.209	0.018	41	3221	1.00	1.05	Ma
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.240	1.240	0.000	42	3646	1.00	1.05	M
18 Acrolein	56	1.276	1.264	0.012	94	29242	100.0	85.9	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.258	1.276	-0.018	46	5759	1.00	1.09	Ma
19 1,1-Dichloroethene	96	1.325	1.319	0.006	83	3176	1.00	0.9602	
21 Acetone	43	1.362	1.343	0.019	20	4595	5.00	5.70	Ma
20 112TCTFE	101	1.355	1.355	0.000	28	2957	1.00	0.7759	Ma
22 Iodomethane	142	1.398	1.392	0.006	90	5859	1.00	0.8499	
23 Carbon disulfide	76	1.435	1.422	0.013	96	11227	1.00	0.9453	M
24 Isopropyl alcohol	45	1.459	1.441	0.018	24	1623	10.0	9.30	a
25 3-Chloro-1-propene	39	1.520	1.508	0.012	81	3974	1.00	0.9596	
26 Methyl acetate	43	1.544	1.532	0.012	21	4274	2.00	2.02	a
27 Acetonitrile	39	1.569	1.550	0.019	22	2229	10.0	9.71	Ma
28 Methylene Chloride	84	1.593	1.587	0.006	93	3321	1.00	0.9233	
* 29 TBA-d9 (IS)	65	1.648	1.642	0.006	0	261816	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.685	1.697	-0.012	31	2040	10.0	6.30	
31 Acrylonitrile	53	1.746	1.733	0.013	90	10813	10.0	9.49	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.752	1.746	0.006	90	3454	1.00	0.9412	
33 Methyl tert-butyl ether	73	1.782	1.776	0.006	57	9869	1.00	1.04	
34 Hexane	57	1.922	1.928	-0.006	82	3878	1.00	0.7443	
35 1,1-Dichloroethane	63	2.020	2.020	0.000	28	5988	1.00	0.9345	
36 Vinyl acetate	86	2.087	2.087	0.000	97	860	2.00	1.75	
37 2-Chloro-1,3-butadiene	88	2.099	2.087	0.012	61	2908	1.00	0.9222	
38 Isopropyl ether	45	2.111	2.099	0.012	71	10336	1.00	0.9460	
39 Tert-butyl ethyl ether	87	2.386	2.373	0.013	65	3186	1.00	0.8135	a
* 40 2-Butanone-d5	46	2.447	2.428	0.019	0	261312	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.459	2.453	0.006	62	3539	1.00	0.9238	
42 2,2-Dichloropropane	79	2.465	2.471	-0.006	45	1451	1.00	0.8327	a
43 2-Butanone (MEK)	72	2.495	2.471	0.024	69	2502	5.00	6.83	a
44 Propionitrile	54	2.544	2.532	0.012	27	4147	10.0	11.9	
45 Ethyl acetate	70	2.550	2.556	-0.006	11	366	2.00	1.48	
62 Methyl acrylate	55	2.587	2.569	0.018	29	3661	1.00	1.16	a
46 Chlorobromomethane	128	2.660	2.648	0.012	58	1912	1.00	0.9634	M
47 Methacrylonitrile	67	2.654	2.654	0.000	88	10644	10.0	9.44	
48 Tetrahydrofuran	72	2.727	2.697	0.030	35	346	2.00	0.8580	a
49 Chloroform	83	2.745	2.739	0.006	94	6322	1.00	1.01	M
$ 50 Dibromofluoromethane (Surr)	113	2.880	2.873	0.007	97	165143	50.0	52.4	
51 1,1,1-Trichloroethane	97	2.904	2.879	0.025	60	5574	1.00	0.9672	M
52 Cyclohexane	84	2.928	2.922	0.006	92	4826	1.00	0.8609	
54 1,1-Dichloropropene	75	3.020	3.026	-0.006	93	4180	1.00	0.8718	a
53 Carbon tetrachloride	117	3.026	3.032	-0.006	92	4661	1.00	0.9125	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.178	3.172	0.006	0	167997	50.0	51.6	
56 Benzene	78	3.221	3.221	0.000	45	12490	1.00	0.8946	
57 1,2-Dichloroethane	62	3.251	3.245	0.006	74	4319	1.00	0.99	M
58 Isobutyl alcohol	42	3.392	3.337	0.055	35	2082	25.0	31.4	M
59 Tert-amyl methyl ether	73	3.398	3.385	0.013	42	9575	1.00	0.9172	
73 Isopropyl acetate	43	3.392	3.398	-0.006	47	10417	1.00	0.7888	a
* 60 Fluorobenzene	96	3.532	3.520	0.012	99	554611	50.0	50.0	
61 n-Heptane	43	3.587	3.574	0.013	36	4977	1.00	0.7868	a
63 Trichloroethene	95	3.922	3.928	-0.006	75	3102	1.00	0.8640	a
64 n-Butanol	43	4.148	4.093	0.055	12	624	25.0	31.1	M
65 Methylcyclohexane	83	4.135	4.135	0.000	77	5487	1.00	0.8403	
66 Ethyl acrylate	55	4.148	4.154	-0.006	24	6604	1.00	0.7757	a
67 1,2-Dichloropropane	63	4.166	4.184	-0.018	67	3335	1.00	0.9568	a
68 Dibromomethane	93	4.312	4.318	-0.006	49	2007	1.00	0.9864	a
* 69 1,4-Dioxane-d8	96	4.373	4.361	0.012	0	16213	1000.0	1000.0	M
70 1,4-Dioxane	88	4.337	4.404	-0.067	28	361	20.0	19.1	Ma
71 Methyl methacrylate	100	4.459	4.440	0.018	35	907	2.00	1.28	
72 Dichlorobromomethane	83	4.562	4.562	0.000	90	4169	1.00	0.9366	
81 n-Propyl acetate	43	4.593	4.574	0.019	78	4218	1.00	1.07	
74 2-Nitropropane	41	4.891	4.891	0.000	38	1279	2.00	1.98	
75 2-Chloroethyl vinyl ether	63	5.147	5.086	0.061	1	130	1.00	0.5161	a
76 Epichlorohydrin	57	5.123	5.086	0.037	38	1618	20.0	10.6	Ma
77 cis-1,3-Dichloropropene	75	5.202	5.184	0.018	94	3966	1.00	0.7796	a
78 4-Methyl-2-pentanone (MIBK)	43	5.489	5.489	0.000	90	15755	5.00	5.23	a
$ 79 Toluene-d8 (Surr)	98	5.556	5.550	0.006	99	588255	50.0	49.1	
80 Toluene	91	5.653	5.653	0.000	91	14298	1.00	0.9509	
82 trans-1,3-Dichloropropene	75	6.086	6.080	0.006	93	3459	1.00	0.7763	a
83 1,1,2-Trichloroethane	83	6.336	6.342	-0.006	90	2274	1.00	0.9543	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.354	6.348	0.006	73	2741	1.00	0.7817	a
85 Tetrachloroethene	166	6.489	6.495	-0.006	97	3623	1.00	0.8440	M
86 1,3-Dichloropropane	76	6.604	6.586	0.018	90	4385	1.00	0.9136	a
87 2-Hexanone	43	6.885	6.879	0.006	95	8224	5.00	4.17	
88 Chlorodibromomethane	129	6.958	6.952	0.006	71	2989	1.00	0.8951	M
89 Ethylene Dibromide	107	7.074	7.062	0.012	37	2451	1.00	0.8526	
90 n-Butyl acetate	73	7.226	7.214	0.012	96	586	1.00	0.8193	
* 91 Chlorobenzene-d5	117	7.958	7.958	0.000	86	451183	50.0	50.0	
92 Chlorobenzene	112	8.013	8.007	0.006	70	8489	1.00	0.8753	
93 1,1,1,2-Tetrachloroethane	131	8.232	8.232	0.000	86	3250	1.00	0.8832	
94 Ethylbenzene	106	8.299	8.305	-0.006	98	4043	1.00	0.7609	
95 m-Xylene & p-Xylene	106	8.555	8.561	-0.006	97	4566	1.00	0.7187	M
96 o-Xylene	106	9.287	9.281	0.006	94	4989	1.00	0.7874	
97 Styrene	104	9.330	9.323	0.007	95	8257	1.00	0.7858	
98 n-Butyl acrylate	73	9.519	9.500	0.018	73	1594	1.00	0.7848	
99 Bromoform	173	9.579	9.567	0.012	69	2140	1.00	0.8818	
101 Amyl acetate (mixed isomers)	43	9.988	9.982	0.006	81	4255	1.00	0.8966	
102 Isopropylbenzene	105	10.018	10.018	0.000	96	11677	1.00	0.6779	
$ 103 4-Bromofluorobenzene	174	10.226	10.226	0.000	93	204227	50.0	49.8	
104 Bromobenzene	156	10.396	10.396	0.000	97	3844	1.00	0.8824	
105 1,2,3-Trichloropropane	110	10.610	10.616	-0.006	83	1339	1.00	1.17	
106 1,1,2,2-Tetrachloroethane	83	10.634	10.628	0.006	93	3650	1.00	0.9428	
107 trans-1,4-Dichloro-2-butene	53	10.726	10.732	-0.006	1	608	1.00	0.6566	
108 N-Propylbenzene	120	10.762	10.756	0.006	97	3884	1.00	0.8138	
109 2-Chlorotoluene	126	10.805	10.799	0.006	91	3561	1.00	0.8448	
110 4-Ethyltoluene	105	10.976	10.975	0.001	97	12600	1.00	0.7702	
111 4-Chlorotoluene	91	11.012	11.012	0.000	96	11802	1.00	0.8375	
112 1,3,5-Trimethylbenzene	105	11.110	11.110	0.000	91	10841	1.00	0.7606	
100 Butyl Methacrylate	87	11.469	11.475	-0.006	89	2718	1.00	0.6437	
113 tert-Butylbenzene	119	11.640	11.640	0.000	91	7864	1.00	0.6829	
114 1,2,4-Trimethylbenzene	105	11.719	11.725	-0.006	96	11417	1.00	0.7842	
115 sec-Butylbenzene	105	12.048	12.054	-0.006	98	13165	1.00	0.7035	
116 1,3-Dichlorobenzene	146	12.122	12.128	-0.006	94	7920	1.00	0.9067	
* 117 1,4-Dichlorobenzene-d4	152	12.280	12.280	0.000	96	263602	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.323	12.329	-0.006	90	8504	1.00	0.9609	
119 4-Isopropyltoluene	119	12.390	12.408	-0.018	96	12423	1.00	0.7590	
120 1,2,3-Trimethylbenzene	105	12.512	12.512	0.000	98	11877	1.00	0.7961	
121 Benzyl chloride	126	12.652	12.664	-0.012	96	509	1.00	0.4416	
122 2,3-Dihydroindene	117	12.804	12.804	0.000	92	11336	1.00	0.7802	
123 1,2-Dichlorobenzene	146	12.945	12.945	0.000	93	7488	1.00	0.8828	
124 p-Diethylbenzene	119	13.042	13.042	0.000	91	6558	1.00	0.7464	
125 n-Butylbenzene	92	13.060	13.066	-0.006	95	6792	1.00	0.7315	
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	18	732	1.00	0.8749	
127 1,2,4,5-Tetramethylbenzene	119	13.780	13.780	0.000	97	11990	1.00	0.7883	
128 1,3,5-Trichlorobenzene	180	13.920	13.926	-0.006	97	6457	1.00	0.8486	
129 1,2,4-Trichlorobenzene	180	14.359	14.359	0.000	90	6561	1.00	0.9462	
130 Hexachlorobutadiene	225	14.499	14.499	0.000	90	3112	1.00	0.7958	
131 Naphthalene	128	14.505	14.511	-0.006	98	14107	1.00	1.03	
132 1,2,3-Trichlorobenzene	180	14.664	14.664	0.000	95	6116	1.00	0.9200	
S 133 1,2-Dichloroethene, Total	100				0		2.00	1.86	
S 134 1,3-Dichloropropene, Total	100				0		2.00	1.56	
S 135 Xylenes, Total	100				0		2.00	1.51	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		5.00	4.11	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00120	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00133	Amount Added:	1.00	Units: uL	
524freon_00034	Amount Added:	1.00	Units: uL	
GASES Li_00411	Amount Added:	1.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:00:28 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D

Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2 Operator ID:

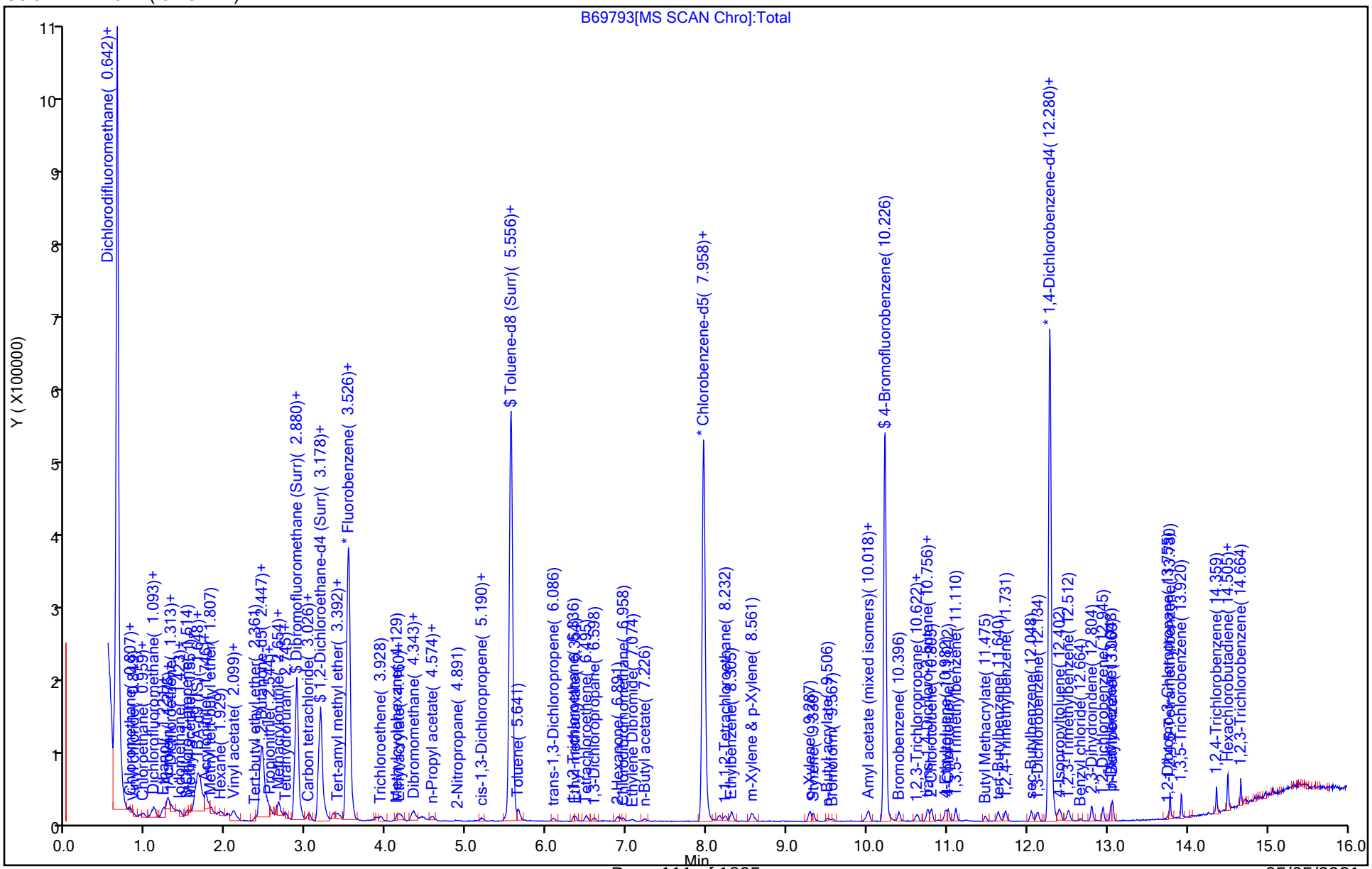
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

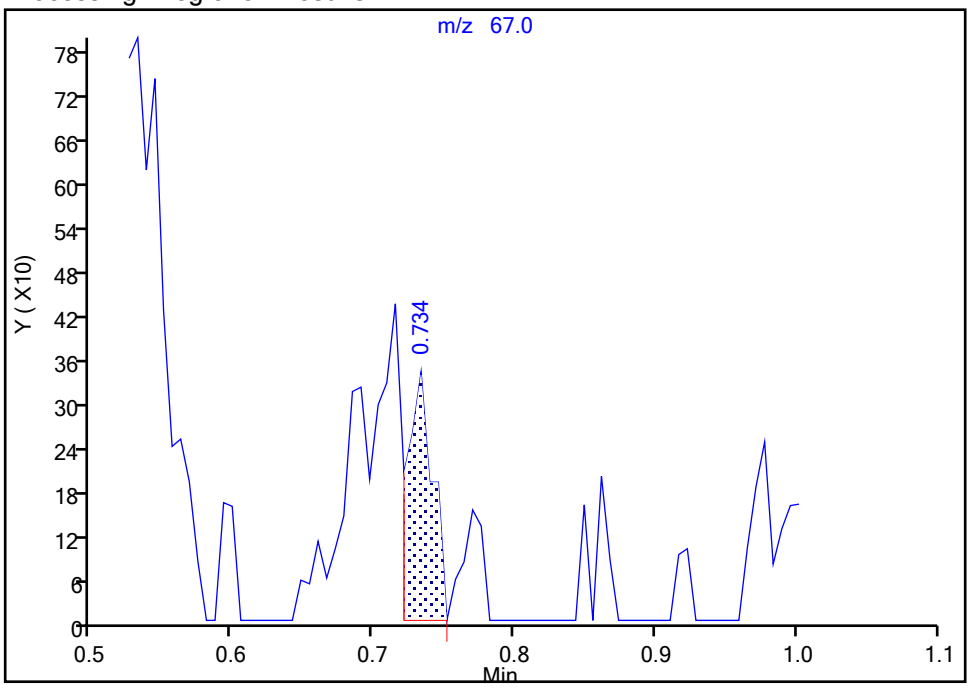
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

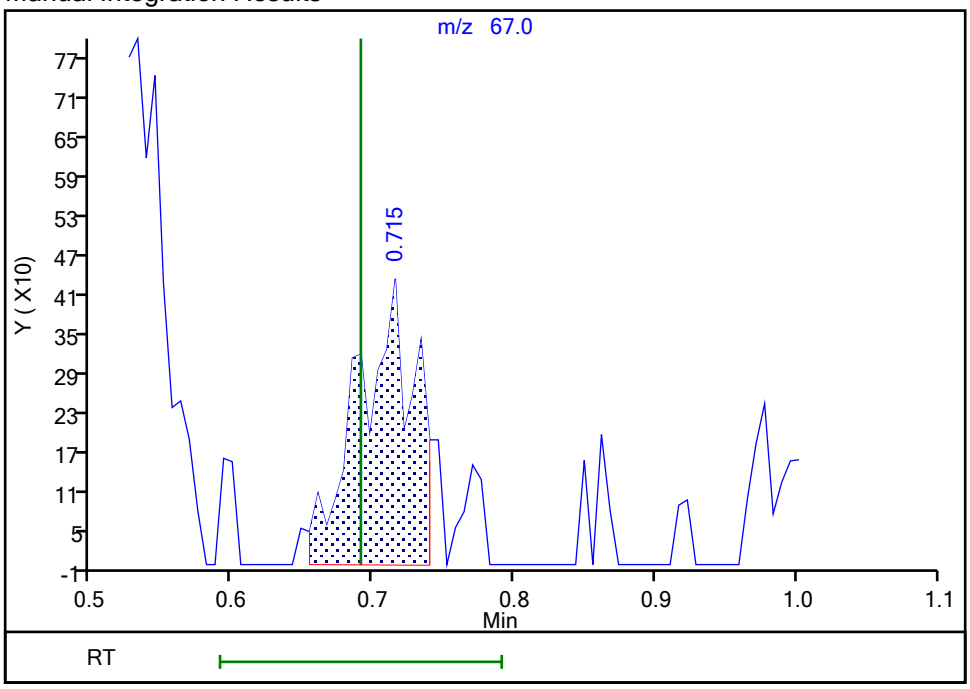
Processing Integration Results

RT: 0.73
Area: 430
Amount: 0.465151
Amount Units: ug/l



Manual Integration Results

RT: 0.72
Area: 1218
Amount: 0.994157
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:31:53
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

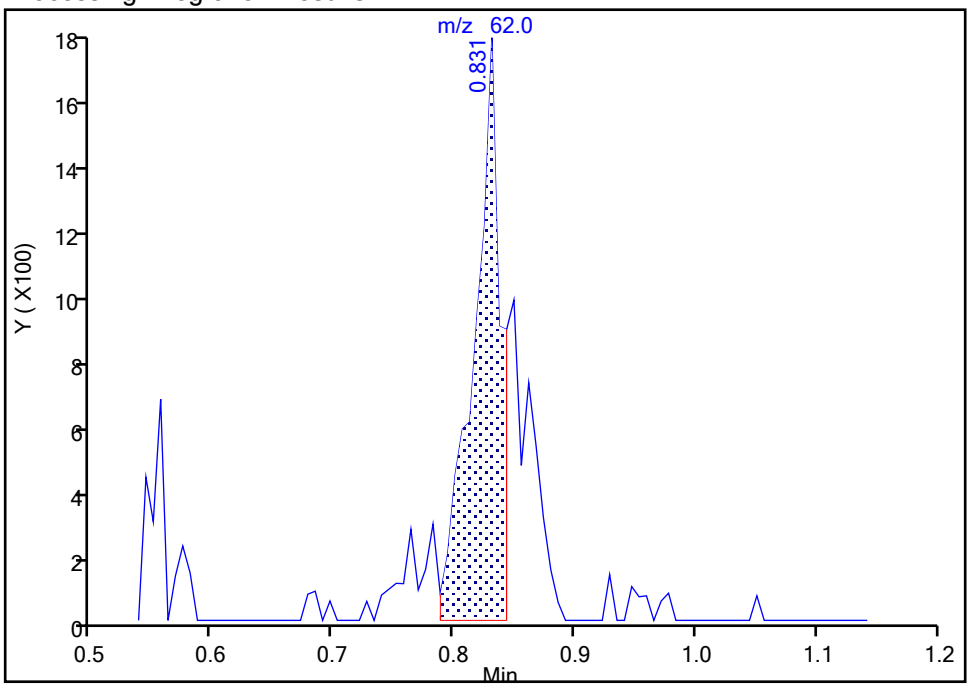
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

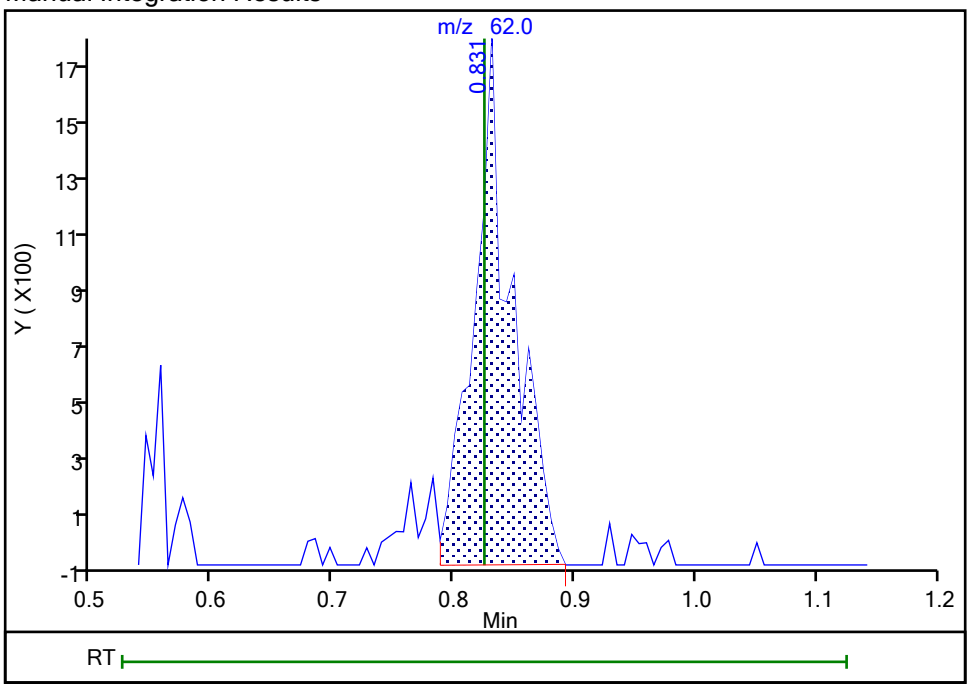
Processing Integration Results

RT: 0.83
Area: 2786
Amount: 0.513973
Amount Units: ug/l



Manual Integration Results

RT: 0.83
Area: 3966
Amount: 0.860308
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:32:09
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

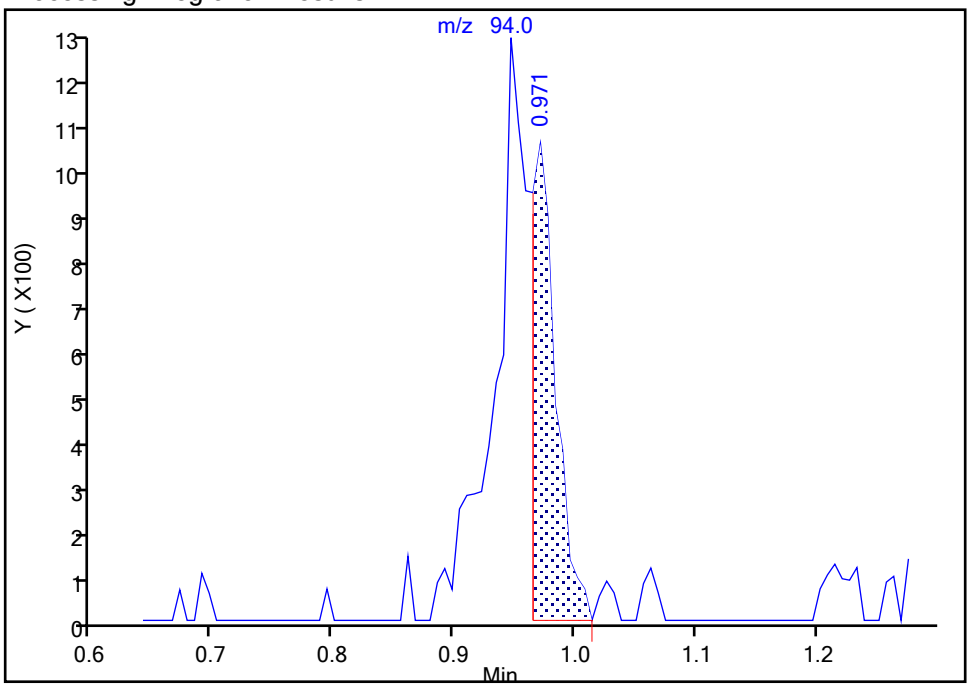
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

8 Bromomethane, CAS: 74-83-9

Signal: 1

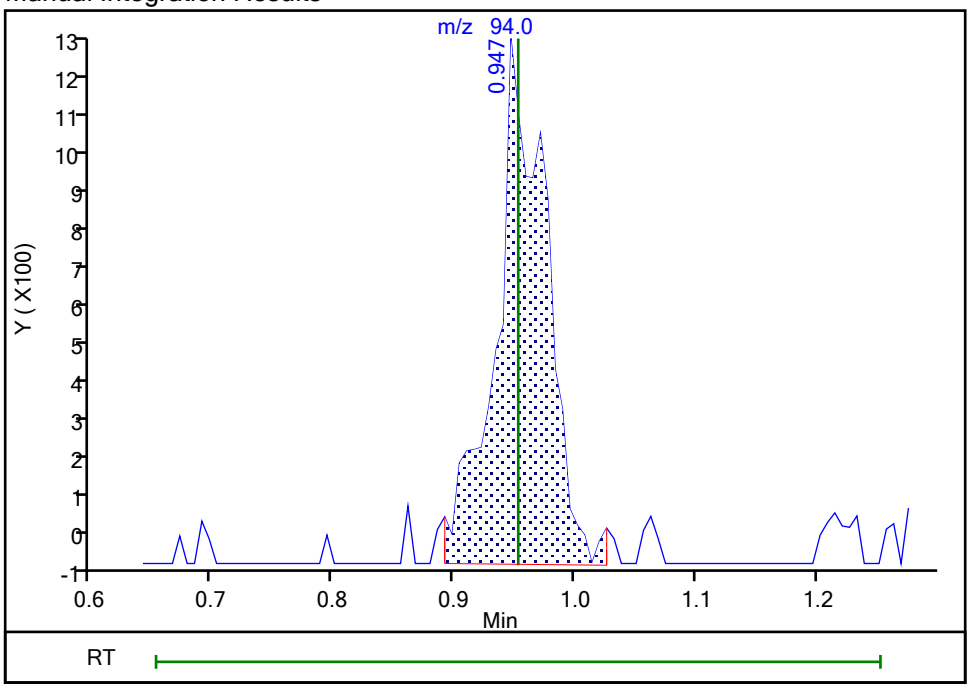
Processing Integration Results

RT: 0.97
Area: 1382
Amount: 0.331573
Amount Units: ug/l



Manual Integration Results

RT: 0.95
Area: 3533
Amount: 1.004282
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:32:20
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

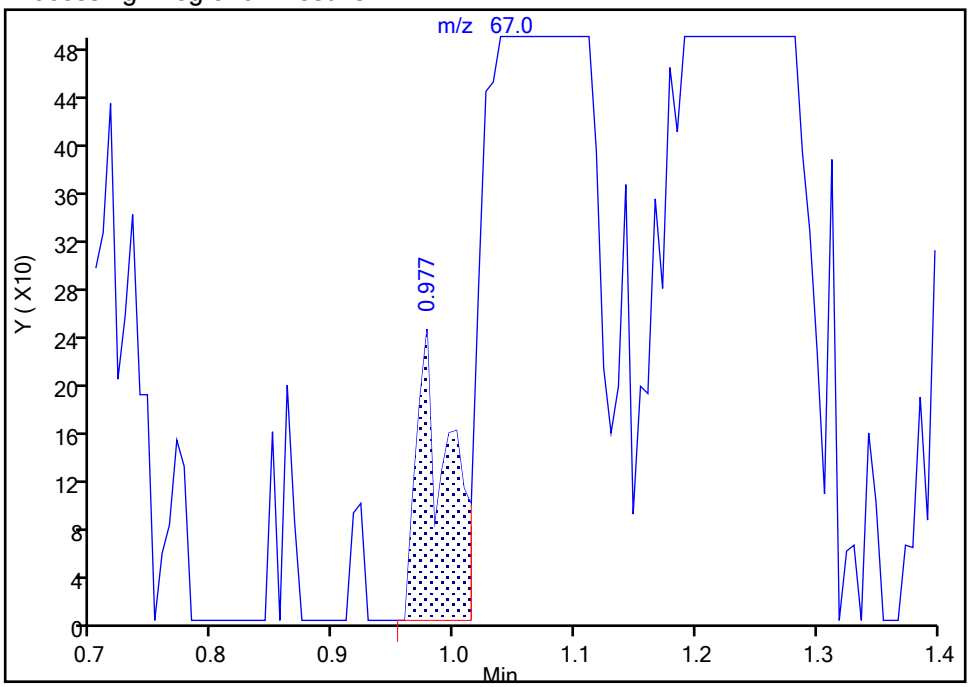
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

10 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

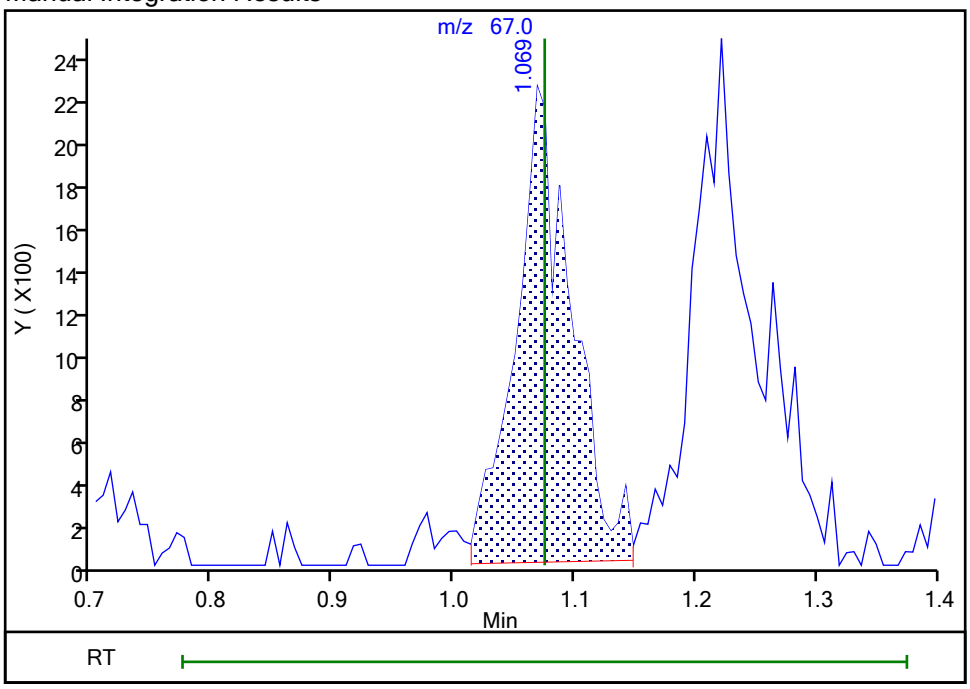
Processing Integration Results

RT: 0.98
Area: 458
Amount: 0.059303
Amount Units: ug/l



Manual Integration Results

RT: 1.07
Area: 7084
Amount: 1.057552
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:32:29
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

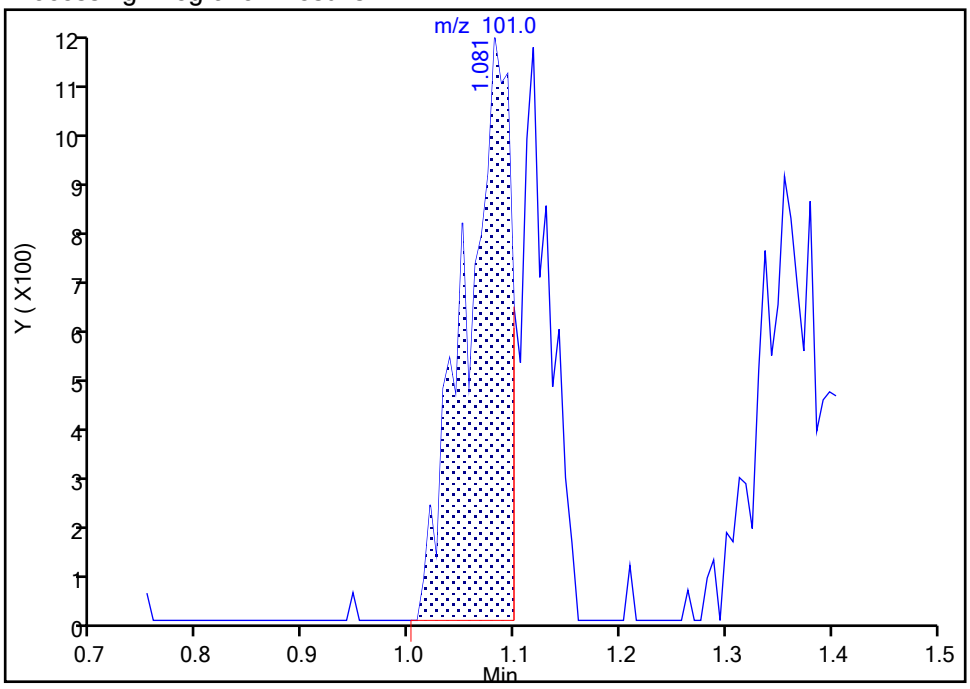
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

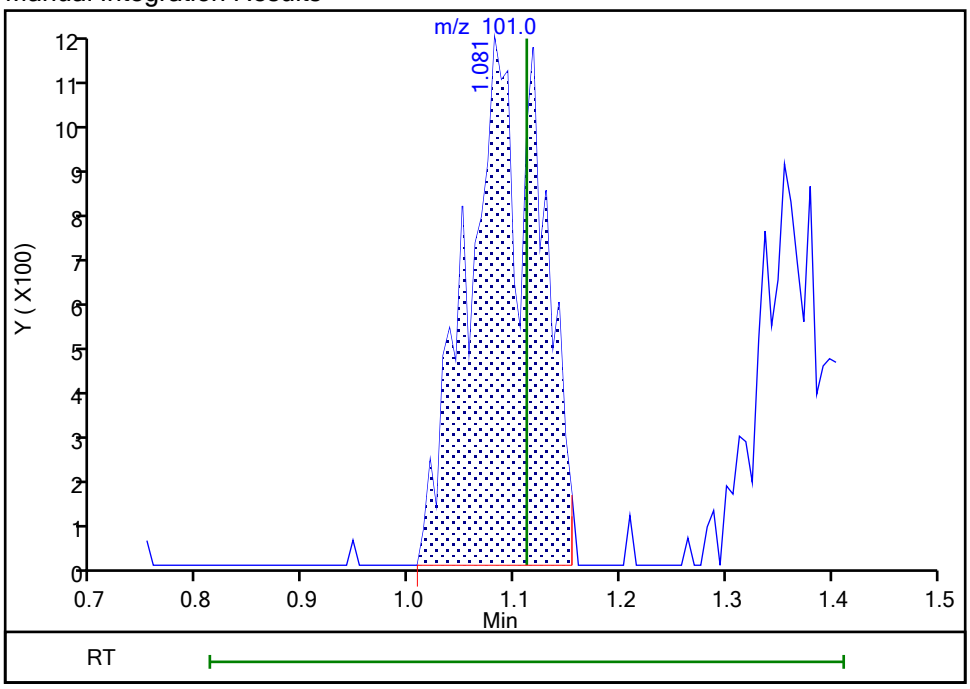
Processing Integration Results

RT: 1.08
Area: 3423
Amount: 0.732554
Amount Units: ug/l



Manual Integration Results

RT: 1.08
Area: 5465
Amount: 0.857418
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:32:51
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

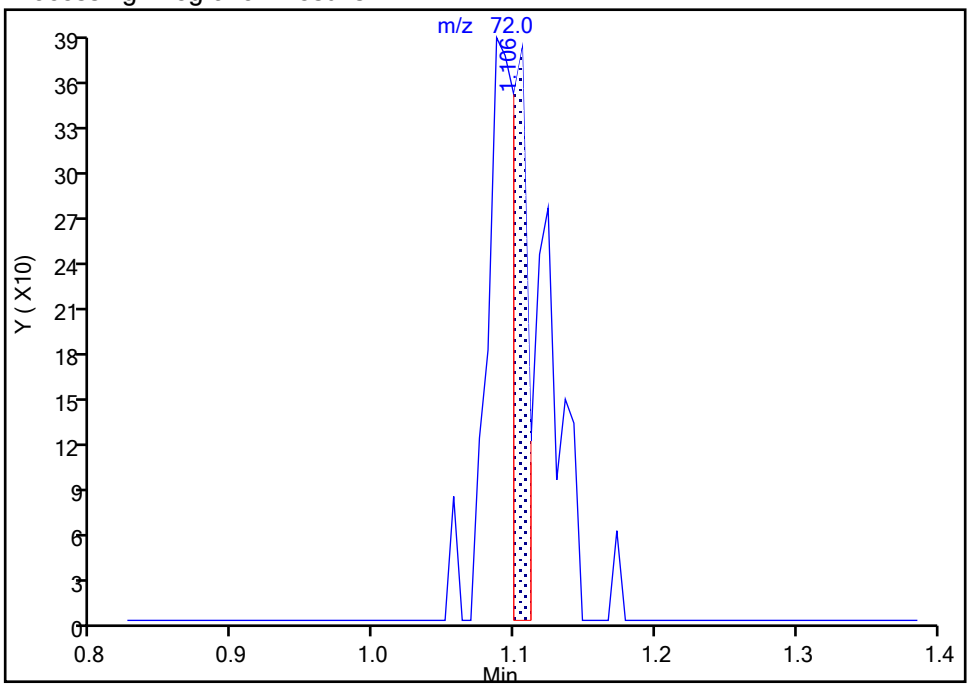
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Pentane, CAS: 109-66-0

Signal: 1

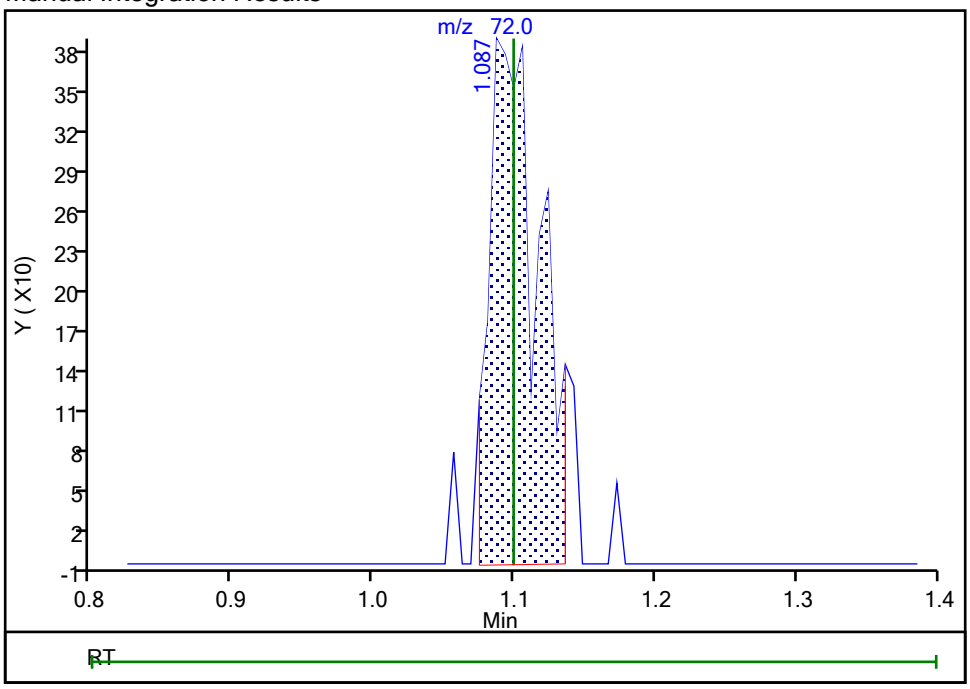
Processing Integration Results

RT: 1.11
Area: 313
Amount: 0.517321
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 986
Amount: 1.806698
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:32:39
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

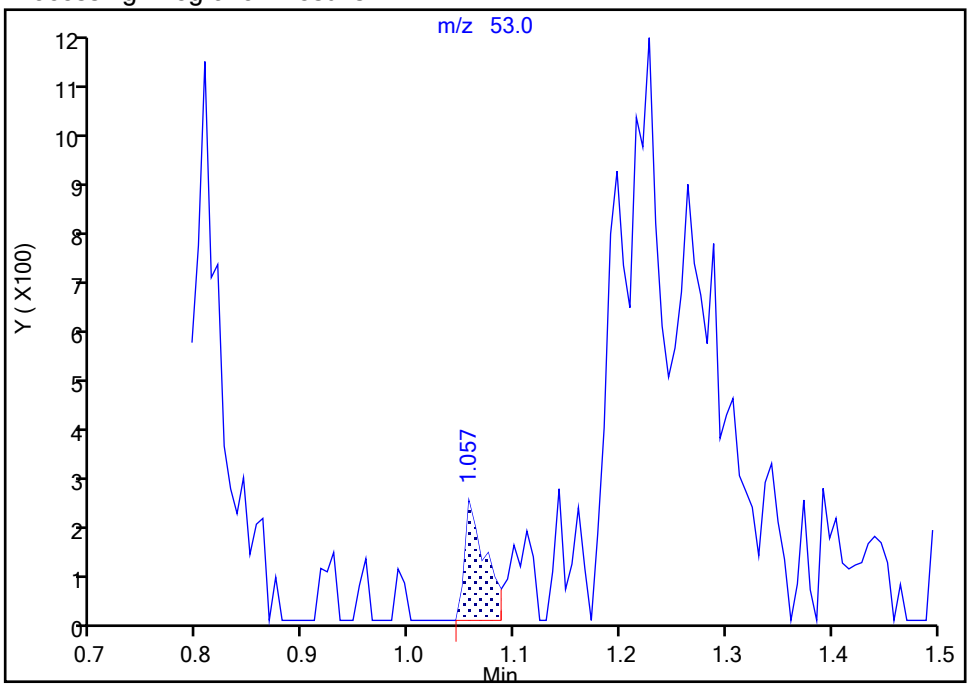
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

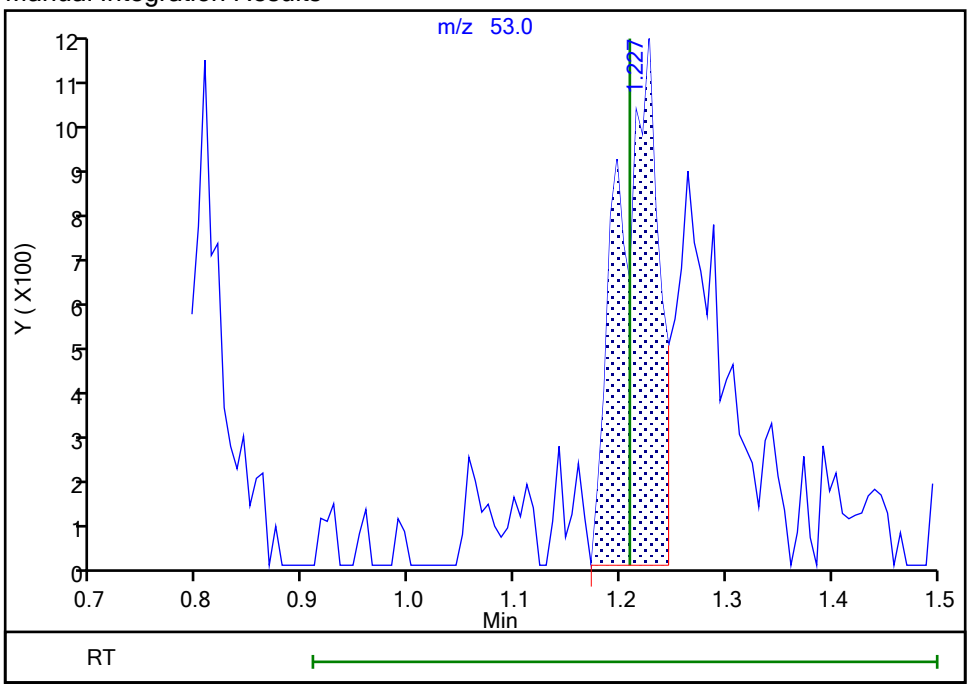
Processing Integration Results

RT: 1.06
Area: 337
Amount: 0.102618
Amount Units: ug/l



Manual Integration Results

RT: 1.23
Area: 3221
Amount: 1.048638
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:33:26
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

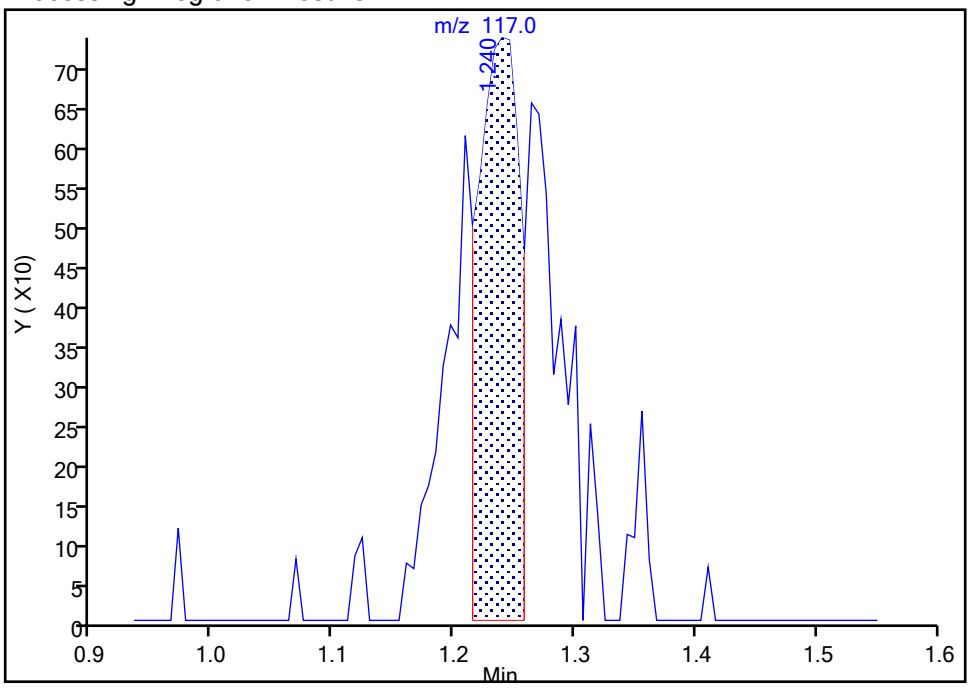
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

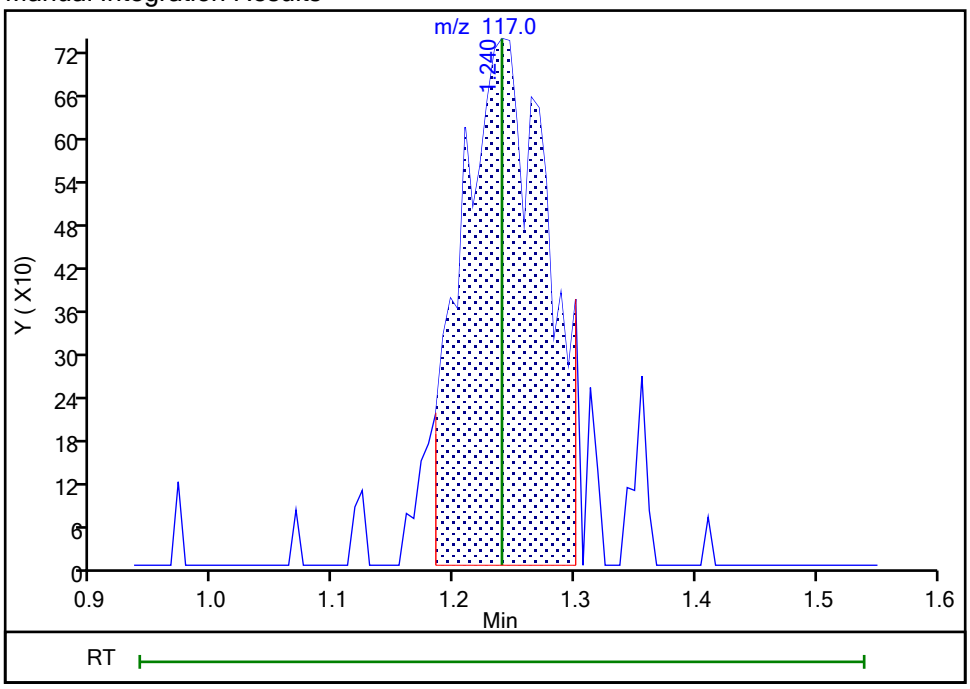
Processing Integration Results

RT: 1.24
Area: 1811
Amount: 0.483921
Amount Units: ug/l



Manual Integration Results

RT: 1.24
Area: 3646
Amount: 1.050718
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:33:37
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

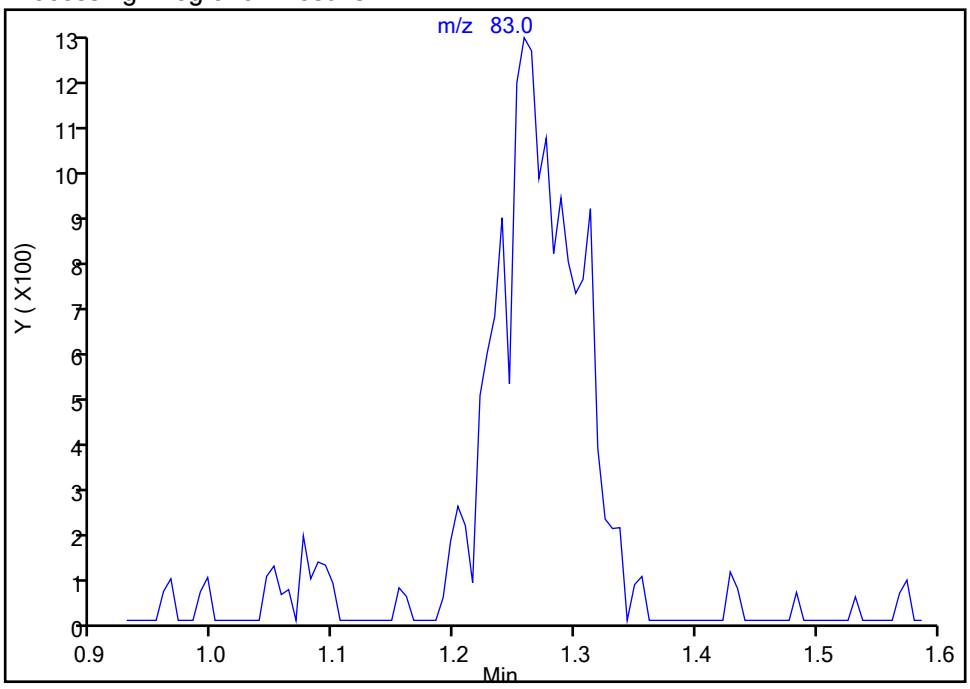
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

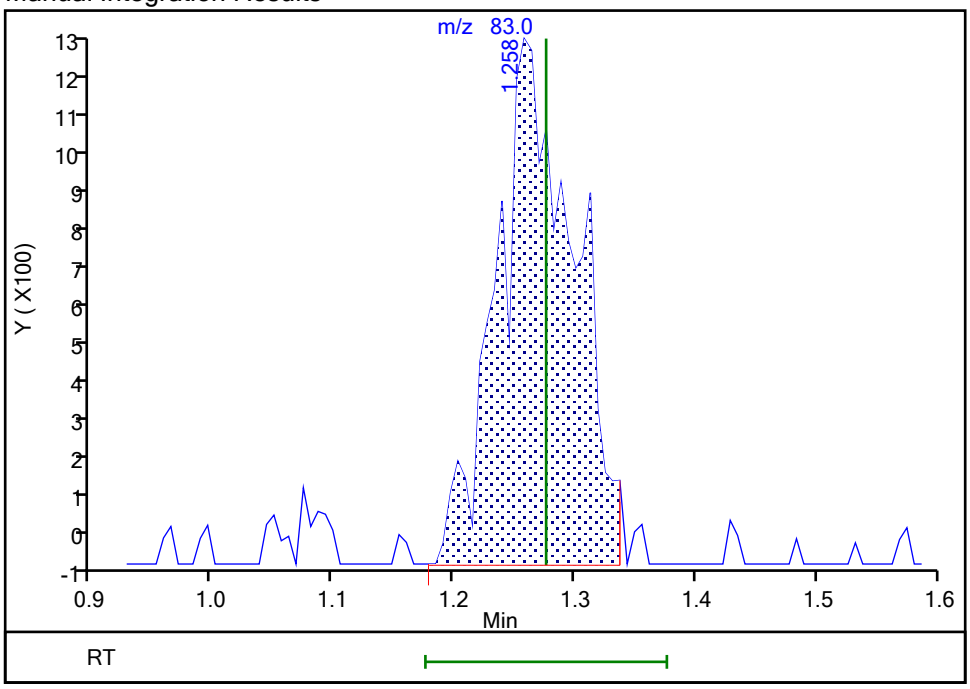
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.26
Area: 5759
Amount: 1.090212
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:33:53
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

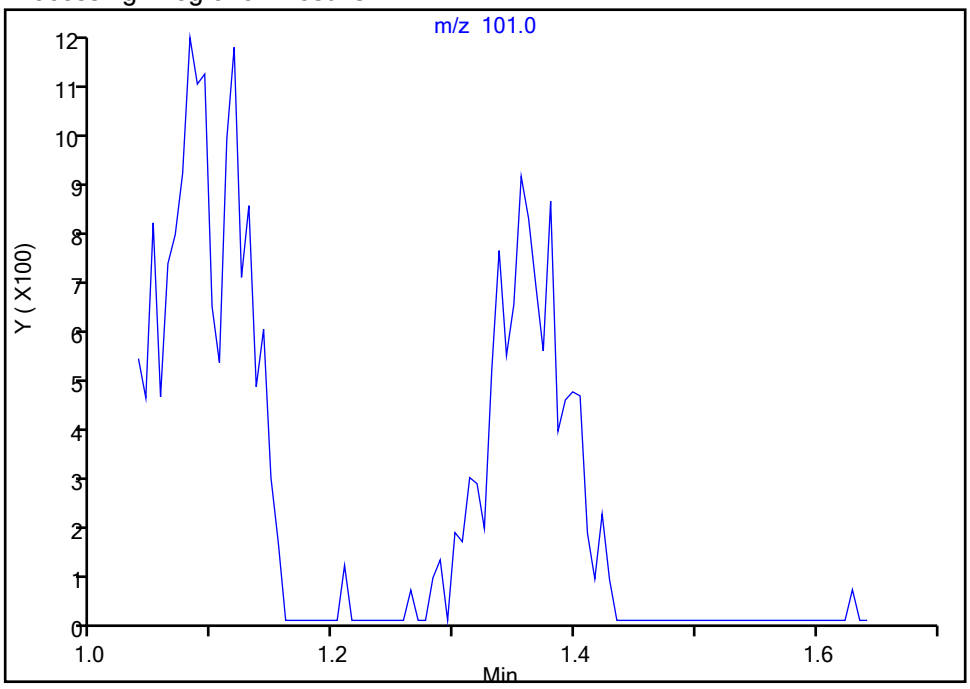
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

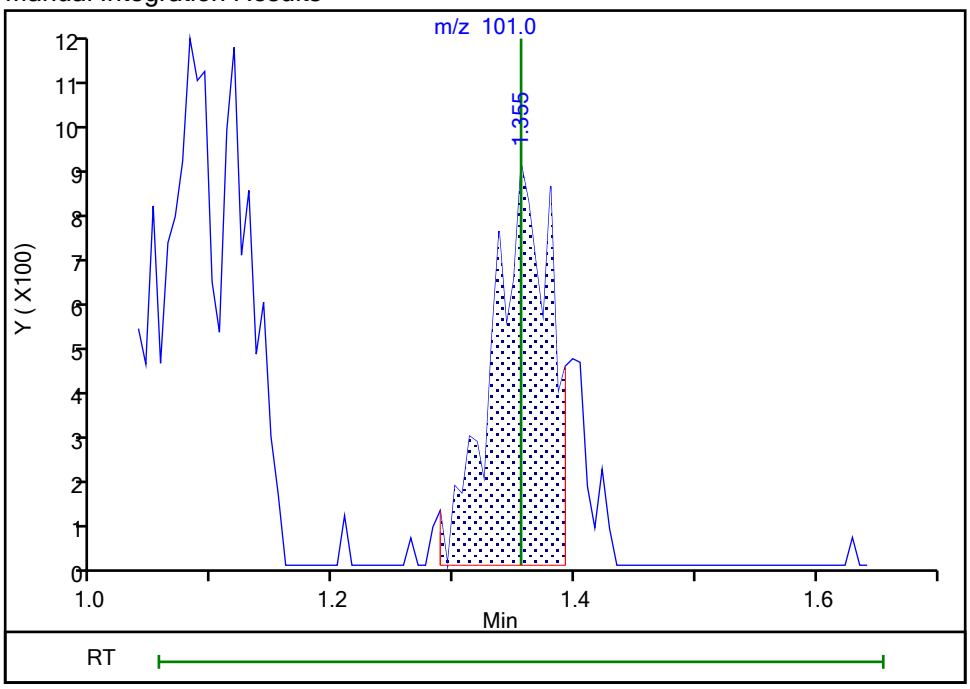
Not Detected
Expected RT: 1.36

Processing Integration Results



Manual Integration Results

RT: 1.36
Area: 2957
Amount: 0.775879
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:34:33
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

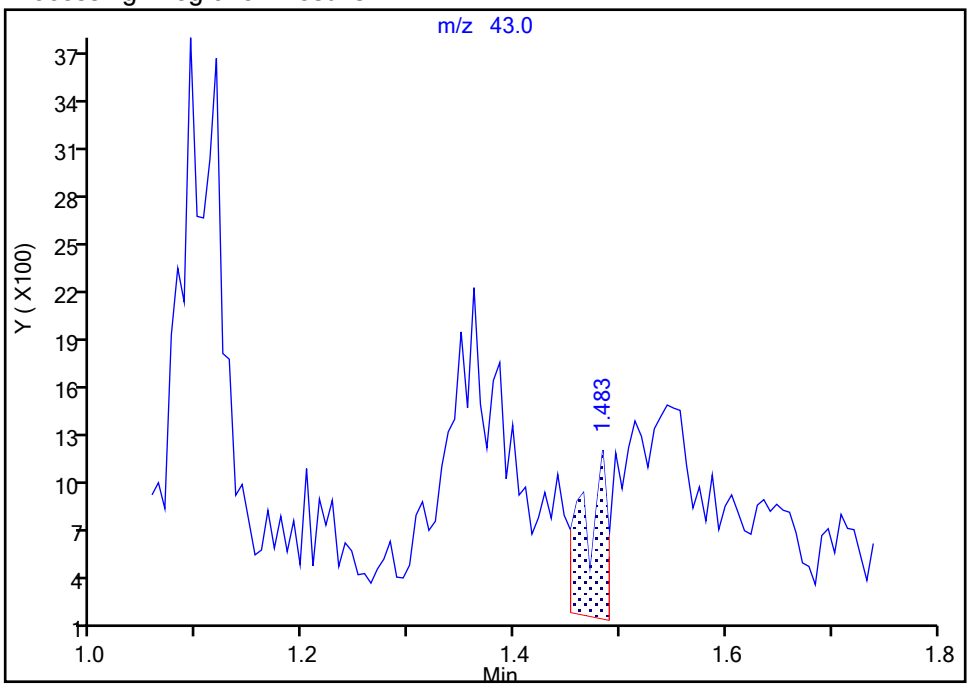
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

21 Acetone, CAS: 67-64-1

Signal: 1

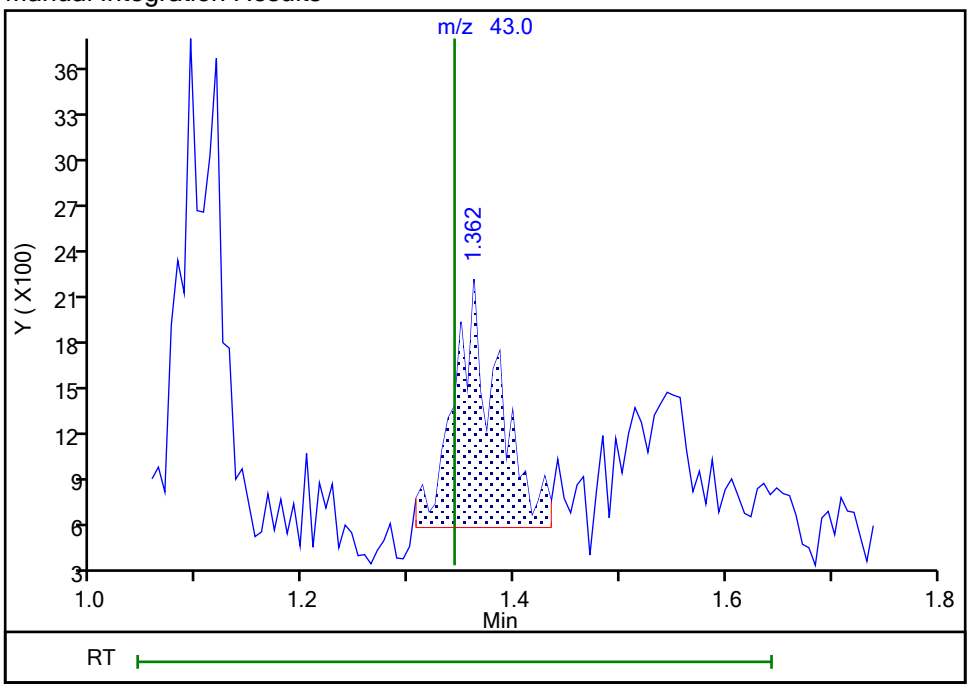
Processing Integration Results

RT: 1.48
Area: 1628
Amount: 93.154951
Amount Units: ug/l



Manual Integration Results

RT: 1.36
Area: 4595
Amount: 5.701817
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:20:32
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

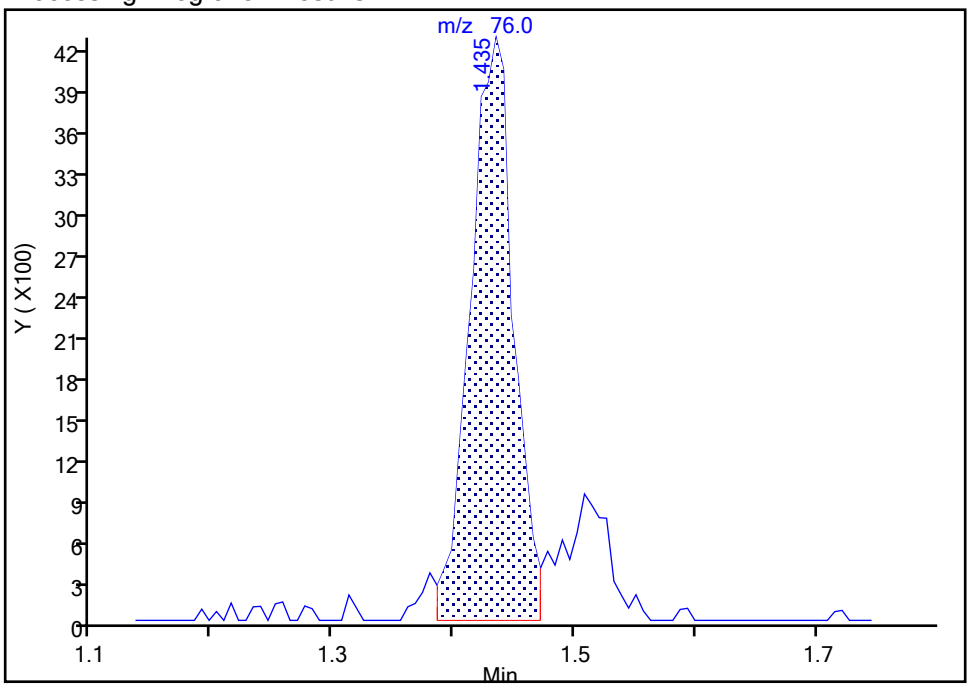
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

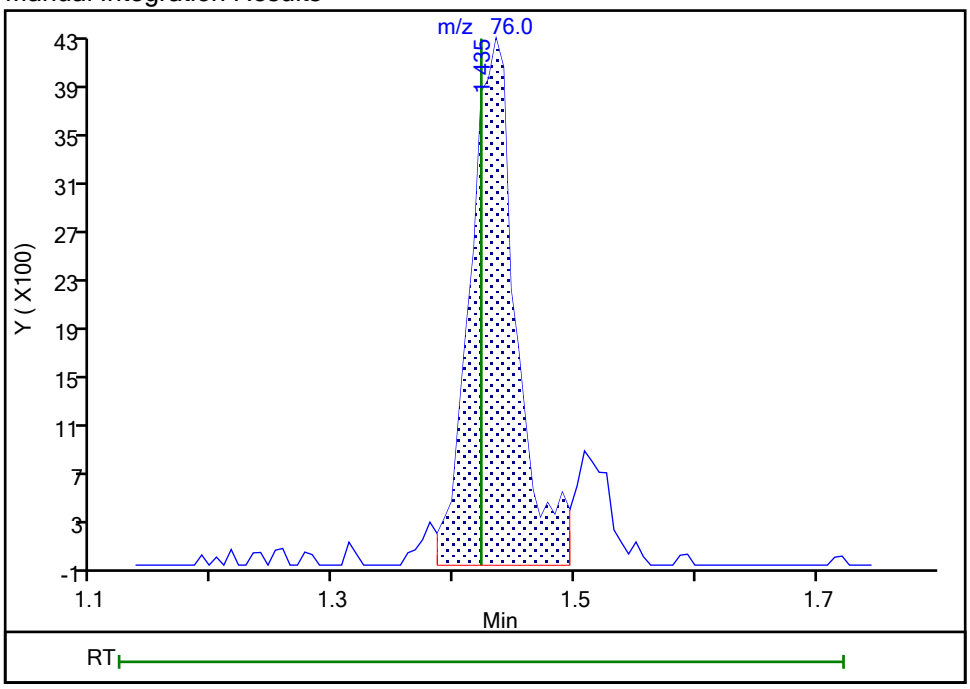
Processing Integration Results

RT: 1.43
Area: 10519
Amount: 0.875700
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 11227
Amount: 0.945260
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:34:44
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

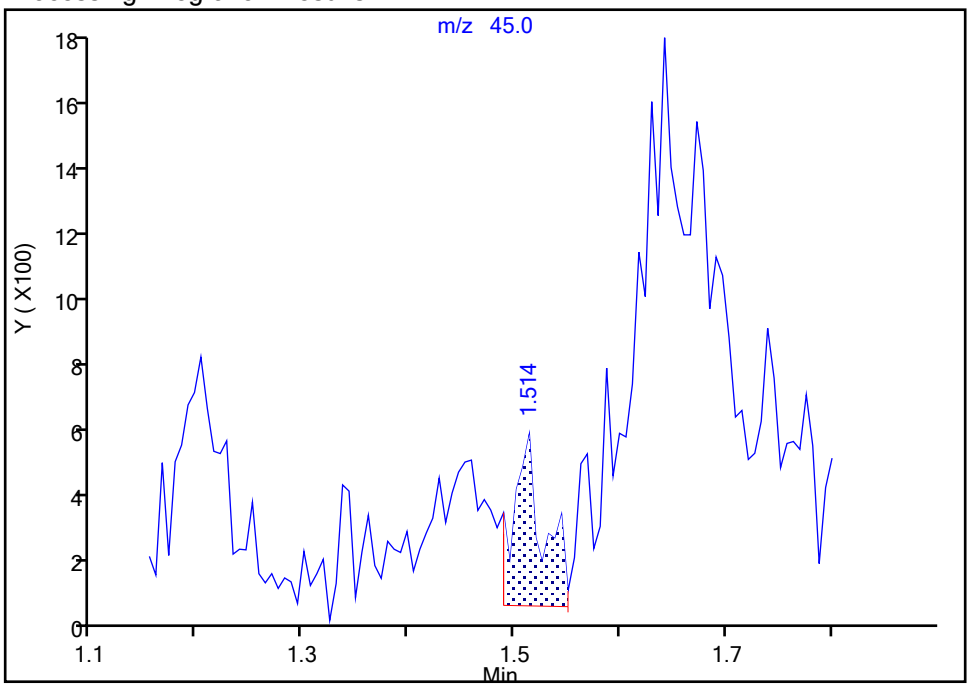
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

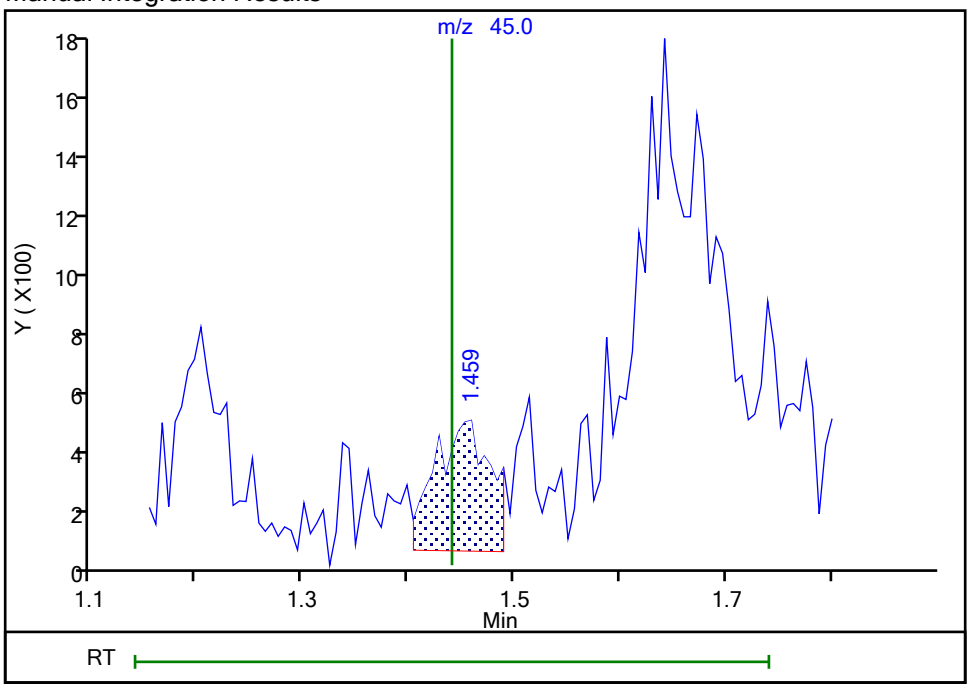
Processing Integration Results

RT: 1.51
Area: 1033
Amount: 15.529495
Amount Units: ug/l



Manual Integration Results

RT: 1.46
Area: 1623
Amount: 9.295856
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:34:55
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

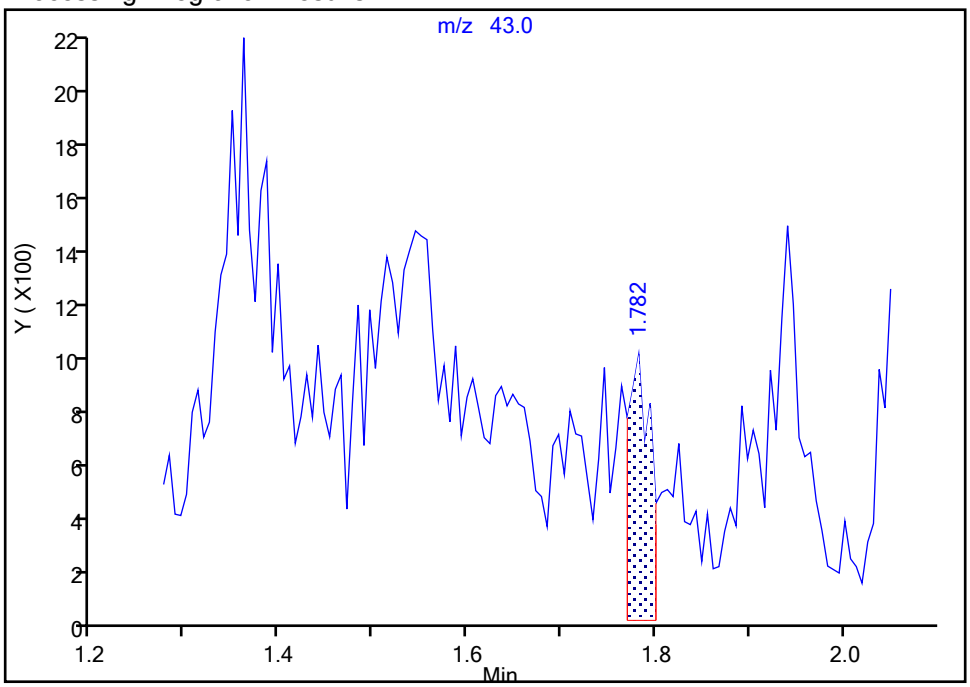
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

26 Methyl acetate, CAS: 79-20-9

Signal: 1

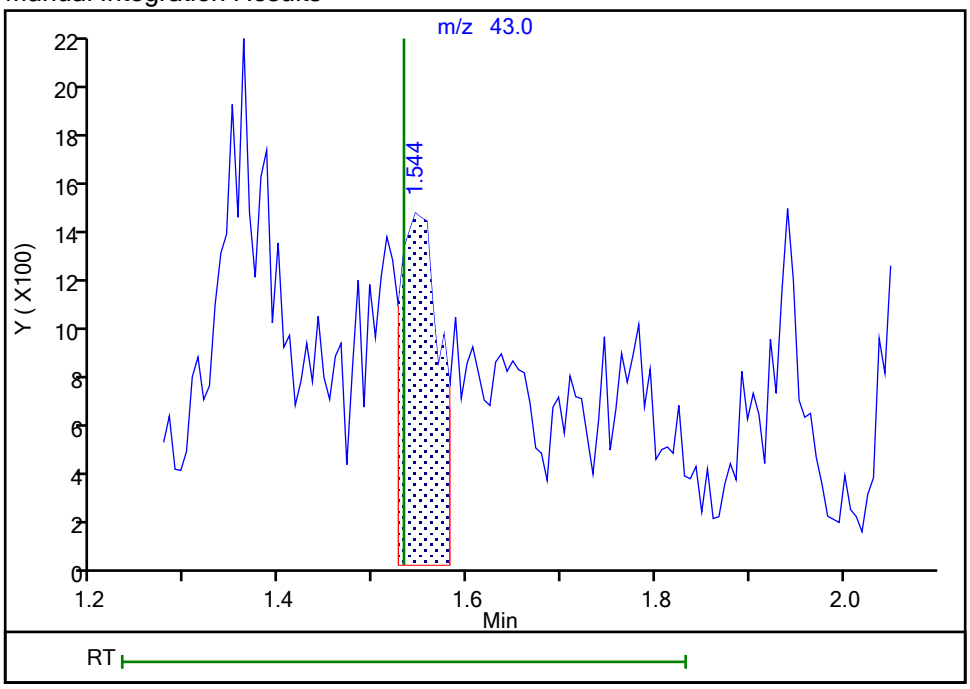
Processing Integration Results

RT: 1.78
Area: 1655
Amount: 0.746598
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 4274
Amount: 2.023722
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:35:07
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

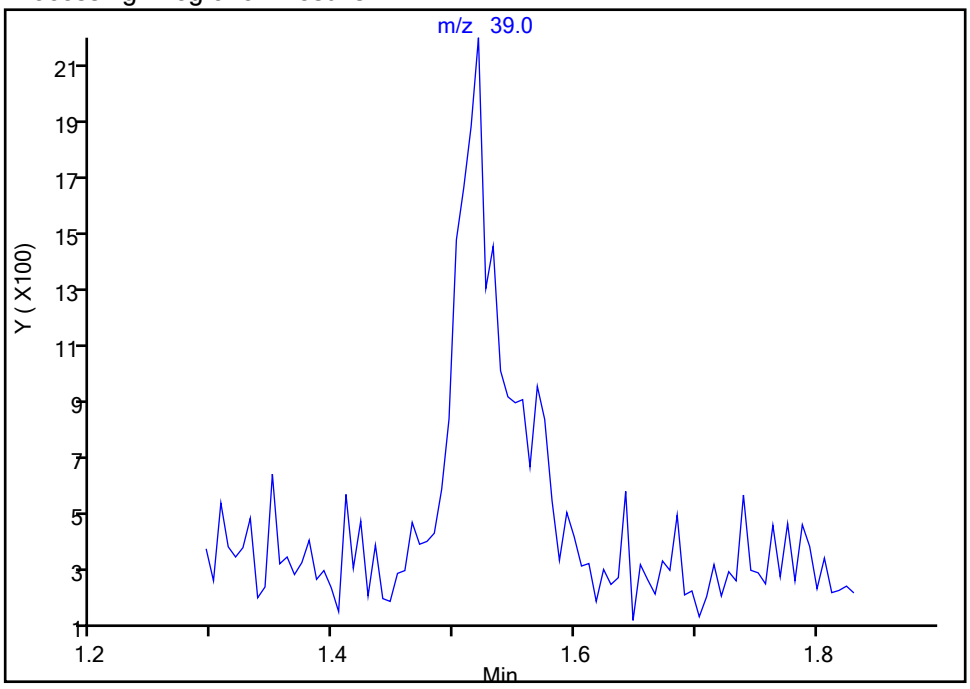
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

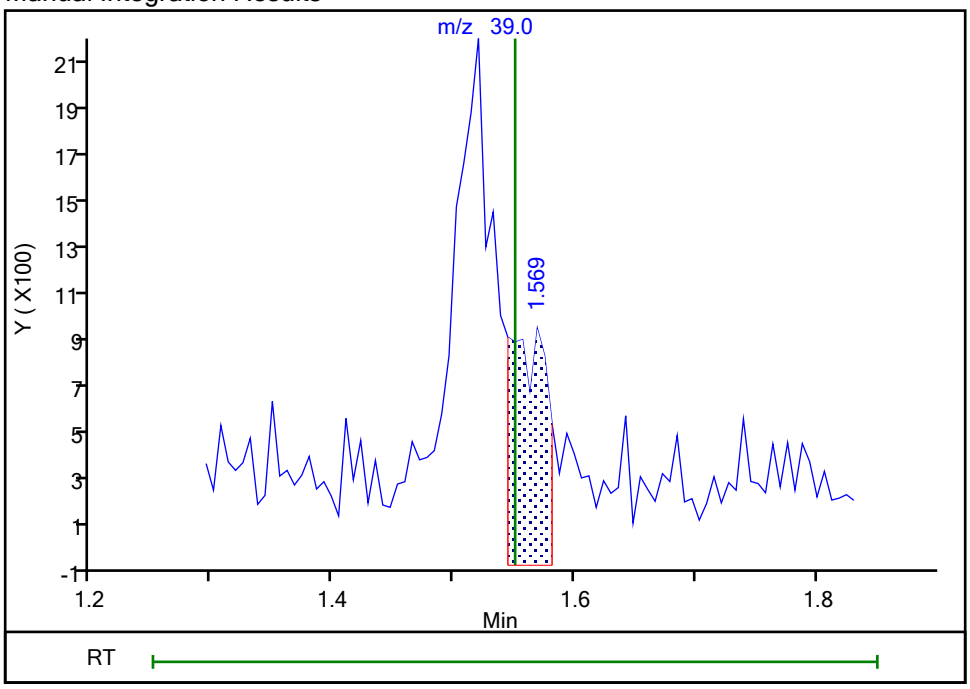
Not Detected
Expected RT: 1.55

Processing Integration Results



Manual Integration Results

RT: 1.57
Area: 2229
Amount: 9.714344
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:19:36
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

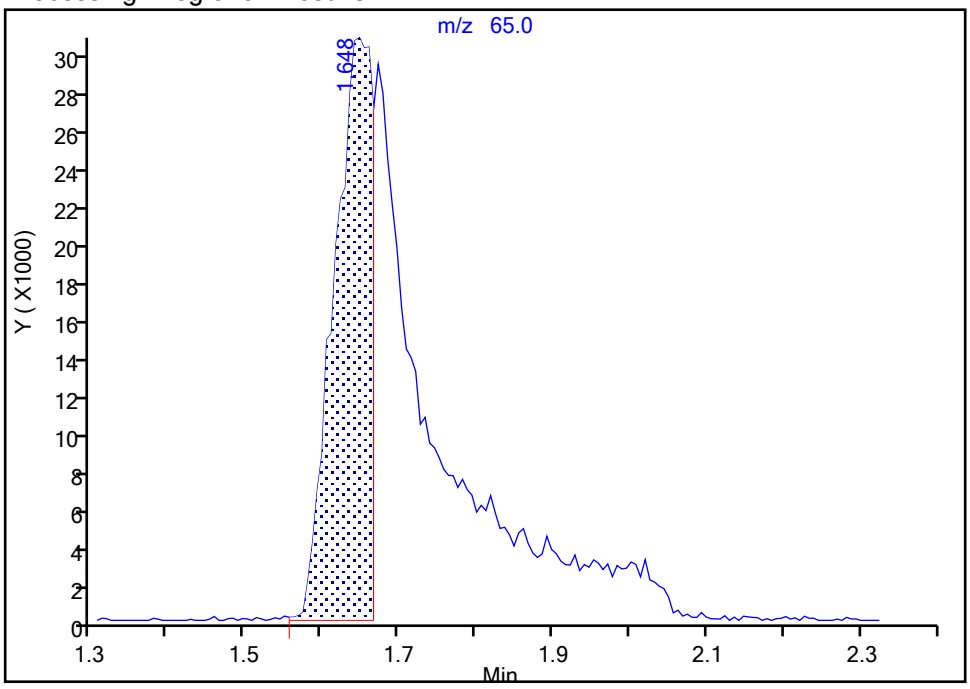
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

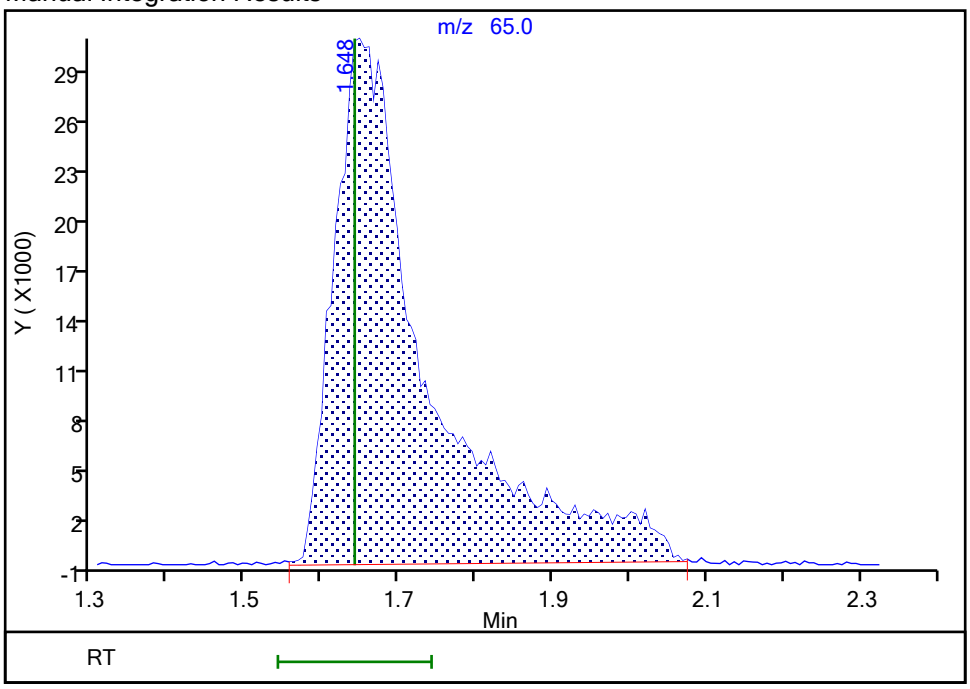
Processing Integration Results

RT: 1.65
Area: 107498
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 261816
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:31:04
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

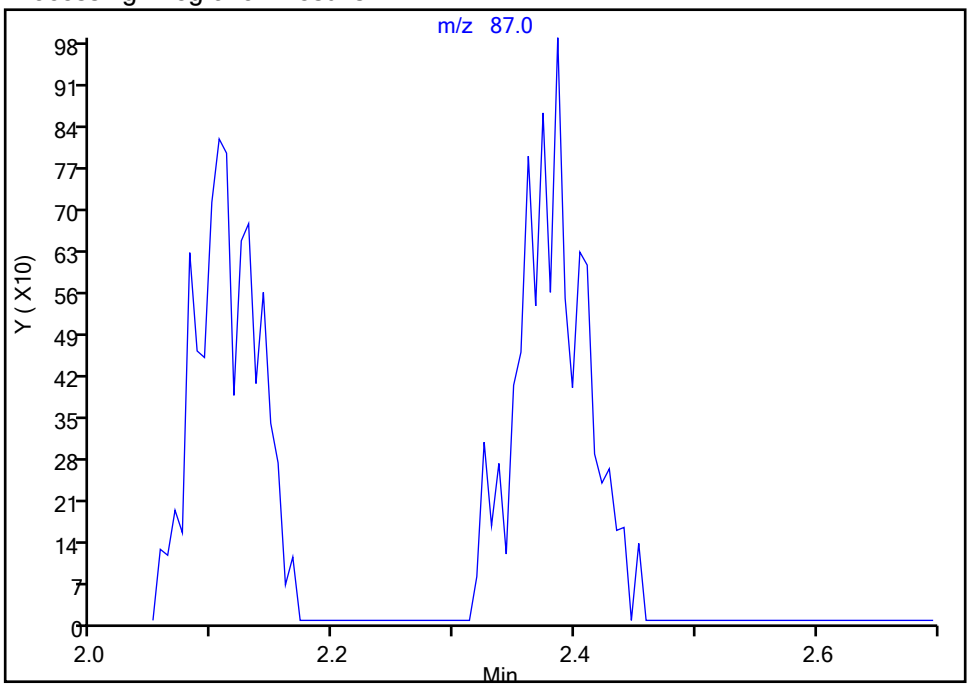
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

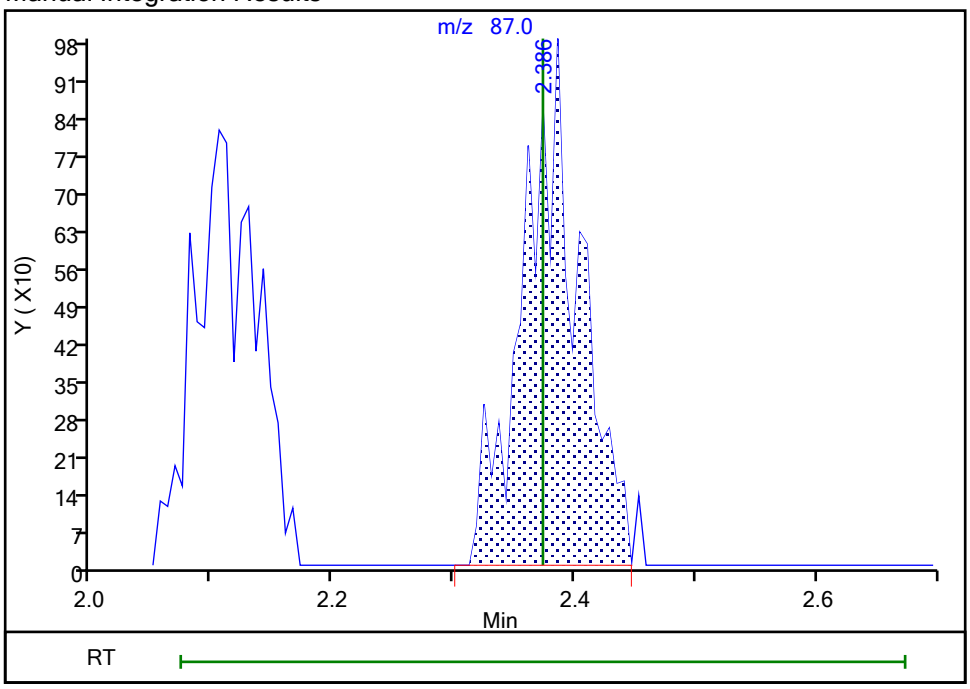
Not Detected
Expected RT: 2.37

Processing Integration Results



Manual Integration Results

RT: 2.39
Area: 3186
Amount: 0.813495
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:35:51
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

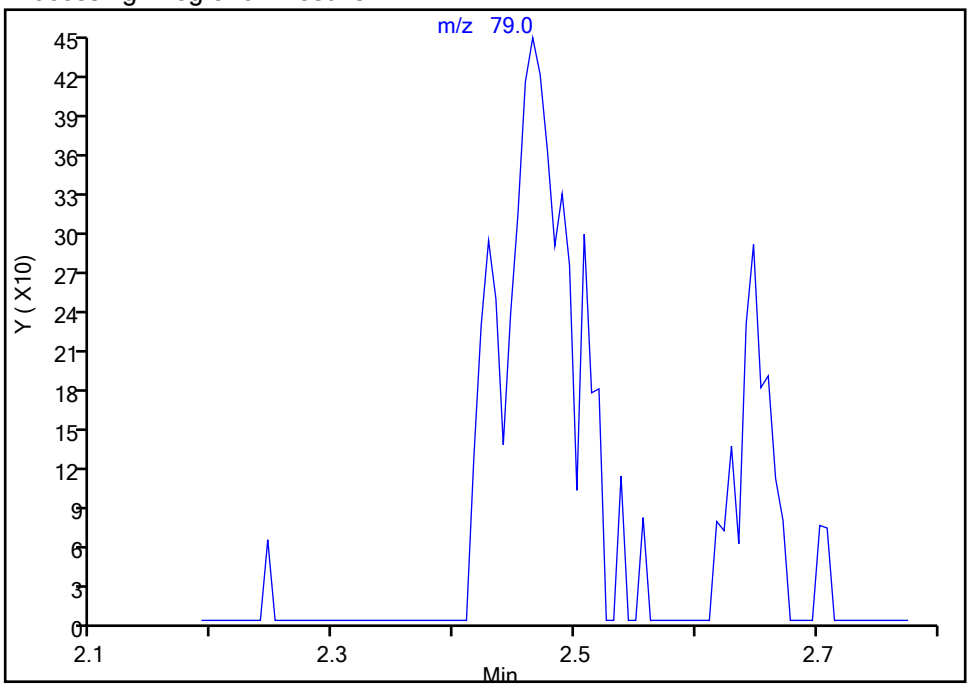
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

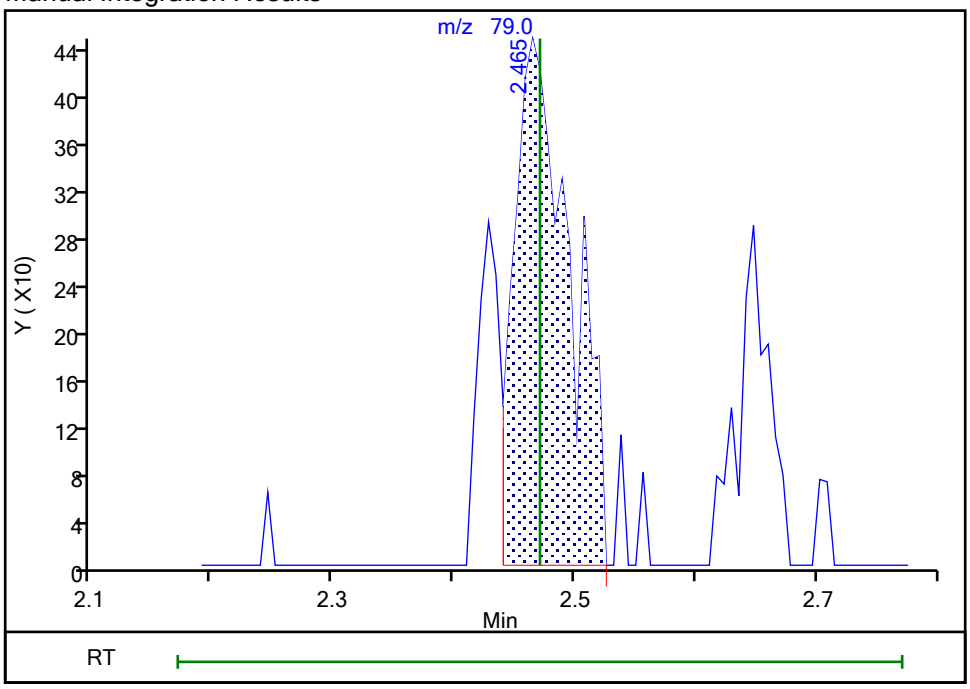
Not Detected
Expected RT: 2.47

Processing Integration Results



Manual Integration Results

RT: 2.46
Area: 1451
Amount: 0.832661
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:36:00
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

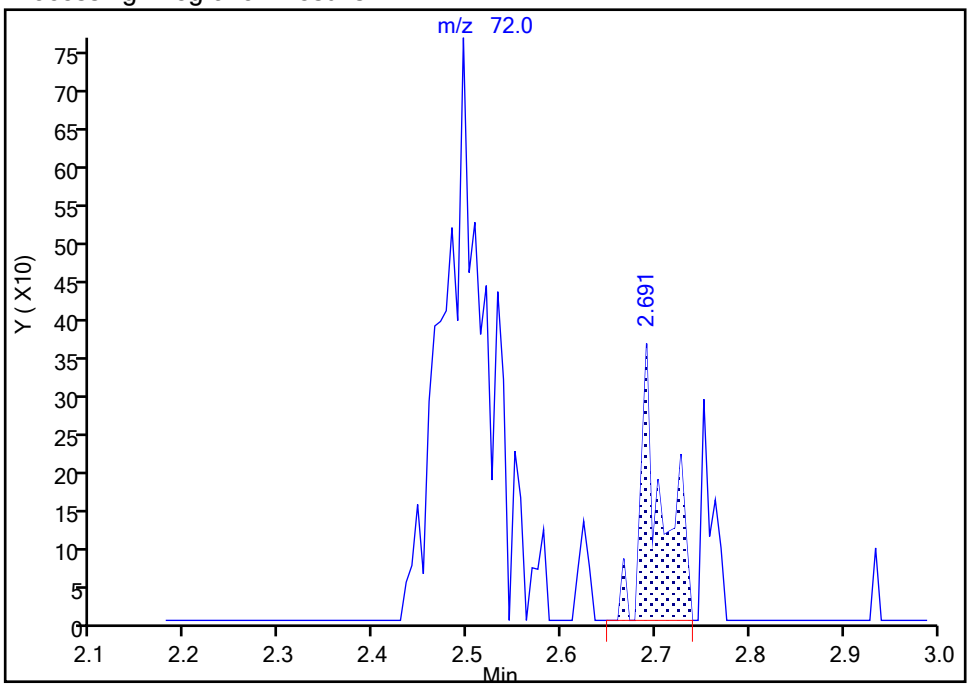
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

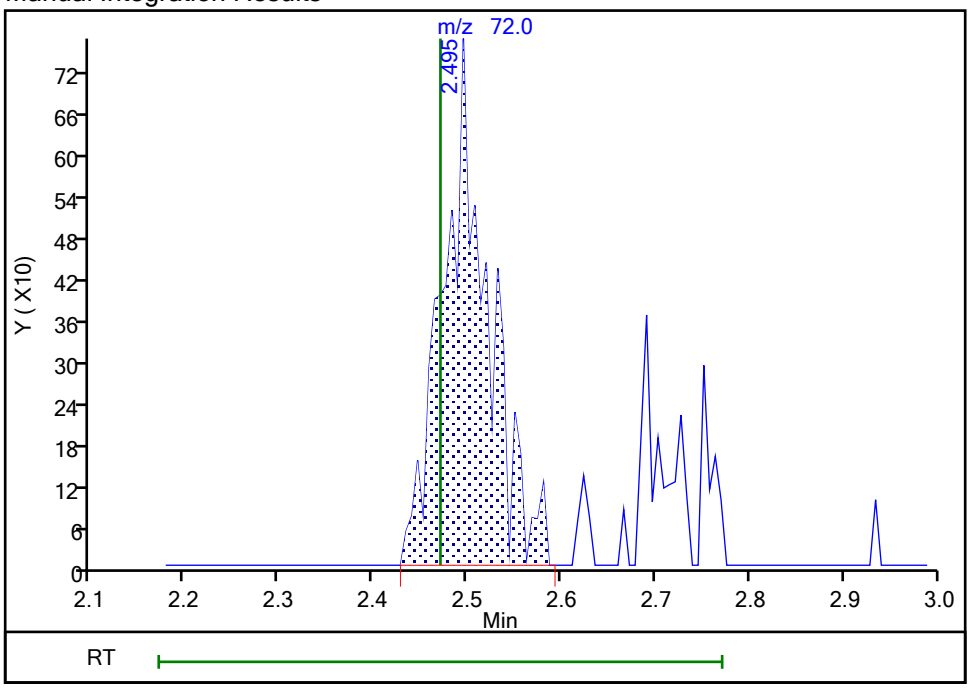
Processing Integration Results

RT: 2.69
Area: 576
Amount: 93.163607
Amount Units: ug/l



Manual Integration Results

RT: 2.50
Area: 2502
Amount: 6.832297
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:36:09
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

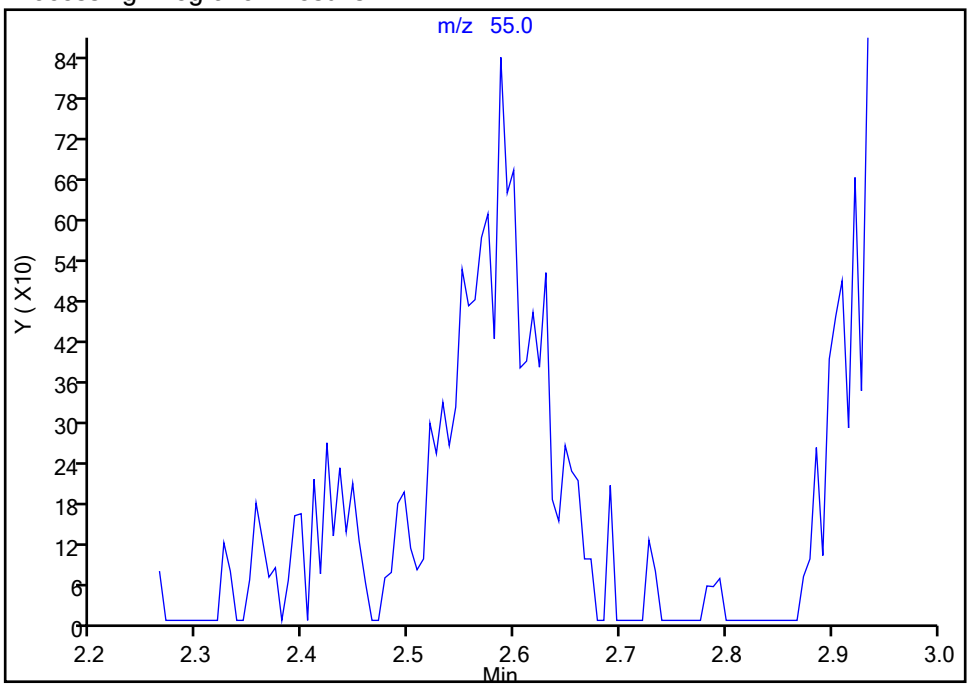
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Methyl acrylate, CAS: 96-33-3

Signal: 1

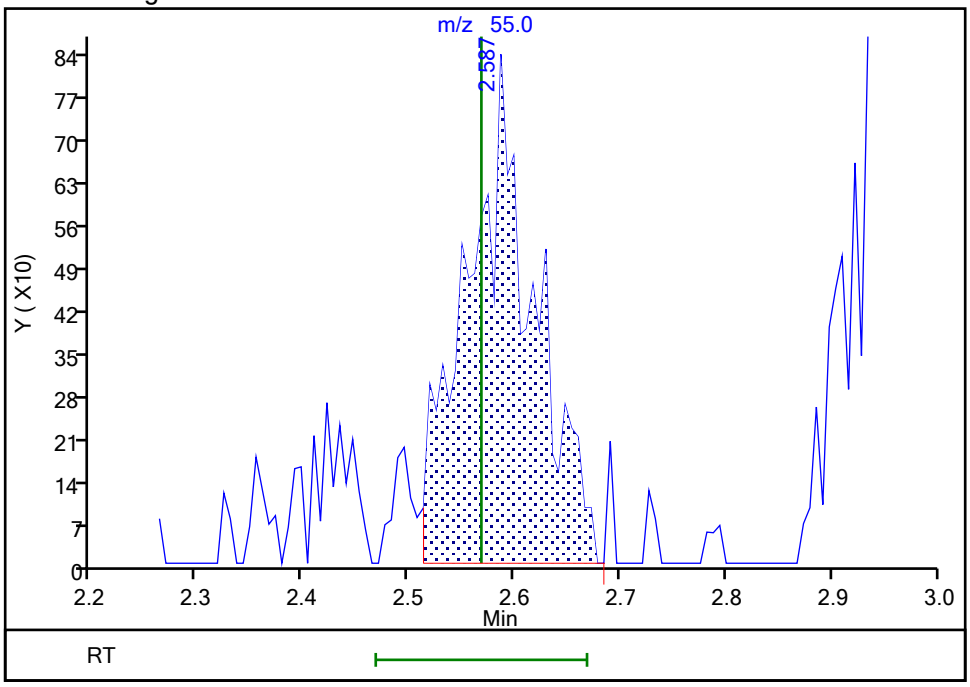
Not Detected
Expected RT: 2.57

Processing Integration Results



Manual Integration Results

RT: 2.59
Area: 3661
Amount: 1.155408
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:36:20
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

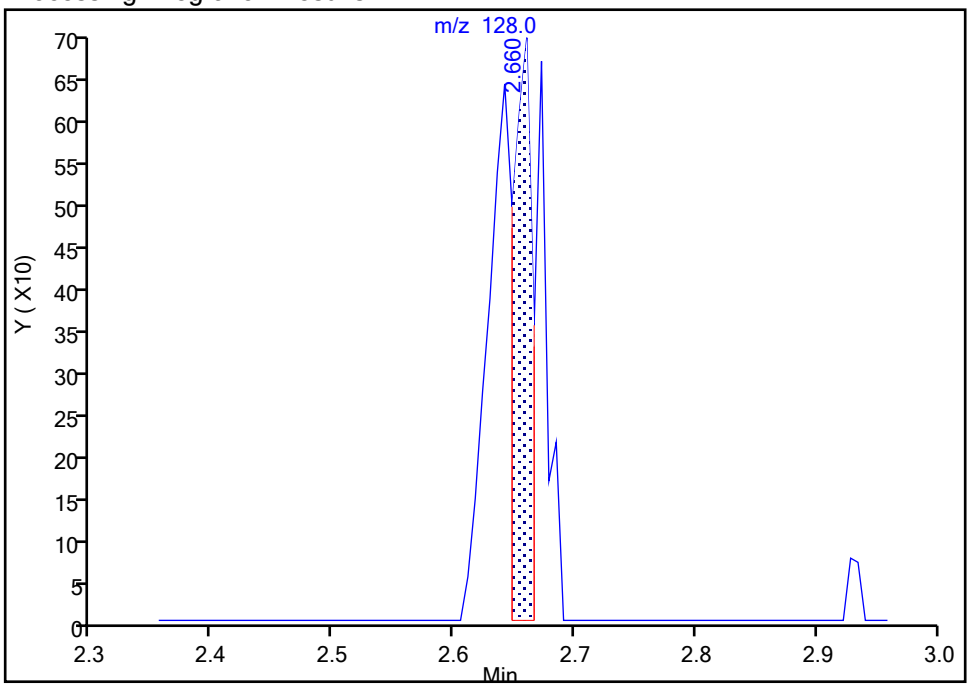
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 Chlorobromomethane, CAS: 74-97-5

Signal: 1

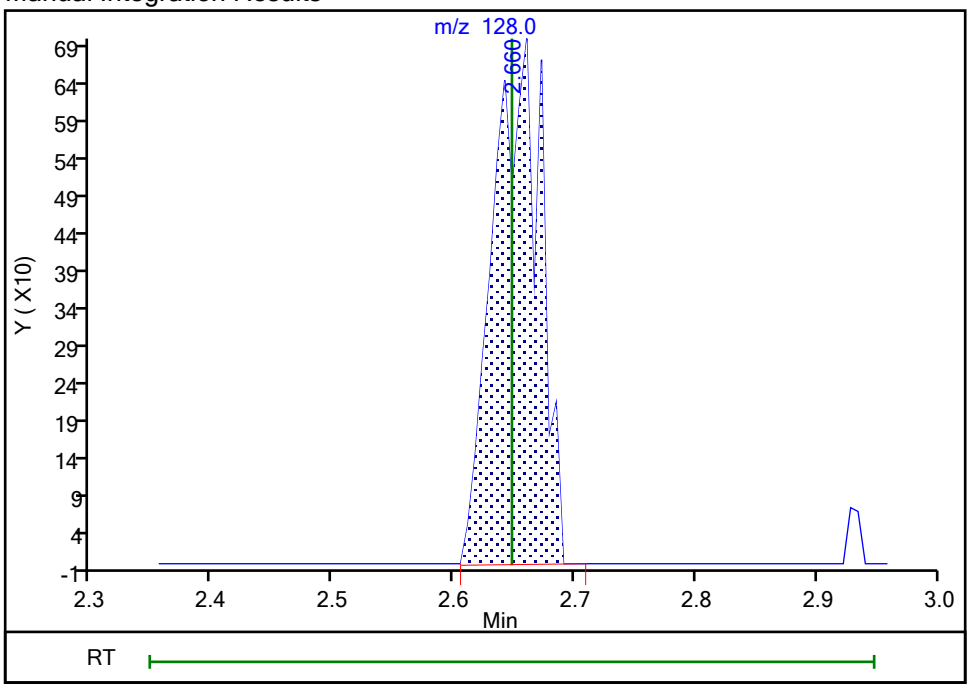
Processing Integration Results

RT: 2.66
Area: 783
Amount: 0.373854
Amount Units: ug/l



Manual Integration Results

RT: 2.66
Area: 1912
Amount: 0.963350
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:36:31
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

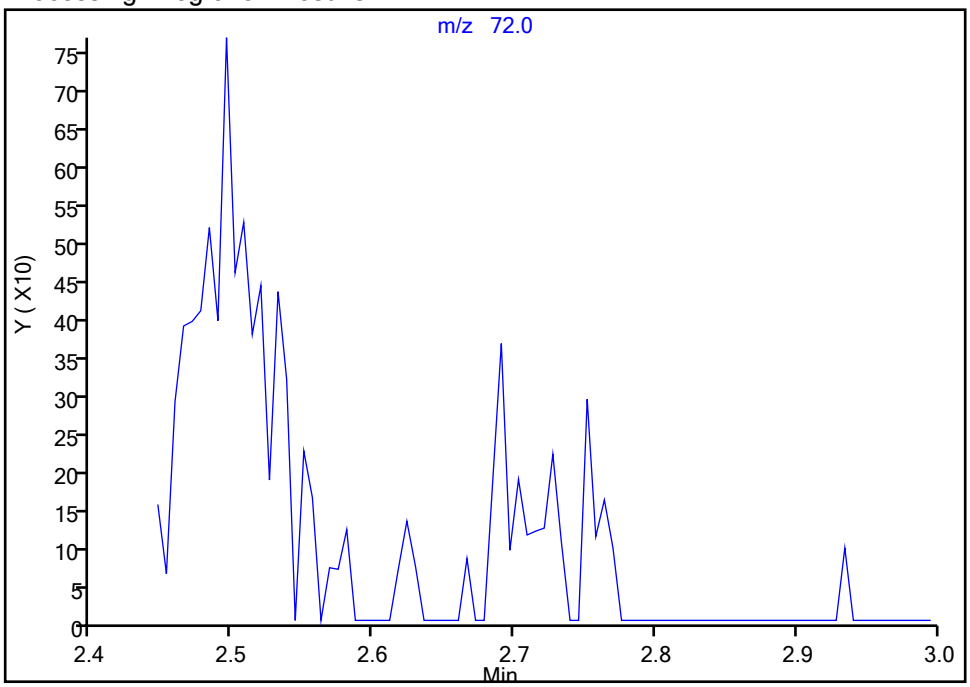
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

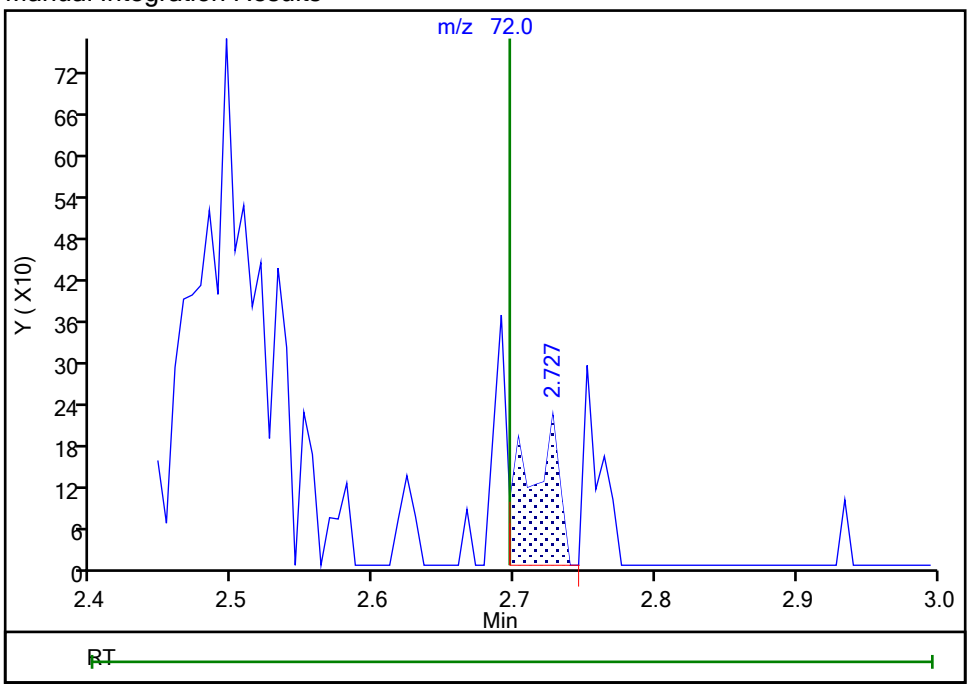
Not Detected
Expected RT: 2.70

Processing Integration Results



Manual Integration Results

RT: 2.73
Area: 346
Amount: 0.857957
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:36:40
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

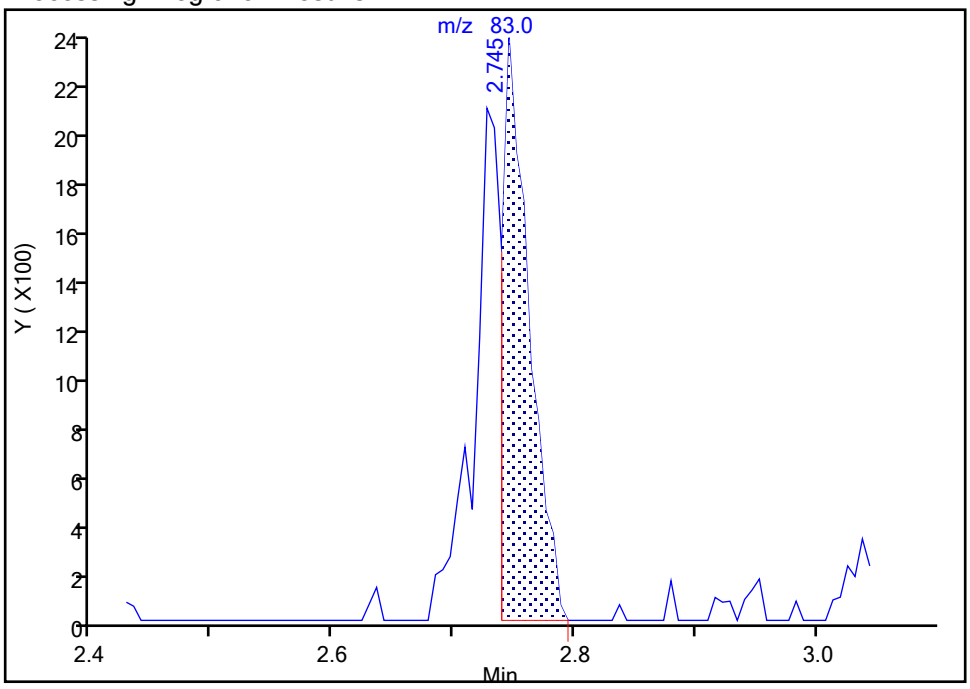
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

49 Chloroform, CAS: 67-66-3

Signal: 1

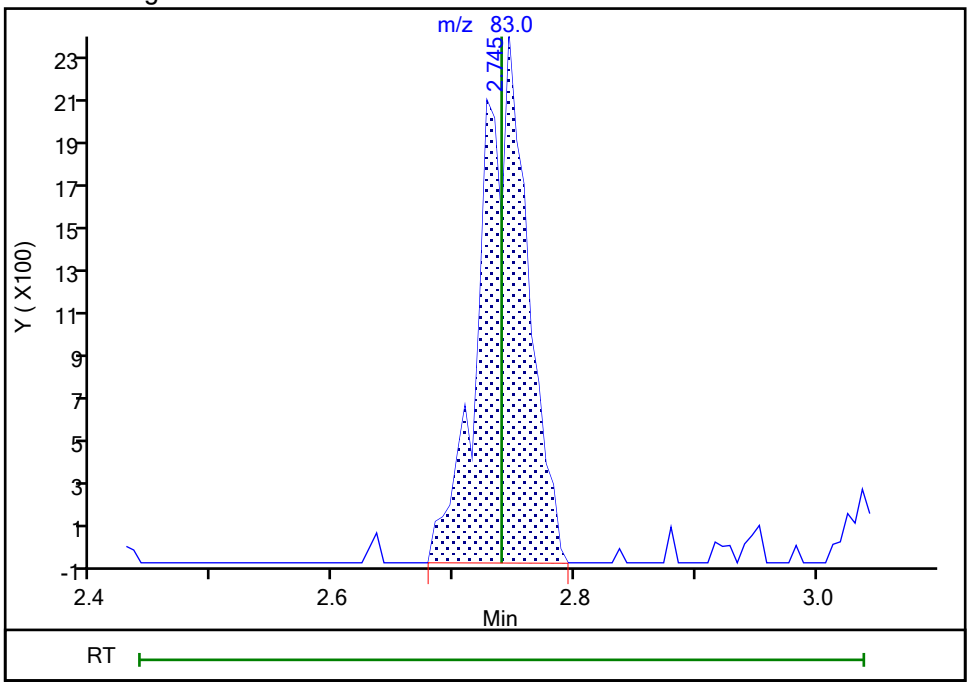
Processing Integration Results

RT: 2.75
Area: 3629
Amount: 0.555202
Amount Units: ug/l



Manual Integration Results

RT: 2.75
Area: 6322
Amount: 1.012954
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:36:54
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

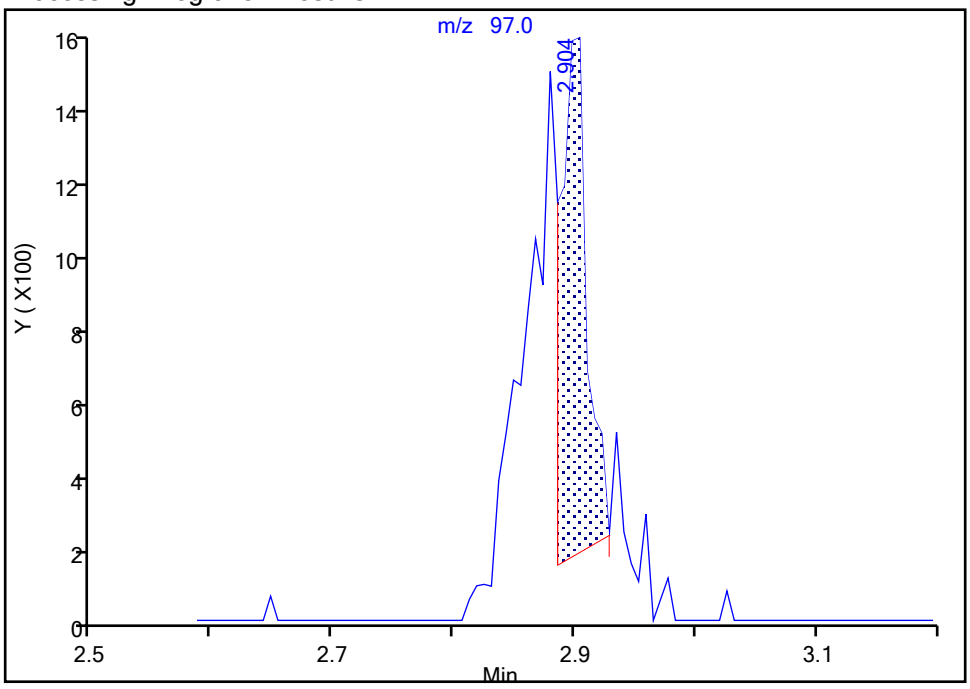
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

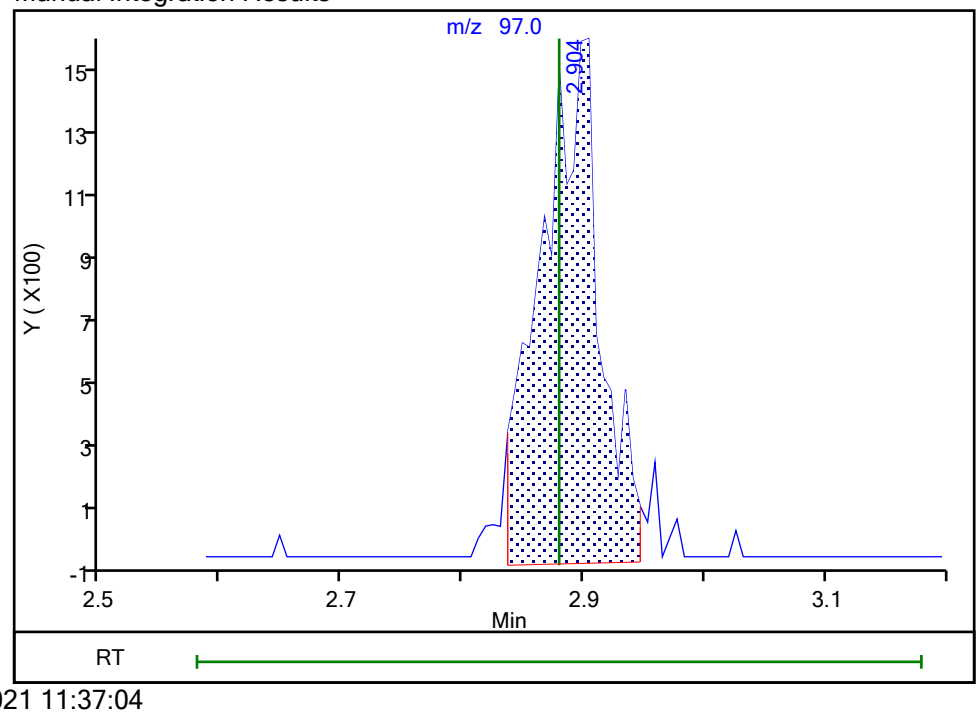
Processing Integration Results

RT: 2.90
Area: 2169
Amount: 0.363969
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 5574
Amount: 0.967206
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:37:04
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

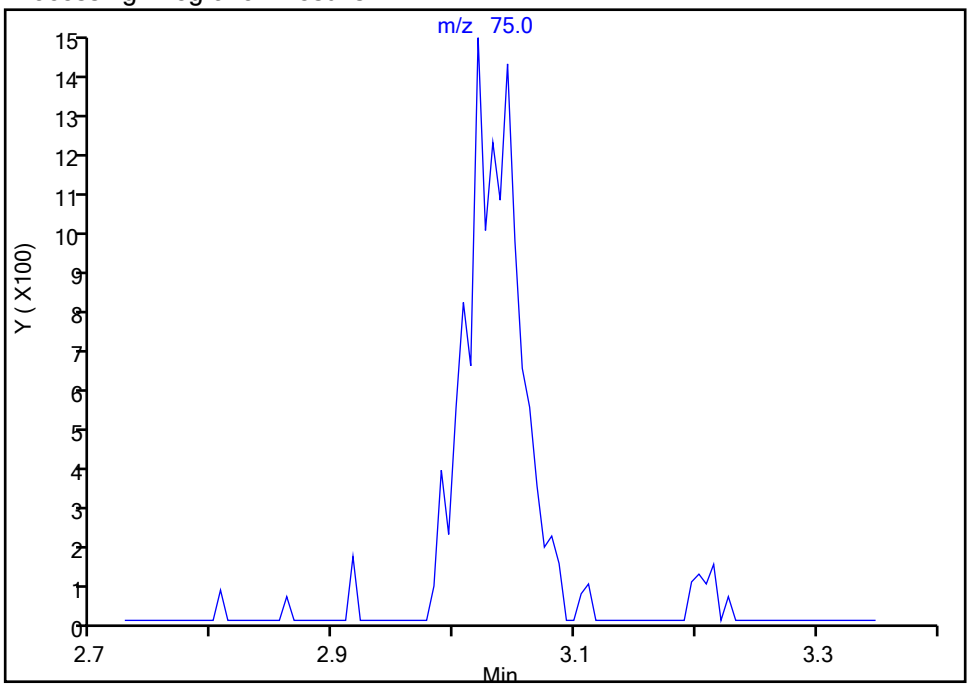
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

54 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

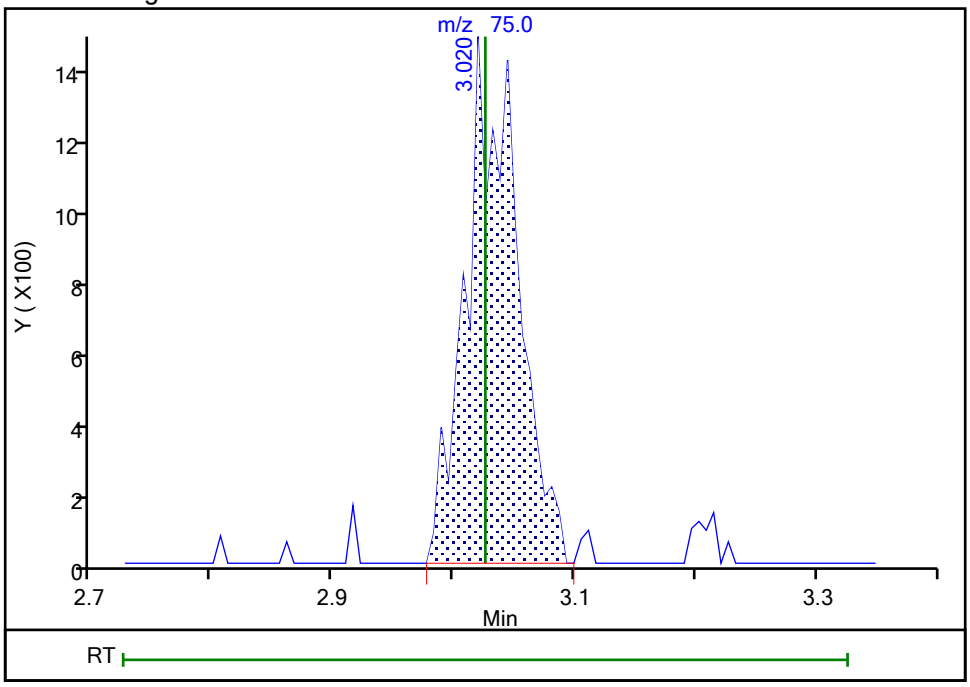
Not Detected
Expected RT: 3.03

Processing Integration Results



Manual Integration Results

RT: 3.02
Area: 4180
Amount: 0.871849
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:37:12
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

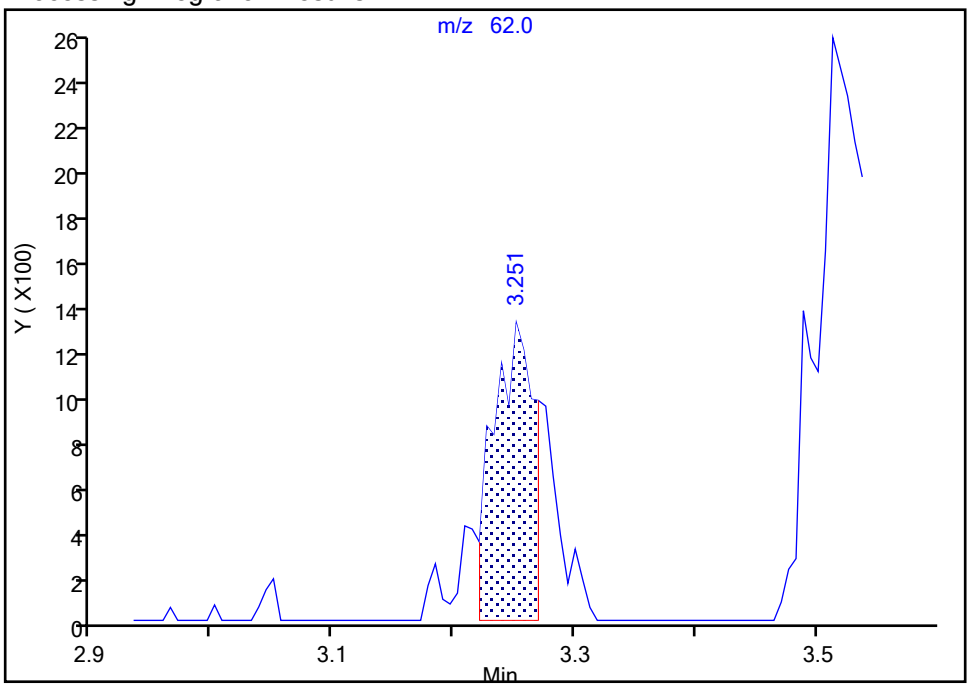
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

57 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

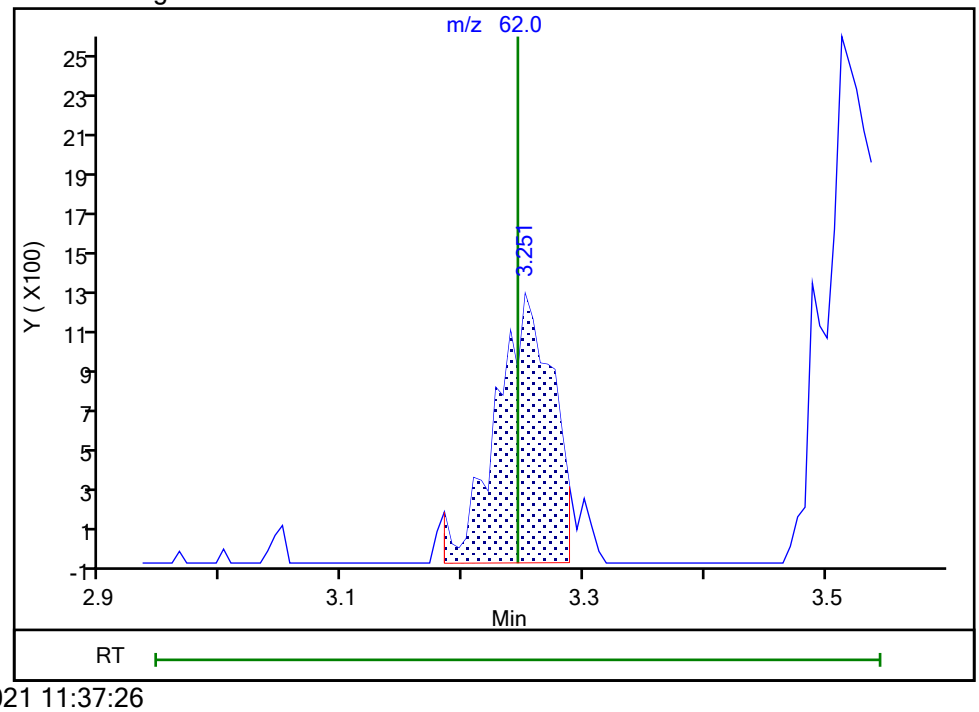
Processing Integration Results

RT: 3.25
Area: 3114
Amount: 0.755110
Amount Units: ug/l



Manual Integration Results

RT: 3.25
Area: 4319
Amount: 0.990533
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:37:26
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

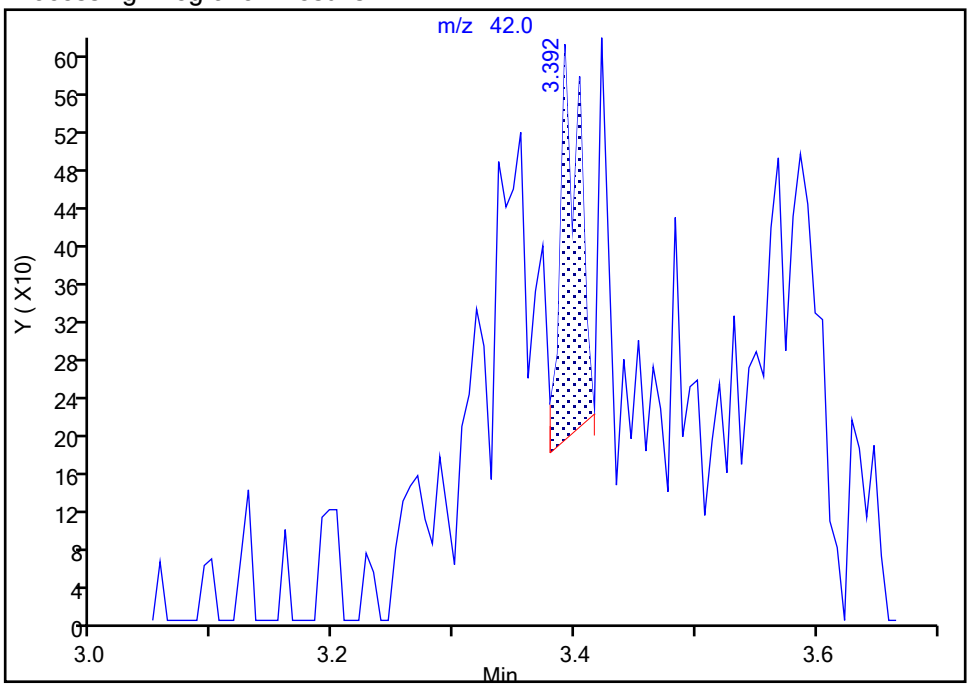
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

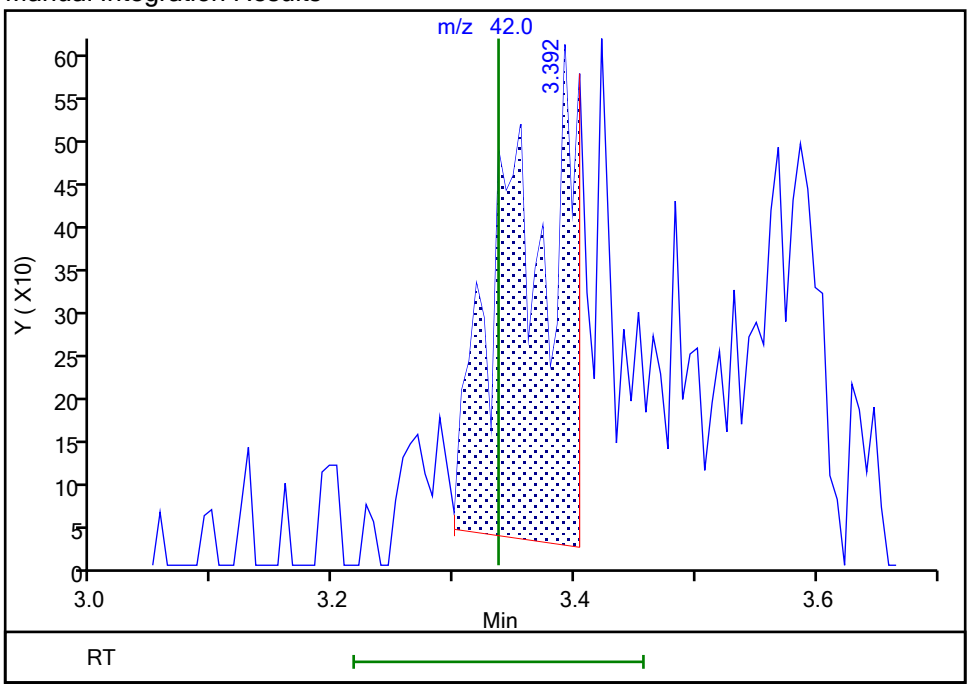
Processing Integration Results

RT: 3.39
Area: 457
Amount: 7.051473
Amount Units: ug/l



Manual Integration Results

RT: 3.39
Area: 2082
Amount: 31.363491
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:41:48
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

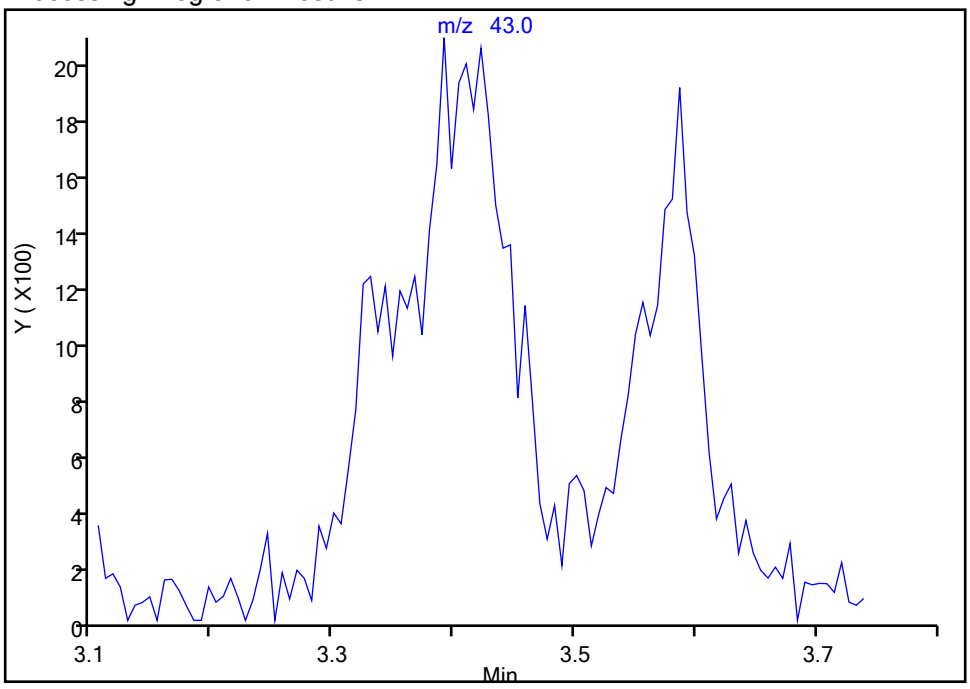
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

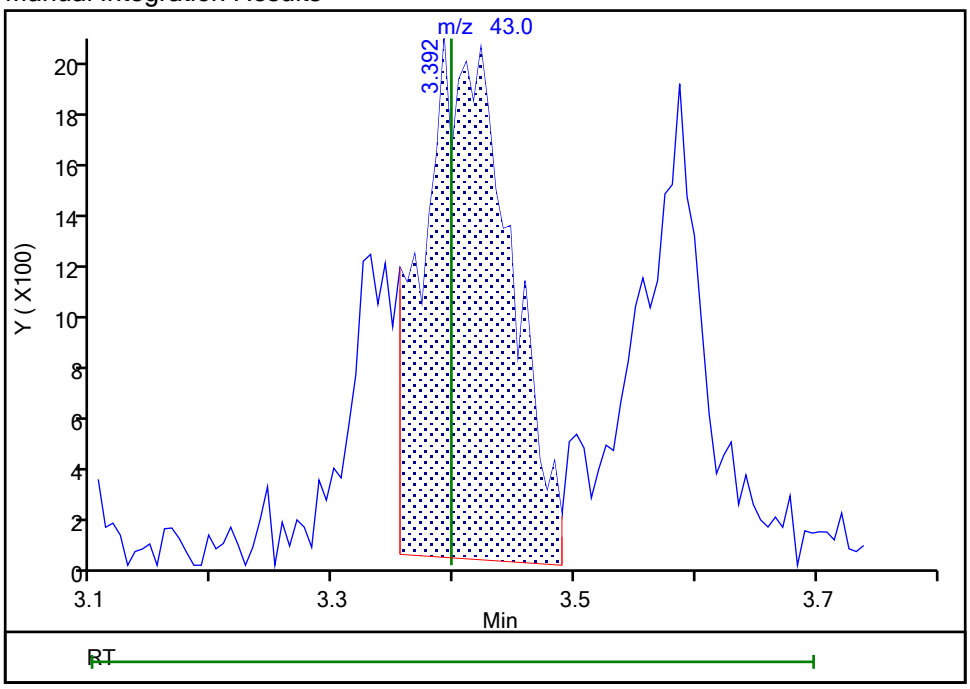
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.39
Area: 10417
Amount: 0.788798
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:37:41
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

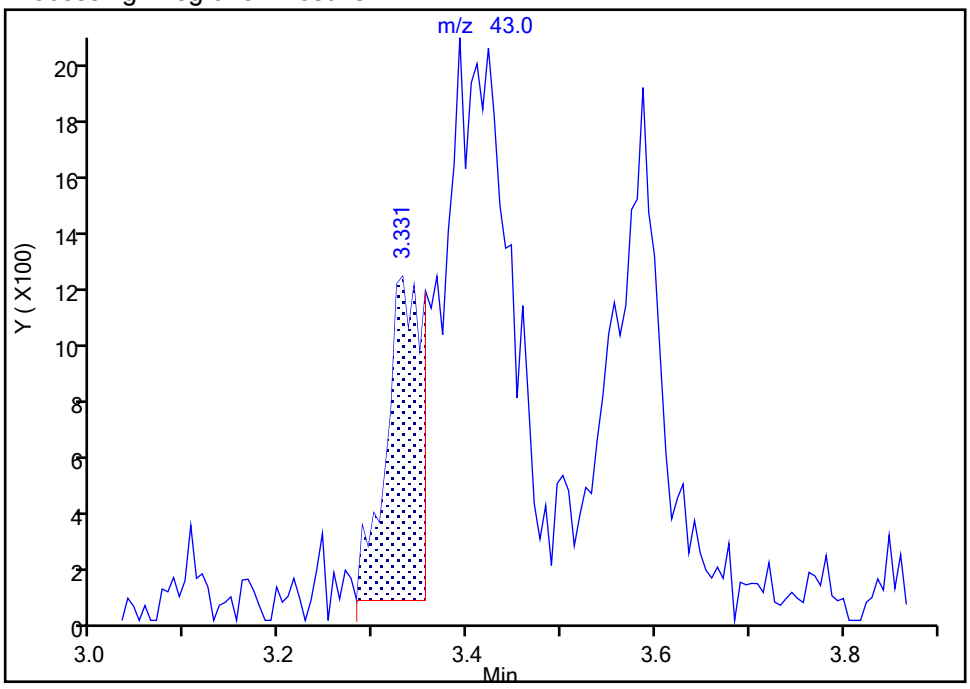
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 n-Heptane, CAS: 142-82-5

Signal: 1

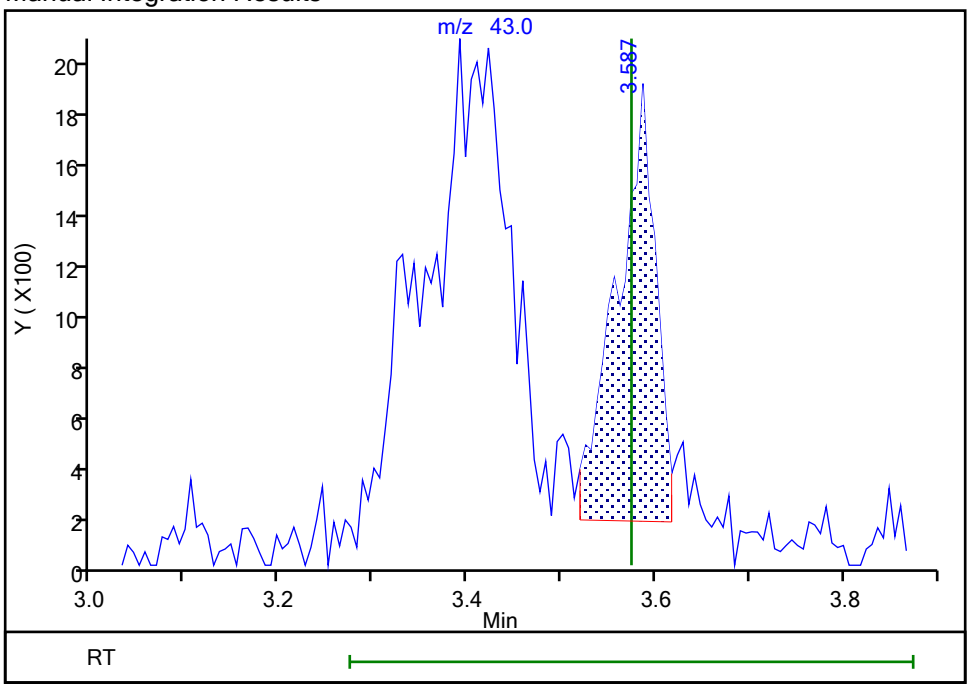
Processing Integration Results

RT: 3.33
Area: 3121
Amount: 0.442455
Amount Units: ug/l



Manual Integration Results

RT: 3.59
Area: 4977
Amount: 0.786830
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:37:48
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

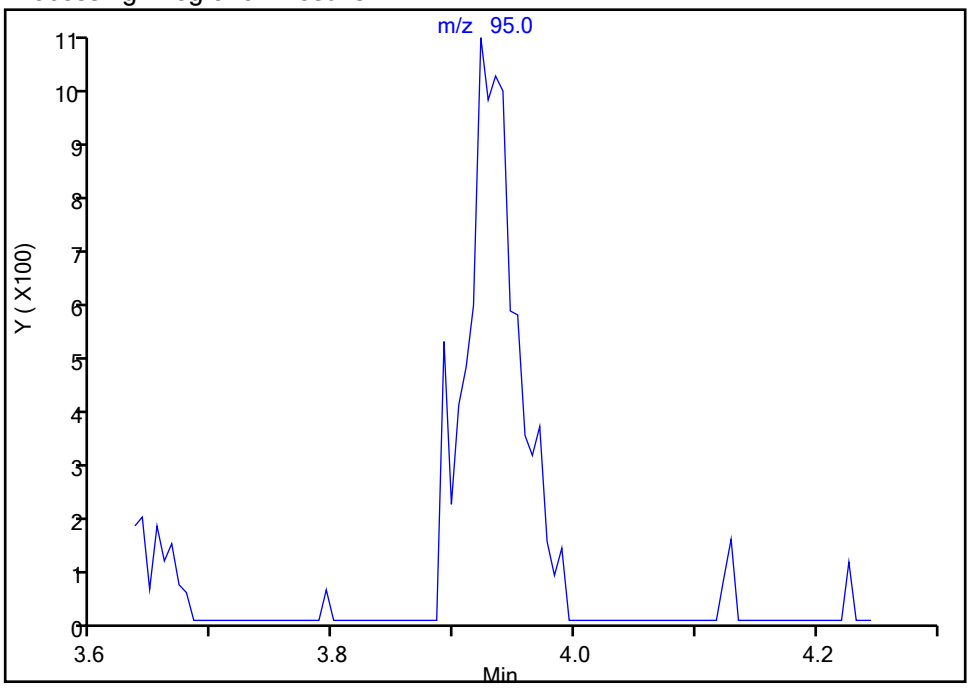
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

63 Trichloroethene, CAS: 79-01-6

Signal: 1

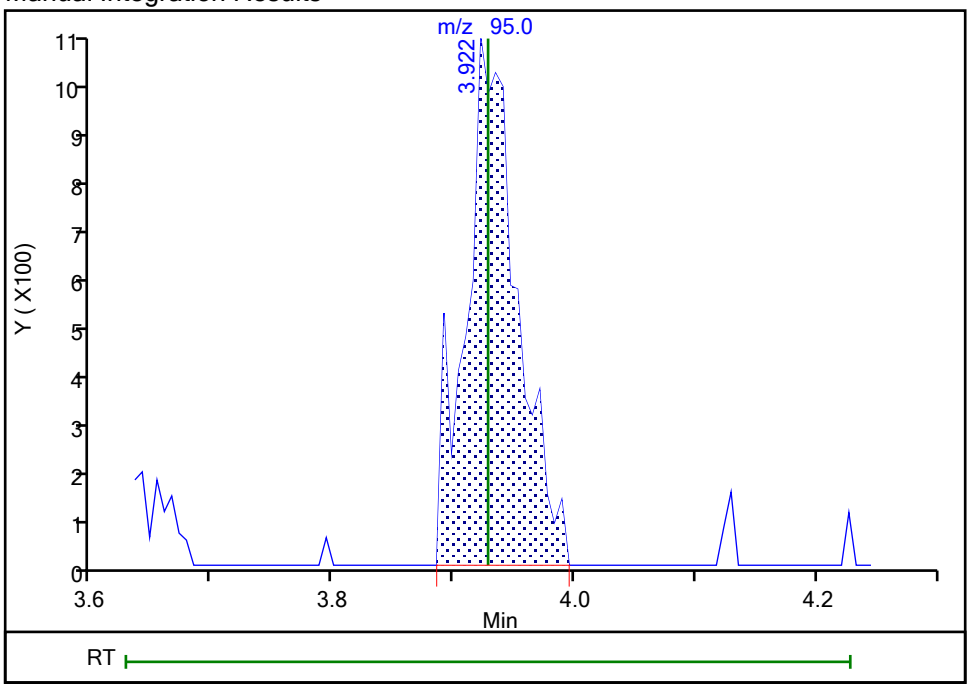
Not Detected
Expected RT: 3.93

Processing Integration Results



Manual Integration Results

RT: 3.92
Area: 3102
Amount: 0.864021
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:37:56
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

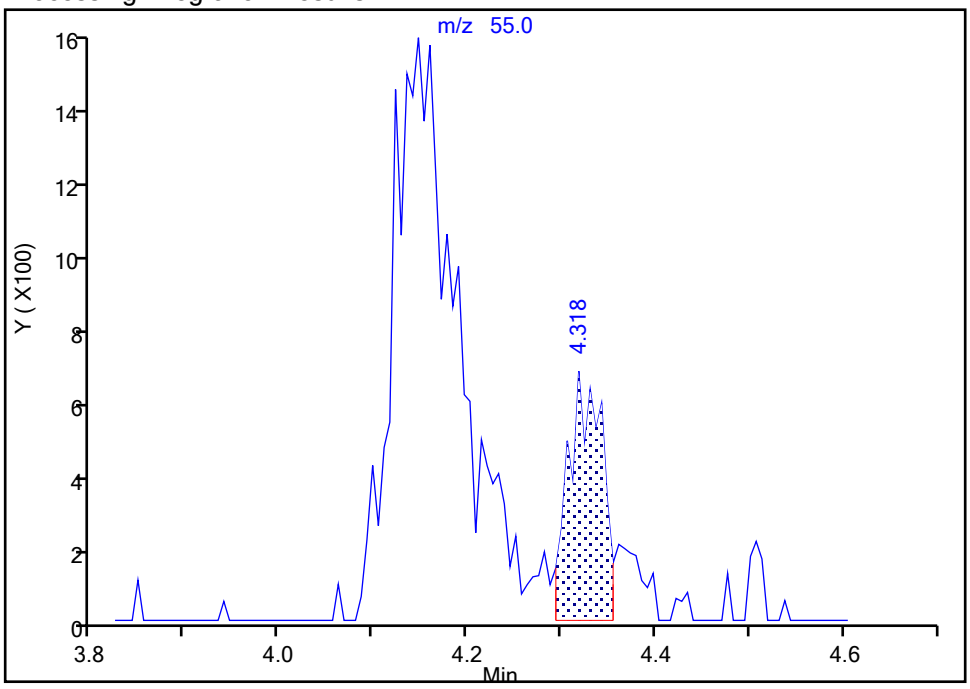
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 Ethyl acrylate, CAS: 140-88-5

Signal: 1

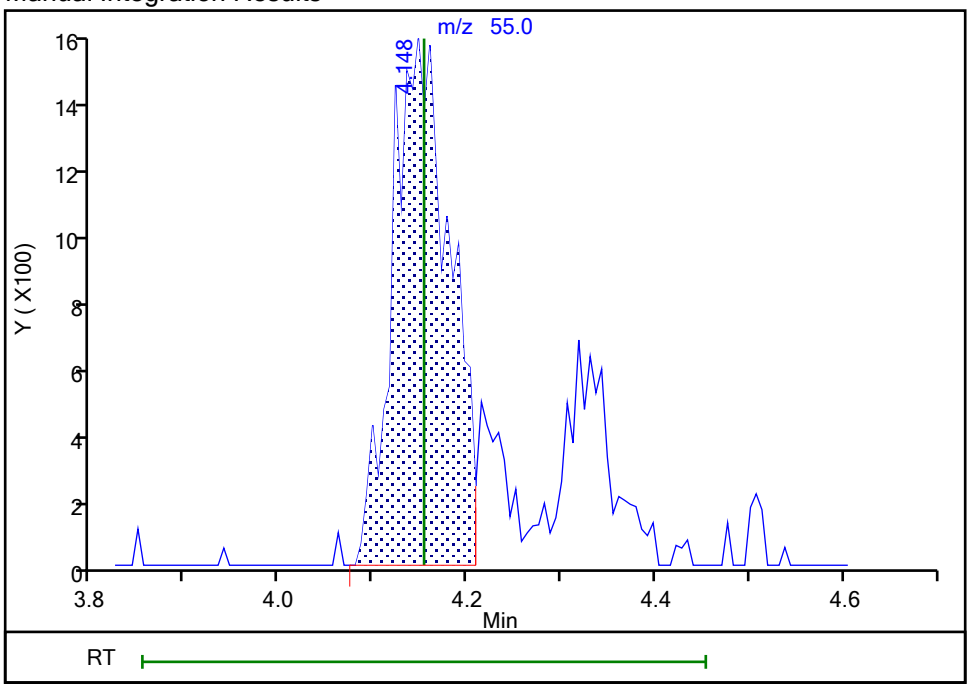
Processing Integration Results

RT: 4.32
Area: 1667
Amount: 0.192080
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 6604
Amount: 0.775656
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:38:08
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

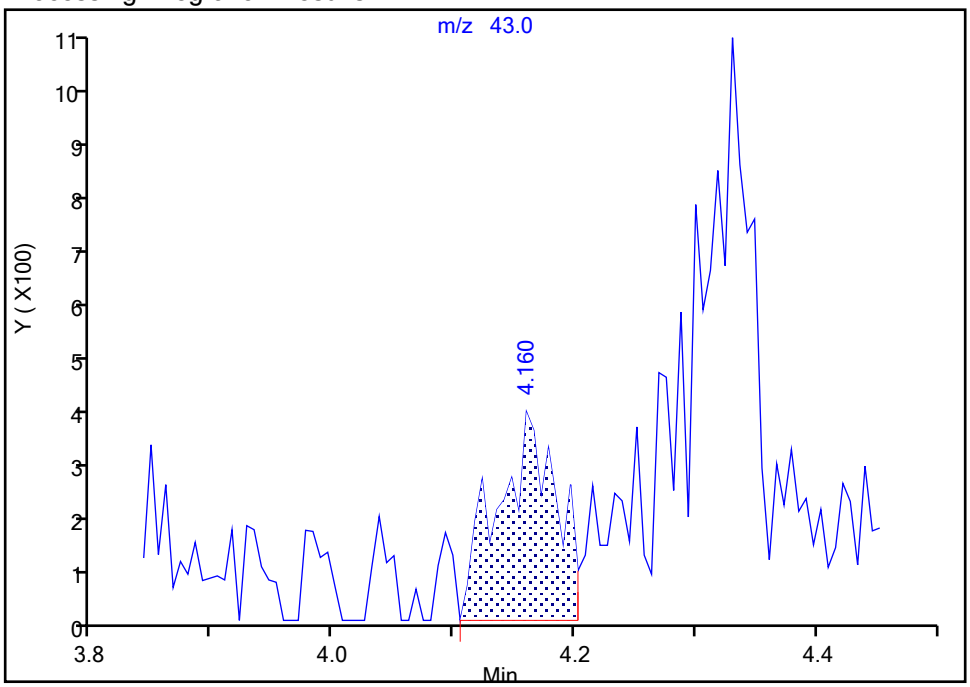
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

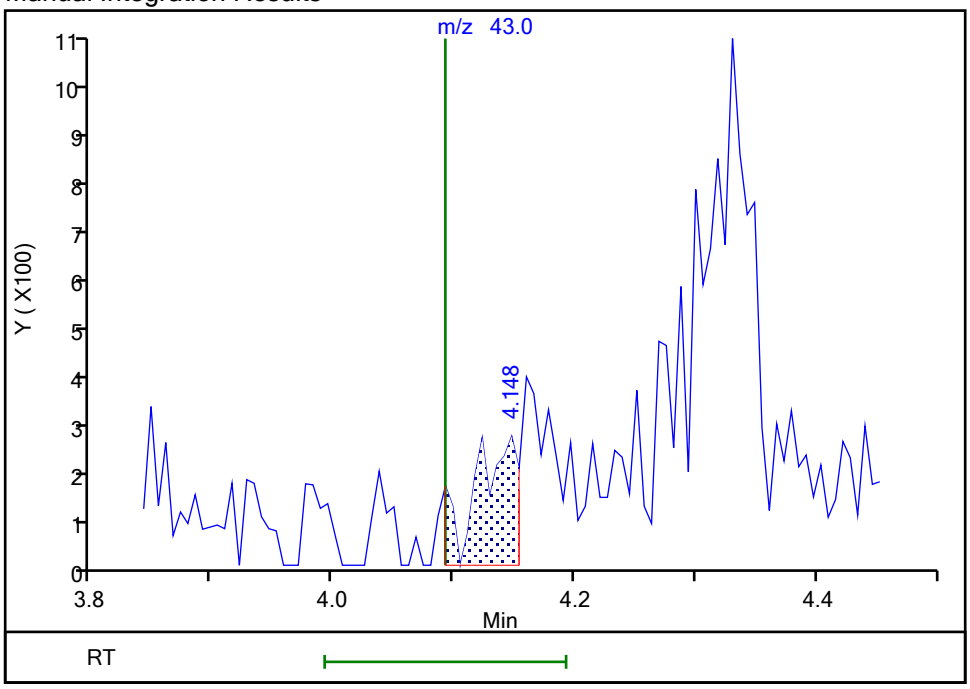
Processing Integration Results

RT: 4.16
Area: 1206
Amount: 42.011747
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 624
Amount: 31.087156
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 13:23:43
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

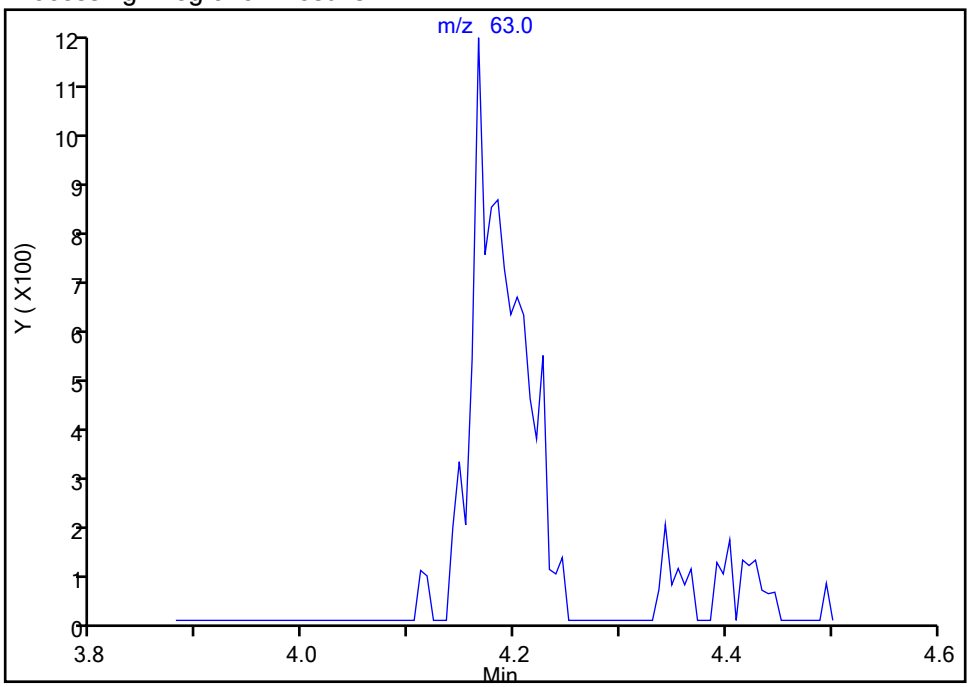
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

67 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

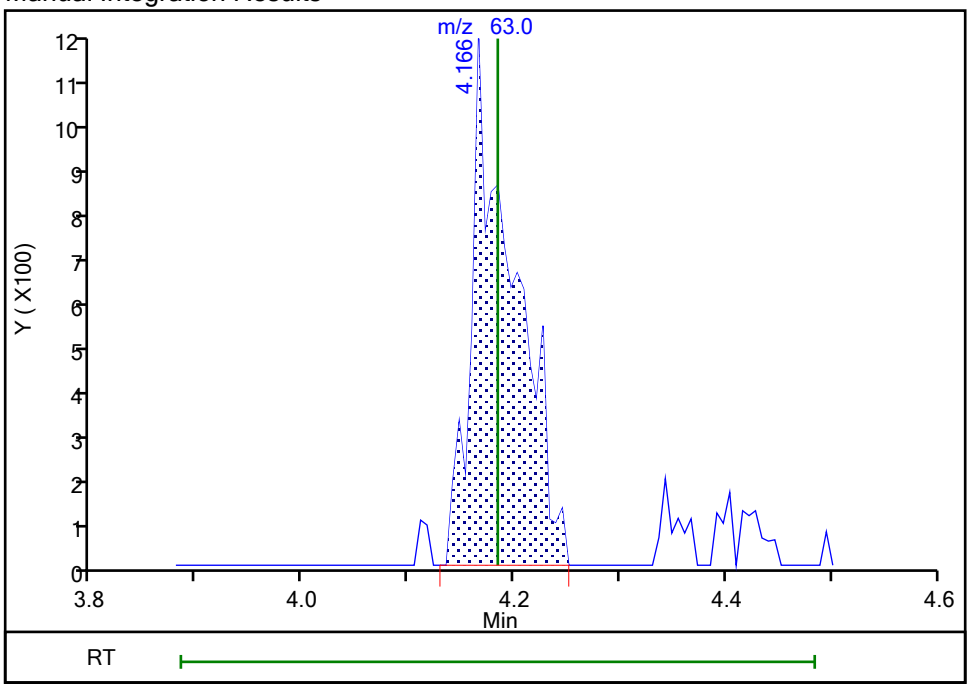
Not Detected
Expected RT: 4.18

Processing Integration Results



Manual Integration Results

RT: 4.17
Area: 3335
Amount: 0.956783
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:38:14
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

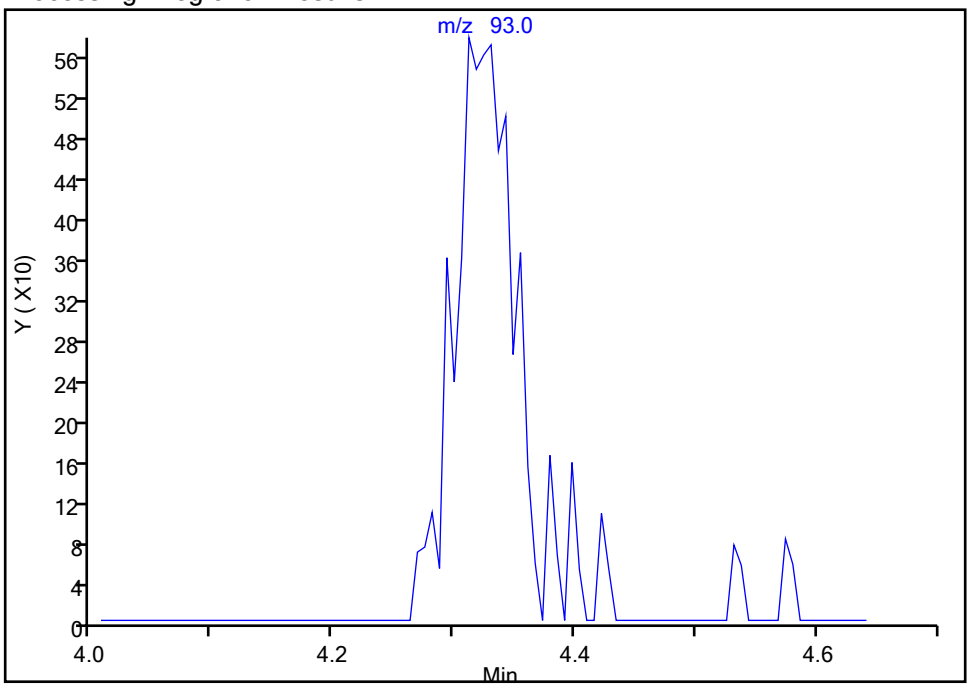
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 Dibromomethane, CAS: 74-95-3

Signal: 1

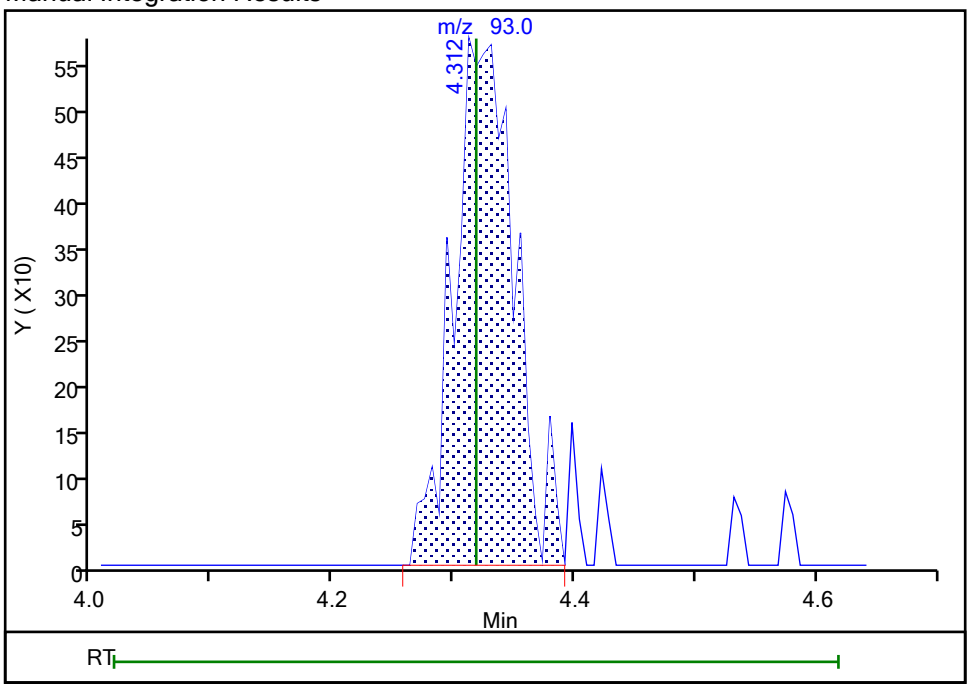
Not Detected
Expected RT: 4.32

Processing Integration Results



Manual Integration Results

RT: 4.31
Area: 2007
Amount: 0.986397
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:38:20
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

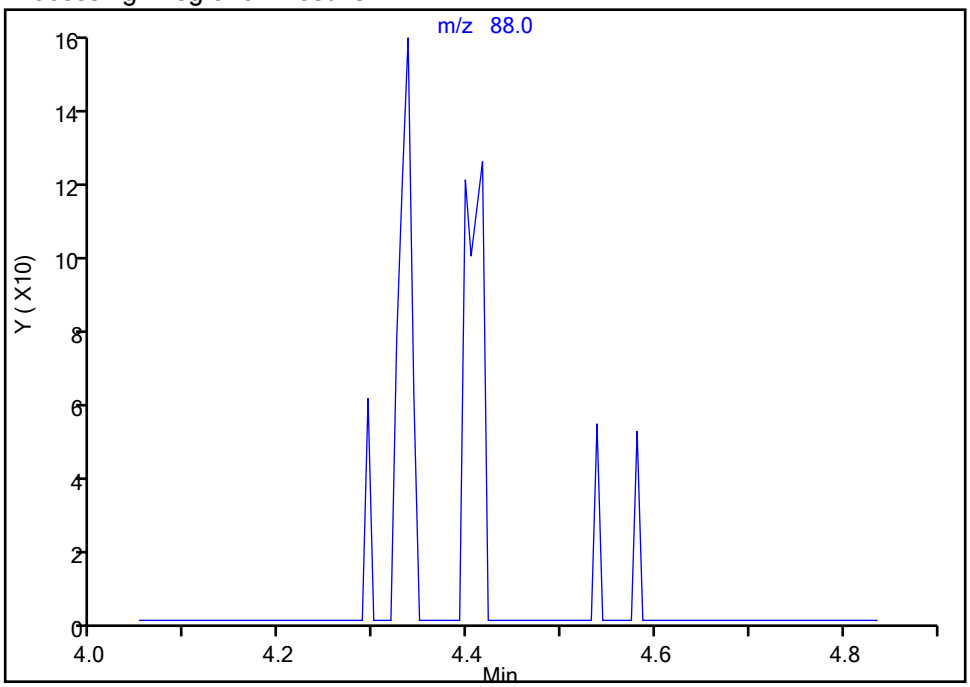
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

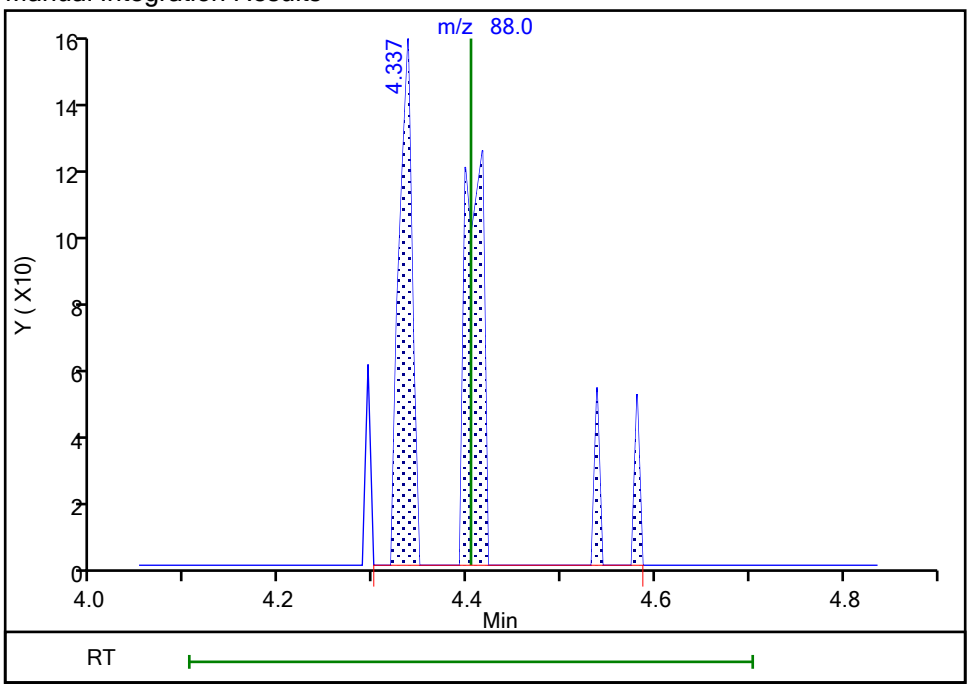
Not Detected
Expected RT: 4.40

Processing Integration Results



Manual Integration Results

RT: 4.34
Area: 361
Amount: 19.129358
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:32:26
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

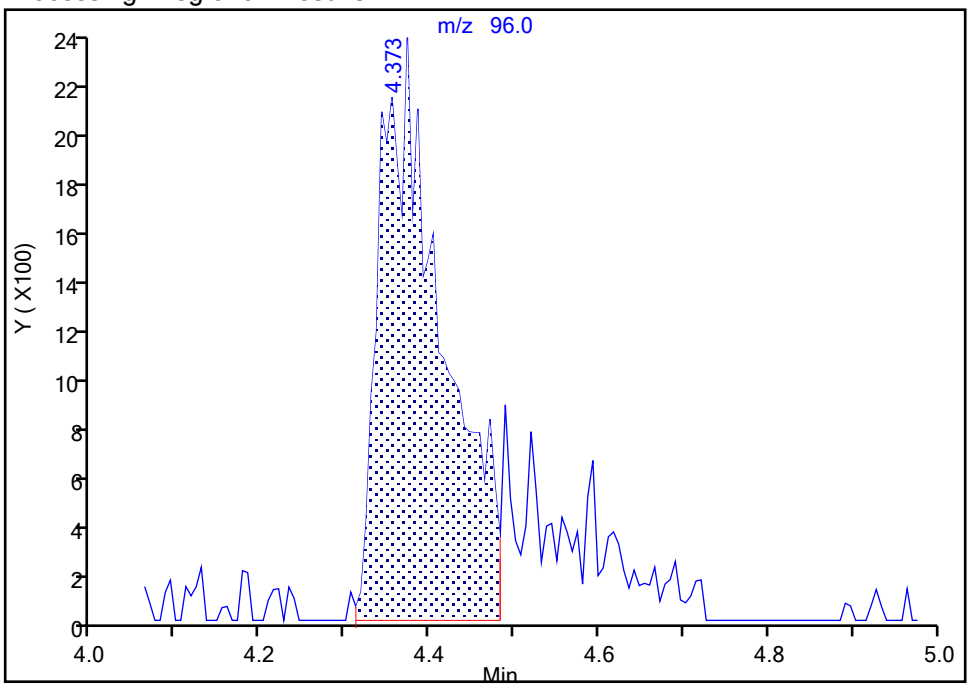
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

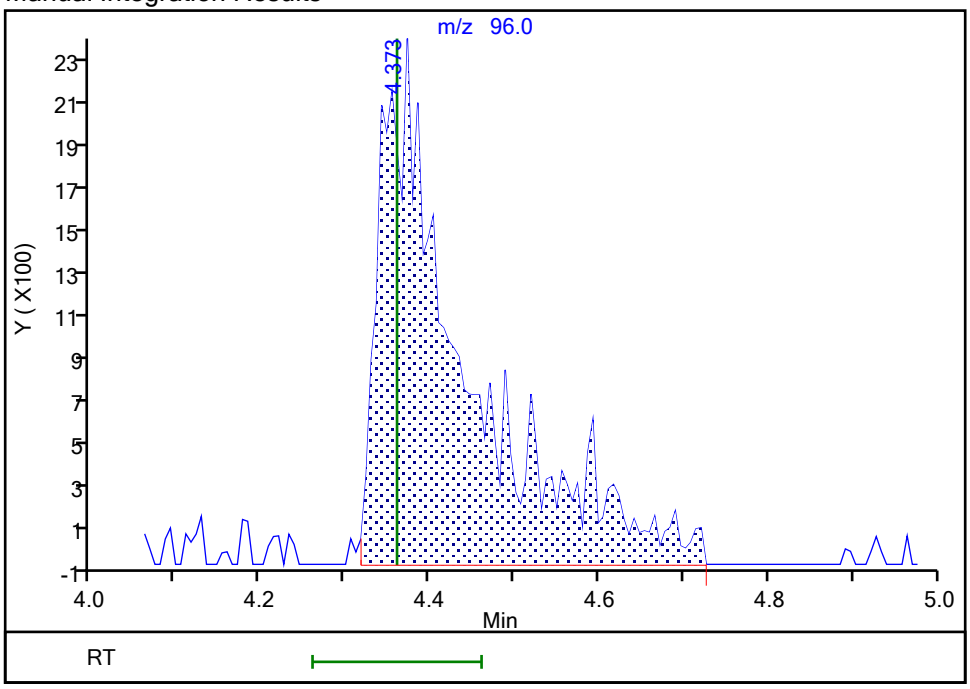
Processing Integration Results

RT: 4.37
Area: 12002
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.37
Area: 16213
Amount: 1000.0000
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:40:01
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

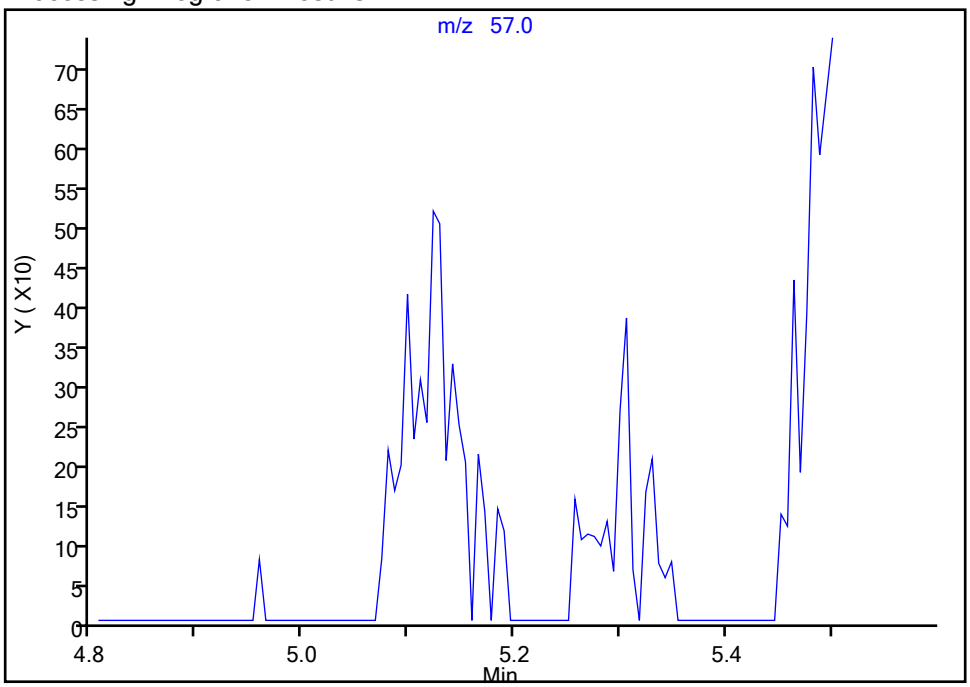
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

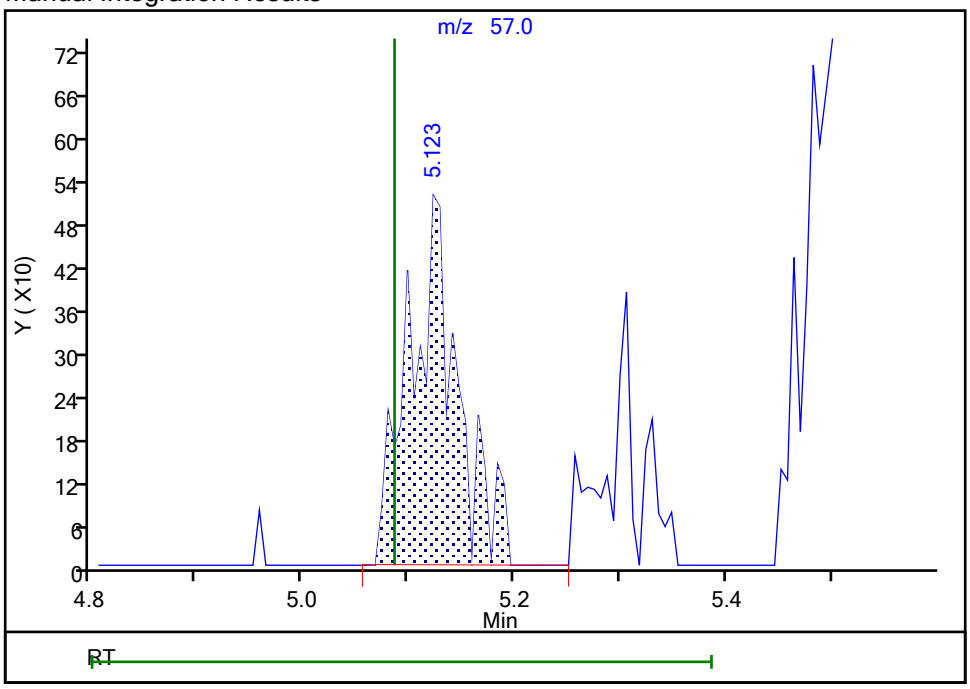
Not Detected
Expected RT: 5.09

Processing Integration Results



Manual Integration Results

RT: 5.12
Area: 1618
Amount: 10.556578
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:21:04
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

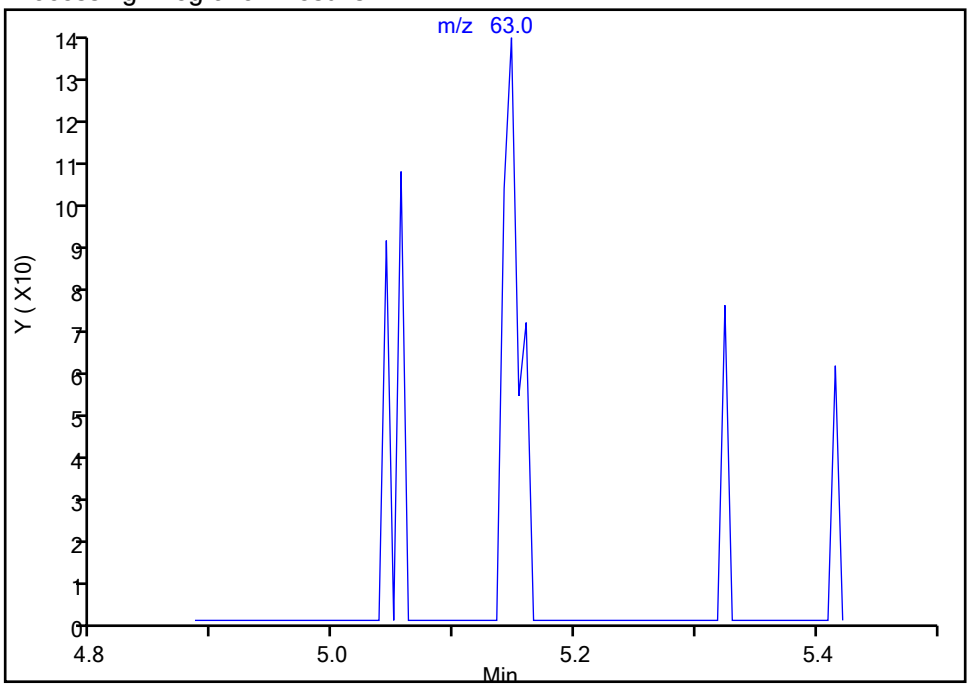
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

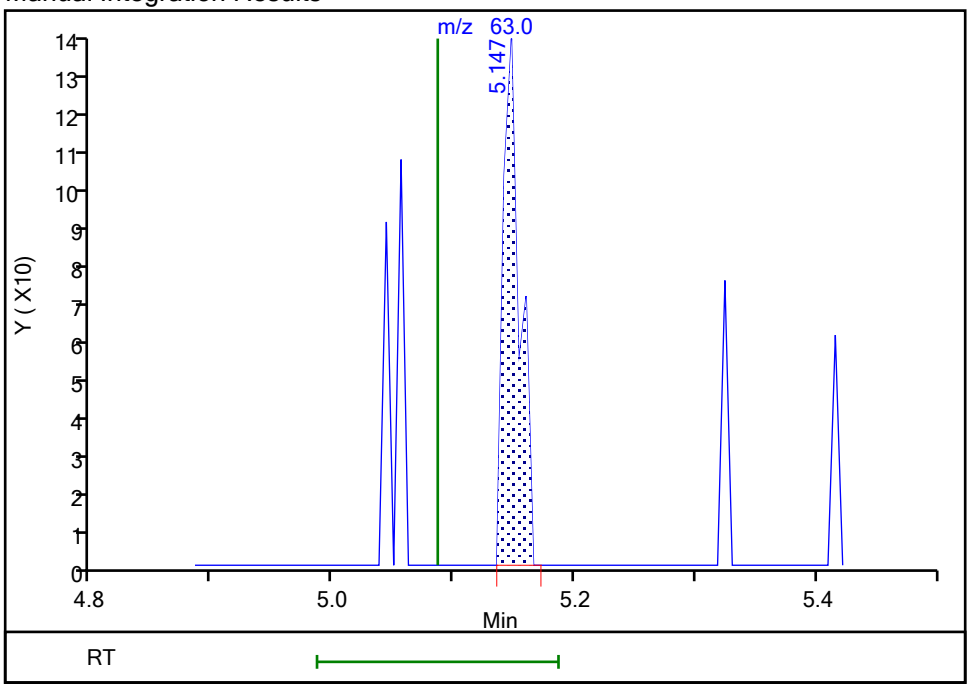
Not Detected
Expected RT: 5.09

Processing Integration Results



Manual Integration Results

RT: 5.15
Area: 130
Amount: 0.516076
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:08
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

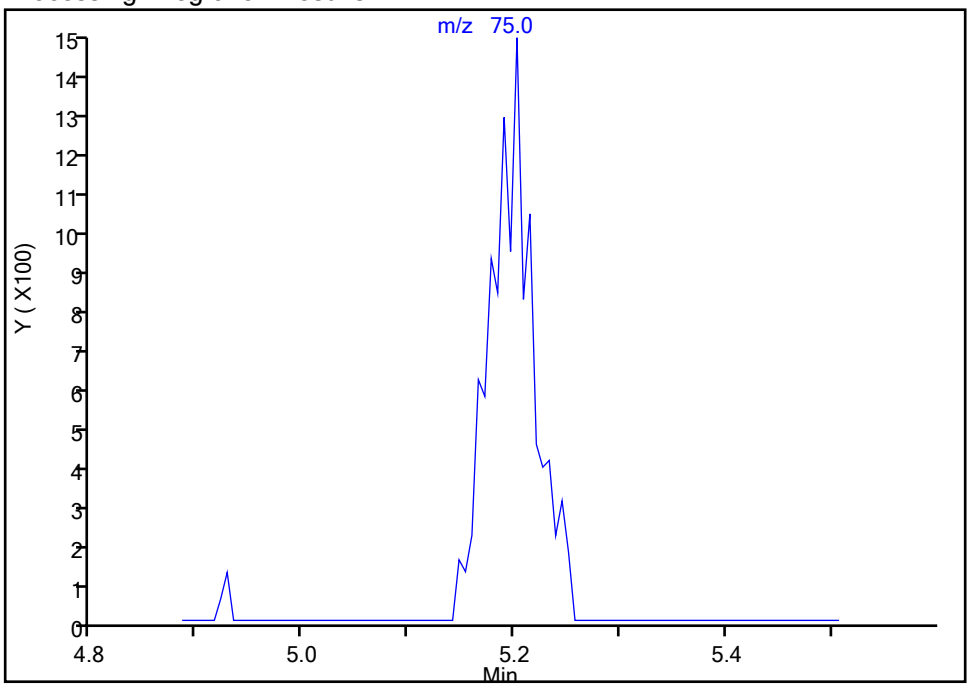
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

77 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

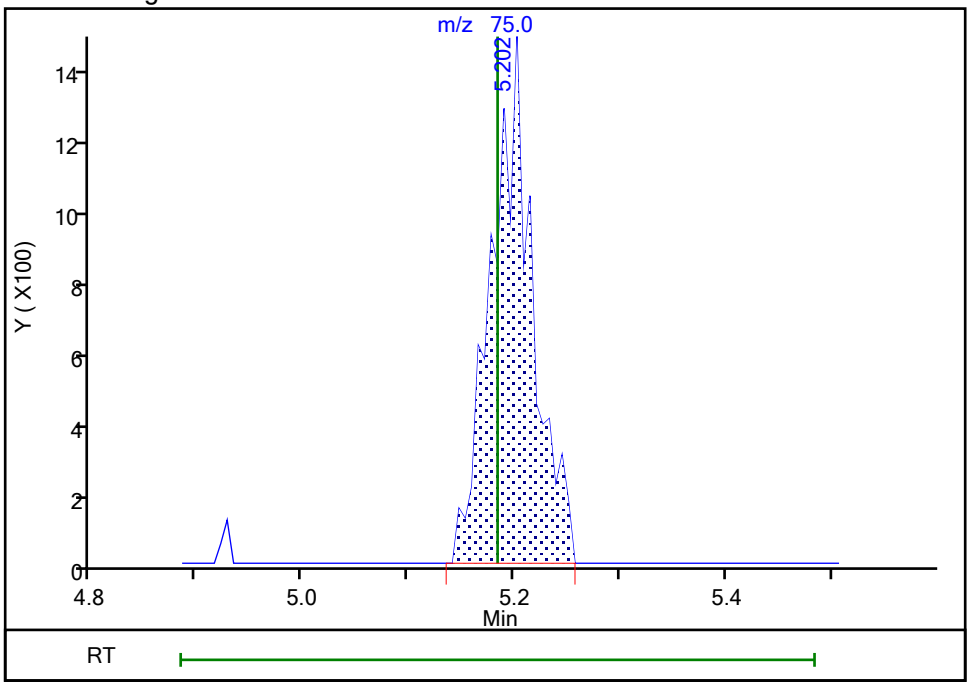
Not Detected
Expected RT: 5.18

Processing Integration Results



Manual Integration Results

RT: 5.20
Area: 3966
Amount: 0.779560
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:15
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

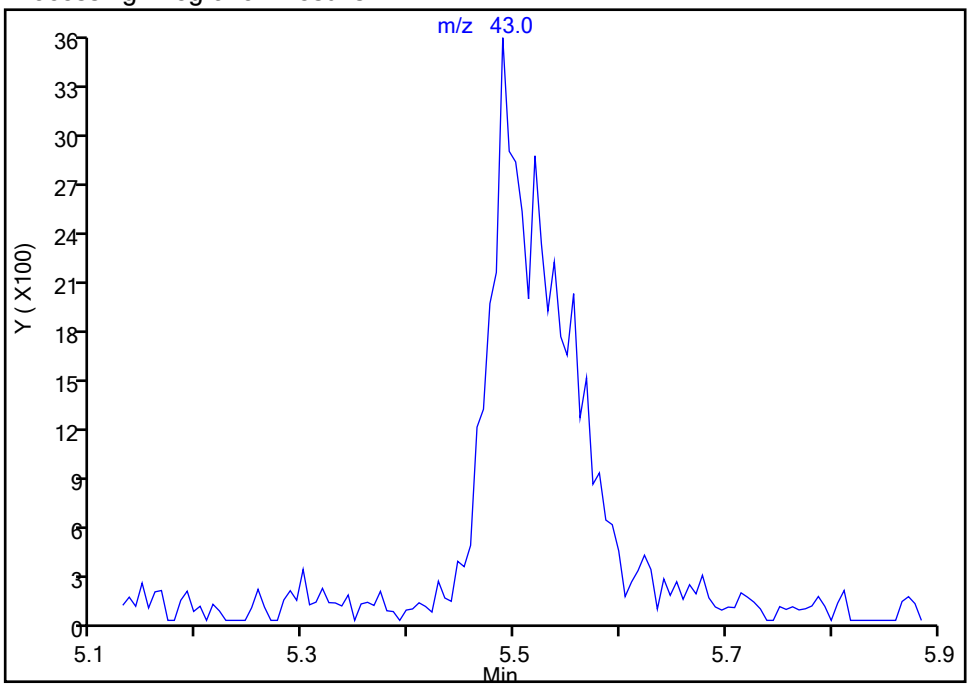
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

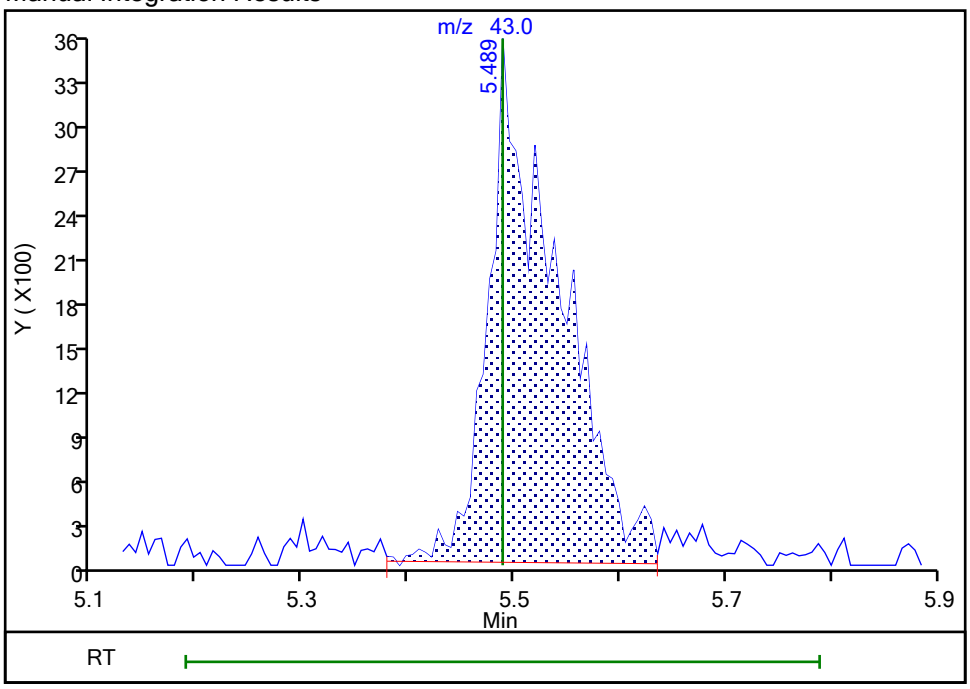
Not Detected
Expected RT: 5.49

Processing Integration Results



Manual Integration Results

RT: 5.49
Area: 15755
Amount: 5.226895
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:22
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

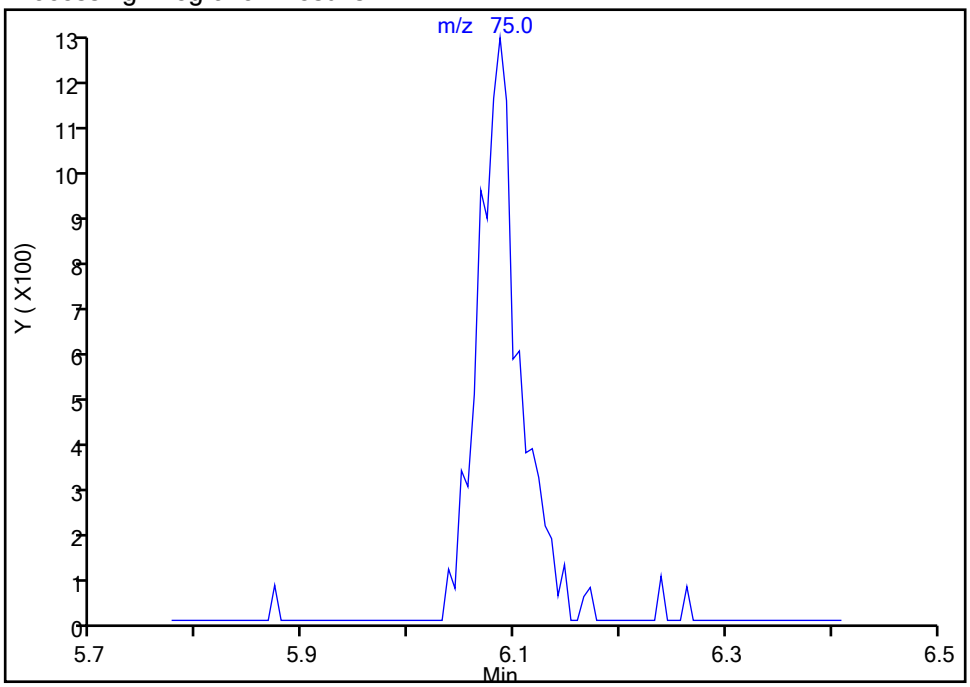
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

82 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

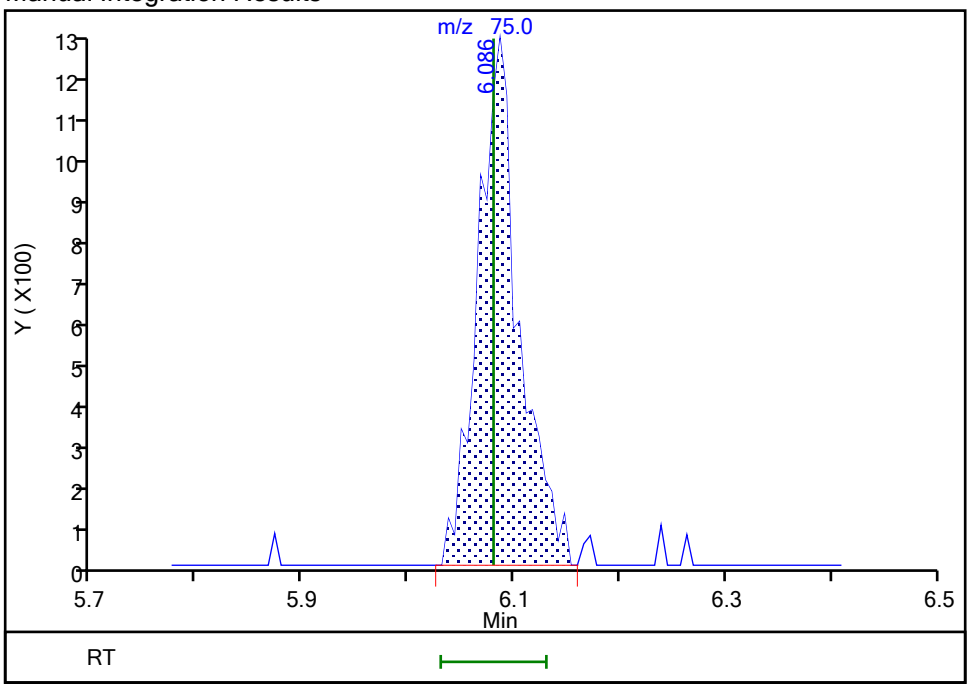
Not Detected
Expected RT: 6.08

Processing Integration Results



Manual Integration Results

RT: 6.09
Area: 3459
Amount: 0.776275
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:29
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

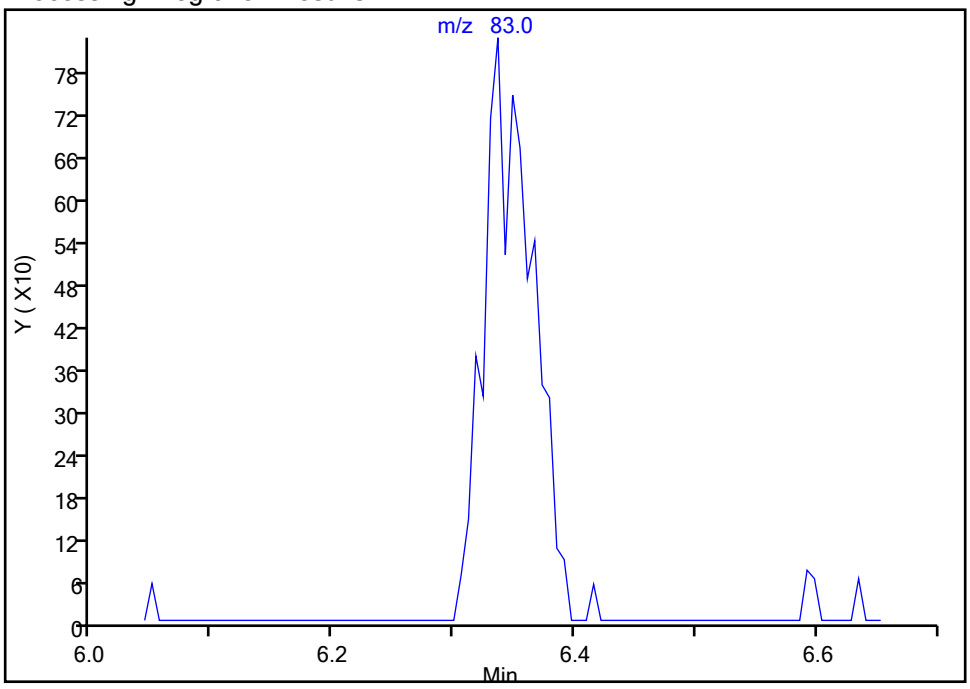
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

83 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

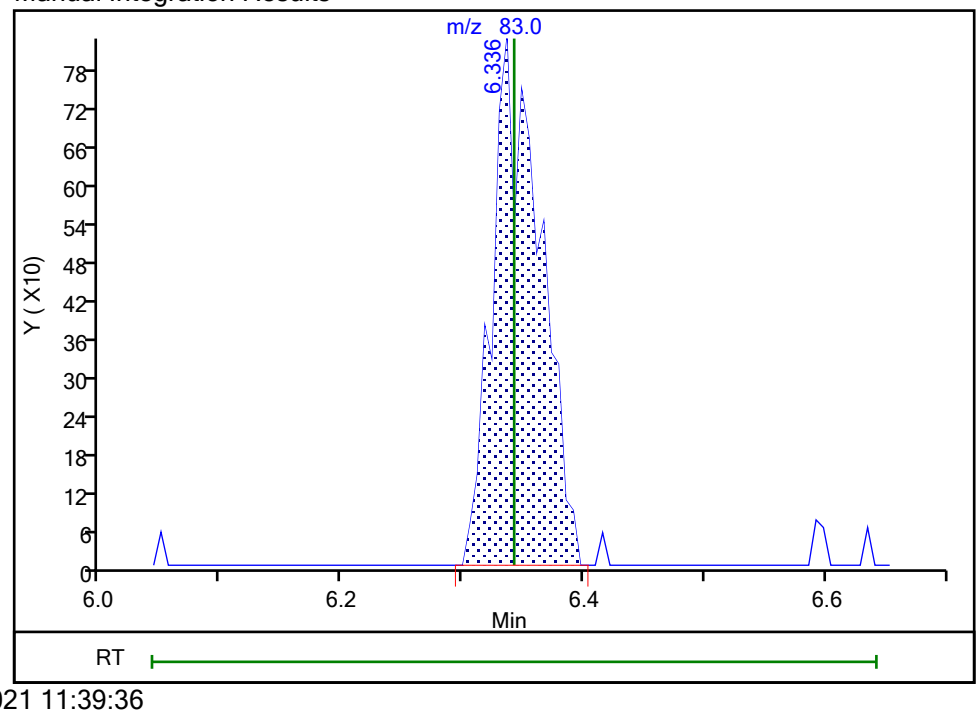
Not Detected
Expected RT: 6.34

Processing Integration Results



Manual Integration Results

RT: 6.34
Area: 2274
Amount: 0.954267
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:36
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

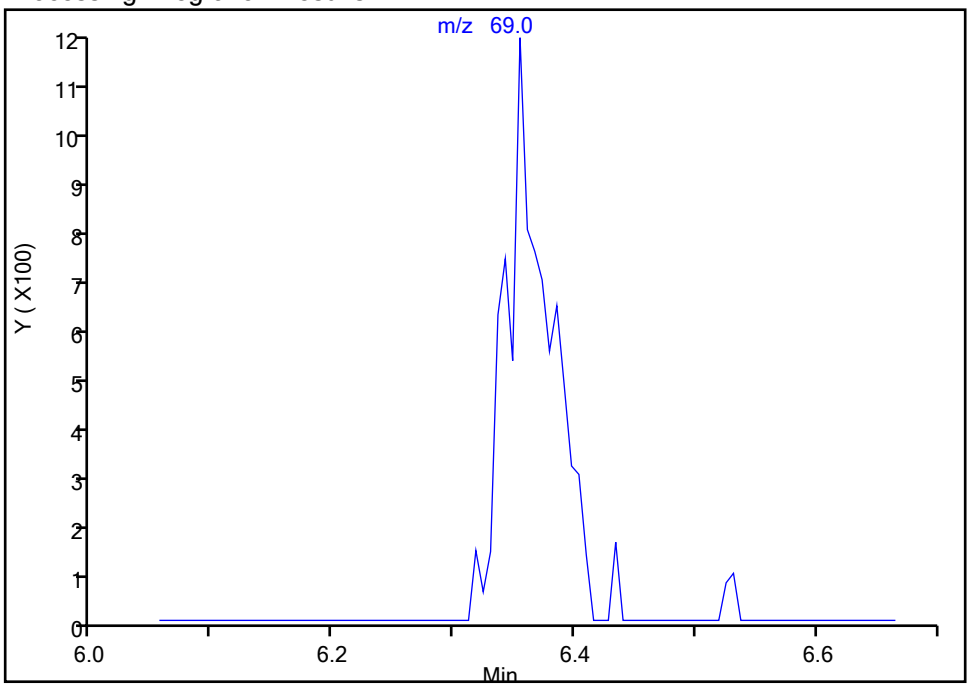
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

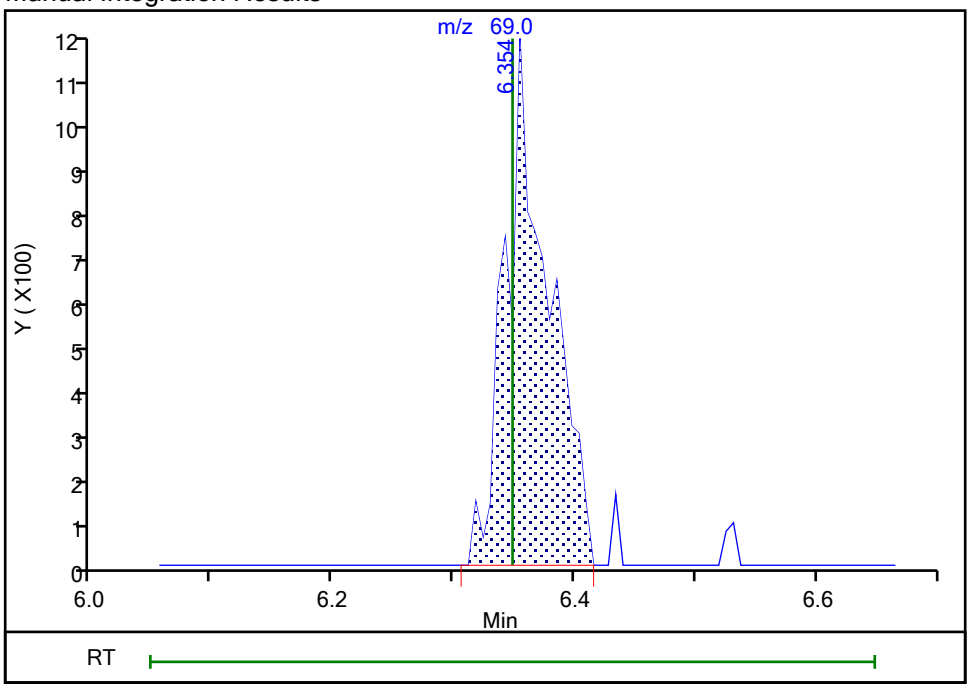
Not Detected
Expected RT: 6.35

Processing Integration Results



Manual Integration Results

RT: 6.35
Area: 2741
Amount: 0.781697
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:49
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

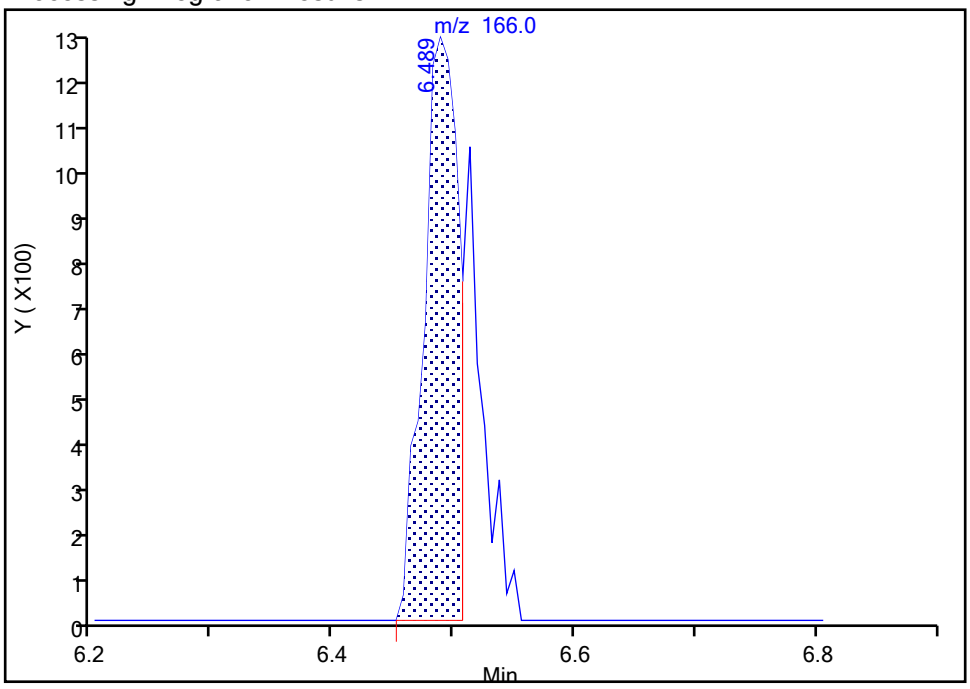
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

Signal: 1

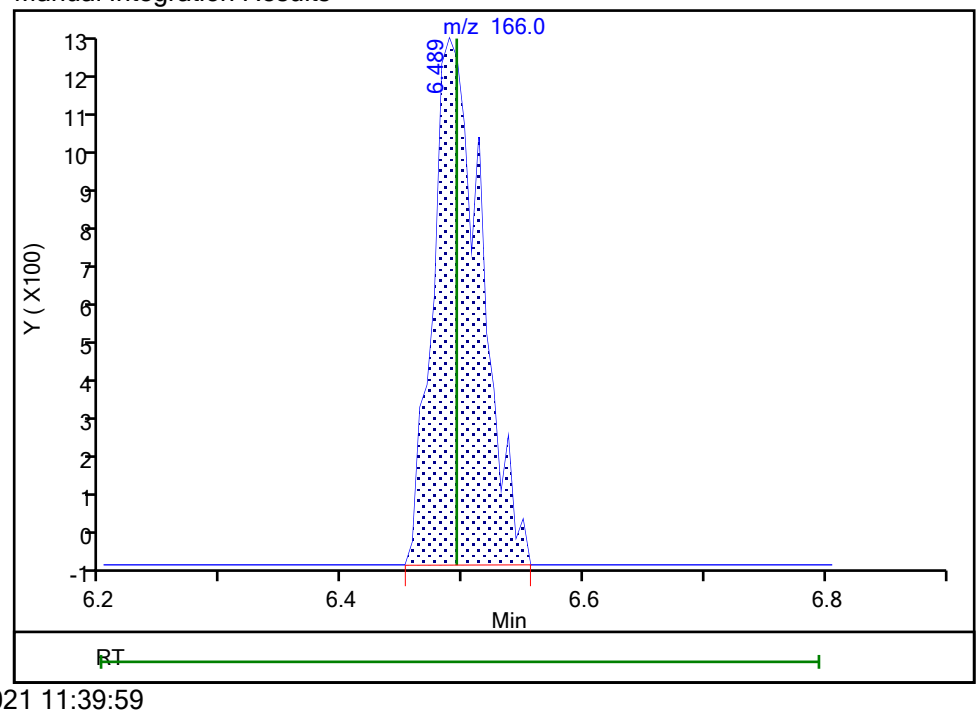
Processing Integration Results

RT: 6.49
Area: 2625
Amount: 0.621731
Amount Units: ug/l



Manual Integration Results

RT: 6.49
Area: 3623
Amount: 0.844043
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:39:59
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

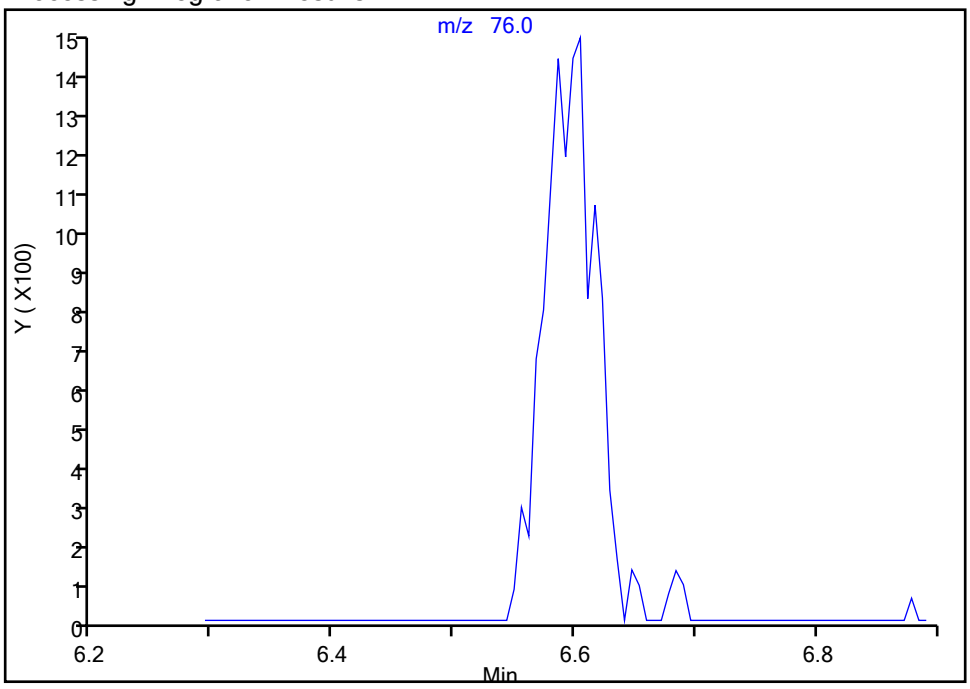
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

86 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

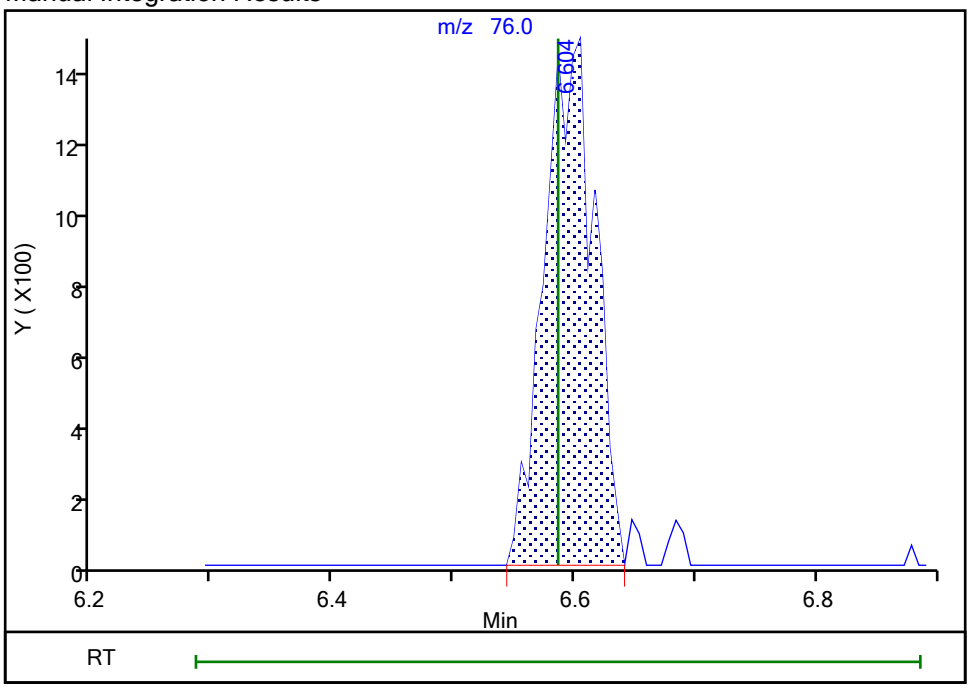
Not Detected
Expected RT: 6.59

Processing Integration Results



Manual Integration Results

RT: 6.60
Area: 4385
Amount: 0.913553
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:40:06
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

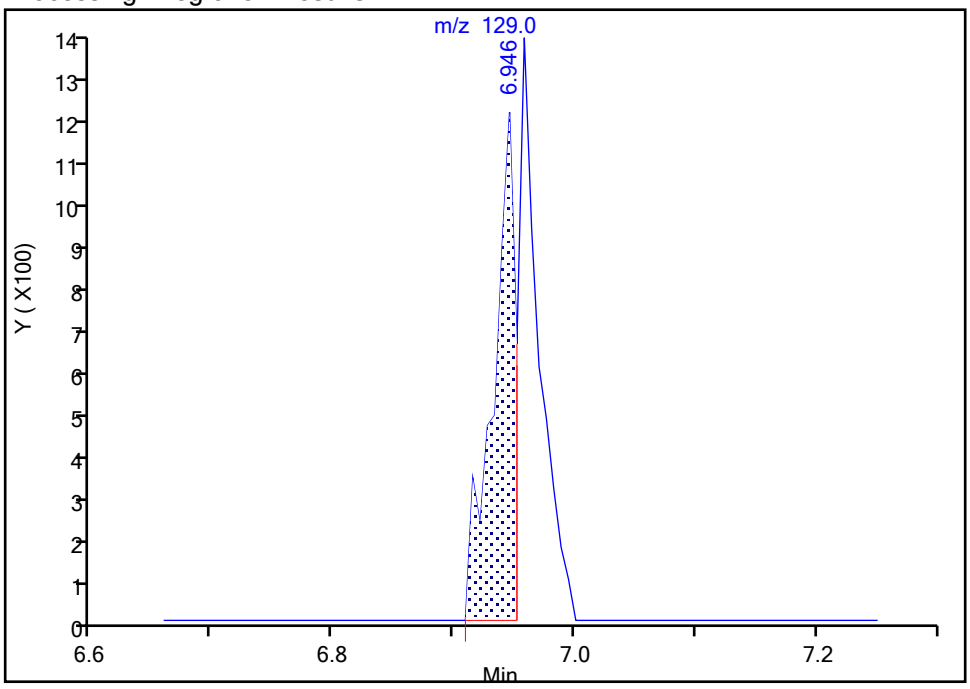
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

88 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

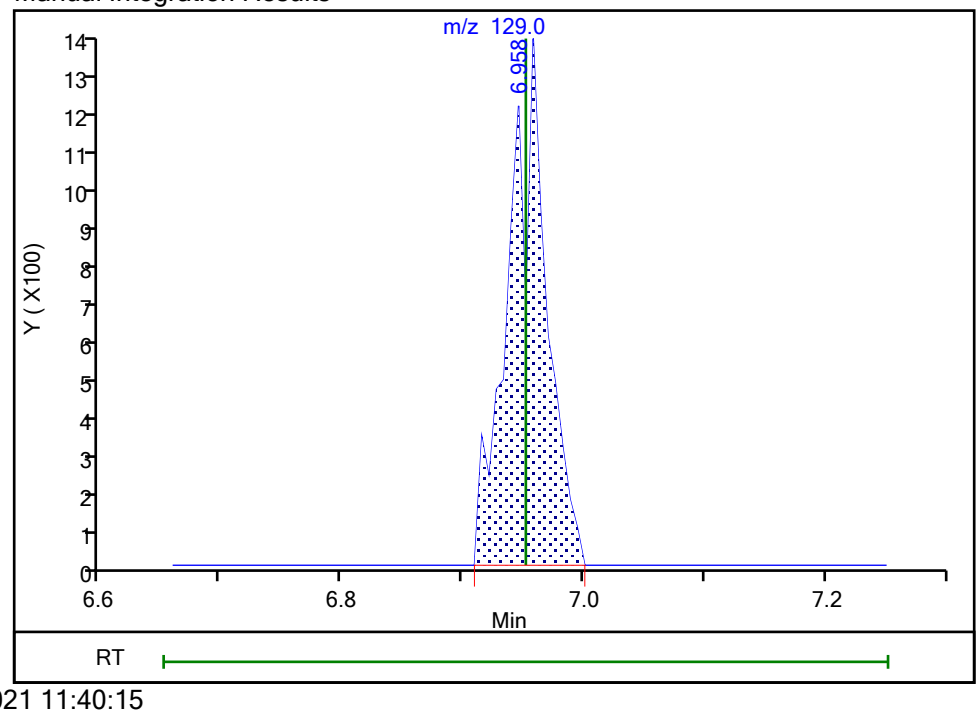
Processing Integration Results

RT: 6.95
Area: 1547
Amount: 0.481931
Amount Units: ug/l



Manual Integration Results

RT: 6.96
Area: 2989
Amount: 0.895058
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:40:15
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

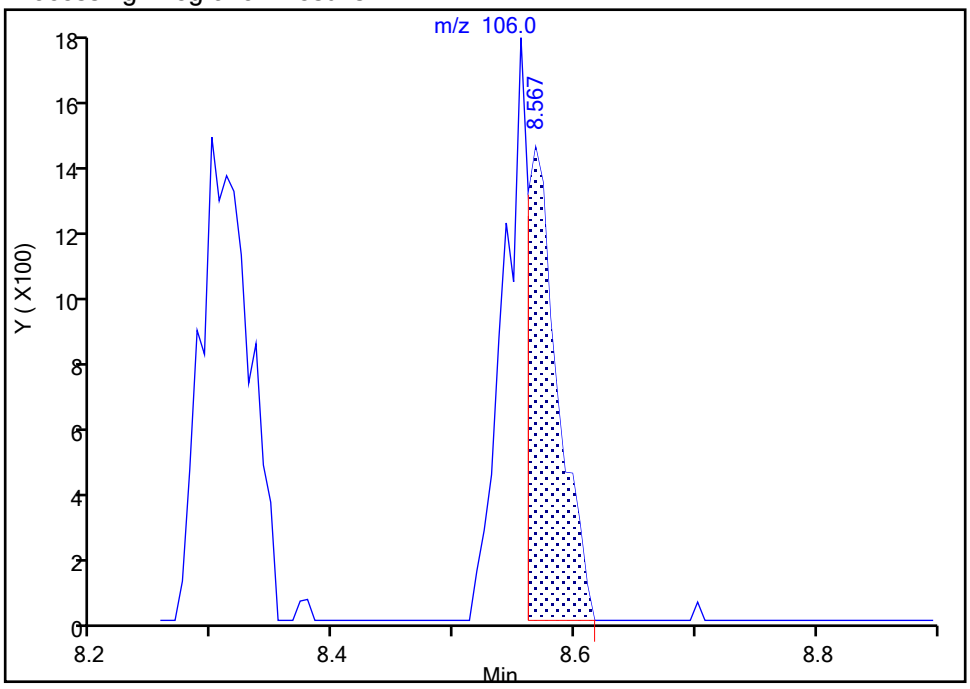
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69793.D
Injection Date: 11-Mar-2021 09:56:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

95 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

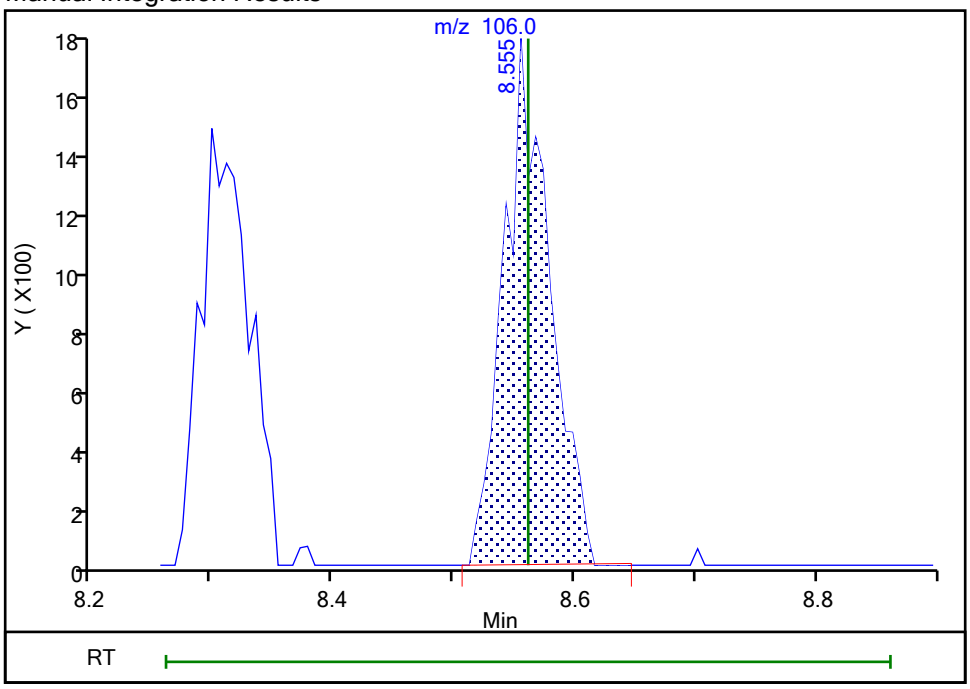
Processing Integration Results

RT: 8.57
Area: 2518
Amount: 0.382921
Amount Units: ug/l



Manual Integration Results

RT: 8.56
Area: 4566
Amount: 0.718694
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:40:31
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 11-Mar-2021 10:21:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0125263-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:00:46 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 11-Mar-2021 11:24:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.691	0.691	0.000	97	46158	NC	NC	
4 Chlorodifluoromethane	67	0.715	0.715	0.000	95	5111	5.00	5.12	a
3 Dichlorodifluoromethane	85	0.709	0.709	0.000	93	41334	5.00	5.61	
5 Chloromethane	50	0.788	0.788	0.000	99	39685	5.00	5.66	
6 Butadiene	54	0.813	0.813	0.000	91	28105	5.00	6.06	
7 Vinyl chloride	62	0.837	0.837	0.000	97	29239	5.00	5.79	M
8 Bromomethane	94	0.965	0.965	0.000	94	21642	5.00	5.62	
9 Chloroethane	64	0.983	0.983	0.000	77	17216	5.00	6.04	
10 Dichlorofluoromethane	67	1.081	1.081	0.000	98	42160	5.00	5.75	
12 Pentane	72	1.105	1.105	0.000	97	7591	10.0	12.7	M
11 Trichlorofluoromethane	101	1.118	1.118	0.000	47	41431	5.00	5.93	Ma
14 Ethanol	46	1.178	1.178	0.000	63	1659	200.0	291.4	M
13 Ethyl ether	59	1.209	1.209	0.000	95	14458	5.00	5.73	
15 2-Methyl-1,3-butadiene	53	1.221	1.221	0.000	93	19520	5.00	5.80	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.246	1.246	0.000	92	21135	5.00	5.56	
18 Acrolein	56	1.270	1.270	0.000	94	58451	200.0	181.0	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.282	1.282	0.000	79	31570	5.00	5.46	a
19 1,1-Dichloroethene	96	1.325	1.325	0.000	97	20264	5.00	5.59	
21 Acetone	43	1.355	1.355	0.000	85	17435	25.0	19.5	
20 112TCTFE	101	1.361	1.361	0.000	96	25092	5.00	6.01	
22 Iodomethane	142	1.404	1.404	0.000	96	42601	5.00	5.64	
23 Carbon disulfide	76	1.428	1.428	0.000	99	72071	5.00	5.54	
24 Isopropyl alcohol	45	1.441	1.441	0.000	25	8855	50.0	53.5	Ma
25 3-Chloro-1-propene	39	1.520	1.520	0.000	93	22299	5.00	4.92	
26 Methyl acetate	43	1.544	1.544	0.000	99	20477	10.0	8.85	
27 Acetonitrile	39	1.556	1.556	0.000	74	11079	50.0	50.9	
28 Methylene Chloride	84	1.587	1.587	0.000	91	21985	5.00	5.58	
* 29 TBA-d9 (IS)	65	1.648	1.648	0.000	0	248275	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.709	1.709	0.000	34	18540	50.0	60.4	a
31 Acrylonitrile	53	1.745	1.745	0.000	86	59032	50.0	54.7	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.758	1.758	0.000	92	22834	5.00	5.68	
33 Methyl tert-butyl ether	73	1.782	1.782	0.000	96	52959	5.00	5.09	
34 Hexane	57	1.941	1.941	0.000	93	32304	5.00	5.66	
35 1,1-Dichloroethane	63	2.032	2.032	0.000	97	38740	5.00	5.52	
36 Vinyl acetate	86	2.075	2.075	0.000	100	5637	10.0	10.3	M
37 2-Chloro-1,3-butadiene	88	2.087	2.087	0.000	92	18892	5.00	5.47	
38 Isopropyl ether	45	2.111	2.111	0.000	96	65781	5.00	5.50	
39 Tert-butyl ethyl ether	87	2.373	2.373	0.000	91	22577	5.00	5.26	
* 40 2-Butanone-d5	46	2.440	2.440	0.000	0	290332	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	95	22344	5.00	5.32	
42 2,2-Dichloropropane	79	2.471	2.471	0.000	67	10552	5.00	5.53	a
43 2-Butanone (MEK)	72	2.483	2.483	0.000	48	10403	25.0	25.6	
44 Propionitrile	54	2.532	2.532	0.000	1	15503	50.0	40.2	
45 Ethyl acetate	70	2.550	2.550	0.000	84	3335	10.0	12.1	M
62 Methyl acrylate	55	2.587	2.587	0.000	30	18135	5.00	5.23	
46 Chlorobromomethane	128	2.654	2.654	0.000	55	11832	5.00	5.44	
47 Methacrylonitrile	67	2.660	2.660	0.000	92	63864	50.0	51.7	
48 Tetrahydrofuran	72	2.690	2.690	0.000	31	4493	10.0	10.0	
49 Chloroform	83	2.739	2.739	0.000	99	36628	5.00	5.36	
$ 50 Dibromofluoromethane (Surr)	113	2.885	2.885	0.000	98	167189	50.0	48.4	
51 1,1,1-Trichloroethane	97	2.892	2.892	0.000	45	33372	5.00	5.29	
52 Cyclohexane	84	2.934	2.934	0.000	93	33540	5.00	5.46	
54 1,1-Dichloropropene	75	3.038	3.038	0.000	94	28884	5.00	5.50	
53 Carbon tetrachloride	117	3.038	3.038	0.000	93	30492	5.00	5.45	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.184	3.184	0.000	0	174600	50.0	49.0	
56 Benzene	78	3.227	3.227	0.000	94	78429	5.00	5.44	
57 1,2-Dichloroethane	62	3.251	3.251	0.000	81	24953	5.00	5.22	
58 Isobutyl alcohol	42	3.367	3.367	0.000	34	7925	125.0	125.9	Ma
59 Tert-amyl methyl ether	73	3.385	3.385	0.000	92	53501	5.00	4.68	a
73 Isopropyl acetate	43	3.391	3.391	0.000	83	76665	5.00	5.30	a
* 60 Fluorobenzene	96	3.526	3.526	0.000	99	607466	50.0	50.0	
61 n-Heptane	43	3.574	3.574	0.000	93	39142	5.00	5.65	a
63 Trichloroethene	95	3.934	3.934	0.000	97	20533	5.00	5.22	
64 n-Butanol	43	4.129	4.129	0.000	44	3892	125.0	202.2	M
65 Methylcyclohexane	83	4.141	4.141	0.000	94	36524	5.00	5.11	
66 Ethyl acrylate	55	4.147	4.147	0.000	91	48500	5.00	5.20	
67 1,2-Dichloropropane	63	4.190	4.190	0.000	92	18933	5.00	4.96	
68 Dibromomethane	93	4.330	4.330	0.000	46	10969	5.00	4.92	
* 69 1,4-Dioxane-d8	96	4.355	4.355	0.000	0	19113	1000.0	1000.0	M
70 1,4-Dioxane	88	4.440	4.440	0.000	26	2102	100.0	94.5	a
71 Methyl methacrylate	100	4.434	4.434	0.000	95	7855	10.0	10.1	
72 Dichlorobromomethane	83	4.568	4.568	0.000	99	24970	5.00	5.12	
81 n-Propyl acetate	43	4.562	4.562	0.000	62	18773	5.00	4.37	
74 2-Nitropropane	41	4.903	4.903	0.000	77	6290	10.0	8.89	a
75 2-Chloroethyl vinyl ether	63	5.056	5.056	0.000	31	822	5.01	2.97	Ma
76 Epichlorohydrin	57	5.111	5.111	0.000	97	12726	100.0	74.6	Ma
77 cis-1,3-Dichloropropene	75	5.196	5.196	0.000	92	25214	5.00	4.80	
78 4-Methyl-2-pentanone (MIBK)	43	5.495	5.495	0.000	95	81799	25.0	24.4	a
$ 79 Toluene-d8 (Surr)	98	5.556	5.556	0.000	99	596595	50.0	48.2	
80 Toluene	91	5.647	5.647	0.000	94	80392	5.00	5.18	
82 trans-1,3-Dichloropropene	75	6.074	6.074	0.000	91	22851	5.00	4.97	
83 1,1,2-Trichloroethane	83	6.342	6.342	0.000	92	12341	5.00	5.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.360	6.360	0.000	92	15923	5.00	4.15	
85 Tetrachloroethene	166	6.495	6.495	0.000	98	23580	5.00	5.32	
86 1,3-Dichloropropane	76	6.592	6.592	0.000	97	24704	5.00	4.99	
87 2-Hexanone	43	6.879	6.879	0.000	98	49071	25.0	22.4	
88 Chlorodibromomethane	129	6.946	6.946	0.000	96	16025	5.00	4.65	
89 Ethylene Dibromide	107	7.061	7.061	0.000	97	14675	5.00	4.94	
90 n-Butyl acetate	73	7.214	7.214	0.000	99	3772	5.00	5.11	
* 91 Chlorobenzene-d5	117	7.958	7.958	0.000	85	465792	50.0	50.0	
92 Chlorobenzene	112	8.006	8.006	0.000	97	51729	5.00	5.17	
93 1,1,1,2-Tetrachloroethane	131	8.226	8.226	0.000	94	18122	5.00	4.77	
94 Ethylbenzene	106	8.311	8.311	0.000	98	27947	5.00	5.09	
95 m-Xylene & p-Xylene	106	8.555	8.555	0.000	98	33080	5.00	5.04	
96 o-Xylene	106	9.281	9.281	0.000	94	31461	5.00	4.81	
97 Styrene	104	9.323	9.323	0.000	95	49798	5.00	4.59	
98 n-Butyl acrylate	73	9.512	9.512	0.000	97	9003	5.00	4.29	
99 Bromoform	173	9.573	9.573	0.000	94	11309	5.00	4.51	
101 Amyl acetate (mixed isomers)	43	9.982	9.982	0.000	94	20471	5.00	4.12	
102 Isopropylbenzene	105	10.018	10.018	0.000	96	87887	5.00	4.94	
$ 103 4-Bromofluorobenzene	174	10.225	10.225	0.000	94	208278	50.0	48.6	
104 Bromobenzene	156	10.396	10.396	0.000	95	23375	5.00	5.13	
105 1,2,3-Trichloropropane	110	10.616	10.616	0.000	87	6183	5.00	5.18	
106 1,1,2,2-Tetrachloroethane	83	10.628	10.628	0.000	95	21472	5.00	5.30	
107 trans-1,4-Dichloro-2-butene	53	10.731	10.731	0.000	82	4587	5.00	4.74	
108 N-Propylbenzene	120	10.756	10.756	0.000	99	25882	5.00	5.18	
109 2-Chlorotoluene	126	10.799	10.799	0.000	97	21952	5.00	4.98	
110 4-Ethyltoluene	105	10.975	10.975	0.000	99	85897	5.00	5.02	
111 4-Chlorotoluene	91	11.012	11.012	0.000	98	75671	5.00	5.13	
112 1,3,5-Trimethylbenzene	105	11.109	11.109	0.000	92	73603	5.00	4.94	
100 Butyl Methacrylate	87	11.475	11.475	0.000	98	15227	5.00	3.45	
113 tert-Butylbenzene	119	11.634	11.634	0.000	93	57211	5.00	4.75	
114 1,2,4-Trimethylbenzene	105	11.731	11.731	0.000	97	73637	5.00	4.84	
115 sec-Butylbenzene	105	12.048	12.048	0.000	99	96325	5.00	4.92	
116 1,3-Dichlorobenzene	146	12.128	12.128	0.000	97	47510	5.00	5.20	
* 117 1,4-Dichlorobenzene-d4	152	12.286	12.286	0.000	96	275701	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.323	12.323	0.000	95	48689	5.00	5.26	
119 4-Isopropyltoluene	119	12.402	12.402	0.000	98	85073	5.00	4.97	
120 1,2,3-Trimethylbenzene	105	12.512	12.512	0.000	99	76600	5.00	4.91	
121 Benzyl chloride	126	12.670	12.670	0.000	98	3671	5.00	3.04	
122 2,3-Dihydroindene	117	12.804	12.804	0.000	93	75374	5.00	4.74	
123 1,2-Dichlorobenzene	146	12.944	12.944	0.000	97	45221	5.00	5.10	
124 p-Diethylbenzene	119	13.042	13.042	0.000	94	45358	5.00	4.94	
125 n-Butylbenzene	92	13.066	13.066	0.000	98	49579	5.00	5.11	
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	90	4124	5.00	4.71	
127 1,2,4,5-Tetramethylbenzene	119	13.780	13.780	0.000	98	73854	5.00	4.64	
128 1,3,5-Trichlorobenzene	180	13.920	13.920	0.000	97	41620	5.00	5.23	
129 1,2,4-Trichlorobenzene	180	14.359	14.359	0.000	93	35334	5.00	4.87	
130 Hexachlorobutadiene	225	14.499	14.499	0.000	94	20840	5.00	5.10	
131 Naphthalene	128	14.505	14.505	0.000	99	62192	5.00	4.32	
132 1,2,3-Trichlorobenzene	180	14.664	14.664	0.000	96	34770	5.00	5.00	
S 133 1,2-Dichloroethene, Total	100				0		10.0	11.0	
S 134 1,3-Dichloropropene, Total	100				0		10.0	9.77	
S 135 Xylenes, Total	100				0		10.0	9.85	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		25.0	25.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00120	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00133	Amount Added:	0.50	Units: uL	
524freon_00034	Amount Added:	0.50	Units: uL	
GASES Li_00411	Amount Added:	0.50	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:00:53 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D

Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2 Operator ID:

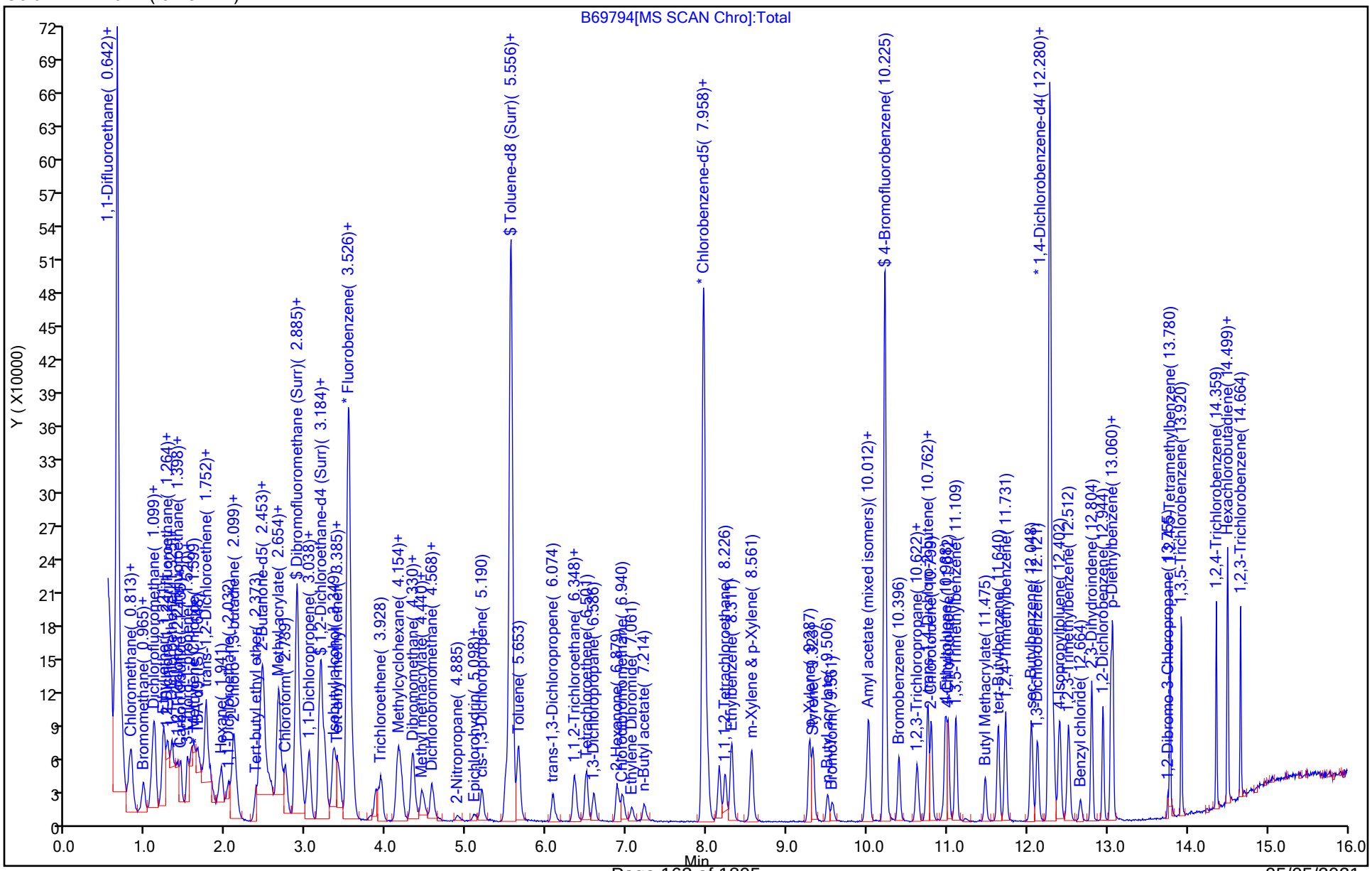
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

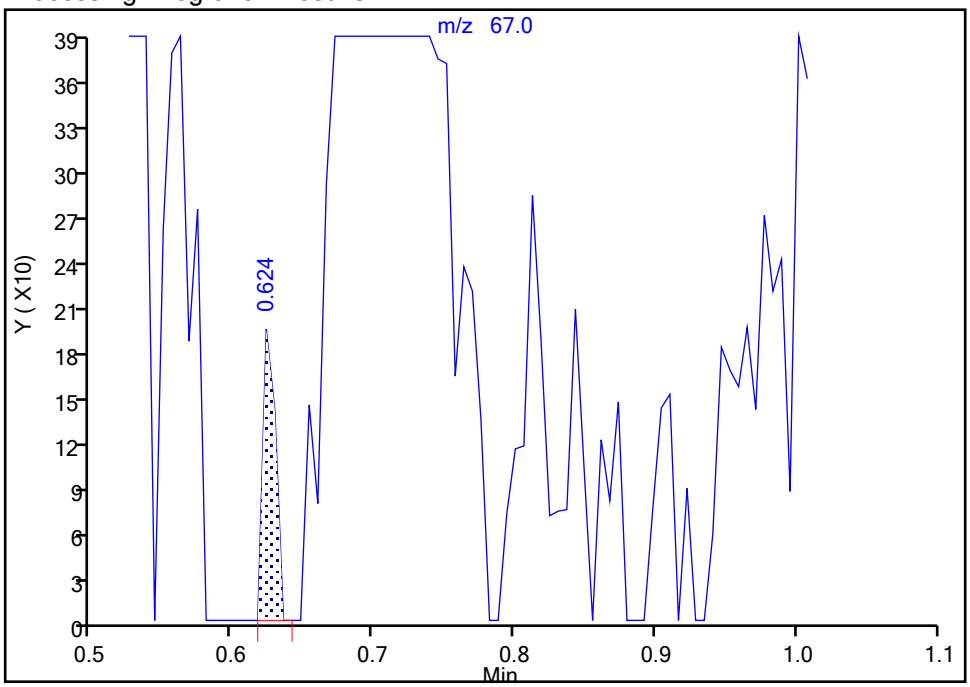
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

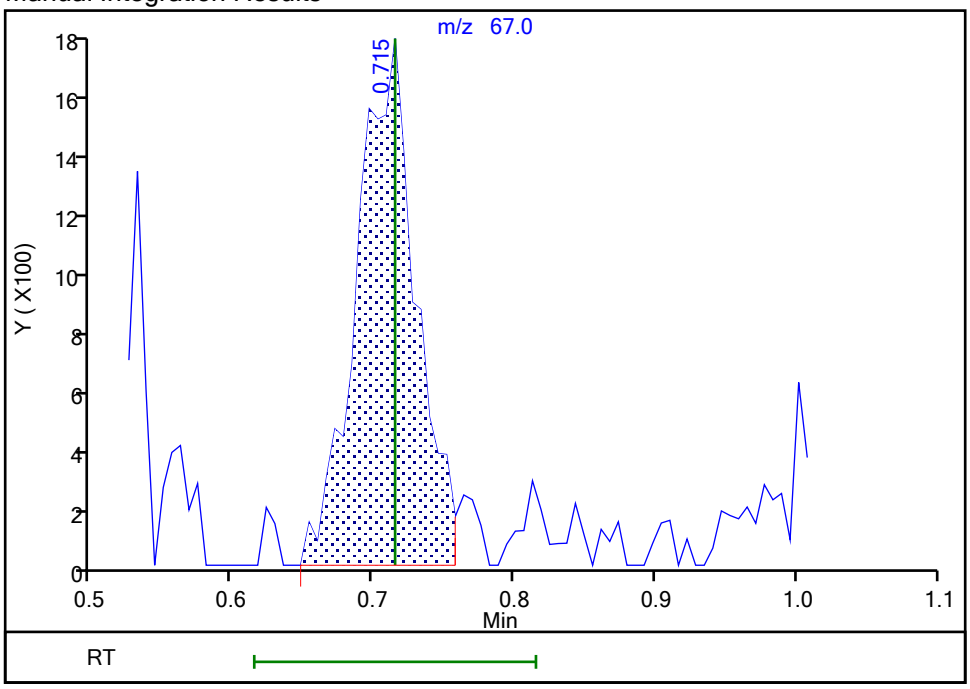
Processing Integration Results

RT: 0.62
Area: 121
Amount: 5.000000
Amount Units: ug/l



Manual Integration Results

RT: 0.72
Area: 5111
Amount: 5.123165
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:17:15
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

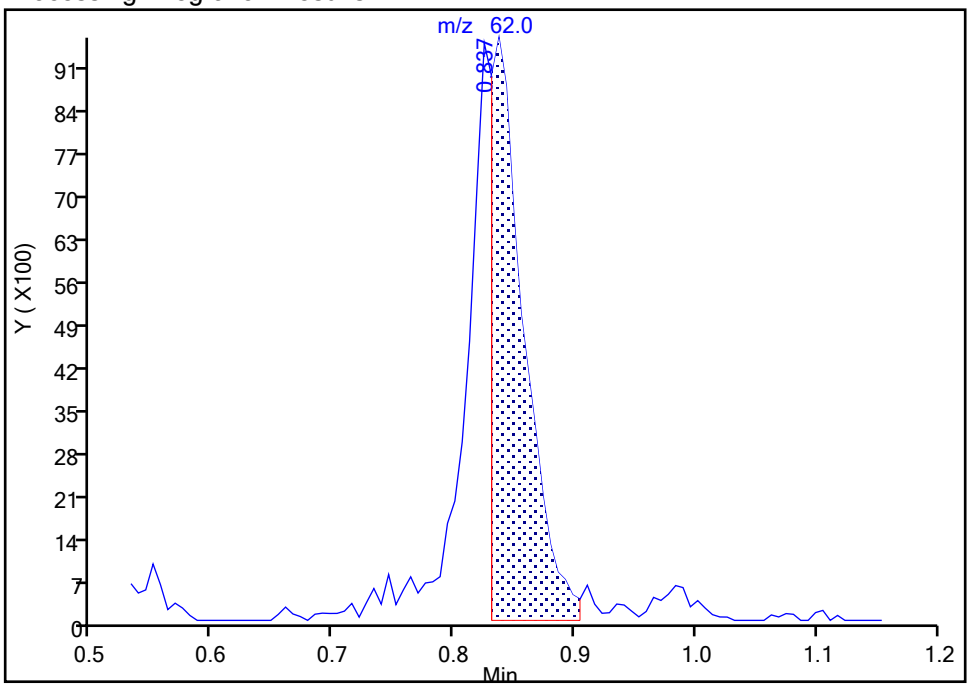
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

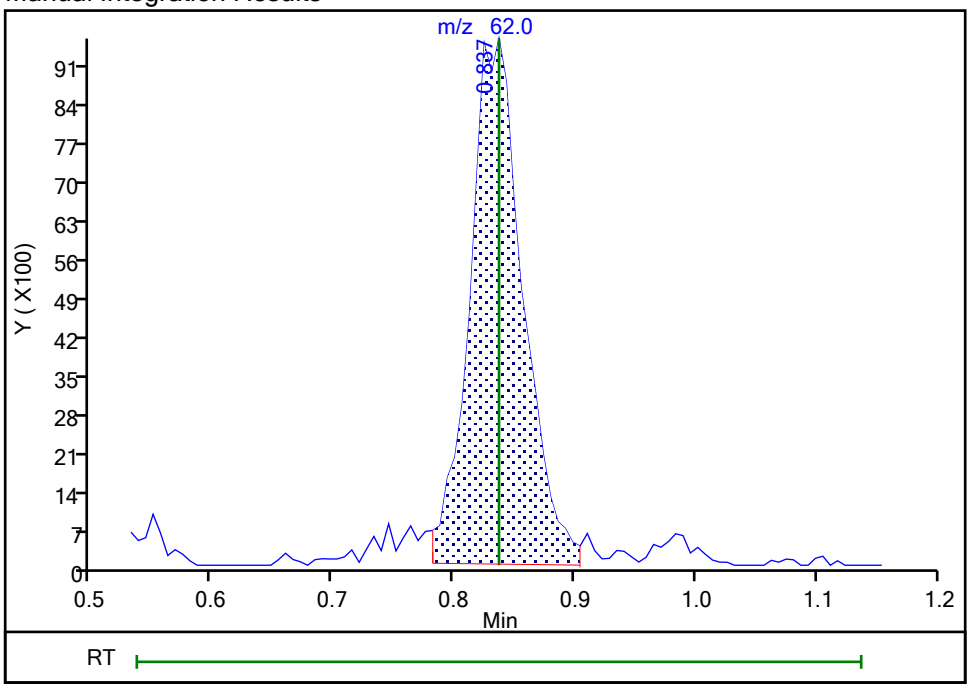
Processing Integration Results

RT: 0.84
Area: 18826
Amount: 5.012504
Amount Units: ug/l



Manual Integration Results

RT: 0.84
Area: 29239
Amount: 5.790686
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:17:41
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

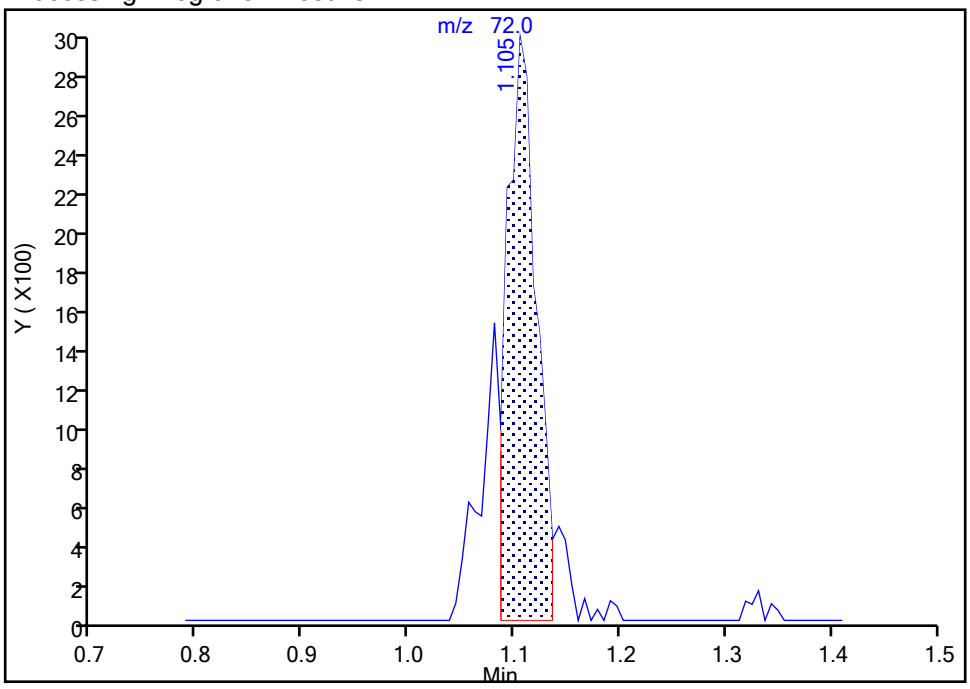
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Pentane, CAS: 109-66-0

Signal: 1

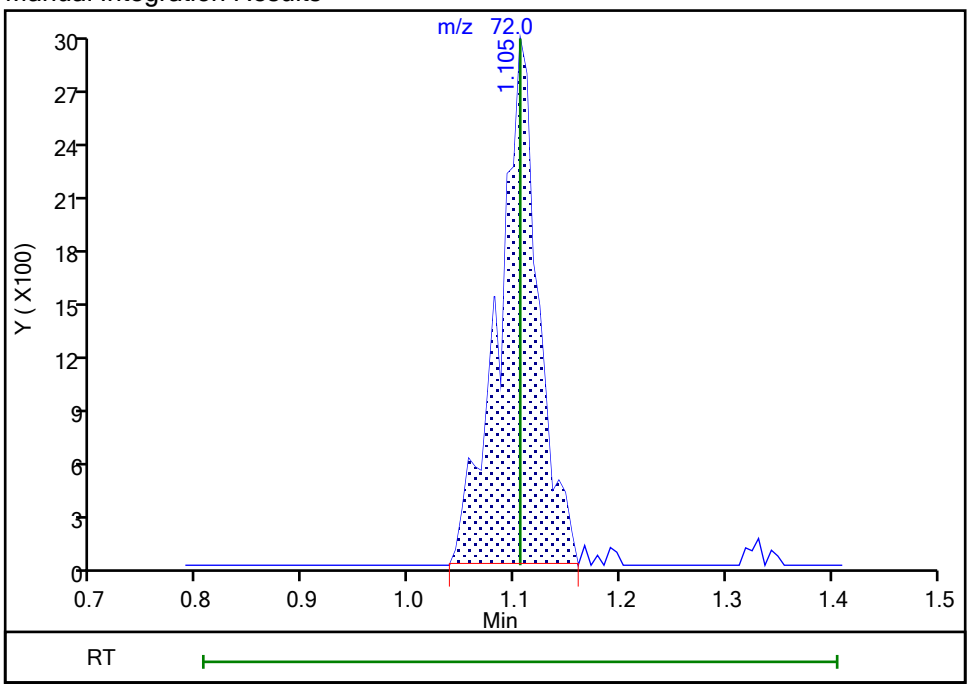
Processing Integration Results

RT: 1.11
Area: 5637
Amount: 10.313331
Amount Units: ug/l



Manual Integration Results

RT: 1.11
Area: 7591
Amount: 12.699132
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:17:57
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

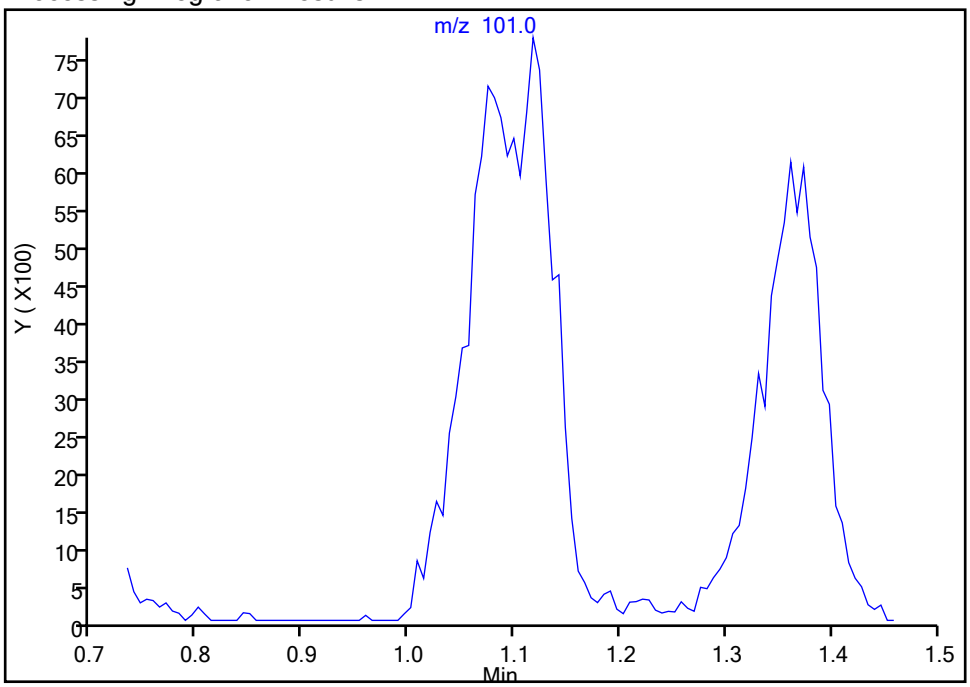
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

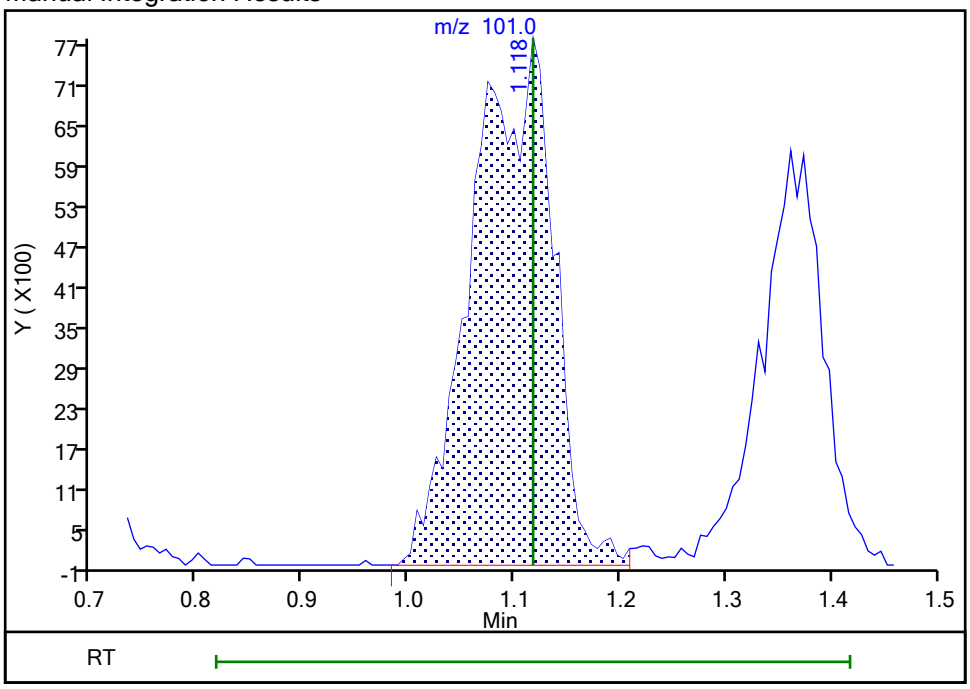
Not Detected
Expected RT: 1.12

Processing Integration Results



Manual Integration Results

RT: 1.12
Area: 41431
Amount: 5.934640
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:18:55
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

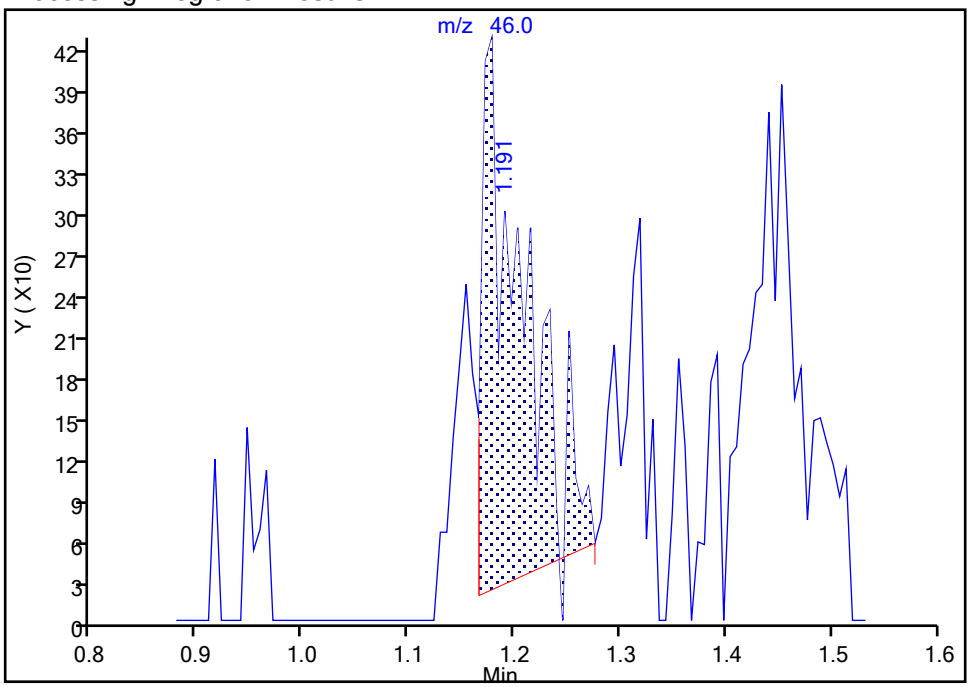
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

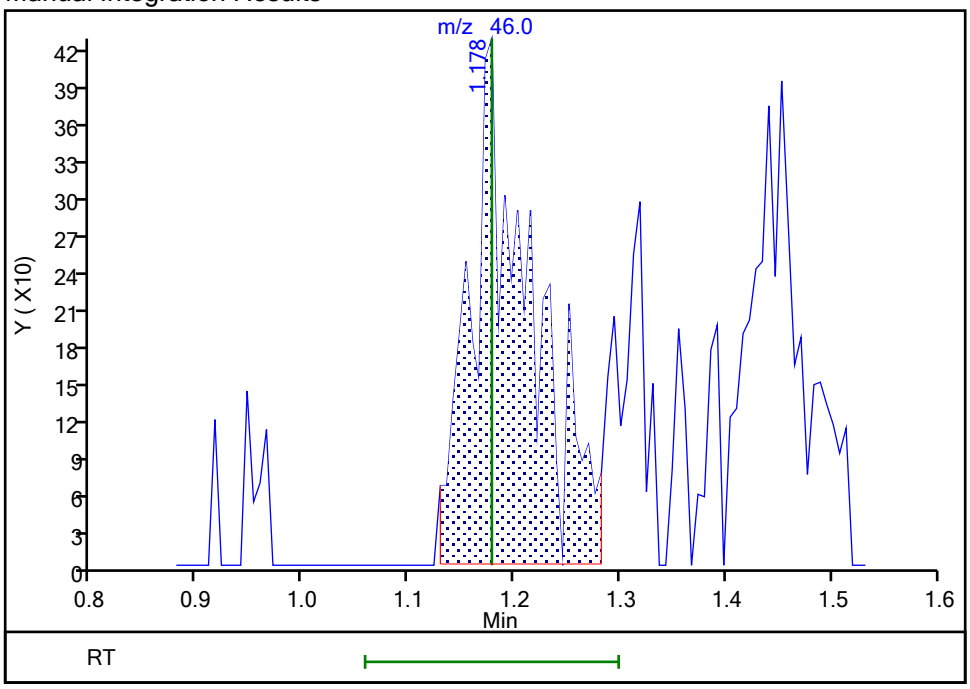
Processing Integration Results

RT: 1.19
Area: 1066
Amount: 60.798148
Amount Units: ug/l



Manual Integration Results

RT: 1.18
Area: 1659
Amount: 291.3582
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:18:07
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

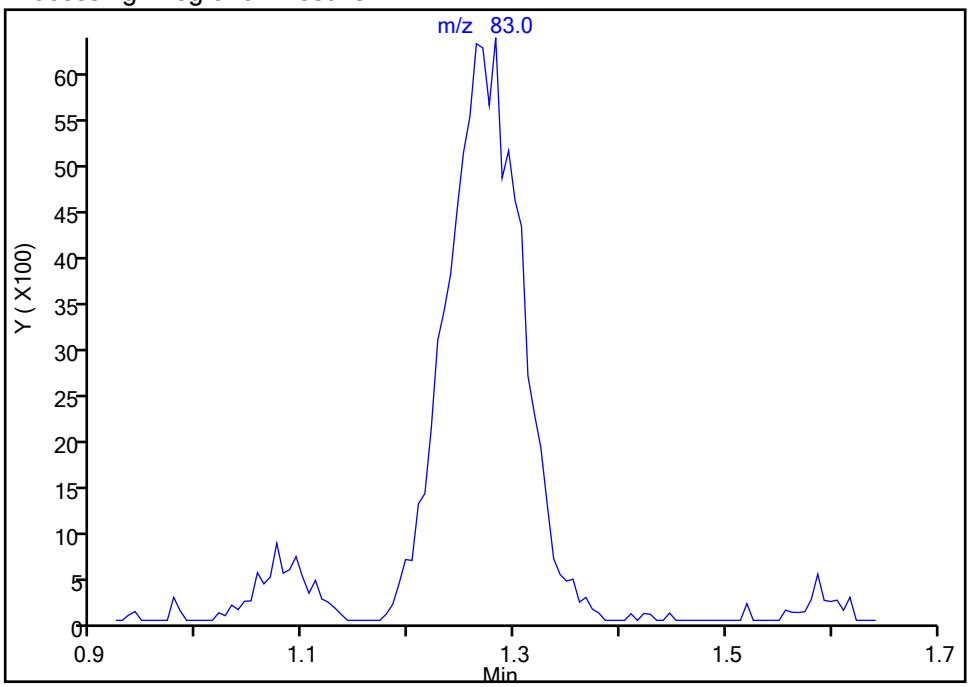
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

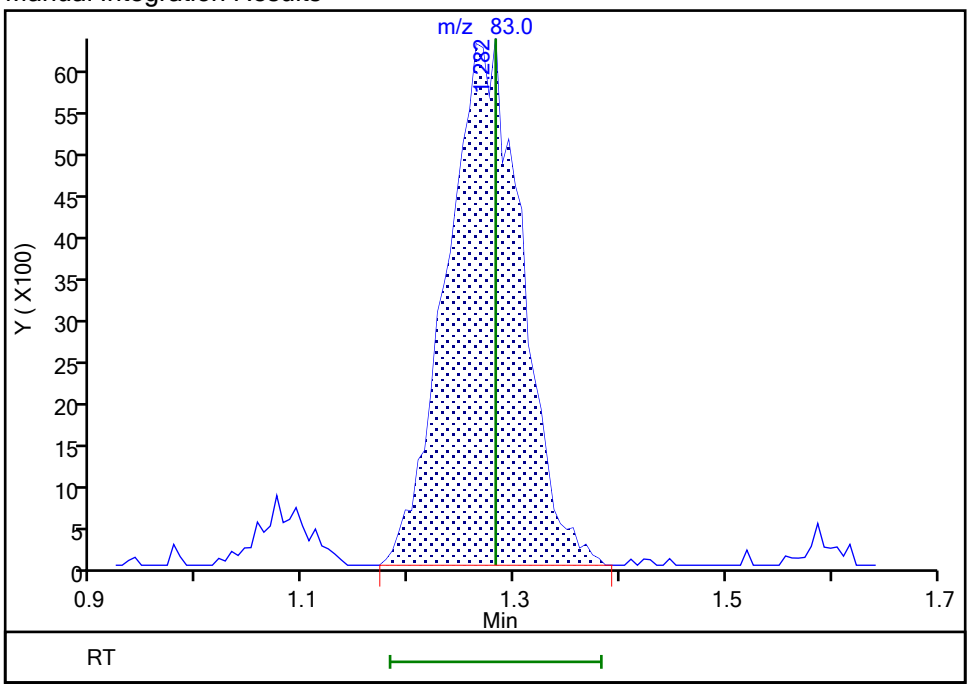
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 31570
Amount: 5.456387
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:18:19
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

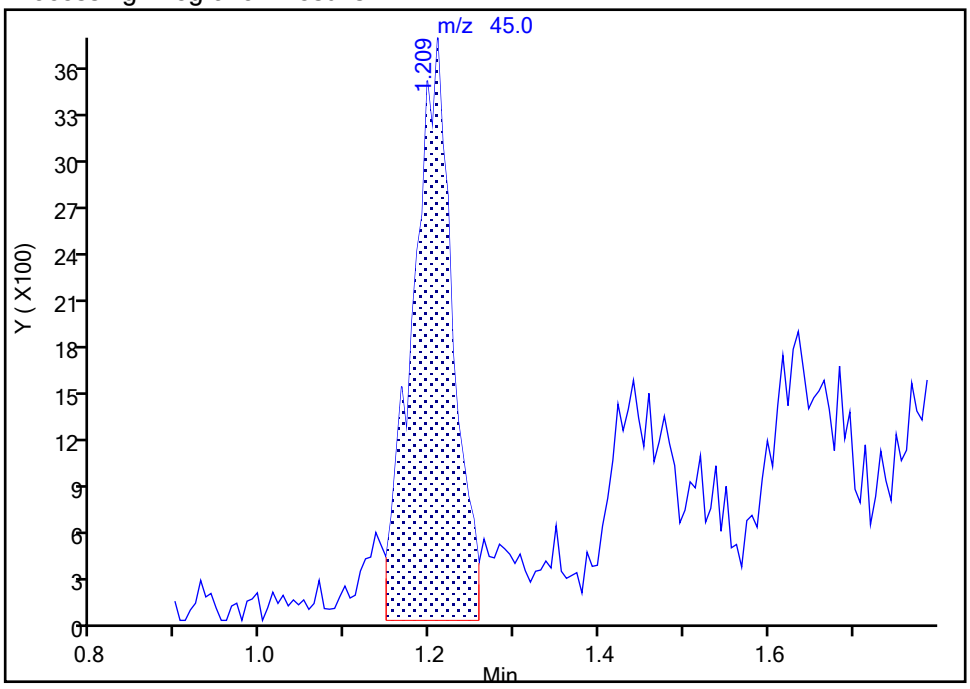
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

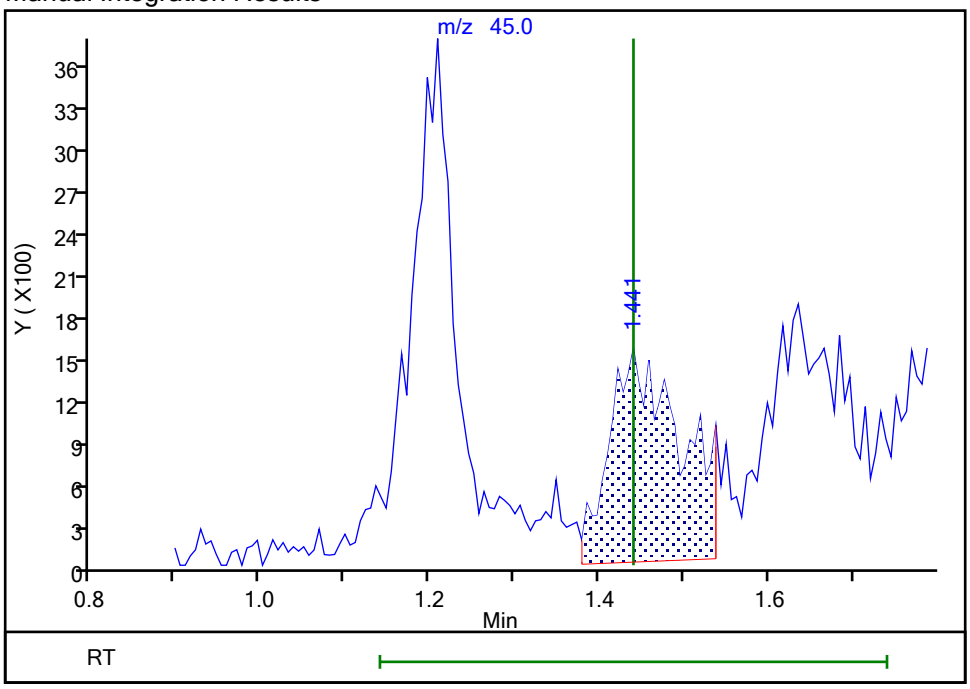
Processing Integration Results

RT: 1.21
Area: 12217
Amount: 47.409235
Amount Units: ug/l



Manual Integration Results

RT: 1.44
Area: 8855
Amount: 53.483848
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:19:13
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

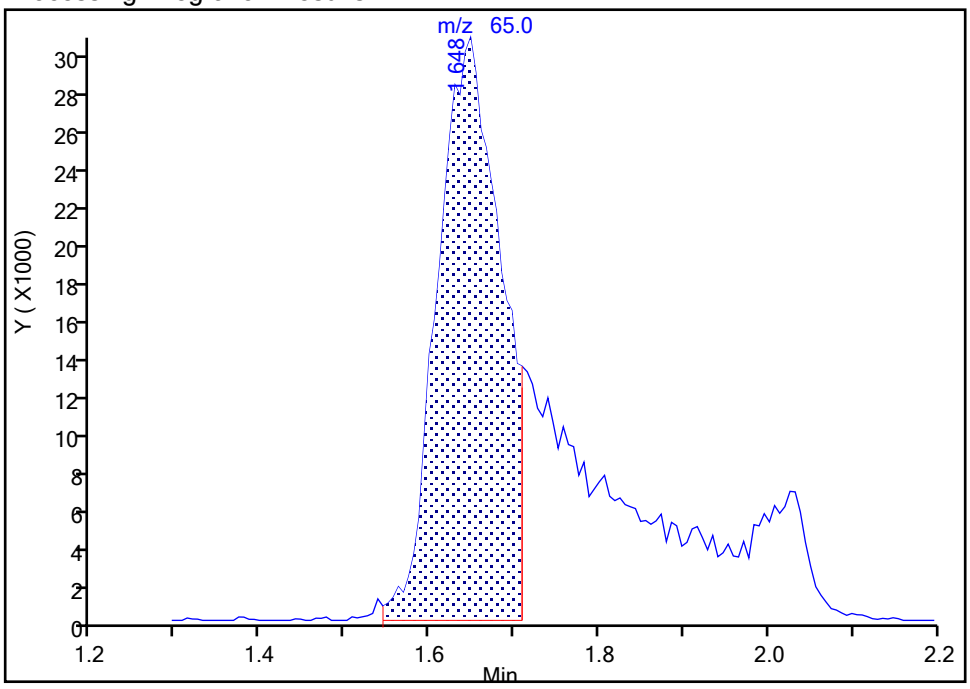
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

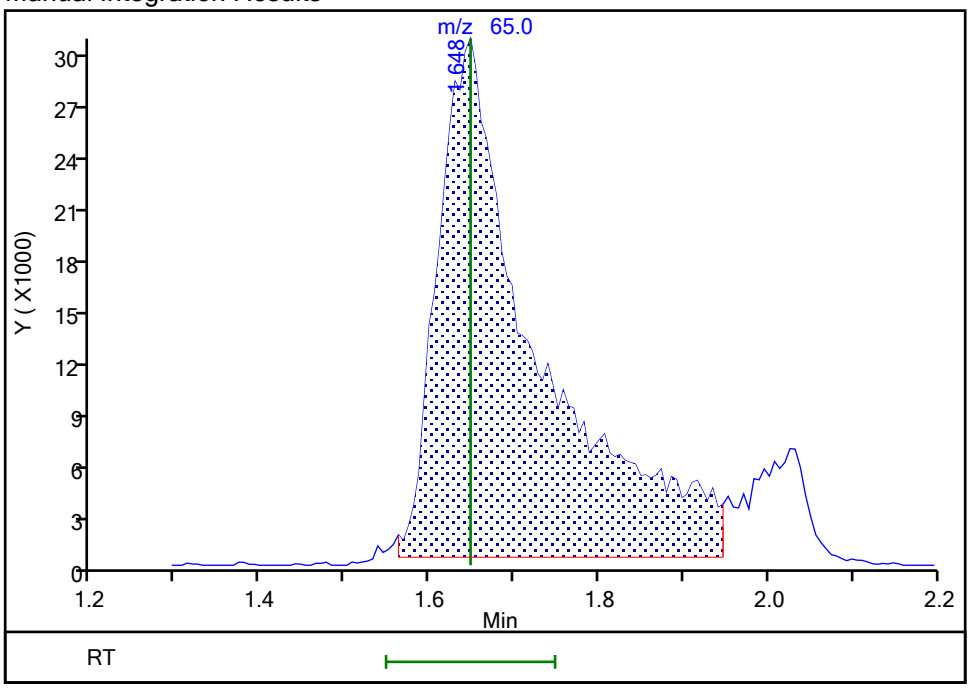
Processing Integration Results

RT: 1.65
Area: 162356
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 248275
Amount: 1000.0000
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:46:34
Audit Action: Manually Integrated Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

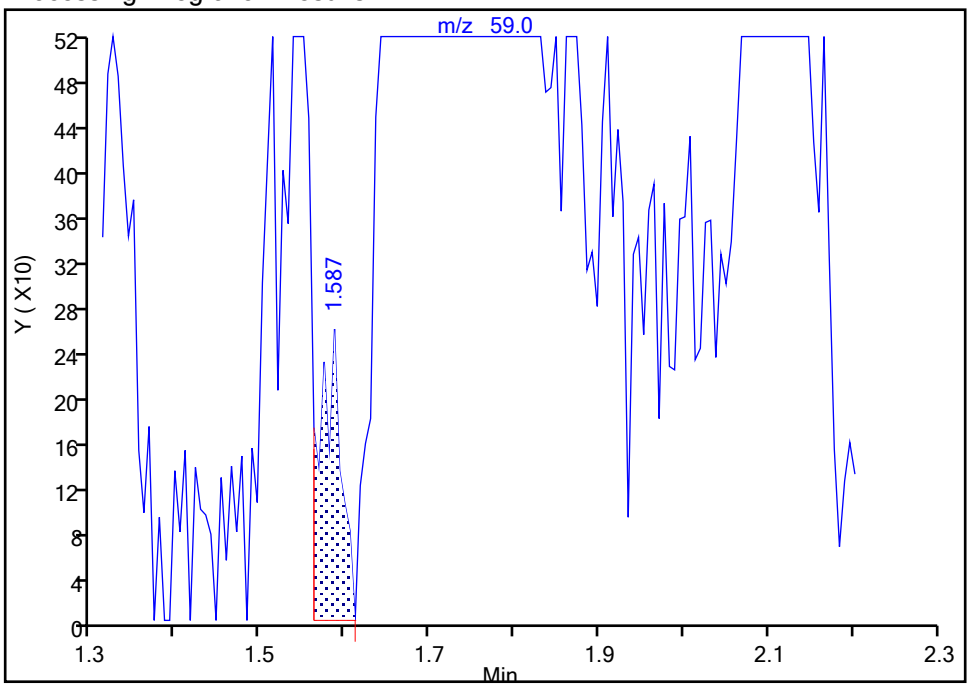
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

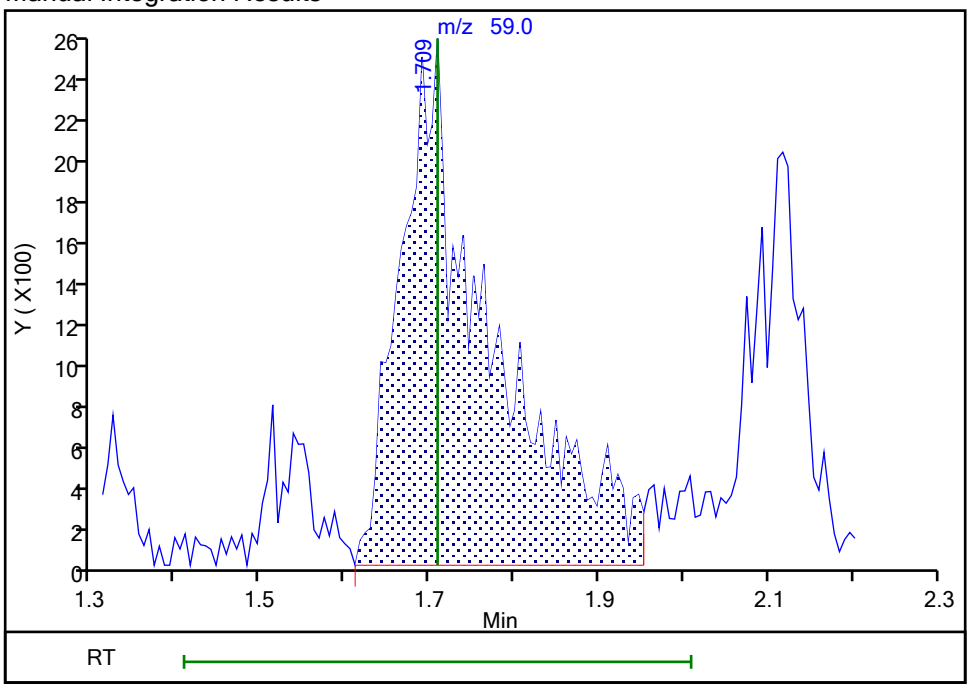
Processing Integration Results

RT: 1.59
Area: 454
Amount: 48.241985
Amount Units: ug/l



Manual Integration Results

RT: 1.71
Area: 18540
Amount: 60.399969
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:19:31
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

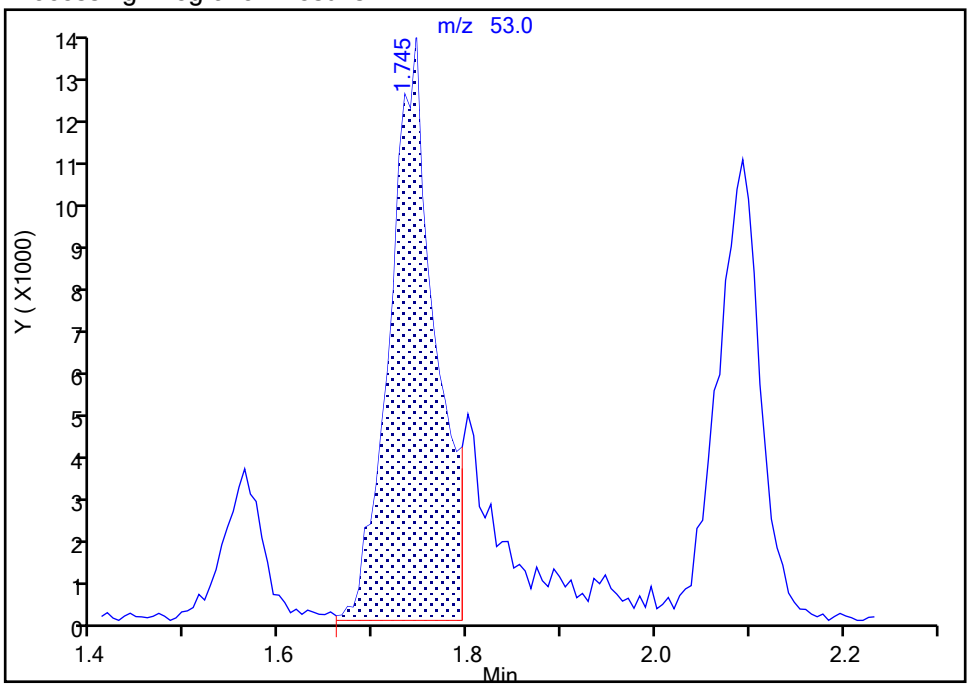
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

31 Acrylonitrile, CAS: 107-13-1

Signal: 1

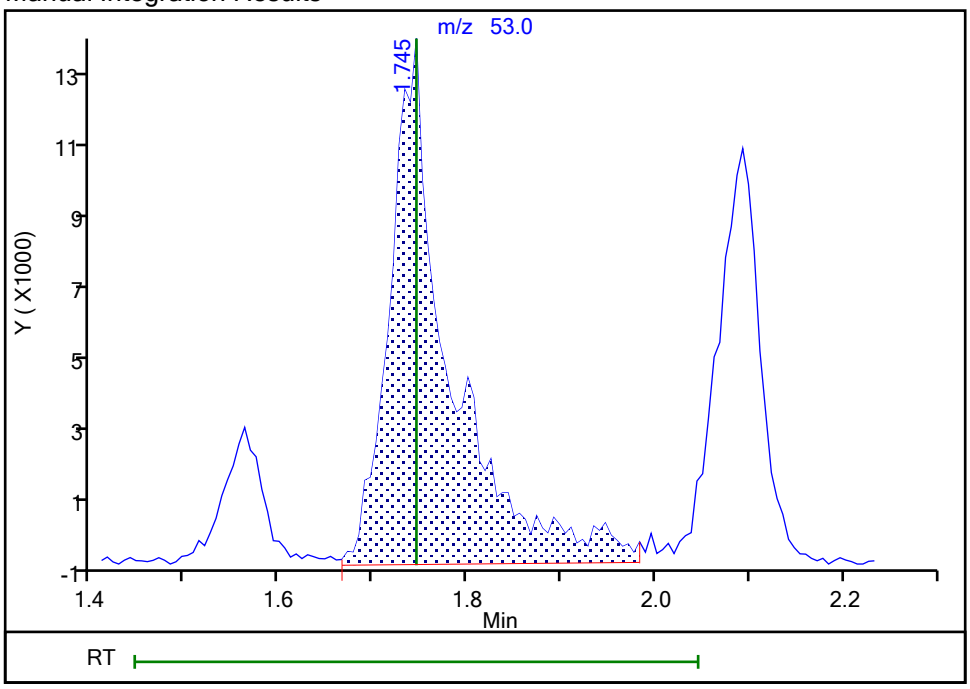
Processing Integration Results

RT: 1.75
Area: 44397
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.75
Area: 59032
Amount: 54.651091
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:19:56
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

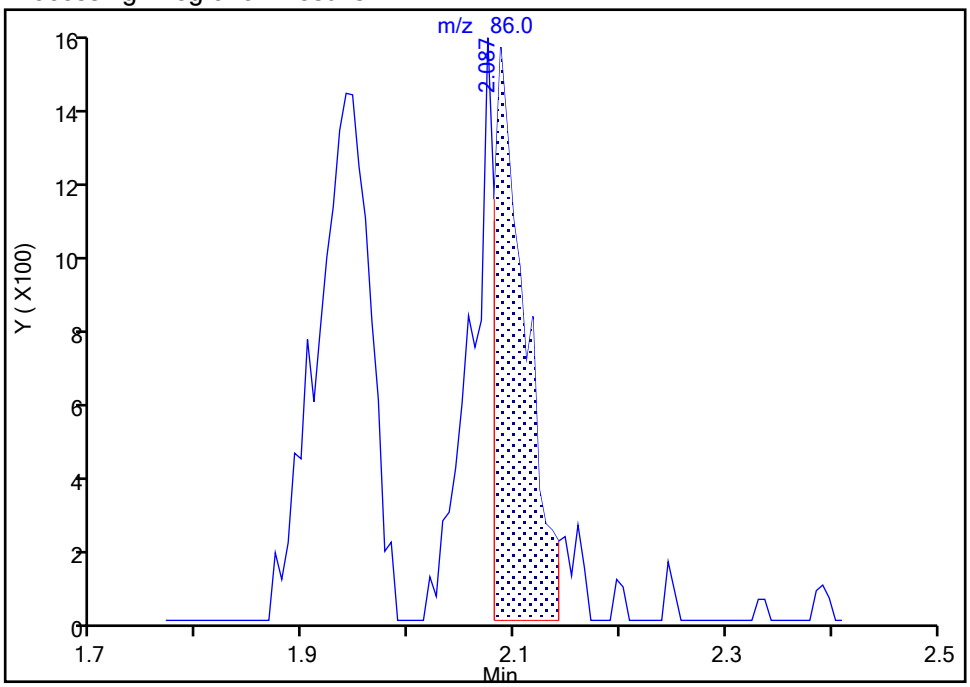
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

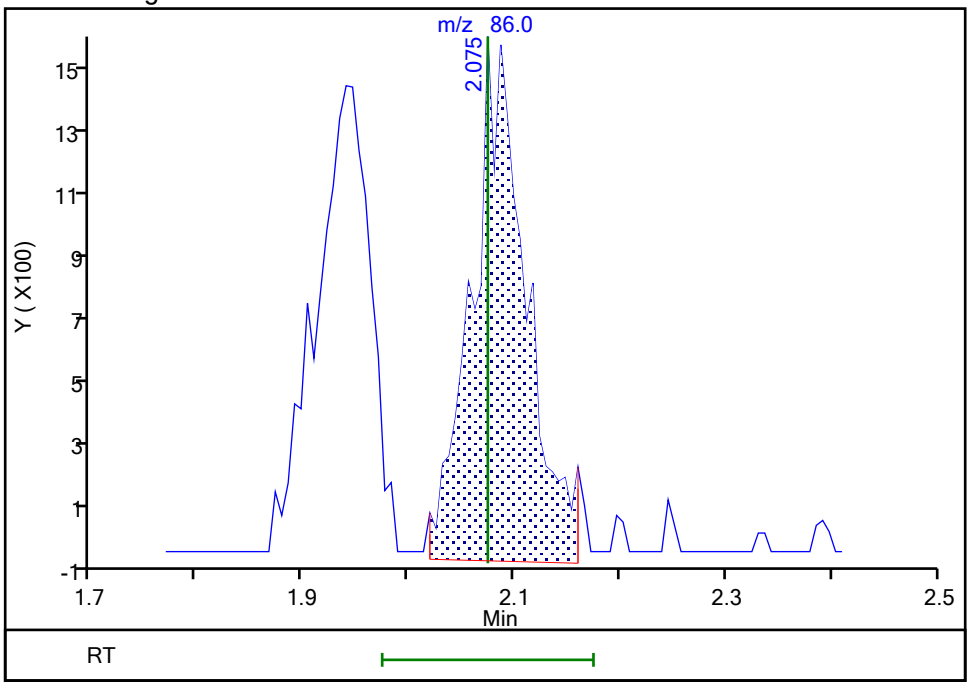
Processing Integration Results

RT: 2.09
Area: 3115
Amount: 9.701404
Amount Units: ug/l



Manual Integration Results

RT: 2.07
Area: 5637
Amount: 10.333629
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:20:13
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

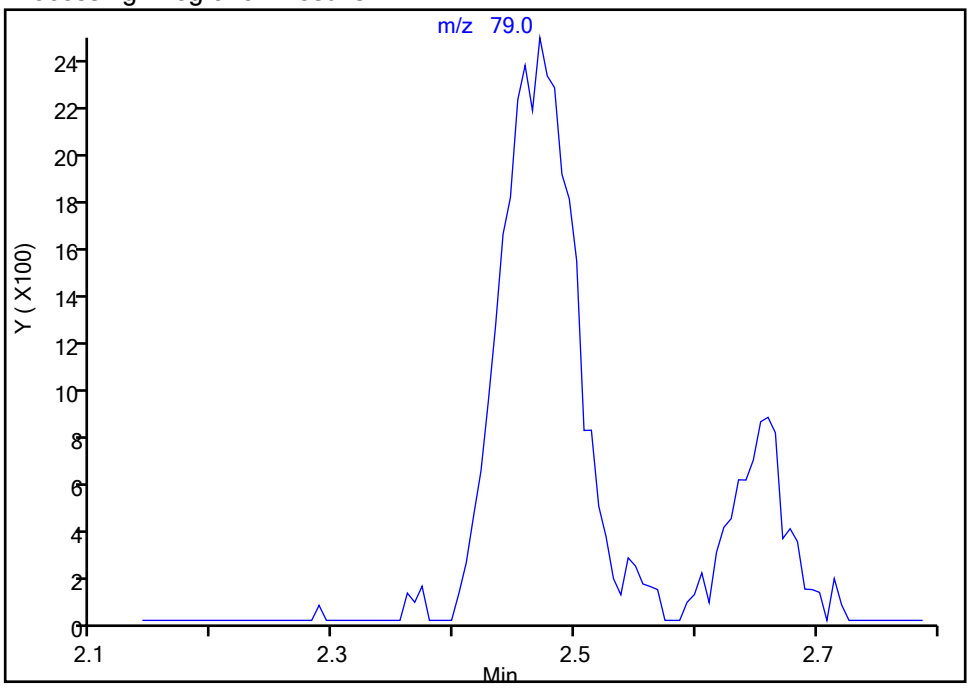
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

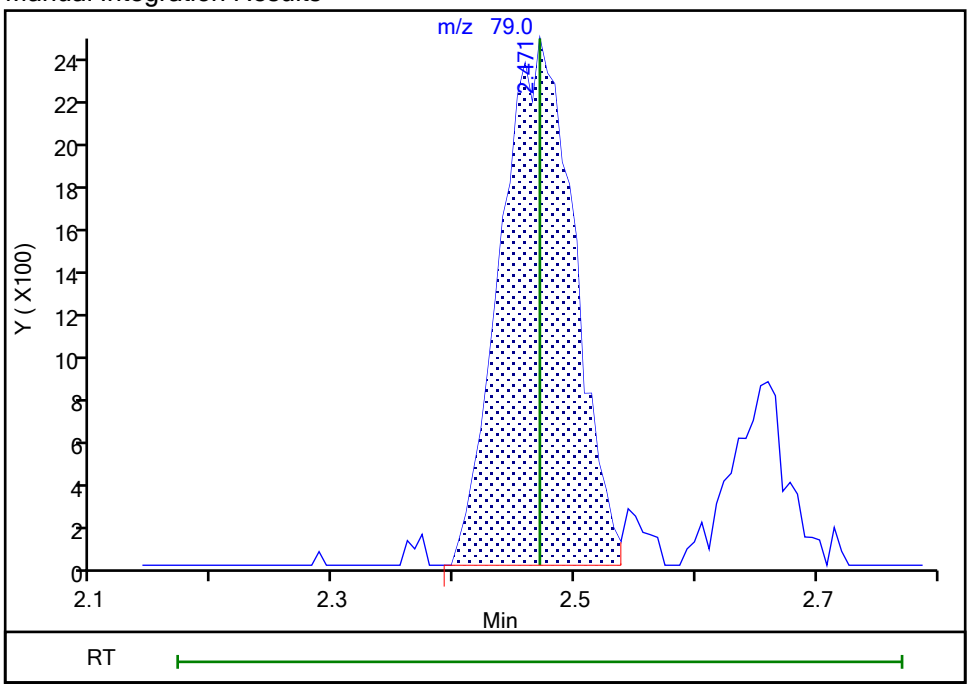
Not Detected
Expected RT: 2.47

Processing Integration Results



Manual Integration Results

RT: 2.47
Area: 10552
Amount: 5.528433
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:20:24
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

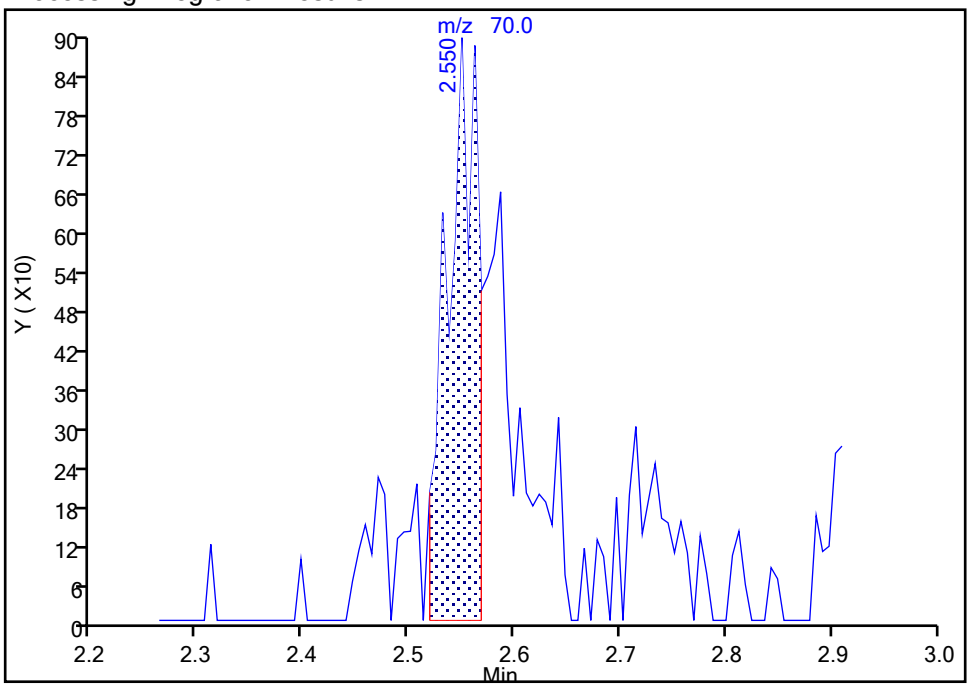
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

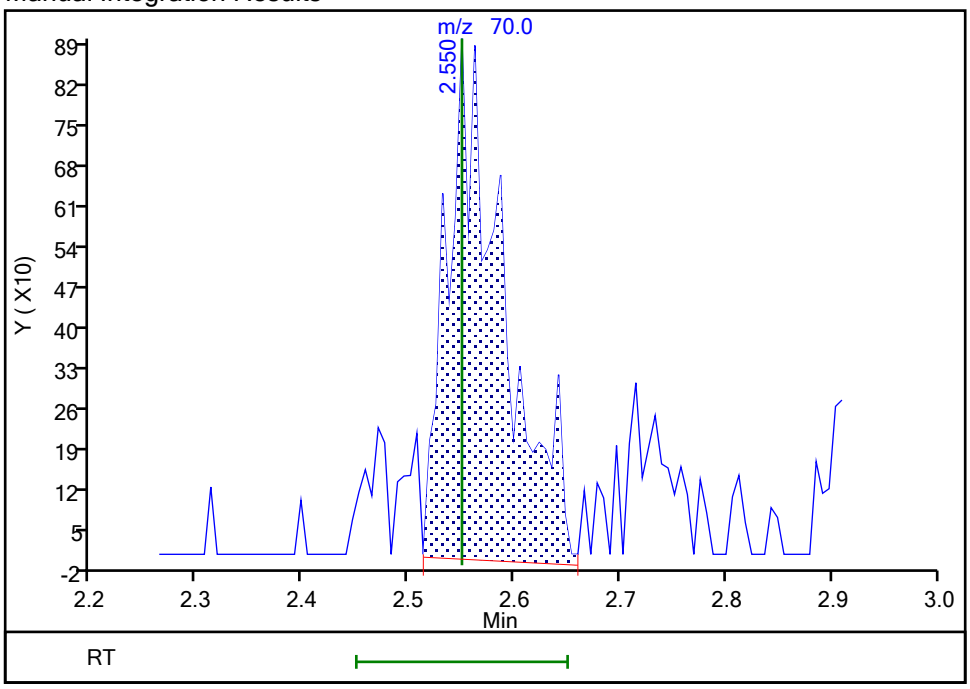
Processing Integration Results

RT: 2.55
Area: 1801
Amount: 8.375740
Amount Units: ug/l



Manual Integration Results

RT: 2.55
Area: 3335
Amount: 12.129634
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:20:53
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

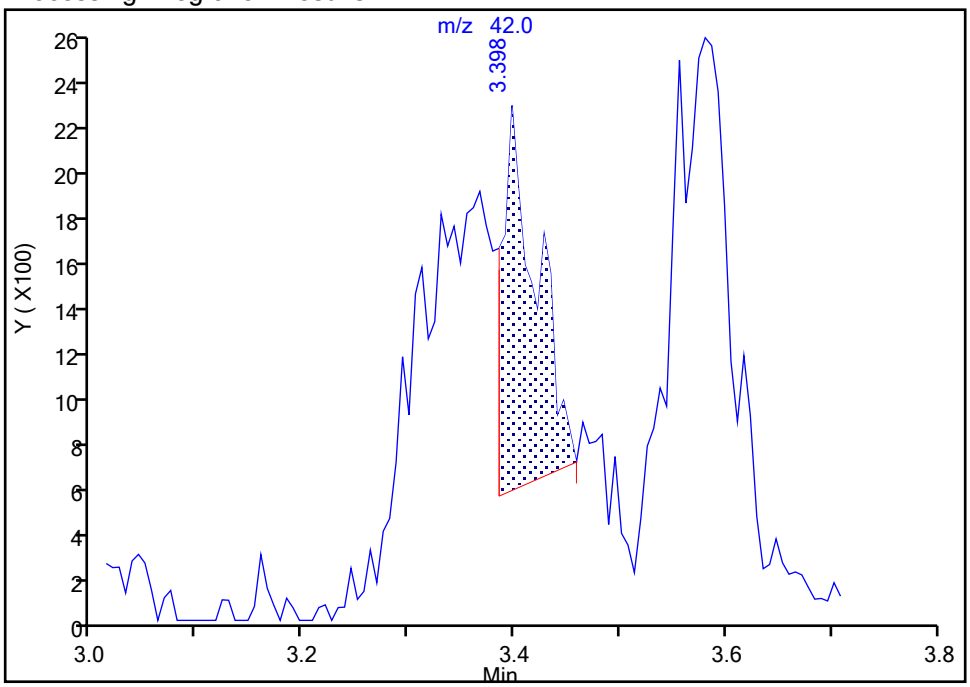
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

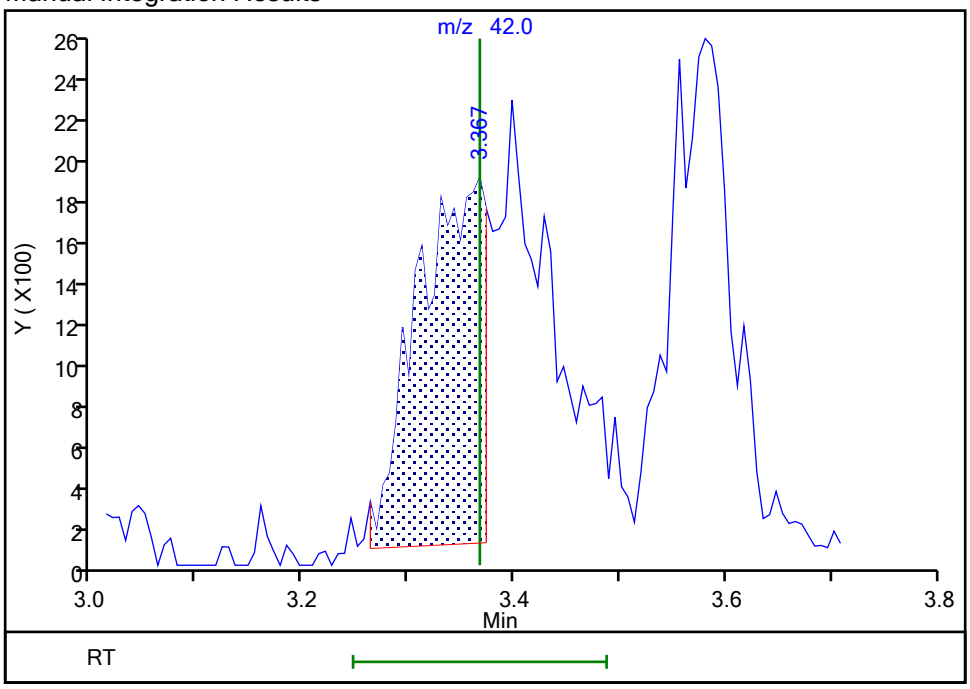
Processing Integration Results

RT: 3.40
Area: 3803
Amount: 121.0296
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 7925
Amount: 125.8943
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:21:21
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

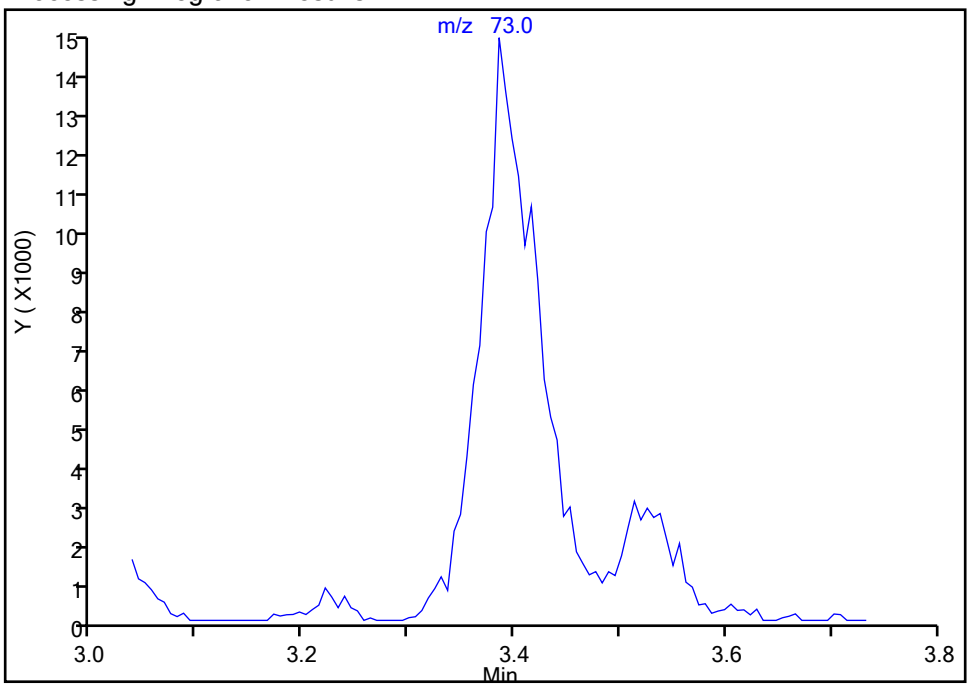
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

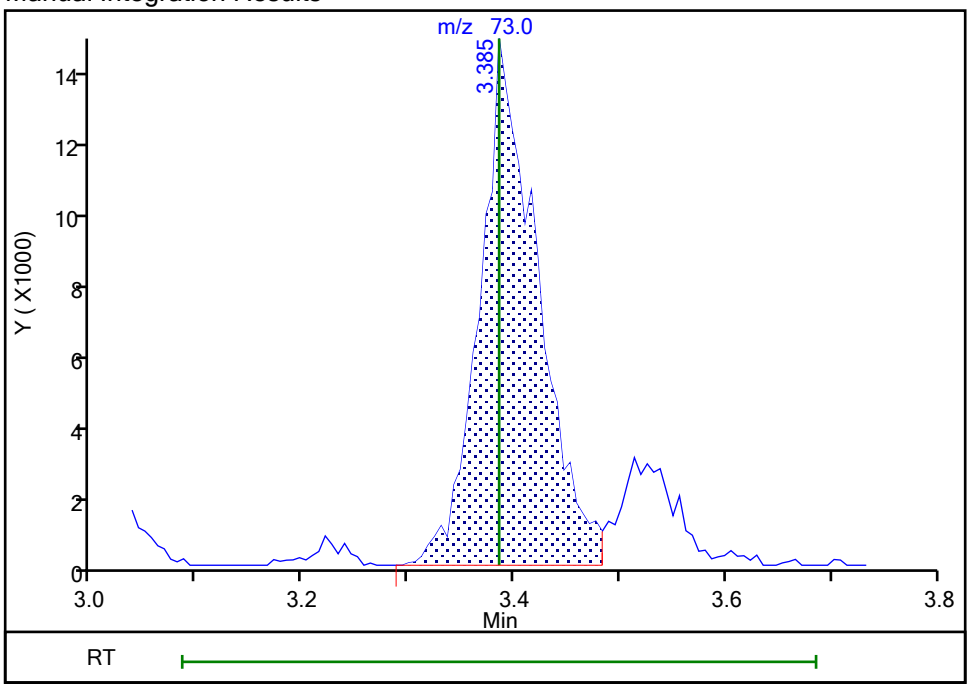
Not Detected
Expected RT: 3.39

Processing Integration Results



Manual Integration Results

RT: 3.39
Area: 53501
Amount: 4.679111
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:21:28
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

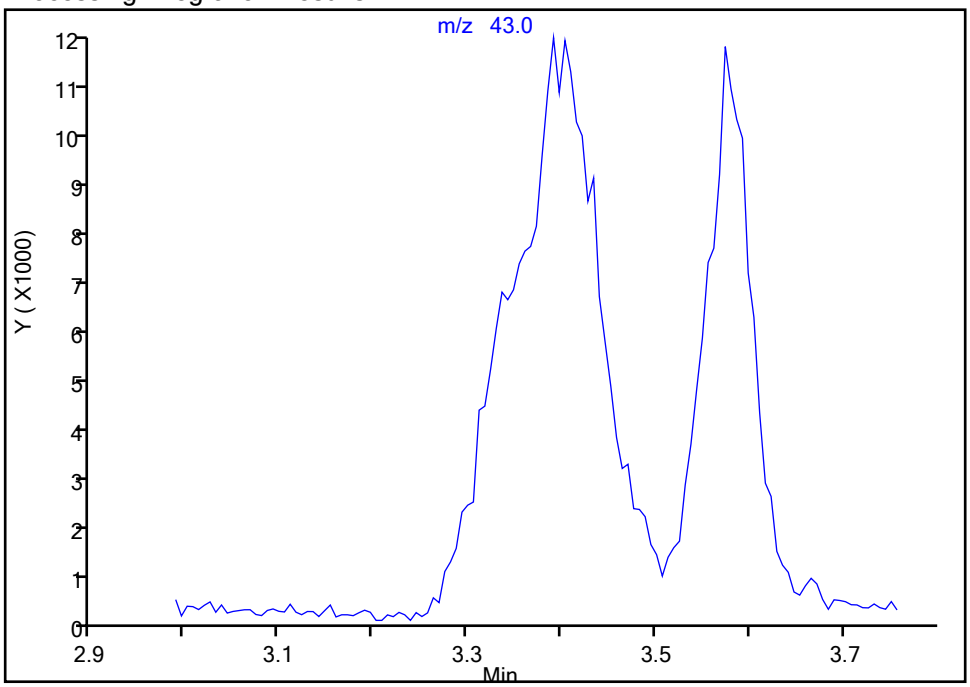
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

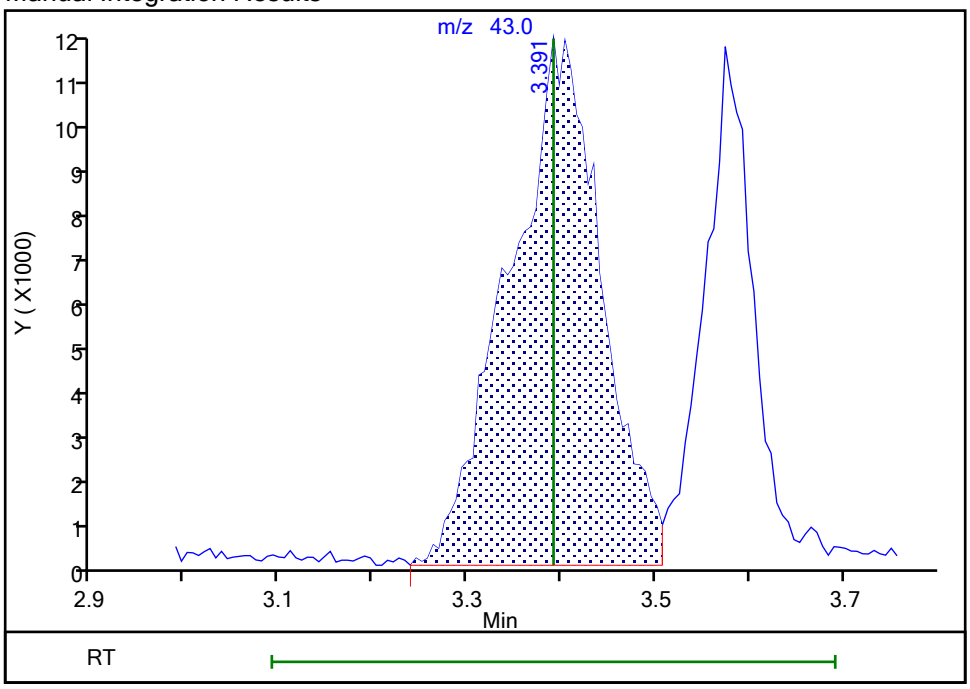
Not Detected
Expected RT: 3.39

Processing Integration Results



Manual Integration Results

RT: 3.39
Area: 76665
Amount: 5.300136
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:21:35
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

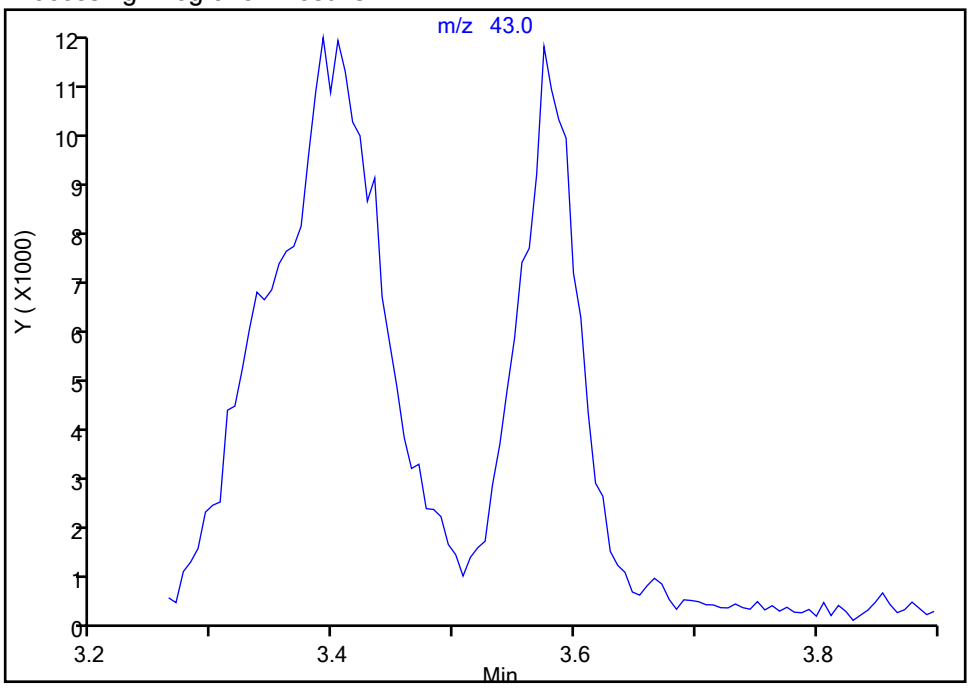
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 n-Heptane, CAS: 142-82-5

Signal: 1

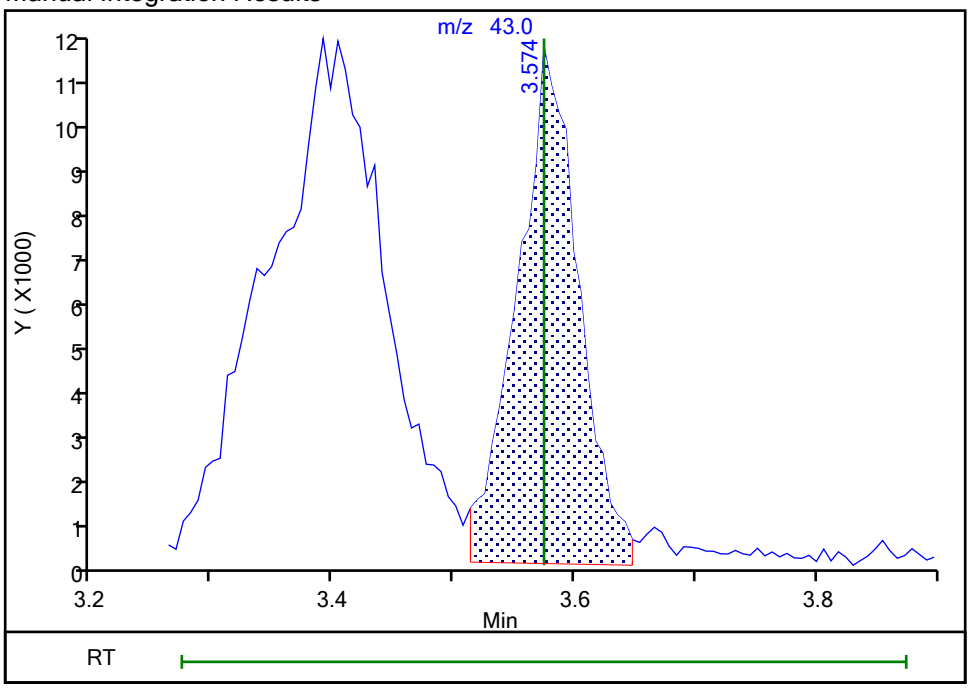
Not Detected
Expected RT: 3.57

Processing Integration Results



Manual Integration Results

RT: 3.57
Area: 39142
Amount: 5.649666
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:21:53
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

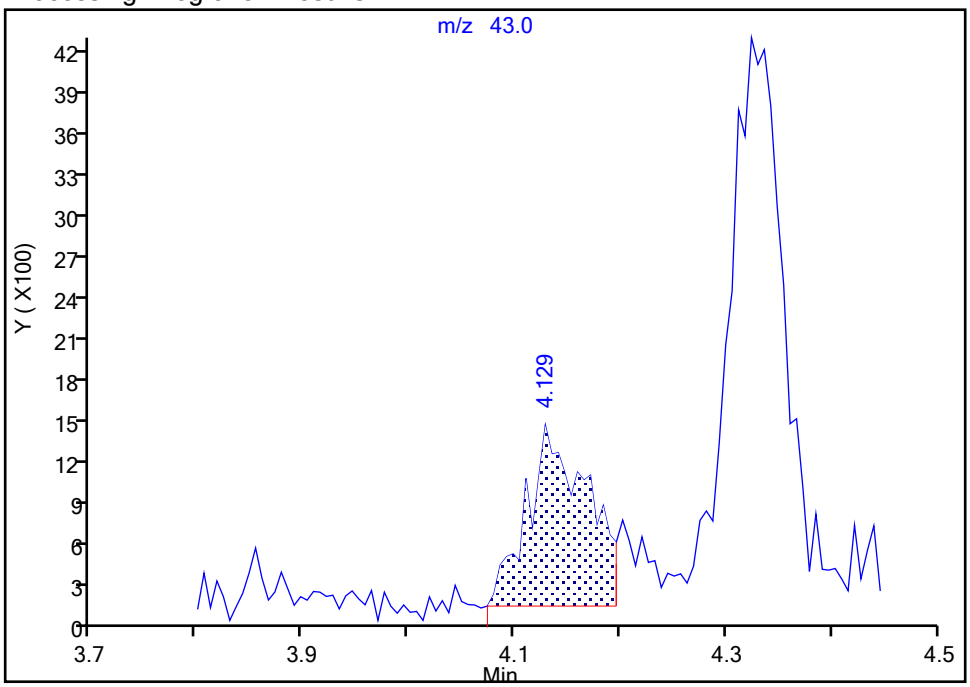
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

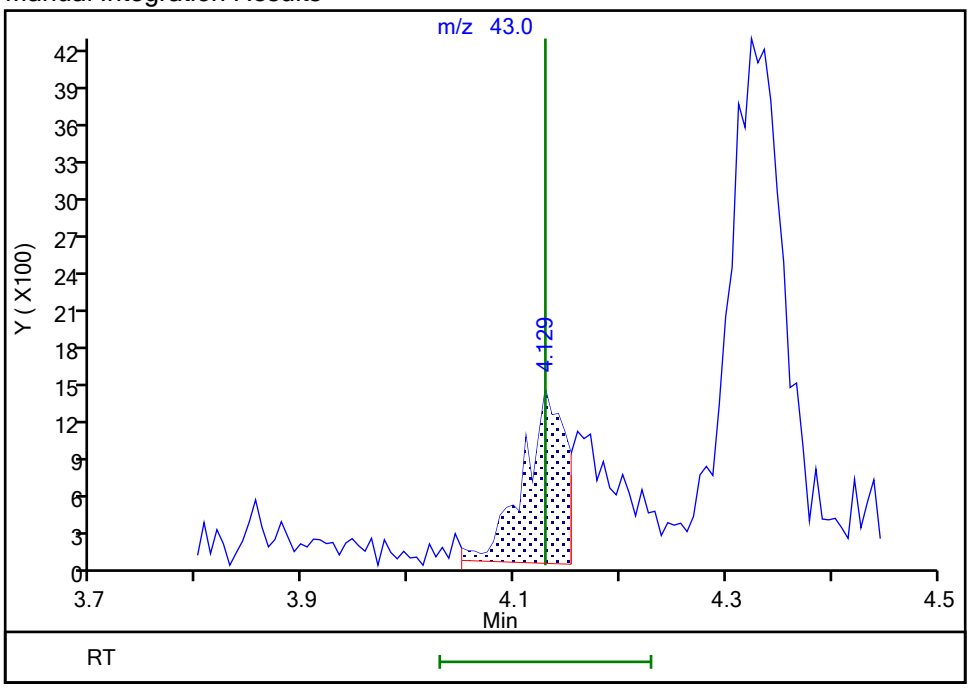
Processing Integration Results

RT: 4.13
Area: 5221
Amount: 155.0529
Amount Units: ug/l



Manual Integration Results

RT: 4.13
Area: 3892
Amount: 202.2412
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 13:22:50
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

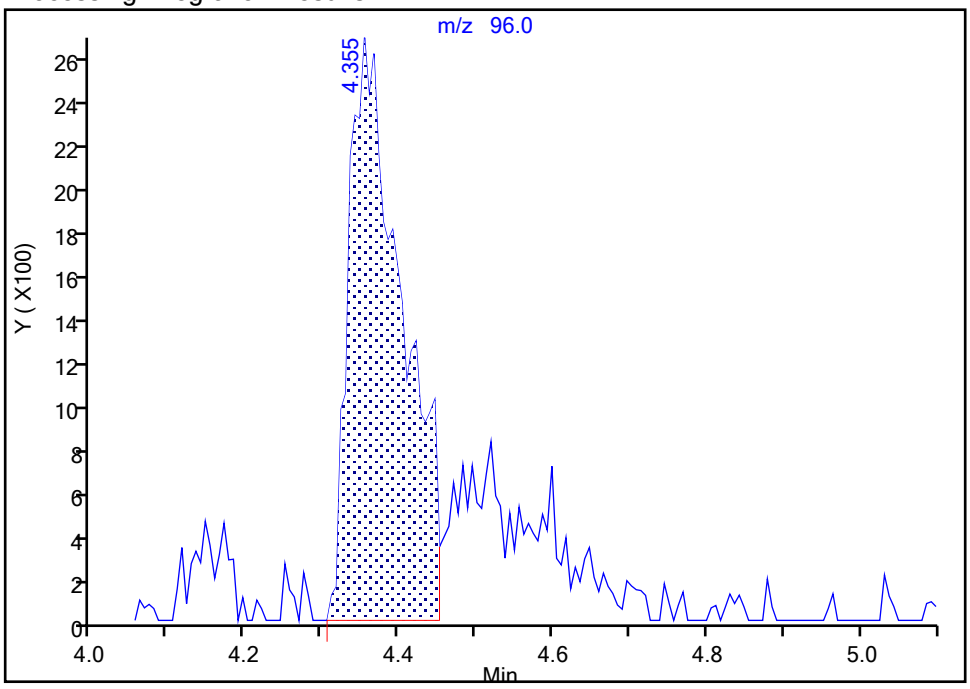
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

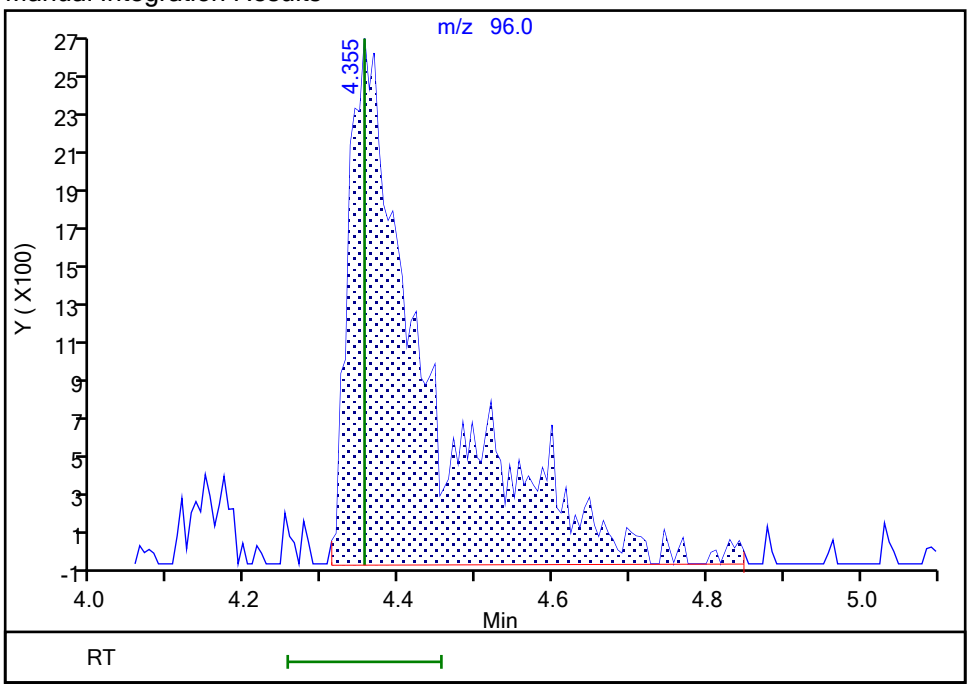
Processing Integration Results

RT: 4.35
Area: 12749
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.35
Area: 19113
Amount: 1000.0000
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:39:06
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

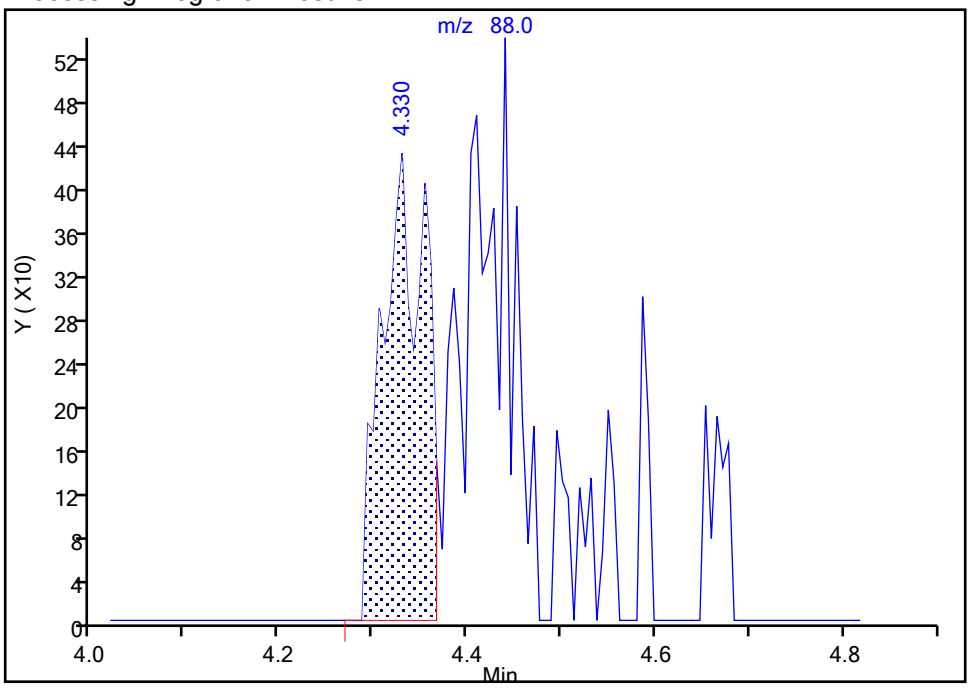
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

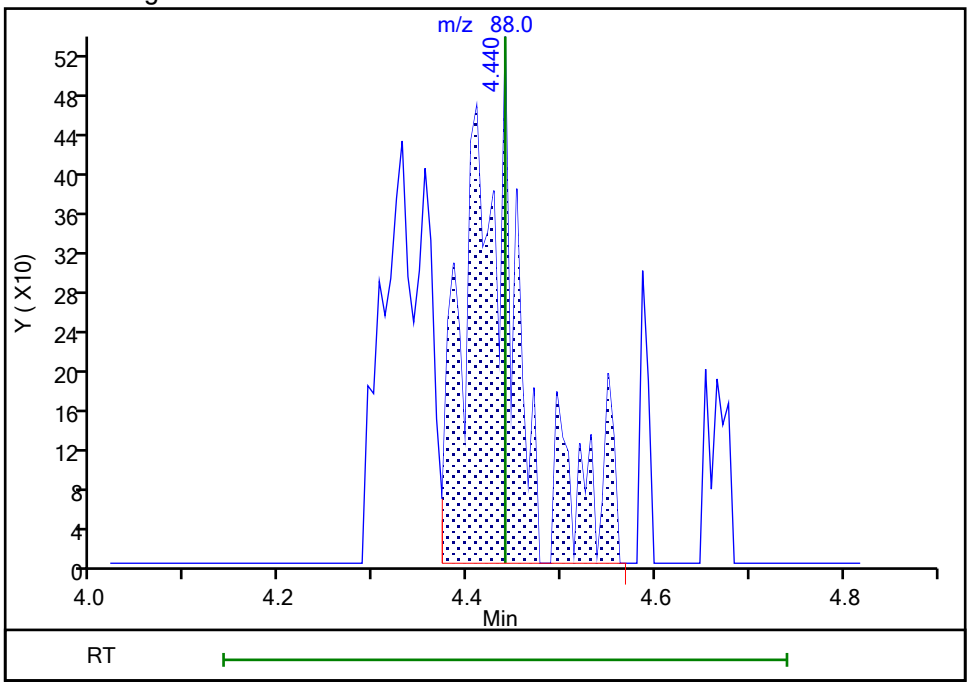
Processing Integration Results

RT: 4.33
Area: 1362
Amount: 96.908660
Amount Units: ug/l



Manual Integration Results

RT: 4.44
Area: 2102
Amount: 94.484470
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:22:31
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

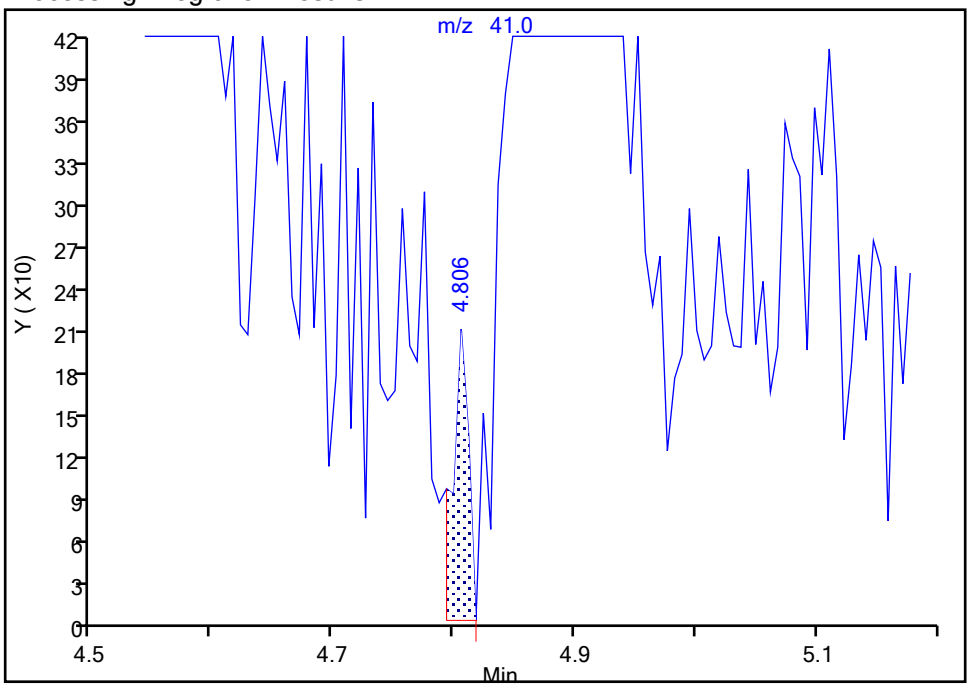
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 2-Nitropropane, CAS: 79-46-9

Signal: 1

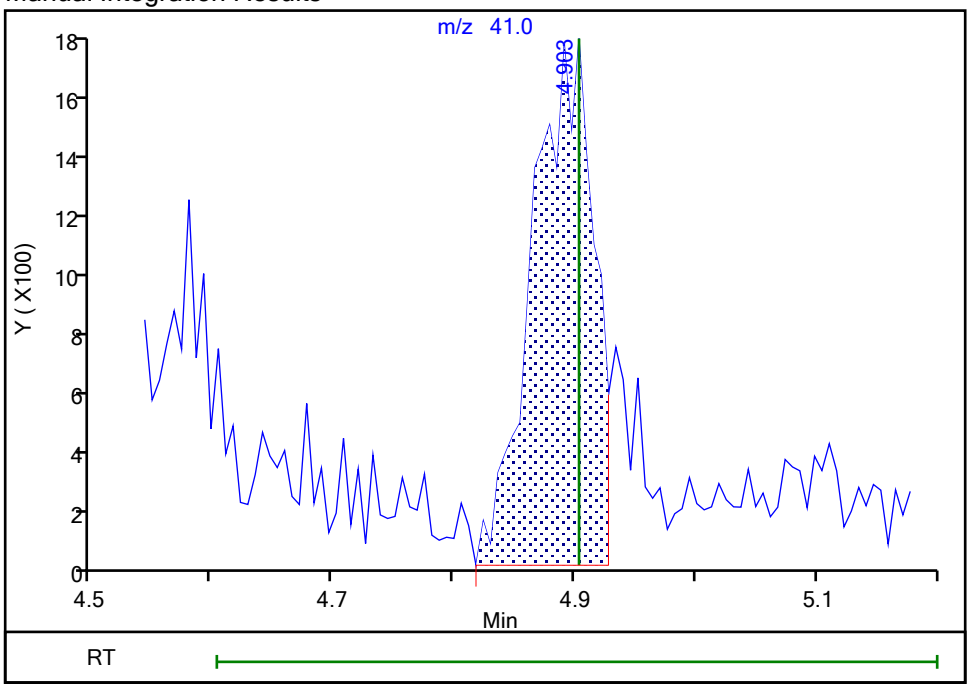
Processing Integration Results

RT: 4.81
Area: 192
Amount: 0.420011
Amount Units: ug/l



Manual Integration Results

RT: 4.90
Area: 6290
Amount: 8.887346
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:22:44
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

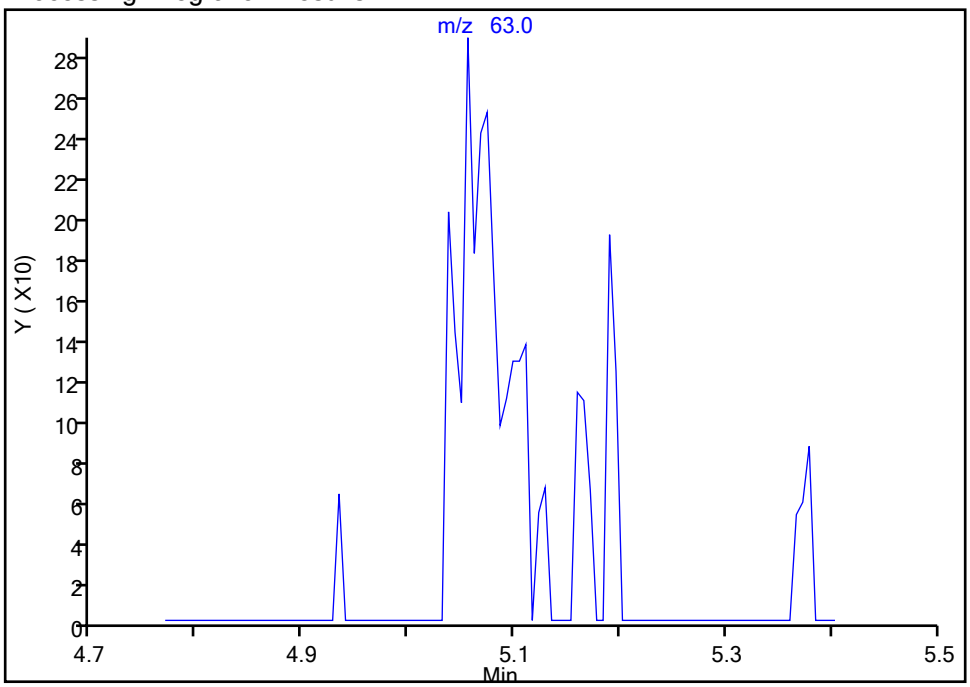
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

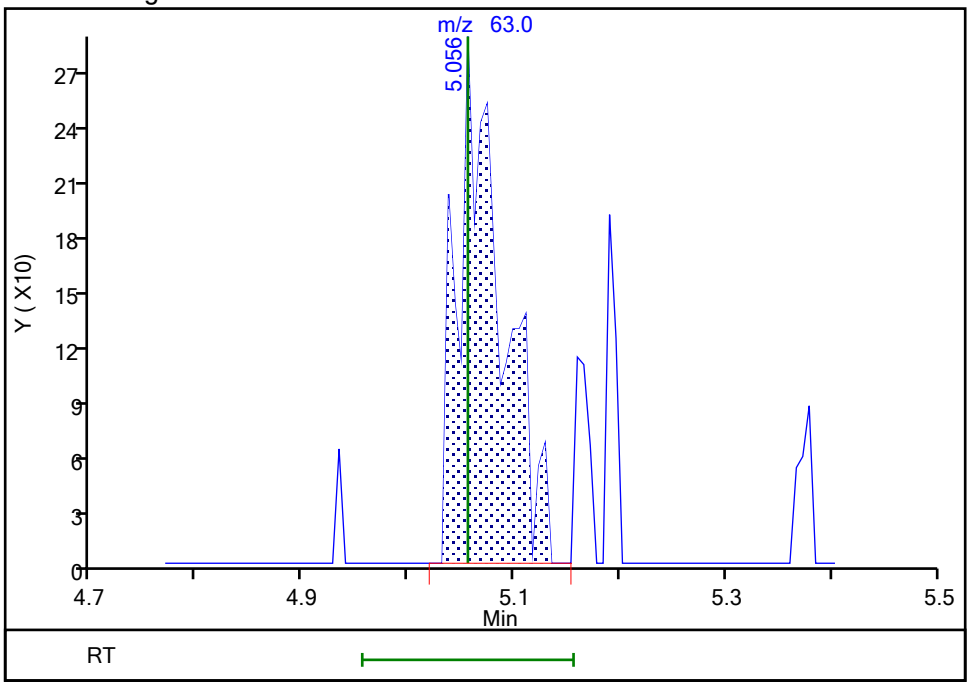
Not Detected
Expected RT: 5.06

Processing Integration Results



Manual Integration Results

RT: 5.06
Area: 822
Amount: 2.974436
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:14:39
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

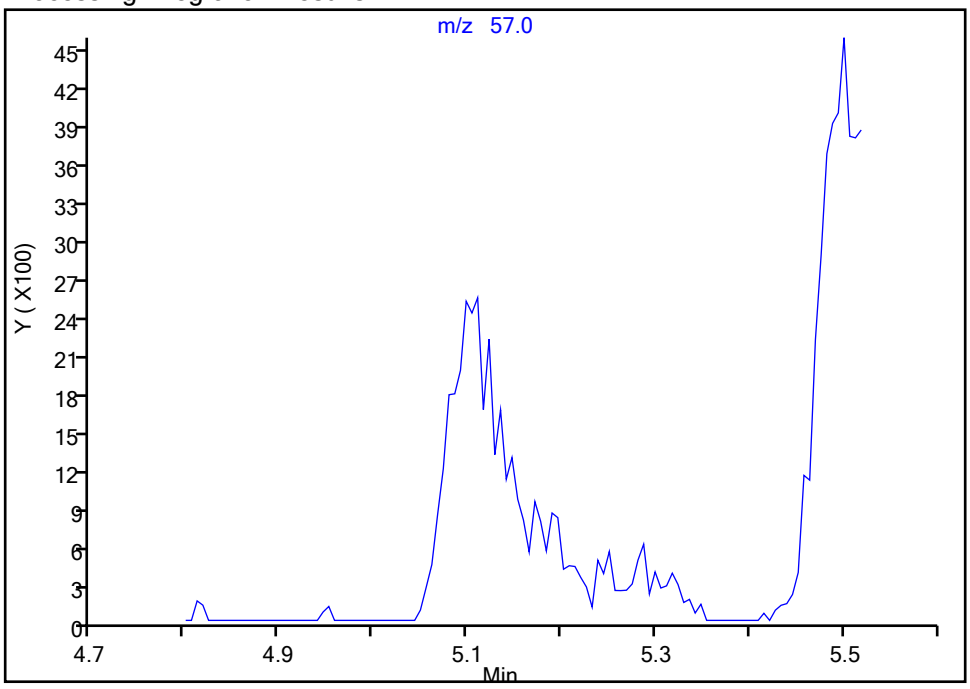
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

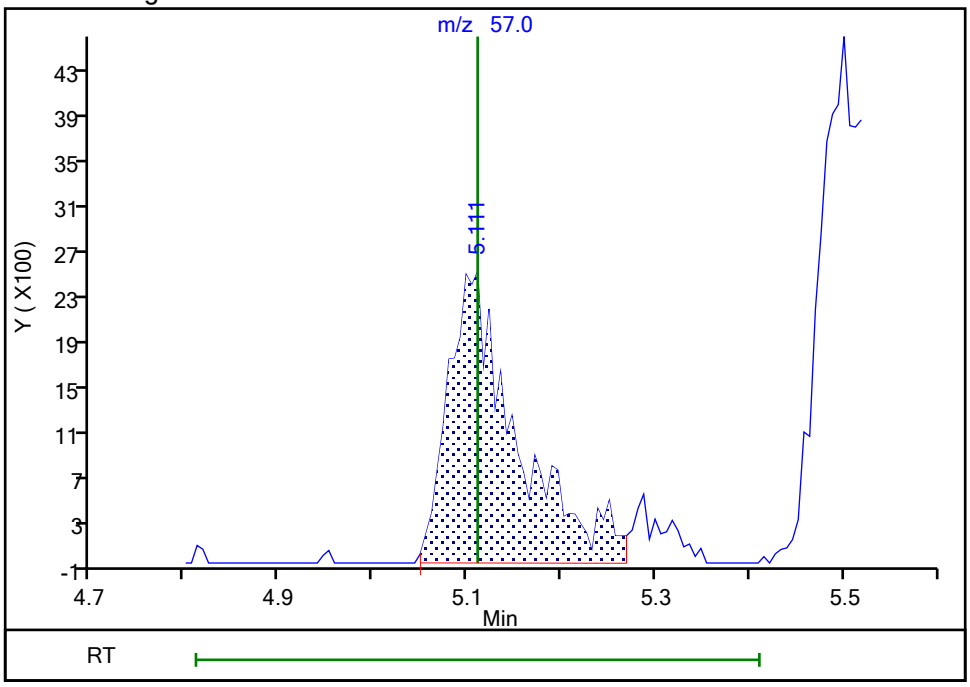
Not Detected
Expected RT: 5.11

Processing Integration Results



Manual Integration Results

RT: 5.11
Area: 12726
Amount: 74.619456
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:23:31
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

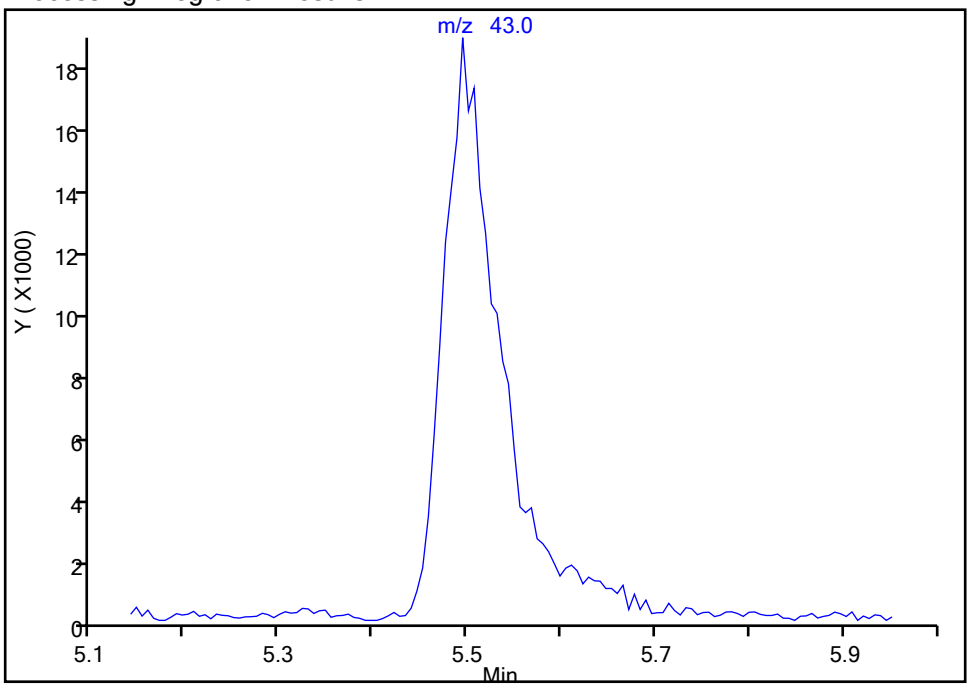
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69794.D
Injection Date: 11-Mar-2021 10:21:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

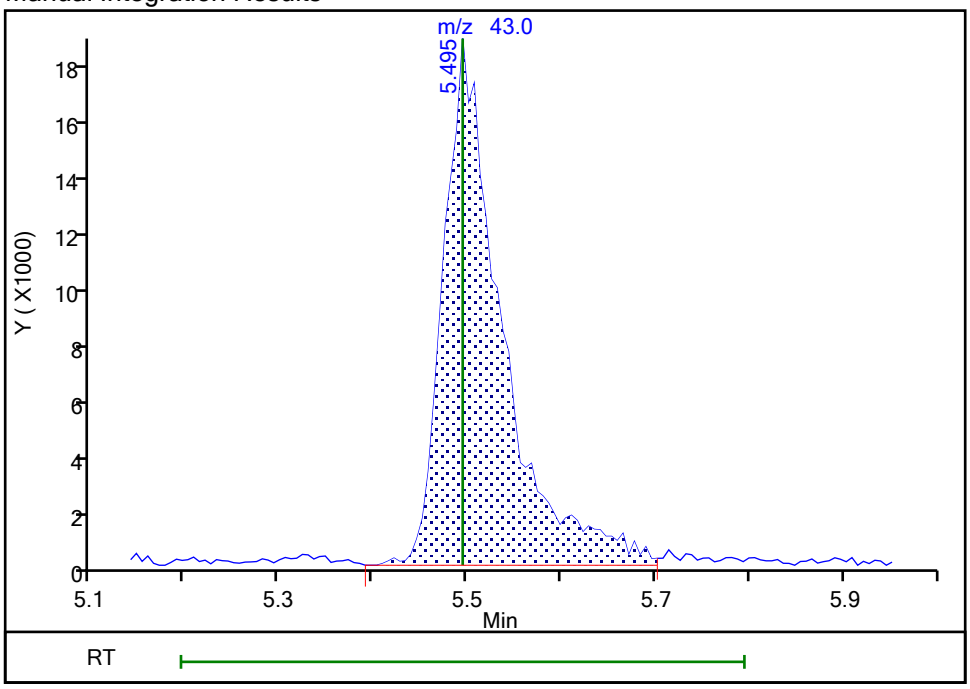
Not Detected
Expected RT: 5.49

Processing Integration Results



Manual Integration Results

RT: 5.49
Area: 81799
Amount: 24.425183
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:23:40
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 11-Mar-2021 10:46:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0125263-006
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:01:11 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 11-Mar-2021 11:14:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.685	0.685	0.000	92	169699	NC	NC	
3 Dichlorodifluoromethane	85	0.697	0.697	0.000	68	152971	20.0	21.7	
4 Chlorodifluoromethane	67	0.691	0.691	0.000	97	18456	20.0	20.7	a
5 Chloromethane	50	0.776	0.776	0.000	99	146956	20.0	21.9	
6 Butadiene	54	0.801	0.801	0.000	93	97872	20.0	22.0	
7 Vinyl chloride	62	0.825	0.825	0.000	98	107092	20.0	22.1	
8 Bromomethane	94	0.953	0.953	0.000	99	81982	20.0	22.2	
9 Chloroethane	64	0.971	0.971	0.000	98	59849	20.0	21.9	
10 Dichlorofluoromethane	67	1.075	1.075	0.000	99	151423	20.0	21.5	
12 Pentane	72	1.099	1.099	0.000	96	23866	40.0	41.7	
11 Trichlorofluoromethane	101	1.112	1.112	0.000	95	148088	20.0	22.1	Ma
14 Ethanol	46	1.191	1.191	0.000	38	5981	800.0	1128.1	
13 Ethyl ether	59	1.191	1.191	0.000	82	50772	20.0	21.0	
15 2-Methyl-1,3-butadiene	53	1.209	1.209	0.000	94	66626	20.0	20.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.240	1.240	0.000	79	75247	20.0	20.7	M
18 Acrolein	56	1.264	1.264	0.000	97	104749	300.0	349.7	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.276	1.276	0.000	88	117954	20.0	21.3	a
19 1,1-Dichloroethene	96	1.319	1.319	0.000	98	74209	20.0	21.4	
21 Acetone	43	1.343	1.343	0.000	63	79884	100.0	101.6	
20 112TCTFE	101	1.355	1.355	0.000	94	89074	20.0	22.3	a
22 Iodomethane	142	1.392	1.392	0.000	97	157960	20.0	21.8	
23 Carbon disulfide	76	1.422	1.422	0.000	99	265054	20.0	21.3	
24 Isopropyl alcohol	45	1.441	1.441	0.000	25	28553	200.0	185.9	a
25 3-Chloro-1-propene	39	1.508	1.508	0.000	93	88577	20.0	20.4	
26 Methyl acetate	43	1.532	1.532	0.000	99	94713	40.0	42.7	
27 Acetonitrile	39	1.550	1.550	0.000	25	50914	200.0	252.3	a
28 Methylene Chloride	84	1.587	1.587	0.000	91	82056	20.0	21.7	
* 29 TBA-d9 (IS)	65	1.642	1.642	0.000	0	230269	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.697	1.697	0.000	91	58181	200.0	204.4	a
31 Acrylonitrile	53	1.733	1.733	0.000	94	209996	200.0	209.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.746	1.746	0.000	94	81666	20.0	21.2	
33 Methyl tert-butyl ether	73	1.776	1.776	0.000	97	213085	20.0	21.4	
34 Hexane	57	1.928	1.928	0.000	94	120297	20.0	22.0	
35 1,1-Dichloroethane	63	2.020	2.020	0.000	99	140574	20.0	20.9	
36 Vinyl acetate	86	2.087	2.087	0.000	100	19764	40.0	41.2	M
37 2-Chloro-1,3-butadiene	88	2.087	2.087	0.000	81	68138	20.0	20.6	
38 Isopropyl ether	45	2.099	2.099	0.000	90	242071	20.0	21.1	
39 Tert-butyl ethyl ether	87	2.373	2.373	0.000	88	86755	20.0	21.1	
* 40 2-Butanone-d5	46	2.428	2.428	0.000	0	255032	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.453	2.453	0.000	97	82728	20.0	20.6	
42 2,2-Dichloropropane	79	2.471	2.471	0.000	86	39091	20.0	21.4	a
43 2-Butanone (MEK)	72	2.471	2.471	0.000	98	30427	100.0	85.1	
44 Propionitrile	54	2.532	2.532	0.000	95	71201	200.0	210.0	
45 Ethyl acetate	70	2.556	2.556	0.000	98	8922	40.0	36.9	
62 Methyl acrylate	55	2.569	2.569	0.000	61	64150	20.0	19.3	
46 Chlorobromomethane	128	2.648	2.648	0.000	87	42899	20.0	20.6	
47 Methacrylonitrile	67	2.654	2.654	0.000	92	244232	200.0	206.3	
48 Tetrahydrofuran	72	2.697	2.697	0.000	75	16209	40.0	41.1	M
49 Chloroform	83	2.739	2.739	0.000	98	133639	20.0	20.4	
$ 50 Dibromofluoromethane (Surr)	113	2.873	2.873	0.000	98	163612	50.0	49.4	
51 1,1,1-Trichloroethane	97	2.879	2.879	0.000	77	123708	20.0	20.5	
52 Cyclohexane	84	2.922	2.922	0.000	93	123889	20.0	21.1	
54 1,1-Dichloropropene	75	3.026	3.026	0.000	94	102350	20.0	20.3	
53 Carbon tetrachloride	117	3.032	3.032	0.000	96	110522	20.0	20.6	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.172	3.172	0.000	0	167267	50.0	49.0	
56 Benzene	78	3.221	3.221	0.000	94	293063	20.0	20.3	
57 1,2-Dichloroethane	62	3.245	3.245	0.000	97	93158	20.0	20.4	
58 Isobutyl alcohol	42	3.337	3.337	0.000	32	26404	500.0	452.2	a
59 Tert-amyl methyl ether	73	3.385	3.385	0.000	98	226851	20.0	20.7	
73 Isopropyl acetate	43	3.398	3.398	0.000	91	292539	20.0	21.1	a
* 60 Fluorobenzene	96	3.520	3.520	0.000	99	582145	50.0	50.0	
61 n-Heptane	43	3.574	3.574	0.000	93	143798	20.0	21.7	
63 Trichloroethene	95	3.928	3.928	0.000	98	76456	20.0	20.3	
64 n-Butanol	43	4.093	4.093	0.000	1	6998	500.0	387.5	Ma
65 Methylcyclohexane	83	4.135	4.135	0.000	92	142792	20.0	20.8	
66 Ethyl acrylate	55	4.154	4.154	0.000	93	186677	20.0	20.9	
67 1,2-Dichloropropane	63	4.184	4.184	0.000	96	76038	20.0	20.8	
68 Dibromomethane	93	4.318	4.318	0.000	47	43240	20.0	20.2	
* 69 1,4-Dioxane-d8	96	4.361	4.361	0.000	0	16065	1000.0	1000.0	M
71 Methyl methacrylate	100	4.440	4.440	0.000	94	31333	40.0	42.0	
70 1,4-Dioxane	88	4.404	4.404	0.000	29	7150	400.0	382.4	Ma
81 n-Propyl acetate	43	4.574	4.574	0.000	84	78894	20.0	19.2	
72 Dichlorobromomethane	83	4.562	4.562	0.000	99	93069	20.0	19.9	
74 2-Nitropropane	41	4.891	4.891	0.000	97	24998	40.0	36.9	
75 2-Chloroethyl vinyl ether	63	5.086	5.086	0.000	31	3365	20.0	12.6	Ma
76 Epichlorohydrin	57	5.086	5.086	0.000	99	43679	400.0	290.1	
77 cis-1,3-Dichloropropene	75	5.184	5.184	0.000	94	102843	20.0	19.6	
78 4-Methyl-2-pentanone (MIBK)	43	5.489	5.489	0.000	96	296973	100.0	101.0	a
$ 79 Toluene-d8 (Surr)	98	5.550	5.550	0.000	98	608529	50.0	49.1	
80 Toluene	91	5.653	5.653	0.000	93	309034	20.0	19.9	
82 trans-1,3-Dichloropropene	75	6.080	6.080	0.000	99	88529	20.0	19.2	
83 1,1,2-Trichloroethane	83	6.342	6.342	0.000	94	50823	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.348	6.348	0.000	96	75228	20.0	20.4	
85 Tetrachloroethene	166	6.495	6.495	0.000	98	87373	20.0	19.7	
86 1,3-Dichloropropane	76	6.586	6.586	0.000	95	101606	20.0	20.5	
87 2-Hexanone	43	6.879	6.879	0.000	98	194329	100.0	101.0	
88 Chlorodibromomethane	129	6.952	6.952	0.000	98	68096	20.0	19.7	
89 Ethylene Dibromide	107	7.062	7.062	0.000	98	59727	20.0	20.1	
90 n-Butyl acetate	73	7.214	7.214	0.000	99	14640	20.0	19.8	
* 91 Chlorobenzene-d5	117	7.958	7.958	0.000	86	466438	50.0	50.0	
92 Chlorobenzene	112	8.007	8.007	0.000	95	203762	20.0	20.3	
93 1,1,1,2-Tetrachloroethane	131	8.232	8.232	0.000	96	75202	20.0	19.8	
94 Ethylbenzene	106	8.305	8.305	0.000	98	114127	20.0	20.8	
95 m-Xylene & p-Xylene	106	8.561	8.561	0.000	99	136076	20.0	20.7	
96 o-Xylene	106	9.281	9.281	0.000	94	133511	20.0	20.4	
97 Styrene	104	9.323	9.323	0.000	94	220288	20.0	20.3	
98 n-Butyl acrylate	73	9.500	9.500	0.000	98	39853	20.0	19.0	
99 Bromoform	173	9.567	9.567	0.000	97	48198	20.0	19.2	
101 Amyl acetate (mixed isomers)	43	9.982	9.982	0.000	92	95593	20.0	18.8	
102 Isopropylbenzene	105	10.018	10.018	0.000	96	368887	20.0	20.7	
$ 103 4-Bromofluorobenzene	174	10.226	10.226	0.000	95	219613	50.0	50.0	
104 Bromobenzene	156	10.396	10.396	0.000	97	94033	20.0	20.1	
105 1,2,3-Trichloropropane	110	10.616	10.616	0.000	96	24007	20.0	19.6	
106 1,1,2,2-Tetrachloroethane	83	10.628	10.628	0.000	96	81717	20.0	19.7	
107 trans-1,4-Dichloro-2-butene	53	10.732	10.732	0.000	84	19157	20.0	19.3	
108 N-Propylbenzene	120	10.756	10.756	0.000	99	103756	20.0	20.3	
109 2-Chlorotoluene	126	10.799	10.799	0.000	97	93743	20.0	20.7	
110 4-Ethyltoluene	105	10.975	10.975	0.000	98	363154	20.0	20.7	
111 4-Chlorotoluene	91	11.012	11.012	0.000	97	313617	20.0	20.8	
112 1,3,5-Trimethylbenzene	105	11.110	11.110	0.000	93	310742	20.0	20.3	
100 Butyl Methacrylate	87	11.475	11.475	0.000	95	70615	20.0	15.6	
113 tert-Butylbenzene	119	11.640	11.640	0.000	95	247095	20.0	20.0	
114 1,2,4-Trimethylbenzene	105	11.725	11.725	0.000	98	321337	20.0	20.6	
115 sec-Butylbenzene	105	12.054	12.054	0.000	99	410592	20.0	20.5	
116 1,3-Dichlorobenzene	146	12.128	12.128	0.000	97	188534	20.0	20.1	
* 117 1,4-Dichlorobenzene-d4	152	12.280	12.280	0.000	95	282516	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.329	12.329	0.000	96	189366	20.0	20.0	
119 4-Isopropyltoluene	119	12.408	12.408	0.000	97	345655	20.0	19.7	
120 1,2,3-Trimethylbenzene	105	12.512	12.512	0.000	99	322852	20.0	20.2	
121 Benzyl chloride	126	12.664	12.664	0.000	98	14205	20.0	11.4	
122 2,3-Dihydroindene	117	12.804	12.804	0.000	94	314247	20.0	20.6	
123 1,2-Dichlorobenzene	146	12.945	12.945	0.000	96	180852	20.0	19.9	
124 p-Diethylbenzene	119	13.042	13.042	0.000	92	193594	20.0	20.6	
125 n-Butylbenzene	92	13.066	13.066	0.000	99	205492	20.0	20.7	
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	94	16450	20.0	18.3	
127 1,2,4,5-Tetramethylbenzene	119	13.780	13.780	0.000	97	334006	20.0	20.5	
128 1,3,5-Trichlorobenzene	180	13.926	13.926	0.000	97	159775	20.0	19.6	
129 1,2,4-Trichlorobenzene	180	14.359	14.359	0.000	94	140201	20.0	18.9	
130 Hexachlorobutadiene	225	14.499	14.499	0.000	96	78093	20.0	18.6	
131 Naphthalene	128	14.511	14.511	0.000	99	256730	20.0	17.4	
132 1,2,3-Trichlorobenzene	180	14.664	14.664	0.000	95	129112	20.0	18.1	
S 133 1,2-Dichloroethene, Total	100				0		40.0	41.8	
S 134 1,3-Dichloropropene, Total	100				0		40.0	38.8	
S 135 Xylenes, Total	100				0		40.0	41.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	102.1	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00120	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00133	Amount Added:	2.00	Units: uL	
524freon_00034	Amount Added:	2.00	Units: uL	
GASES Li_00411	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:01:13 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D

Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2 Operator ID:

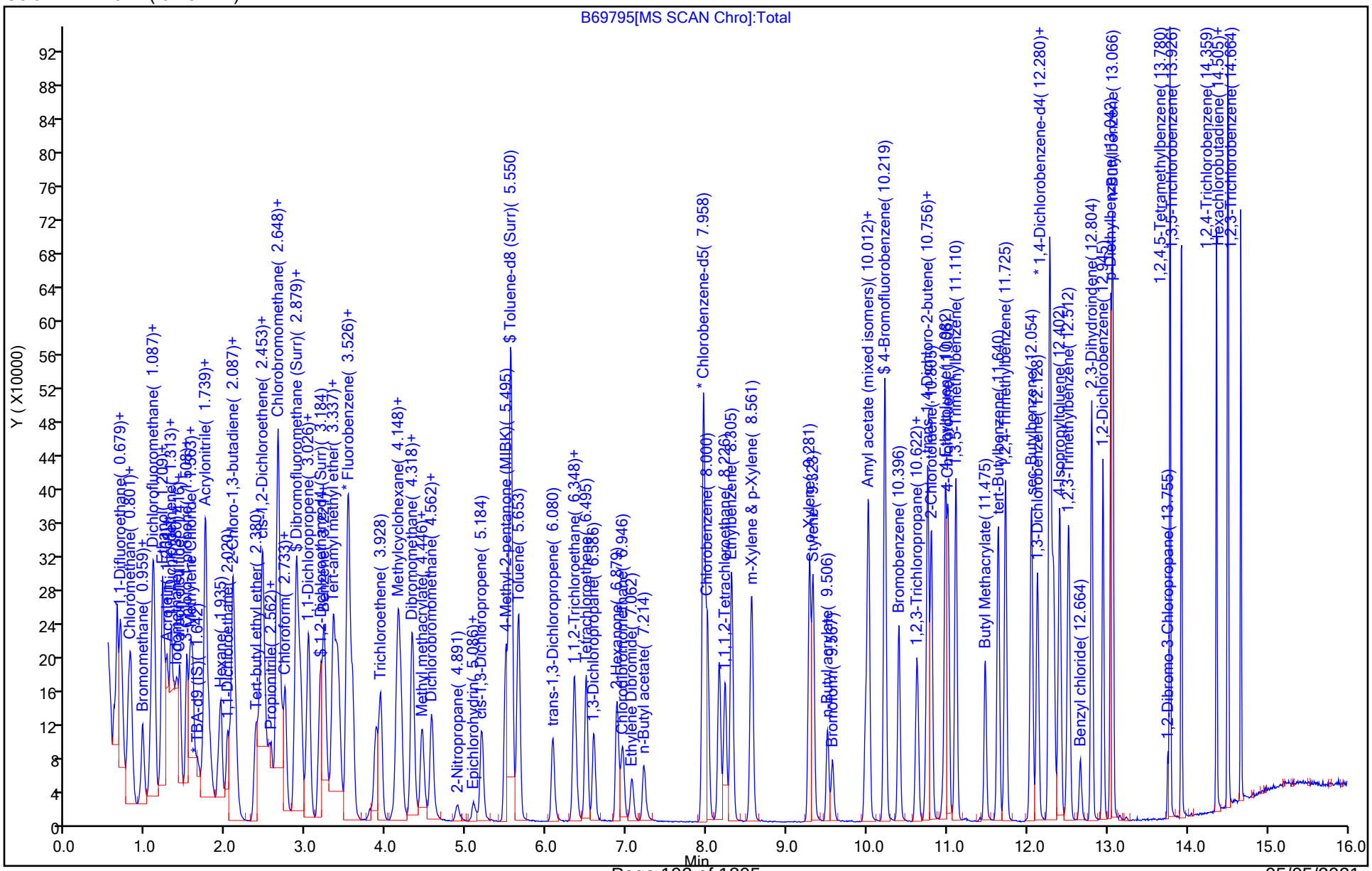
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

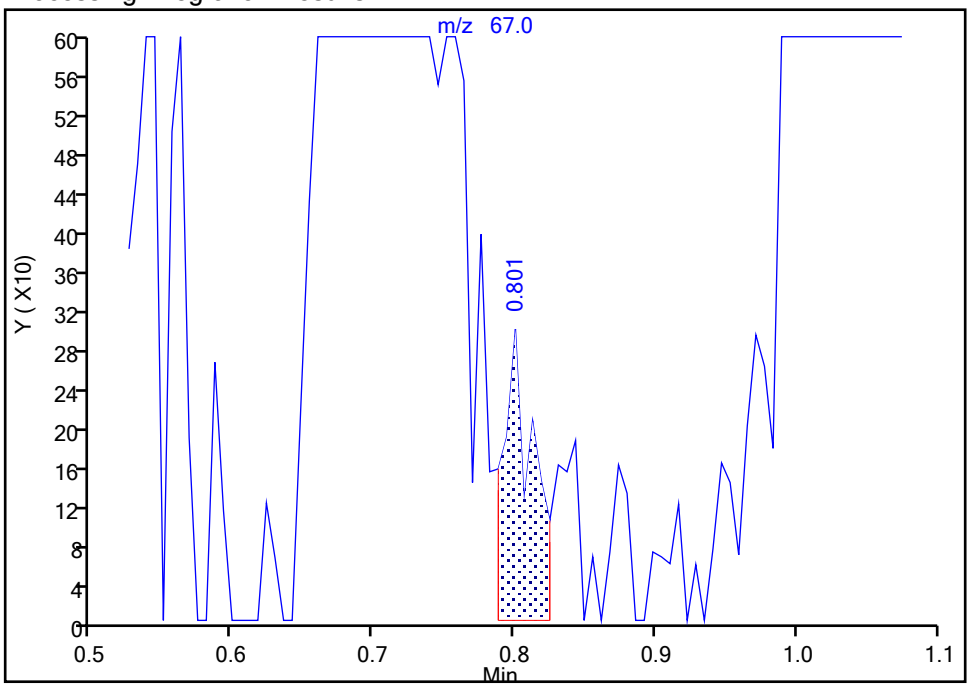
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

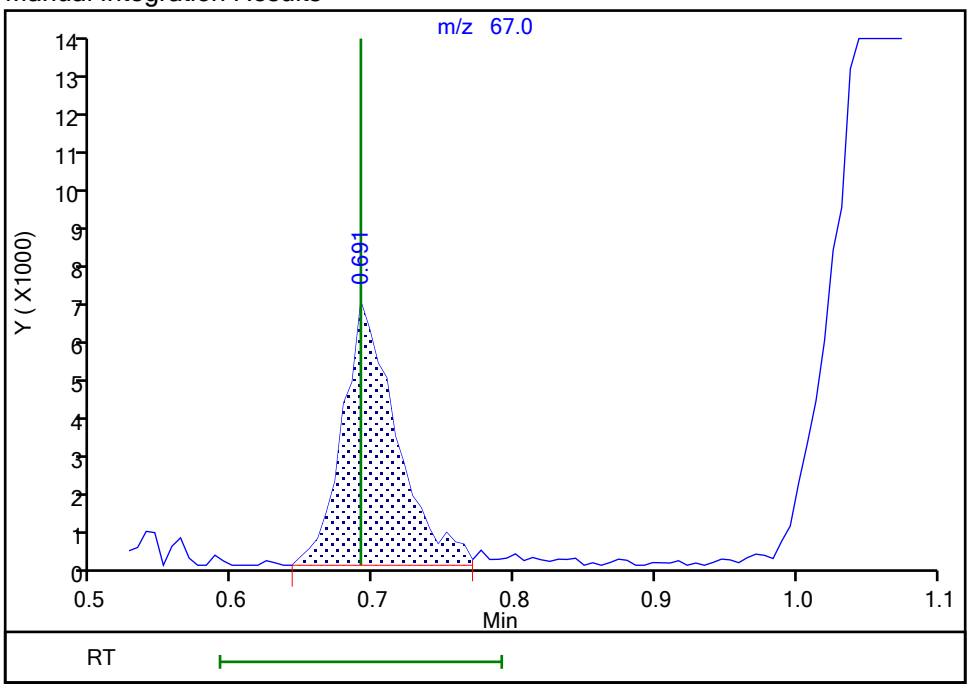
Processing Integration Results

RT: 0.80
Area: 443
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 0.69
Area: 18456
Amount: 20.674001
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:08:54
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

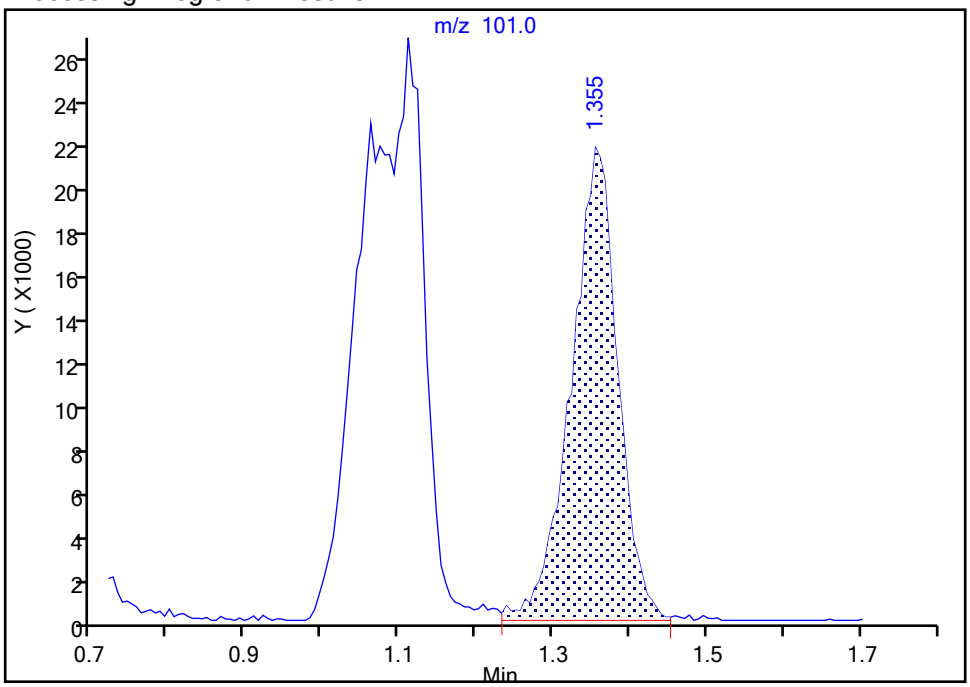
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

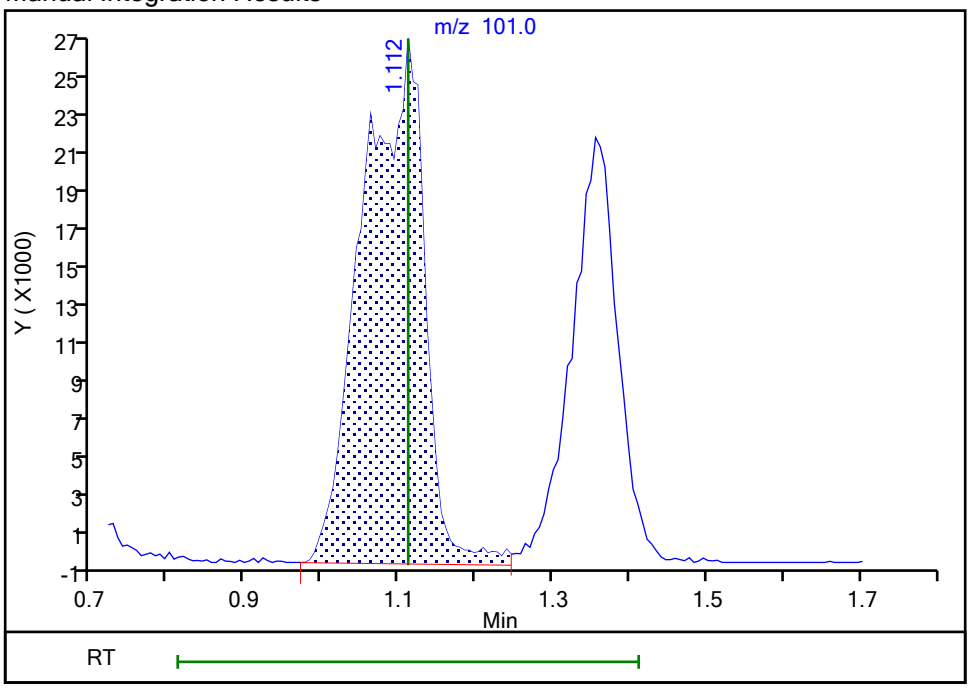
Processing Integration Results

RT: 1.36
Area: 89891
Amount: 14.486300
Amount Units: ug/l



Manual Integration Results

RT: 1.11
Area: 148088
Amount: 22.135006
Amount Units: ug/l



Reviewer: kluseys, 15-Mar-2021 12:57:00
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

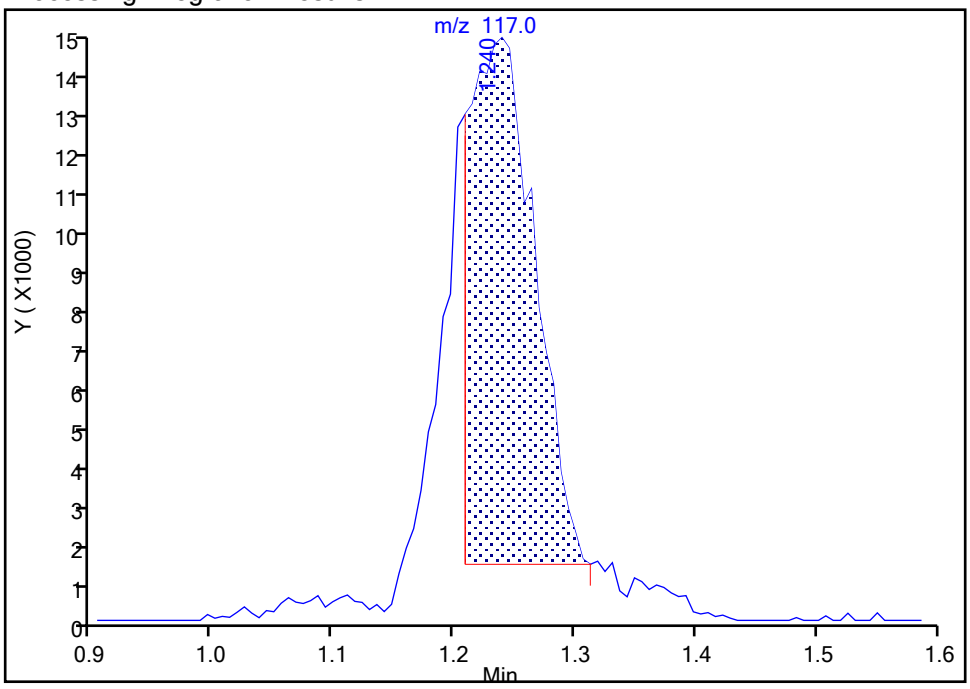
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

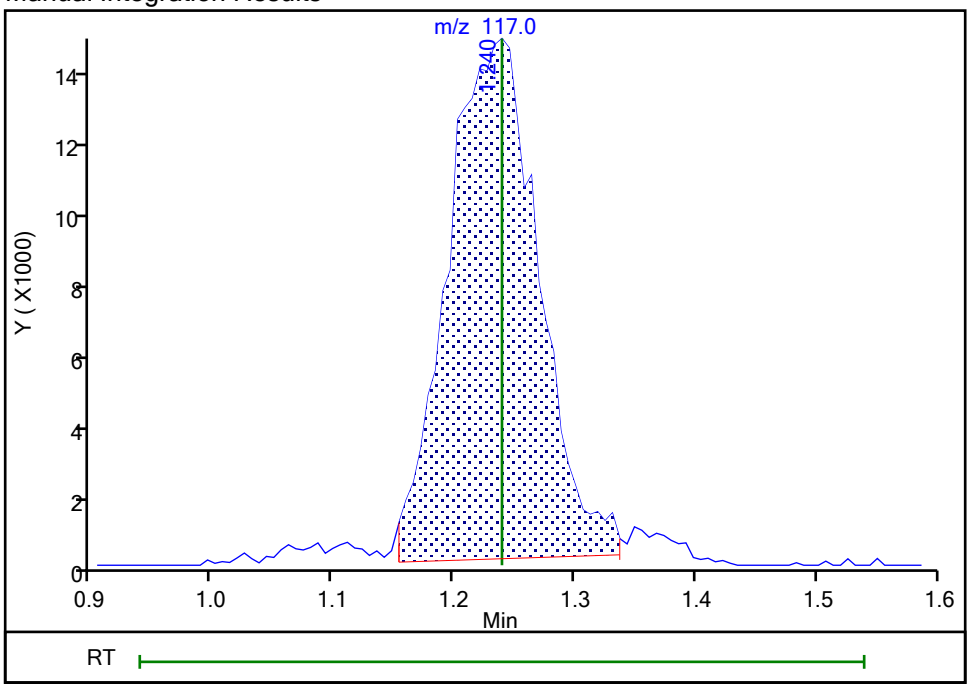
Processing Integration Results

RT: 1.24
Area: 49521
Amount: 19.940559
Amount Units: ug/l



Manual Integration Results

RT: 1.24
Area: 75247
Amount: 20.659312
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:09:20
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

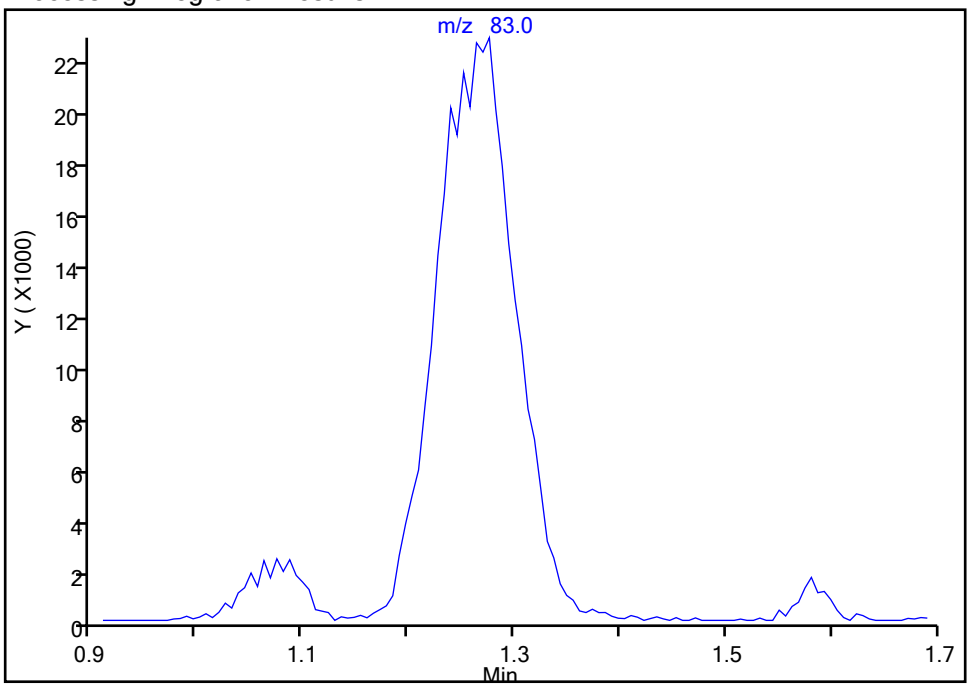
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

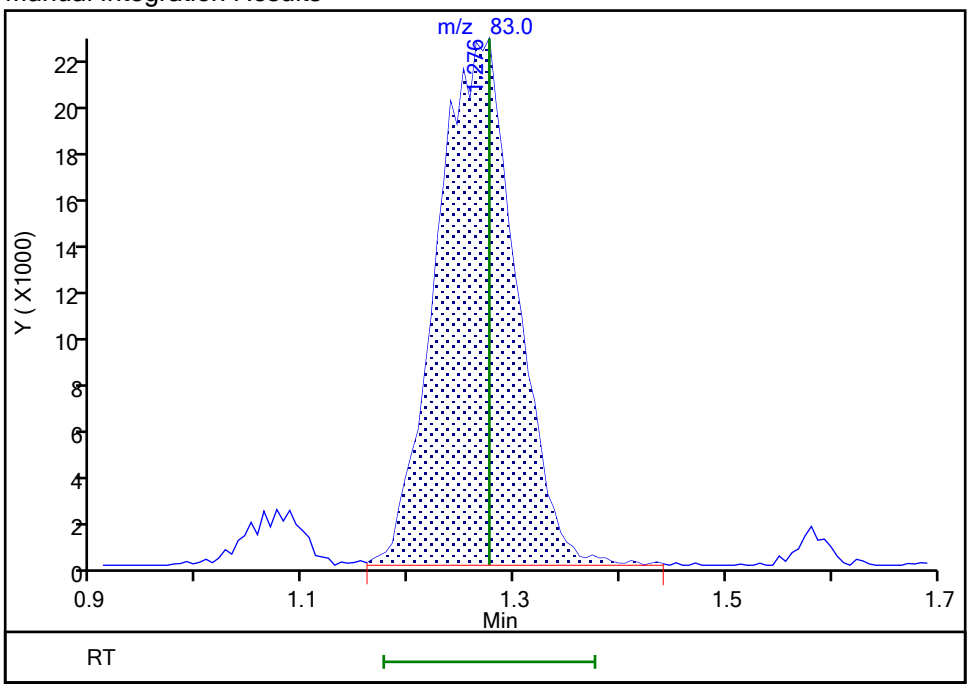
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 117954
Amount: 21.273259
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:09:27
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

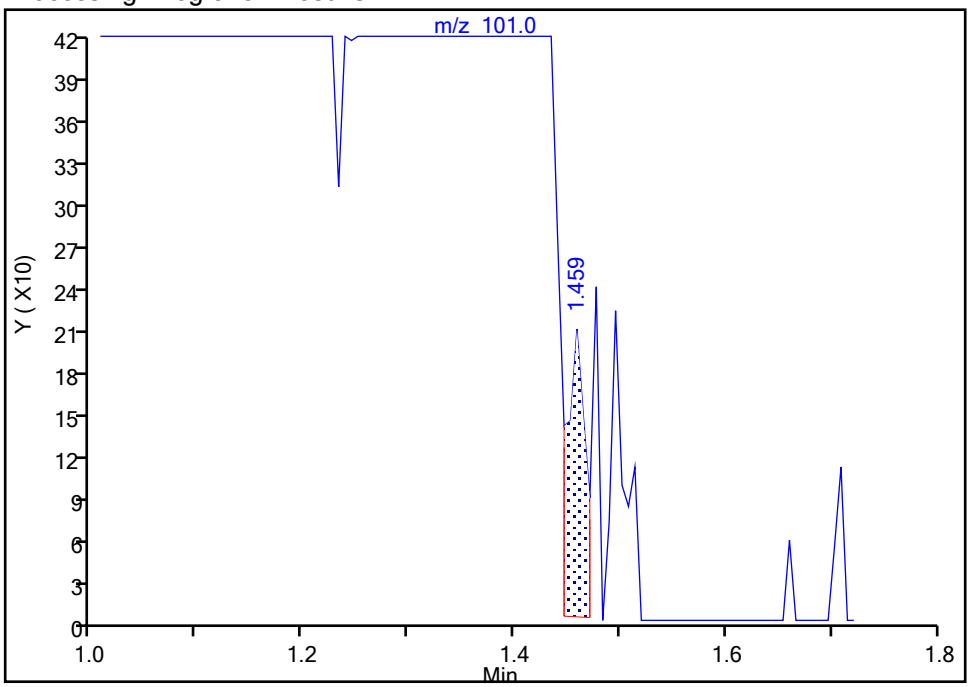
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

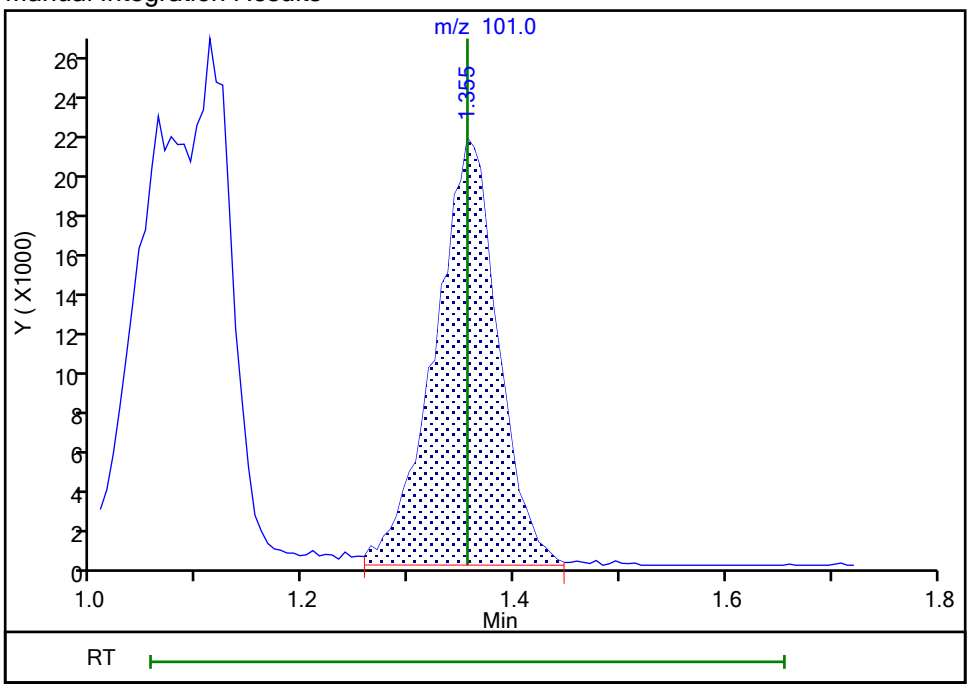
Processing Integration Results

RT: 1.46
Area: 258
Amount: 0.106881
Amount Units: ug/l



Manual Integration Results

RT: 1.36
Area: 89074
Amount: 22.266448
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:09:59
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

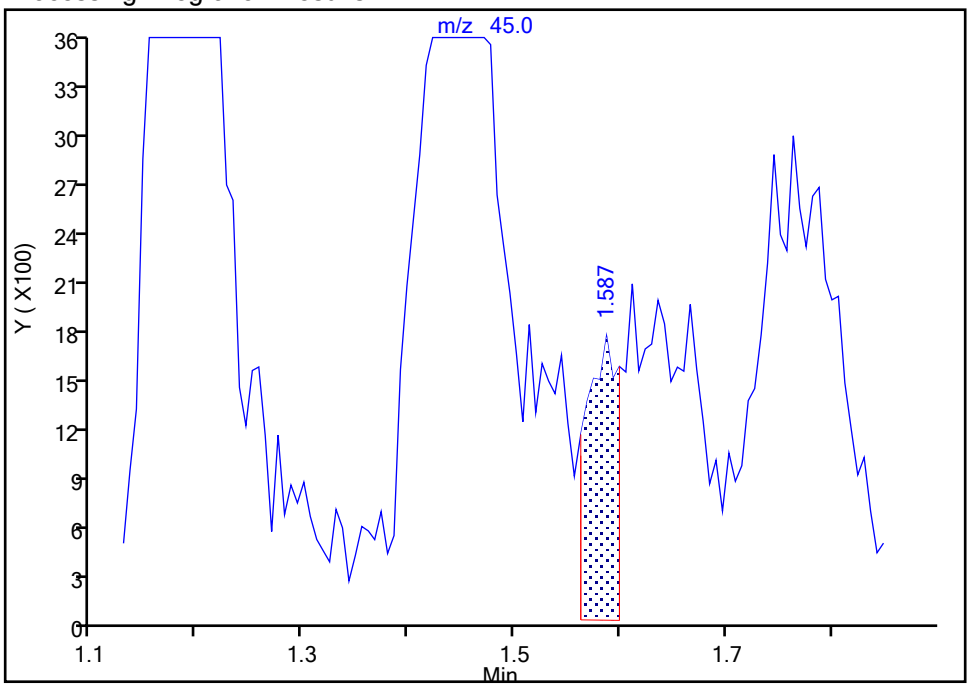
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

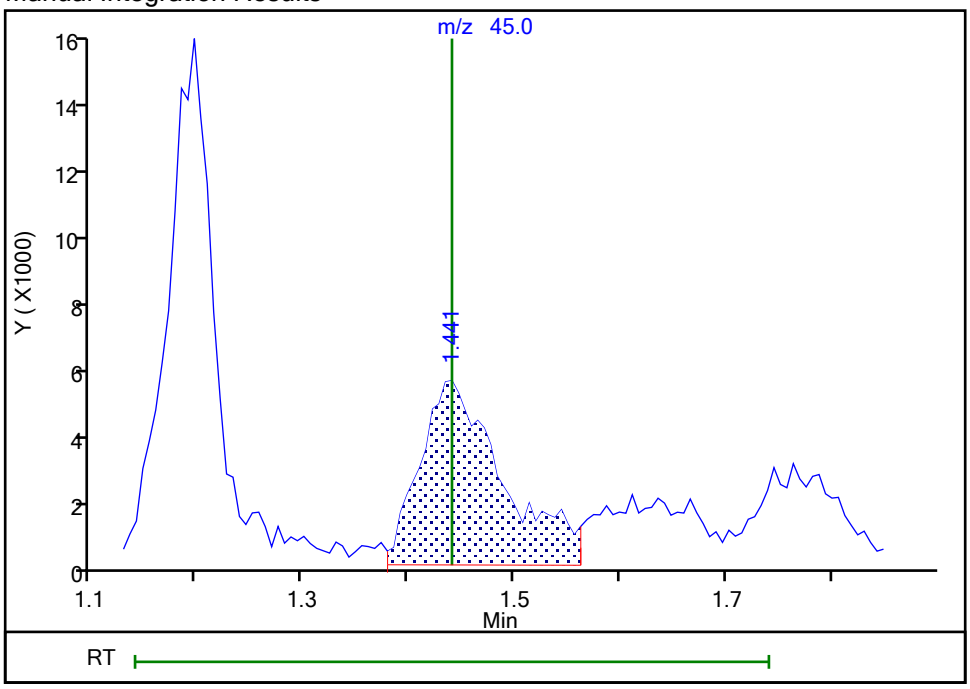
Processing Integration Results

RT: 1.59
Area: 3621
Amount: 18.208516
Amount Units: ug/l



Manual Integration Results

RT: 1.44
Area: 28553
Amount: 185.9445
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:10:51
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

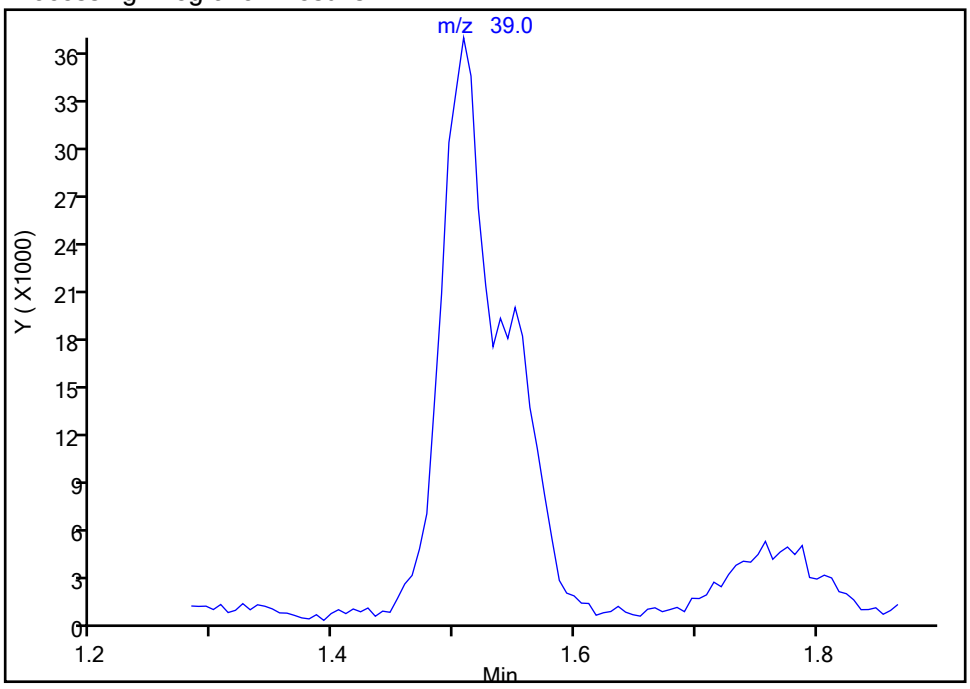
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

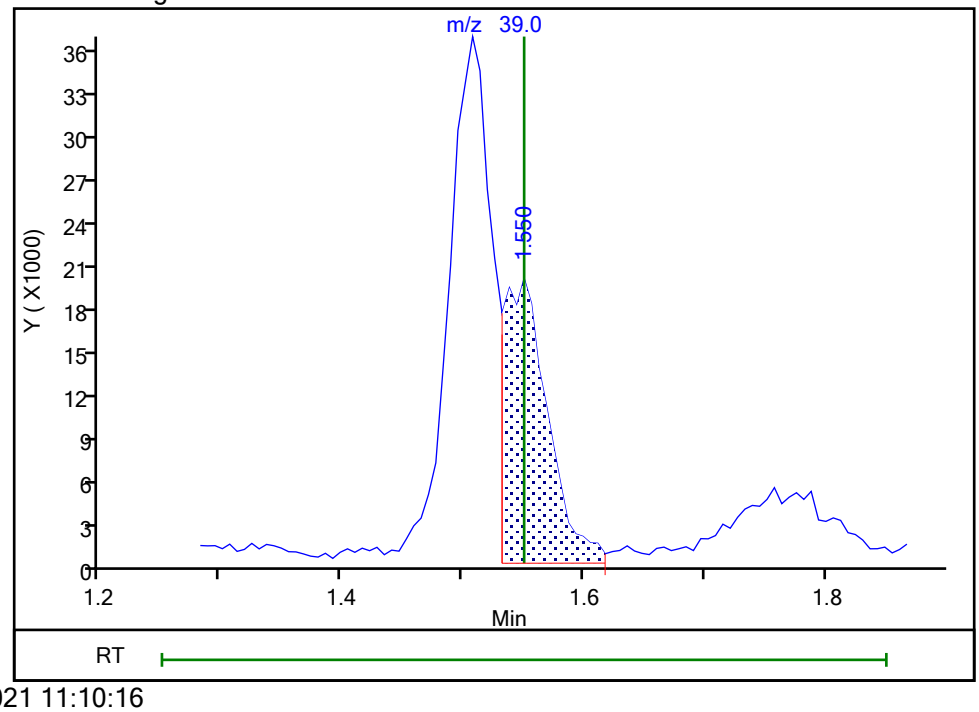
Not Detected
Expected RT: 1.55

Processing Integration Results



Manual Integration Results

RT: 1.55
Area: 50914
Amount: 252.2908
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:10:16
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

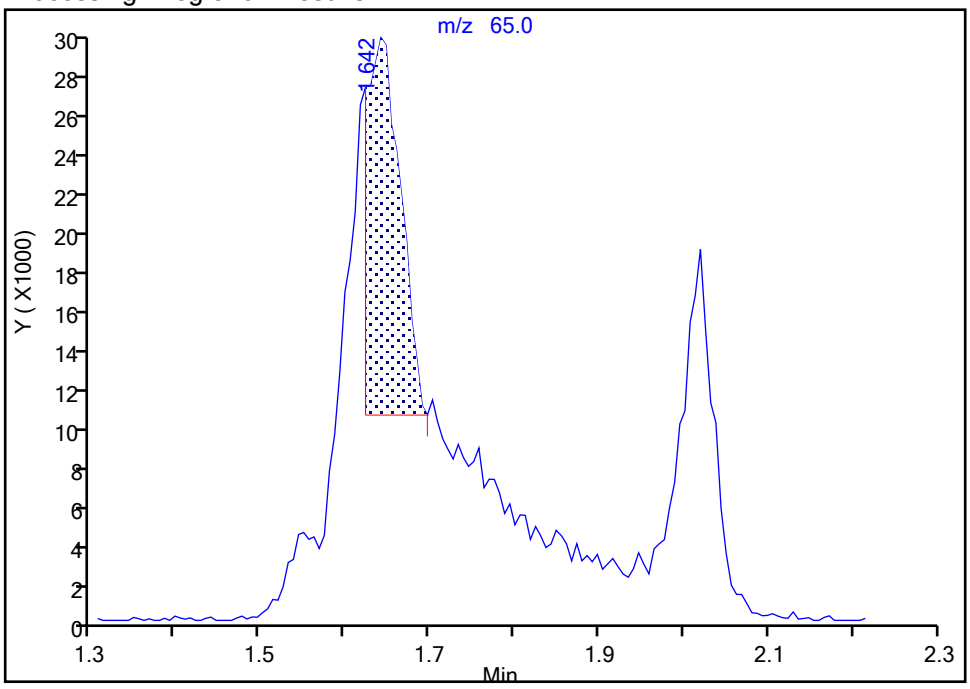
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

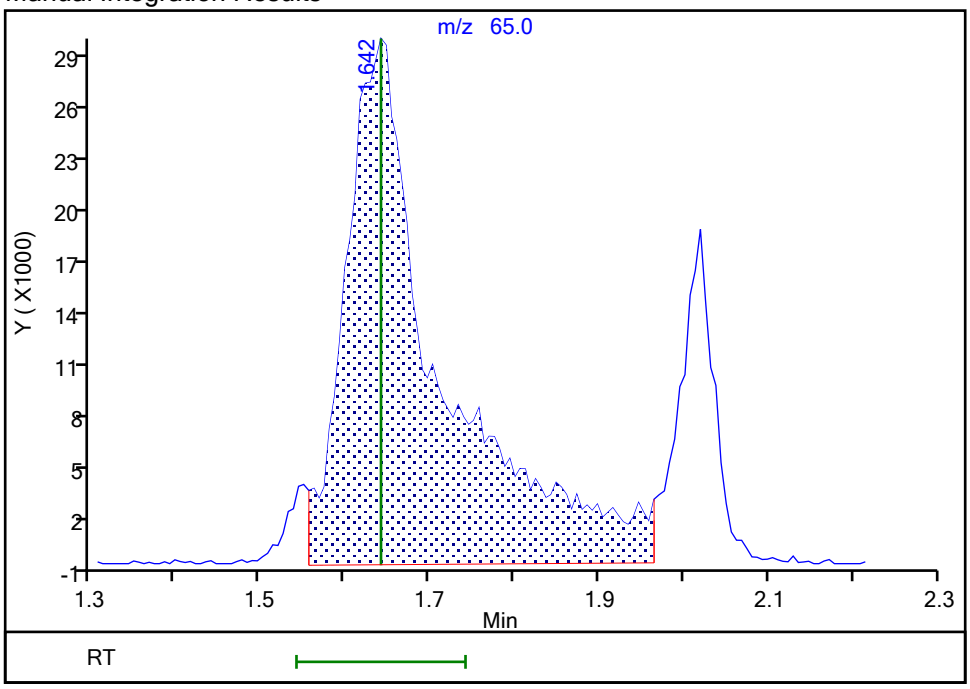
Processing Integration Results

RT: 1.64
Area: 52518
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.64
Area: 230269
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:07:58
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

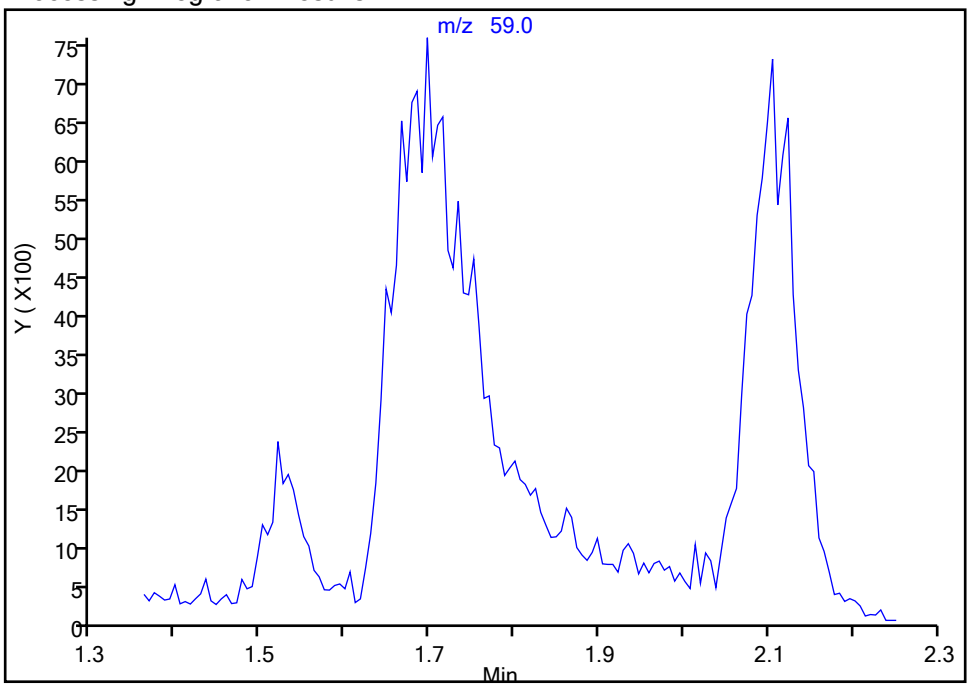
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

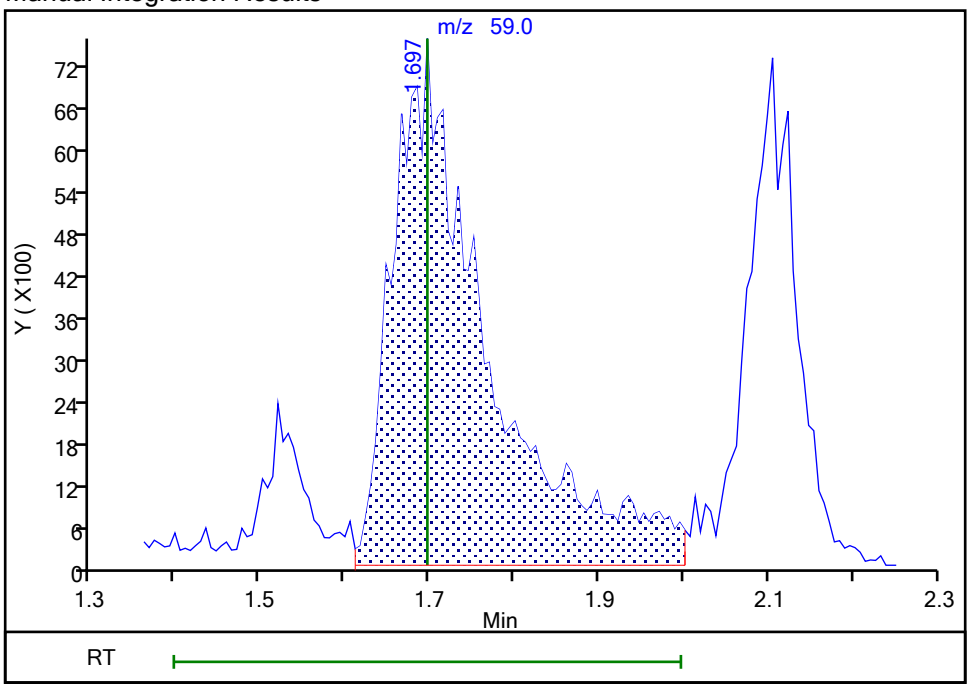
Not Detected
Expected RT: 1.70

Processing Integration Results



Manual Integration Results

RT: 1.70
Area: 58181
Amount: 204.3646
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:09:46
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

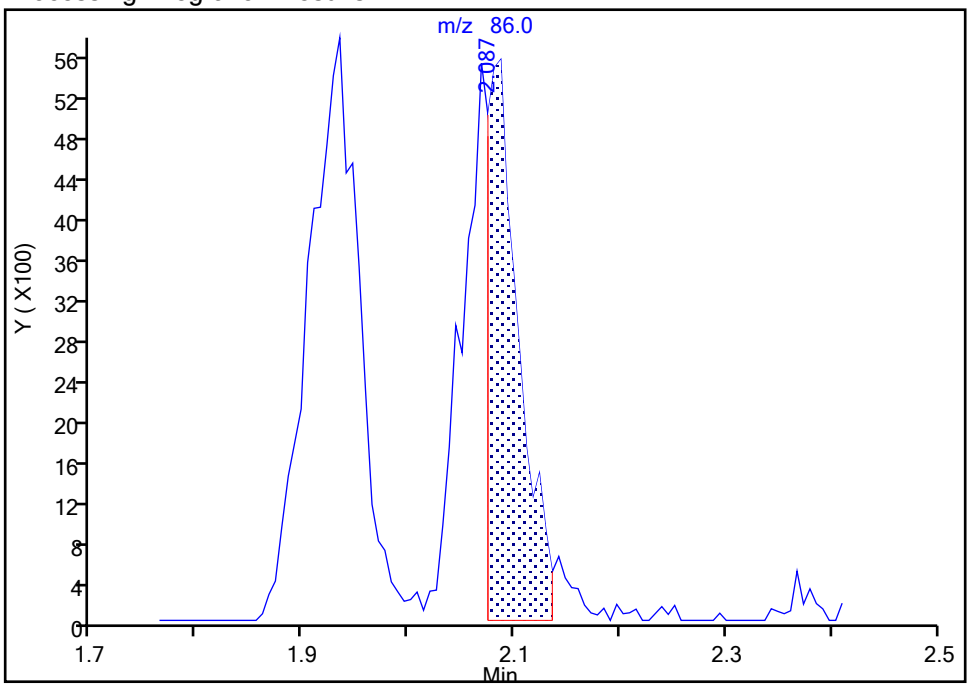
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

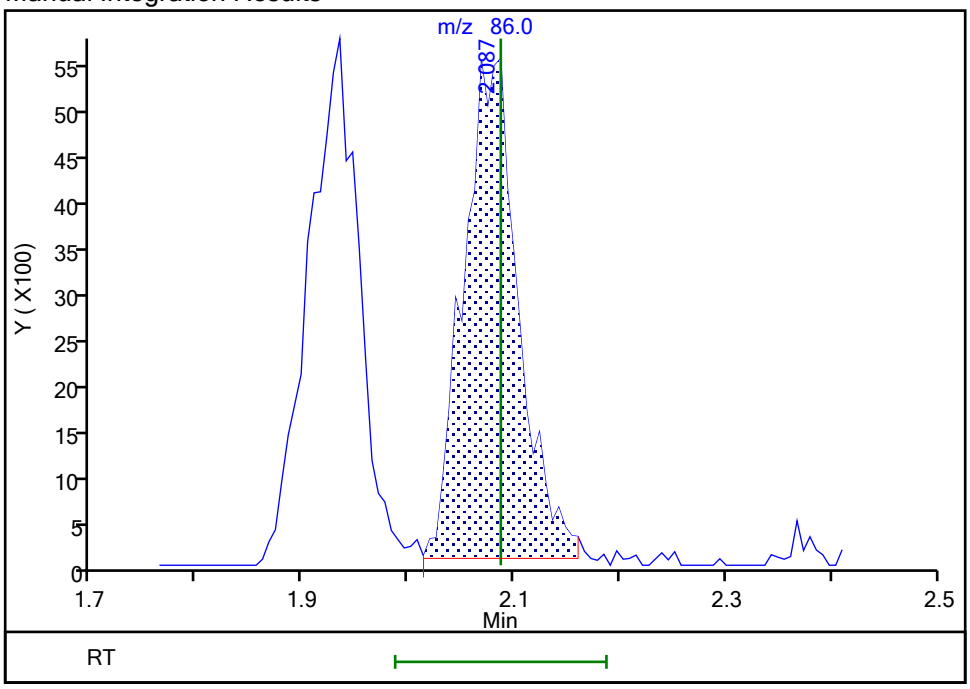
Processing Integration Results

RT: 2.09
Area: 11671
Amount: 40.013698
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 19764
Amount: 41.245816
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:11:08
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

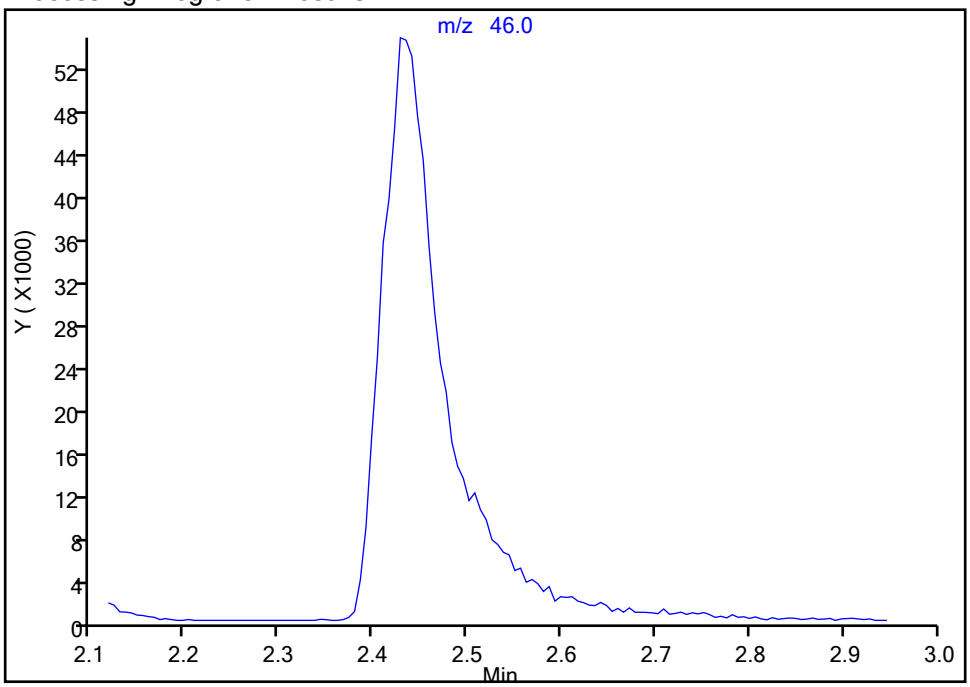
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

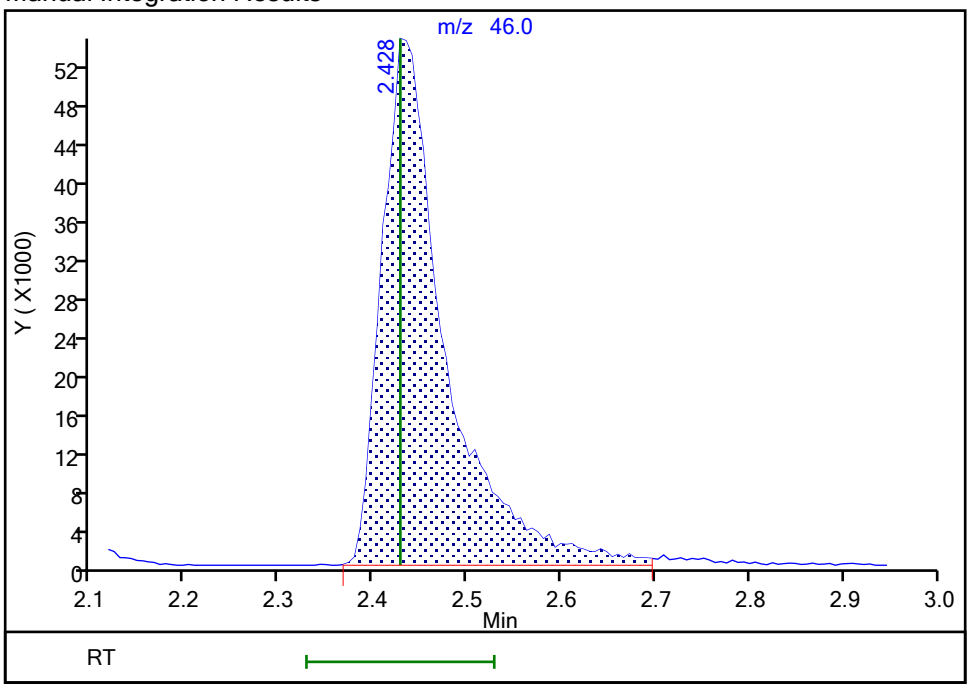
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 255032
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:08:05
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

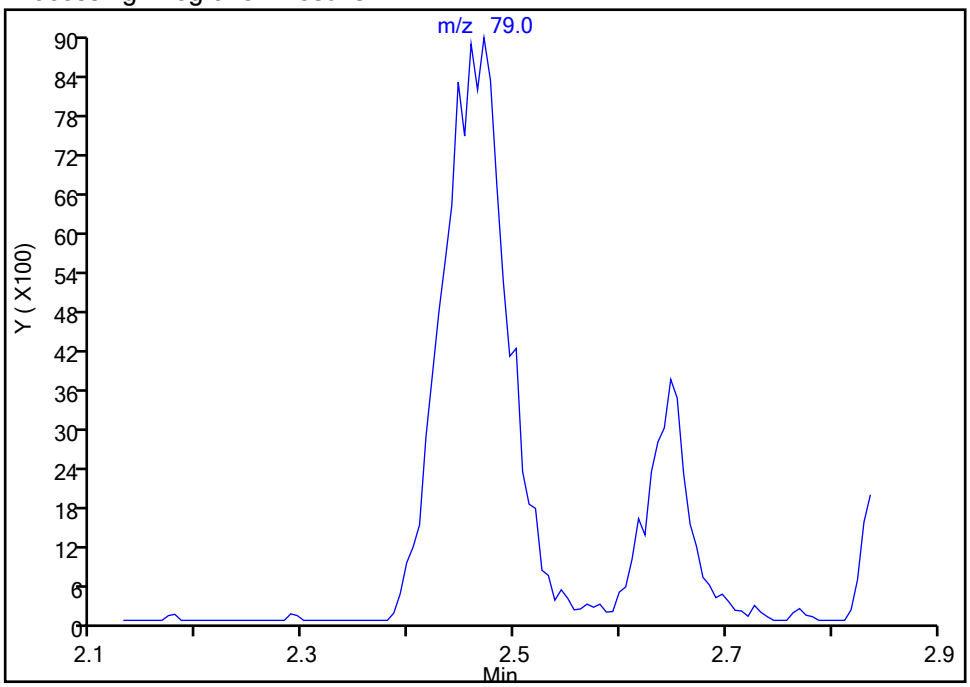
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

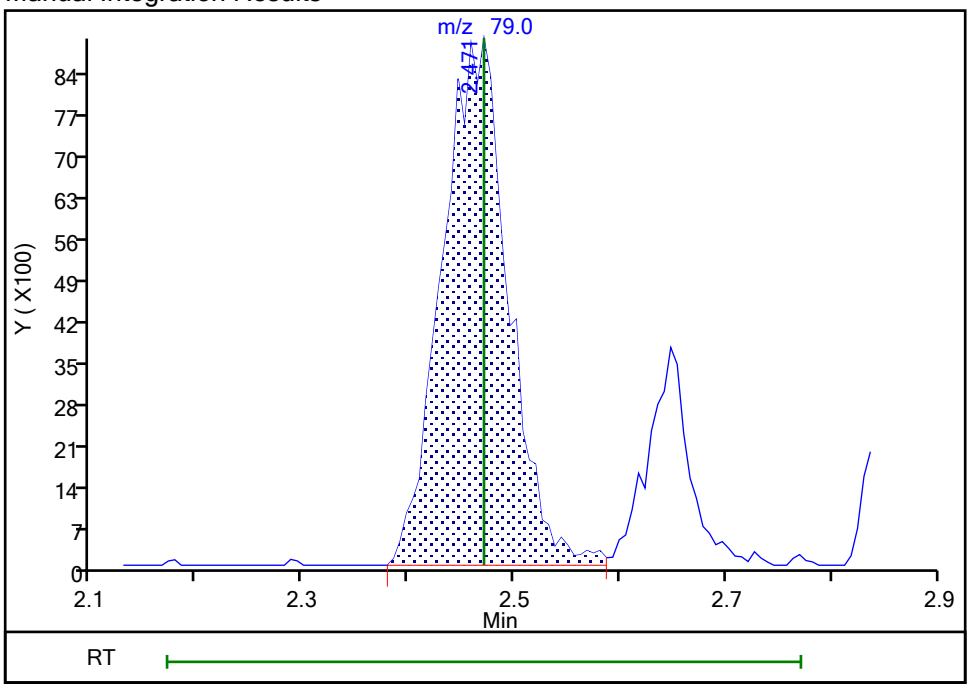
Not Detected
Expected RT: 2.47

Processing Integration Results



Manual Integration Results

RT: 2.47
Area: 39091
Amount: 21.371492
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:11:19
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

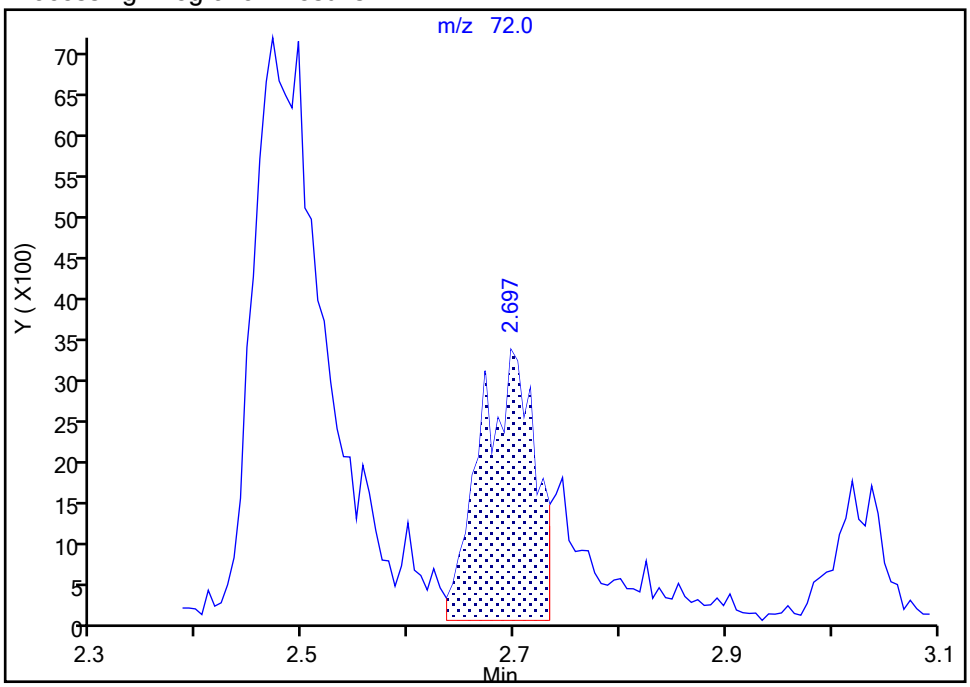
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

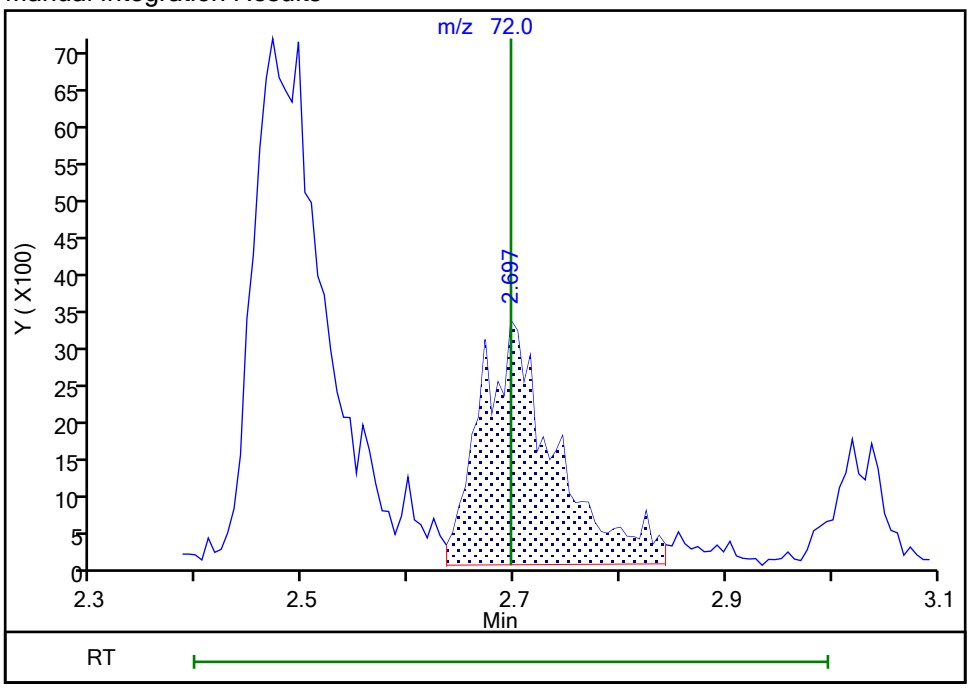
Processing Integration Results

RT: 2.70
Area: 11921
Amount: 34.419095
Amount Units: ug/l



Manual Integration Results

RT: 2.70
Area: 16209
Amount: 41.106061
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:11:54
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

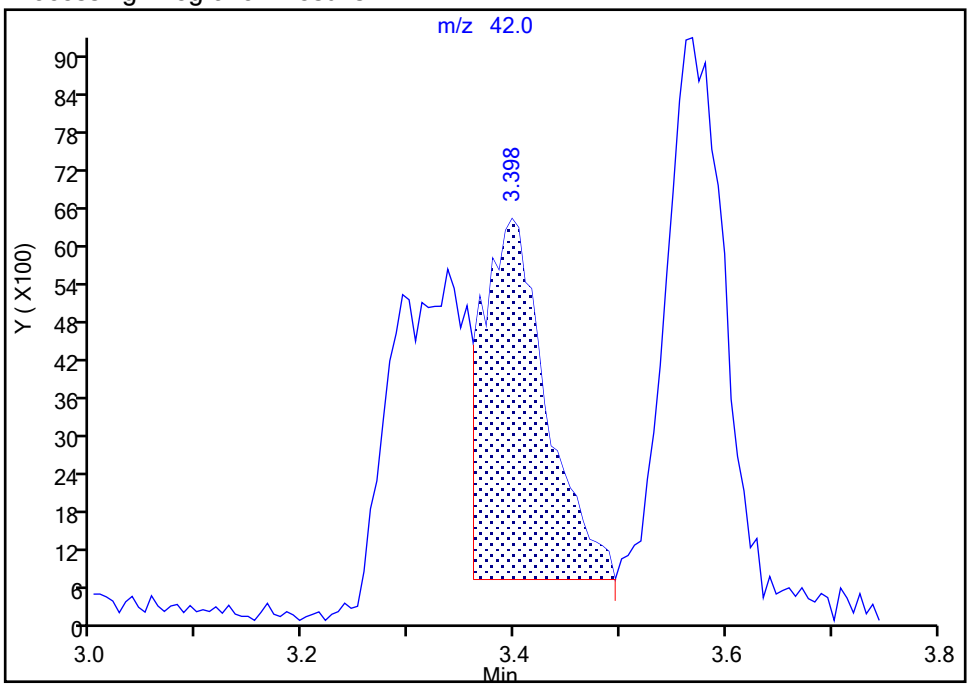
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

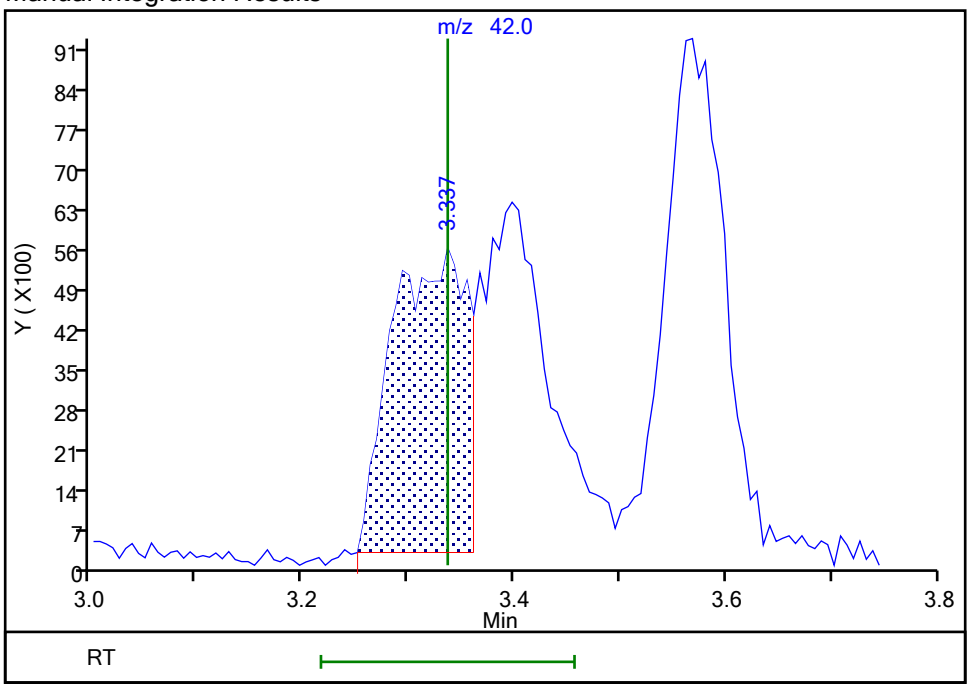
Processing Integration Results

RT: 3.40
Area: 24438
Amount: 558.8663
Amount Units: ug/l



Manual Integration Results

RT: 3.34
Area: 26404
Amount: 452.2453
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:12:11
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

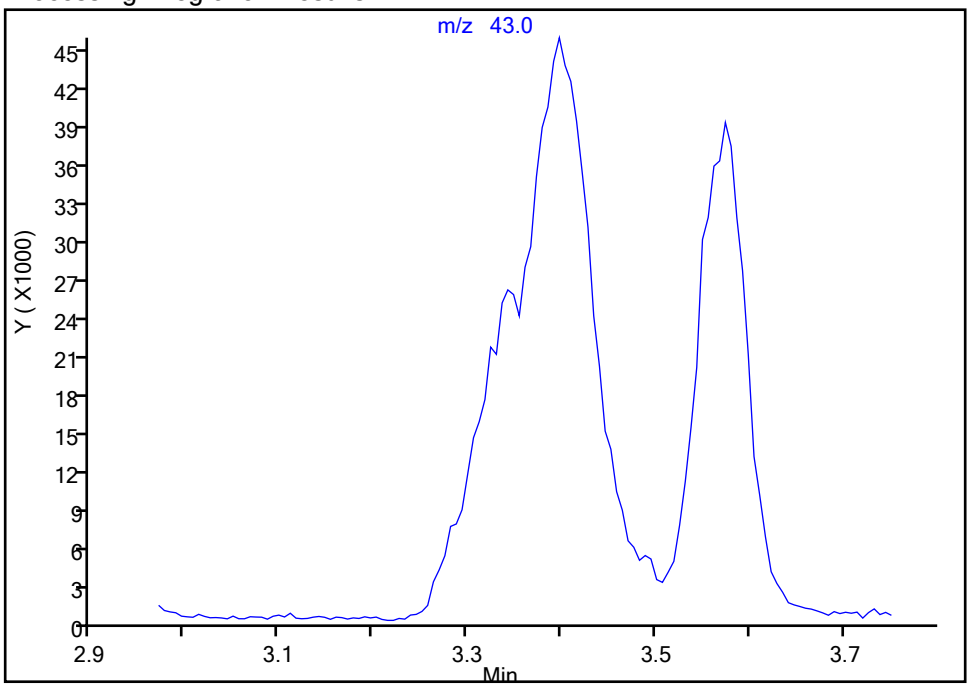
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

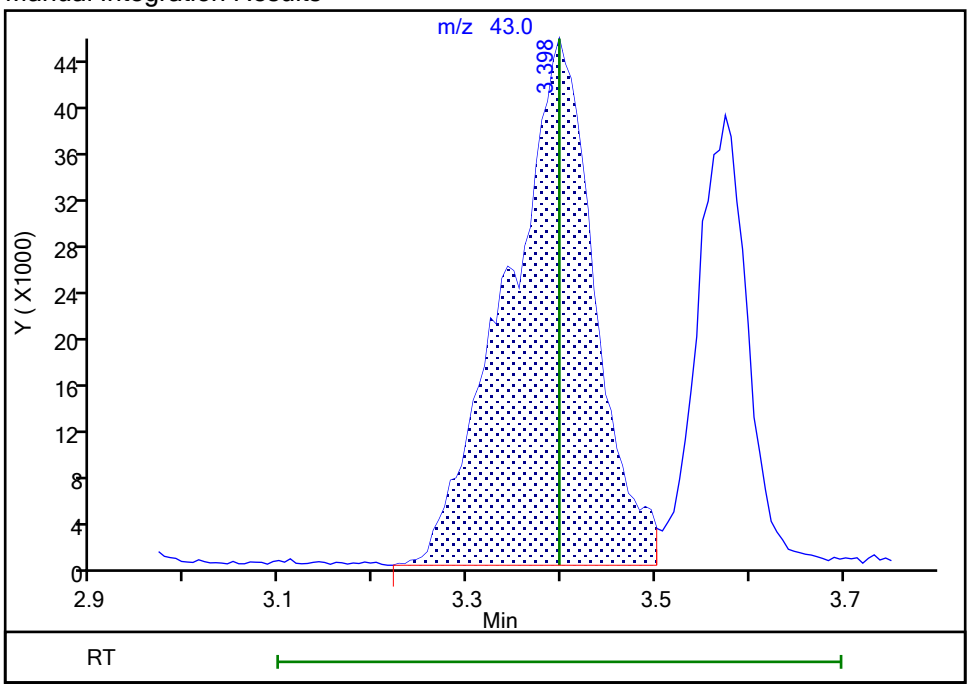
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.40
Area: 292539
Amount: 21.103984
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:12:18
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

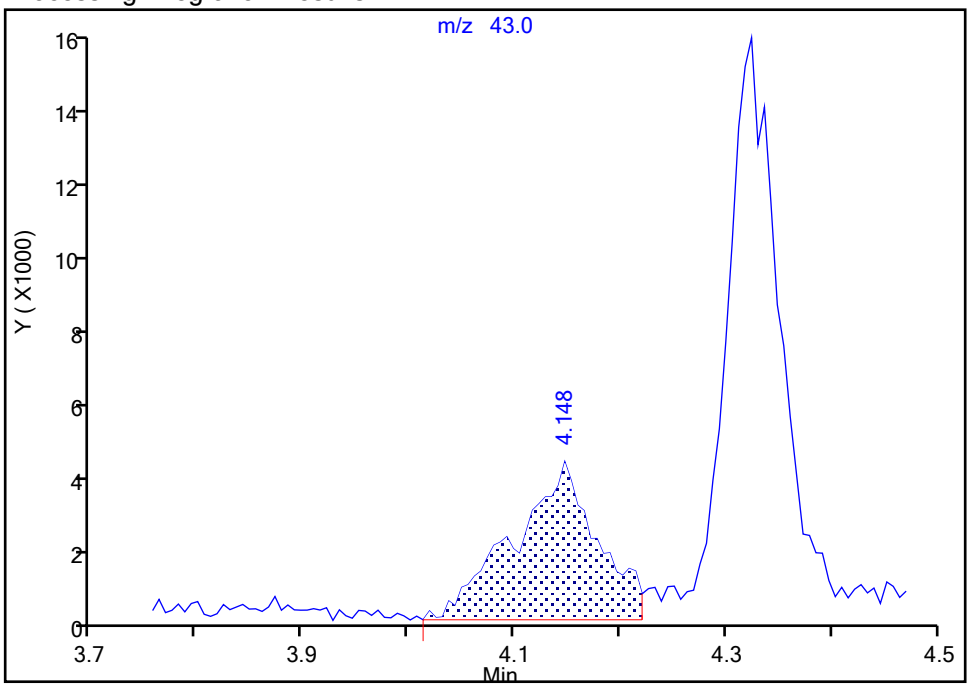
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

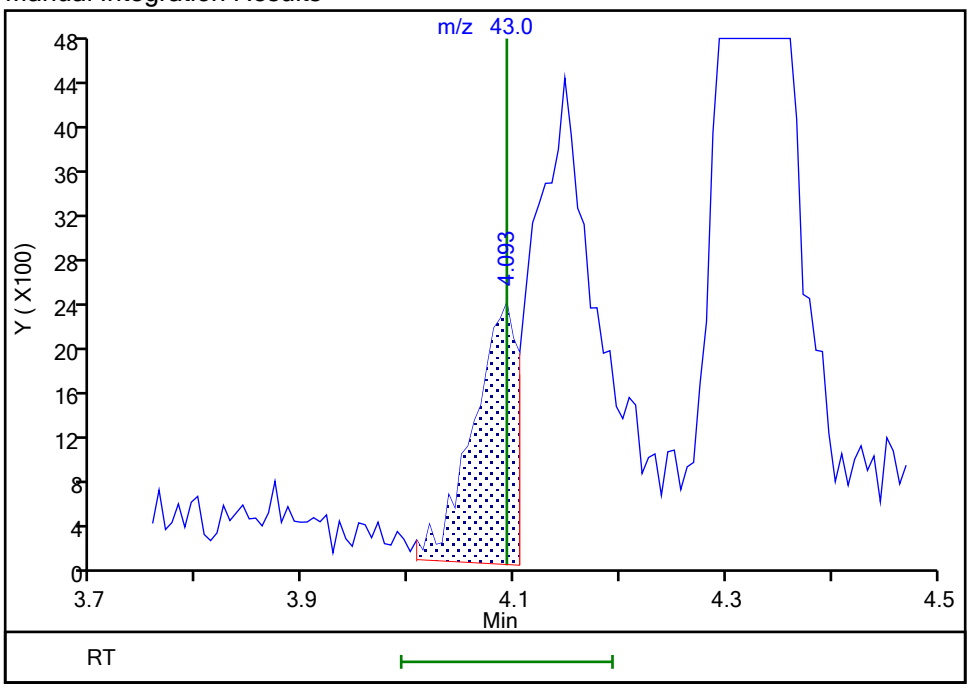
Processing Integration Results

RT: 4.15
Area: 23374
Amount: 687.5884
Amount Units: ug/l



Manual Integration Results

RT: 4.09
Area: 6998
Amount: 387.4996
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 13:21:46
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

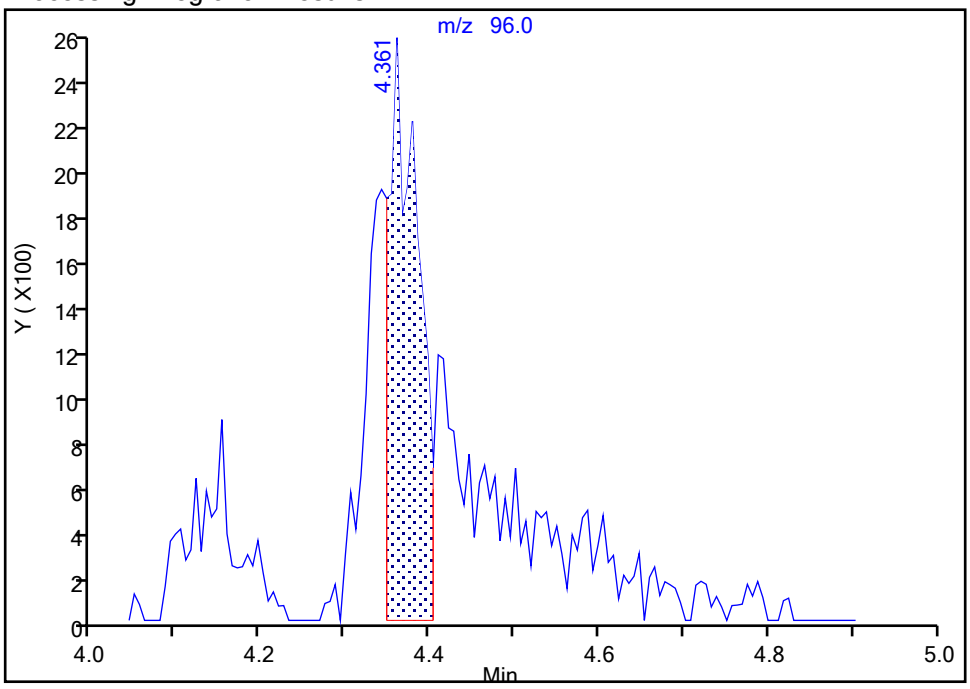
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

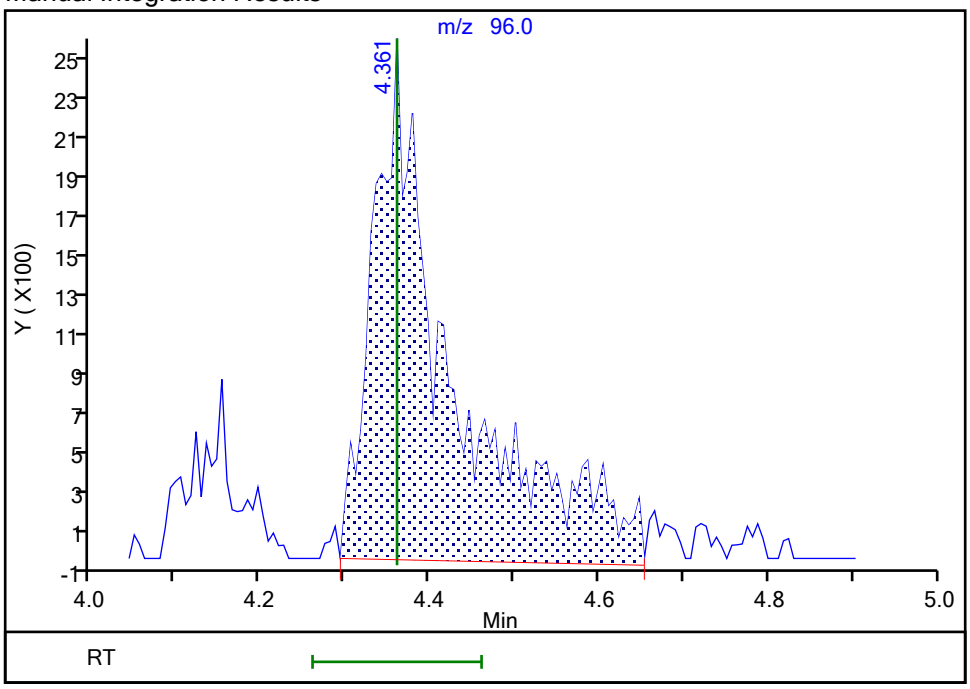
Processing Integration Results

RT: 4.36
Area: 6152
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.36
Area: 16065
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:08:32
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

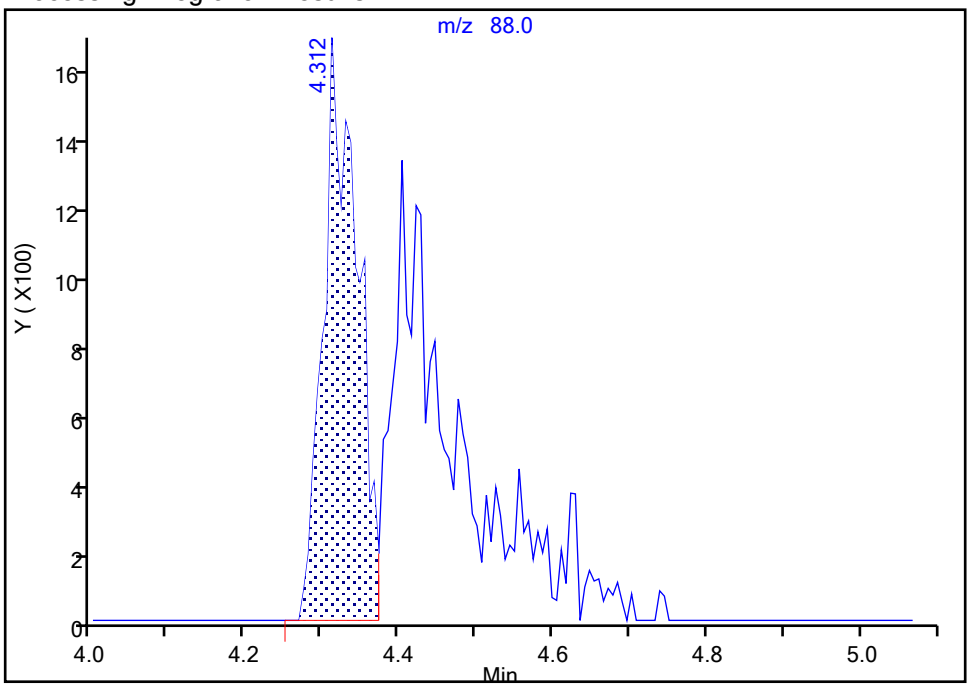
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

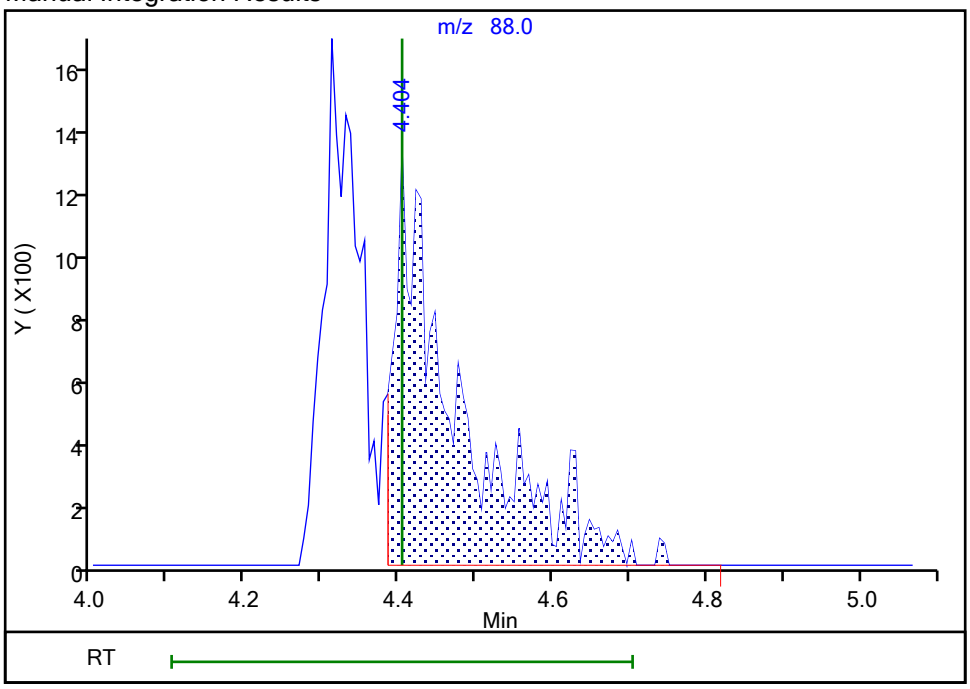
Processing Integration Results

RT: 4.31
Area: 5090
Amount: 400.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.40
Area: 7150
Amount: 382.3683
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:37:40
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

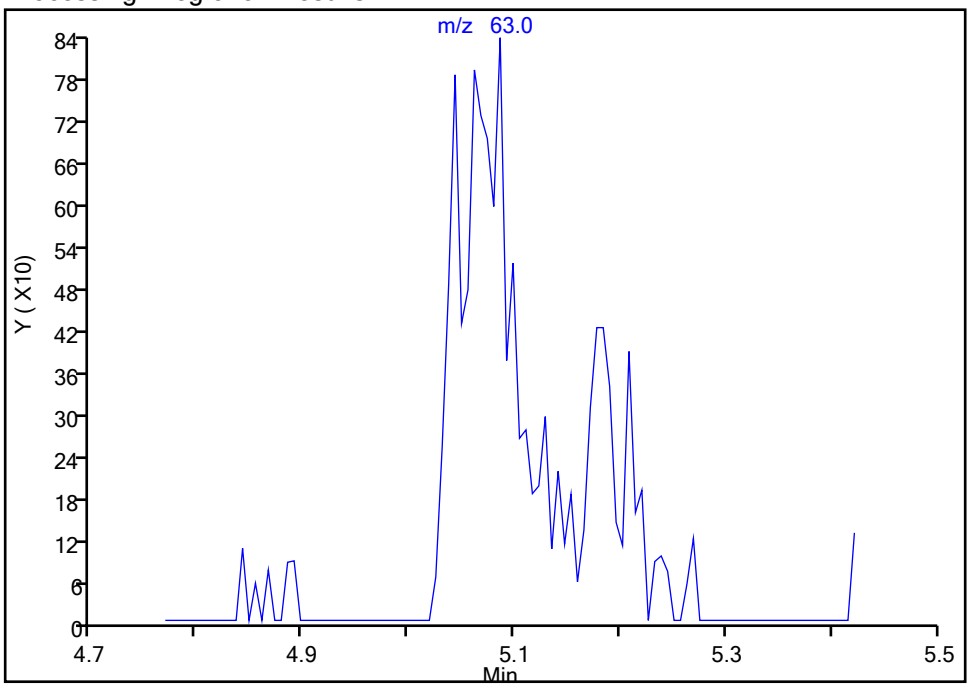
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

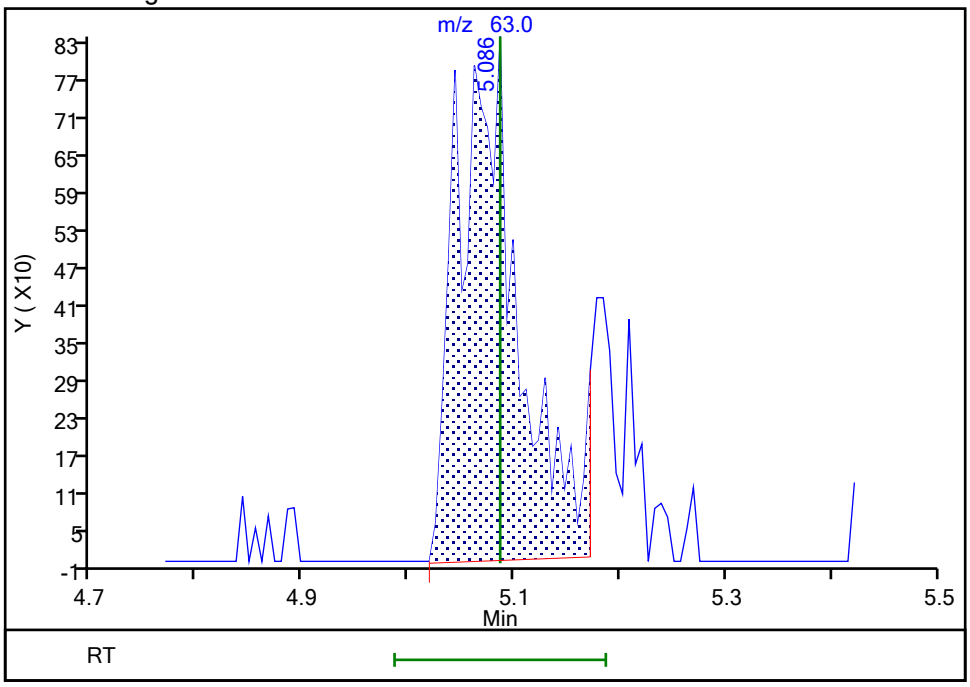
Not Detected
Expected RT: 5.09

Processing Integration Results



Manual Integration Results

RT: 5.09
Area: 3365
Amount: 12.625716
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:15:15
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

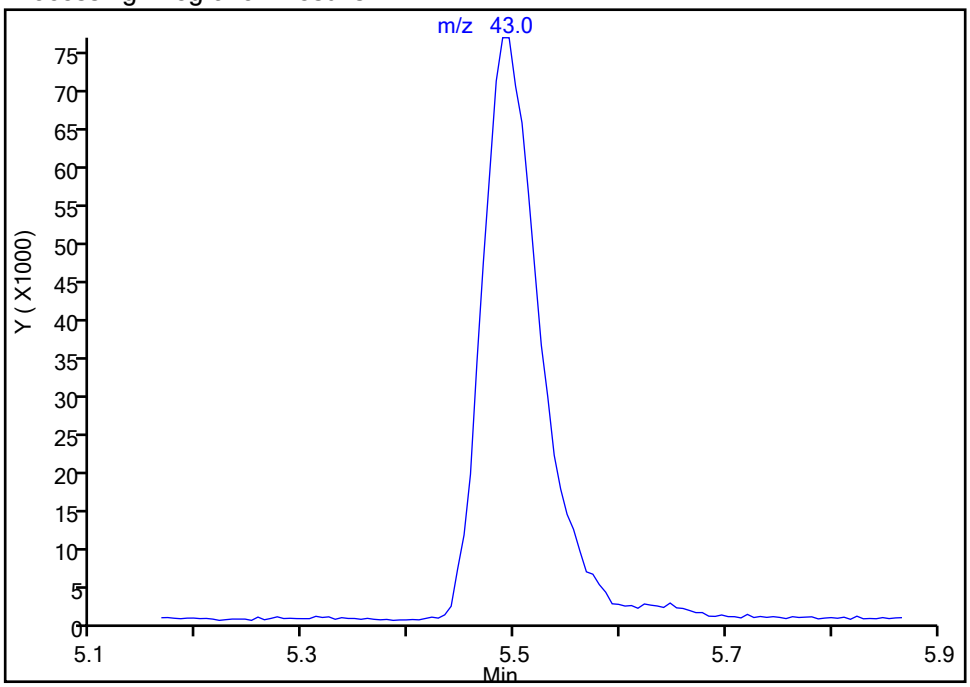
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69795.D
Injection Date: 11-Mar-2021 10:46:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

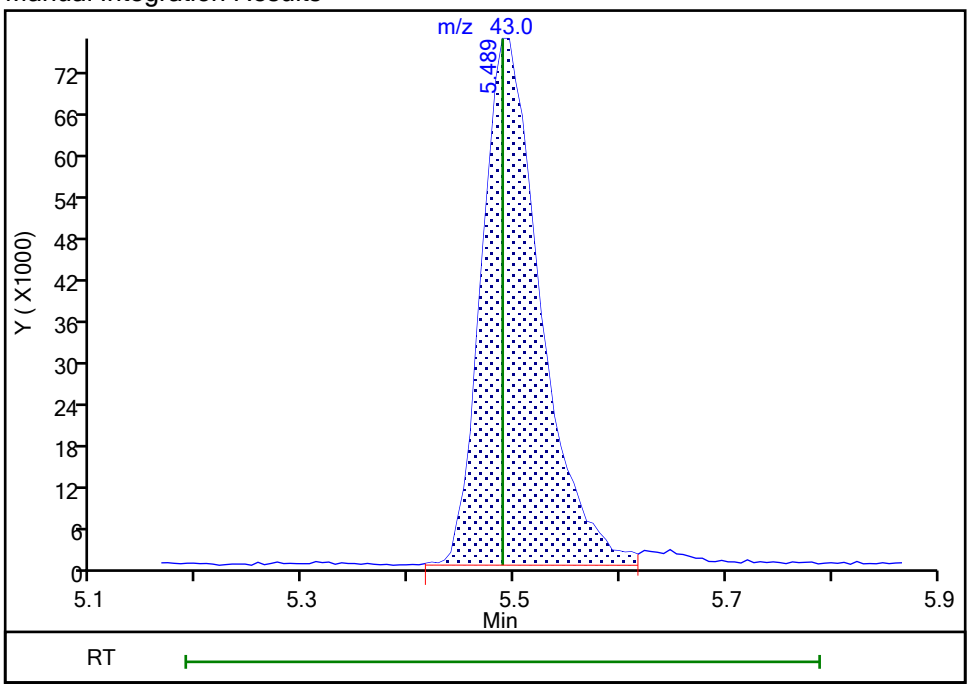
Not Detected
Expected RT: 5.49

Processing Integration Results



Manual Integration Results

RT: 5.49
Area: 296973
Amount: 100.9502
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:13:41
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 11-Mar-2021 11:12:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0125263-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:01:38 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 11-Mar-2021 11:44:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.697	0.685	0.012	98	430893	NC	NC	
4 Chlorodifluoromethane	67	0.703	0.691	0.012	95	46830	50.0	48.5	
3 Dichlorodifluoromethane	85	0.709	0.697	0.012	72	399857	50.0	51.3	
5 Chloromethane	50	0.788	0.776	0.012	99	359895	50.0	48.6	
6 Butadiene	54	0.813	0.801	0.012	97	244298	50.0	49.9	
7 Vinyl chloride	62	0.837	0.825	0.012	98	265129	50.0	49.7	
8 Bromomethane	94	0.965	0.953	0.012	99	199066	50.0	48.9	
9 Chloroethane	64	0.983	0.971	0.012	99	141681	50.0	47.0	
10 Dichlorofluoromethane	67	1.087	1.075	0.012	99	370171	50.0	47.7	
12 Pentane	72	1.105	1.099	0.006	95	61470	100.0	97.3	
11 Trichlorofluoromethane	101	1.124	1.112	0.012	97	368386	50.0	49.9	M
14 Ethanol	46	1.221	1.191	0.030	66	14222	2000.0	2103.6	
13 Ethyl ether	59	1.203	1.191	0.012	97	134045	50.0	50.3	
15 2-Methyl-1,3-butadiene	53	1.221	1.209	0.012	98	176498	50.0	49.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.239	1.240	-0.001	93	194362	50.0	48.4	
18 Acrolein	56	1.276	1.264	0.012	92	153195	400.0	403.0	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.270	1.276	-0.006	92	295138	50.0	48.3	a
19 1,1-Dichloroethene	96	1.325	1.319	0.006	98	188923	50.0	49.3	
21 Acetone	43	1.355	1.343	0.012	85	221867	250.0	221.6	
20 112TCTFE	101	1.367	1.355	0.012	97	227644	50.0	51.6	a
22 Iodomethane	142	1.404	1.392	0.012	98	405158	50.0	50.8	
23 Carbon disulfide	76	1.434	1.422	0.012	99	679707	50.0	49.4	
24 Isopropyl alcohol	45	1.453	1.441	0.012	96	94623	500.0	485.5	
25 3-Chloro-1-propene	39	1.520	1.508	0.012	92	251345	50.0	52.4	
26 Methyl acetate	43	1.538	1.532	0.006	99	256618	100.0	105.0	
27 Acetonitrile	39	1.563	1.550	0.012	27	111181	500.0	434.0	a
28 Methylene Chloride	84	1.593	1.587	0.006	91	210795	50.0	50.6	
* 29 TBA-d9 (IS)	65	1.654	1.642	0.012	0	292281	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.703	1.697	0.006	91	189130	500.0	523.4	a
31 Acrylonitrile	53	1.745	1.733	0.012	94	638462	500.0	502.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.752	1.746	0.006	95	217521	50.0	51.2	
33 Methyl tert-butyl ether	73	1.782	1.776	0.006	97	568034	50.0	51.6	
34 Hexane	57	1.940	1.928	0.012	93	316181	50.0	52.4	
35 1,1-Dichloroethane	63	2.026	2.020	0.006	100	371515	50.0	50.1	
36 Vinyl acetate	86	2.087	2.087	0.000	100	58070	100.0	95.2	
37 2-Chloro-1,3-butadiene	88	2.093	2.087	0.006	69	182427	50.0	50.0	
38 Isopropyl ether	45	2.117	2.099	0.018	92	654283	50.0	51.7	
39 Tert-butyl ethyl ether	87	2.392	2.373	0.019	89	241258	50.0	53.2	
* 40 2-Butanone-d5	46	2.446	2.428	0.018	0	324705	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.465	2.453	0.012	96	223952	50.0	50.5	
42 2,2-Dichloropropane	79	2.471	2.471	0.000	80	102892	50.0	51.0	
43 2-Butanone (MEK)	72	2.489	2.471	0.018	97	97612	250.0	214.5	
44 Propionitrile	54	2.538	2.532	0.006	94	216559	500.0	501.7	
45 Ethyl acetate	70	2.562	2.556	0.006	99	30219	100.0	98.3	
62 Methyl acrylate	55	2.587	2.569	0.018	99	187569	50.0	51.1	
46 Chlorobromomethane	128	2.654	2.648	0.006	88	114059	50.0	49.6	
47 Methacrylonitrile	67	2.660	2.654	0.006	93	704950	500.0	540.0	
48 Tetrahydrofuran	72	2.703	2.697	0.006	89	52237	100.0	103.7	
49 Chloroform	83	2.745	2.739	0.006	99	354116	50.0	49.0	
$ 50 Dibromofluoromethane (Surr)	113	2.879	2.873	0.006	95	189500	50.0	51.9	
51 1,1,1-Trichloroethane	97	2.892	2.879	0.013	99	334985	50.0	50.2	
52 Cyclohexane	84	2.934	2.922	0.012	93	327227	50.0	50.4	
54 1,1-Dichloropropene	75	3.032	3.026	0.006	96	277145	50.0	49.9	
53 Carbon tetrachloride	117	3.038	3.032	0.006	99	291847	50.0	49.4	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.184	3.172	0.012	0	201060	50.0	53.4	
56 Benzene	78	3.227	3.221	0.006	95	783256	50.0	48.8	
57 1,2-Dichloroethane	62	3.251	3.245	0.006	97	253954	50.0	50.3	
58 Isobutyl alcohol	42	3.288	3.337	-0.049	73	82526	1250.0	1113.6	a
59 Tert-amyl methyl ether	73	3.398	3.385	0.013	93	653422	50.0	54.1	
73 Isopropyl acetate	43	3.404	3.398	0.006	98	876172	50.0	57.3	
* 60 Fluorobenzene	96	3.526	3.520	0.006	98	642011	50.0	50.0	
61 n-Heptane	43	3.574	3.574	0.000	94	377933	50.0	51.6	
63 Trichloroethene	95	3.934	3.928	0.006	98	209795	50.0	50.5	
64 n-Butanol	43	4.056	4.093	-0.037	86	23566	1250.0	990.4	a
65 Methylcyclohexane	83	4.147	4.135	0.012	91	385276	50.0	51.0	
66 Ethyl acrylate	55	4.153	4.154	-0.001	96	530948	50.0	53.9	
67 1,2-Dichloropropane	63	4.184	4.184	0.000	94	205506	50.0	50.9	
68 Dibromomethane	93	4.318	4.318	0.000	92	119958	50.0	50.9	
* 69 1,4-Dioxane-d8	96	4.361	4.361	0.000	0	15324	1000.0	1000.0	
70 1,4-Dioxane	88	4.410	4.404	0.006	27	21909	1000.0	1228.3	a
71 Methyl methacrylate	100	4.452	4.440	0.012	94	93009	100.0	113.0	
72 Dichlorobromomethane	83	4.568	4.562	0.006	99	259217	50.0	50.3	
81 n-Propyl acetate	43	4.568	4.574	-0.006	84	245029	50.0	53.9	
74 2-Nitropropane	41	4.891	4.891	0.000	98	81895	100.0	109.5	
75 2-Chloroethyl vinyl ether	63	5.074	5.086	-0.012	31	13454	50.1	44.8	
76 Epichlorohydrin	57	5.092	5.086	0.006	100	167564	1000.0	862.7	
77 cis-1,3-Dichloropropene	75	5.196	5.184	0.012	94	305869	50.0	52.3	
78 4-Methyl-2-pentanone (MIBK)	43	5.495	5.489	0.006	97	921644	250.0	246.1	a
$ 79 Toluene-d8 (Surr)	98	5.556	5.550	0.006	99	688587	50.0	50.0	
80 Toluene	91	5.653	5.653	0.000	94	837007	50.0	48.4	
82 trans-1,3-Dichloropropene	75	6.080	6.080	0.000	97	266988	50.0	52.1	
83 1,1,2-Trichloroethane	83	6.342	6.342	0.000	94	137852	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.354	6.348	0.006	92	229645	50.0	56.6	
85 Tetrachloroethene	166	6.494	6.495	-0.001	97	247053	50.0	50.1	
86 1,3-Dichloropropane	76	6.592	6.586	0.006	95	278750	50.0	50.5	
87 2-Hexanone	43	6.879	6.879	0.000	97	650670	250.0	265.6	
88 Chlorodibromomethane	129	6.952	6.952	0.000	98	194017	50.0	50.5	
89 Ethylene Dibromide	107	7.068	7.062	0.006	97	172653	50.0	52.2	
90 n-Butyl acetate	73	7.220	7.214	0.006	99	43066	50.0	52.4	
* 91 Chlorobenzene-d5	117	7.958	7.958	0.000	85	518780	50.0	50.0	
92 Chlorobenzene	112	8.012	8.007	0.005	95	555071	50.0	49.8	
93 1,1,1,2-Tetrachloroethane	131	8.232	8.232	0.000	95	209356	50.0	49.5	
94 Ethylbenzene	106	8.311	8.305	0.006	98	308861	50.0	50.6	
95 m-Xylene & p-Xylene	106	8.561	8.561	0.000	99	374139	50.0	51.2	
96 o-Xylene	106	9.287	9.281	0.006	94	375640	50.0	51.6	
97 Styrene	104	9.329	9.323	0.006	96	629784	50.0	52.1	
98 n-Butyl acrylate	73	9.506	9.500	0.006	97	129747	50.0	55.6	
99 Bromoform	173	9.573	9.567	0.006	98	145679	50.0	52.2	
101 Amyl acetate (mixed isomers)	43	9.982	9.982	0.000	90	321681	50.0	55.4	
102 Isopropylbenzene	105	10.018	10.018	0.000	96	1030985	50.0	52.1	
$ 103 4-Bromofluorobenzene	174	10.225	10.226	-0.001	93	248625	50.0	49.6	
104 Bromobenzene	156	10.396	10.396	0.000	94	269575	50.0	50.6	
105 1,2,3-Trichloropropane	110	10.622	10.616	0.006	99	66480	50.0	47.7	
106 1,1,2,2-Tetrachloroethane	83	10.628	10.628	0.000	98	242992	50.0	51.3	
107 trans-1,4-Dichloro-2-butene	53	10.738	10.732	0.006	87	62150	50.0	54.9	
108 N-Propylbenzene	120	10.756	10.756	0.000	99	293641	50.0	50.3	
109 2-Chlorotoluene	126	10.805	10.799	0.006	97	256422	50.0	49.7	
110 4-Ethyltoluene	105	10.981	10.975	0.006	99	1030760	50.0	51.5	
111 4-Chlorotoluene	91	11.012	11.012	0.000	97	867204	50.0	50.3	
112 1,3,5-Trimethylbenzene	105	11.109	11.110	-0.001	93	871075	50.0	50.0	
100 Butyl Methacrylate	87	11.475	11.475	0.000	98	246437	50.0	47.4	
113 tert-Butylbenzene	119	11.634	11.640	-0.006	94	722110	50.0	51.3	
114 1,2,4-Trimethylbenzene	105	11.731	11.725	0.006	97	902913	50.0	50.7	
115 sec-Butylbenzene	105	12.054	12.054	0.000	99	1163227	50.0	50.8	
116 1,3-Dichlorobenzene	146	12.128	12.128	0.000	97	527209	50.0	49.3	
* 117 1,4-Dichlorobenzene-d4	152	12.286	12.280	0.006	95	322434	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.329	12.329	0.000	96	528895	50.0	48.9	
119 4-Isopropyltoluene	119	12.402	12.408	-0.006	98	1002968	50.0	50.1	
120 1,2,3-Trimethylbenzene	105	12.518	12.512	0.006	98	928935	50.0	50.9	
121 Benzyl chloride	126	12.664	12.664	0.000	98	57822	50.0	40.2	
122 2,3-Dihydroindene	117	12.804	12.804	0.000	94	914266	50.0	54.4	
123 1,2-Dichlorobenzene	146	12.944	12.945	-0.001	97	520590	50.0	50.2	
124 p-Diethylbenzene	119	13.042	13.042	0.000	93	558396	50.0	52.0	
125 n-Butylbenzene	92	13.066	13.066	0.000	97	572540	50.0	50.4	
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	95	54924	50.0	53.7	
127 1,2,4,5-Tetramethylbenzene	119	13.780	13.780	0.000	98	1007950	50.0	54.2	
128 1,3,5-Trichlorobenzene	180	13.926	13.926	0.000	98	453451	50.0	48.7	
129 1,2,4-Trichlorobenzene	180	14.359	14.359	0.000	94	414360	50.0	48.9	
130 Hexachlorobutadiene	225	14.499	14.499	0.000	96	226526	50.0	47.4	
131 Naphthalene	128	14.511	14.511	0.000	99	888276	50.0	52.8	
132 1,2,3-Trichlorobenzene	180	14.664	14.664	0.000	96	405072	50.0	49.8	
S 133 1,2-Dichloroethene, Total	100				0		100.0	101.7	
S 134 1,3-Dichloropropene, Total	100				0		100.0	104.4	
S 135 Xylenes, Total	100				0		100.0	102.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		250.0	250.5	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00120	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00133	Amount Added:	5.00	Units: uL	
524freon_00034	Amount Added:	5.00	Units: uL	
GASES Li_00411	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:01:40 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D

Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2 Operator ID:

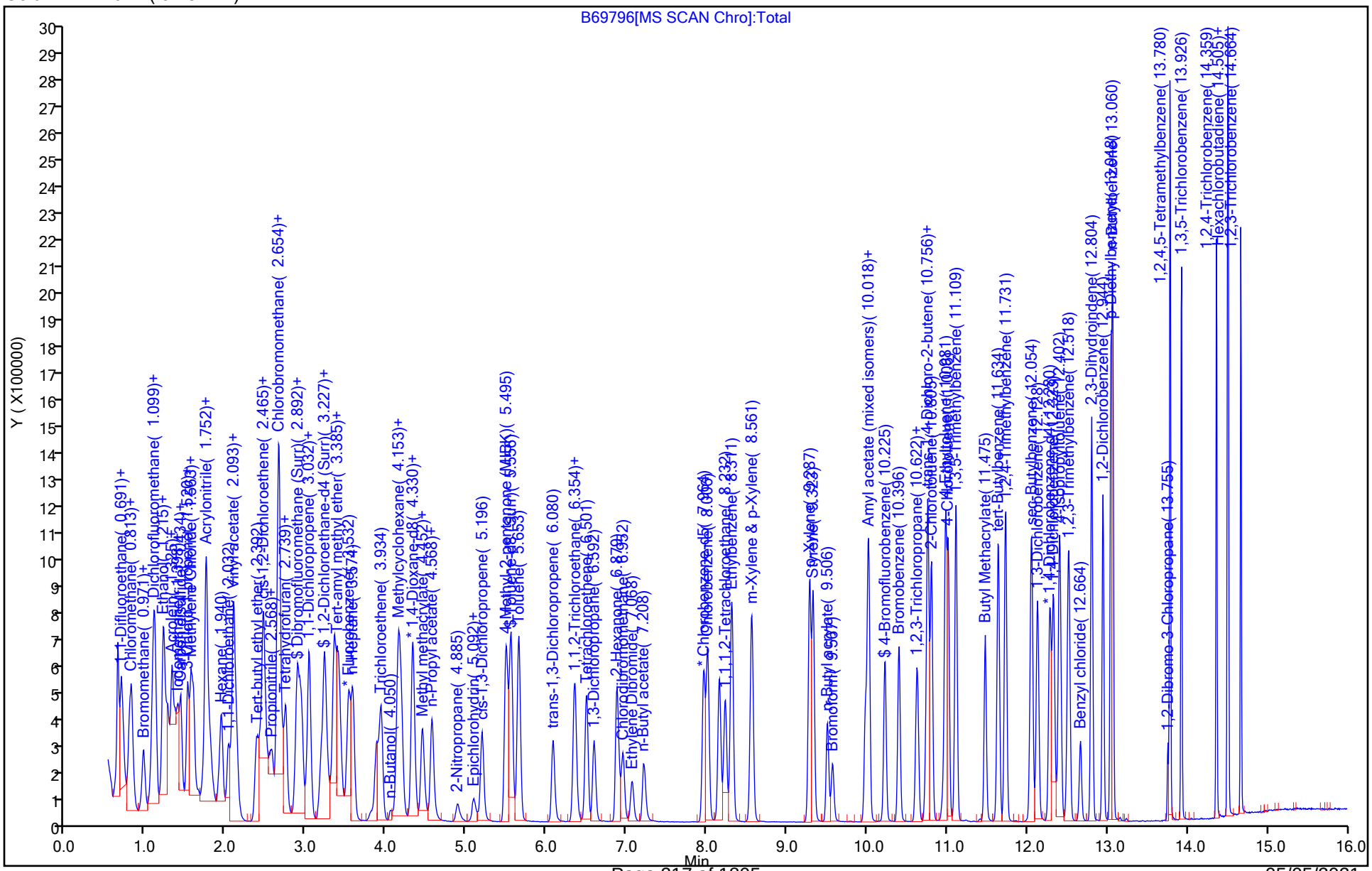
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

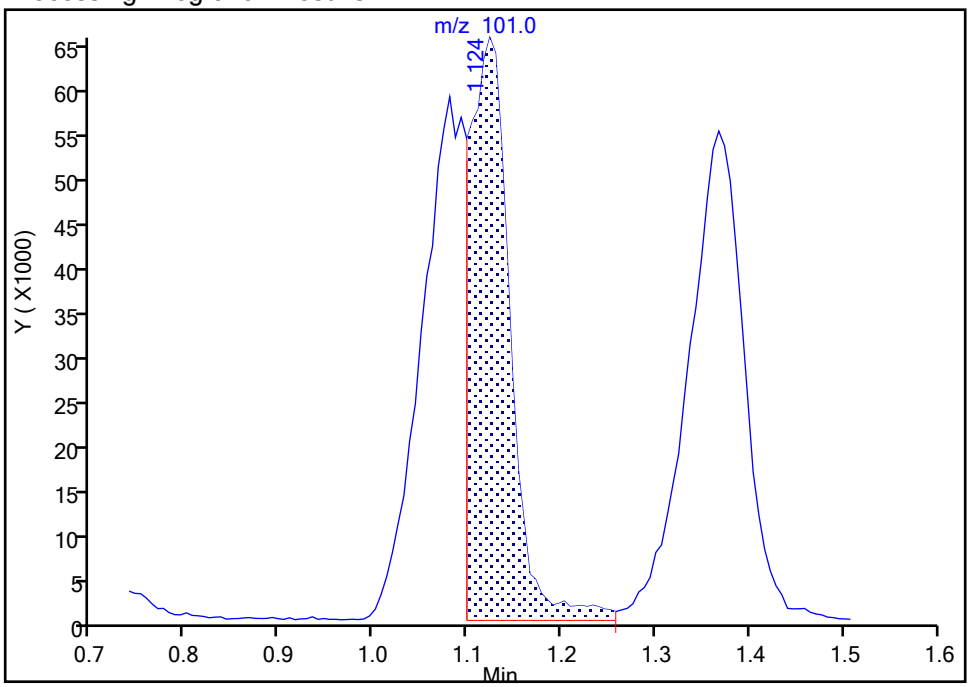
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

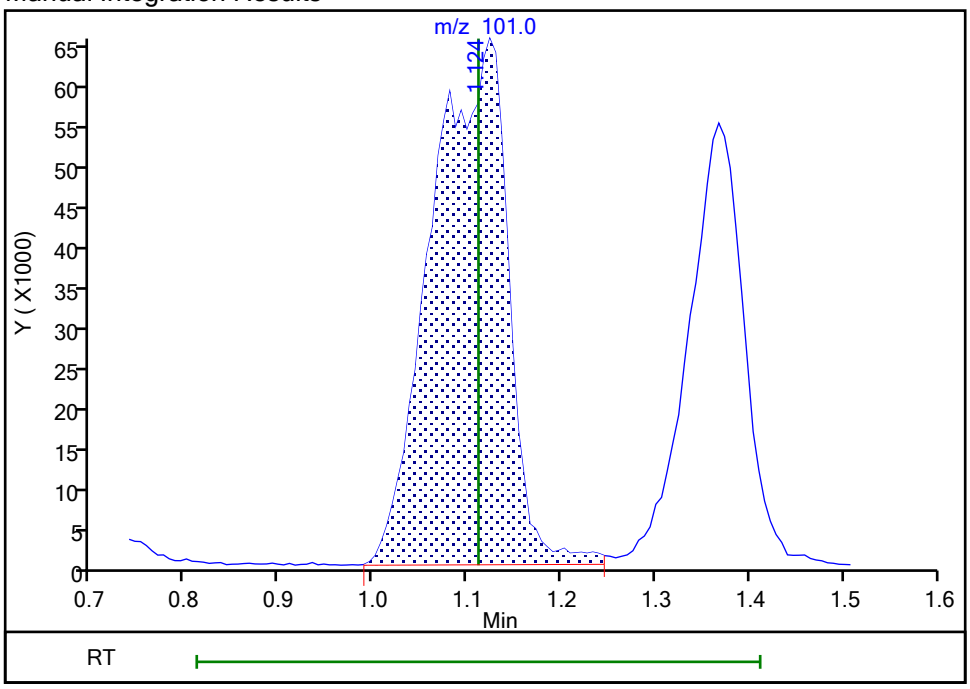
Processing Integration Results

RT: 1.12
Area: 197981
Amount: 32.996822
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 368386
Amount: 49.928854
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:42:33
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

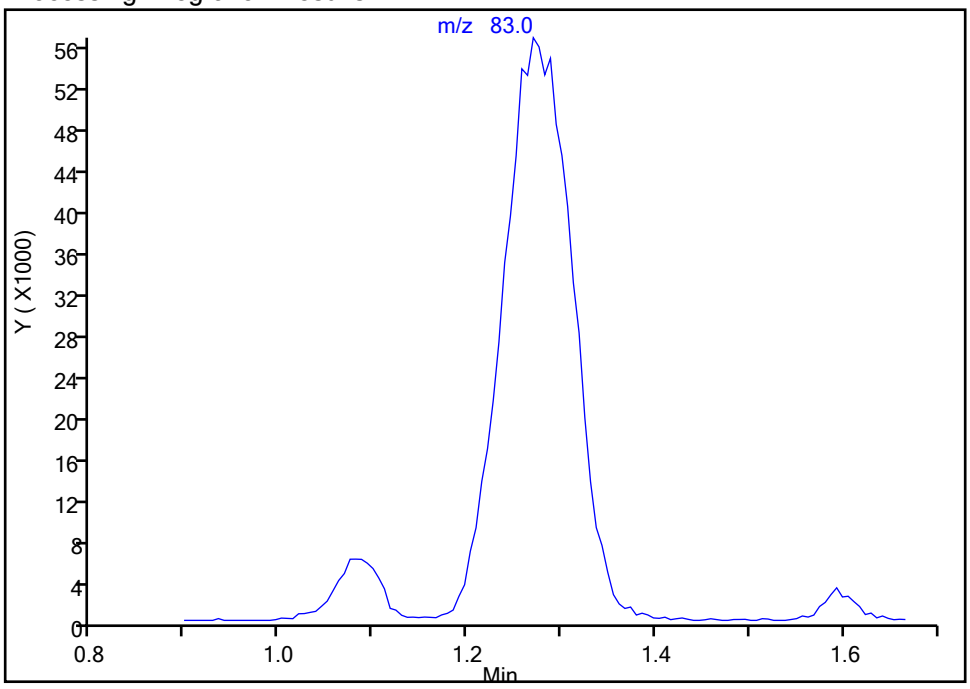
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

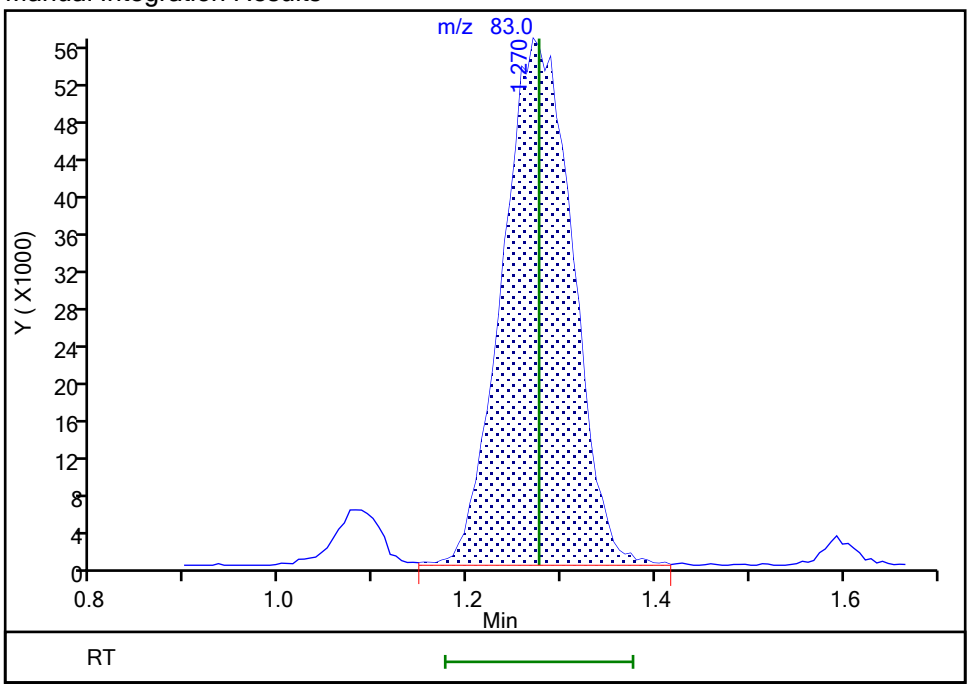
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.27
Area: 295138
Amount: 48.265320
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:42:45
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

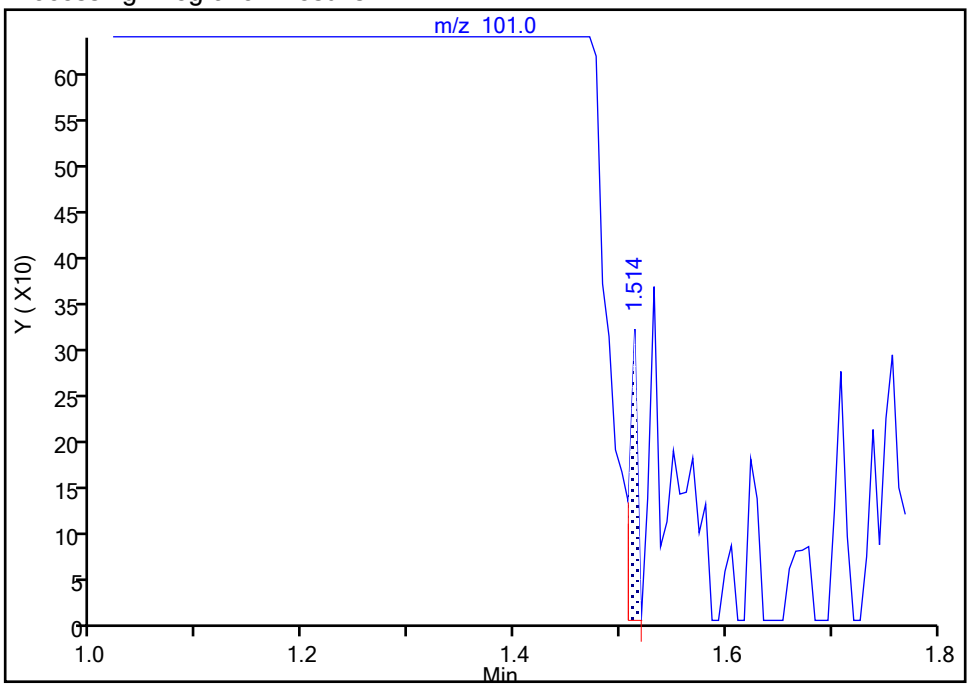
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

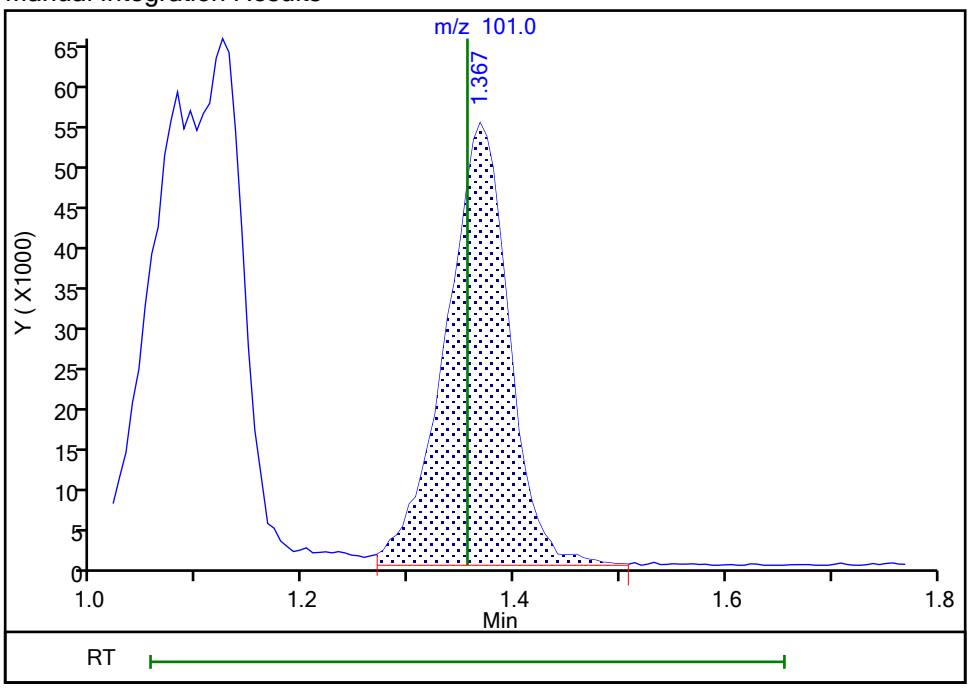
Processing Integration Results

RT: 1.51
Area: 163
Amount: 0.047795
Amount Units: ug/l



Manual Integration Results

RT: 1.37
Area: 227644
Amount: 51.599429
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:42:53
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

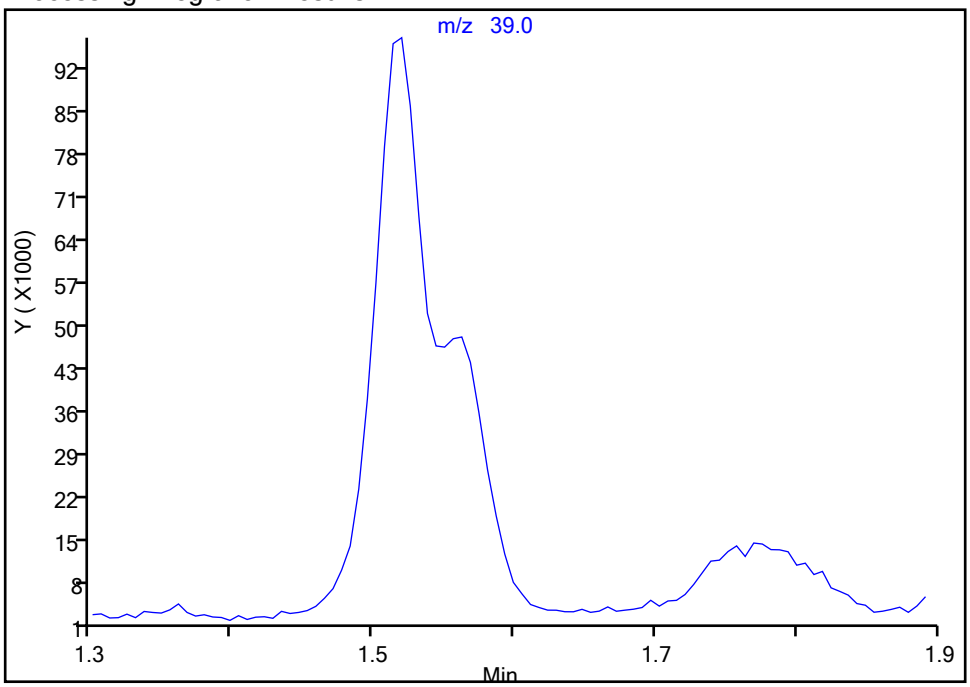
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

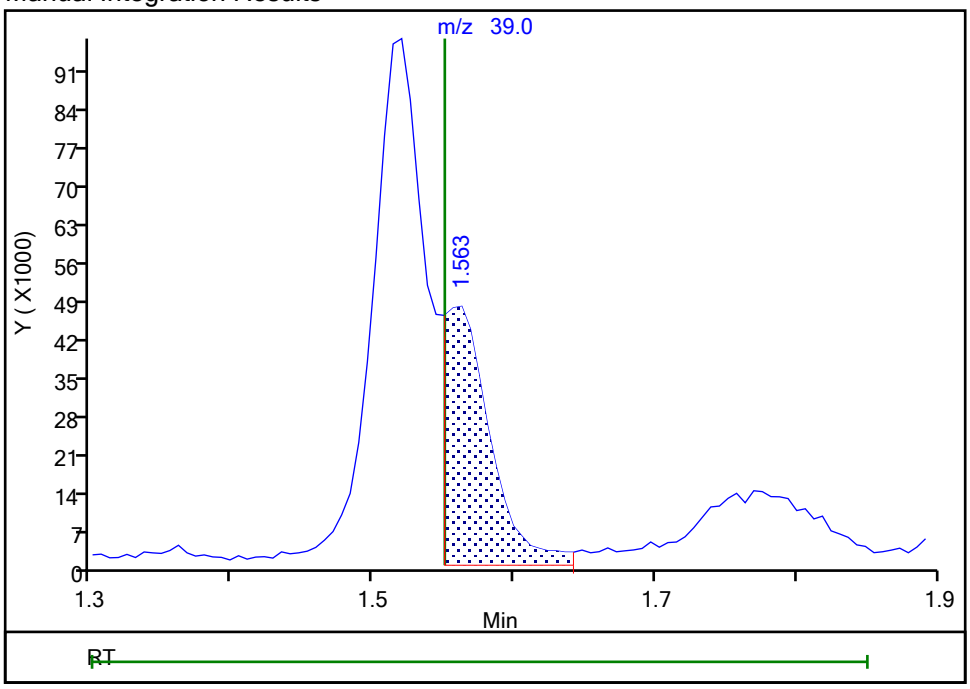
Not Detected
Expected RT: 1.55

Processing Integration Results



Manual Integration Results

RT: 1.56
Area: 111181
Amount: 434.0398
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:43:05
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

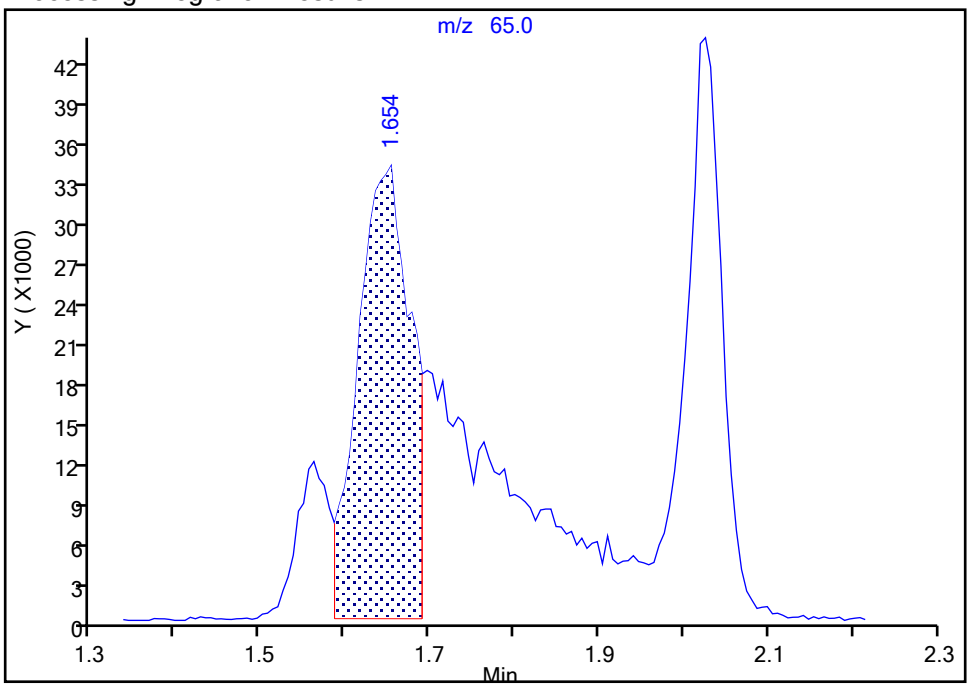
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

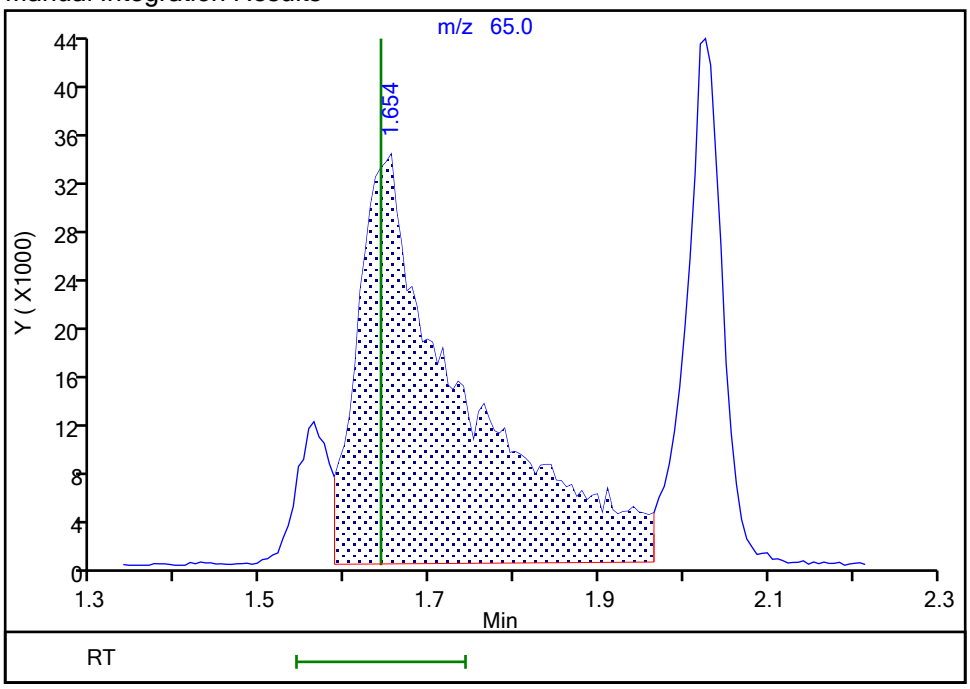
Processing Integration Results

RT: 1.65
Area: 146998
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 292281
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:41:53
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

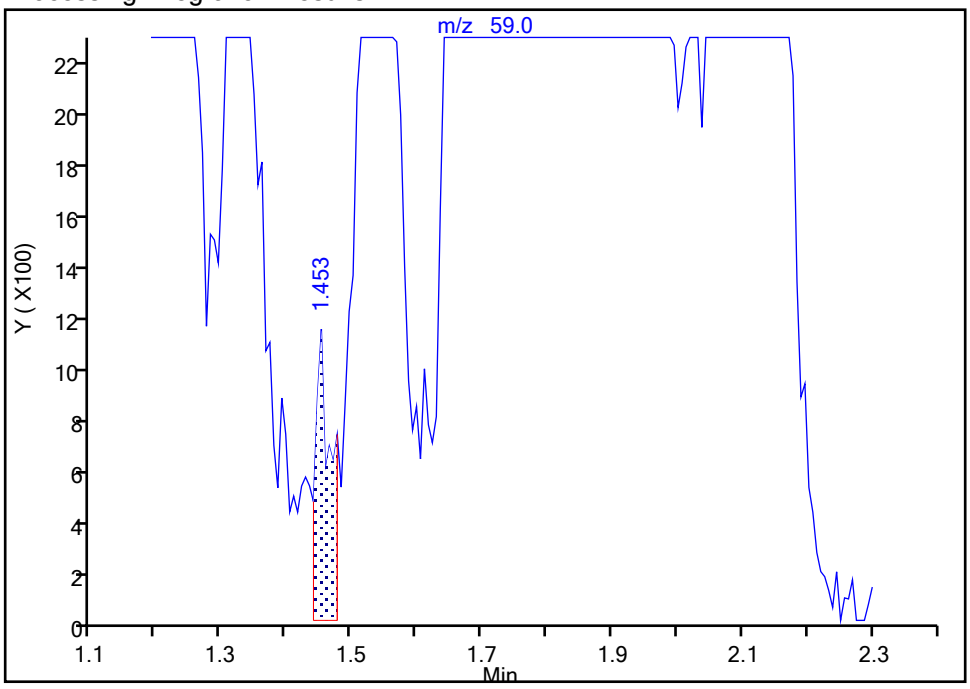
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

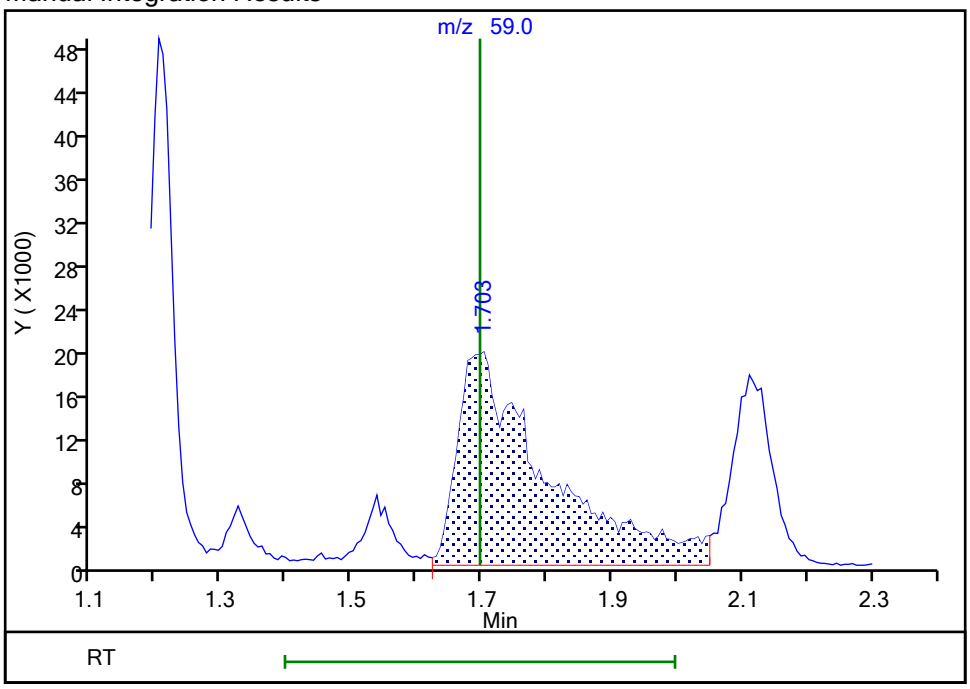
Processing Integration Results

RT: 1.45
Area: 1842
Amount: 7.571159
Amount Units: ug/l



Manual Integration Results

RT: 1.70
Area: 189130
Amount: 523.3832
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:43:13
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

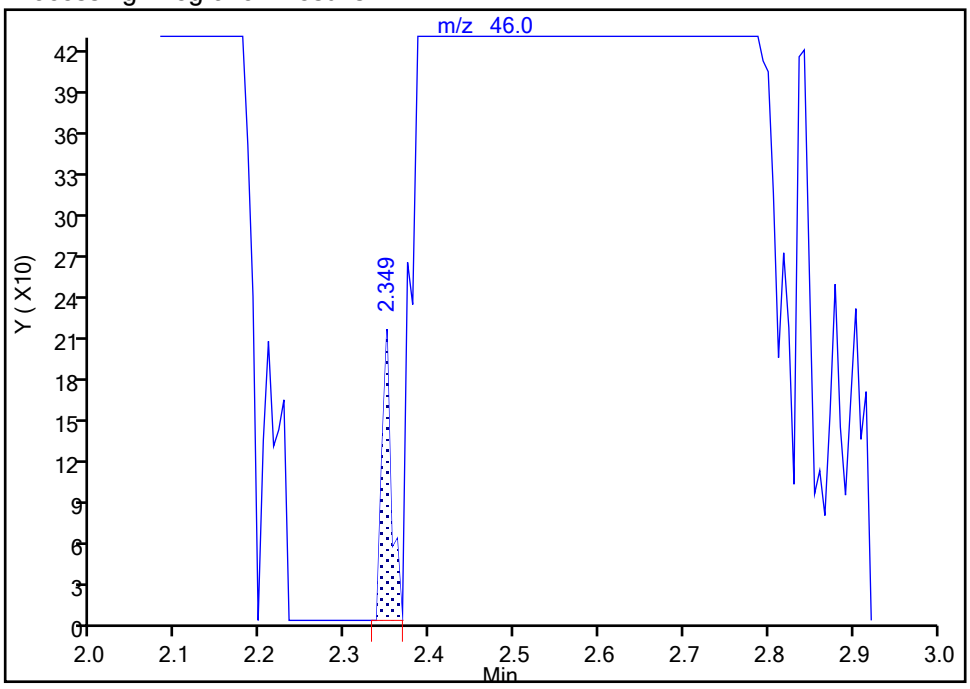
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

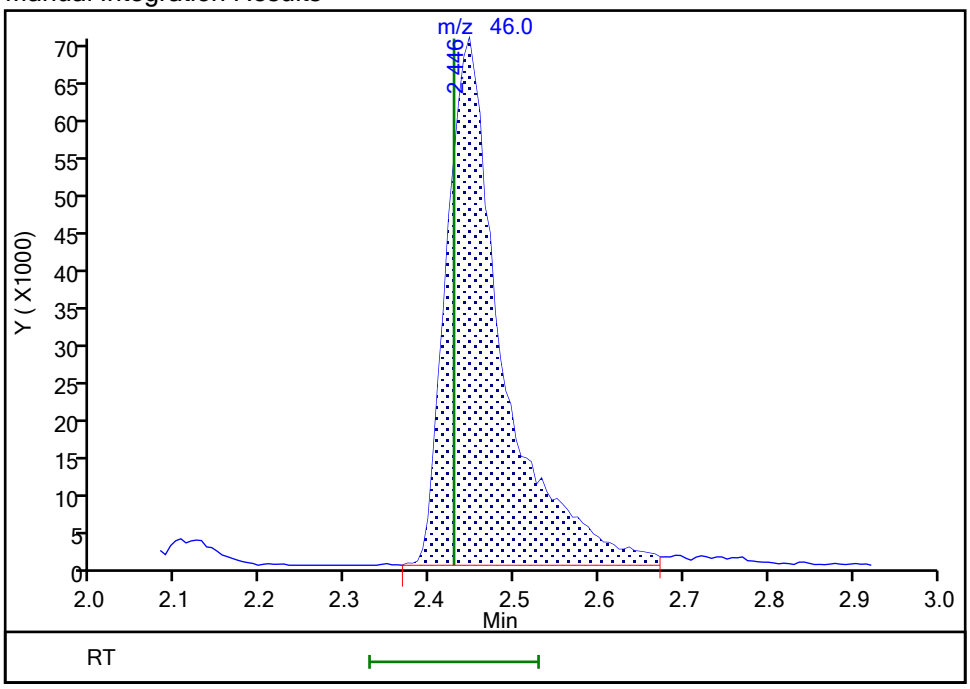
Processing Integration Results

RT: 2.35
Area: 164
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.45
Area: 324705
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:41:59
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

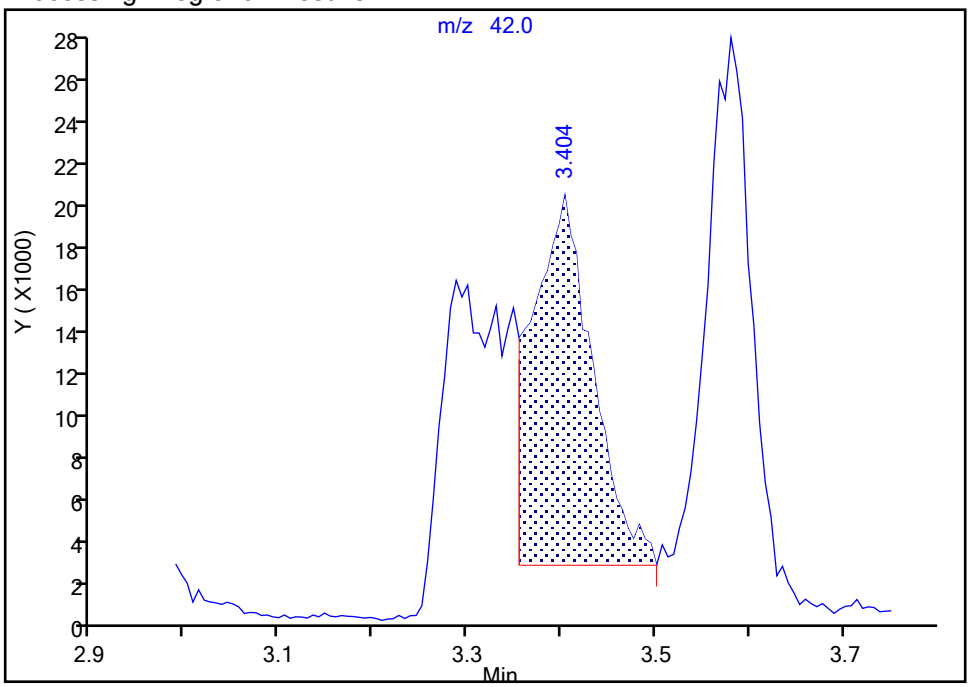
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

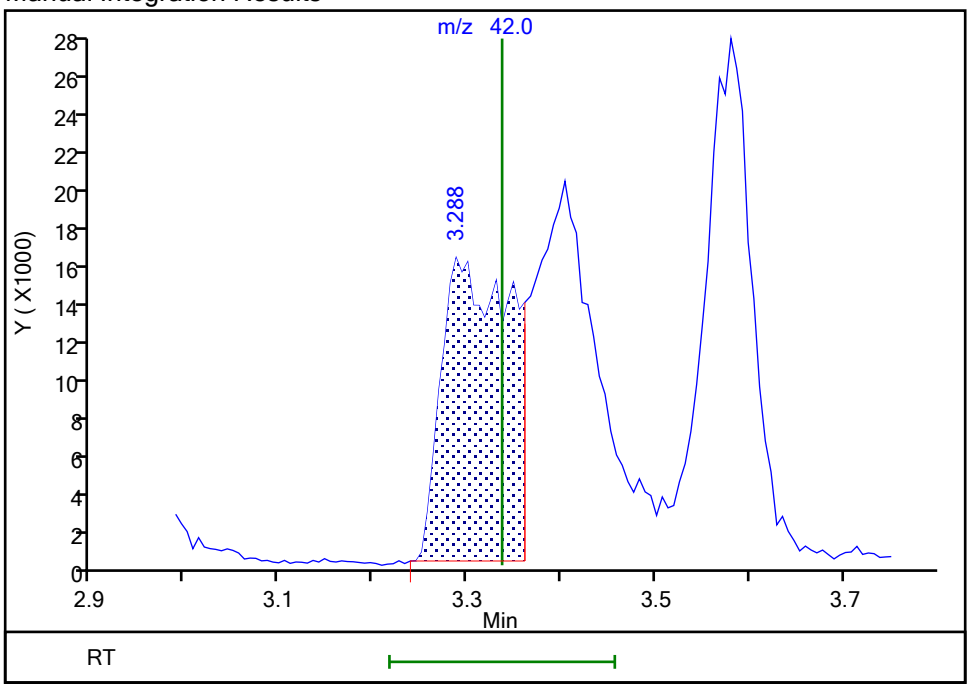
Processing Integration Results

RT: 3.40
Area: 78849
Amount: 1249.2597
Amount Units: ug/l



Manual Integration Results

RT: 3.29
Area: 82526
Amount: 1113.6022
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:43:39
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

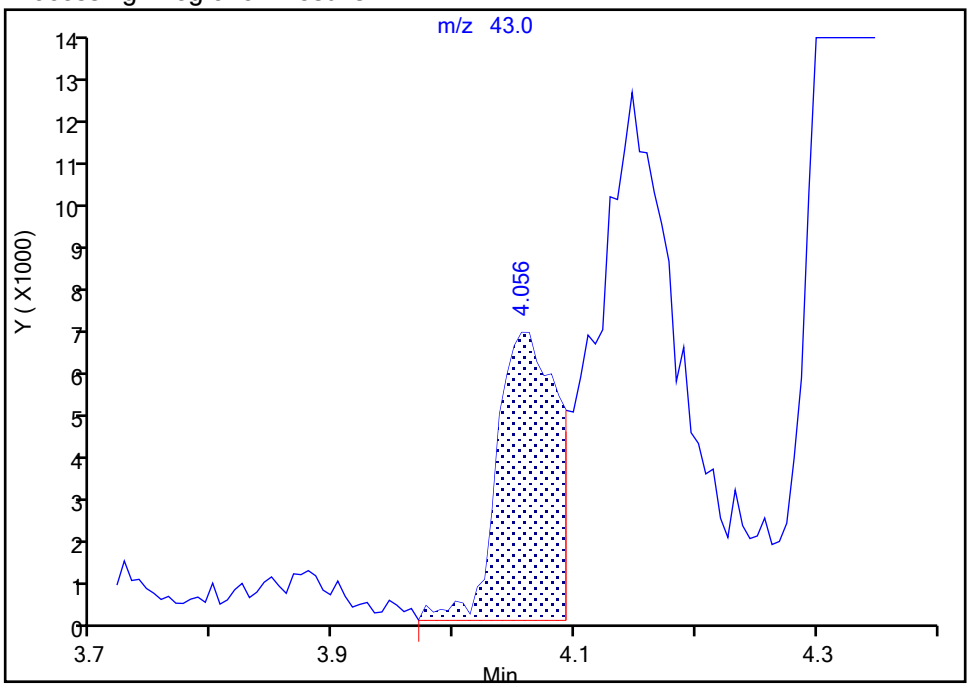
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

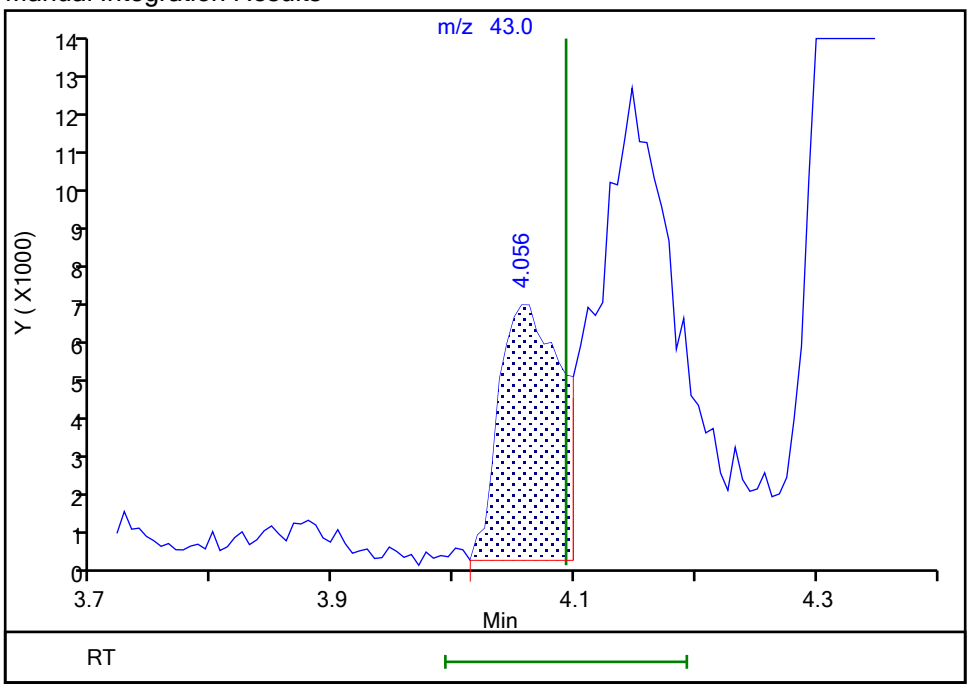
Processing Integration Results

RT: 4.06
Area: 23157
Amount: 533.3394
Amount Units: ug/l



Manual Integration Results

RT: 4.06
Area: 23566
Amount: 990.4478
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 13:19:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

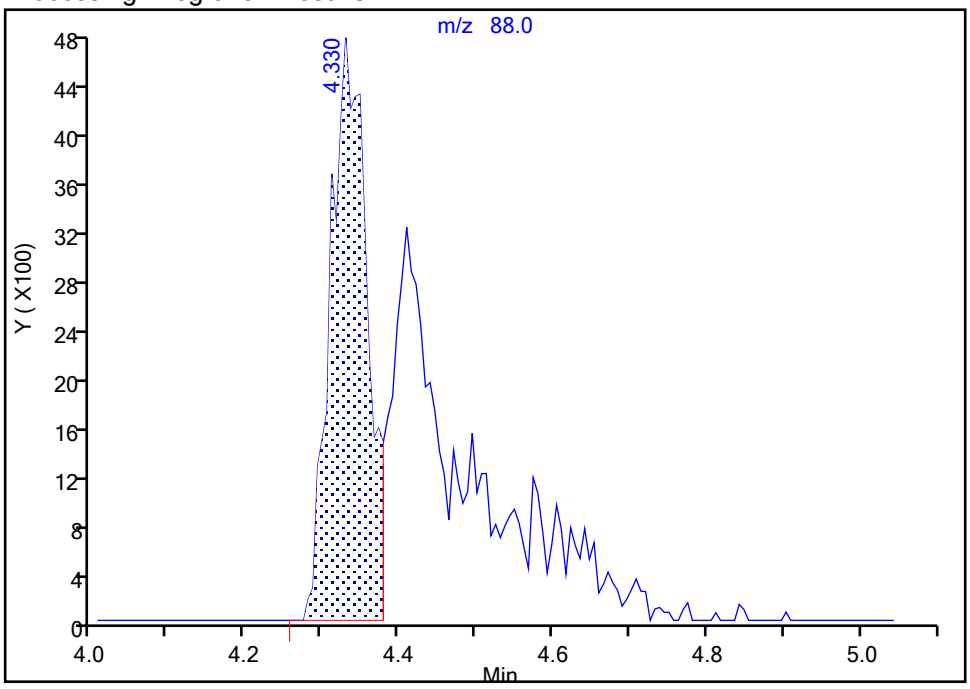
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

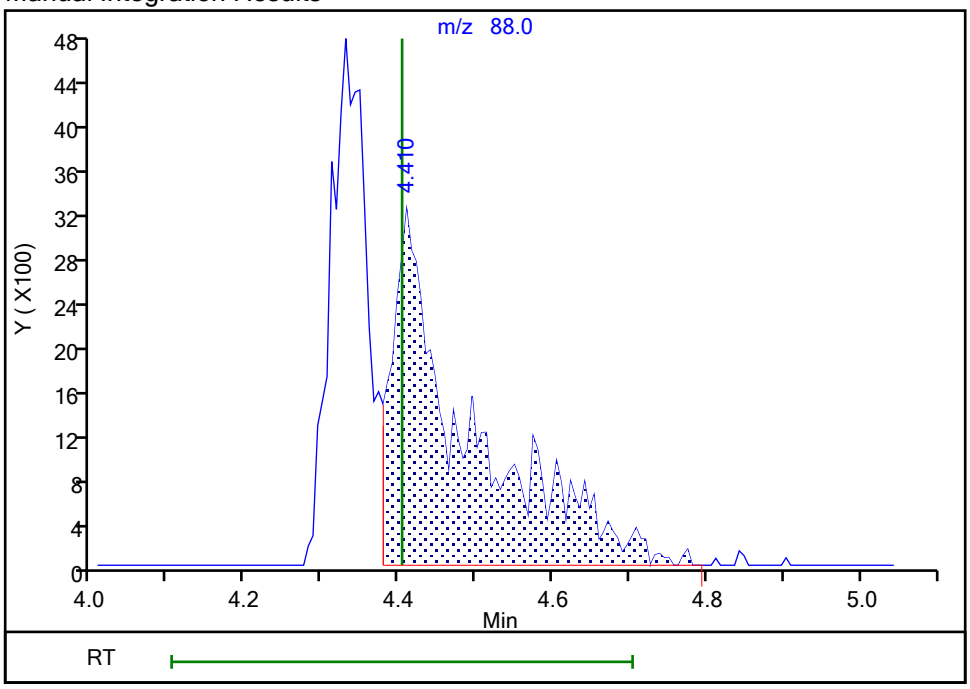
Processing Integration Results

RT: 4.33
Area: 15925
Amount: 1002.2932
Amount Units: ug/l



Manual Integration Results

RT: 4.41
Area: 21909
Amount: 1228.3072
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:44:02
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

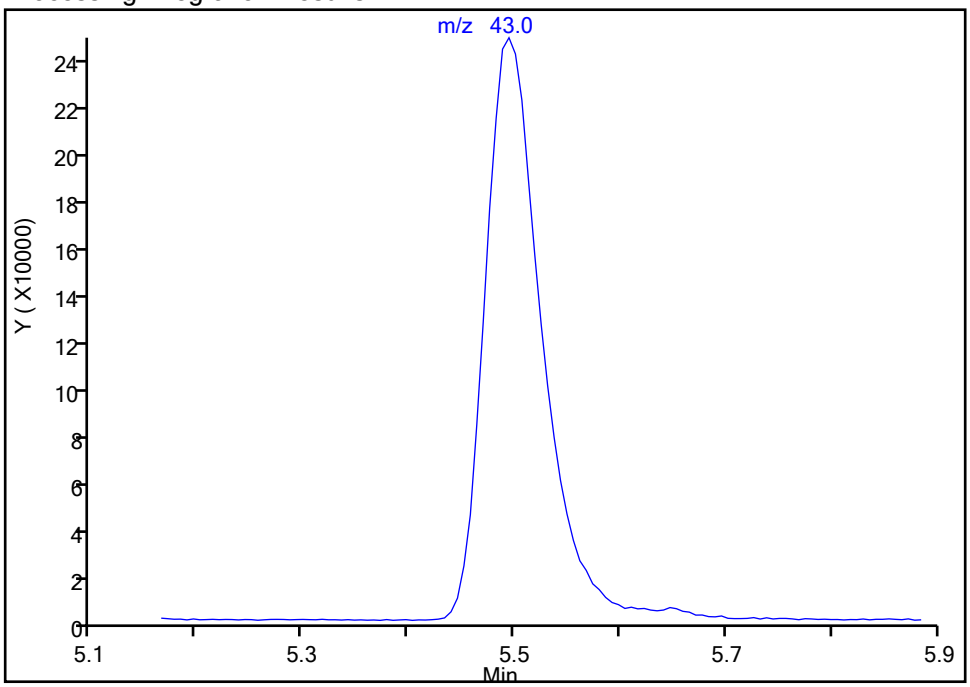
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69796.D
Injection Date: 11-Mar-2021 11:12:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

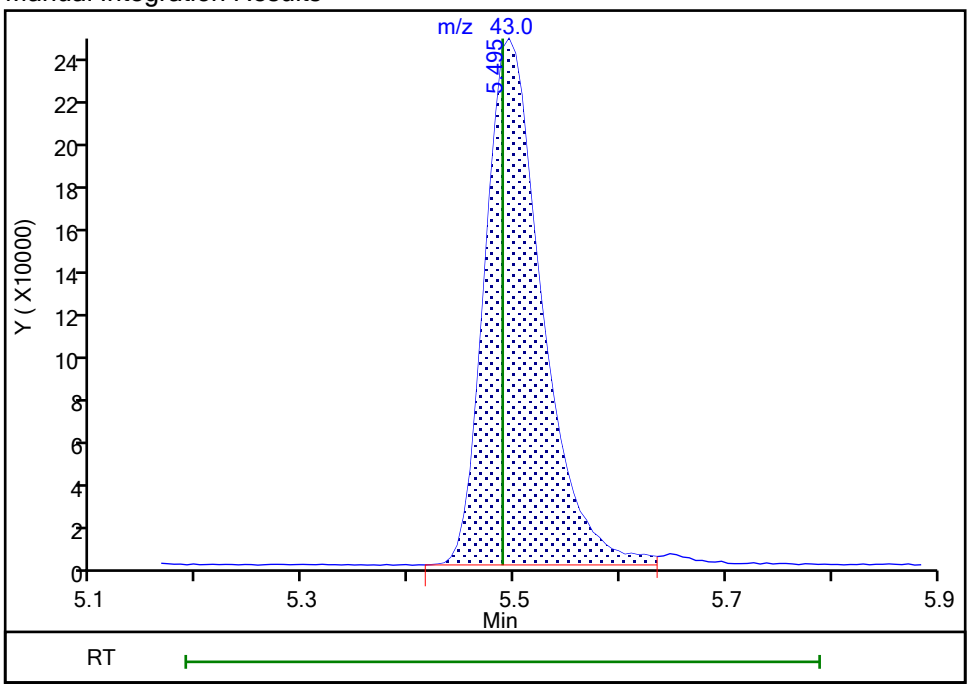
Not Detected
Expected RT: 5.49

Processing Integration Results



Manual Integration Results

RT: 5.49
Area: 921644
Amount: 246.0702
Amount Units: ug/l



Reviewer: tupayachia, 11-Mar-2021 11:44:12
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 11-Mar-2021 11:37:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0125263-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:02:03 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: boykink Date: 11-Mar-2021 22:33:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.703	0.685	0.018	95	1845265	NC	NC	
4 Chlorodifluoromethane	67	0.709	0.691	0.018	97	195458	200.0	190.7	
3 Dichlorodifluoromethane	85	0.703	0.697	0.006	95	1665163	200.0	191.9	
5 Chloromethane	50	0.794	0.776	0.018	99	1546202	200.0	187.3	
6 Butadiene	54	0.819	0.801	0.018	94	998439	200.0	182.8	
7 Vinyl chloride	62	0.837	0.825	0.012	99	1129233	200.0	189.9	
8 Bromomethane	94	0.971	0.953	0.018	99	827948	200.0	182.5	
9 Chloroethane	64	0.983	0.971	0.012	99	593548	200.0	176.8	
10 Dichlorofluoromethane	67	1.087	1.075	0.012	99	1533485	200.0	177.5	
12 Pentane	72	1.111	1.099	0.012	95	253999	400.0	360.8	
11 Trichlorofluoromethane	101	1.124	1.112	0.012	97	1504166	200.0	183.0	
14 Ethanol	46	1.197	1.191	0.006	78	51122	8000.0	7910.0	
13 Ethyl ether	59	1.209	1.191	0.018	96	552323	200.0	185.9	
15 2-Methyl-1,3-butadiene	53	1.221	1.209	0.012	97	692074	200.0	174.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.246	1.240	0.006	92	818737	200.0	182.9	
18 Acrolein	56	1.276	1.264	0.012	79	178051	500.0	503.3	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.288	1.276	0.012	91	1215793	200.0	178.4	a
19 1,1-Dichloroethene	96	1.331	1.319	0.012	99	789790	200.0	185.1	
21 Acetone	43	1.355	1.343	0.012	86	1113233	1000.0	1081.2	
20 112TCTFE	101	1.368	1.355	0.013	96	909423	200.0	185.0	a
22 Iodomethane	142	1.410	1.392	0.018	97	1693817	200.0	190.5	
23 Carbon disulfide	76	1.441	1.422	0.019	100	2859048	200.0	186.6	
24 Isopropyl alcohol	45	1.459	1.441	0.018	96	382856	2000.0	2110.7	
25 3-Chloro-1-propene	39	1.520	1.508	0.012	91	1087719	200.0	203.6	
26 Methyl acetate	43	1.538	1.532	0.006	99	1126269	400.0	413.4	
27 Acetonitrile	39	1.569	1.550	0.019	25	398211	2000.0	1670.5	a
28 Methylene Chloride	84	1.599	1.587	0.012	91	864493	200.0	186.3	
* 29 TBA-d9 (IS)	65	1.648	1.642	0.006	0	272002	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.697	1.697	0.000	91	708310	2000.0	2106.3	a
31 Acrylonitrile	53	1.746	1.733	0.013	93	2207965	2000.0	1865.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.758	1.746	0.012	95	866325	200.0	183.0	
33 Methyl tert-butyl ether	73	1.794	1.776	0.018	97	2333425	200.0	190.3	
34 Hexane	57	1.941	1.928	0.013	94	1308494	200.0	194.7	
35 1,1-Dichloroethane	63	2.032	2.020	0.012	100	1572944	200.0	190.3	
36 Vinyl acetate	86	2.093	2.087	0.006	100	248213	400.0	395.7	
37 2-Chloro-1,3-butadiene	88	2.093	2.087	0.006	90	777969	200.0	191.3	
38 Isopropyl ether	45	2.123	2.099	0.024	95	2632703	200.0	186.8	
39 Tert-butyl ethyl ether	87	2.398	2.373	0.025	88	1004917	200.0	198.9	
* 40 2-Butanone-d5	46	2.447	2.428	0.019	0	333850	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.471	2.453	0.018	98	967303	200.0	195.8	
42 2,2-Dichloropropane	79	2.477	2.471	0.006	88	442914	200.0	197.0	
43 2-Butanone (MEK)	72	2.495	2.471	0.024	98	435428	1000.0	930.7	
44 Propionitrile	54	2.538	2.532	0.006	94	859320	2000.0	1936.1	
45 Ethyl acetate	70	2.569	2.556	0.013	99	127812	400.0	404.3	
62 Methyl acrylate	55	2.587	2.569	0.018	99	747536	200.0	182.9	
46 Chlorobromomethane	128	2.660	2.648	0.012	90	498274	200.0	194.6	
47 Methacrylonitrile	67	2.666	2.654	0.012	92	2788638	2000.0	1916.9	
48 Tetrahydrofuran	72	2.697	2.697	0.000	95	209064	400.0	398.5	
49 Chloroform	83	2.745	2.739	0.006	99	1533973	200.0	190.5	
$ 50 Dibromofluoromethane (Surr)	113	2.886	2.873	0.013	96	205358	50.0	50.5	
51 1,1,1-Trichloroethane	97	2.892	2.879	0.013	99	1431973	200.0	192.6	
52 Cyclohexane	84	2.940	2.922	0.018	92	1406465	200.0	194.5	
54 1,1-Dichloropropene	75	3.038	3.026	0.012	96	1235560	200.0	199.8	
53 Carbon tetrachloride	117	3.044	3.032	0.012	98	1283606	200.0	194.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.184	3.172	0.012	0	213929	50.0	51.0	
56 Benzene	78	3.233	3.221	0.012	95	3449538	200.0	201.3	
57 1,2-Dichloroethane	62	3.257	3.245	0.012	98	1103655	200.0	196.2	
58 Isobutyl alcohol	42	3.404	3.337	0.067	68	338012	5000.0	4901.2	
59 Tert-amyl methyl ether	73	3.410	3.385	0.025	83	2722092	200.0	202.2	
73 Isopropyl acetate	43	3.410	3.398	0.012	95	3352254	200.0	196.8	a
* 60 Fluorobenzene	96	3.532	3.520	0.012	99	715377	50.0	50.0	a
61 n-Heptane	43	3.581	3.574	0.007	94	1660581	200.0	203.5	
63 Trichloroethene	95	3.940	3.928	0.012	98	951145	200.0	205.4	
64 n-Butanol	43	4.032	4.093	-0.061	89	140293	5000.0	5077.0	
65 Methylcyclohexane	83	4.154	4.135	0.019	90	1729683	200.0	205.4	
66 Ethyl acrylate	55	4.160	4.154	0.006	96	2266867	200.0	206.4	
67 1,2-Dichloropropane	63	4.190	4.184	0.006	93	909334	200.0	202.3	
68 Dibromomethane	93	4.330	4.318	0.012	94	531922	200.0	202.7	
* 69 1,4-Dioxane-d8	96	4.361	4.361	0.000	0	17026	1000.0	1000.0	
70 1,4-Dioxane	88	4.410	4.404	0.006	85	92235	4000.0	4654.1	M
71 Methyl methacrylate	100	4.452	4.440	0.012	95	397959	400.0	434.1	
72 Dichlorobromomethane	83	4.574	4.562	0.012	99	1169452	200.0	203.7	
81 n-Propyl acetate	43	4.568	4.574	-0.006	99	1053735	200.0	208.2	
74 2-Nitropropane	41	4.891	4.891	0.000	97	353922	400.0	424.6	
75 2-Chloroethyl vinyl ether	63	5.068	5.086	-0.018	92	74843	200.5	203.2	
76 Epichlorohydrin	57	5.092	5.086	0.006	100	870443	4000.0	4061.2	
77 cis-1,3-Dichloropropene	75	5.196	5.184	0.012	94	1389063	200.0	222.4	
78 4-Methyl-2-pentanone (MIBK)	43	5.495	5.489	0.006	97	3838881	1000.0	996.9	
$ 79 Toluene-d8 (Surr)	98	5.556	5.550	0.006	95	788431	50.0	53.6	
80 Toluene	91	5.653	5.653	0.000	93	3748781	200.0	203.1	
82 trans-1,3-Dichloropropene	75	6.080	6.080	0.000	98	1219069	200.0	222.9	
83 1,1,2-Trichloroethane	83	6.342	6.342	0.000	94	595608	200.0	203.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.354	6.348	0.006	95	1023487	200.0	226.3	
85 Tetrachloroethene	166	6.501	6.495	0.006	98	1090024	200.0	206.9	
86 1,3-Dichloropropane	76	6.592	6.586	0.006	95	1215664	200.0	206.3	
87 2-Hexanone	43	6.879	6.879	0.000	97	2787250	1000.0	1106.6	
88 Chlorodibromomethane	129	6.958	6.952	0.006	98	885291	200.0	216.0	
89 Ethylene Dibromide	107	7.068	7.062	0.006	98	752095	200.0	213.1	
90 n-Butyl acetate	73	7.214	7.214	0.000	99	186728	200.0	212.7	
* 91 Chlorobenzene-d5	117	7.964	7.958	0.006	84	553873	50.0	50.0	
92 Chlorobenzene	112	8.013	8.007	0.006	95	2457390	200.0	206.4	
93 1,1,1,2-Tetrachloroethane	131	8.232	8.232	0.000	95	982226	200.0	217.4	
94 Ethylbenzene	106	8.317	8.305	0.012	98	1403028	200.0	215.1	
95 m-Xylene & p-Xylene	106	8.561	8.561	0.000	99	1708694	200.0	219.1	
96 o-Xylene	106	9.287	9.281	0.006	94	1713635	200.0	220.3	
97 Styrene	104	9.329	9.323	0.006	96	2854199	200.0	221.3	
98 n-Butyl acrylate	73	9.506	9.500	0.006	97	571178	200.0	229.1	
99 Bromoform	173	9.567	9.567	0.000	98	650689	200.0	218.4	
101 Amyl acetate (mixed isomers)	43	9.976	9.982	-0.006	90	1393812	200.0	225.6	
102 Isopropylbenzene	105	10.018	10.018	0.000	95	4722293	200.0	223.3	
$ 103 4-Bromofluorobenzene	174	10.226	10.226	0.000	94	282761	50.0	53.0	
104 Bromobenzene	156	10.402	10.396	0.006	95	1165543	200.0	205.5	
105 1,2,3-Trichloropropane	110	10.616	10.616	0.000	98	281916	200.0	189.9	
106 1,1,2,2-Tetrachloroethane	83	10.634	10.628	0.006	98	1024674	200.0	203.3	
107 trans-1,4-Dichloro-2-butene	53	10.732	10.732	0.000	90	279042	200.0	231.4	
108 N-Propylbenzene	120	10.762	10.756	0.006	100	1311870	200.0	211.1	
109 2-Chlorotoluene	126	10.811	10.799	0.012	97	1157306	200.0	210.8	
110 4-Ethyltoluene	105	10.982	10.975	0.007	98	4490099	200.0	210.8	
111 4-Chlorotoluene	91	11.012	11.012	0.000	98	3806258	200.0	207.4	
112 1,3,5-Trimethylbenzene	105	11.116	11.110	0.006	94	4094410	200.0	220.6	
100 Butyl Methacrylate	87	11.475	11.475	0.000	99	1141156	200.0	201.7	
113 tert-Butylbenzene	119	11.640	11.640	0.000	95	3454061	200.0	230.4	
114 1,2,4-Trimethylbenzene	105	11.731	11.725	0.006	97	4146579	200.0	218.7	
115 sec-Butylbenzene	105	12.054	12.054	0.000	99	5457649	200.0	224.0	
116 1,3-Dichlorobenzene	146	12.134	12.128	0.006	97	2330350	200.0	204.9	
* 117 1,4-Dichlorobenzene-d4	152	12.286	12.280	0.006	95	343243	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.329	12.329	0.000	95	2305437	200.0	200.1	
119 4-Isopropyltoluene	119	12.408	12.408	0.000	98	4751588	200.0	222.9	
120 1,2,3-Trimethylbenzene	105	12.518	12.512	0.006	98	4189165	200.0	215.6	
121 Benzyl chloride	126	12.664	12.664	0.000	99	336958	200.0	204.4	
122 2,3-Dihydroindene	117	12.804	12.804	0.000	94	3990699	200.0	212.9	
123 1,2-Dichlorobenzene	146	12.945	12.945	0.000	97	2309219	200.0	209.1	
124 p-Diethylbenzene	119	13.048	13.042	0.006	94	2462456	200.0	215.2	
125 n-Butylbenzene	92	13.066	13.066	0.000	97	2586075	200.0	213.9	
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	96	252356	200.0	231.6	
127 1,2,4,5-Tetramethylbenzene	119	13.786	13.780	0.006	98	4605024	200.0	232.5	
128 1,3,5-Trichlorobenzene	180	13.926	13.926	0.000	98	2079484	200.0	209.9	
129 1,2,4-Trichlorobenzene	180	14.365	14.359	0.006	94	1956056	200.0	216.6	
130 Hexachlorobutadiene	225	14.505	14.499	0.006	97	1127451	200.0	221.4	
131 Naphthalene	128	14.511	14.511	0.000	99	4307619	200.0	240.6	
132 1,2,3-Trichlorobenzene	180	14.670	14.664	0.006	96	1892566	200.0	218.6	
S 133 1,2-Dichloroethene, Total	100				0		400.0	378.8	
S 134 1,3-Dichloropropene, Total	100				0		400.0	445.3	
S 135 Xylenes, Total	100				0		400.0	439.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		1000.0	1058.8	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00120	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00108	Amount Added:	2.00	Units: uL	
8FreonHi_00029	Amount Added:	2.00	Units: uL	
Ethanol mix_00050	Amount Added:	2.00	Units: uL	
GAS Hi_00383	Amount Added:	2.00	Units: uL	
MIX I Hi_00135	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:02:05 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D

Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2 Operator ID:

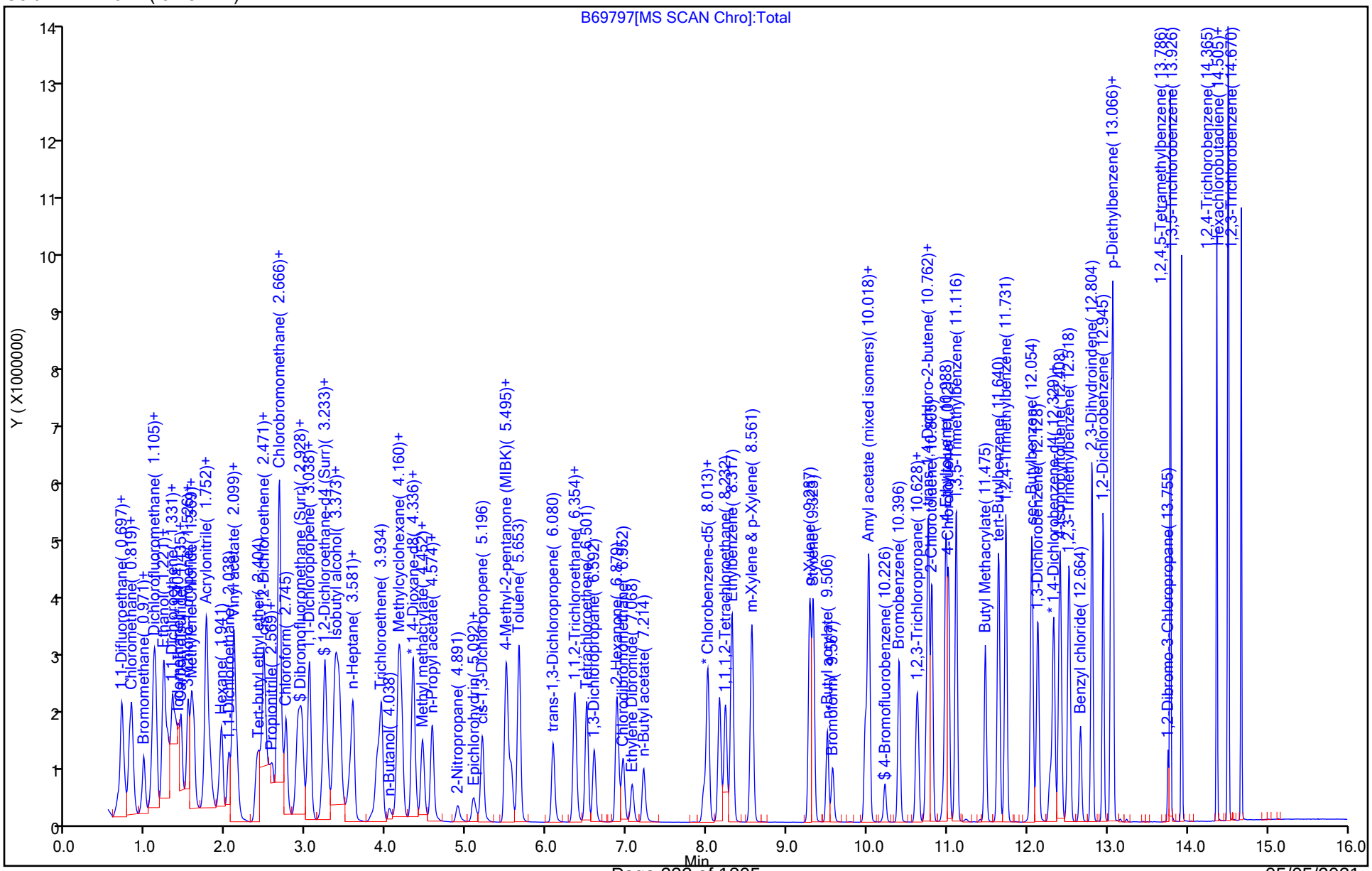
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

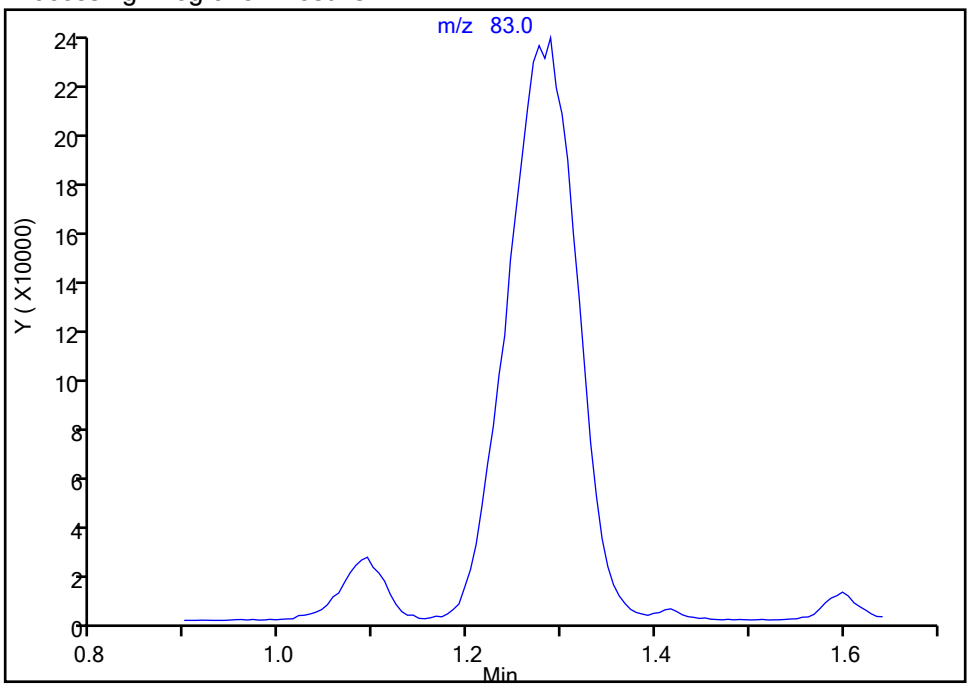
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

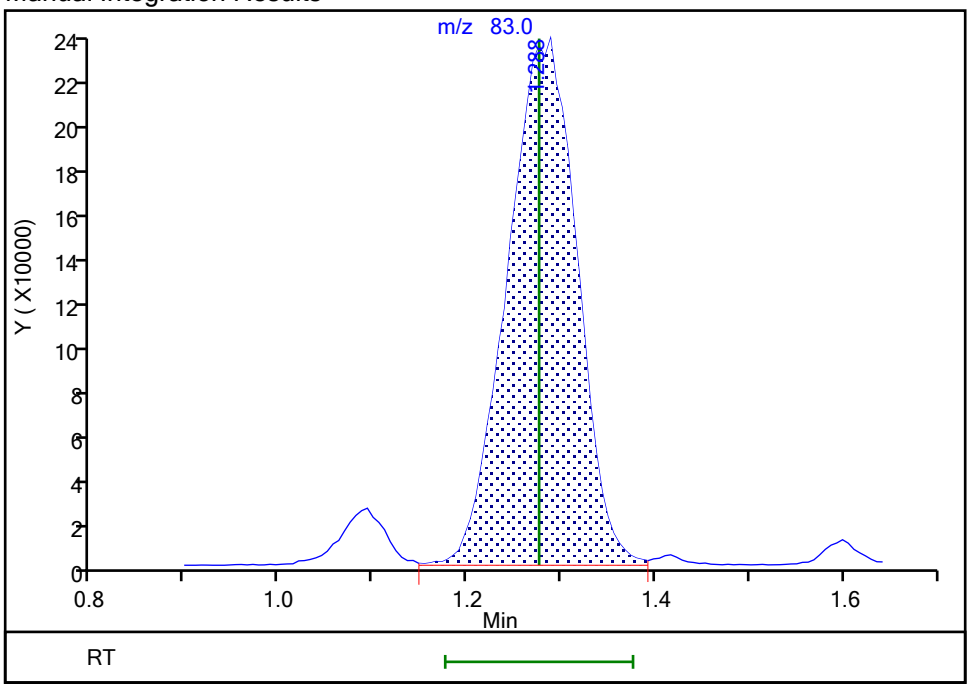
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.29
Area: 1215793
Amount: 178.4338
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:55:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

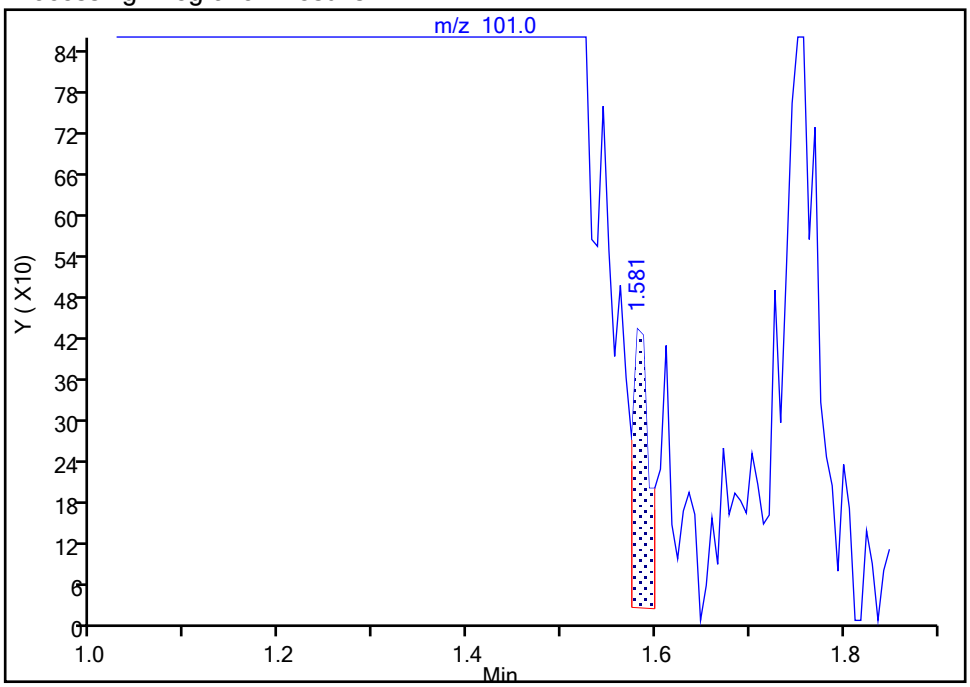
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

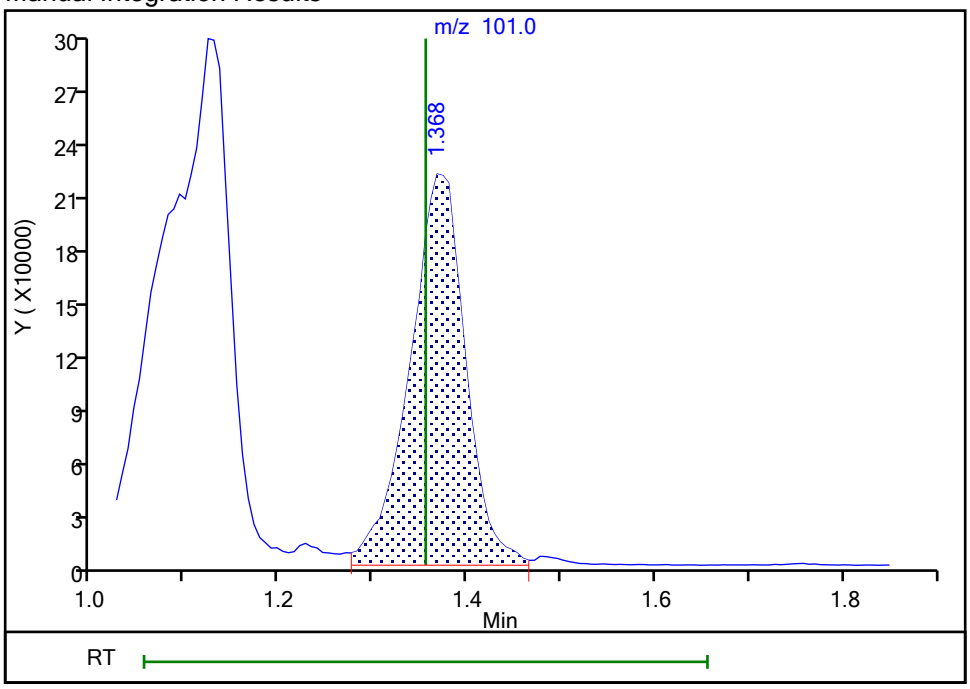
Processing Integration Results

RT: 1.58
Area: 513
Amount: 0.123362
Amount Units: ug/l



Manual Integration Results

RT: 1.37
Area: 909423
Amount: 184.9959
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:55:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

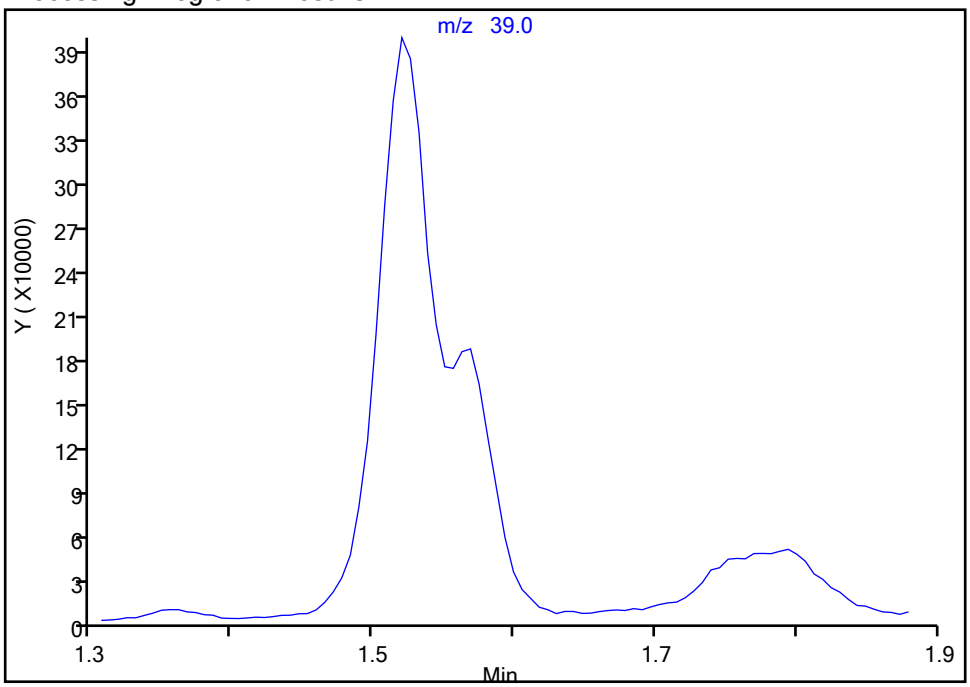
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

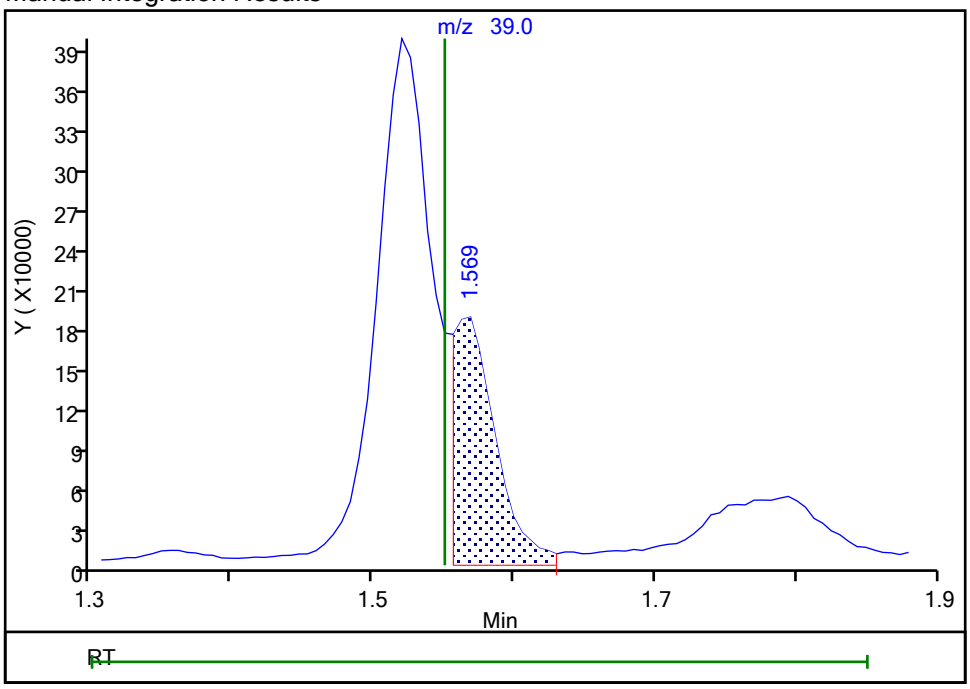
Not Detected
Expected RT: 1.55

Processing Integration Results



Manual Integration Results

RT: 1.57
Area: 398211
Amount: 1670.4780
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:58:23
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

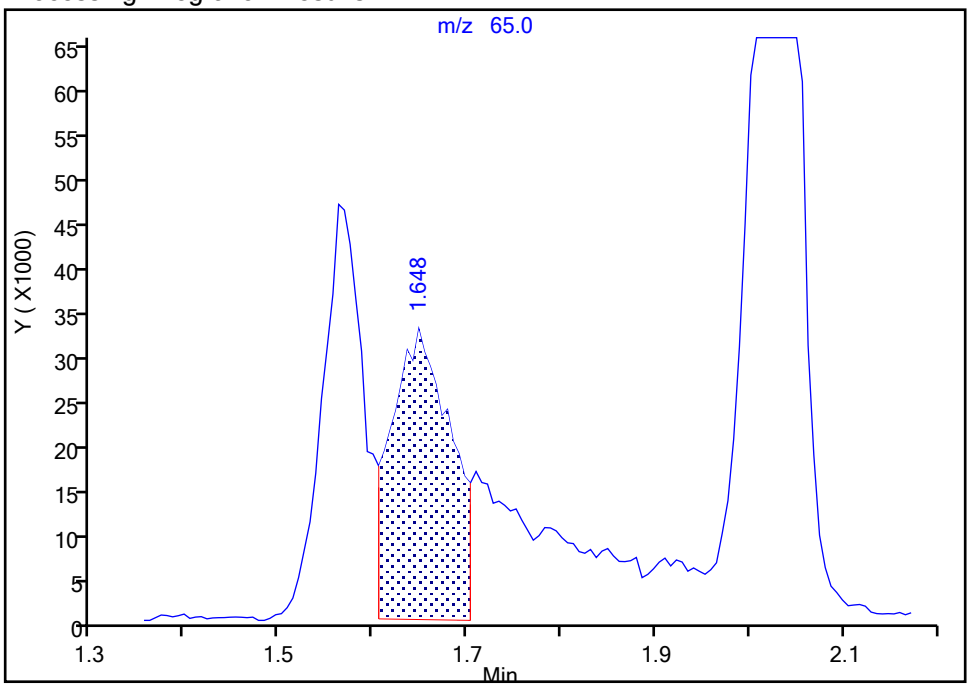
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

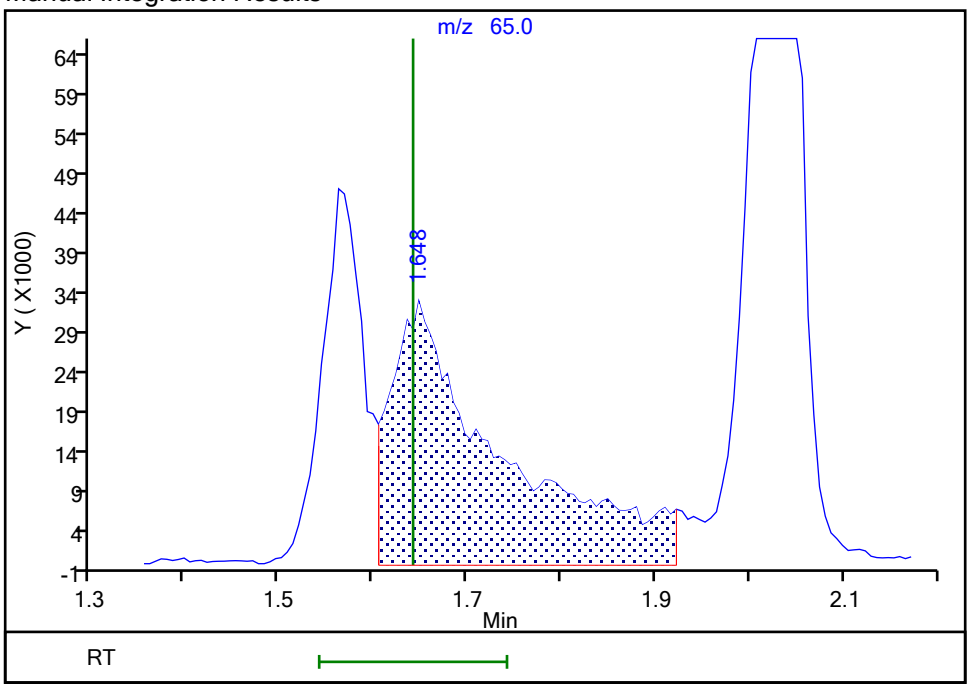
Processing Integration Results

RT: 1.65
Area: 146510
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 272002
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:51:51
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

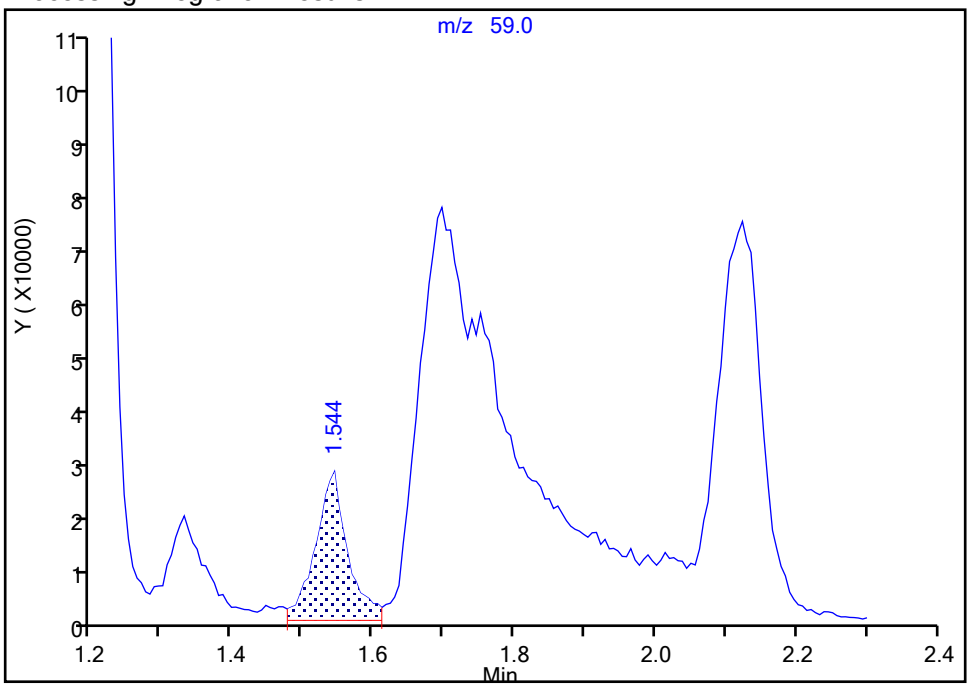
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

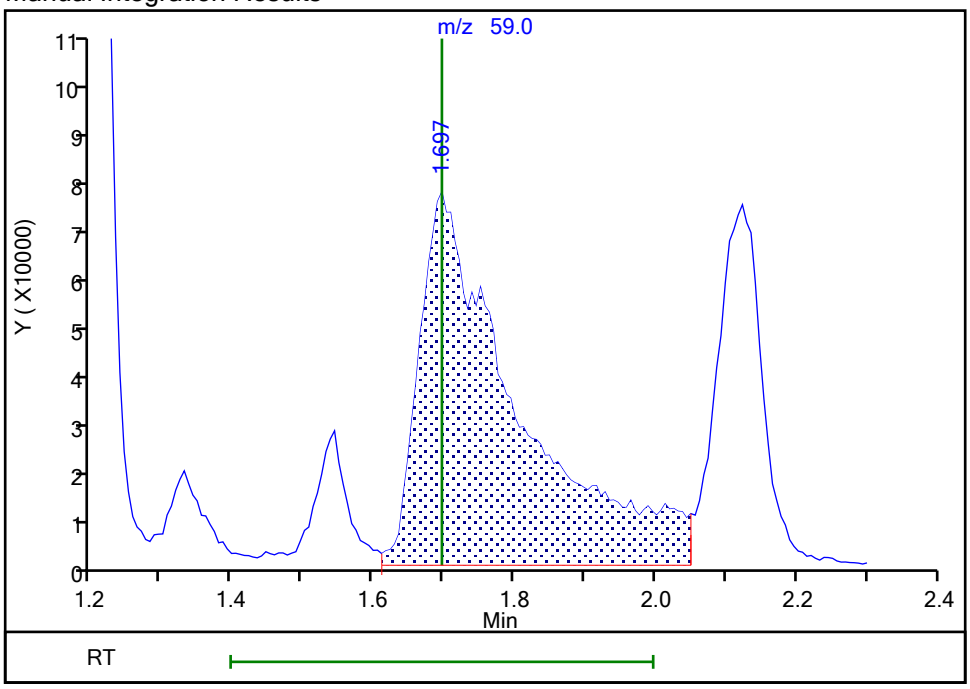
Processing Integration Results

RT: 1.54
Area: 82513
Amount: 300.9134
Amount Units: ug/l



Manual Integration Results

RT: 1.70
Area: 708310
Amount: 2106.2565
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:56:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

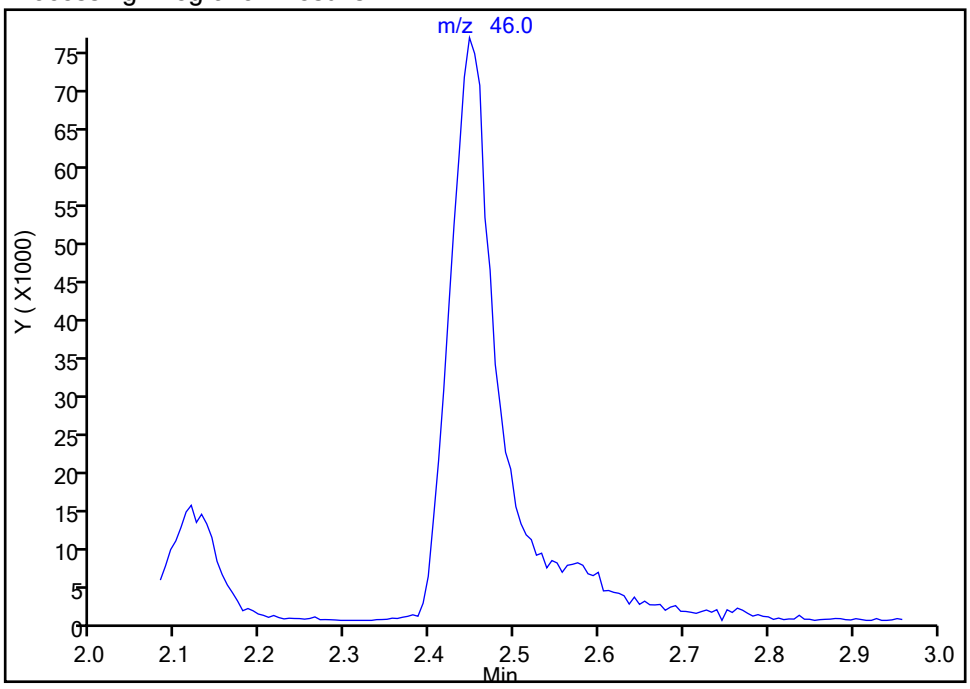
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

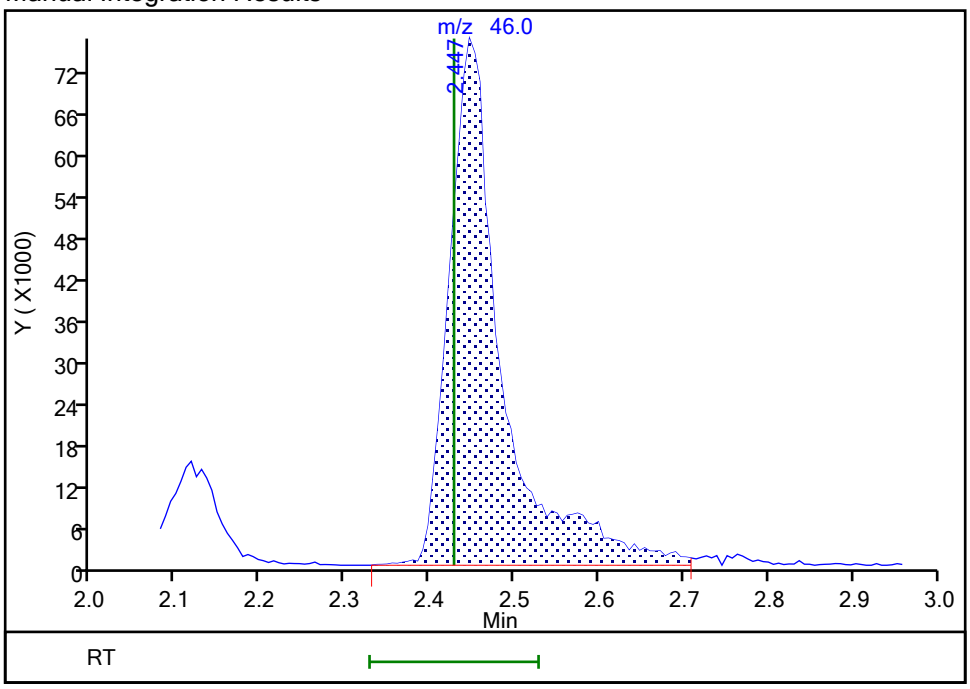
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.45
Area: 333850
Amount: 250.0000
Amount Units: ug/l



Reviewer: boykink, 11-Mar-2021 22:33:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

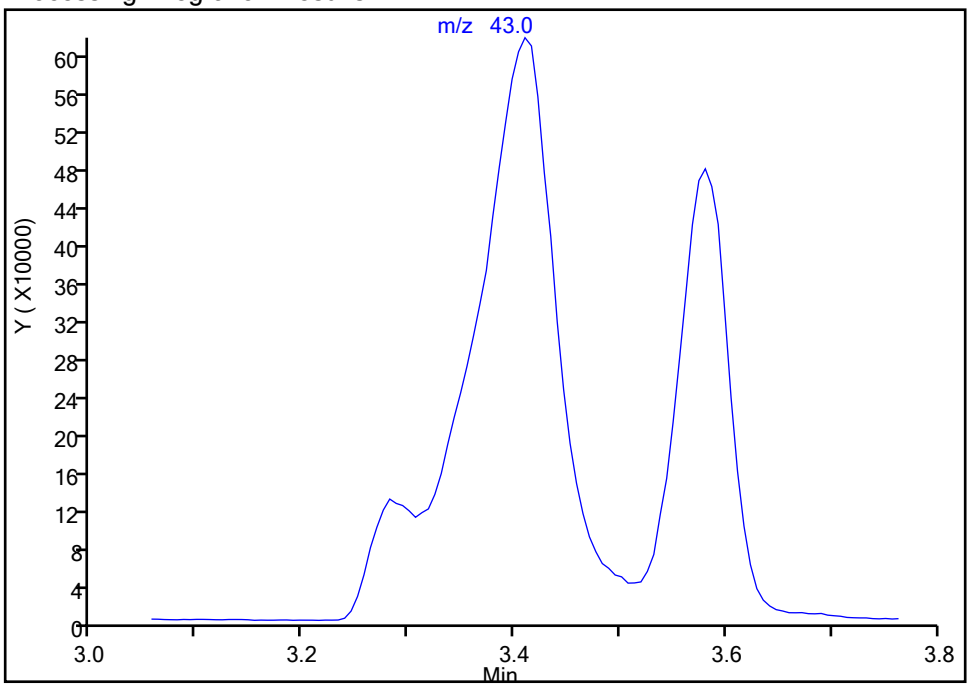
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

73 Isopropyl acetate, CAS: 108-21-4

Signal: 1

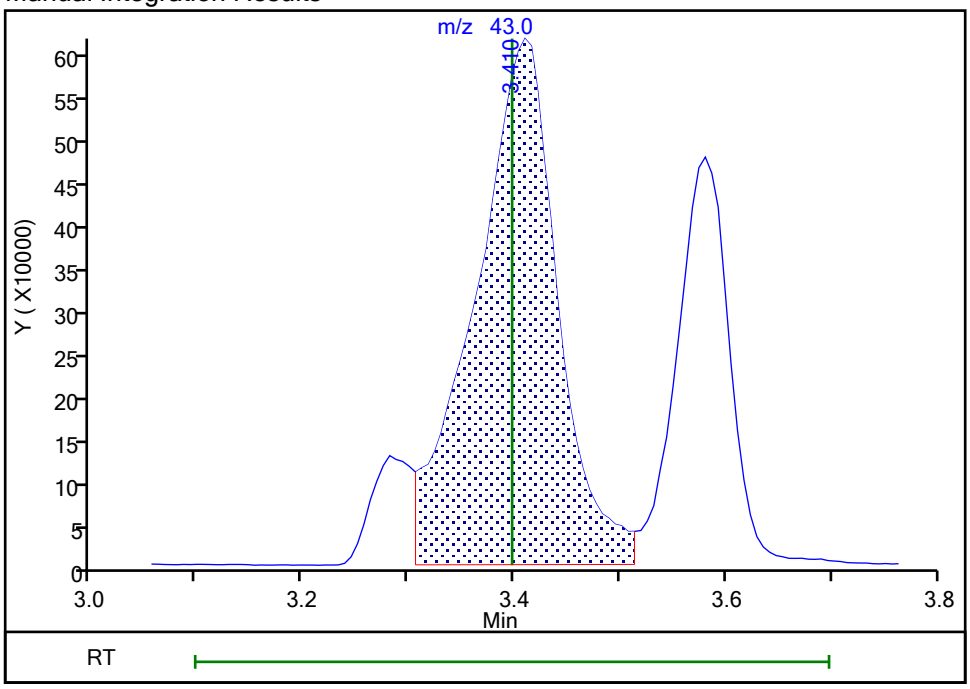
Not Detected
Expected RT: 3.40

Processing Integration Results



Manual Integration Results

RT: 3.41
Area: 3352254
Amount: 196.7949
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:58:07
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

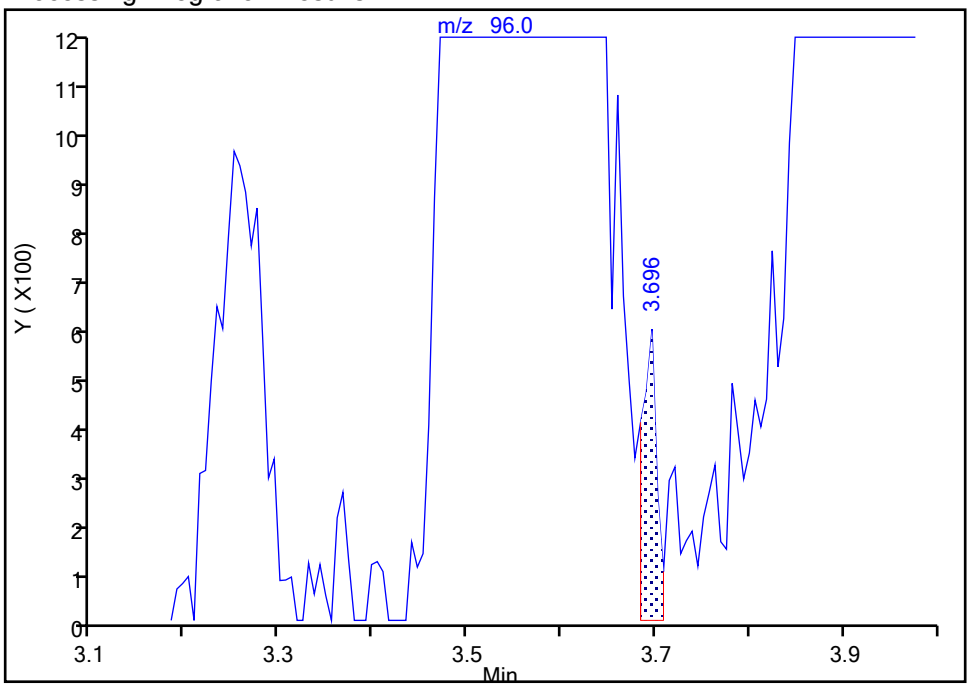
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 60 Fluorobenzene, CAS: 462-06-6

Signal: 1

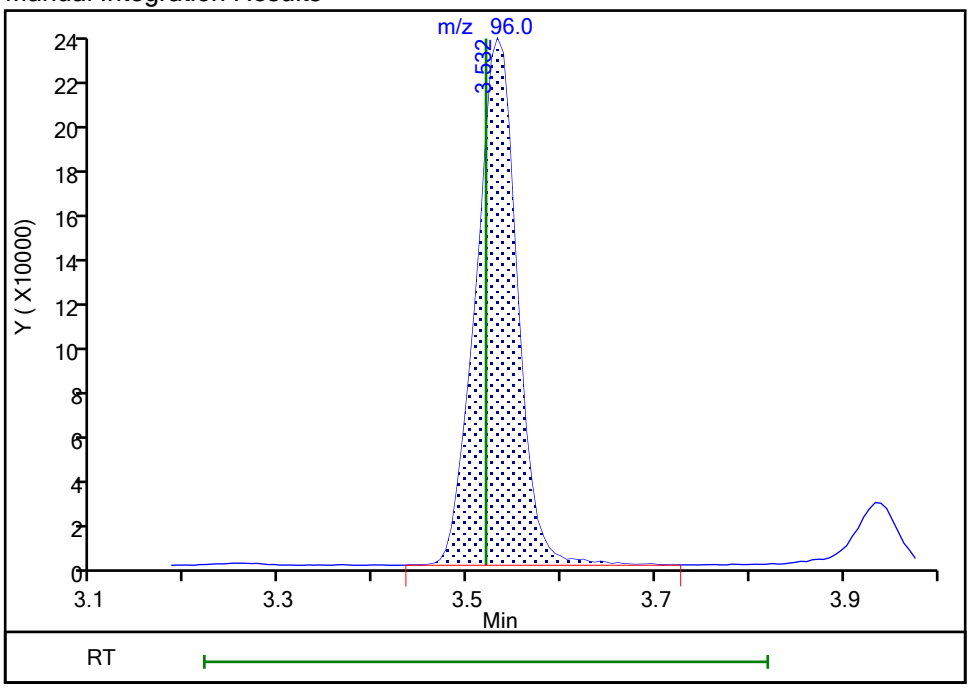
Processing Integration Results

RT: 3.70
Area: 655
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 715377
Amount: 50.000000
Amount Units: ug/l



Reviewer: boykink, 11-Mar-2021 22:33:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

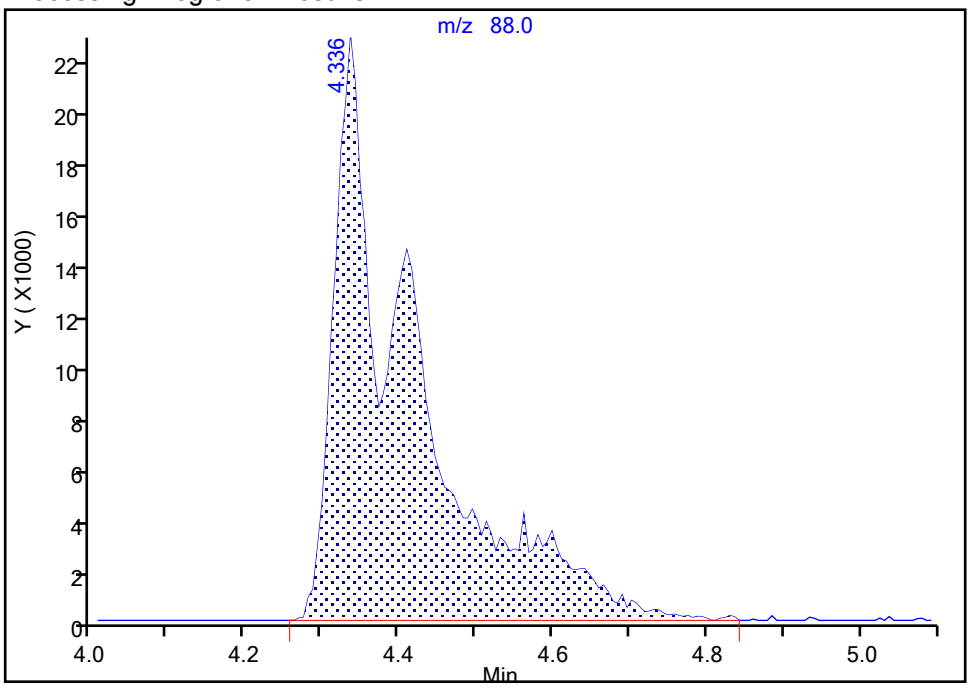
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69797.D
Injection Date: 11-Mar-2021 11:37:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

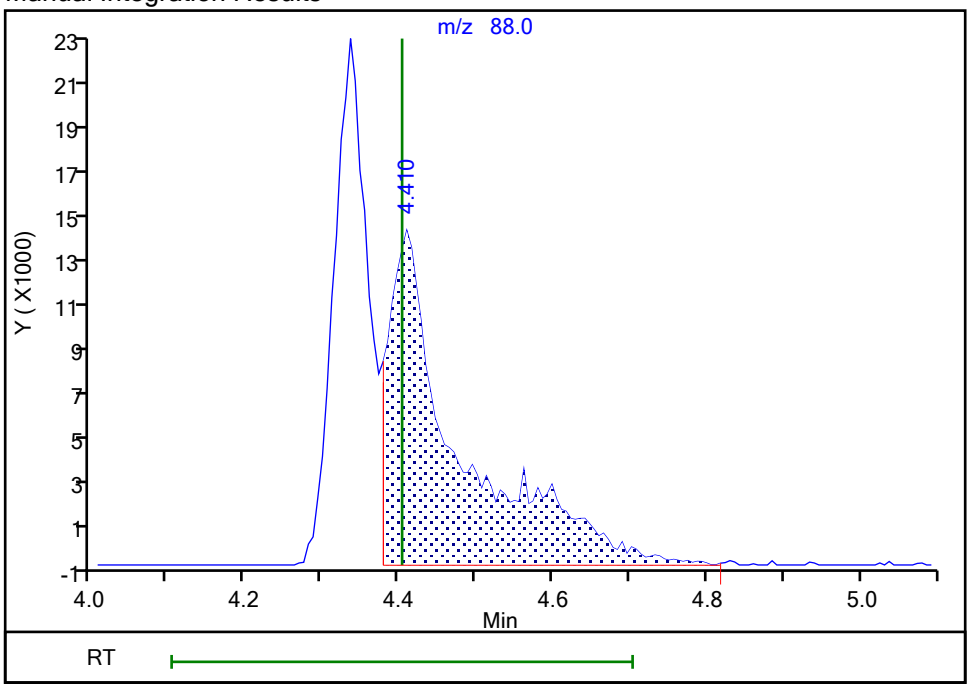
Processing Integration Results

RT: 4.34
Area: 160582
Amount: 4284.6855
Amount Units: ug/l



Manual Integration Results

RT: 4.41
Area: 92235
Amount: 4654.1428
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:36:50
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 11-Mar-2021 12:03:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0125263-009
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:02:30 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 12-Mar-2021 07:51:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.697	0.685	0.012	96	4906695	NC	NC	
4 Chlorodifluoromethane	67	0.703	0.691	0.012	97	528512	500.0	512.4	
3 Dichlorodifluoromethane	85	0.697	0.697	0.000	99	4556712	500.0	472.4	
5 Chloromethane	50	0.788	0.776	0.012	99	4094194	500.0	446.4	
6 Butadiene	54	0.813	0.801	0.012	96	2721038	500.0	448.4	
7 Vinyl chloride	62	0.831	0.825	0.006	99	3078690	500.0	465.9	
8 Bromomethane	94	0.965	0.953	0.012	99	2199510	500.0	436.2	
9 Chloroethane	64	0.983	0.971	0.012	99	1614618	500.0	432.8	
10 Dichlorofluoromethane	67	1.093	1.075	0.018	99	4196849	500.0	437.1	
12 Pentane	72	1.105	1.099	0.006	96	711973	1000.0	910.1	
11 Trichlorofluoromethane	101	1.124	1.112	0.012	98	4273736	500.0	467.8	
14 Ethanol	46	1.203	1.191	0.012	63	139056	20000	20012	
13 Ethyl ether	59	1.203	1.191	0.012	94	1449420	500.0	439.0	
15 2-Methyl-1,3-butadiene	53	1.215	1.209	0.006	97	1962695	500.0	445.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.252	1.240	0.012	94	2292556	500.0	460.9	
18 Acrolein	56	1.276	1.264	0.012	44	228478	600.0	633.9	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.288	1.276	0.012	92	3397489	500.0	448.7	a
19 1,1-Dichloroethene	96	1.325	1.319	0.006	98	2229056	500.0	470.1	
21 Acetone	43	1.355	1.343	0.012	85	2907771	2500.0	2744.0	
20 112TCTFE	101	1.367	1.355	0.012	96	2599431	500.0	475.8	a
22 Iodomethane	142	1.404	1.392	0.012	97	4755316	500.0	481.2	
23 Carbon disulfide	76	1.434	1.422	0.012	99	8187707	500.0	480.9	
24 Isopropyl alcohol	45	1.453	1.441	0.012	64	965365	5000.0	5223.6	
25 3-Chloro-1-propene	39	1.520	1.508	0.012	97	2883195	500.0	485.7	
26 Methyl acetate	43	1.538	1.532	0.006	98	2880635	1000.0	951.5	
27 Acetonitrile	39	1.562	1.550	0.012	67	1269586	5000.0	5227.2	a
28 Methylene Chloride	84	1.593	1.587	0.006	91	2395940	500.0	464.7	
* 29 TBA-d9 (IS)	65	1.678	1.642	0.036	0	277135	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.739	1.697	0.042	33	1781804	5000.0	5200.3	a
31 Acrylonitrile	53	1.745	1.733	0.012	94	5863165	5000.0	4862.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.758	1.746	0.012	94	2428624	500.0	461.7	
33 Methyl tert-butyl ether	73	1.782	1.776	0.006	97	6073316	500.0	445.8	
34 Hexane	57	1.934	1.928	0.006	94	3739695	500.0	500.8	
35 1,1-Dichloroethane	63	2.026	2.020	0.006	99	4423097	500.0	481.6	
36 Vinyl acetate	86	2.087	2.087	0.000	100	722154	1000.0	1118.6	
37 2-Chloro-1,3-butadiene	88	2.093	2.087	0.006	91	2257482	500.0	499.4	
38 Isopropyl ether	45	2.123	2.099	0.024	93	7289088	500.0	465.4	
39 Tert-butyl ethyl ether	87	2.398	2.373	0.025	87	2862432	500.0	509.9	
* 40 2-Butanone-d5	46	2.440	2.428	0.012	0	343607	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	2.465	2.453	0.012	98	2728860	500.0	496.9	
42 2,2-Dichloropropane	79	2.483	2.471	0.012	93	1233596	500.0	493.8	
43 2-Butanone (MEK)	72	2.495	2.471	0.024	99	1168587	2500.0	2426.8	
44 Propionitrile	54	2.538	2.532	0.006	95	2241782	5000.0	4907.6	
45 Ethyl acetate	70	2.568	2.556	0.012	99	367894	1000.0	1130.6	
62 Methyl acrylate	55	2.581	2.569	0.012	99	2038961	500.0	448.9	
46 Chlorobromomethane	128	2.660	2.648	0.012	88	1354831	500.0	476.2	
47 Methacrylonitrile	67	2.672	2.654	0.018	92	7698529	5000.0	4761.9	
48 Tetrahydrofuran	72	2.702	2.697	0.005	93	554812	1000.0	1000.2	
49 Chloroform	83	2.745	2.739	0.006	99	4304905	500.0	481.2	
$ 50 Dibromofluoromethane (Surr)	113	2.885	2.873	0.012	97	214521	50.0	47.4	
51 1,1,1-Trichloroethane	97	2.898	2.879	0.019	99	4070216	500.0	492.7	
52 Cyclohexane	84	2.946	2.922	0.024	92	4069820	500.0	506.5	
54 1,1-Dichloropropene	75	3.038	3.026	0.012	98	3482571	500.0	506.7	
53 Carbon tetrachloride	117	3.044	3.032	0.012	98	3682014	500.0	502.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.178	3.172	0.006	0	214606	50.0	46.0	
56 Benzene	78	3.227	3.221	0.006	95	9736662	500.0	510.0	
57 1,2-Dichloroethane	62	3.257	3.245	0.012	98	2997983	500.0	479.7	
58 Isobutyl alcohol	42	3.404	3.337	0.067	67	845575	12500	12034	
59 Tert-amyl methyl ether	73	3.410	3.385	0.025	89	7628381	500.0	509.8	
73 Isopropyl acetate	43	3.410	3.398	0.012	92	9140717	500.0	482.9	
* 60 Fluorobenzene	96	3.532	3.520	0.012	99	795002	50.0	50.0	a
61 n-Heptane	43	3.580	3.574	0.006	94	4308586	500.0	475.2	
63 Trichloroethene	95	3.934	3.928	0.006	98	2677799	500.0	520.3	
64 n-Butanol	43	4.031	4.093	-0.062	87	478580	12500	12493	a
65 Methylcyclohexane	83	4.160	4.135	0.025	87	4916564	500.0	525.3	
66 Ethyl acrylate	55	4.166	4.154	0.012	97	6286760	500.0	515.1	
67 1,2-Dichloropropane	63	4.190	4.184	0.006	93	2454144	500.0	491.2	
68 Dibromomethane	93	4.324	4.318	0.006	93	1436264	500.0	492.4	
* 69 1,4-Dioxane-d8	96	4.342	4.361	-0.019	0	27887	1000.0	1000.0	
70 1,4-Dioxane	88	4.403	4.404	-0.001	83	243748	10000	7509.2	Ma
71 Methyl methacrylate	100	4.452	4.440	0.012	96	1108204	1000.0	1087.7	
72 Dichlorobromomethane	83	4.574	4.562	0.012	100	3249197	500.0	509.2	
81 n-Propyl acetate	43	4.568	4.574	-0.006	99	2740266	500.0	487.1	
74 2-Nitropropane	41	4.891	4.891	0.000	98	966735	1000.0	1043.7	
75 2-Chloroethyl vinyl ether	63	5.068	5.086	-0.018	94	240596	501.2	500.9	
76 Epichlorohydrin	57	5.092	5.086	0.006	99	2483309	10000	9993.2	
77 cis-1,3-Dichloropropene	75	5.202	5.184	0.018	93	3912112	500.0	562.4	
78 4-Methyl-2-pentanone (MIBK)	43	5.501	5.489	0.012	97	9779529	2500.0	2467.4	
$ 79 Toluene-d8 (Surr)	98	5.562	5.550	0.012	98	820207	50.0	50.0	
80 Toluene	91	5.659	5.653	0.006	93	10647116	500.0	517.9	
82 trans-1,3-Dichloropropene	75	6.080	6.080	0.000	98	3389936	500.0	556.4	
83 1,1,2-Trichloroethane	83	6.348	6.342	0.006	95	1607510	500.0	493.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.360	6.348	0.012	95	2774987	500.0	552.1	
85 Tetrachloroethene	166	6.507	6.495	0.012	98	3145379	500.0	535.9	
86 1,3-Dichloropropane	76	6.598	6.586	0.012	95	3359943	500.0	512.0	
87 2-Hexanone	43	6.885	6.879	0.006	97	7066417	2500.0	2726.0	
88 Chlorodibromomethane	129	6.964	6.952	0.012	99	2508484	500.0	549.4	
89 Ethylene Dibromide	107	7.074	7.062	0.012	99	2049853	500.0	521.5	
90 n-Butyl acetate	73	7.214	7.214	0.000	100	517696	500.0	529.3	
* 91 Chlorobenzene-d5	117	7.964	7.958	0.006	83	616903	50.0	50.0	
92 Chlorobenzene	112	8.019	8.007	0.012	95	6946726	500.0	523.9	
93 1,1,1,2-Tetrachloroethane	131	8.238	8.232	0.006	97	2761644	500.0	548.9	
94 Ethylbenzene	106	8.317	8.305	0.012	98	3976894	500.0	547.4	
95 m-Xylene & p-Xylene	106	8.567	8.561	0.006	99	4851268	500.0	558.5	
96 o-Xylene	106	9.293	9.281	0.012	94	4760532	500.0	549.5	
97 Styrene	104	9.335	9.323	0.012	97	8139873	500.0	566.6	
98 n-Butyl acrylate	73	9.506	9.500	0.006	97	1597927	500.0	575.4	
99 Bromoform	173	9.573	9.567	0.006	99	1855693	500.0	559.3	
101 Amyl acetate (mixed isomers)	43	9.982	9.982	0.000	90	3813706	500.0	551.3	
102 Isopropylbenzene	105	10.024	10.018	0.006	95	13426997	500.0	570.1	
$ 103 4-Bromofluorobenzene	174	10.232	10.226	0.006	95	293142	50.0	49.1	
104 Bromobenzene	156	10.402	10.396	0.006	94	3319113	500.0	522.7	
105 1,2,3-Trichloropropane	110	10.622	10.616	0.006	99	751568	500.0	452.1	
106 1,1,2,2-Tetrachloroethane	83	10.640	10.628	0.012	98	2736086	500.0	484.8	
107 trans-1,4-Dichloro-2-butene	53	10.744	10.732	0.012	94	794221	500.0	588.4	
108 N-Propylbenzene	120	10.774	10.756	0.018	100	3734714	500.0	536.8	
109 2-Chlorotoluene	126	10.817	10.799	0.018	97	3296867	500.0	536.5	
110 4-Ethyltoluene	105	10.994	10.975	0.019	98	13186103	500.0	552.9	
111 4-Chlorotoluene	91	11.024	11.012	0.012	97	10828541	500.0	527.1	
112 1,3,5-Trimethylbenzene	105	11.122	11.110	0.012	93	11765105	500.0	566.2	
100 Butyl Methacrylate	87	11.481	11.475	0.006	99	3298951	500.0	499.8	
113 tert-Butylbenzene	119	11.646	11.640	0.006	95	9977629	500.0	594.4	
114 1,2,4-Trimethylbenzene	105	11.743	11.725	0.018	97	11793164	500.0	555.7	
115 sec-Butylbenzene	105	12.067	12.054	0.012	99	15720451	500.0	576.3	
116 1,3-Dichlorobenzene	146	12.140	12.128	0.012	98	6588705	500.0	517.5	
* 117 1,4-Dichlorobenzene-d4	152	12.286	12.280	0.006	91	384260	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.335	12.329	0.006	96	6525078	500.0	505.8	
119 4-Isopropyltoluene	119	12.420	12.408	0.012	98	13664457	500.0	572.7	
120 1,2,3-Trimethylbenzene	105	12.530	12.512	0.018	98	12136009	500.0	558.0	
121 Benzyl chloride	126	12.670	12.664	0.006	99	1041055	500.0	499.5	
122 2,3-Dihydroindene	117	12.810	12.804	0.006	95	11353522	500.0	545.1	
123 1,2-Dichlorobenzene	146	12.950	12.945	0.005	98	6516193	500.0	527.0	
124 p-Diethylbenzene	119	13.048	13.042	0.006	94	7195049	500.0	561.7	a
125 n-Butylbenzene	92	13.072	13.066	0.006	99	7695136	500.0	568.5	e
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	96	630309	500.0	516.8	
127 1,2,4,5-Tetramethylbenzene	119	13.786	13.780	0.006	95	11226455	500.0	506.3	e
128 1,3,5-Trichlorobenzene	180	13.932	13.926	0.006	98	6113217	500.0	551.1	
129 1,2,4-Trichlorobenzene	180	14.365	14.359	0.006	94	5437743	500.0	538.0	
130 Hexachlorobutadiene	225	14.505	14.499	0.006	98	3418182	500.0	599.6	
131 Naphthalene	128	14.511	14.511	0.000	98	9815533	500.0	489.7	e
132 1,2,3-Trichlorobenzene	180	14.670	14.664	0.006	96	5252381	500.0	542.0	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	958.6	
S 134 1,3-Dichloropropene, Total	100				0		1000.0	1118.8	
S 135 Xylenes, Total	100				0		1000.0	1108.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		2500.0	2683.2	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

MIX 2 Hi_00108	Amount Added:	5.00	Units: uL	
8FreonHi_00029	Amount Added:	5.00	Units: uL	
Ethanol mix_00050	Amount Added:	5.00	Units: uL	
GAS Hi_00383	Amount Added:	5.00	Units: uL	
ACROLEIN W_00120	Amount Added:	6.00	Units: uL	
MIX I Hi_00135	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:02:33 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2 Operator ID:

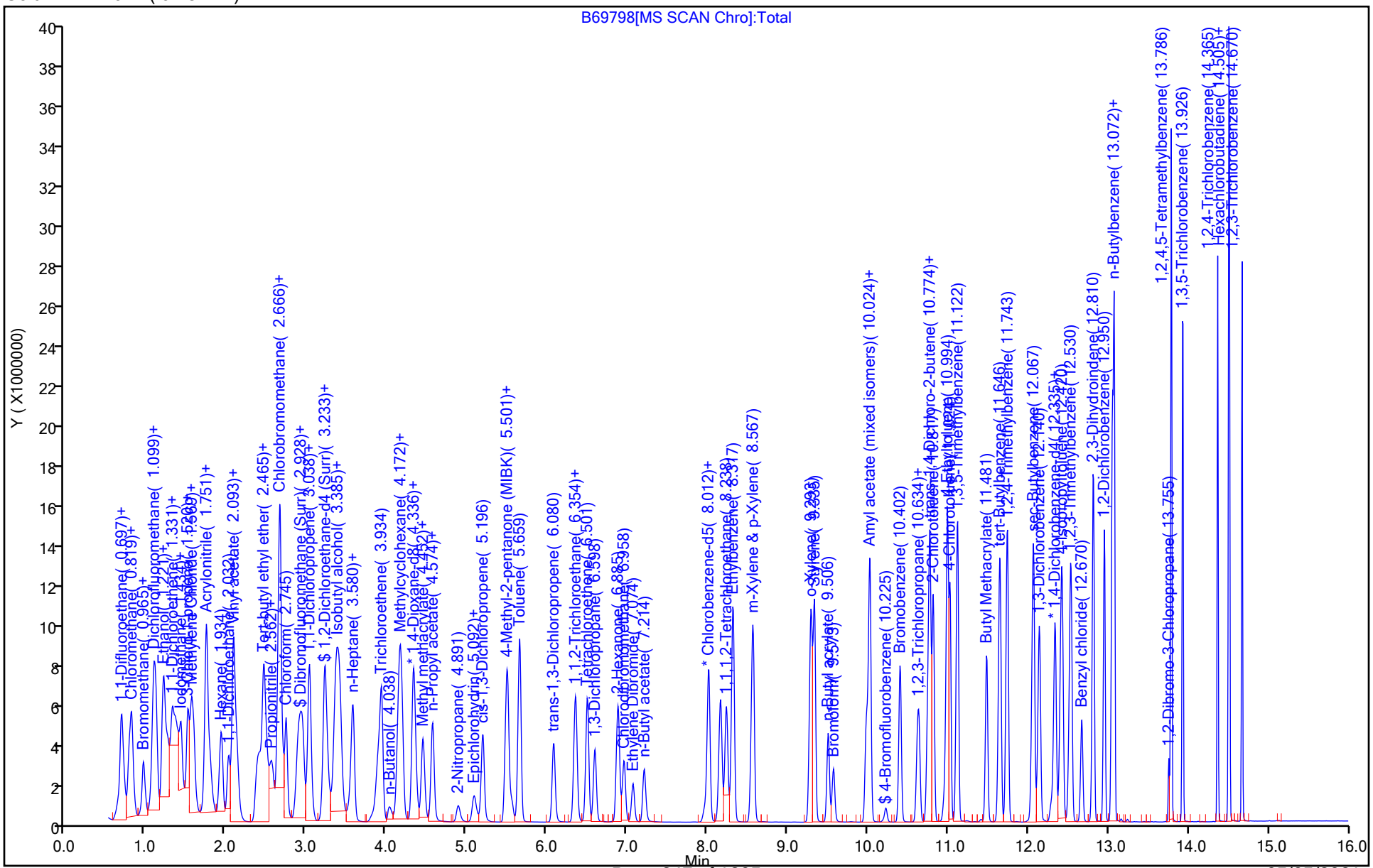
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

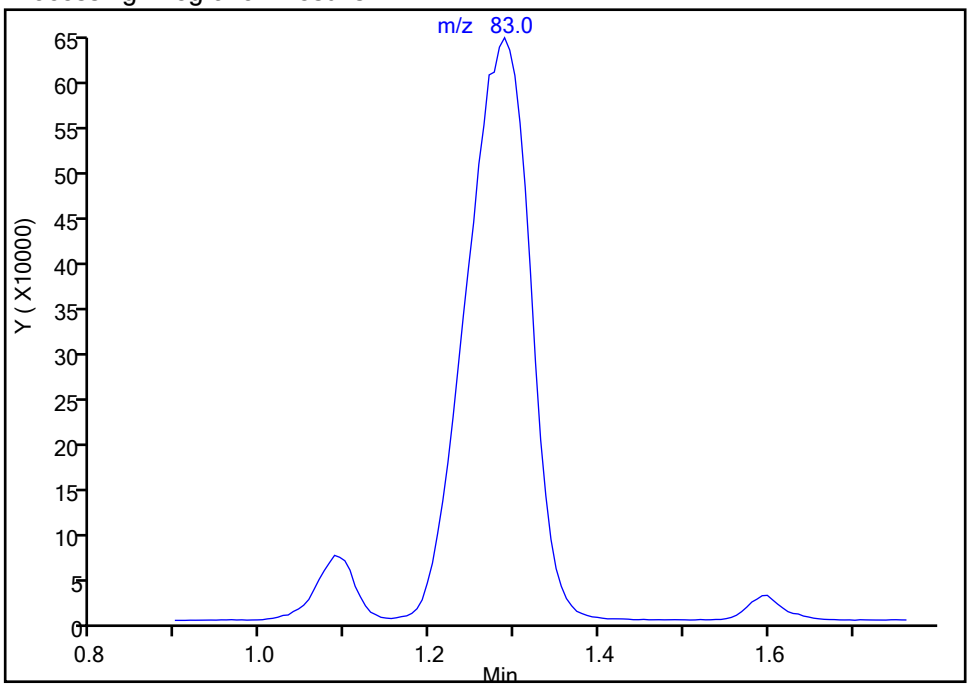
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

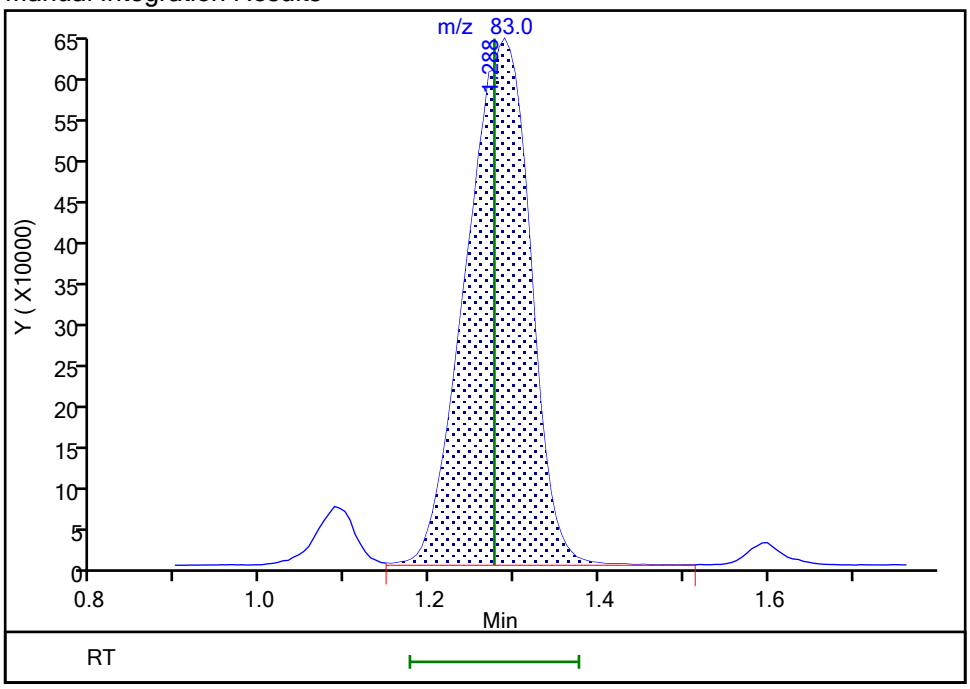
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.29
Area: 3397489
Amount: 448.6858
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:53:00
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

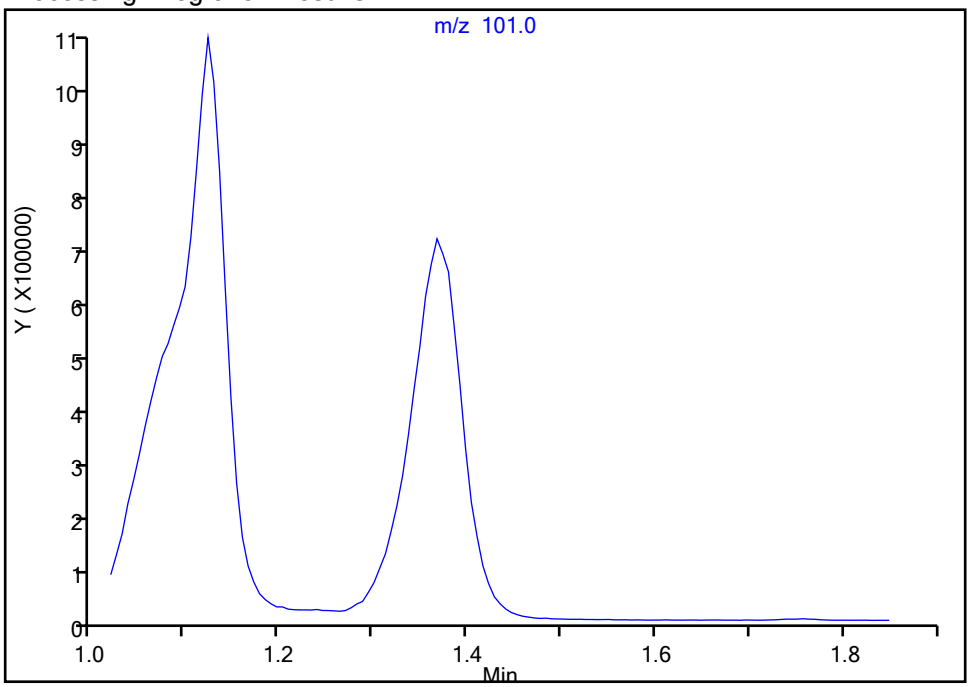
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

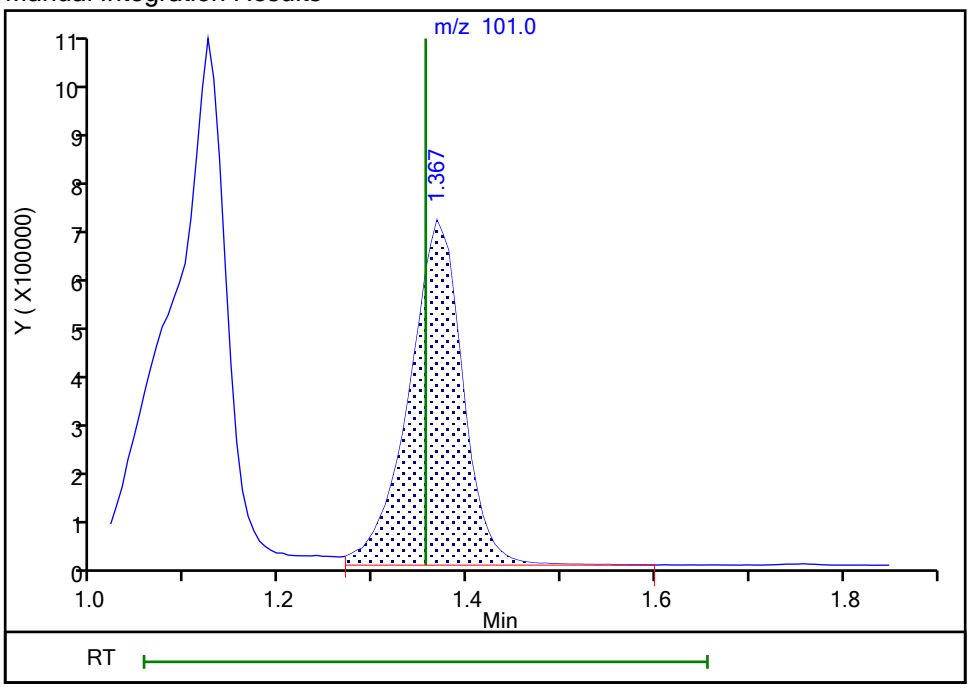
Not Detected
Expected RT: 1.36

Processing Integration Results



Manual Integration Results

RT: 1.37
Area: 2599431
Amount: 475.8184
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:53:13
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

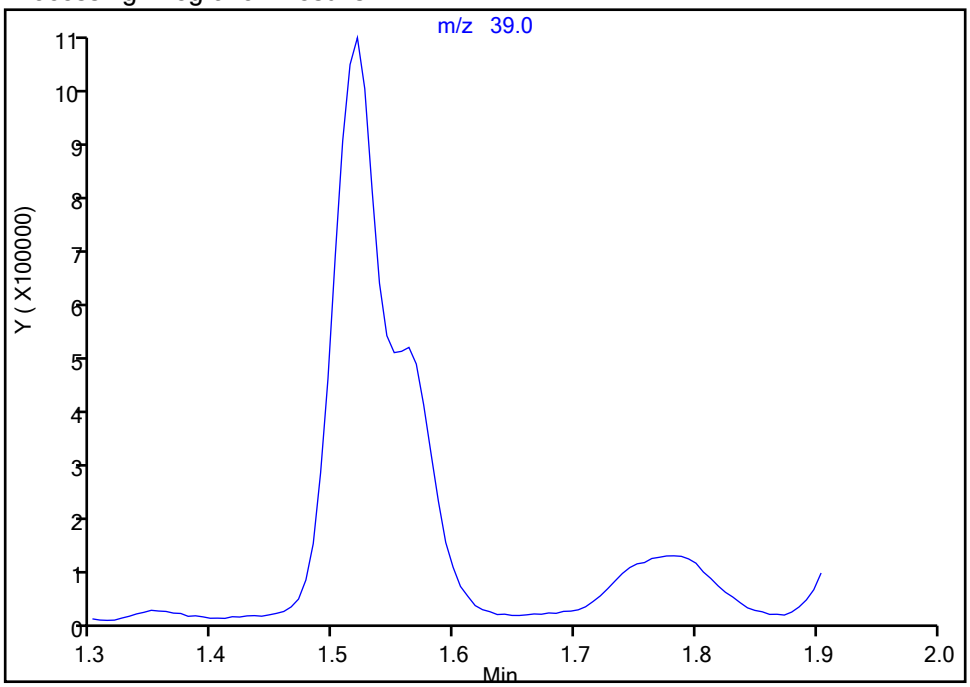
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

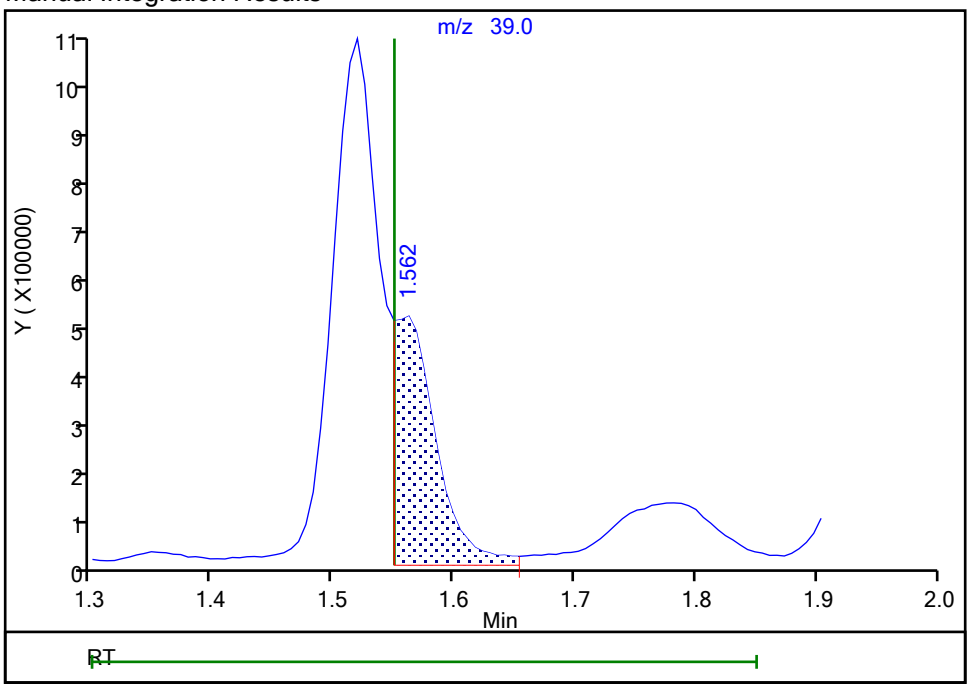
Not Detected
Expected RT: 1.55

Processing Integration Results



Manual Integration Results

RT: 1.56
Area: 1269586
Amount: 5227.2147
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 13:27:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

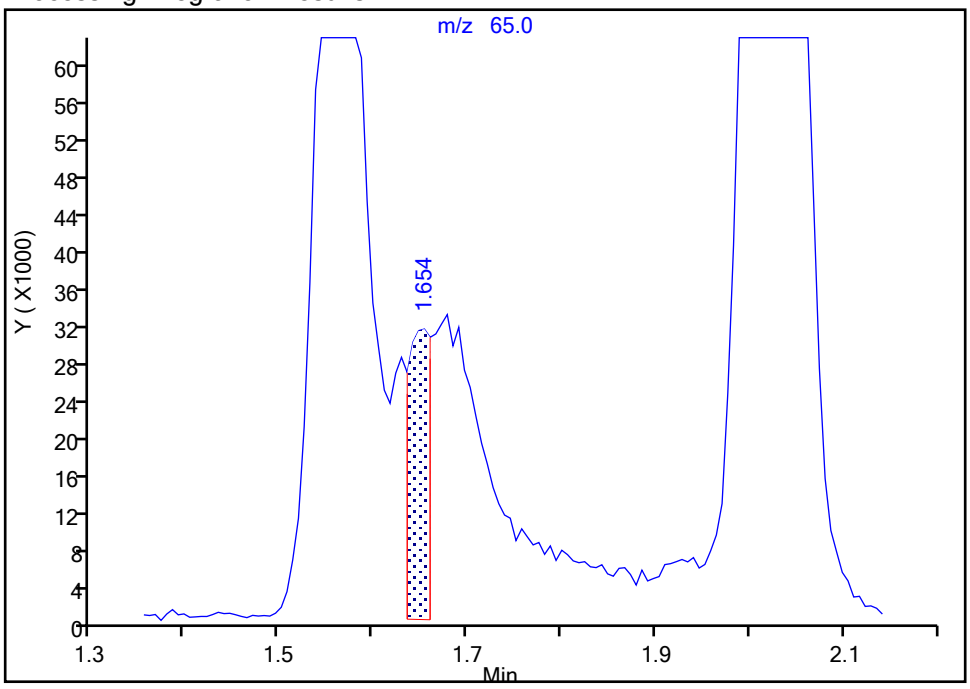
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

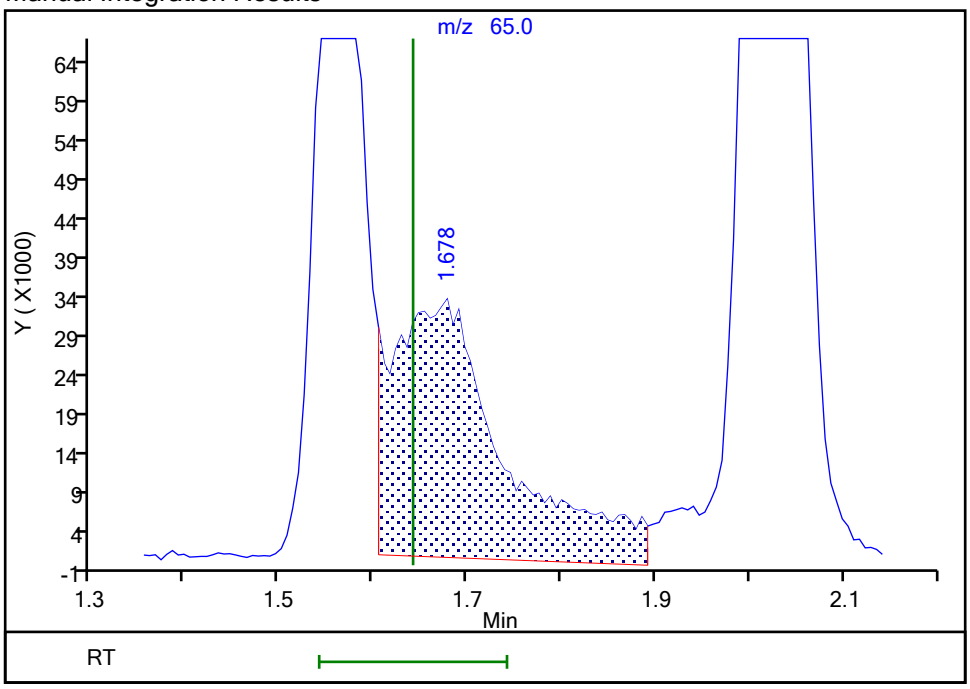
Processing Integration Results

RT: 1.65
Area: 54718
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 277135
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:52:39
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

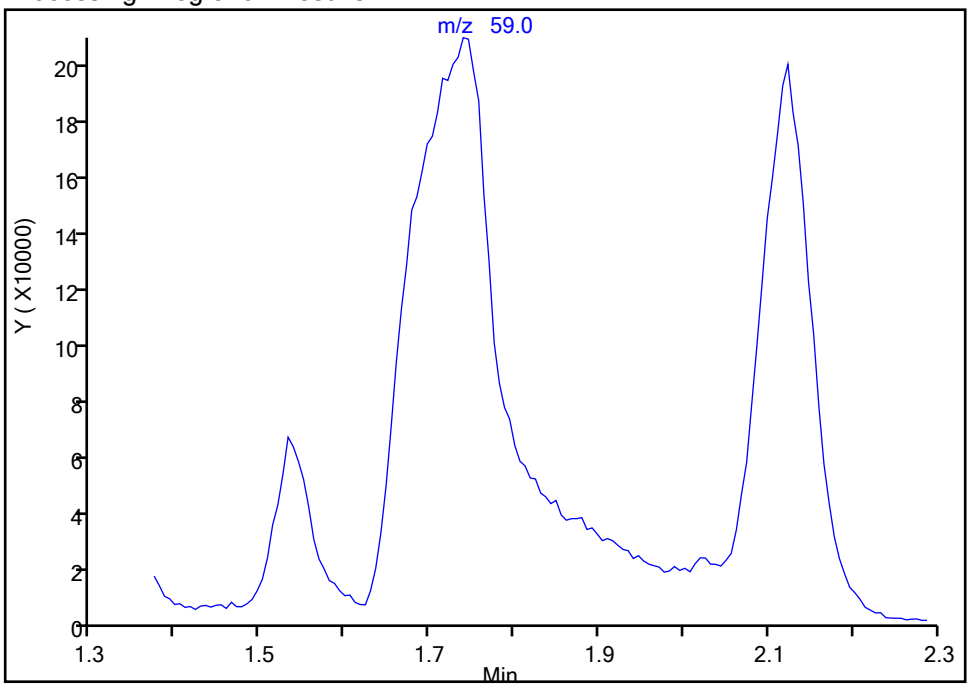
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

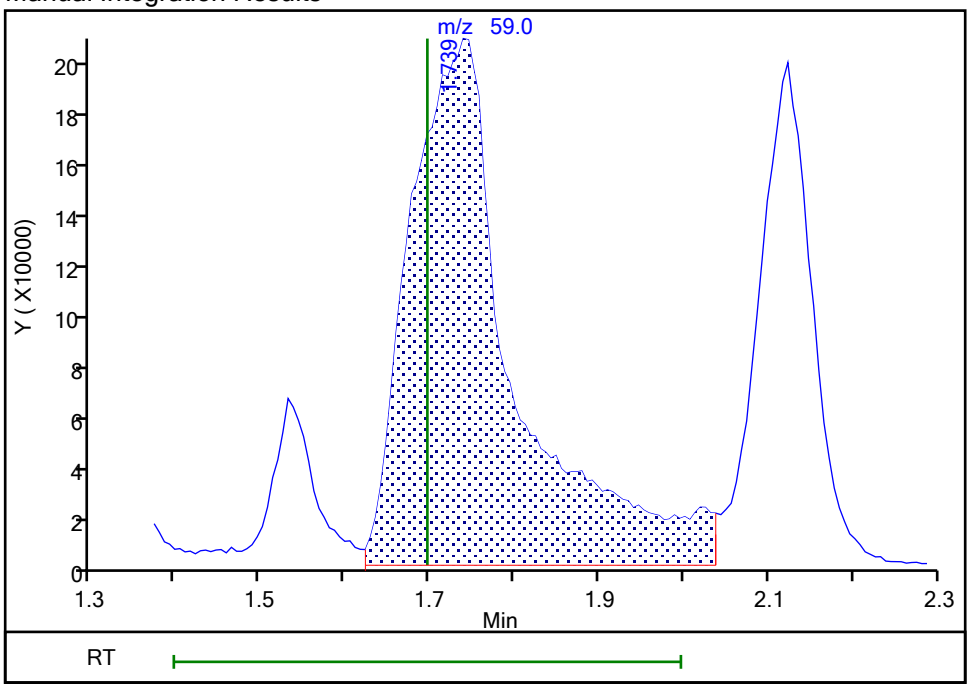
Not Detected
Expected RT: 1.70

Processing Integration Results



Manual Integration Results

RT: 1.74
Area: 1781804
Amount: 5200.3015
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:53:32
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins TestAmerica, Edison

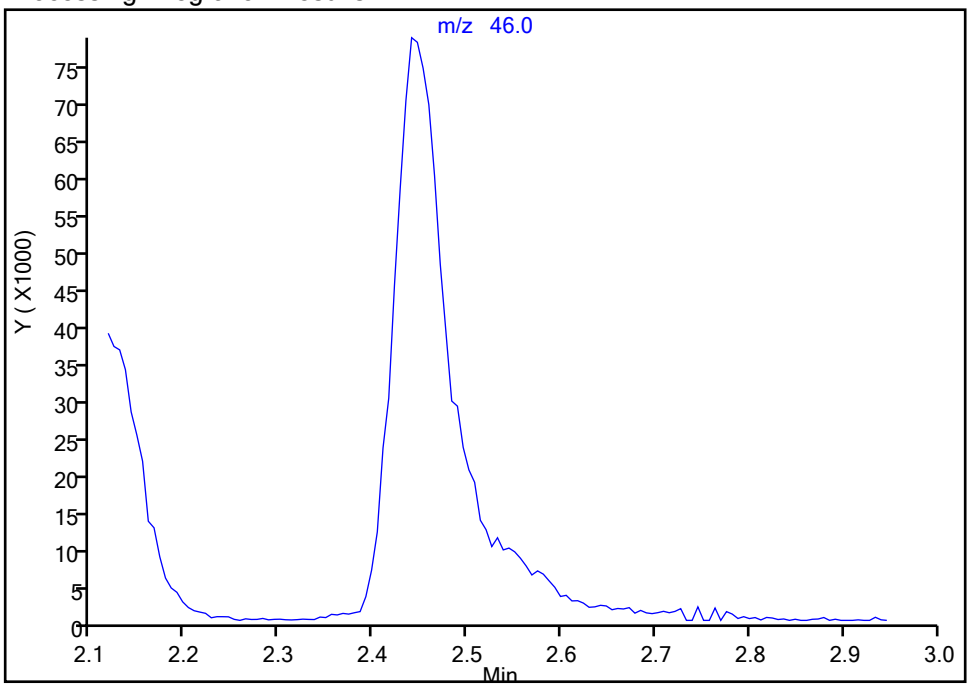
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

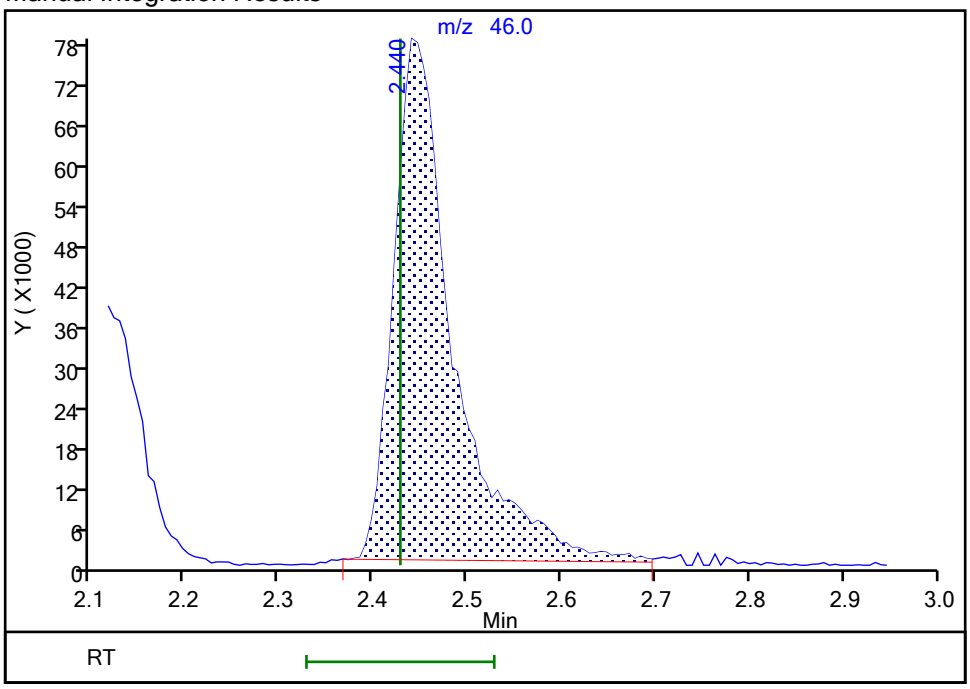
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.44
Area: 343607
Amount: 250.0000
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:50:46
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

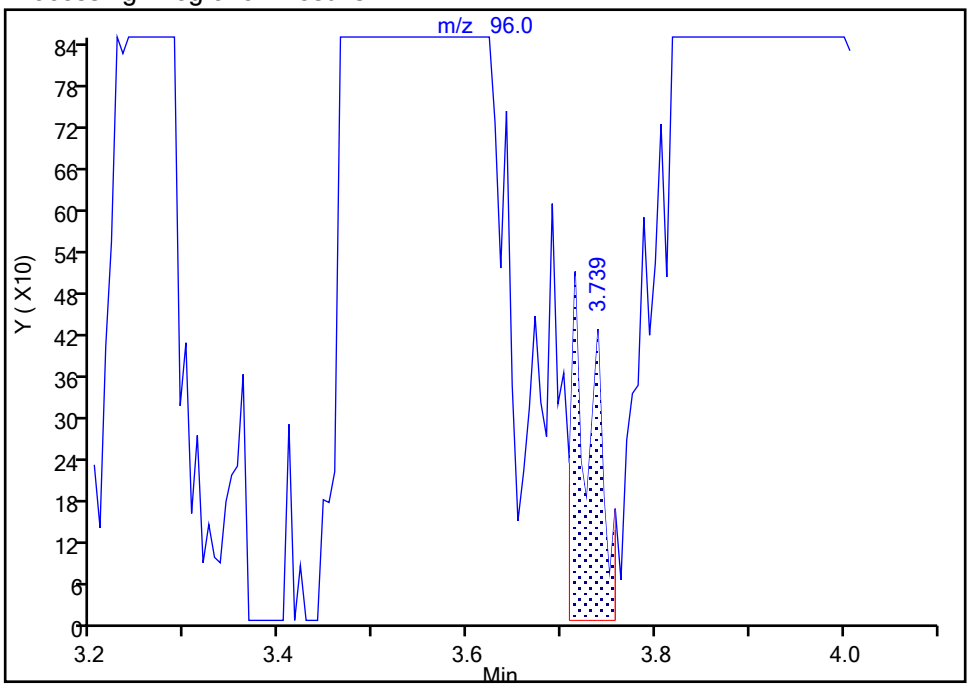
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 60 Fluorobenzene, CAS: 462-06-6

Signal: 1

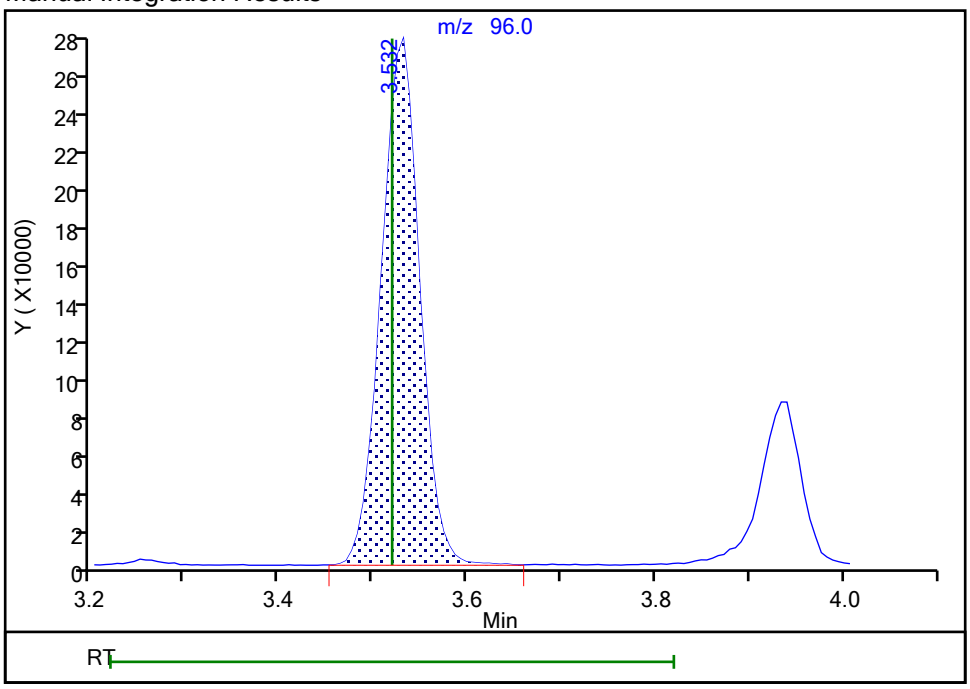
Processing Integration Results

RT: 3.74
Area: 831
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 795002
Amount: 50.000000
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:50:53
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

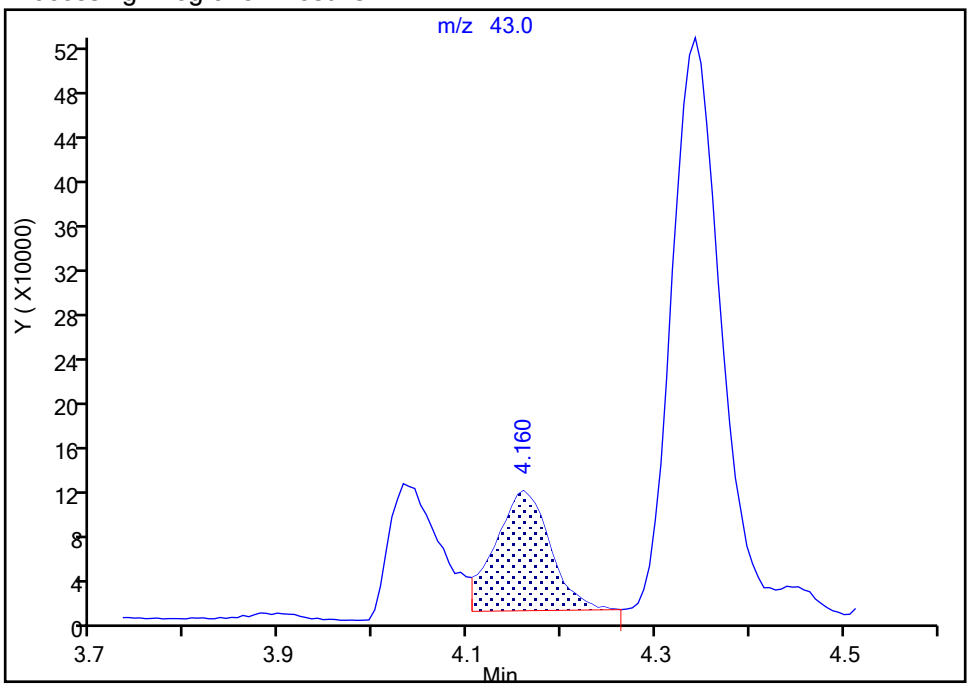
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

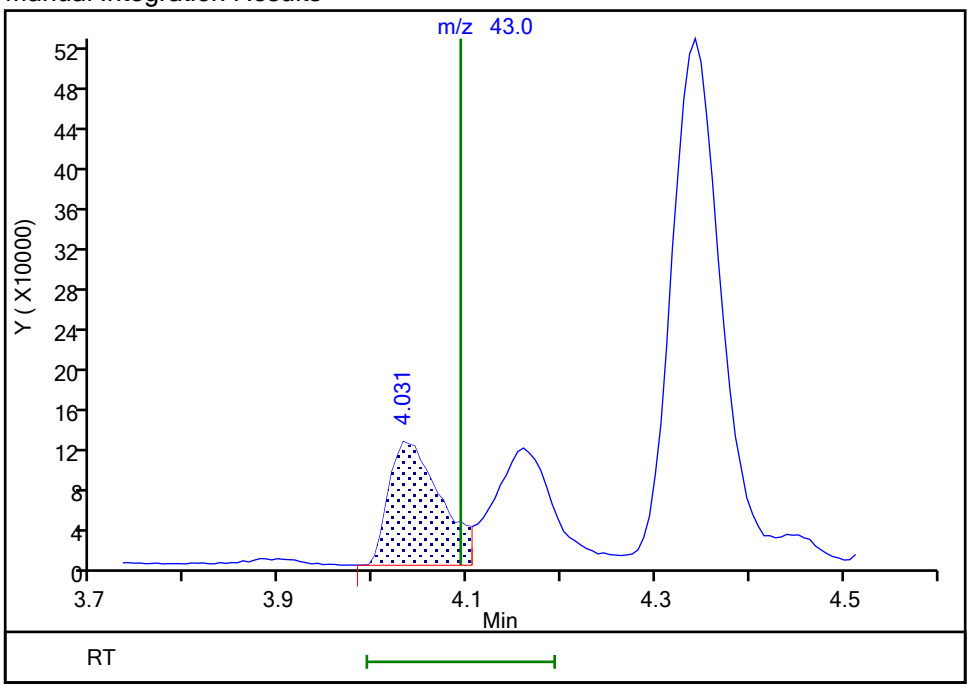
Processing Integration Results

RT: 4.16
Area: 442166
Amount: 8233.2058
Amount Units: ug/l



Manual Integration Results

RT: 4.03
Area: 478580
Amount: 12493
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 13:18:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

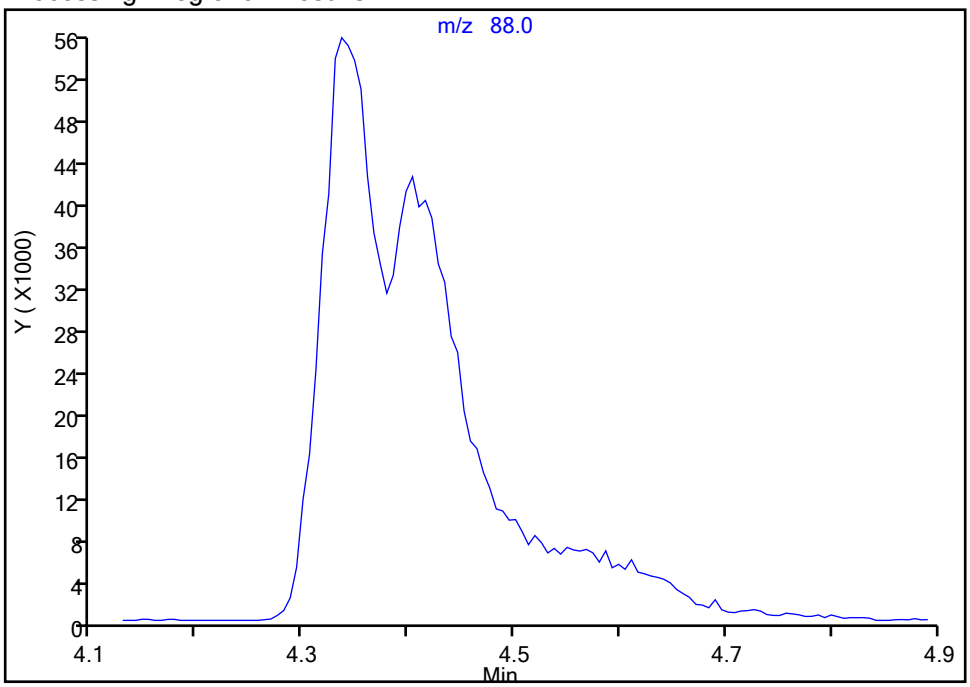
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

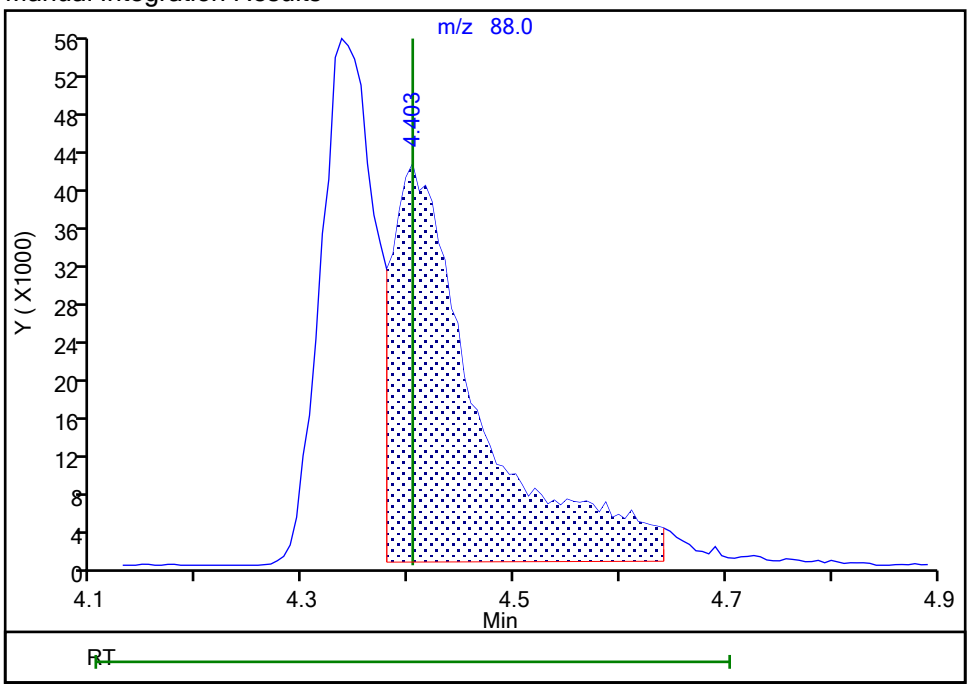
Not Detected
Expected RT: 4.40

Processing Integration Results



Manual Integration Results

RT: 4.40
Area: 243748
Amount: 7509.2375
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:35:44
Audit Action: Manually Integrated Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

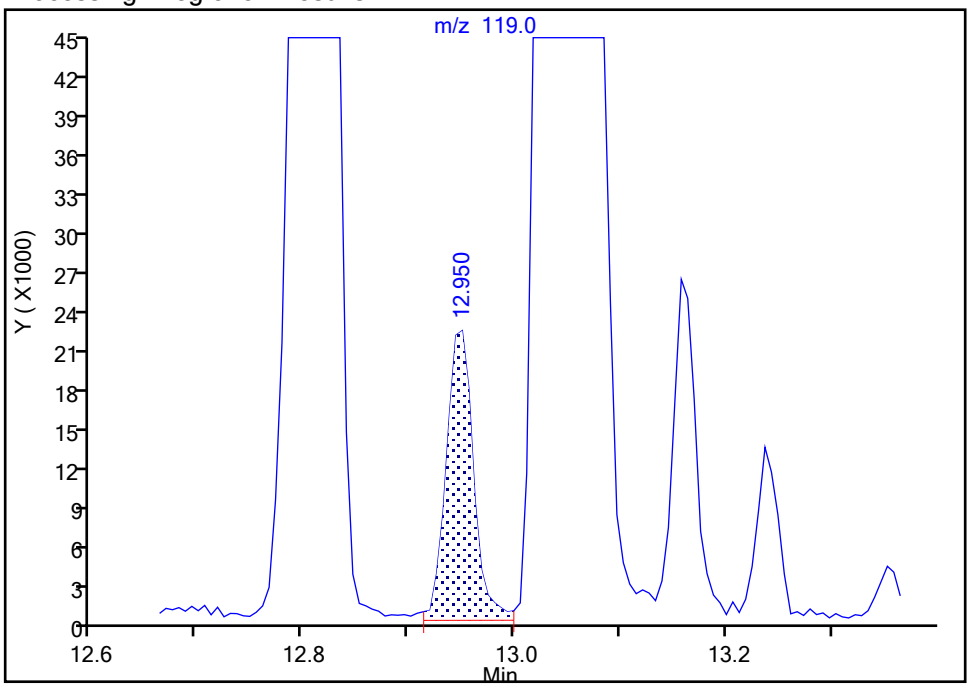
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D
Injection Date: 11-Mar-2021 12:03:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

124 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

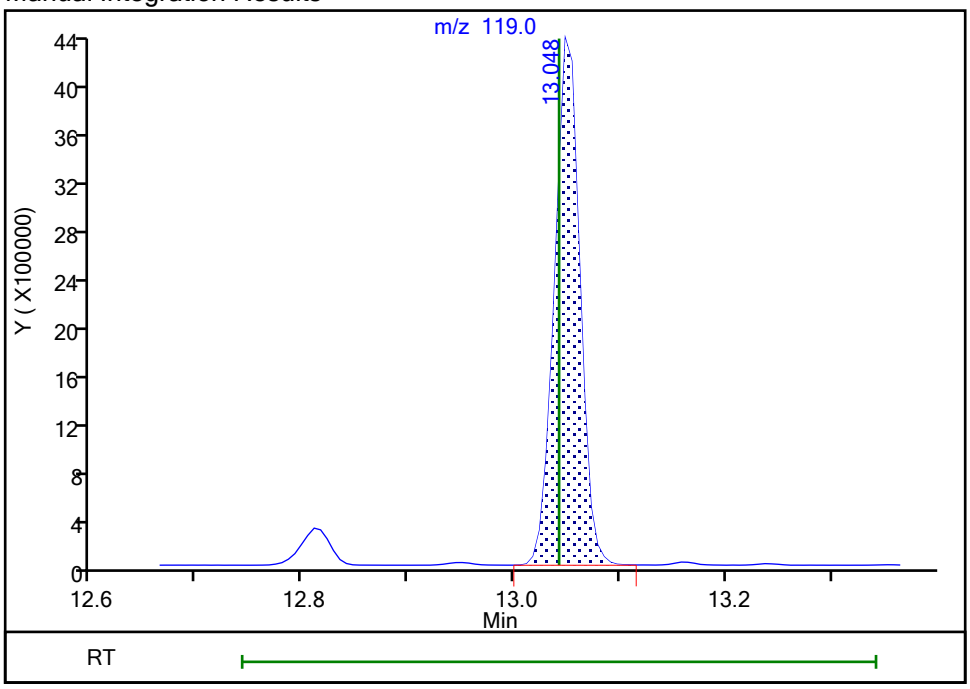
Processing Integration Results

RT: 12.95
Area: 39877
Amount: 3.825636
Amount Units: ug/l



Manual Integration Results

RT: 13.05
Area: 7195049
Amount: 561.7321
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 07:54:36
Audit Action: Assigned Compound ID Audit Reason: Baseline

Calibration / Chlorodifluoromethane

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

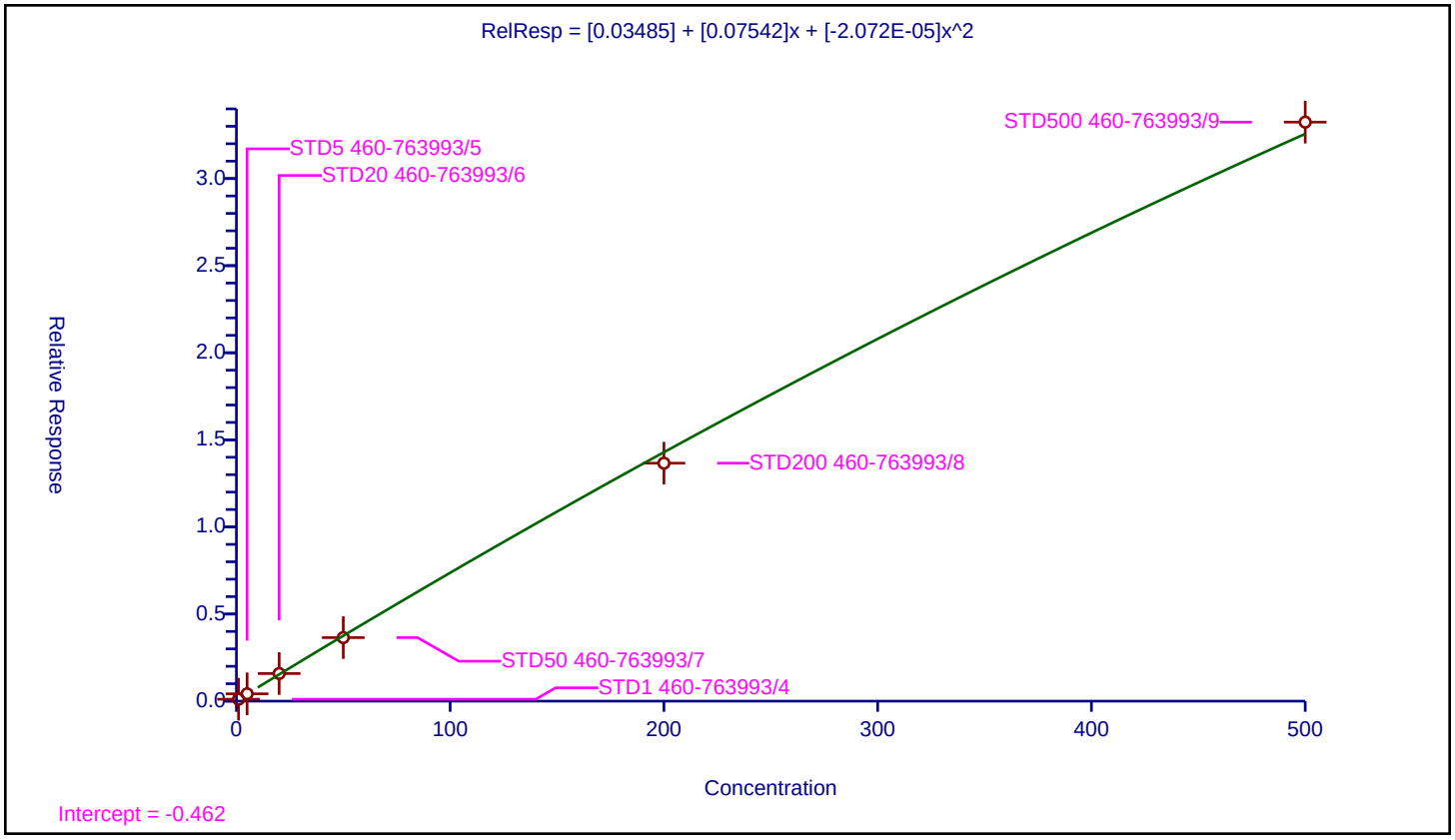
Curve Coefficients

Intercept:	0.03485
Slope:	0.07542
Second Order:	-2.072E-05

Error Coefficients

Standard Error:	327000
Relative Standard Error:	4.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.109807	50.0	554611.0	0.109807	Y
2	STD5 460-763993/5	5.0	0.420682	50.0	607466.0	0.084136	Y
3	STD20 460-763993/6	20.0	1.585172	50.0	582145.0	0.079259	Y
4	STD50 460-763993/7	50.0	3.647134	50.0	642011.0	0.072943	Y
5	STD200 460-763993/8	200.0	13.661188	50.0	715377.0	0.068306	Y
6	STD500 460-763993/9	500.0	33.239665	50.0	795002.0	0.066479	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

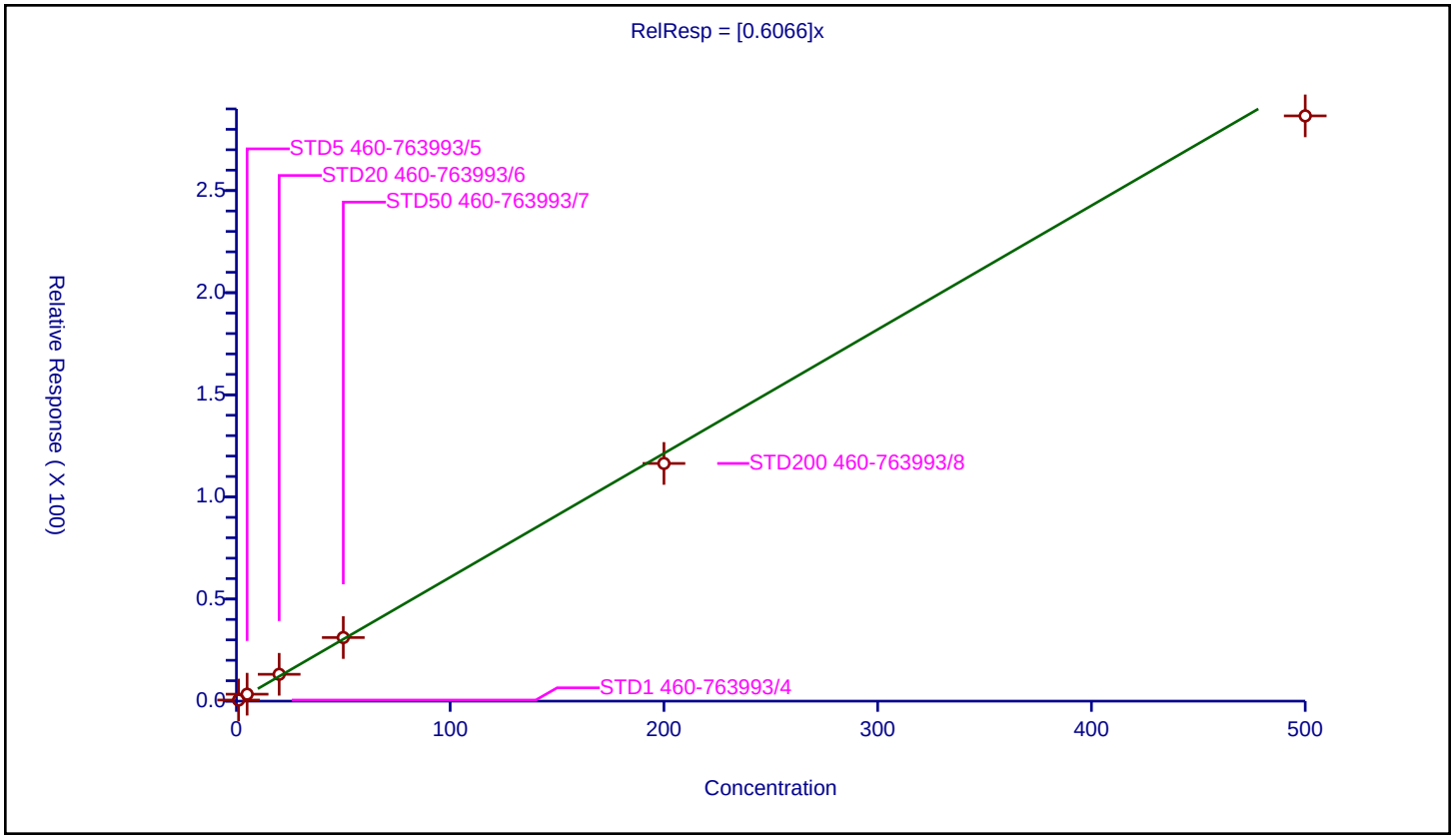
Curve Coefficients

Intercept:	0
Slope:	0.6066

Error Coefficients

Standard Error:	2180000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.524422	50.0	554611.0	0.524422	Y
2	STD5 460-763993/5	5.0	3.402166	50.0	607466.0	0.680433	Y
3	STD20 460-763993/6	20.0	13.138565	50.0	582145.0	0.656928	Y
4	STD50 460-763993/7	50.0	31.140977	50.0	642011.0	0.62282	Y
5	STD200 460-763993/8	200.0	116.383599	50.0	715377.0	0.581918	Y
6	STD500 460-763993/9	500.0	286.584939	50.0	795002.0	0.57317	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

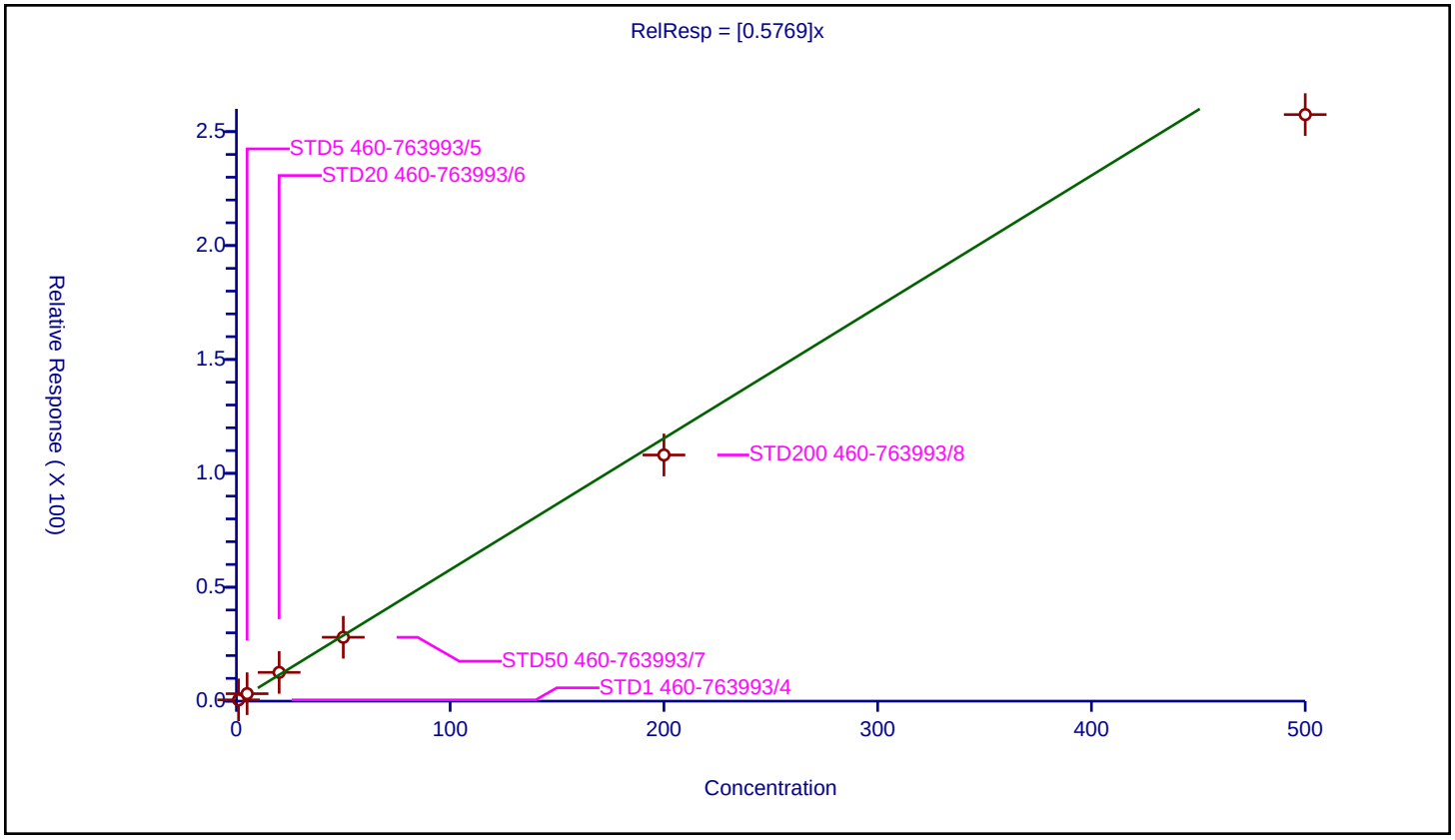
Curve Coefficients

Intercept:	0
Slope:	0.5769

Error Coefficients

Standard Error:	1960000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.561024	50.0	554611.0	0.561024	Y
2	STD5 460-763993/5	5.0	3.266438	50.0	607466.0	0.653288	Y
3	STD20 460-763993/6	20.0	12.621941	50.0	582145.0	0.631097	Y
4	STD50 460-763993/7	50.0	28.028725	50.0	642011.0	0.560575	Y
5	STD200 460-763993/8	200.0	108.069032	50.0	715377.0	0.540345	Y
6	STD500 460-763993/9	500.0	257.49583	50.0	795002.0	0.514992	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

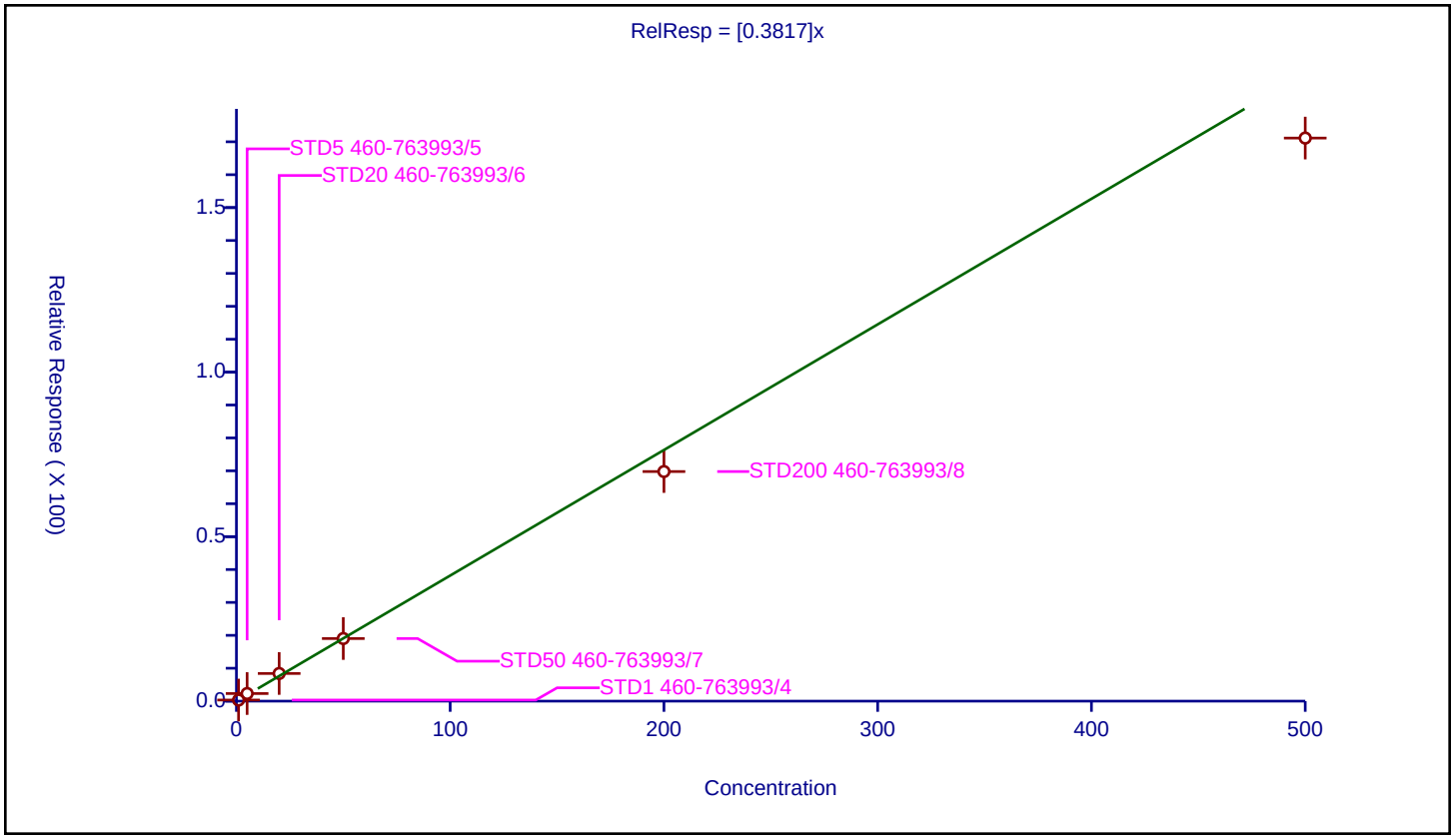
Curve Coefficients

Intercept:	0
Slope:	0.3817

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	13.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.33528	50.0	554611.0	0.33528	Y
2	STD5 460-763993/5	5.0	2.313298	50.0	607466.0	0.46266	Y
3	STD20 460-763993/6	20.0	8.406153	50.0	582145.0	0.420308	Y
4	STD50 460-763993/7	50.0	19.025998	50.0	642011.0	0.38052	Y
5	STD200 460-763993/8	200.0	69.784114	50.0	715377.0	0.348921	Y
6	STD500 460-763993/9	500.0	171.134035	50.0	795002.0	0.342268	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

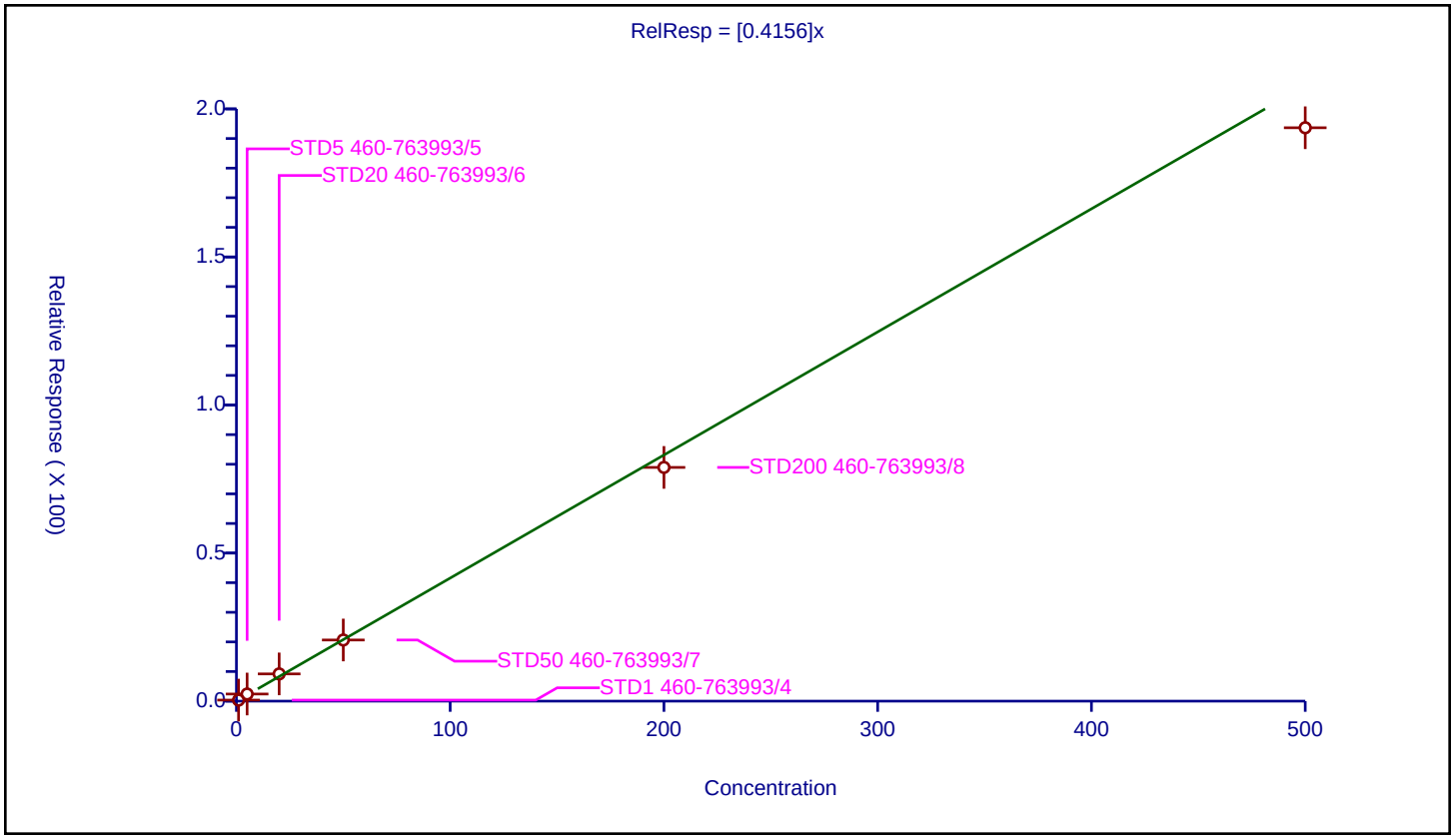
Curve Coefficients

Intercept:	0
Slope:	0.4156

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.357548	50.0	554611.0	0.357548	Y
2	STD5 460-763993/5	5.0	2.406637	50.0	607466.0	0.481327	Y
3	STD20 460-763993/6	20.0	9.198052	50.0	582145.0	0.459903	Y
4	STD50 460-763993/7	50.0	20.648322	50.0	642011.0	0.412966	Y
5	STD200 460-763993/8	200.0	78.925727	50.0	715377.0	0.394629	Y
6	STD500 460-763993/9	500.0	193.627815	50.0	795002.0	0.387256	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

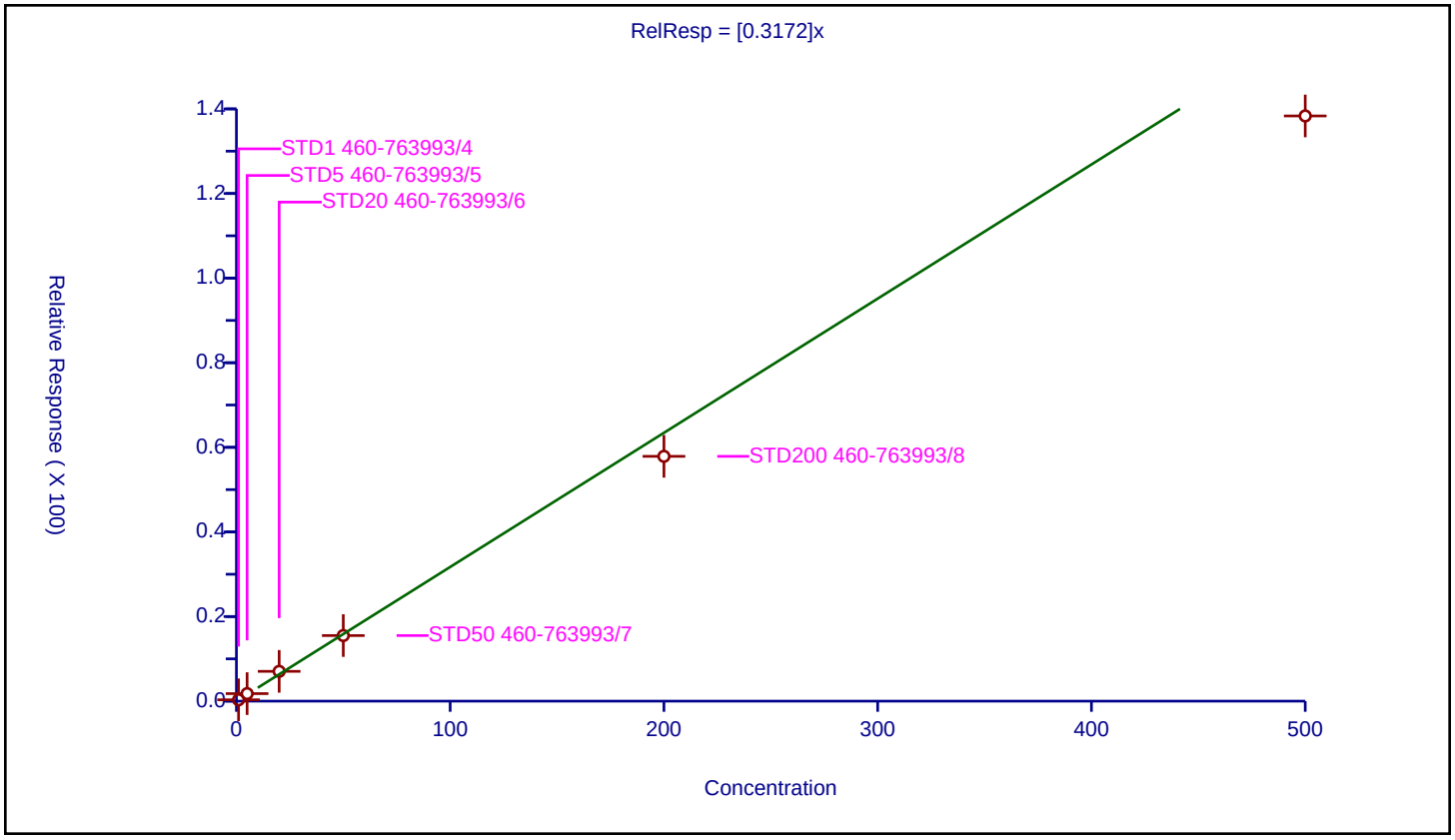
Curve Coefficients

Intercept:	0
Slope:	0.3172

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	10.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.318512	50.0	554611.0	0.318512	Y
2	STD5 460-763993/5	5.0	1.781334	50.0	607466.0	0.356267	Y
3	STD20 460-763993/6	20.0	7.041373	50.0	582145.0	0.352069	Y
4	STD50 460-763993/7	50.0	15.503317	50.0	642011.0	0.310066	Y
5	STD200 460-763993/8	200.0	57.867949	50.0	715377.0	0.28934	Y
6	STD500 460-763993/9	500.0	138.333614	50.0	795002.0	0.276667	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

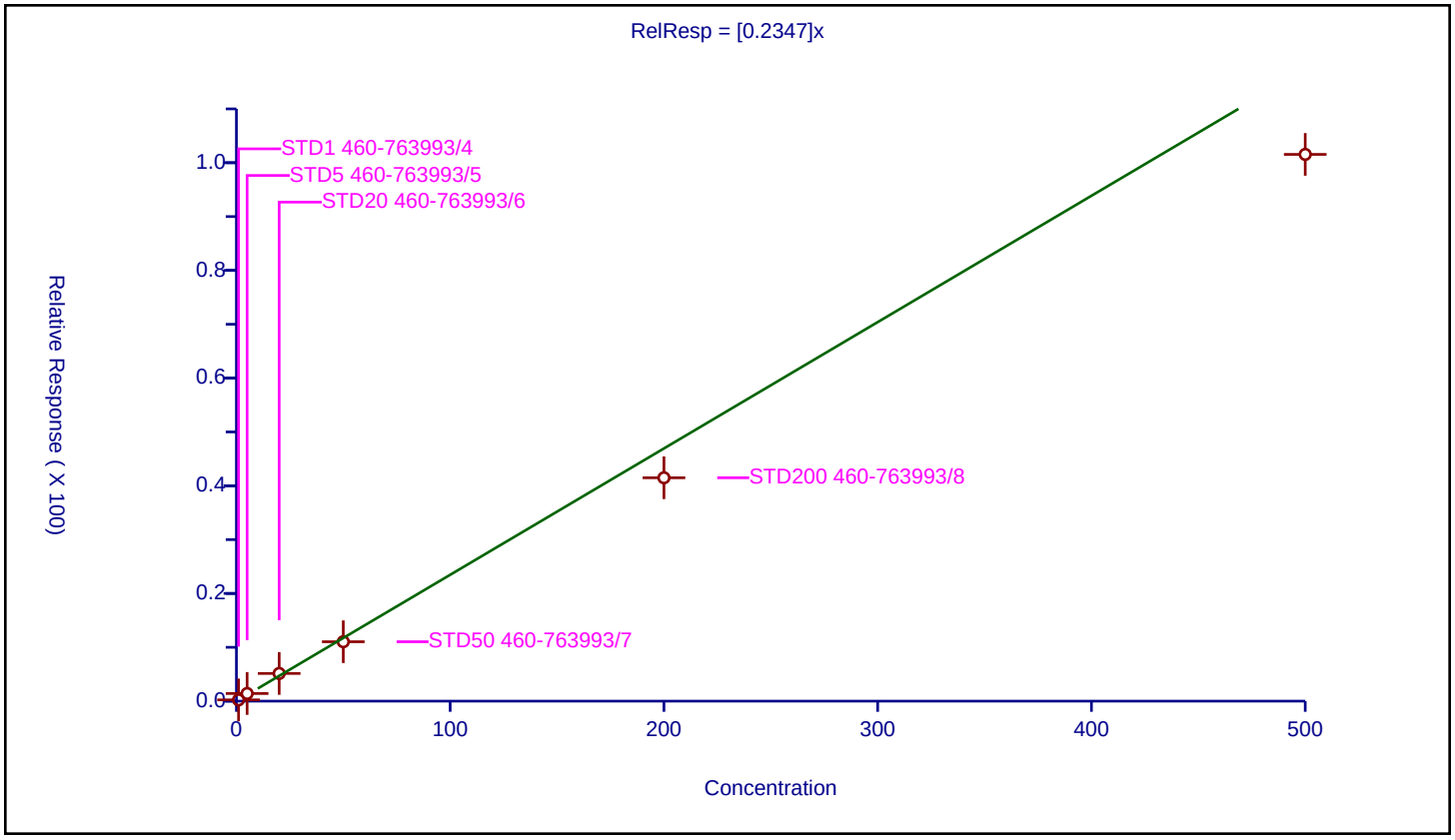
Curve Coefficients

Intercept:	0
Slope:	0.2347

Error Coefficients

Standard Error:	772000
Relative Standard Error:	13.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.236292	50.0	554611.0	0.236292	Y
2	STD5 460-763993/5	5.0	1.417034	50.0	607466.0	0.283407	Y
3	STD20 460-763993/6	20.0	5.140386	50.0	582145.0	0.257019	Y
4	STD50 460-763993/7	50.0	11.034157	50.0	642011.0	0.220683	Y
5	STD200 460-763993/8	200.0	41.484979	50.0	715377.0	0.207425	Y
6	STD500 460-763993/9	500.0	101.548046	50.0	795002.0	0.203096	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

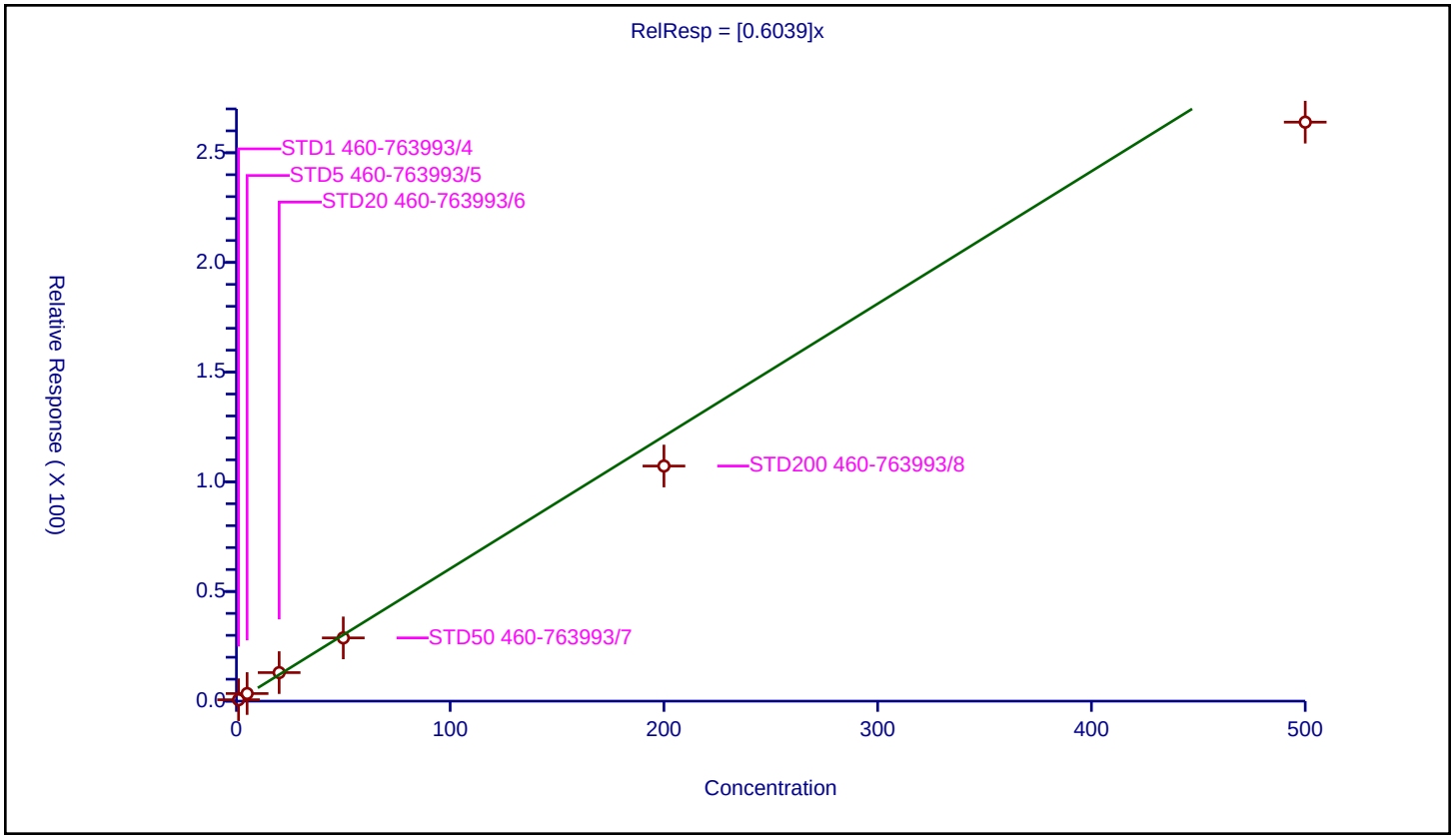
Curve Coefficients

Intercept:	0
Slope:	0.6039

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.638646	50.0	554611.0	0.638646	Y
2	STD5 460-763993/5	5.0	3.470153	50.0	607466.0	0.694031	Y
3	STD20 460-763993/6	20.0	13.005609	50.0	582145.0	0.65028	Y
4	STD50 460-763993/7	50.0	28.829023	50.0	642011.0	0.57658	Y
5	STD200 460-763993/8	200.0	107.1802	50.0	715377.0	0.535901	Y
6	STD500 460-763993/9	500.0	263.952103	50.0	795002.0	0.527904	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

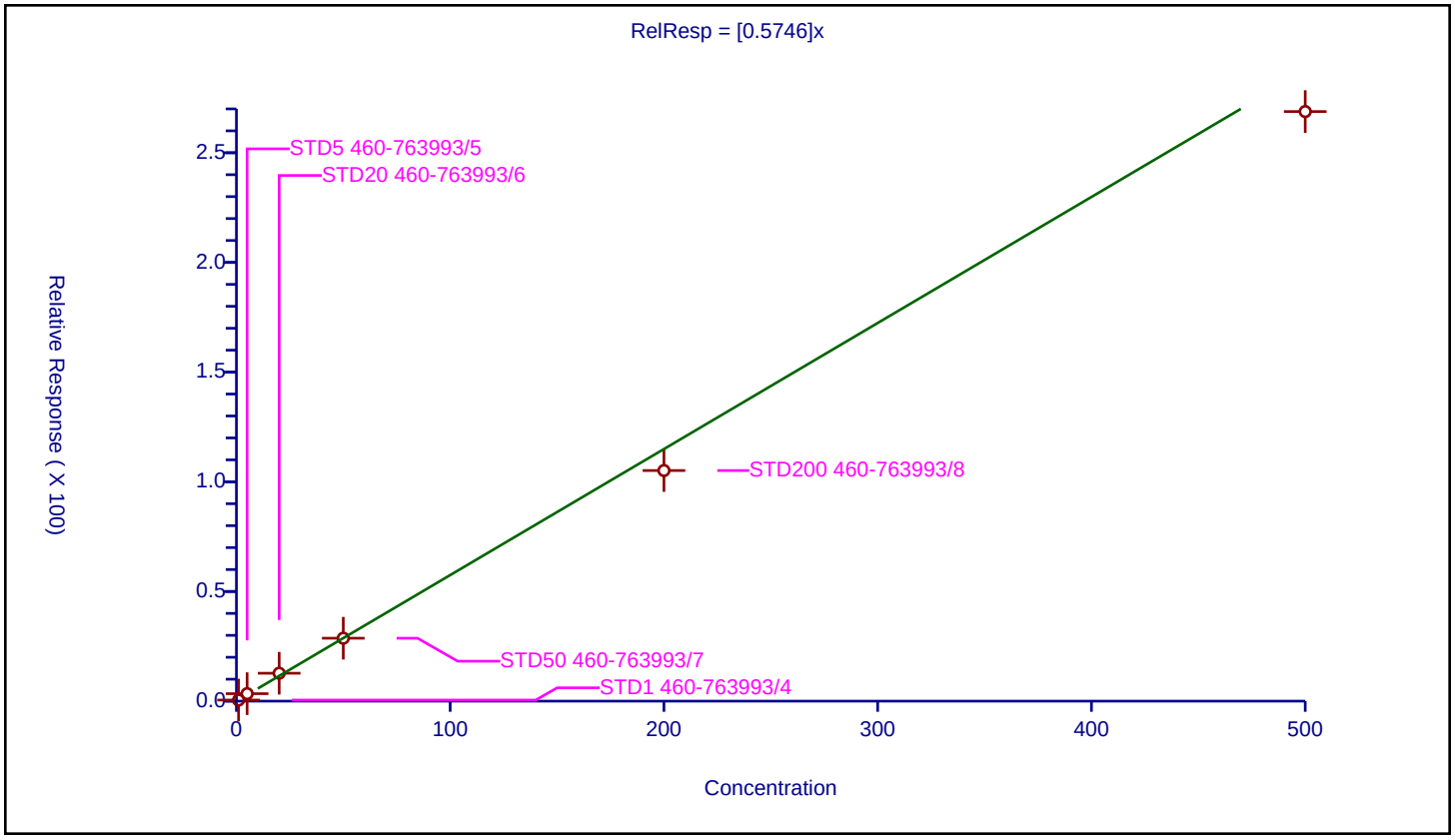
Curve Coefficients

Intercept:	0
Slope:	0.5746

Error Coefficients

Standard Error:	2030000
Relative Standard Error:	12.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.492688	50.0	554611.0	0.492688	Y
2	STD5 460-763993/5	5.0	3.41015	50.0	607466.0	0.68203	Y
3	STD20 460-763993/6	20.0	12.719168	50.0	582145.0	0.635958	Y
4	STD50 460-763993/7	50.0	28.690007	50.0	642011.0	0.5738	Y
5	STD200 460-763993/8	200.0	105.131001	50.0	715377.0	0.525655	Y
6	STD500 460-763993/9	500.0	268.787751	50.0	795002.0	0.537576	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

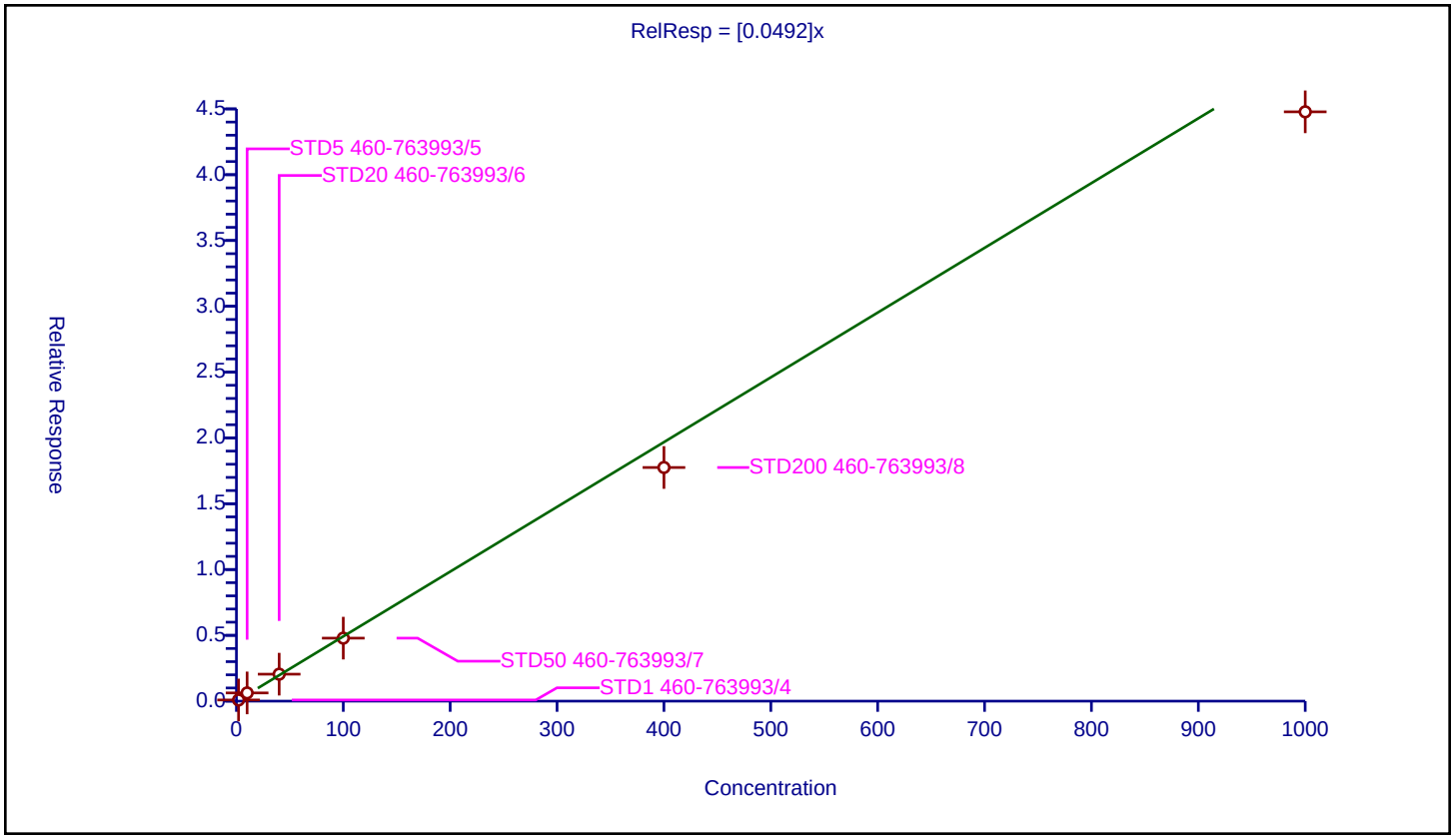
Curve Coefficients

Intercept:	0
Slope:	0.0492

Error Coefficients

Standard Error:	339000
Relative Standard Error:	14.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.088891	50.0	554611.0	0.044446	Y
2	STD5 460-763993/5	10.0	0.624809	50.0	607466.0	0.062481	Y
3	STD20 460-763993/6	40.0	2.049833	50.0	582145.0	0.051246	Y
4	STD50 460-763993/7	100.0	4.787301	50.0	642011.0	0.047873	Y
5	STD200 460-763993/8	400.0	17.752807	50.0	715377.0	0.044382	Y
6	STD500 460-763993/9	1000.0	44.778063	50.0	795002.0	0.044778	Y



Calibration / Ethanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

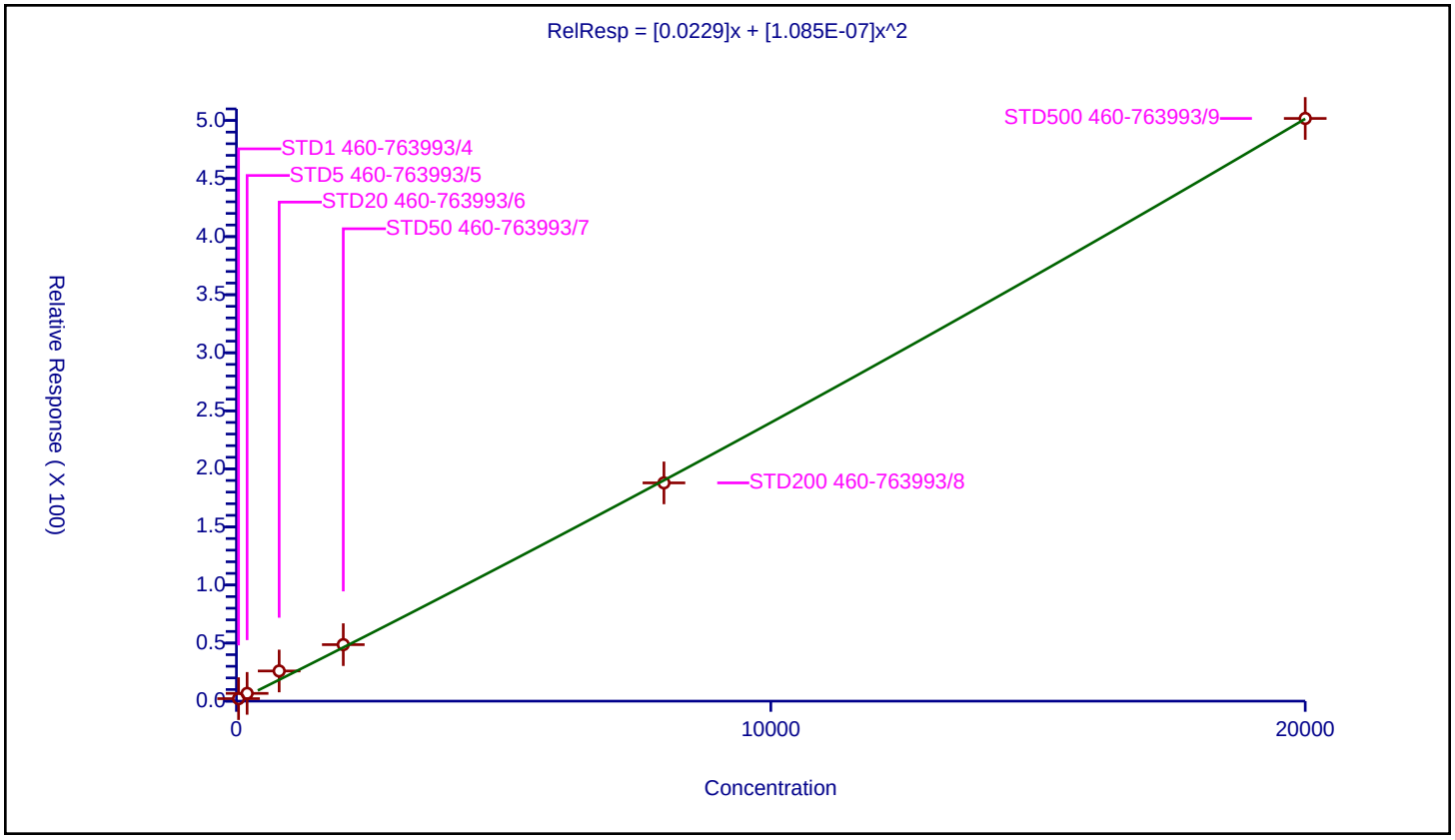
Curve Coefficients

Intercept:	0
Slope:	0.0229
Second Order:	1.085E-07

Error Coefficients

Standard Error:	74200
Relative Standard Error:	73.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	40.0	2.135087	1000.0	261816.0	0.053377	Y
2	STD5 460-763993/5	200.0	6.682107	1000.0	248275.0	0.033411	Y
3	STD20 460-763993/6	800.0	25.97397	1000.0	230269.0	0.032467	Y
4	STD50 460-763993/7	2000.0	48.658654	1000.0	292281.0	0.024329	Y
5	STD200 460-763993/8	8000.0	187.947147	1000.0	272002.0	0.023493	Y
6	STD500 460-763993/9	20000.0	501.762679	1000.0	277135.0	0.025088	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

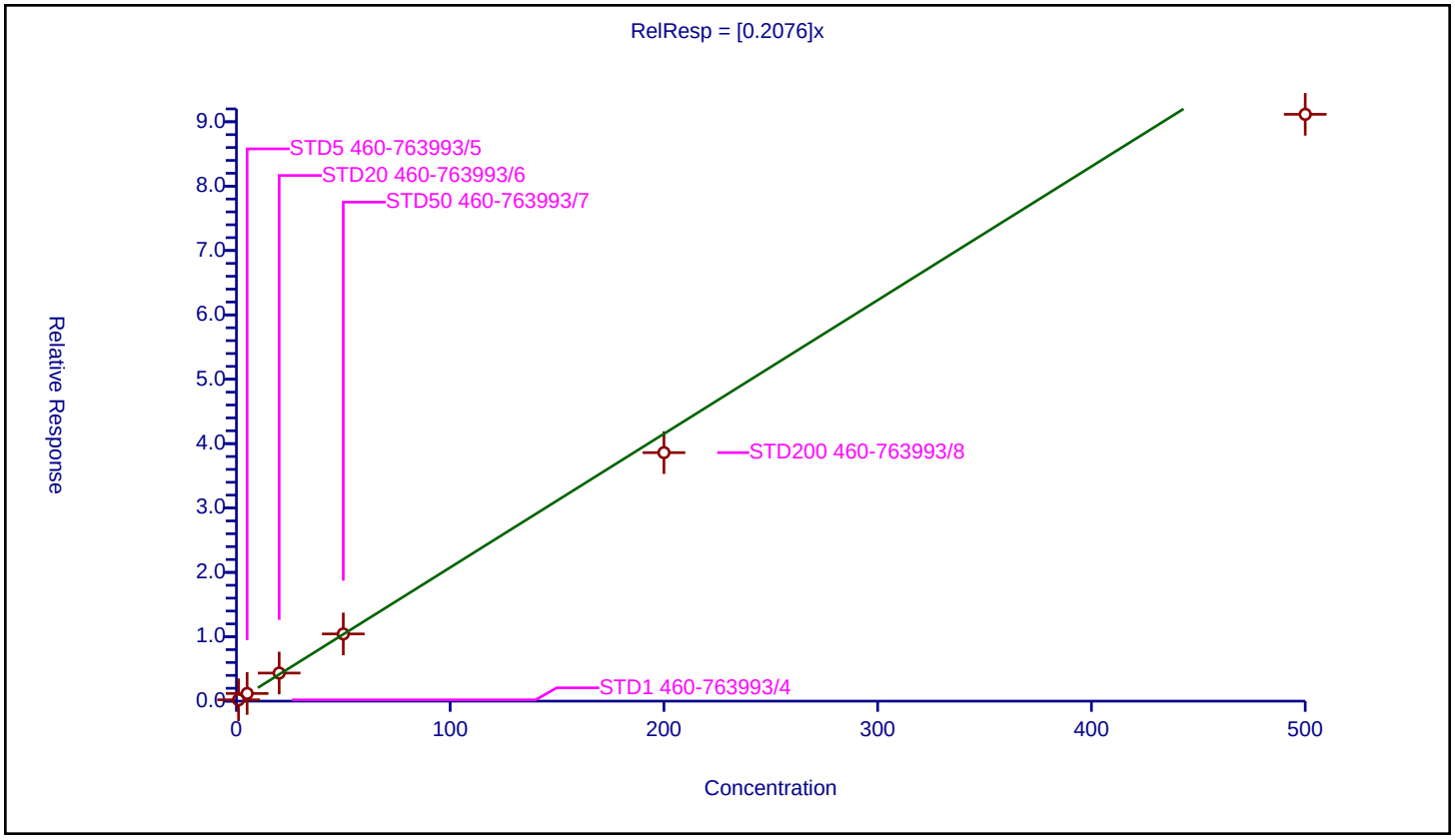
Curve Coefficients

Intercept:	0
Slope:	0.2076

Error Coefficients

Standard Error:	697000
Relative Standard Error:	9.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.20564	50.0	554611.0	0.20564	Y
2	STD5 460-763993/5	5.0	1.190025	50.0	607466.0	0.238005	Y
3	STD20 460-763993/6	20.0	4.360769	50.0	582145.0	0.218038	Y
4	STD50 460-763993/7	50.0	10.439463	50.0	642011.0	0.208789	Y
5	STD200 460-763993/8	200.0	38.603631	50.0	715377.0	0.193018	Y
6	STD500 460-763993/9	500.0	91.158261	50.0	795002.0	0.182317	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

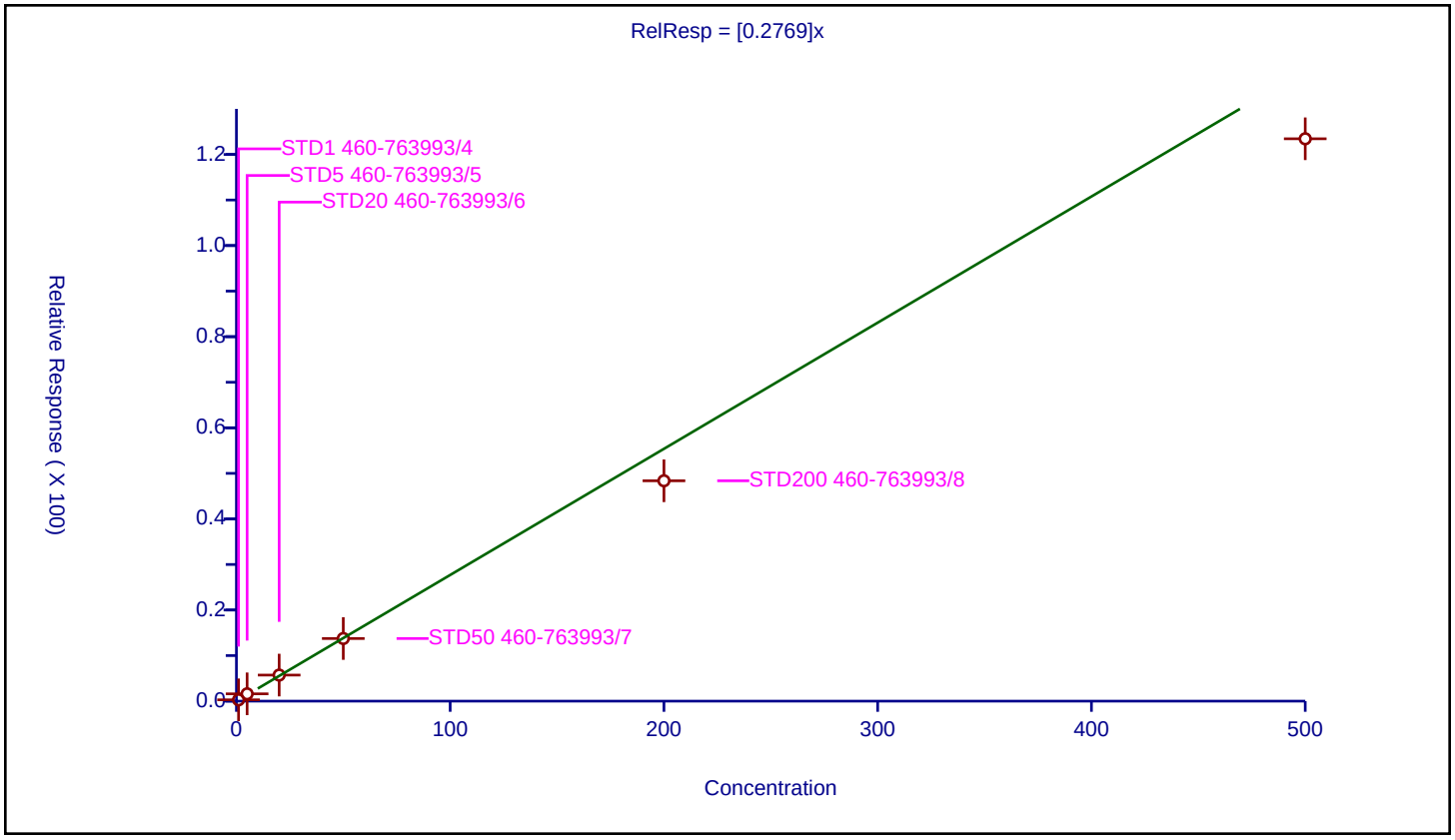
Curve Coefficients

Intercept:	0
Slope:	0.2769

Error Coefficients

Standard Error:	935000
Relative Standard Error:	10.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.290384	50.0	554611.0	0.290384	Y
2	STD5 460-763993/5	5.0	1.606674	50.0	607466.0	0.321335	Y
3	STD20 460-763993/6	20.0	5.722457	50.0	582145.0	0.286123	Y
4	STD50 460-763993/7	50.0	13.745715	50.0	642011.0	0.274914	Y
5	STD200 460-763993/8	200.0	48.371278	50.0	715377.0	0.241856	Y
6	STD500 460-763993/9	500.0	123.439627	50.0	795002.0	0.246879	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

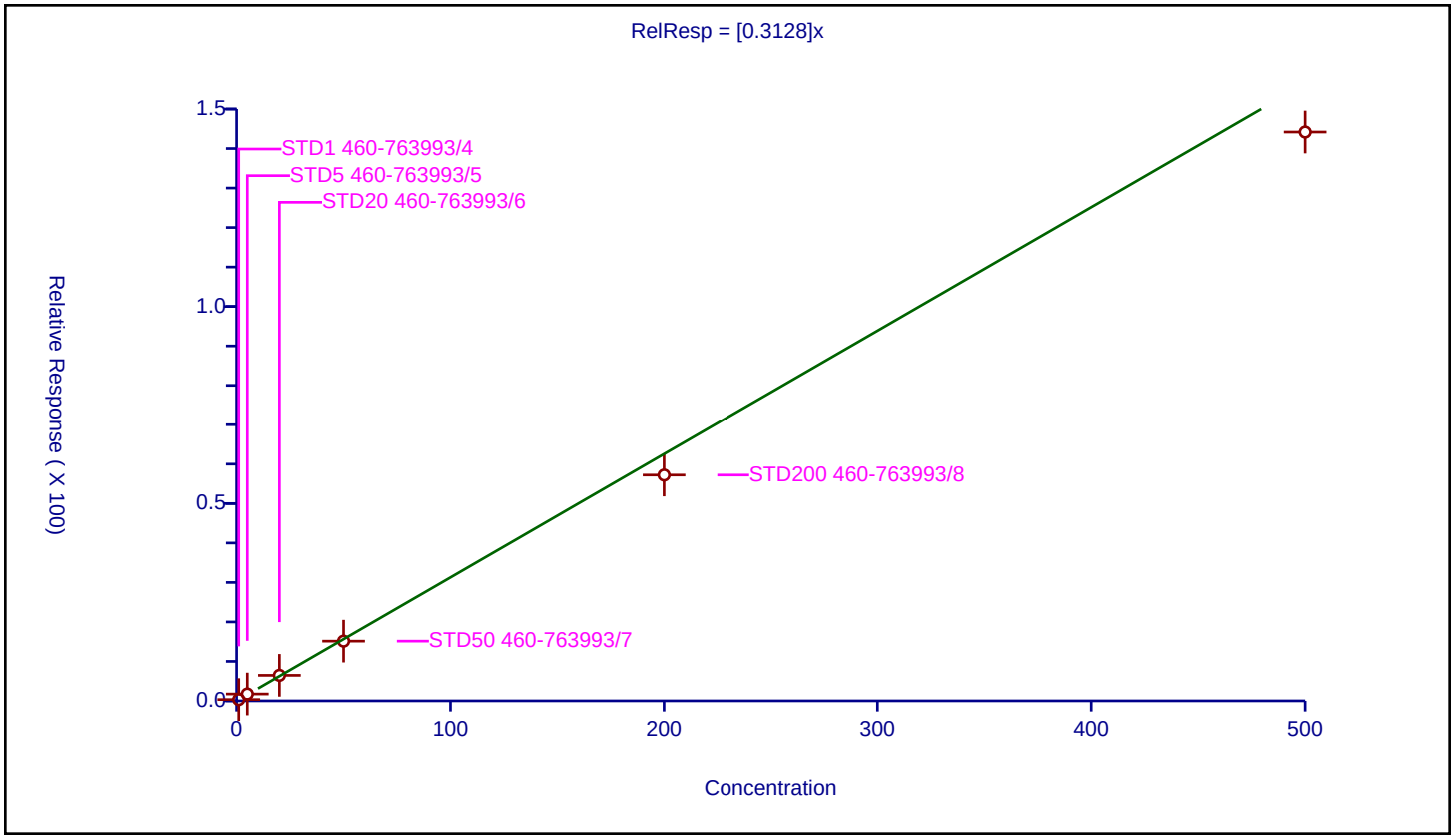
Curve Coefficients

Intercept:	0
Slope:	0.3128

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.328699	50.0	554611.0	0.328699	Y
2	STD5 460-763993/5	5.0	1.739604	50.0	607466.0	0.347921	Y
3	STD20 460-763993/6	20.0	6.462909	50.0	582145.0	0.323145	Y
4	STD50 460-763993/7	50.0	15.136968	50.0	642011.0	0.302739	Y
5	STD200 460-763993/8	200.0	57.224163	50.0	715377.0	0.286121	Y
6	STD500 460-763993/9	500.0	144.185549	50.0	795002.0	0.288371	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

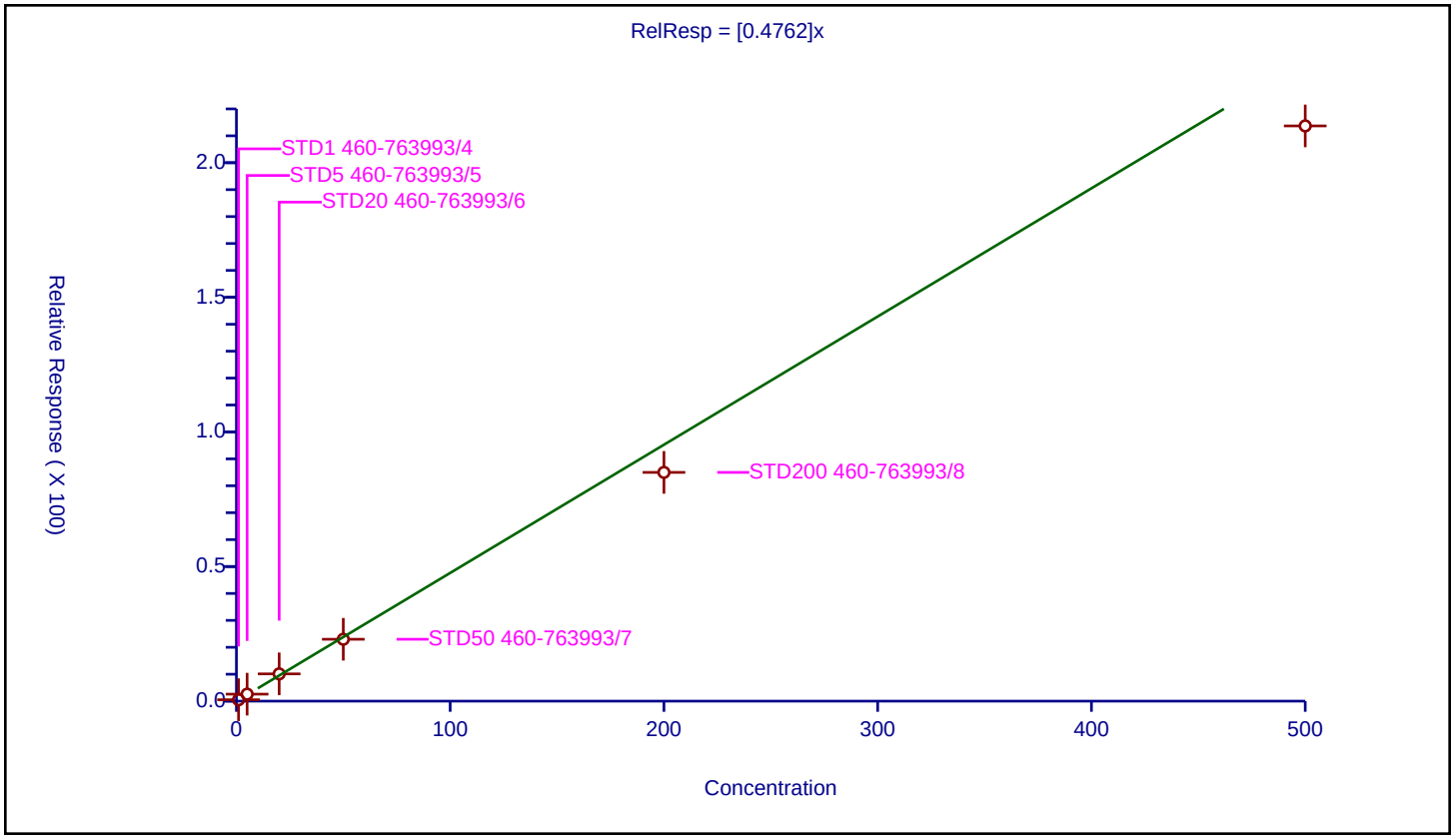
Curve Coefficients

Intercept:	0
Slope:	0.4762

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.519193	50.0	554611.0	0.519193	Y
2	STD5 460-763993/5	5.0	2.598499	50.0	607466.0	0.5197	Y
3	STD20 460-763993/6	20.0	10.130981	50.0	582145.0	0.506549	Y
4	STD50 460-763993/7	50.0	22.985432	50.0	642011.0	0.459709	Y
5	STD200 460-763993/8	200.0	84.975684	50.0	715377.0	0.424878	Y
6	STD500 460-763993/9	500.0	213.678016	50.0	795002.0	0.427356	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

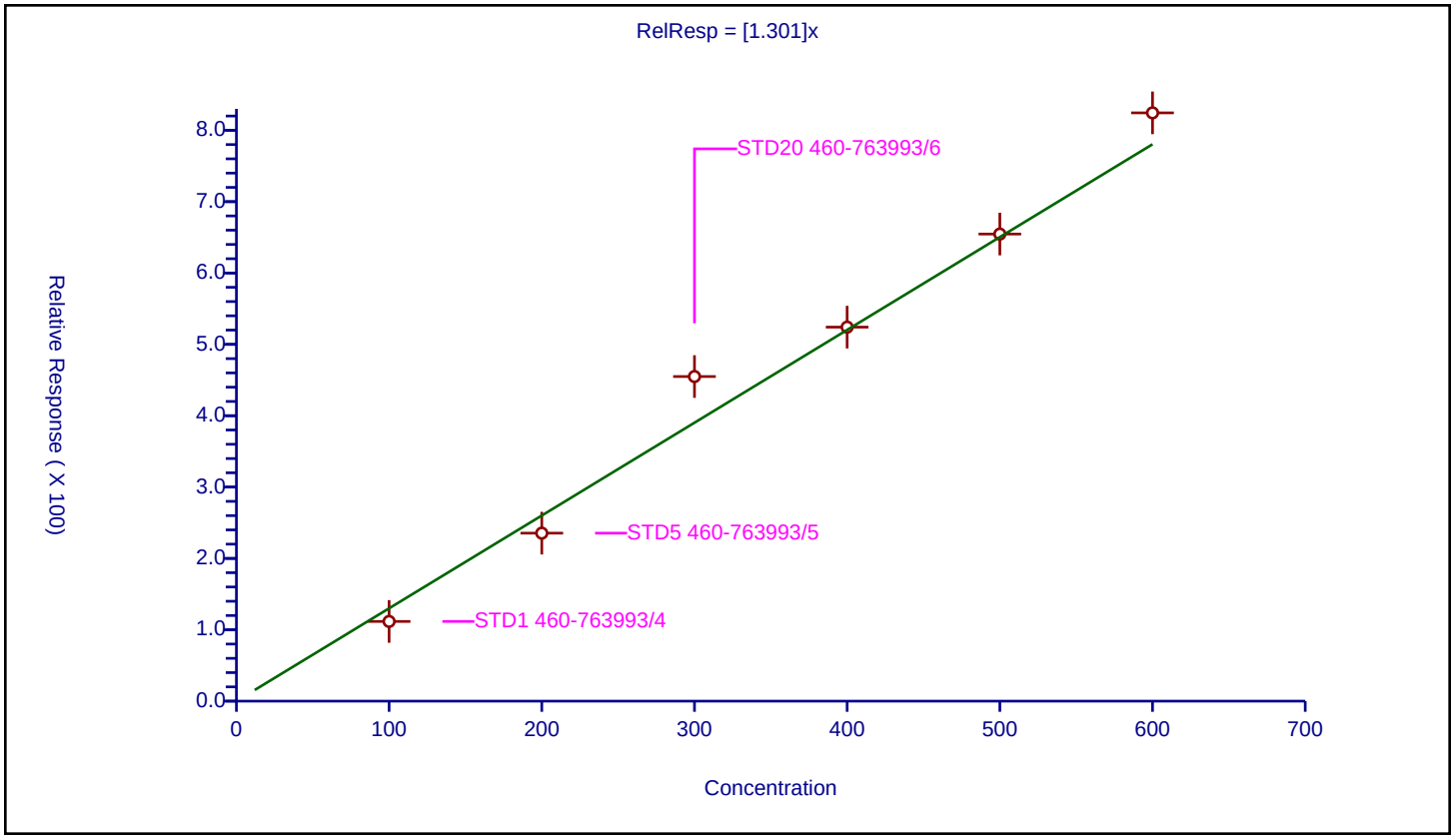
Curve Coefficients

Intercept:	0
Slope:	1.301

Error Coefficients

Standard Error:	156000
Relative Standard Error:	10.9
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	100.00041	111.689125	1000.0	261816.0	1.116887	Y
2	STD5 460-763993/5	200.00082	235.428456	1000.0	248275.0	1.177137	Y
3	STD20 460-763993/6	300.00123	454.898401	1000.0	230269.0	1.516322	Y
4	STD50 460-763993/7	400.00164	524.13602	1000.0	292281.0	1.310335	Y
5	STD200 460-763993/8	500.00205	654.594452	1000.0	272002.0	1.309184	Y
6	STD500 460-763993/9	600.00246	824.428528	1000.0	277135.0	1.374042	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

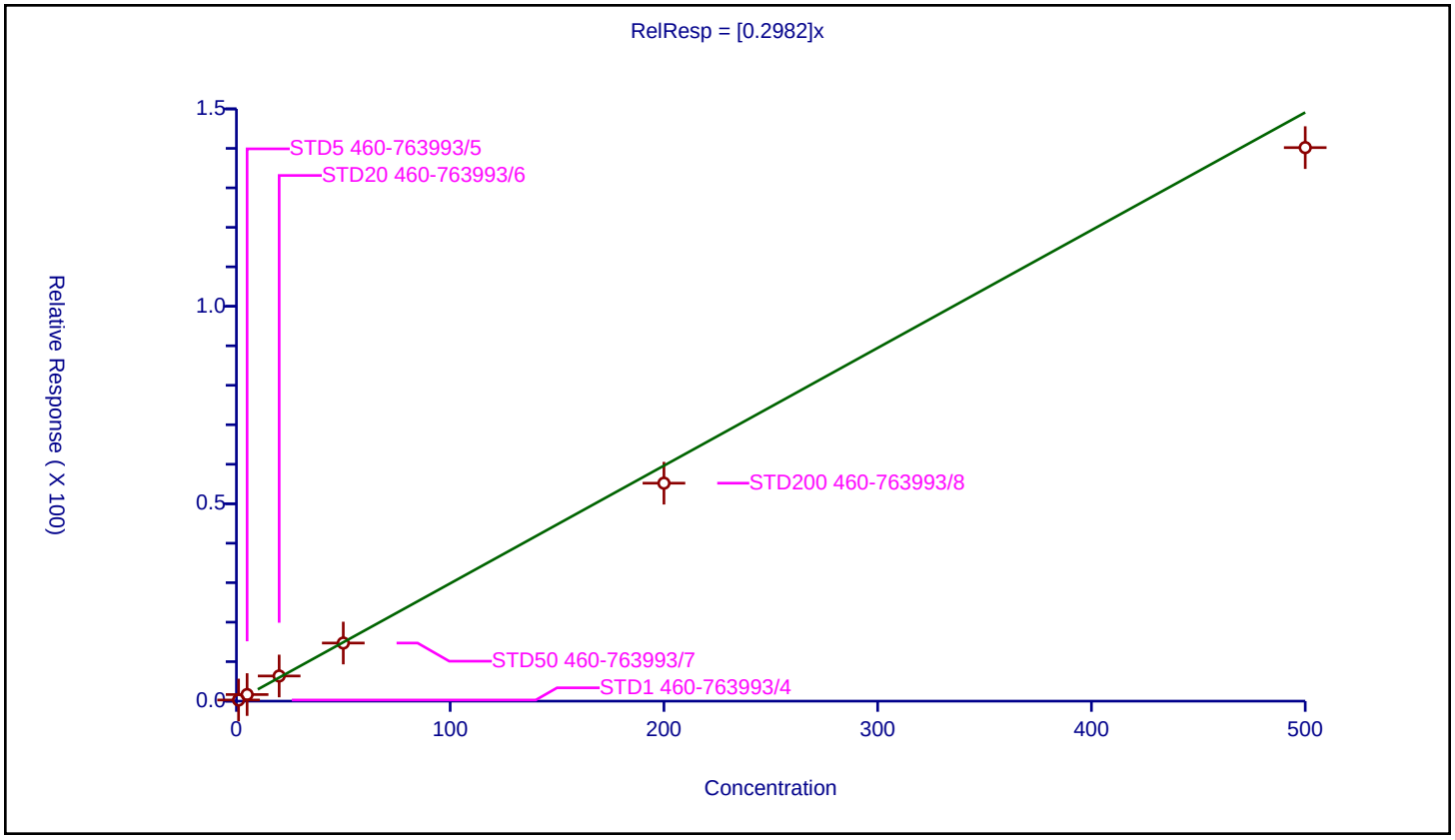
Curve Coefficients

Intercept:	0
Slope:	0.2982

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	7.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.286327	50.0	554611.0	0.286327	Y
2	STD5 460-763993/5	5.0	1.667912	50.0	607466.0	0.333582	Y
3	STD20 460-763993/6	20.0	6.373756	50.0	582145.0	0.318688	Y
4	STD50 460-763993/7	50.0	14.713377	50.0	642011.0	0.294268	Y
5	STD200 460-763993/8	200.0	55.200964	50.0	715377.0	0.276005	Y
6	STD500 460-763993/9	500.0	140.191849	50.0	795002.0	0.280384	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

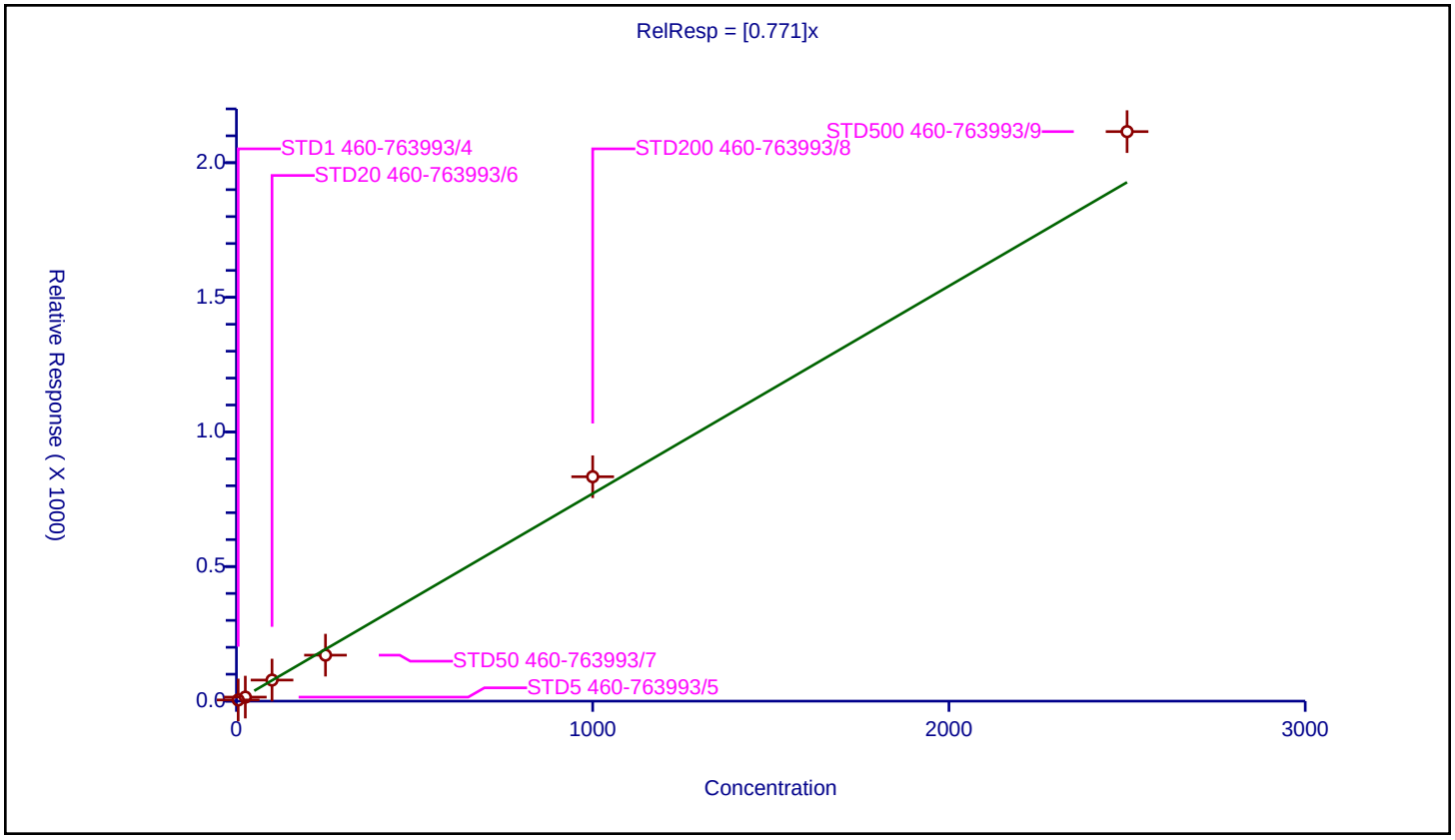
Curve Coefficients

Intercept:	0
Slope:	0.771

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	14.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	5.0	4.396086	250.0	261312.0	0.879217	Y
2	STD5 460-763993/5	25.0	15.012985	250.0	290332.0	0.600519	Y
3	STD20 460-763993/6	100.0	78.30782	250.0	255032.0	0.783078	Y
4	STD50 460-763993/7	250.0	170.821977	250.0	324705.0	0.683288	Y
5	STD200 460-763993/8	1000.0	833.632619	250.0	333850.0	0.833633	Y
6	STD500 460-763993/9	2500.0	2115.622644	250.0	343607.0	0.846249	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

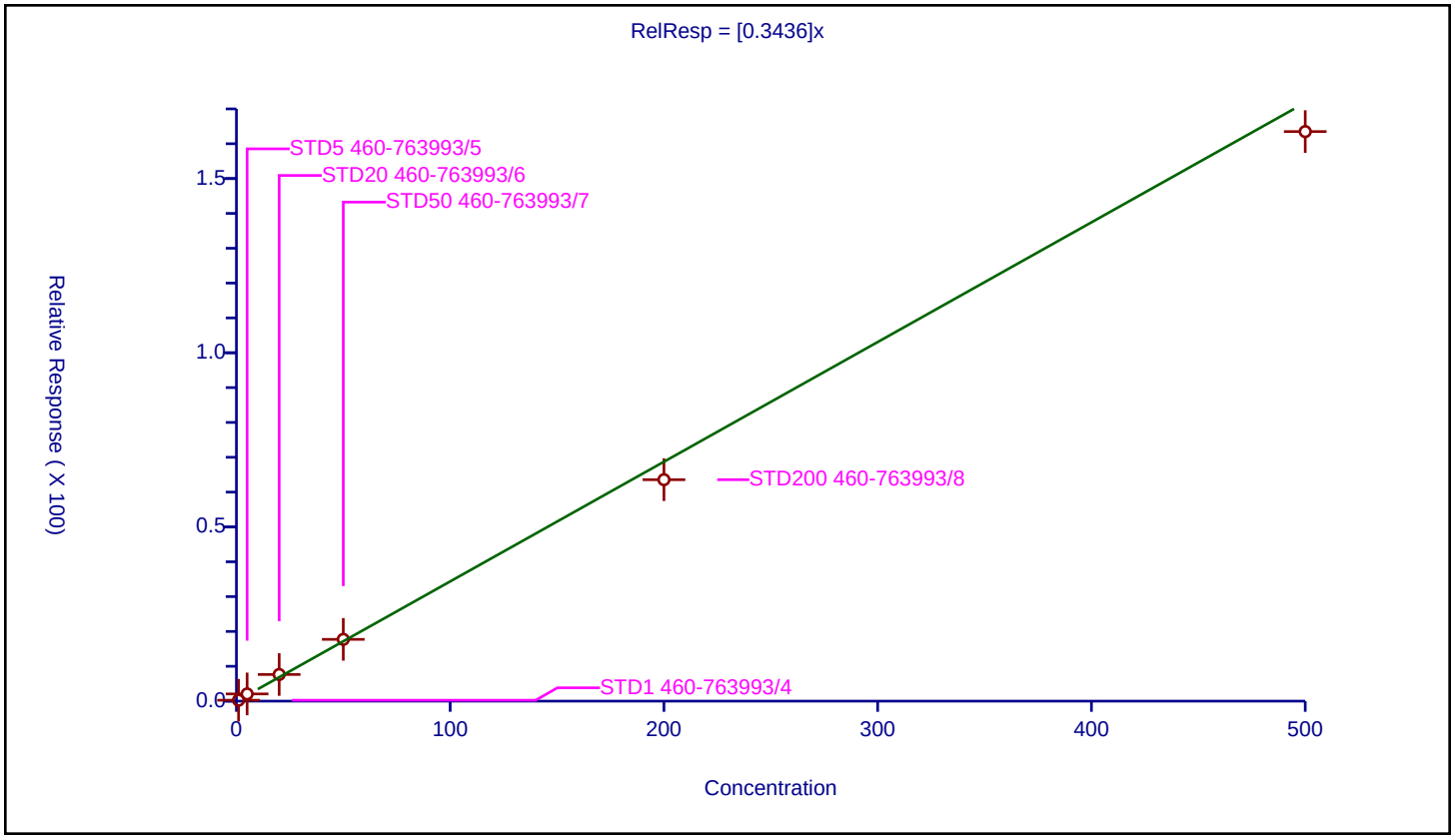
Curve Coefficients

Intercept:	0
Slope:	0.3436

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	15.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.266583	50.0	554611.0	0.266583	Y
2	STD5 460-763993/5	5.0	2.065301	50.0	607466.0	0.41306	Y
3	STD20 460-763993/6	20.0	7.650499	50.0	582145.0	0.382525	Y
4	STD50 460-763993/7	50.0	17.72898	50.0	642011.0	0.35458	Y
5	STD200 460-763993/8	200.0	63.562499	50.0	715377.0	0.317812	Y
6	STD500 460-763993/9	500.0	163.485815	50.0	795002.0	0.326972	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

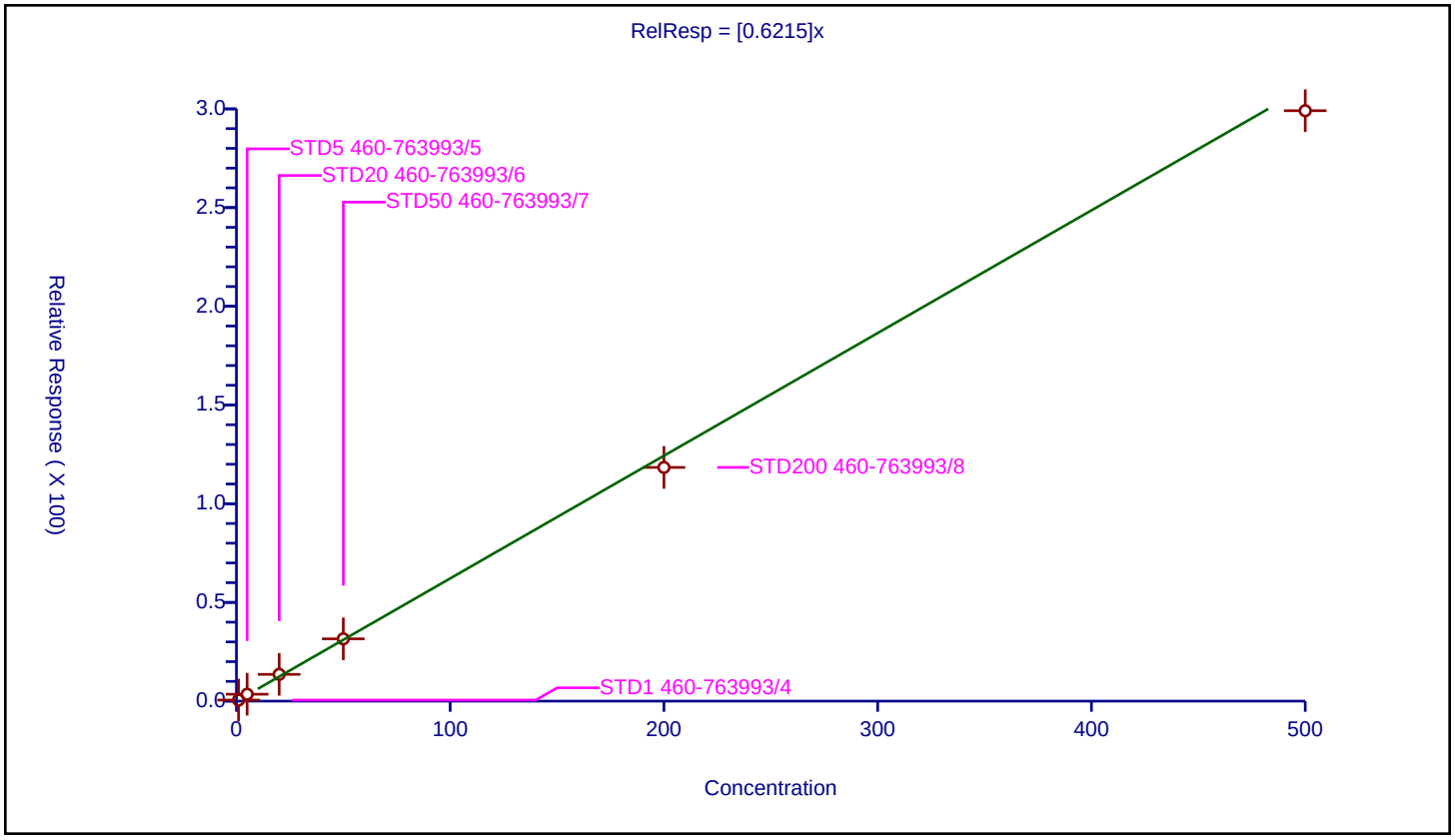
Curve Coefficients

Intercept:	0
Slope:	0.6215

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	10.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.528208	50.0	554611.0	0.528208	Y
2	STD5 460-763993/5	5.0	3.506451	50.0	607466.0	0.70129	Y
3	STD20 460-763993/6	20.0	13.567067	50.0	582145.0	0.678353	Y
4	STD50 460-763993/7	50.0	31.553821	50.0	642011.0	0.631076	Y
5	STD200 460-763993/8	200.0	118.386319	50.0	715377.0	0.591932	Y
6	STD500 460-763993/9	500.0	299.075726	50.0	795002.0	0.598151	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

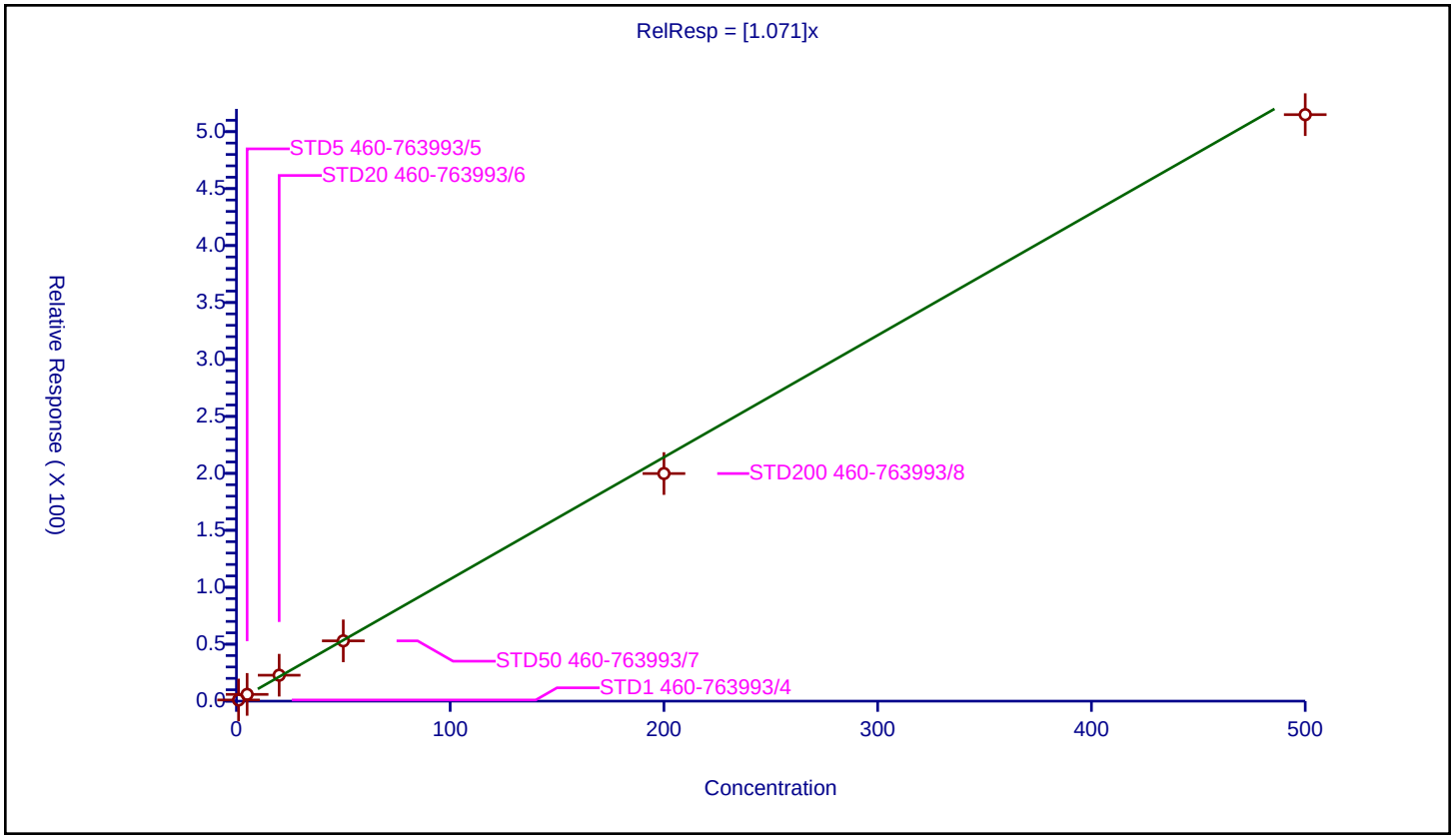
Curve Coefficients

Intercept:	0
Slope:	1.071

Error Coefficients

Standard Error:	3890000
Relative Standard Error:	7.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.012151	50.0	554611.0	1.012151	Y
2	STD5 460-763993/5	5.0	5.932102	50.0	607466.0	1.18642	Y
3	STD20 460-763993/6	20.0	22.76529	50.0	582145.0	1.138265	Y
4	STD50 460-763993/7	50.0	52.935775	50.0	642011.0	1.058716	Y
5	STD200 460-763993/8	200.0	199.828063	50.0	715377.0	0.99914	Y
6	STD500 460-763993/9	500.0	514.94883	50.0	795002.0	1.029898	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

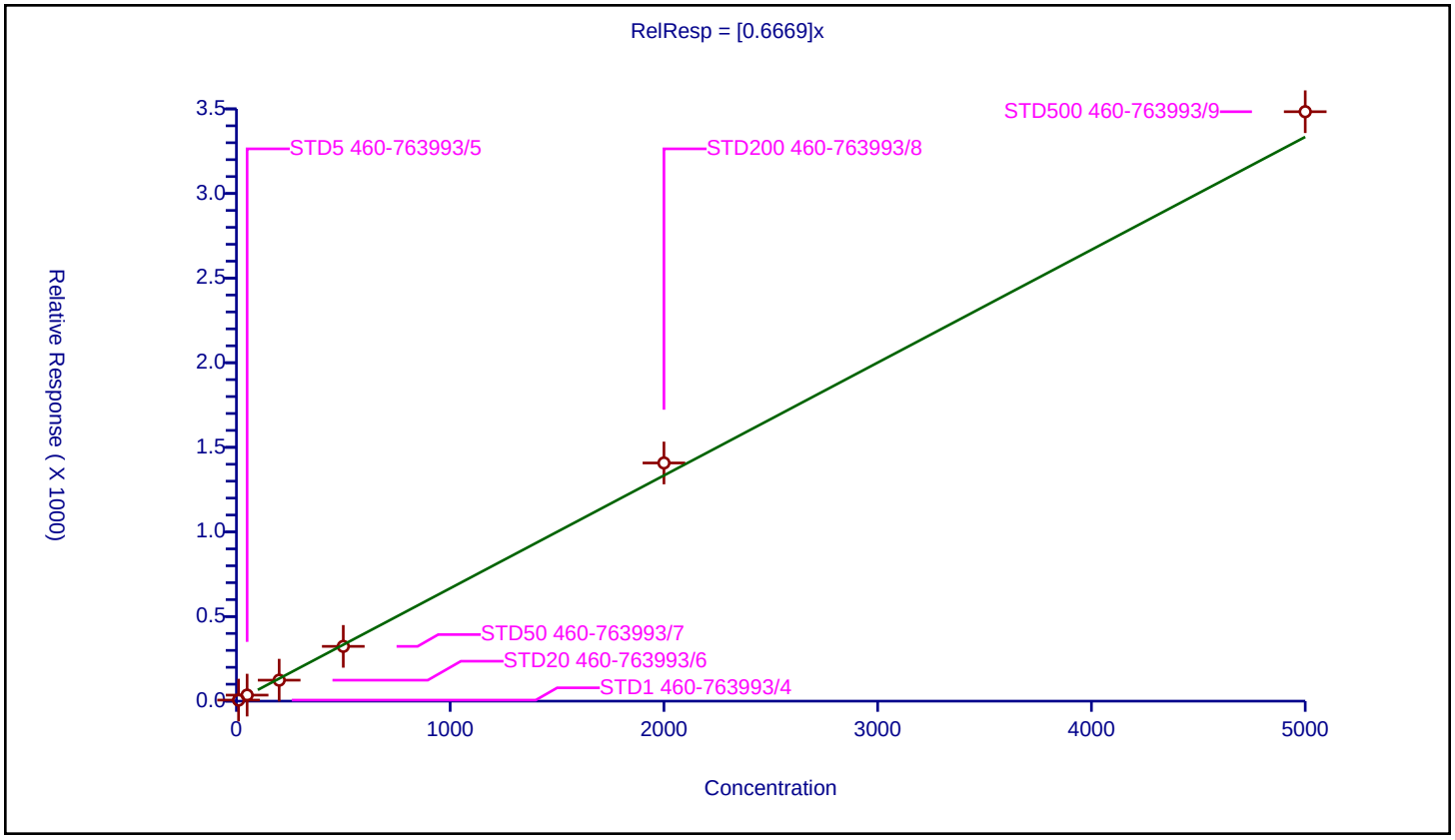
Curve Coefficients

Intercept:	0
Slope:	0.6669

Error Coefficients

Standard Error:	465000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	10.0	6.19901	1000.0	261816.0	0.619901	Y
2	STD5 460-763993/5	50.0	35.666096	1000.0	248275.0	0.713322	Y
3	STD20 460-763993/6	200.0	123.998454	1000.0	230269.0	0.619992	Y
4	STD50 460-763993/7	500.0	323.739826	1000.0	292281.0	0.64748	Y
5	STD200 460-763993/8	2000.0	1407.548474	1000.0	272002.0	0.703774	Y
6	STD500 460-763993/9	5000.0	3483.374529	1000.0	277135.0	0.696675	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

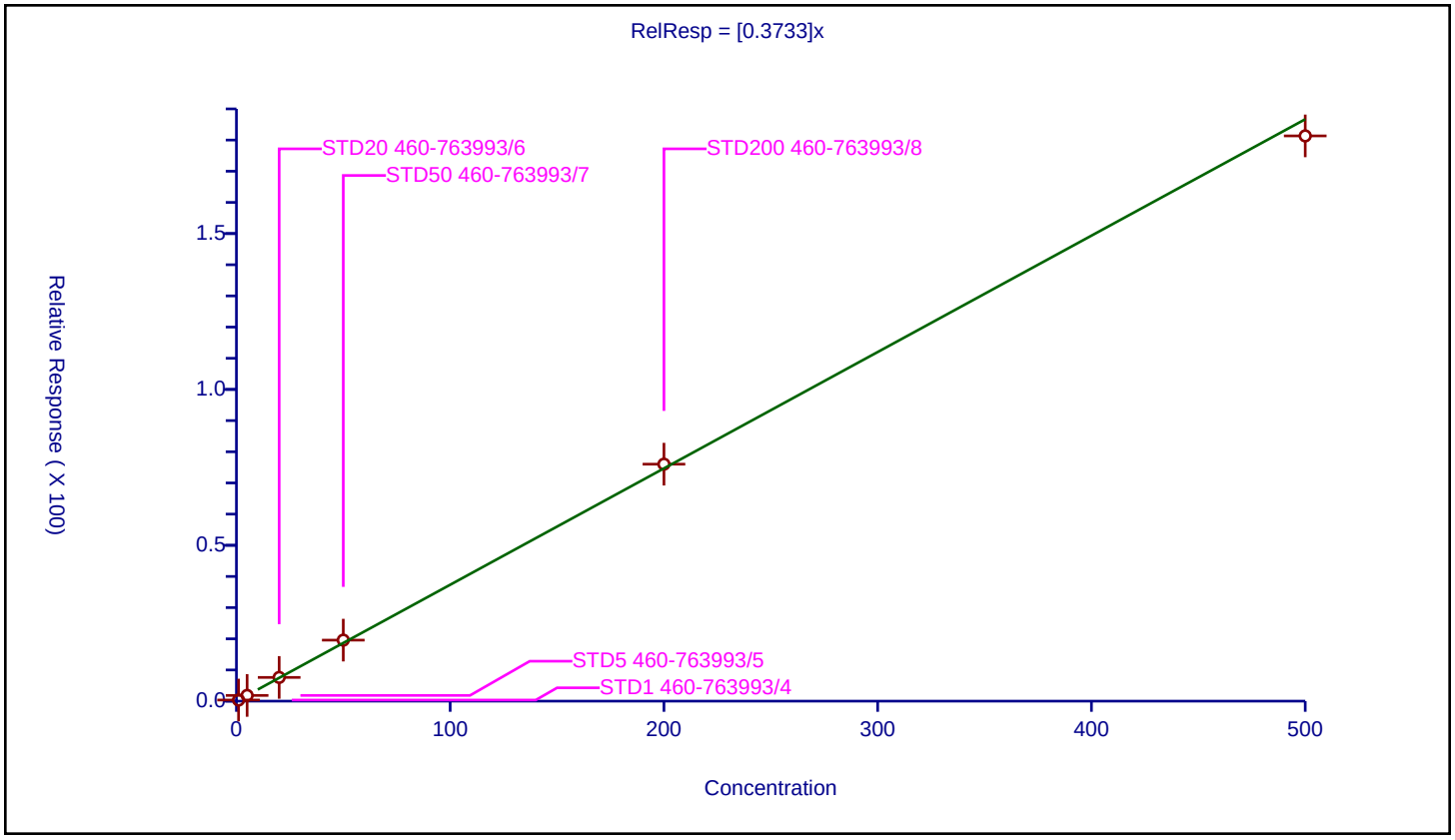
Curve Coefficients

Intercept:	0
Slope:	0.3733

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.358269	50.0	554611.0	0.358269	Y
2	STD5 460-763993/5	5.0	1.835411	50.0	607466.0	0.367082	Y
3	STD20 460-763993/6	20.0	7.607812	50.0	582145.0	0.380391	Y
4	STD50 460-763993/7	50.0	19.57482	50.0	642011.0	0.391496	Y
5	STD200 460-763993/8	200.0	76.02418	50.0	715377.0	0.380121	Y
6	STD500 460-763993/9	500.0	181.332563	50.0	795002.0	0.362665	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

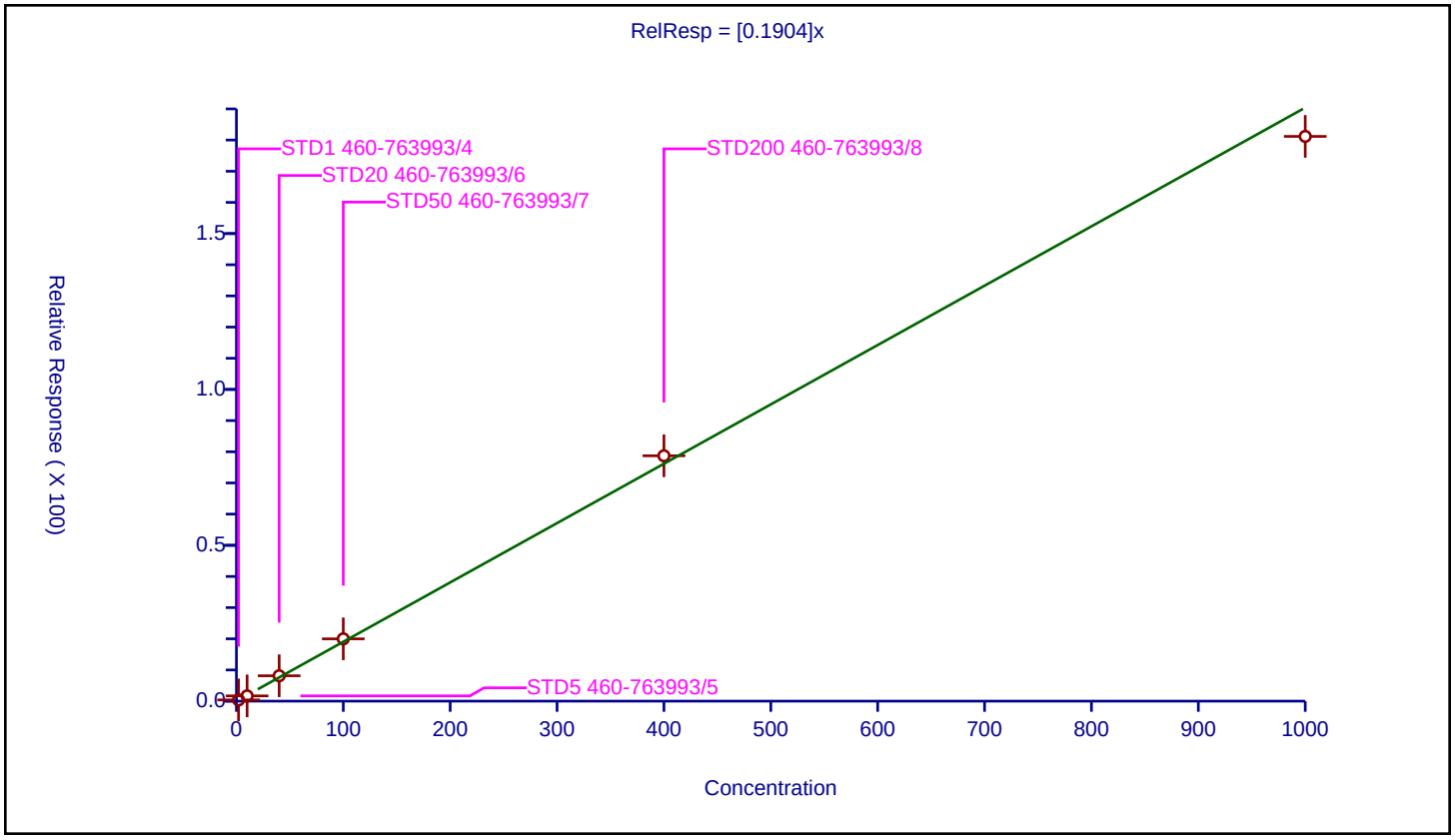
Curve Coefficients

Intercept:	0
Slope:	0.1904

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.385315	50.0	554611.0	0.192658	Y
2	STD5 460-763993/5	10.0	1.685444	50.0	607466.0	0.168544	Y
3	STD20 460-763993/6	40.0	8.134829	50.0	582145.0	0.203371	Y
4	STD50 460-763993/7	100.0	19.985483	50.0	642011.0	0.199855	Y
5	STD200 460-763993/8	400.0	78.718564	50.0	715377.0	0.196796	Y
6	STD500 460-763993/9	1000.0	181.171557	50.0	795002.0	0.181172	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

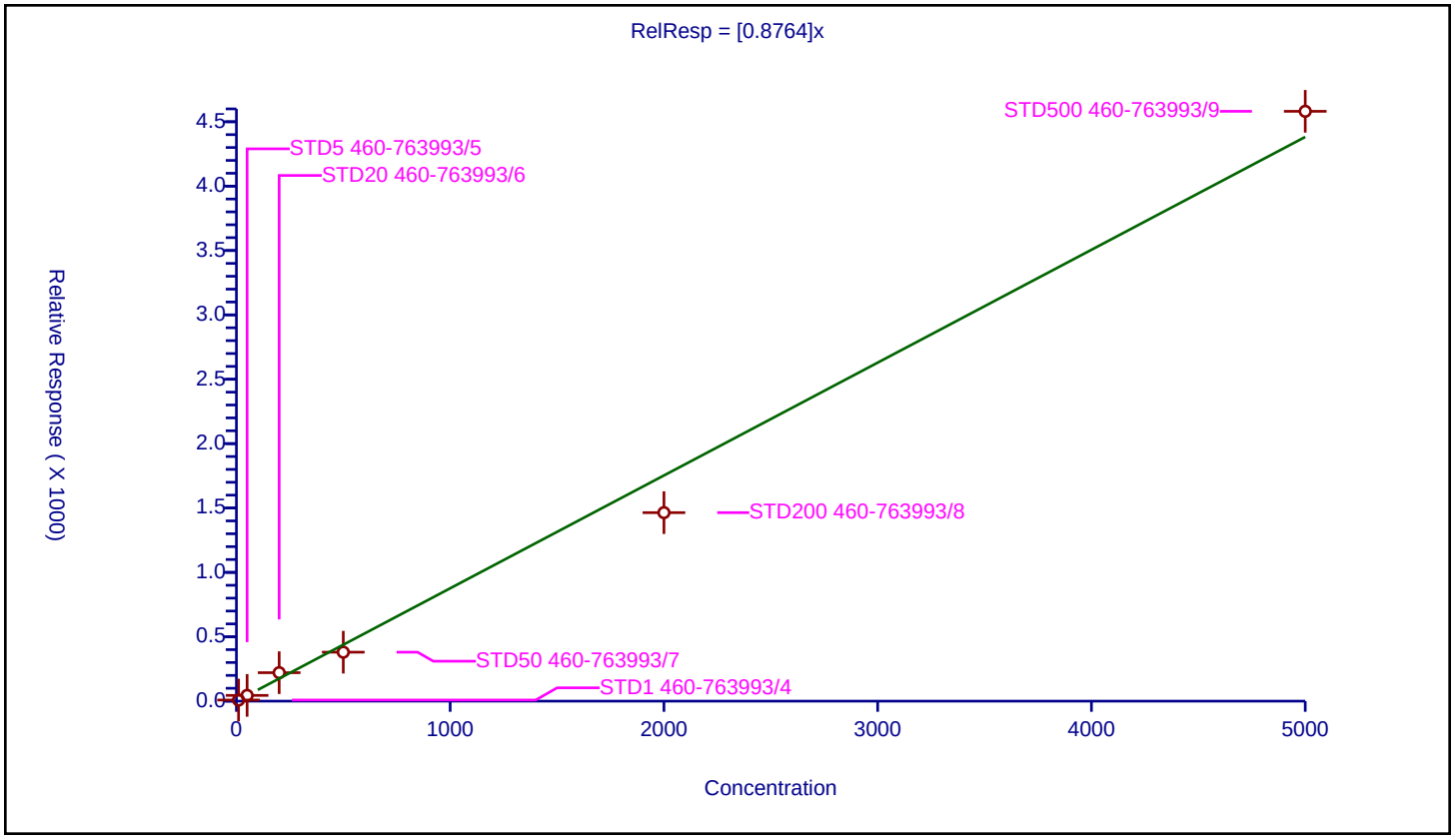
Curve Coefficients

Intercept:	0
Slope:	0.8764

Error Coefficients

Standard Error:	595000
Relative Standard Error:	15.2
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	10.0	8.513613	1000.0	261816.0	0.851361	Y
2	STD5 460-763993/5	50.0	44.623905	1000.0	248275.0	0.892478	Y
3	STD20 460-763993/6	200.0	221.106619	1000.0	230269.0	1.105533	Y
4	STD50 460-763993/7	500.0	380.390788	1000.0	292281.0	0.760782	Y
5	STD200 460-763993/8	2000.0	1464.000265	1000.0	272002.0	0.732	Y
6	STD500 460-763993/9	5000.0	4581.110289	1000.0	277135.0	0.916222	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

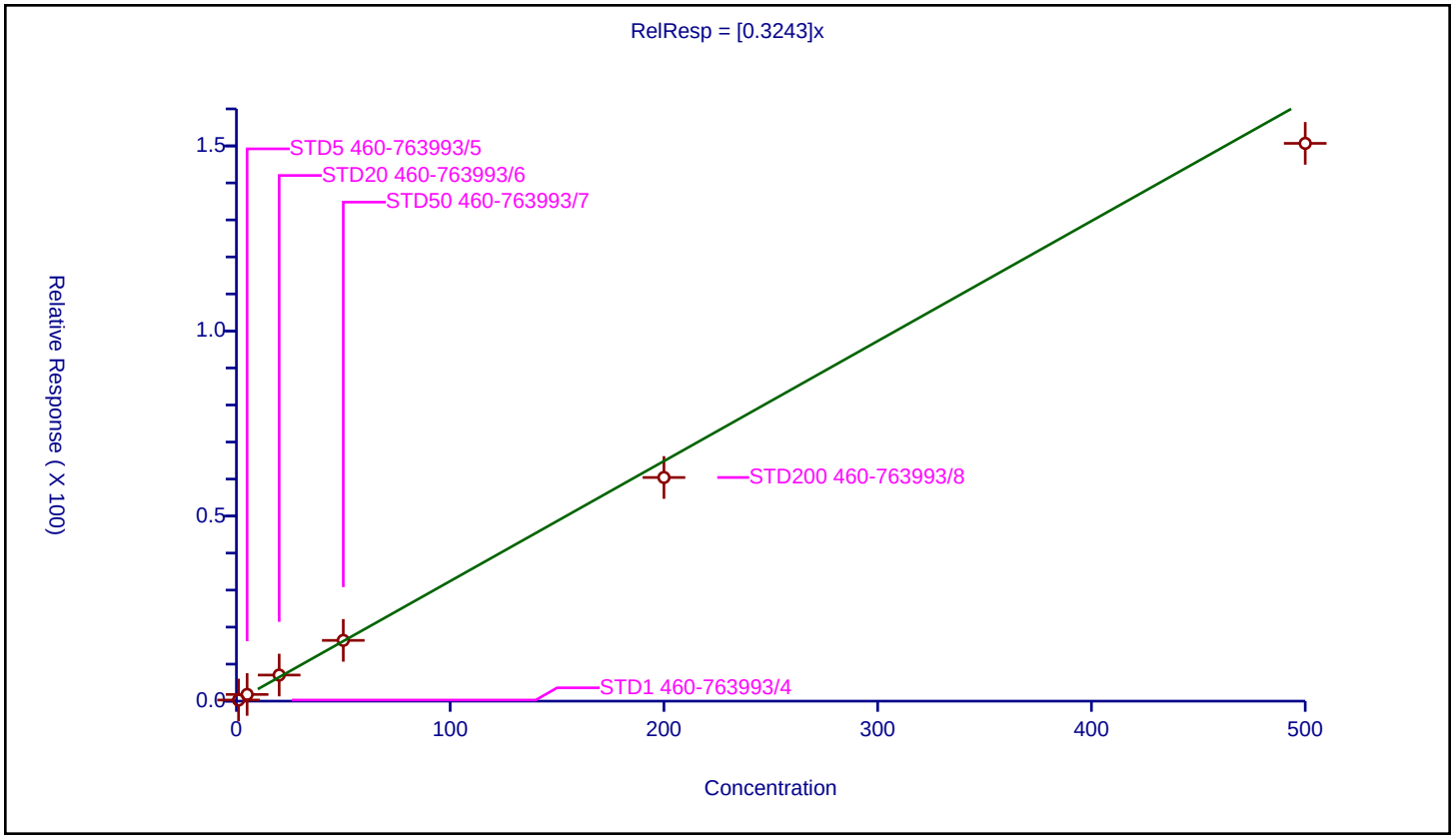
Curve Coefficients

Intercept:	0
Slope:	0.3243

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.299399	50.0	554611.0	0.299399	Y
2	STD5 460-763993/5	5.0	1.809566	50.0	607466.0	0.361913	Y
3	STD20 460-763993/6	20.0	7.047729	50.0	582145.0	0.352386	Y
4	STD50 460-763993/7	50.0	16.416775	50.0	642011.0	0.328335	Y
5	STD200 460-763993/8	200.0	60.422197	50.0	715377.0	0.302111	Y
6	STD500 460-763993/9	500.0	150.687671	50.0	795002.0	0.301375	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

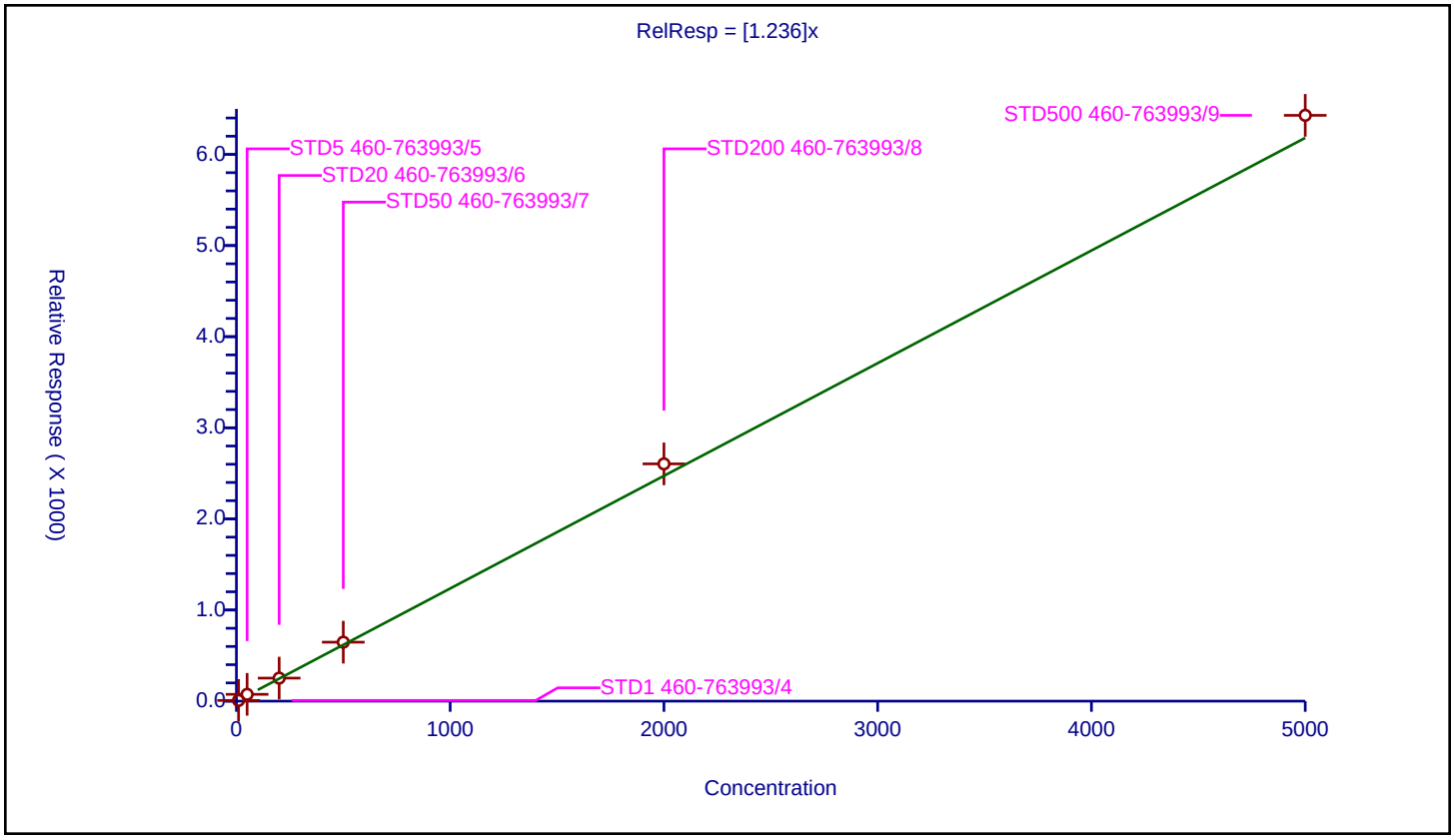
Curve Coefficients

Intercept:	0
Slope:	1.236

Error Coefficients

Standard Error:	859000
Relative Standard Error:	19.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	10.0	7.791732	1000.0	261816.0	0.779173	Y
2	STD5 460-763993/5	50.0	74.675259	1000.0	248275.0	1.493505	Y
3	STD20 460-763993/6	200.0	252.665361	1000.0	230269.0	1.263327	Y
4	STD50 460-763993/7	500.0	647.082773	1000.0	292281.0	1.294166	Y
5	STD200 460-763993/8	2000.0	2604.061735	1000.0	272002.0	1.302031	Y
6	STD500 460-763993/9	5000.0	6429.371967	1000.0	277135.0	1.285874	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

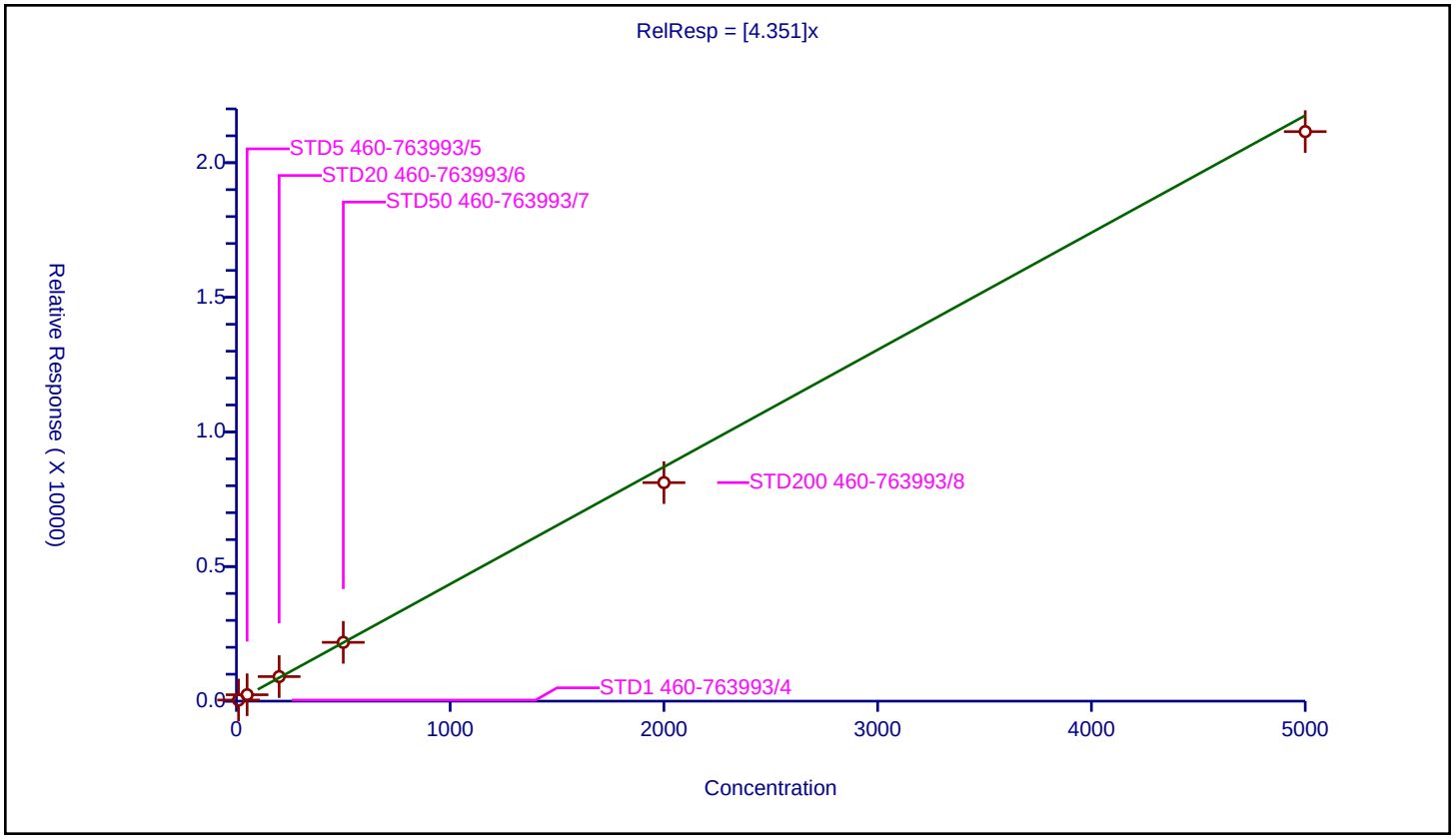
Curve Coefficients

Intercept:	0
Slope:	4.351

Error Coefficients

Standard Error:	2810000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	10.0	41.299997	1000.0	261816.0	4.13	Y
2	STD5 460-763993/5	50.0	237.768603	1000.0	248275.0	4.755372	Y
3	STD20 460-763993/6	200.0	911.959491	1000.0	230269.0	4.559797	Y
4	STD50 460-763993/7	500.0	2184.411577	1000.0	292281.0	4.368823	Y
5	STD200 460-763993/8	2000.0	8117.458695	1000.0	272002.0	4.058729	Y
6	STD500 460-763993/9	5000.0	21156.349793	1000.0	277135.0	4.23127	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

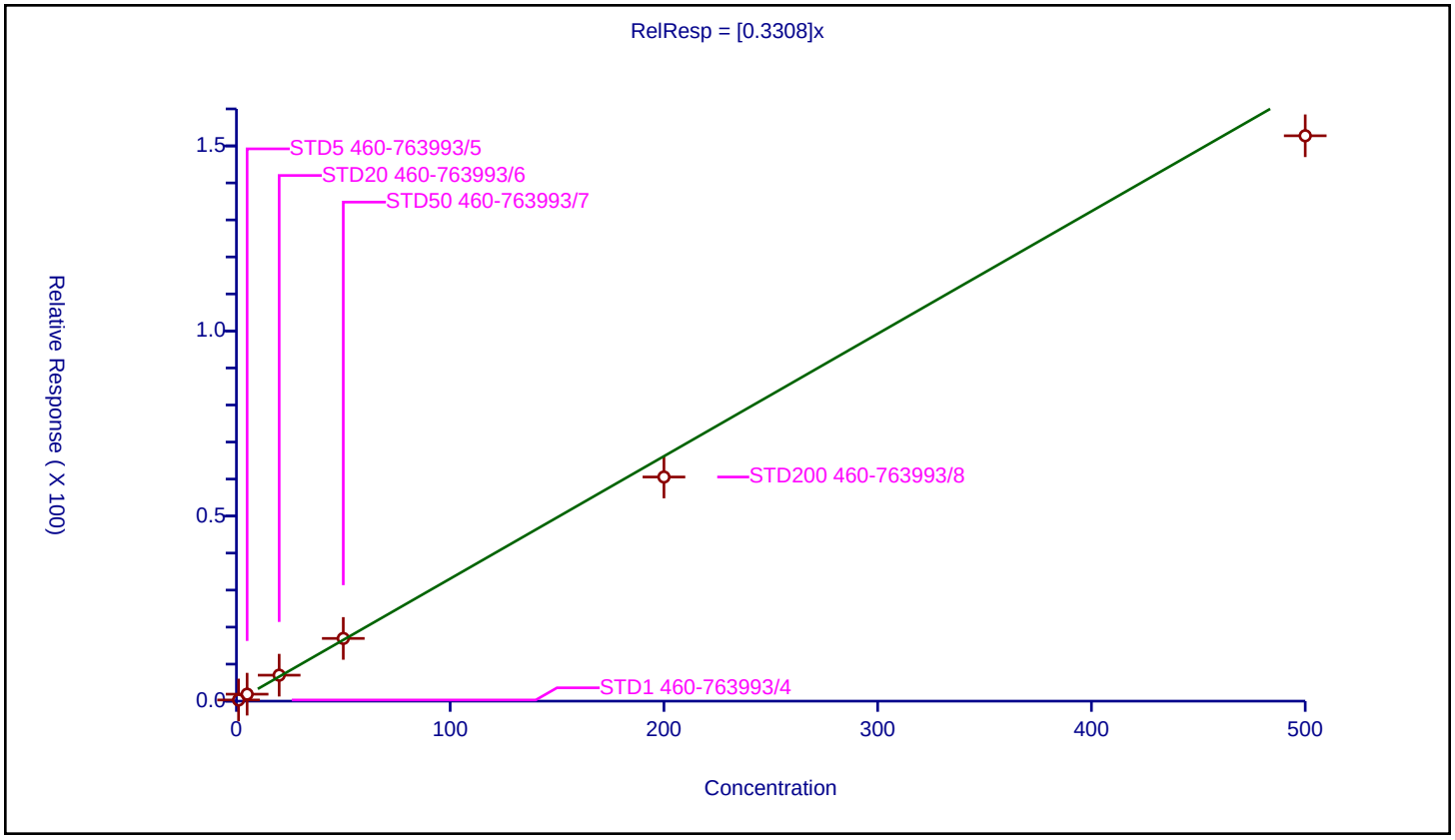
Curve Coefficients

Intercept:	0
Slope:	0.3308

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	8.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.311389	50.0	554611.0	0.311389	Y
2	STD5 460-763993/5	5.0	1.879447	50.0	607466.0	0.375889	Y
3	STD20 460-763993/6	20.0	7.014232	50.0	582145.0	0.350712	Y
4	STD50 460-763993/7	50.0	16.940598	50.0	642011.0	0.338812	Y
5	STD200 460-763993/8	200.0	60.550241	50.0	715377.0	0.302751	Y
6	STD500 460-763993/9	500.0	152.743264	50.0	795002.0	0.305487	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

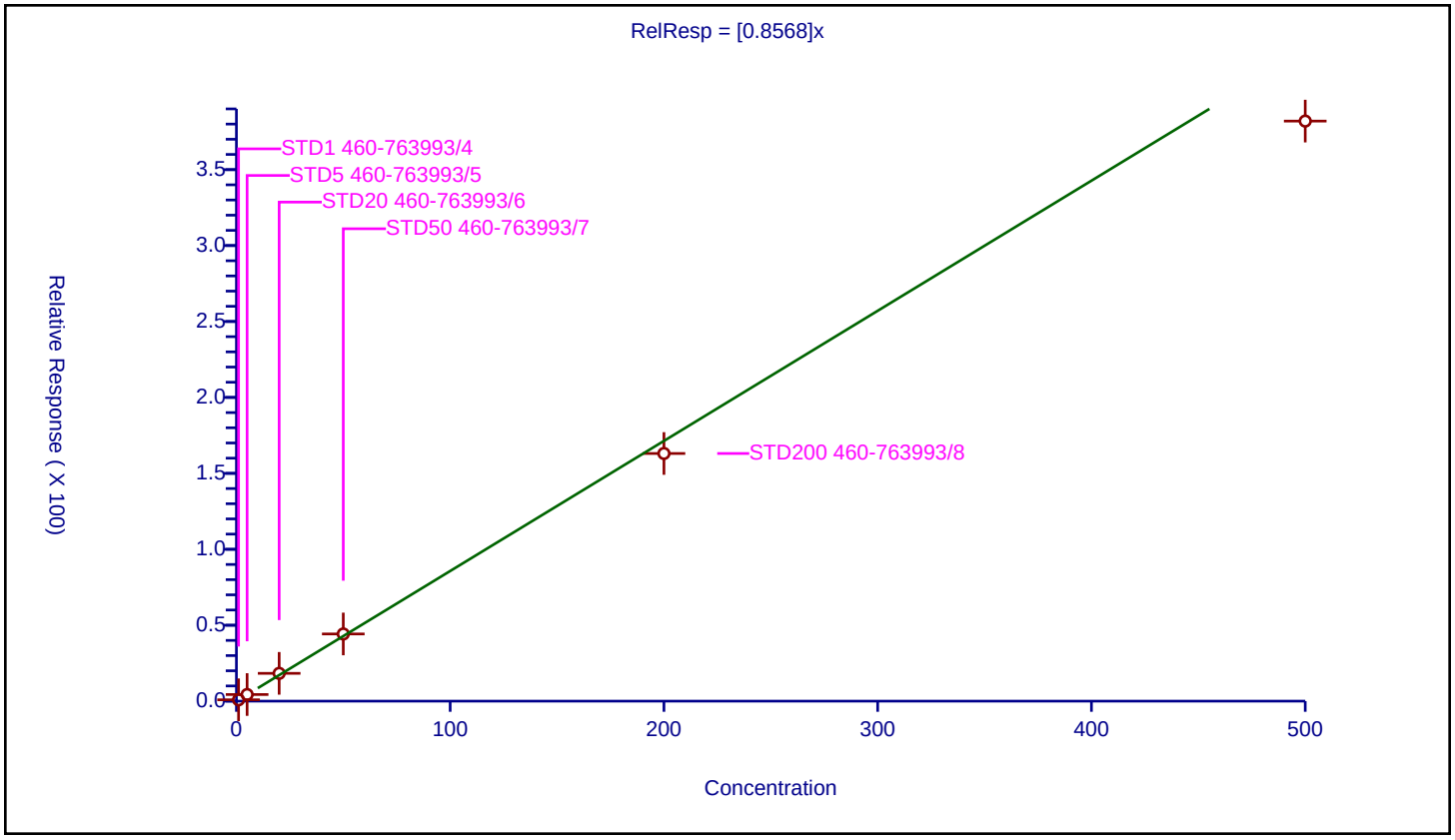
Curve Coefficients

Intercept:	0
Slope:	0.8568

Error Coefficients

Standard Error:	2920000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.889723	50.0	554611.0	0.889723	Y
2	STD5 460-763993/5	5.0	4.359009	50.0	607466.0	0.871802	Y
3	STD20 460-763993/6	20.0	18.301712	50.0	582145.0	0.915086	Y
4	STD50 460-763993/7	50.0	44.23865	50.0	642011.0	0.884773	Y
5	STD200 460-763993/8	200.0	163.09058	50.0	715377.0	0.815453	Y
6	STD500 460-763993/9	500.0	381.968599	50.0	795002.0	0.763937	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

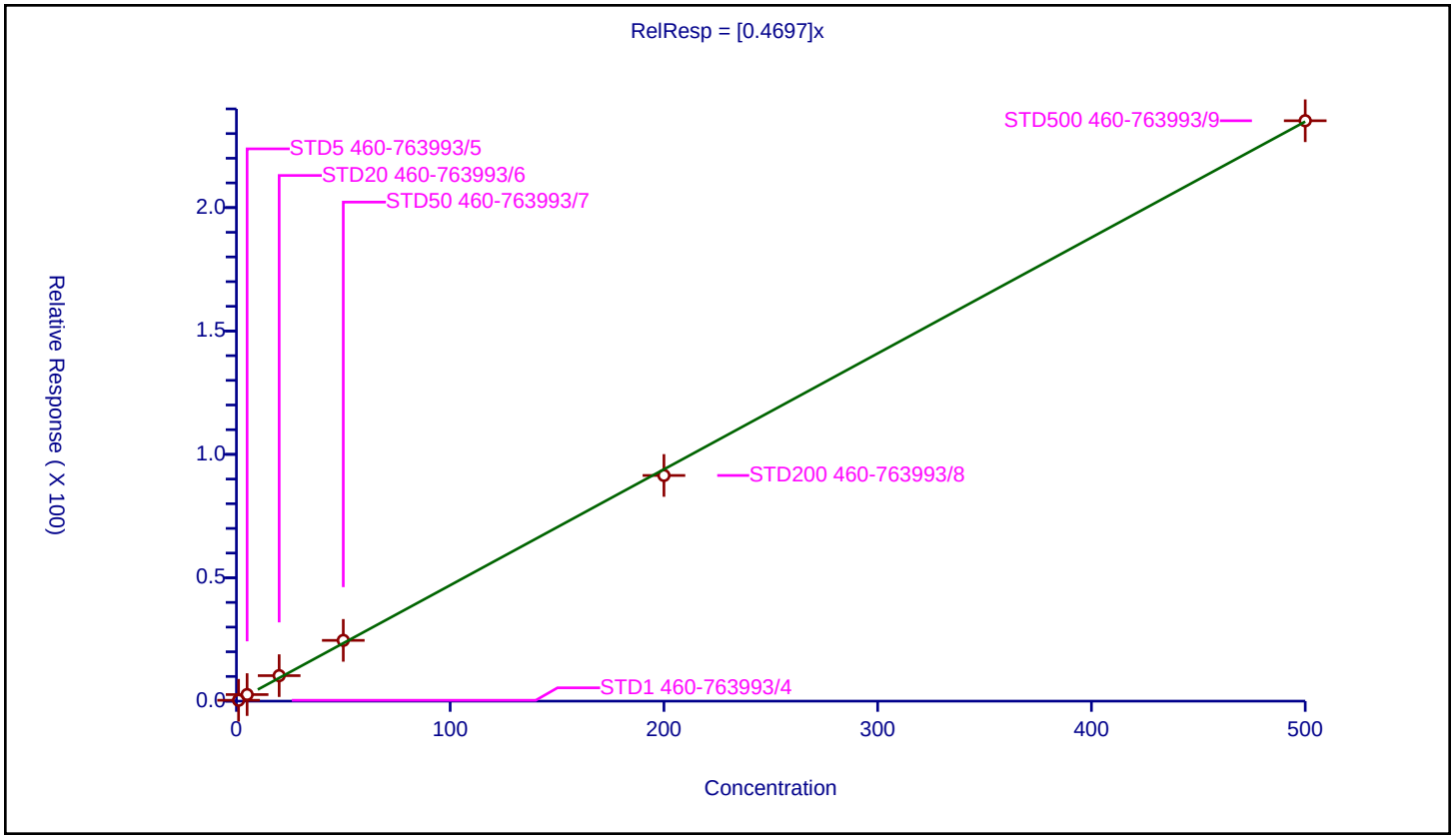
Curve Coefficients

Intercept:	0
Slope:	0.4697

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	13.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.349614	50.0	554611.0	0.349614	Y
2	STD5 460-763993/5	5.0	2.658914	50.0	607466.0	0.531783	Y
3	STD20 460-763993/6	20.0	10.33222	50.0	582145.0	0.516611	Y
4	STD50 460-763993/7	50.0	24.624267	50.0	642011.0	0.492485	Y
5	STD200 460-763993/8	200.0	91.454855	50.0	715377.0	0.457274	Y
6	STD500 460-763993/9	500.0	235.200352	50.0	795002.0	0.470401	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

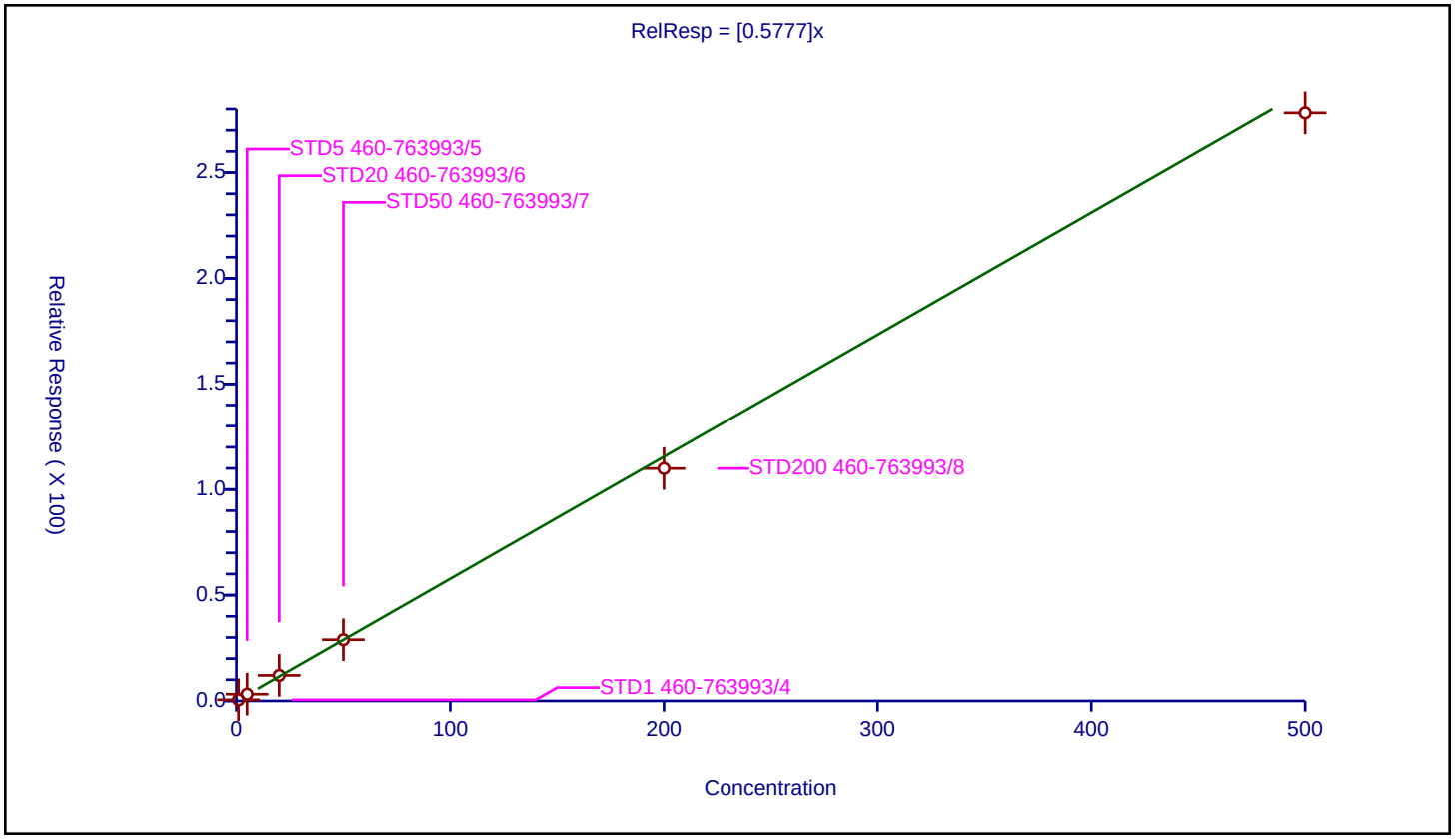
Curve Coefficients

Intercept:	0
Slope:	0.5777

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.539838	50.0	554611.0	0.539838	Y
2	STD5 460-763993/5	5.0	3.188656	50.0	607466.0	0.637731	Y
3	STD20 460-763993/6	20.0	12.073796	50.0	582145.0	0.60369	Y
4	STD50 460-763993/7	50.0	28.933694	50.0	642011.0	0.578674	Y
5	STD200 460-763993/8	200.0	109.938117	50.0	715377.0	0.549691	Y
6	STD500 460-763993/9	500.0	278.181501	50.0	795002.0	0.556363	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

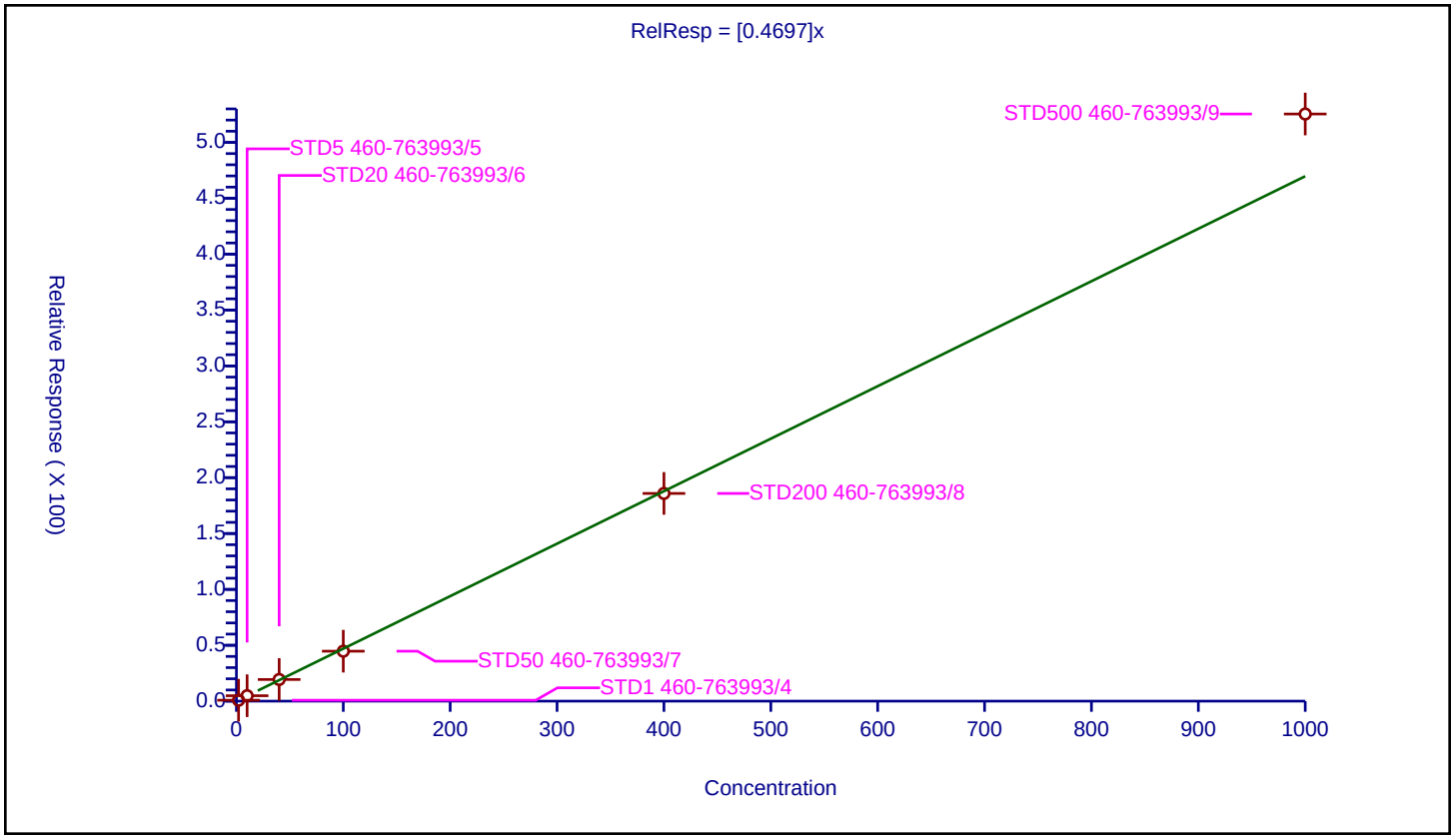
Curve Coefficients

Intercept:	0
Slope:	0.4697

Error Coefficients

Standard Error:	342000
Relative Standard Error:	8.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.822771	250.0	261312.0	0.411386	Y
2	STD5 460-763993/5	10.0	4.853926	250.0	290332.0	0.485393	Y
3	STD20 460-763993/6	40.0	19.374039	250.0	255032.0	0.484351	Y
4	STD50 460-763993/7	100.0	44.709814	250.0	324705.0	0.447098	Y
5	STD200 460-763993/8	400.0	185.871649	250.0	333850.0	0.464679	Y
6	STD500 460-763993/9	1000.0	525.421484	250.0	343607.0	0.525421	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

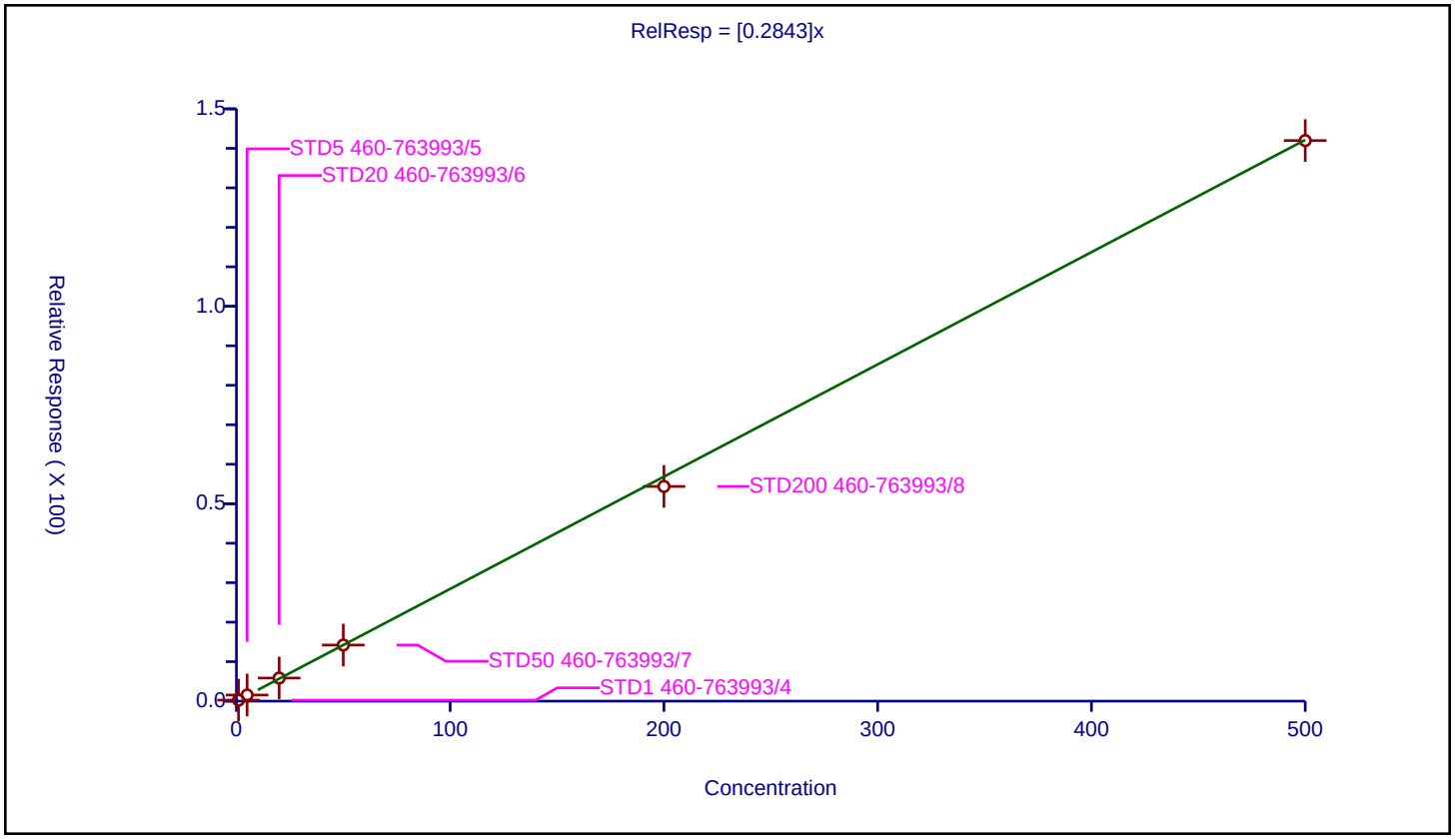
Curve Coefficients

Intercept:	0
Slope:	0.2843

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.262166	50.0	554611.0	0.262166	Y
2	STD5 460-763993/5	5.0	1.554984	50.0	607466.0	0.310997	Y
3	STD20 460-763993/6	20.0	5.852322	50.0	582145.0	0.292616	Y
4	STD50 460-763993/7	50.0	14.207467	50.0	642011.0	0.284149	Y
5	STD200 460-763993/8	200.0	54.374756	50.0	715377.0	0.271874	Y
6	STD500 460-763993/9	500.0	141.979643	50.0	795002.0	0.283959	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

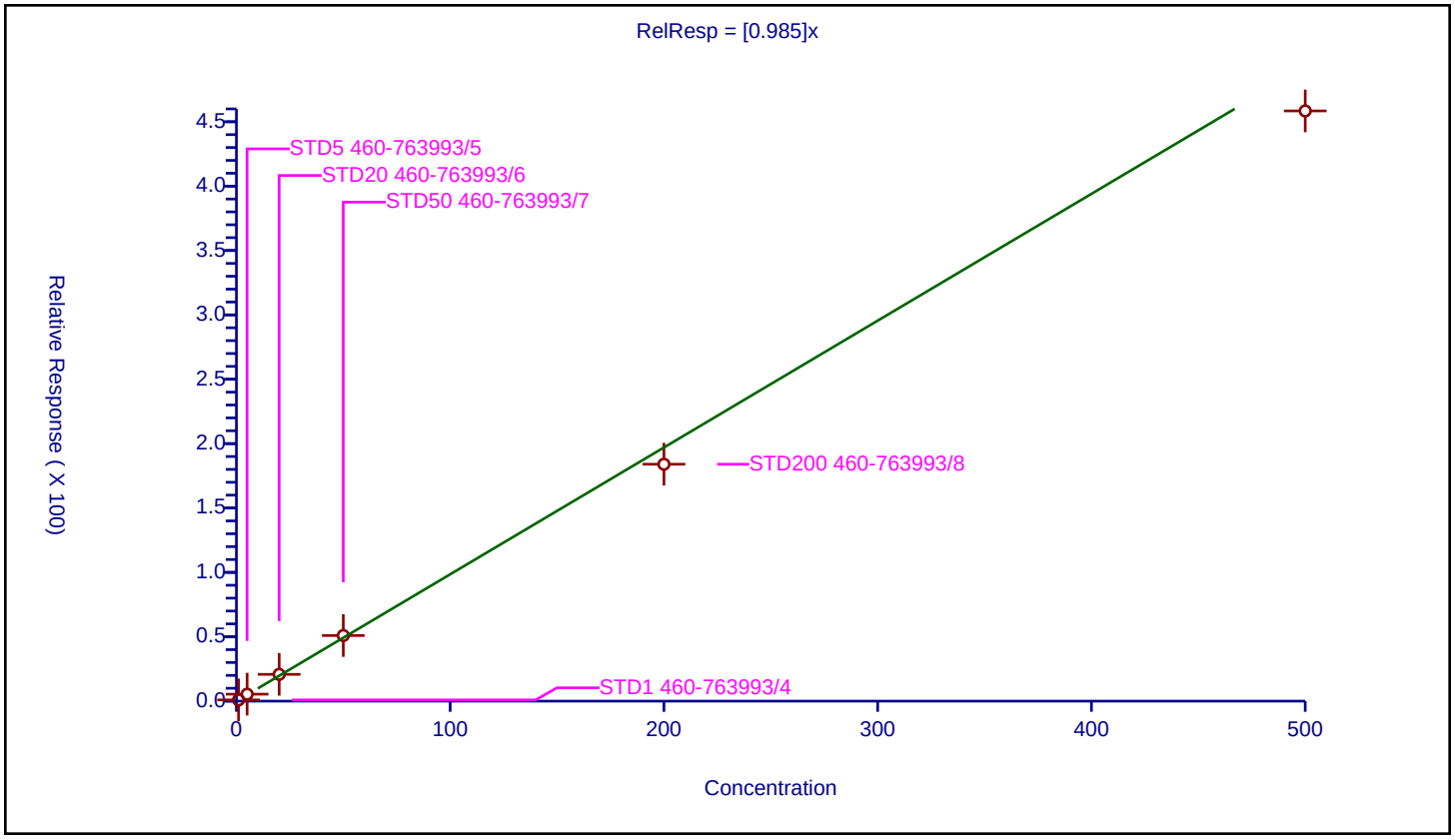
Curve Coefficients

Intercept:	0
Slope:	0.985

Error Coefficients

Standard Error:	3480000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.931824	50.0	554611.0	0.931824	Y
2	STD5 460-763993/5	5.0	5.414377	50.0	607466.0	1.082875	Y
3	STD20 460-763993/6	20.0	20.791298	50.0	582145.0	1.039565	Y
4	STD50 460-763993/7	50.0	50.955747	50.0	642011.0	1.019115	Y
5	STD200 460-763993/8	200.0	184.008082	50.0	715377.0	0.92004	Y
6	STD500 460-763993/9	500.0	458.432054	50.0	795002.0	0.916864	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

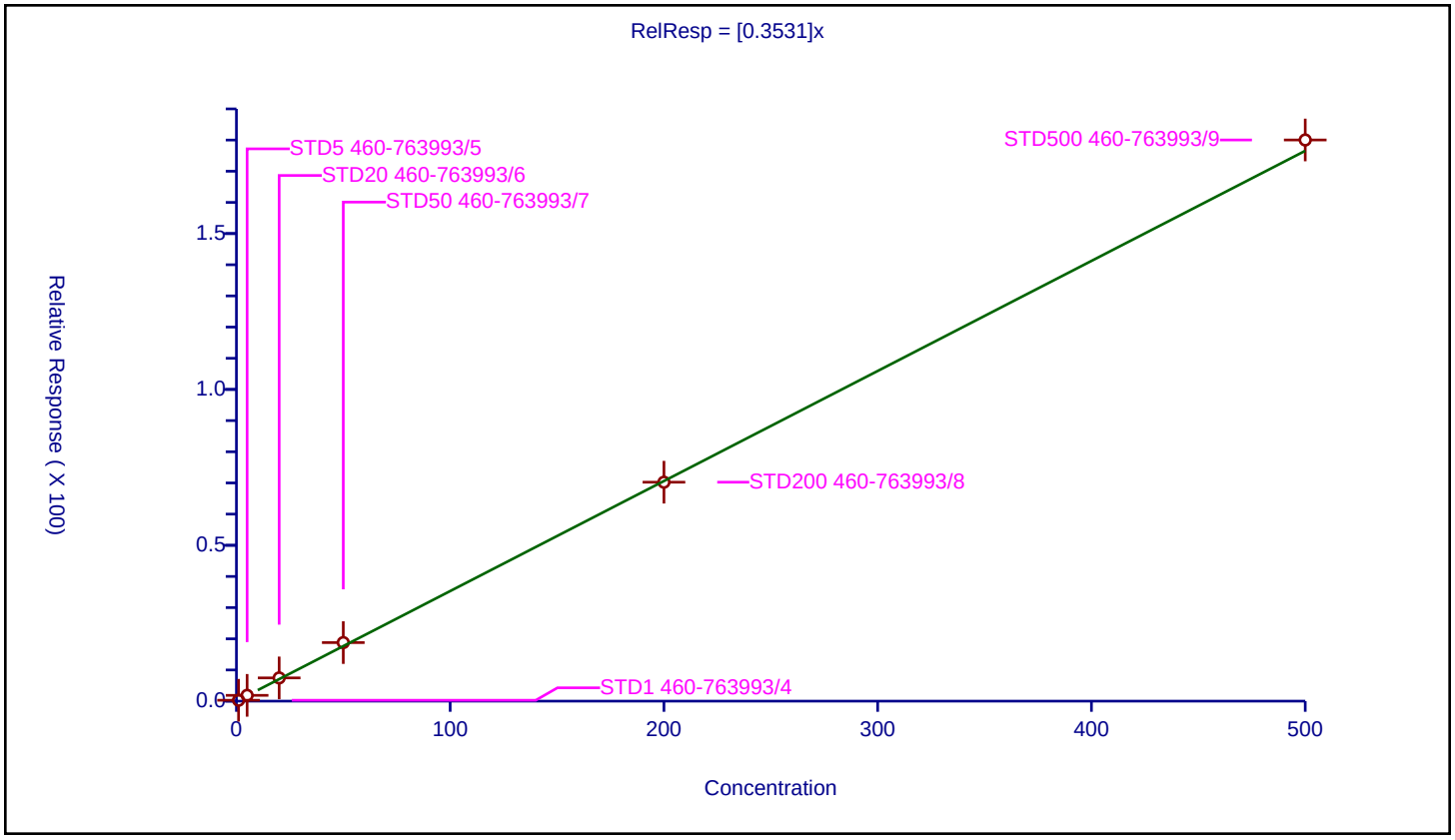
Curve Coefficients

Intercept:	0
Slope:	0.3531

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.287228	50.0	554611.0	0.287228	Y
2	STD5 460-763993/5	5.0	1.858293	50.0	607466.0	0.371659	Y
3	STD20 460-763993/6	20.0	7.451322	50.0	582145.0	0.372566	Y
4	STD50 460-763993/7	50.0	18.789242	50.0	642011.0	0.375785	Y
5	STD200 460-763993/8	200.0	70.236882	50.0	715377.0	0.351184	Y
6	STD500 460-763993/9	500.0	180.026717	50.0	795002.0	0.360053	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

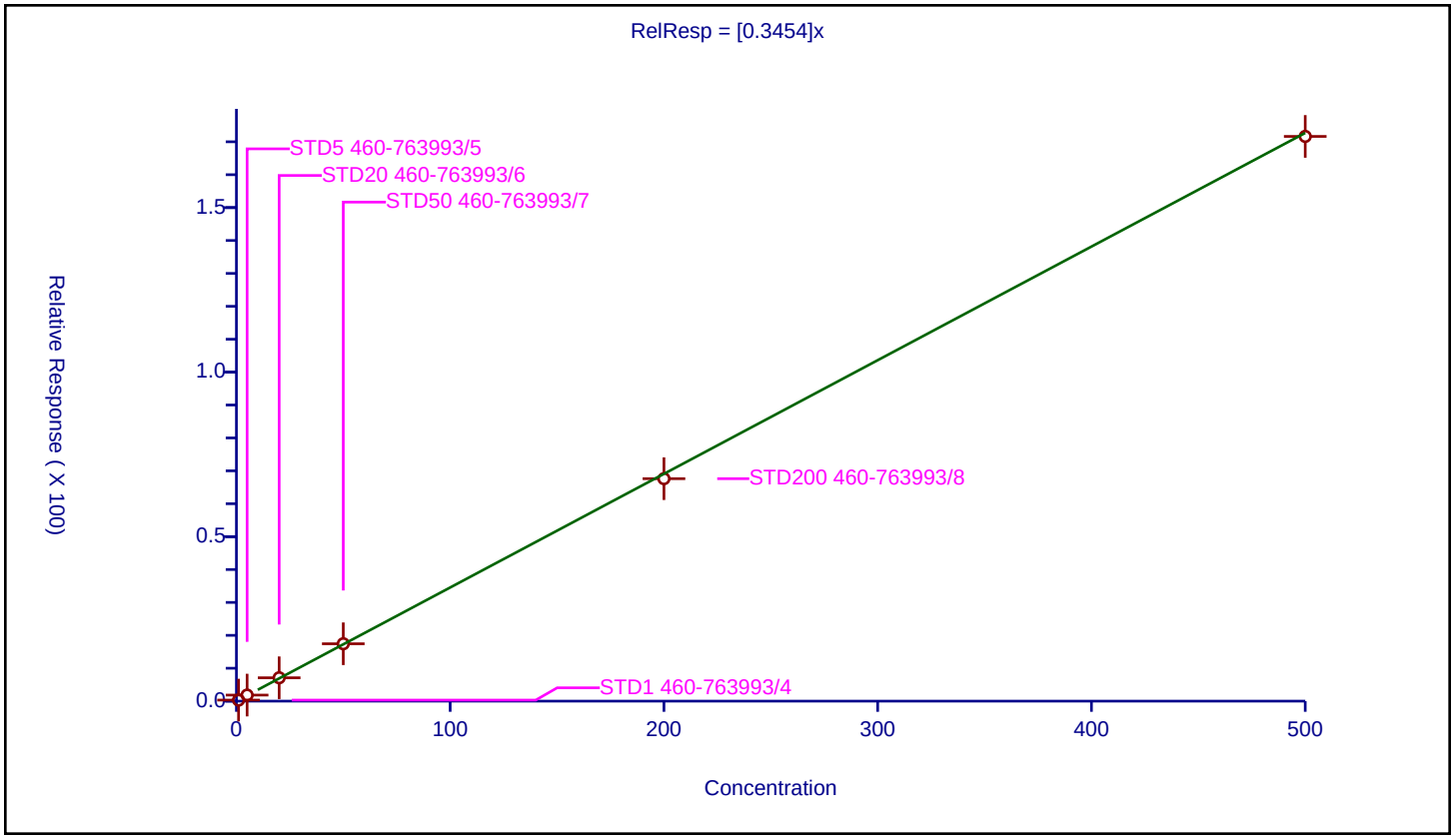
Curve Coefficients

Intercept:	0
Slope:	0.3454

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	4.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.319052	50.0	554611.0	0.319052	Y
2	STD5 460-763993/5	5.0	1.839115	50.0	607466.0	0.367823	Y
3	STD20 460-763993/6	20.0	7.105446	50.0	582145.0	0.355272	Y
4	STD50 460-763993/7	50.0	17.441446	50.0	642011.0	0.348829	Y
5	STD200 460-763993/8	200.0	67.607919	50.0	715377.0	0.33804	Y
6	STD500 460-763993/9	500.0	171.625983	50.0	795002.0	0.343252	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

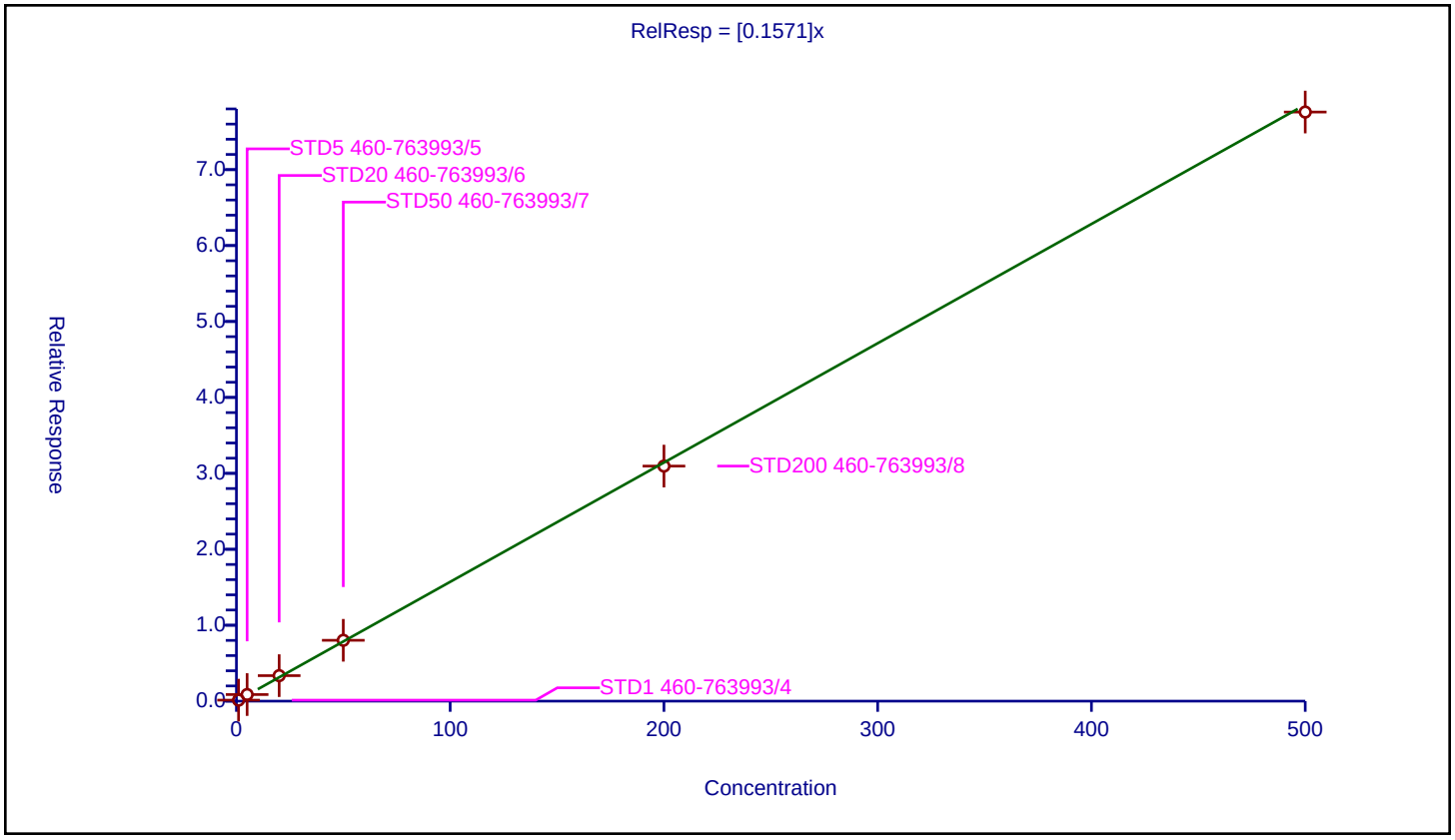
Curve Coefficients

Intercept:	0
Slope:	0.1571

Error Coefficients

Standard Error:	588000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.130812	50.0	554611.0	0.130812	Y
2	STD5 460-763993/5	5.0	0.868526	50.0	607466.0	0.173705	Y
3	STD20 460-763993/6	20.0	3.357497	50.0	582145.0	0.167875	Y
4	STD50 460-763993/7	50.0	8.013258	50.0	642011.0	0.160265	Y
5	STD200 460-763993/8	200.0	30.956684	50.0	715377.0	0.154783	Y
6	STD500 460-763993/9	500.0	77.584459	50.0	795002.0	0.155169	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

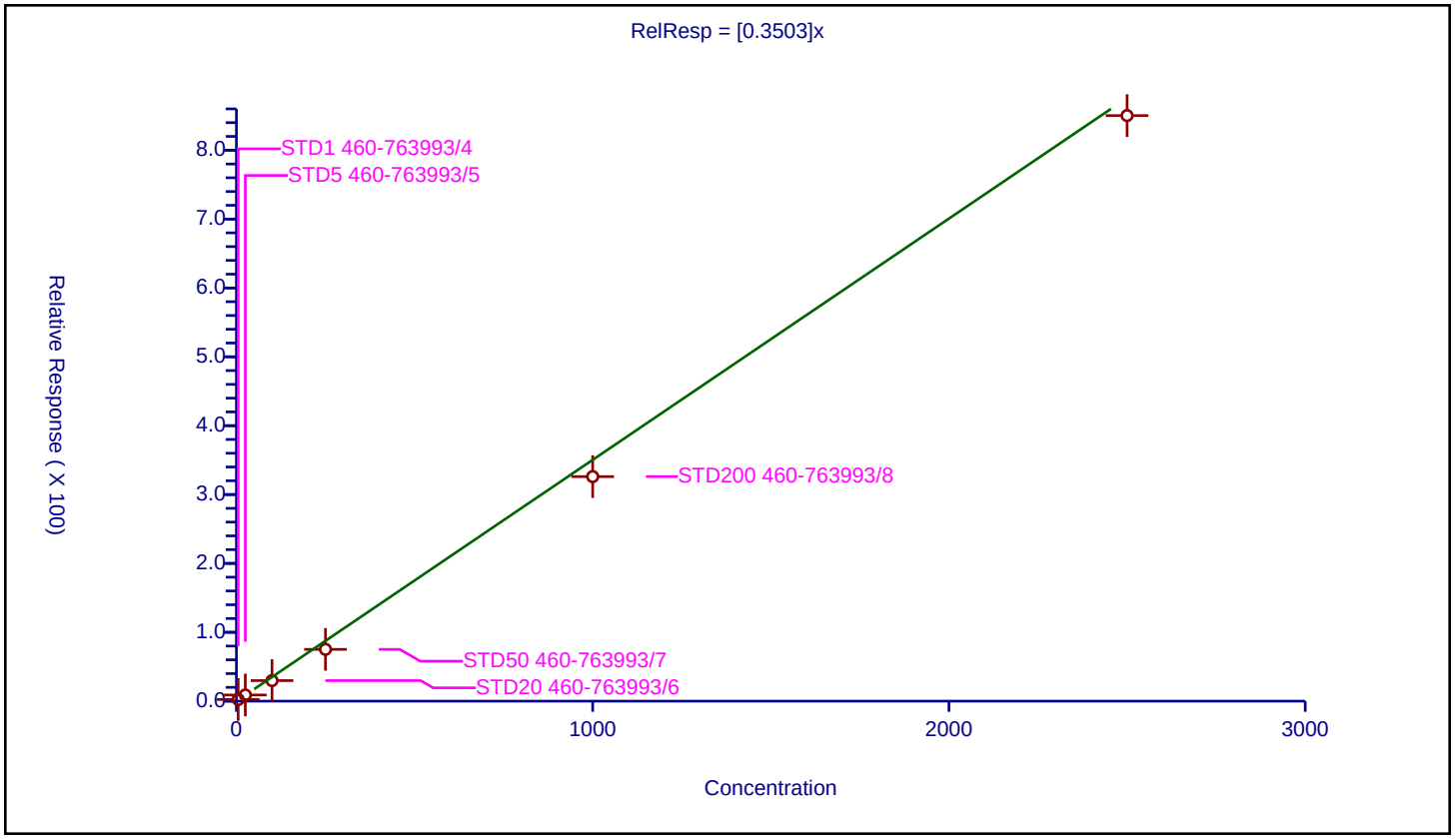
Curve Coefficients

Intercept:	0
Slope:	0.3503

Error Coefficients

Standard Error:	559000
Relative Standard Error:	19.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	5.0	2.39369	250.0	261312.0	0.478738	Y
2	STD5 460-763993/5	25.0	8.957848	250.0	290332.0	0.358314	Y
3	STD20 460-763993/6	100.0	29.826649	250.0	255032.0	0.298266	Y
4	STD50 460-763993/7	250.0	75.154371	250.0	324705.0	0.300617	Y
5	STD200 460-763993/8	1000.0	326.065598	250.0	333850.0	0.326066	Y
6	STD500 460-763993/9	2500.0	850.235152	250.0	343607.0	0.340094	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

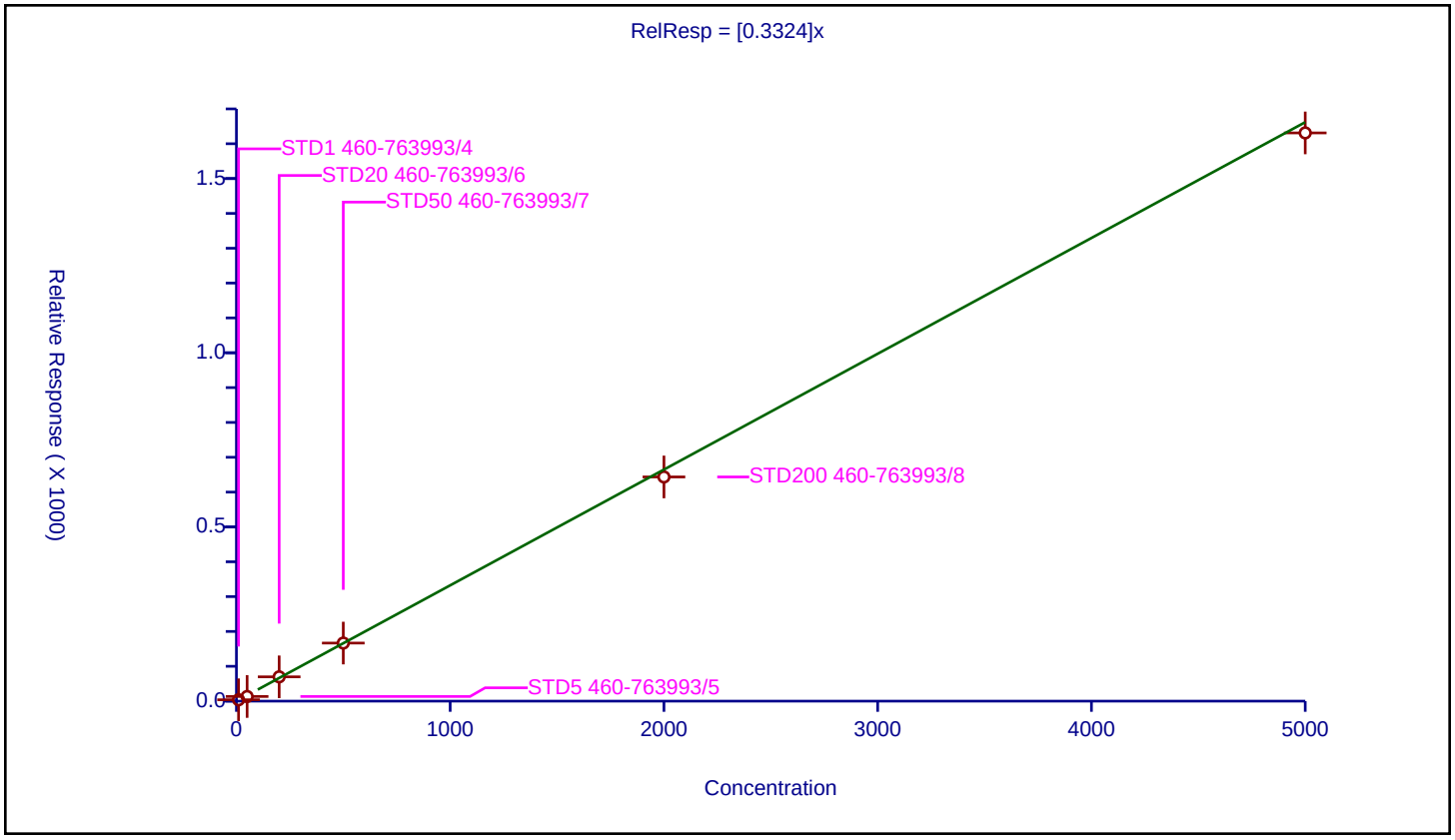
Curve Coefficients

Intercept:	0
Slope:	0.3324

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	12.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	10.0	3.967479	250.0	261312.0	0.396748	Y
2	STD5 460-763993/5	50.0	13.349372	250.0	290332.0	0.266987	Y
3	STD20 460-763993/6	200.0	69.796143	250.0	255032.0	0.348981	Y
4	STD50 460-763993/7	500.0	166.73519	250.0	324705.0	0.33347	Y
5	STD200 460-763993/8	2000.0	643.492586	250.0	333850.0	0.321746	Y
6	STD500 460-763993/9	5000.0	1631.065432	250.0	343607.0	0.326213	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

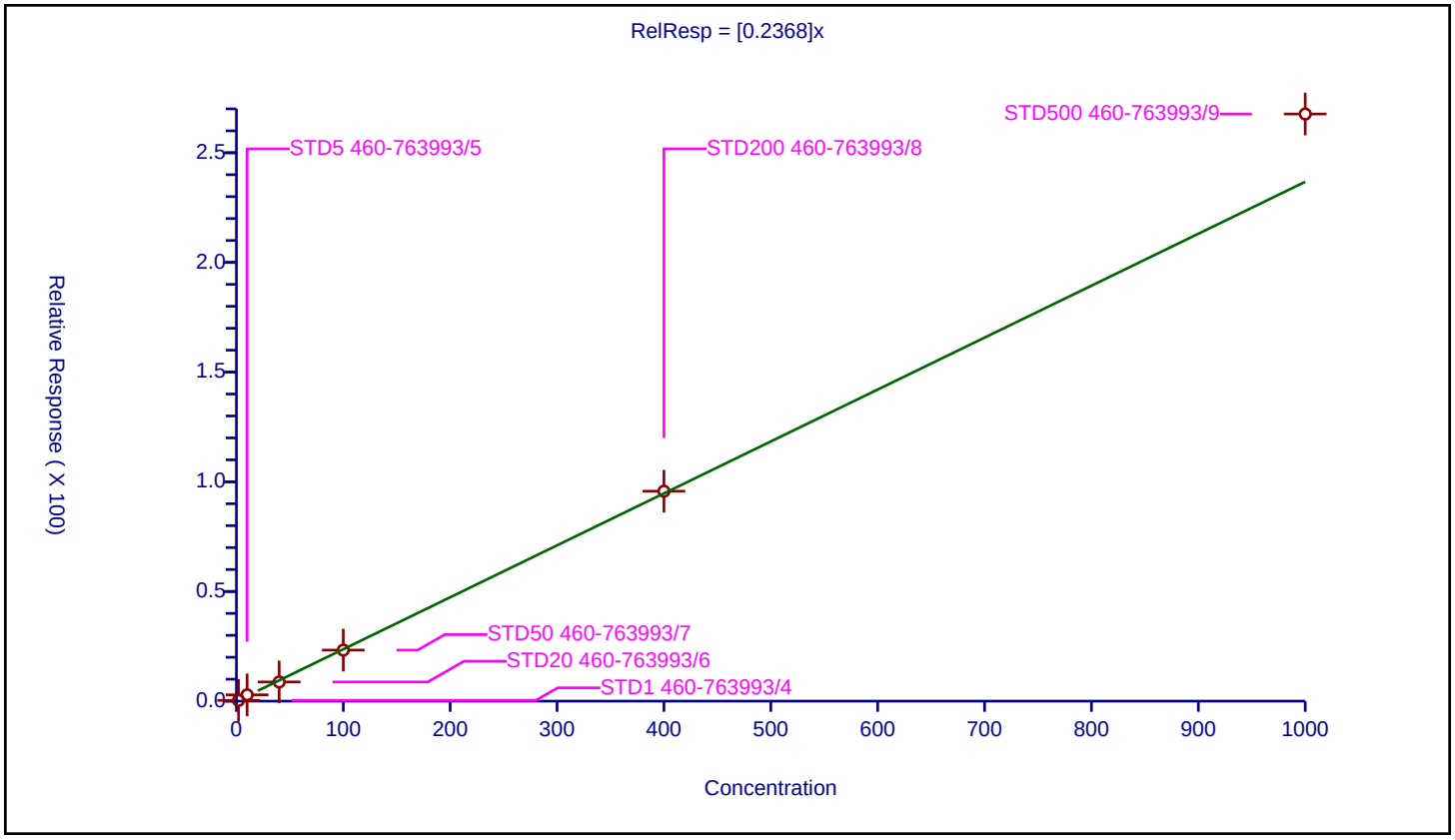
Curve Coefficients

Intercept:	0
Slope:	0.2368

Error Coefficients

Standard Error:	175000
Relative Standard Error:	16.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.350156	250.0	261312.0	0.175078	Y
2	STD5 460-763993/5	10.0	2.871712	250.0	290332.0	0.287171	Y
3	STD20 460-763993/6	40.0	8.745961	250.0	255032.0	0.218649	Y
4	STD50 460-763993/7	100.0	23.266503	250.0	324705.0	0.232665	Y
5	STD200 460-763993/8	400.0	95.710648	250.0	333850.0	0.239277	Y
6	STD500 460-763993/9	1000.0	267.670624	250.0	343607.0	0.267671	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

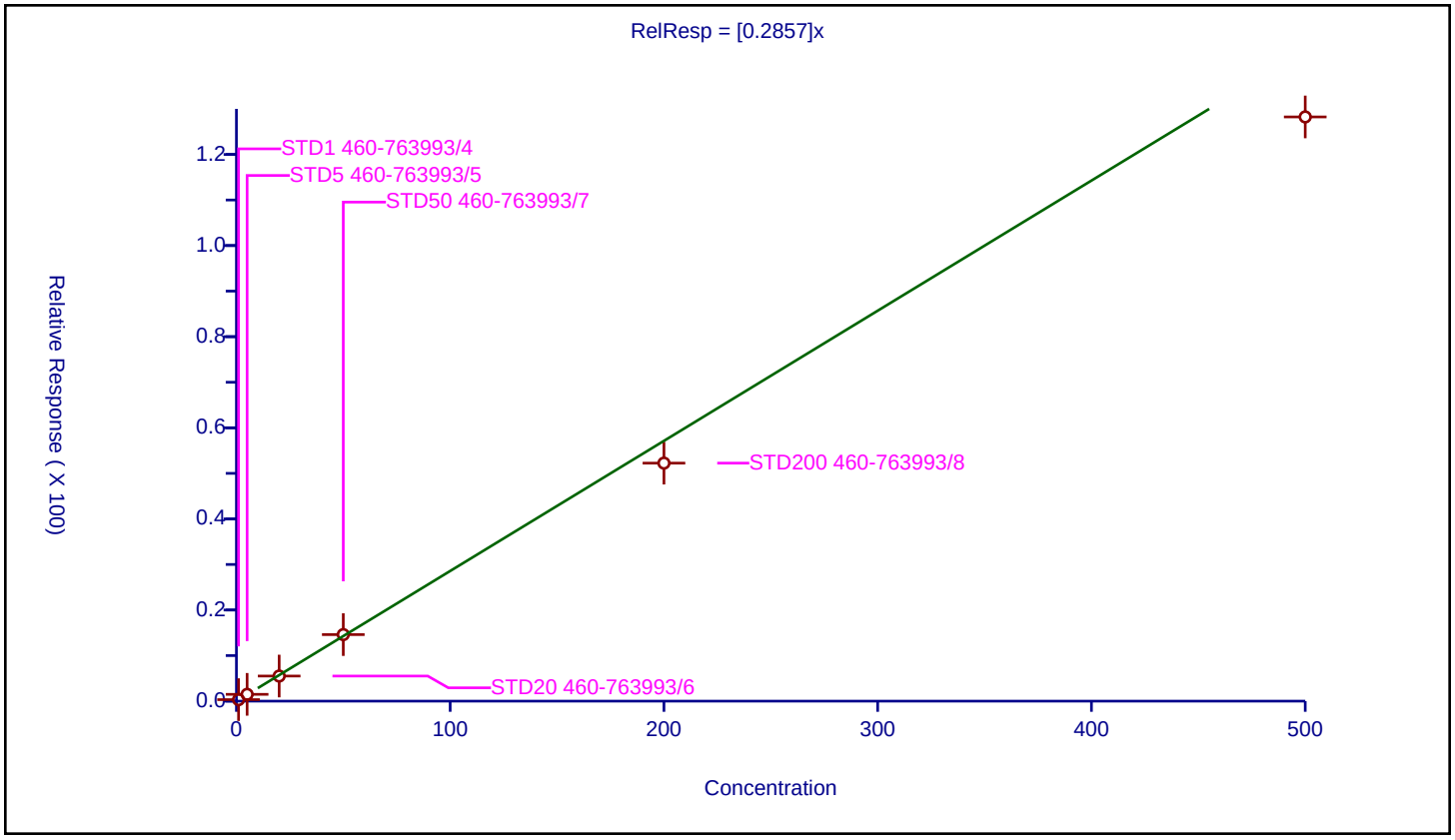
Curve Coefficients

Intercept:	0
Slope:	0.2857

Error Coefficients

Standard Error:	975000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.330051	50.0	554611.0	0.330051	Y
2	STD5 460-763993/5	5.0	1.492676	50.0	607466.0	0.298535	Y
3	STD20 460-763993/6	20.0	5.509796	50.0	582145.0	0.27549	Y
4	STD50 460-763993/7	50.0	14.607927	50.0	642011.0	0.292159	Y
5	STD200 460-763993/8	200.0	52.247696	50.0	715377.0	0.261238	Y
6	STD500 460-763993/9	500.0	128.236218	50.0	795002.0	0.256472	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

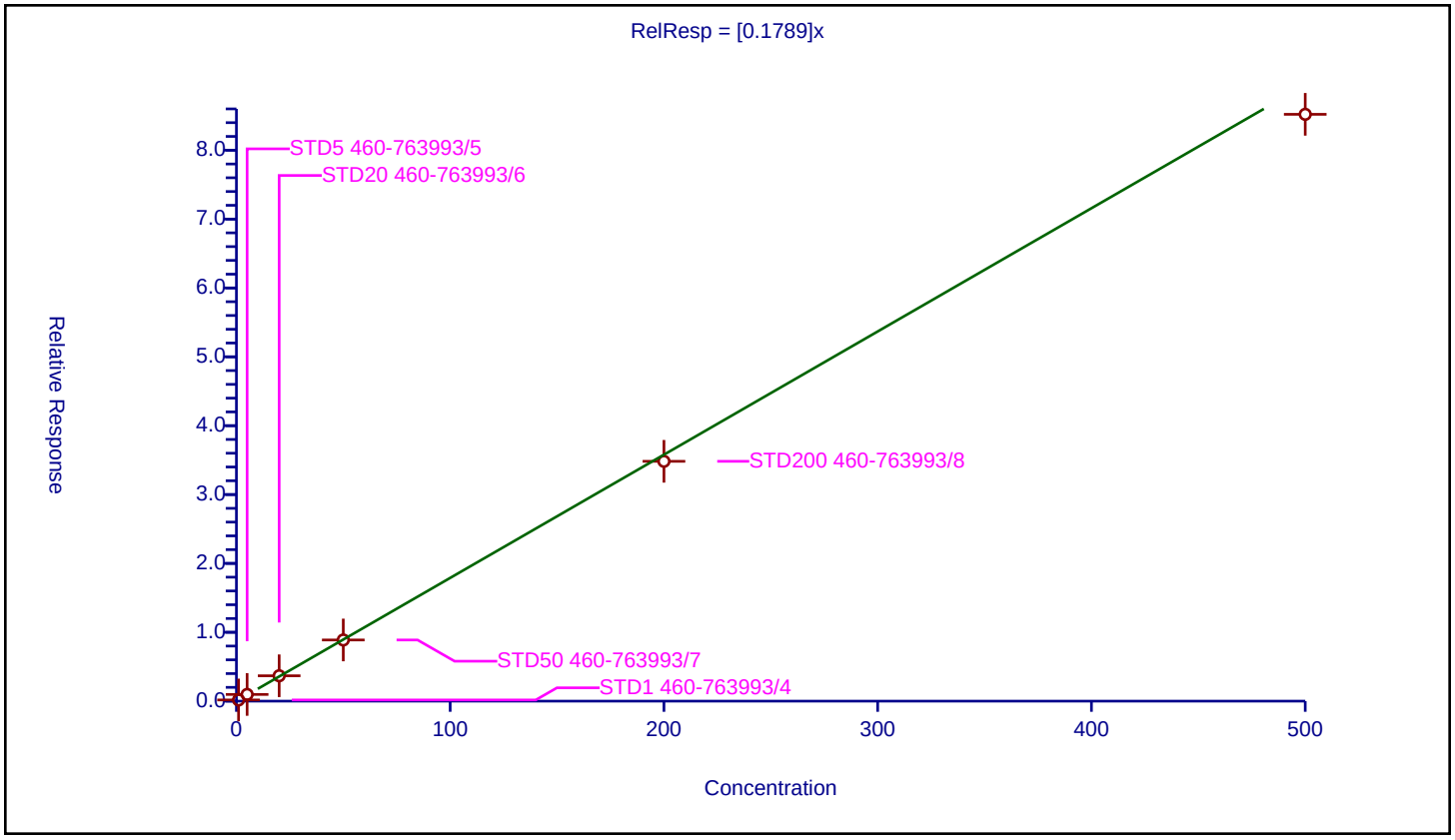
Curve Coefficients

Intercept:	0
Slope:	0.1789

Error Coefficients

Standard Error:	648000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.172373	50.0	554611.0	0.172373	Y
2	STD5 460-763993/5	5.0	0.973882	50.0	607466.0	0.194776	Y
3	STD20 460-763993/6	20.0	3.684563	50.0	582145.0	0.184228	Y
4	STD50 460-763993/7	50.0	8.882947	50.0	642011.0	0.177659	Y
5	STD200 460-763993/8	200.0	34.825973	50.0	715377.0	0.17413	Y
6	STD500 460-763993/9	500.0	85.209282	50.0	795002.0	0.170419	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

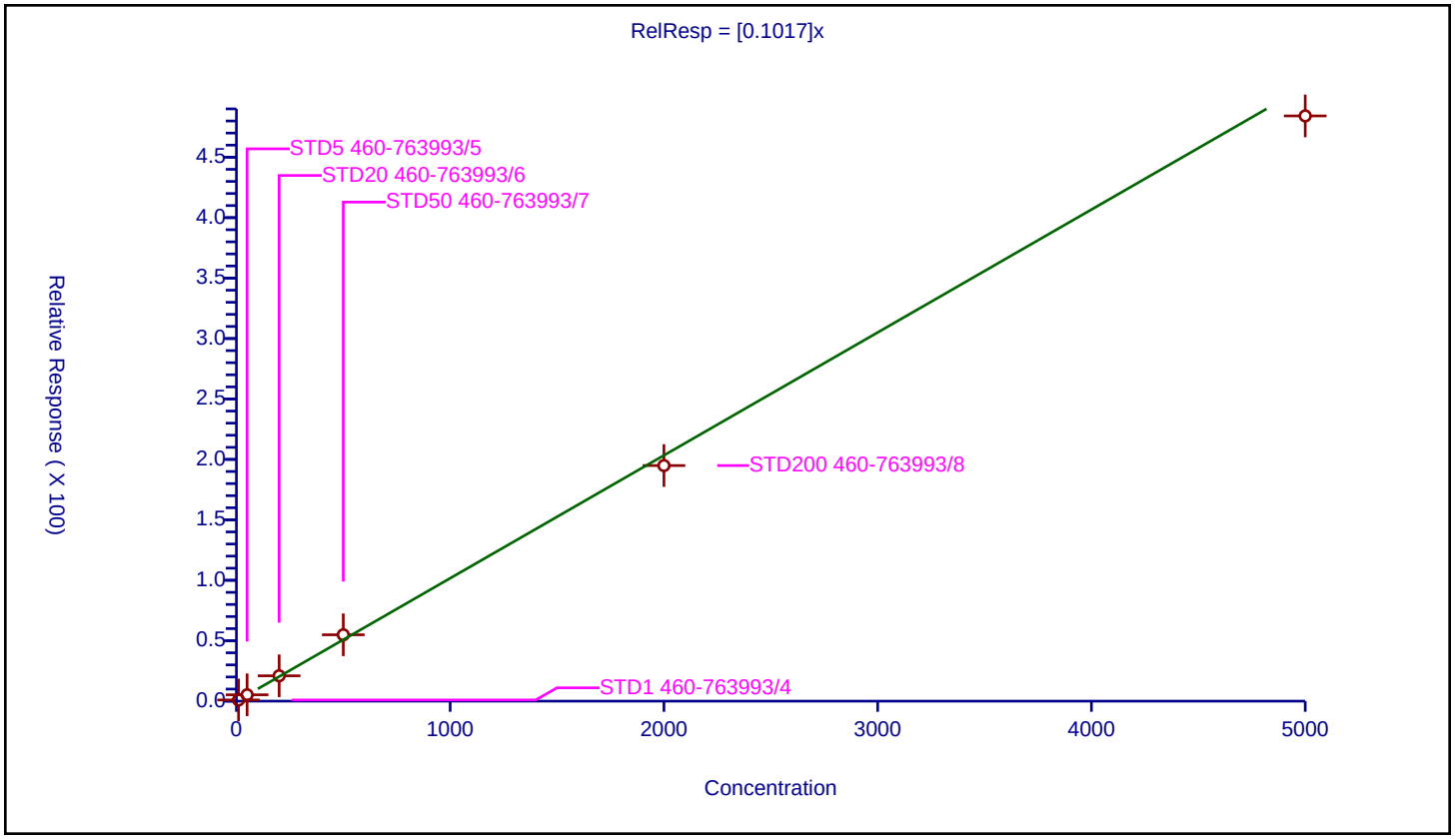
Curve Coefficients

Intercept:	0
Slope:	0.1017

Error Coefficients

Standard Error:	3680000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	10.0	0.959591	50.0	554611.0	0.095959	Y
2	STD5 460-763993/5	50.0	5.25659	50.0	607466.0	0.105132	Y
3	STD20 460-763993/6	200.0	20.976904	50.0	582145.0	0.104885	Y
4	STD50 460-763993/7	500.0	54.901707	50.0	642011.0	0.109803	Y
5	STD200 460-763993/8	2000.0	194.906881	50.0	715377.0	0.097453	Y
6	STD500 460-763993/9	5000.0	484.182996	50.0	795002.0	0.096837	Y



Calibration / Tetrahydrofuran

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

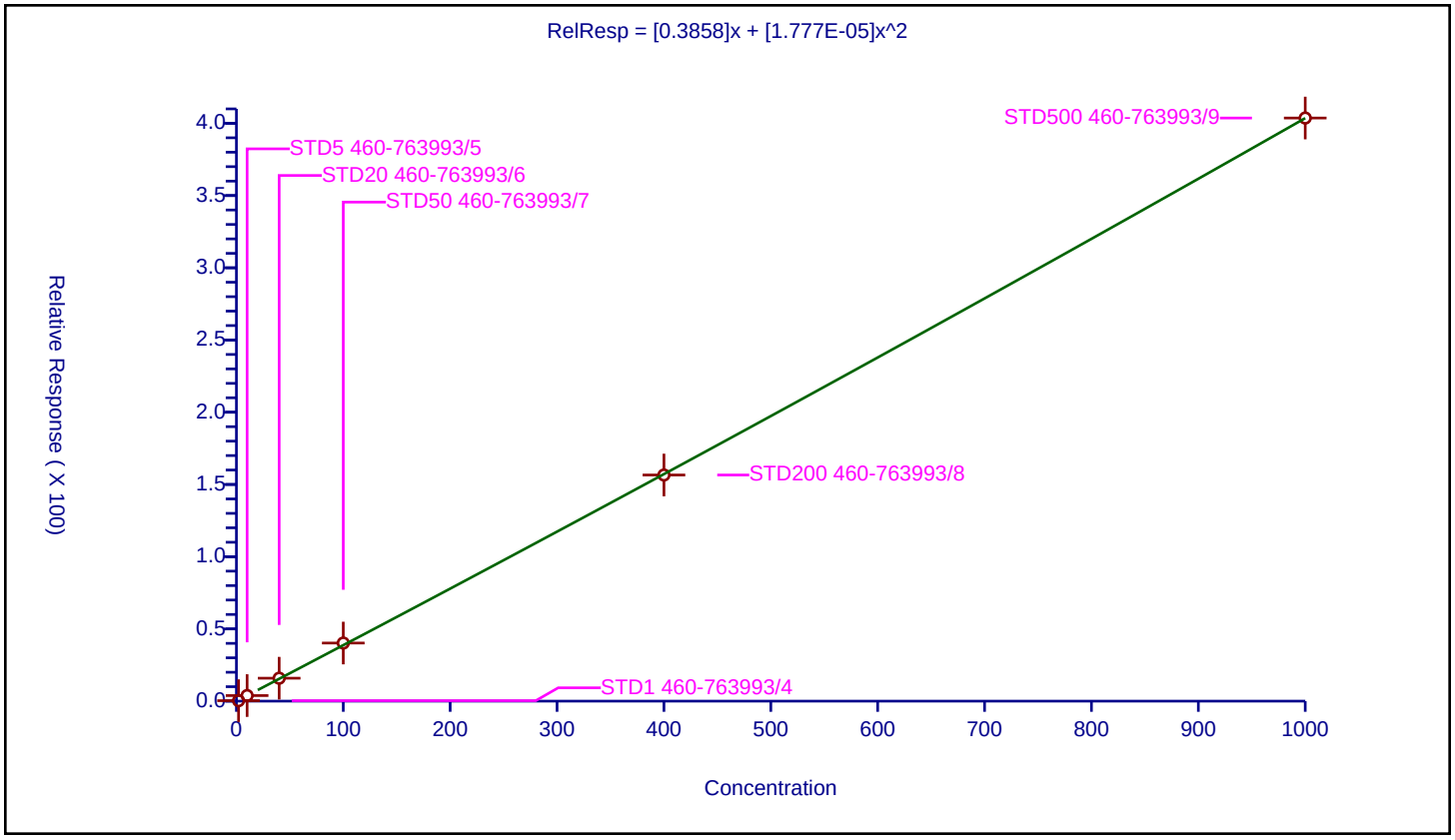
Curve Coefficients

Intercept:	0
Slope:	0.3858
Second Order:	1.777E-05

Error Coefficients

Standard Error:	297000
Relative Standard Error:	28.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.331022	250.0	261312.0	0.165511	Y
2	STD5 460-763993/5	10.0	3.868847	250.0	290332.0	0.386885	Y
3	STD20 460-763993/6	40.0	15.889183	250.0	255032.0	0.39723	Y
4	STD50 460-763993/7	100.0	40.218814	250.0	324705.0	0.402188	Y
5	STD200 460-763993/8	400.0	156.555339	250.0	333850.0	0.391388	Y
6	STD500 460-763993/9	1000.0	403.667562	250.0	343607.0	0.403668	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

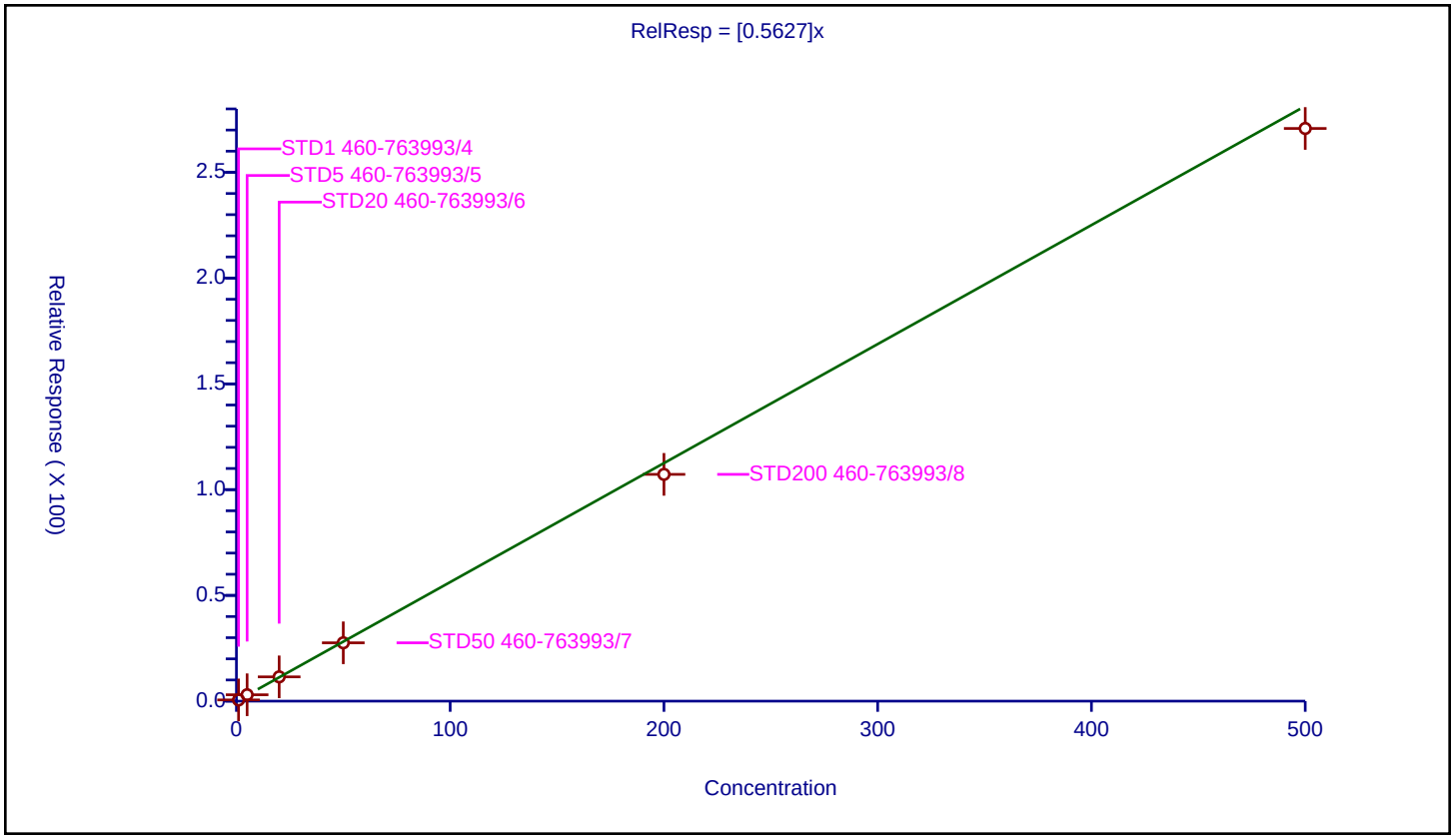
Curve Coefficients

Intercept:	0
Slope:	0.5627

Error Coefficients

Standard Error:	2050000
Relative Standard Error:	4.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.569949	50.0	554611.0	0.569949	Y
2	STD5 460-763993/5	5.0	3.014819	50.0	607466.0	0.602964	Y
3	STD20 460-763993/6	20.0	11.478154	50.0	582145.0	0.573908	Y
4	STD50 460-763993/7	50.0	27.578655	50.0	642011.0	0.551573	Y
5	STD200 460-763993/8	200.0	107.214308	50.0	715377.0	0.536072	Y
6	STD500 460-763993/9	500.0	270.748061	50.0	795002.0	0.541496	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

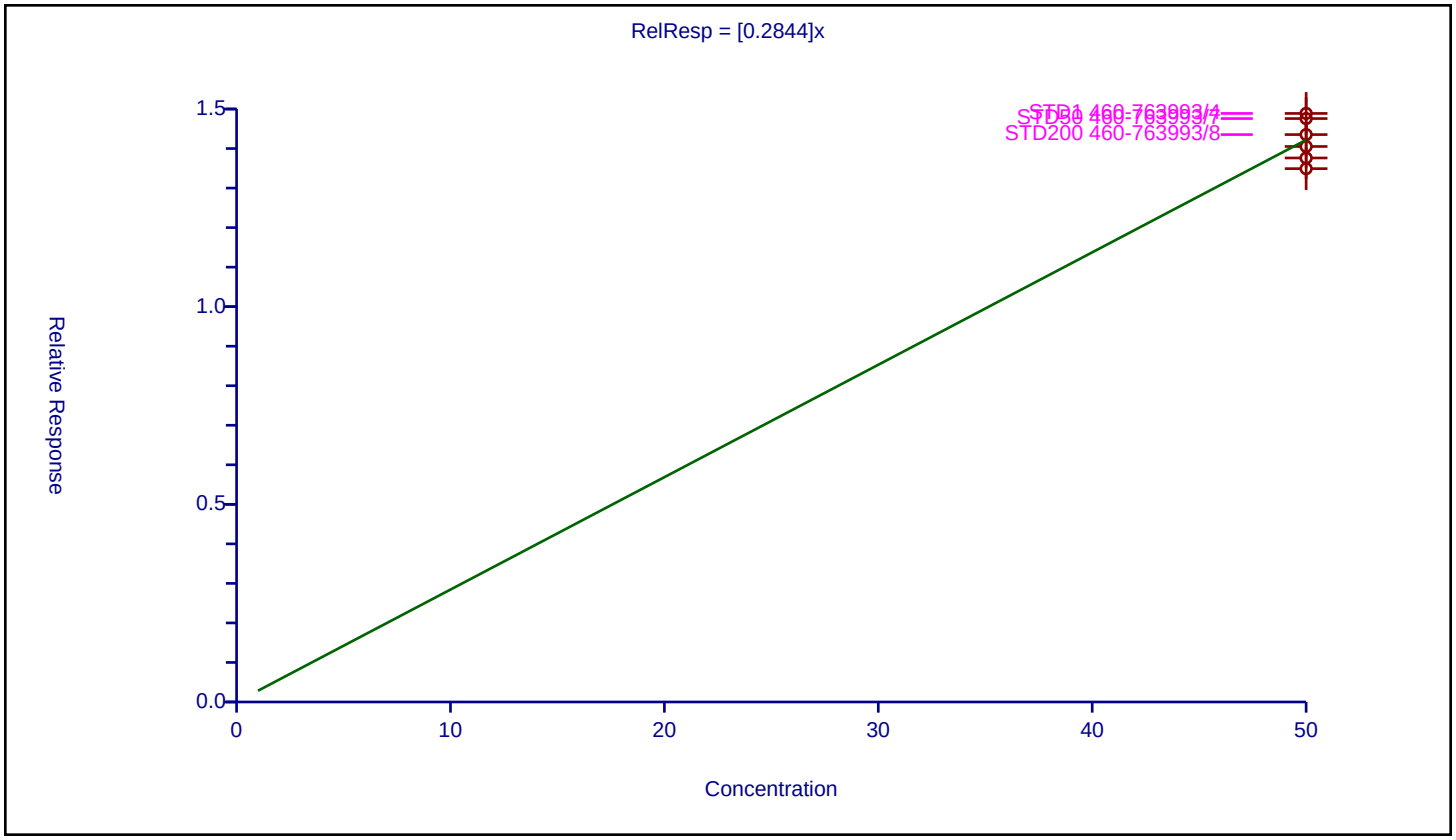
Curve Coefficients

Intercept:	0
Slope:	0.2844

Error Coefficients

Standard Error:	203000
Relative Standard Error:	3.9
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	50.0	14.888183	50.0	554611.0	0.297764	Y
2	STD5 460-763993/5	50.0	13.761182	50.0	607466.0	0.275224	Y
3	STD20 460-763993/6	50.0	14.052513	50.0	582145.0	0.28105	Y
4	STD50 460-763993/7	50.0	14.758314	50.0	642011.0	0.295166	Y
5	STD200 460-763993/8	50.0	14.353131	50.0	715377.0	0.287063	Y
6	STD500 460-763993/9	50.0	13.491853	50.0	795002.0	0.269837	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

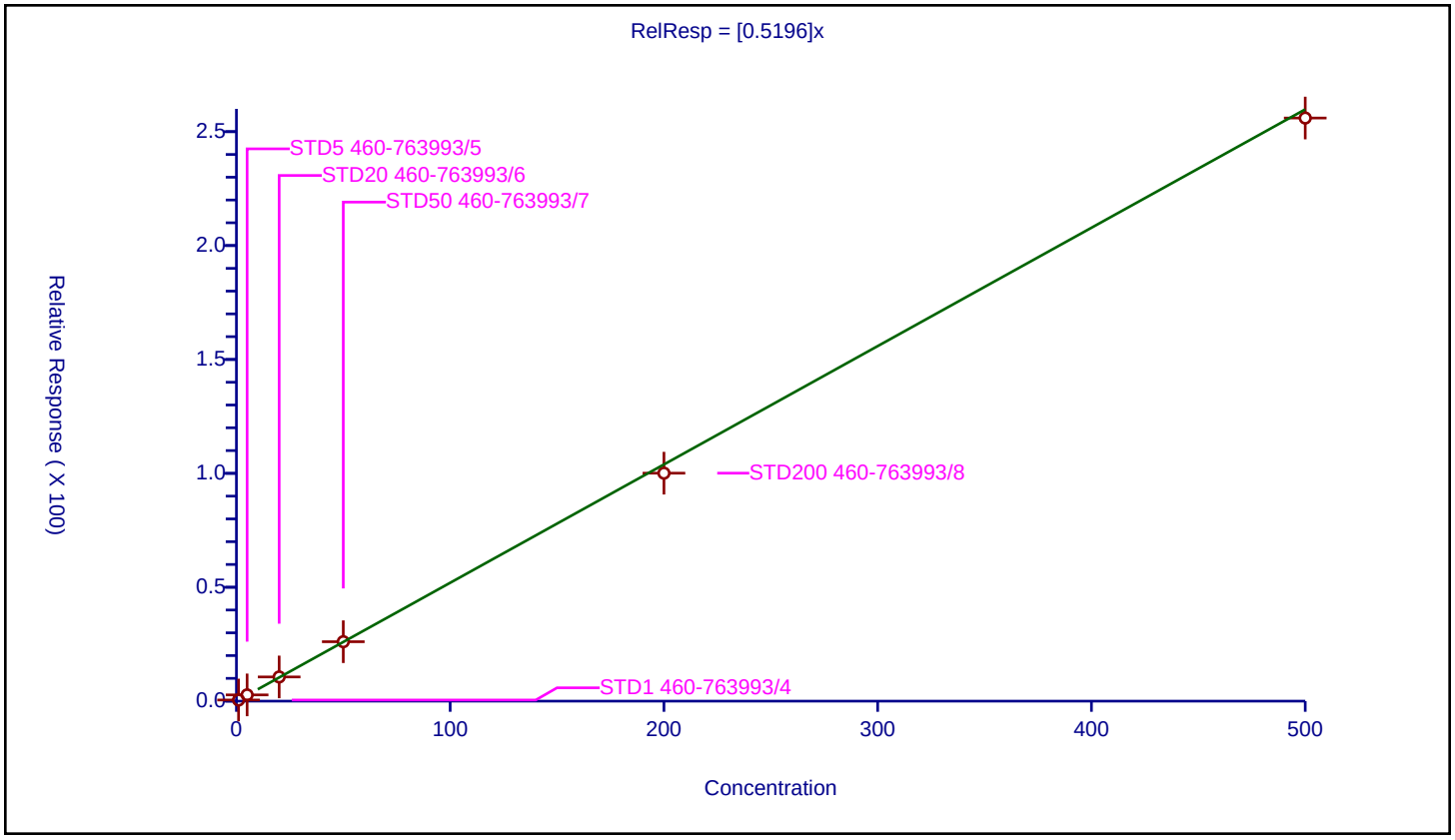
Curve Coefficients

Intercept:	0
Slope:	0.5196

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	3.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.502514	50.0	554611.0	0.502514	Y
2	STD5 460-763993/5	5.0	2.74682	50.0	607466.0	0.549364	Y
3	STD20 460-763993/6	20.0	10.625188	50.0	582145.0	0.531259	Y
4	STD50 460-763993/7	50.0	26.088727	50.0	642011.0	0.521775	Y
5	STD200 460-763993/8	200.0	100.0852	50.0	715377.0	0.500426	Y
6	STD500 460-763993/9	500.0	255.987784	50.0	795002.0	0.511976	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

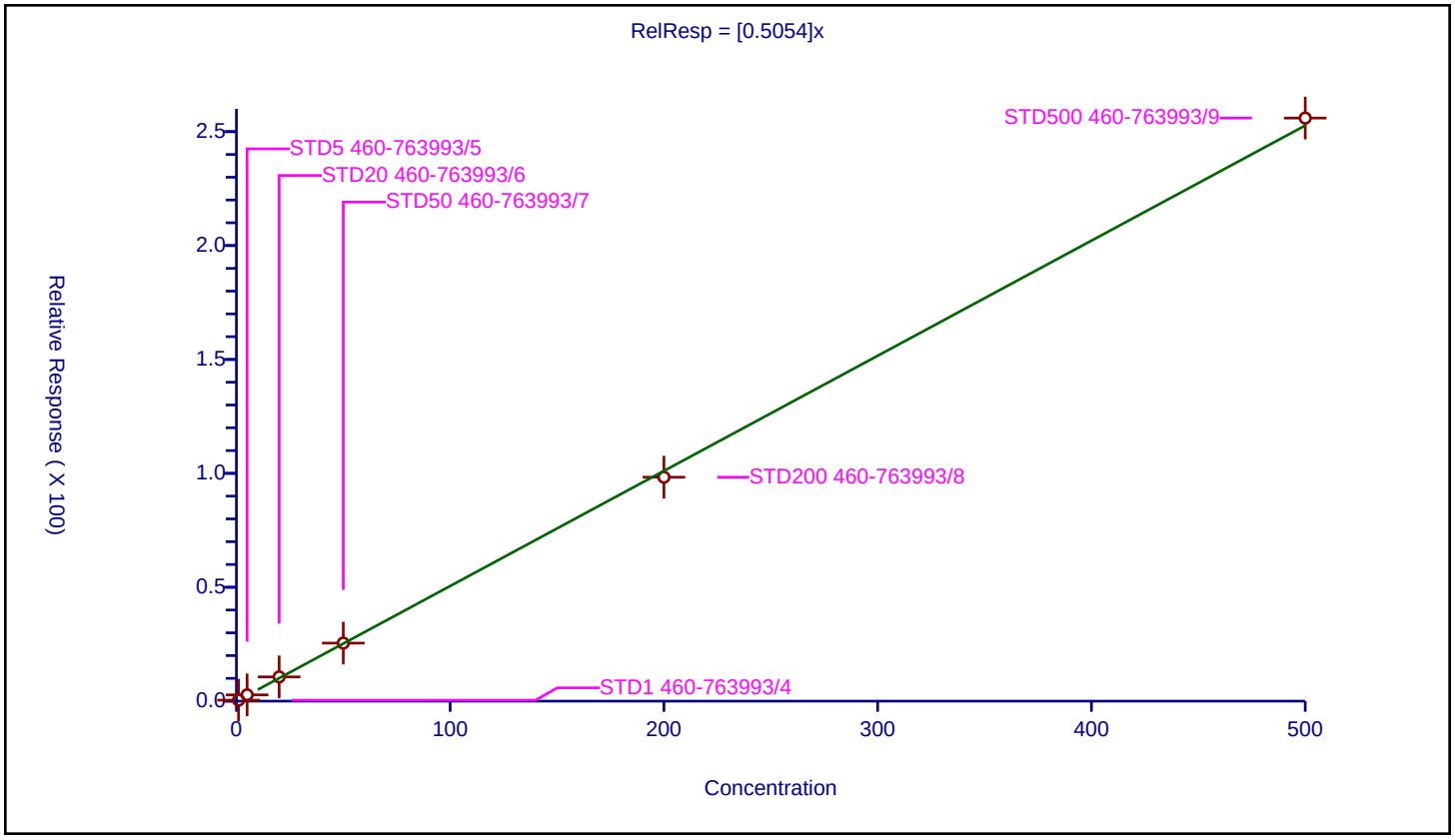
Curve Coefficients

Intercept:	0
Slope:	0.5054

Error Coefficients

Standard Error:	1930000
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.43508	50.0	554611.0	0.43508	Y
2	STD5 460-763993/5	5.0	2.760648	50.0	607466.0	0.55213	Y
3	STD20 460-763993/6	20.0	10.640734	50.0	582145.0	0.532037	Y
4	STD50 460-763993/7	50.0	25.484532	50.0	642011.0	0.509691	Y
5	STD200 460-763993/8	200.0	98.302364	50.0	715377.0	0.491512	Y
6	STD500 460-763993/9	500.0	255.962878	50.0	795002.0	0.511926	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

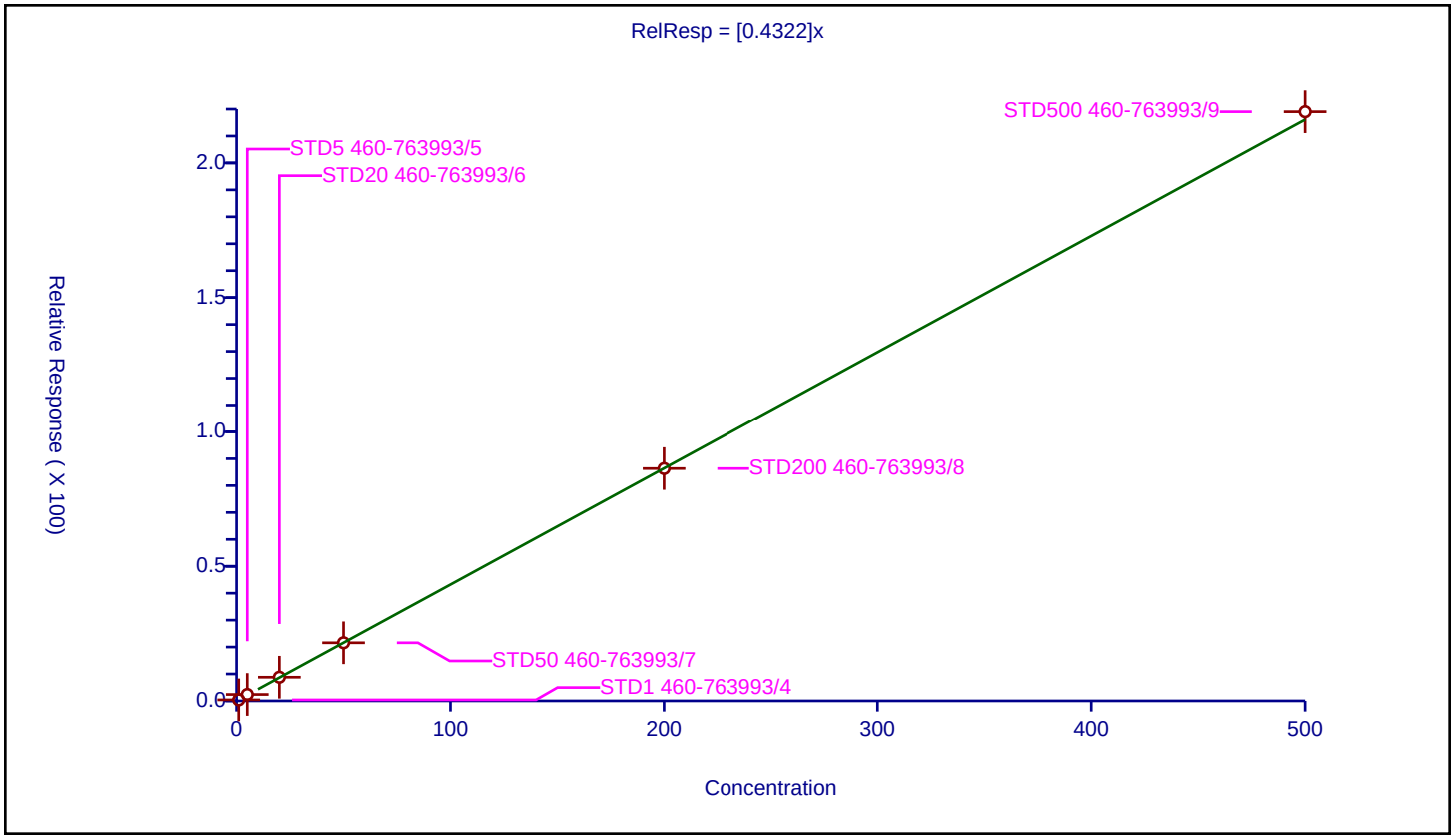
Curve Coefficients

Intercept:	0
Slope:	0.4322

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	7.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.376841	50.0	554611.0	0.376841	Y
2	STD5 460-763993/5	5.0	2.377417	50.0	607466.0	0.475483	Y
3	STD20 460-763993/6	20.0	8.790765	50.0	582145.0	0.439538	Y
4	STD50 460-763993/7	50.0	21.584132	50.0	642011.0	0.431683	Y
5	STD200 460-763993/8	200.0	86.357263	50.0	715377.0	0.431786	Y
6	STD500 460-763993/9	500.0	219.029072	50.0	795002.0	0.438058	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

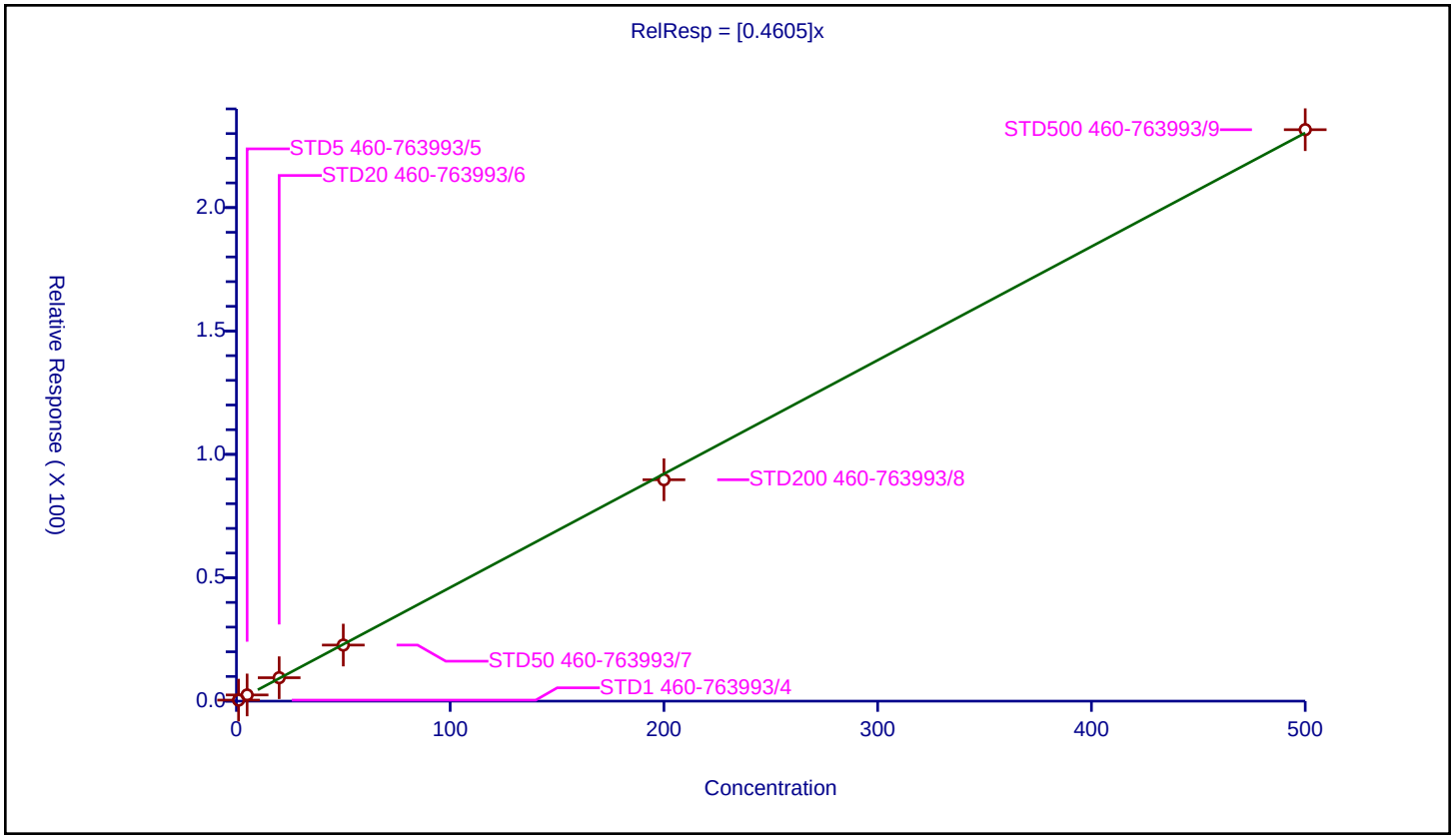
Curve Coefficients

Intercept:	0
Slope:	0.4605

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.420204	50.0	554611.0	0.420204	Y
2	STD5 460-763993/5	5.0	2.50977	50.0	607466.0	0.501954	Y
3	STD20 460-763993/6	20.0	9.492652	50.0	582145.0	0.474633	Y
4	STD50 460-763993/7	50.0	22.729128	50.0	642011.0	0.454583	Y
5	STD200 460-763993/8	200.0	89.715353	50.0	715377.0	0.448577	Y
6	STD500 460-763993/9	500.0	231.572625	50.0	795002.0	0.463145	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

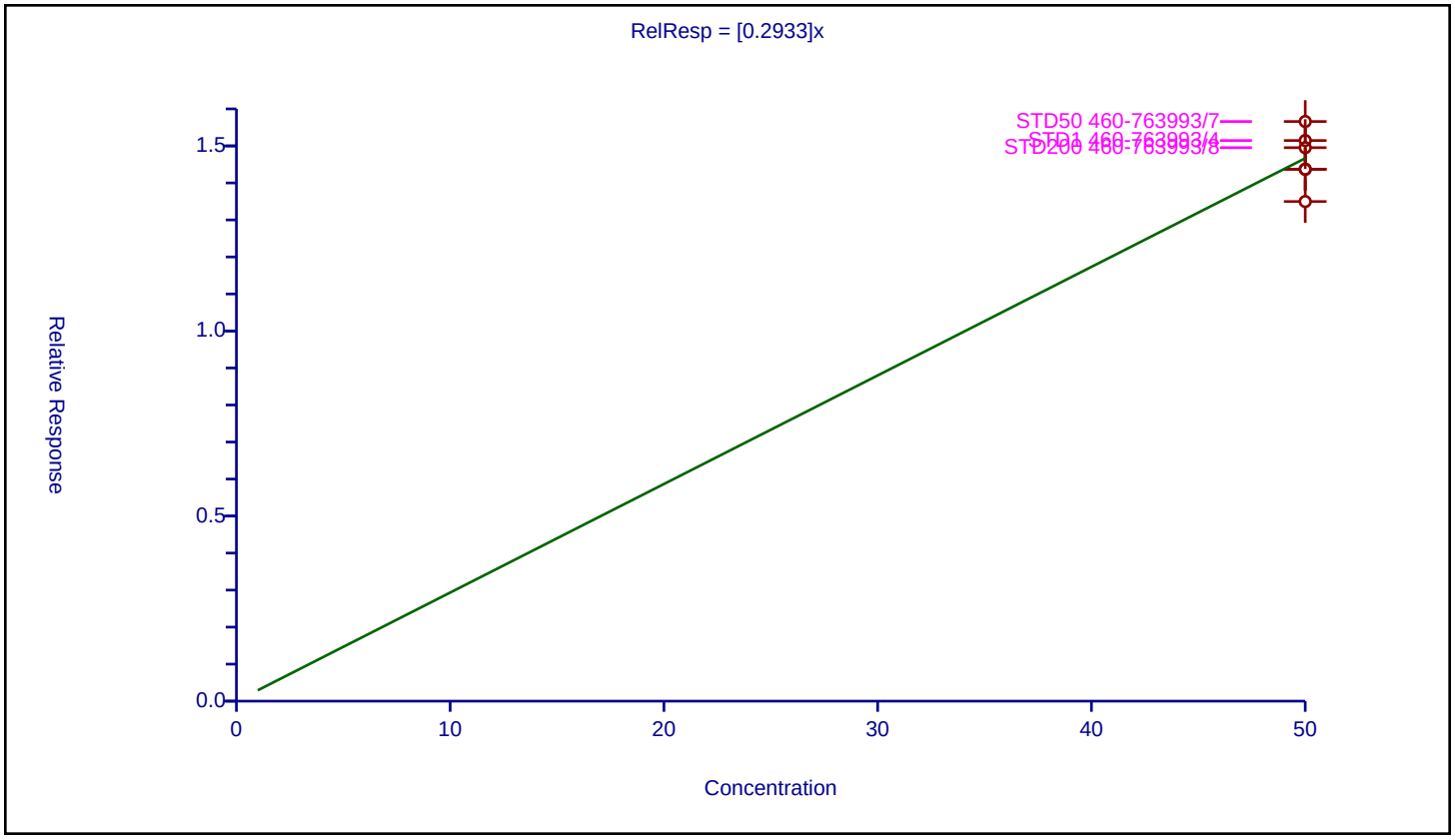
Curve Coefficients

Intercept:	0
Slope:	0.2933

Error Coefficients

Standard Error:	209000
Relative Standard Error:	5.1
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	50.0	15.14548	50.0	554611.0	0.30291	Y
2	STD5 460-763993/5	50.0	14.371175	50.0	607466.0	0.287423	Y
3	STD20 460-763993/6	50.0	14.366438	50.0	582145.0	0.287329	Y
4	STD50 460-763993/7	50.0	15.65861	50.0	642011.0	0.313172	Y
5	STD200 460-763993/8	50.0	14.952186	50.0	715377.0	0.299044	Y
6	STD500 460-763993/9	50.0	13.497199	50.0	795002.0	0.269944	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

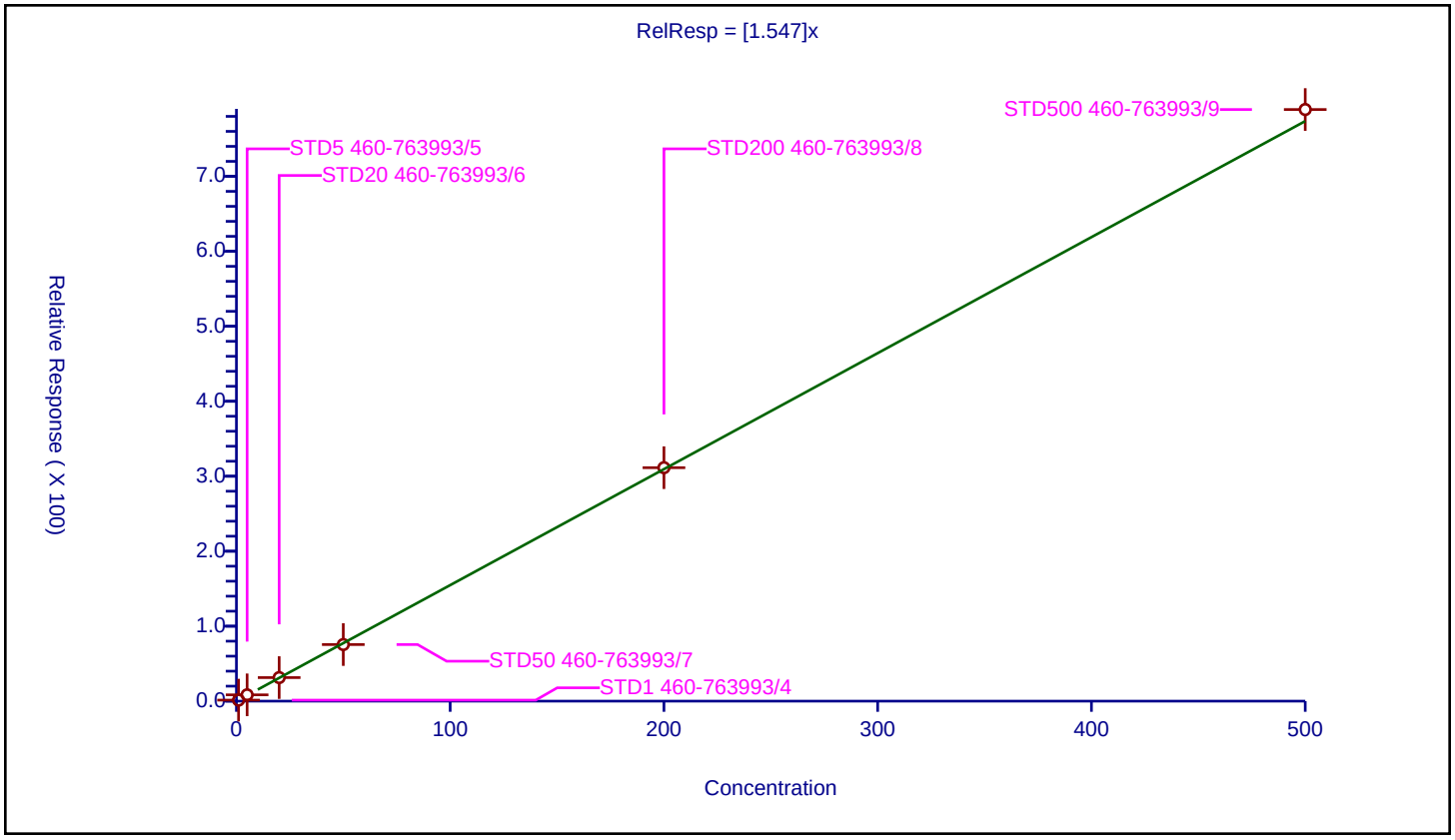
Curve Coefficients

Intercept:	0
Slope:	1.547

Error Coefficients

Standard Error:	4630000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.384139	50.0	451183.0	1.384139	Y
2	STD5 460-763993/5	5.0	8.418887	50.0	465792.0	1.683777	Y
3	STD20 460-763993/6	20.0	31.415	50.0	466438.0	1.57075	Y
4	STD50 460-763993/7	50.0	75.490189	50.0	518780.0	1.509804	Y
5	STD200 460-763993/8	200.0	311.401531	50.0	553873.0	1.557008	Y
6	STD500 460-763993/9	500.0	789.156642	50.0	616903.0	1.578313	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

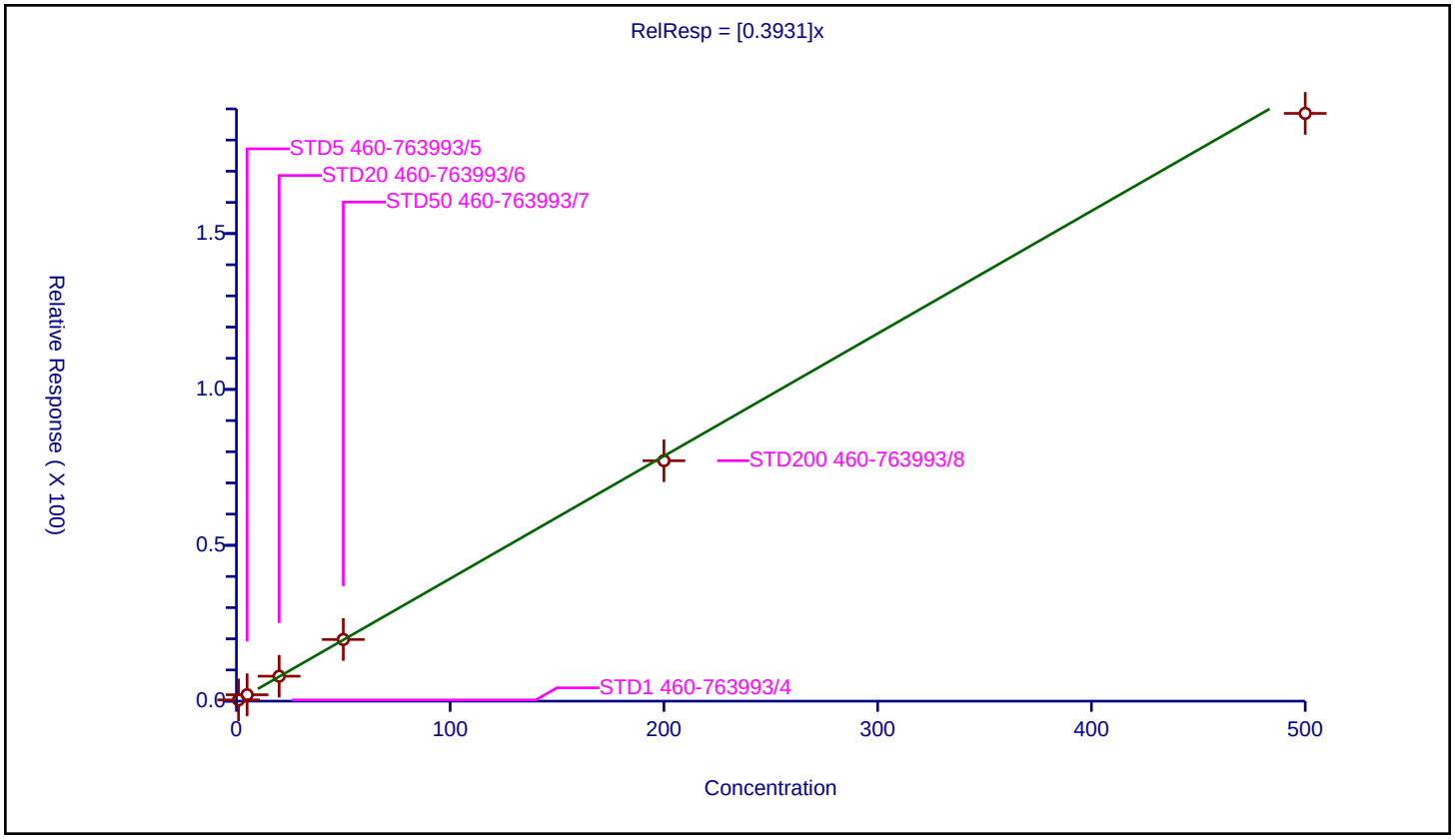
Curve Coefficients

Intercept:	0
Slope:	0.3931

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.389372	50.0	554611.0	0.389372	Y
2	STD5 460-763993/5	5.0	2.05386	50.0	607466.0	0.410772	Y
3	STD20 460-763993/6	20.0	8.001271	50.0	582145.0	0.400064	Y
4	STD50 460-763993/7	50.0	19.77801	50.0	642011.0	0.39556	Y
5	STD200 460-763993/8	200.0	77.137999	50.0	715377.0	0.38569	Y
6	STD500 460-763993/9	500.0	188.551916	50.0	795002.0	0.377104	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

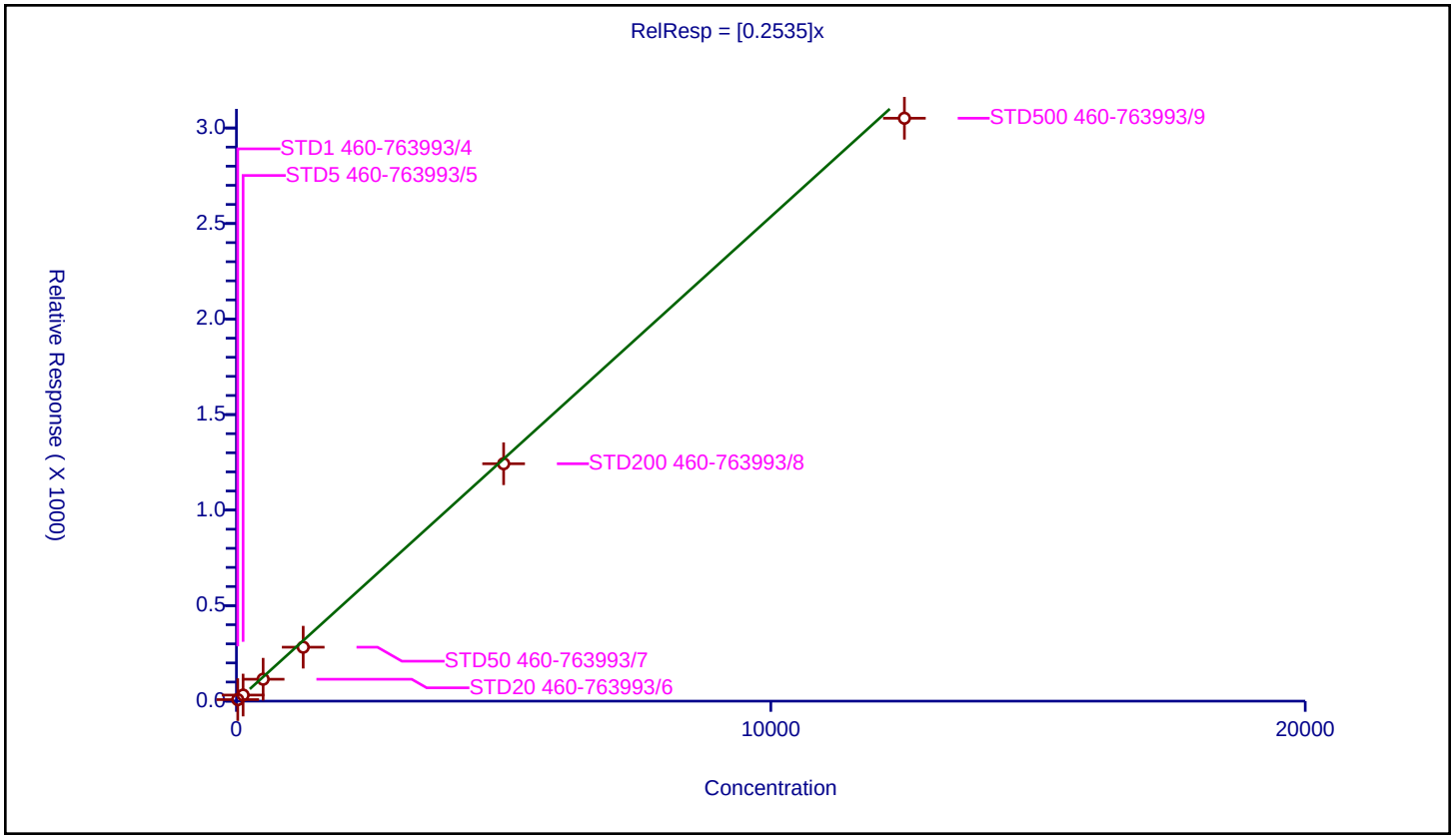
Curve Coefficients

Intercept:	0
Slope:	0.2535

Error Coefficients

Standard Error:	408000
Relative Standard Error:	13.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	25.0	7.95215	1000.0	261816.0	0.318086	Y
2	STD5 460-763993/5	125.0	31.92025	1000.0	248275.0	0.255362	Y
3	STD20 460-763993/6	500.0	114.665891	1000.0	230269.0	0.229332	Y
4	STD50 460-763993/7	1250.0	282.351573	1000.0	292281.0	0.225881	Y
5	STD200 460-763993/8	5000.0	1242.682039	1000.0	272002.0	0.248536	Y
6	STD500 460-763993/9	12500.0	3051.130316	1000.0	277135.0	0.24409	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

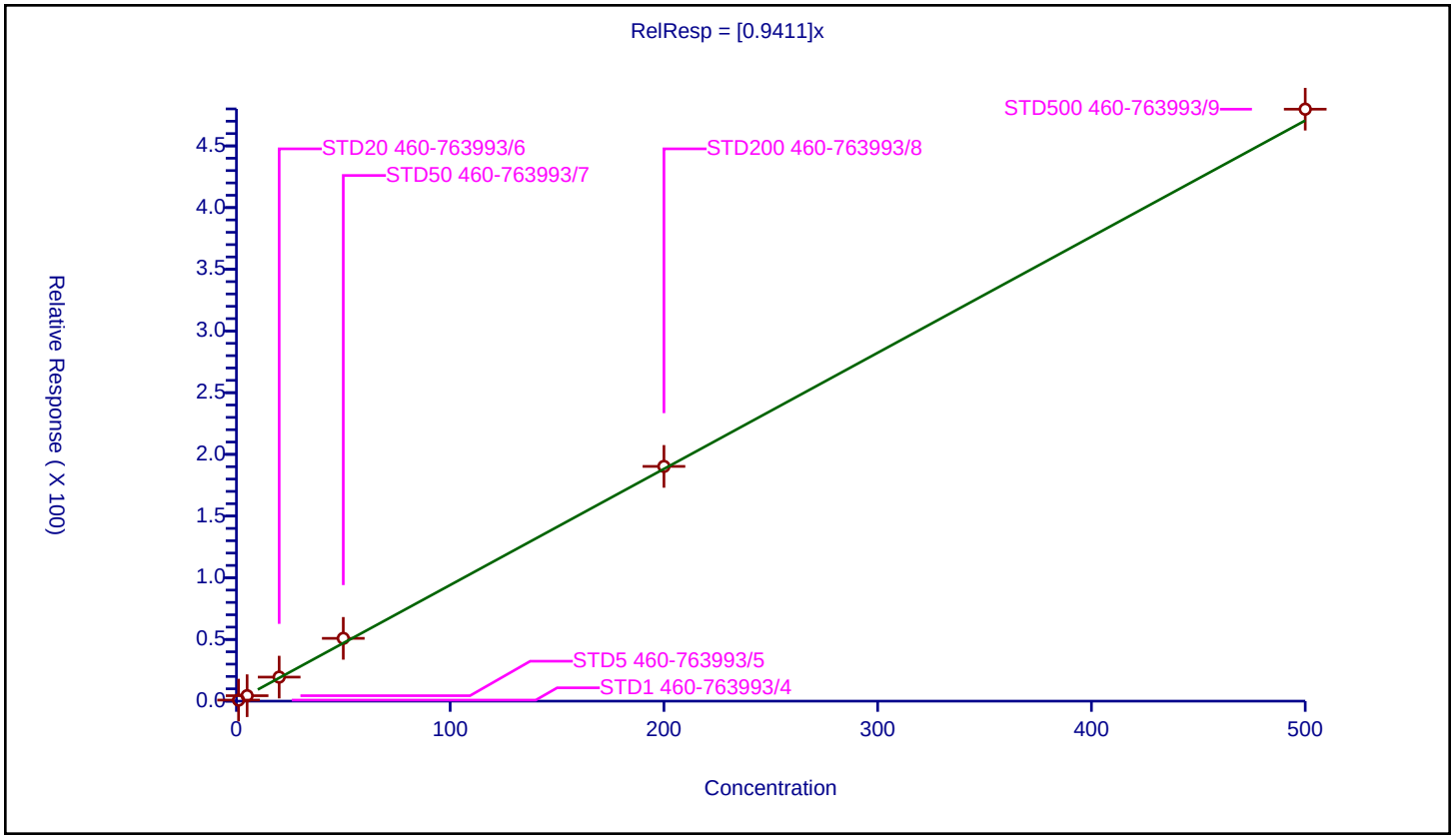
Curve Coefficients

Intercept:	0
Slope:	0.9411

Error Coefficients

Standard Error:	3640000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.863218	50.0	554611.0	0.863218	Y
2	STD5 460-763993/5	5.0	4.403621	50.0	607466.0	0.880724	Y
3	STD20 460-763993/6	20.0	19.484063	50.0	582145.0	0.974203	Y
4	STD50 460-763993/7	50.0	50.888692	50.0	642011.0	1.017774	Y
5	STD200 460-763993/8	200.0	190.255767	50.0	715377.0	0.951279	Y
6	STD500 460-763993/9	500.0	479.771183	50.0	795002.0	0.959542	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

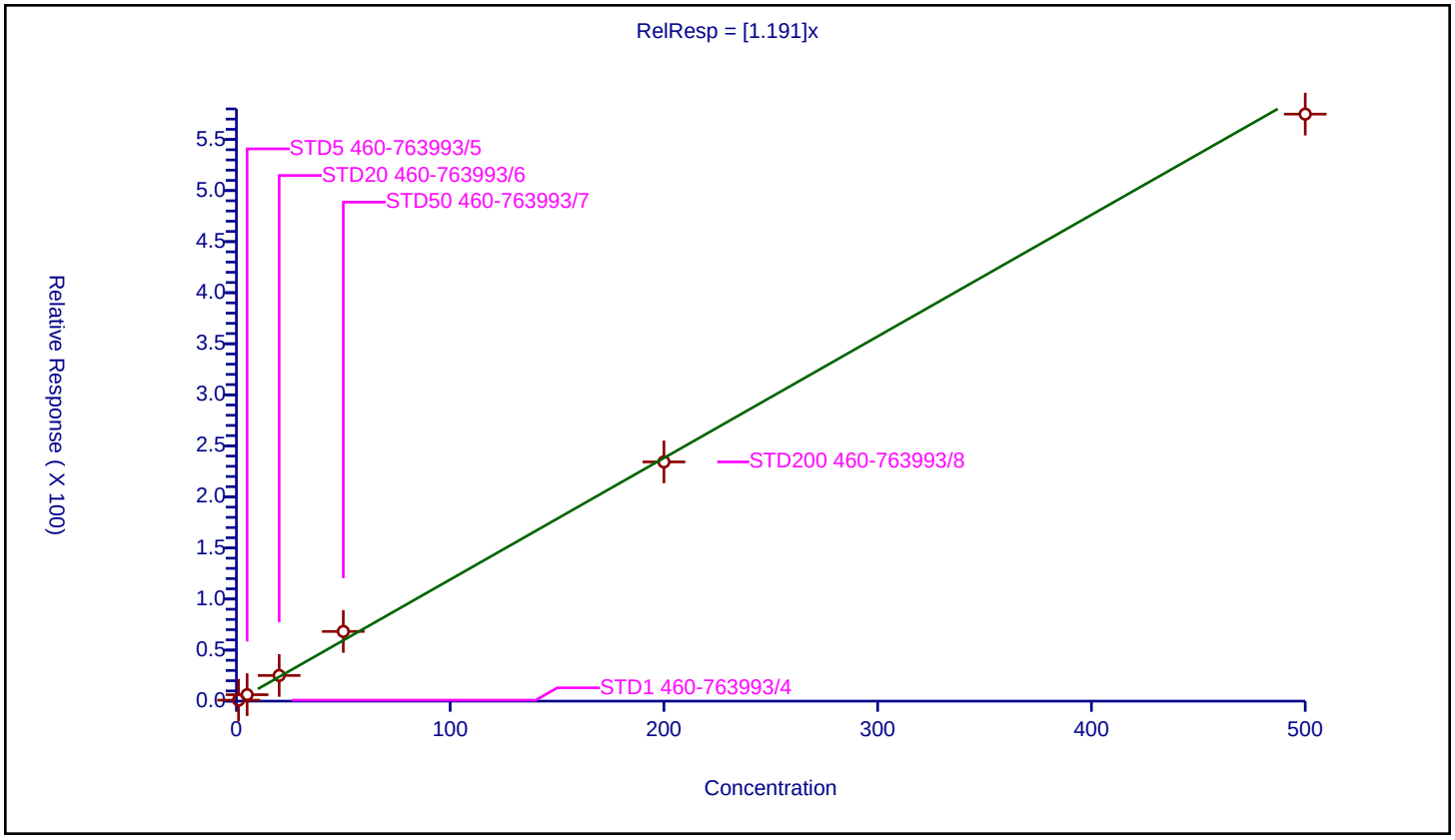
Curve Coefficients

Intercept:	0
Slope:	1.191

Error Coefficients

Standard Error:	4370000
Relative Standard Error:	12.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.939127	50.0	554611.0	0.939127	Y
2	STD5 460-763993/5	5.0	6.31023	50.0	607466.0	1.262046	Y
3	STD20 460-763993/6	20.0	25.125957	50.0	582145.0	1.256298	Y
4	STD50 460-763993/7	50.0	68.236526	50.0	642011.0	1.364731	Y
5	STD200 460-763993/8	200.0	234.299817	50.0	715377.0	1.171499	Y
6	STD500 460-763993/9	500.0	574.886415	50.0	795002.0	1.149773	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

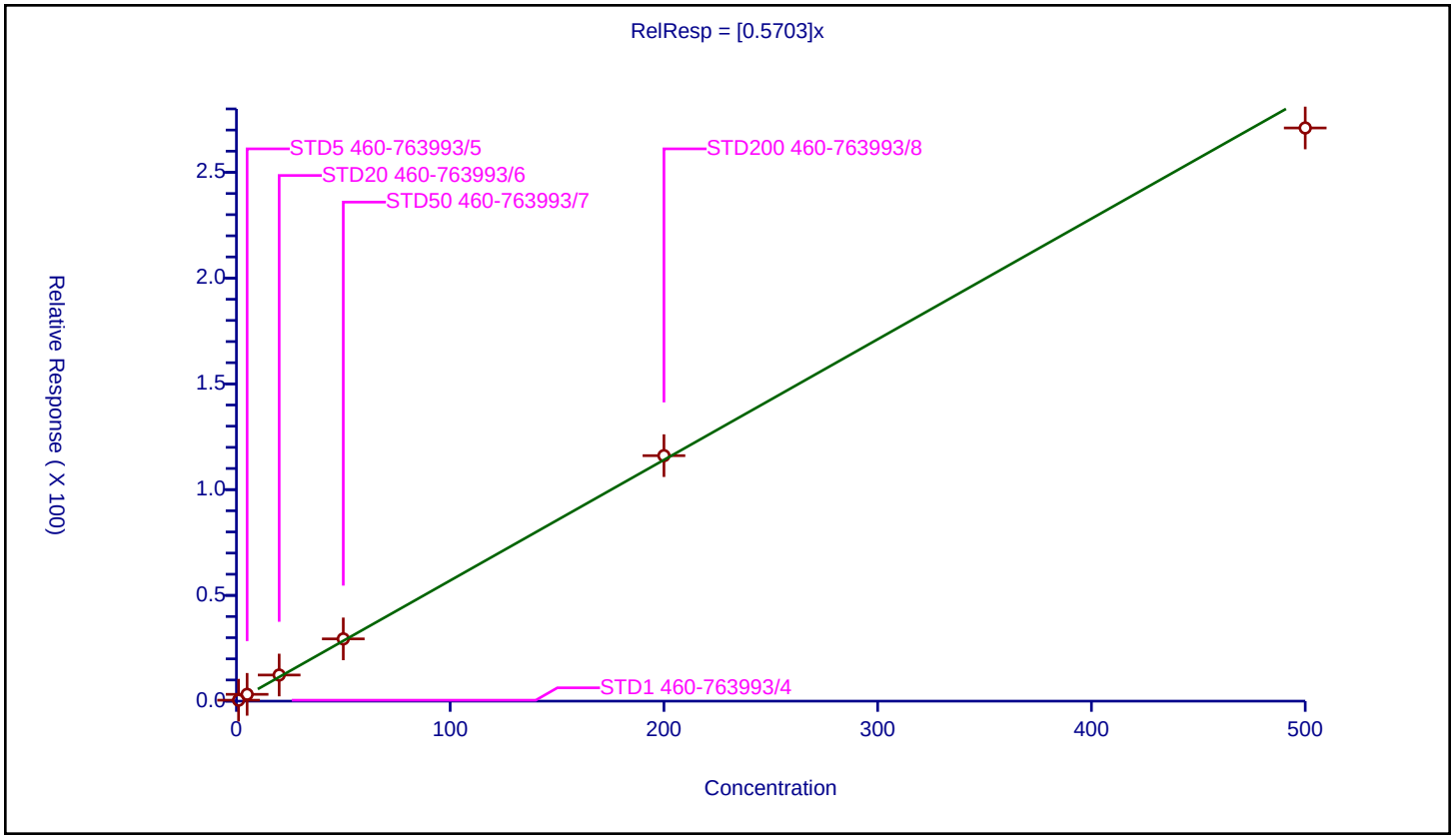
Curve Coefficients

Intercept:	0
Slope:	0.5703

Error Coefficients

Standard Error:	2070000
Relative Standard Error:	12.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.448693	50.0	554611.0	0.448693	Y
2	STD5 460-763993/5	5.0	3.221744	50.0	607466.0	0.644349	Y
3	STD20 460-763993/6	20.0	12.350703	50.0	582145.0	0.617535	Y
4	STD50 460-763993/7	50.0	29.43353	50.0	642011.0	0.588671	Y
5	STD200 460-763993/8	200.0	116.063348	50.0	715377.0	0.580317	Y
6	STD500 460-763993/9	500.0	270.97957	50.0	795002.0	0.541959	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

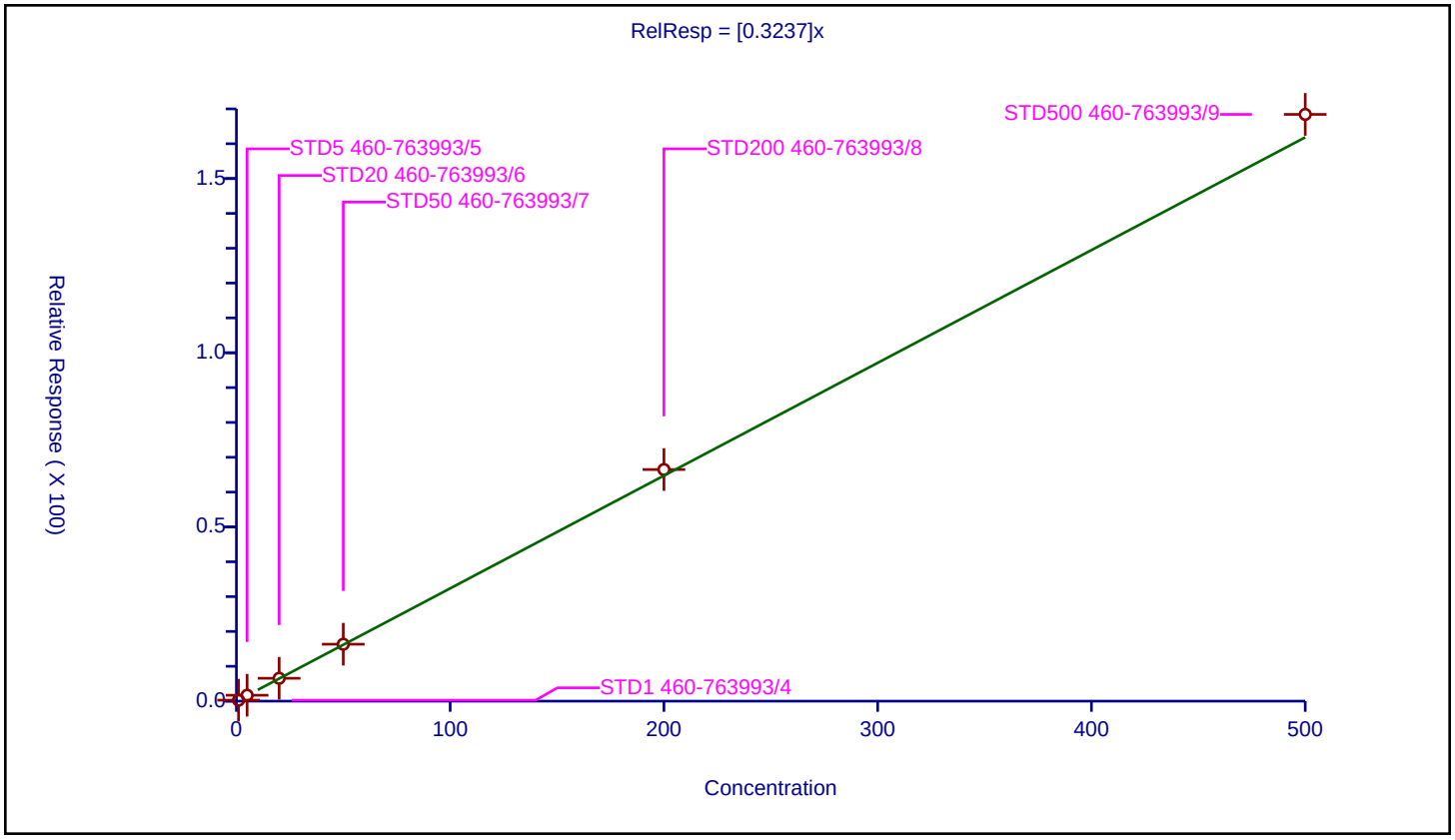
Curve Coefficients

Intercept:	0
Slope:	0.3237

Error Coefficients

Standard Error:	1270000
Relative Standard Error:	6.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.279655	50.0	554611.0	0.279655	Y
2	STD5 460-763993/5	5.0	1.690053	50.0	607466.0	0.338011	Y
3	STD20 460-763993/6	20.0	6.566749	50.0	582145.0	0.328337	Y
4	STD50 460-763993/7	50.0	16.338895	50.0	642011.0	0.326778	Y
5	STD200 460-763993/8	200.0	66.478584	50.0	715377.0	0.332393	Y
6	STD500 460-763993/9	500.0	168.414608	50.0	795002.0	0.336829	Y



Calibration / n-Butanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

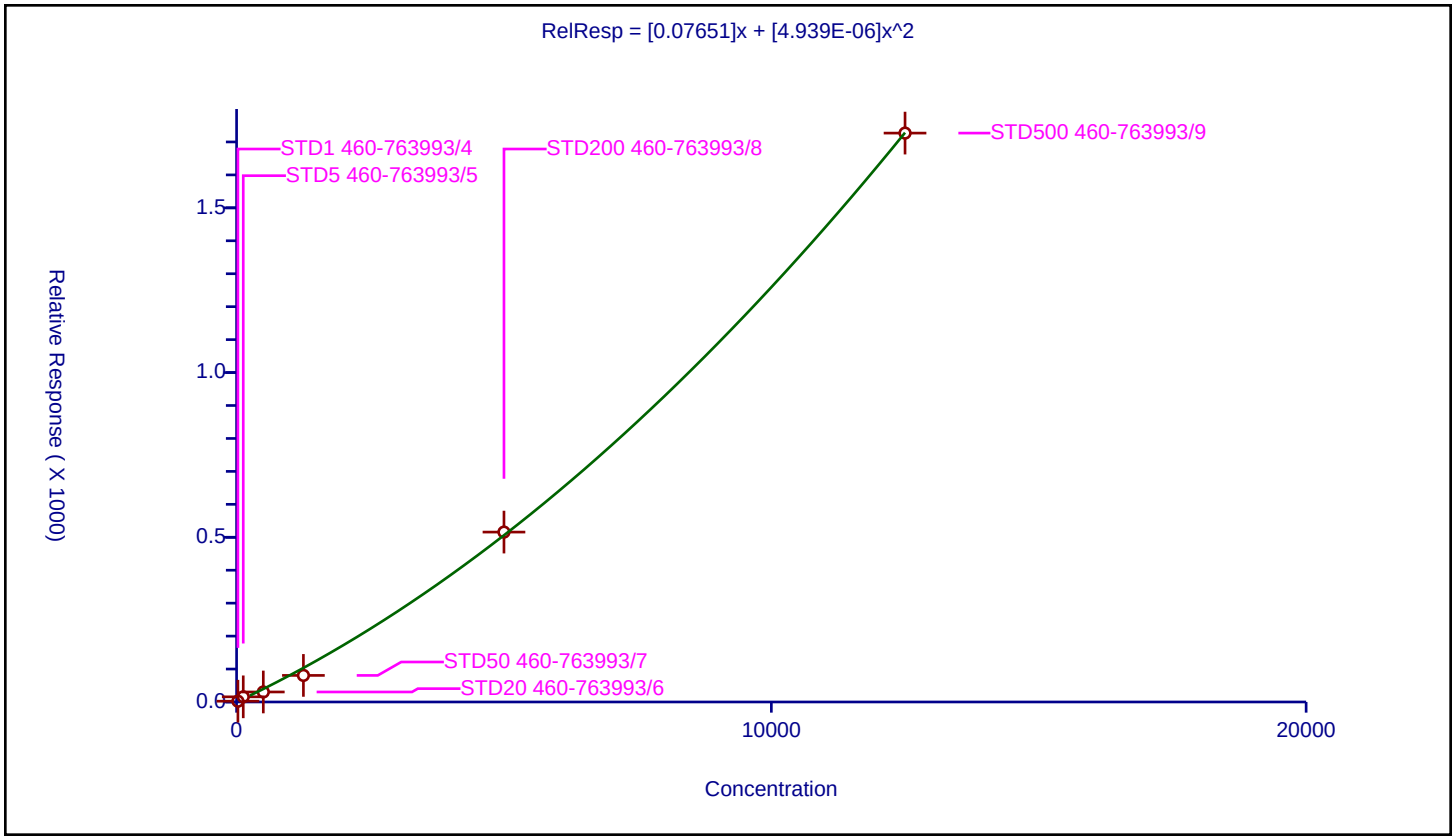
Curve Coefficients

Intercept:	0
Slope:	0.07651
Second Order:	4.939E-06

Error Coefficients

Standard Error:	249000
Relative Standard Error:	36.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	25.0	2.383353	1000.0	261816.0	0.095334	Y
2	STD5 460-763993/5	125.0	15.676166	1000.0	248275.0	0.125409	Y
3	STD20 460-763993/6	500.0	30.390543	1000.0	230269.0	0.060781	Y
4	STD50 460-763993/7	1250.0	80.627889	1000.0	292281.0	0.064502	Y
5	STD200 460-763993/8	5000.0	515.779296	1000.0	272002.0	0.103156	Y
6	STD500 460-763993/9	12500.0	1726.88401	1000.0	277135.0	0.138151	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

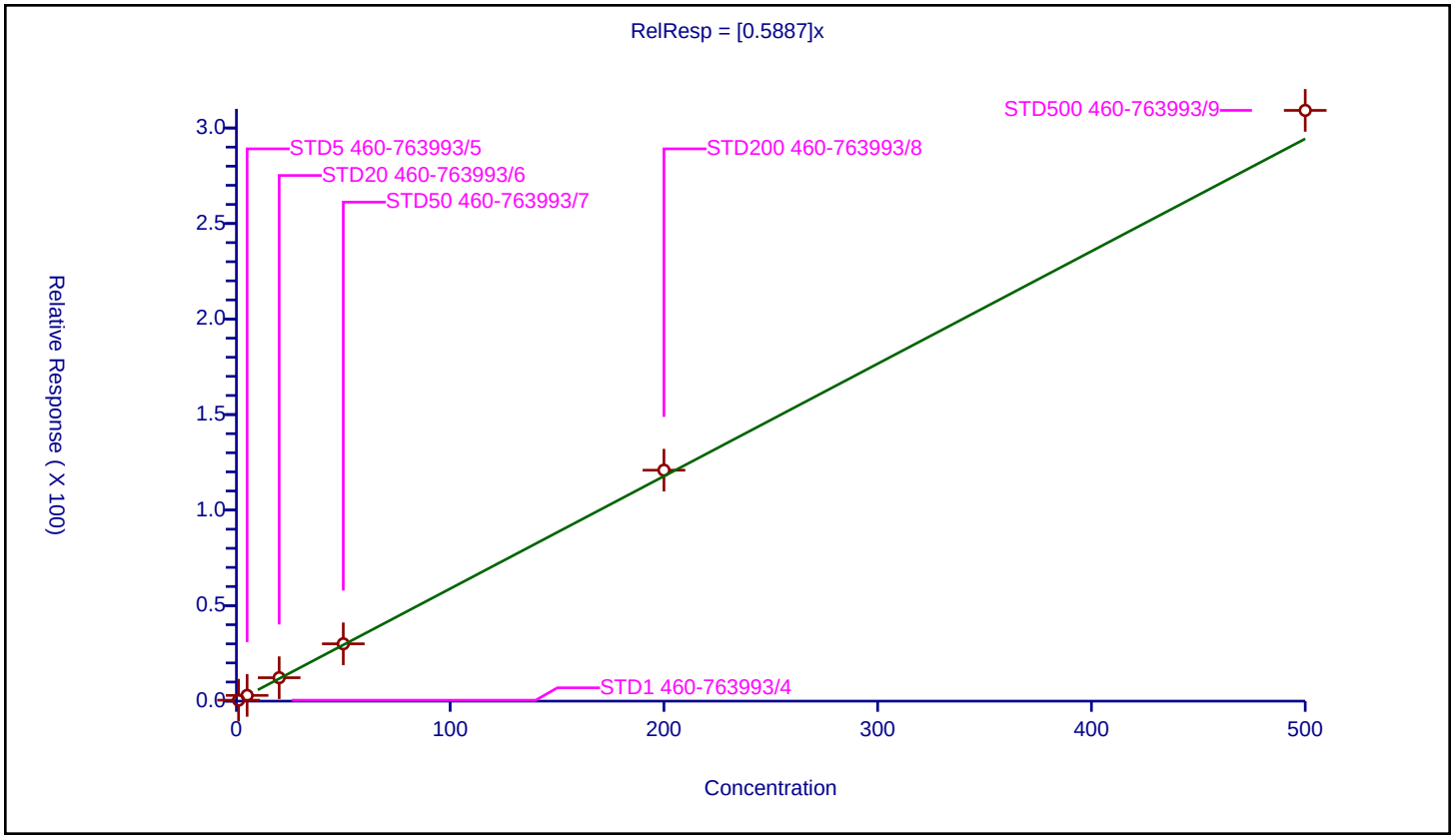
Curve Coefficients

Intercept:	0
Slope:	0.5887

Error Coefficients

Standard Error:	2340000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.494671	50.0	554611.0	0.494671	Y
2	STD5 460-763993/5	5.0	3.006259	50.0	607466.0	0.601252	Y
3	STD20 460-763993/6	20.0	12.264298	50.0	582145.0	0.613215	Y
4	STD50 460-763993/7	50.0	30.005405	50.0	642011.0	0.600108	Y
5	STD200 460-763993/8	200.0	120.89311	50.0	715377.0	0.604466	Y
6	STD500 460-763993/9	500.0	309.217084	50.0	795002.0	0.618434	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

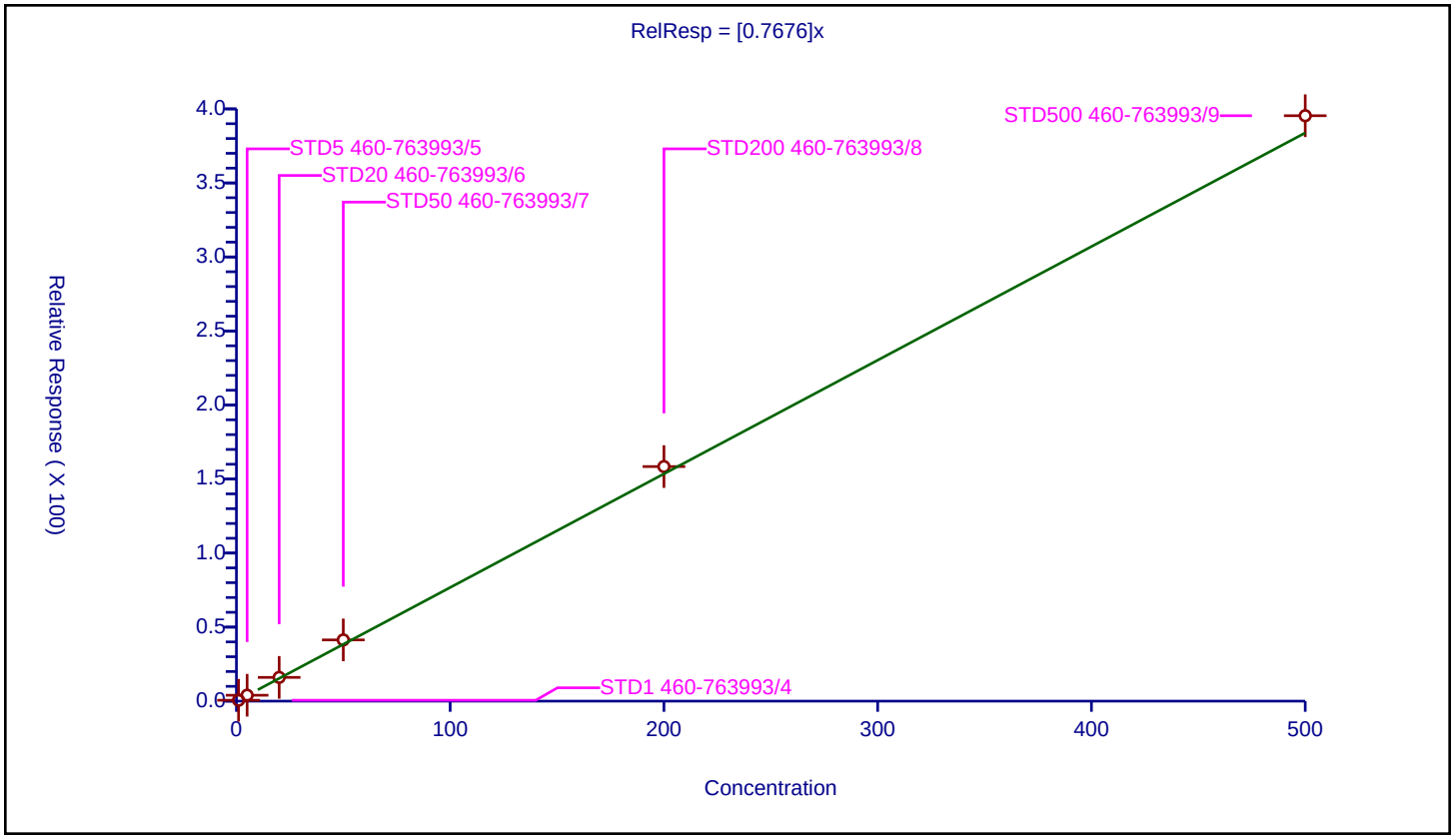
Curve Coefficients

Intercept:	0
Slope:	0.7676

Error Coefficients

Standard Error:	3000000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.595372	50.0	554611.0	0.595372	Y
2	STD5 460-763993/5	5.0	3.991993	50.0	607466.0	0.798399	Y
3	STD20 460-763993/6	20.0	16.033548	50.0	582145.0	0.801677	Y
4	STD50 460-763993/7	50.0	41.350382	50.0	642011.0	0.827008	Y
5	STD200 460-763993/8	200.0	158.438627	50.0	715377.0	0.792193	Y
6	STD500 460-763993/9	500.0	395.392716	50.0	795002.0	0.790785	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

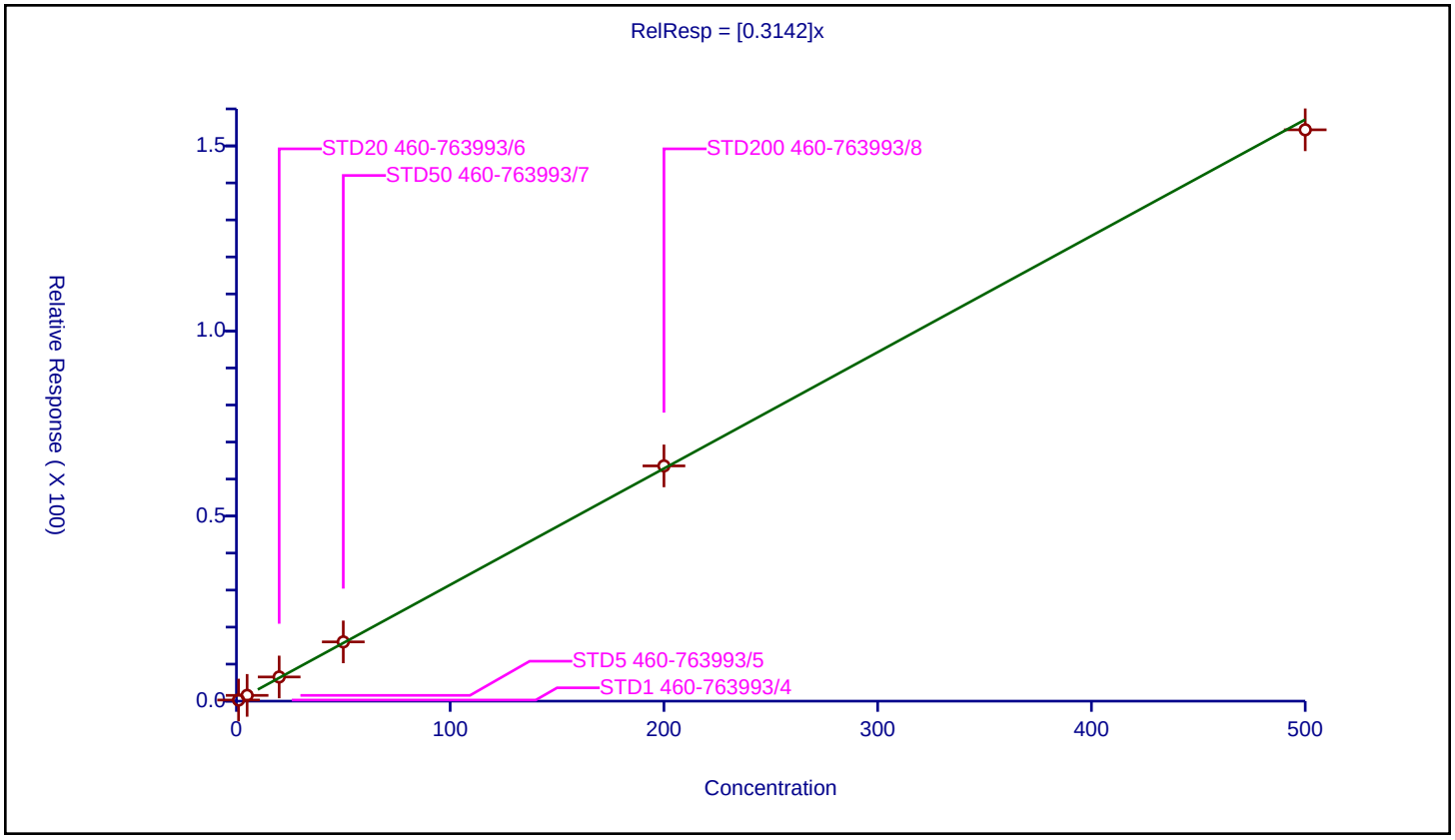
Curve Coefficients

Intercept:	0
Slope:	0.3142

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	2.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.300661	50.0	554611.0	0.300661	Y
2	STD5 460-763993/5	5.0	1.558359	50.0	607466.0	0.311672	Y
3	STD20 460-763993/6	20.0	6.530847	50.0	582145.0	0.326542	Y
4	STD50 460-763993/7	50.0	16.004866	50.0	642011.0	0.320097	Y
5	STD200 460-763993/8	200.0	63.556279	50.0	715377.0	0.317781	Y
6	STD500 460-763993/9	500.0	154.348291	50.0	795002.0	0.308697	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

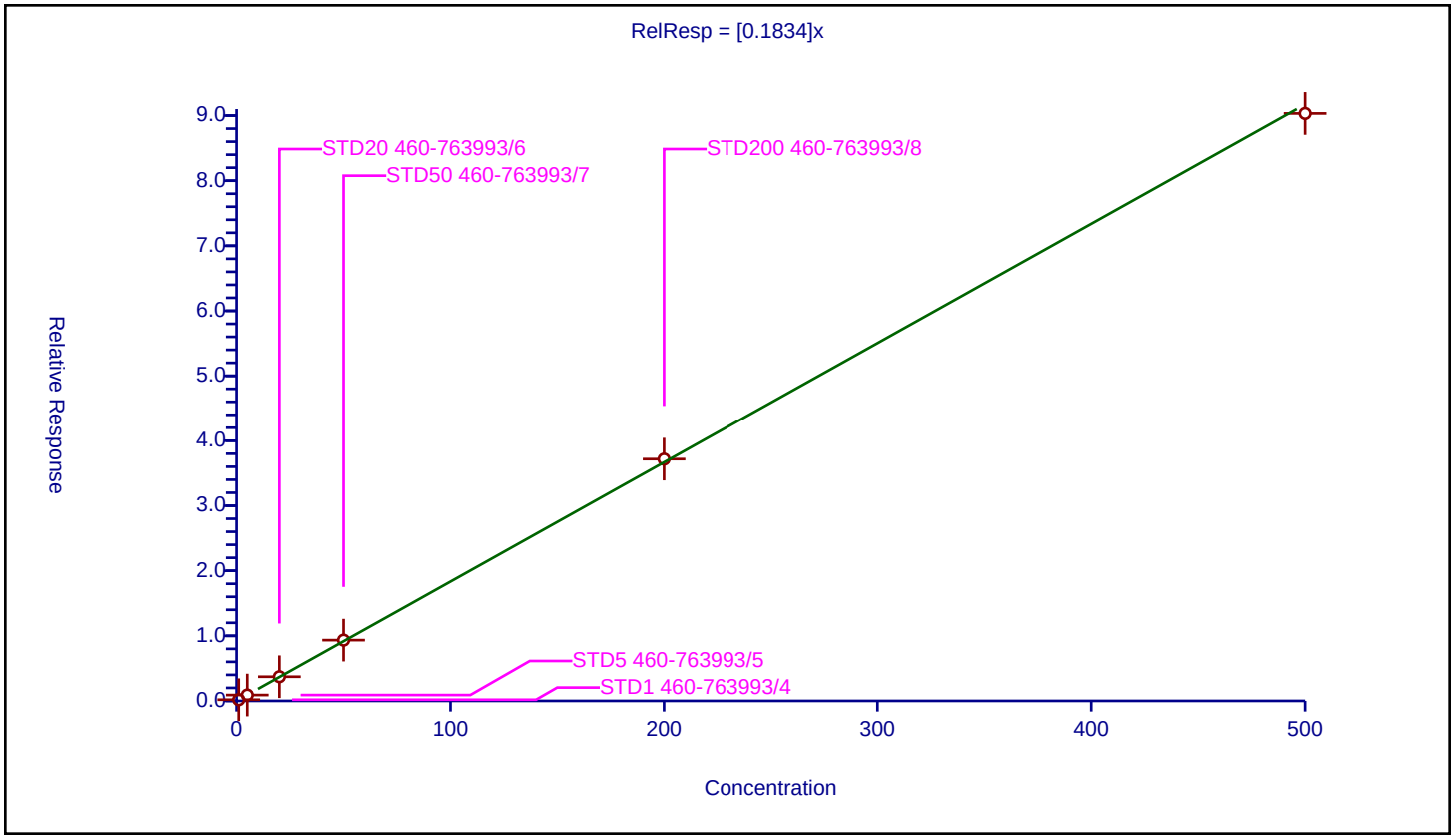
Curve Coefficients

Intercept:	0
Slope:	0.1834

Error Coefficients

Standard Error:	687000
Relative Standard Error:	1.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.180938	50.0	554611.0	0.180938	Y
2	STD5 460-763993/5	5.0	0.902849	50.0	607466.0	0.18057	Y
3	STD20 460-763993/6	20.0	3.713851	50.0	582145.0	0.185693	Y
4	STD50 460-763993/7	50.0	9.342363	50.0	642011.0	0.186847	Y
5	STD200 460-763993/8	200.0	37.17774	50.0	715377.0	0.185889	Y
6	STD500 460-763993/9	500.0	90.330842	50.0	795002.0	0.180662	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

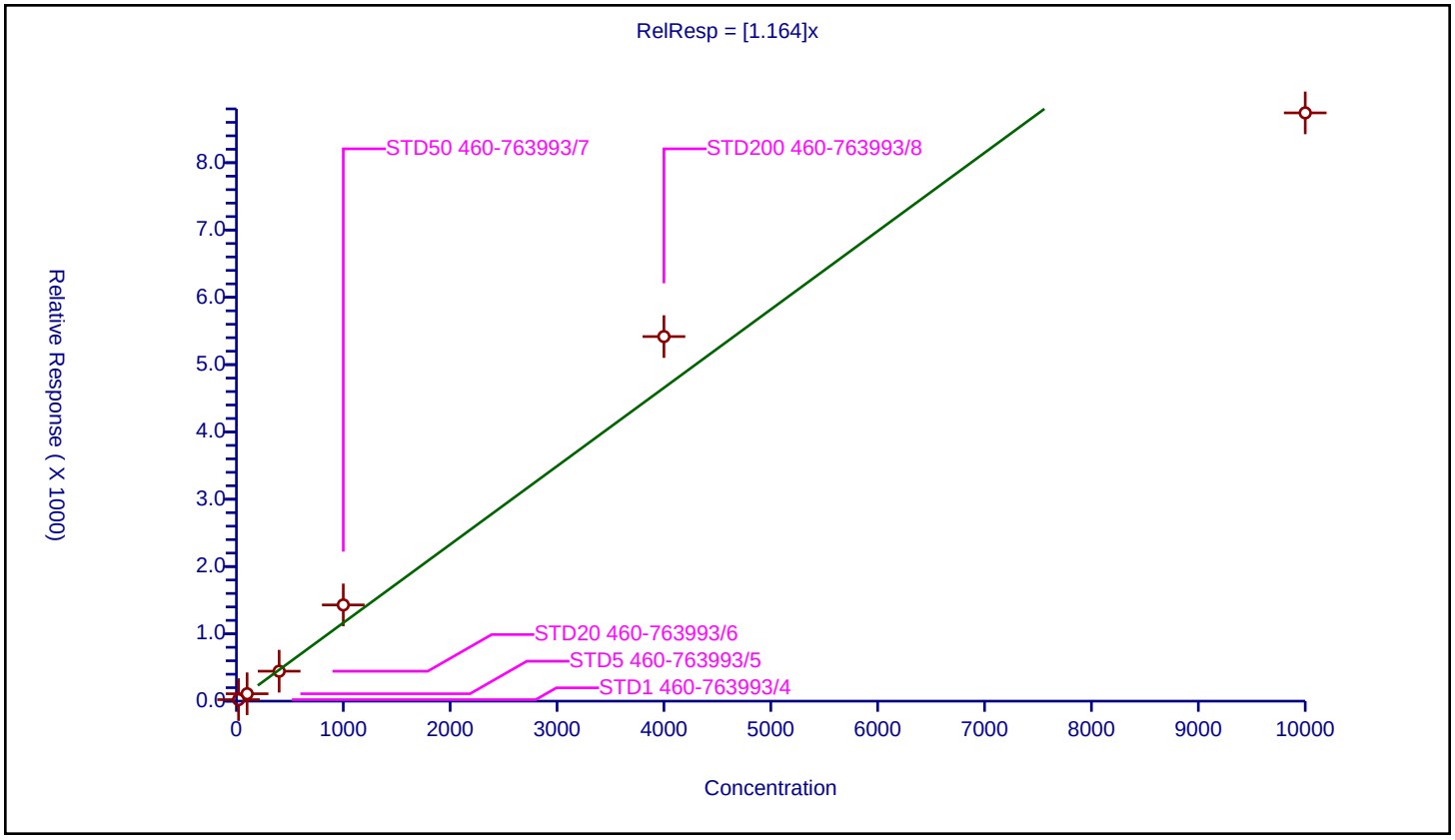
Curve Coefficients

Intercept:	0
Slope:	1.164

Error Coefficients

Standard Error:	111000
Relative Standard Error:	17.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	20.0	22.266083	1000.0	16213.0	1.113304	Y
2	STD5 460-763993/5	100.0	109.977502	1000.0	19113.0	1.099775	Y
3	STD20 460-763993/6	400.0	445.066916	1000.0	16065.0	1.112667	Y
4	STD50 460-763993/7	1000.0	1429.718089	1000.0	15324.0	1.429718	Y
5	STD200 460-763993/8	4000.0	5417.302948	1000.0	17026.0	1.354326	Y
6	STD500 460-763993/9	10000.0	8740.560118	1000.0	27887.0	0.874056	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

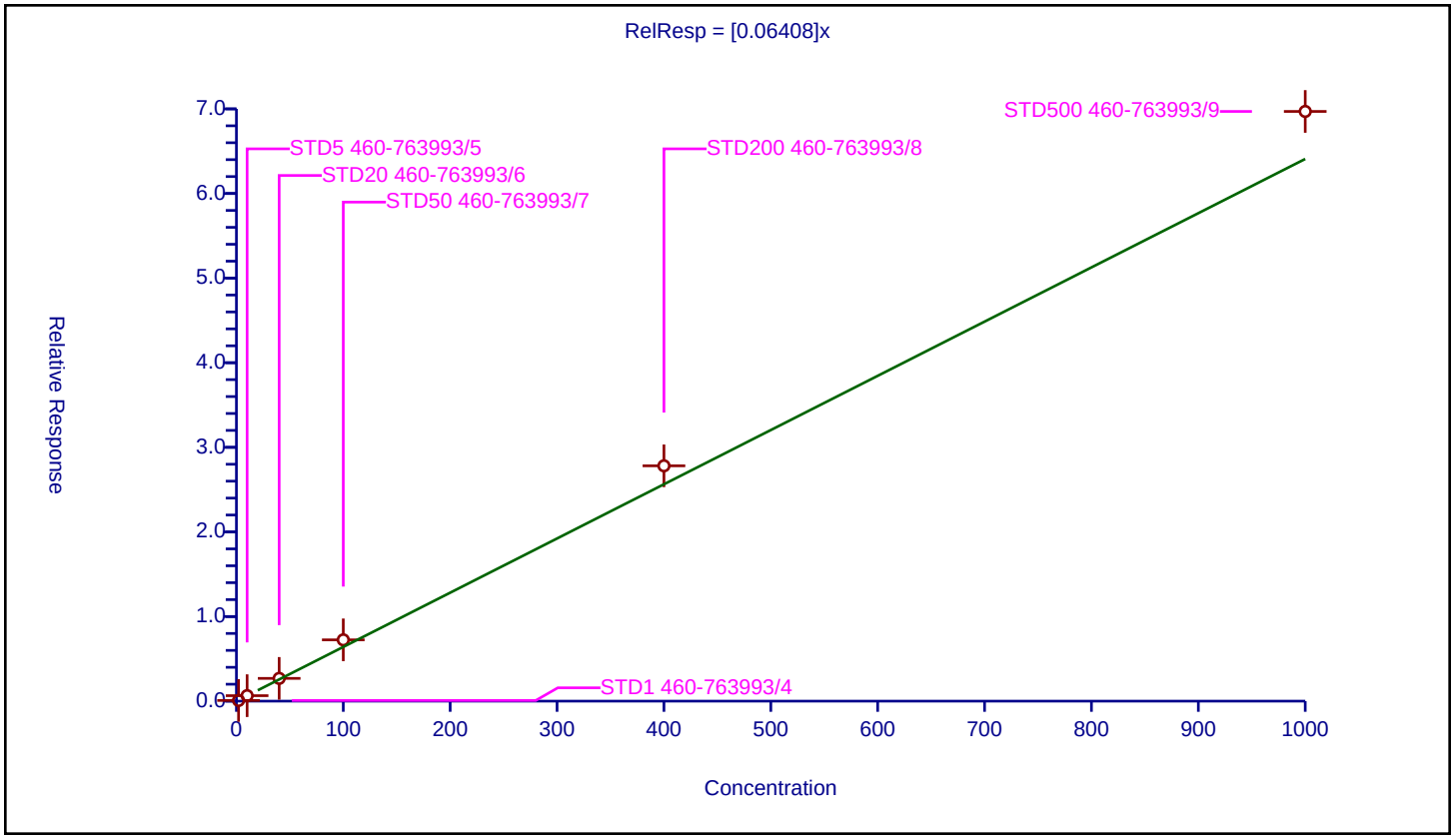
Curve Coefficients

Intercept:	0
Slope:	0.06408

Error Coefficients

Standard Error:	528000
Relative Standard Error:	18.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.081769	50.0	554611.0	0.040885	Y
2	STD5 460-763993/5	10.0	0.646538	50.0	607466.0	0.064654	Y
3	STD20 460-763993/6	40.0	2.691168	50.0	582145.0	0.067279	Y
4	STD50 460-763993/7	100.0	7.243567	50.0	642011.0	0.072436	Y
5	STD200 460-763993/8	400.0	27.814635	50.0	715377.0	0.069537	Y
6	STD500 460-763993/9	1000.0	69.698189	50.0	795002.0	0.069698	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

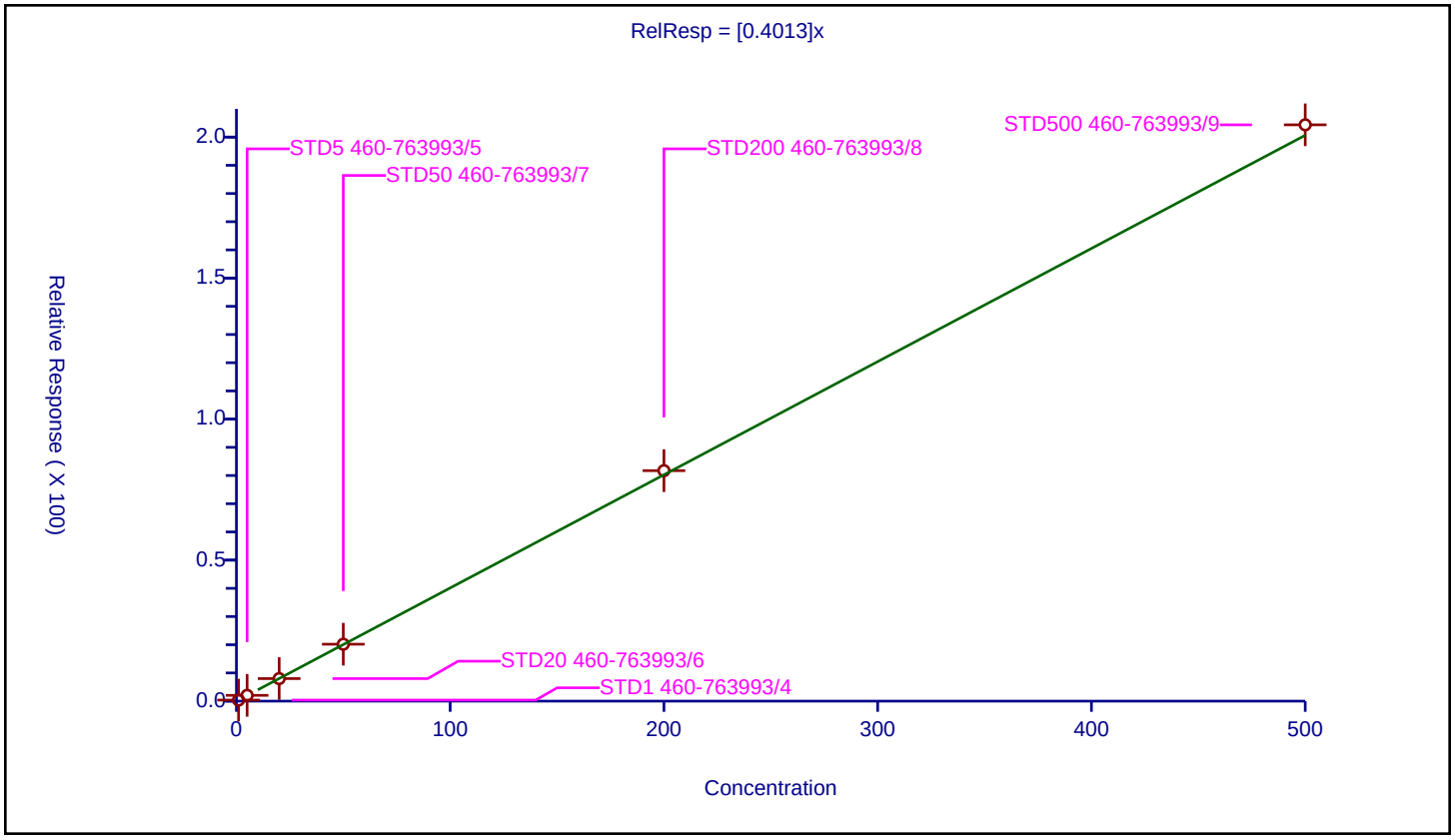
Curve Coefficients

Intercept:	0
Slope:	0.4013

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	3.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.375849	50.0	554611.0	0.375849	Y
2	STD5 460-763993/5	5.0	2.055259	50.0	607466.0	0.411052	Y
3	STD20 460-763993/6	20.0	7.993627	50.0	582145.0	0.399681	Y
4	STD50 460-763993/7	50.0	20.187894	50.0	642011.0	0.403758	Y
5	STD200 460-763993/8	200.0	81.736763	50.0	715377.0	0.408684	Y
6	STD500 460-763993/9	500.0	204.351498	50.0	795002.0	0.408703	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

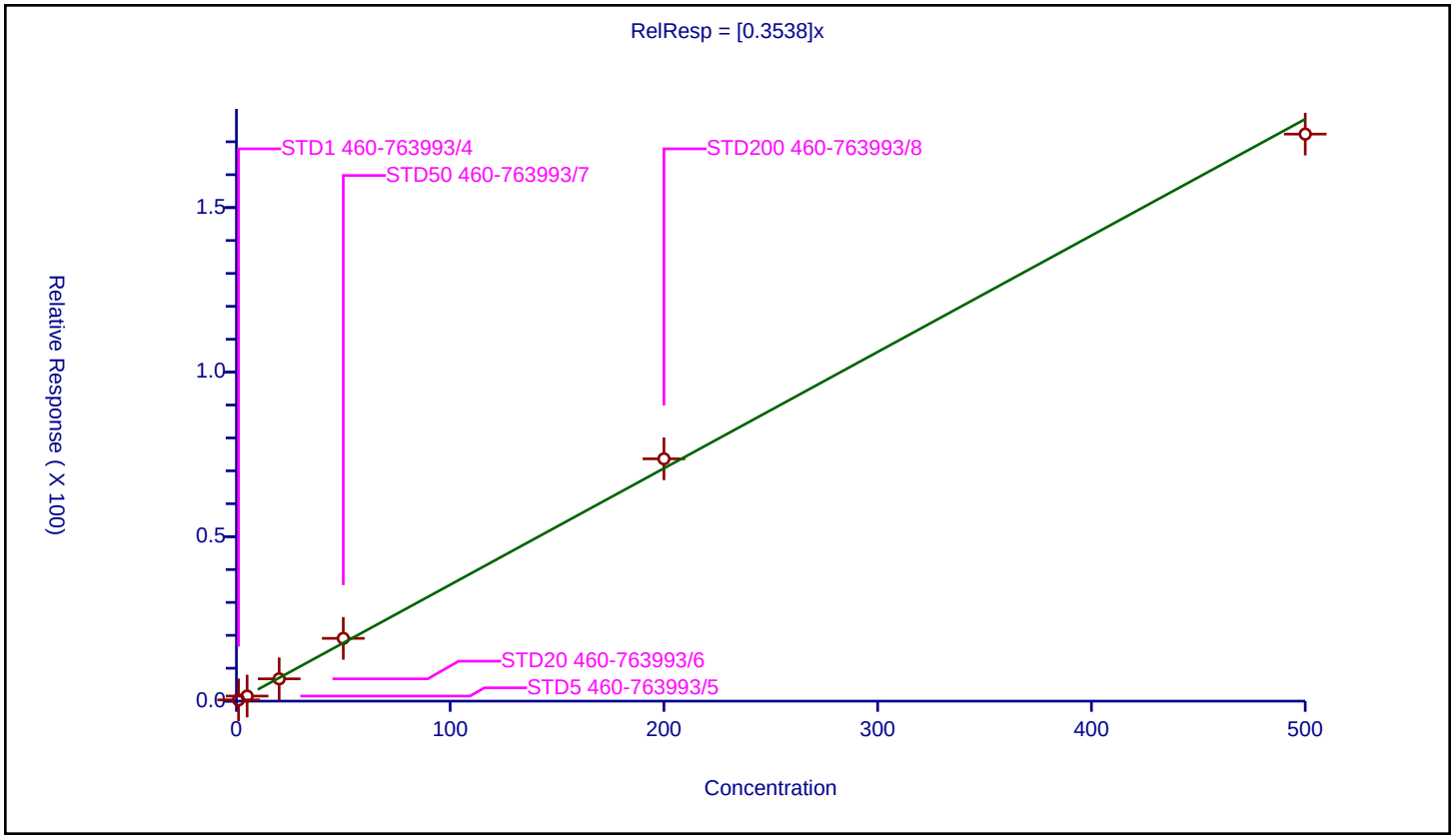
Curve Coefficients

Intercept:	0
Slope:	0.3538

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.380267	50.0	554611.0	0.380267	Y
2	STD5 460-763993/5	5.0	1.545189	50.0	607466.0	0.309038	Y
3	STD20 460-763993/6	20.0	6.776147	50.0	582145.0	0.338807	Y
4	STD50 460-763993/7	50.0	19.082928	50.0	642011.0	0.381659	Y
5	STD200 460-763993/8	200.0	73.648929	50.0	715377.0	0.368245	Y
6	STD500 460-763993/9	500.0	172.34334	50.0	795002.0	0.344687	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

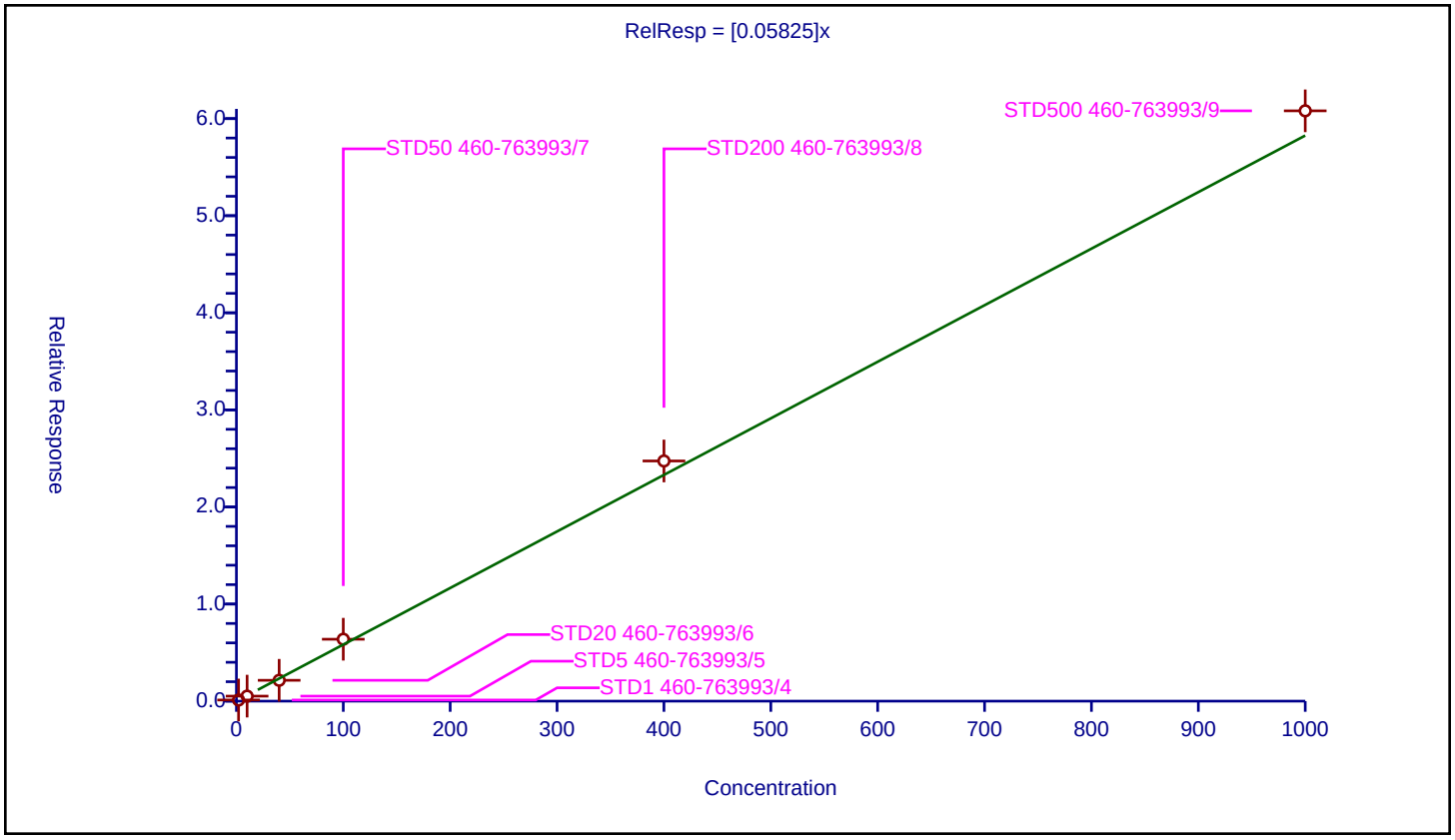
Curve Coefficients

Intercept:	0
Slope:	0.05825

Error Coefficients

Standard Error:	462000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	2.0	0.115306	50.0	554611.0	0.057653	Y
2	STD5 460-763993/5	10.0	0.517724	50.0	607466.0	0.051772	Y
3	STD20 460-763993/6	40.0	2.14706	50.0	582145.0	0.053676	Y
4	STD50 460-763993/7	100.0	6.378006	50.0	642011.0	0.06378	Y
5	STD200 460-763993/8	400.0	24.736747	50.0	715377.0	0.061842	Y
6	STD500 460-763993/9	1000.0	60.80079	50.0	795002.0	0.060801	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

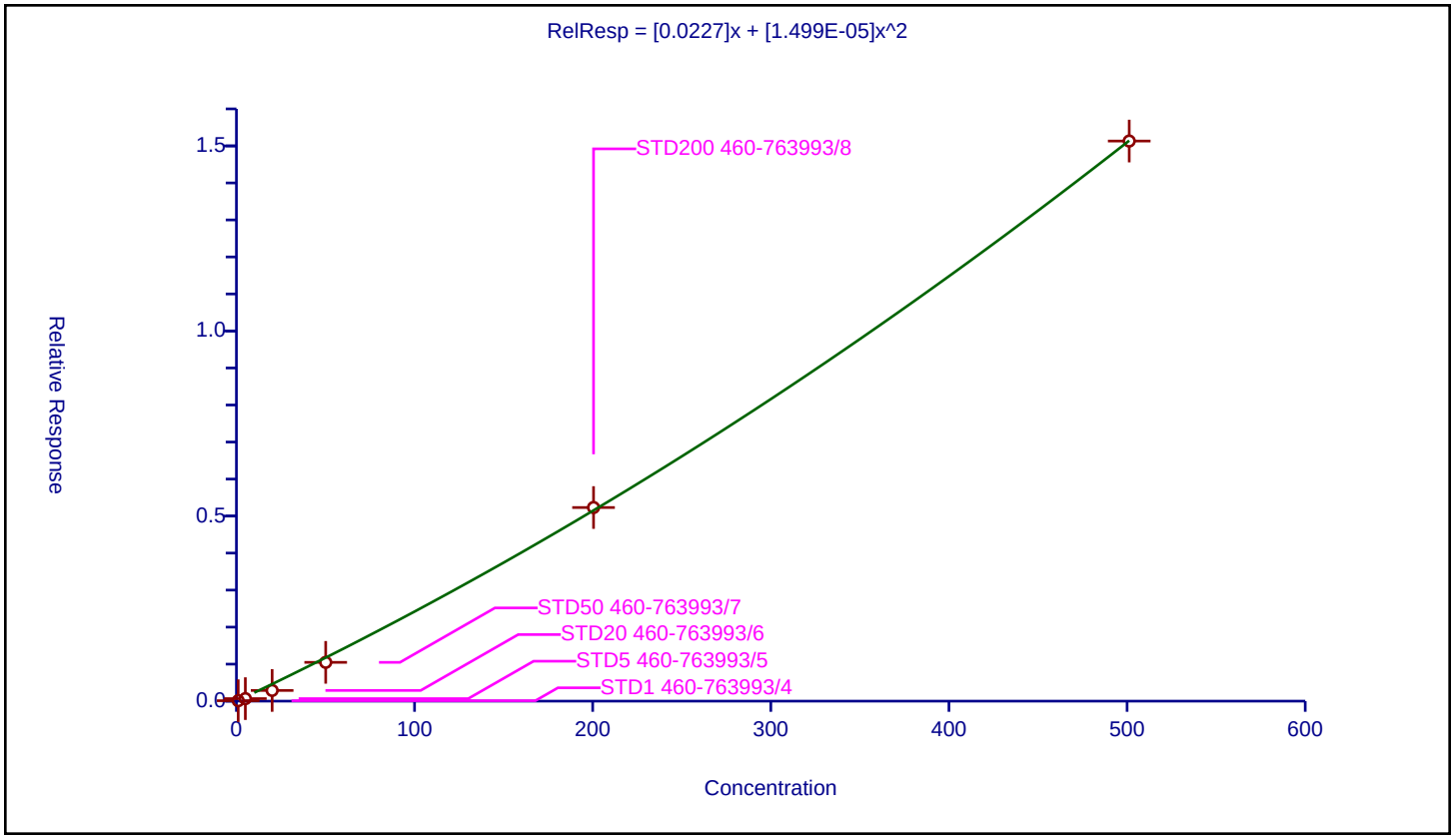
Curve Coefficients

Intercept:	0
Slope:	0.0227
Second Order:	1.499E-05

Error Coefficients

Standard Error:	126000
Relative Standard Error:	37.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0024	0.01172	50.0	554611.0	0.011692	Y
2	STD5 460-763993/5	5.012	0.067658	50.0	607466.0	0.013499	Y
3	STD20 460-763993/6	20.048	0.289017	50.0	582145.0	0.014416	Y
4	STD50 460-763993/7	50.12	1.047801	50.0	642011.0	0.020906	Y
5	STD200 460-763993/8	200.48	5.231018	50.0	715377.0	0.026092	Y
6	STD500 460-763993/9	501.2	15.131786	50.0	795002.0	0.030191	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

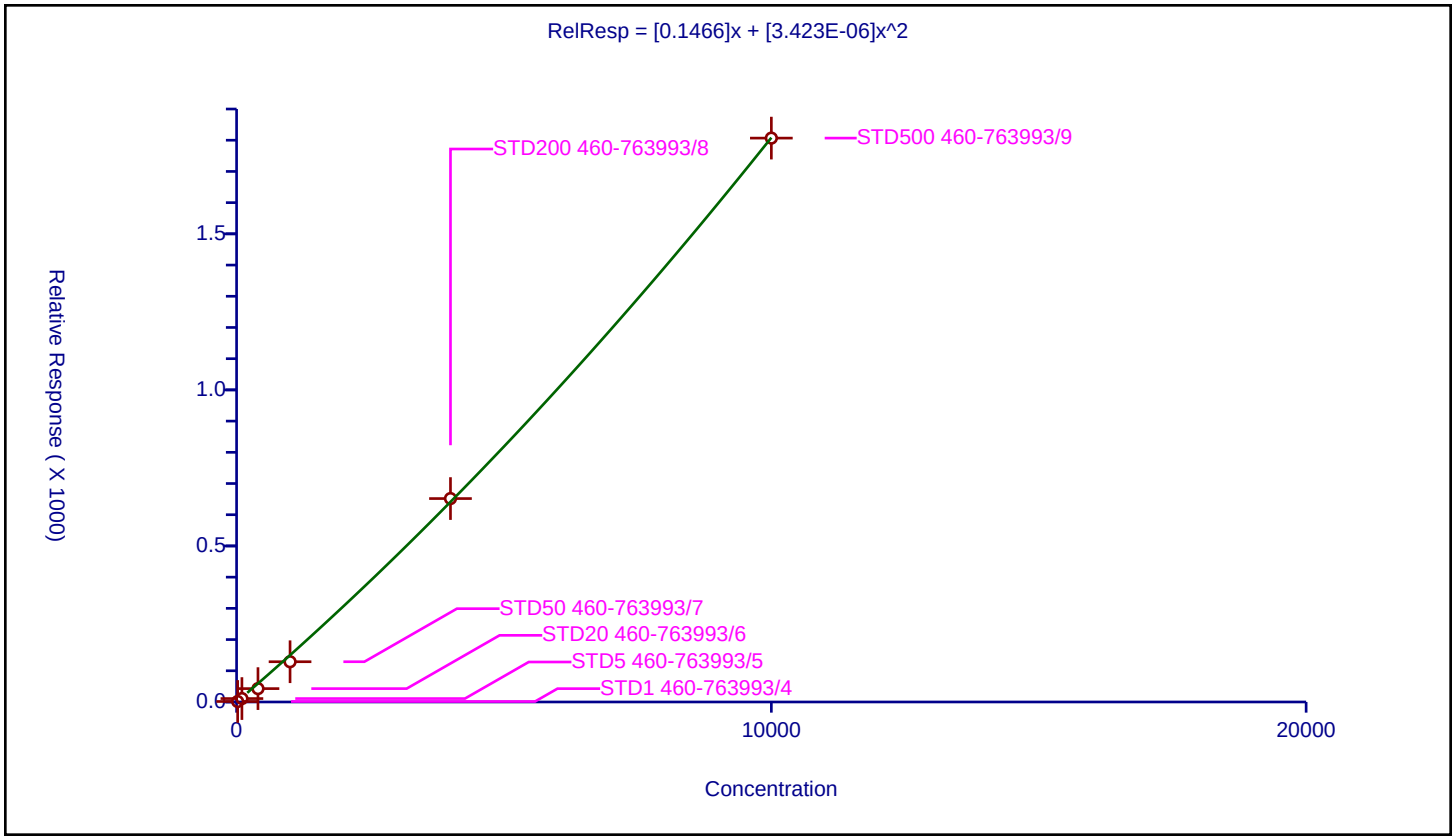
Curve Coefficients

Intercept:	0
Slope:	0.1466
Second Order:	3.423E-06

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	30.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	20.000035	1.547958	250.0	261312.0	0.077398	Y
2	STD5 460-763993/5	100.000173	10.958144	250.0	290332.0	0.109581	Y
3	STD20 460-763993/6	400.000692	42.817176	250.0	255032.0	0.107043	Y
4	STD50 460-763993/7	1000.00173	129.012488	250.0	324705.0	0.129012	Y
5	STD200 460-763993/8	4000.00692	651.821926	250.0	333850.0	0.162955	Y
6	STD500 460-763993/9	10000.0173	1806.794536	250.0	343607.0	0.180679	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

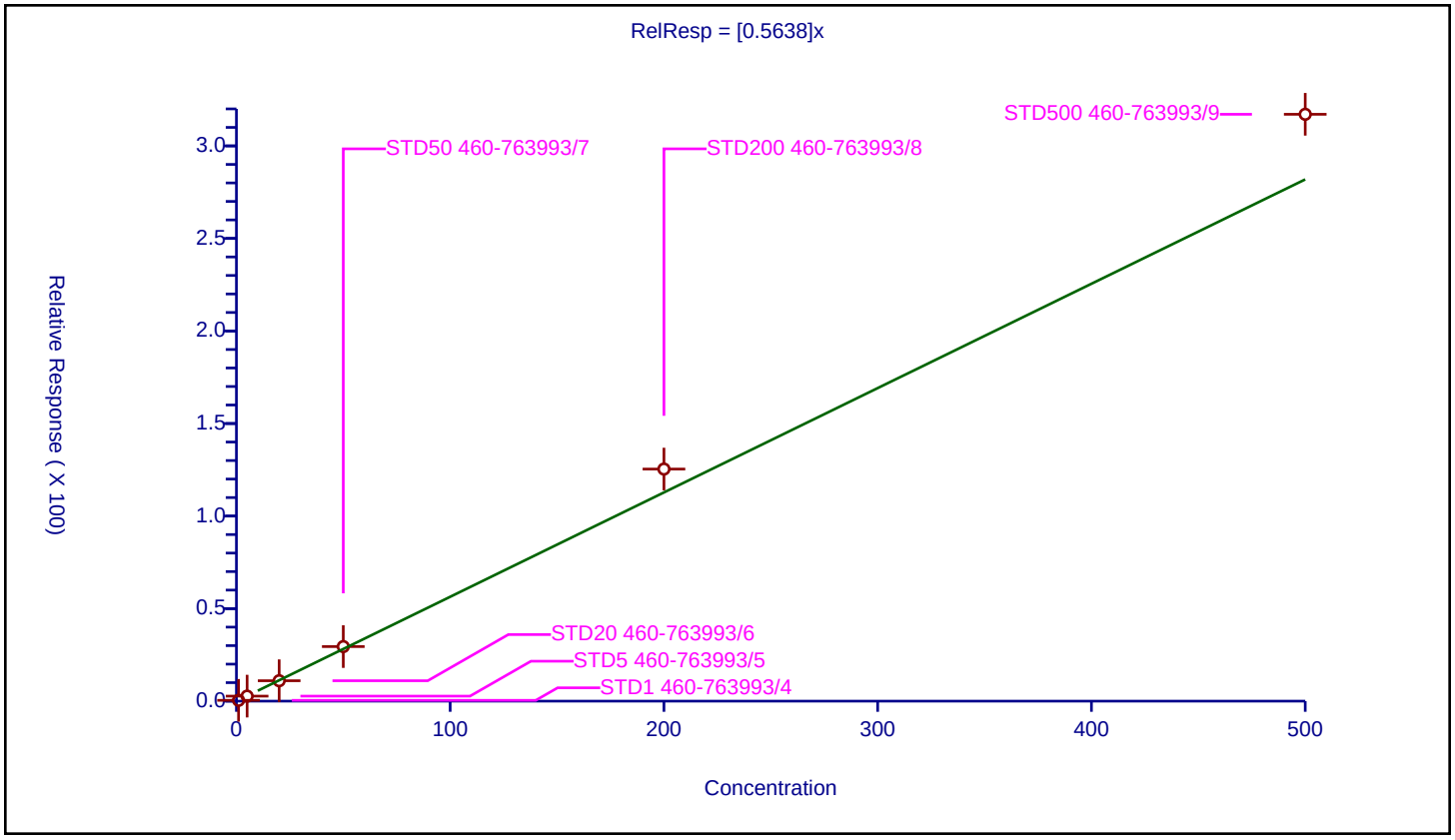
Curve Coefficients

Intercept:	0
Slope:	0.5638

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	12.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.439511	50.0	451183.0	0.439511	Y
2	STD5 460-763993/5	5.0	2.706573	50.0	465792.0	0.541315	Y
3	STD20 460-763993/6	20.0	11.024295	50.0	466438.0	0.551215	Y
4	STD50 460-763993/7	50.0	29.479645	50.0	518780.0	0.589593	Y
5	STD200 460-763993/8	200.0	125.395443	50.0	553873.0	0.626977	Y
6	STD500 460-763993/9	500.0	317.076753	50.0	616903.0	0.634154	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

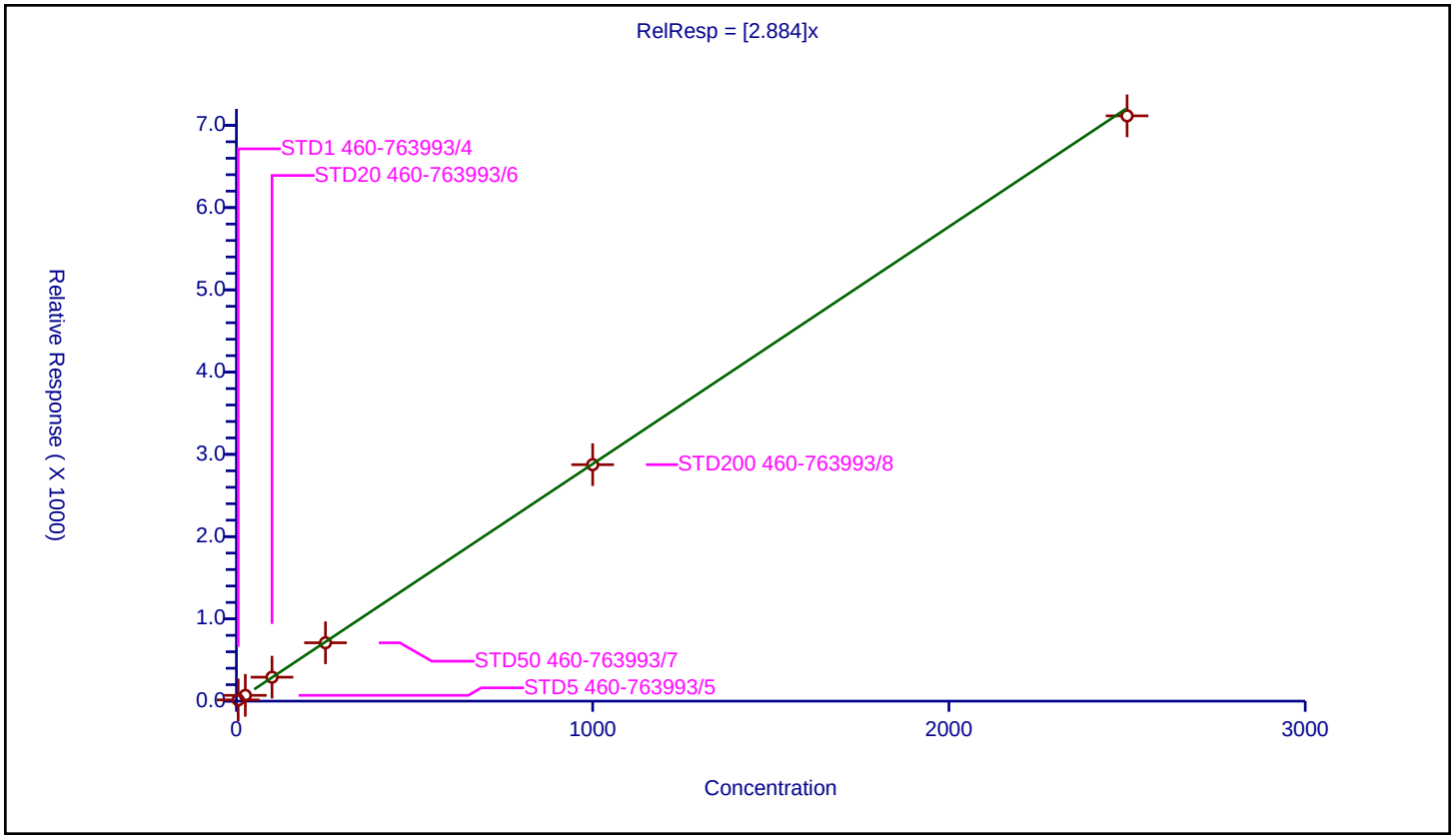
Curve Coefficients

Intercept:	0
Slope:	2.884

Error Coefficients

Standard Error:	4720000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	5.0	15.072978	250.0	261312.0	3.014596	Y
2	STD5 460-763993/5	25.0	70.435743	250.0	290332.0	2.81743	Y
3	STD20 460-763993/6	100.0	291.113468	250.0	255032.0	2.911135	Y
4	STD50 460-763993/7	250.0	709.601022	250.0	324705.0	2.838404	Y
5	STD200 460-763993/8	1000.0	2874.704957	250.0	333850.0	2.874705	Y
6	STD500 460-763993/9	2500.0	7115.344711	250.0	343607.0	2.846138	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

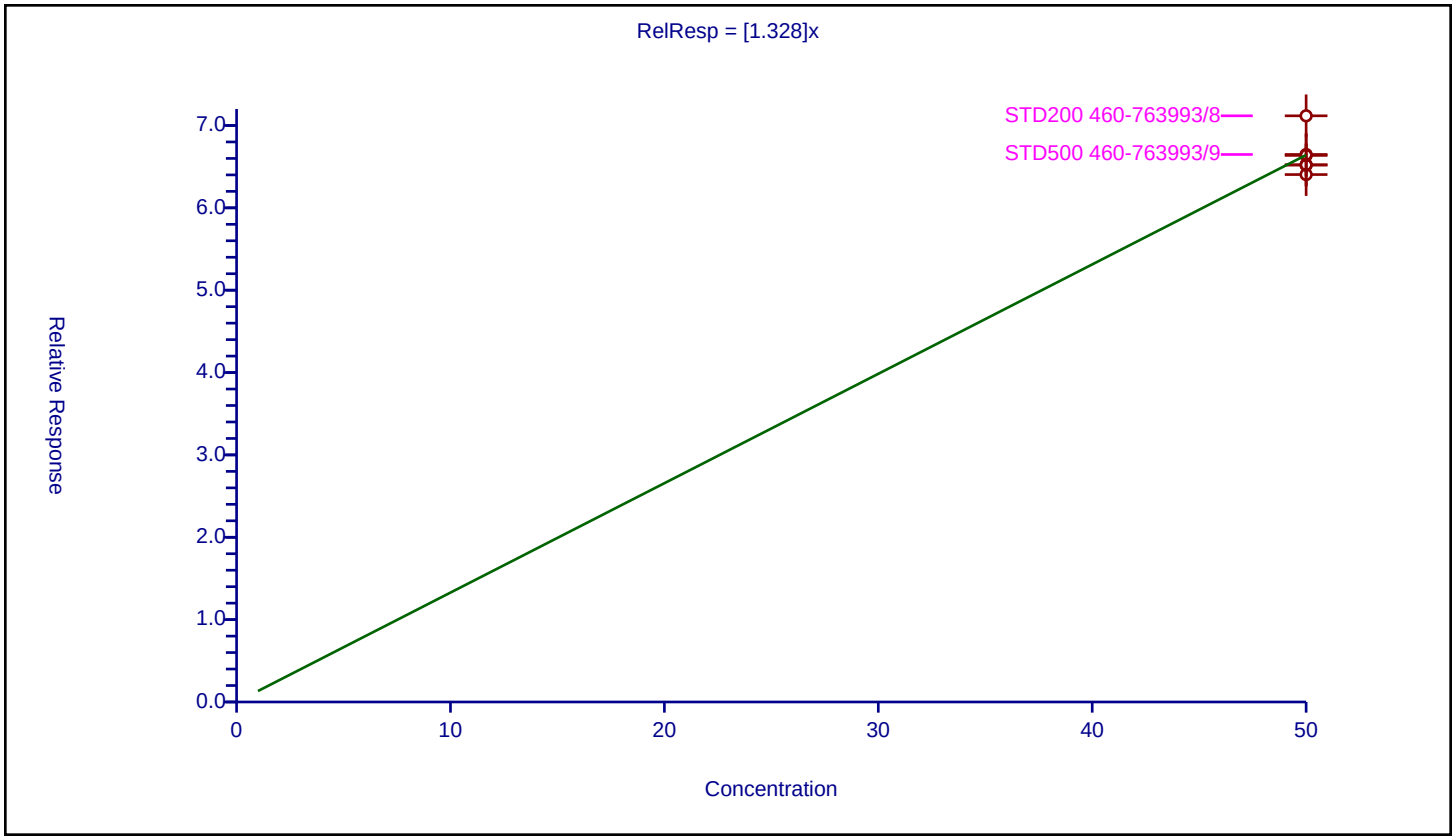
Curve Coefficients

Intercept:	0
Slope:	1.328

Error Coefficients

Standard Error:	754000
Relative Standard Error:	3.8
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	50.0	65.190289	50.0	451183.0	1.303806	Y
2	STD5 460-763993/5	50.0	64.040924	50.0	465792.0	1.280818	Y
3	STD20 460-763993/6	50.0	65.231499	50.0	466438.0	1.30463	Y
4	STD50 460-763993/7	50.0	66.365993	50.0	518780.0	1.32732	Y
5	STD200 460-763993/8	50.0	71.174349	50.0	553873.0	1.423487	Y
6	STD500 460-763993/9	50.0	66.477793	50.0	616903.0	1.329556	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

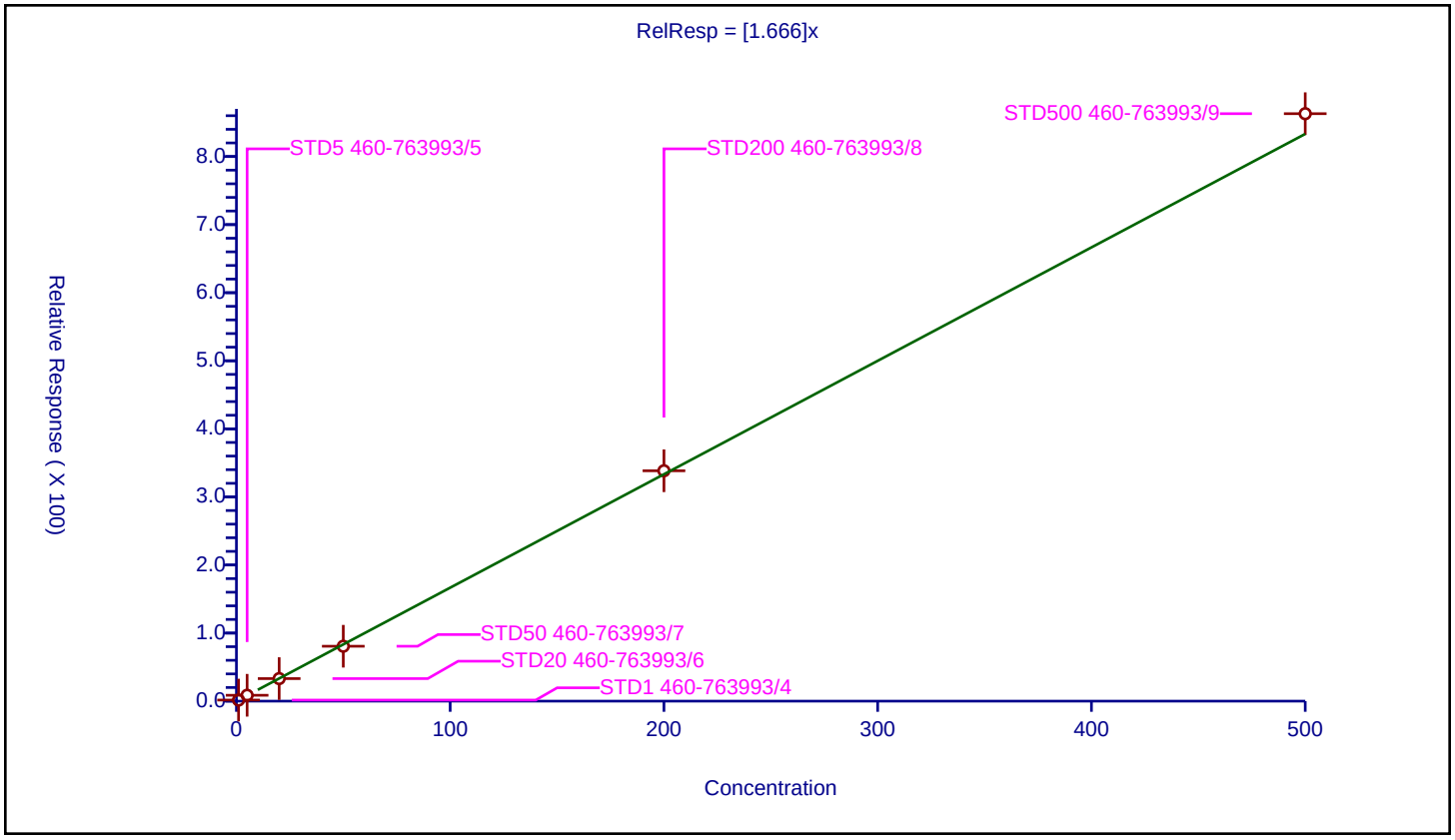
Curve Coefficients

Intercept:	0
Slope:	1.666

Error Coefficients

Standard Error:	5060000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.584501	50.0	451183.0	1.584501	Y
2	STD5 460-763993/5	5.0	8.629603	50.0	465792.0	1.725921	Y
3	STD20 460-763993/6	20.0	33.127018	50.0	466438.0	1.656351	Y
4	STD50 460-763993/7	50.0	80.670708	50.0	518780.0	1.613414	Y
5	STD200 460-763993/8	200.0	338.415214	50.0	553873.0	1.692076	Y
6	STD500 460-763993/9	500.0	862.948956	50.0	616903.0	1.725898	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

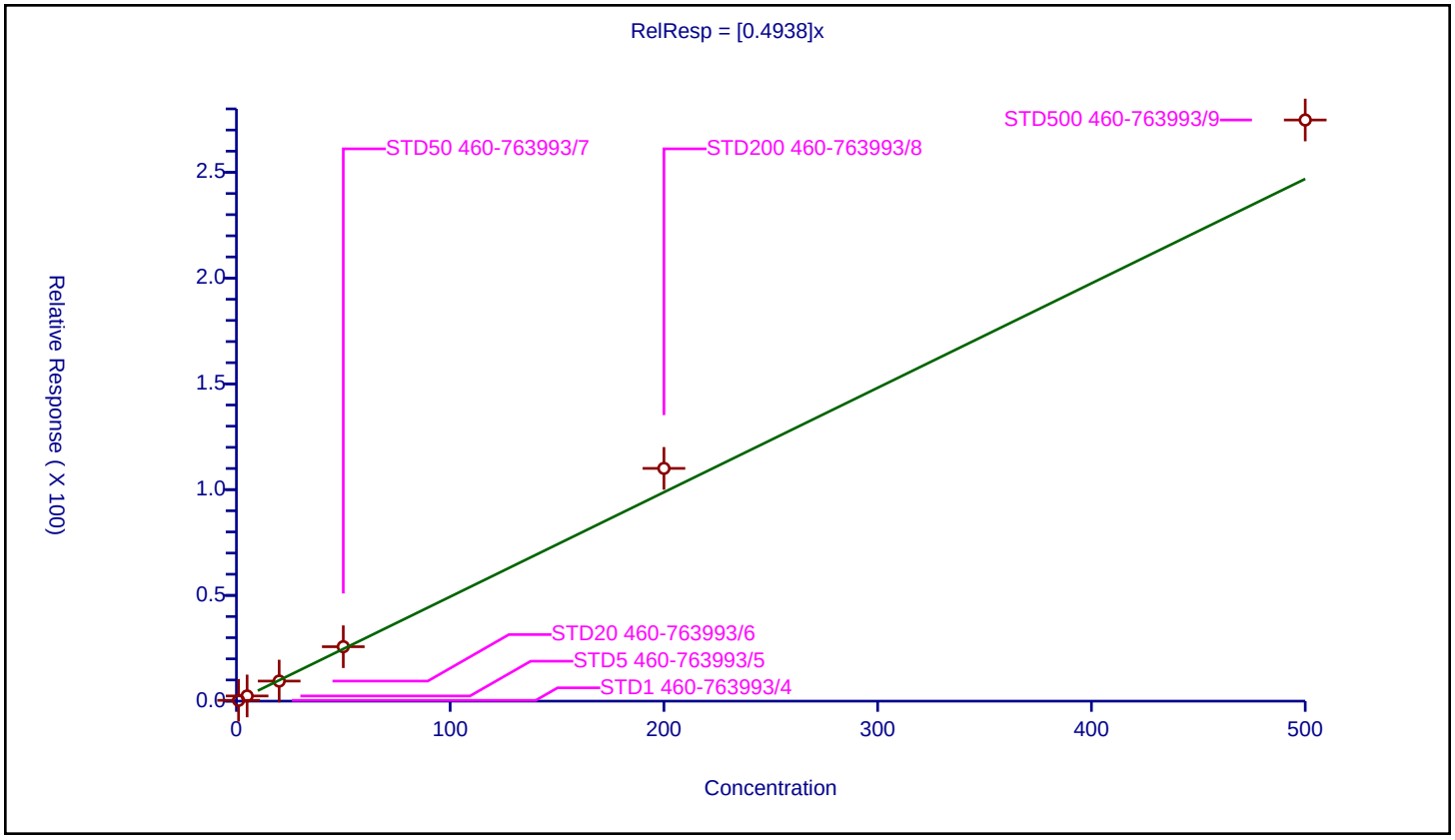
Curve Coefficients

Intercept:	0
Slope:	0.4938

Error Coefficients

Standard Error:	1620000
Relative Standard Error:	12.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.383326	50.0	451183.0	0.383326	Y
2	STD5 460-763993/5	5.0	2.452919	50.0	465792.0	0.490584	Y
3	STD20 460-763993/6	20.0	9.4899	50.0	466438.0	0.474495	Y
4	STD50 460-763993/7	50.0	25.732295	50.0	518780.0	0.514646	Y
5	STD200 460-763993/8	200.0	110.049506	50.0	553873.0	0.550248	Y
6	STD500 460-763993/9	500.0	274.754378	50.0	616903.0	0.549509	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

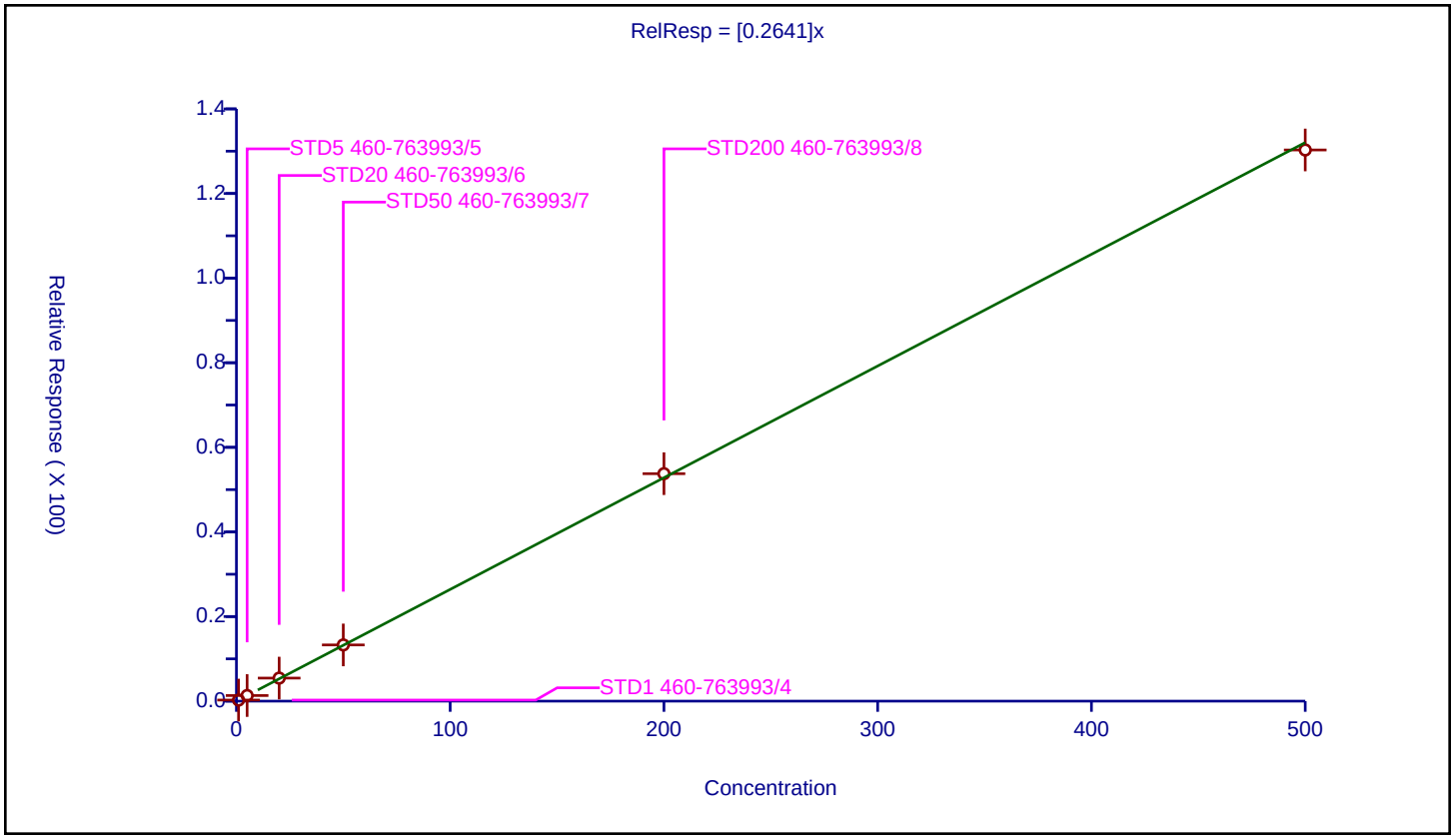
Curve Coefficients

Intercept:	0
Slope:	0.2641

Error Coefficients

Standard Error:	769000
Relative Standard Error:	2.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.252004	50.0	451183.0	0.252004	Y
2	STD5 460-763993/5	5.0	1.324733	50.0	465792.0	0.264947	Y
3	STD20 460-763993/6	20.0	5.447991	50.0	466438.0	0.2724	Y
4	STD50 460-763993/7	50.0	13.286171	50.0	518780.0	0.265723	Y
5	STD200 460-763993/8	200.0	53.76756	50.0	553873.0	0.268838	Y
6	STD500 460-763993/9	500.0	130.288716	50.0	616903.0	0.260577	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

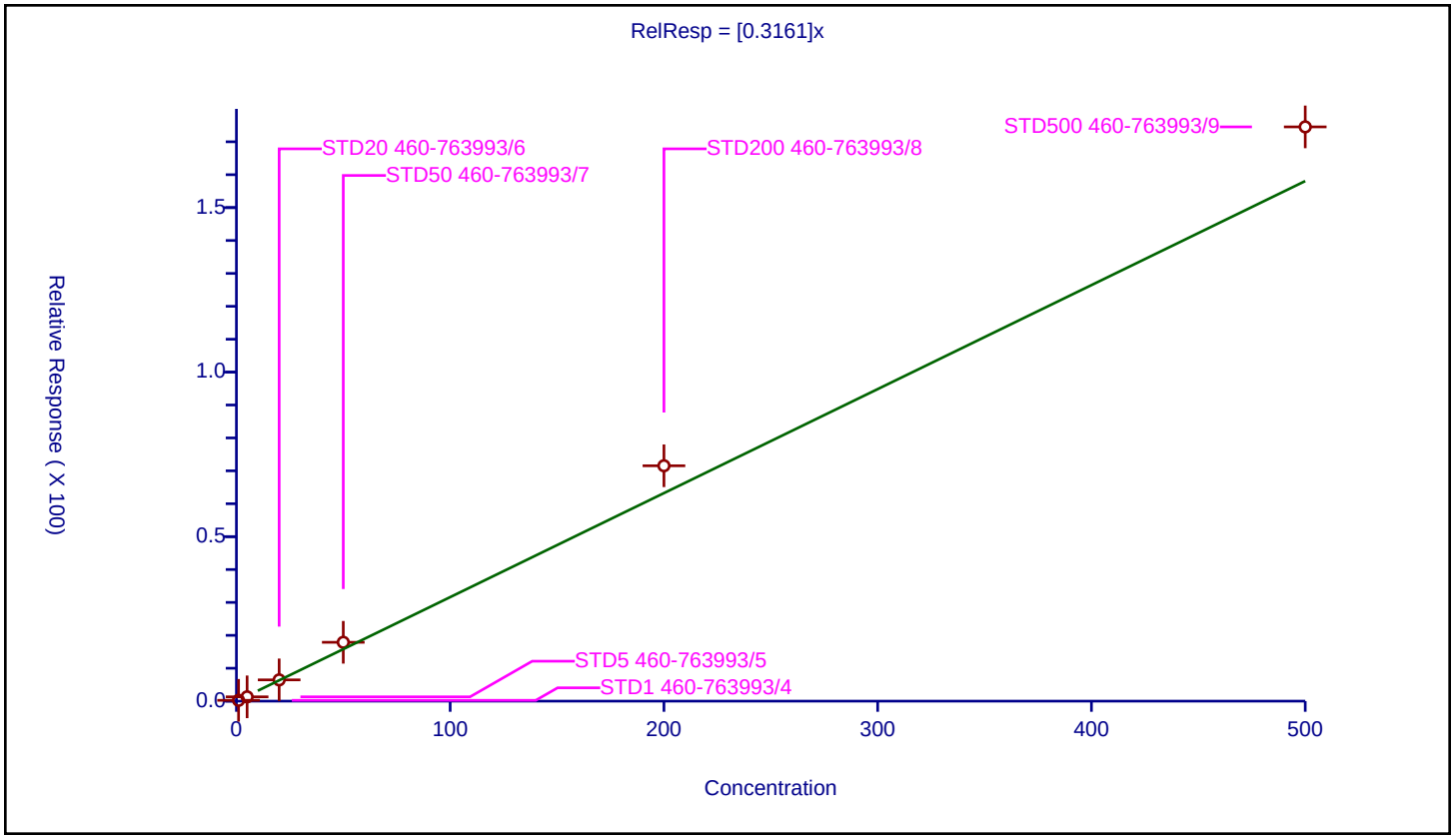
Curve Coefficients

Intercept:	0
Slope:	0.3161

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	15.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.24711	50.0	554611.0	0.24711	Y
2	STD5 460-763993/5	5.0	1.310608	50.0	607466.0	0.262122	Y
3	STD20 460-763993/6	20.0	6.461277	50.0	582145.0	0.323064	Y
4	STD50 460-763993/7	50.0	17.884818	50.0	642011.0	0.357696	Y
5	STD200 460-763993/8	200.0	71.534799	50.0	715377.0	0.357674	Y
6	STD500 460-763993/9	500.0	174.527045	50.0	795002.0	0.349054	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

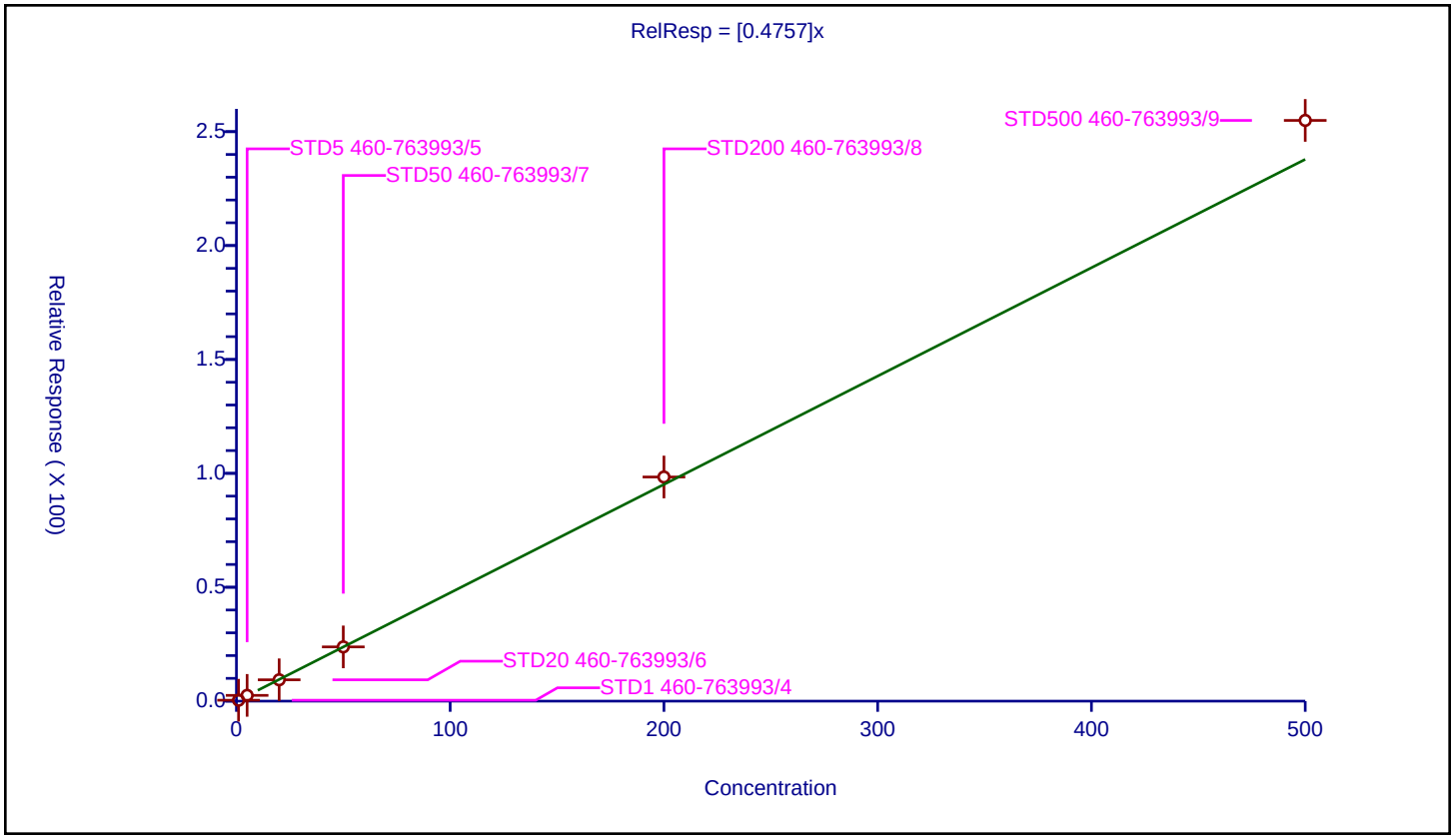
Curve Coefficients

Intercept:	0
Slope:	0.4757

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.4015	50.0	451183.0	0.4015	Y
2	STD5 460-763993/5	5.0	2.531173	50.0	465792.0	0.506235	Y
3	STD20 460-763993/6	20.0	9.365982	50.0	466438.0	0.468299	Y
4	STD50 460-763993/7	50.0	23.81096	50.0	518780.0	0.476219	Y
5	STD200 460-763993/8	200.0	98.400175	50.0	553873.0	0.492001	Y
6	STD500 460-763993/9	500.0	254.933028	50.0	616903.0	0.509866	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

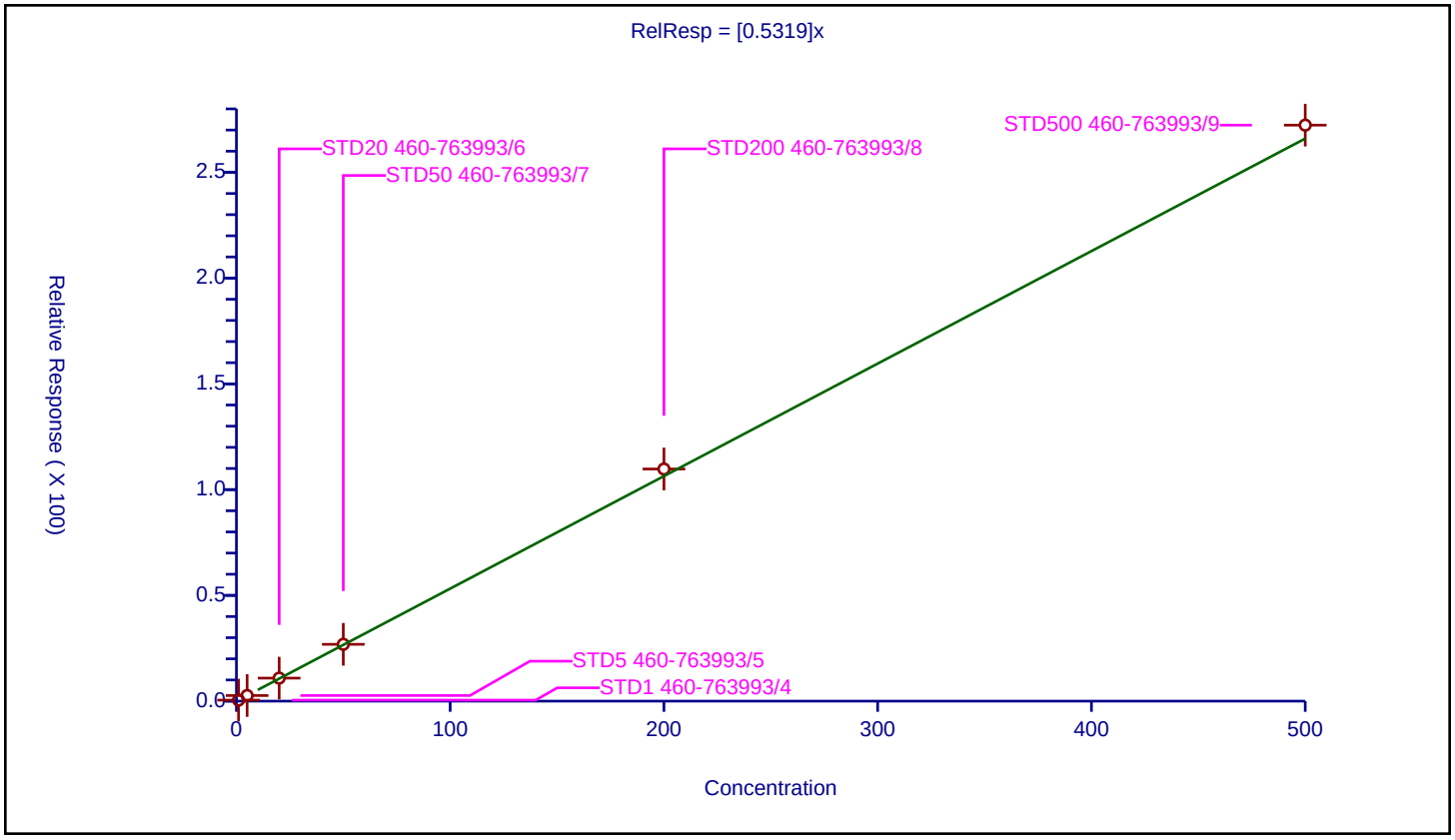
Curve Coefficients

Intercept:	0
Slope:	0.5319

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.485945	50.0	451183.0	0.485945	Y
2	STD5 460-763993/5	5.0	2.651827	50.0	465792.0	0.530365	Y
3	STD20 460-763993/6	20.0	10.891694	50.0	466438.0	0.544585	Y
4	STD50 460-763993/7	50.0	26.865916	50.0	518780.0	0.537318	Y
5	STD200 460-763993/8	200.0	109.742125	50.0	553873.0	0.548711	Y
6	STD500 460-763993/9	500.0	272.323445	50.0	616903.0	0.544647	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

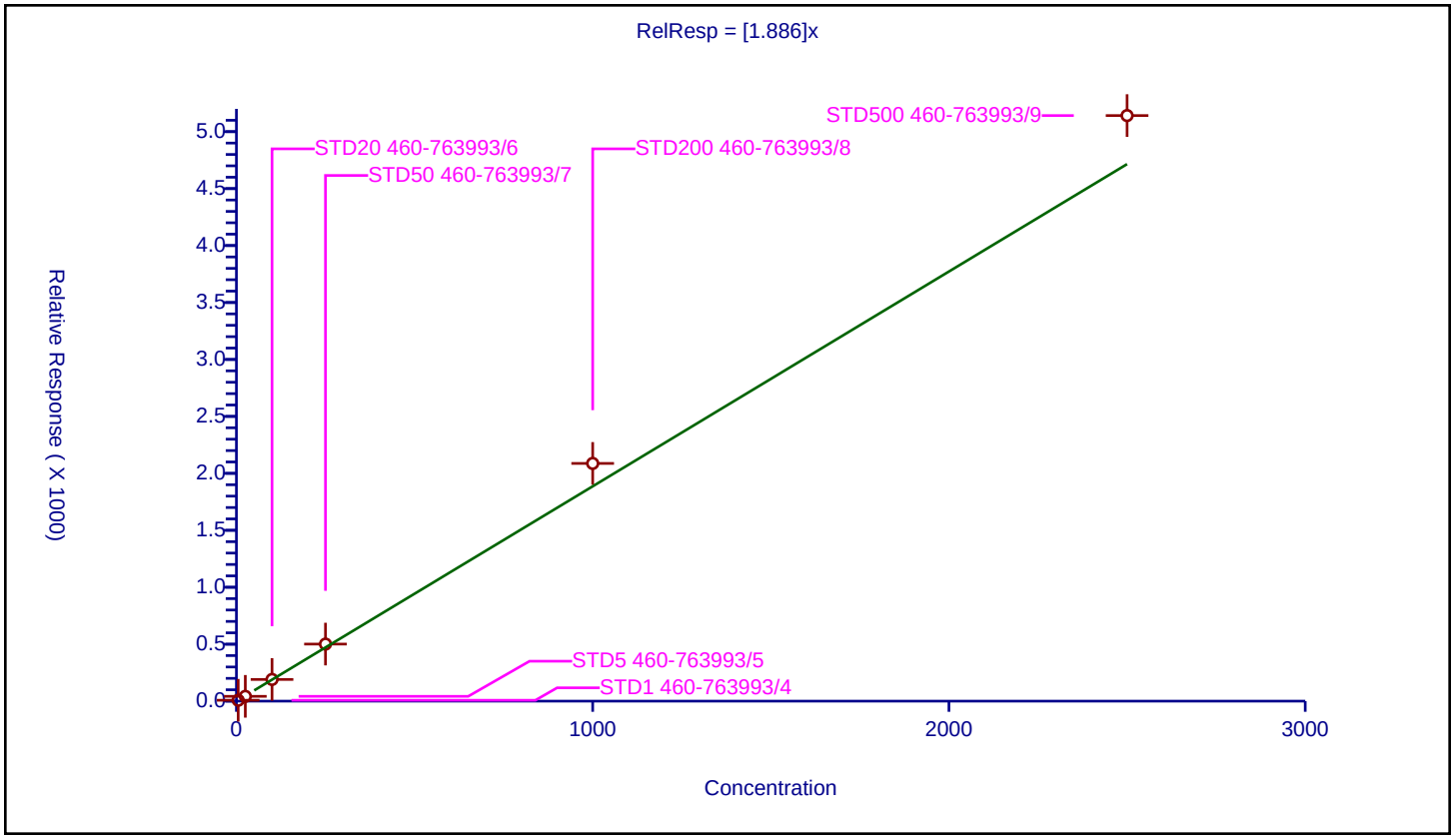
Curve Coefficients

Intercept:	0
Slope:	1.886

Error Coefficients

Standard Error:	3410000
Relative Standard Error:	11.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	5.0	7.867989	250.0	261312.0	1.573598	Y
2	STD5 460-763993/5	25.0	42.254212	250.0	290332.0	1.690168	Y
3	STD20 460-763993/6	100.0	190.494722	250.0	255032.0	1.904947	Y
4	STD50 460-763993/7	250.0	500.970111	250.0	324705.0	2.00388	Y
5	STD200 460-763993/8	1000.0	2087.202336	250.0	333850.0	2.087202	Y
6	STD500 460-763993/9	2500.0	5141.351166	250.0	343607.0	2.05654	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

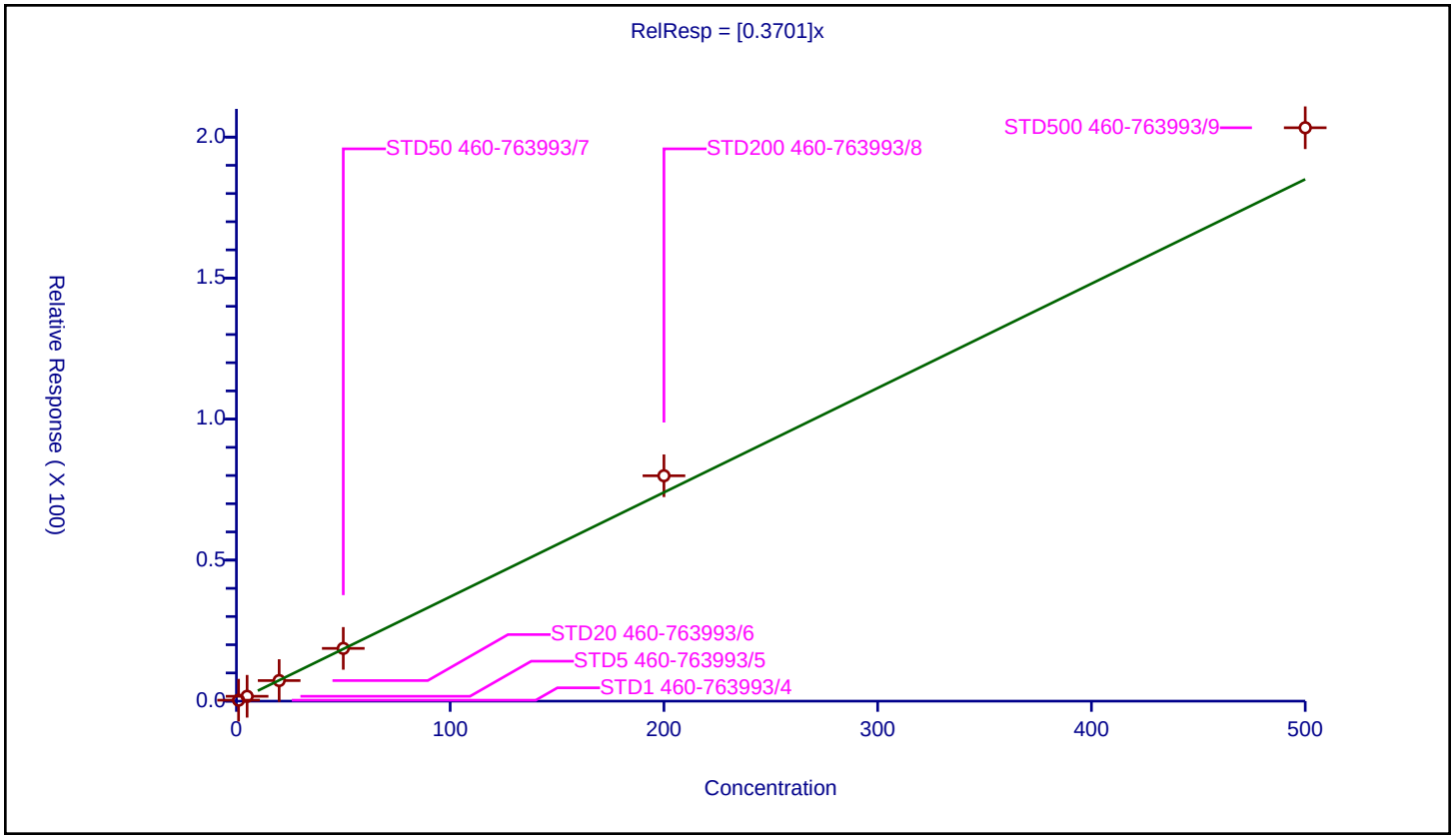
Curve Coefficients

Intercept:	0
Slope:	0.3701

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	8.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.33124	50.0	451183.0	0.33124	Y
2	STD5 460-763993/5	5.0	1.720188	50.0	465792.0	0.344038	Y
3	STD20 460-763993/6	20.0	7.299577	50.0	466438.0	0.364979	Y
4	STD50 460-763993/7	50.0	18.699352	50.0	518780.0	0.373987	Y
5	STD200 460-763993/8	200.0	79.91823	50.0	553873.0	0.399591	Y
6	STD500 460-763993/9	500.0	203.312676	50.0	616903.0	0.406625	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

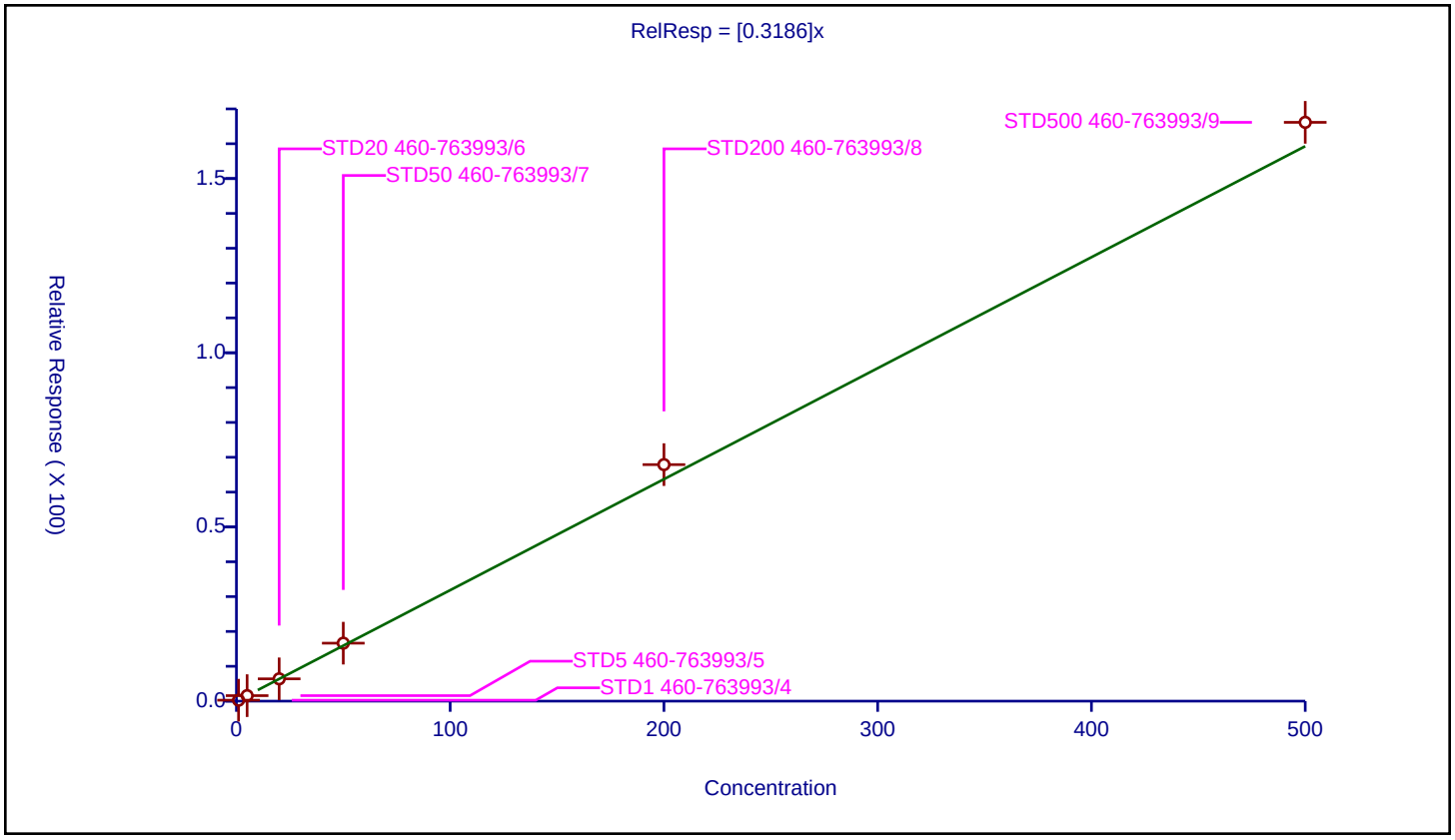
Curve Coefficients

Intercept:	0
Slope:	0.3186

Error Coefficients

Standard Error:	980000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.271619	50.0	451183.0	0.271619	Y
2	STD5 460-763993/5	5.0	1.575274	50.0	465792.0	0.315055	Y
3	STD20 460-763993/6	20.0	6.402459	50.0	466438.0	0.320123	Y
4	STD50 460-763993/7	50.0	16.640291	50.0	518780.0	0.332806	Y
5	STD200 460-763993/8	200.0	67.894174	50.0	553873.0	0.339471	Y
6	STD500 460-763993/9	500.0	166.140625	50.0	616903.0	0.332281	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

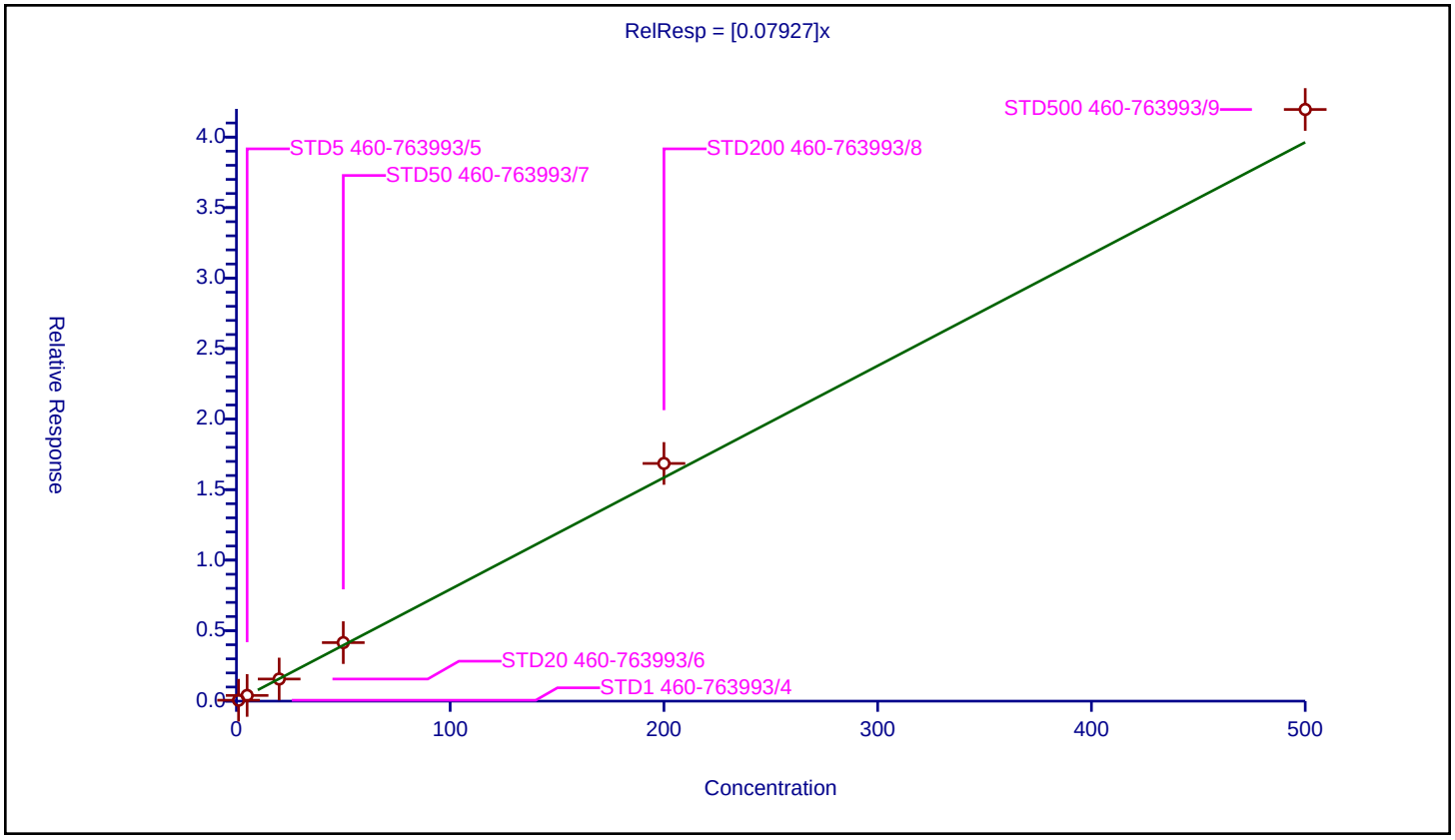
Curve Coefficients

Intercept:	0
Slope:	0.07927

Error Coefficients

Standard Error:	247000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.06494	50.0	451183.0	0.06494	Y
2	STD5 460-763993/5	5.0	0.404902	50.0	465792.0	0.08098	Y
3	STD20 460-763993/6	20.0	1.56934	50.0	466438.0	0.078467	Y
4	STD50 460-763993/7	50.0	4.1507	50.0	518780.0	0.083014	Y
5	STD200 460-763993/8	200.0	16.856572	50.0	553873.0	0.084283	Y
6	STD500 460-763993/9	500.0	41.959271	50.0	616903.0	0.083919	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

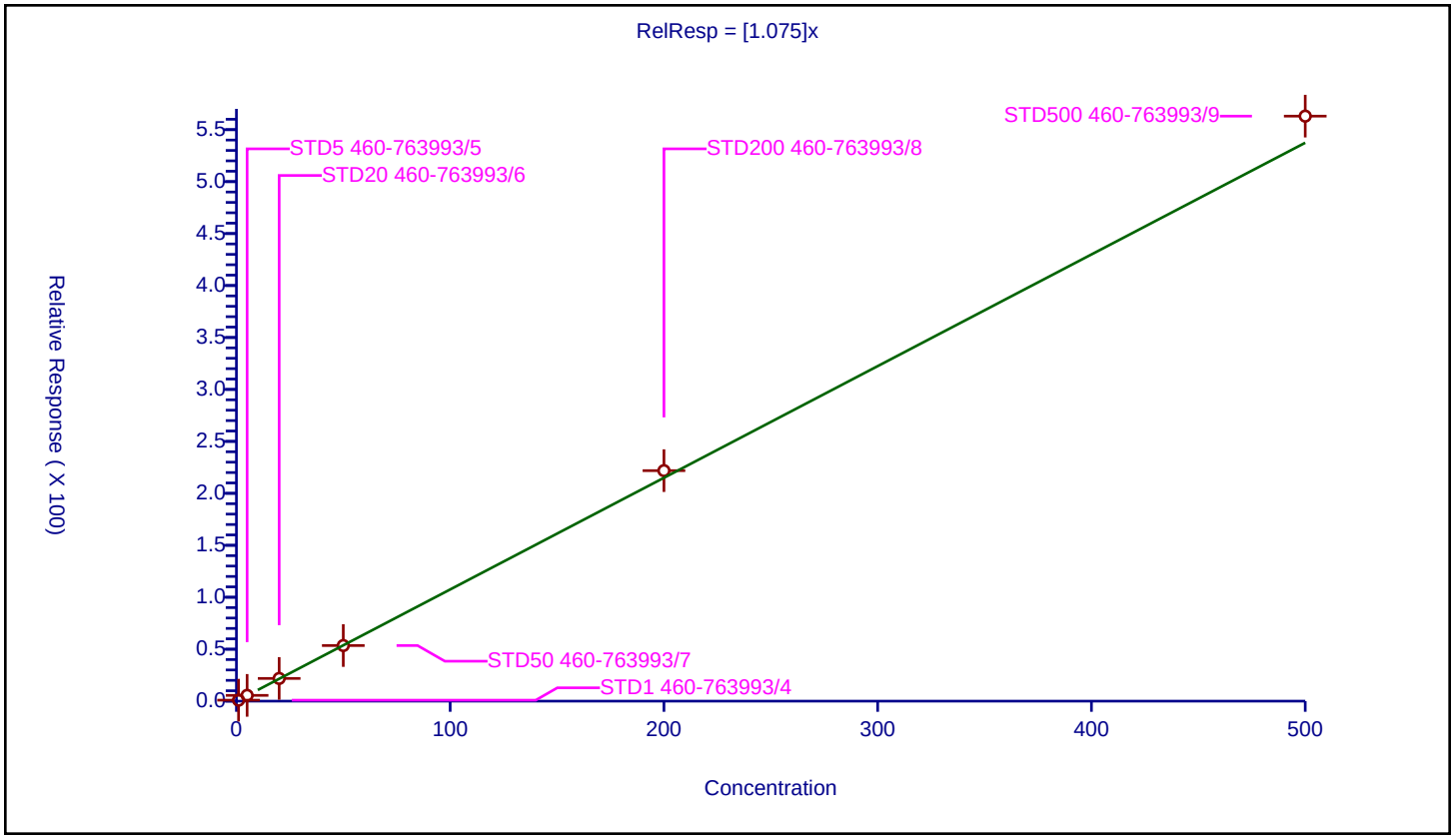
Curve Coefficients

Intercept:	0
Slope:	1.075

Error Coefficients

Standard Error:	3310000
Relative Standard Error:	6.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.940749	50.0	451183.0	0.940749	Y
2	STD5 460-763993/5	5.0	5.5528	50.0	465792.0	1.11056	Y
3	STD20 460-763993/6	20.0	21.842346	50.0	466438.0	1.092117	Y
4	STD50 460-763993/7	50.0	53.497725	50.0	518780.0	1.069955	Y
5	STD200 460-763993/8	200.0	221.836955	50.0	553873.0	1.109185	Y
6	STD500 460-763993/9	500.0	563.032276	50.0	616903.0	1.126065	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

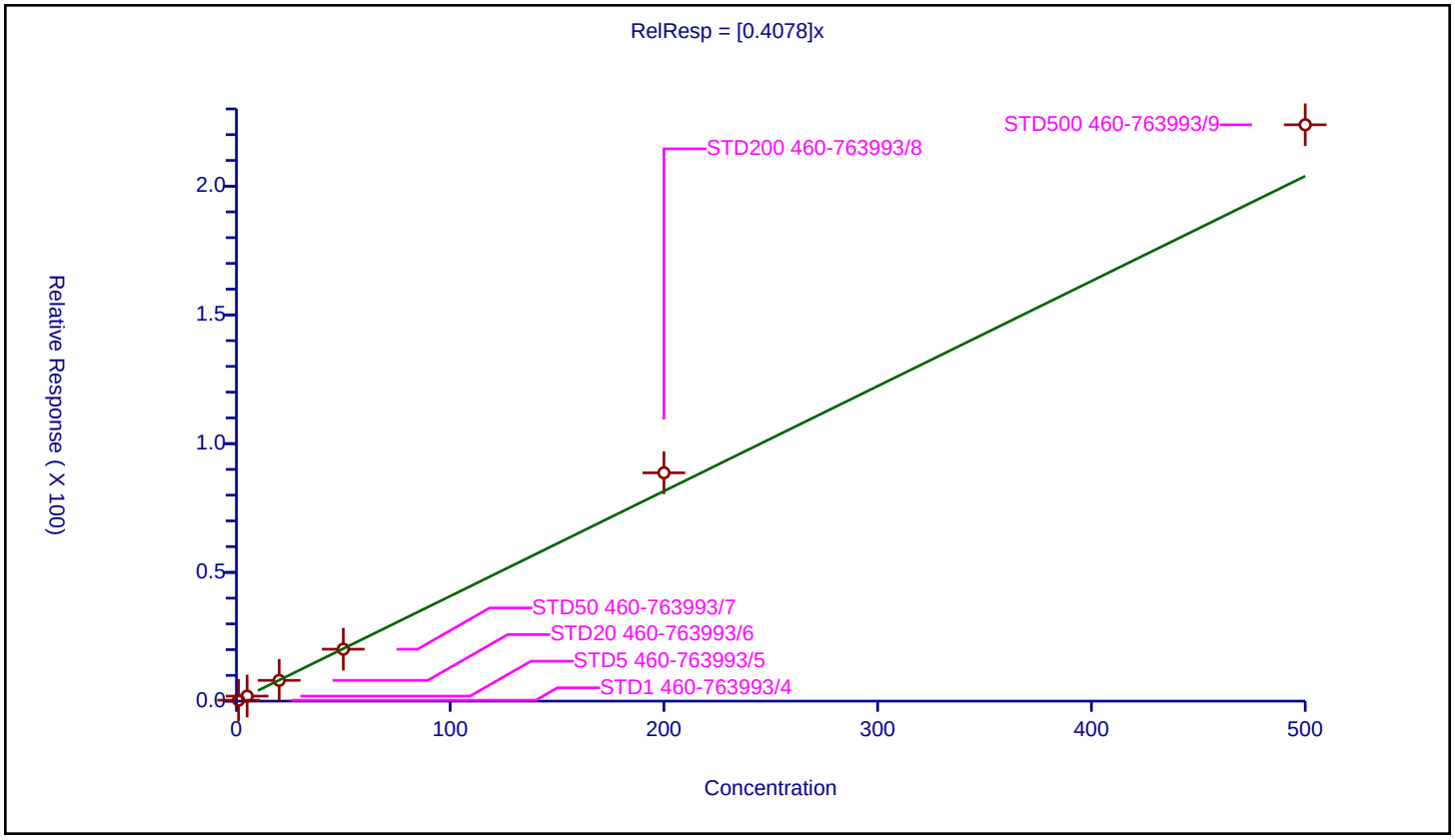
Curve Coefficients

Intercept:	0
Slope:	0.4078

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	8.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.360164	50.0	451183.0	0.360164	Y
2	STD5 460-763993/5	5.0	1.945289	50.0	465792.0	0.389058	Y
3	STD20 460-763993/6	20.0	8.061307	50.0	466438.0	0.403065	Y
4	STD50 460-763993/7	50.0	20.177725	50.0	518780.0	0.403554	Y
5	STD200 460-763993/8	200.0	88.668883	50.0	553873.0	0.443344	Y
6	STD500 460-763993/9	500.0	223.831299	50.0	616903.0	0.447663	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

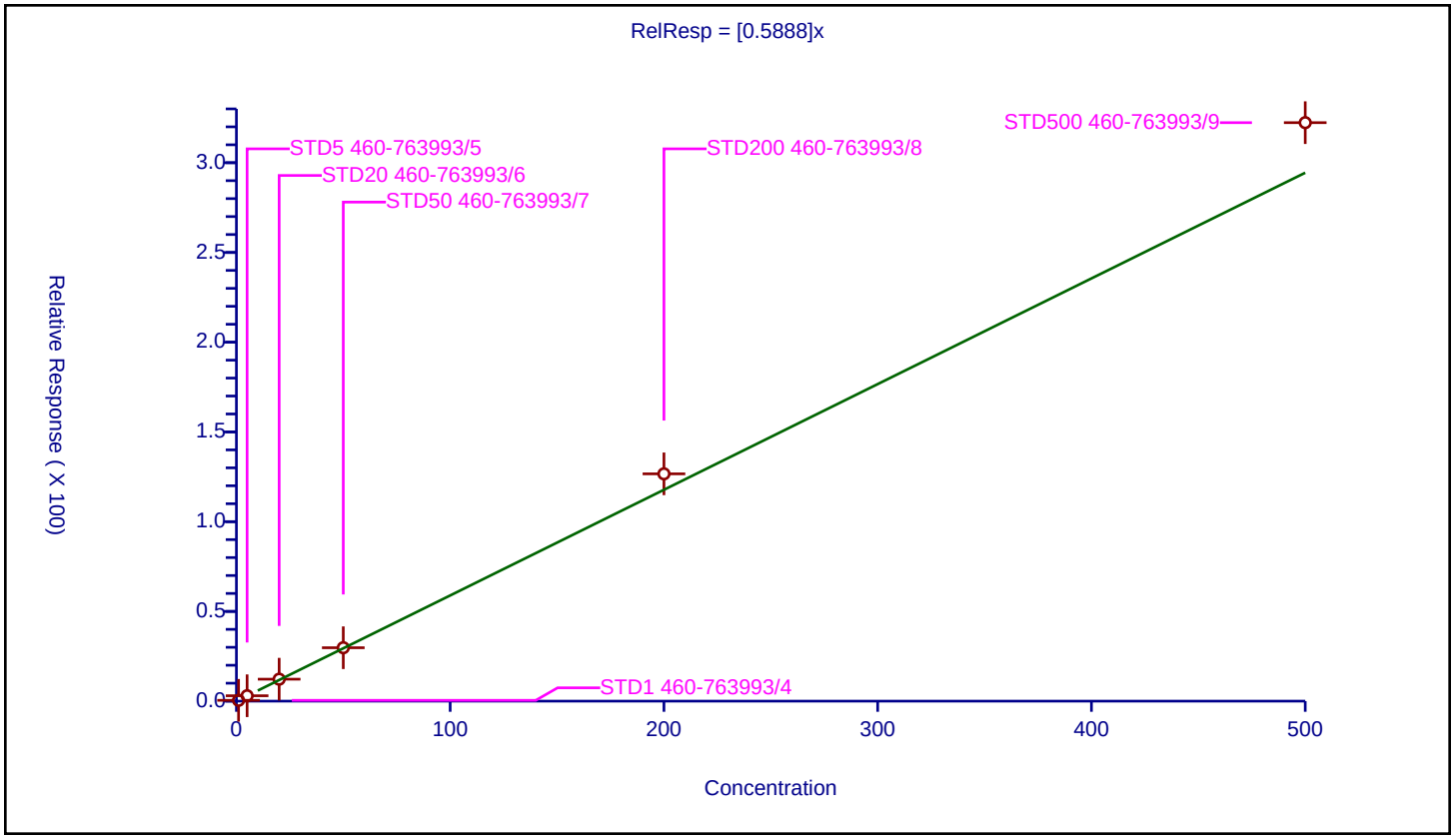
Curve Coefficients

Intercept:	0
Slope:	0.5888

Error Coefficients

Standard Error:	1890000
Relative Standard Error:	12.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.448044	50.0	451183.0	0.448044	Y
2	STD5 460-763993/5	5.0	2.999944	50.0	465792.0	0.599989	Y
3	STD20 460-763993/6	20.0	12.233887	50.0	466438.0	0.611694	Y
4	STD50 460-763993/7	50.0	29.768013	50.0	518780.0	0.59536	Y
5	STD200 460-763993/8	200.0	126.656111	50.0	553873.0	0.633281	Y
6	STD500 460-763993/9	500.0	322.327335	50.0	616903.0	0.644655	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

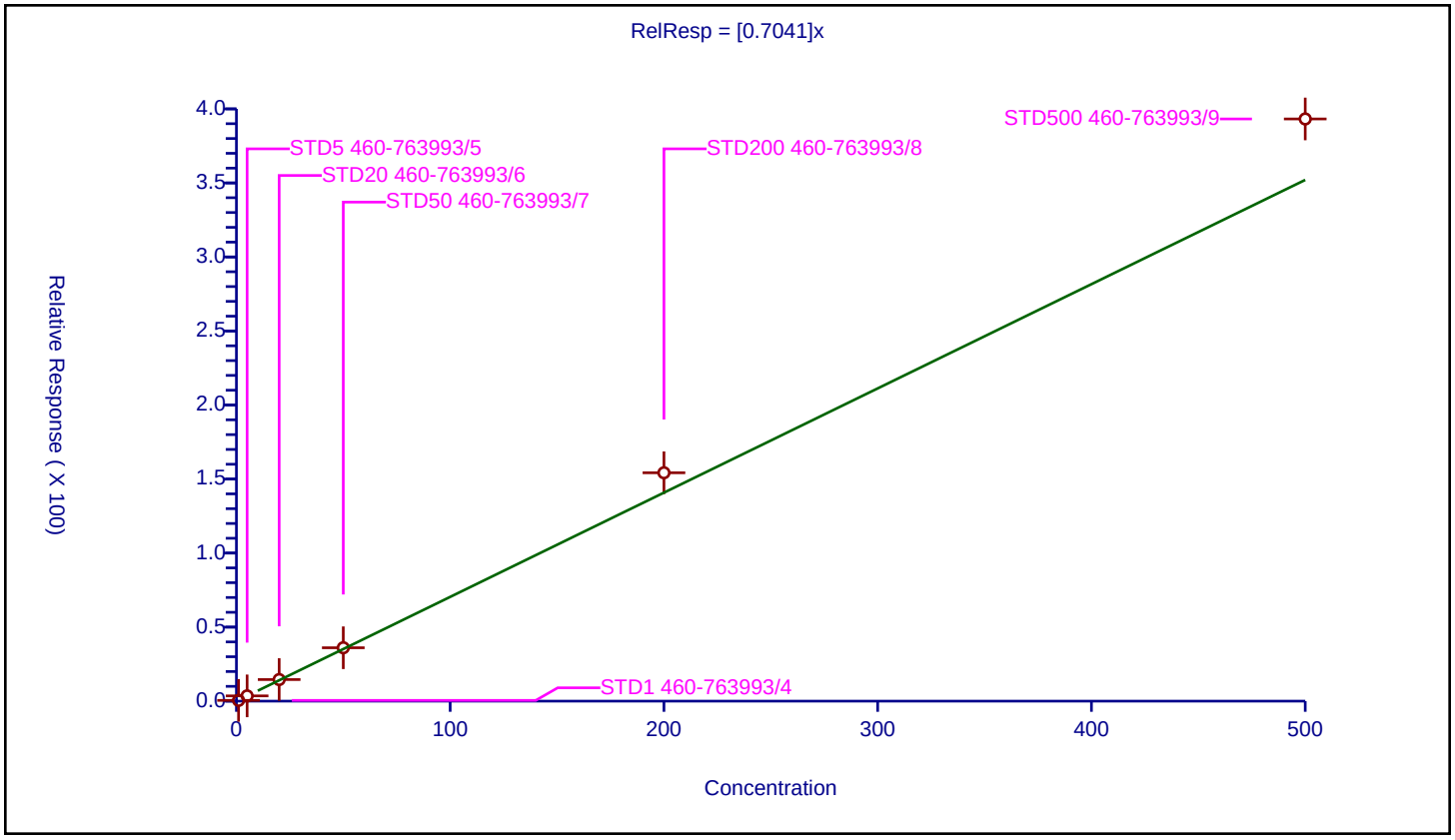
Curve Coefficients

Intercept:	0
Slope:	0.7041

Error Coefficients

Standard Error:	2310000
Relative Standard Error:	14.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.506003	50.0	451183.0	0.506003	Y
2	STD5 460-763993/5	5.0	3.550941	50.0	465792.0	0.710188	Y
3	STD20 460-763993/6	20.0	14.586719	50.0	466438.0	0.729336	Y
4	STD50 460-763993/7	50.0	36.059505	50.0	518780.0	0.72119	Y
5	STD200 460-763993/8	200.0	154.24962	50.0	553873.0	0.771248	Y
6	STD500 460-763993/9	500.0	393.195365	50.0	616903.0	0.786391	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

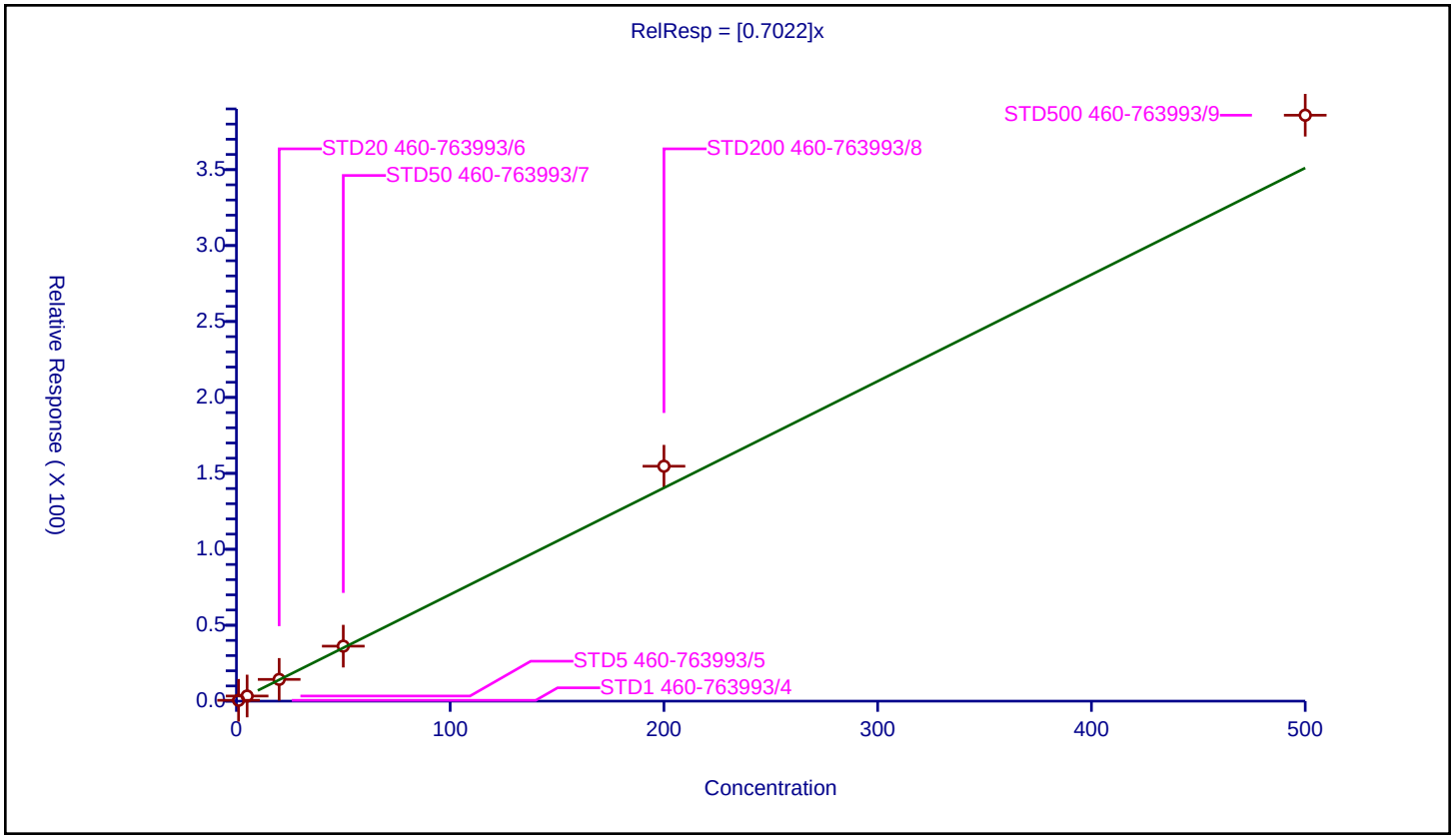
Curve Coefficients

Intercept:	0
Slope:	0.7022

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	11.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.55288	50.0	451183.0	0.55288	Y
2	STD5 460-763993/5	5.0	3.377151	50.0	465792.0	0.67543	Y
3	STD20 460-763993/6	20.0	14.311763	50.0	466438.0	0.715588	Y
4	STD50 460-763993/7	50.0	36.204171	50.0	518780.0	0.724083	Y
5	STD200 460-763993/8	200.0	154.695661	50.0	553873.0	0.773478	Y
6	STD500 460-763993/9	500.0	385.84121	50.0	616903.0	0.771682	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

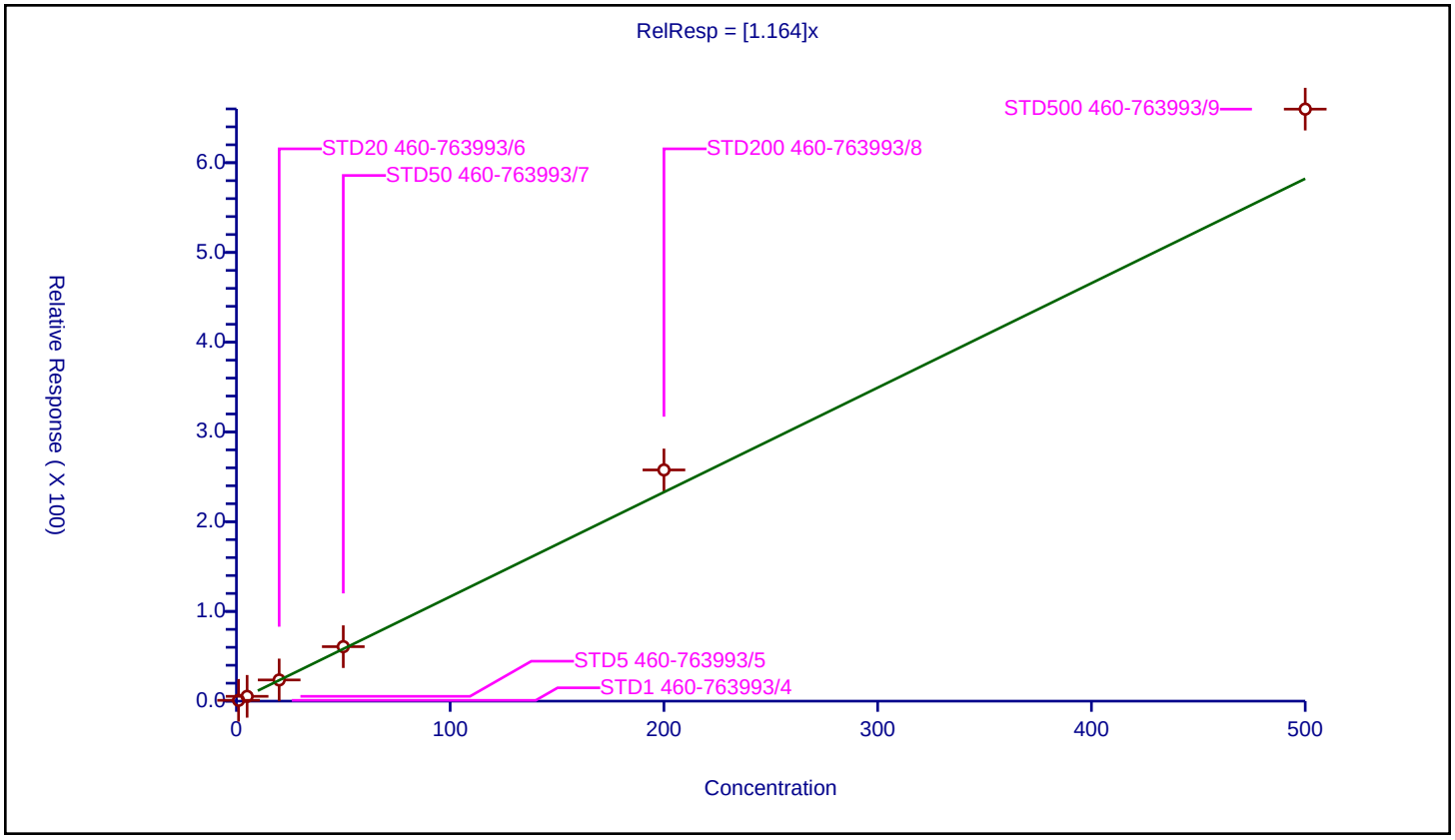
Curve Coefficients

Intercept:	0
Slope:	1.164

Error Coefficients

Standard Error:	3870000
Relative Standard Error:	12.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.915039	50.0	451183.0	0.915039	Y
2	STD5 460-763993/5	5.0	5.345519	50.0	465792.0	1.069104	Y
3	STD20 460-763993/6	20.0	23.613857	50.0	466438.0	1.180693	Y
4	STD50 460-763993/7	50.0	60.698562	50.0	518780.0	1.213971	Y
5	STD200 460-763993/8	200.0	257.658254	50.0	553873.0	1.288291	Y
6	STD500 460-763993/9	500.0	659.736863	50.0	616903.0	1.319474	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

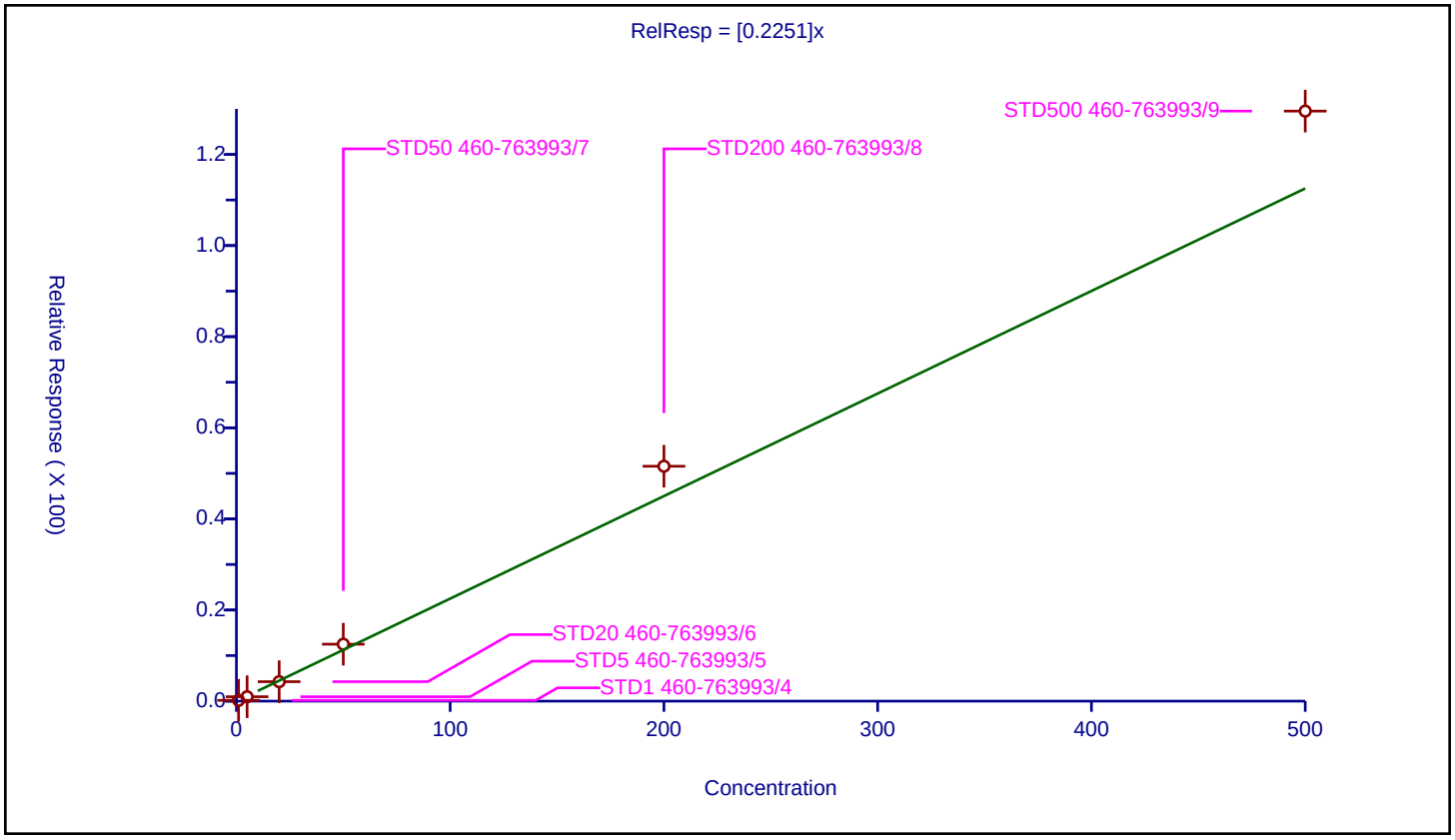
Curve Coefficients

Intercept:	0
Slope:	0.2251

Error Coefficients

Standard Error:	761000
Relative Standard Error:	15.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.176647	50.0	451183.0	0.176647	Y
2	STD5 460-763993/5	5.0	0.966418	50.0	465792.0	0.193284	Y
3	STD20 460-763993/6	20.0	4.272058	50.0	466438.0	0.213603	Y
4	STD50 460-763993/7	50.0	12.505012	50.0	518780.0	0.2501	Y
5	STD200 460-763993/8	200.0	51.562181	50.0	553873.0	0.257811	Y
6	STD500 460-763993/9	500.0	129.512014	50.0	616903.0	0.259024	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

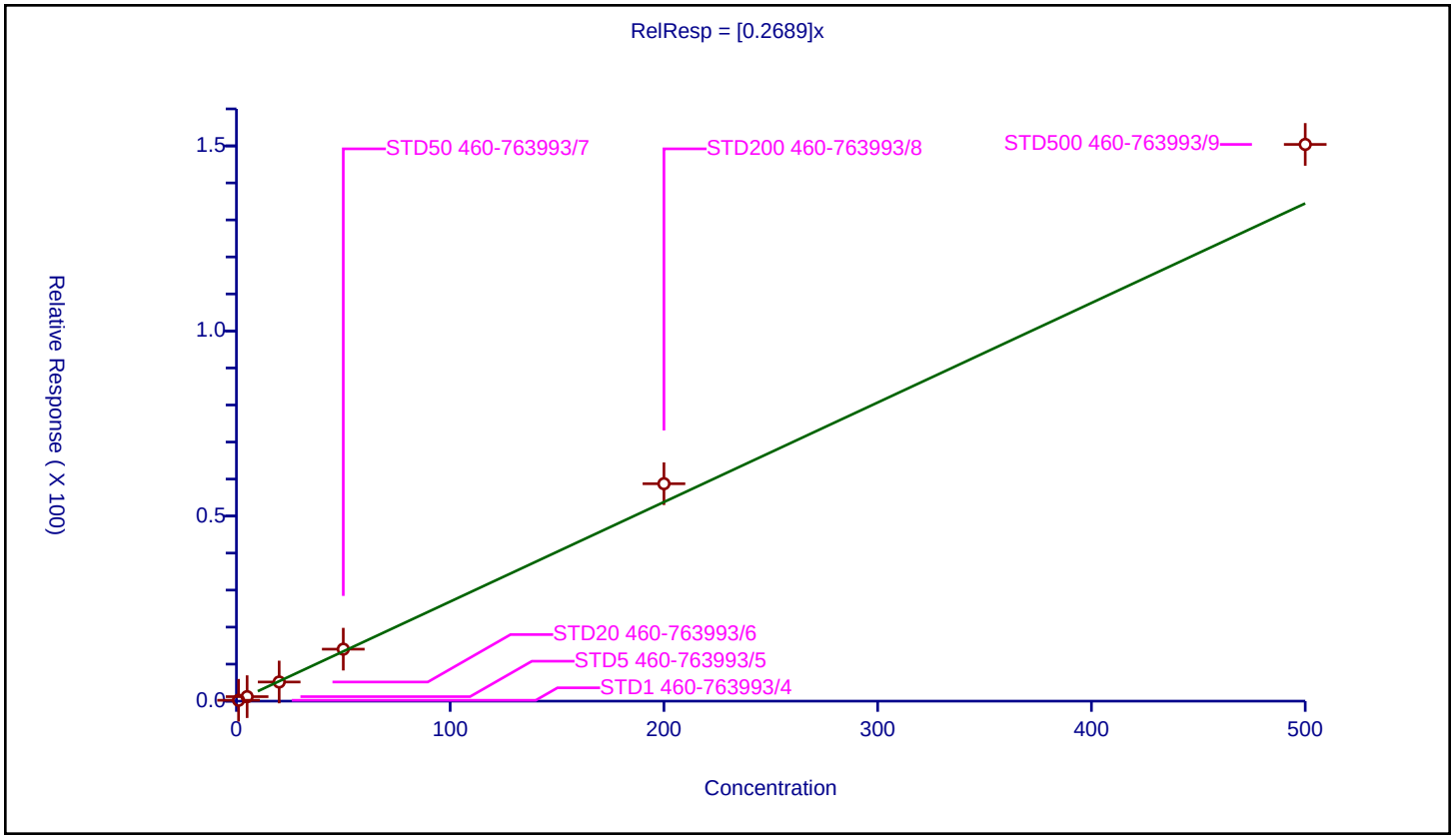
Curve Coefficients

Intercept:	0
Slope:	0.2689

Error Coefficients

Standard Error:	882000
Relative Standard Error:	9.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.237154	50.0	451183.0	0.237154	Y
2	STD5 460-763993/5	5.0	1.213954	50.0	465792.0	0.242791	Y
3	STD20 460-763993/6	20.0	5.166603	50.0	466438.0	0.25833	Y
4	STD50 460-763993/7	50.0	14.040537	50.0	518780.0	0.280811	Y
5	STD200 460-763993/8	200.0	58.73991	50.0	553873.0	0.2937	Y
6	STD500 460-763993/9	500.0	150.403953	50.0	616903.0	0.300808	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

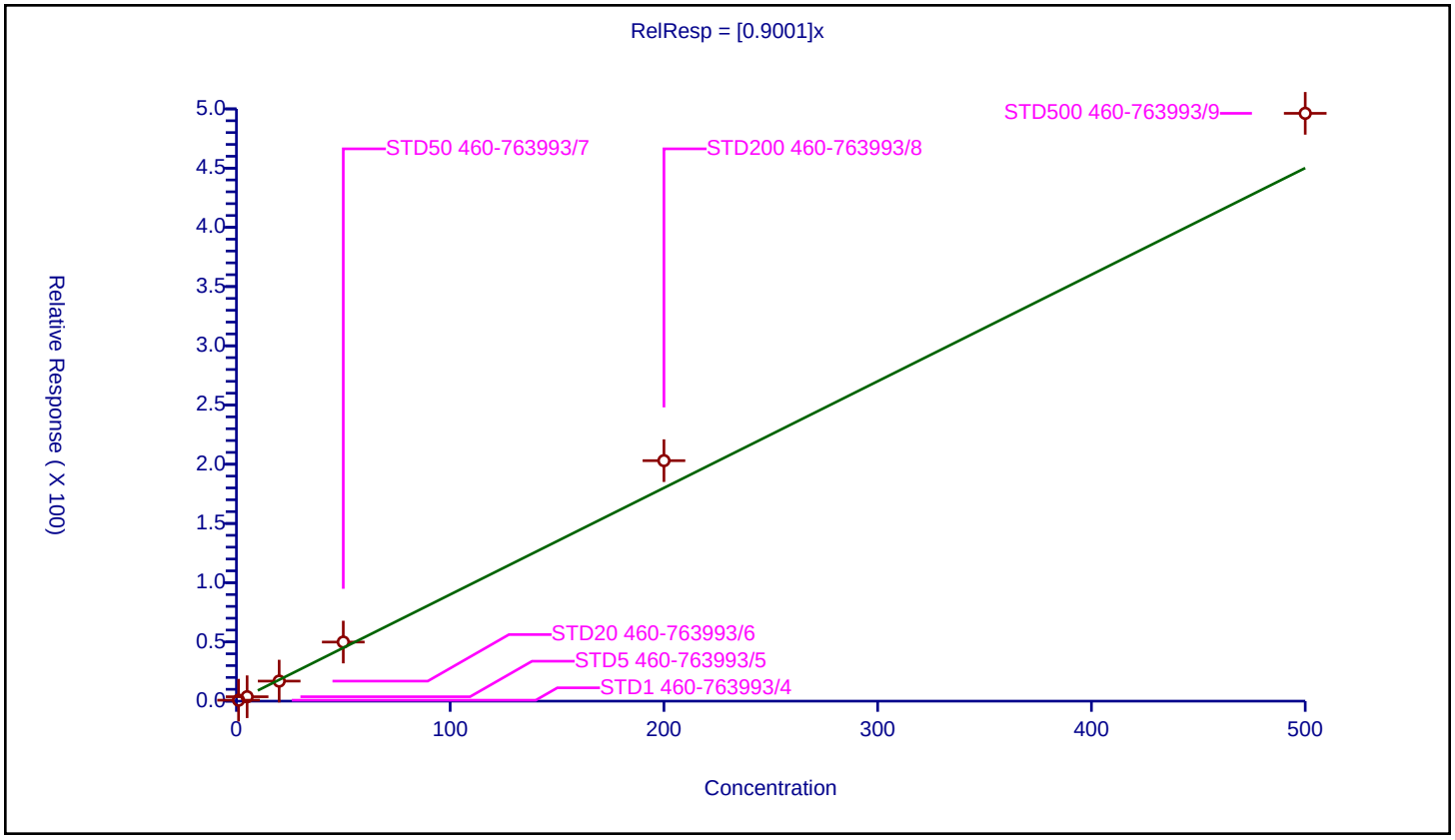
Curve Coefficients

Intercept:	0
Slope:	0.9001

Error Coefficients

Standard Error:	1820000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.807088	50.0	263602.0	0.807088	Y
2	STD5 460-763993/5	5.0	3.712536	50.0	275701.0	0.742507	Y
3	STD20 460-763993/6	20.0	16.918157	50.0	282516.0	0.845908	Y
4	STD50 460-763993/7	50.0	49.883232	50.0	322434.0	0.997665	Y
5	STD200 460-763993/8	200.0	203.03575	50.0	343243.0	1.015179	Y
6	STD500 460-763993/9	500.0	496.240306	50.0	384260.0	0.992481	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

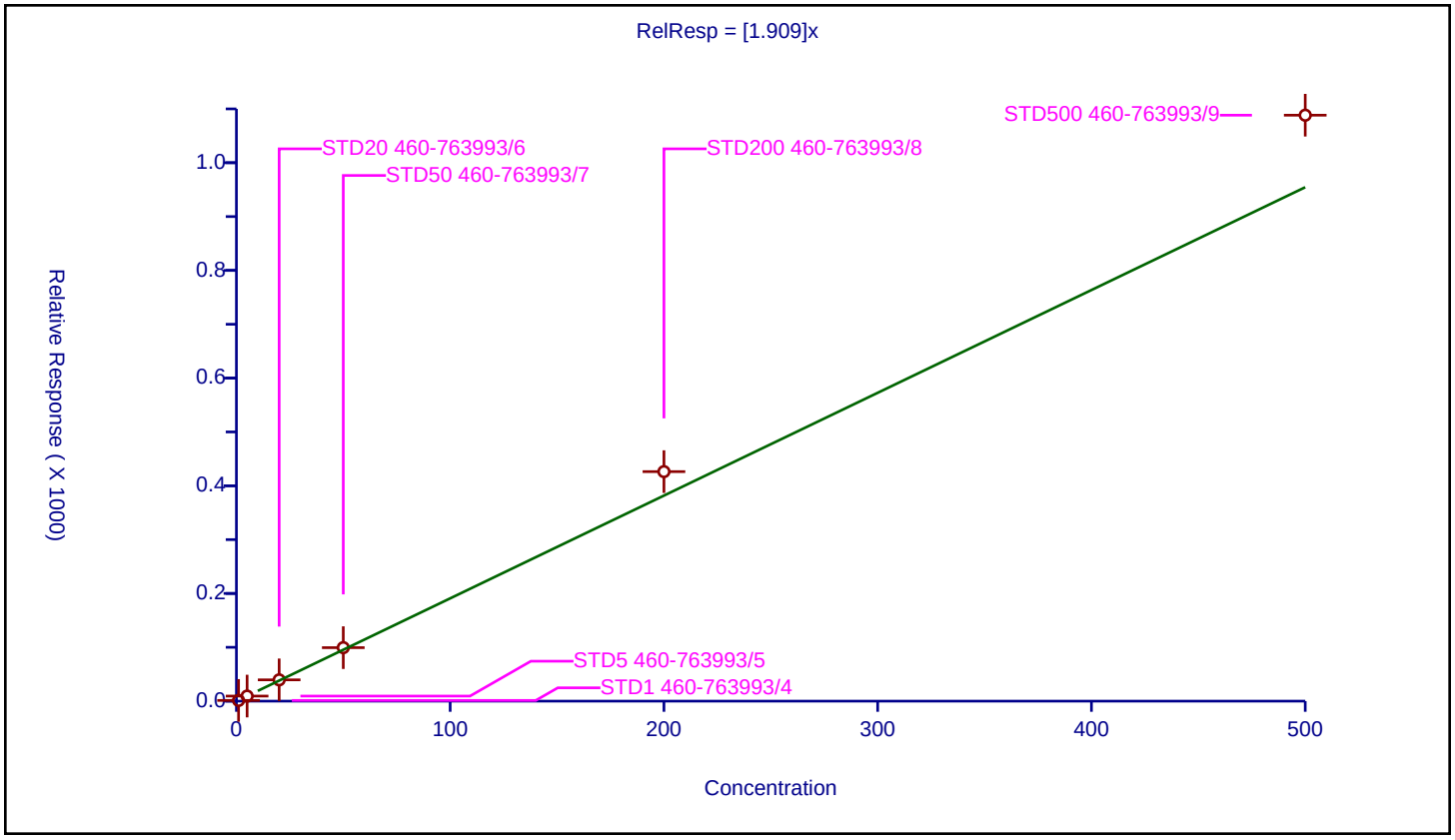
Curve Coefficients

Intercept:	0
Slope:	1.909

Error Coefficients

Standard Error:	6380000
Relative Standard Error:	16.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.294043	50.0	451183.0	1.294043	Y
2	STD5 460-763993/5	5.0	9.434147	50.0	465792.0	1.886829	Y
3	STD20 460-763993/6	20.0	39.542983	50.0	466438.0	1.977149	Y
4	STD50 460-763993/7	50.0	99.366302	50.0	518780.0	1.987326	Y
5	STD200 460-763993/8	200.0	426.297454	50.0	553873.0	2.131487	Y
6	STD500 460-763993/9	500.0	1088.258365	50.0	616903.0	2.176517	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

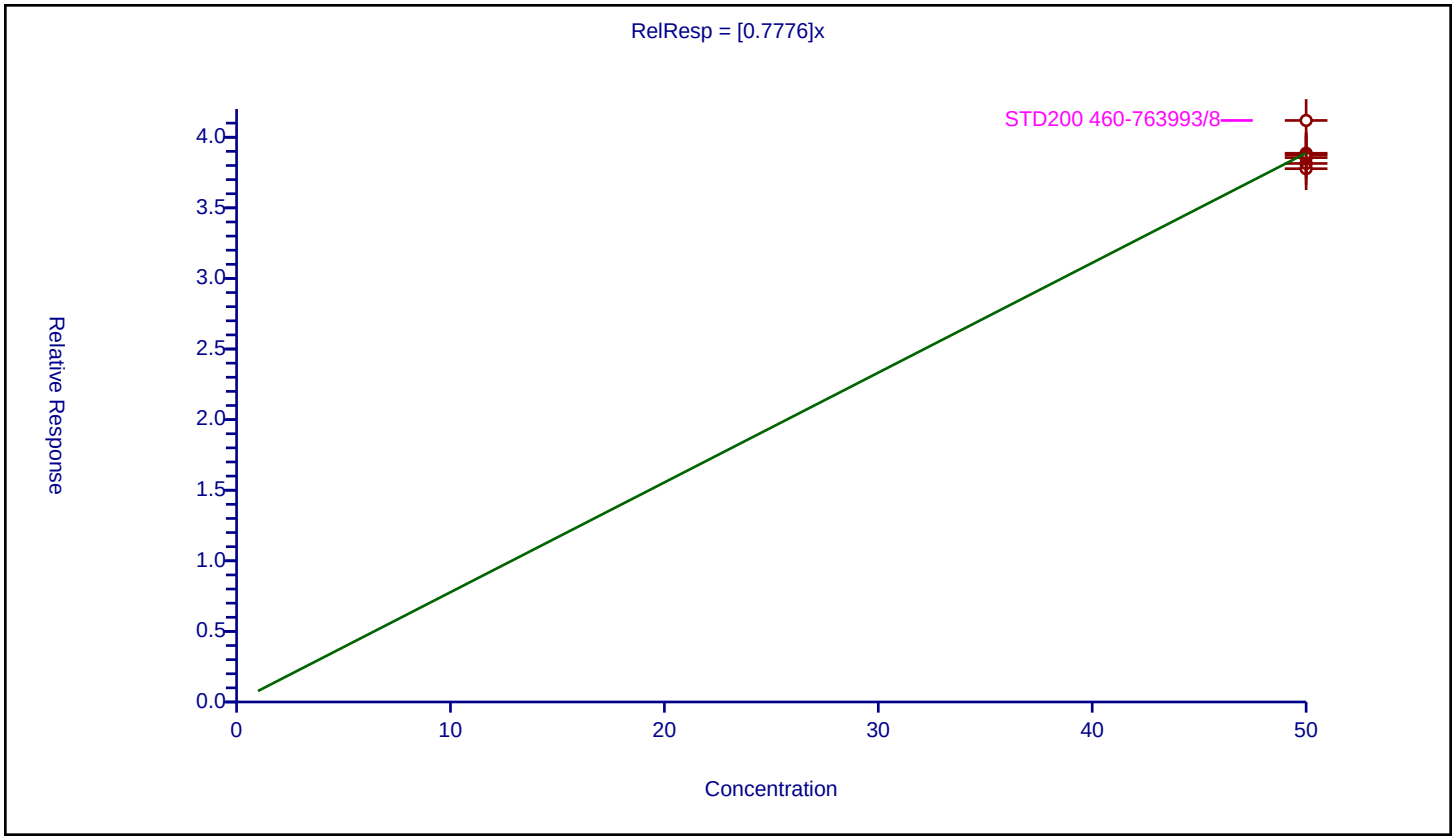
Curve Coefficients

Intercept:	0
Slope:	0.7776

Error Coefficients

Standard Error:	269000
Relative Standard Error:	3.1
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	50.0	38.737756	50.0	263602.0	0.774755	Y
2	STD5 460-763993/5	50.0	37.772442	50.0	275701.0	0.755449	Y
3	STD20 460-763993/6	50.0	38.867356	50.0	282516.0	0.777347	Y
4	STD50 460-763993/7	50.0	38.554402	50.0	322434.0	0.771088	Y
5	STD200 460-763993/8	50.0	41.189624	50.0	343243.0	0.823792	Y
6	STD500 460-763993/9	50.0	38.143705	50.0	384260.0	0.762874	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

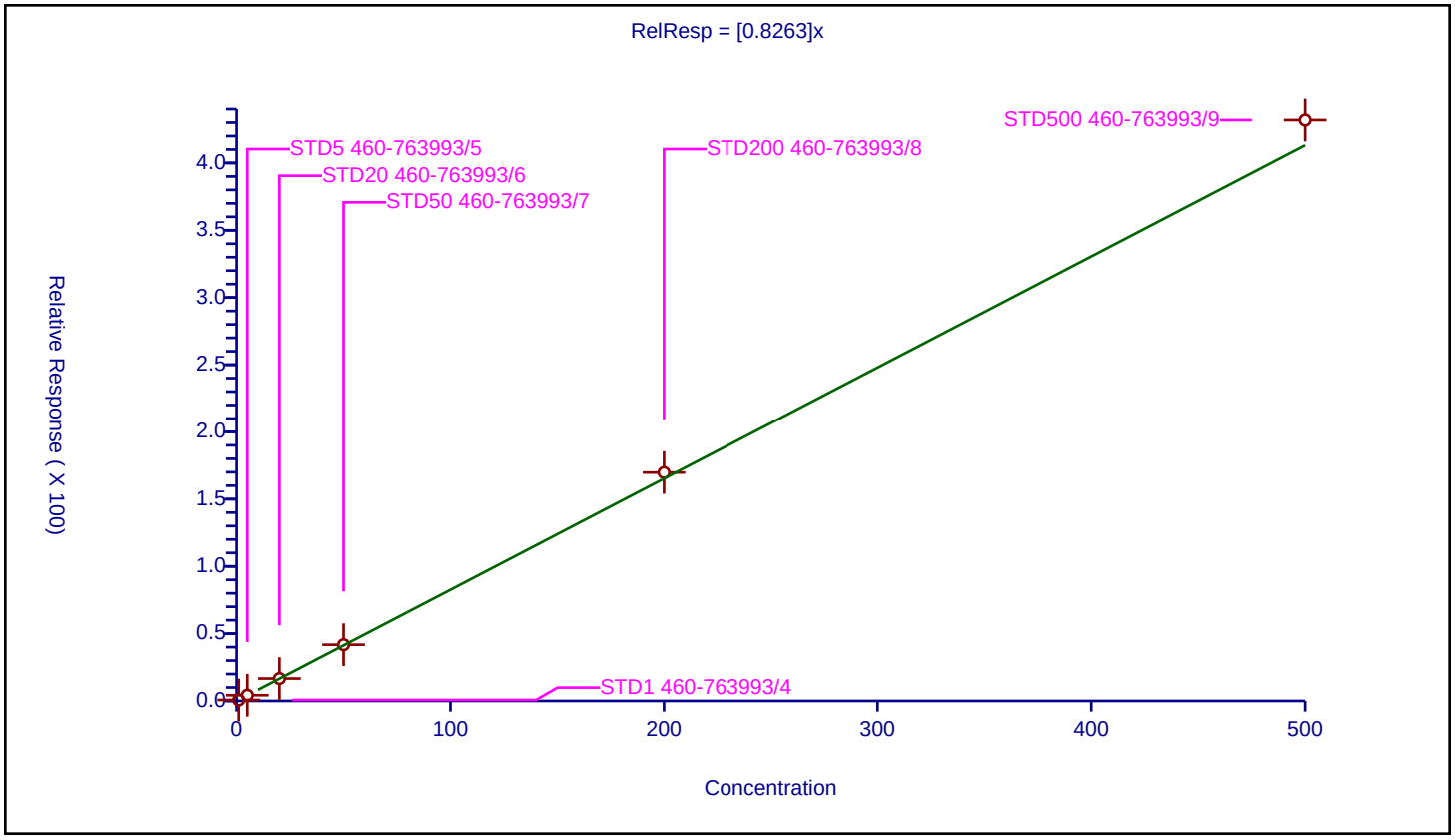
Curve Coefficients

Intercept:	0
Slope:	0.8263

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	5.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.72913	50.0	263602.0	0.72913	Y
2	STD5 460-763993/5	5.0	4.239194	50.0	275701.0	0.847839	Y
3	STD20 460-763993/6	20.0	16.642066	50.0	282516.0	0.832103	Y
4	STD50 460-763993/7	50.0	41.803129	50.0	322434.0	0.836063	Y
5	STD200 460-763993/8	200.0	169.783943	50.0	343243.0	0.84892	Y
6	STD500 460-763993/9	500.0	431.883751	50.0	384260.0	0.863768	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

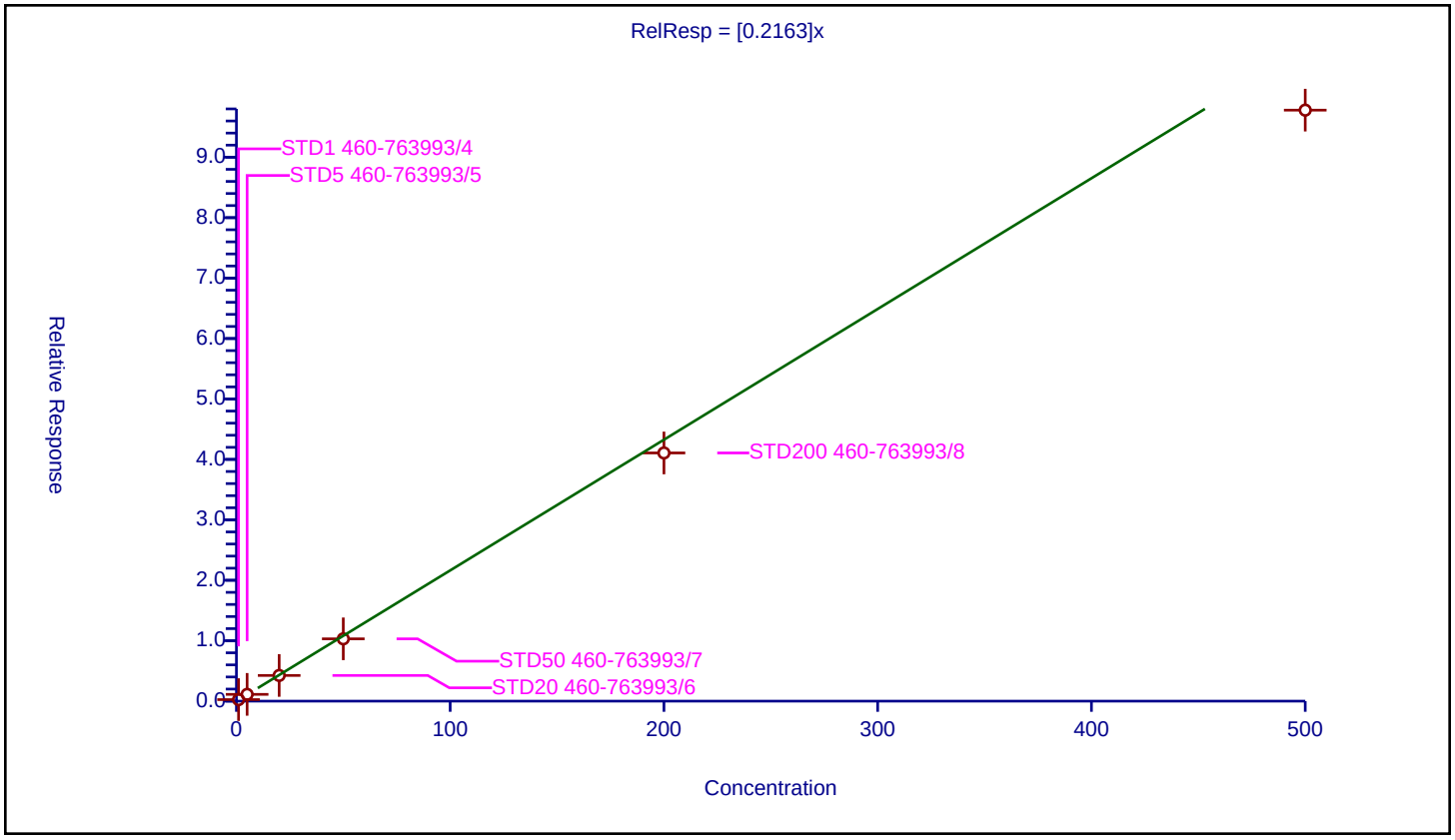
Curve Coefficients

Intercept:	0
Slope:	0.2163

Error Coefficients

Standard Error:	360000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.253981	50.0	263602.0	0.253981	Y
2	STD5 460-763993/5	5.0	1.121323	50.0	275701.0	0.224265	Y
3	STD20 460-763993/6	20.0	4.248786	50.0	282516.0	0.212439	Y
4	STD50 460-763993/7	50.0	10.309087	50.0	322434.0	0.206182	Y
5	STD200 460-763993/8	200.0	41.066533	50.0	343243.0	0.205333	Y
6	STD500 460-763993/9	500.0	97.794202	50.0	384260.0	0.195588	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

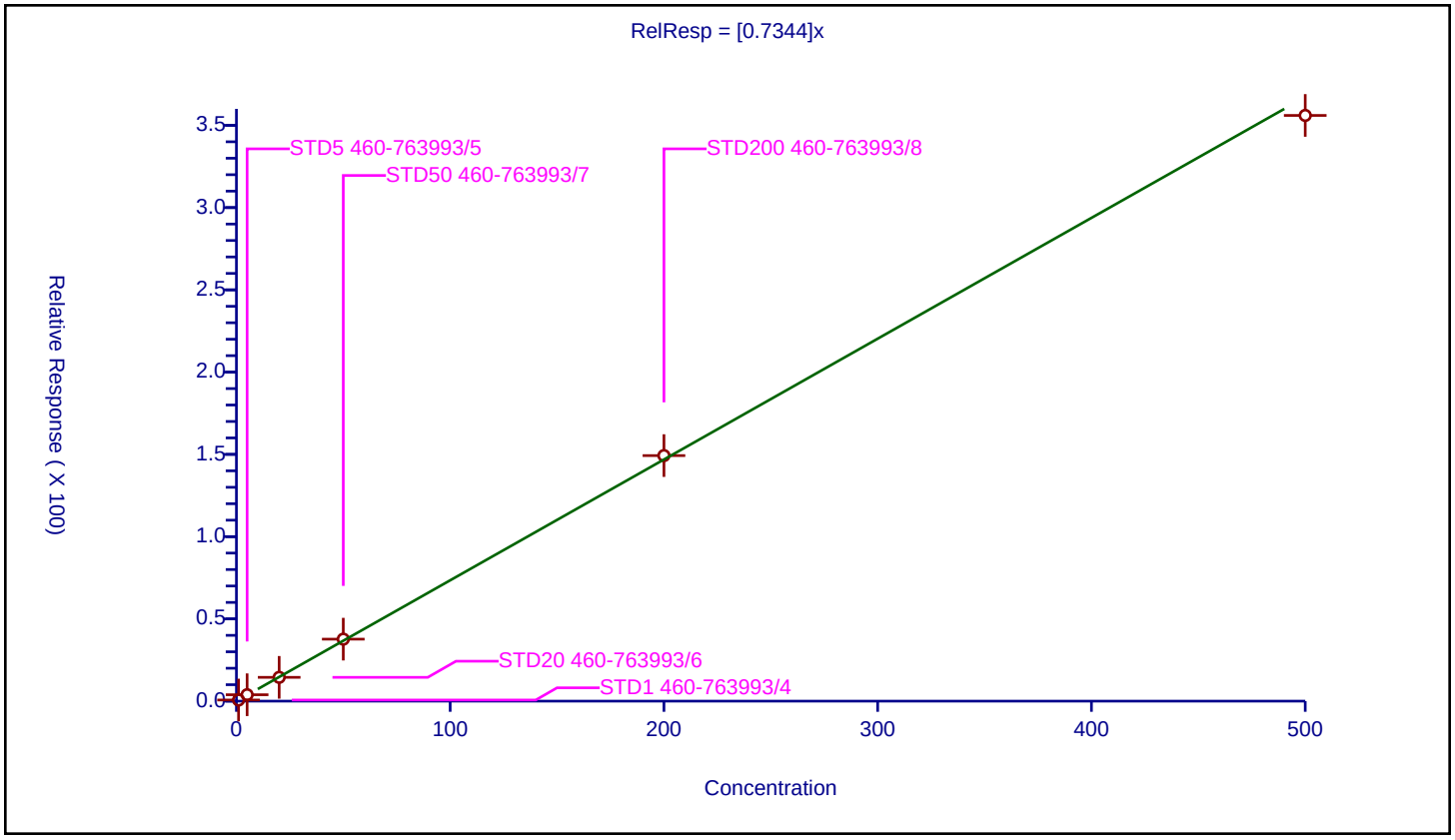
Curve Coefficients

Intercept:	0
Slope:	0.7344

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.692332	50.0	263602.0	0.692332	Y
2	STD5 460-763993/5	5.0	3.894074	50.0	275701.0	0.778815	Y
3	STD20 460-763993/6	20.0	14.462367	50.0	282516.0	0.723118	Y
4	STD50 460-763993/7	50.0	37.68089	50.0	322434.0	0.753618	Y
5	STD200 460-763993/8	200.0	149.263641	50.0	343243.0	0.746318	Y
6	STD500 460-763993/9	500.0	356.020143	50.0	384260.0	0.71204	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

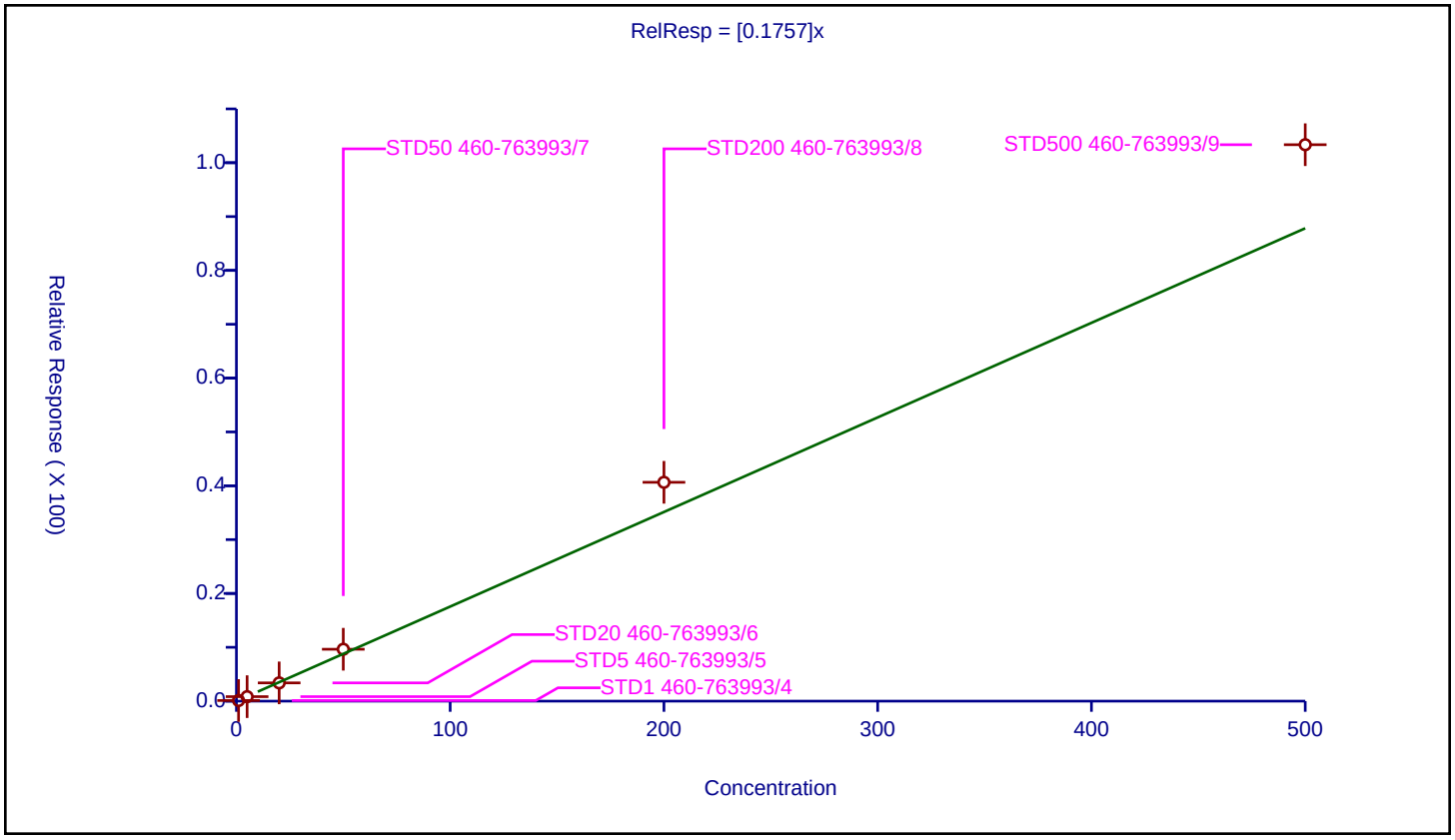
Curve Coefficients

Intercept:	0
Slope:	0.1757

Error Coefficients

Standard Error:	378000
Relative Standard Error:	19.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.115325	50.0	263602.0	0.115325	Y
2	STD5 460-763993/5	5.0	0.831879	50.0	275701.0	0.166376	Y
3	STD20 460-763993/6	20.0	3.390427	50.0	282516.0	0.169521	Y
4	STD50 460-763993/7	50.0	9.637631	50.0	322434.0	0.192753	Y
5	STD200 460-763993/8	200.0	40.647879	50.0	343243.0	0.203239	Y
6	STD500 460-763993/9	500.0	103.34422	50.0	384260.0	0.206688	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

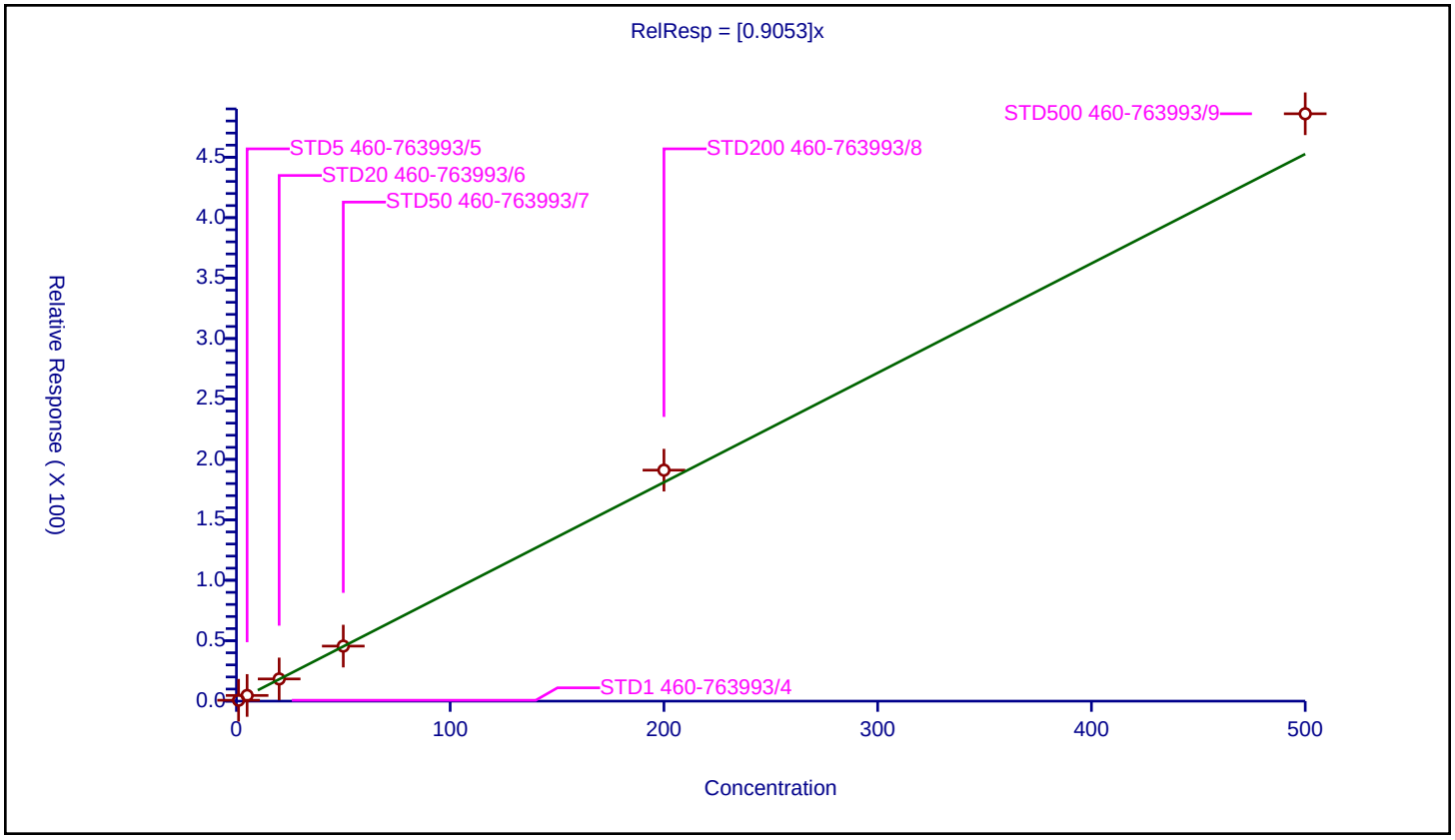
Curve Coefficients

Intercept:	0
Slope:	0.9053

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	9.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.736717	50.0	263602.0	0.736717	Y
2	STD5 460-763993/5	5.0	4.693853	50.0	275701.0	0.938771	Y
3	STD20 460-763993/6	20.0	18.362854	50.0	282516.0	0.918143	Y
4	STD50 460-763993/7	50.0	45.535055	50.0	322434.0	0.910701	Y
5	STD200 460-763993/8	200.0	191.099309	50.0	343243.0	0.955497	Y
6	STD500 460-763993/9	500.0	485.961849	50.0	384260.0	0.971924	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

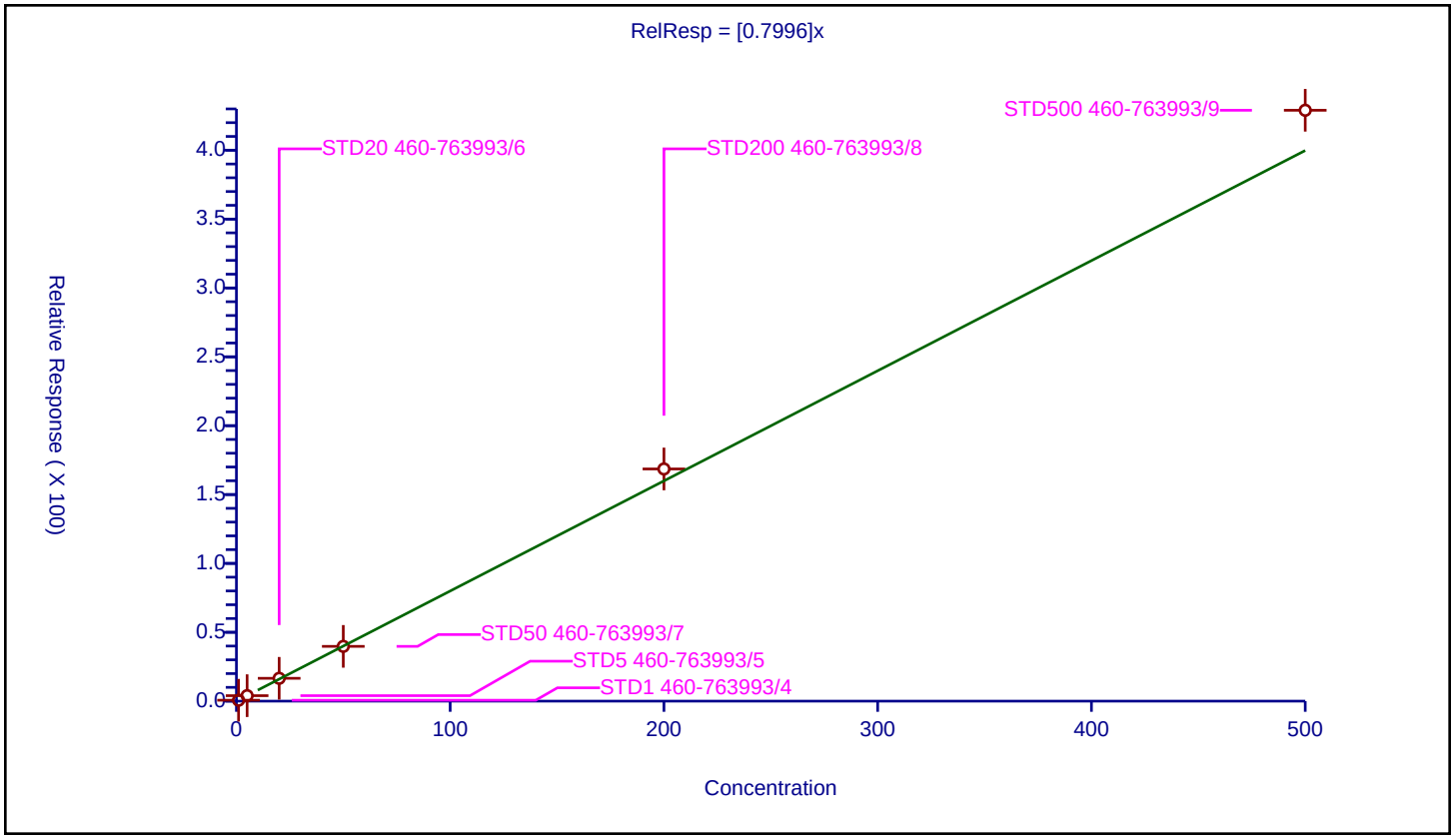
Curve Coefficients

Intercept:	0
Slope:	0.7996

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	8.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.67545	50.0	263602.0	0.67545	Y
2	STD5 460-763993/5	5.0	3.981124	50.0	275701.0	0.796225	Y
3	STD20 460-763993/6	20.0	16.590742	50.0	282516.0	0.829537	Y
4	STD50 460-763993/7	50.0	39.763486	50.0	322434.0	0.79527	Y
5	STD200 460-763993/8	200.0	168.584064	50.0	343243.0	0.84292	Y
6	STD500 460-763993/9	500.0	428.989096	50.0	384260.0	0.857978	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

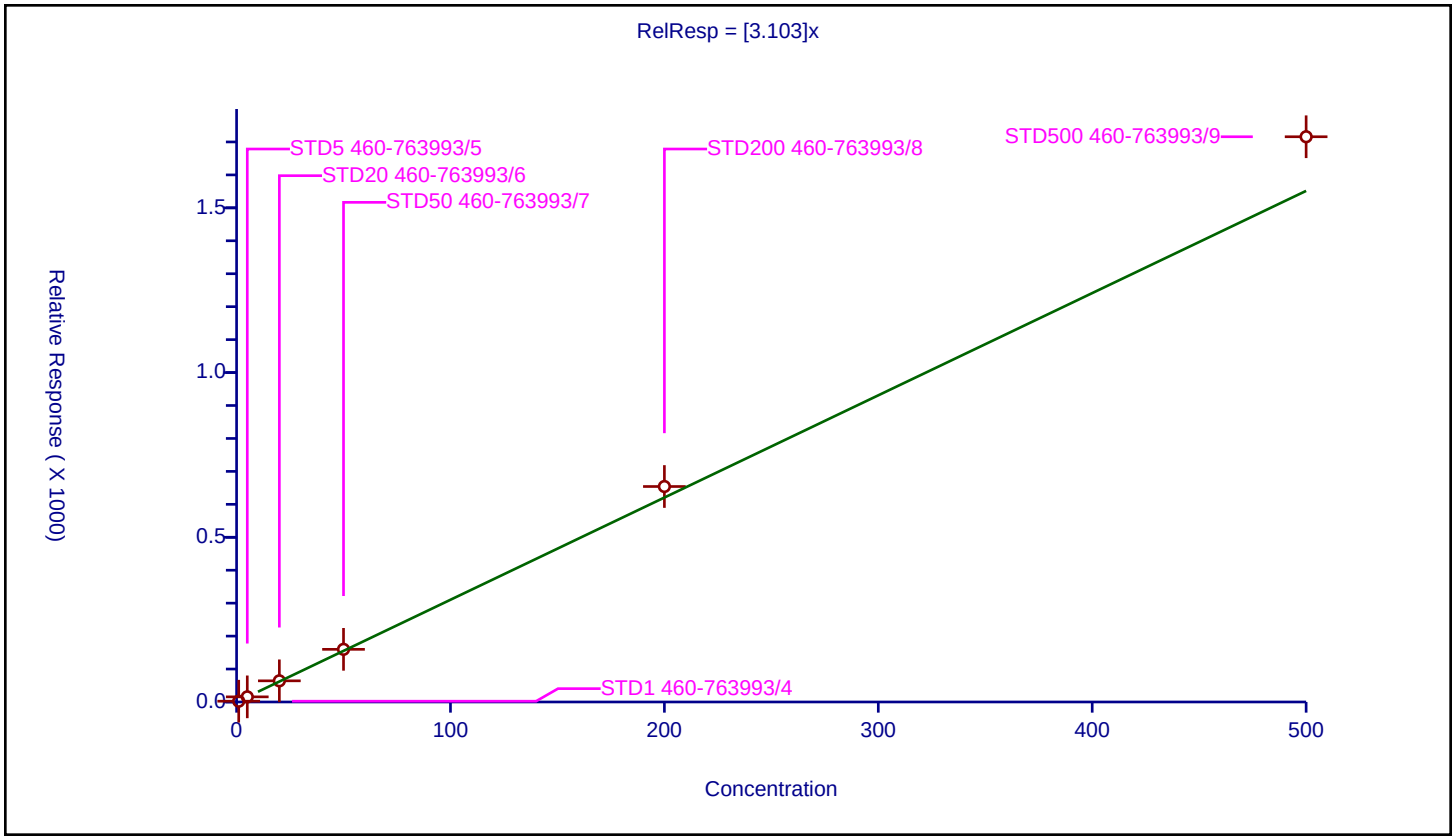
Curve Coefficients

Intercept:	0
Slope:	3.103

Error Coefficients

Standard Error:	6250000
Relative Standard Error:	11.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.389967	50.0	263602.0	2.389967	Y
2	STD5 460-763993/5	5.0	15.577927	50.0	275701.0	3.115585	Y
3	STD20 460-763993/6	20.0	64.271404	50.0	282516.0	3.21357	Y
4	STD50 460-763993/7	50.0	159.840463	50.0	322434.0	3.196809	Y
5	STD200 460-763993/8	200.0	654.070003	50.0	343243.0	3.27035	Y
6	STD500 460-763993/9	500.0	1715.77877	50.0	384260.0	3.431558	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

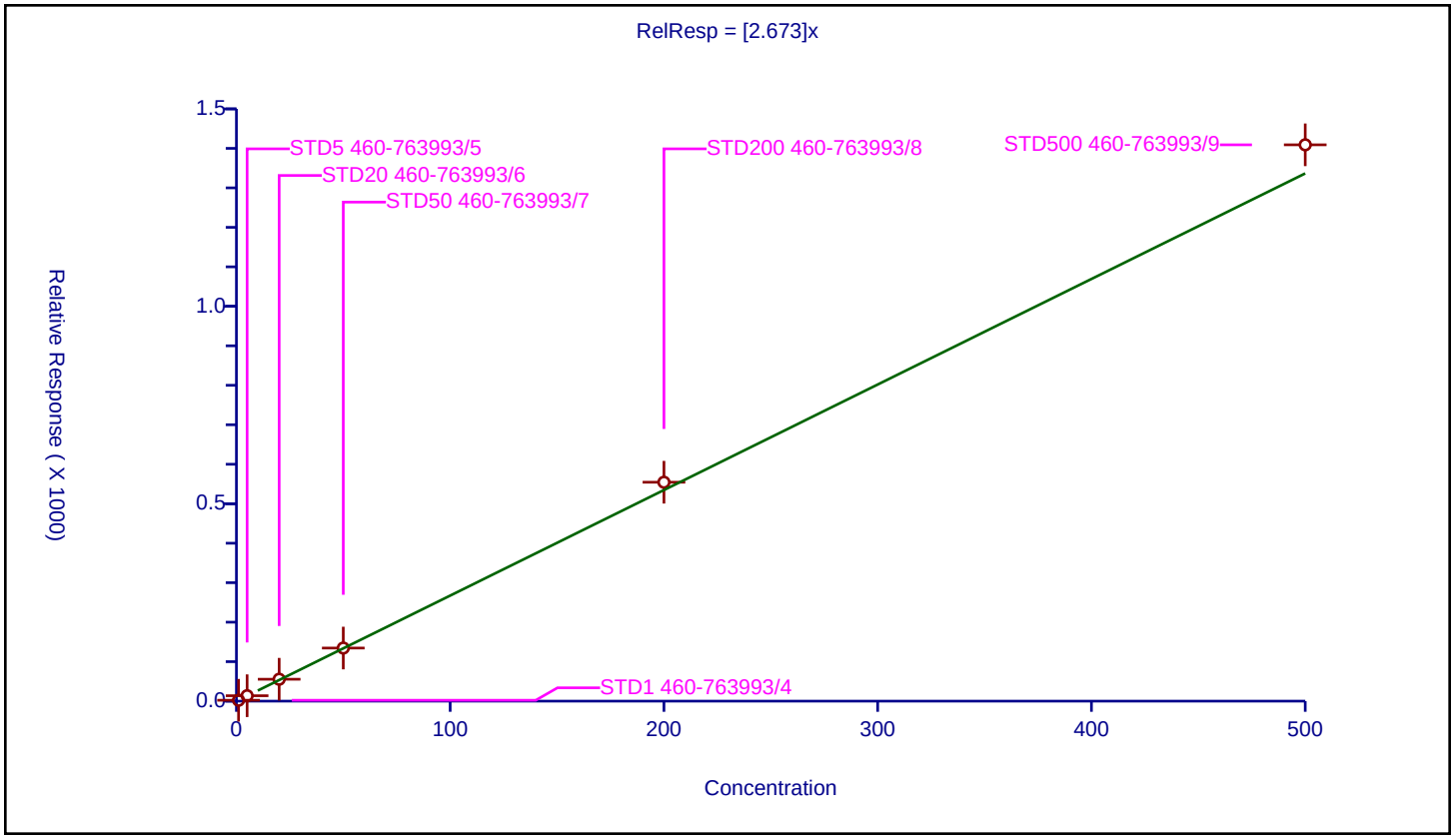
Curve Coefficients

Intercept:	0
Slope:	2.673

Error Coefficients

Standard Error:	5150000
Relative Standard Error:	8.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.238602	50.0	263602.0	2.238602	Y
2	STD5 460-763993/5	5.0	13.723381	50.0	275701.0	2.744676	Y
3	STD20 460-763993/6	20.0	55.50429	50.0	282516.0	2.775215	Y
4	STD50 460-763993/7	50.0	134.477754	50.0	322434.0	2.689555	Y
5	STD200 460-763993/8	200.0	554.455298	50.0	343243.0	2.772276	Y
6	STD500 460-763993/9	500.0	1409.012257	50.0	384260.0	2.818025	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

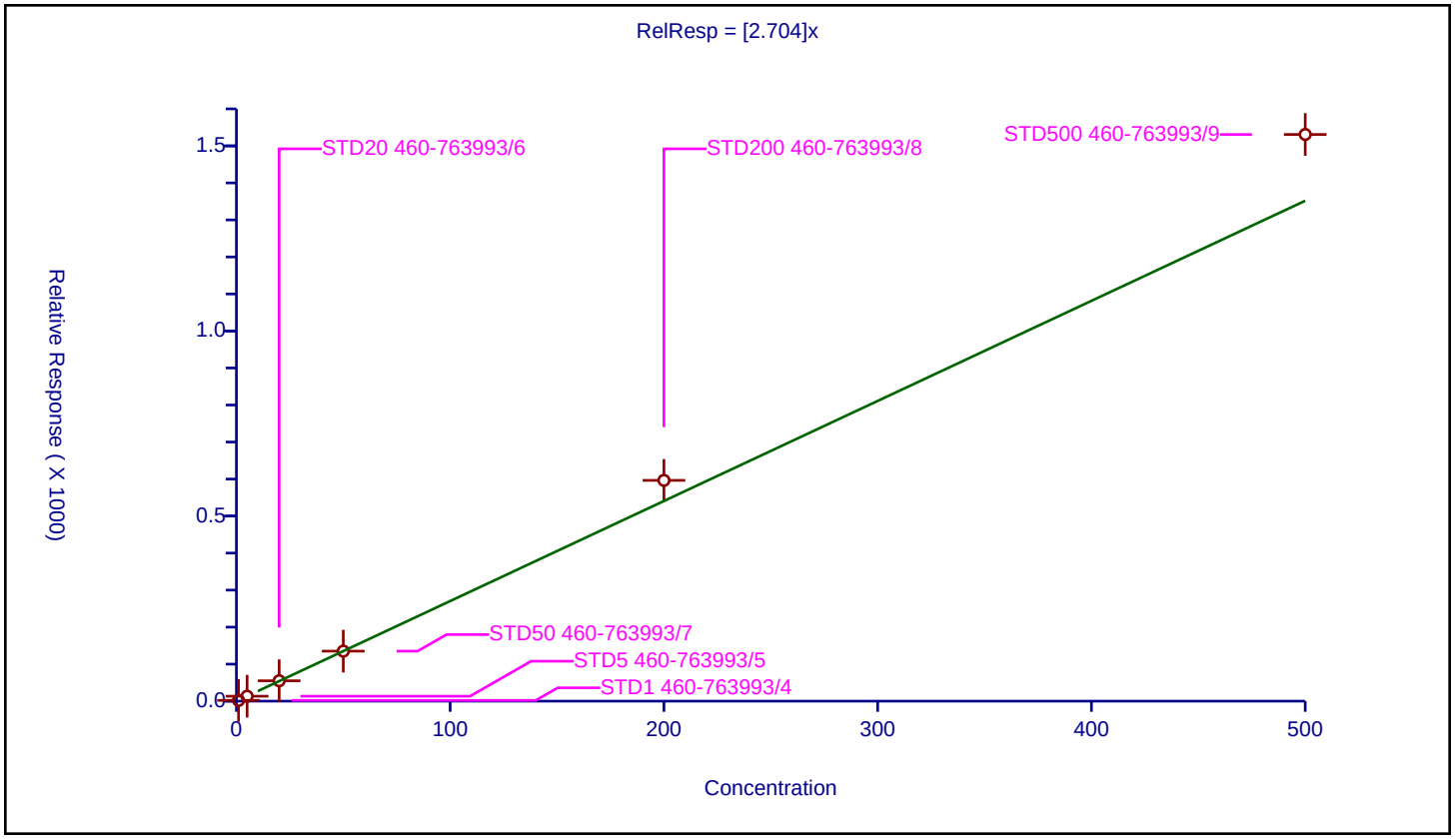
Curve Coefficients

Intercept:	0
Slope:	2.704

Error Coefficients

Standard Error:	5590000
Relative Standard Error:	13.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.05632	50.0	263602.0	2.05632	Y
2	STD5 460-763993/5	5.0	13.348338	50.0	275701.0	2.669668	Y
3	STD20 460-763993/6	20.0	54.995469	50.0	282516.0	2.749773	Y
4	STD50 460-763993/7	50.0	135.078031	50.0	322434.0	2.701561	Y
5	STD200 460-763993/8	200.0	596.430226	50.0	343243.0	2.982151	Y
6	STD500 460-763993/9	500.0	1530.878181	50.0	384260.0	3.061756	Y



Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

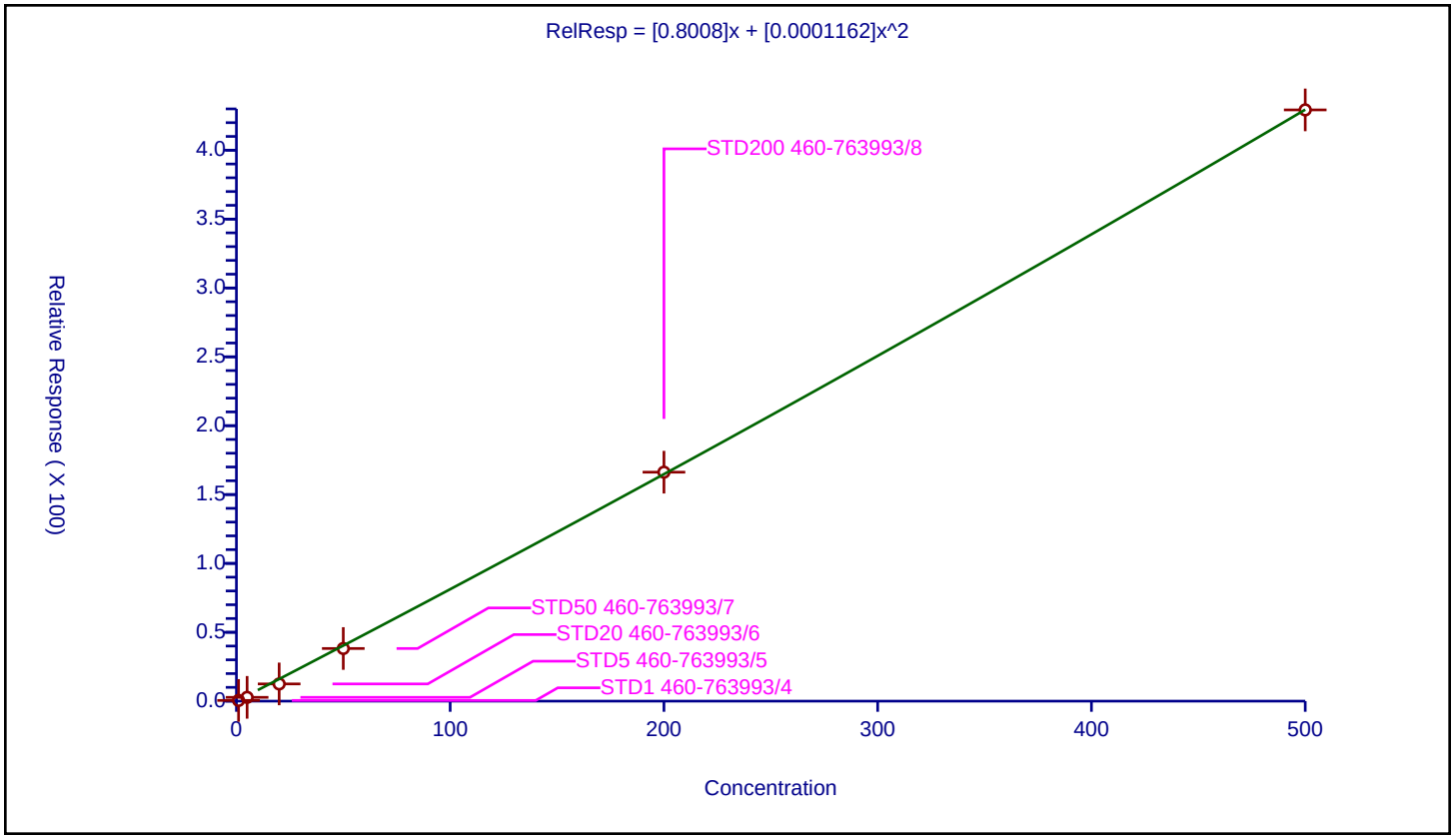
Curve Coefficients

Intercept:	0
Slope:	0.8008
Second Order:	0.0001162

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	26.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.51555	50.0	263602.0	0.51555	Y
2	STD5 460-763993/5	5.0	2.761506	50.0	275701.0	0.552301	Y
3	STD20 460-763993/6	20.0	12.497522	50.0	282516.0	0.624876	Y
4	STD50 460-763993/7	50.0	38.215108	50.0	322434.0	0.764302	Y
5	STD200 460-763993/8	200.0	166.231504	50.0	343243.0	0.831158	Y
6	STD500 460-763993/9	500.0	429.260266	50.0	384260.0	0.858521	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

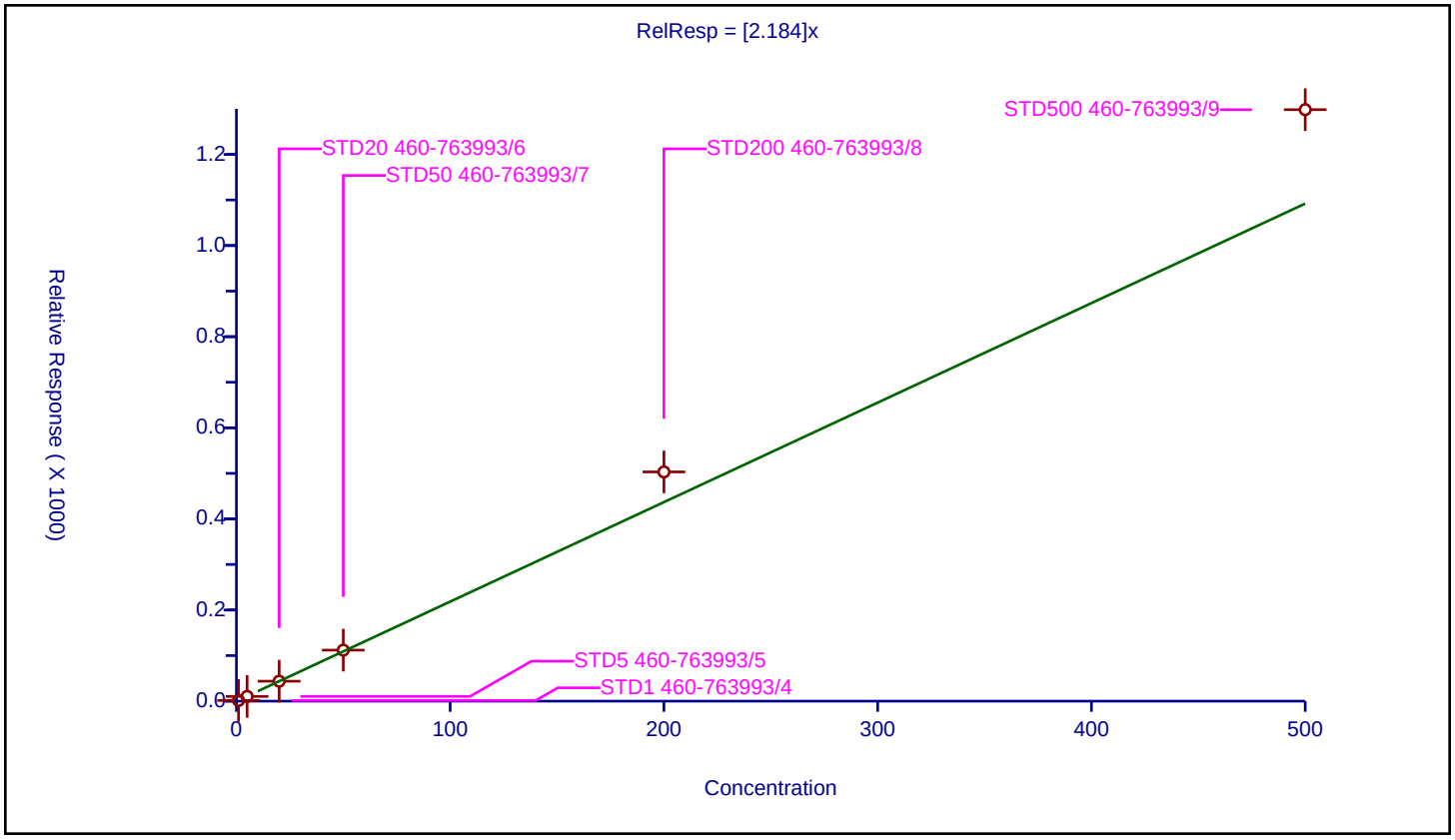
Curve Coefficients

Intercept:	0
Slope:	2.184

Error Coefficients

Standard Error:	4730000
Relative Standard Error:	18.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.491643	50.0	263602.0	1.491643	Y
2	STD5 460-763993/5	5.0	10.375552	50.0	275701.0	2.07511	Y
3	STD20 460-763993/6	20.0	43.731152	50.0	282516.0	2.186558	Y
4	STD50 460-763993/7	50.0	111.977955	50.0	322434.0	2.239559	Y
5	STD200 460-763993/8	200.0	503.150975	50.0	343243.0	2.515755	Y
6	STD500 460-763993/9	500.0	1298.291391	50.0	384260.0	2.596583	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

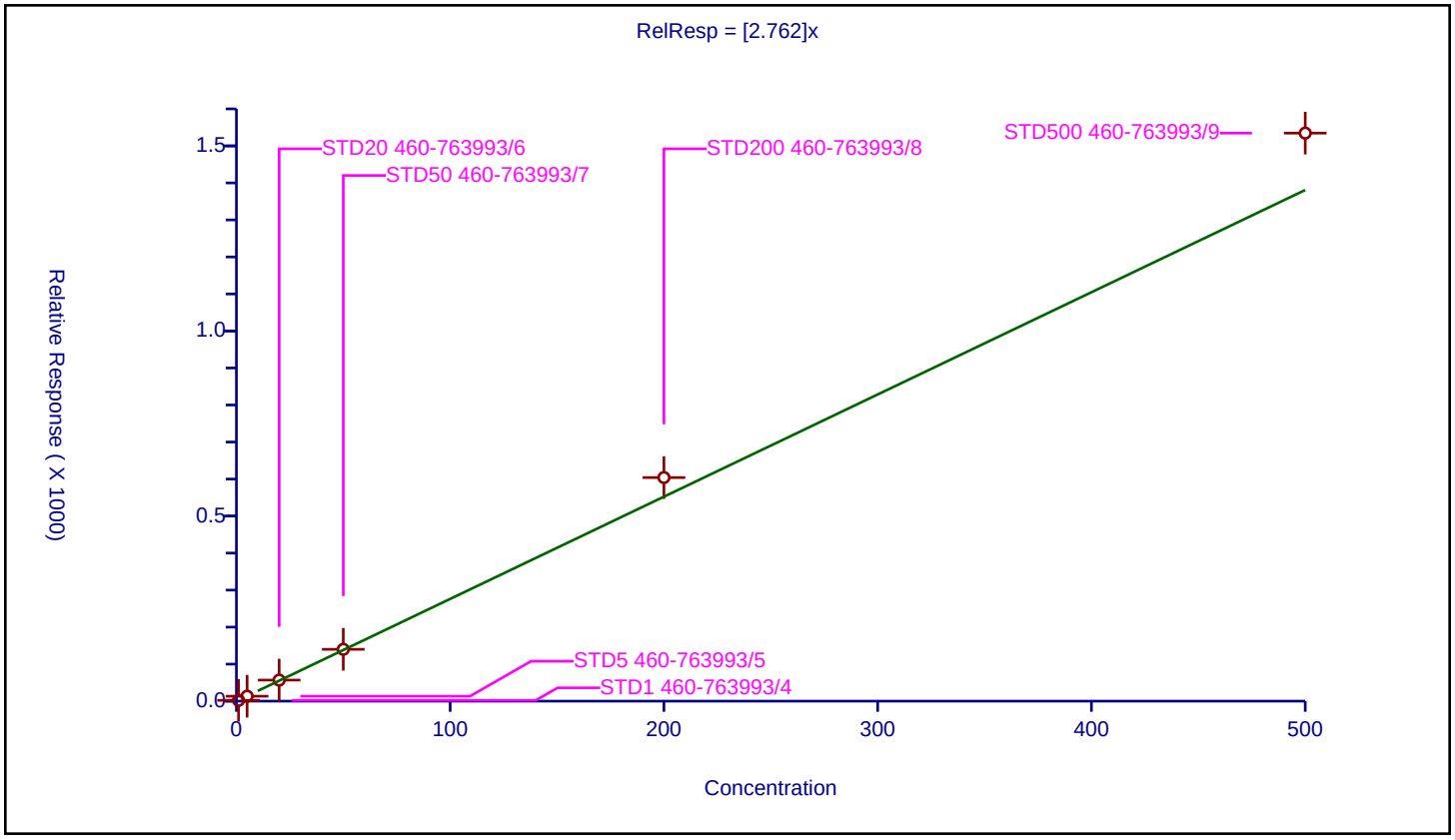
Curve Coefficients

Intercept:	0
Slope:	2.762

Error Coefficients

Standard Error:	5610000
Relative Standard Error:	11.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.165575	50.0	263602.0	2.165575	Y
2	STD5 460-763993/5	5.0	13.354504	50.0	275701.0	2.670901	Y
3	STD20 460-763993/6	20.0	56.870584	50.0	282516.0	2.843529	Y
4	STD50 460-763993/7	50.0	140.015166	50.0	322434.0	2.800303	Y
5	STD200 460-763993/8	200.0	604.029652	50.0	343243.0	3.020148	Y
6	STD500 460-763993/9	500.0	1534.529225	50.0	384260.0	3.069058	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

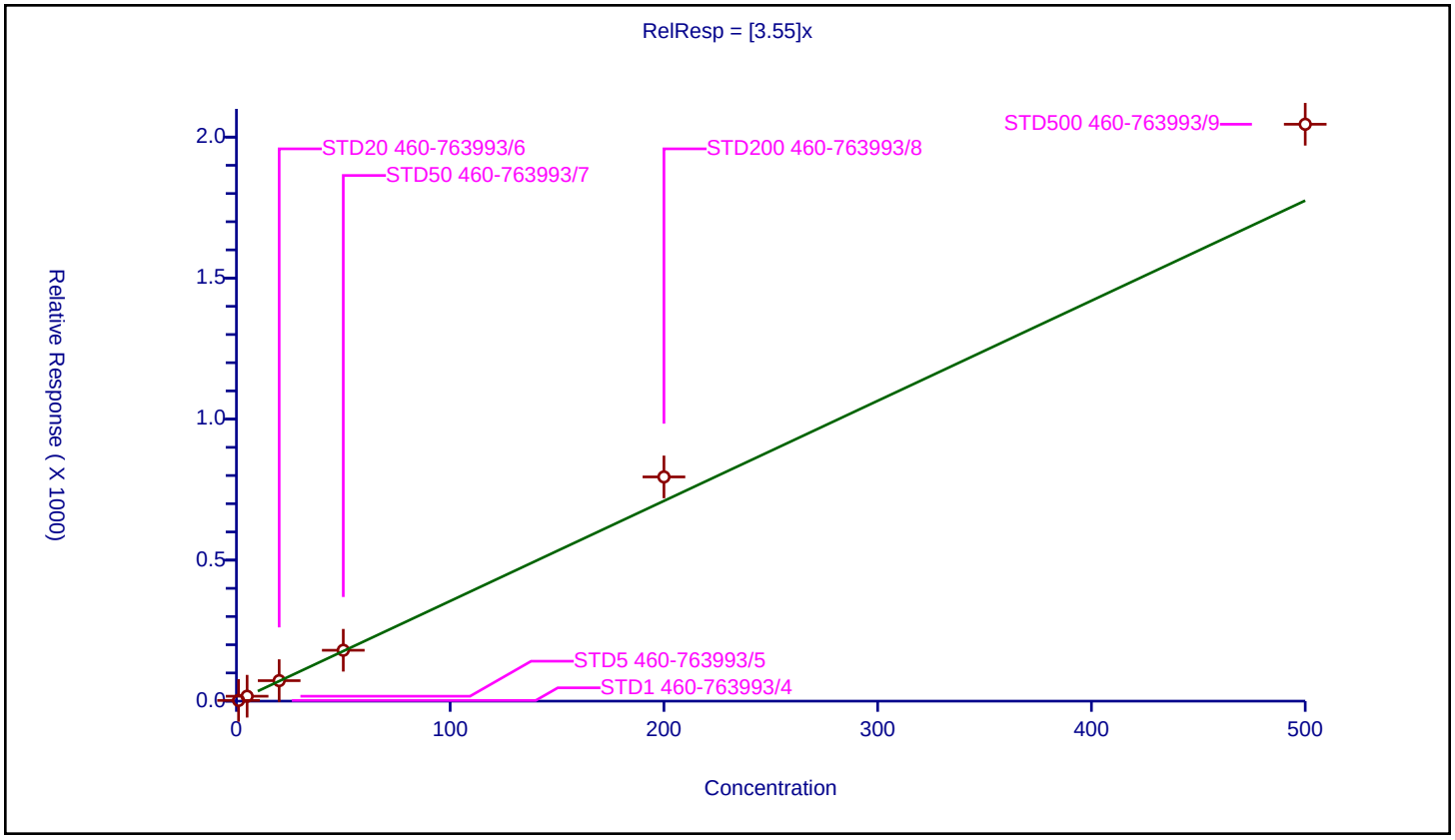
Curve Coefficients

Intercept:	0
Slope:	3.55

Error Coefficients

Standard Error:	7460000
Relative Standard Error:	15.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.497136	50.0	263602.0	2.497136	Y
2	STD5 460-763993/5	5.0	17.469106	50.0	275701.0	3.493821	Y
3	STD20 460-763993/6	20.0	72.667035	50.0	282516.0	3.633352	Y
4	STD50 460-763993/7	50.0	180.382187	50.0	322434.0	3.607644	Y
5	STD200 460-763993/8	200.0	795.012426	50.0	343243.0	3.975062	Y
6	STD500 460-763993/9	500.0	2045.548717	50.0	384260.0	4.091097	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

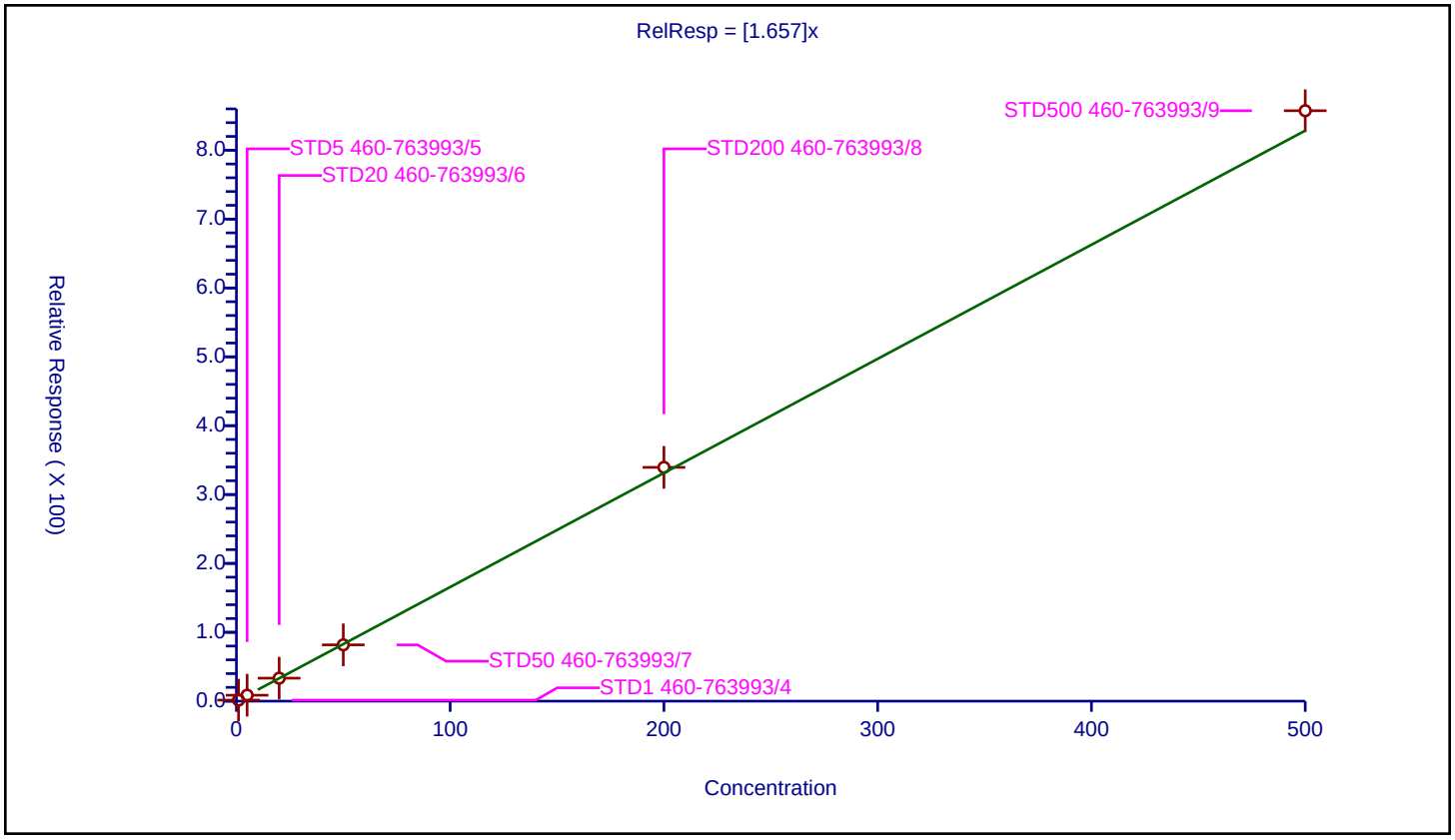
Curve Coefficients

Intercept:	0
Slope:	1.657

Error Coefficients

Standard Error:	3140000
Relative Standard Error:	5.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.502265	50.0	263602.0	1.502265	Y
2	STD5 460-763993/5	5.0	8.616218	50.0	275701.0	1.723244	Y
3	STD20 460-763993/6	20.0	33.36696	50.0	282516.0	1.668348	Y
4	STD50 460-763993/7	50.0	81.754561	50.0	322434.0	1.635091	Y
5	STD200 460-763993/8	200.0	339.460674	50.0	343243.0	1.697303	Y
6	STD500 460-763993/9	500.0	857.323817	50.0	384260.0	1.714648	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

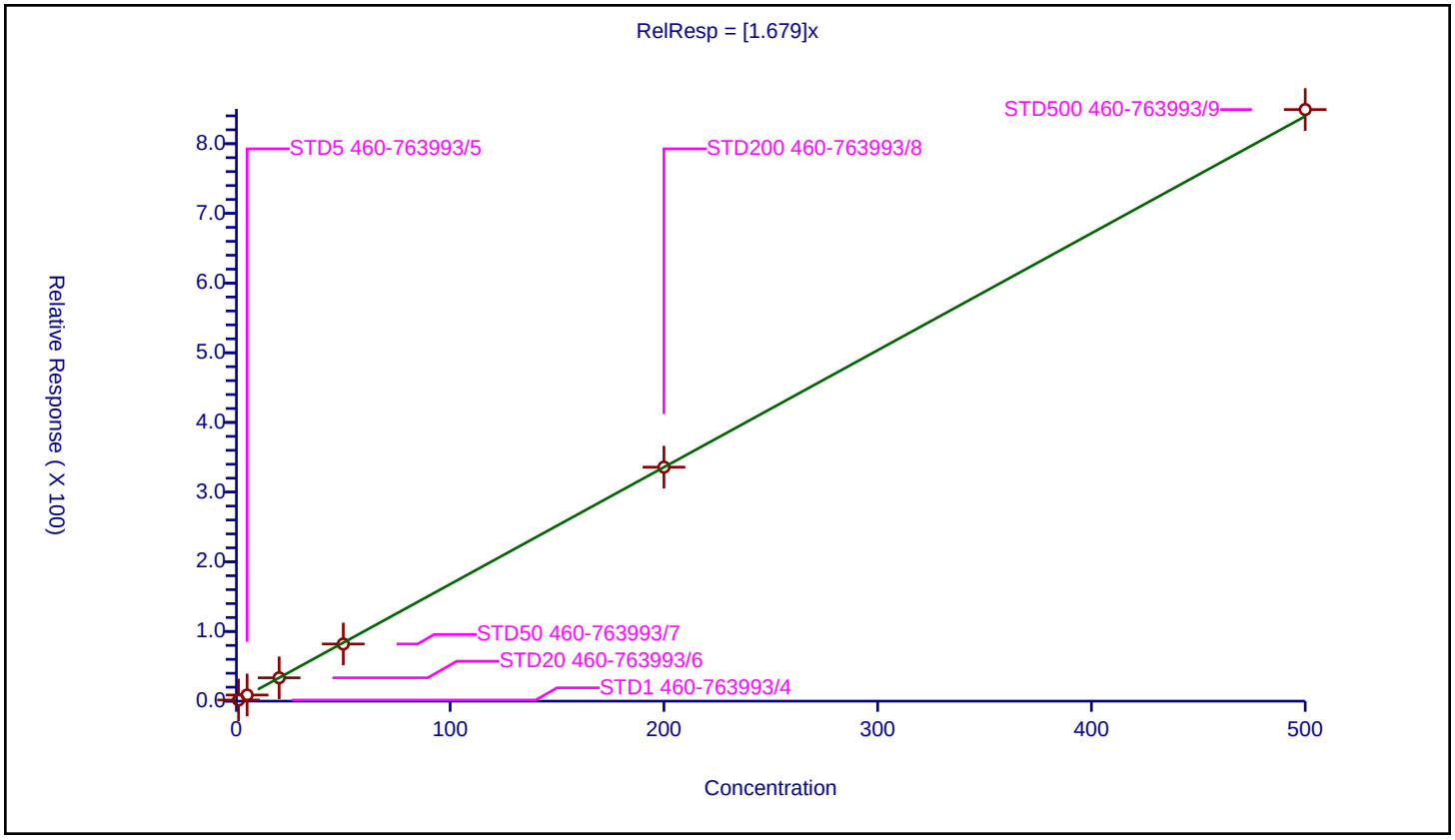
Curve Coefficients

Intercept:	0
Slope:	1.679

Error Coefficients

Standard Error:	3100000
Relative Standard Error:	3.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.613038	50.0	263602.0	1.613038	Y
2	STD5 460-763993/5	5.0	8.830037	50.0	275701.0	1.766007	Y
3	STD20 460-763993/6	20.0	33.514208	50.0	282516.0	1.67571	Y
4	STD50 460-763993/7	50.0	82.016009	50.0	322434.0	1.64032	Y
5	STD200 460-763993/8	200.0	335.831612	50.0	343243.0	1.679158	Y
6	STD500 460-763993/9	500.0	849.044657	50.0	384260.0	1.698089	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

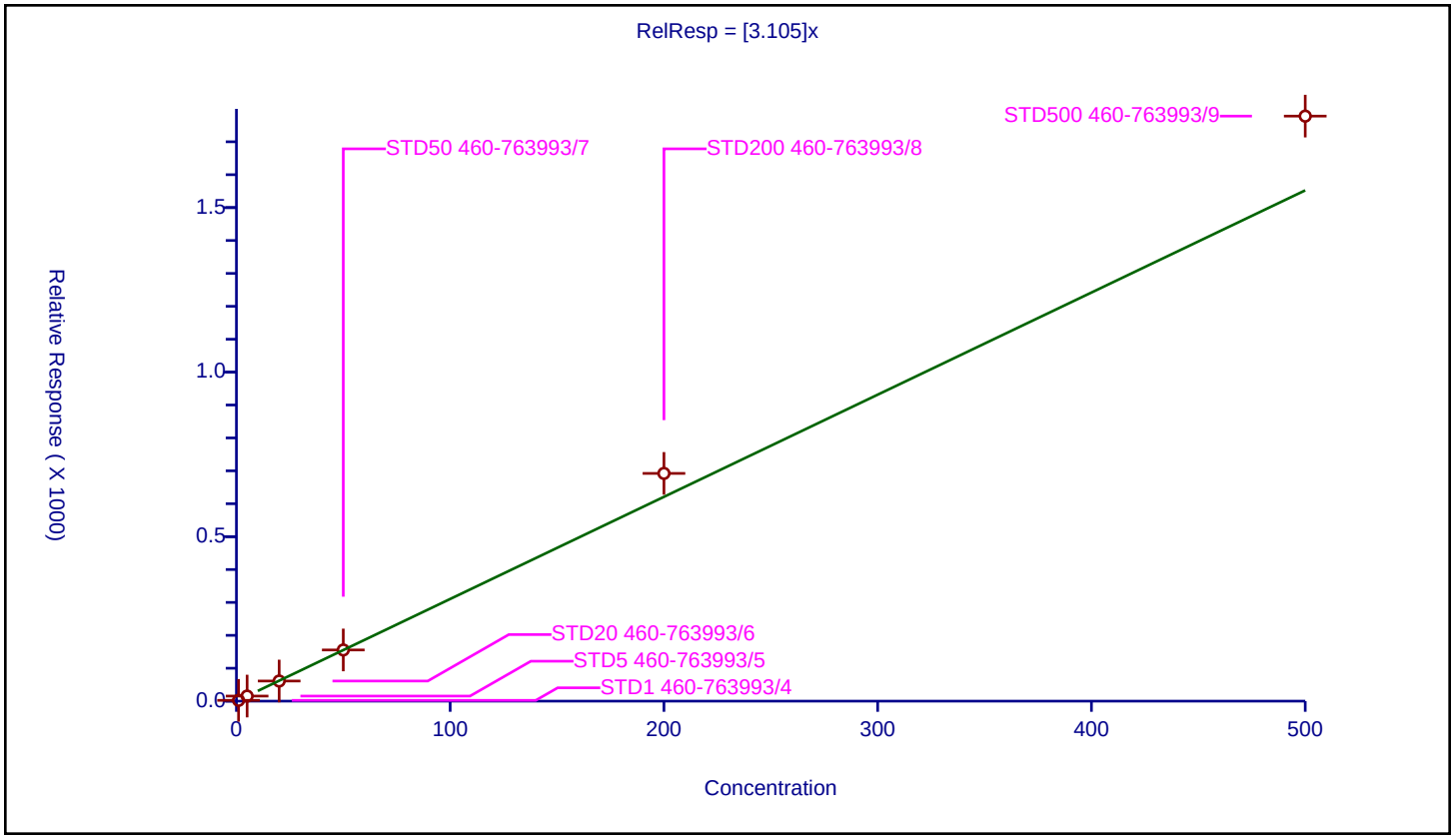
Curve Coefficients

Intercept:	0
Slope:	3.105

Error Coefficients

Standard Error:	6490000
Relative Standard Error:	13.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.356393	50.0	263602.0	2.356393	Y
2	STD5 460-763993/5	5.0	15.42849	50.0	275701.0	3.085698	Y
3	STD20 460-763993/6	20.0	61.174411	50.0	282516.0	3.058721	Y
4	STD50 460-763993/7	50.0	155.530744	50.0	322434.0	3.110615	Y
5	STD200 460-763993/8	200.0	692.160947	50.0	343243.0	3.460805	Y
6	STD500 460-763993/9	500.0	1778.022303	50.0	384260.0	3.556045	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

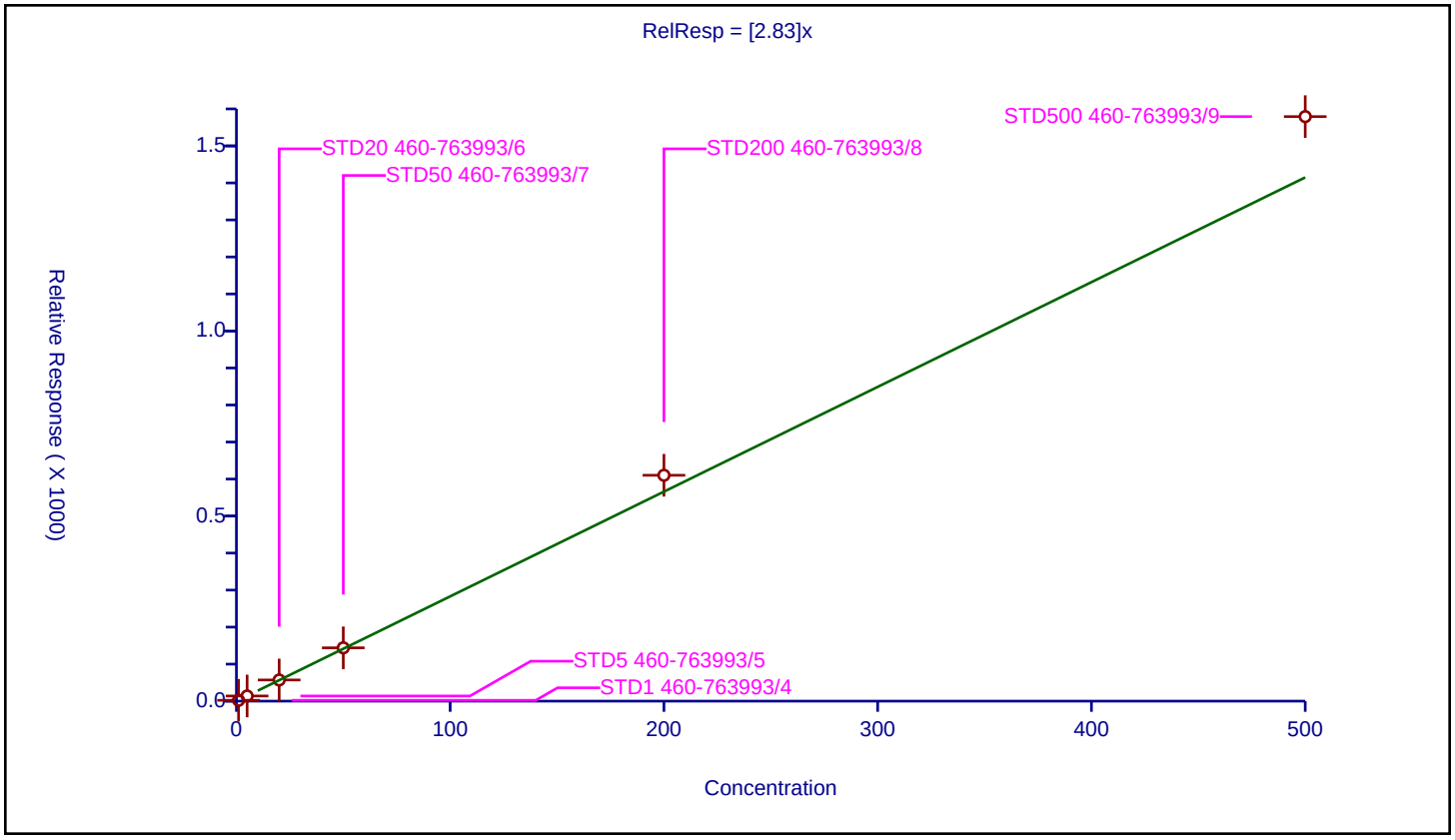
Curve Coefficients

Intercept:	0
Slope:	2.83

Error Coefficients

Standard Error:	5760000
Relative Standard Error:	11.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.252828	50.0	263602.0	2.252828	Y
2	STD5 460-763993/5	5.0	13.891861	50.0	275701.0	2.778372	Y
3	STD20 460-763993/6	20.0	57.138711	50.0	282516.0	2.856936	Y
4	STD50 460-763993/7	50.0	144.05041	50.0	322434.0	2.881008	Y
5	STD200 460-763993/8	200.0	610.233129	50.0	343243.0	3.051166	Y
6	STD500 460-763993/9	500.0	1579.140296	50.0	384260.0	3.158281	Y



Calibration / Benzyl chloride

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

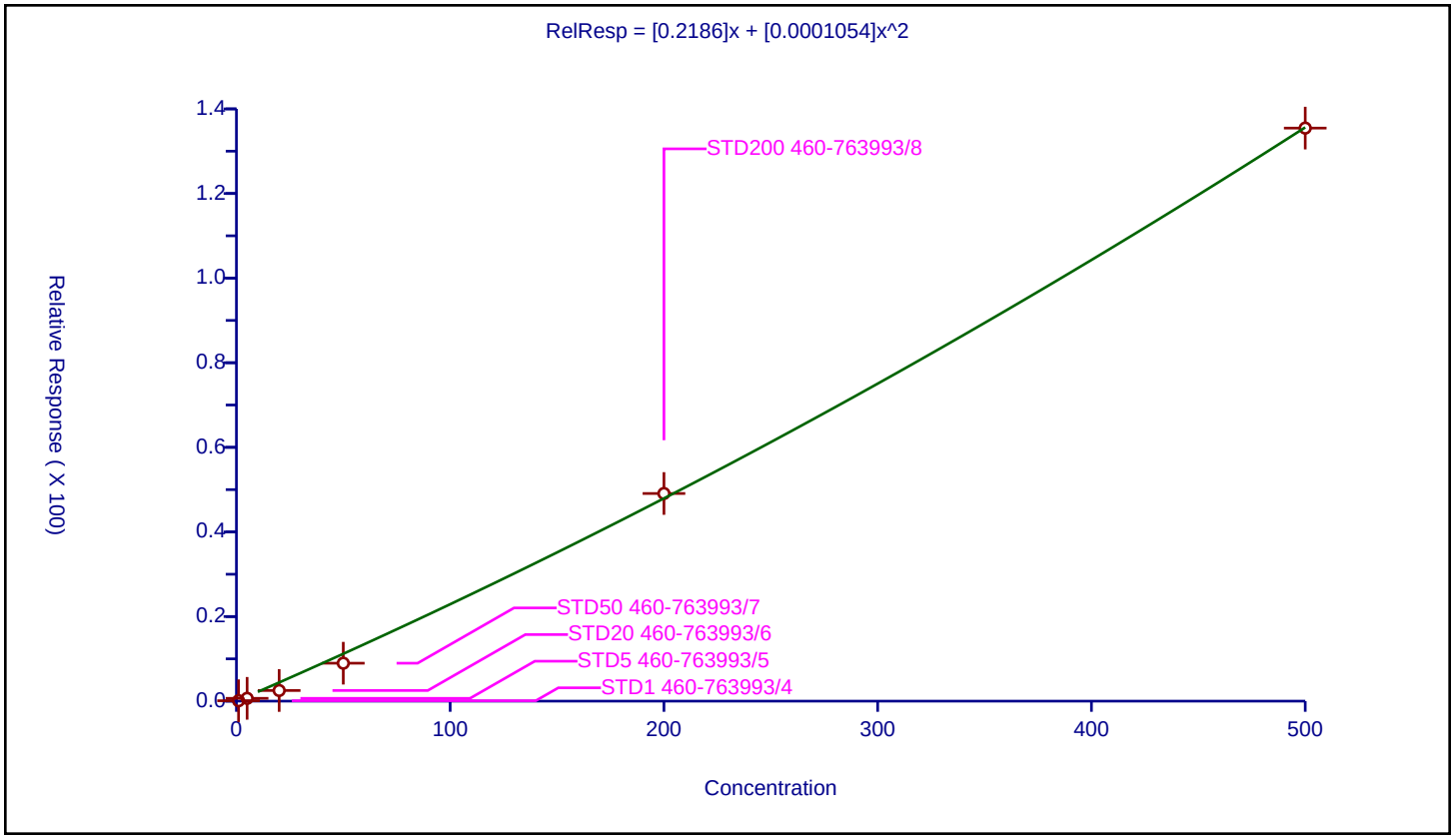
Curve Coefficients

Intercept:	0
Slope:	0.2186
Second Order:	0.0001054

Error Coefficients

Standard Error:	548000
Relative Standard Error:	41.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.096547	50.0	263602.0	0.096547	Y
2	STD5 460-763993/5	5.0	0.665757	50.0	275701.0	0.133151	Y
3	STD20 460-763993/6	20.0	2.514017	50.0	282516.0	0.125701	Y
4	STD50 460-763993/7	50.0	8.966486	50.0	322434.0	0.17933	Y
5	STD200 460-763993/8	200.0	49.084468	50.0	343243.0	0.245422	Y
6	STD500 460-763993/9	500.0	135.462317	50.0	384260.0	0.270925	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

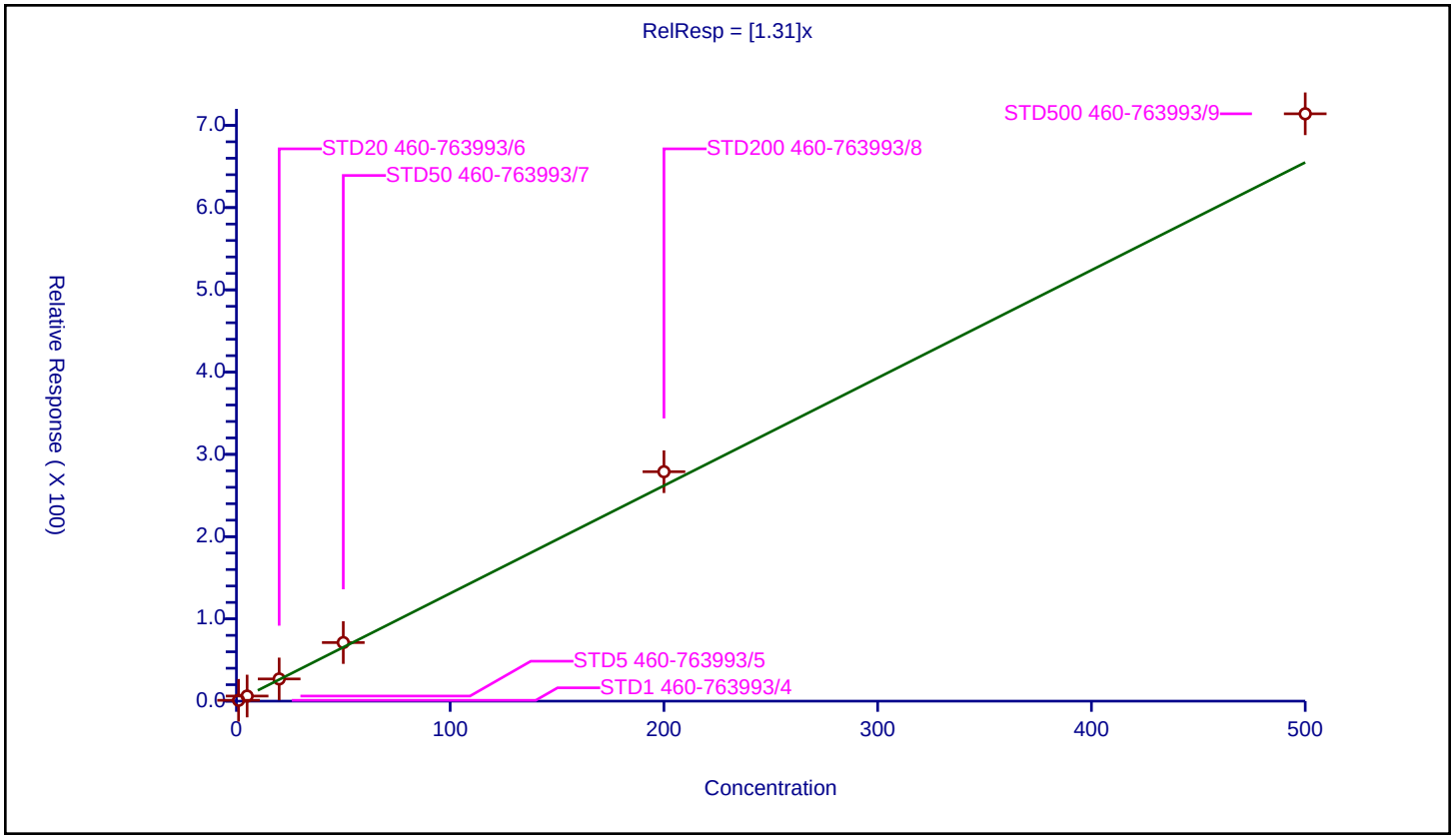
Curve Coefficients

Intercept:	0
Slope:	1.31

Error Coefficients

Standard Error:	5400000
Relative Standard Error:	12.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.021978	50.0	554611.0	1.021978	Y
2	STD5 460-763993/5	5.0	6.203969	50.0	607466.0	1.240794	Y
3	STD20 460-763993/6	20.0	26.990441	50.0	582145.0	1.349522	Y
4	STD50 460-763993/7	50.0	71.203297	50.0	642011.0	1.424066	Y
5	STD200 460-763993/8	200.0	278.922792	50.0	715377.0	1.394614	Y
6	STD500 460-763993/9	500.0	714.056191	50.0	795002.0	1.428112	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

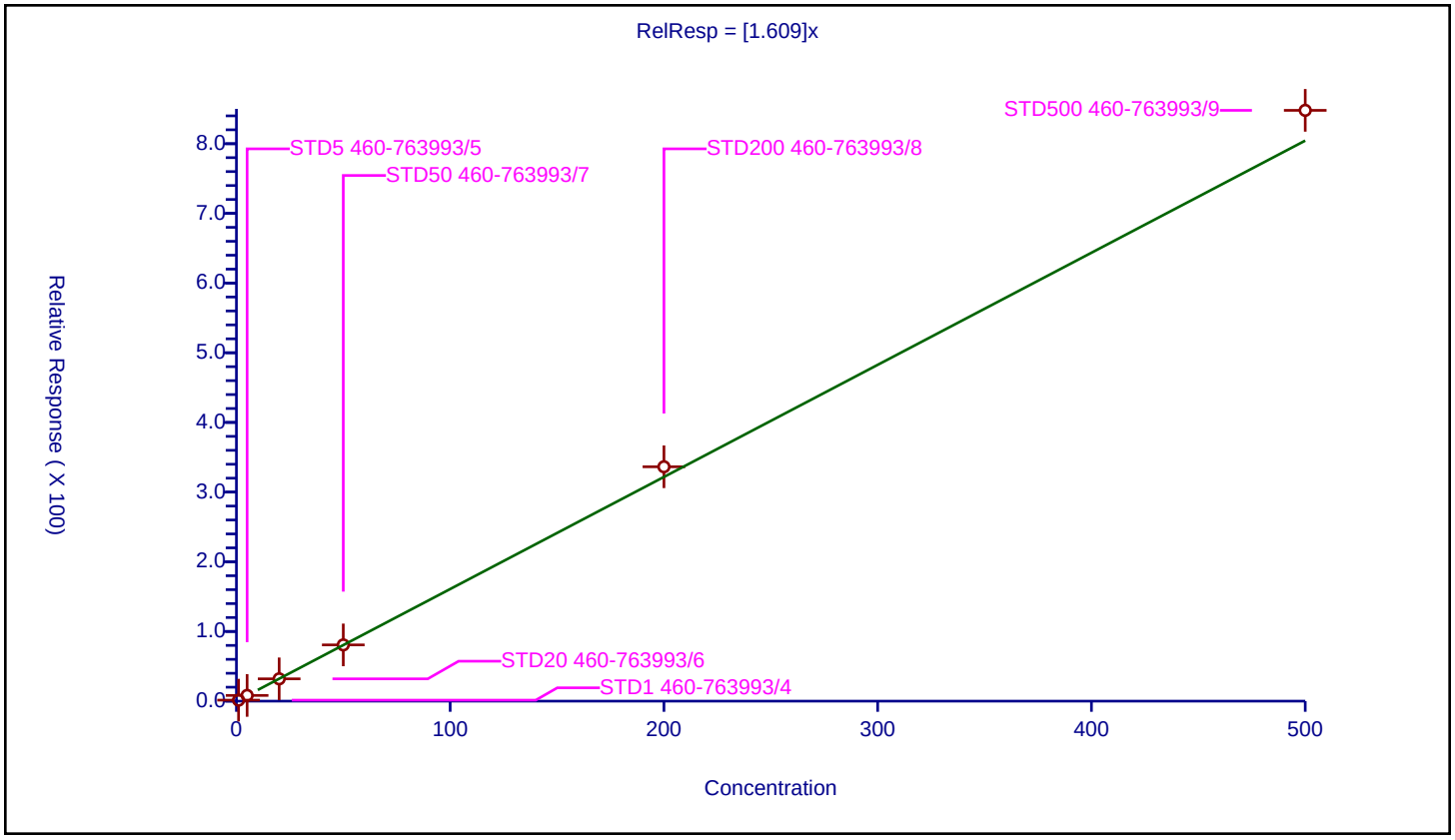
Curve Coefficients

Intercept:	0
Slope:	1.609

Error Coefficients

Standard Error:	3100000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.420323	50.0	263602.0	1.420323	Y
2	STD5 460-763993/5	5.0	8.201095	50.0	275701.0	1.640219	Y
3	STD20 460-763993/6	20.0	32.007391	50.0	282516.0	1.60037	Y
4	STD50 460-763993/7	50.0	80.728149	50.0	322434.0	1.614563	Y
5	STD200 460-763993/8	200.0	336.382534	50.0	343243.0	1.681913	Y
6	STD500 460-763993/9	500.0	847.888539	50.0	384260.0	1.695777	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

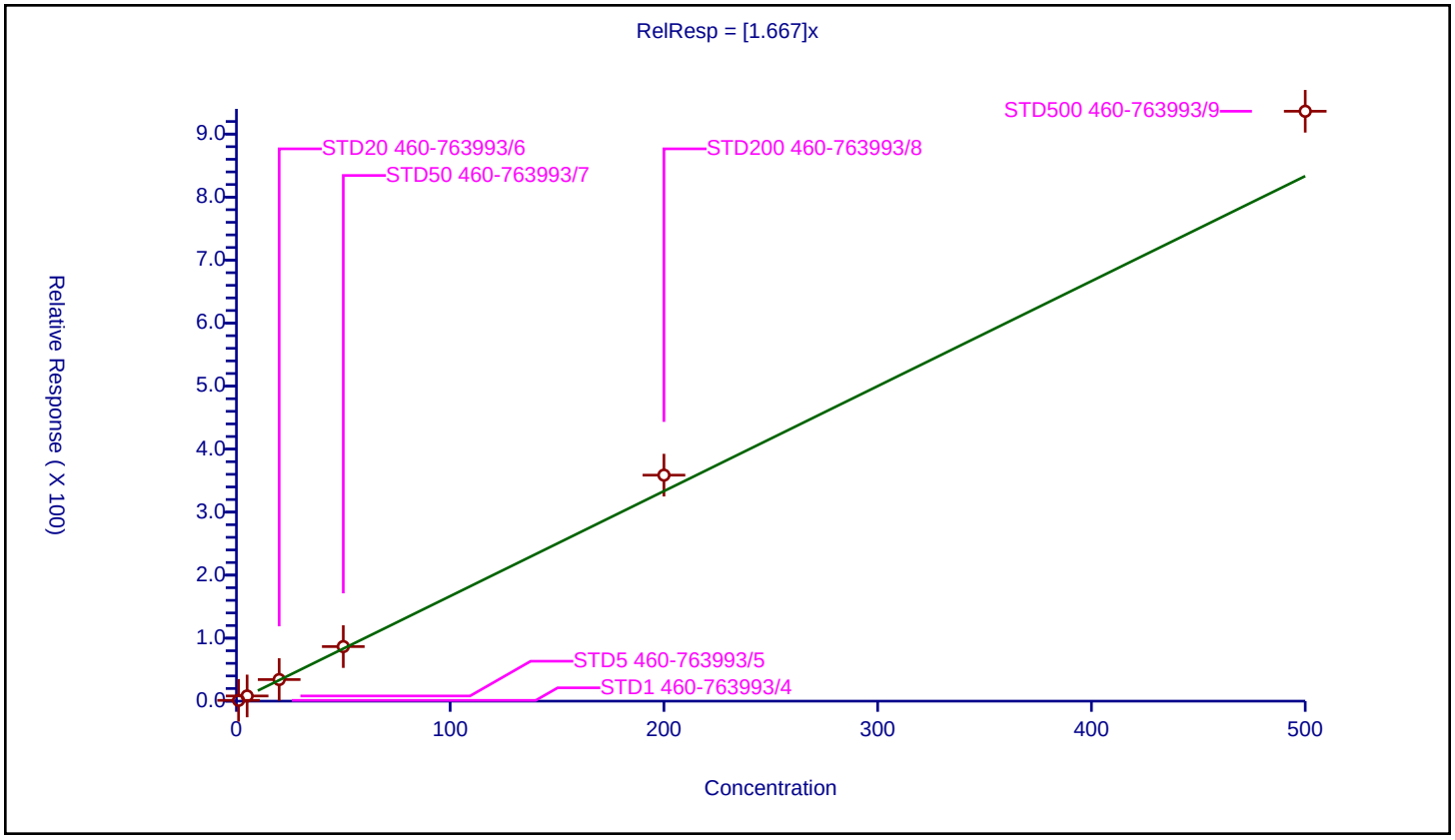
Curve Coefficients

Intercept:	0
Slope:	1.667

Error Coefficients

Standard Error:	3410000
Relative Standard Error:	13.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.243921	50.0	263602.0	1.243921	Y
2	STD5 460-763993/5	5.0	8.22594	50.0	275701.0	1.645188	Y
3	STD20 460-763993/6	20.0	34.262484	50.0	282516.0	1.713124	Y
4	STD50 460-763993/7	50.0	86.590744	50.0	322434.0	1.731815	Y
5	STD200 460-763993/8	200.0	358.704475	50.0	343243.0	1.793522	Y
6	STD500 460-763993/9	500.0	936.221439	50.0	384260.0	1.872443	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

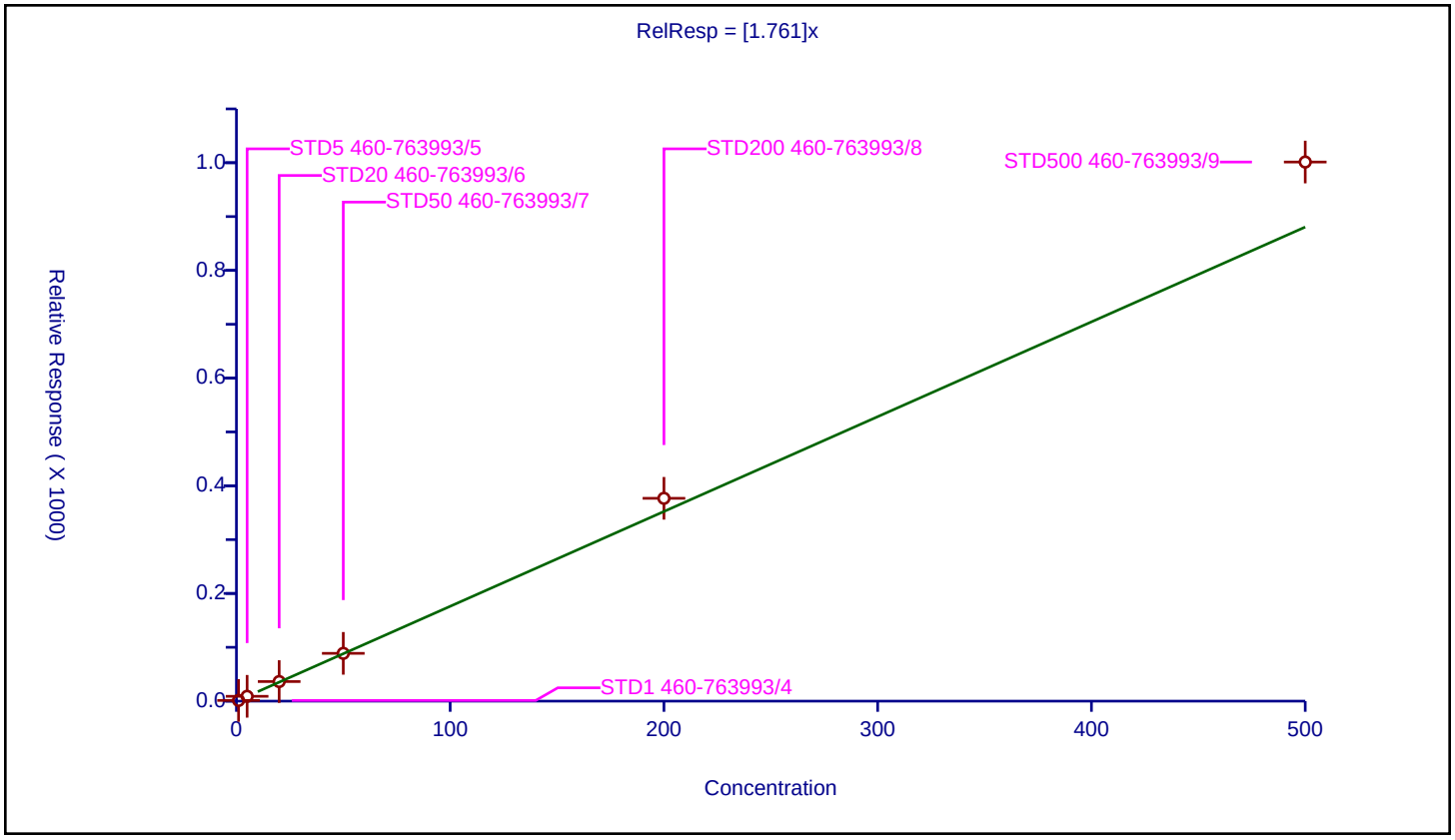
Curve Coefficients

Intercept:	0
Slope:	1.761

Error Coefficients

Standard Error:	3640000
Relative Standard Error:	13.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.288306	50.0	263602.0	1.288306	Y
2	STD5 460-763993/5	5.0	8.991444	50.0	275701.0	1.798289	Y
3	STD20 460-763993/6	20.0	36.368206	50.0	282516.0	1.81841	Y
4	STD50 460-763993/7	50.0	88.784061	50.0	322434.0	1.775681	Y
5	STD200 460-763993/8	200.0	376.71198	50.0	343243.0	1.88356	Y
6	STD500 460-763993/9	500.0	1001.292875	50.0	384260.0	2.002586	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

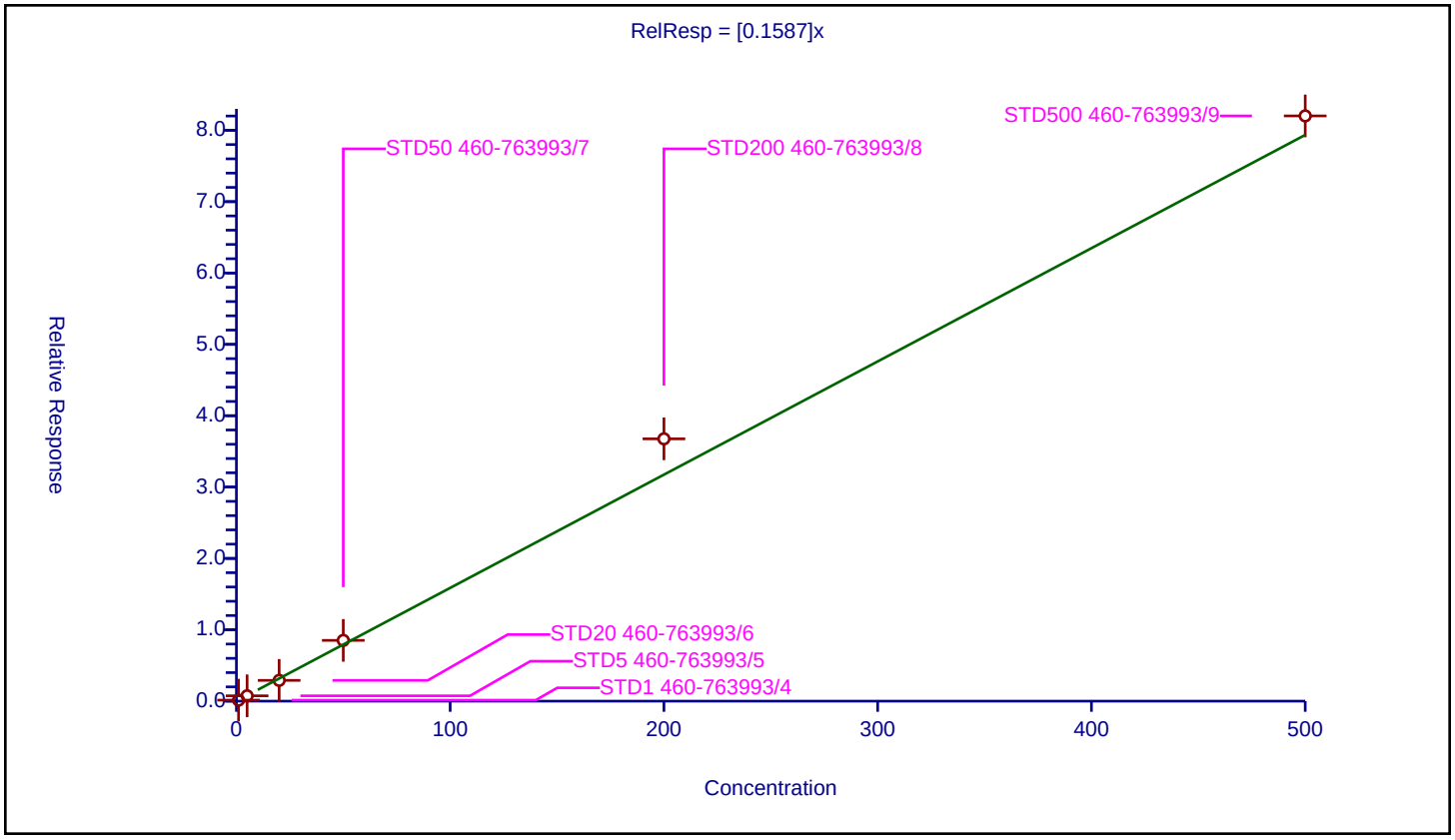
Curve Coefficients

Intercept:	0
Slope:	0.1587

Error Coefficients

Standard Error:	305000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.138846	50.0	263602.0	0.138846	Y
2	STD5 460-763993/5	5.0	0.747912	50.0	275701.0	0.149582	Y
3	STD20 460-763993/6	20.0	2.91134	50.0	282516.0	0.145567	Y
4	STD50 460-763993/7	50.0	8.517092	50.0	322434.0	0.170342	Y
5	STD200 460-763993/8	200.0	36.760546	50.0	343243.0	0.183803	Y
6	STD500 460-763993/9	500.0	82.015953	50.0	384260.0	0.164032	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

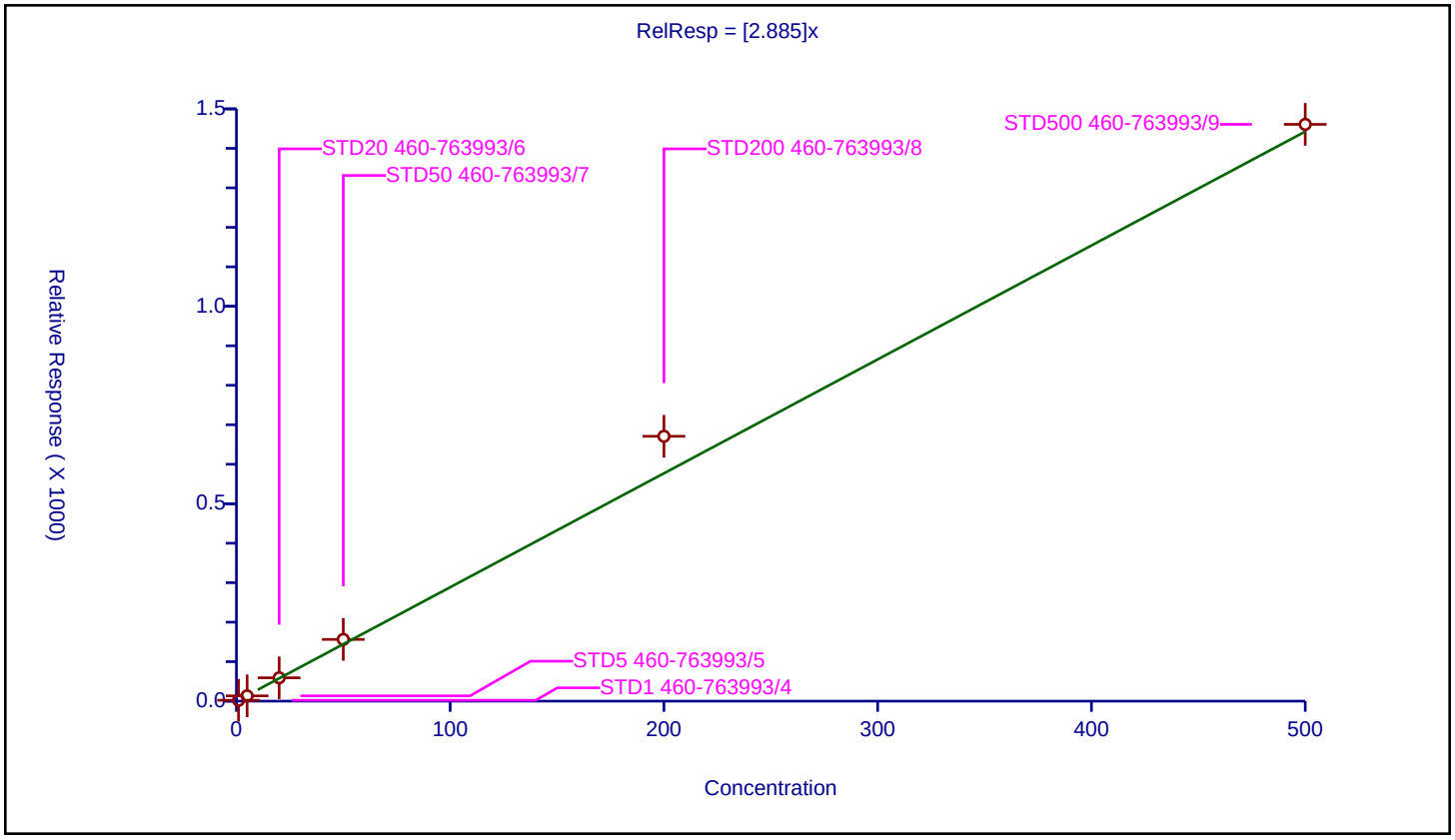
Curve Coefficients

Intercept:	0
Slope:	2.885

Error Coefficients

Standard Error:	5450000
Relative Standard Error:	13.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.274262	50.0	263602.0	2.274262	Y
2	STD5 460-763993/5	5.0	13.393858	50.0	275701.0	2.678772	Y
3	STD20 460-763993/6	20.0	59.112758	50.0	282516.0	2.955638	Y
4	STD50 460-763993/7	50.0	156.303305	50.0	322434.0	3.126066	Y
5	STD200 460-763993/8	200.0	670.811058	50.0	343243.0	3.354055	Y
6	STD500 460-763993/9	500.0	1460.788919	50.0	384260.0	2.921578	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

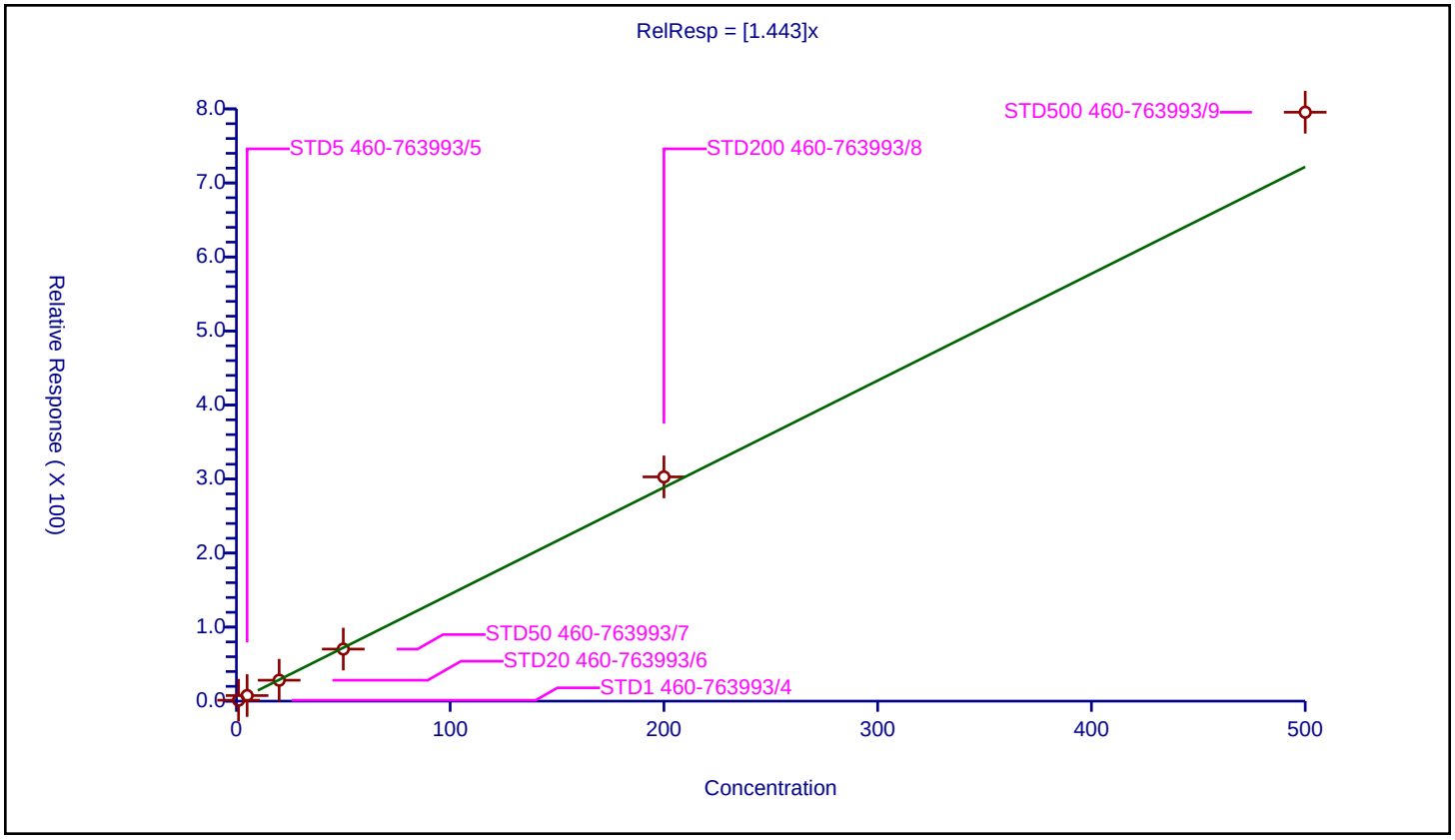
Curve Coefficients

Intercept:	0
Slope:	1.443

Error Coefficients

Standard Error:	2900000
Relative Standard Error:	8.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.224763	50.0	263602.0	1.224763	Y
2	STD5 460-763993/5	5.0	7.548032	50.0	275701.0	1.509606	Y
3	STD20 460-763993/6	20.0	28.27716	50.0	282516.0	1.413858	Y
4	STD50 460-763993/7	50.0	70.316871	50.0	322434.0	1.406337	Y
5	STD200 460-763993/8	200.0	302.917175	50.0	343243.0	1.514586	Y
6	STD500 460-763993/9	500.0	795.453209	50.0	384260.0	1.590906	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

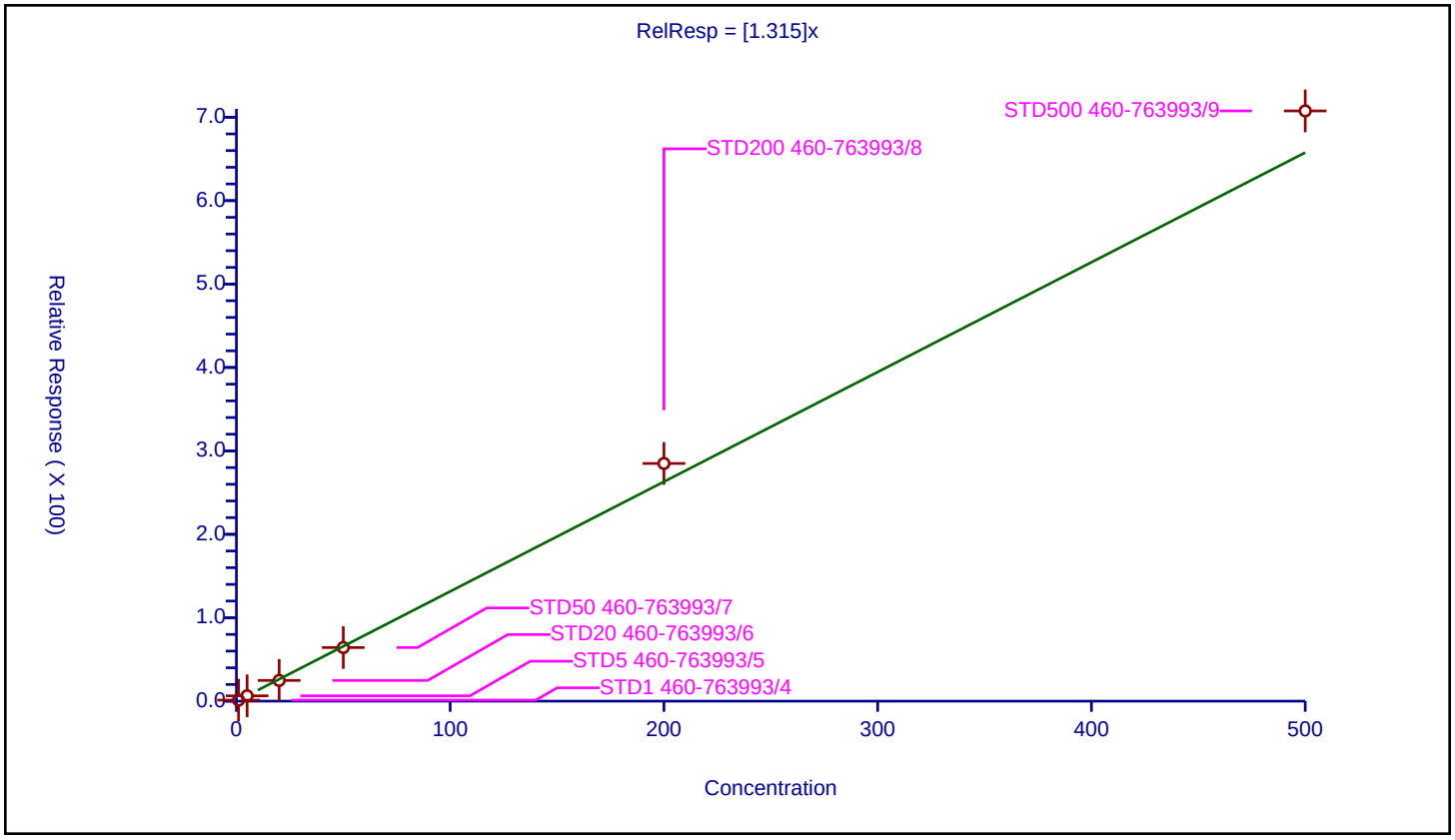
Curve Coefficients

Intercept:	0
Slope:	1.315

Error Coefficients

Standard Error:	2590000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.24449	50.0	263602.0	1.24449	Y
2	STD5 460-763993/5	5.0	6.408029	50.0	275701.0	1.281606	Y
3	STD20 460-763993/6	20.0	24.812931	50.0	282516.0	1.240647	Y
4	STD50 460-763993/7	50.0	64.25501	50.0	322434.0	1.2851	Y
5	STD200 460-763993/8	200.0	284.937493	50.0	343243.0	1.424687	Y
6	STD500 460-763993/9	500.0	707.560376	50.0	384260.0	1.415121	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

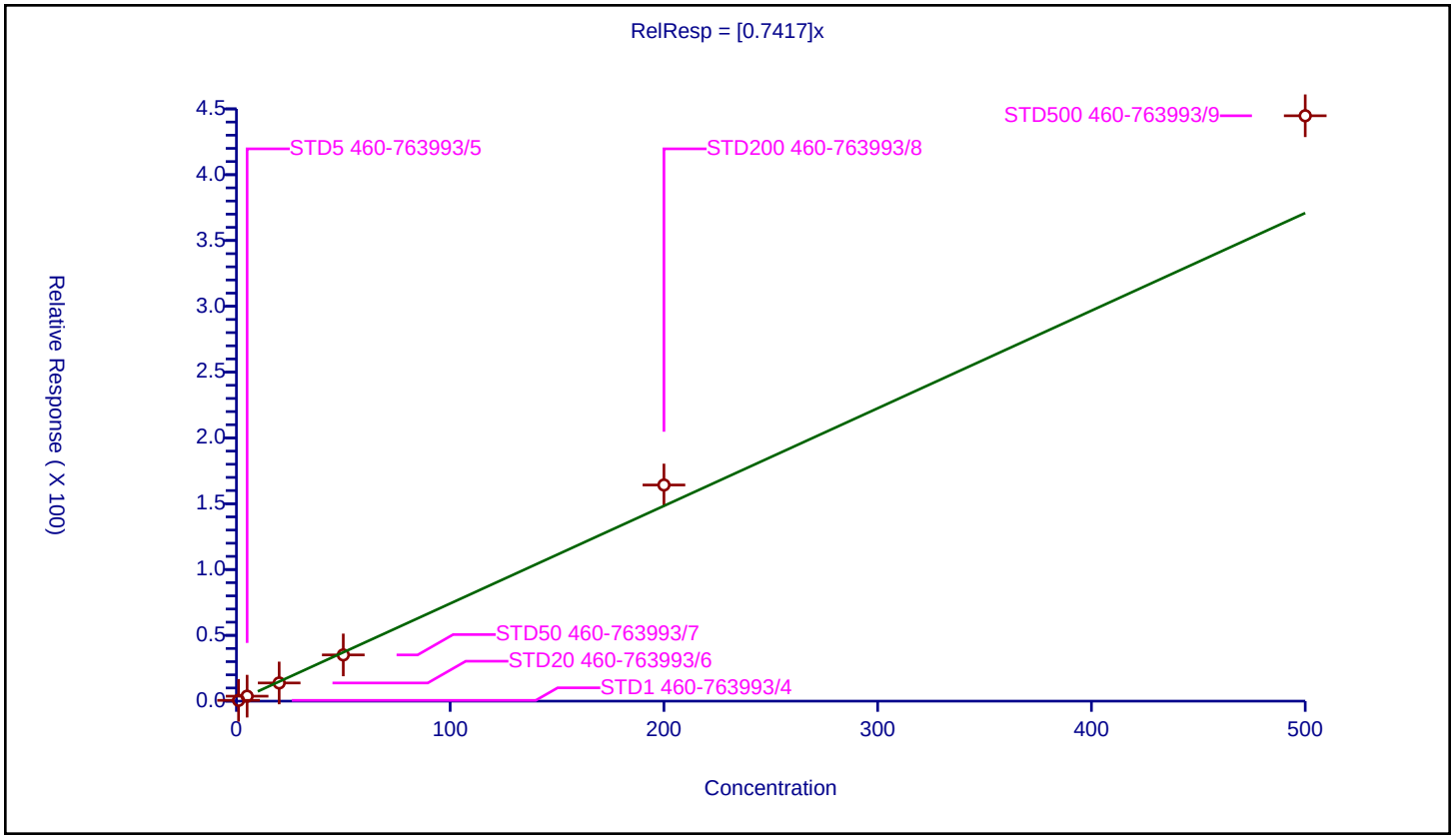
Curve Coefficients

Intercept:	0
Slope:	0.7417

Error Coefficients

Standard Error:	1610000
Relative Standard Error:	14.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	0.590284	50.0	263602.0	0.590284	Y
2	STD5 460-763993/5	5.0	3.779457	50.0	275701.0	0.755891	Y
3	STD20 460-763993/6	20.0	13.820987	50.0	282516.0	0.691049	Y
4	STD50 460-763993/7	50.0	35.127499	50.0	322434.0	0.70255	Y
5	STD200 460-763993/8	200.0	164.235105	50.0	343243.0	0.821176	Y
6	STD500 460-763993/9	500.0	444.774632	50.0	384260.0	0.889549	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

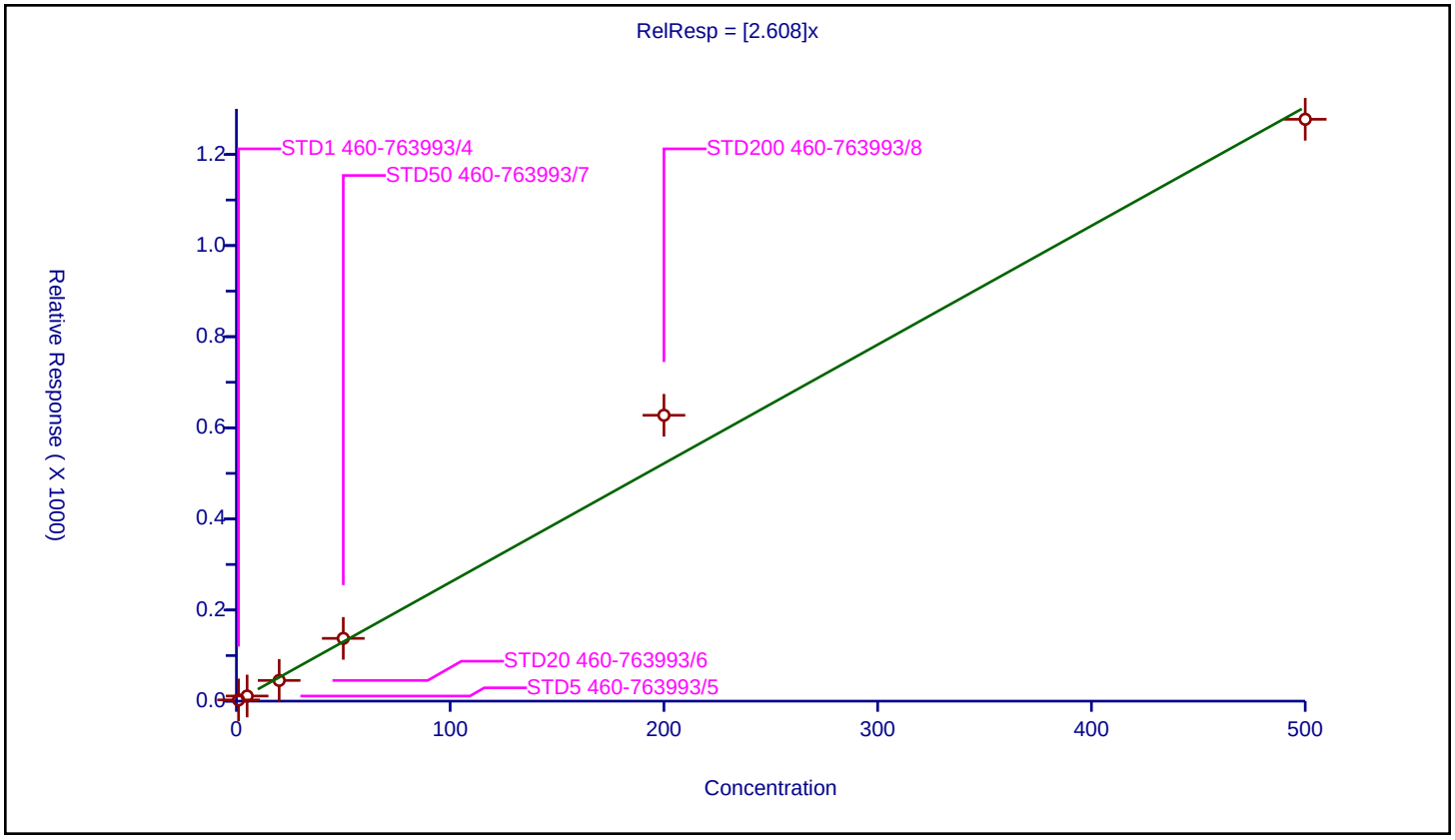
Curve Coefficients

Intercept:	0
Slope:	2.608

Error Coefficients

Standard Error:	4810000
Relative Standard Error:	12.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	2.675814	50.0	263602.0	2.675814	Y
2	STD5 460-763993/5	5.0	11.278885	50.0	275701.0	2.255777	Y
3	STD20 460-763993/6	20.0	45.436365	50.0	282516.0	2.271818	Y
4	STD50 460-763993/7	50.0	137.745399	50.0	322434.0	2.754908	Y
5	STD200 460-763993/8	200.0	627.488252	50.0	343243.0	3.137441	Y
6	STD500 460-763993/9	500.0	1277.199422	50.0	384260.0	2.554399	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

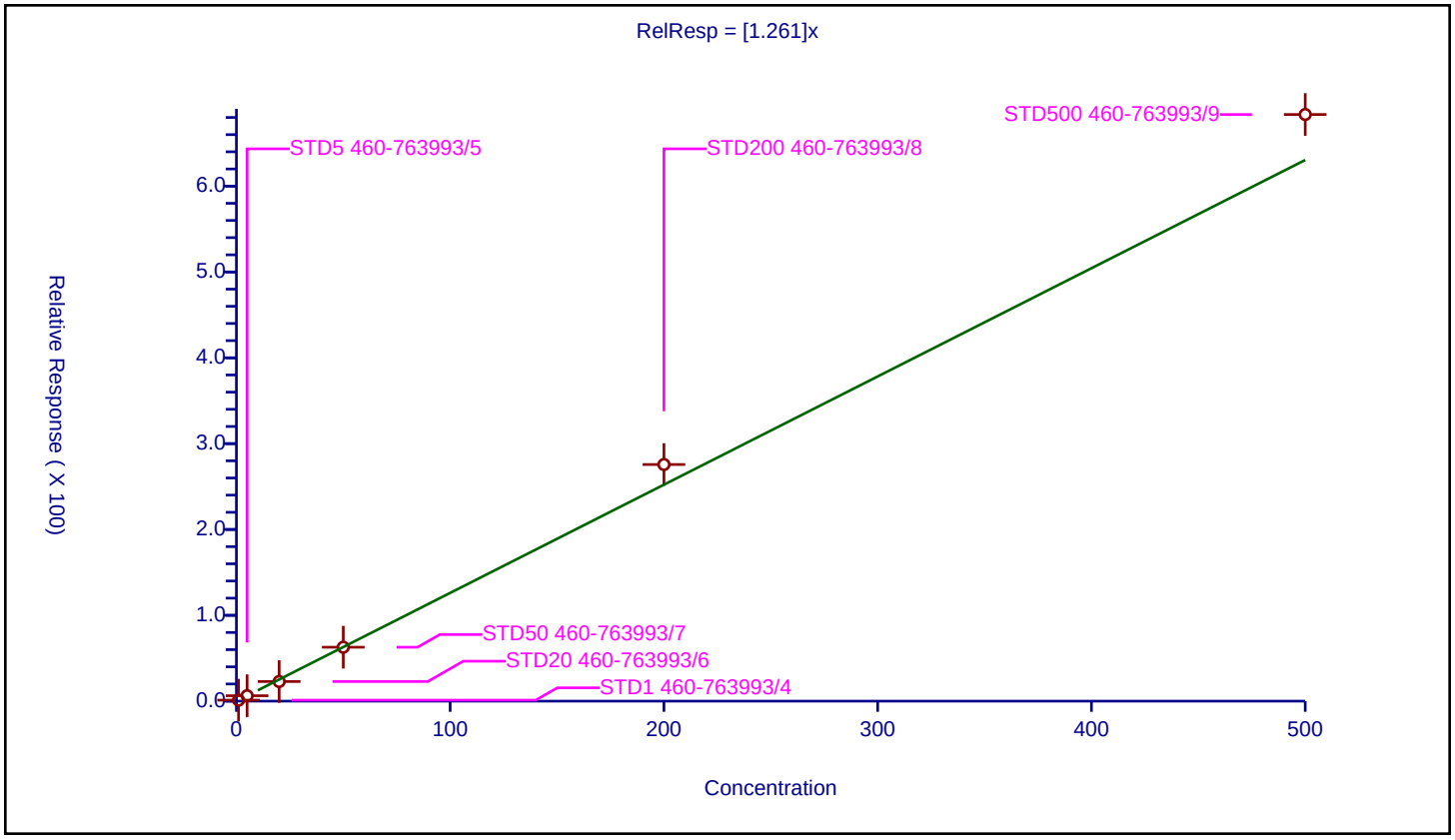
Curve Coefficients

Intercept:	0
Slope:	1.261

Error Coefficients

Standard Error:	2500000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-763993/4	1.0	1.160082	50.0	263602.0	1.160082	Y
2	STD5 460-763993/5	5.0	6.305744	50.0	275701.0	1.261149	Y
3	STD20 460-763993/6	20.0	22.850387	50.0	282516.0	1.142519	Y
4	STD50 460-763993/7	50.0	62.814716	50.0	322434.0	1.256294	Y
5	STD200 460-763993/8	200.0	275.688943	50.0	343243.0	1.378445	Y
6	STD500 460-763993/9	500.0	683.44103	50.0	384260.0	1.366882	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: ICV 460-763993/16 Calibration Date: 03/11/2021 15:01

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B69805.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodifluoromethane	Qua2		0.0728		18.9	20.0	-5.4	30.0
Dichlorodifluoromethane	Ave	0.6066	0.5550	0.1000	18.3	20.0	-8.5	30.0
Chloromethane	Ave	0.5769	0.5529	0.1000	19.2	20.0	-4.2	30.0
Butadiene	Ave	0.3817	0.3650		19.1	20.0	-4.4	30.0
Vinyl chloride	Ave	0.4156	0.4237	0.1000	20.4	20.0	1.9	30.0
Bromomethane	Ave	0.3172	0.3239	0.1000	20.4	20.0	2.1	30.0
Chloroethane	Ave	0.2347	0.2379	0.1000	20.3	20.0	1.4	30.0
Dichlorofluoromethane	Ave	0.6039	0.5996		19.9	20.0	-0.7	30.0
Pentane	Ave	0.0492	0.0570		46.3	40.0	15.8	30.0
Trichlorofluoromethane	Ave	0.5746	0.5703	0.1000	19.9	20.0	-0.7	30.0
Ethanol	QuaF		0.0285		992	800	24.0	30.0
Ethyl ether	Ave	0.2076	0.1964		18.9	20.0	-5.4	30.0
2-Methyl-1,3-butadiene	Ave	0.2769	0.2853		20.6	20.0	3.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3128	0.3234		20.7	20.0	3.4	30.0
Acrolein	Ave	1.301	0.7085		164	300	-45.5*	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4762	0.5040		21.2	20.0	5.8	30.0
1,1-Dichloroethene	Ave	0.2982	0.3064	0.1000	20.6	20.0	2.8	30.0
Acetone	Ave	0.7710	0.7783	0.0500	101	100	0.9	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3436	0.3630	0.1000	21.1	20.0	5.7	30.0
Iodomethane	Ave	0.6215	0.6240		20.1	20.0	0.4	30.0
Carbon disulfide	Ave	1.071	1.041	0.1000	19.5	20.0	-2.7	30.0
Isopropyl alcohol	Ave	0.6669	0.6072		182	200	-9.0	30.0
3-Chloro-1-propene	Ave	0.3733	0.3734		20.0	20.0	0.0	30.0
Methyl acetate	Ave	0.1904	0.1738	0.1000	36.5	40.0	-8.7	30.0
Acetonitrile	Ave	0.8764	0.8787		201	200	0.3	30.0
Methylene Chloride	Ave	0.3243	0.3060	0.1000	18.9	20.0	-5.6	30.0
2-Methyl-2-propanol	Ave	1.236	1.128		182	200	-8.8	30.0
Acrylonitrile	Ave	4.351	4.288		197	200	-1.4	30.0
trans-1,2-Dichloroethene	Ave	0.3308	0.3536	0.1000	21.4	20.0	6.9	30.0
Methyl tert-butyl ether	Ave	0.8568	0.7798	0.1000	18.2	20.0	-9.0	30.0
Hexane	Ave	0.4697	0.5338		22.7	20.0	13.7	30.0
1,1-Dichloroethane	Ave	0.5777	0.5625	0.2000	19.5	20.0	-2.6	30.0
2-Chloro-1,3-butadiene	Ave	0.2843	0.3029		21.3	20.0	6.5	30.0
Vinyl acetate	Ave	0.4697	0.3923		33.4	40.0	-16.5	30.0
Isopropyl ether	Ave	0.9850	0.9206		18.7	20.0	-6.5	30.0
Tert-butyl ethyl ether	Ave	0.3531	0.3301		18.7	20.0	-6.5	30.0
cis-1,2-Dichloroethene	Ave	0.3454	0.3452	0.1000	20.0	20.0	-0.0	30.0
2,2-Dichloropropane	Ave	0.1571	0.1628		20.7	20.0	3.6	30.0
2-Butanone (MEK)	Ave	0.3503	0.2959	0.0500	84.5	100	-15.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: ICV 460-763993/16 Calibration Date: 03/11/2021 15:01

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B69805.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	0.3324	0.3345		201	200	0.6	30.0
Ethyl acetate	Ave	0.2368	0.2623		44.3	40.0	10.8	30.0
Methyl acrylate	Ave	0.2857	0.2741		19.2	20.0	-4.0	30.0
Chlorobromomethane	Ave	0.1789	0.1568		17.5	20.0	-12.4	30.0
Methacrylonitrile	Ave	0.1017	0.0986		194	200	-3.0	30.0
Tetrahydrofuran	QuaF		0.3999		41.4	40.0	3.5	30.0
Chloroform	Ave	0.5627	0.5265	0.2000	18.7	20.0	-6.4	30.0
1,1,1-Trichloroethane	Ave	0.5196	0.5052	0.1000	19.4	20.0	-2.8	30.0
Cyclohexane	Ave	0.5054	0.5259	0.1000	20.8	20.0	4.1	30.0
1,1-Dichloropropene	Ave	0.4322	0.4164		19.3	20.0	-3.7	30.0
Carbon tetrachloride	Ave	0.4605	0.4446	0.1000	19.3	20.0	-3.5	30.0
Benzene	Ave	1.547	1.512	0.5000	19.5	20.0	-2.3	30.0
1,2-Dichloroethane	Ave	0.3931	0.3422	0.1000	17.4	20.0	-13.0	30.0
Isobutyl alcohol	Ave	0.2535	0.1981		391	500	-21.9	30.0
Tert-amyl methyl ether	Ave	0.9411	0.8217		17.5	20.0	-12.7	30.0
Isopropyl acetate	Ave	1.191	1.191		20.0	20.0	0.0	30.0
n-Heptane	Ave	0.5703	0.6095		21.4	20.0	6.9	30.0
Trichloroethene	Ave	0.3237	0.3245	0.2000	20.1	20.0	0.3	30.0
n-Butanol	QuaF		0.0611		390	500	-22.1	30.0
Methylcyclohexane	Ave	0.5887	0.6360	0.1000	21.6	20.0	8.0	30.0
Ethyl acrylate	Ave	0.7676	0.7906		20.6	20.0	3.0	30.0
1,2-Dichloropropane	Ave	0.3142	0.3057	0.1000	19.5	20.0	-2.7	30.0
Dibromomethane	Ave	0.1834	0.1640		17.9	20.0	-10.6	30.0
1,4-Dioxane	Ave	1.164	1.115		383	400	-4.2	30.0
Methyl methacrylate	Ave	0.0641	0.0638		39.8	40.0	-0.4	30.0
Dichlorobromomethane	Ave	0.4013	0.3536	0.2000	17.6	20.0	-11.9	30.0
n-Propyl acetate	Ave	0.3538	0.3098		17.5	20.0	-12.4	30.0
2-Nitropropane	Ave	0.0583	0.0531		36.5	40.0	-8.8	30.0
2-Chloroethyl vinyl ether	QuaF		0.0102		8.95	20.0	-55.3*	30.0
Epichlorohydrin	QuaF		0.1660		22.6	20.0	13.2	30.0
cis-1,3-Dichloropropene	Ave	0.5638	0.5156	0.2000	18.3	20.0	-8.6	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.884	2.669	0.0500	92.6	100	-7.4	30.0
Toluene	Ave	1.666	1.644	0.4000	19.7	20.0	-1.4	30.0
trans-1,3-Dichloropropene	Ave	0.4938	0.3941	0.1000	16.0	20.0	-20.2	30.0
1,1,2-Trichloroethane	Ave	0.2641	0.2367	0.1000	17.9	20.0	-10.4	30.0
Ethyl methacrylate	Ave	0.3161	0.2724		17.2	20.0	-13.8	30.0
Tetrachloroethene	Ave	0.4757	0.4739	0.2000	19.9	20.0	-0.4	30.0
1,3-Dichloropropane	Ave	0.5319	0.4761		17.9	20.0	-10.5	30.0
2-Hexanone	Ave	1.886	1.943	0.0500	103	100	3.0	30.0
Chlorodibromomethane	Ave	0.3701	0.3379	0.1000	18.3	20.0	-8.7	30.0
Ethylene Dibromide	Ave	0.3186	0.2796	0.1000	17.6	20.0	-12.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: ICV 460-763993/16 Calibration Date: 03/11/2021 15:01

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B69805.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.0793	0.0694		17.5	20.0	-12.4	30.0
Chlorobenzene	Ave	1.075	1.061	0.5000	19.7	20.0	-1.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4078	0.3657		17.9	20.0	-10.3	30.0
Ethylbenzene	Ave	0.5888	0.5891	0.1000	20.0	20.0	0.0	30.0
m-Xylene & p-Xylene	Ave	0.7041	0.7212	0.1000	20.5	20.0	2.4	30.0
o-Xylene	Ave	0.7022	0.6968	0.3000	19.8	20.0	-0.8	30.0
Styrene	Ave	1.164	1.073	0.3000	18.4	20.0	-7.8	30.0
n-Butyl acrylate	Ave	0.2251	0.1912		17.0	20.0	-15.0	30.0
Bromoform	Ave	0.2689	0.2234	0.1000	16.6	20.0	-16.9	30.0
Amyl acetate (mixed isomers)	Ave	0.9001	0.8085		18.0	20.0	-10.2	30.0
Isopropylbenzene	Ave	1.909	1.992	0.1000	20.9	20.0	4.3	30.0
Bromobenzene	Ave	0.8263	0.8130		19.7	20.0	-1.6	30.0
1,2,3-Trichloropropane	Ave	0.2163	0.1998		18.5	20.0	-7.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7344	0.6535	0.3000	17.8	20.0	-11.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1757	0.1481		16.9	20.0	-15.7	30.0
N-Propylbenzene	Ave	0.9053	0.9399		20.8	20.0	3.8	30.0
2-Chlorotoluene	Ave	0.7996	0.8107		20.3	20.0	1.4	30.0
4-Ethyltoluene	Ave	3.103	3.371		21.7	20.0	8.6	30.0
4-Chlorotoluene	Ave	2.673	2.796		20.9	20.0	4.6	30.0
1,3,5-Trimethylbenzene	Ave	2.704	2.851		21.1	20.0	5.5	30.0
Butyl Methacrylate	QuaF		0.6160		15.3	20.0	-23.3	30.0
tert-Butylbenzene	Ave	2.184	2.365		21.7	20.0	8.3	30.0
1,2,4-Trimethylbenzene	Ave	2.762	2.902		21.0	20.0	5.1	30.0
sec-Butylbenzene	Ave	3.550	3.954		22.3	20.0	11.4	30.0
1,3-Dichlorobenzene	Ave	1.657	1.613	0.6000	19.5	20.0	-2.7	30.0
1,4-Dichlorobenzene	Ave	1.679	1.646	0.5000	19.6	20.0	-2.0	30.0
4-Isopropyltoluene	Ave	3.105	3.349		21.6	20.0	7.9	30.0
1,2,3-Trimethylbenzene	Ave	2.830	2.912		20.6	20.0	2.9	30.0
Benzyl chloride	QuaF		0.1151		10.5	20.0	-47.6*	30.0
Indan	Ave	1.310	1.327		20.3	20.0	1.3	30.0
1,2-Dichlorobenzene	Ave	1.609	1.548	0.4000	19.2	20.0	-3.8	30.0
p-Diethylbenzene	Ave	1.667	2.176		26.1	20.0	30.6*	30.0
n-Butylbenzene	Ave	1.761	1.971		22.4	20.0	11.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1587	0.1429	0.0500	18.0	20.0	-9.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.885	3.450		23.9	20.0	19.6	30.0
1,3,5-Trichlorobenzene	Ave	1.443	1.482		20.5	20.0	2.7	30.0
1,2,4-Trichlorobenzene	Ave	1.315	1.287	0.2000	19.6	20.0	-2.1	30.0
Hexachlorobutadiene	Ave	0.7417	0.8181		22.1	20.0	10.3	30.0
Naphthalene	Ave	2.608	2.662		20.4	20.0	2.1	30.0
1,2,3-Trichlorobenzene	Ave	1.261	1.259		20.0	20.0	-0.2	30.0
Dibromofluoromethane (Surr)	Ave	0.2844	0.2652		46.6	50.0	-6.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: ICV 460-763993/16 Calibration Date: 03/11/2021 15:01

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B69805.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.2933	0.2669		45.5	50.0	-9.0	30.0
Toluene-d8 (Surr)	Ave	1.328	1.304		49.1	50.0	-1.9	30.0
4-Bromofluorobenzene	Ave	0.7776	0.7794		50.1	50.0	0.2	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 11-Mar-2021 15:01:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0125263-016
Operator ID: Instrument ID: CVOAMS2
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:03:55 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 12-Mar-2021 10:33:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.697	0.685	0.012	92	160813	NC	NC	
4 Chlorodifluoromethane	67	0.709	0.691	0.018	95	17144	20.0	18.9	
3 Dichlorodifluoromethane	85	0.709	0.697	0.012	68	130781	20.0	18.3	
5 Chloromethane	50	0.794	0.776	0.018	98	130284	20.0	19.2	
6 Butadiene	54	0.813	0.801	0.012	97	86007	20.0	19.1	
7 Vinyl chloride	62	0.831	0.825	0.006	97	99838	20.0	20.4	
8 Bromomethane	94	0.971	0.953	0.018	99	76322	20.0	20.4	
9 Chloroethane	64	0.983	0.971	0.012	100	56067	20.0	20.3	
10 Dichlorofluoromethane	67	1.087	1.075	0.012	99	141296	20.0	19.9	
12 Pentane	72	1.105	1.099	0.006	96	26844	40.0	46.3	
11 Trichlorofluoromethane	101	1.124	1.112	0.012	96	134399	20.0	19.9	
14 Ethanol	46	1.191	1.191	0.000	64	5583	800.0	991.6	M
13 Ethyl ether	59	1.209	1.191	0.018	93	46281	20.0	18.9	
15 2-Methyl-1,3-butadiene	53	1.221	1.209	0.012	92	67238	20.0	20.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.252	1.240	0.012	80	76209	20.0	20.7	M
18 Acrolein	56	1.270	1.264	0.006	64	52073	300.4	163.6	M
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.282	1.276	0.006	91	118763	20.0	21.2	a
19 1,1-Dichloroethene	96	1.331	1.319	0.012	97	72209	20.0	20.6	
21 Acetone	43	1.355	1.343	0.012	63	79983	100.0	100.9	
20 112TCTFE	101	1.374	1.355	0.019	93	85551	20.0	21.1	a
22 Iodomethane	142	1.410	1.392	0.018	96	147041	20.0	20.1	
23 Carbon disulfide	76	1.441	1.422	0.019	99	245396	20.0	19.5	
24 Isopropyl alcohol	45	1.453	1.441	0.012	25	29712	200.0	182.1	a
25 3-Chloro-1-propene	39	1.520	1.508	0.012	91	88001	20.0	20.0	
26 Methyl acetate	43	1.538	1.532	0.006	97	81927	40.0	36.5	
27 Acetonitrile	39	1.569	1.550	0.019	22	42998	200.0	200.5	a
28 Methylene Chloride	84	1.599	1.587	0.012	90	72103	20.0	18.9	
* 29 TBA-d9 (IS)	65	1.654	1.642	0.012	0	244679	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.684	1.697	-0.013	33	55198	200.0	182.5	a
31 Acrylonitrile	53	1.745	1.733	0.012	95	209844	200.0	197.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	1.758	1.746	0.012	95	83337	20.0	21.4	
33 Methyl tert-butyl ether	73	1.782	1.776	0.006	97	183770	20.0	18.2	
34 Hexane	57	1.940	1.928	0.012	93	125792	20.0	22.7	
35 1,1-Dichloroethane	63	2.032	2.020	0.012	99	132557	20.0	19.5	
36 Vinyl acetate	86	2.093	2.087	0.006	100	16125	40.0	33.4	M
37 2-Chloro-1,3-butadiene	88	2.093	2.087	0.006	83	71370	20.0	21.3	
38 Isopropyl ether	45	2.111	2.099	0.012	98	216932	20.0	18.7	
39 Tert-butyl ethyl ether	87	2.392	2.373	0.019	89	77796	20.0	18.7	
* 40 2-Butanone-d5	46	2.446	2.428	0.018	0	256927	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.465	2.453	0.012	97	81346	20.0	20.0	
42 2,2-Dichloropropane	79	2.477	2.471	0.006	89	38365	20.0	20.7	a
43 2-Butanone (MEK)	72	2.489	2.471	0.018	98	30414	100.0	84.5	
44 Propionitrile	54	2.538	2.532	0.006	95	68752	200.0	201.3	
45 Ethyl acetate	70	2.575	2.556	0.018	99	10783	40.0	44.3	M
62 Methyl acrylate	55	2.587	2.569	0.018	98	64597	20.0	19.2	
46 Chlorobromomethane	128	2.654	2.648	0.006	90	36943	20.0	17.5	
47 Methacrylonitrile	67	2.660	2.654	0.006	93	232452	200.0	194.0	
48 Tetrahydrofuran	72	2.703	2.697	0.006	91	16441	40.0	41.4	
49 Chloroform	83	2.745	2.739	0.006	98	124065	20.0	18.7	
$ 50 Dibromofluoromethane (Surr)	113	2.885	2.873	0.012	97	156248	50.0	46.6	
51 1,1,1-Trichloroethane	97	2.892	2.879	0.013	79	119057	20.0	19.4	
52 Cyclohexane	84	2.928	2.922	0.006	92	123927	20.0	20.8	
54 1,1-Dichloropropene	75	3.038	3.026	0.012	93	98121	20.0	19.3	
53 Carbon tetrachloride	117	3.044	3.032	0.012	96	104761	20.0	19.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.178	3.172	0.006	0	157211	50.0	45.5	
56 Benzene	78	3.227	3.221	0.006	94	283215	20.0	19.5	
57 1,2-Dichloroethane	62	3.257	3.245	0.012	97	80634	20.0	17.4	
58 Isobutyl alcohol	42	3.343	3.337	0.006	30	24235	500.0	390.6	Ma
59 Tert-amyl methyl ether	73	3.398	3.385	0.013	94	193634	20.0	17.5	
73 Isopropyl acetate	43	3.410	3.398	0.012	95	280741	20.0	20.0	
* 60 Fluorobenzene	96	3.532	3.520	0.012	99	589123	50.0	50.0	
61 n-Heptane	43	3.587	3.574	0.012	94	143639	20.0	21.4	
63 Trichloroethene	95	3.934	3.928	0.006	97	76468	20.0	20.1	
64 n-Butanol	43	4.117	4.093	0.024	1	7478	500.0	389.6	Ma
65 Methylcyclohexane	83	4.141	4.135	0.006	94	149869	20.0	21.6	
66 Ethyl acrylate	55	4.153	4.154	-0.001	92	186293	20.0	20.6	
67 1,2-Dichloropropane	63	4.196	4.184	0.012	94	72037	20.0	19.5	
68 Dibromomethane	93	4.324	4.318	0.006	44	38656	20.0	17.9	
* 69 1,4-Dioxane-d8	96	4.355	4.361	-0.006	0	12205	1000.0	1000.0	
70 1,4-Dioxane	88	4.336	4.404	-0.068	28	5444	400.0	383.2	
71 Methyl methacrylate	100	4.446	4.440	0.006	95	30087	40.0	39.8	
72 Dichlorobromomethane	83	4.568	4.562	0.006	98	83327	20.0	17.6	
81 n-Propyl acetate	43	4.574	4.574	0.000	82	72995	20.0	17.5	
74 2-Nitropropane	41	4.903	4.891	0.012	99	25049	40.0	36.5	a
75 2-Chloroethyl vinyl ether	63	5.056	5.086	-0.030	36	2408	20.0	8.95	Ma
76 Epichlorohydrin	57	5.123	5.086	0.037	39	3412	20.0	22.6	Ma
77 cis-1,3-Dichloropropene	75	5.202	5.184	0.018	93	96599	20.0	18.3	
78 4-Methyl-2-pentanone (MIBK)	43	5.495	5.489	0.006	96	274291	100.0	92.6	a
$ 79 Toluene-d8 (Surr)	98	5.556	5.550	0.006	98	610658	50.0	49.1	
80 Toluene	91	5.653	5.653	0.000	95	307956	20.0	19.7	
82 trans-1,3-Dichloropropene	75	6.080	6.080	0.000	99	73845	20.0	16.0	
83 1,1,2-Trichloroethane	83	6.348	6.342	0.006	92	44356	20.0	17.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Ethyl methacrylate	69	6.366	6.348	0.018	86	64198	20.0	17.2	a
85 Tetrachloroethene	166	6.494	6.495	-0.001	99	88784	20.0	19.9	
86 1,3-Dichloropropane	76	6.598	6.586	0.012	94	89201	20.0	17.9	
87 2-Hexanone	43	6.879	6.879	0.000	97	199719	100.0	103.0	
88 Chlorodibromomethane	129	6.952	6.952	0.000	98	63320	20.0	18.3	
89 Ethylene Dibromide	107	7.068	7.062	0.006	97	52385	20.0	17.6	
90 n-Butyl acetate	73	7.226	7.214	0.012	99	13005	20.0	17.5	
* 91 Chlorobenzene-d5	117	7.964	7.958	0.006	88	468413	50.0	50.0	
92 Chlorobenzene	112	8.012	8.007	0.005	95	198701	20.0	19.7	
93 1,1,1,2-Tetrachloroethane	131	8.226	8.232	-0.006	95	68526	20.0	17.9	
94 Ethylbenzene	106	8.317	8.305	0.012	98	110370	20.0	20.0	
95 m-Xylene & p-Xylene	106	8.561	8.561	0.000	99	135129	20.0	20.5	
96 o-Xylene	106	9.281	9.281	-0.001	93	130563	20.0	19.8	
97 Styrene	104	9.329	9.323	0.006	96	201120	20.0	18.4	
98 n-Butyl acrylate	73	9.506	9.500	0.006	97	35829	20.0	17.0	
99 Bromoform	173	9.573	9.567	0.006	96	41855	20.0	16.6	
101 Amyl acetate (mixed isomers)	43	9.982	9.982	0.000	91	89805	20.0	18.0	
102 Isopropylbenzene	105	10.018	10.018	0.000	96	373183	20.0	20.9	
$ 103 4-Bromofluorobenzene	174	10.225	10.226	-0.001	94	216430	50.0	50.1	
104 Bromobenzene	156	10.396	10.396	0.000	95	90303	20.0	19.7	
105 1,2,3-Trichloropropane	110	10.616	10.616	0.000	95	22190	20.0	18.5	
106 1,1,2,2-Tetrachloroethane	83	10.628	10.628	0.000	96	72591	20.0	17.8	
107 trans-1,4-Dichloro-2-butene	53	10.731	10.732	-0.001	82	16445	20.0	16.9	
108 N-Propylbenzene	120	10.762	10.756	0.006	99	104399	20.0	20.8	
109 2-Chlorotoluene	126	10.805	10.799	0.006	97	90049	20.0	20.3	
110 4-Ethyltoluene	105	10.975	10.975	0.000	98	374369	20.0	21.7	
111 4-Chlorotoluene	91	11.012	11.012	0.000	97	310578	20.0	20.9	
112 1,3,5-Trimethylbenzene	105	11.109	11.110	-0.001	93	316717	20.0	21.1	
100 Butyl Methacrylate	87	11.475	11.475	0.000	97	68420	20.0	15.3	
113 tert-Butylbenzene	119	11.640	11.640	0.000	94	262676	20.0	21.7	
114 1,2,4-Trimethylbenzene	105	11.725	11.725	0.000	98	322355	20.0	21.0	
115 sec-Butylbenzene	105	12.054	12.054	0.000	99	439150	20.0	22.3	
116 1,3-Dichlorobenzene	146	12.128	12.128	0.000	97	179105	20.0	19.5	
* 117 1,4-Dichlorobenzene-d4	152	12.280	12.280	0.000	95	277680	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.329	12.329	0.000	97	182801	20.0	19.6	
119 4-Isopropyltoluene	119	12.402	12.408	-0.006	98	371959	20.0	21.6	
120 1,2,3-Trimethylbenzene	105	12.512	12.512	0.000	98	323469	20.0	20.6	
121 Benzyl chloride	126	12.664	12.664	0.000	98	12785	20.0	10.5	
122 2,3-Dihydroindene	117	12.804	12.804	0.000	94	312692	20.0	20.3	
123 1,2-Dichlorobenzene	146	12.944	12.945	-0.001	96	171920	20.0	19.2	
124 p-Diethylbenzene	119	13.042	13.042	0.000	94	241714	20.0	26.1	
125 n-Butylbenzene	92	13.066	13.066	0.000	97	218903	20.0	22.4	
126 1,2-Dibromo-3-Chloropropane	157	13.755	13.755	0.000	93	15876	20.0	18.0	
127 1,2,4,5-Tetramethylbenzene	119	13.786	13.780	0.006	98	383198	20.0	23.9	
128 1,3,5-Trichlorobenzene	180	13.926	13.926	0.000	97	164568	20.0	20.5	
129 1,2,4-Trichlorobenzene	180	14.365	14.359	0.006	94	142994	20.0	19.6	
130 Hexachlorobutadiene	225	14.505	14.499	0.006	96	90872	20.0	22.1	
131 Naphthalene	128	14.511	14.511	0.000	99	295726	20.0	20.4	
132 1,2,3-Trichlorobenzene	180	14.670	14.664	0.006	95	139831	20.0	20.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	41.4	
S 134 1,3-Dichloropropene, Total	100				0		40.0	34.3	
S 135 Xylenes, Total	100				0		40.0	40.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	99.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN SP_00122	Amount Added:	3.00	Units: uL	
8260 SP_00136	Amount Added:	2.00	Units: uL	
8FreonsSS_00030	Amount Added:	2.00	Units: uL	
GAS C SP_00400	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00215	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Mar-2021 13:04:02 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D

Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2 Operator ID:

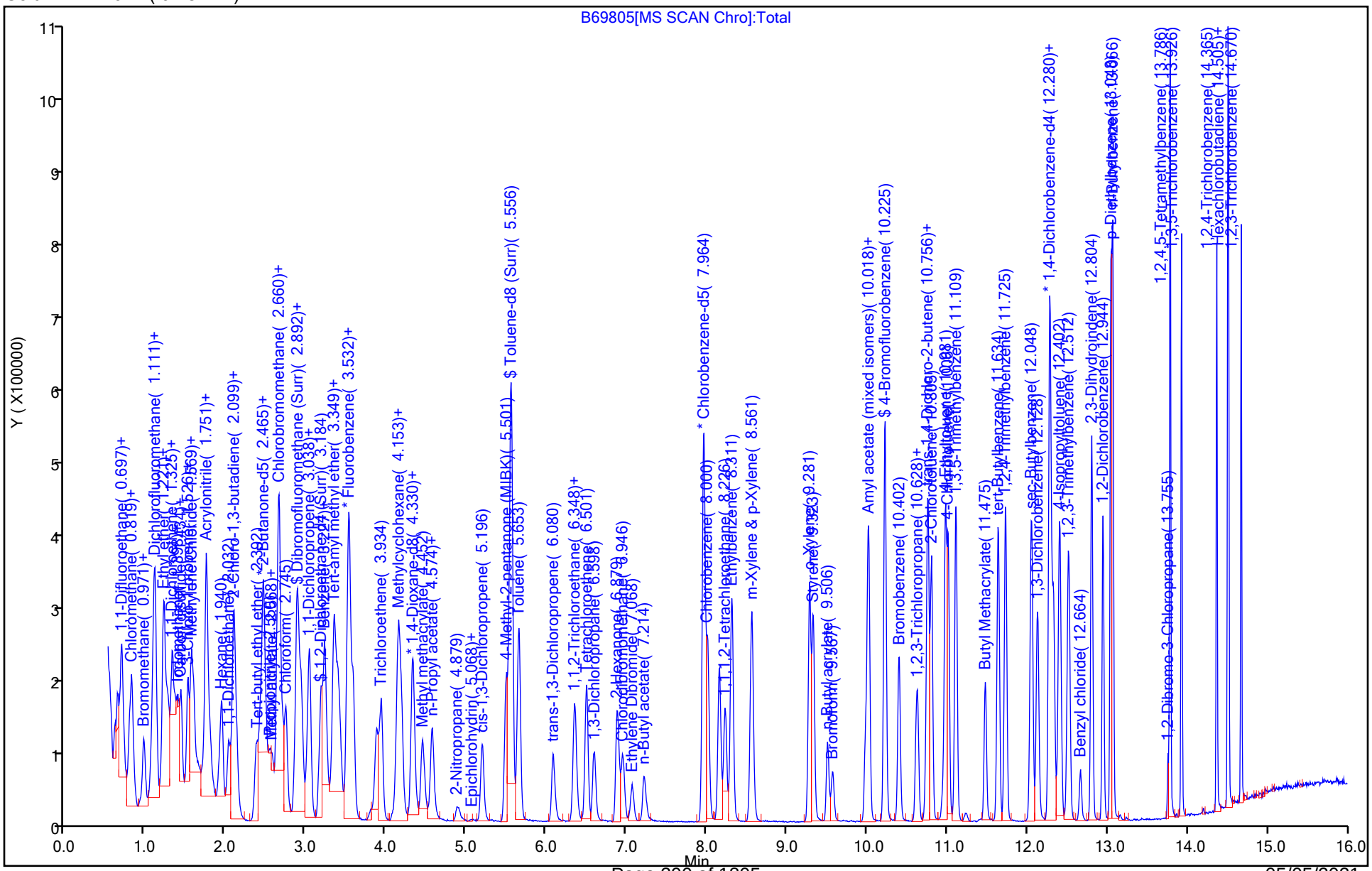
Lims ID: ICV Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

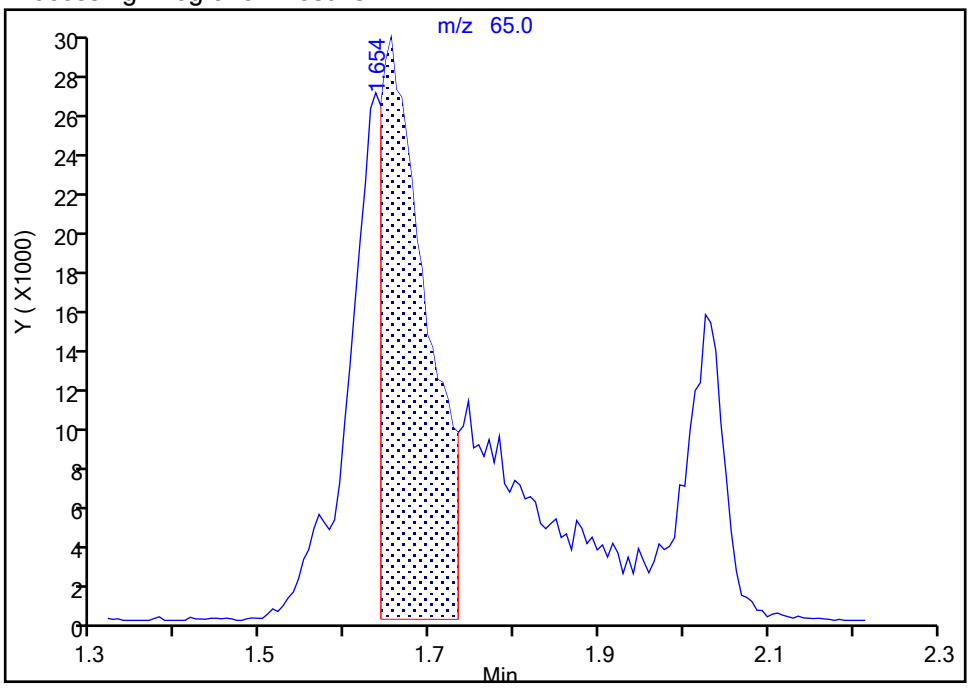
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

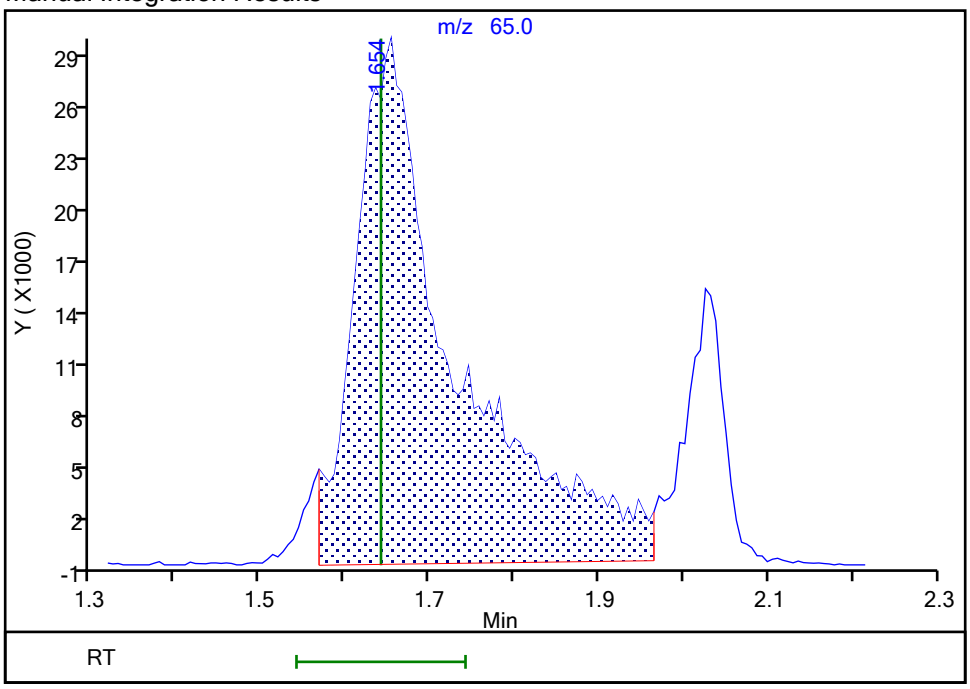
Processing Integration Results

RT: 1.65
Area: 111808
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 244679
Amount: 1000.0000
Amount Units: ug/l



Reviewer: tupayachia, 12-Mar-2021 10:32:53
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

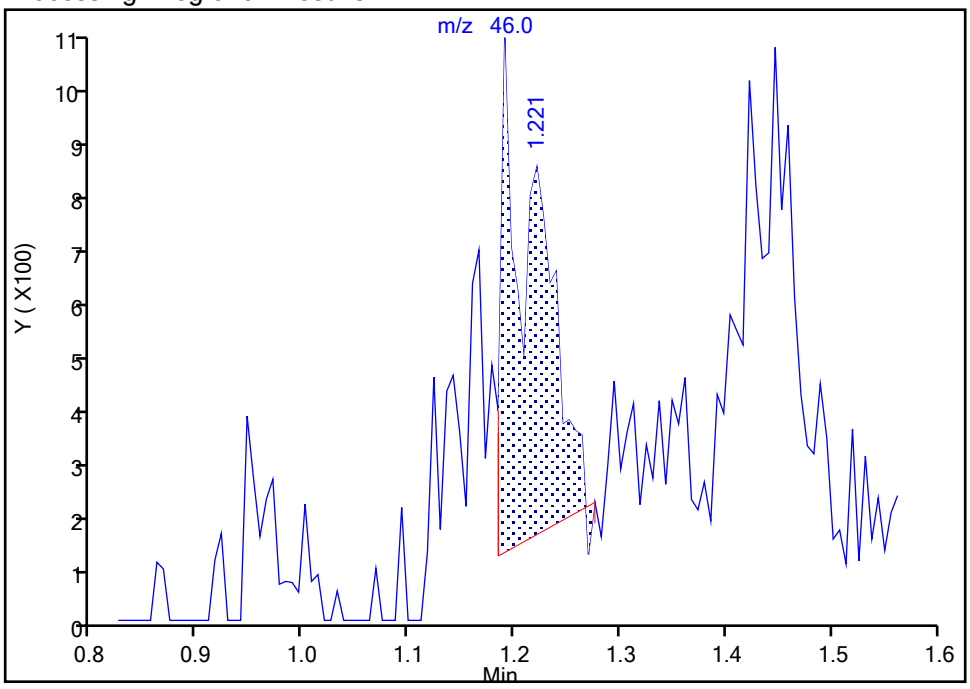
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

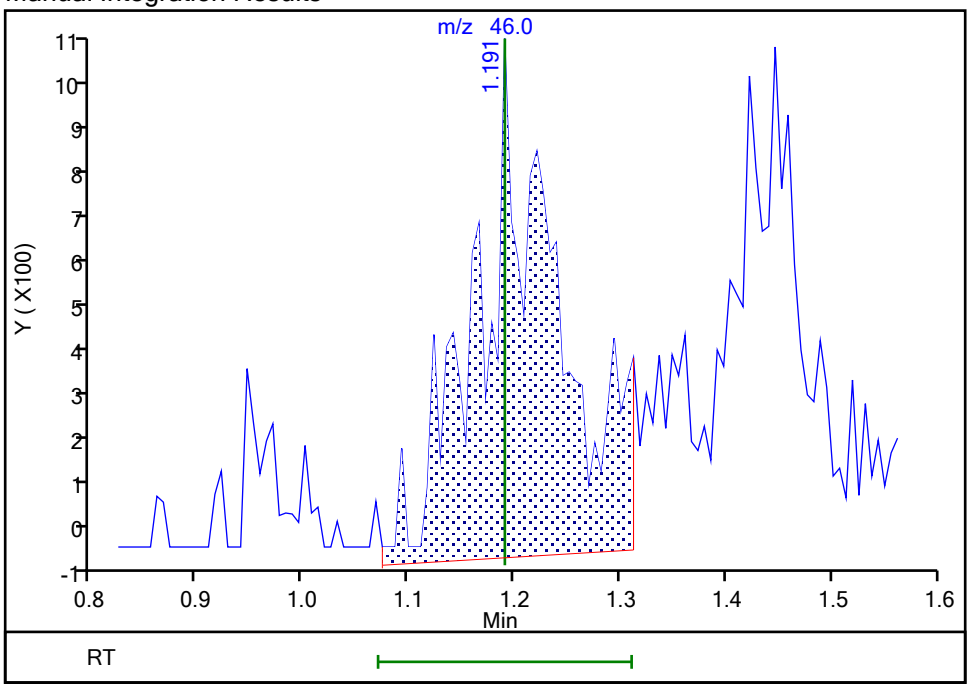
Processing Integration Results

RT: 1.22
Area: 2087
Amount: 371.7701
Amount Units: ug/l



Manual Integration Results

RT: 1.19
Area: 5583
Amount: 991.6280
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:07:42
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

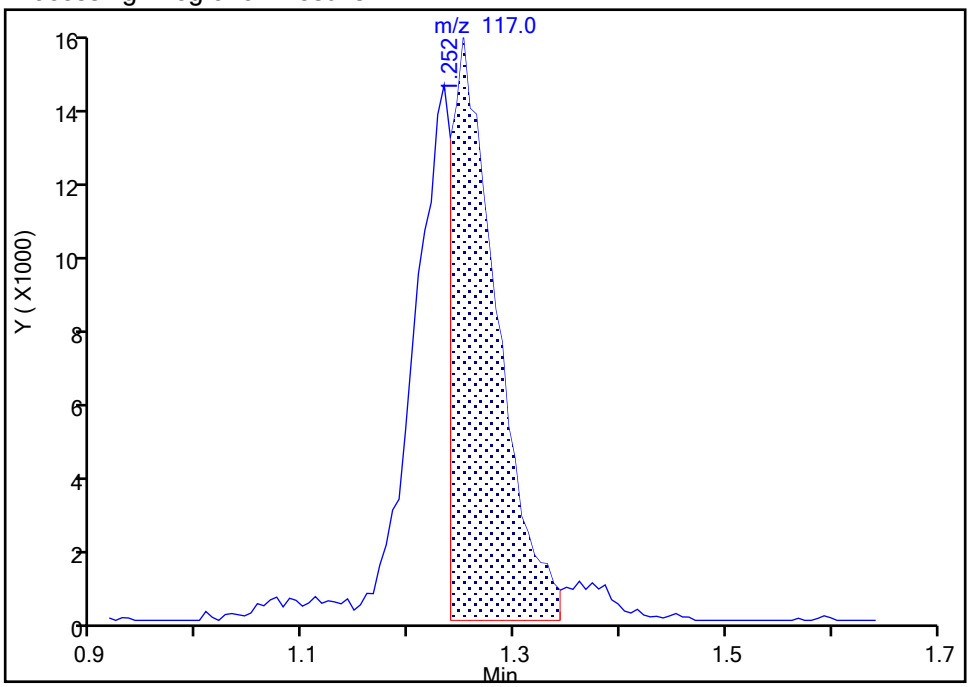
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

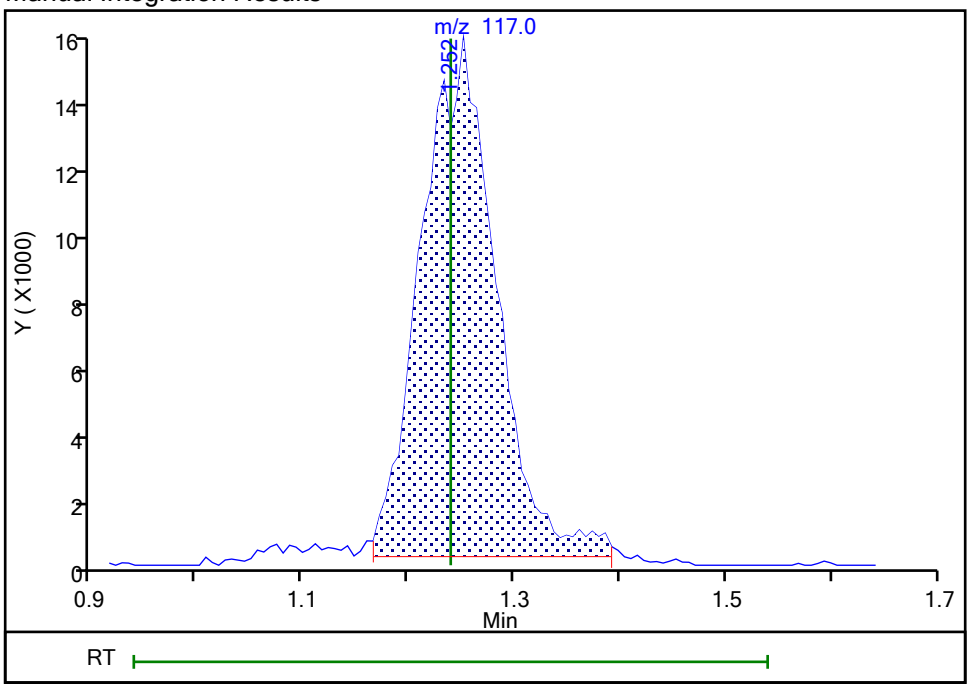
Processing Integration Results

RT: 1.25
Area: 47241
Amount: 12.816544
Amount Units: ug/l



Manual Integration Results

RT: 1.25
Area: 76209
Amount: 20.675600
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:07:51
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

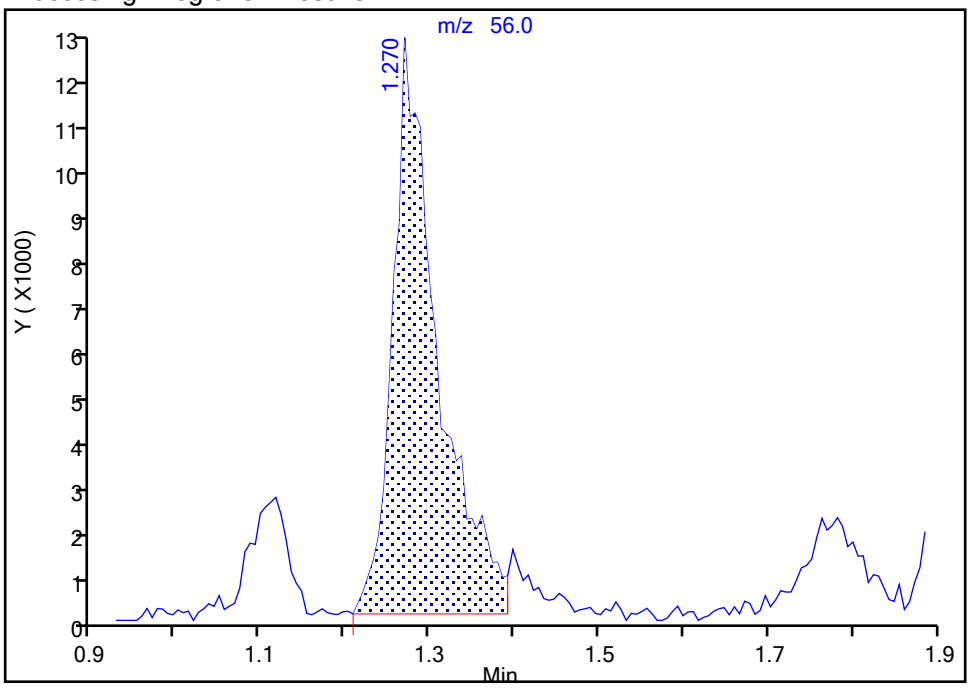
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

18 Acrolein, CAS: 107-02-8

Signal: 1

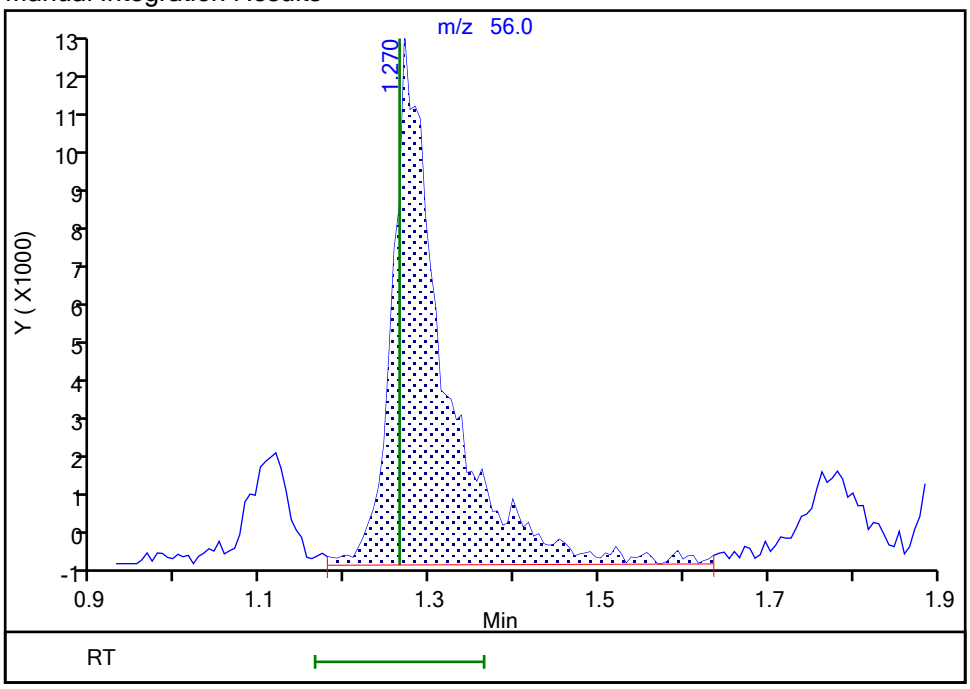
Processing Integration Results

RT: 1.27
Area: 44887
Amount: 141.0468
Amount Units: ug/l



Manual Integration Results

RT: 1.27
Area: 52073
Amount: 163.6271
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:08:02
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

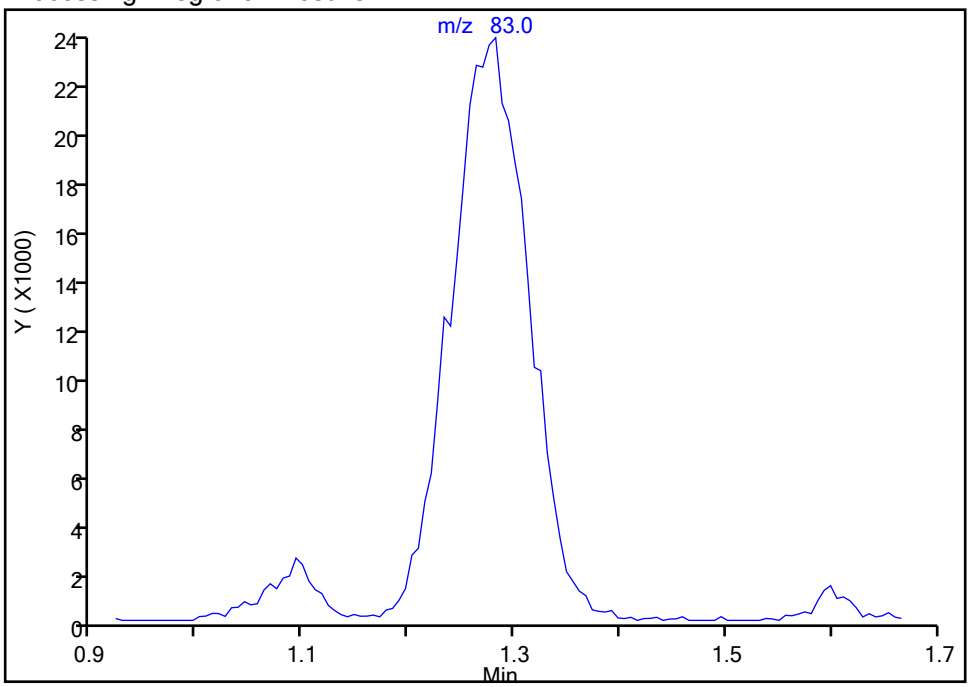
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

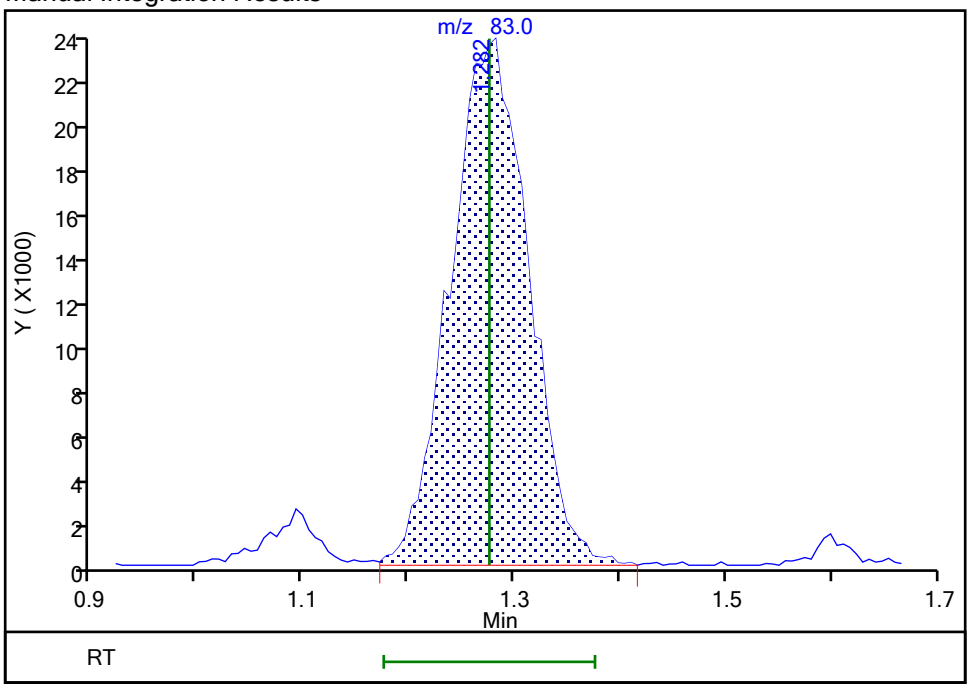
Not Detected
Expected RT: 1.28

Processing Integration Results



Manual Integration Results

RT: 1.28
Area: 118763
Amount: 21.165460
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:57:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

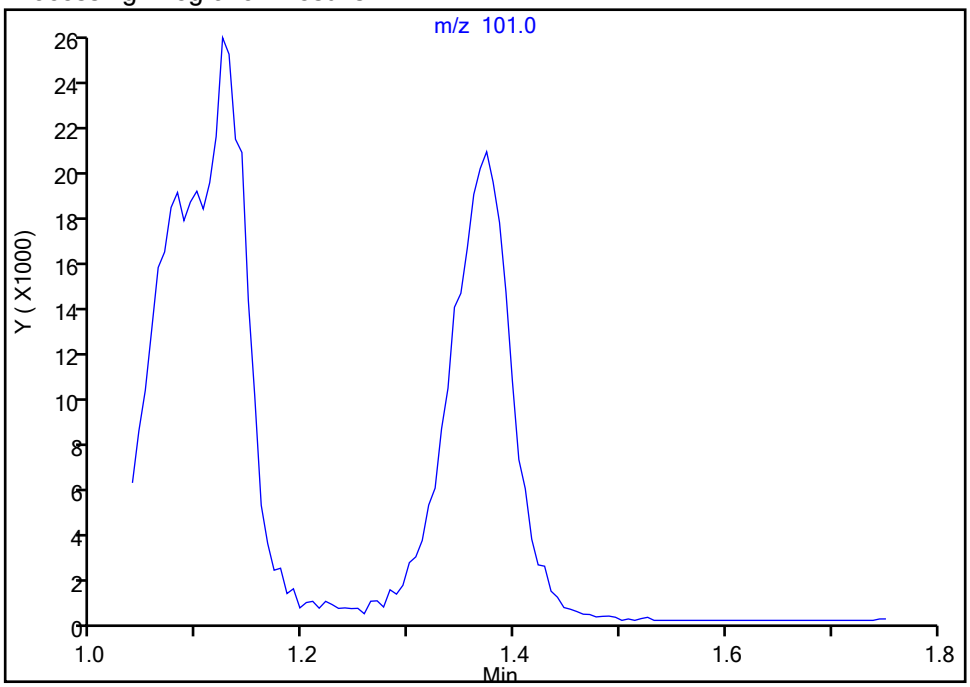
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

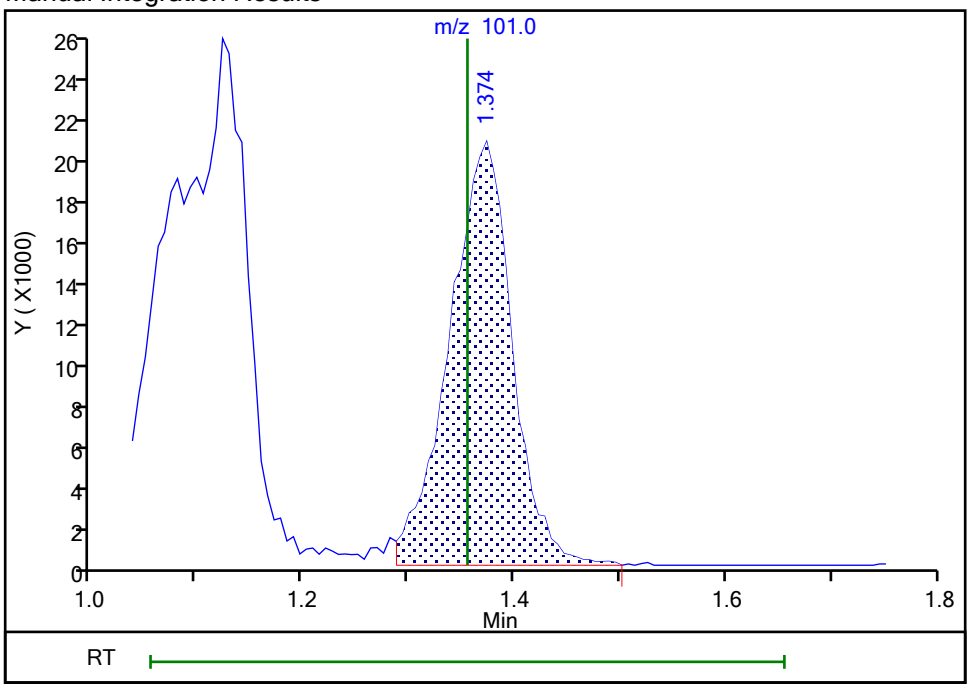
Not Detected
Expected RT: 1.36

Processing Integration Results



Manual Integration Results

RT: 1.37
Area: 85551
Amount: 21.132470
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:57:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

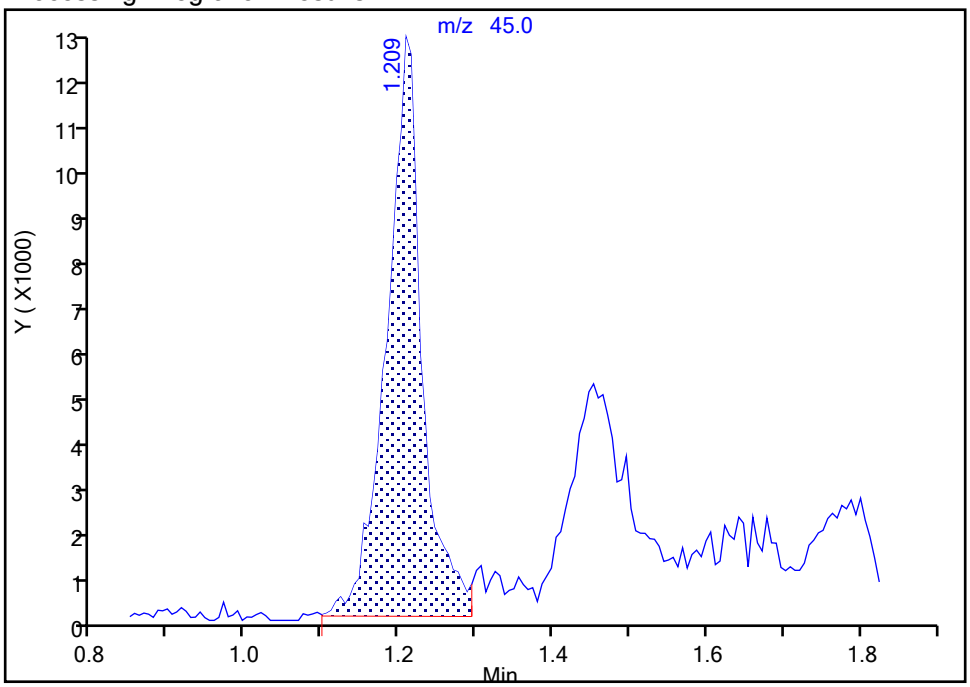
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

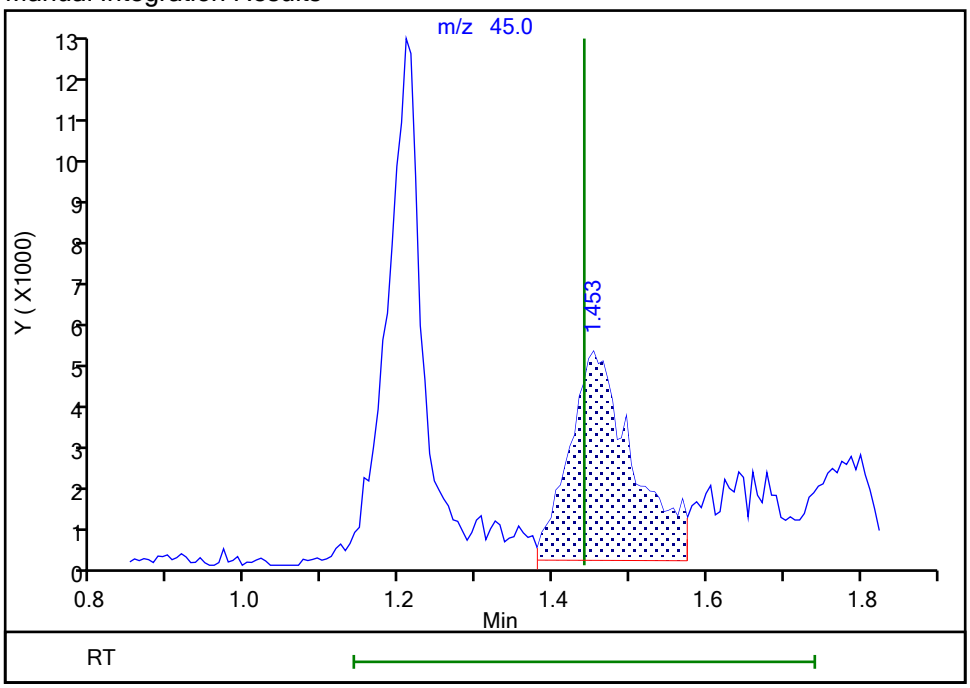
Processing Integration Results

RT: 1.21
Area: 41155
Amount: 252.2278
Amount Units: ug/l



Manual Integration Results

RT: 1.45
Area: 29712
Amount: 182.0968
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:58:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

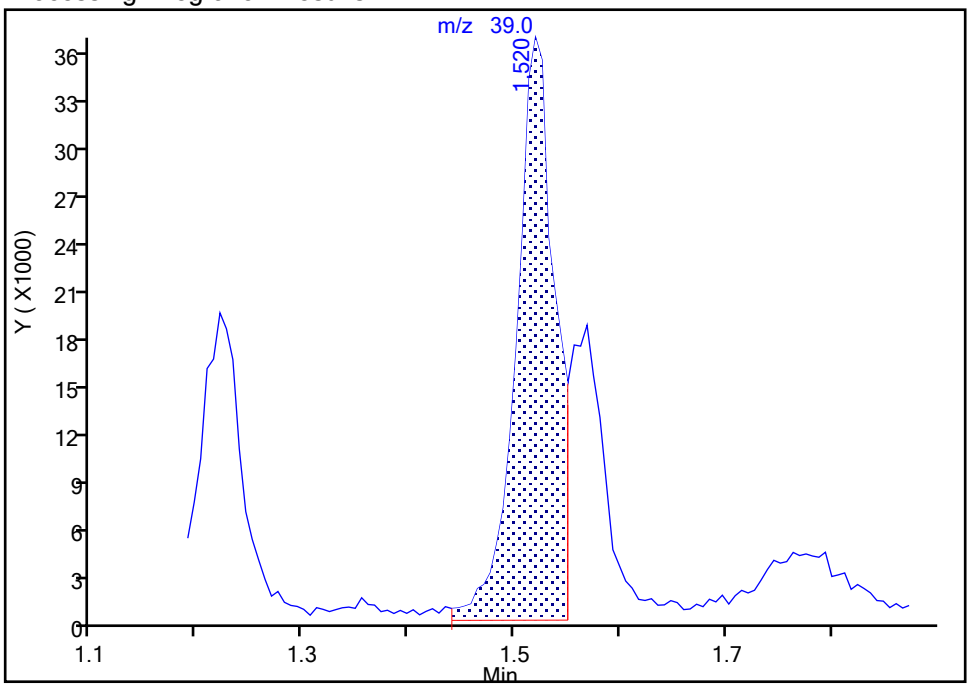
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

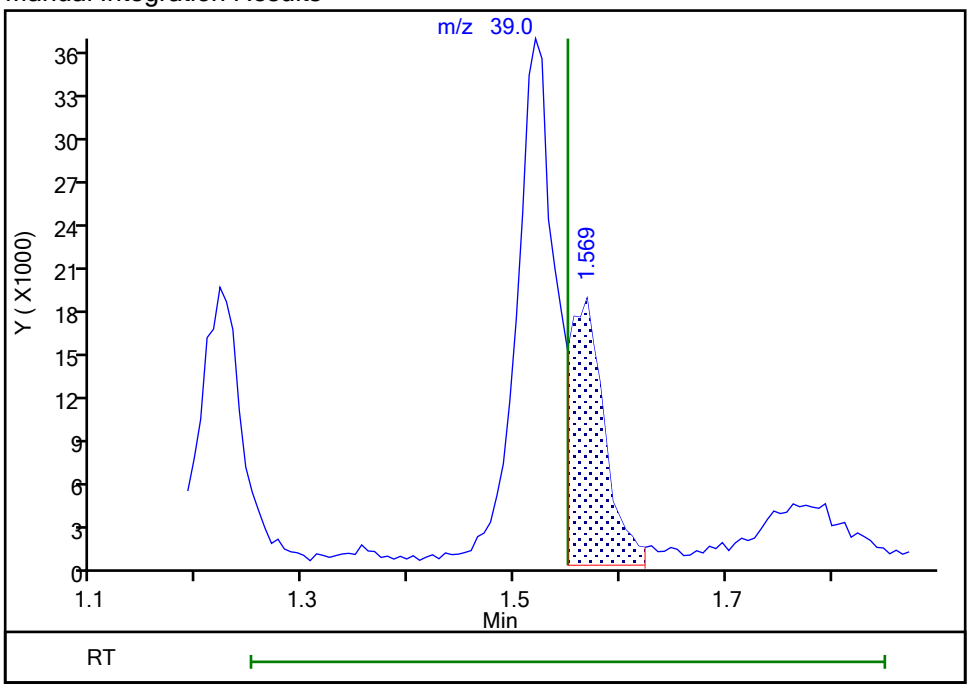
Processing Integration Results

RT: 1.52
Area: 93032
Amount: 433.8457
Amount Units: ug/l



Manual Integration Results

RT: 1.57
Area: 42998
Amount: 200.5170
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:58:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

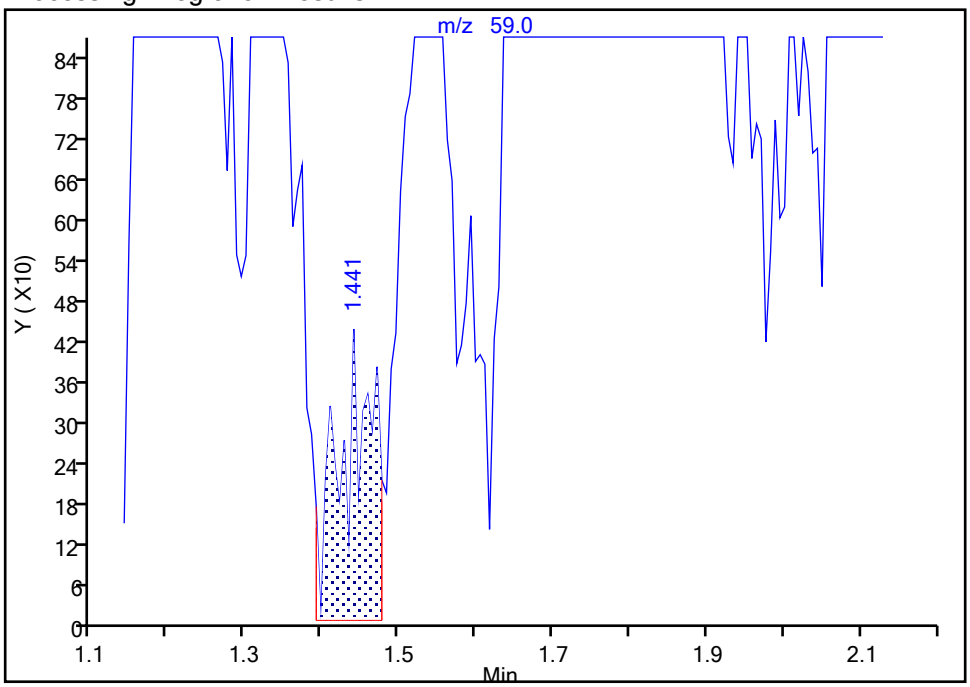
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

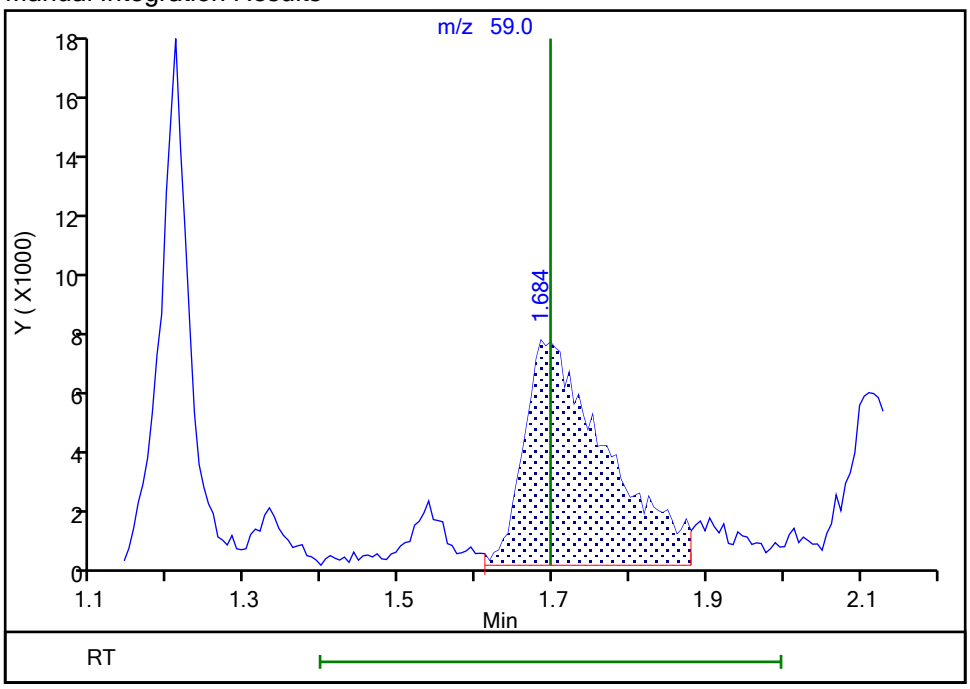
Processing Integration Results

RT: 1.44
Area: 1304
Amount: 4.310631
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 55198
Amount: 182.4680
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:58:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

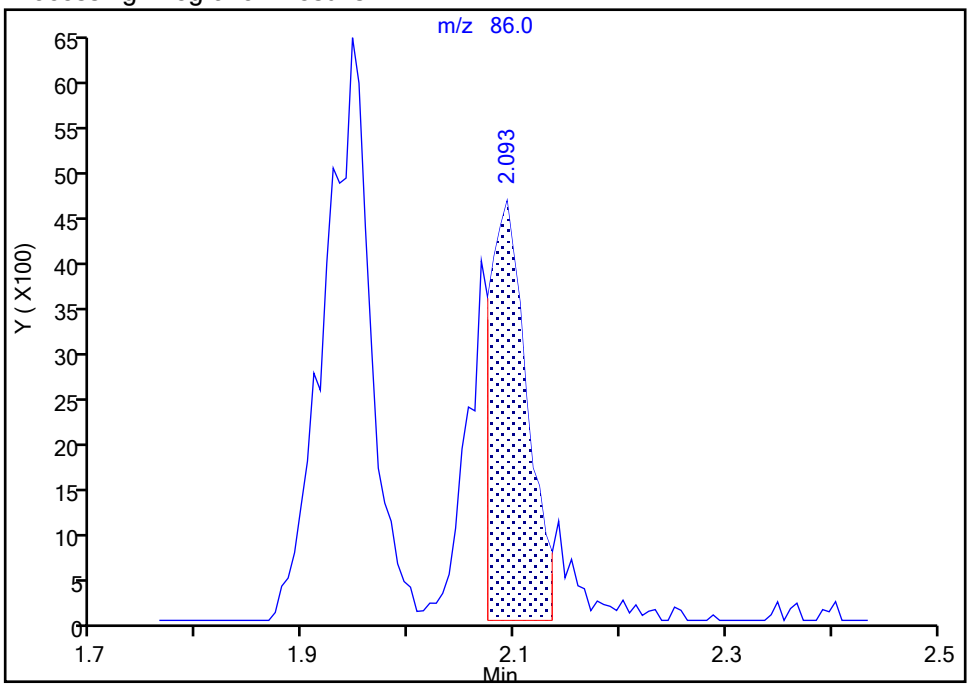
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

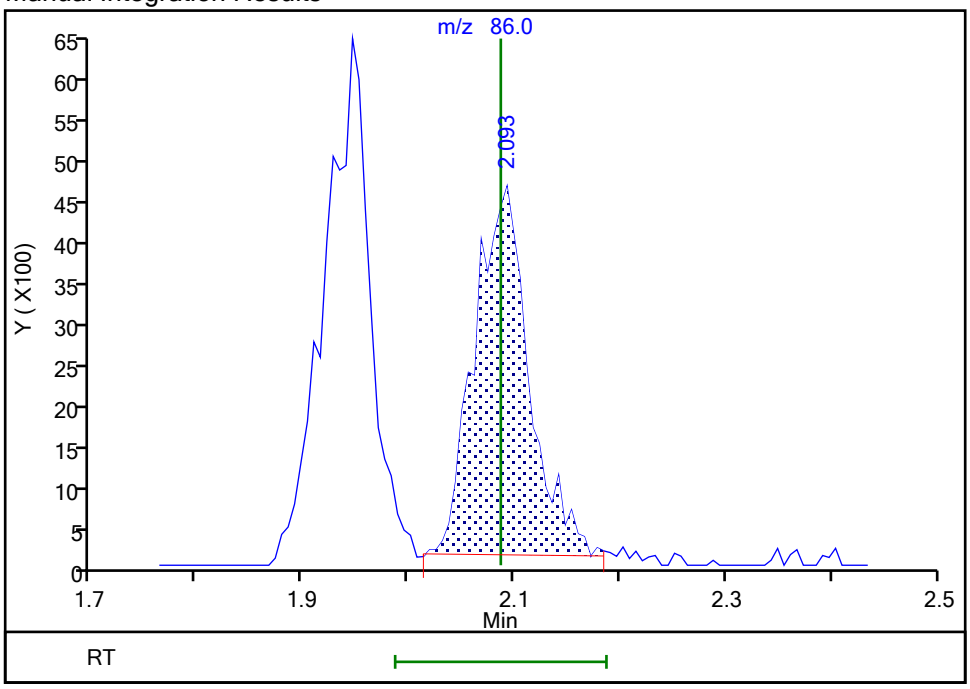
Processing Integration Results

RT: 2.09
Area: 11499
Amount: 23.820456
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 16125
Amount: 33.403326
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:05:02
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

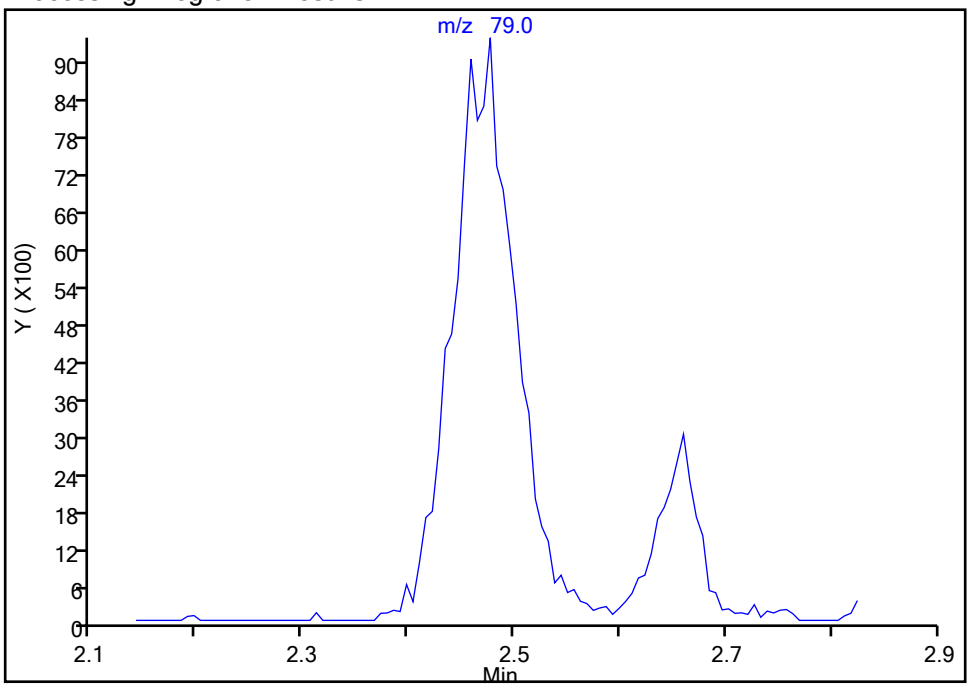
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

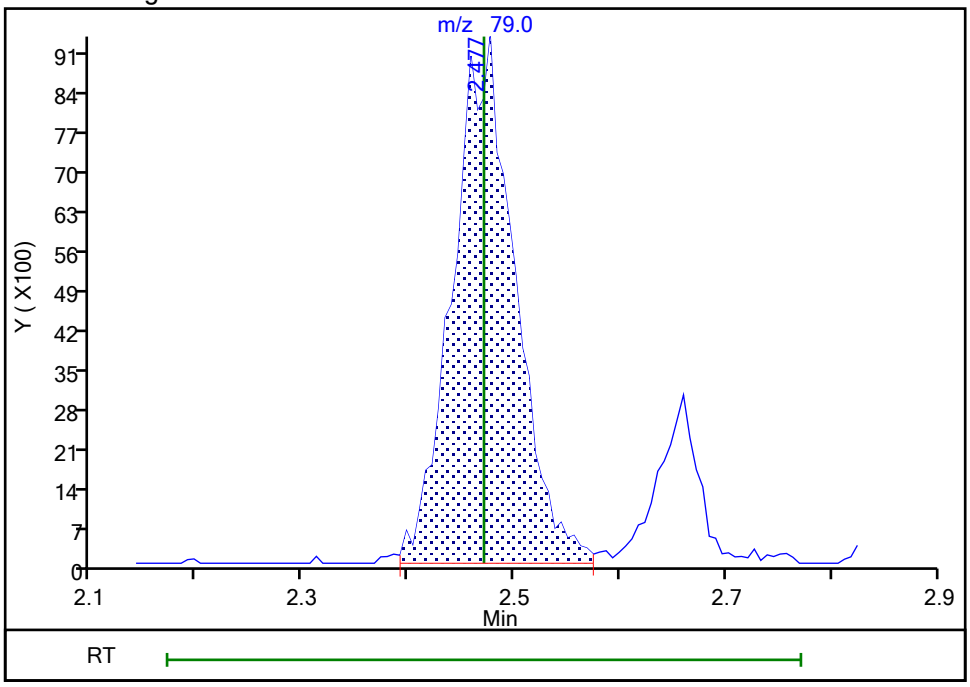
Not Detected
Expected RT: 2.47

Processing Integration Results



Manual Integration Results

RT: 2.48
Area: 38365
Amount: 20.726141
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:58:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

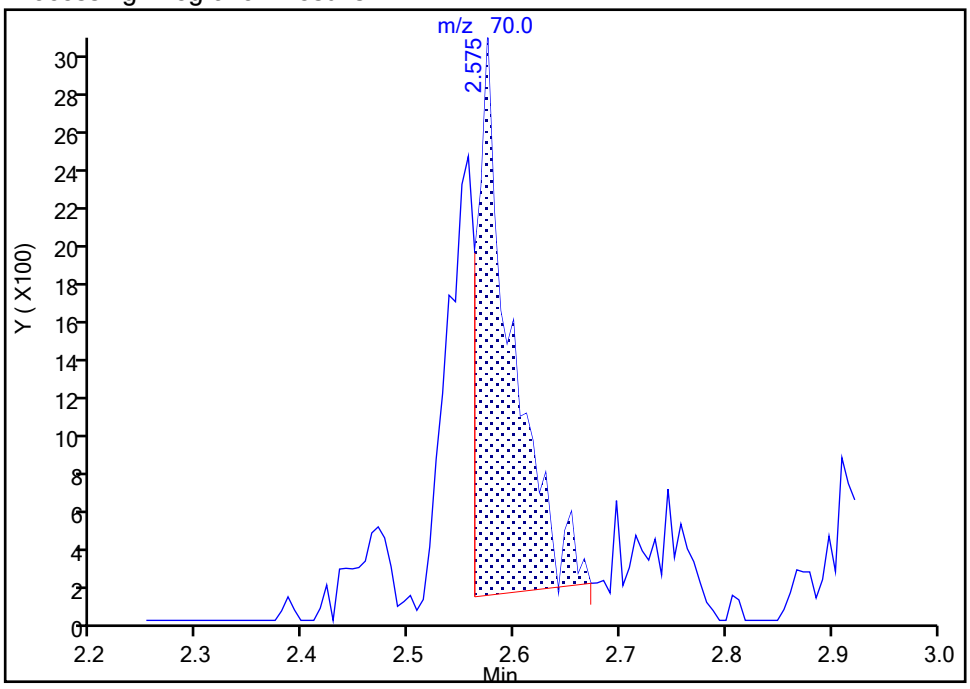
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

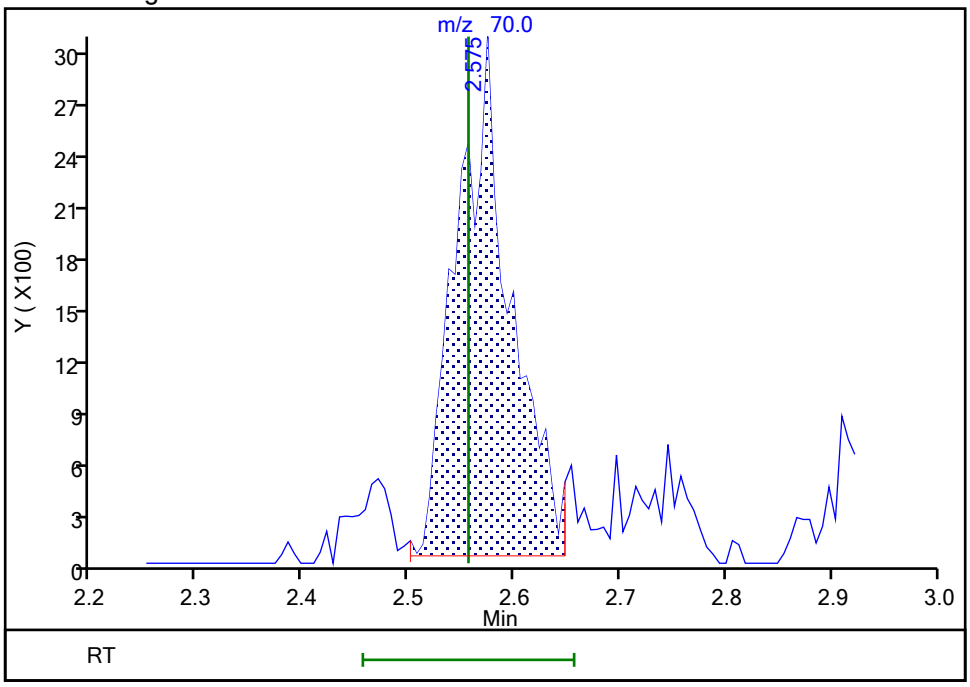
Processing Integration Results

RT: 2.57
Area: 6585
Amount: 27.064051
Amount Units: ug/l



Manual Integration Results

RT: 2.57
Area: 10783
Amount: 44.317641
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:10:31
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

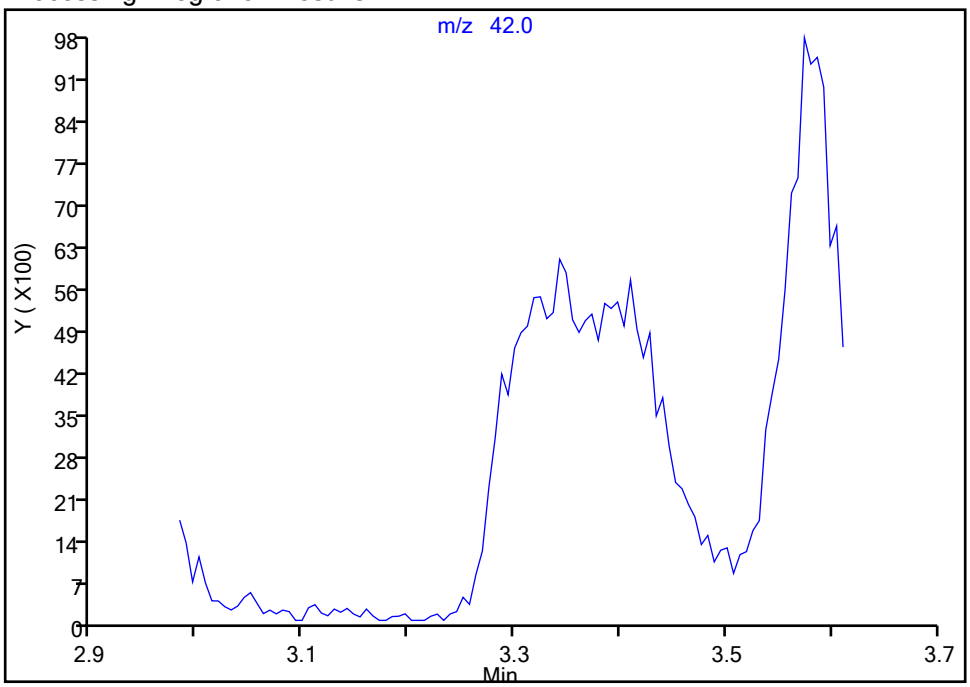
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

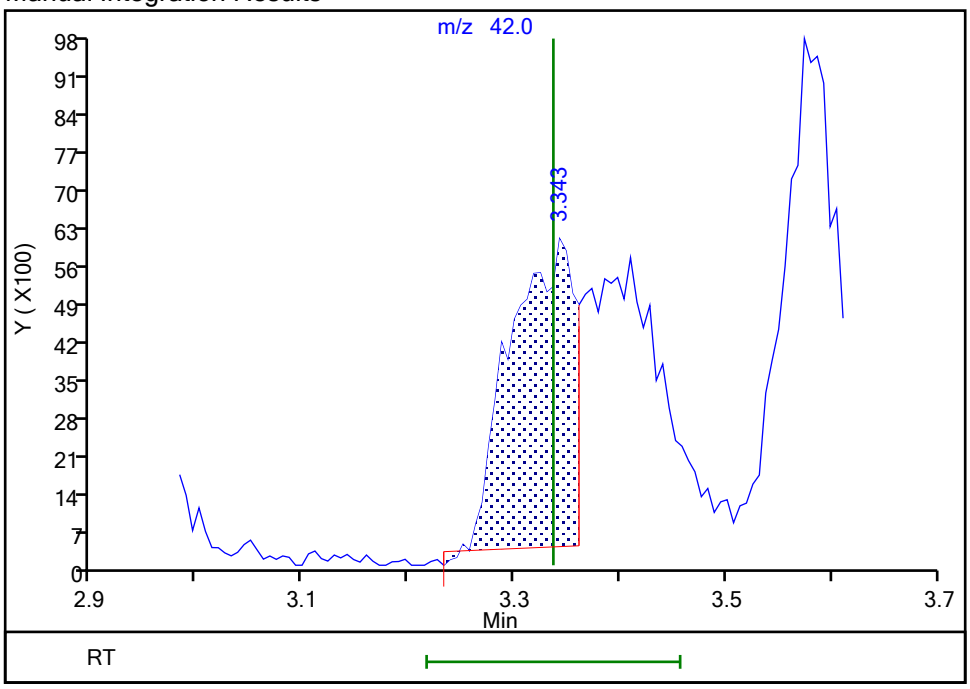
Not Detected
Expected RT: 3.34

Processing Integration Results



Manual Integration Results

RT: 3.34
Area: 24235
Amount: 390.6485
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:03:12
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

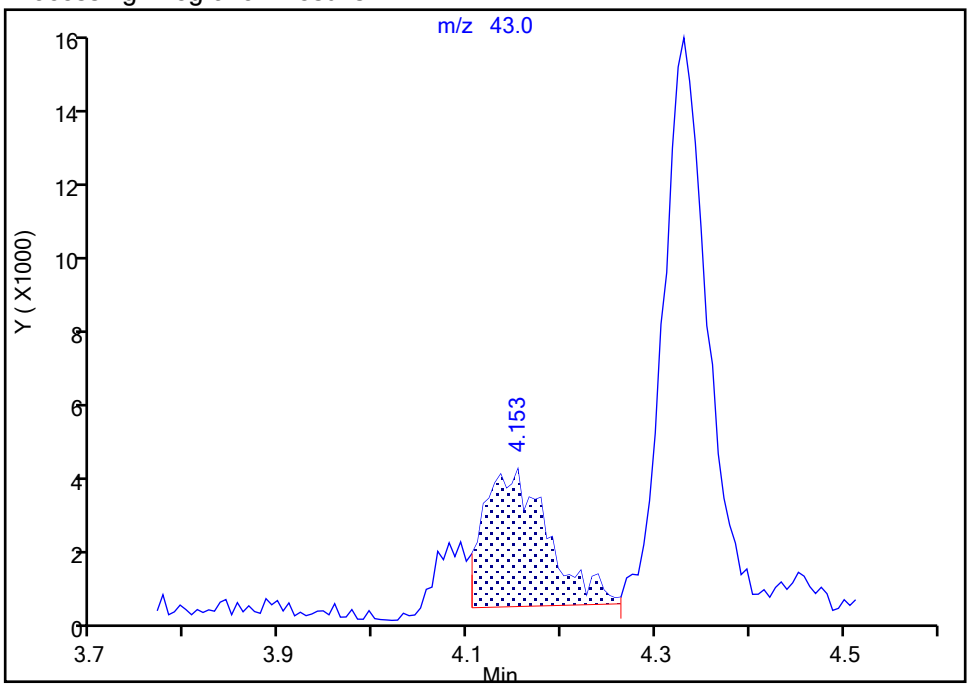
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

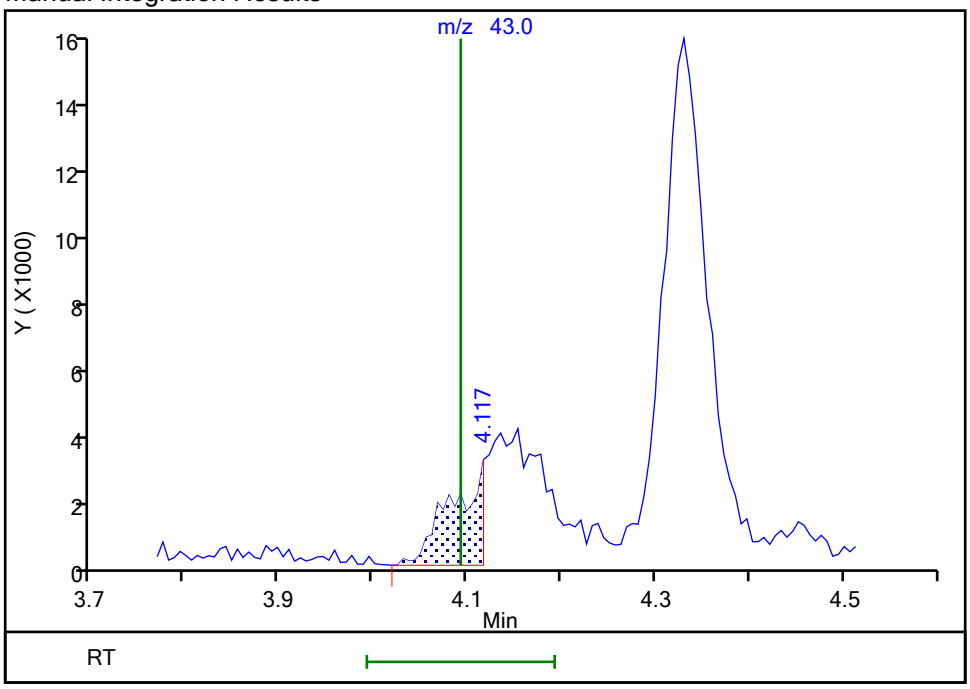
Processing Integration Results

RT: 4.15
Area: 17408
Amount: 879.8771
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 7478
Amount: 389.6396
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:06:25
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

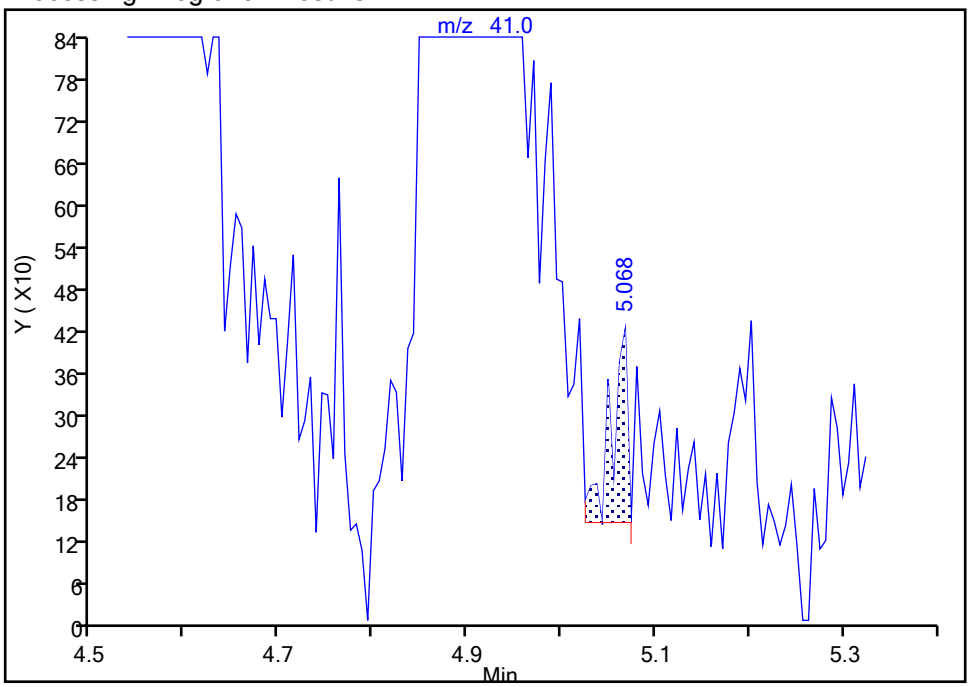
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 2-Nitropropane, CAS: 79-46-9

Signal: 1

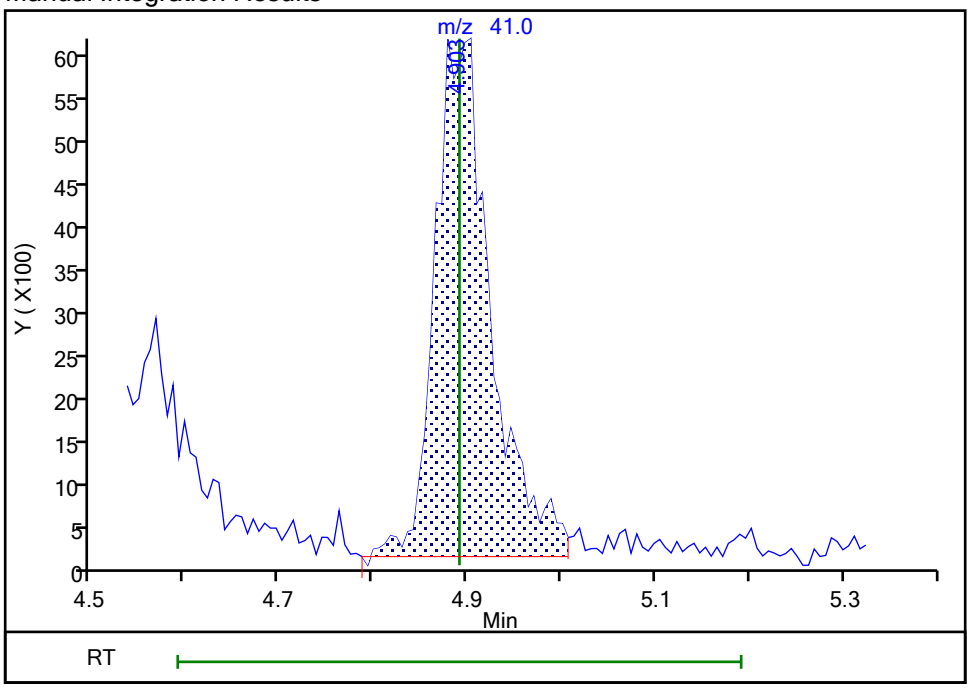
Processing Integration Results

RT: 5.07
Area: 331
Amount: 0.482242
Amount Units: ug/l



Manual Integration Results

RT: 4.90
Area: 25049
Amount: 36.494535
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:58:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

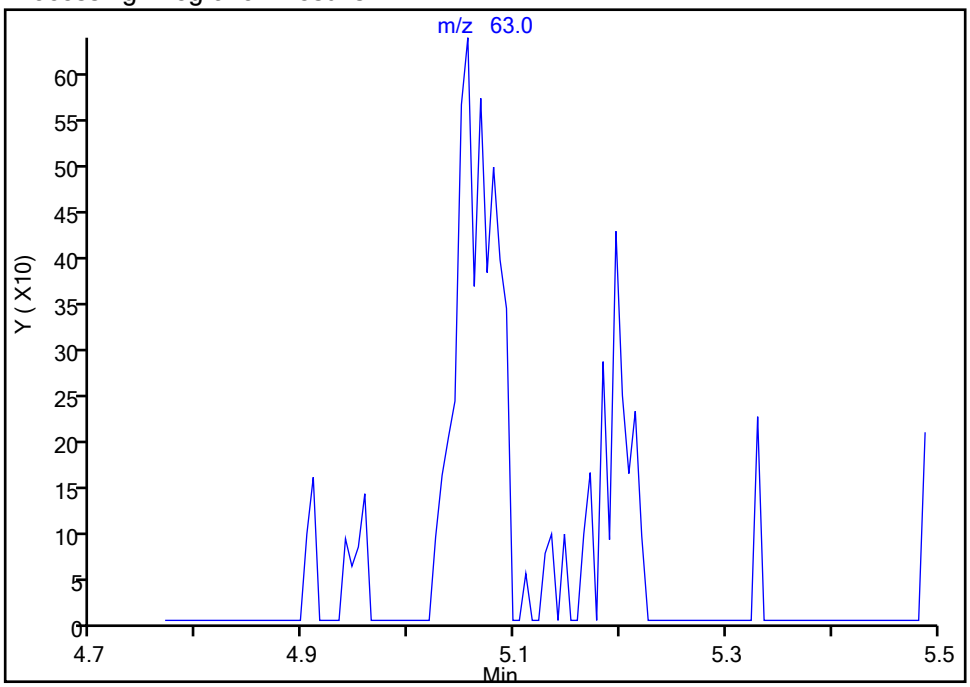
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

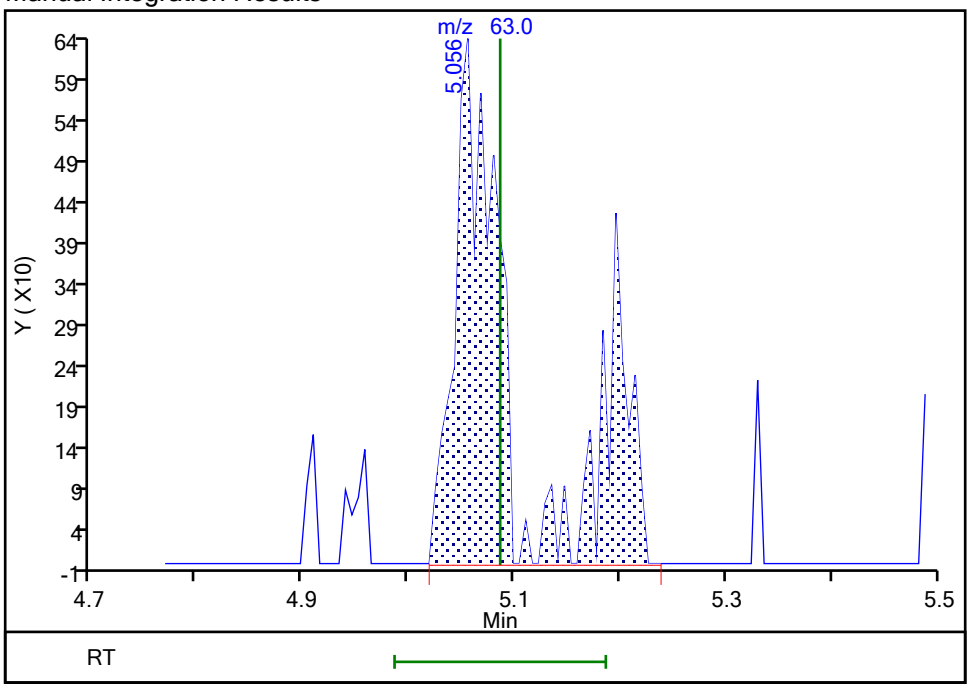
Not Detected
Expected RT: 5.09

Processing Integration Results



Manual Integration Results

RT: 5.06
Area: 2408
Amount: 8.949506
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 20:02:02
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

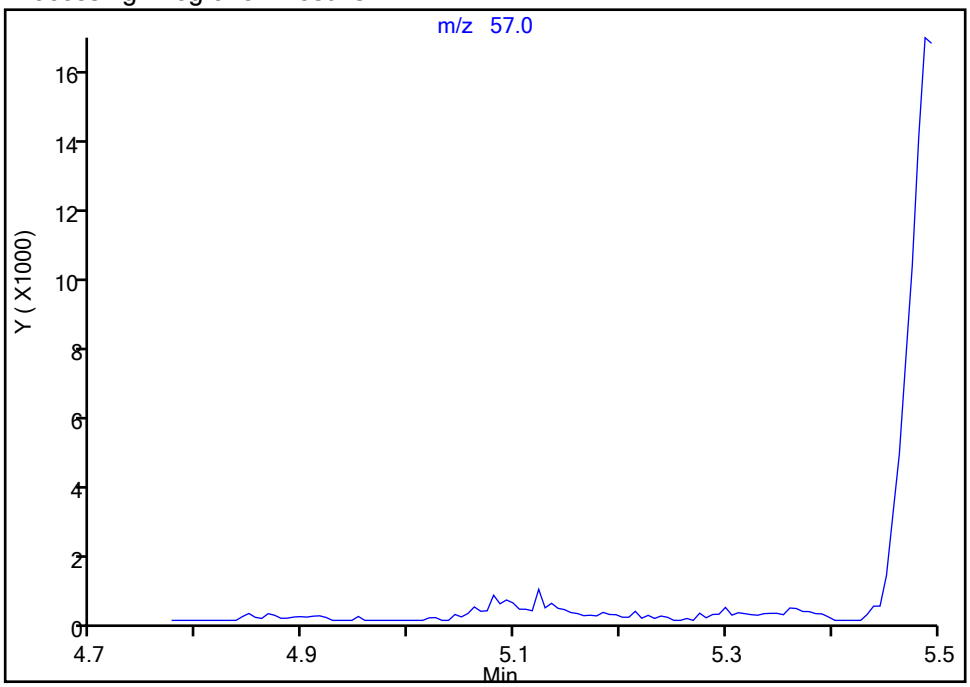
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

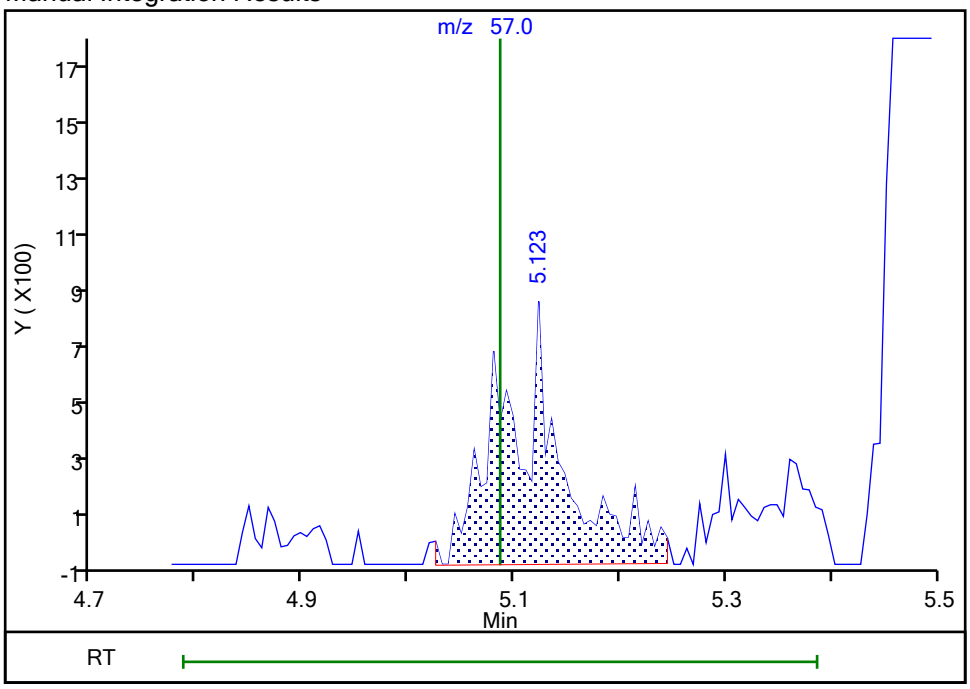
Not Detected
Expected RT: 5.09

Processing Integration Results



Manual Integration Results

RT: 5.12
Area: 3412
Amount: 22.635019
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:59:21
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Edison

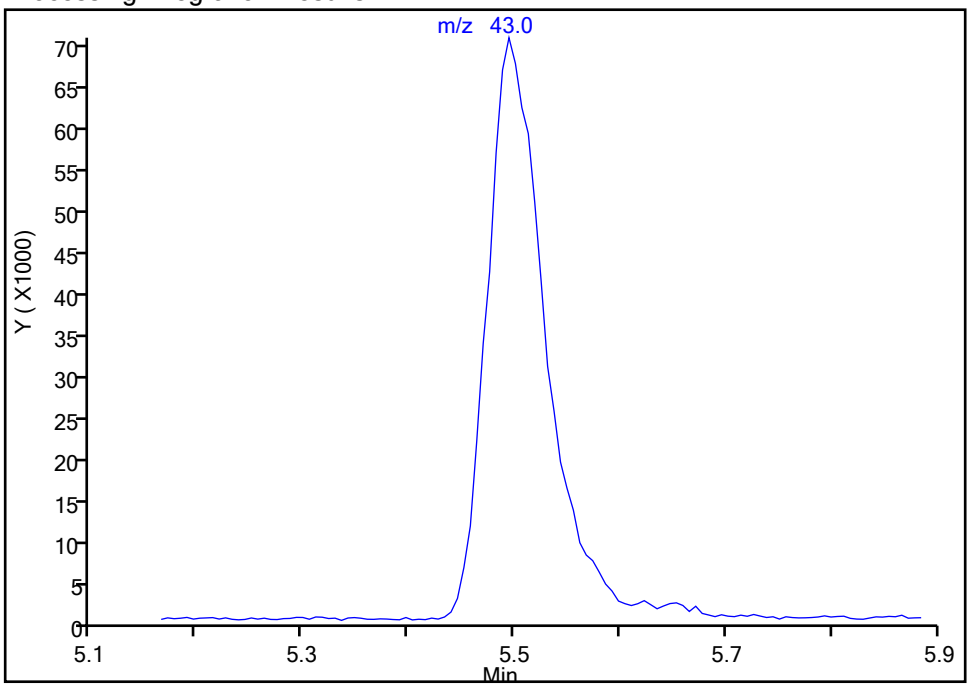
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

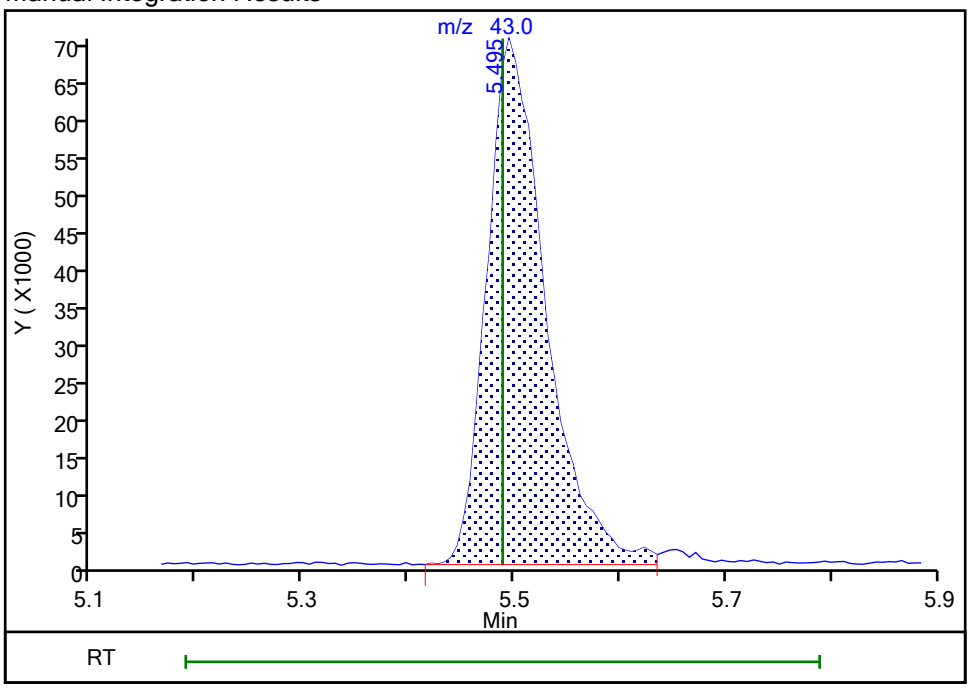
Not Detected
Expected RT: 5.49

Processing Integration Results



Manual Integration Results

RT: 5.49
Area: 274291
Amount: 92.552158
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:59:36
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins TestAmerica, Edison

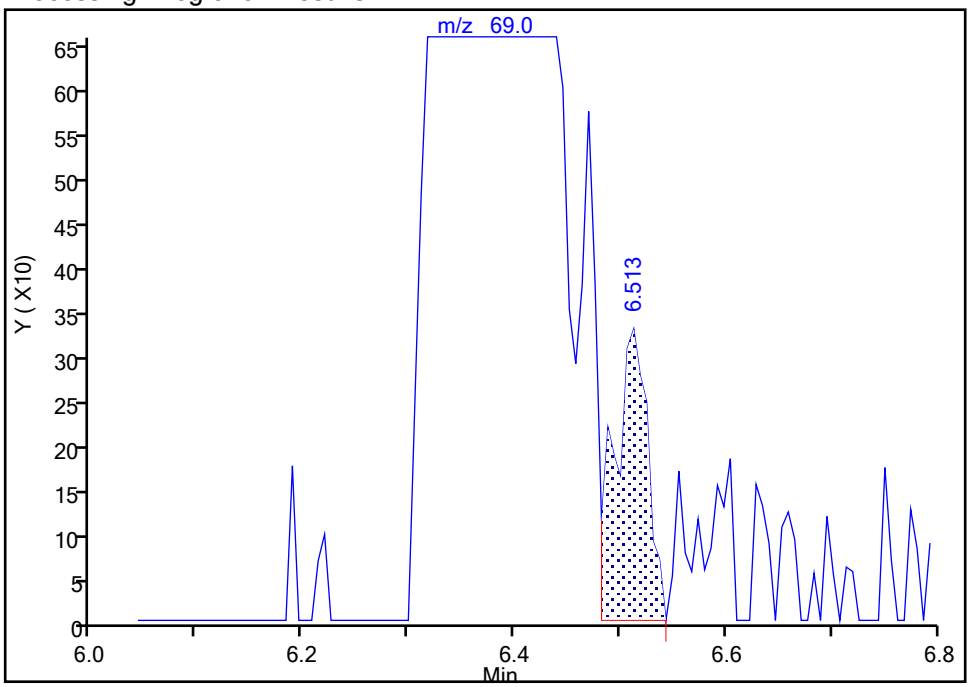
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69805.D
Injection Date: 11-Mar-2021 15:01:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

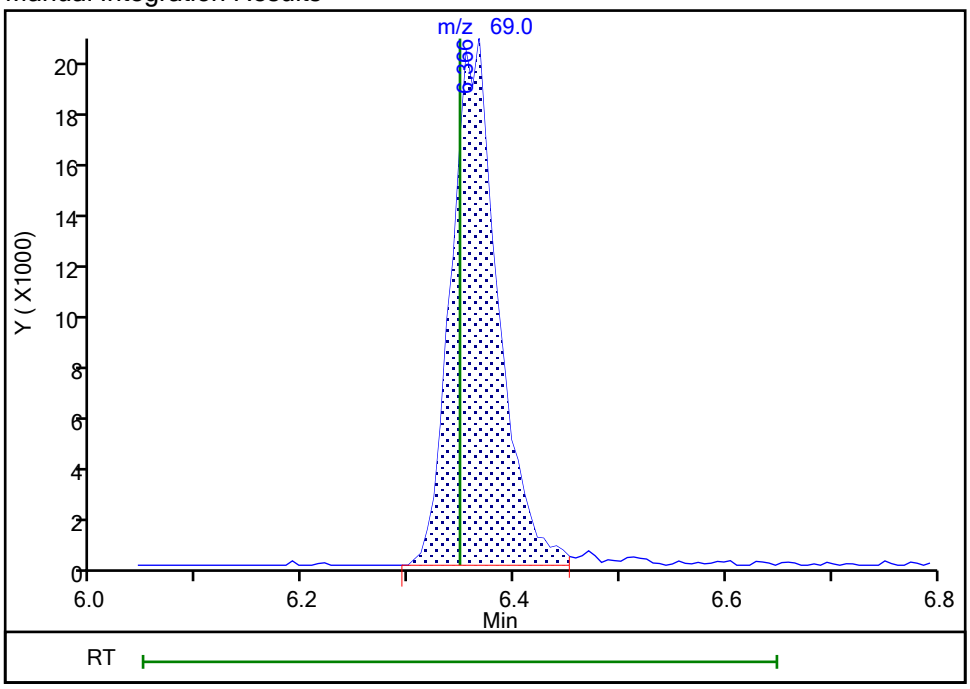
Processing Integration Results

RT: 6.51
Area: 727
Amount: 0.195185
Amount Units: ug/l



Manual Integration Results

RT: 6.37
Area: 64198
Amount: 17.235883
Amount Units: ug/l



Reviewer: kluseys, 14-Mar-2021 19:59:49
Audit Action: Assigned Compound ID Audit Reason: Split Peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: CCVIS 460-775506/2 Calibration Date: 05/03/2021 18:44

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B71676.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.6066	0.4969	0.1000	16.4	20.0	-18.1	20.0
Chlorodifluoromethane	Qua2		0.0633		16.4	20.0	-18.0	20.0
Chloromethane	Ave	0.5769	0.4919	0.1000	17.1	20.0	-14.7	20.0
Butadiene	Ave	0.3817	0.3483		18.3	20.0	-8.7	20.0
Vinyl chloride	Ave	0.4156	0.4077	0.1000	19.6	20.0	-1.9	20.0
Bromomethane	Ave	0.3172	0.3160	0.1000	19.9	20.0	-0.4	50.0
Chloroethane	Ave	0.2347	0.2012	0.1000	17.2	20.0	-14.2	50.0
Dichlorofluoromethane	Ave	0.6039	0.5421		18.0	20.0	-10.2	20.0
Pentane	Ave	0.0492	0.0424		34.4	40.0	-13.9	20.0
Trichlorofluoromethane	Ave	0.5746	0.5487	0.1000	19.1	20.0	-4.5	20.0
Ethyl ether	Ave	0.2076	0.1792		17.3	20.0	-13.7	20.0
2-Methyl-1,3-butadiene	Ave	0.2769	0.2007		14.5	20.0	-27.5*	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3128	0.3207		20.5	20.0	2.5	20.0
Ethanol	QuaF		0.0215		748	800	-6.4	50.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4762	0.4691		19.7	20.0	-1.5	20.0
Acrolein	Ave	1.301	0.9201		212	300	-29.3	50.0
1,1-Dichloroethene	Ave	0.2982	0.2749	0.1000	18.4	20.0	-7.8	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3436	0.2944	0.1000	17.1	20.0	-14.3	20.0
Acetone	Ave	0.7710	0.6812	0.0500	88.4	100	-11.6	50.0
Iodomethane	Ave	0.6215	0.5737		18.5	20.0	-7.7	20.0
Carbon disulfide	Ave	1.071	0.9559	0.1000	17.9	20.0	-10.7	50.0
Isopropyl alcohol	Ave	0.6669	0.3975		119	200	-40.4	50.0
3-Chloro-1-propene	Ave	0.3733	0.3096		16.6	20.0	-17.1	20.0
Methyl acetate	Ave	0.1904	0.1665	0.1000	35.0	40.0	-12.5	20.0
Acetonitrile	Ave	0.8764	0.4002		91.3	200	-54.3*	20.0
Methylene Chloride	Ave	0.3243	0.3045	0.1000	18.8	20.0	-6.1	20.0
2-Methyl-2-propanol	Ave	1.236	0.9538		154	200	-22.9	50.0
Acrylonitrile	Ave	4.351	2.576		118	200	-40.8*	20.0
trans-1,2-Dichloroethene	Ave	0.3308	0.3037	0.1000	18.4	20.0	-8.2	20.0
Methyl tert-butyl ether	Ave	0.8568	0.7289	0.1000	17.0	20.0	-14.9	20.0
Hexane	Ave	0.4697	0.3889		16.6	20.0	-17.2	20.0
1,1-Dichloroethane	Ave	0.5777	0.4751	0.2000	16.5	20.0	-17.7	20.0
2-Chloro-1,3-butadiene	Ave	0.2843	0.2702		19.0	20.0	-5.0	20.0
Vinyl acetate	Ave	0.4697	0.5270		44.9	40.0	12.2	20.0
Isopropyl ether	Ave	0.9850	0.7425		15.1	20.0	-24.6*	20.0
Tert-butyl ethyl ether	Ave	0.3531	0.3262		18.5	20.0	-7.6	20.0
2,2-Dichloropropane	Ave	0.1571	0.1390		17.7	20.0	-11.5	20.0
cis-1,2-Dichloroethene	Ave	0.3454	0.3344	0.1000	19.4	20.0	-3.2	20.0
2-Butanone (MEK)	Ave	0.3503	0.3242	0.0500	92.5	100	-7.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: CCVIS 460-775506/2 Calibration Date: 05/03/2021 18:44

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B71676.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	0.3324	0.3337		201	200	0.4	20.0
Ethyl acetate	Ave	0.2368	0.2836		47.9	40.0	19.8	20.0
Methyl acrylate	Ave	0.2857	0.2750		19.3	20.0	-3.7	20.0
Chlorobromomethane	Ave	0.1789	0.1746		19.5	20.0	-2.4	20.0
Methacrylonitrile	Ave	0.1017	0.1033		203	200	1.6	20.0
Tetrahydrofuran	QuaF		0.3623		37.5	40.0	-6.3	20.0
Chloroform	Ave	0.5627	0.4896	0.2000	17.4	20.0	-13.0	20.0
1,1,1-Trichloroethane	Ave	0.5196	0.4491	0.1000	17.3	20.0	-13.6	20.0
Cyclohexane	Ave	0.5054	0.4489	0.1000	17.8	20.0	-11.2	50.0
1,1-Dichloropropene	Ave	0.4322	0.3768		17.4	20.0	-12.8	20.0
Carbon tetrachloride	Ave	0.4605	0.3893	0.1000	16.9	20.0	-15.5	20.0
Benzene	Ave	1.547	1.393	0.5000	18.0	20.0	-10.0	20.0
1,2-Dichloroethane	Ave	0.3931	0.3206	0.1000	16.3	20.0	-18.4	20.0
Isobutyl alcohol	Ave	0.2535	0.1948		384	500	-23.2	50.0
Tert-amyl methyl ether	Ave	0.9411	0.9005		19.1	20.0	-4.3	20.0
Isopropyl acetate	Ave	1.191	1.128		18.9	20.0	-5.3	20.0
n-Heptane	Ave	0.5703	0.4015		14.1	20.0	-29.6*	20.0
Trichloroethene	Ave	0.3237	0.2902	0.2000	17.9	20.0	-10.3	20.0
n-Butanol	QuaF		0.0481		308	500	-38.4	50.0
Methylcyclohexane	Ave	0.5887	0.5223	0.1000	17.7	20.0	-11.3	50.0
Ethyl acrylate	Ave	0.7676	0.6363		16.6	20.0	-17.1	20.0
1,2-Dichloropropane	Ave	0.3142	0.2538	0.1000	16.2	20.0	-19.2	20.0
Dibromomethane	Ave	0.1834	0.1615		17.6	20.0	-12.0	20.0
1,4-Dioxane	Ave	1.164	1.149		395	400	-1.3	50.0
Methyl methacrylate	Ave	0.0641	0.0699		43.7	40.0	9.1	20.0
Dichlorobromomethane	Ave	0.4013	0.3436	0.2000	17.1	20.0	-14.4	20.0
n-Propyl acetate	Ave	0.3538	0.2875		16.3	20.0	-18.7	20.0
2-Nitropropane	Ave	0.0583	0.0449		30.8	40.0	-23.0*	20.0
2-Chloroethyl vinyl ether	QuaF		0.0336		29.1	20.0	45.2*	20.0
Epichlorohydrin	QuaF		0.1993		537	400	34.3*	20.0
cis-1,3-Dichloropropene	Ave	0.5638	0.5011	0.2000	17.8	20.0	-11.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.884	2.136	0.0500	74.1	100	-25.9	50.0
Toluene	Ave	1.666	1.505	0.4000	18.1	20.0	-9.7	20.0
trans-1,3-Dichloropropene	Ave	0.4938	0.4292	0.1000	17.4	20.0	-13.1	50.0
1,1,2-Trichloroethane	Ave	0.2641	0.2333	0.1000	17.7	20.0	-11.7	20.0
Ethyl methacrylate	Ave	0.3161	0.2781		17.6	20.0	-12.0	20.0
Tetrachloroethene	Ave	0.4757	0.4064	0.2000	17.1	20.0	-14.6	20.0
1,3-Dichloropropane	Ave	0.5319	0.4407		16.6	20.0	-17.1	20.0
2-Hexanone	Ave	1.886	1.439	0.0500	76.3	100	-23.7	50.0
Chlorodibromomethane	Ave	0.3701	0.3203	0.1000	17.3	20.0	-13.4	50.0
Ethylene Dibromide	Ave	0.3186	0.2871	0.1000	18.0	20.0	-9.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: CCVIS 460-775506/2 Calibration Date: 05/03/2021 18:44

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B71676.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.0793	0.0846		21.3	20.0	6.7	20.0
Chlorobenzene	Ave	1.075	0.9648	0.5000	18.0	20.0	-10.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4078	0.3424		16.8	20.0	-16.0	20.0
Ethylbenzene	Ave	0.5888	0.5305	0.1000	18.0	20.0	-9.9	20.0
m-Xylene & p-Xylene	Ave	0.7041	0.6367	0.1000	18.1	20.0	-9.6	20.0
o-Xylene	Ave	0.7022	0.6364	0.3000	18.1	20.0	-9.4	20.0
Styrene	Ave	1.164	1.041	0.3000	17.9	20.0	-10.6	20.0
n-Butyl acrylate	Ave	0.2251	0.2517		22.4	20.0	11.8	20.0
Bromoform	Ave	0.2689	0.2168	0.1000	16.1	20.0	-19.4	20.0
Amyl acetate (mixed isomers)	Ave	0.9001	0.7533		16.7	20.0	-16.3	20.0
Isopropylbenzene	Ave	1.909	1.687	0.1000	17.7	20.0	-11.6	20.0
Bromobenzene	Ave	0.8263	0.7286		17.6	20.0	-11.8	20.0
1,2,3-Trichloropropane	Ave	0.2163	0.1971		18.2	20.0	-8.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7344	0.6975	0.3000	19.0	20.0	-5.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1757	0.1617		18.4	20.0	-7.9	20.0
N-Propylbenzene	Ave	0.9053	0.7914		17.5	20.0	-12.6	20.0
2-Chlorotoluene	Ave	0.7996	0.6946		17.4	20.0	-13.1	20.0
4-Ethyltoluene	Ave	3.103	2.663		17.2	20.0	-14.2	20.0
4-Chlorotoluene	Ave	2.673	2.224		16.6	20.0	-16.8	20.0
1,3,5-Trimethylbenzene	Ave	2.704	2.273		16.8	20.0	-15.9	20.0
Butyl Methacrylate	QuaF		0.6914		17.2	20.0	-13.9	20.0
tert-Butylbenzene	Ave	2.184	1.943		17.8	20.0	-11.0	20.0
1,2,4-Trimethylbenzene	Ave	2.762	2.359		17.1	20.0	-14.6	20.0
sec-Butylbenzene	Ave	3.550	3.090		17.4	20.0	-13.0	20.0
1,3-Dichlorobenzene	Ave	1.657	1.364	0.6000	16.5	20.0	-17.6	20.0
1,4-Dichlorobenzene	Ave	1.679	1.436	0.5000	17.1	20.0	-14.5	20.0
4-Isopropyltoluene	Ave	3.105	2.676		17.2	20.0	-13.8	20.0
1,2,3-Trimethylbenzene	Ave	2.830	2.495		17.6	20.0	-11.8	20.0
Benzyl chloride	QuaF		0.2827		25.6	20.0	27.8	50.0
Indan	Ave	1.310	1.145		17.5	20.0	-12.6	20.0
1,2-Dichlorobenzene	Ave	1.609	1.387	0.4000	17.2	20.0	-13.8	20.0
p-Diethylbenzene	Ave	1.667	1.469		17.6	20.0	-11.9	20.0
n-Butylbenzene	Ave	1.761	1.438		16.3	20.0	-18.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1587	0.1731	0.0500	21.8	20.0	9.1	50.0
1,2,4,5-Tetramethylbenzene	Ave	2.885	2.624		18.2	20.0	-9.1	20.0
1,3,5-Trichlorobenzene	Ave	1.443	1.219		16.9	20.0	-15.6	20.0
1,2,4-Trichlorobenzene	Ave	1.315	1.144	0.2000	17.4	20.0	-13.0	20.0
Hexachlorobutadiene	Ave	0.7417	0.5464		14.7	20.0	-26.3*	20.0
Naphthalene	Ave	2.608	2.824		21.7	20.0	8.3	50.0
1,2,3-Trichlorobenzene	Ave	1.261	1.122		17.8	20.0	-11.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2844	0.3186		56.0	50.0	12.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: CCVIS 460-775506/2 Calibration Date: 05/03/2021 18:44

Instrument ID: CVOAMS2 Calib Start Date: 03/11/2021 09:56

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/11/2021 12:03

Lab File ID: B71676.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.2933	0.2903		49.5	50.0	-1.0	20.0
Toluene-d8 (Surr)	Ave	1.328	1.435		54.0	50.0	8.0	20.0
4-Bromofluorobenzene	Ave	0.7776	0.7669		49.3	50.0	-1.4	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 03-May-2021 18:44:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0127997-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub8

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2021 10:55:58 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: parekhv Date: 03-May-2021 19:12:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.660	0.660	0.000	71	106468	20.0	16.4	
4 Chlorodifluoromethane	67	0.666	0.666	0.000	75	13568	20.0	16.4	
5 Chloromethane	50	0.746	0.746	0.000	97	105391	20.0	17.1	M
6 Butadiene	54	0.764	0.764	0.000	90	74624	20.0	18.3	
7 Vinyl chloride	62	0.788	0.788	0.000	98	87352	20.0	19.6	
8 Bromomethane	94	0.904	0.904	0.000	98	67712	20.0	19.9	
9 Chloroethane	64	0.929	0.929	0.000	99	43115	20.0	17.2	
10 Dichlorofluoromethane	67	1.026	1.026	0.000	98	116149	20.0	18.0	
12 Pentane	72	1.057	1.057	0.000	97	18152	40.0	34.4	
11 Trichlorofluoromethane	101	1.057	1.057	0.000	65	117555	20.0	19.1	
14 Ethanol	46	1.203	1.203	0.000	66	6280	800.0	748.5	M
13 Ethyl ether	59	1.154	1.154	0.000	96	38389	20.0	17.3	
24 Isopropyl alcohol	45	1.441	1.441	0.000	25	29022	200.0	119.2	Ma
15 2-Methyl-1,3-butadiene	53	1.166	1.166	0.000	89	42993	20.0	14.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.185	1.185	0.000	93	68714	20.0	20.5	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.215	1.215	0.000	73	100497	20.0	19.7	a
18 Acrolein	56	1.221	1.221	0.000	97	100774	300.0	212.2	
19 1,1-Dichloroethene	96	1.270	1.270	0.000	94	58892	20.0	18.4	
20 112TCTFE	101	1.306	1.306	0.000	76	63083	20.0	17.1	a
21 Acetone	43	1.313	1.313	0.000	93	73208	100.0	88.4	
22 Iodomethane	142	1.343	1.343	0.000	97	122911	20.0	18.5	
23 Carbon disulfide	76	1.374	1.374	0.000	98	204803	20.0	17.9	
25 3-Chloro-1-propene	39	1.459	1.459	0.000	94	66332	20.0	16.6	
26 Methyl acetate	43	1.489	1.489	0.000	98	71368	40.0	35.0	
27 Acetonitrile	39	1.502	1.502	0.000	69	29219	200.0	91.3	a
28 Methylene Chloride	84	1.532	1.532	0.000	85	65238	20.0	18.8	
* 29 TBA-d9 (IS)	65	1.599	1.599	0.000	0	365066	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.648	1.648	0.000	35	69640	200.0	154.3	a
31 Acrylonitrile	53	1.678	1.678	0.000	98	188095	200.0	118.4	
32 trans-1,2-Dichloroethene	96	1.691	1.691	0.000	92	65071	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	1.709	1.709	0.000	95	156175	20.0	17.0	
34 Hexane	57	1.873	1.873	0.000	90	83325	20.0	16.6	
35 1,1-Dichloroethane	63	1.953	1.953	0.000	98	101803	20.0	16.5	
37 2-Chloro-1,3-butadiene	88	2.014	2.014	0.000	64	57886	20.0	19.0	
36 Vinyl acetate	86	2.020	2.020	0.000	100	22655	40.0	44.9	
38 Isopropyl ether	45	2.044	2.044	0.000	84	159082	20.0	15.1	
39 Tert-butyl ethyl ether	87	2.306	2.306	0.000	91	69897	20.0	18.5	
* 40 2-Butanone-d5	46	2.373	2.373	0.000	0	268682	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.386	2.386	0.000	97	71656	20.0	19.4	
42 2,2-Dichloropropane	79	2.379	2.379	0.000	66	29790	20.0	17.7	
43 2-Butanone (MEK)	72	2.422	2.422	0.000	98	34838	100.0	92.5	
44 Propionitrile	54	2.465	2.465	0.000	95	71721	200.0	200.8	
45 Ethyl acetate	70	2.495	2.495	0.000	99	12190	40.0	47.9	
62 Methyl acrylate	55	2.507	2.507	0.000	99	58922	20.0	19.3	a
46 Chlorobromomethane	128	2.568	2.568	0.000	81	37406	20.0	19.5	
47 Methacrylonitrile	67	2.575	2.575	0.000	90	221380	200.0	203.2	
48 Tetrahydrofuran	72	2.617	2.617	0.000	70	15575	40.0	37.5	
49 Chloroform	83	2.654	2.654	0.000	100	104905	20.0	17.4	
$ 50 Dibromofluoromethane (Surr)	113	2.794	2.794	0.000	97	170636	50.0	56.0	
51 1,1,1-Trichloroethane	97	2.800	2.800	0.000	64	96216	20.0	17.3	M
52 Cyclohexane	84	2.837	2.837	0.000	89	96178	20.0	17.8	
54 1,1-Dichloropropene	75	2.940	2.940	0.000	97	80739	20.0	17.4	
53 Carbon tetrachloride	117	2.940	2.940	0.000	85	83412	20.0	16.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.081	3.081	0.000	0	155513	50.0	49.5	
56 Benzene	78	3.129	3.129	0.000	94	234226	20.0	18.0	
57 1,2-Dichloroethane	62	3.154	3.154	0.000	97	68687	20.0	16.3	
58 Isobutyl alcohol	42	3.221	3.221	0.000	70	35559	500.0	384.2	Ma
59 Tert-amyl methyl ether	73	3.294	3.294	0.000	97	192942	20.0	19.1	
73 Isopropyl acetate	43	3.306	3.306	0.000	97	241644	20.0	18.9	
* 60 Fluorobenzene	96	3.428	3.428	0.000	99	535638	50.0	50.0	
61 n-Heptane	43	3.477	3.477	0.000	89	86013	20.0	14.1	
63 Trichloroethene	95	3.824	3.824	0.000	95	62170	20.0	17.9	
64 n-Butanol	43	3.964	3.964	0.000	88	8780	500.0	308.2	a
65 Methylcyclohexane	83	4.032	4.032	0.000	95	111901	20.0	17.7	
66 Ethyl acrylate	55	4.044	4.044	0.000	96	136331	20.0	16.6	
67 1,2-Dichloropropane	63	4.068	4.068	0.000	93	54383	20.0	16.2	
68 Dibromomethane	93	4.208	4.208	0.000	54	34598	20.0	17.6	
* 69 1,4-Dioxane-d8	96	4.257	4.257	0.000	0	31437	1000.0	1000.0	
70 1,4-Dioxane	88	4.300	4.300	0.000	29	14452	400.0	395.0	M
71 Methyl methacrylate	100	4.330	4.330	0.000	95	29966	40.0	43.7	
72 Dichlorobromomethane	83	4.446	4.446	0.000	98	73628	20.0	17.1	
81 n-Propyl acetate	43	4.458	4.458	0.000	84	61589	20.0	16.3	
74 2-Nitropropane	41	4.769	4.769	0.000	98	19232	40.0	30.8	
75 2-Chloroethyl vinyl ether	63	4.946	4.946	0.000	29	7218	20.0	29.1	a
76 Epichlorohydrin	57	4.970	4.970	0.000	98	85682	400.0	537.1	
77 cis-1,3-Dichloropropene	75	5.068	5.068	0.000	90	84246	20.0	17.8	
78 4-Methyl-2-pentanone (MIBK)	43	5.361	5.361	0.000	94	229580	100.0	74.1	a
$ 79 Toluene-d8 (Surr)	98	5.428	5.428	0.000	99	602964	50.0	54.0	
80 Toluene	91	5.519	5.519	0.000	94	252965	20.0	18.1	
82 trans-1,3-Dichloropropene	75	5.946	5.946	0.000	95	72158	20.0	17.4	
83 1,1,2-Trichloroethane	83	6.208	6.208	0.000	93	39216	20.0	17.7	
84 Ethyl methacrylate	69	6.220	6.220	0.000	94	59580	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	6.354	6.354	0.000	97	68323	20.0	17.1	
86 1,3-Dichloropropane	76	6.446	6.446	0.000	92	74093	20.0	16.6	
87 2-Hexanone	43	6.738	6.738	0.000	94	154642	100.0	76.3	
88 Chlorodibromomethane	129	6.812	6.812	0.000	98	53848	20.0	17.3	
89 Ethylene Dibromide	107	6.915	6.915	0.000	98	48273	20.0	18.0	
90 n-Butyl acetate	73	7.080	7.080	0.000	97	14219	20.0	21.3	
* 91 Chlorobenzene-d5	117	7.811	7.811	0.000	84	420281	50.0	50.0	
92 Chlorobenzene	112	7.860	7.860	0.000	98	162199	20.0	18.0	
93 1,1,1,2-Tetrachloroethane	131	8.073	8.073	0.000	96	57559	20.0	16.8	
94 Ethylbenzene	106	8.159	8.159	0.000	97	89177	20.0	18.0	
95 m-Xylene & p-Xylene	106	8.409	8.409	0.000	99	107032	20.0	18.1	
96 o-Xylene	106	9.134	9.134	0.000	95	106983	20.0	18.1	
97 Styrene	104	9.183	9.183	0.000	97	175058	20.0	17.9	
98 n-Butyl acrylate	73	9.372	9.372	0.000	97	42321	20.0	22.4	
99 Bromoform	173	9.427	9.427	0.000	98	36442	20.0	16.1	
101 Amyl acetate (mixed isomers)	43	9.847	9.847	0.000	92	76643	20.0	16.7	
102 Isopropylbenzene	105	9.878	9.878	0.000	95	283570	20.0	17.7	
$ 103 4-Bromofluorobenzene	174	10.085	10.085	0.000	95	195050	50.0	49.3	
104 Bromobenzene	156	10.256	10.256	0.000	94	74131	20.0	17.6	
105 1,2,3-Trichloropropane	110	10.482	10.482	0.000	96	20049	20.0	18.2	
106 1,1,2,2-Tetrachloroethane	83	10.500	10.500	0.000	98	70958	20.0	19.0	
107 trans-1,4-Dichloro-2-butene	53	10.603	10.603	0.000	92	16456	20.0	18.4	
108 N-Propylbenzene	120	10.622	10.622	0.000	100	80514	20.0	17.5	
109 2-Chlorotoluene	126	10.664	10.664	0.000	95	70668	20.0	17.4	
110 4-Ethyltoluene	105	10.847	10.847	0.000	97	270970	20.0	17.2	
111 4-Chlorotoluene	91	10.878	10.878	0.000	97	226259	20.0	16.6	
112 1,3,5-Trimethylbenzene	105	10.981	10.981	0.000	94	231232	20.0	16.8	
100 Butyl Methacrylate	87	11.353	11.353	0.000	93	70340	20.0	17.2	
113 tert-Butylbenzene	119	11.506	11.506	0.000	96	197689	20.0	17.8	
114 1,2,4-Trimethylbenzene	105	11.591	11.591	0.000	97	239965	20.0	17.1	
115 sec-Butylbenzene	105	11.908	11.908	0.000	99	314354	20.0	17.4	
116 1,3-Dichlorobenzene	146	11.975	11.975	0.000	98	138813	20.0	16.5	
* 117 1,4-Dichlorobenzene-d4	152	12.128	12.128	0.000	93	254344	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.170	12.170	0.000	97	146063	20.0	17.1	
119 4-Isopropyltoluene	119	12.249	12.249	0.000	98	272234	20.0	17.2	
120 1,2,3-Trimethylbenzene	105	12.353	12.353	0.000	97	253801	20.0	17.6	
121 Benzyl chloride	126	12.512	12.512	0.000	99	28762	20.0	25.6	
122 2,3-Dihydroindene	117	12.676	12.676	0.000	94	245355	20.0	17.5	
123 1,2-Dichlorobenzene	146	12.835	12.835	0.000	97	141131	20.0	17.2	
124 p-Diethylbenzene	119	12.944	12.944	0.000	95	149428	20.0	17.6	
125 n-Butylbenzene	92	12.969	12.969	0.000	97	146315	20.0	16.3	
126 1,2-Dibromo-3-Chloropropane	157	13.688	13.688	0.000	94	17613	20.0	21.8	
127 1,2,4,5-Tetramethylbenzene	119	13.719	13.719	0.000	98	266922	20.0	18.2	
128 1,3,5-Trichlorobenzene	180	13.859	13.859	0.000	98	123974	20.0	16.9	
129 1,2,4-Trichlorobenzene	180	14.304	14.304	0.000	93	116362	20.0	17.4	
130 Hexachlorobutadiene	225	14.444	14.444	0.000	96	55588	20.0	14.7	Ma
131 Naphthalene	128	14.450	14.450	0.000	99	287299	20.0	21.7	
132 1,2,3-Trichlorobenzene	180	14.609	14.609	0.000	96	114152	20.0	17.8	
S 133 1,2-Dichloroethene, Total	100				0		40.0	37.7	
S 134 1,3-Dichloropropene, Total	100				0		40.0	35.2	
S 135 Xylenes, Total	100				0		40.0	36.2	
S 136 Total BTEX	1				0		100.0	90.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00418	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00136	Amount Added:	2.00	Units: uL	
524freon_00036	Amount Added:	2.00	Units: uL	
ACROLEIN W_00123	Amount Added:	3.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 04-May-2021 10:56:01 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D

Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2 Operator ID:

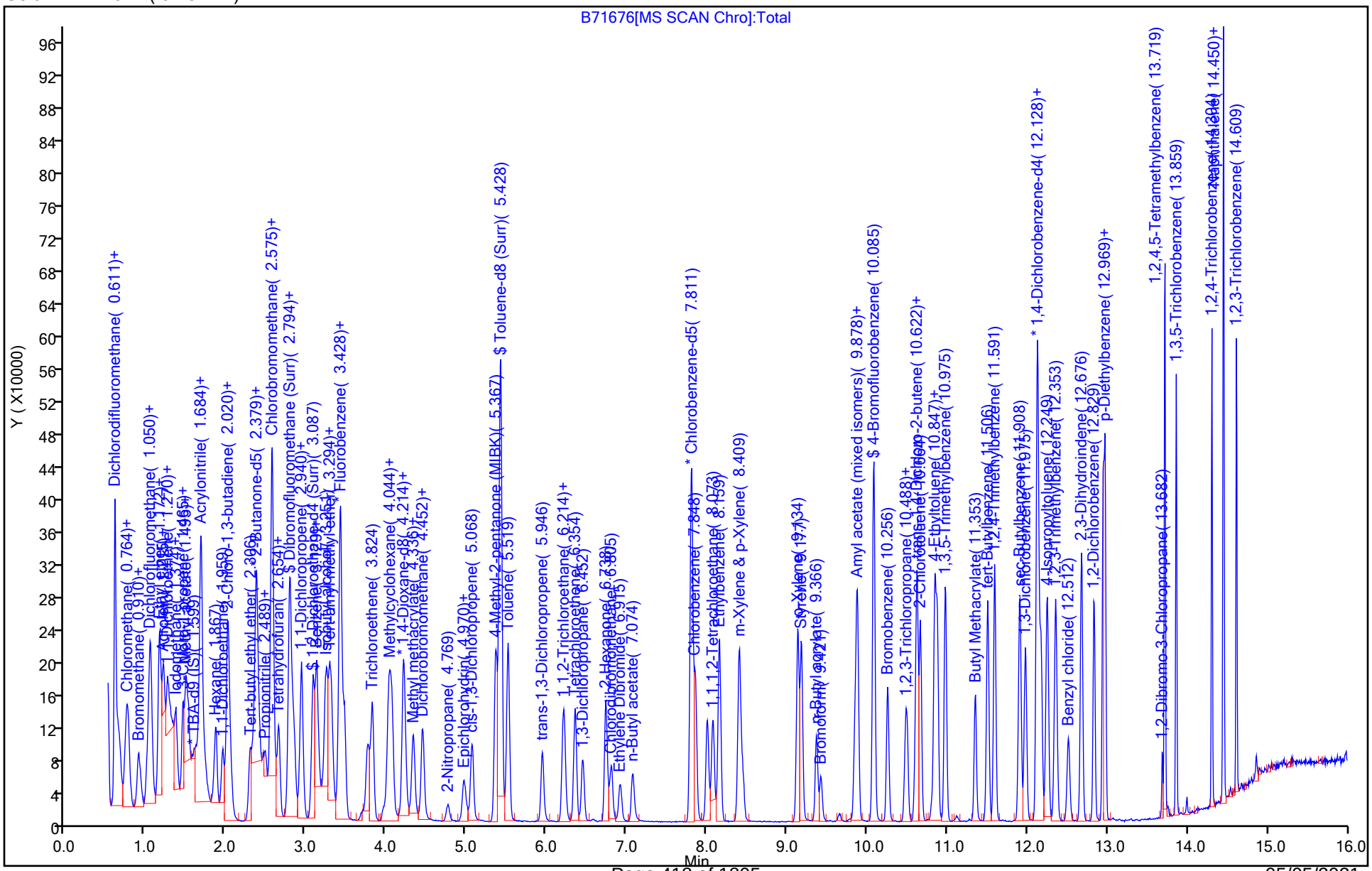
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

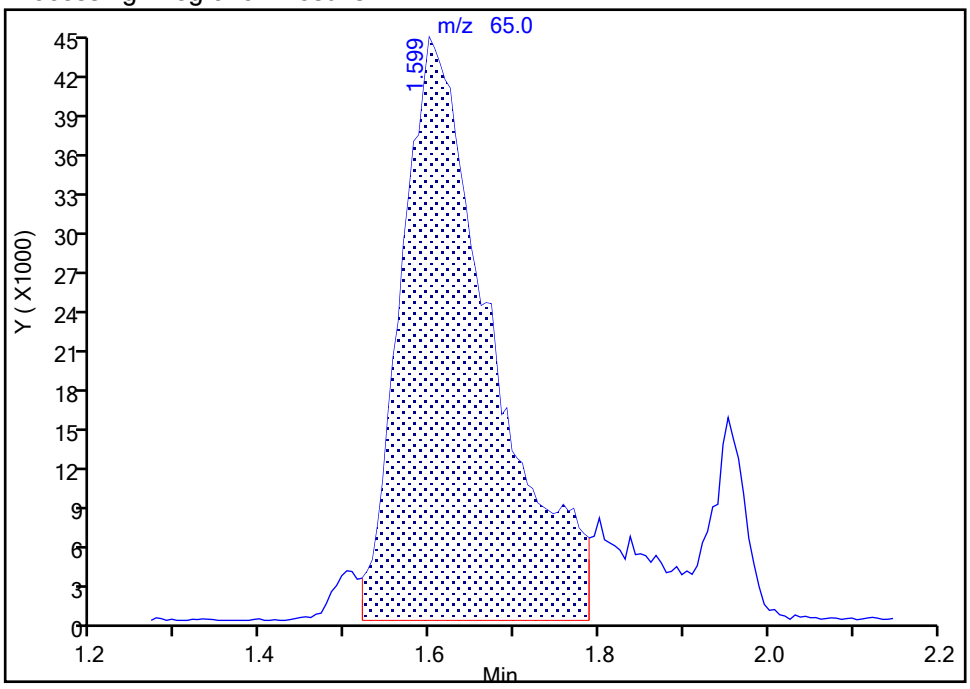
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

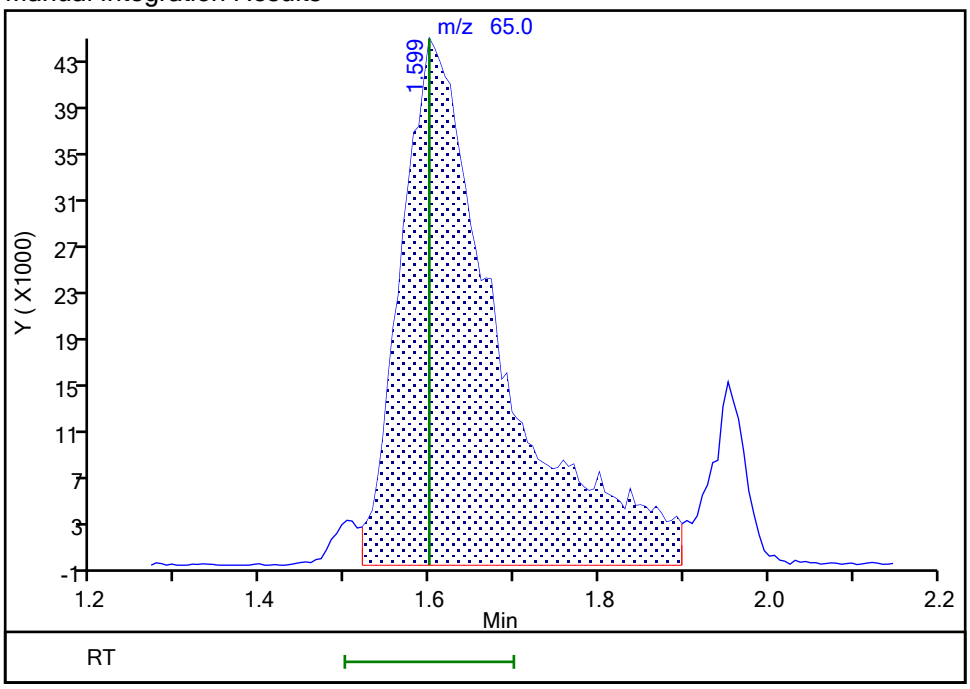
Processing Integration Results

RT: 1.60
Area: 331158
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.60
Area: 365066
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 10:54:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

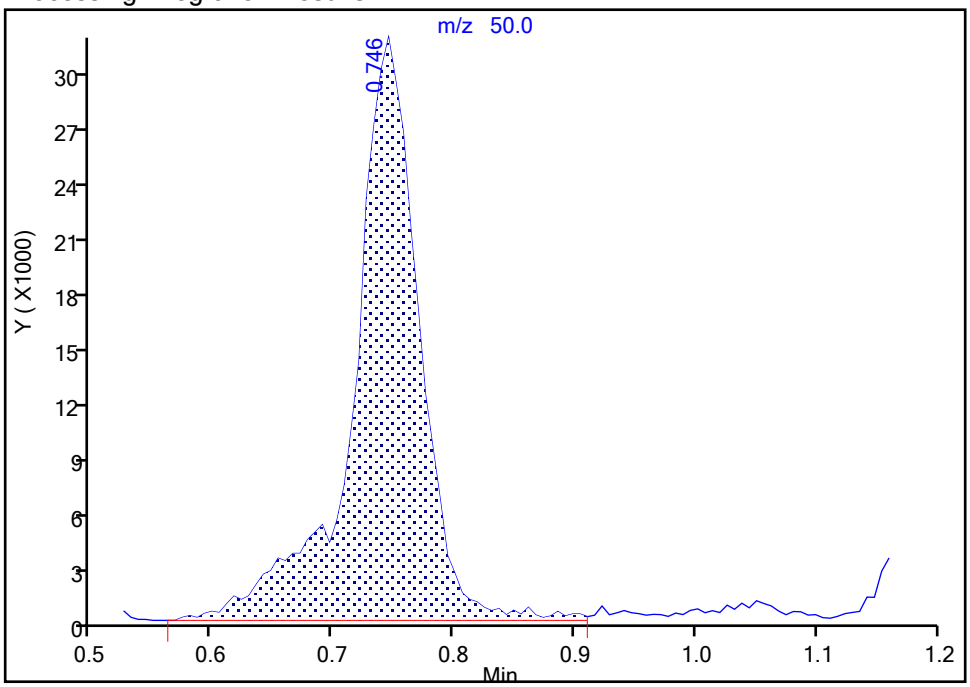
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chloromethane, CAS: 74-87-3

Signal: 1

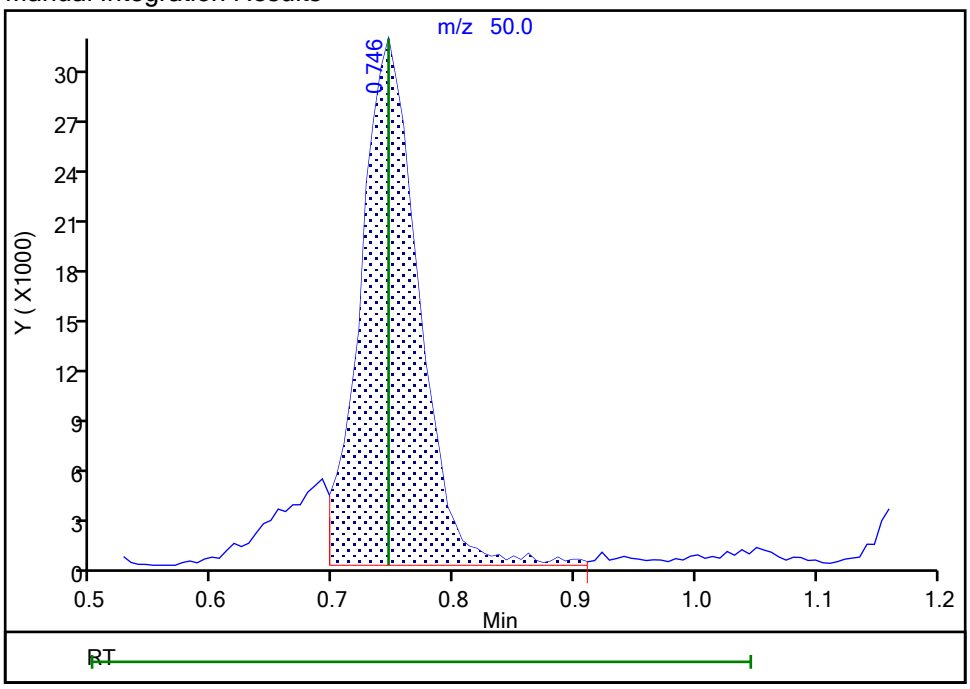
Processing Integration Results

RT: 0.75
Area: 120546
Amount: 19.505673
Amount Units: ug/l



Manual Integration Results

RT: 0.75
Area: 105391
Amount: 17.053427
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 10:54:22
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

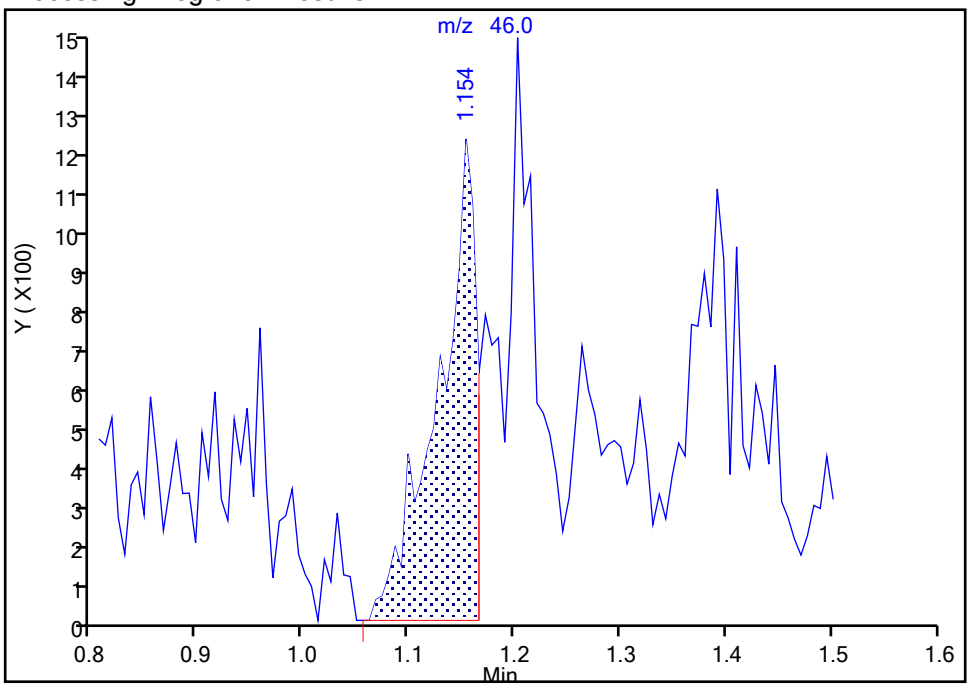
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

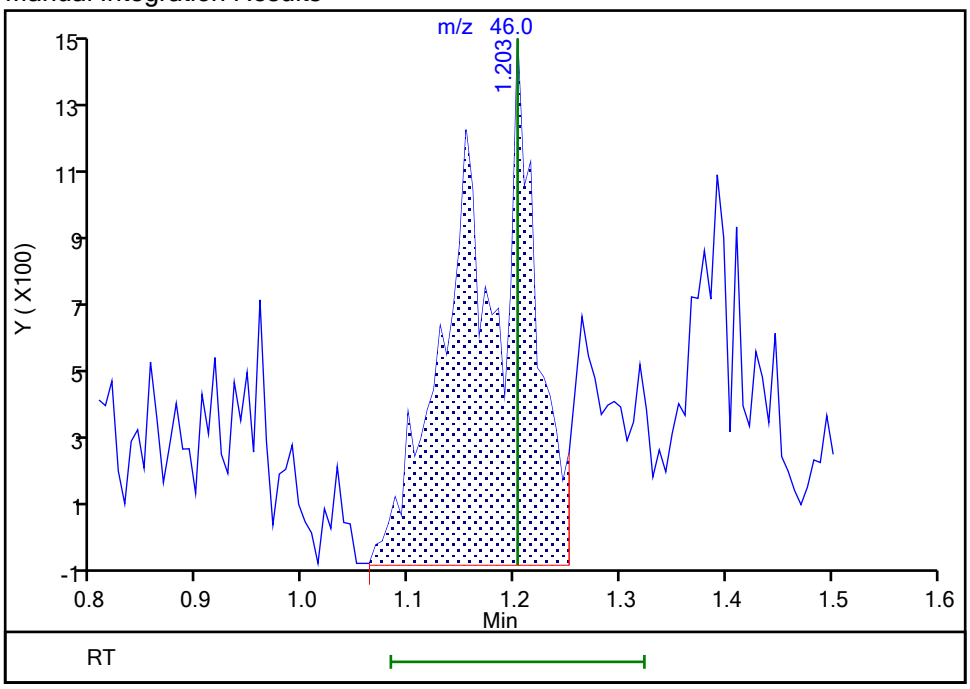
Processing Integration Results

RT: 1.15
Area: 2893
Amount: 345.4457
Amount Units: ug/l



Manual Integration Results

RT: 1.20
Area: 6280
Amount: 748.4525
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 10:54:37
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

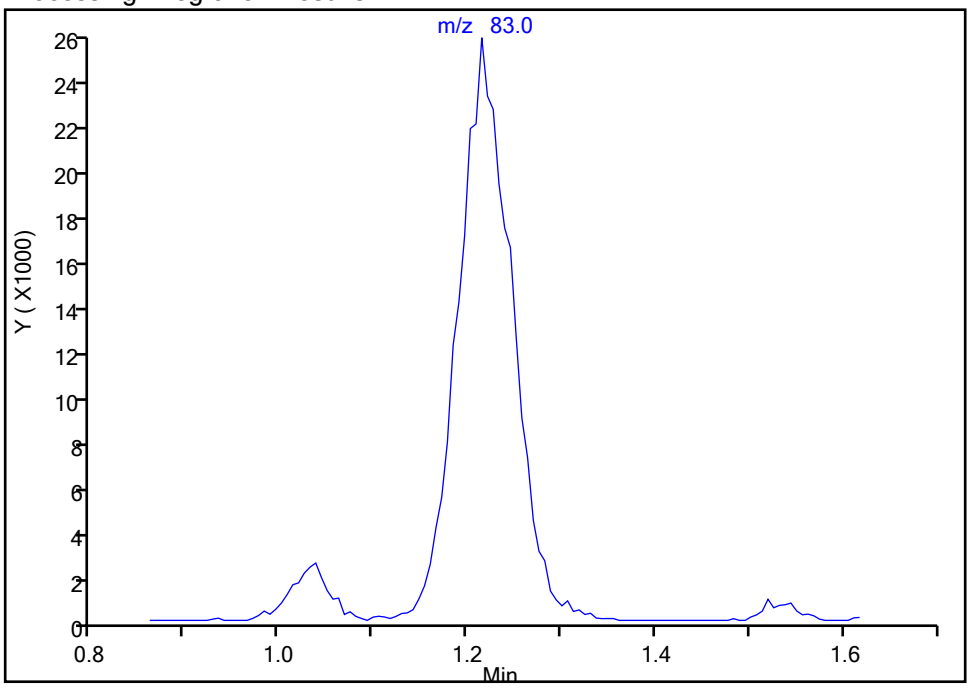
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

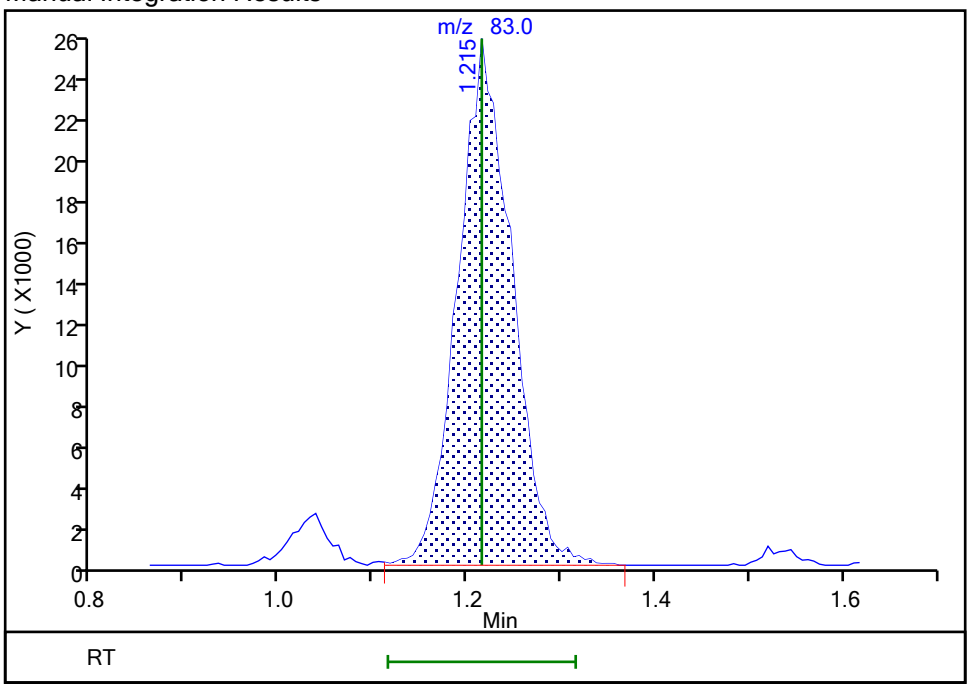
Not Detected
Expected RT: 1.22

Processing Integration Results



Manual Integration Results

RT: 1.22
Area: 100497
Amount: 19.698550
Amount Units: ug/l



Reviewer: parekhv, 03-May-2021 19:09:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

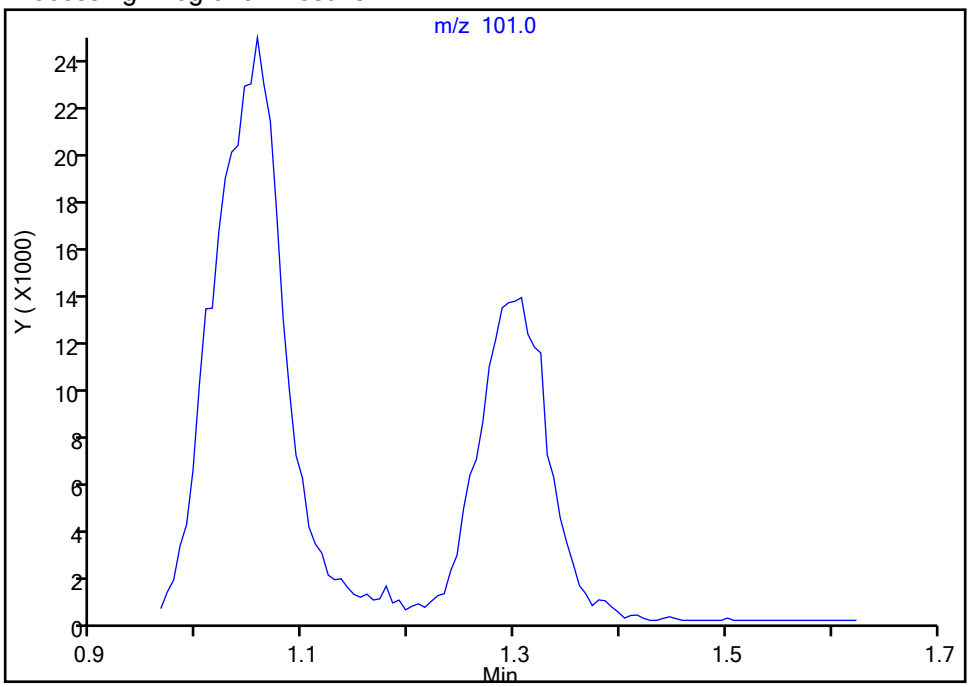
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

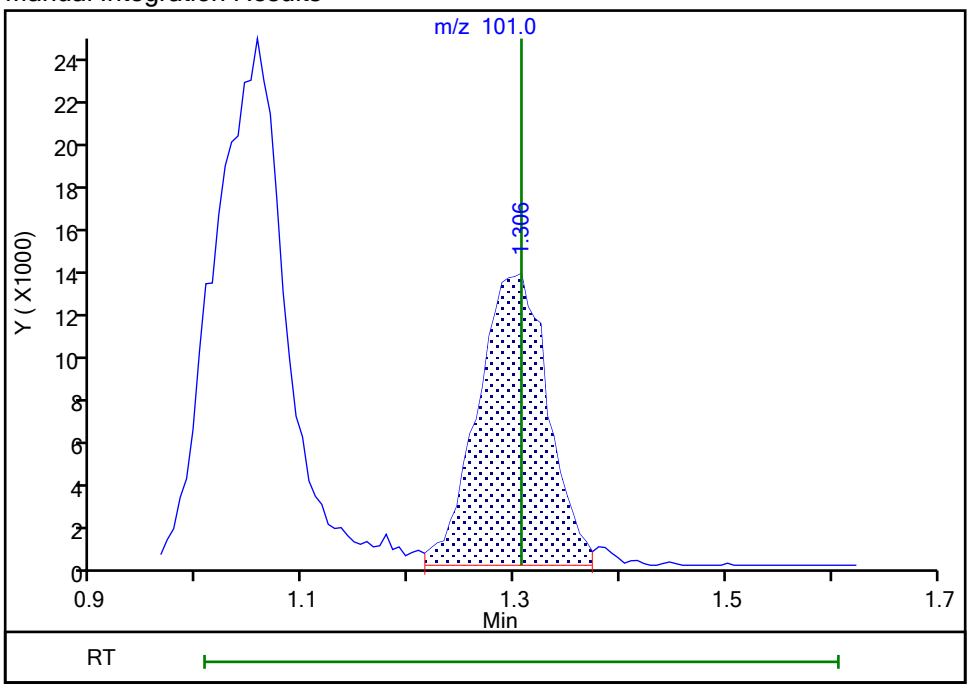
Not Detected
Expected RT: 1.31

Processing Integration Results



Manual Integration Results

RT: 1.31
Area: 63083
Amount: 17.138473
Amount Units: ug/l



Reviewer: parekhv, 03-May-2021 19:10:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

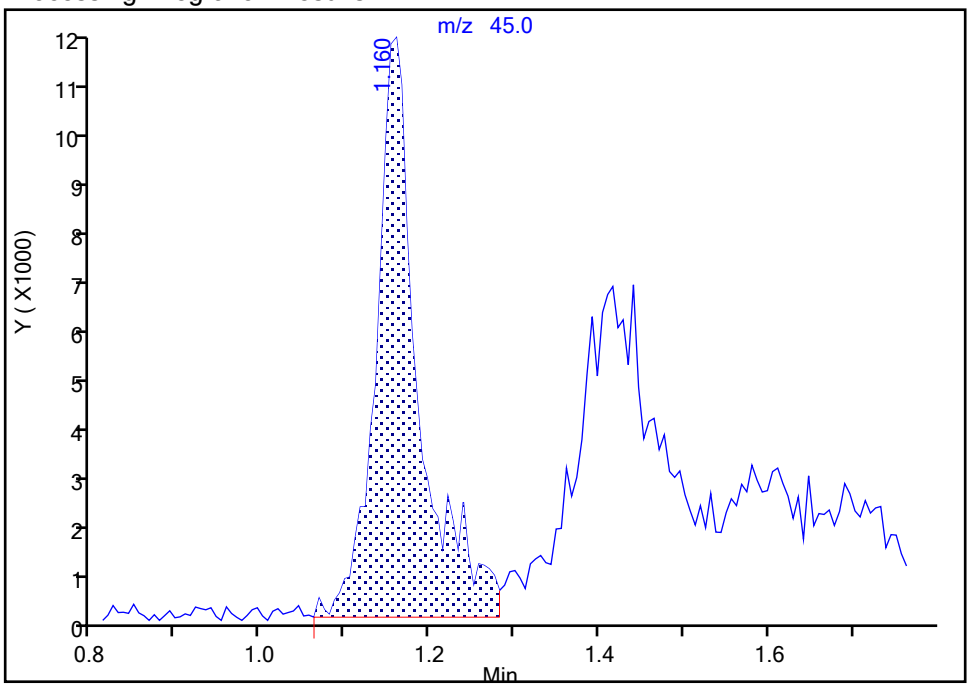
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

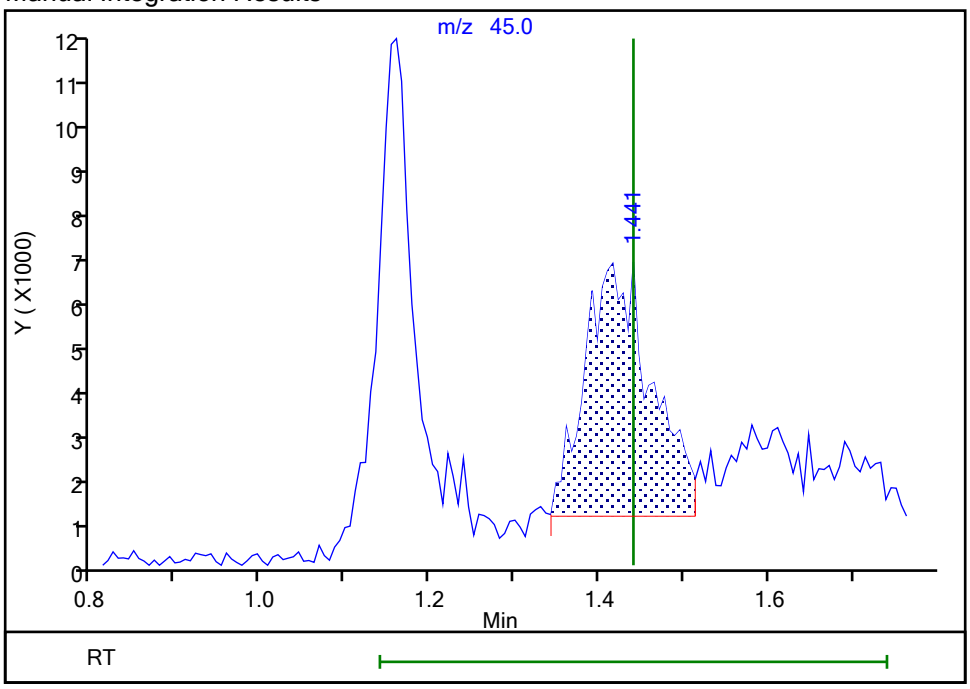
Processing Integration Results

RT: 1.16
Area: 38872
Amount: 159.6734
Amount Units: ug/l



Manual Integration Results

RT: 1.44
Area: 29022
Amount: 119.2128
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 10:54:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

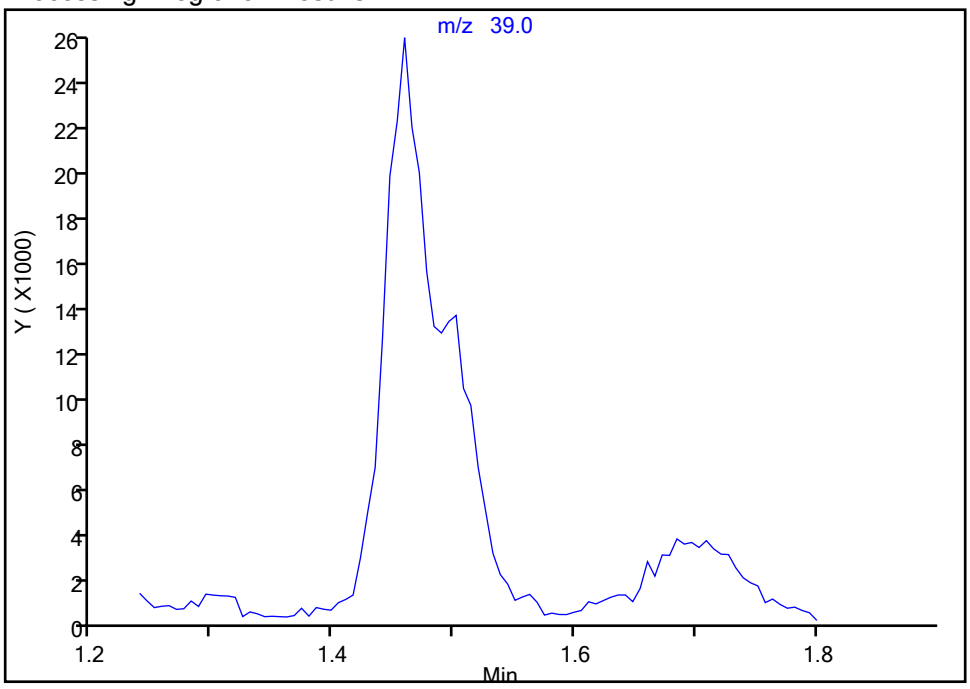
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

27 Acetonitrile, CAS: 75-05-8

Signal: 1

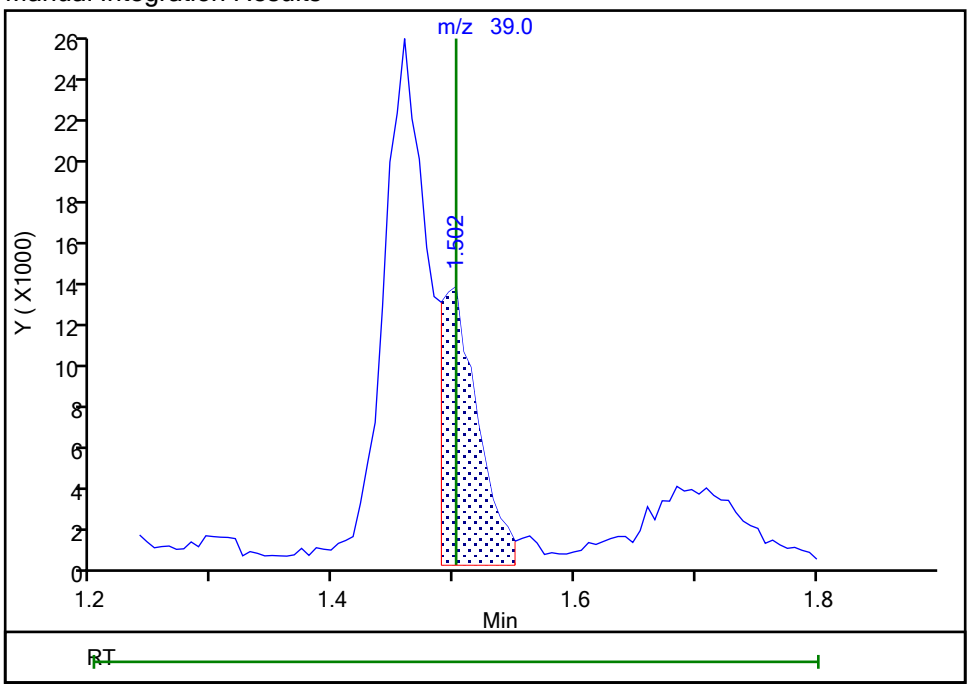
Not Detected
Expected RT: 1.50

Processing Integration Results



Manual Integration Results

RT: 1.50
Area: 29219
Amount: 91.325815
Amount Units: ug/l



Reviewer: parekhv, 03-May-2021 19:10:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

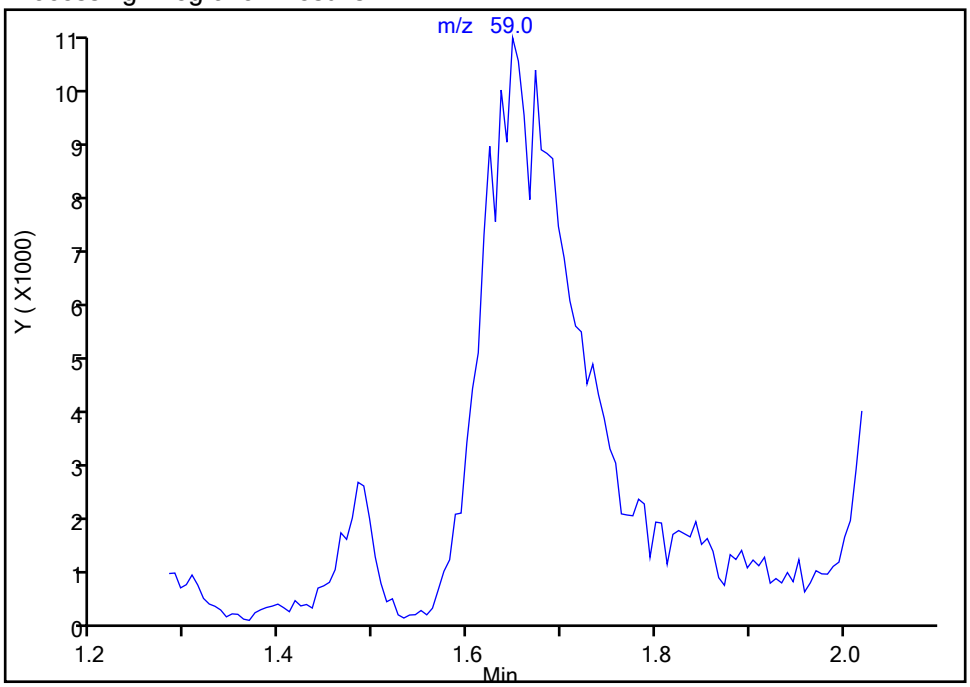
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

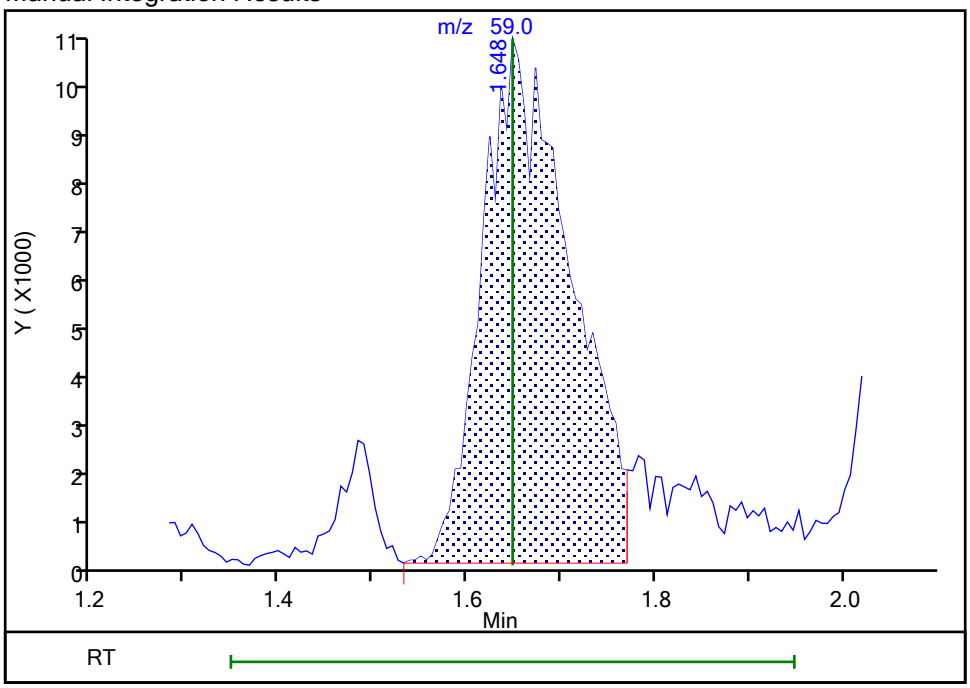
Not Detected
Expected RT: 1.65

Processing Integration Results



Manual Integration Results

RT: 1.65
Area: 69640
Amount: 154.2934
Amount Units: ug/l



Reviewer: parekhv, 03-May-2021 19:10:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

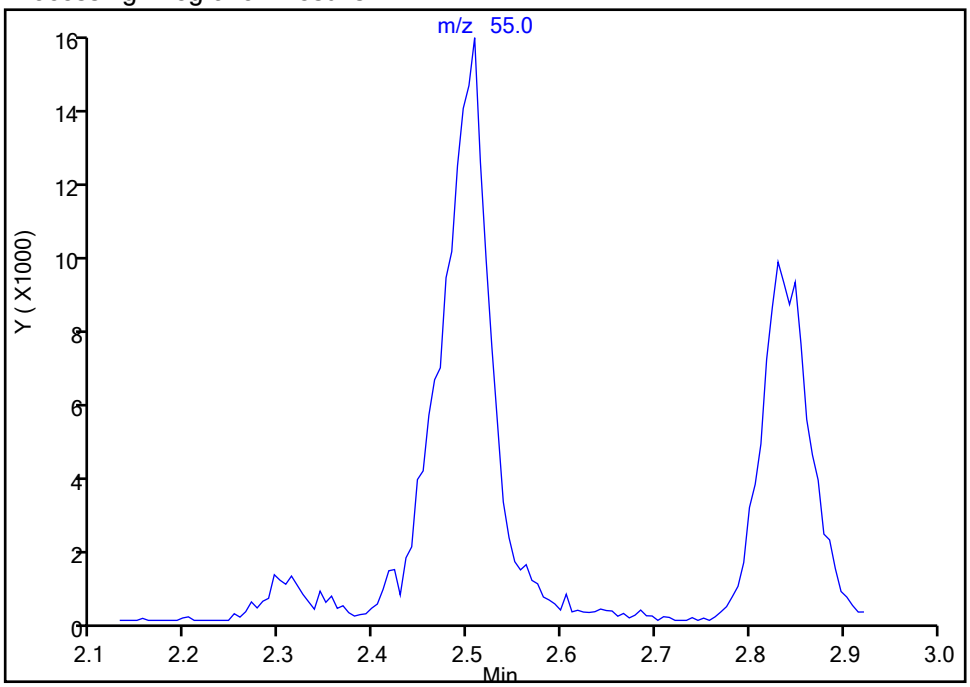
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Methyl acrylate, CAS: 96-33-3

Signal: 1

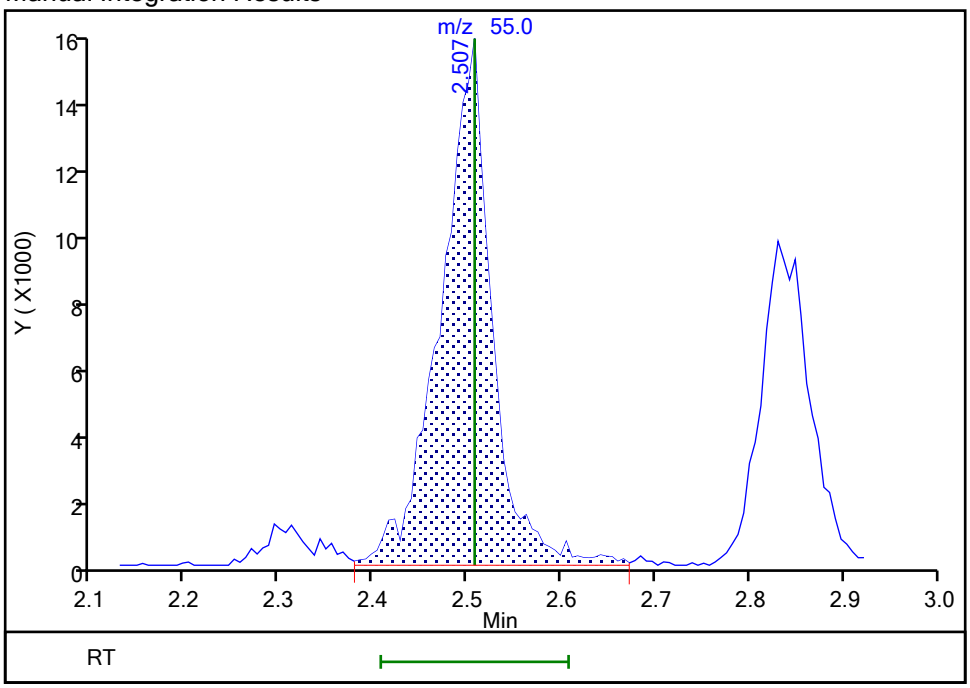
Not Detected
Expected RT: 2.51

Processing Integration Results



Manual Integration Results

RT: 2.51
Area: 58922
Amount: 19.254414
Amount Units: ug/l



Reviewer: parekhv, 03-May-2021 19:10:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

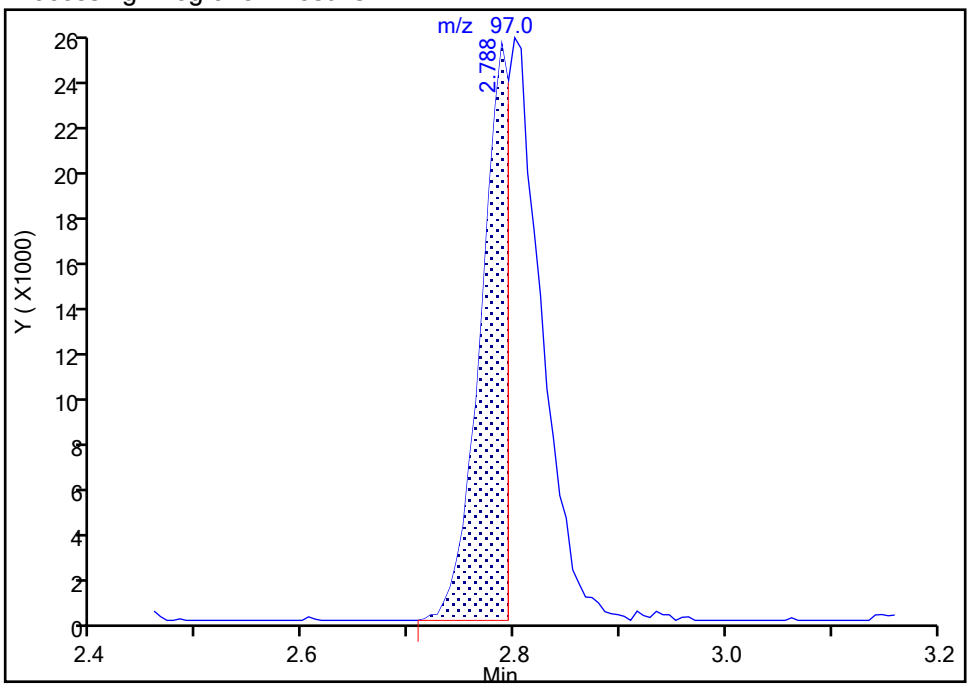
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

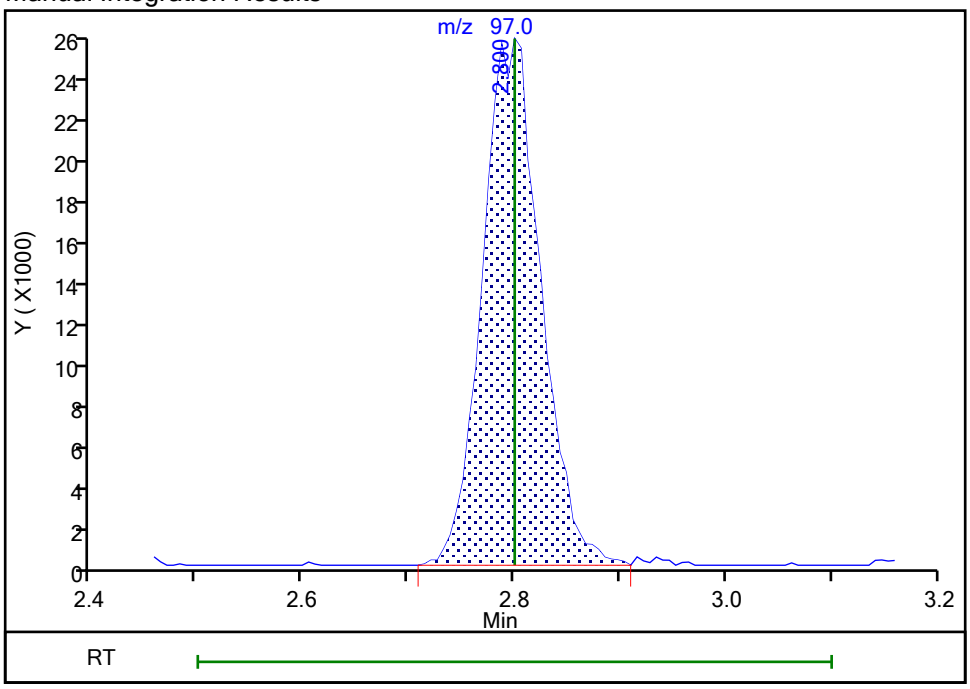
Processing Integration Results

RT: 2.79
Area: 46810
Amount: 8.410232
Amount Units: ug/l



Manual Integration Results

RT: 2.80
Area: 96216
Amount: 17.286880
Amount Units: ug/l



Reviewer: parekhv, 03-May-2021 19:10:43
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

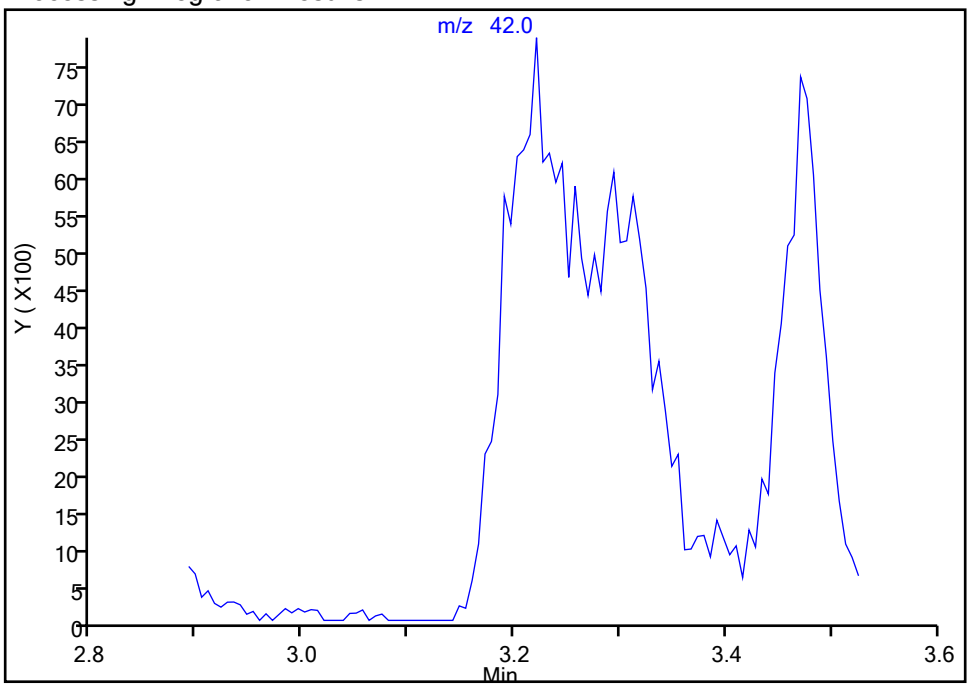
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

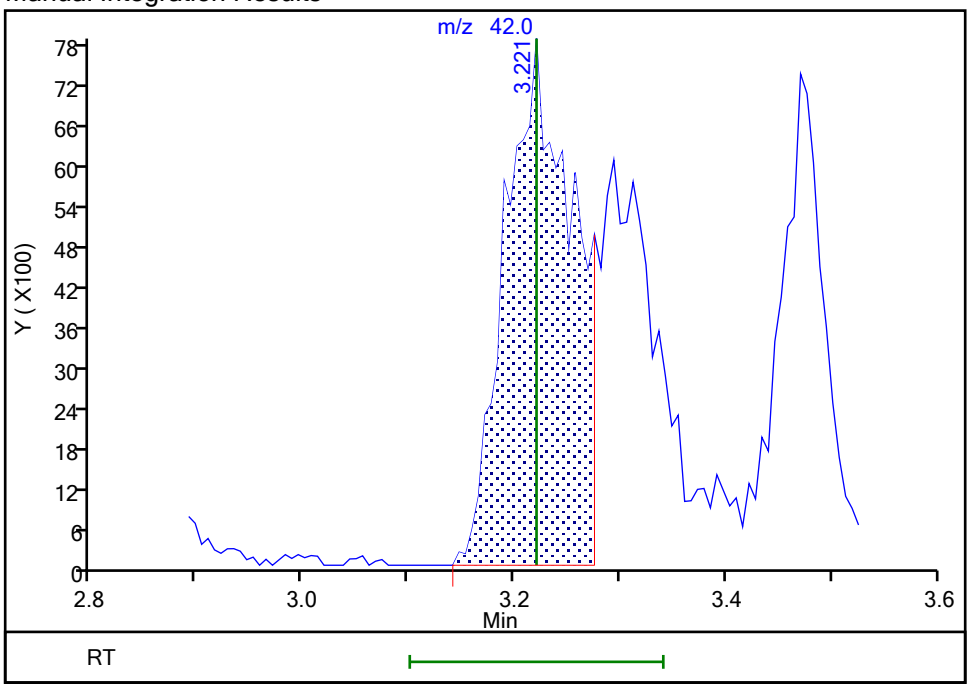
Not Detected
Expected RT: 3.22

Processing Integration Results



Manual Integration Results

RT: 3.22
Area: 35559
Amount: 384.1652
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 10:55:15
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

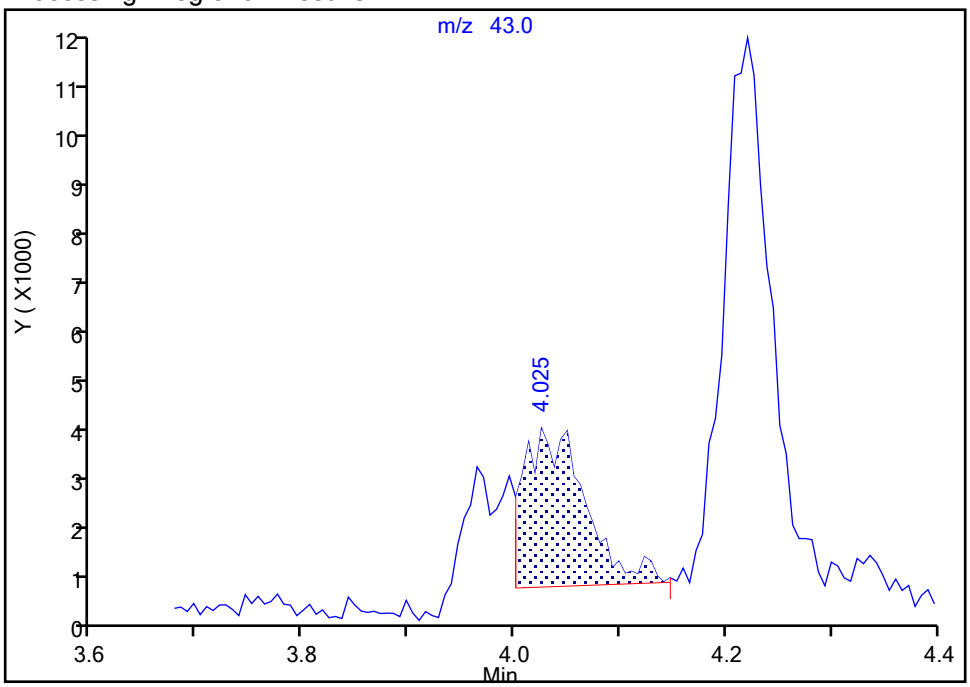
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

64 n-Butanol, CAS: 71-36-3

Signal: 1

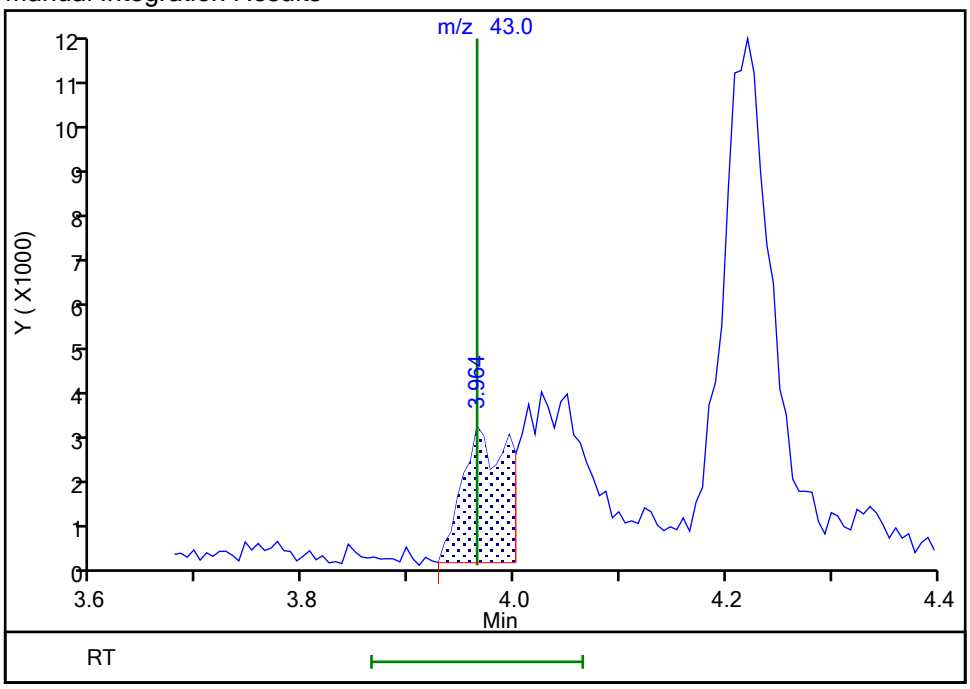
Processing Integration Results

RT: 4.03
Area: 12541
Amount: 436.6675
Amount Units: ug/l



Manual Integration Results

RT: 3.96
Area: 8780
Amount: 308.1985
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 10:55:24
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

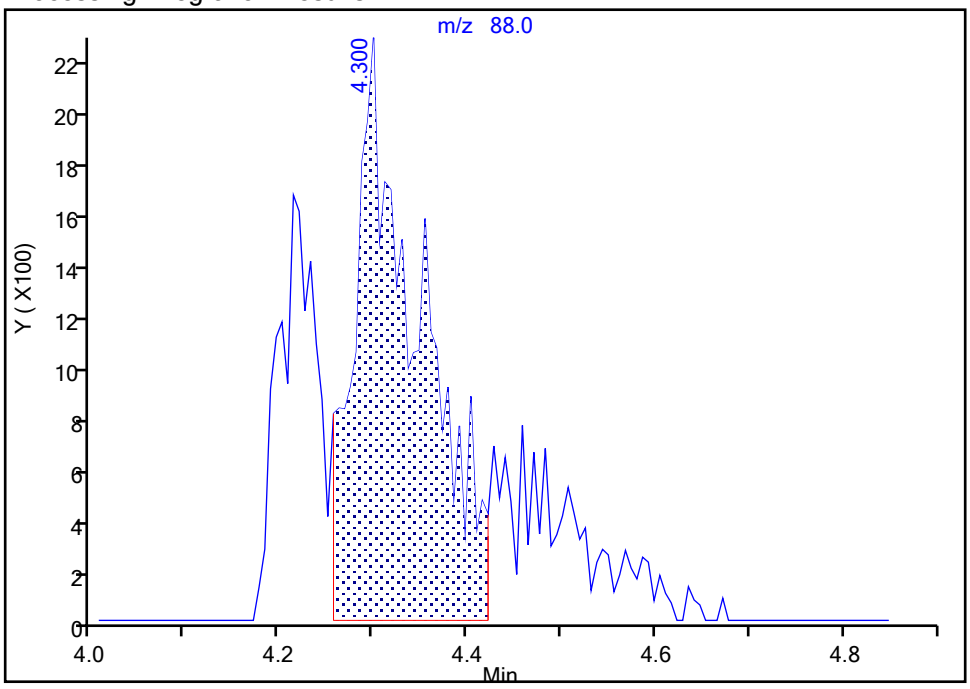
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

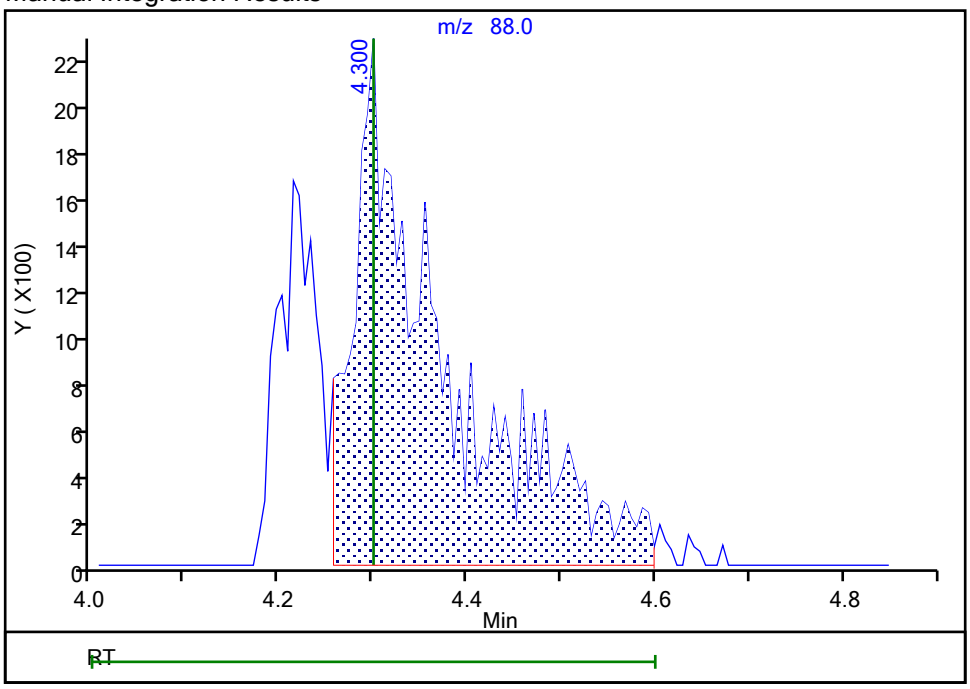
Processing Integration Results

RT: 4.30
Area: 10803
Amount: 295.2296
Amount Units: ug/l



Manual Integration Results

RT: 4.30
Area: 14452
Amount: 394.9512
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 10:55:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

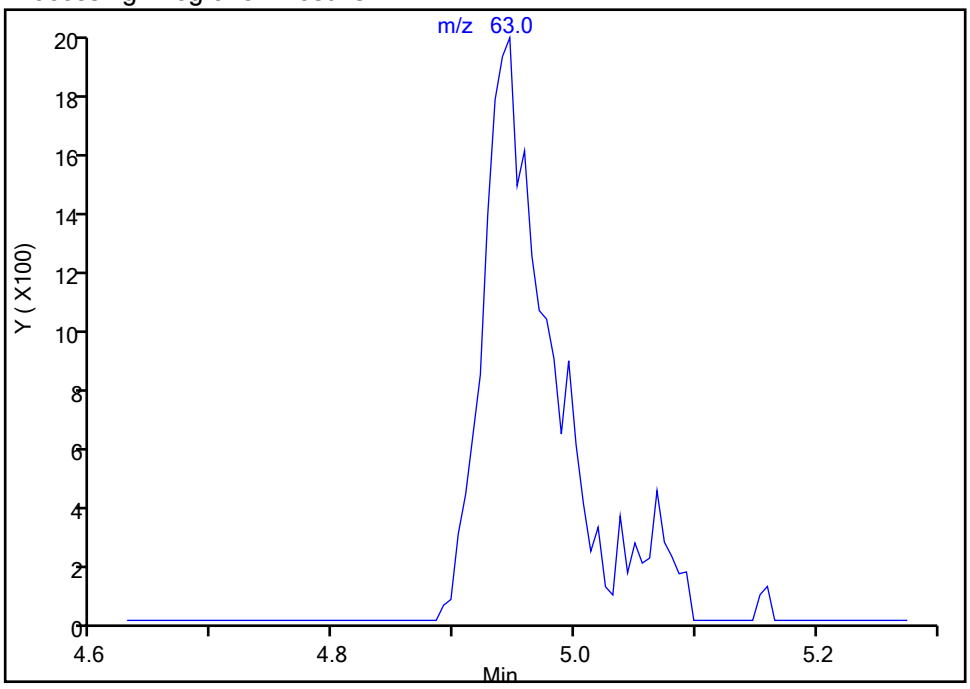
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

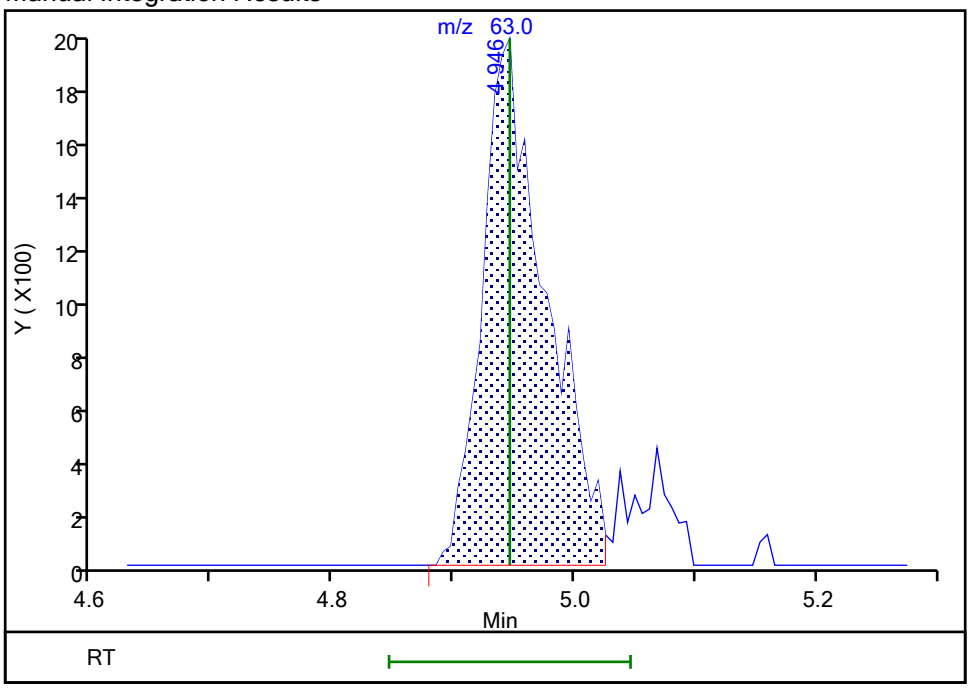
Not Detected
Expected RT: 4.95

Processing Integration Results



Manual Integration Results

RT: 4.95
Area: 7218
Amount: 29.119469
Amount Units: ug/l



Reviewer: parekhv, 03-May-2021 19:10:59
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

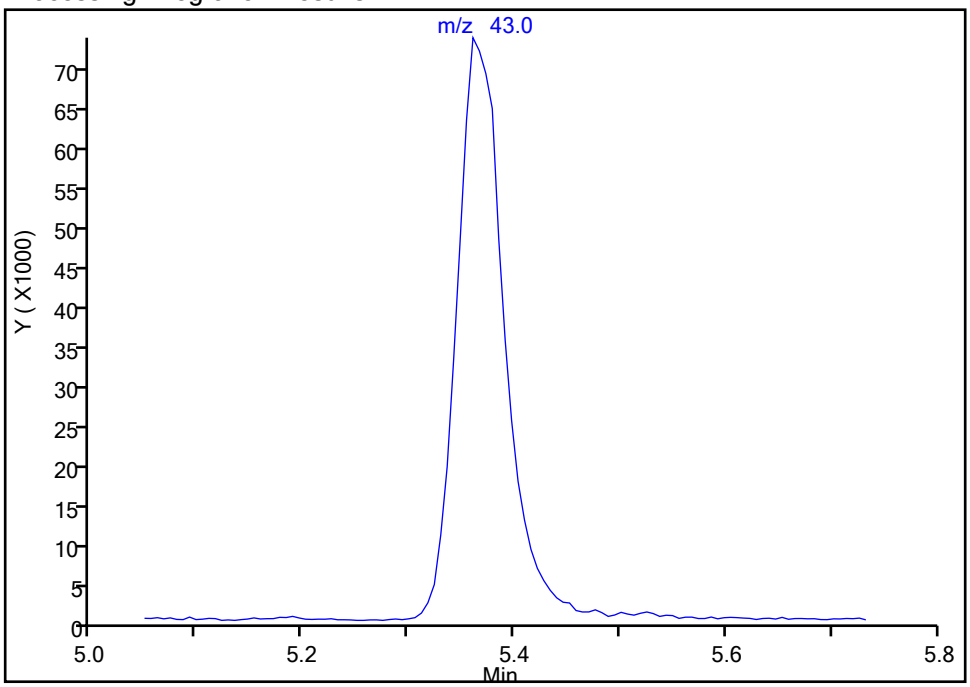
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

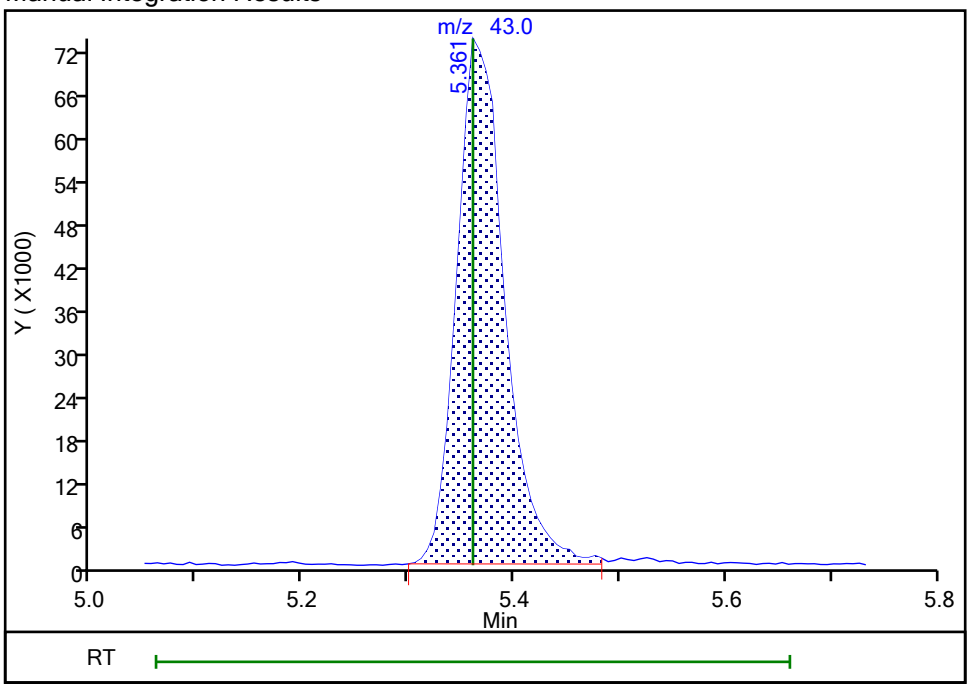
Not Detected
Expected RT: 5.36

Processing Integration Results



Manual Integration Results

RT: 5.36
Area: 229580
Amount: 74.076460
Amount Units: ug/l



Reviewer: parekhv, 03-May-2021 19:11:04
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

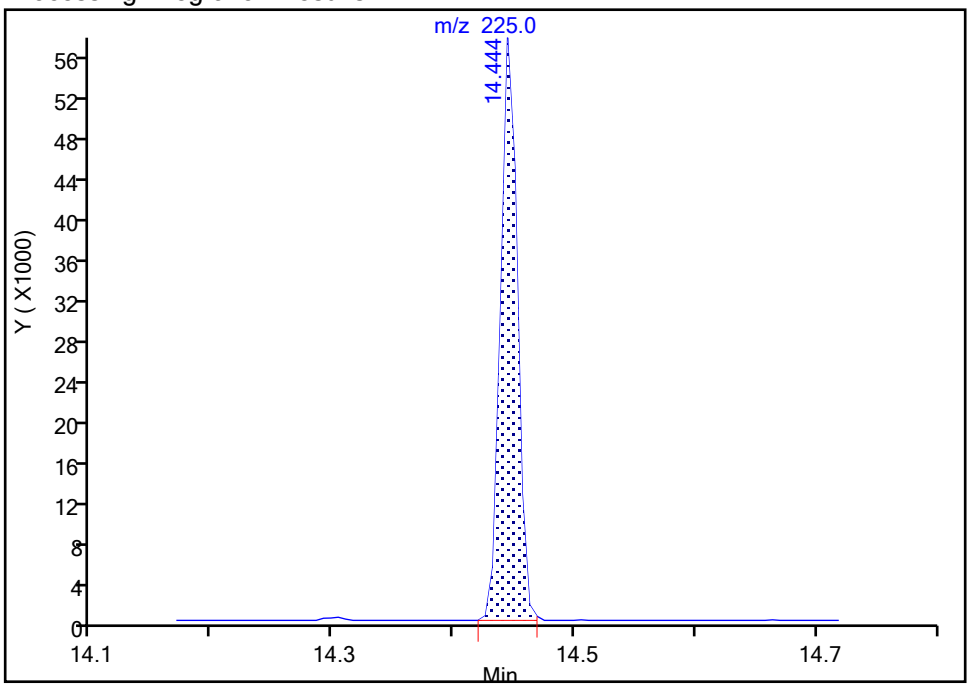
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71676.D
Injection Date: 03-May-2021 18:44:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

130 Hexachlorobutadiene, CAS: 87-68-3

Signal: 1

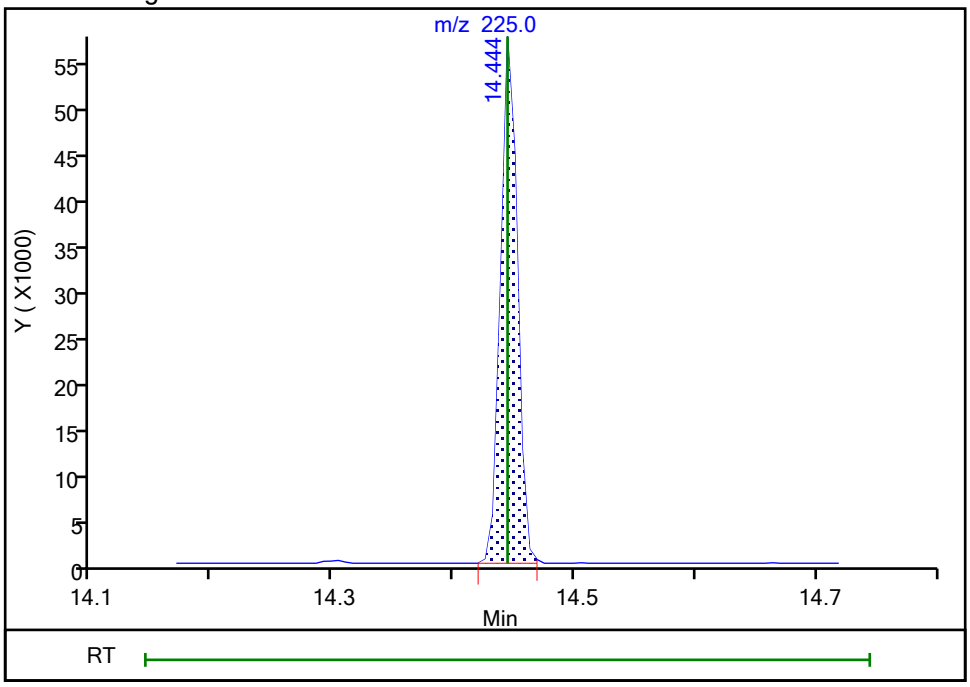
Processing Integration Results

RT: 14.44
Area: 55588
Amount: 14.732351
Amount Units: ug/l



Manual Integration Results

RT: 14.44
Area: 55588
Amount: 14.732351
Amount Units: ug/l



Reviewer: parekhv, 03-May-2021 19:11:22
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69790.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 11-Mar-2021 08:42:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0125263-001
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Mar-2021 13:03:55 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: tupayachia Date: 11-Mar-2021 08:47:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	1.842	1.842	0.000	94	266095	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

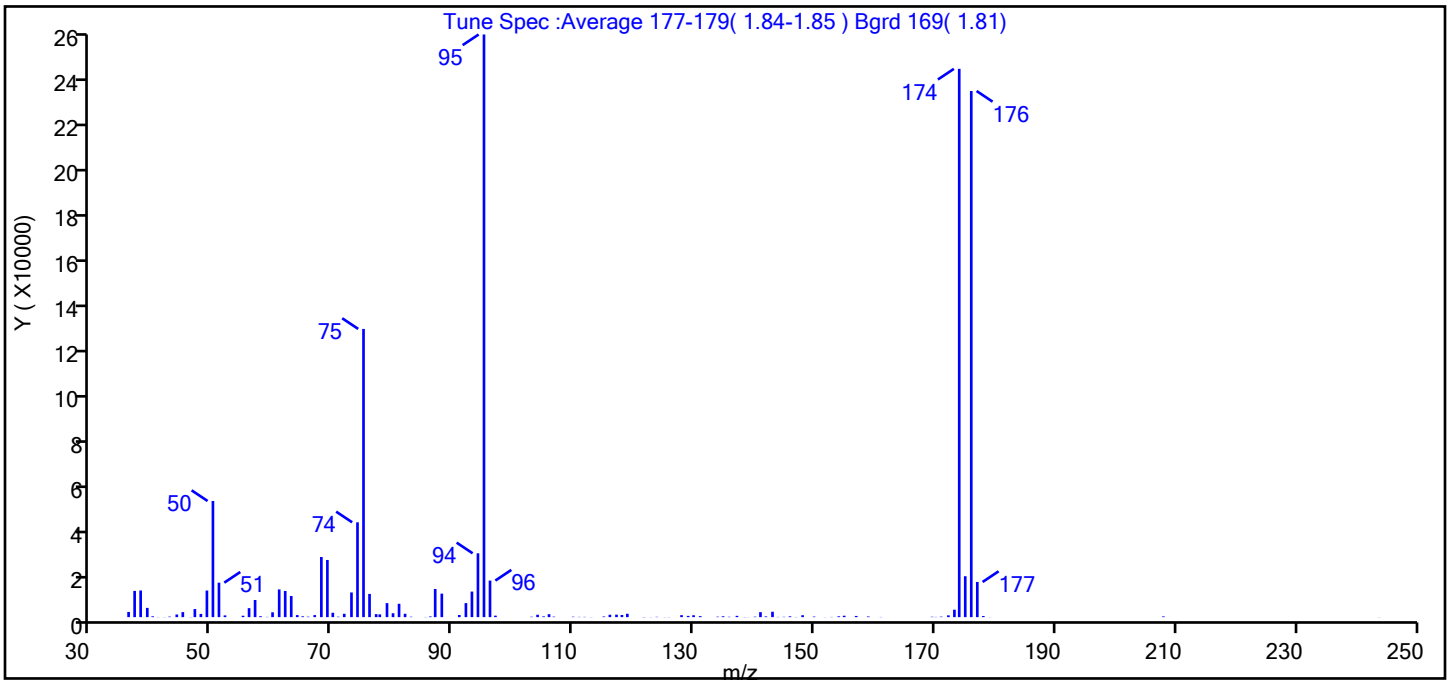
BFB_00027 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69790.D
Injection Date: 11-Mar-2021 08:42:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.9
75	30 to 60% of m/z 95	49.5
96	5 to 9% of m/z 95	6.3
173	Less than 2% of m/z 174	1.3 (1.4)
174	50 to 120% of m/z 95	94.1
175	5 to 9% of m/z 174	7.0 (7.5)
176	Greater than 95% but less than 101% of m/z 174	90.3 (96.0)
177	5 to 9% of m/z 176	6.0 (6.7)

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69790.D\8260S_2.rslt\spectra.d
Injection Date: 11-Mar-2021 08:42:30
Spectrum: Tune Spec :Average 177-179(1.84-1.85) Bgrd 169(1.81)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2241	68.00	25864	106.00	1277	143.00	2324
37.00	11289	69.00	24592	107.00	214	144.00	102
38.00	11458	70.00	1884	110.00	179	145.00	136
39.00	3977	71.00	197	111.00	117	146.00	352
40.00	355	72.00	1445	112.00	115	147.00	74
41.00	71	73.00	10618	113.00	54	148.00	825
42.00	60	74.00	40792	115.00	276	150.00	237
43.00	217	75.00	123976	116.00	1040	152.00	50
44.00	1141	76.00	9991	117.00	1071	153.00	91
45.00	2175	77.00	1284	118.00	930	154.00	355
46.00	70	78.00	1190	119.00	1455	155.00	609
47.00	3473	79.00	6036	122.00	51	157.00	513
48.00	1390	80.00	1688	122.00	55	159.00	289
49.00	11440	81.00	5752	123.00	53	161.00	79
50.00	49960	82.00	1453	124.00	133	170.00	167
51.00	14836	83.00	177	125.00	56	170.00	91
52.00	755	85.00	72	126.00	72	171.00	211
55.00	604	86.00	284	128.00	848	172.00	775
56.00	3865	87.00	12109	129.00	543	173.00	3203
57.00	7382	88.00	10112	130.00	813	174.00	235840
58.00	389	91.00	923	131.00	435	175.00	17608
59.00	108	92.00	6038	134.00	199	176.00	226304
60.00	2087	93.00	10995	135.00	370	177.00	15134
61.00	11926	94.00	27464	136.00	154	178.00	471
62.00	11265	95.00	250624	137.00	560	179.00	50
63.00	9104	96.00	15727	138.00	73	208.00	307
64.00	884	97.00	643	139.00	53	244.00	52
65.00	348	103.00	169	140.00	202		
66.00	199	104.00	1028	141.00	2150		
67.00	878	105.00	323	142.00	310		

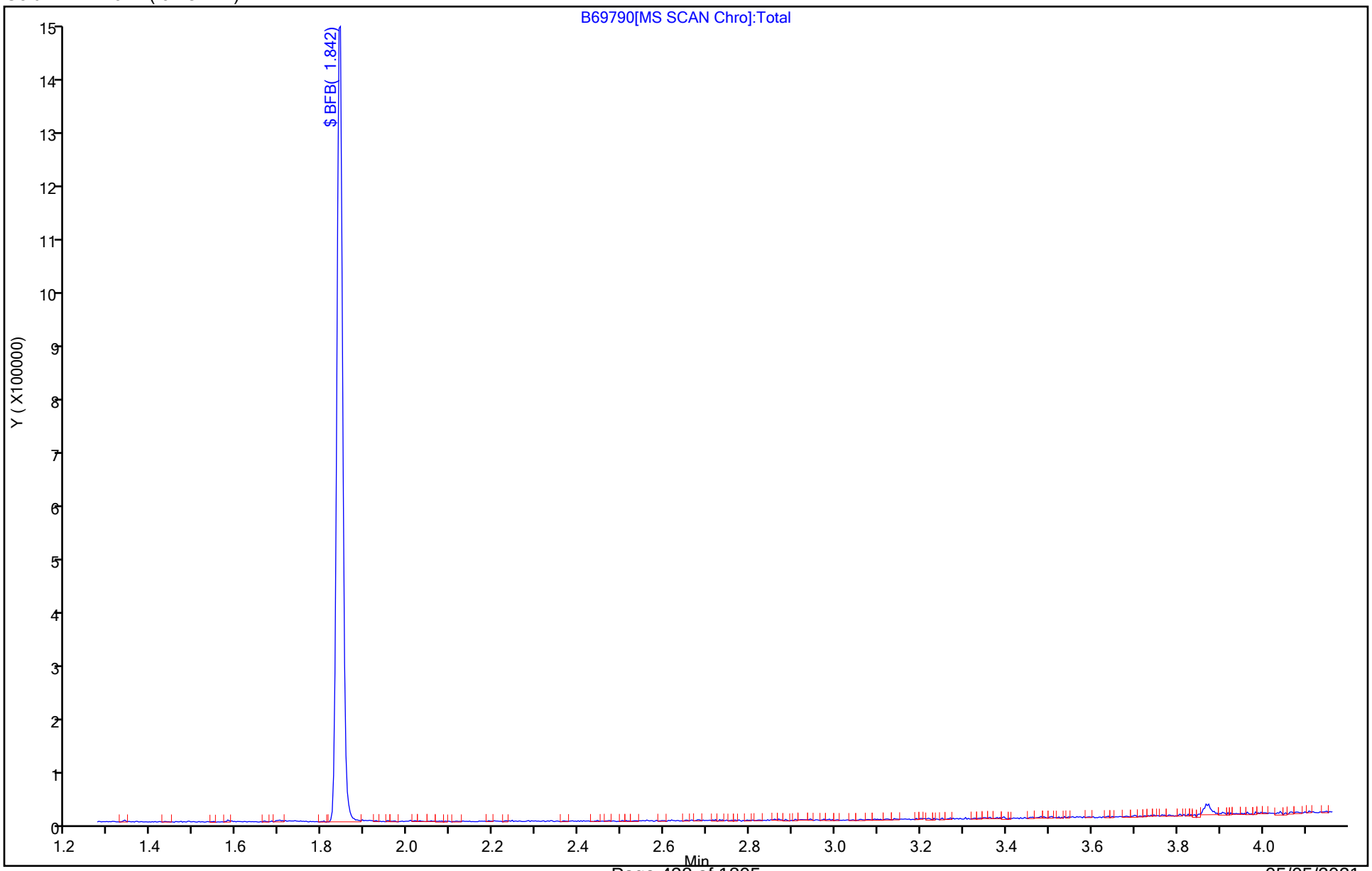
Report Date: 15-Mar-2021 13:03:56 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69790.D

Injection Date:	11-Mar-2021 08:42:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71675.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 03-May-2021 18:25:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0127997-001
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2021 18:48:52 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: parekhv Date: 03-May-2021 18:48:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	1.765	1.765	0.000	92	83786	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

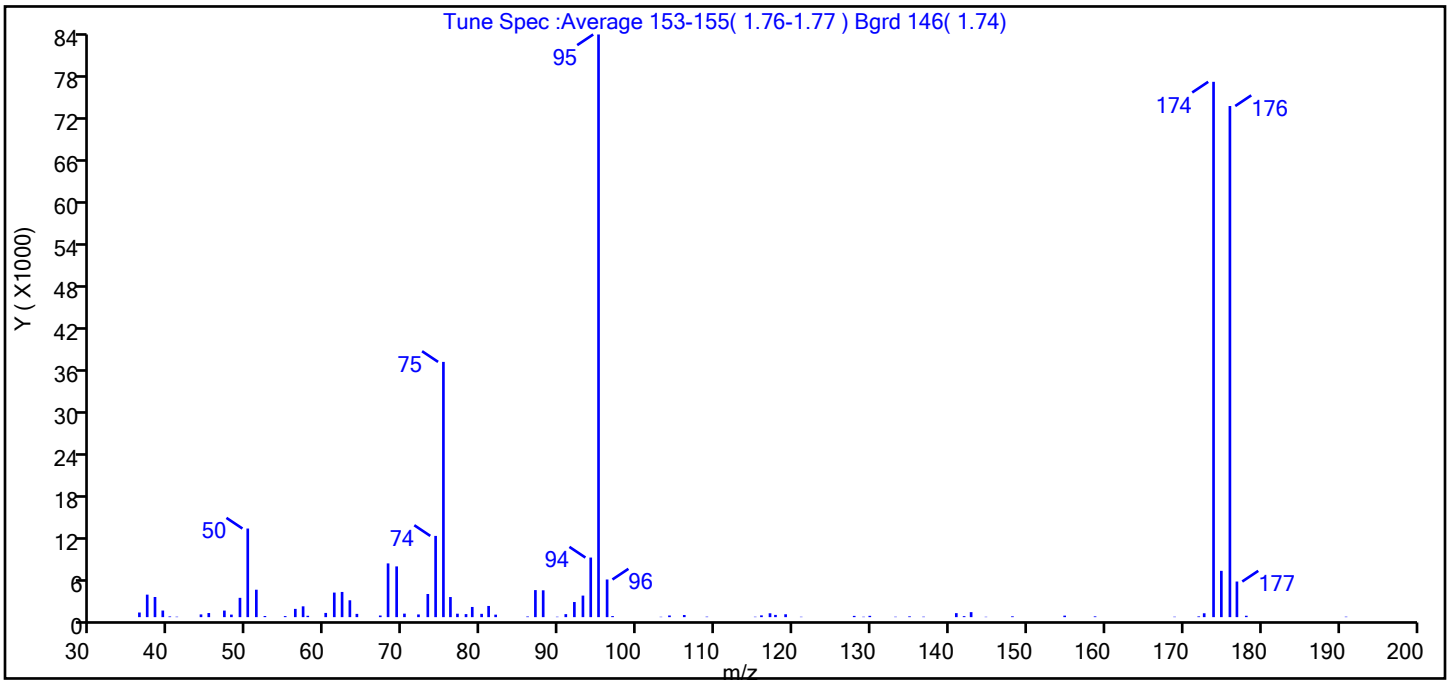
BFB_00029 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71675.D
Injection Date: 03-May-2021 18:25:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.2
75	30 to 60% of m/z 95	43.8
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.7 (0.7)
174	50 to 120% of m/z 95	91.9
175	5 to 9% of m/z 174	7.9 (8.6)
176	Greater than 95% but less than 101% of m/z 174	87.7 (95.5)
177	5 to 9% of m/z 176	6.1 (7.0)

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71675.D\8260S_2.rslt\spectra.d
Injection Date: 03-May-2021 18:25:30
Spectrum: Tune Spec :Average 153-155(1.76-1.77) Bgrd 146(1.74)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 81

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	661	63.00	2407	91.00	429	135.00	112
37.00	3214	64.00	467	92.00	2159	137.00	65
38.00	2878	67.00	232	93.00	3077	141.00	573
39.00	944	68.00	7675	94.00	8509	142.00	142
40.00	100	69.00	7245	95.00	83200	143.00	715
41.00	63	70.00	502	96.00	5376	145.00	51
44.00	389	72.00	387	97.00	151	148.00	118
45.00	588	73.00	3306	103.00	50	155.00	215
47.00	938	74.00	11600	104.00	237	159.00	112
48.00	362	75.00	36448	106.00	304	169.00	59
49.00	2757	76.00	2873	109.00	69	172.00	108
50.00	12652	77.00	493	115.00	59	173.00	553
51.00	3917	78.00	435	116.00	253	174.00	76440
52.00	163	79.00	1454	117.00	554	175.00	6612
55.00	151	80.00	473	118.00	320	176.00	72984
56.00	1180	81.00	1597	119.00	410	177.00	5086
57.00	1545	82.00	357	121.00	53	178.00	200
58.00	194	86.00	93	128.00	179	191.00	64
60.00	603	87.00	3860	129.00	58		
61.00	3508	88.00	3833	130.00	187		
62.00	3598	90.00	59	133.00	59		

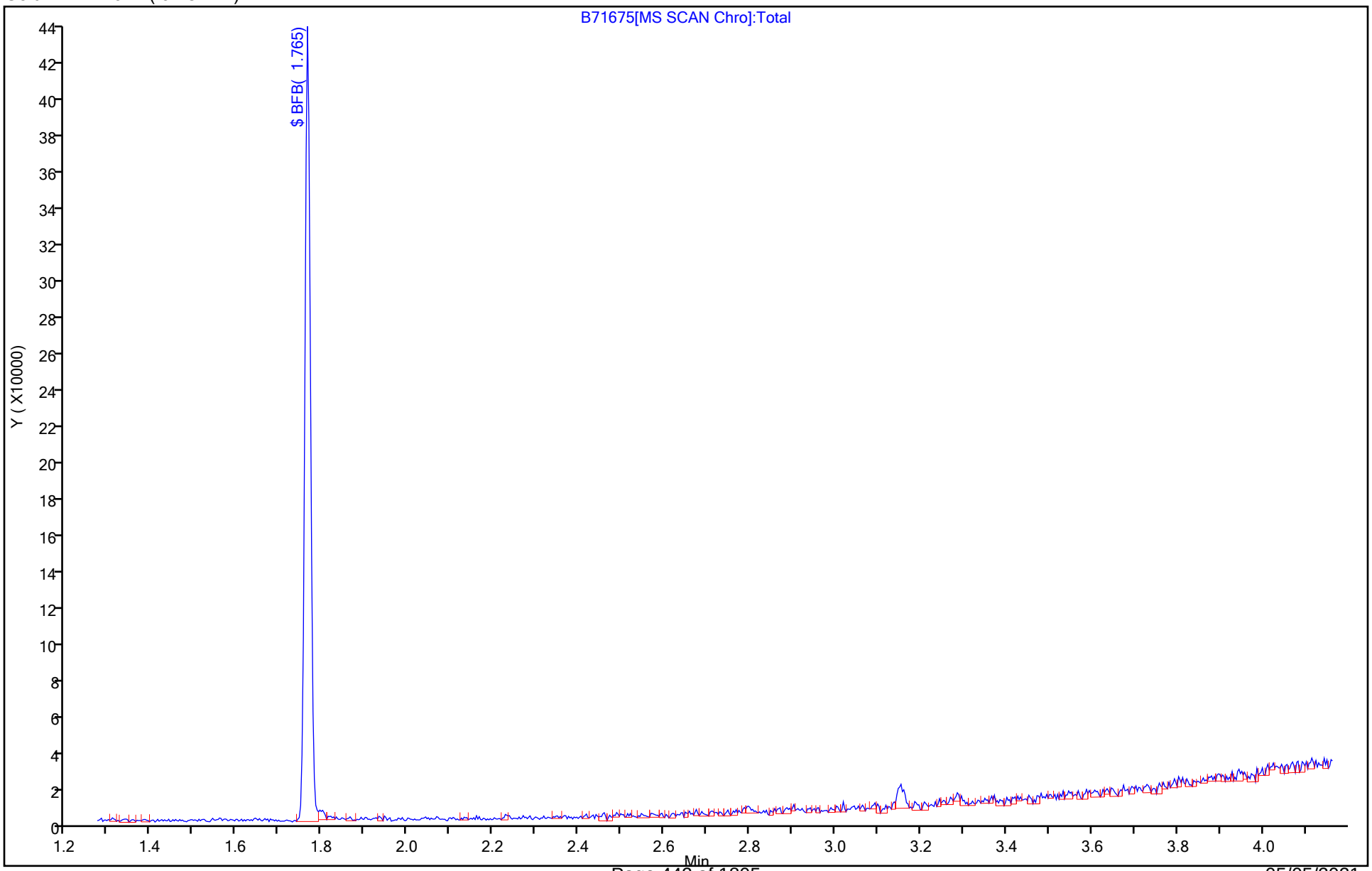
Report Date: 03-May-2021 18:48:52 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71675.D

Injection Date:	03-May-2021 18:25:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-775506/7

Matrix: Solid Lab File ID: B71681.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2021 21:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0050	U	0.0050	0.00037
591-78-6	2-Hexanone	0.0050	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016
67-64-1	Acetone	0.0060	U	0.0060	0.0057
71-43-2	Benzene	0.0010	U	0.0010	0.00026
75-25-2	Bromoform	0.0010	U	0.0010	0.00043
74-83-9	Bromomethane	0.0020	U	0.0020	0.0010
75-15-0	Carbon disulfide	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.0010	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
110-82-7	Cyclohexane	0.0010	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0010	U	0.0010	0.00026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-775506/7

Matrix: Solid Lab File ID: B71681.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2021 21:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0010	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.0010	U	0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0010	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.0010	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0050	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0010	U	0.0010	0.00051
108-87-2	Methylcyclohexane	0.0010	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017
104-51-8	n-Butylbenzene	0.0010	U	0.0010	0.00029
103-65-1	N-Propylbenzene	0.0010	U	0.0010	0.00018
95-47-6	o-Xylene	0.0010	U	0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0010	U	0.0010	0.00029
100-42-5	Styrene	0.0010	U	0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0010	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
108-88-3	Toluene	0.0010	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0010	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.0020	U	0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		77-145
460-00-4	4-Bromofluorobenzene	99		70-139
1868-53-7	Dibromofluoromethane (Surr)	113		48-150
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71681.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 03-May-2021 21:02:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0127997-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2021 11:02:27 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: delpolitov Date: 04-May-2021 11:02:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	1.605	1.599	0.006	0	281163	1000.0	1000.0	
* 40 2-Butanone-d5	46	2.367	2.367	0.000	0	225206	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.794	2.794	0.000	97	152434	50.0	56.4	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.081	3.087	-0.006	0	137349	50.0	49.3	
* 60 Fluorobenzene	96	3.428	3.428	0.000	100	474965	50.0	50.0	
* 69 1,4-Dioxane-d8	96	4.239	4.245	-0.006	0	21168	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.428	5.422	0.006	100	525224	50.0	52.0	
* 91 Chlorobenzene-d5	117	7.811	7.805	0.006	83	379847	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	10.085	10.085	0.000	96	168988	50.0	49.4	
* 117 1,4-Dichlorobenzene-d4	152	12.128	12.128	0.000	93	219969	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00217 Amount Added: 1.00 Units: uL Run Reagent

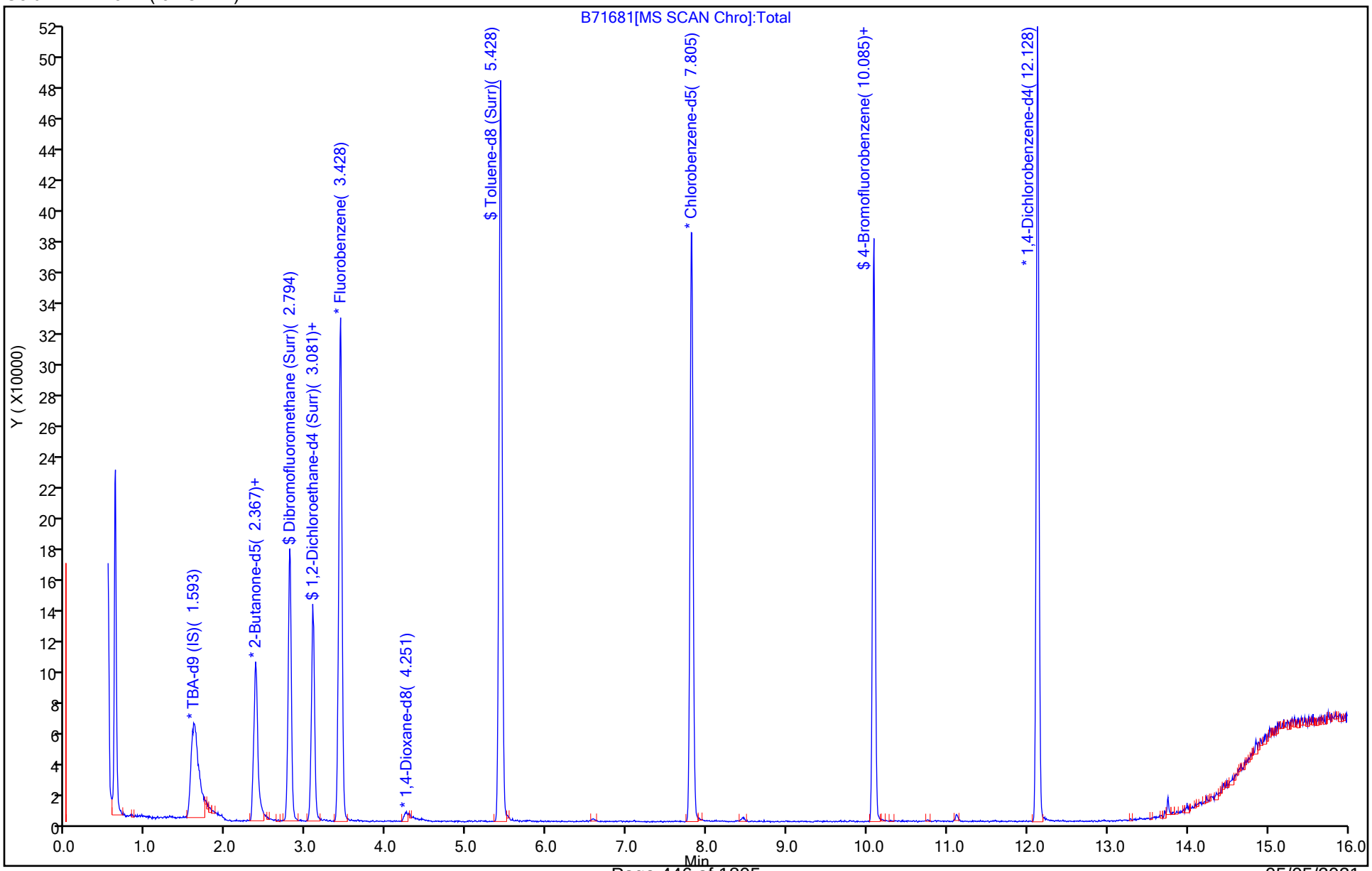
Report Date: 04-May-2021 11:02:28 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71681.D

Injection Date:	03-May-2021 21:02:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-774864/1-A

Matrix: Solid Lab File ID: B71688.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 05/04/2021 00:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0050	U	0.0050	0.00037
591-78-6	2-Hexanone	0.0050	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016
67-64-1	Acetone	0.0060	U	0.0060	0.0057
71-43-2	Benzene	0.0010	U	0.0010	0.00026
75-25-2	Bromoform	0.0010	U	0.0010	0.00043
74-83-9	Bromomethane	0.0020	U	0.0020	0.0010
75-15-0	Carbon disulfide	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.0010	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00097
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
110-82-7	Cyclohexane	0.0010	U	0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0010	U	0.0010	0.00026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-774864/1-A

Matrix: Solid Lab File ID: B71688.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 05/04/2021 00:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0010	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.0010	U	0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0010	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.0010	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0050	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0010	U	0.0010	0.00051
108-87-2	Methylcyclohexane	0.0010	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.0020	U	0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017
104-51-8	n-Butylbenzene	0.0010	U	0.0010	0.00029
103-65-1	N-Propylbenzene	0.0010	U	0.0010	0.00018
95-47-6	o-Xylene	0.0010	U	0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0010	U	0.0010	0.00029
100-42-5	Styrene	0.000339	J	0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0010	U	0.0010	0.00028
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00031
108-88-3	Toluene	0.0010	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0010	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055
1330-20-7	Xylenes, Total	0.0020	U	0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		77-145
460-00-4	4-Bromofluorobenzene	95		70-139
1868-53-7	Dibromofluoromethane (Surr)	111		48-150
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71688.D
Lims ID: LB3 460-774864/1-A
Client ID:
Sample Type: LB3
Inject. Date: 04-May-2021 00:18:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-774864/1-A
Misc. Info.: 460-0127997-014
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2021 05:24:17 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: tupayachia Date: 04-May-2021 05:24:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	0.563	0.648	-0.085	1	52		NC	
* 29 TBA-d9 (IS)	65	1.599	1.599	0.000	0	257332	1000.0	1000.0	
* 40 2-Butanone-d5	46	2.367	2.367	0.000	0	224633	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	2.794	2.794	0.000	98	162680	50.0	55.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.087	3.087	0.000	0	141989	50.0	46.8	
* 60 Fluorobenzene	96	3.422	3.428	-0.006	100	517406	50.0	50.0	
* 69 1,4-Dioxane-d8	96	4.245	4.245	0.000	0	21348	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	5.422	5.422	0.000	99	572292	50.0	53.2	
* 91 Chlorobenzene-d5	117	7.805	7.805	0.000	84	404782	50.0	50.0	
97 Styrene	104	9.177	9.183	-0.006	91	3192		0.3386	
98 n-Butyl acrylate	73	9.378	9.366	0.012	89	1032		0.5664	
$ 103 4-Bromofluorobenzene	174	10.085	10.085	0.000	95	176623	50.0	47.4	
* 117 1,4-Dichlorobenzene-d4	152	12.128	12.128	0.000	93	239545	50.0	50.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 04-May-2021 05:24:17 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71688.D

Injection Date: 04-May-2021 00:18:30 Instrument ID: CVOAMS2 Operator ID:

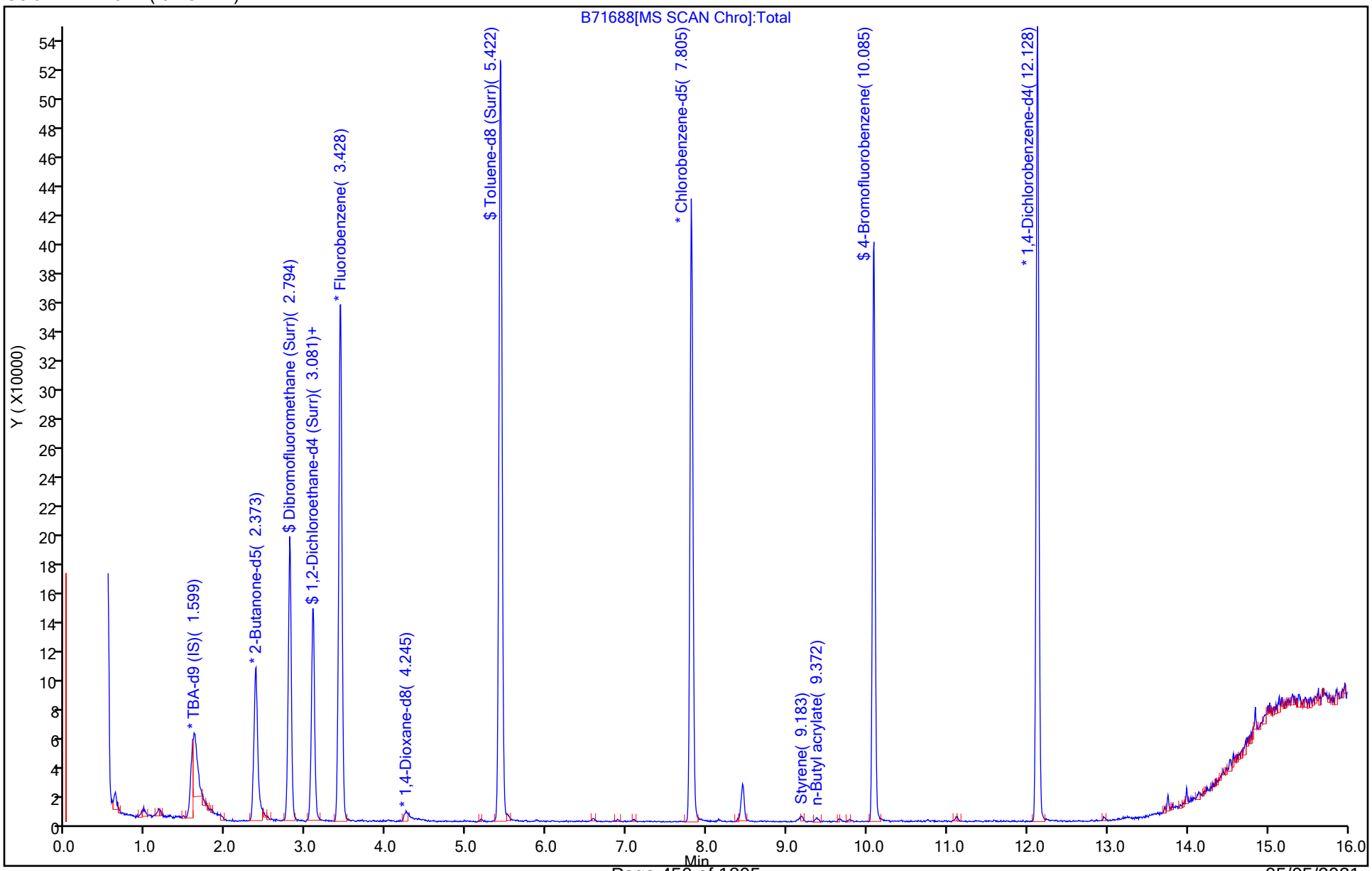
Lims ID: LB3 460-774864/1-A Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 13

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Report Date: 04-May-2021 05:24:18 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71688.D

Injection Date: 04-May-2021 00:18:30 Instrument ID: CVOAMS2

Lims ID: LB3 460-774864/1-A

Client ID:

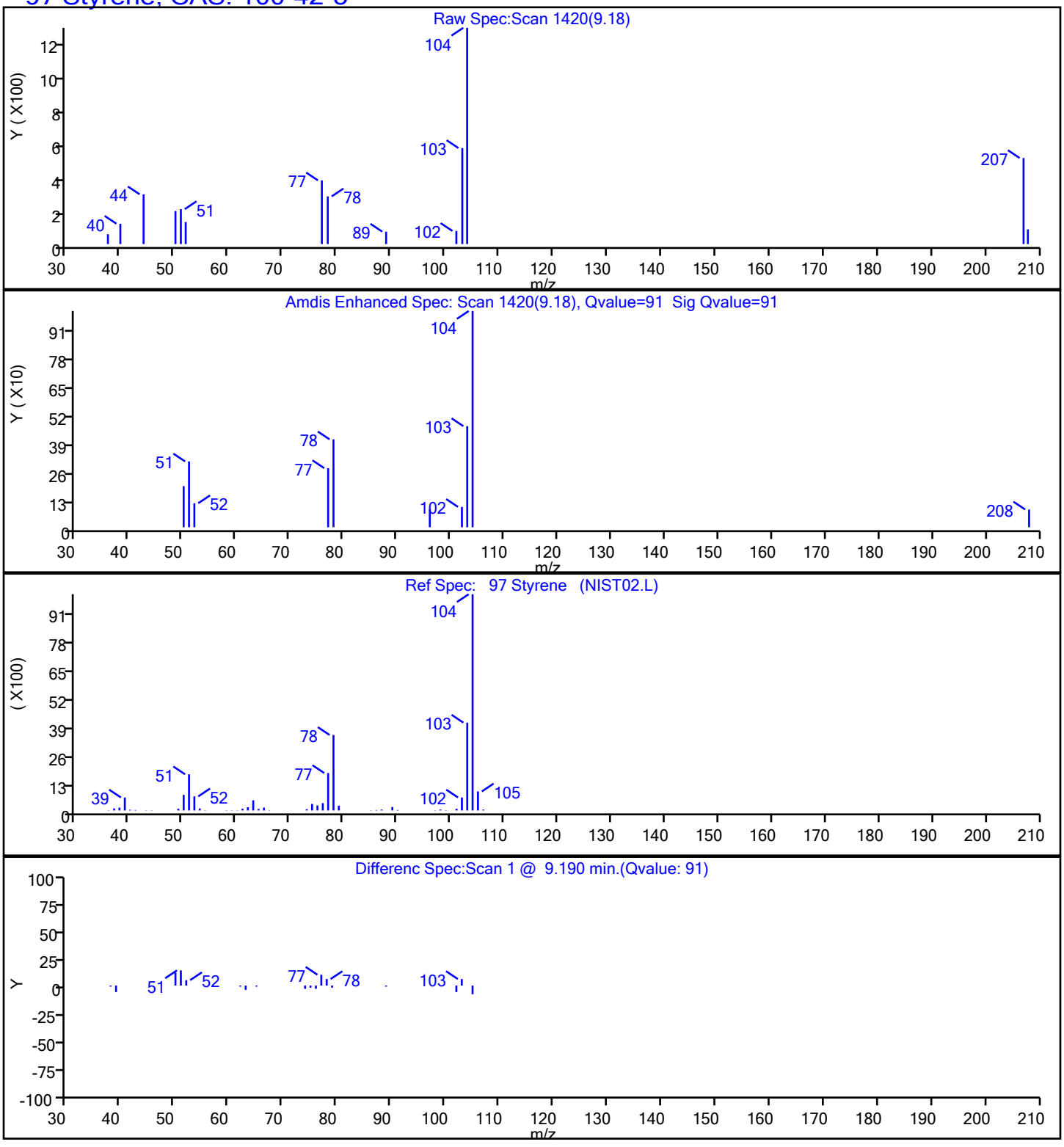
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

97 Styrene, CAS: 100-42-5



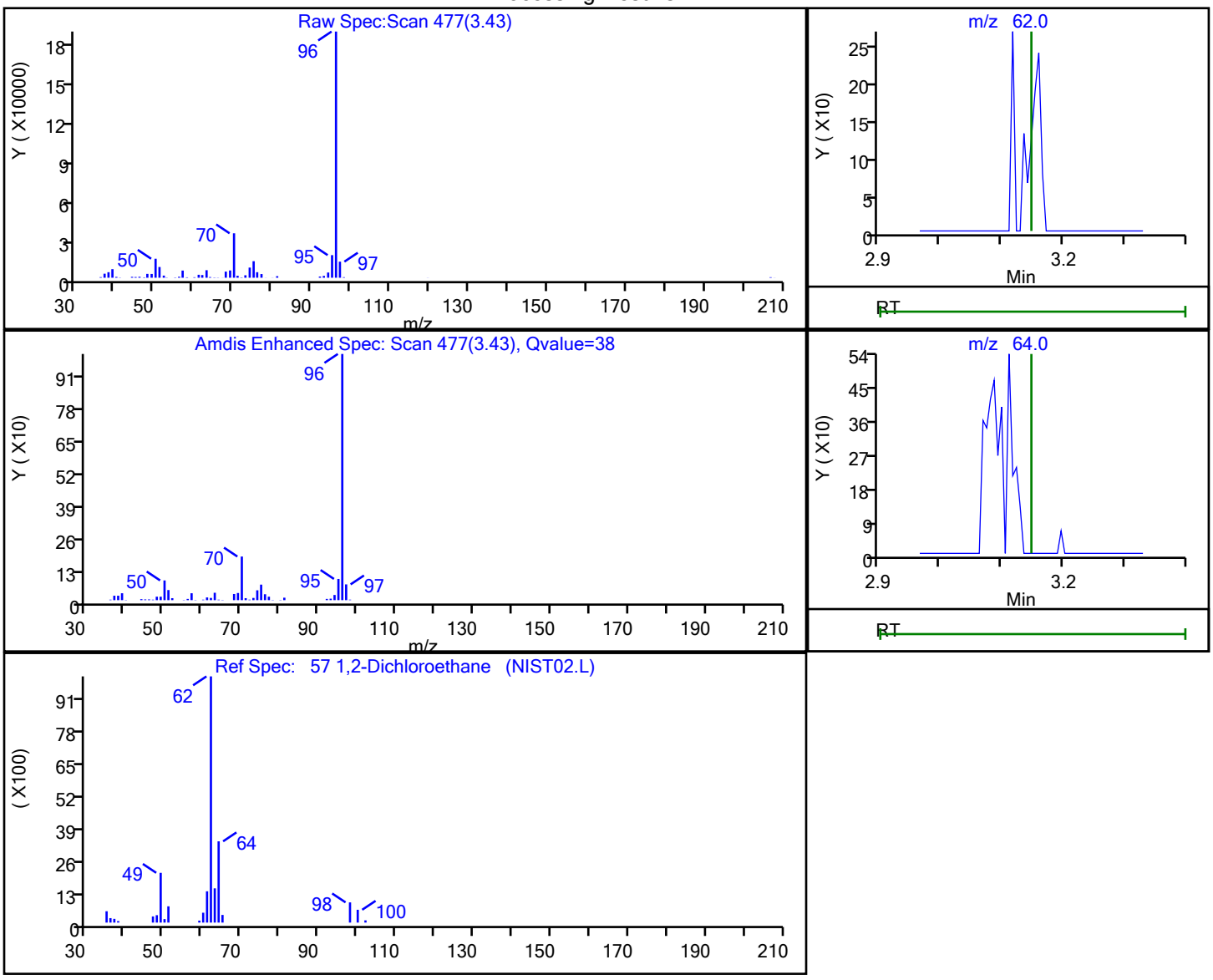
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71688.D				
Injection Date:	04-May-2021 00:18:30	Instrument ID:	CVOAMS2		
Lims ID:	LB3 460-774864/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

57 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.43	62.00	4025	0.989483
3.43	64.00	930	

Reviewer: tupayachia, 04-May-2021 05:23:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-775506/3

Matrix: Solid Lab File ID: B71677.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2021 19:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0189		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0193		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0194		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0189		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0182		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0202		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0200		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0197		0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0190		0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0231		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0192		0.0010	0.00036
107-06-2	1,2-Dichloroethane	0.0179		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0182		0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0192		0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0187		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0186		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.0998		0.0050	0.00037
591-78-6	2-Hexanone	0.0799		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0780		0.0050	0.0016
67-64-1	Acetone	0.0829		0.0060	0.0057
71-43-2	Benzene	0.0197		0.0010	0.00026
75-25-2	Bromoform	0.0177		0.0010	0.00043
74-83-9	Bromomethane	0.0215		0.0020	0.0010
75-15-0	Carbon disulfide	0.0194		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0188		0.0010	0.00039
108-90-7	Chlorobenzene	0.0194		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0211		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0184		0.0010	0.00019
75-00-3	Chloroethane	0.0179		0.0010	0.00052
67-66-3	Chloroform	0.0191		0.0010	0.00097
74-87-3	Chloromethane	0.0199		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0215		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0198		0.0010	0.00027
110-82-7	Cyclohexane	0.0201		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0186		0.0010	0.00026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-775506/3

Matrix: Solid Lab File ID: B71677.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2021 19:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0176		0.0010	0.00034
100-41-4	Ethylbenzene	0.0196		0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0202		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0197		0.0010	0.00029
79-20-9	Methyl acetate	0.0379		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0185		0.0010	0.00051
108-87-2	Methylcyclohexane	0.0199		0.0010	0.00050
75-09-2	Methylene Chloride	0.0204		0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0203		0.0010	0.00017
104-51-8	n-Butylbenzene	0.0183		0.0010	0.00029
103-65-1	N-Propylbenzene	0.0195		0.0010	0.00018
95-47-6	o-Xylene	0.0194		0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0191		0.0010	0.00029
100-42-5	Styrene	0.0193		0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0200		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0185		0.0010	0.00031
108-88-3	Toluene	0.0194		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0205		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0184		0.0010	0.00027
79-01-6	Trichloroethene	0.0193		0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0203		0.0010	0.00041
75-01-4	Vinyl chloride	0.0216		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0398		0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-145
460-00-4	4-Bromofluorobenzene	96		70-139
1868-53-7	Dibromofluoromethane (Surr)	106		48-150
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71677.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 03-May-2021 19:09:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0127997-003
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2021 10:58:05 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: parekhv Date: 03-May-2021 23:58:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.660	0.660	0.000	85	108098	20.0	17.6	
4 Chlorodifluoromethane	67	0.666	0.666	0.000	95	13009	20.0	16.7	
5 Chloromethane	50	0.740	0.740	0.000	99	116243	20.0	19.9	M
6 Butadiene	54	0.764	0.764	0.000	90	75338	20.0	19.5	
7 Vinyl chloride	62	0.782	0.782	0.000	98	90803	20.0	21.6	
8 Bromomethane	94	0.898	0.898	0.000	99	68830	20.0	21.5	
9 Chloroethane	64	0.922	0.922	0.000	90	42349	20.0	17.9	M
10 Dichlorofluoromethane	67	1.026	1.026	0.000	98	118614	20.0	19.4	
12 Pentane	72	1.050	1.050	0.000	95	18959	40.0	38.1	
11 Trichlorofluoromethane	101	1.050	1.050	0.000	67	118076	20.0	20.3	
13 Ethyl ether	59	1.160	1.160	0.000	91	39293	20.0	18.7	a
15 2-Methyl-1,3-butadiene	53	1.166	1.166	0.000	92	44116	20.0	15.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.179	1.179	0.000	81	59267	20.0	18.7	M
14 Ethanol	46	1.148	1.148	0.000	64	7743	800.0	996.4	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.215	1.215	0.000	86	98512	20.0	20.5	a
18 Acrolein	56	1.215	1.215	0.000	95	93530	300.0	212.9	
19 1,1-Dichloroethene	96	1.264	1.264	0.000	97	60814	20.0	20.2	
20 112TCTFE	101	1.288	1.288	0.000	86	67399	20.0	19.4	a
21 Acetone	43	1.300	1.300	0.000	86	64875	100.0	82.9	
22 Iodomethane	142	1.343	1.343	0.000	96	128249	20.0	20.4	
23 Carbon disulfide	76	1.374	1.374	0.000	98	210325	20.0	19.4	
24 Isopropyl alcohol	45	1.410	1.410	0.000	24	31731	200.0	140.9	a
25 3-Chloro-1-propene	39	1.459	1.459	0.000	95	60220	20.0	16.0	
26 Methyl acetate	43	1.483	1.483	0.000	98	72908	40.0	37.9	
27 Acetonitrile	39	1.496	1.496	0.000	21	34756	200.0	117.4	a
28 Methylene Chloride	84	1.532	1.532	0.000	87	66750	20.0	20.4	
* 29 TBA-d9 (IS)	65	1.599	1.599	0.000	0	337704	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.666	1.666	0.000	34	66855	200.0	160.1	a
31 Acrylonitrile	53	1.678	1.678	0.000	95	181545	200.0	123.6	
32 trans-1,2-Dichloroethene	96	1.691	1.691	0.000	94	68531	20.0	20.5	
33 Methyl tert-butyl ether	73	1.709	1.709	0.000	97	160290	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Hexane	57	1.867	1.867	0.000	90	88353	20.0	18.6	
35 1,1-Dichloroethane	63	1.953	1.953	0.000	98	106224	20.0	18.2	
37 2-Chloro-1,3-butadiene	88	2.014	2.014	0.000	65	60591	20.0	21.1	
36 Vinyl acetate	86	2.020	2.020	0.000	100	22463	40.0	47.1	
38 Isopropyl ether	45	2.044	2.044	0.000	89	161253	20.0	16.2	
39 Tert-butyl ethyl ether	87	2.306	2.306	0.000	90	73280	20.0	20.5	
* 40 2-Butanone-d5	46	2.367	2.367	0.000	0	253750	250.0	250.0	
42 2,2-Dichloropropane	79	2.392	2.392	0.000	68	31183	20.0	19.6	a
41 cis-1,2-Dichloroethene	96	2.379	2.379	0.000	98	75067	20.0	21.5	
43 2-Butanone (MEK)	72	2.410	2.410	0.000	95	35479	100.0	99.8	
44 Propionitrile	54	2.453	2.453	0.000	97	73026	200.0	216.5	
45 Ethyl acetate	70	2.495	2.495	0.000	99	11616	40.0	48.3	
62 Methyl acrylate	55	2.495	2.495	0.000	62	57815	20.0	20.0	
46 Chlorobromomethane	128	2.568	2.568	0.000	85	38240	20.0	21.1	
47 Methacrylonitrile	67	2.575	2.575	0.000	89	226705	200.0	220.6	
48 Tetrahydrofuran	72	2.617	2.617	0.000	84	16046	40.0	40.9	
49 Chloroform	83	2.654	2.654	0.000	99	108636	20.0	19.1	
$ 50 Dibromofluoromethane (Surr)	113	2.794	2.794	0.000	98	152547	50.0	53.1	
51 1,1,1-Trichloroethane	97	2.794	2.794	0.000	63	99448	20.0	18.9	
52 Cyclohexane	84	2.837	2.837	0.000	87	102563	20.0	20.1	
54 1,1-Dichloropropene	75	2.940	2.940	0.000	97	86413	20.0	19.8	
53 Carbon tetrachloride	117	2.940	2.940	0.000	83	87545	20.0	18.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.087	3.087	0.000	0	143679	50.0	48.5	
56 Benzene	78	3.123	3.123	0.000	95	244473	20.0	19.7	
57 1,2-Dichloroethane	62	3.148	3.148	0.000	97	71088	20.0	17.9	
58 Isobutyl alcohol	42	3.221	3.221	0.000	32	28658	500.0	334.7	Ma
59 Tert-amyl methyl ether	73	3.300	3.300	0.000	97	195515	20.0	20.6	
73 Isopropyl acetate	43	3.306	3.306	0.000	94	237037	20.0	19.7	
* 60 Fluorobenzene	96	3.428	3.428	0.000	99	505381	50.0	50.0	
61 n-Heptane	43	3.471	3.471	0.000	89	91246	20.0	15.8	
63 Trichloroethene	95	3.824	3.824	0.000	96	63257	20.0	19.3	
64 n-Butanol	43	3.971	3.971	0.000	90	5783	500.0	220.7	
65 Methylcyclohexane	83	4.032	4.032	0.000	94	118301	20.0	19.9	
66 Ethyl acrylate	55	4.050	4.050	0.000	93	142245	20.0	18.3	
67 1,2-Dichloropropane	63	4.074	4.074	0.000	93	57837	20.0	18.2	
68 Dibromomethane	93	4.202	4.202	0.000	67	37008	20.0	20.0	
* 69 1,4-Dioxane-d8	96	4.245	4.245	0.000	0	28416	1000.0	1000.0	
70 1,4-Dioxane	88	4.300	4.300	0.000	29	12613	400.0	381.3	M
71 Methyl methacrylate	100	4.336	4.336	0.000	93	30390	40.0	46.9	
72 Dichlorobromomethane	83	4.452	4.452	0.000	99	75262	20.0	18.6	
81 n-Propyl acetate	43	4.452	4.452	0.000	79	61350	20.0	17.2	
74 2-Nitropropane	41	4.763	4.763	0.000	94	19924	40.0	33.8	
75 2-Chloroethyl vinyl ether	63	4.934	4.934	0.000	56	8049	20.0	34.3	
76 Epichlorohydrin	57	4.977	4.977	0.000	99	88105	400.0	584.1	a
77 cis-1,3-Dichloropropene	75	5.068	5.068	0.000	90	89618	20.0	19.8	
78 4-Methyl-2-pentanone (MIBK)	43	5.367	5.367	0.000	94	228224	100.0	78.0	a
$ 79 Toluene-d8 (Surr)	98	5.422	5.422	0.000	99	545257	50.0	51.1	
80 Toluene	91	5.513	5.513	0.000	92	259100	20.0	19.4	
82 trans-1,3-Dichloropropene	75	5.946	5.946	0.000	96	73001	20.0	18.4	
83 1,1,2-Trichloroethane	83	6.208	6.208	0.000	94	40104	20.0	18.9	
84 Ethyl methacrylate	69	6.220	6.220	0.000	93	61481	20.0	19.2	
85 Tetrachloroethene	166	6.354	6.354	0.000	96	70583	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	6.452	6.452	0.000	91	76263	20.0	17.8	
87 2-Hexanone	43	6.738	6.738	0.000	94	152884	100.0	79.9	
88 Chlorodibromomethane	129	6.812	6.812	0.000	97	54677	20.0	18.4	
89 Ethylene Dibromide	107	6.915	6.915	0.000	98	51619	20.0	20.2	
90 n-Butyl acetate	73	7.074	7.074	0.000	96	13115	20.0	20.6	
* 91 Chlorobenzene-d5	117	7.805	7.805	0.000	83	401639	50.0	50.0	
92 Chlorobenzene	112	7.854	7.854	0.000	97	167495	20.0	19.4	
93 1,1,1,2-Tetrachloroethane	131	8.074	8.074	0.000	98	62128	20.0	19.0	
94 Ethylbenzene	106	8.159	8.159	0.000	97	92759	20.0	19.6	
95 m-Xylene & p-Xylene	106	8.403	8.403	0.000	99	115061	20.0	20.3	
96 o-Xylene	106	9.134	9.134	0.000	94	109592	20.0	19.4	
97 Styrene	104	9.183	9.183	0.000	97	180329	20.0	19.3	
98 n-Butyl acrylate	73	9.366	9.366	0.000	98	36913	20.0	20.4	
99 Bromoform	173	9.421	9.421	0.000	97	38240	20.0	17.7	
101 Amyl acetate (mixed isomers)	43	9.848	9.848	0.000	93	76069	20.0	17.2	
102 Isopropylbenzene	105	9.878	9.878	0.000	94	301466	20.0	19.7	
$ 103 4-Bromofluorobenzene	174	10.085	10.085	0.000	97	184104	50.0	48.2	
104 Bromobenzene	156	10.256	10.256	0.000	92	77181	20.0	19.0	
105 1,2,3-Trichloropropane	110	10.475	10.475	0.000	97	20065	20.0	18.9	
106 1,1,2,2-Tetrachloroethane	83	10.500	10.500	0.000	98	69828	20.0	19.3	
107 trans-1,4-Dichloro-2-butene	53	10.603	10.603	0.000	90	16367	20.0	19.0	
108 N-Propylbenzene	120	10.628	10.628	0.000	100	86735	20.0	19.5	
109 2-Chlorotoluene	126	10.671	10.671	0.000	96	73640	20.0	18.7	
110 4-Ethyltoluene	105	10.847	10.847	0.000	98	294611	20.0	19.3	
111 4-Chlorotoluene	91	10.878	10.878	0.000	97	234474	20.0	17.9	
112 1,3,5-Trimethylbenzene	105	10.981	10.981	0.000	94	254871	20.0	19.2	
100 Butyl Methacrylate	87	11.353	11.353	0.000	94	69931	20.0	17.7	
113 tert-Butylbenzene	119	11.506	11.506	0.000	96	215041	20.0	20.0	
114 1,2,4-Trimethylbenzene	105	11.597	11.597	0.000	96	257180	20.0	19.0	
115 sec-Butylbenzene	105	11.908	11.908	0.000	99	333122	20.0	19.1	
116 1,3-Dichlorobenzene	146	11.975	11.975	0.000	98	152197	20.0	18.7	
* 117 1,4-Dichlorobenzene-d4	152	12.128	12.128	0.000	93	245704	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.170	12.170	0.000	96	153191	20.0	18.6	
119 4-Isopropyltoluene	119	12.250	12.250	0.000	98	289387	20.0	19.0	
120 1,2,3-Trimethylbenzene	105	12.353	12.353	0.000	98	272420	20.0	19.6	
121 Benzyl chloride	126	12.518	12.518	0.000	99	28755	20.0	26.4	
122 2,3-Dihydroindene	117	12.676	12.676	0.000	95	260438	20.0	19.7	
123 1,2-Dichlorobenzene	146	12.835	12.835	0.000	98	151540	20.0	19.2	
124 p-Diethylbenzene	119	12.945	12.945	0.000	95	159076	20.0	19.4	
125 n-Butylbenzene	92	12.969	12.969	0.000	98	158776	20.0	18.3	
126 1,2-Dibromo-3-Chloropropane	157	13.688	13.688	0.000	95	18003	20.0	23.1	
127 1,2,4,5-Tetramethylbenzene	119	13.719	13.719	0.000	97	291214	20.0	20.5	
128 1,3,5-Trichlorobenzene	180	13.859	13.859	0.000	97	136496	20.0	19.2	
129 1,2,4-Trichlorobenzene	180	14.304	14.304	0.000	94	127186	20.0	19.7	
130 Hexachlorobutadiene	225	14.444	14.444	0.000	97	59151	20.0	16.2	
131 Naphthalene	128	14.450	14.450	0.000	99	317413	20.0	24.8	
132 1,2,3-Trichlorobenzene	180	14.609	14.609	0.000	95	123718	20.0	20.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	42.0	
S 134 1,3-Dichloropropene, Total	100				0		40.0	38.2	
S 135 Xylenes, Total	100				0		40.0	39.8	
S 136 Total BTEX	1				0		100.0	98.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00418	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00136	Amount Added:	2.00	Units: uL	
524freon_00036	Amount Added:	2.00	Units: uL	
ACROLEIN W_00123	Amount Added:	3.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 04-May-2021 10:58:07 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71677.D

Injection Date: 03-May-2021 19:09:30 Instrument ID: CVOAMS2 Operator ID:

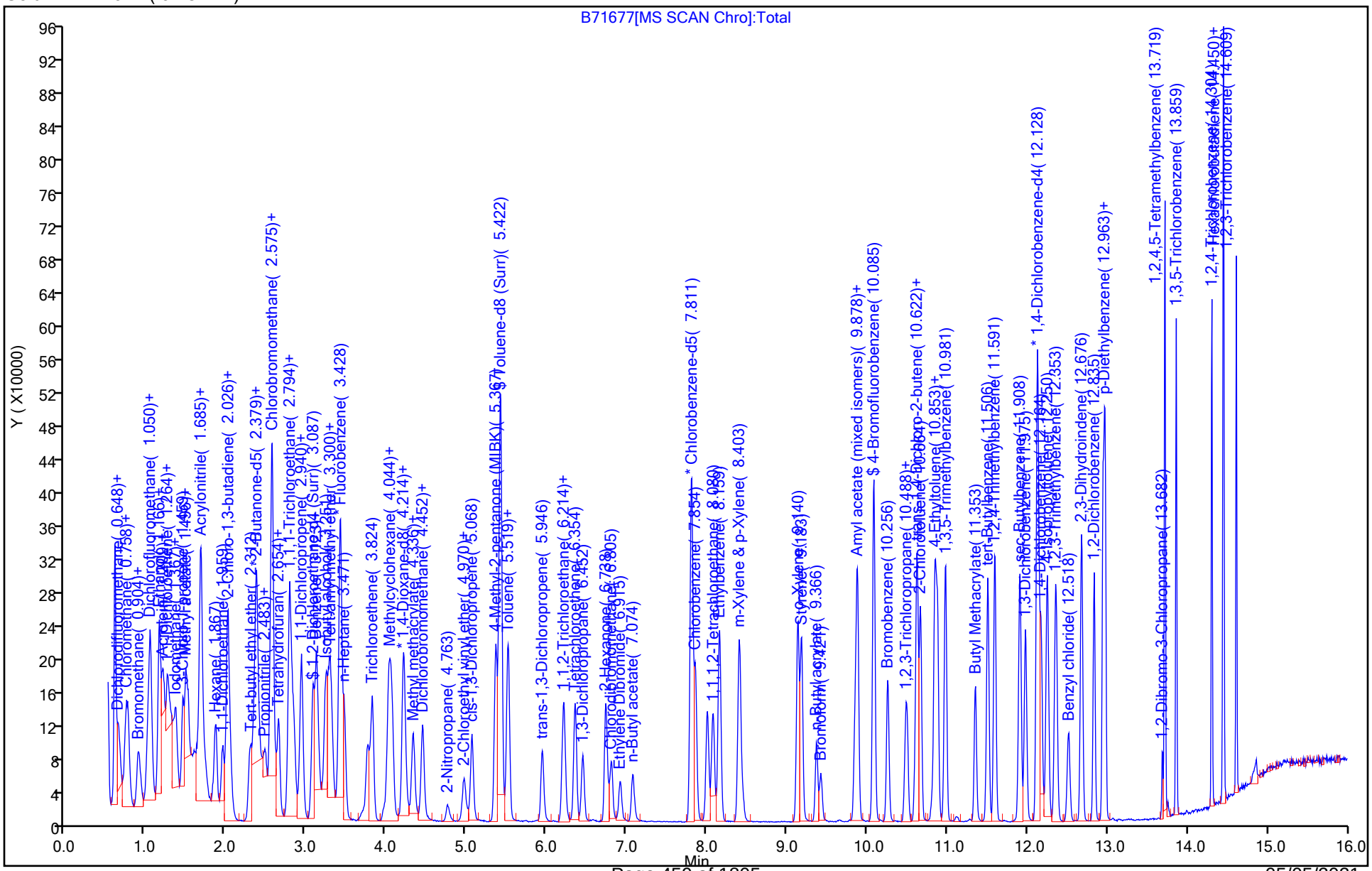
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

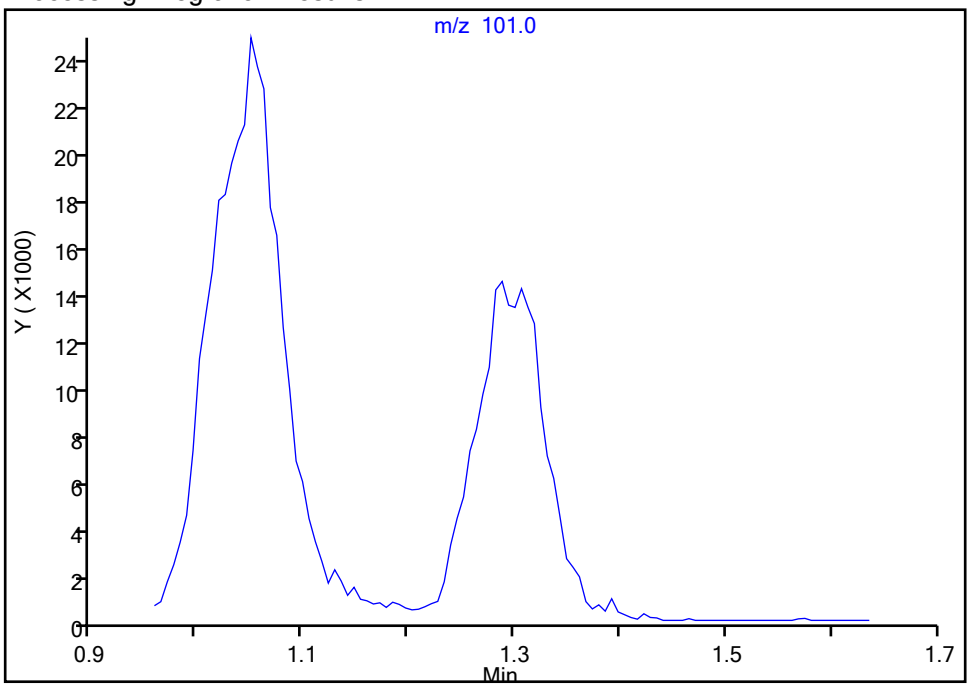
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71677.D
Injection Date: 03-May-2021 19:09:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

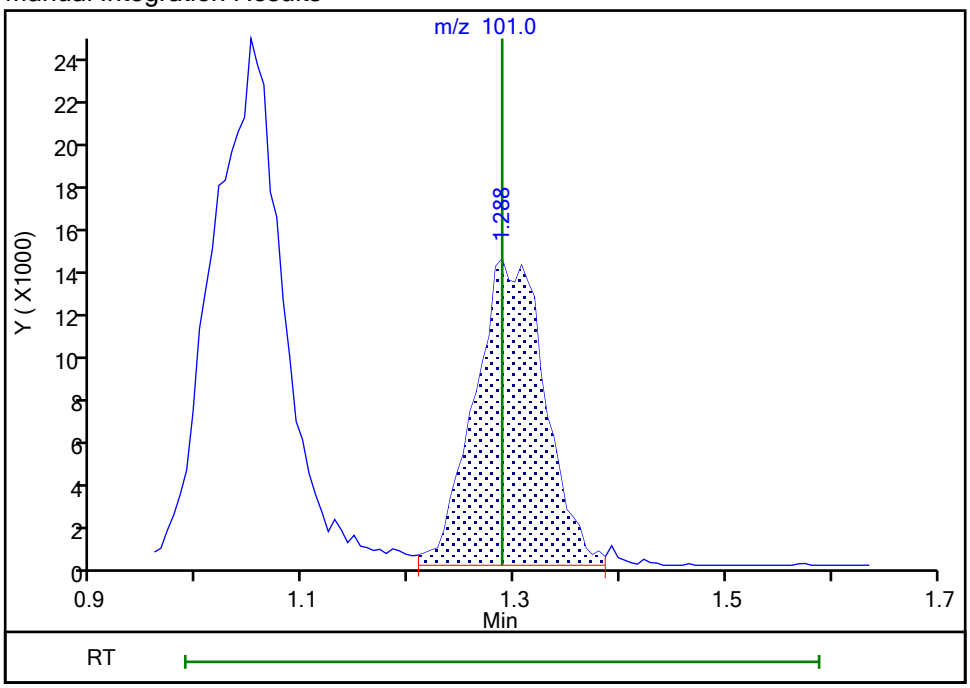
Not Detected
Expected RT: 1.29

Processing Integration Results



Manual Integration Results

RT: 1.29
Area: 67399
Amount: 19.407326
Amount Units: ug/l



Reviewer: parekhv, 03-May-2021 19:34:32
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

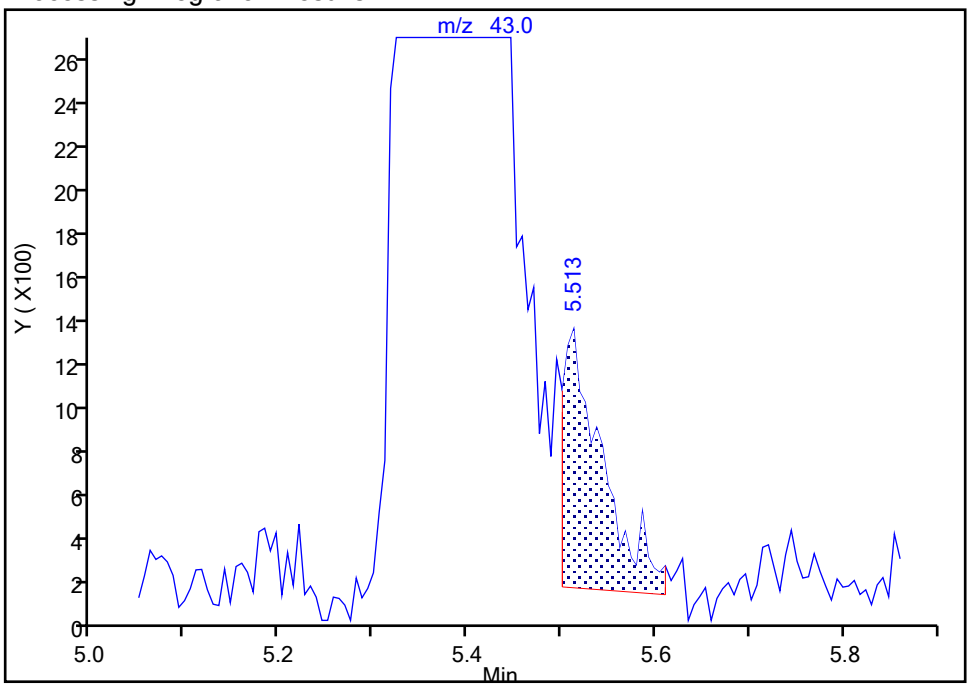
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71677.D
Injection Date: 03-May-2021 19:09:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

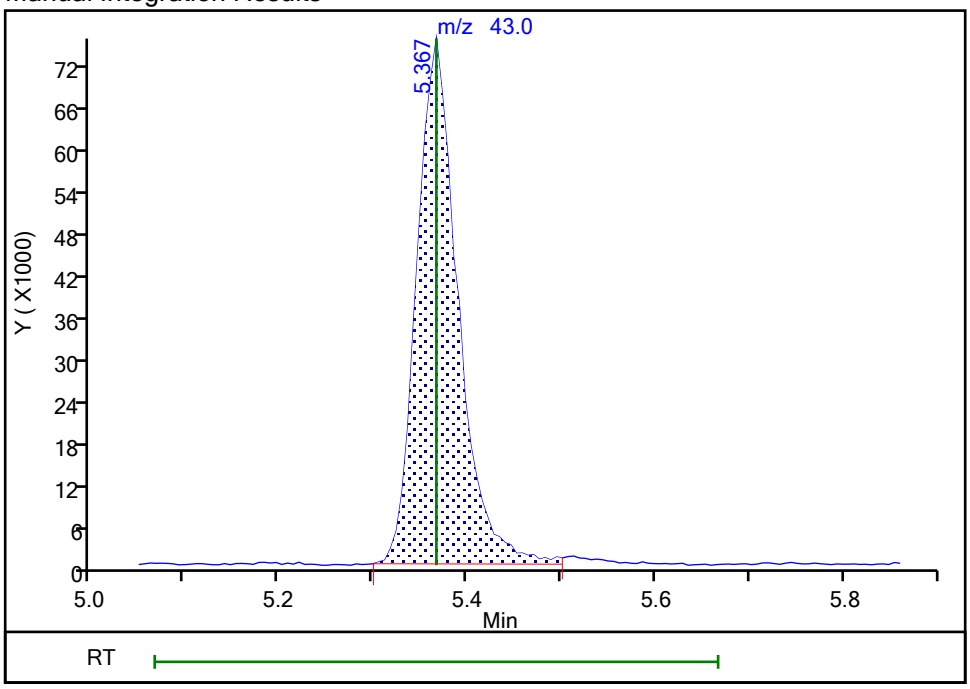
Processing Integration Results

RT: 5.51
Area: 3438
Amount: 1.174585
Amount Units: ug/l



Manual Integration Results

RT: 5.37
Area: 228224
Amount: 77.972238
Amount Units: ug/l



Reviewer: parekhv, 03-May-2021 19:34:56
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

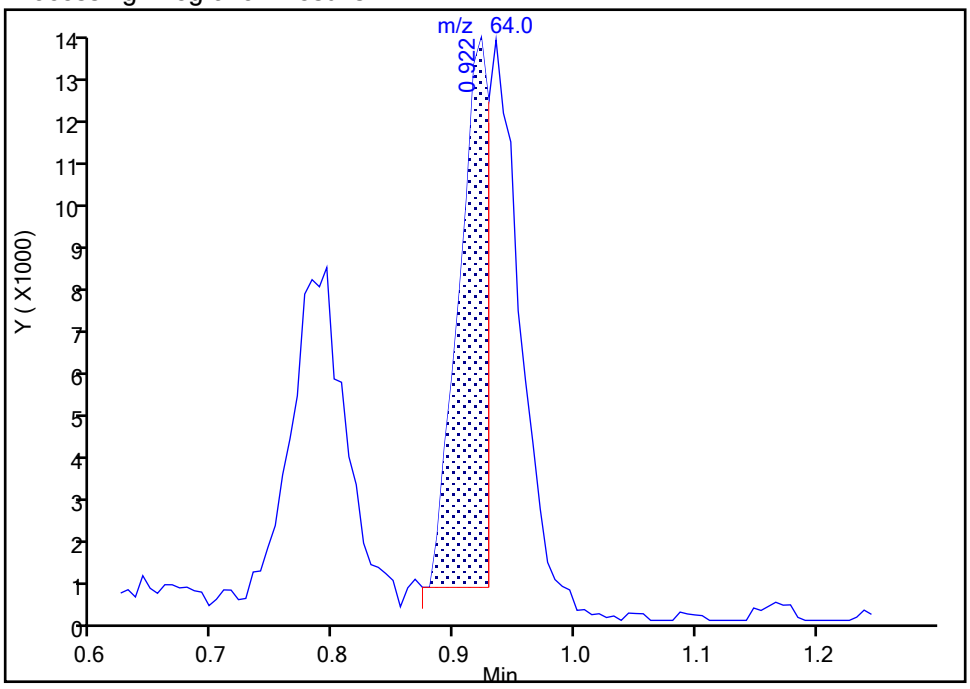
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71677.D
Injection Date: 03-May-2021 19:09:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Chloroethane, CAS: 75-00-3

Signal: 1

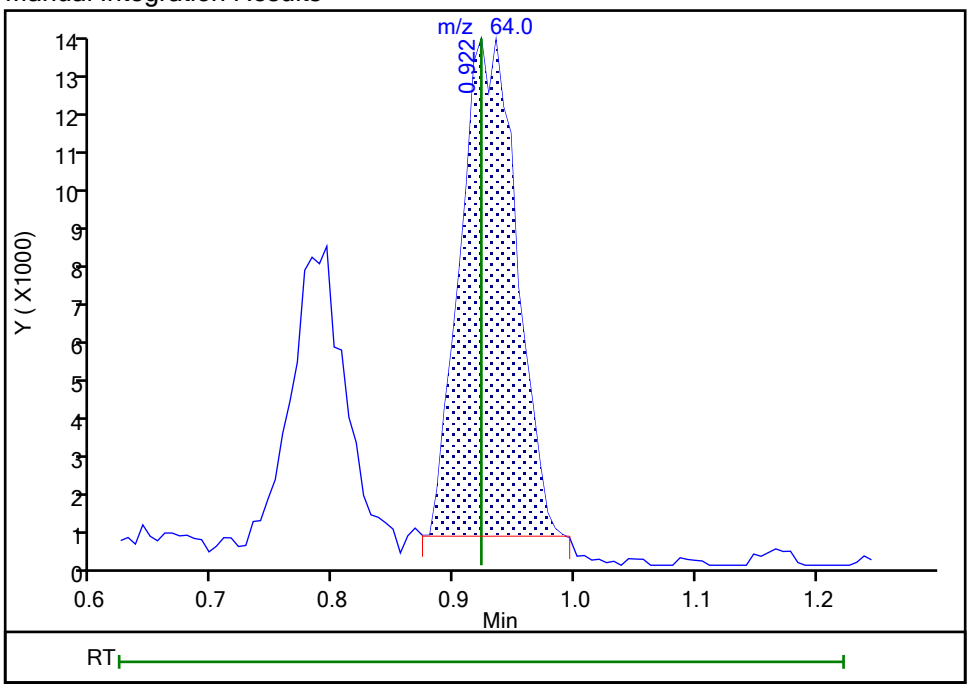
Processing Integration Results

RT: 0.92
Area: 23012
Amount: 9.702376
Amount Units: ug/l



Manual Integration Results

RT: 0.92
Area: 42349
Amount: 17.855290
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 10:56:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

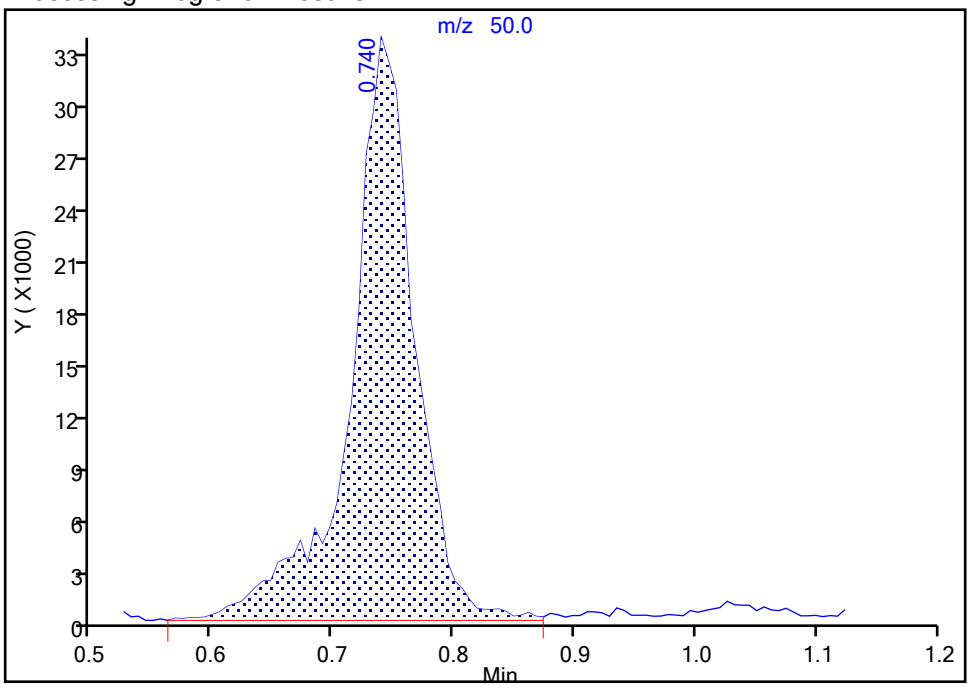
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71677.D
Injection Date: 03-May-2021 19:09:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chloromethane, CAS: 74-87-3

Signal: 1

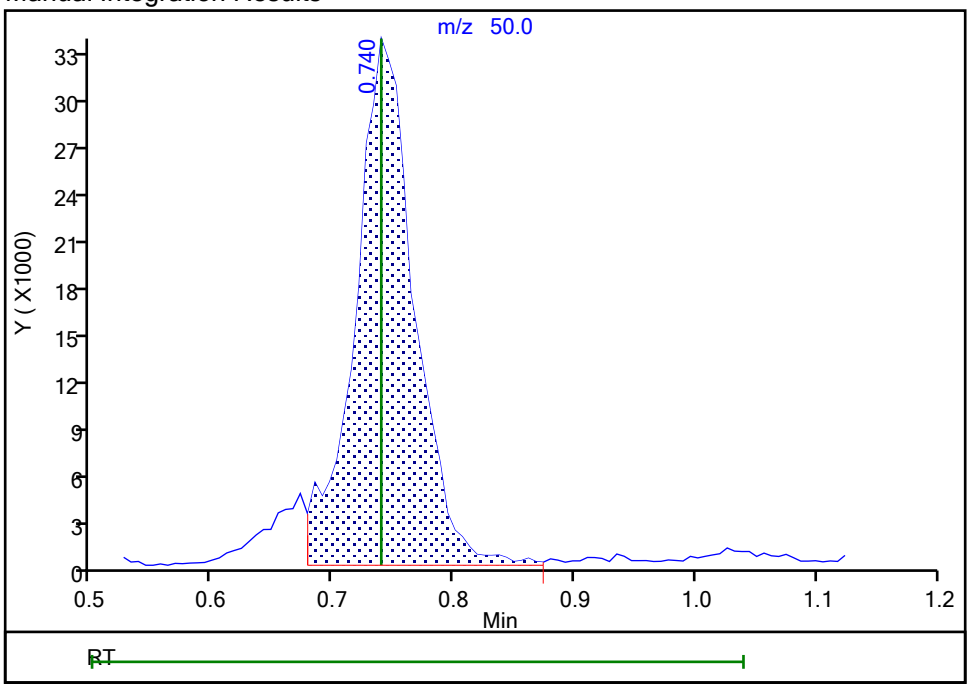
Processing Integration Results

RT: 0.74
Area: 126348
Amount: 21.668507
Amount Units: ug/l



Manual Integration Results

RT: 0.74
Area: 116243
Amount: 19.935513
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 10:56:44
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

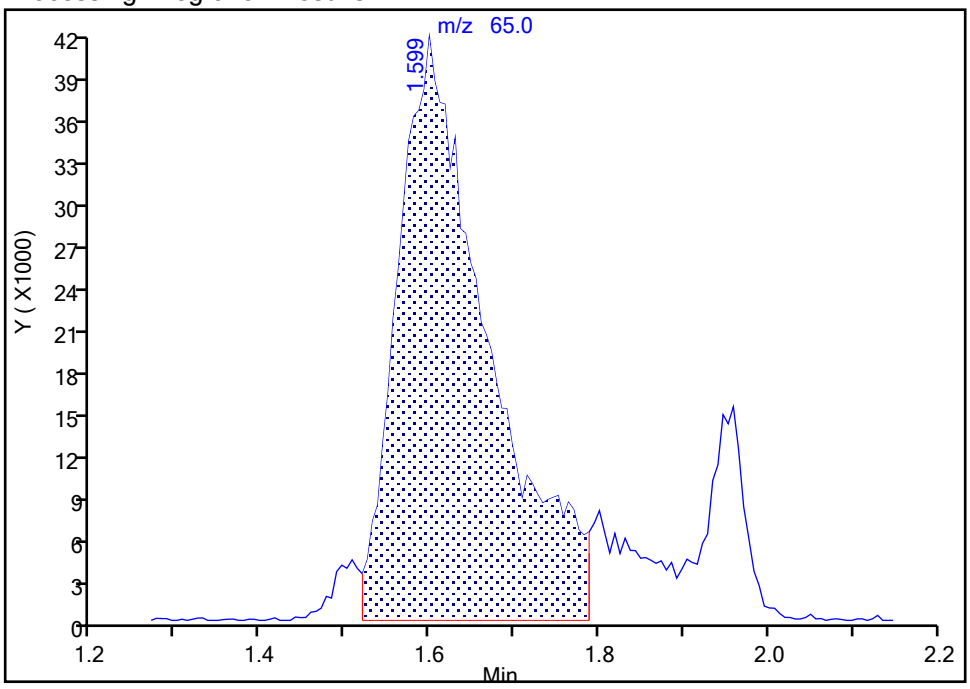
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71677.D
Injection Date: 03-May-2021 19:09:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

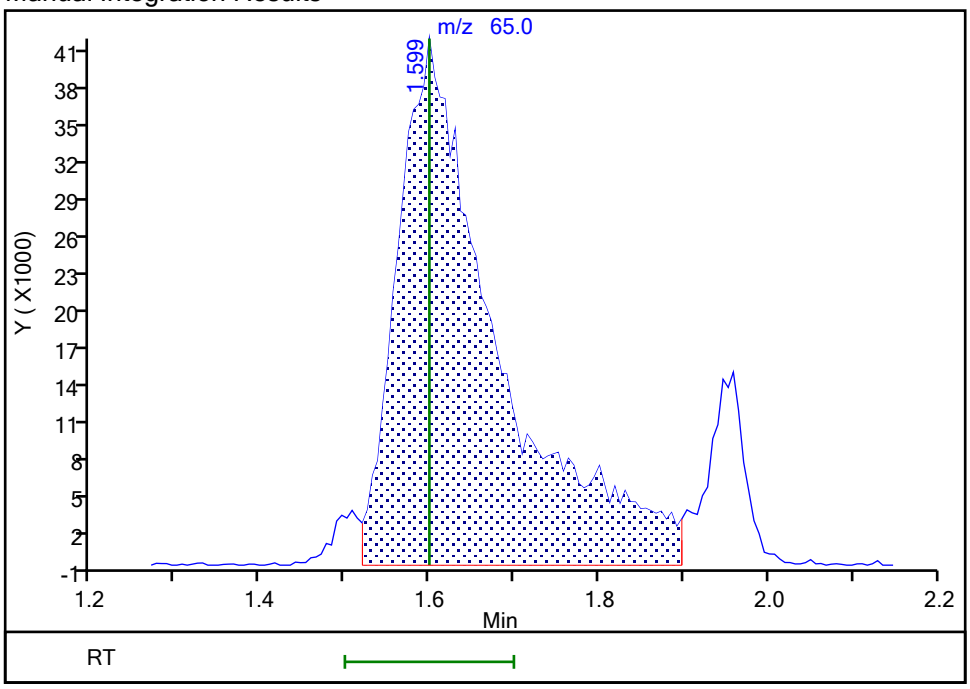
Processing Integration Results

RT: 1.60
Area: 305514
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.60
Area: 337704
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 10:56:30
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-775506/4

Matrix: Solid Lab File ID: B71678.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2021 19:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0175		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0180		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0179		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0176		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0169		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0197		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0184		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0180		0.0010	0.00036
95-63-6	1,2,4-Trimethylbenzene	0.0179		0.0010	0.00025
96-12-8	1,2-Dibromo-3-Chloropropane	0.0217		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0176		0.0010	0.00036
107-06-2	1,2-Dichloroethane	0.0168		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0174		0.0010	0.00042
108-67-8	1,3,5-Trimethylbenzene	0.0181		0.0010	0.00031
541-73-1	1,3-Dichlorobenzene	0.0176		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0177		0.0010	0.00023
78-93-3	2-Butanone (MEK)	0.103		0.0050	0.00037
591-78-6	2-Hexanone	0.0831		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0819		0.0050	0.0016
67-64-1	Acetone	0.0900		0.0060	0.0057
71-43-2	Benzene	0.0185		0.0010	0.00026
75-25-2	Bromoform	0.0158		0.0010	0.00043
74-83-9	Bromomethane	0.0192		0.0020	0.0010
75-15-0	Carbon disulfide	0.0180		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0171		0.0010	0.00039
108-90-7	Chlorobenzene	0.0184		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0201		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0183		0.0010	0.00019
75-00-3	Chloroethane	0.0169		0.0010	0.00052
67-66-3	Chloroform	0.0179		0.0010	0.00097
74-87-3	Chloromethane	0.0169		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0197		0.0010	0.00036
10061-01-5	cis-1,3-Dichloropropene	0.0189		0.0010	0.00027
110-82-7	Cyclohexane	0.0181		0.0010	0.00022
75-27-4	Dichlorobromomethane	0.0180		0.0010	0.00026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-775506/4

Matrix: Solid Lab File ID: B71678.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2021 19:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 775506 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.0152		0.0010	0.00034
100-41-4	Ethylbenzene	0.0185		0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0187		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0182		0.0010	0.00029
79-20-9	Methyl acetate	0.0350		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0164		0.0010	0.00051
108-87-2	Methylcyclohexane	0.0179		0.0010	0.00050
75-09-2	Methylene Chloride	0.0201		0.0020	0.0011
179601-23-1	m-Xylene & p-Xylene	0.0191		0.0010	0.00017
104-51-8	n-Butylbenzene	0.0170		0.0010	0.00029
103-65-1	N-Propylbenzene	0.0179		0.0010	0.00018
95-47-6	o-Xylene	0.0186		0.0010	0.00019
135-98-8	sec-Butylbenzene	0.0183		0.0010	0.00029
100-42-5	Styrene	0.0179		0.0010	0.00028
98-06-6	tert-Butylbenzene	0.0191		0.0010	0.00028
127-18-4	Tetrachloroethene	0.0175		0.0010	0.00031
108-88-3	Toluene	0.0186		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0189		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0180		0.0010	0.00027
79-01-6	Trichloroethene	0.0188		0.0010	0.00032
75-69-4	Trichlorofluoromethane	0.0176		0.0010	0.00041
75-01-4	Vinyl chloride	0.0185		0.0010	0.00055
1330-20-7	Xylenes, Total	0.0377		0.0020	0.00064

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		77-145
460-00-4	4-Bromofluorobenzene	94		70-139
1868-53-7	Dibromofluoromethane (Surr)	106		48-150
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71678.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 03-May-2021 19:47:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0127997-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2021 11:01:01 Calib Date: 11-Mar-2021 12:03:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20210311-125263.b\B69798.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: parekhv Date: 03-May-2021 20:35:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.672	0.660	0.012	67	102167	20.0	15.2	
4 Chlorodifluoromethane	67	0.672	0.666	0.006	97	12999	20.0	15.2	
5 Chloromethane	50	0.752	0.740	0.012	98	107978	20.0	16.9	
6 Butadiene	54	0.770	0.764	0.006	89	72801	20.0	17.2	
7 Vinyl chloride	62	0.788	0.782	0.006	97	85299	20.0	18.5	
8 Bromomethane	94	0.910	0.898	0.012	99	67456	20.0	19.2	
9 Chloroethane	64	0.922	0.922	0.000	98	43843	20.0	16.9	M
10 Dichlorofluoromethane	67	1.038	1.026	0.012	88	114738	20.0	17.2	
12 Pentane	72	1.075	1.050	0.025	96	20040	40.0	36.8	
11 Trichlorofluoromethane	101	1.057	1.050	0.006	68	111844	20.0	17.6	
14 Ethanol	46	1.166	1.148	0.018	58	1520	800.0	231.5	
13 Ethyl ether	59	1.166	1.160	0.006	94	40829	20.0	17.8	
15 2-Methyl-1,3-butadiene	53	1.178	1.166	0.012	83	47493	20.0	15.5	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.185	1.179	0.007	89	70330	20.0	20.3	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.221	1.215	0.006	76	106983	20.0	20.3	a
18 Acrolein	56	1.233	1.215	0.018	96	84798	300.0	227.6	
19 1,1-Dichloroethene	96	1.276	1.264	0.012	95	64953	20.0	19.7	
20 112TCTFE	101	1.300	1.288	0.012	81	67986	20.0	17.9	a
21 Acetone	43	1.313	1.300	0.013	88	66962	100.0	90.0	
22 Iodomethane	142	1.355	1.343	0.012	96	132688	20.0	19.3	
23 Carbon disulfide	76	1.386	1.374	0.012	98	213667	20.0	18.0	
24 Isopropyl alcohol	45	1.422	1.410	0.012	24	30604	200.0	160.2	Ma
25 3-Chloro-1-propene	39	1.465	1.459	0.006	94	62601	20.0	15.1	
26 Methyl acetate	43	1.489	1.483	0.006	98	73714	40.0	35.0	
27 Acetonitrile	39	1.514	1.496	0.018	26	22882	200.0	91.2	a
28 Methylene Chloride	84	1.538	1.532	0.006	83	72033	20.0	20.1	
* 29 TBA-d9 (IS)	65	1.611	1.599	0.012	0	286427	1000.0	1000.0	M
30 2-Methyl-2-propanol	59	1.660	1.666	-0.006	37	59153	200.0	167.0	a
31 Acrylonitrile	53	1.684	1.678	0.006	96	177828	200.0	142.7	
32 trans-1,2-Dichloroethene	96	1.697	1.691	0.006	89	69321	20.0	18.9	
33 Methyl tert-butyl ether	73	1.709	1.709	0.000	96	155581	20.0	16.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Hexane	57	1.880	1.867	0.013	90	85791	20.0	16.5	
35 1,1-Dichloroethane	63	1.965	1.953	0.012	99	108321	20.0	16.9	
37 2-Chloro-1,3-butadiene	88	2.026	2.014	0.012	65	62595	20.0	19.9	
36 Vinyl acetate	86	2.026	2.020	0.006	100	21451	40.0	47.3	
38 Isopropyl ether	45	2.044	2.044	0.000	88	173688	20.0	15.9	
39 Tert-butyl ethyl ether	87	2.312	2.306	0.006	88	75224	20.0	19.2	
* 40 2-Butanone-d5	46	2.373	2.367	0.006	0	241332	250.0	250.0	
41 cis-1,2-Dichloroethene	96	2.386	2.379	0.007	98	75490	20.0	19.7	
42 2,2-Dichloropropane	79	2.398	2.392	0.006	77	31014	20.0	17.8	
43 2-Butanone (MEK)	72	2.428	2.410	0.018	96	34724	100.0	102.7	
44 Propionitrile	54	2.459	2.453	0.006	98	66506	200.0	207.3	
45 Ethyl acetate	70	2.489	2.495	-0.006	99	10958	40.0	47.9	
62 Methyl acrylate	55	2.501	2.495	0.006	64	56264	20.0	17.8	
46 Chlorobromomethane	128	2.575	2.568	0.006	74	39762	20.0	20.1	
47 Methacrylonitrile	67	2.581	2.575	0.006	87	230580	200.0	204.9	
48 Tetrahydrofuran	72	2.629	2.617	0.012	77	14433	40.0	38.7	
49 Chloroform	83	2.666	2.654	0.012	98	111388	20.0	17.9	
$ 50 Dibromofluoromethane (Surr)	113	2.794	2.794	0.000	98	166979	50.0	53.1	
51 1,1,1-Trichloroethane	97	2.794	2.794	0.000	59	100889	20.0	17.5	
52 Cyclohexane	84	2.843	2.837	0.006	87	101378	20.0	18.1	
54 1,1-Dichloropropene	75	2.952	2.940	0.012	96	85057	20.0	17.8	
53 Carbon tetrachloride	117	2.946	2.940	0.006	86	87165	20.0	17.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.087	3.087	0.000	0	149380	50.0	46.0	
56 Benzene	78	3.135	3.123	0.012	95	252340	20.0	18.5	
57 1,2-Dichloroethane	62	3.160	3.148	0.012	96	73023	20.0	16.8	
58 Isobutyl alcohol	42	3.215	3.221	-0.006	57	30965	500.0	426.4	a
59 Tert-amyl methyl ether	73	3.306	3.300	0.006	93	194784	20.0	18.7	
73 Isopropyl acetate	43	3.312	3.306	0.006	95	228757	20.0	17.4	
* 60 Fluorobenzene	96	3.428	3.428	0.000	99	553432	50.0	50.0	
61 n-Heptane	43	3.483	3.471	0.012	91	90010	20.0	14.3	
63 Trichloroethene	95	3.830	3.824	0.006	98	67388	20.0	18.8	
64 n-Butanol	43	3.983	3.971	0.012	88	6288	500.0	281.8	a
65 Methylcyclohexane	83	4.038	4.032	0.006	93	116828	20.0	17.9	
66 Ethyl acrylate	55	4.050	4.050	0.000	95	141586	20.0	16.7	
67 1,2-Dichloropropane	63	4.074	4.074	0.000	93	60464	20.0	17.4	
68 Dibromomethane	93	4.221	4.202	0.019	49	36792	20.0	18.1	
* 69 1,4-Dioxane-d8	96	4.257	4.245	0.012	0	22637	1000.0	1000.0	
70 1,4-Dioxane	88	4.306	4.300	0.006	30	11038	400.0	418.9	a
71 Methyl methacrylate	100	4.349	4.336	0.013	95	30688	40.0	43.3	
72 Dichlorobromomethane	83	4.458	4.452	0.006	98	79977	20.0	18.0	
81 n-Propyl acetate	43	4.452	4.452	0.000	79	60499	20.0	15.4	
74 2-Nitropropane	41	4.775	4.763	0.012	96	21774	40.0	33.8	
75 2-Chloroethyl vinyl ether	63	4.940	4.934	0.006	56	8004	20.0	31.2	
76 Epichlorohydrin	57	4.970	4.977	-0.007	99	85813	400.0	598.0	
77 cis-1,3-Dichloropropene	75	5.074	5.068	0.006	90	94363	20.0	18.9	
78 4-Methyl-2-pentanone (MIBK)	43	5.367	5.367	0.000	94	227887	100.0	81.9	a
$ 79 Toluene-d8 (Surr)	98	5.428	5.422	0.006	98	599788	50.0	51.1	
80 Toluene	91	5.525	5.513	0.012	92	273427	20.0	18.6	
82 trans-1,3-Dichloropropene	75	5.952	5.946	0.006	95	78698	20.0	18.0	
83 1,1,2-Trichloroethane	83	6.202	6.208	-0.006	94	41021	20.0	17.6	
84 Ethyl methacrylate	69	6.220	6.220	0.000	93	63631	20.0	18.2	
85 Tetrachloroethene	166	6.360	6.354	0.006	97	73402	20.0	17.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	6.458	6.452	0.006	91	80998	20.0	17.2	
87 2-Hexanone	43	6.738	6.738	0.000	94	151249	100.0	83.1	
88 Chlorodibromomethane	129	6.818	6.812	0.006	97	59779	20.0	18.3	
89 Ethylene Dibromide	107	6.921	6.915	0.006	98	52779	20.0	18.7	
90 n-Butyl acetate	73	7.074	7.074	0.000	99	13732	20.0	19.6	
* 91 Chlorobenzene-d5	117	7.811	7.805	0.006	84	441928	50.0	50.0	
92 Chlorobenzene	112	7.860	7.854	0.006	98	175079	20.0	18.4	
93 1,1,1,2-Tetrachloroethane	131	8.080	8.074	0.007	96	64533	20.0	17.9	
94 Ethylbenzene	106	8.165	8.159	0.006	97	96229	20.0	18.5	
95 m-Xylene & p-Xylene	106	8.409	8.403	0.006	99	118859	20.0	19.1	
96 o-Xylene	106	9.140	9.134	0.006	94	115696	20.0	18.6	
97 Styrene	104	9.183	9.183	0.000	97	184031	20.0	17.9	
98 n-Butyl acrylate	73	9.372	9.366	0.006	97	41209	20.0	20.7	
99 Bromoform	173	9.427	9.421	0.006	98	37571	20.0	15.8	
101 Amyl acetate (mixed isomers)	43	9.847	9.848	-0.001	93	79566	20.0	16.7	
102 Isopropylbenzene	105	9.878	9.878	0.000	95	307594	20.0	18.2	
$ 103 4-Bromofluorobenzene	174	10.085	10.085	0.000	96	193959	50.0	47.1	
104 Bromobenzene	156	10.256	10.256	0.000	94	79949	20.0	18.3	
105 1,2,3-Trichloropropane	110	10.481	10.475	0.006	97	19653	20.0	17.2	
106 1,1,2,2-Tetrachloroethane	83	10.500	10.500	0.000	98	69955	20.0	18.0	
107 trans-1,4-Dichloro-2-butene	53	10.597	10.603	-0.006	92	16376	20.0	17.6	
108 N-Propylbenzene	120	10.628	10.628	0.000	100	85732	20.0	17.9	
109 2-Chlorotoluene	126	10.664	10.671	-0.007	96	78447	20.0	18.5	
110 4-Ethyltoluene	105	10.847	10.847	0.000	98	300279	20.0	18.3	
111 4-Chlorotoluene	91	10.878	10.878	0.000	97	241793	20.0	17.1	
112 1,3,5-Trimethylbenzene	105	10.975	10.981	-0.006	94	258460	20.0	18.1	
100 Butyl Methacrylate	87	11.353	11.353	0.000	95	75620	20.0	17.8	
113 tert-Butylbenzene	119	11.506	11.506	0.000	96	221298	20.0	19.1	
114 1,2,4-Trimethylbenzene	105	11.597	11.597	0.000	96	261838	20.0	17.9	
115 sec-Butylbenzene	105	11.908	11.908	0.000	99	344563	20.0	18.3	
116 1,3-Dichlorobenzene	146	11.975	11.975	0.000	98	154616	20.0	17.6	
* 117 1,4-Dichlorobenzene-d4	152	12.128	12.128	0.000	93	264613	50.0	50.0	
118 1,4-Dichlorobenzene	146	12.176	12.170	0.006	97	157543	20.0	17.7	
119 4-Isopropyltoluene	119	12.249	12.250	-0.001	98	296349	20.0	18.0	
120 1,2,3-Trimethylbenzene	105	12.359	12.353	0.006	97	282791	20.0	18.9	
121 Benzyl chloride	126	12.518	12.518	0.000	99	28152	20.0	24.1	
122 2,3-Dihydroindene	117	12.676	12.676	0.000	94	271077	20.0	18.7	
123 1,2-Dichlorobenzene	146	12.835	12.835	0.000	97	149715	20.0	17.6	
124 p-Diethylbenzene	119	12.944	12.945	0.000	94	162294	20.0	18.4	a
125 n-Butylbenzene	92	12.969	12.969	0.000	97	158631	20.0	17.0	
126 1,2-Dibromo-3-Chloropropane	157	13.688	13.688	0.000	91	18240	20.0	21.7	
127 1,2,4,5-Tetramethylbenzene	119	13.719	13.719	0.000	98	295136	20.0	19.3	
128 1,3,5-Trichlorobenzene	180	13.859	13.859	0.000	97	134033	20.0	17.5	
129 1,2,4-Trichlorobenzene	180	14.304	14.304	0.000	93	125331	20.0	18.0	
130 Hexachlorobutadiene	225	14.444	14.444	0.000	97	57113	20.0	14.5	
131 Naphthalene	128	14.450	14.450	0.000	99	309122	20.0	22.4	
132 1,2,3-Trichlorobenzene	180	14.609	14.609	0.000	96	122839	20.0	18.4	
S 133 1,2-Dichloroethene, Total	100				0		40.0	38.7	
S 134 1,3-Dichloropropene, Total	100				0		40.0	37.0	
S 135 Xylenes, Total	100				0		40.0	37.7	
S 136 Total BTEX	1				0		100.0	93.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00418	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00136	Amount Added:	2.00	Units: uL	
524freon_00036	Amount Added:	2.00	Units: uL	
ACROLEIN W_00123	Amount Added:	3.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

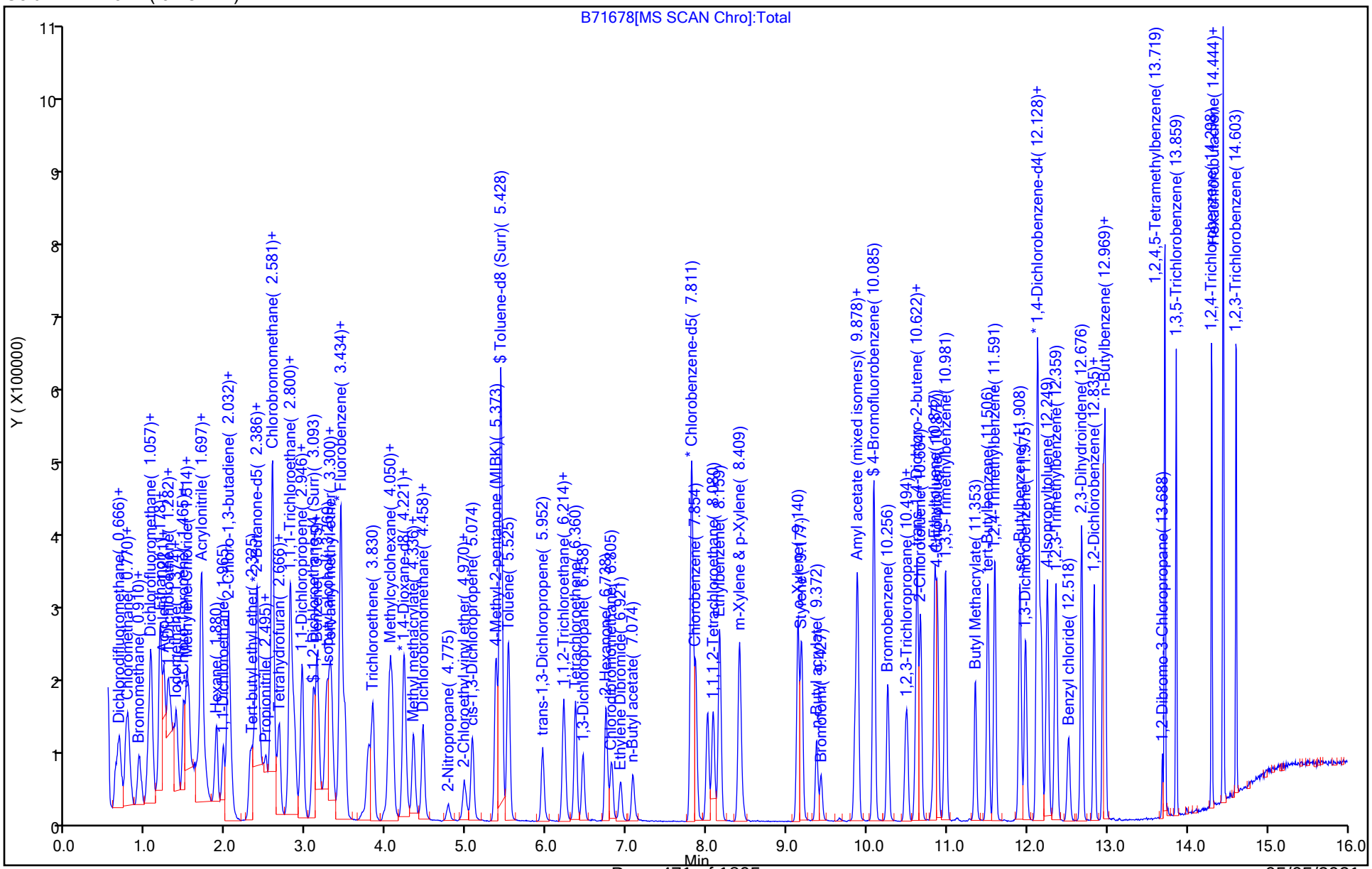
Report Date: 04-May-2021 11:01:03 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71678.D

Injection Date:	03-May-2021 19:47:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

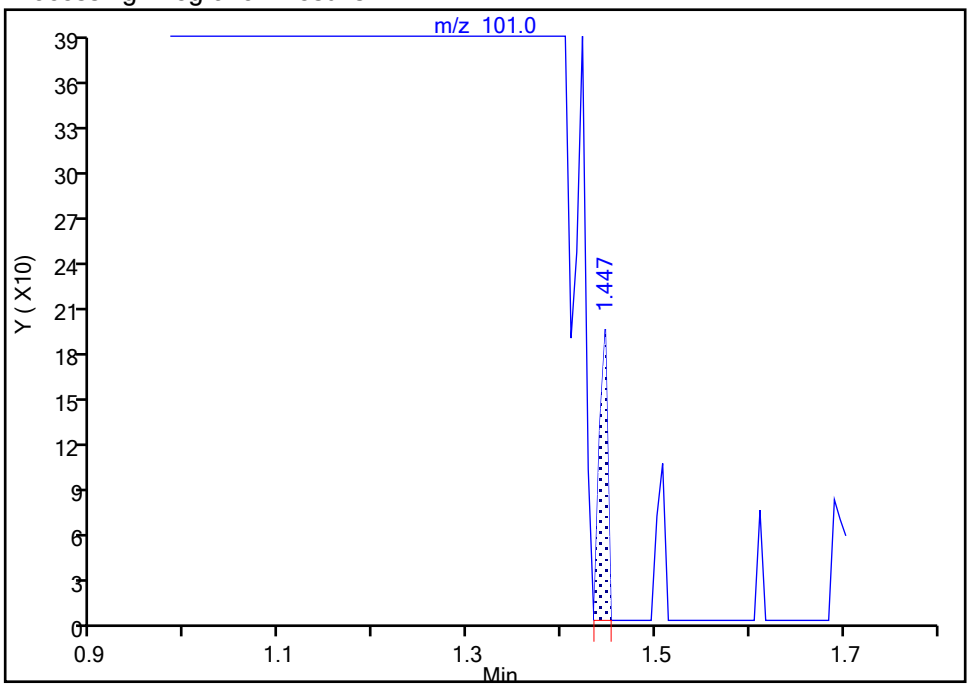
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71678.D
Injection Date: 03-May-2021 19:47:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

20 112TCTFE, CAS: 76-13-1

Signal: 1

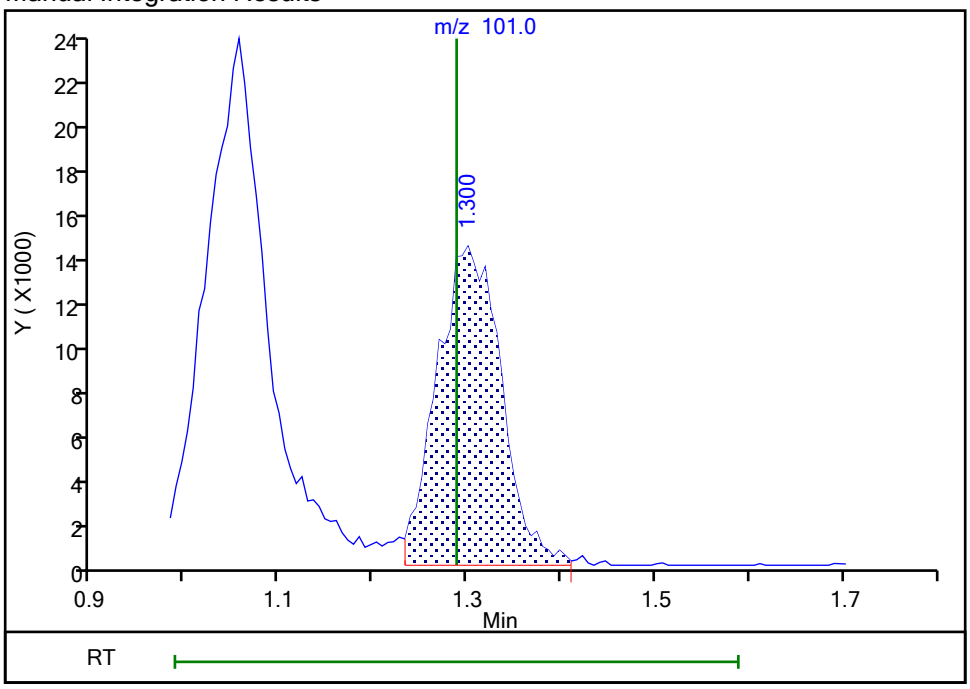
Processing Integration Results

RT: 1.45
Area: 117
Amount: 0.030765
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 67986
Amount: 17.876660
Amount Units: ug/l



Reviewer: parekhv, 03-May-2021 20:33:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

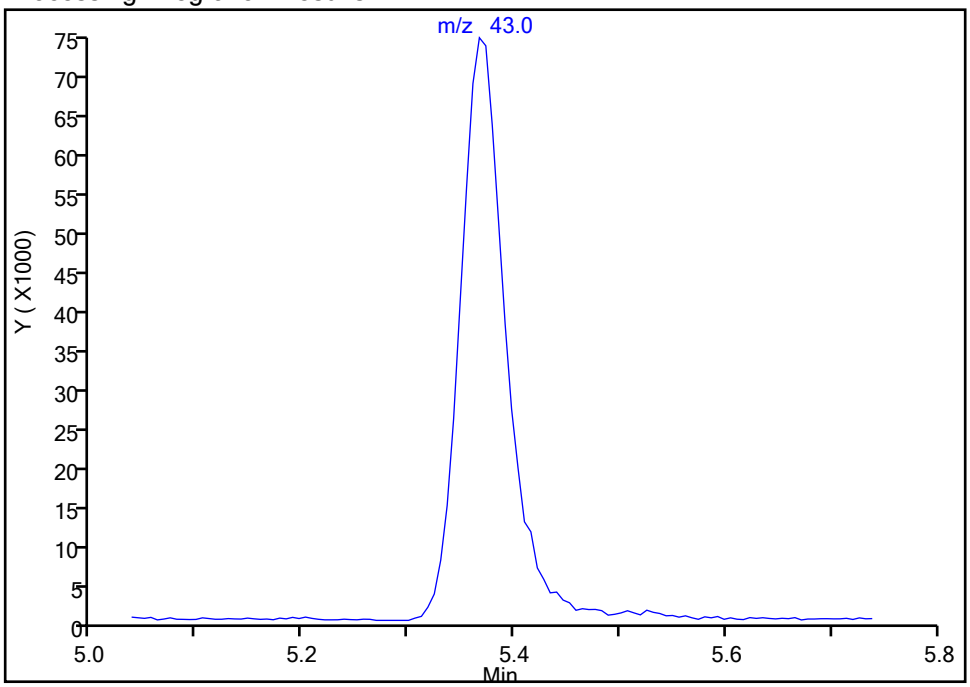
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71678.D
Injection Date: 03-May-2021 19:47:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

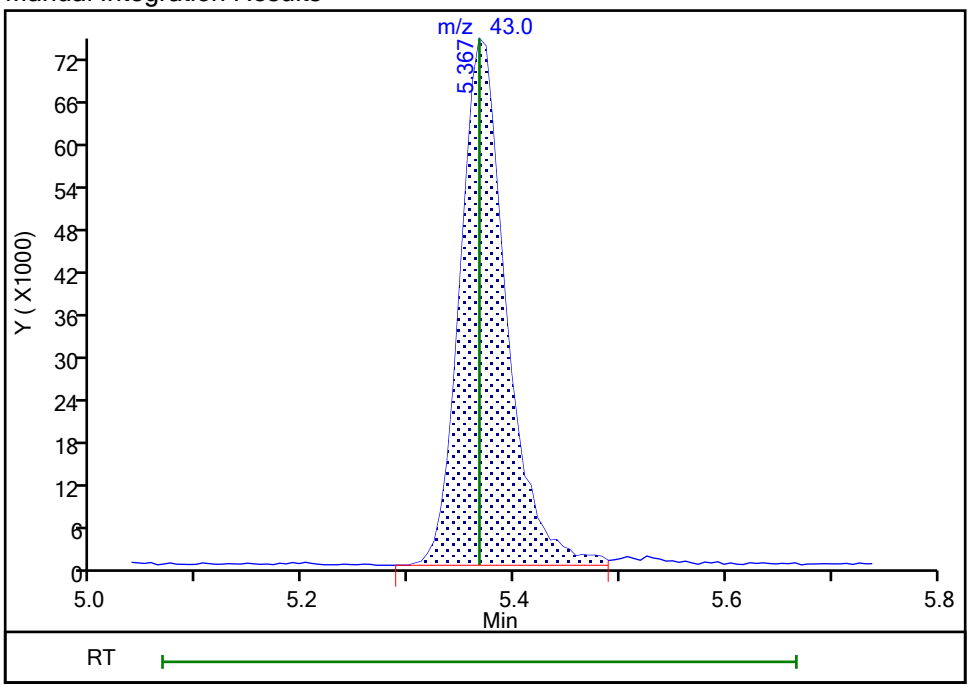
Not Detected
Expected RT: 5.37

Processing Integration Results



Manual Integration Results

RT: 5.37
Area: 227887
Amount: 81.863324
Amount Units: ug/l



Reviewer: parekhv, 03-May-2021 20:33:50
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

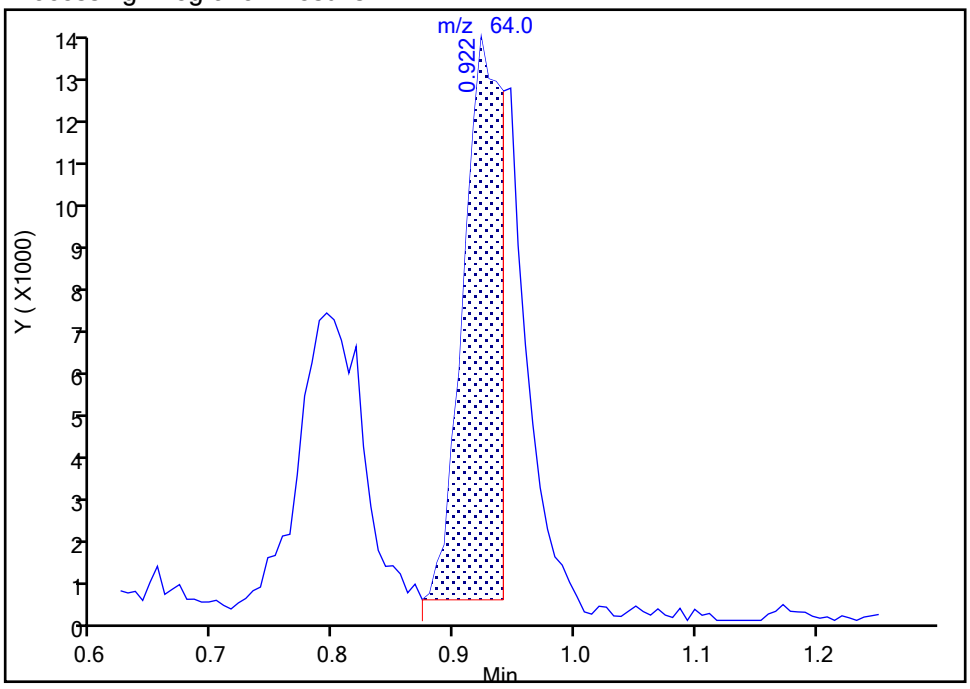
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71678.D
Injection Date: 03-May-2021 19:47:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Chloroethane, CAS: 75-00-3

Signal: 1

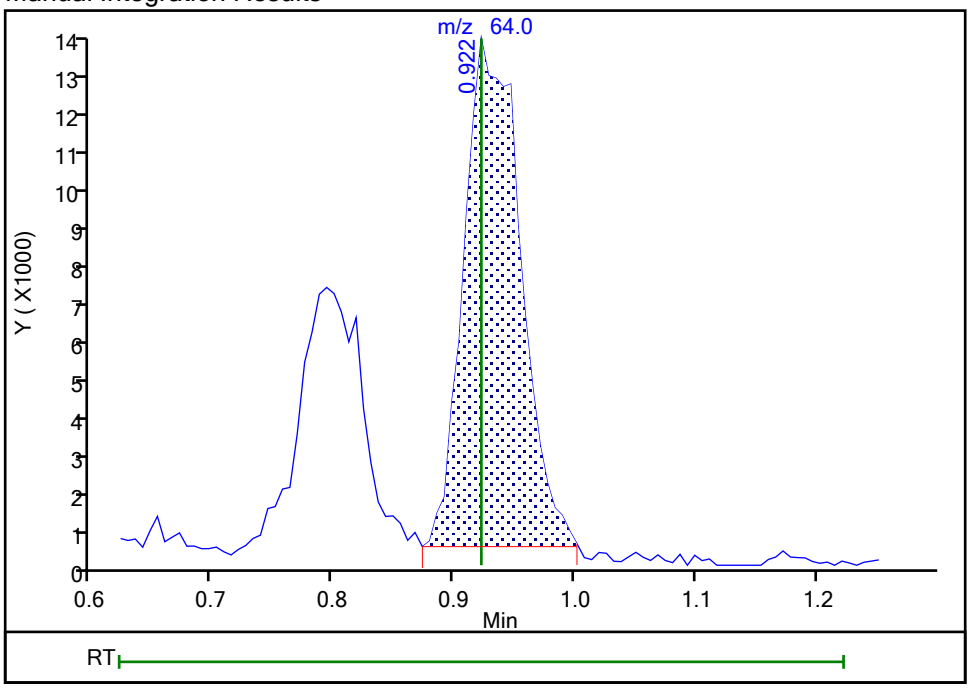
Processing Integration Results

RT: 0.92
Area: 30068
Amount: 11.576651
Amount Units: ug/l



Manual Integration Results

RT: 0.92
Area: 43843
Amount: 16.880242
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 10:58:53
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

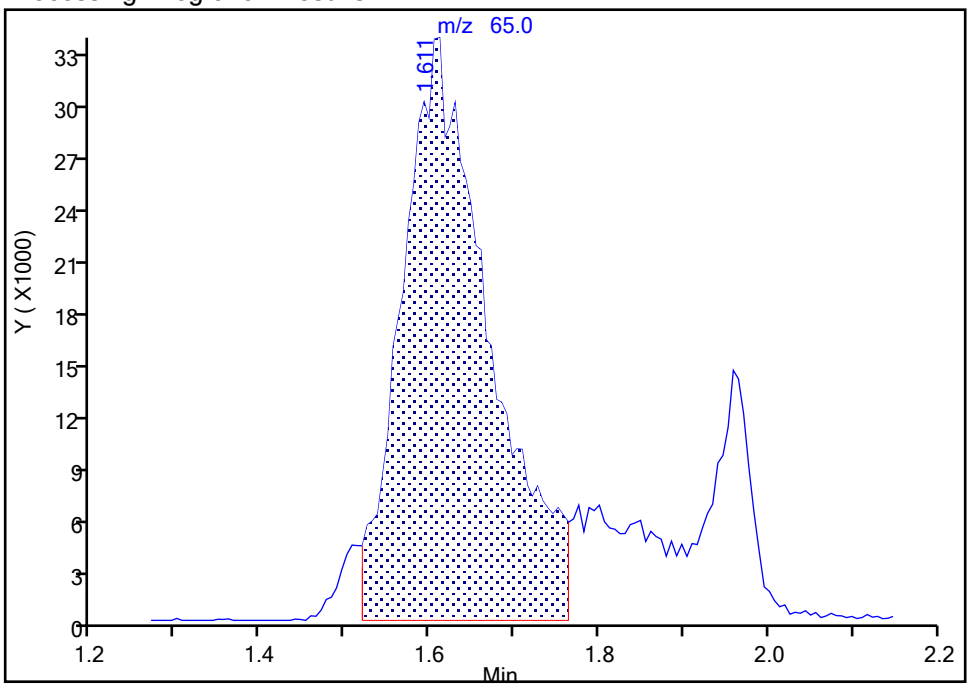
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20210503-127997.b\B71678.D
Injection Date: 03-May-2021 19:47:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 29 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

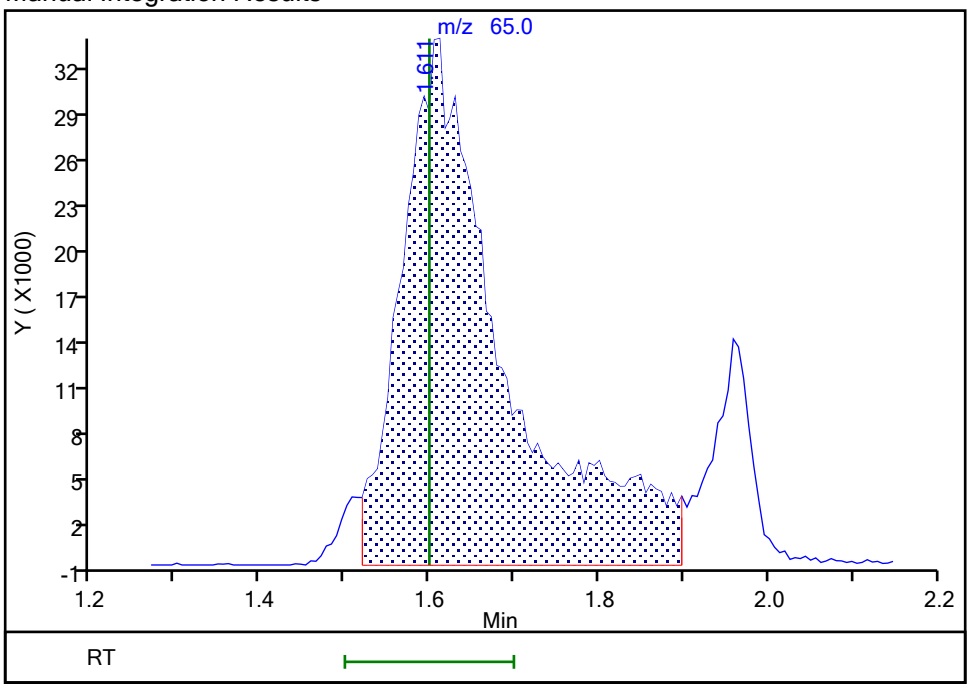
Processing Integration Results

RT: 1.61
Area: 243292
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 1.61
Area: 286427
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 04-May-2021 10:58:34
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 03/11/2021 08:42

Analysis Batch Number: 763993 End Date: 03/11/2021 15:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-763993/1		03/11/2021 08:42	1	B69790.D	DB-624 0.18(mm)
STD1 460-763993/4 IC		03/11/2021 09:56	1	B69793.D	DB-624 0.18(mm)
STD5 460-763993/5 IC		03/11/2021 10:21	1	B69794.D	DB-624 0.18(mm)
STD20 460-763993/6 ICIS		03/11/2021 10:46	1	B69795.D	DB-624 0.18(mm)
STD50 460-763993/7 IC		03/11/2021 11:12	1	B69796.D	DB-624 0.18(mm)
STD200 460-763993/8 IC		03/11/2021 11:37	1	B69797.D	DB-624 0.18(mm)
STD500 460-763993/9 IC		03/11/2021 12:03	1	B69798.D	DB-624 0.18(mm)
ICV 460-763993/16		03/11/2021 15:01	1	B69805.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 05/03/2021 18:25

Analysis Batch Number: 775506 End Date: 05/04/2021 05:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-775506/1		05/03/2021 18:25	1	B71675.D	DB-624 0.18(mm)
CCVIS 460-775506/2		05/03/2021 18:44	1	B71676.D	DB-624 0.18(mm)
LCS 460-775506/3		05/03/2021 19:09	1	B71677.D	DB-624 0.18(mm)
LCSD 460-775506/4		05/03/2021 19:47	1	B71678.D	DB-624 0.18(mm)
MB 460-775506/7		05/03/2021 21:02	1	B71681.D	DB-624 0.18(mm)
ZZZZZ		05/03/2021 21:27	1		DB-624 0.18(mm)
ZZZZZ		05/03/2021 21:51	1		DB-624 0.18(mm)
ZZZZZ		05/03/2021 22:15	1		DB-624 0.18(mm)
ZZZZZ		05/03/2021 22:41	1		DB-624 0.18(mm)
ZZZZZ		05/03/2021 23:07	1		DB-624 0.18(mm)
ZZZZZ		05/03/2021 23:52	1		DB-624 0.18(mm)
LB3 460-774864/1-A		05/04/2021 00:18	1	B71688.D	DB-624 0.18(mm)
460-233141-1	SB-03_0-2_20210428	05/04/2021 00:44	1	B71689.D	DB-624 0.18(mm)
460-233141-2	SB-03_7-9_20210428	05/04/2021 01:09	1	B71690.D	DB-624 0.18(mm)
460-233141-3	SB-04_0-2_20210428	05/04/2021 01:35	1	B71691.D	DB-624 0.18(mm)
460-233141-4	SB-04_4-6_20210428	05/04/2021 02:00	1	B71692.D	DB-624 0.18(mm)
ZZZZZ		05/04/2021 02:25	1		DB-624 0.18(mm)
ZZZZZ		05/04/2021 02:53	1		DB-624 0.18(mm)
ZZZZZ		05/04/2021 03:18	1		DB-624 0.18(mm)
ZZZZZ		05/04/2021 03:43	1		DB-624 0.18(mm)
ZZZZZ		05/04/2021 04:08	1		DB-624 0.18(mm)
ZZZZZ		05/04/2021 04:34	1		DB-624 0.18(mm)
ZZZZZ		05/04/2021 04:59	1		DB-624 0.18(mm)
ZZZZZ		05/04/2021 05:24	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Batch Number: 774864 Batch Start Date: 04/29/21 16:28 Batch Analyst: Gao, Yong X

Batch Method: 5035 Batch End Date: 04/29/21 17:08

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-774864/1		5035, 8260D		5 g	5 mL				
460-233141-B-1	SB-03_0-2_20210428	5035, 8260D	T	5.51 g	5 mL				
460-233141-B-2	SB-03_7-9_20210428	5035, 8260D	T	5.52 g	5 mL				
460-233141-B-3	SB-04_0-2_20210428	5035, 8260D	T	4.61 g	5 mL				
460-233141-B-4	SB-04_4-6_20210428	5035, 8260D	T	5.10 g	5 mL				

Batch Notes	
Balance ID	35
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	7
Vial Lot Number	0204201G

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Batch Number: 775506 Batch Start Date: 05/03/21 18:25 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00036	8260ISNEW 00119	8260MIX1COMB 00136	8260SURR250 00217
BFB 460-775506/1		8260D		5 mL	5 mL				
CCVIS 460-775506/2		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-775506/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-775506/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-775506/7		8260D		5 mL	5 mL		1 uL		1 uL
LB3 460-774864/1-A		8260D		5 mL	5 mL		1 uL		1 uL
460-233141-B-1-A	SB-03_0-2_20210428	8260D	T	5 mL	5 mL		1 uL		1 uL
460-233141-B-2-A	SB-03_7-9_20210428	8260D	T	5 mL	5 mL		1 uL		1 uL
460-233141-B-3-A	SB-04_0-2_20210428	8260D	T	5 mL	5 mL		1 uL		1 uL
460-233141-B-4-A	SB-04_4-6_20210428	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00123	BFB 00029	GASES Li 00418			
BFB 460-775506/1		8260D			1 uL				
CCVIS 460-775506/2		8260D		3 uL		2 uL			
LCS 460-775506/3		8260D		3 uL		2 uL			
LCSD 460-775506/4		8260D		3 uL		2 uL			
MB 460-775506/7		8260D							
LB3 460-774864/1-A		8260D							
460-233141-B-1-A	SB-03_0-2_20210428	8260D	T						
460-233141-B-2-A	SB-03_7-9_20210428	8260D	T						
460-233141-B-3-A	SB-04_0-2_20210428	8260D	T						
460-233141-B-4-A	SB-04_4-6_20210428	8260D	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Batch Number: 775506 Batch Start Date: 05/03/21 18:25 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
SB-03_0-2_20210428	460-233141-1	68	67	88
SB-03_7-9_20210428	460-233141-2	67	67	86
SB-04_0-2_20210428	460-233141-3	60	60	76
SB-04_4-6_20210428	460-233141-4	74	68	89
	MB 460-774905/1-A	74	65	80
	LCS 460-774905/2-A	72	67	75
	LCSD 460-774905/3-A	72	66	76

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	11-104
FBP = 2-Fluorobiphenyl	14-103
TPHL = Terphenyl-d14 (Surr)	12-126

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L343125.d

Lab ID: LCS 460-774905/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	2.67	2.41	90	63-107	
1,2-Dichlorobenzene	2.67	2.32	87	60-100	
1,3-Dichlorobenzene	2.67	2.22	83	59-99	
1,4-Dichlorobenzene	2.67	2.32	87	60-100	
2,2'-oxybis[1-chloropropane]	2.67	2.23	84	49-109	
2,4-Dinitrotoluene	2.67	2.79	105	65-124	
2,6-Dinitrotoluene	2.67	3.04	114	67-121	
2-Chloronaphthalene	2.67	2.34	88	65-109	
2-Methylnaphthalene	2.67	2.25	85	64-108	
2-Nitroaniline	2.67	2.60	97	59-119	
3,3'-Dichlorobenzidine	2.67	1.35	51	17-101	
3-Nitroaniline	2.67	2.28	86	31-102	
4-Bromophenyl phenyl ether	2.67	2.24	84	67-113	
4-Chloroaniline	2.67	1.64	62	20-98	
4-Chlorophenyl phenyl ether	2.67	2.35	88	66-110	
4-Nitroaniline	2.67	2.45	92	50-110	
Acenaphthene	2.67	2.00	75	53-110	
Acenaphthylene	2.67	2.25	84	64-108	
Anthracene	2.67	2.26	85	67-114	
Benzo[a]anthracene	2.67	2.08	78	67-115	
Benzo[a]pyrene	2.67	2.66	100	73-123	
Benzo[b]fluoranthene	2.67	2.38	89	70-125	
Benzo[g,h,i]perylene	2.67	2.15	81	61-113	
Benzo[k]fluoranthene	2.67	2.71	102	67-115	
Bis(2-chloroethoxy)methane	2.67	2.18	82	62-107	
Bis(2-chloroethyl)ether	2.67	2.42	91	60-107	
Bis(2-ethylhexyl) phthalate	2.67	2.20	83	59-111	
Butyl benzyl phthalate	2.67	2.28	85	62-113	
Carbazole	2.67	2.06	77	64-113	
Chrysene	2.67	2.23	84	71-122	
Dibenz(a,h)anthracene	2.67	2.36	88	66-119	
Dibenzofuran	2.67	2.27	85	65-108	
Diethyl phthalate	2.67	2.22	83	63-109	
Dimethyl phthalate	2.67	2.31	87	65-109	
Di-n-butyl phthalate	2.67	2.12	79	66-114	
Di-n-octyl phthalate	2.67	2.60	97	65-122	
Fluoranthene	2.67	2.13	80	61-106	
Fluorene	2.67	2.22	83	65-109	
Hexachlorobenzene	2.67	2.35	88	61-113	
Hexachlorobutadiene	2.67	2.65	99	62-109	
Hexachlorocyclopentadiene	2.67	2.21	83	42-118	
Hexachloroethane	2.67	2.39	90	61-102	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L343125.d

Lab ID: LCS 460-774905/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	2.67	2.23	84	62-121	
Isophorone	2.67	2.31	87	63-107	
Naphthalene	2.67	2.27	85	63-106	
Nitrobenzene	2.67	2.58	97	63-110	
N-Nitrosodi-n-propylamine	2.67	2.18	82	61-108	
N-Nitrosodiphenylamine	2.67	2.15	80	67-113	
Phenanthrene	2.67	2.02	76	66-112	
Pyrene	2.67	2.24	84	61-111	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L343126.d

Lab ID: LCSD 460-774905/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	2.67	2.42	91	0	30	63-107	
1,2-Dichlorobenzene	2.67	2.39	90	3	30	60-100	
1,3-Dichlorobenzene	2.67	2.21	83	0	30	59-99	
1,4-Dichlorobenzene	2.67	2.35	88	1	30	60-100	
2,2'-oxybis[1-chloropropane]	2.67	2.24	84	0	30	49-109	
2,4-Dinitrotoluene	2.67	2.73	102	2	30	65-124	
2,6-Dinitrotoluene	2.67	3.01	113	1	30	67-121	
2-Chloronaphthalene	2.67	2.34	88	0	30	65-109	
2-Methylnaphthalene	2.67	2.25	84	0	30	64-108	
2-Nitroaniline	2.67	2.56	96	1	30	59-119	
3,3'-Dichlorobenzidine	2.67	1.37	51	1	30	17-101	
3-Nitroaniline	2.67	2.25	85	1	30	31-102	
4-Bromophenyl phenyl ether	2.67	2.22	83	1	30	67-113	
4-Chloroaniline	2.67	1.63	61	1	30	20-98	
4-Chlorophenyl phenyl ether	2.67	2.31	87	2	30	66-110	
4-Nitroaniline	2.67	2.39	90	2	30	50-110	
Acenaphthene	2.67	1.98	74	1	30	53-110	
Acenaphthylene	2.67	2.22	83	1	30	64-108	
Anthracene	2.67	2.25	84	0	30	67-114	
Benzo[a]anthracene	2.67	2.00	75	4	30	67-115	
Benzo[a]pyrene	2.67	2.65	99	1	30	73-123	
Benzo[b]fluoranthene	2.67	2.44	92	2	30	70-125	
Benzo[g,h,i]perylene	2.67	2.13	80	1	30	61-113	
Benzo[k]fluoranthene	2.67	2.61	98	4	30	67-115	
Bis(2-chloroethoxy)methane	2.67	2.20	83	1	30	62-107	
Bis(2-chloroethyl)ether	2.67	2.39	90	1	30	60-107	
Bis(2-ethylhexyl) phthalate	2.67	2.18	82	1	30	59-111	
Butyl benzyl phthalate	2.67	2.28	85	0	30	62-113	
Carbazole	2.67	2.09	78	1	30	64-113	
Chrysene	2.67	2.32	87	4	30	71-122	
Dibenz(a,h)anthracene	2.67	2.33	87	1	30	66-119	
Dibenzofuran	2.67	2.25	84	1	30	65-108	
Diethyl phthalate	2.67	2.19	82	2	30	63-109	
Dimethyl phthalate	2.67	2.27	85	2	30	65-109	
Di-n-butyl phthalate	2.67	2.12	80	0	30	66-114	
Di-n-octyl phthalate	2.67	2.64	99	2	30	65-122	
Fluoranthene	2.67	2.13	80	0	30	61-106	
Fluorene	2.67	2.23	84	1	30	65-109	
Hexachlorobenzene	2.67	2.37	89	1	30	61-113	
Hexachlorobutadiene	2.67	2.61	98	2	30	62-109	
Hexachlorocyclopentadiene	2.67	2.29	86	4	30	42-118	
Hexachloroethane	2.67	2.45	92	2	30	61-102	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L343126.d

Lab ID: LCSD 460-774905/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	2.67	2.24	84	0	30	62-121	
Isophorone	2.67	2.26	85	2	30	63-107	
Naphthalene	2.67	2.26	85	0	30	63-106	
Nitrobenzene	2.67	2.60	98	1	30	63-110	
N-Nitrosodi-n-propylamine	2.67	2.22	83	2	30	61-108	
N-Nitrosodiphenylamine	2.67	2.17	81	1	30	67-113	
Phenanthrene	2.67	2.04	77	1	30	66-112	
Pyrene	2.67	2.23	83	1	30	61-111	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab File ID: L343124.d Lab Sample ID: MB 460-774905/1-A

Matrix: Solid Date Extracted: 04/29/2021 20:42

Instrument ID: CBNAMS12 Date Analyzed: 04/30/2021 10:40

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-774905/2-A	L343125.d	04/30/2021 11:02
	LCSD 460-774905/3-A	L343126.d	04/30/2021 11:25
SB-03_7-9_20210428	460-233141-2	L343137.d	04/30/2021 15:32
SB-04_4-6_20210428	460-233141-4	L343138.d	04/30/2021 15:54
SB-03_0-2_20210428	460-233141-1	L343144.d	04/30/2021 18:09
SB-04_0-2_20210428	460-233141-3	L343145.d	04/30/2021 18:32

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab File ID: L342532.d DFTPP Injection Date: 04/04/2021

Instrument ID: CBNAMS12 DFTPP Injection Time: 12:35

Analysis Batch No.: 769375

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.6	(1.7) 1
69	Present	35.5	
70	Less than 2% of m/z 69	0.0	(0.0) 1
197	Less than 2% of m/z 198	0.0	
198	Base Peak	100.0	
199	5-9% of m/z 198	6.7	
365	Greater than 1% of Base Peak	3.4	
441	Less than 150% of m/z 443	15.2	(83.3) 3
442	Present	99.4	
443	15-24% of m/z 442	18.2	(18.3) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-769375/2	L342533.d	04/04/2021	12:49
	STD120 460-769375/3	L342534.d	04/04/2021	13:29
	STD80 460-769375/4	L342535.d	04/04/2021	13:51
	STD20 460-769375/5	L342536.d	04/04/2021	14:14
	STD10 460-769375/6	L342537.d	04/04/2021	14:36
	STD5 460-769375/7	L342538.d	04/04/2021	14:59
	STD2 460-769375/8	L342539.d	04/04/2021	15:21
	STD1 460-769375/9	L342540.d	04/04/2021	15:44
	STD05 460-769375/10	L342541.d	04/04/2021	16:07
	ICV 460-769375/11	L342542.d	04/04/2021	16:29

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Sample No.: ICIS 460-769375/2 Date Analyzed: 04/04/2021 12:49

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L342533.d Heated Purge: (Y/N) N

Calibration ID: 84475

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		113040	4.65	417824	5.86	229753	7.52
UPPER LIMIT		226080	5.15	835648	6.36	459506	8.02
LOWER LIMIT		56520	4.15	208912	5.36	114877	7.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-769375/11		128642	4.65	481546	5.85	255837	7.52

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Sample No.: ICIS 460-769375/2 Date Analyzed: 04/04/2021 12:49

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L342533.d Heated Purge: (Y/N) N

Calibration ID: 84475

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		440576	8.93	400575	11.62	439552	13.62
UPPER LIMIT		881152	9.43	801150	12.12	879104	14.12
LOWER LIMIT		220288	8.43	200288	11.12	219776	13.12
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-769375/11		455352	8.92	393423	11.61	466555	13.61

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Sample No.: CCVIS 460-775016/2 Date Analyzed: 04/30/2021 09:52

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L343122.d Heated Purge: (Y/N) N

Calibration ID: 84475

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		78091	4.52	287828	5.73	160447	7.40
UPPER LIMIT		156182	5.02	575656	6.23	320894	7.90
LOWER LIMIT		39046	4.02	143914	5.23	80224	6.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-774905/1-A		108475	4.52	412053	5.73	234542	7.40
LCS 460-774905/2-A		110729	4.52	404785	5.73	225537	7.40
LCSD 460-774905/3-A		112976	4.52	420247	5.73	233646	7.40
460-233141-2	SB-03_7-9_20210428	104729	4.52	396150	5.73	224020	7.39
460-233141-4	SB-04_4-6_20210428	96962	4.52	369068	5.73	211733	7.39
460-233141-1	SB-03_0-2_20210428	103533	4.52	391352	5.73	225049	7.39
460-233141-3	SB-04_0-2_20210428	100202	4.52	378900	5.73	216302	7.39

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Sample No.: CCVIS 460-775016/2 Date Analyzed: 04/30/2021 09:52

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L343122.d Heated Purge: (Y/N) N

Calibration ID: 84475

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		320845	8.81	284407	11.48	289829	13.45
UPPER LIMIT		641690	9.31	568814	11.98	579658	13.95
LOWER LIMIT		160423	8.31	142204	10.98	144915	12.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-774905/1-A		457349	8.80	386388	11.47	399370	13.44
LCS 460-774905/2-A		431690	8.80	349741	11.48	340433	13.44
LCSD 460-774905/3-A		439634	8.80	353475	11.47	343140	13.44
460-233141-2	SB-03_7-9_20210428	428951	8.80	326536	11.46	322403	13.43
460-233141-4	SB-04_4-6_20210428	415748	8.80	315339	11.46	306366	13.43
460-233141-1	SB-03_0-2_20210428	431766	8.80	307740	11.46	303863	13.43
460-233141-3	SB-04_0-2_20210428	412271	8.80	292377	11.46	285588	13.43

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-03_0-2_20210428 Lab Sample ID: 460-233141-1

Matrix: Solid Lab File ID: L343144.d

Analysis Method: 8270E Date Collected: 04/28/2021 08:40

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 18:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.038	U	0.038	0.0098
95-50-1	1,2-Dichlorobenzene	0.38	U	0.38	0.0065
541-73-1	1,3-Dichlorobenzene	0.38	U	0.38	0.0051
106-46-7	1,4-Dichlorobenzene	0.38	U	0.38	0.015
108-60-1	2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0069
121-14-2	2,4-Dinitrotoluene	0.077	U	0.077	0.041
606-20-2	2,6-Dinitrotoluene	0.077	U	0.077	0.028
91-58-7	2-Chloronaphthalene	0.38	U	0.38	0.018
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.011
88-74-4	2-Nitroaniline	0.38	U	0.38	0.014
91-94-1	3,3'-Dichlorobenzidine	0.15	U	0.15	0.058
99-09-2	3-Nitroaniline	0.38	U	0.38	0.043
101-55-3	4-Bromophenyl phenyl ether	0.38	U	0.38	0.015
106-47-8	4-Chloroaniline	0.38	U	0.38	0.068
7005-72-3	4-Chlorophenyl phenyl ether	0.38	U	0.38	0.013
100-01-6	4-Nitroaniline	0.38	U	0.38	0.044
83-32-9	Acenaphthene	0.38	U	0.38	0.011
208-96-8	Acenaphthylene	0.024	J	0.38	0.0038
120-12-7	Anthracene	0.020	J	0.38	0.012
56-55-3	Benzo[a]anthracene	0.092		0.038	0.013
50-32-8	Benzo[a]pyrene	0.11		0.038	0.010
205-99-2	Benzo[b]fluoranthene	0.16		0.038	0.0099
191-24-2	Benzo[g,h,i]perylene	0.089	J	0.38	0.011
207-08-9	Benzo[k]fluoranthene	0.084		0.038	0.0075
111-91-1	Bis(2-chloroethoxy)methane	0.38	U	0.38	0.030
111-44-4	Bis(2-chloroethyl)ether	0.038	U	0.038	0.013
117-81-7	Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020
85-68-7	Butyl benzyl phthalate	0.38	U	0.38	0.018
86-74-8	Carbazole	0.38	U	0.38	0.015
218-01-9	Chrysene	0.12	J	0.38	0.0065
53-70-3	Dibenz(a,h)anthracene	0.038	U	0.038	0.017
132-64-9	Dibenzofuran	0.38	U	0.38	0.0054
84-66-2	Diethyl phthalate	0.38	U	0.38	0.0055
131-11-3	Dimethyl phthalate	0.38	U	0.38	0.087

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-03_0-2_20210428 Lab Sample ID: 460-233141-1

Matrix: Solid Lab File ID: L343144.d

Analysis Method: 8270E Date Collected: 04/28/2021 08:40

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 18:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.38	U	0.38	0.014
117-84-0	Di-n-octyl phthalate	0.38	U	0.38	0.020
206-44-0	Fluoranthene	0.14	J	0.38	0.013
86-73-7	Fluorene	0.38	U	0.38	0.0052
118-74-1	Hexachlorobenzene	0.038	U	0.038	0.018
87-68-3	Hexachlorobutadiene	0.077	U	0.077	0.0081
77-47-4	Hexachlorocyclopentadiene	0.38	U	0.38	0.033
67-72-1	Hexachloroethane	0.038	U	0.038	0.013
193-39-5	Indeno[1,2,3-cd]pyrene	0.091		0.038	0.015
78-59-1	Isophorone	0.15	U	0.15	0.11
91-20-3	Naphthalene	0.38	U	0.38	0.0066
98-95-3	Nitrobenzene	0.038	U	0.038	0.0092
621-64-7	N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028
86-30-6	N-Nitrosodiphenylamine	0.38	U	0.38	0.031
85-01-8	Phenanthrene	0.064	J	0.38	0.0067
129-00-0	Pyrene	0.15	J	0.38	0.0095

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	67		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	68		11-104
1718-51-0	Terphenyl-d14 (Surr)	88		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d
Lims ID: 460-233141-E-1-B
Client ID: SB-03_0-2_20210428
Sample Type: Client
Inject. Date: 30-Apr-2021 18:09:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127888-024
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 03-May-2021 12:58:38 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: hamziy Date: 30-Apr-2021 20:58:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	4.516	4.522	-0.006	94	103533	40.0	
$ 26 Nitrobenzene-d5	82	5.040	5.040	-0.006	89	106616	33.8	
* 36 Naphthalene-d8	136	5.728	5.734	-0.006	99	391352	40.0	
$ 50 2-Fluorobiphenyl	172	6.751	6.757	-0.012	98	282073	33.6	
61 Acenaphthylene	152	7.257	7.263	-0.012	97	3203	0.3057	
* 63 Acenaphthene-d10	164	7.393	7.404	-0.011	95	225049	40.0	
* 85 Phenanthrene-d10	188	8.798	8.810	-0.012	98	431766	40.0	
86 Phenanthrene	178	8.822	8.827	-0.012	96	10315	0.8331	
87 Anthracene	178	8.869	8.874	-0.012	95	3316	0.2607	
90 Fluoranthene	202	9.945	9.950	-0.012	98	26462	1.88	
92 Pyrene	202	10.163	10.169	-0.012	97	22814	1.96	
$ 94 Terphenyl-d14	244	10.316	10.322	-0.012	98	343499	43.8	
99 Benzo[a]anthracene	228	11.451	11.463	-0.018	96	12806	1.20	
* 100 Chrysene-d12	240	11.463	11.480	-0.017	99	307740	40.0	
101 Chrysene	228	11.492	11.504	-0.018	98	15442	1.54	
104 Benzo[b]fluoranthene	252	12.880	12.880	-0.018	97	19052	2.12	M
105 Benzo[k]fluoranthene	252	12.898	12.898	-0.041	91	10065	1.10	Ma
106 Benzo[a]pyrene	252	13.339	13.368	-0.024	96	10947	1.38	
* 107 Perylene-d12	264	13.427	13.445	-0.018	99	303863	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.068	15.097	-0.036	96	10276	1.19	
110 Benzo[g,h,i]perylene	276	15.533	15.567	-0.041	97	10575	1.16	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

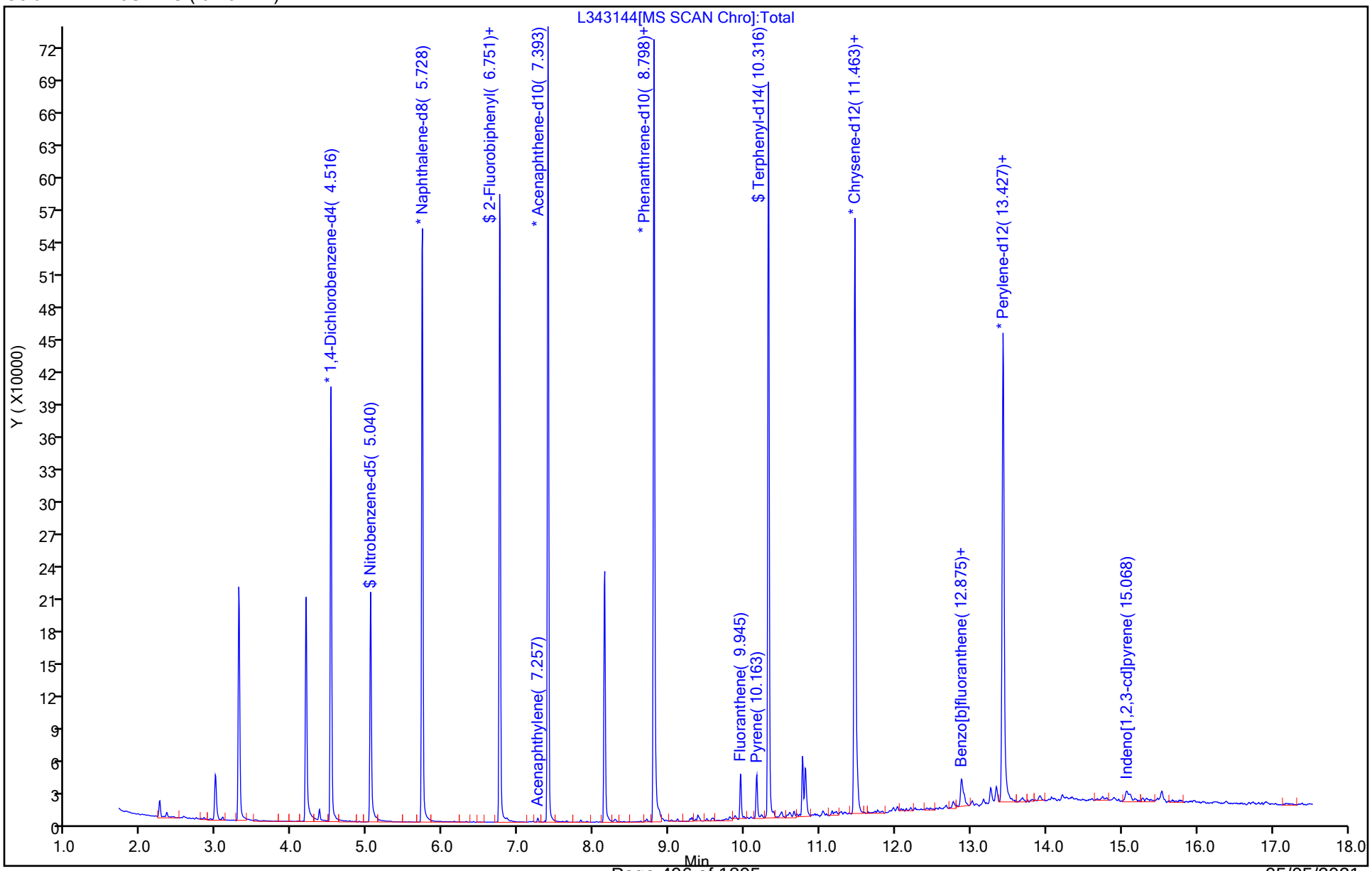
SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 03-May-2021 12:58:38 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1	Worklist Smp#:	24
Client ID:	SB-03_0-2_20210428				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

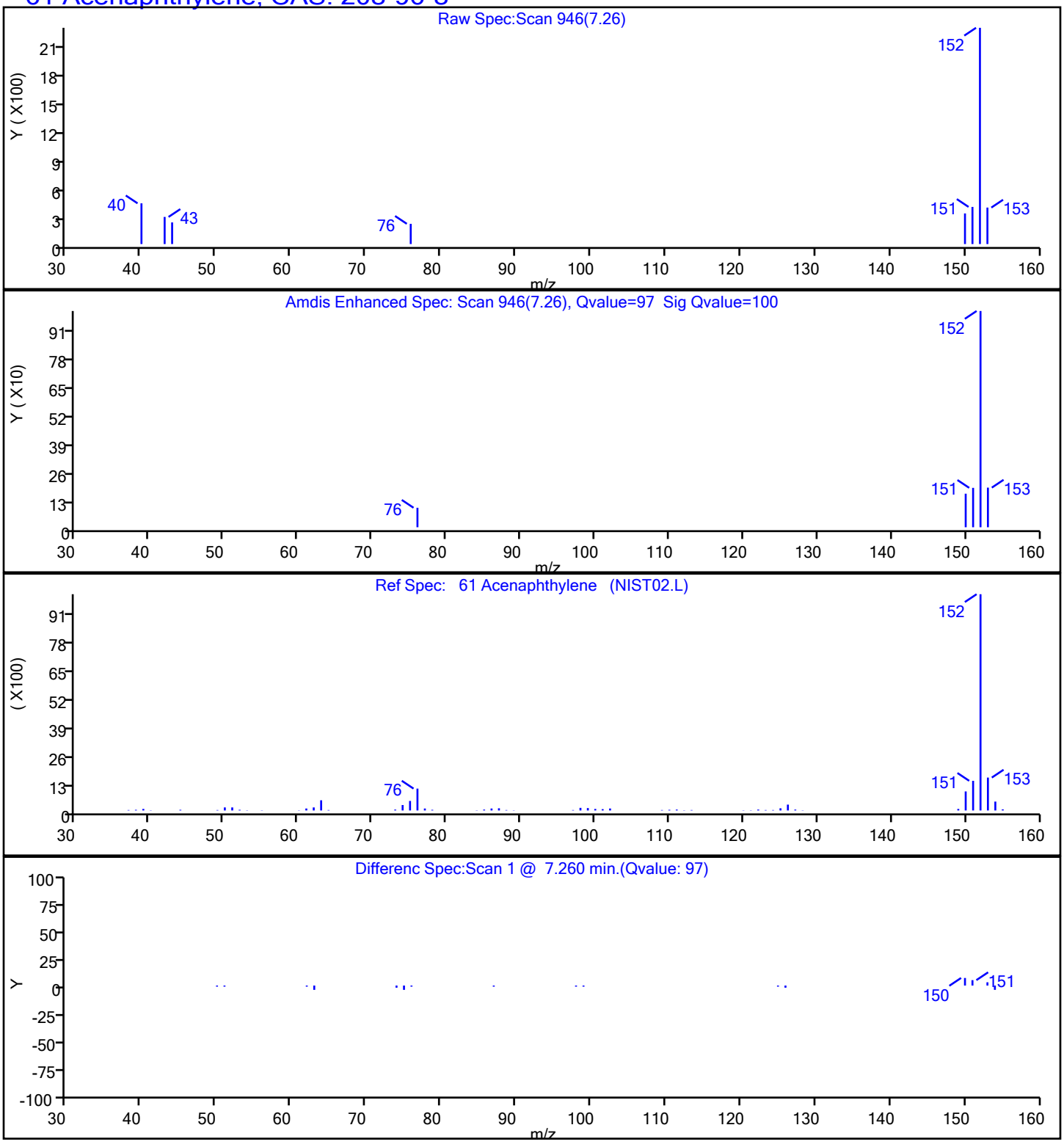


Report Date: 03-May-2021 12:58:38 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

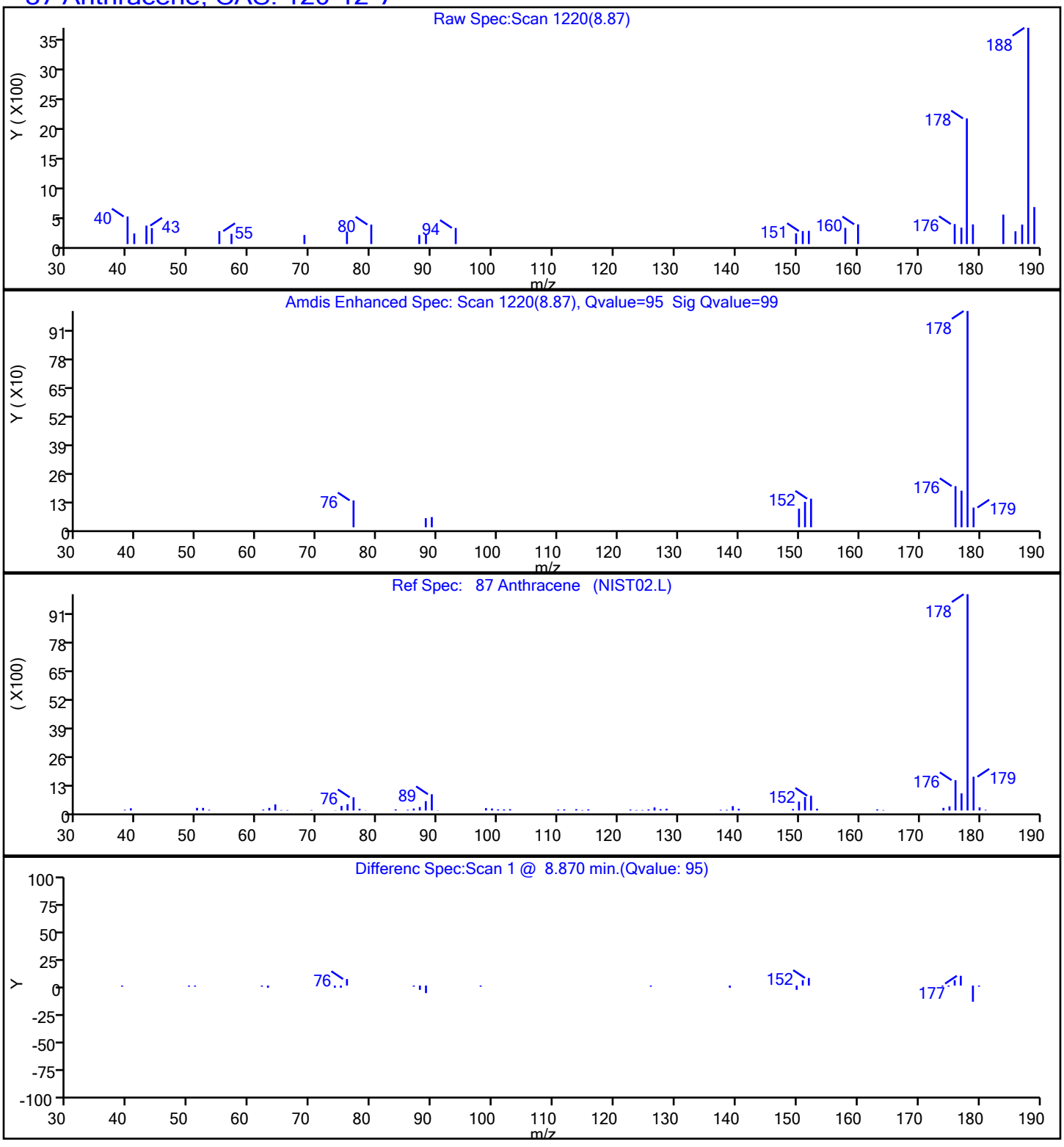
61 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

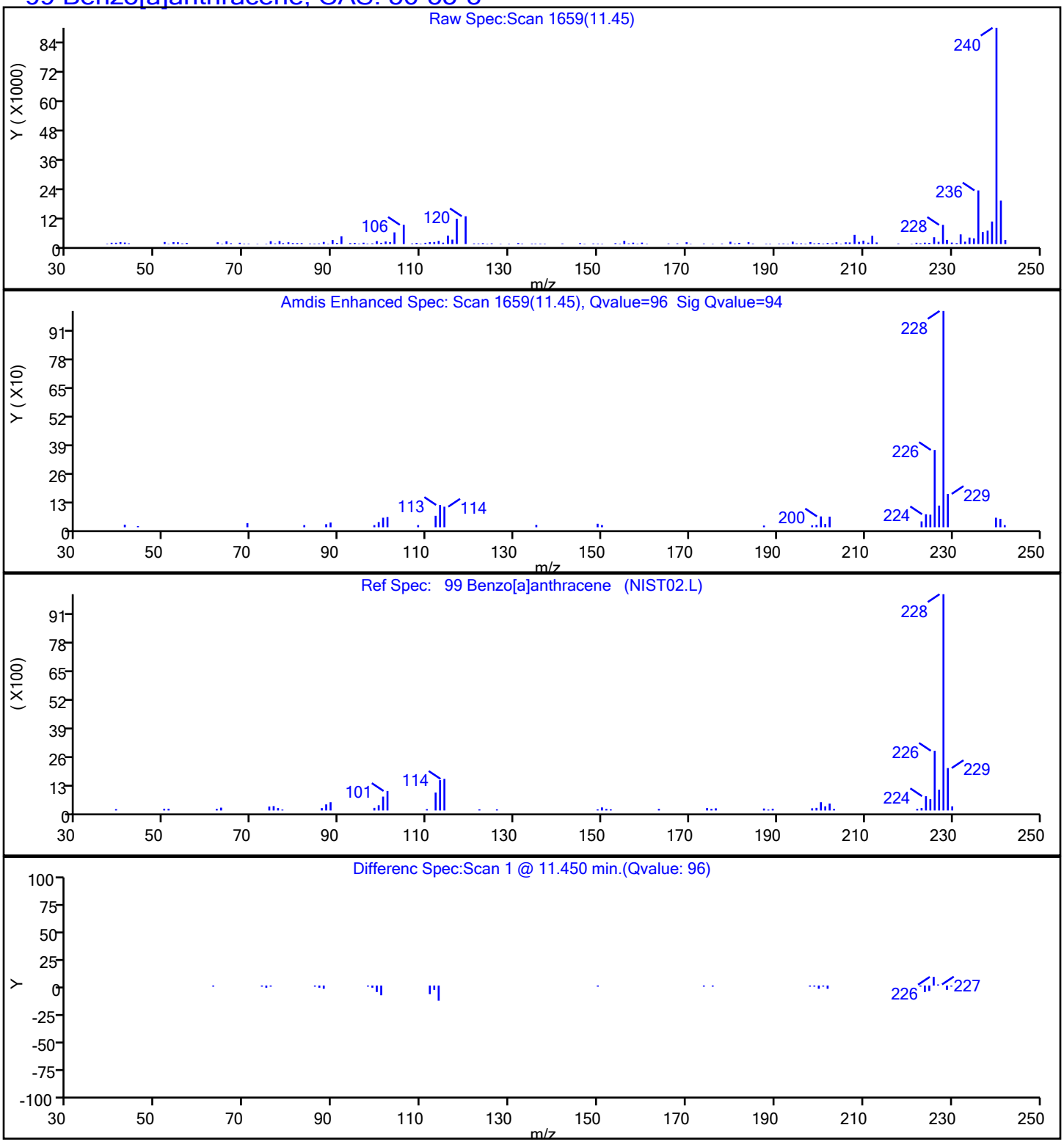
87 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

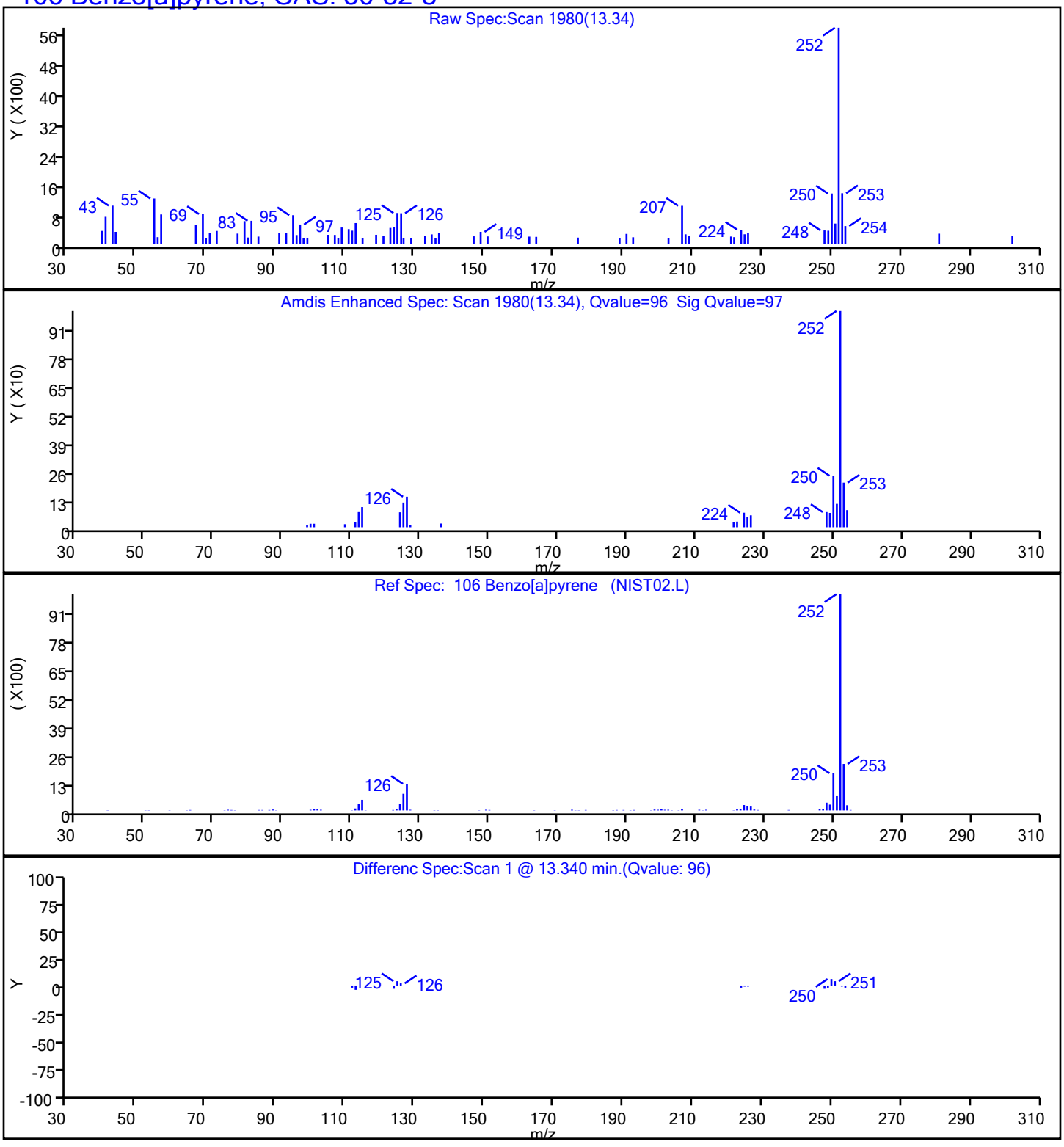
99 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

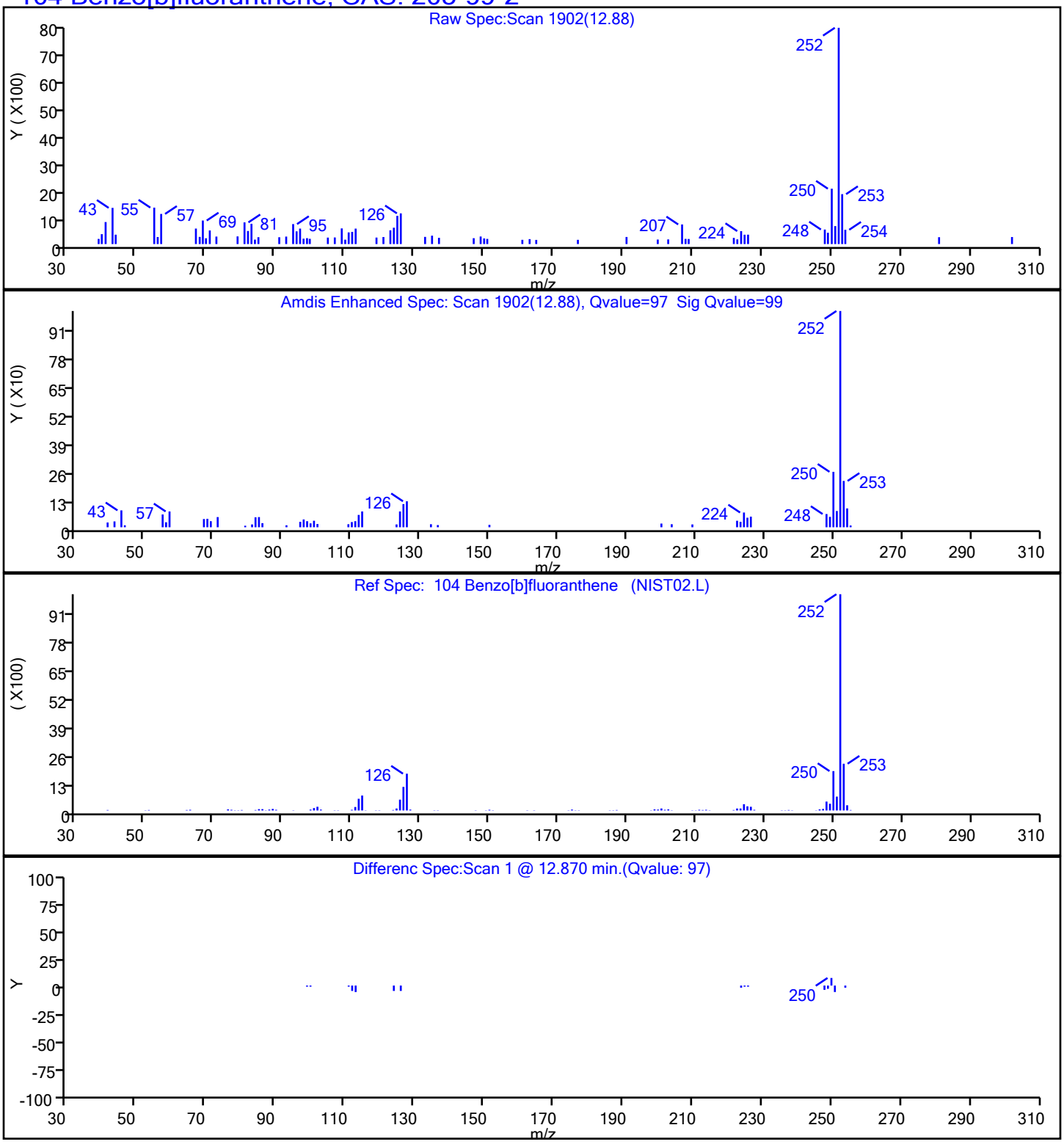
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

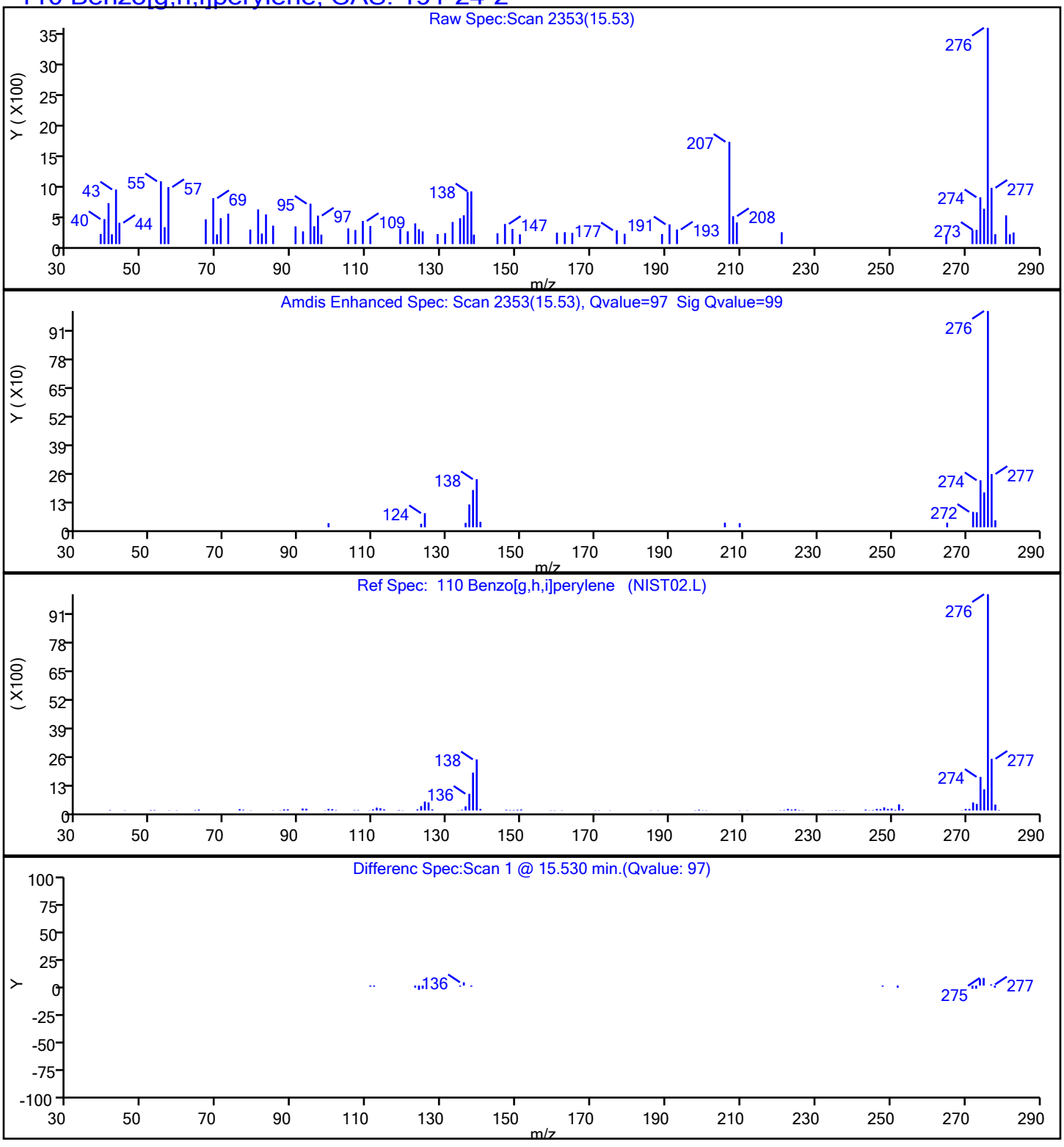
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

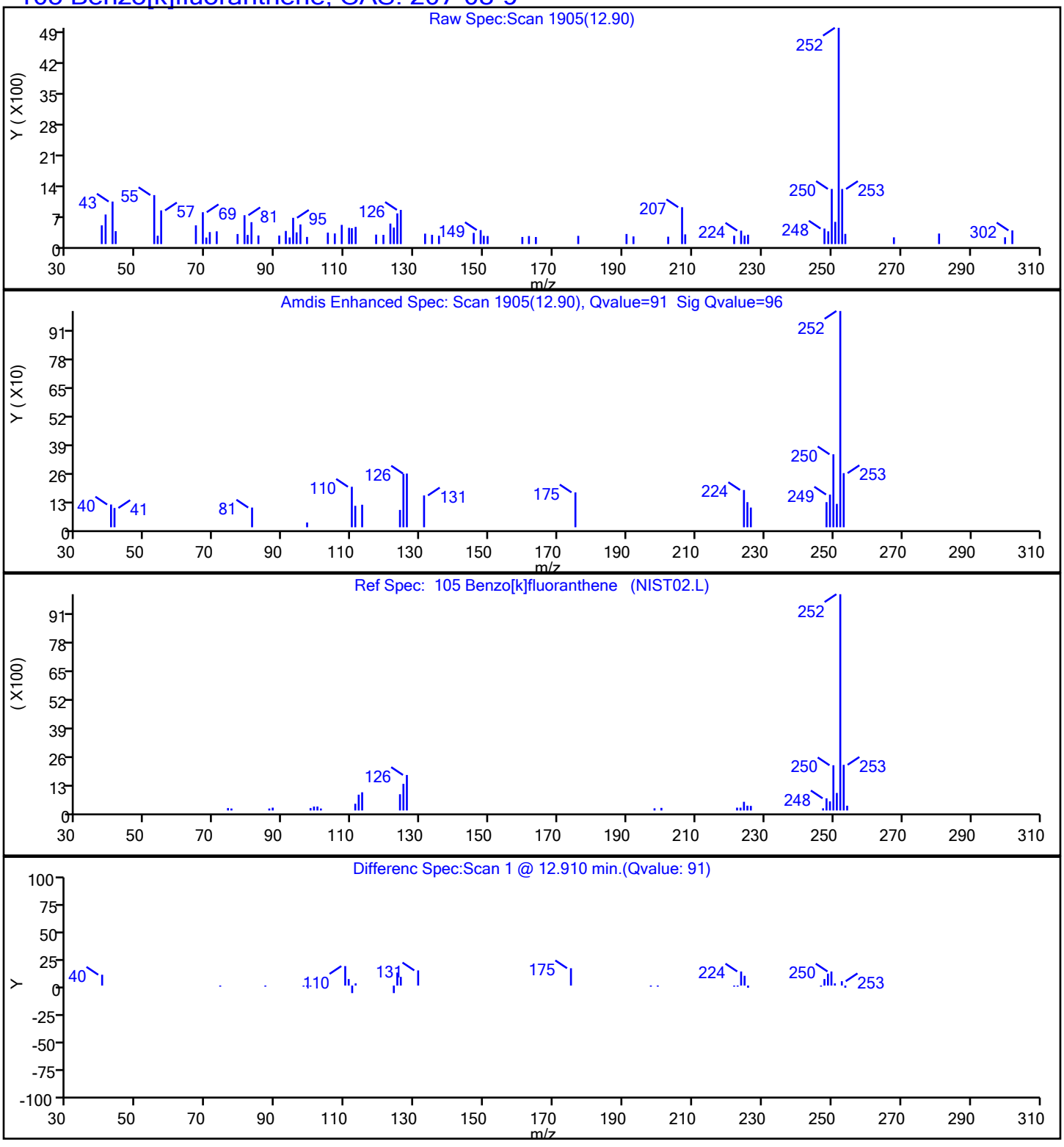
110 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

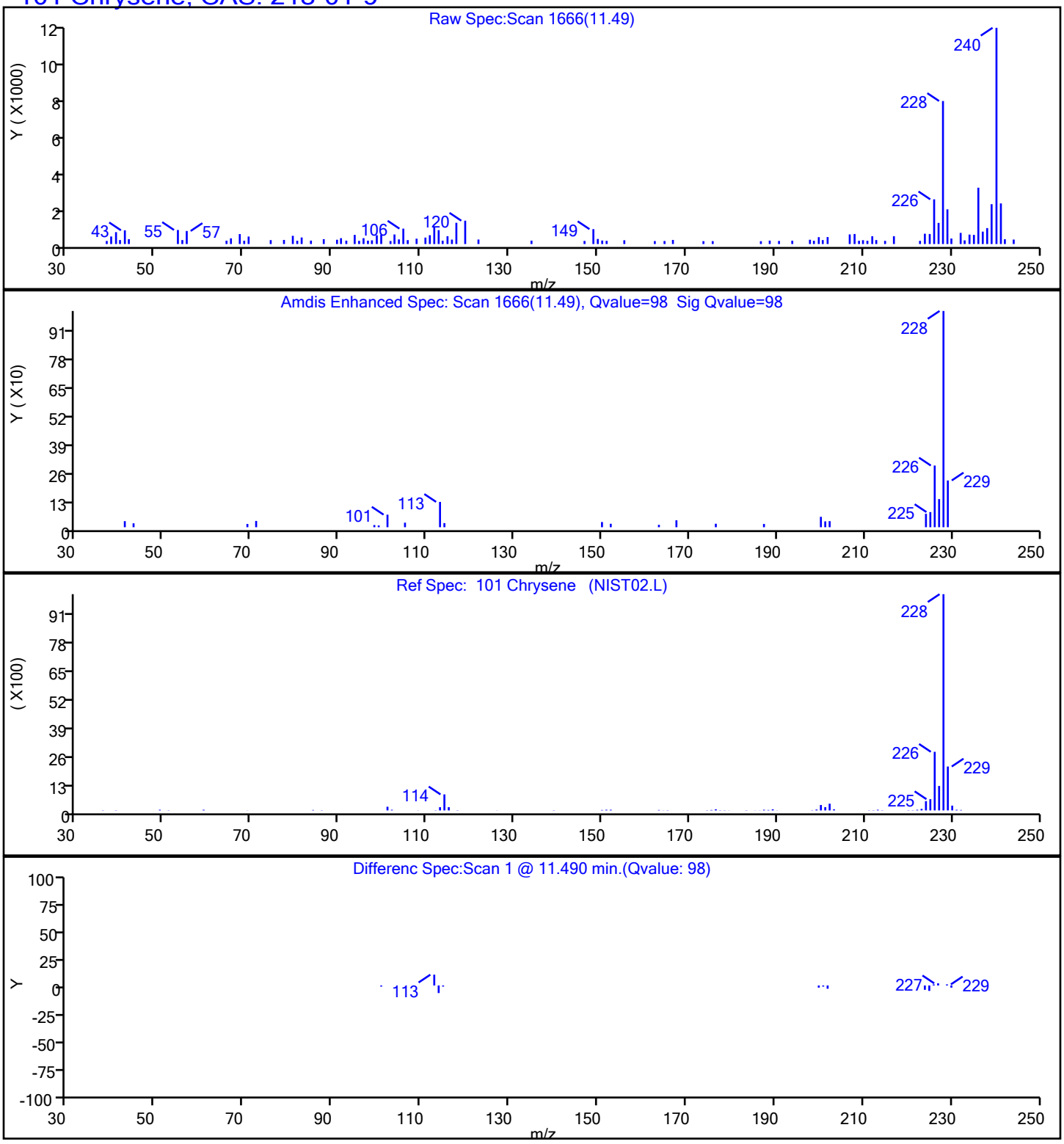


Report Date: 03-May-2021 12:58:38 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Chrysene, CAS: 218-01-9

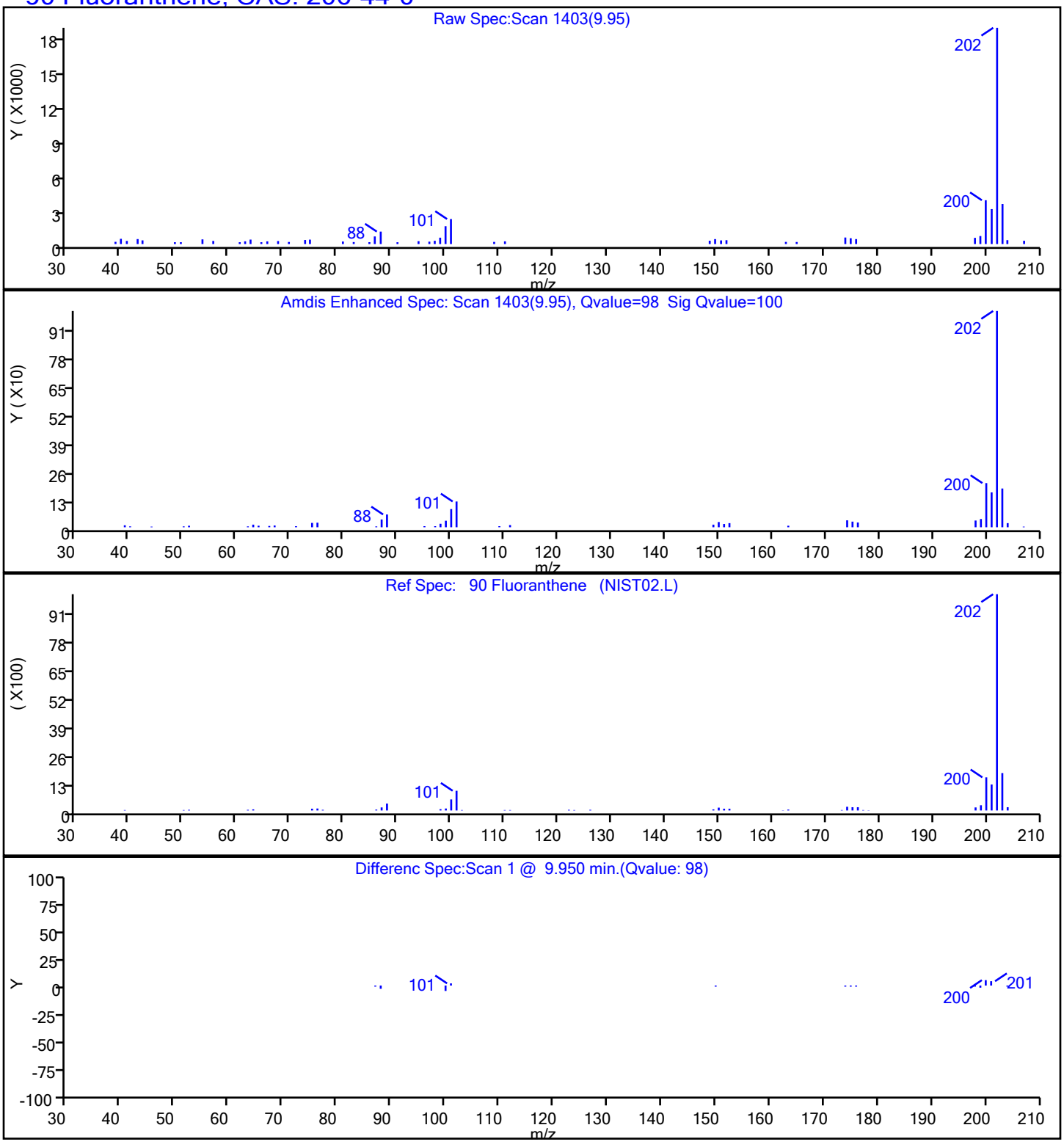


Report Date: 03-May-2021 12:58:38 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

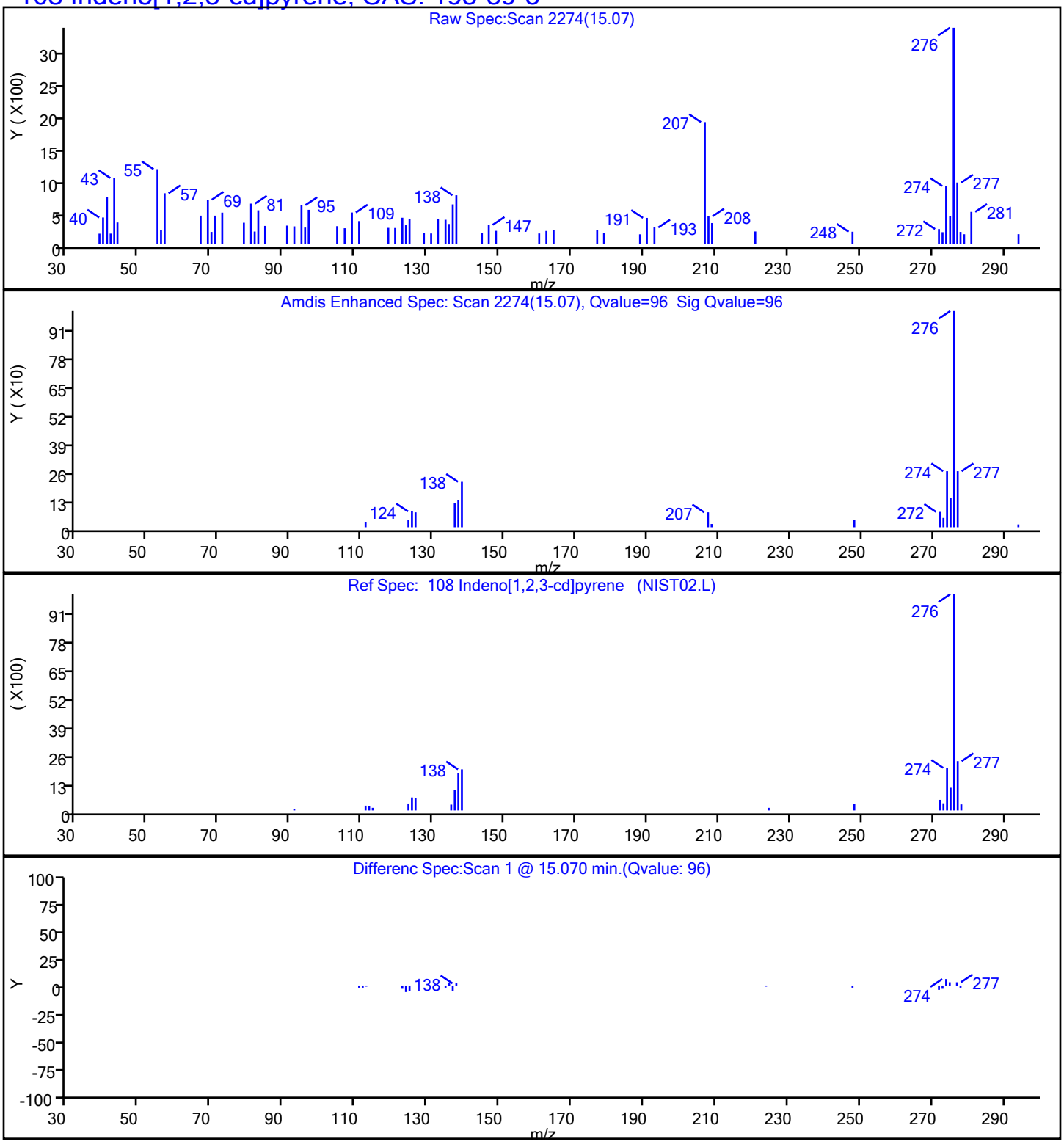
90 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

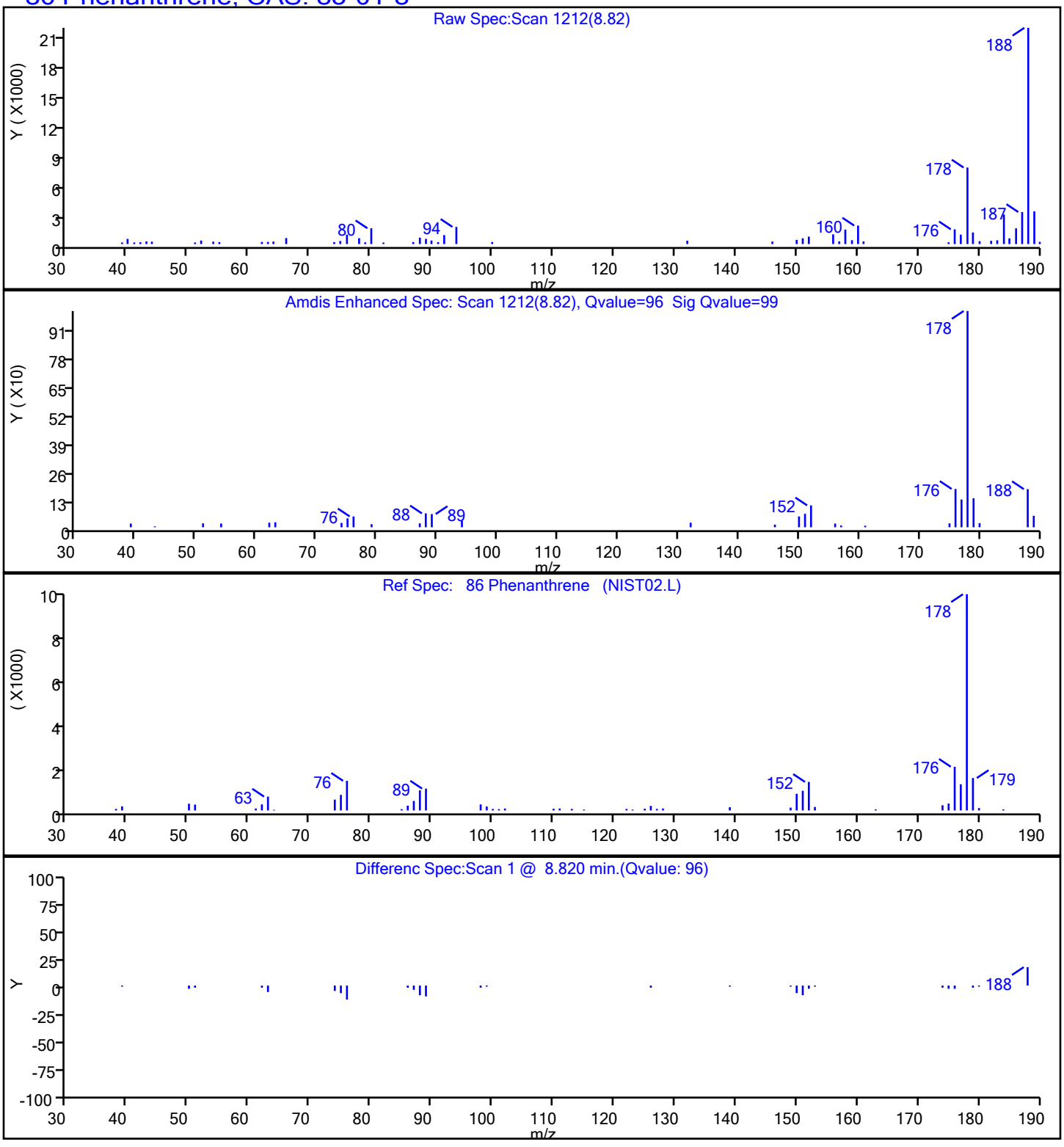
108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

86 Phenanthrene, CAS: 85-01-8

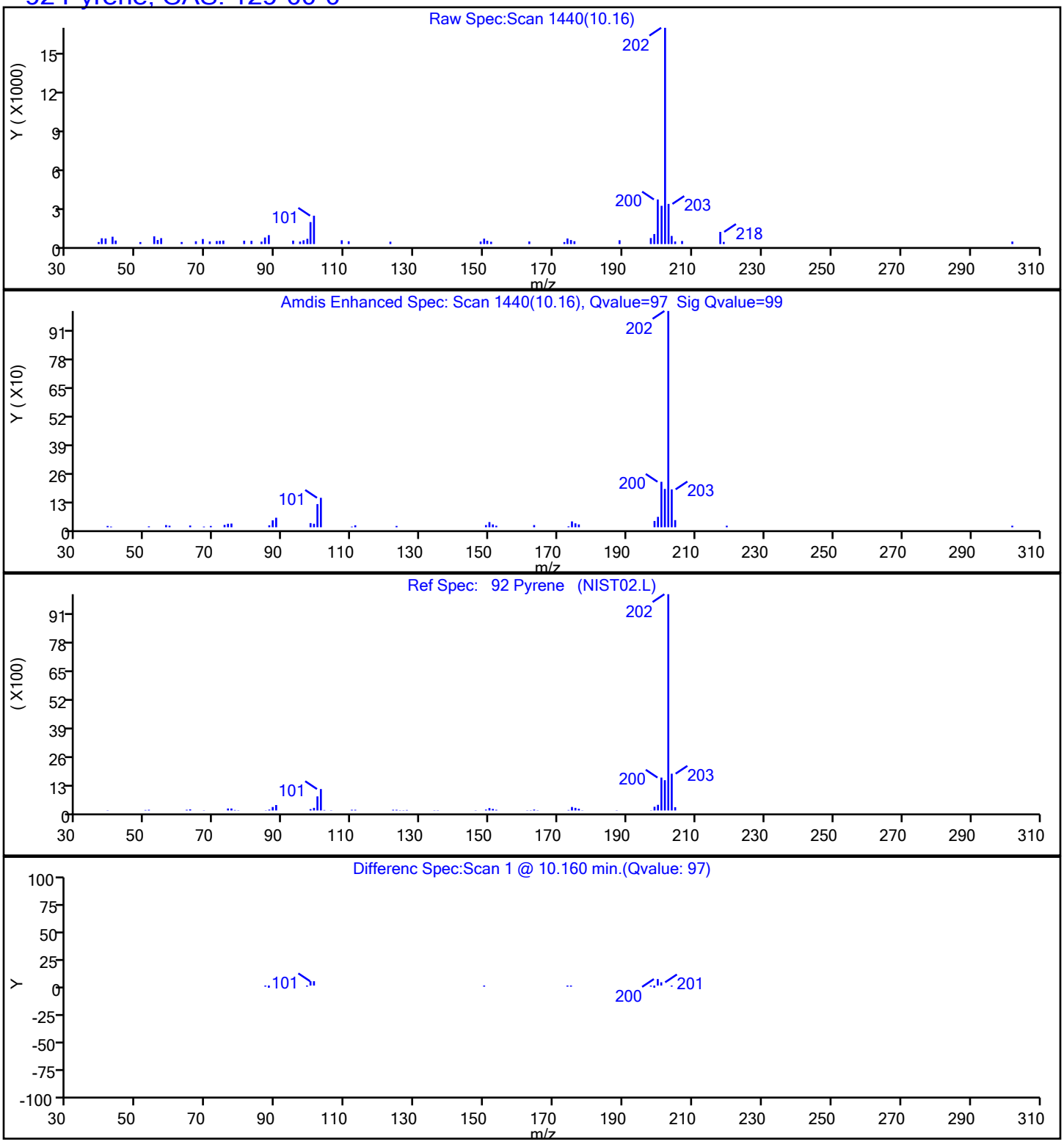


Report Date: 03-May-2021 12:58:38 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

92 Pyrene, CAS: 129-00-0



Eurofins TestAmerica, Edison

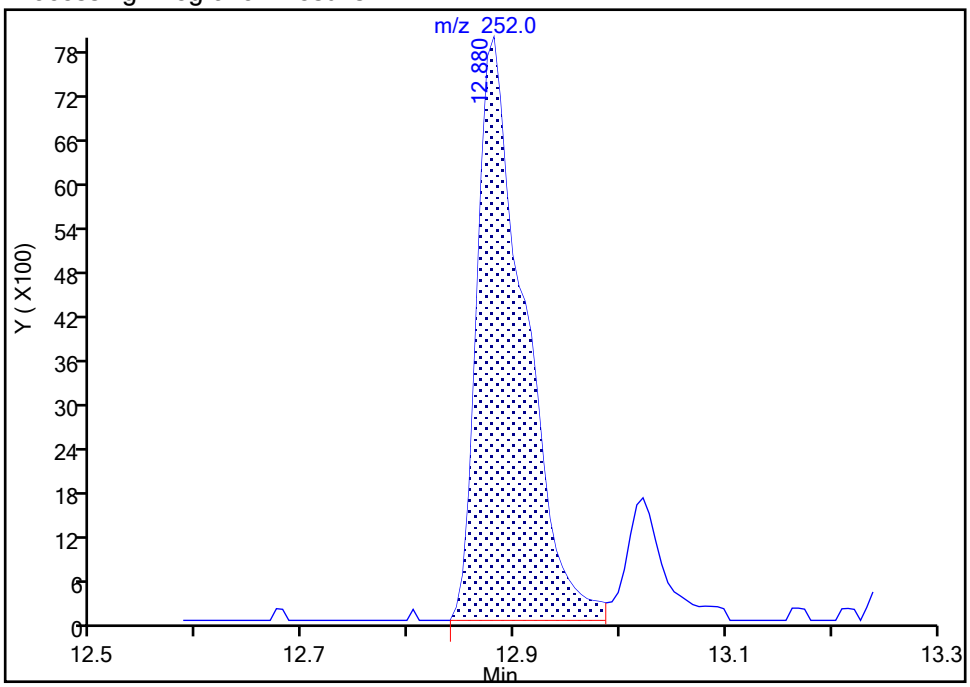
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

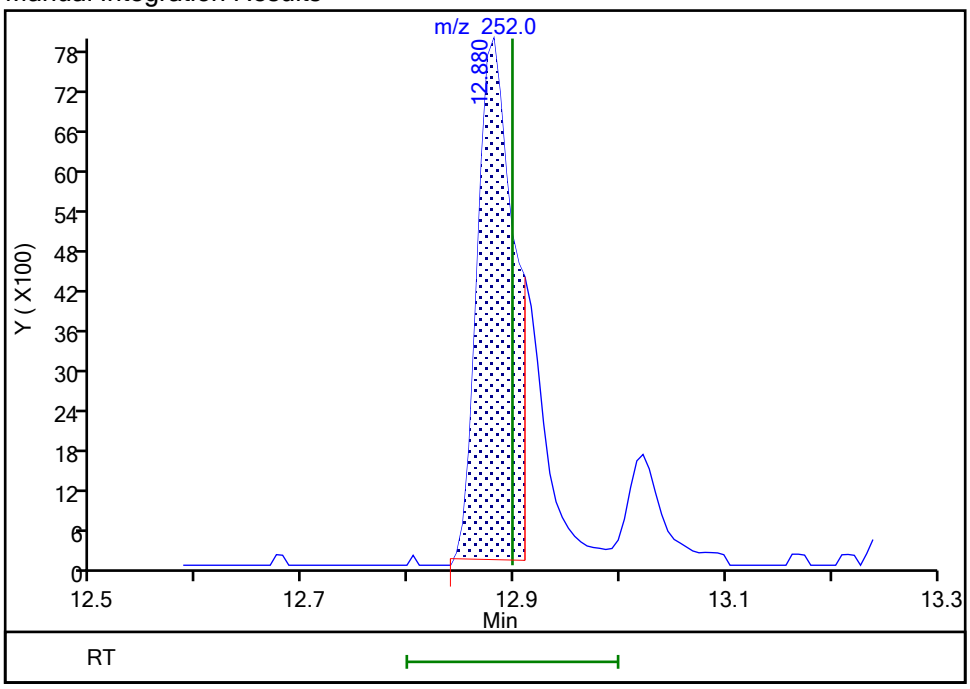
Processing Integration Results

RT: 12.88
Area: 24609
Amount: 2.738056
Amount Units: ug/ml



Manual Integration Results

RT: 12.88
Area: 19052
Amount: 2.119771
Amount Units: ug/ml



Reviewer: hamziy, 30-Apr-2021 20:58:15
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

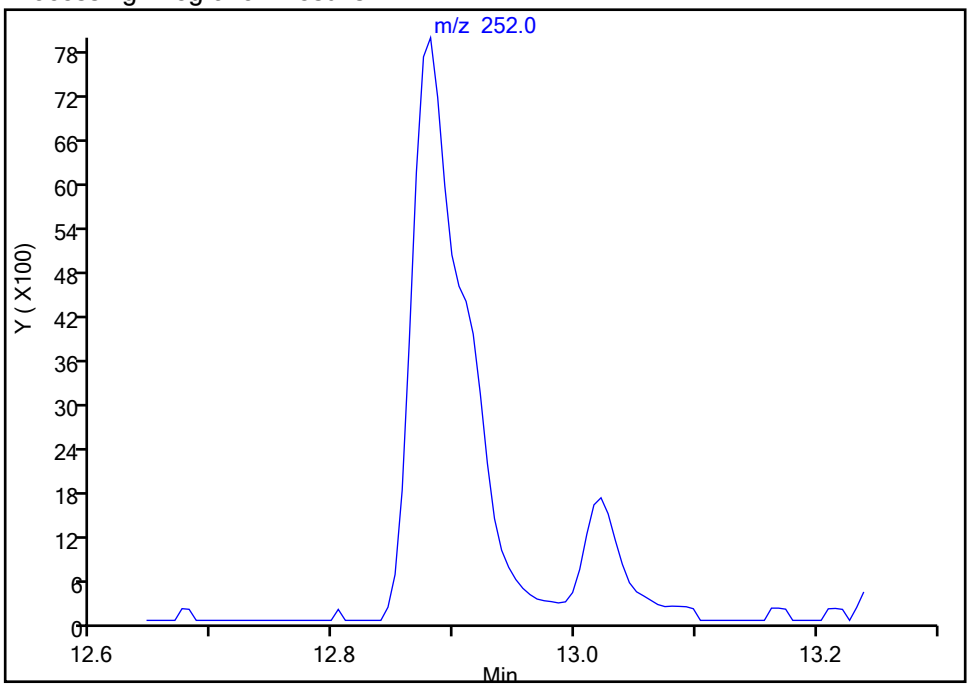
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343144.d				
Injection Date:	30-Apr-2021 18:09:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-1-B	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

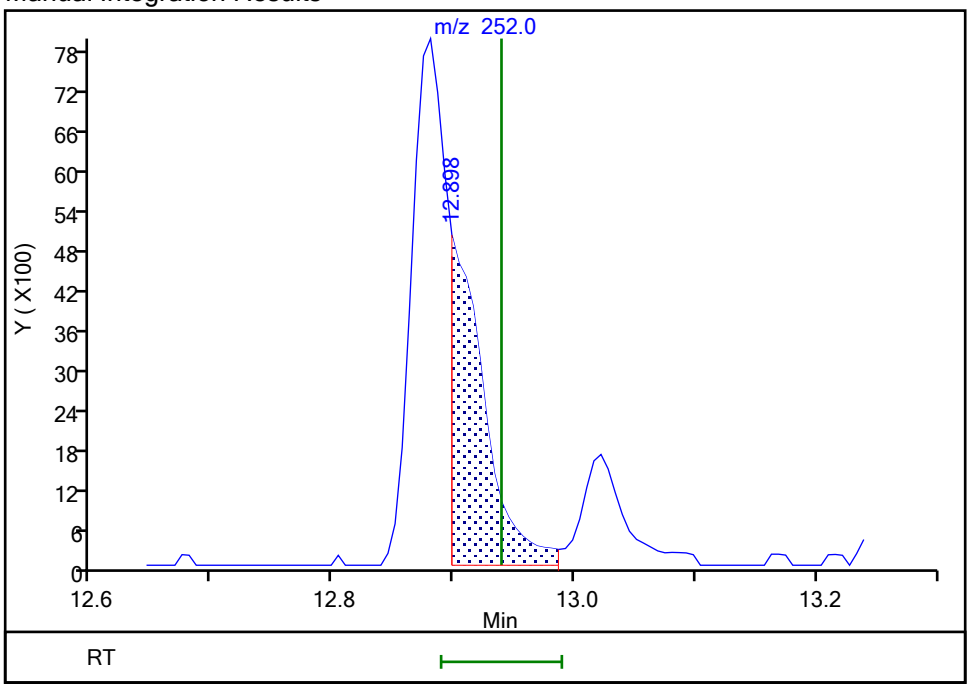
Not Detected
Expected RT: 12.94

Processing Integration Results



Manual Integration Results

RT: 12.90
Area: 10065
Amount: 1.098379
Amount Units: ug/ml



Reviewer: khlungprakhons, 03-May-2021 12:58:31
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-03_7-9_20210428 Lab Sample ID: 460-233141-2

Matrix: Solid Lab File ID: L343137.d

Analysis Method: 8270E Date Collected: 04/28/2021 08:50

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 15:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 24.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.044	U	0.044	0.011
95-50-1	1,2-Dichlorobenzene	0.44	U	0.44	0.0075
541-73-1	1,3-Dichlorobenzene	0.44	U	0.44	0.0058
106-46-7	1,4-Dichlorobenzene	0.44	U	0.44	0.017
108-60-1	2,2'-oxybis[1-chloropropane]	0.44	U	0.44	0.0079
121-14-2	2,4-Dinitrotoluene	0.089	U	0.089	0.047
606-20-2	2,6-Dinitrotoluene	0.089	U	0.089	0.032
91-58-7	2-Chloronaphthalene	0.44	U	0.44	0.020
91-57-6	2-Methylnaphthalene	0.44	U	0.44	0.012
88-74-4	2-Nitroaniline	0.44	U	0.44	0.016
91-94-1	3,3'-Dichlorobenzidine	0.18	U	0.18	0.066
99-09-2	3-Nitroaniline	0.44	U	0.44	0.049
101-55-3	4-Bromophenyl phenyl ether	0.44	U	0.44	0.017
106-47-8	4-Chloroaniline	0.44	U	0.44	0.078
7005-72-3	4-Chlorophenyl phenyl ether	0.44	U	0.44	0.015
100-01-6	4-Nitroaniline	0.44	U	0.44	0.050
83-32-9	Acenaphthene	0.44	U	0.44	0.012
208-96-8	Acenaphthylene	0.44	U	0.44	0.0044
120-12-7	Anthracene	0.44	U	0.44	0.013
56-55-3	Benzo[a]anthracene	0.044	U	0.044	0.015
50-32-8	Benzo[a]pyrene	0.044	U	0.044	0.012
205-99-2	Benzo[b]fluoranthene	0.044	U	0.044	0.011
191-24-2	Benzo[g,h,i]perylene	0.44	U	0.44	0.013
207-08-9	Benzo[k]fluoranthene	0.044	U	0.044	0.0086
111-91-1	Bis(2-chloroethoxy)methane	0.44	U	0.44	0.034
111-44-4	Bis(2-chloroethyl)ether	0.044	U	0.044	0.015
117-81-7	Bis(2-ethylhexyl) phthalate	0.44	U	0.44	0.023
85-68-7	Butyl benzyl phthalate	0.44	U	0.44	0.021
86-74-8	Carbazole	0.44	U	0.44	0.017
218-01-9	Chrysene	0.44	U	0.44	0.0074
53-70-3	Dibenz(a,h)anthracene	0.044	U	0.044	0.019
132-64-9	Dibenzofuran	0.44	U	0.44	0.0062
84-66-2	Diethyl phthalate	0.44	U	0.44	0.0064
131-11-3	Dimethyl phthalate	0.44	U	0.44	0.10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-03_7-9_20210428 Lab Sample ID: 460-233141-2

Matrix: Solid Lab File ID: L343137.d

Analysis Method: 8270E Date Collected: 04/28/2021 08:50

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 15:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 24.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.44	U	0.44	0.017
117-84-0	Di-n-octyl phthalate	0.44	U	0.44	0.023
206-44-0	Fluoranthene	0.44	U	0.44	0.015
86-73-7	Fluorene	0.44	U	0.44	0.0059
118-74-1	Hexachlorobenzene	0.044	U	0.044	0.021
87-68-3	Hexachlorobutadiene	0.089	U	0.089	0.0093
77-47-4	Hexachlorocyclopentadiene	0.44	U	0.44	0.038
67-72-1	Hexachloroethane	0.044	U	0.044	0.015
193-39-5	Indeno[1,2,3-cd]pyrene	0.044	U	0.044	0.017
78-59-1	Isophorone	0.18	U	0.18	0.13
91-20-3	Naphthalene	0.44	U	0.44	0.0076
98-95-3	Nitrobenzene	0.044	U	0.044	0.011
621-64-7	N-Nitrosodi-n-propylamine	0.044	U	0.044	0.032
86-30-6	N-Nitrosodiphenylamine	0.44	U	0.44	0.036
85-01-8	Phenanthrene	0.44	U	0.44	0.0077
129-00-0	Pyrene	0.44	U	0.44	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	67		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	67		11-104
1718-51-0	Terphenyl-d14 (Surr)	86		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343137.d
Lims ID: 460-233141-E-2-B
Client ID: SB-03_7-9_20210428
Sample Type: Client
Inject. Date: 30-Apr-2021 15:32:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127888-017
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 03-May-2021 12:47:44 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: hamziy Date: 30-Apr-2021 20:53:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	4.516	4.522	-0.006	95	104729	40.0	
$ 26 Nitrobenzene-d5	82	5.040	5.040	-0.006	89	107868	33.7	
* 36 Naphthalene-d8	136	5.728	5.734	-0.006	99	396150	40.0	
$ 50 2-Fluorobiphenyl	172	6.757	6.757	-0.006	98	279337	33.4	
* 63 Acenaphthene-d10	164	7.393	7.404	-0.012	95	224020	40.0	
* 85 Phenanthrene-d10	188	8.798	8.810	-0.012	98	428951	40.0	
$ 94 Terphenyl-d14	244	10.322	10.322	-0.006	98	356387	42.8	
* 100 Chrysene-d12	240	11.463	11.480	-0.017	99	326536	40.0	
* 107 Perylene-d12	264	13.433	13.445	-0.012	99	322403	40.0	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

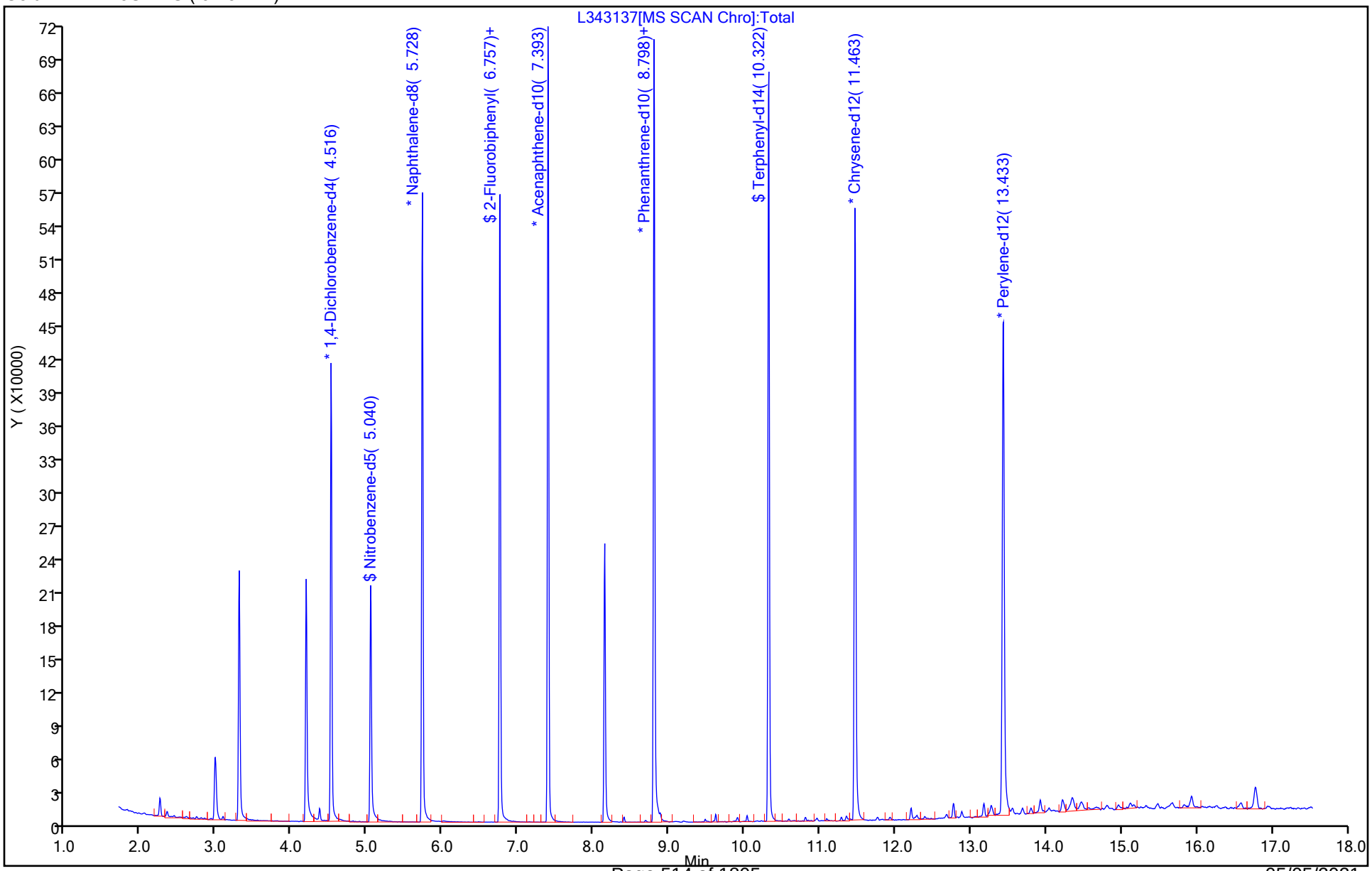
Report Date: 03-May-2021 12:51:52 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343137.d

Injection Date:	30-Apr-2021 15:32:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	460-233141-E-2-B	Lab Sample ID:	460-233141-2	Worklist Smp#:	17
Client ID:	SB-03_7-9_20210428				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



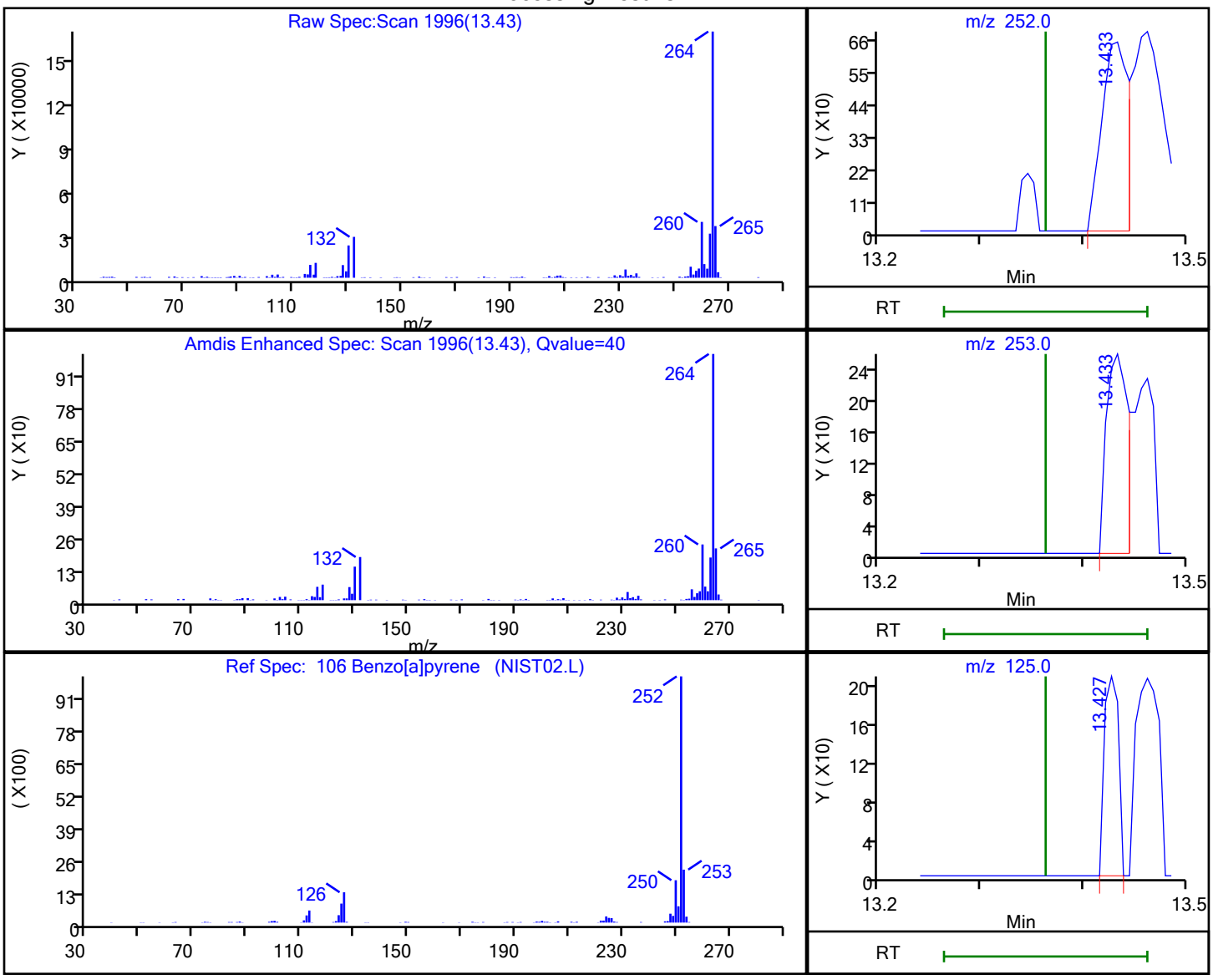
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343137.d				
Injection Date:	30-Apr-2021 15:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-2-B	Lab Sample ID:	460-233141-2		
Client ID:	SB-03_7-9_20210428				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.43	252.00	1180	0.140400
13.43	253.00	381	
13.43	125.00	199	

Reviewer: hamziy, 30-Apr-2021 20:52:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-04_0-2_20210428 Lab Sample ID: 460-233141-3

Matrix: Solid Lab File ID: L343145.d

Analysis Method: 8270E Date Collected: 04/28/2021 09:26

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 18:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 22.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.043	U	0.043	0.011
95-50-1	1,2-Dichlorobenzene	0.43	U	0.43	0.0073
541-73-1	1,3-Dichlorobenzene	0.43	U	0.43	0.0057
106-46-7	1,4-Dichlorobenzene	0.43	U	0.43	0.016
108-60-1	2,2'-oxybis[1-chloropropane]	0.43	U	0.43	0.0078
121-14-2	2,4-Dinitrotoluene	0.087	U	0.087	0.046
606-20-2	2,6-Dinitrotoluene	0.087	U	0.087	0.031
91-58-7	2-Chloronaphthalene	0.43	U	0.43	0.020
91-57-6	2-Methylnaphthalene	0.43	U	0.43	0.012
88-74-4	2-Nitroaniline	0.43	U	0.43	0.016
91-94-1	3,3'-Dichlorobenzidine	0.17	U	0.17	0.065
99-09-2	3-Nitroaniline	0.43	U	0.43	0.048
101-55-3	4-Bromophenyl phenyl ether	0.43	U	0.43	0.017
106-47-8	4-Chloroaniline	0.43	U	0.43	0.076
7005-72-3	4-Chlorophenyl phenyl ether	0.43	U	0.43	0.015
100-01-6	4-Nitroaniline	0.43	U	0.43	0.049
83-32-9	Acenaphthene	0.014	J	0.43	0.012
208-96-8	Acenaphthylene	0.025	J	0.43	0.0043
120-12-7	Anthracene	0.067	J	0.43	0.013
56-55-3	Benzo[a]anthracene	0.24		0.043	0.015
50-32-8	Benzo[a]pyrene	0.28		0.043	0.011
205-99-2	Benzo[b]fluoranthene	0.31		0.043	0.011
191-24-2	Benzo[g,h,i]perylene	0.18	J	0.43	0.013
207-08-9	Benzo[k]fluoranthene	0.17		0.043	0.0084
111-91-1	Bis(2-chloroethoxy)methane	0.43	U	0.43	0.033
111-44-4	Bis(2-chloroethyl)ether	0.043	U	0.043	0.015
117-81-7	Bis(2-ethylhexyl) phthalate	0.43	U	0.43	0.023
85-68-7	Butyl benzyl phthalate	0.43	U	0.43	0.020
86-74-8	Carbazole	0.43	U	0.43	0.016
218-01-9	Chrysene	0.33	J	0.43	0.0072
53-70-3	Dibenz(a,h)anthracene	0.033	J	0.043	0.019
132-64-9	Dibenzofuran	0.43	U	0.43	0.0060
84-66-2	Diethyl phthalate	0.43	U	0.43	0.0062
131-11-3	Dimethyl phthalate	0.43	U	0.43	0.097

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-04_0-2_20210428 Lab Sample ID: 460-233141-3

Matrix: Solid Lab File ID: L343145.d

Analysis Method: 8270E Date Collected: 04/28/2021 09:26

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 18:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 22.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.43	U	0.43	0.016
117-84-0	Di-n-octyl phthalate	0.43	U	0.43	0.023
206-44-0	Fluoranthene	0.36	J	0.43	0.015
86-73-7	Fluorene	0.012	J	0.43	0.0058
118-74-1	Hexachlorobenzene	0.043	U	0.043	0.020
87-68-3	Hexachlorobutadiene	0.087	U	0.087	0.0091
77-47-4	Hexachlorocyclopentadiene	0.43	U	0.43	0.038
67-72-1	Hexachloroethane	0.043	U	0.043	0.015
193-39-5	Indeno[1,2,3-cd]pyrene	0.17		0.043	0.017
78-59-1	Isophorone	0.17	U	0.17	0.12
91-20-3	Naphthalene	0.024	J	0.43	0.0074
98-95-3	Nitrobenzene	0.043	U	0.043	0.010
621-64-7	N-Nitrosodi-n-propylamine	0.043	U	0.043	0.031
86-30-6	N-Nitrosodiphenylamine	0.43	U	0.43	0.035
85-01-8	Phenanthrene	0.30	J	0.43	0.0075
129-00-0	Pyrene	0.50		0.43	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	60		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	60		11-104
1718-51-0	Terphenyl-d14 (Surr)	76		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d
Lims ID: 460-233141-E-3-B
Client ID: SB-04_0-2_20210428
Sample Type: Client
Inject. Date: 30-Apr-2021 18:32:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127888-025
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 03-May-2021 12:59:36 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: hamziy Date: 30-Apr-2021 20:58:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	4.516	4.522	-0.006	95	100202	40.0	
$ 26 Nitrobenzene-d5	82	5.040	5.040	-0.006	90	92086	30.1	
* 36 Naphthalene-d8	136	5.728	5.734	-0.006	99	378900	40.0	
37 Naphthalene	128	5.745	5.745	-0.006	96	2640	0.2758	
$ 50 2-Fluorobiphenyl	172	6.751	6.757	-0.012	98	241635	29.9	
61 Acenaphthylene	152	7.257	7.263	-0.012	97	2969	0.2948	
* 63 Acenaphthene-d10	164	7.392	7.404	-0.012	95	216302	40.0	
65 Acenaphthene	154	7.422	7.427	-0.012	89	1066	0.1583	
74 Fluorene	166	7.910	7.909	-0.012	92	1103	0.1437	
* 85 Phenanthrene-d10	188	8.798	8.810	-0.012	98	412271	40.0	
86 Phenanthrene	178	8.822	8.827	-0.012	97	41174	3.48	
87 Anthracene	178	8.869	8.874	-0.012	98	9385	0.7726	
90 Fluoranthene	202	9.945	9.950	-0.012	98	56814	4.22	
92 Pyrene	202	10.163	10.169	-0.012	97	64301	5.82	
$ 94 Terphenyl-d14	244	10.316	10.322	-0.012	98	283416	38.1	
99 Benzo[a]anthracene	228	11.451	11.463	-0.018	98	28027	2.75	
* 100 Chrysene-d12	240	11.463	11.480	-0.017	99	292377	40.0	
101 Chrysene	228	11.492	11.504	-0.018	99	36017	3.78	
104 Benzo[b]fluoranthene	252	12.880	12.880	-0.018	97	29941	3.54	Ma
105 Benzo[k]fluoranthene	252	12.898	12.898	-0.041	43	17377	2.02	Ma
106 Benzo[a]pyrene	252	13.339	13.368	-0.024	98	24234	3.26	
* 107 Perylene-d12	264	13.427	13.445	-0.018	99	285588	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.068	15.097	-0.036	98	15786	1.94	
109 Dibenz(a,h)anthracene	278	15.104	15.132	-0.035	91	2956	0.3774	
110 Benzo[g,h,i]perylene	276	15.527	15.567	-0.047	97	17769	2.07	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

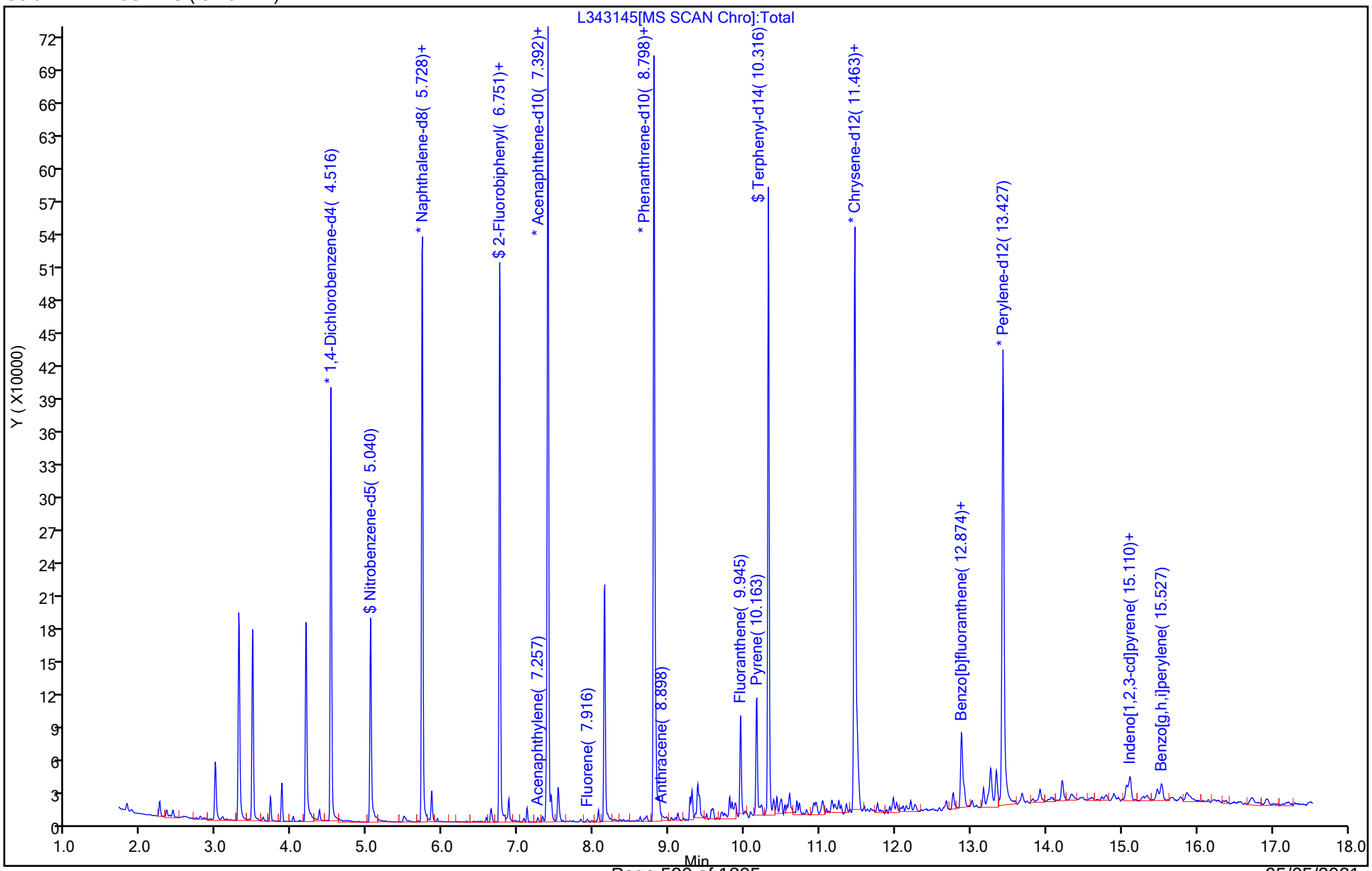
SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 03-May-2021 12:59:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3	Worklist Smp#:	25
Client ID:	SB-04_0-2_20210428				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		

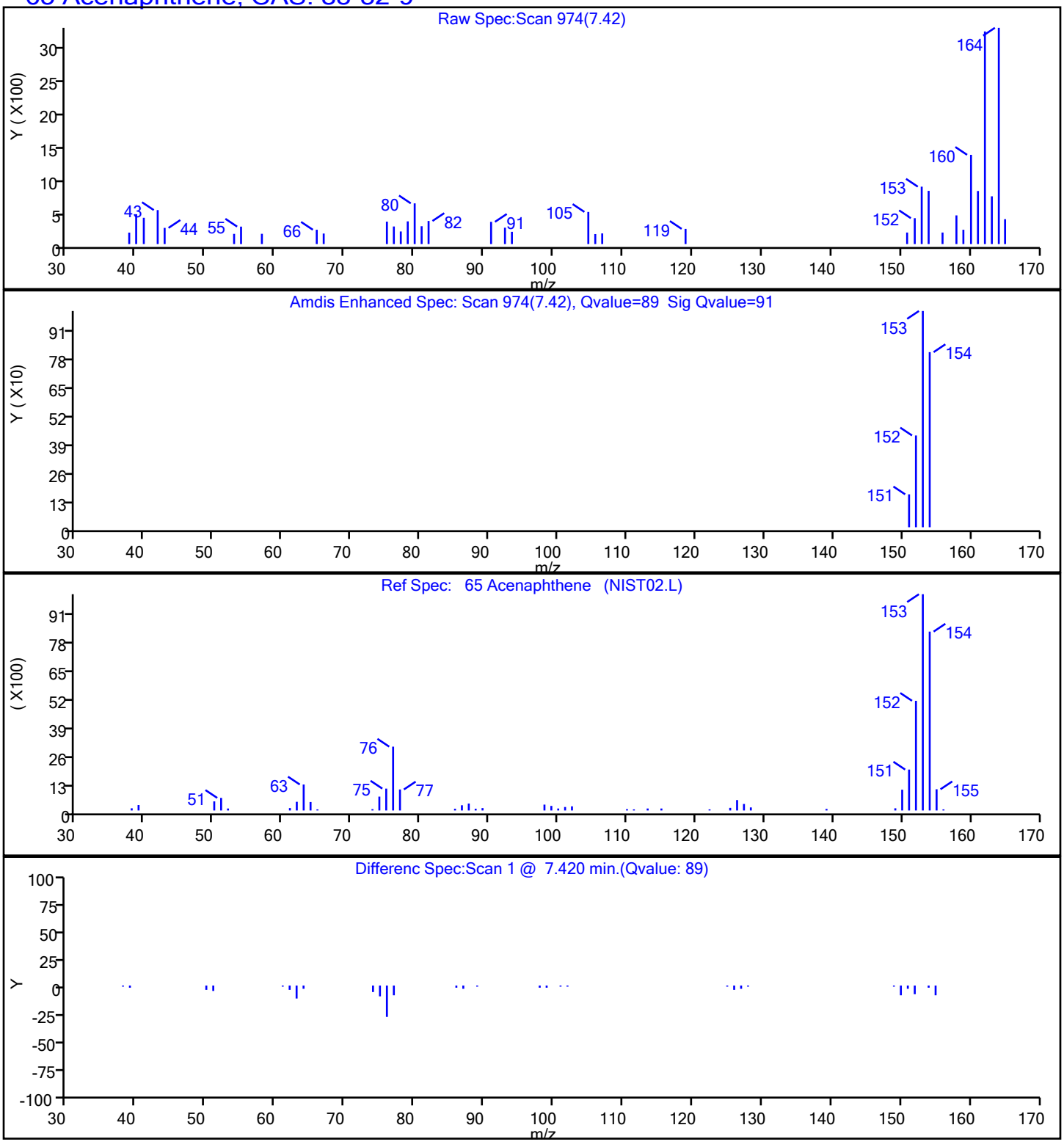
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

65 Acenaphthene, CAS: 83-32-9

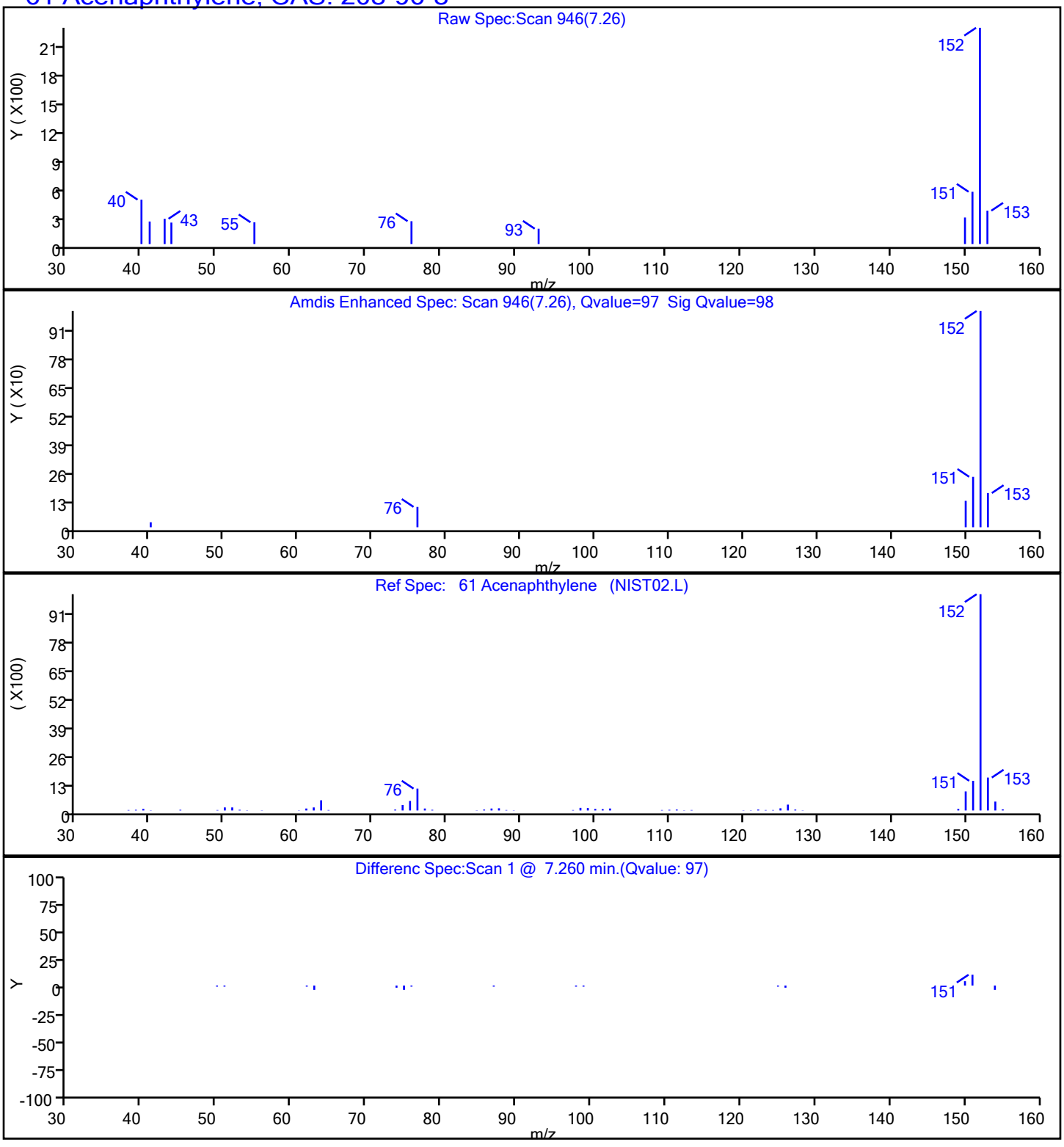


Report Date: 03-May-2021 12:59:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

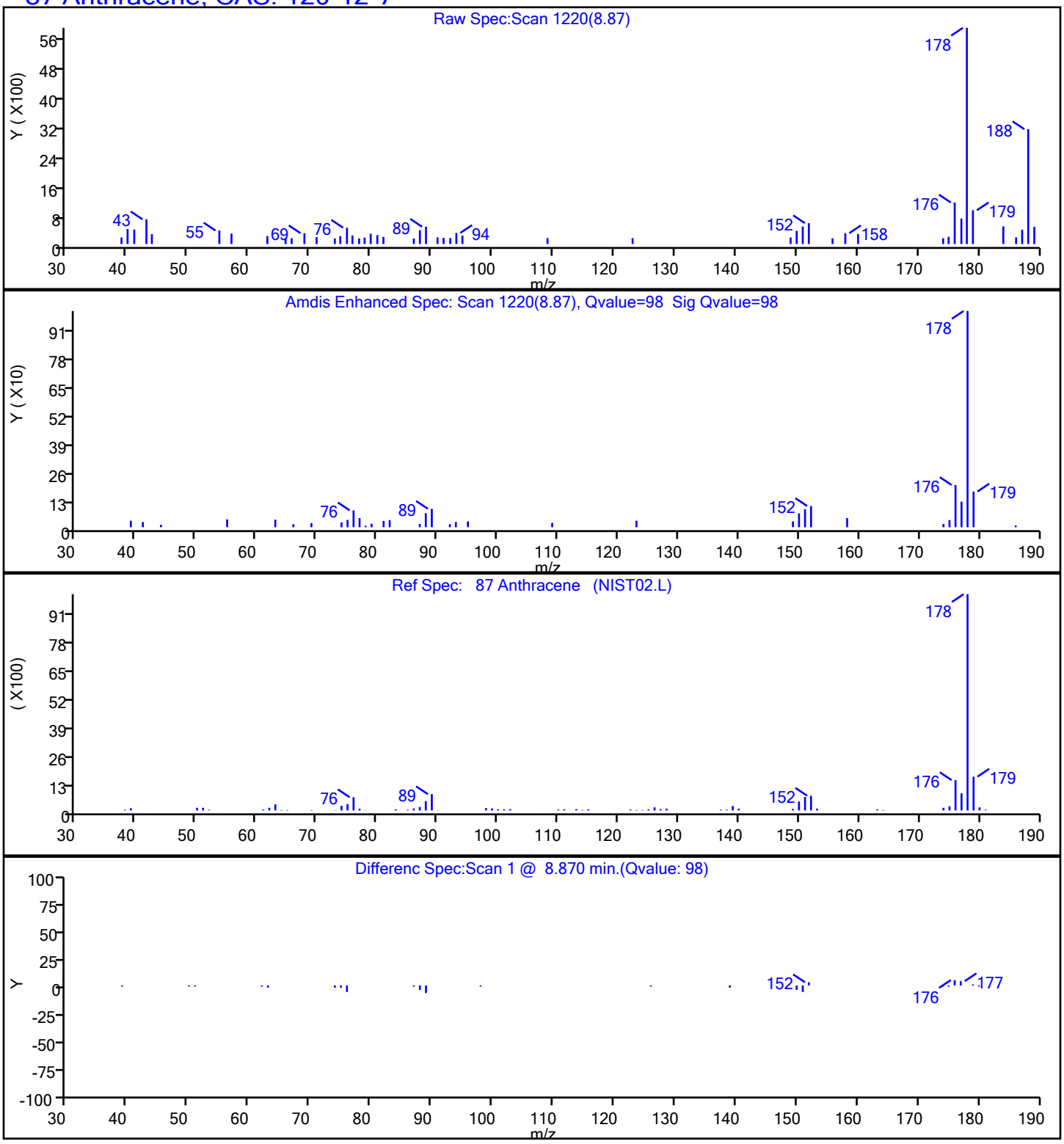
61 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

87 Anthracene, CAS: 120-12-7

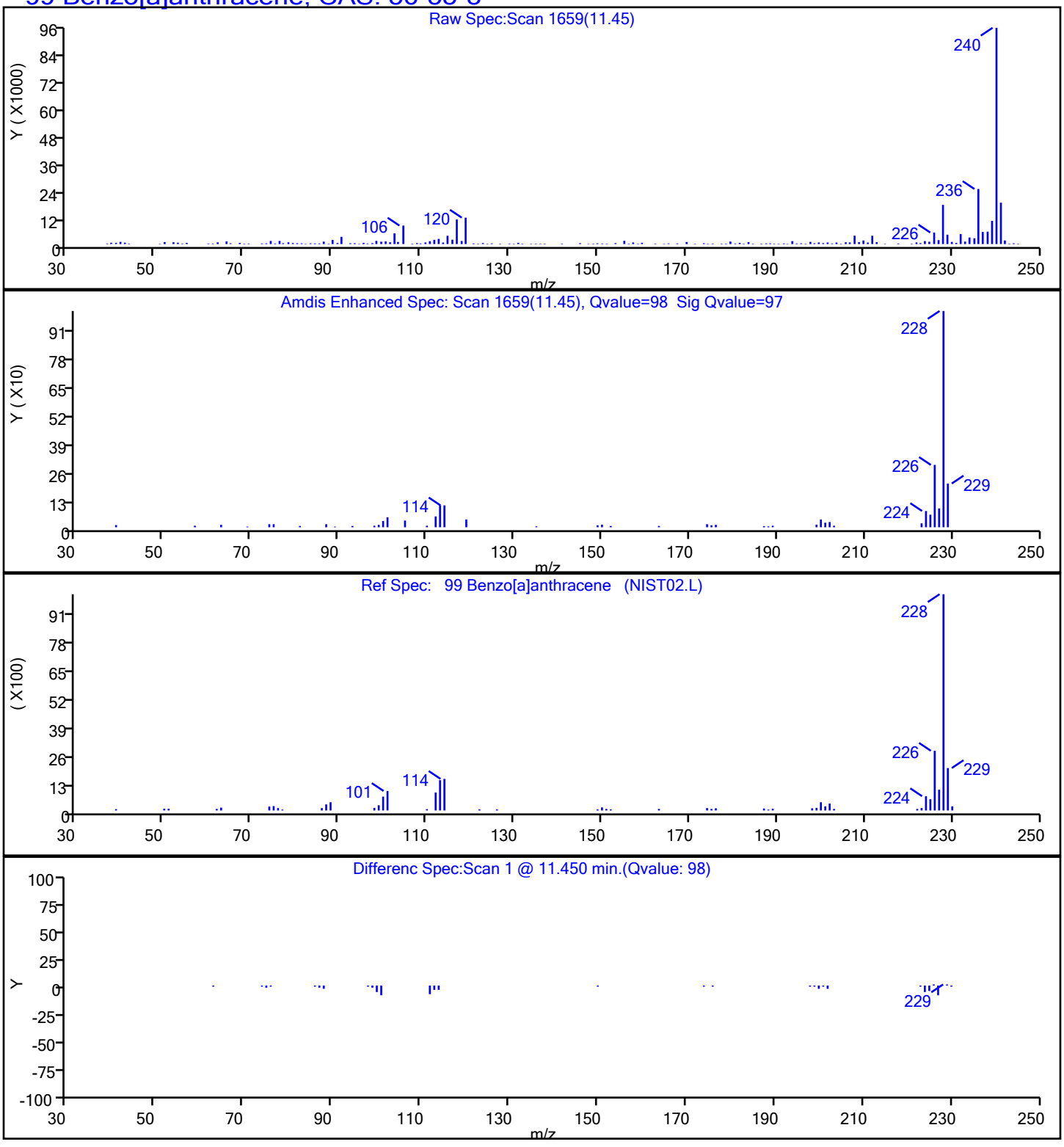


Report Date: 03-May-2021 12:59:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

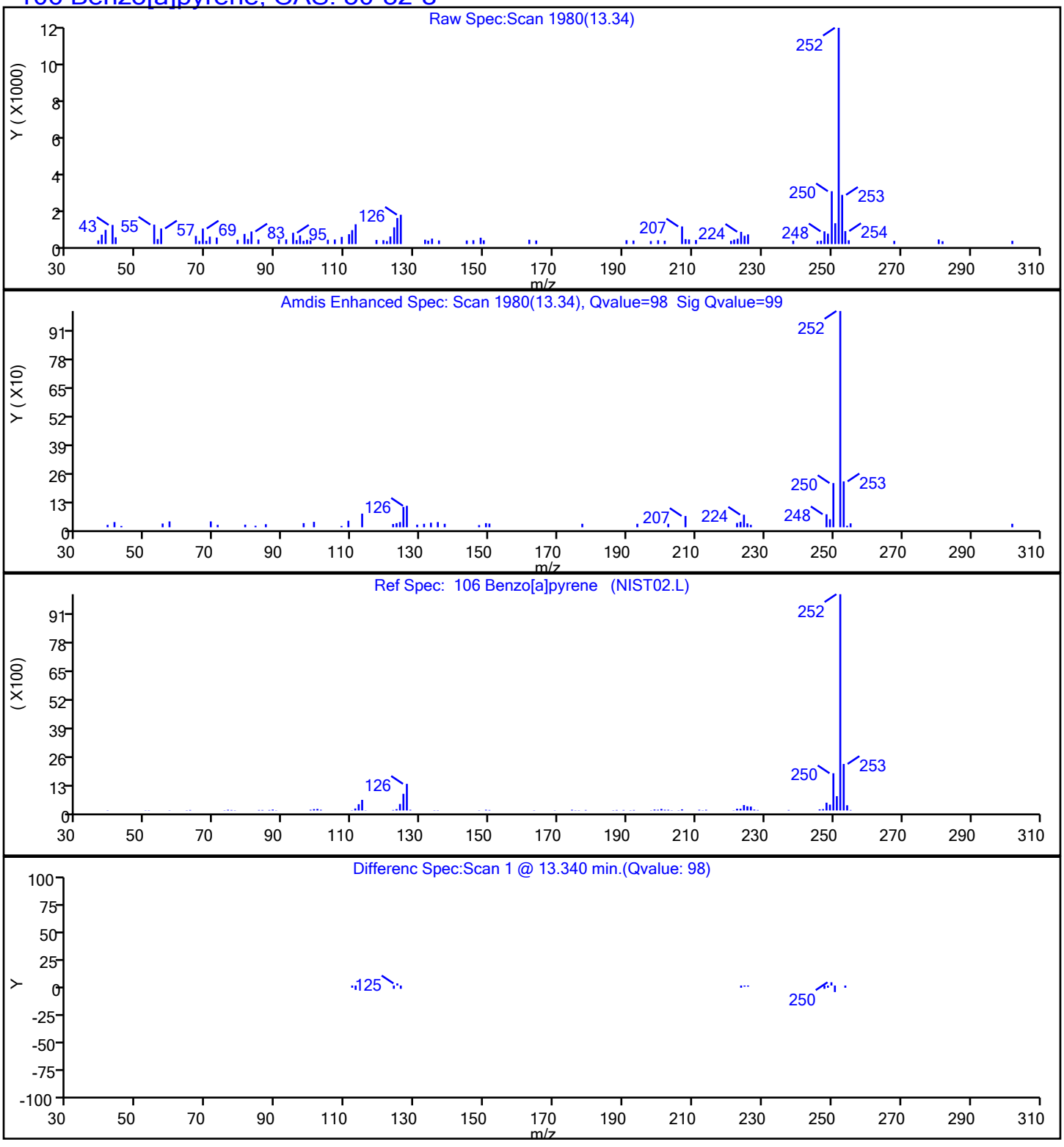
99 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

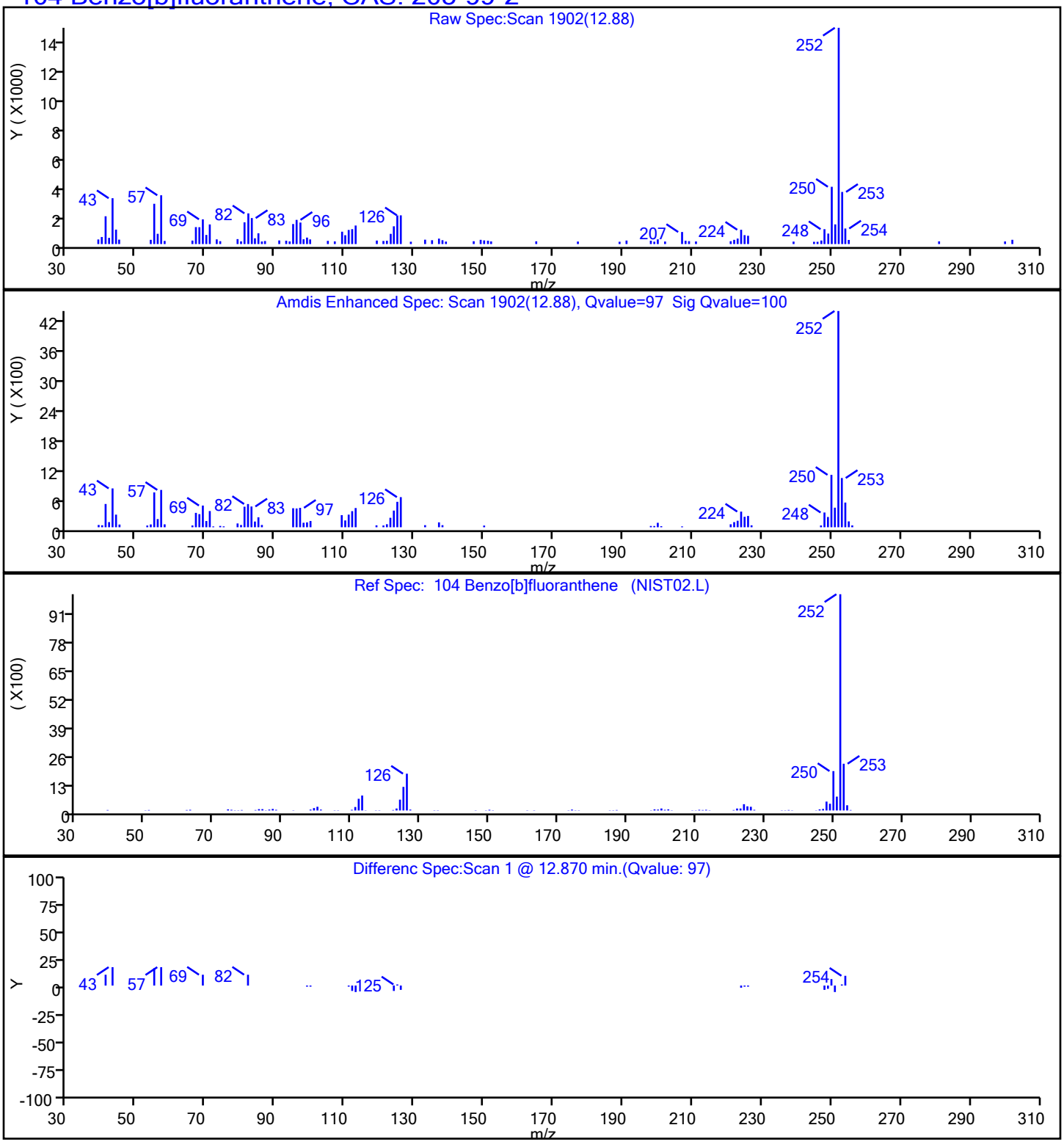
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

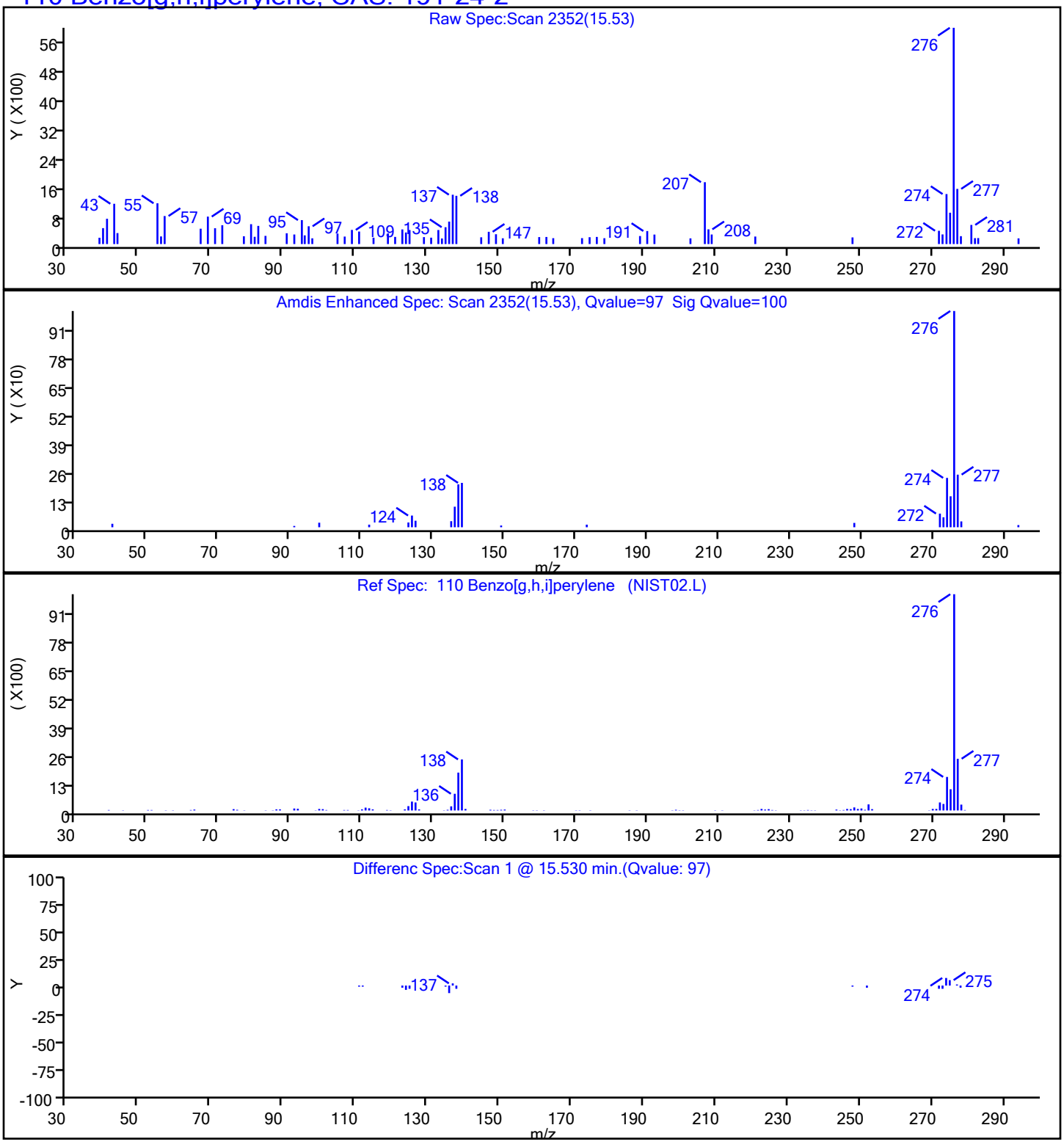
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

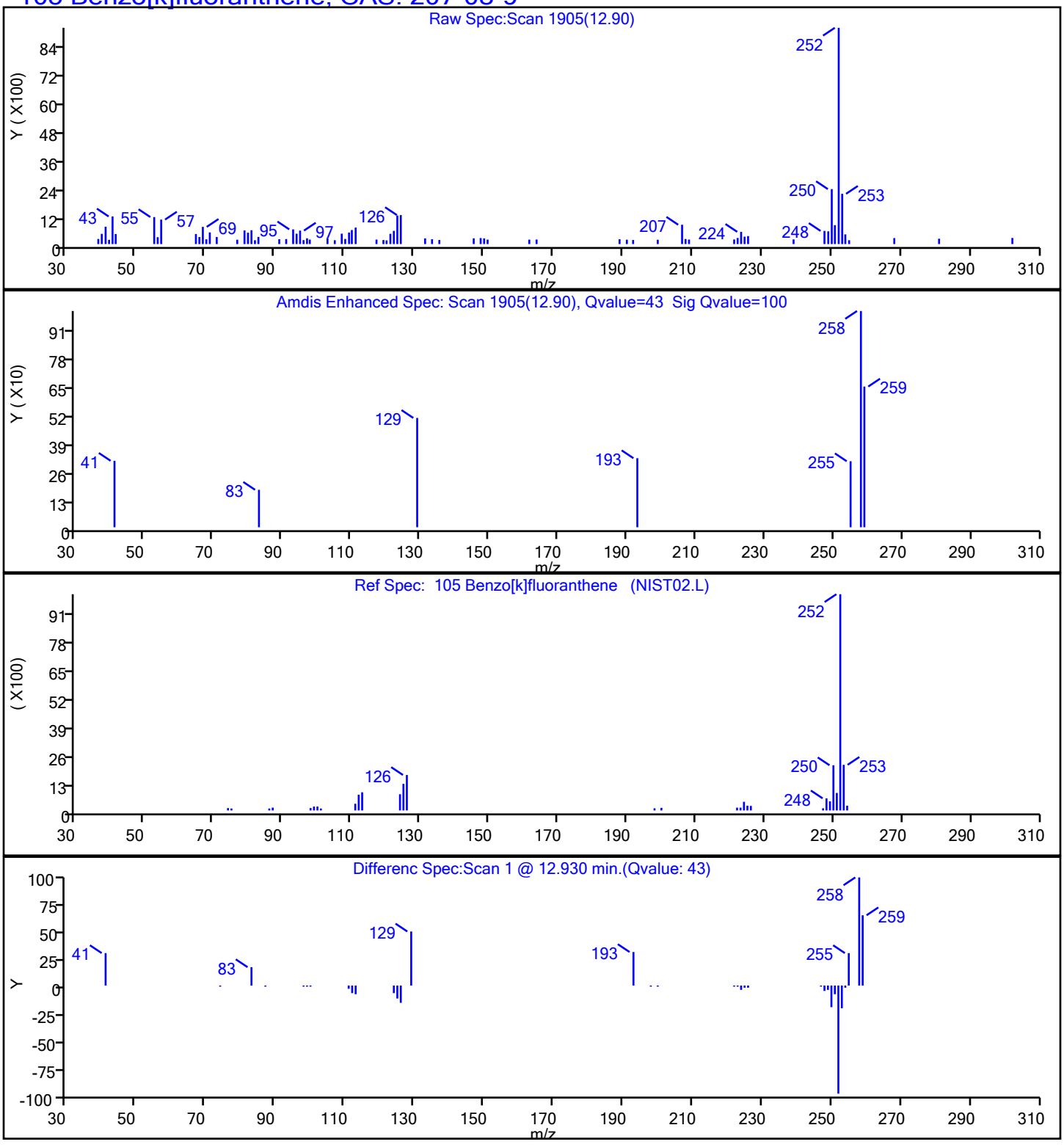
110 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

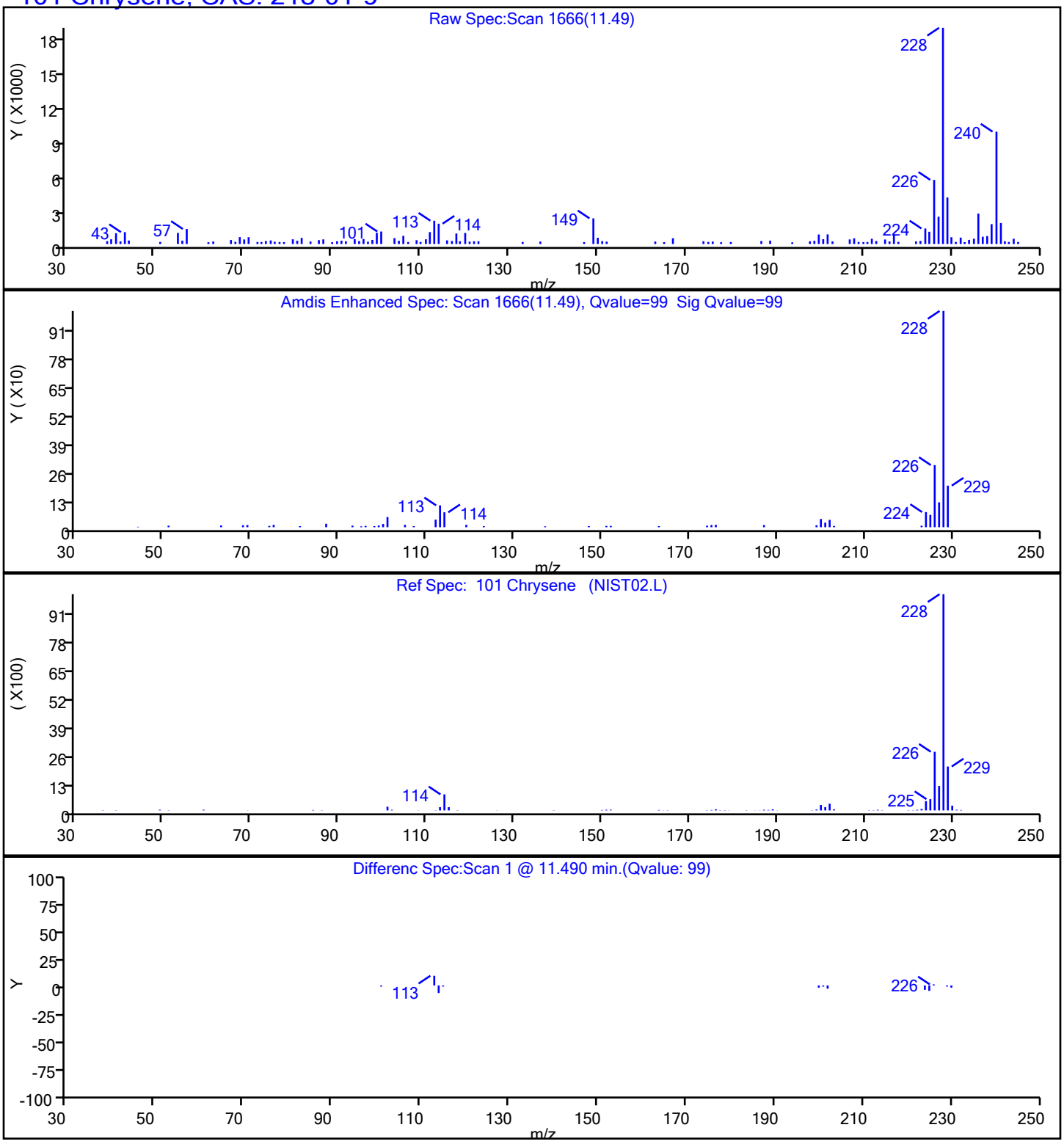


Report Date: 03-May-2021 12:59:37 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

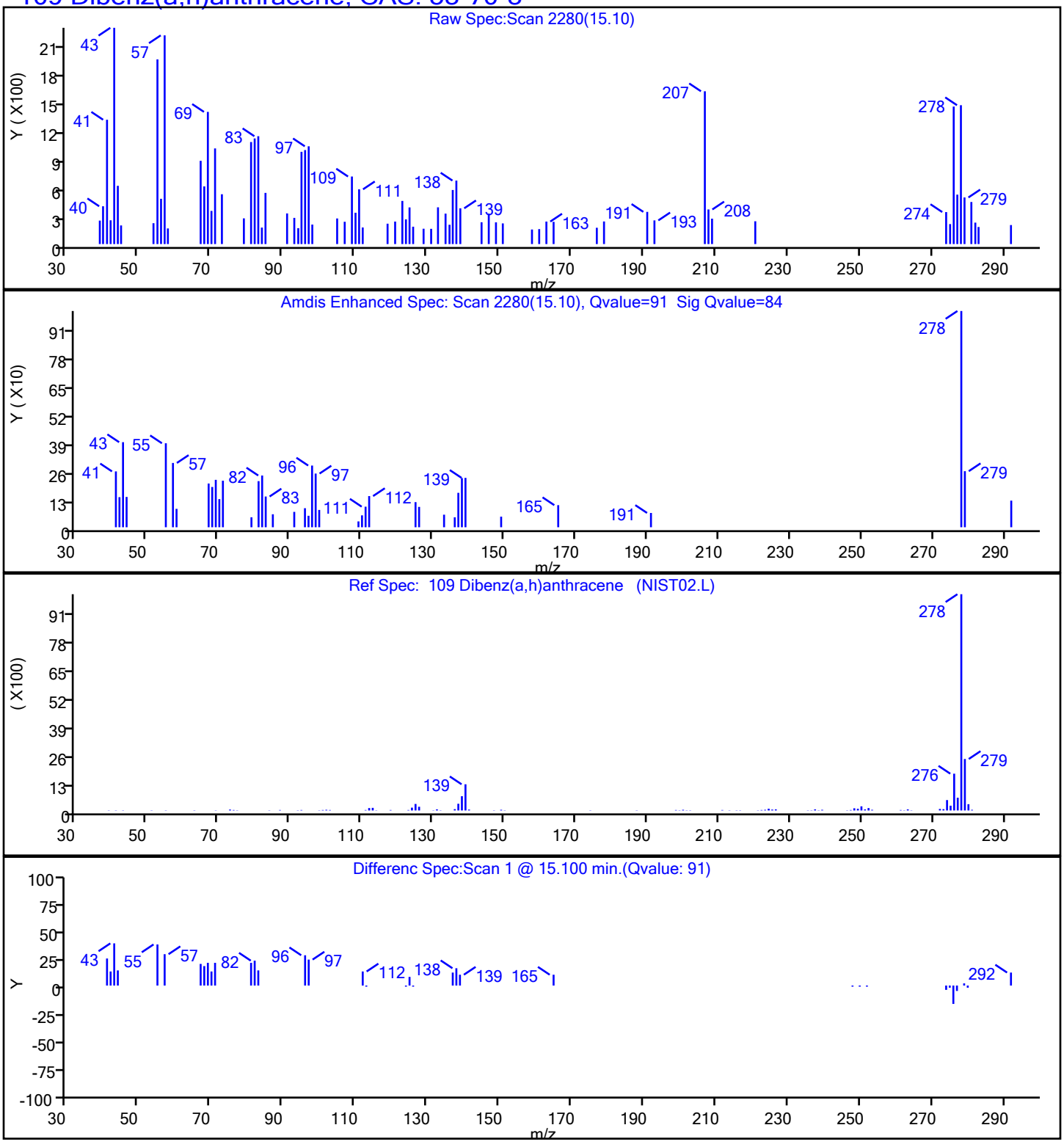
101 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

109 Dibenz(a,h)anthracene, CAS: 53-70-3

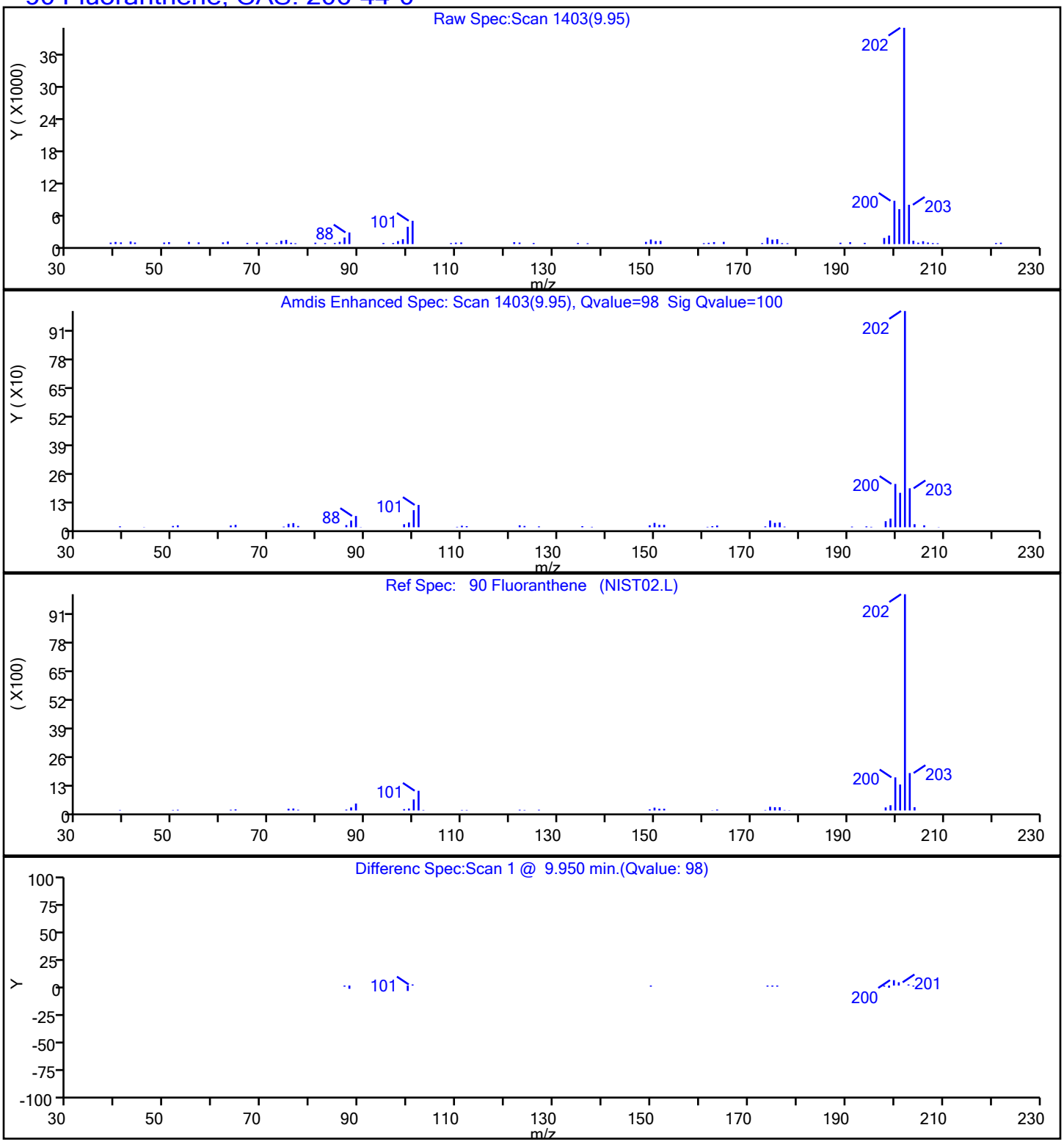


Report Date: 03-May-2021 12:59:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Fluoranthene, CAS: 206-44-0

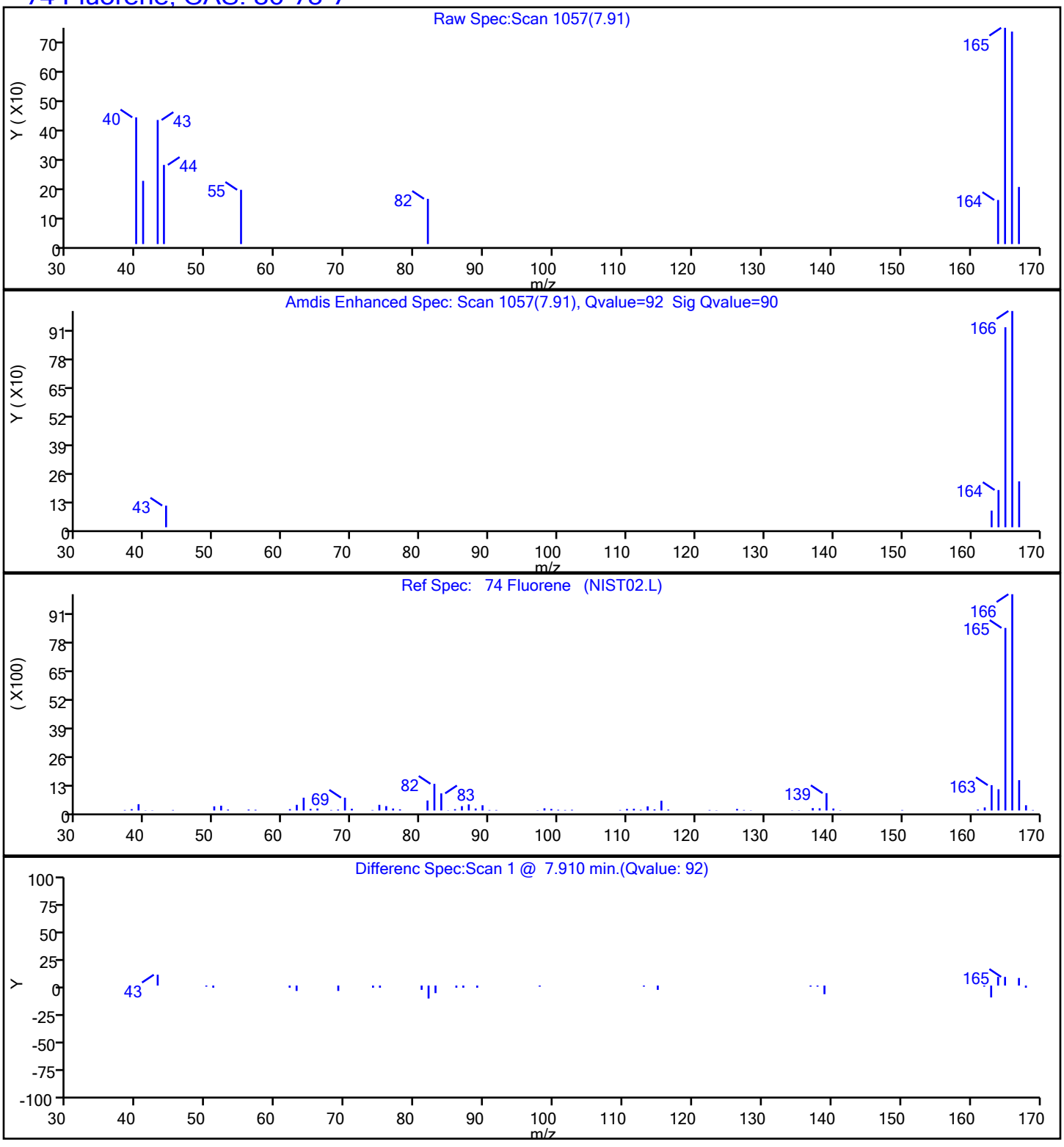


Report Date: 03-May-2021 12:59:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

74 Fluorene, CAS: 86-73-7

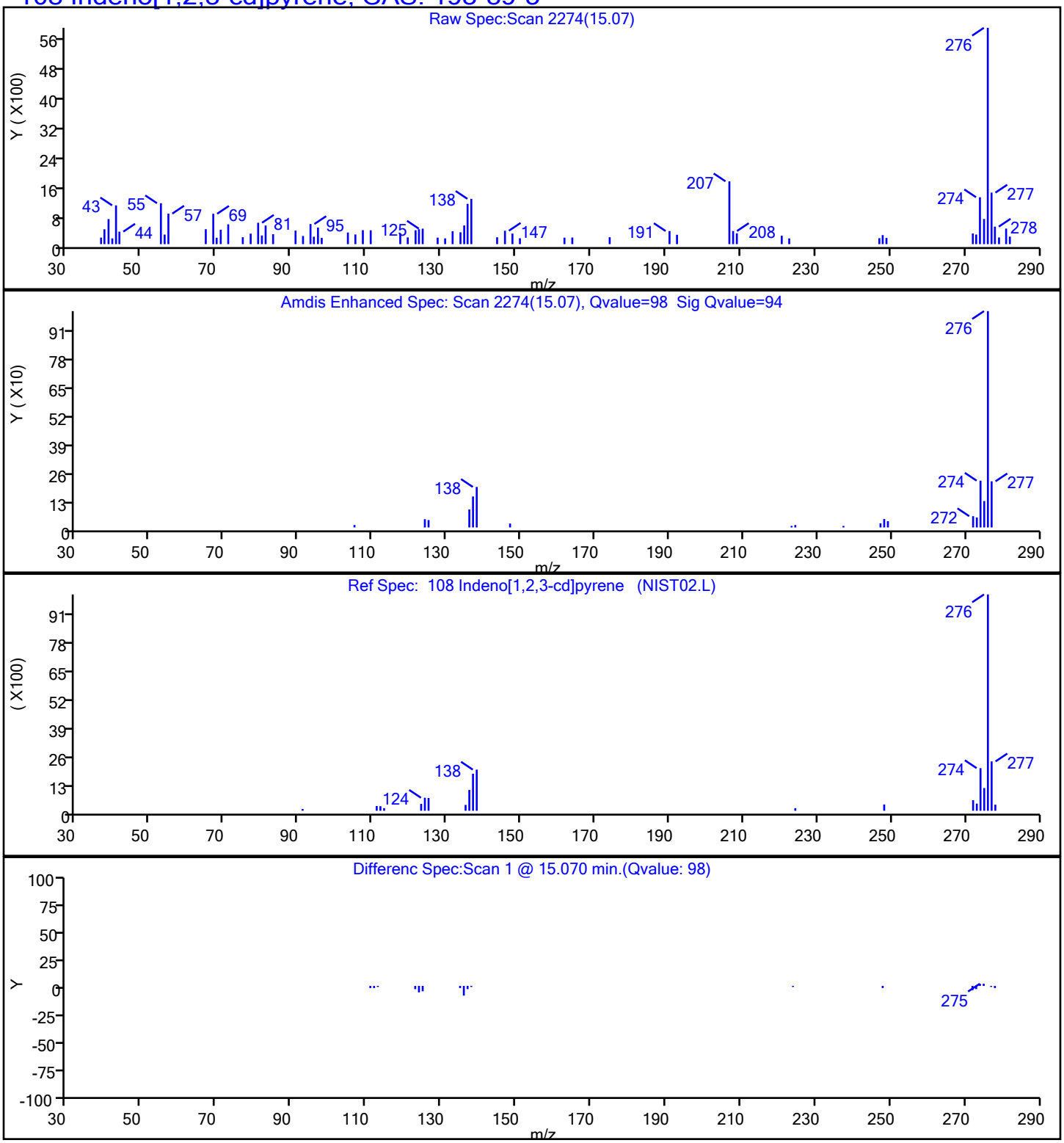


Report Date: 03-May-2021 12:59:37 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

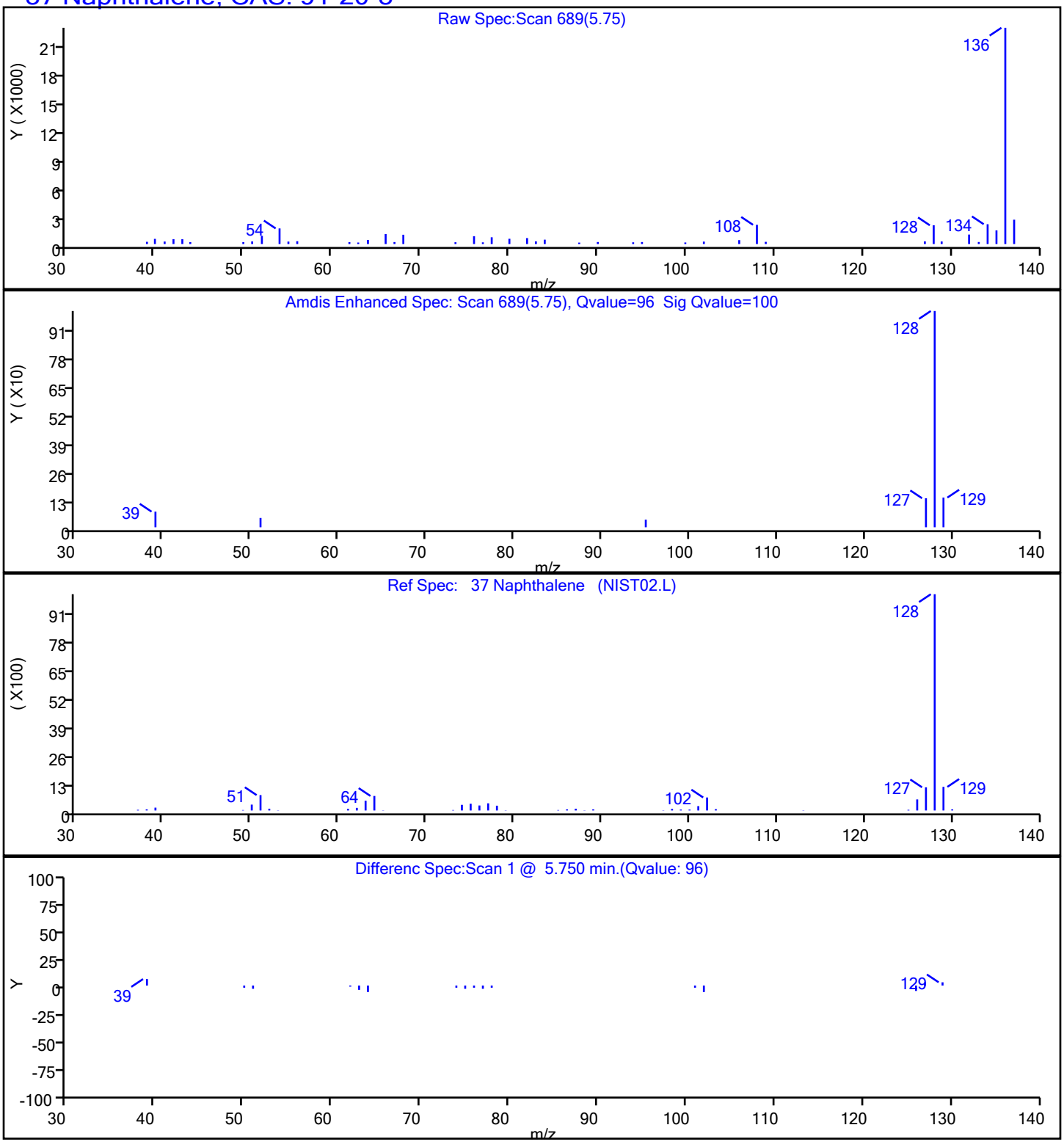


Report Date: 03-May-2021 12:59:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

37 Naphthalene, CAS: 91-20-3

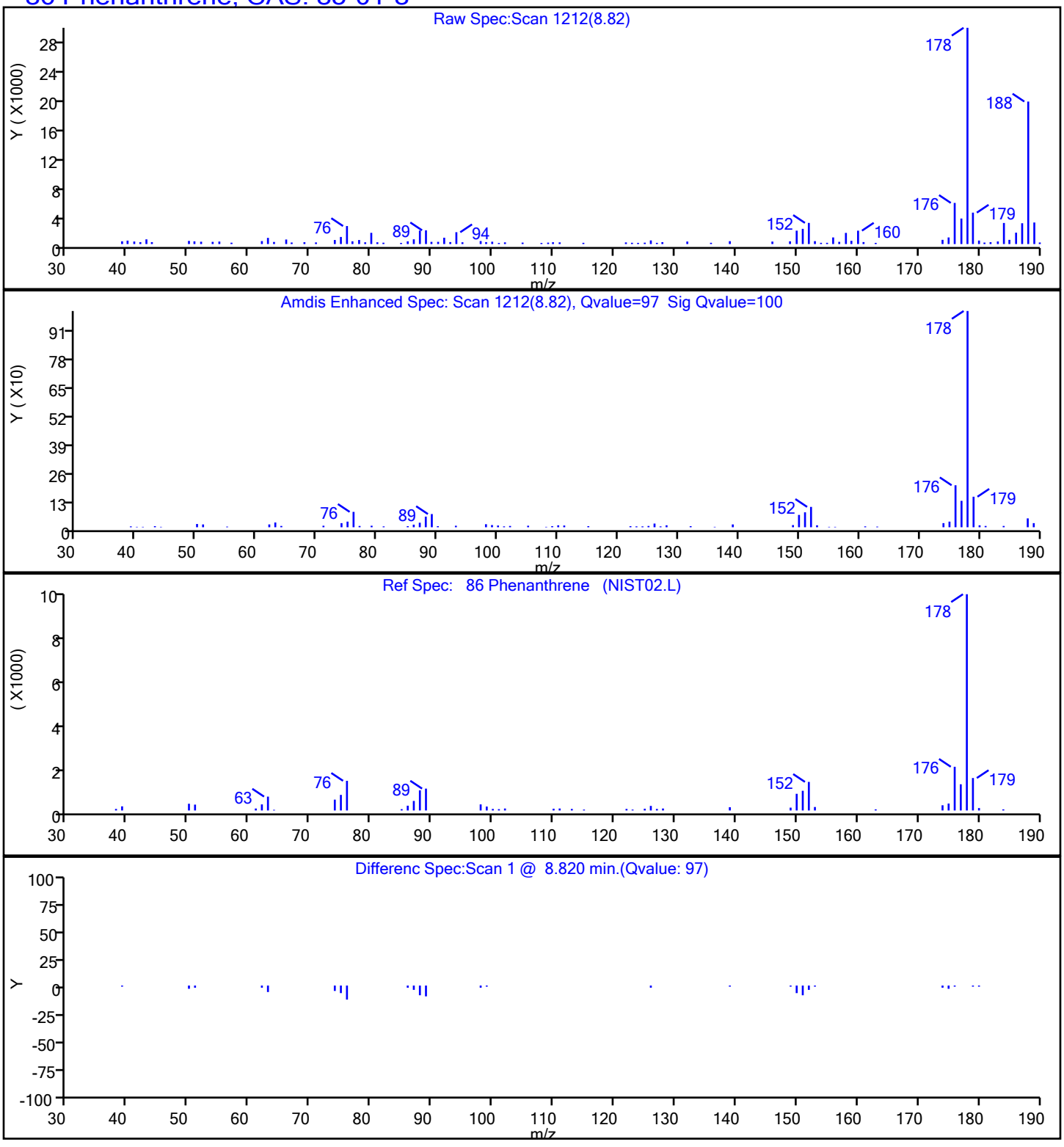


Report Date: 03-May-2021 12:59:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

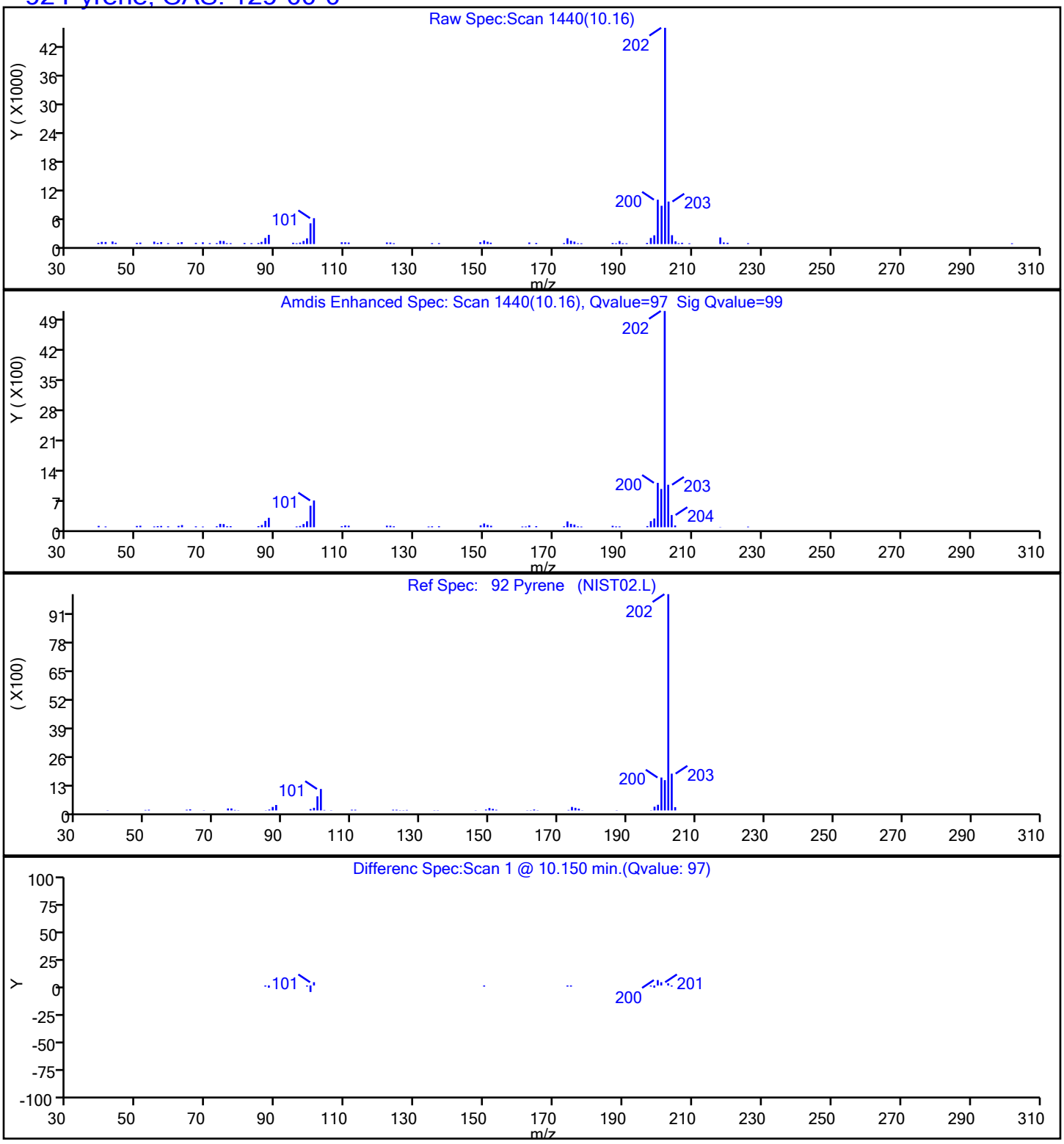
86 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

92 Pyrene, CAS: 129-00-0



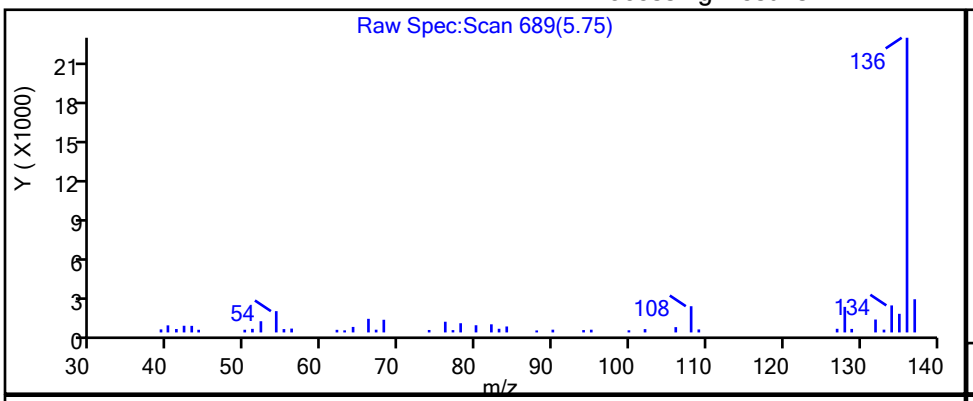
User Disabled Compound Report

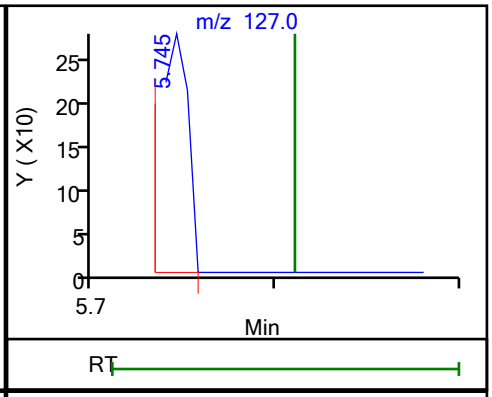
Eurofins TestAmerica, Edison

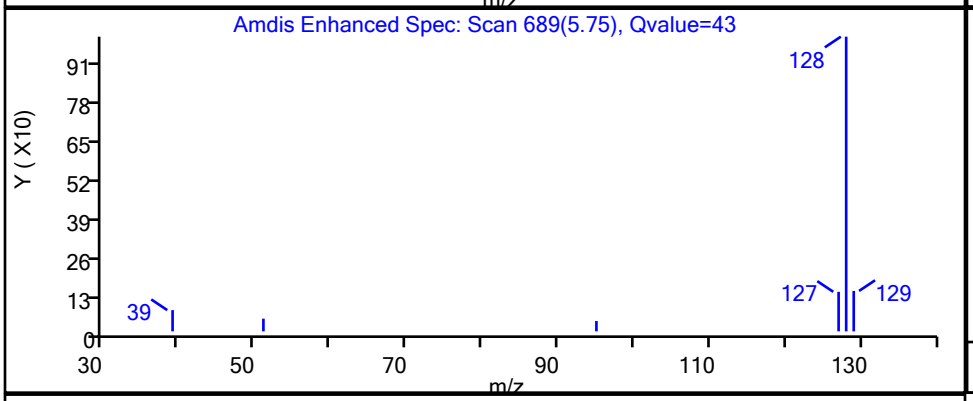
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

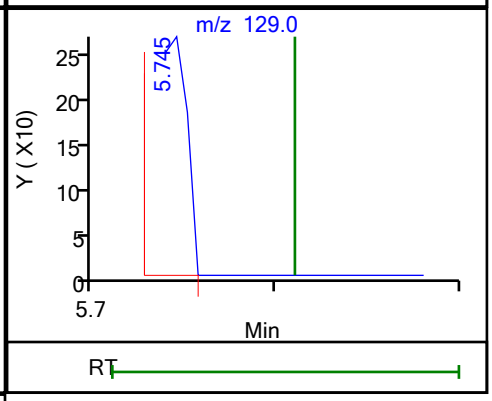
38 4-Chloroaniline, CAS: 106-47-8

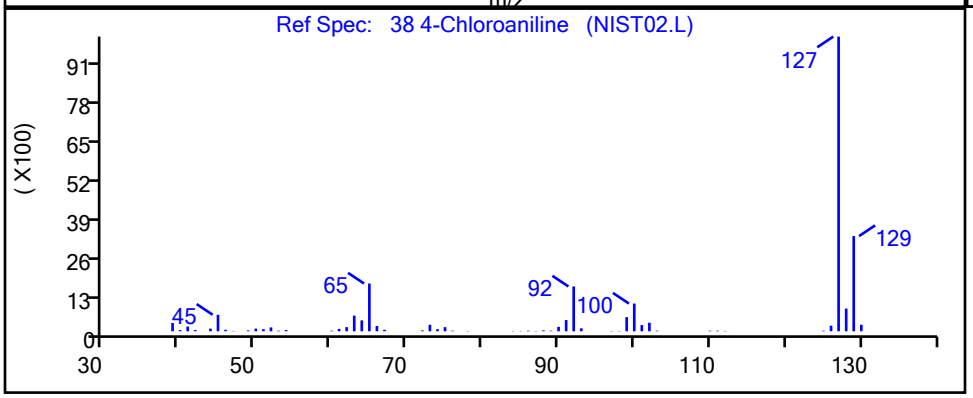
Processing Results











RT	Mass	Response	Amount
5.75	127.00	249	0.059043
5.75	129.00	299	

Reviewer: khlungprakhons, 03-May-2021 12:58:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

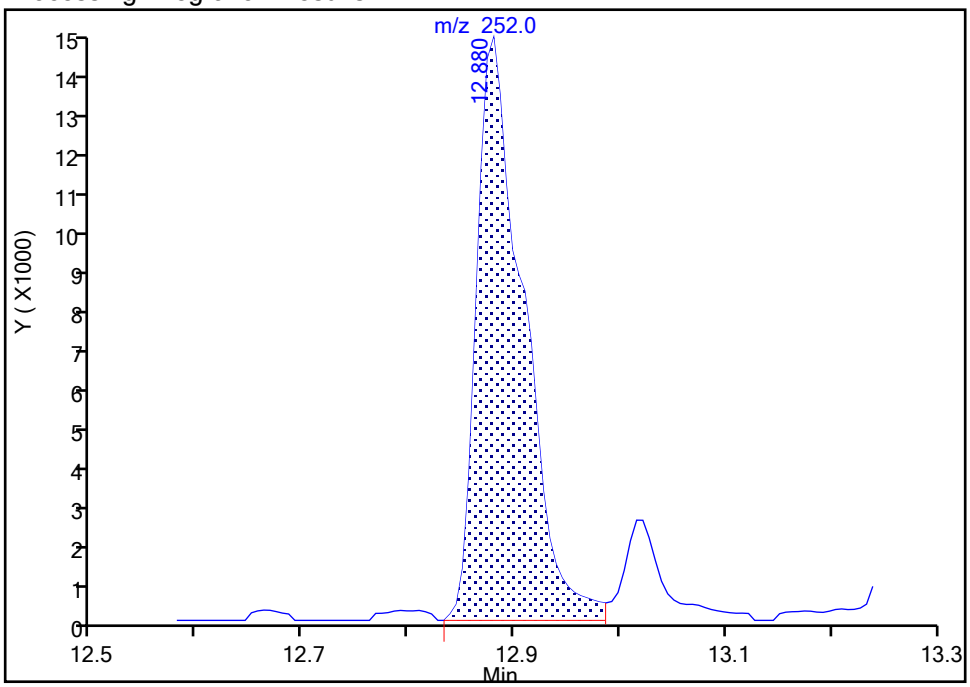
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

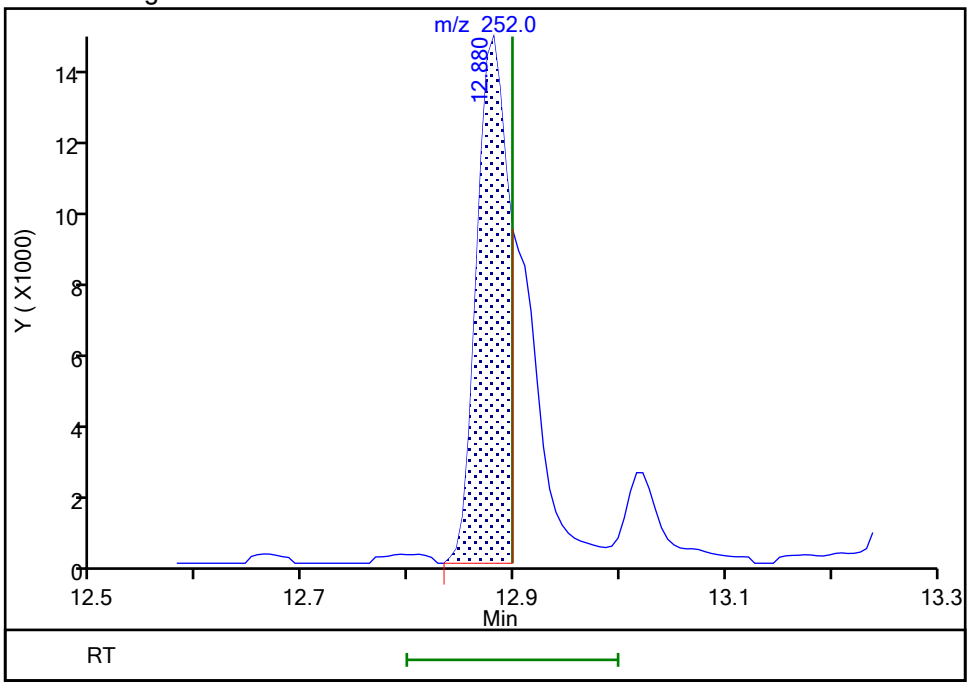
Processing Integration Results

RT: 12.88
Area: 44101
Amount: 5.220772
Amount Units: ug/ml



Manual Integration Results

RT: 12.88
Area: 29941
Amount: 3.544480
Amount Units: ug/ml



Reviewer: khlungprakhons, 03-May-2021 12:59:21

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

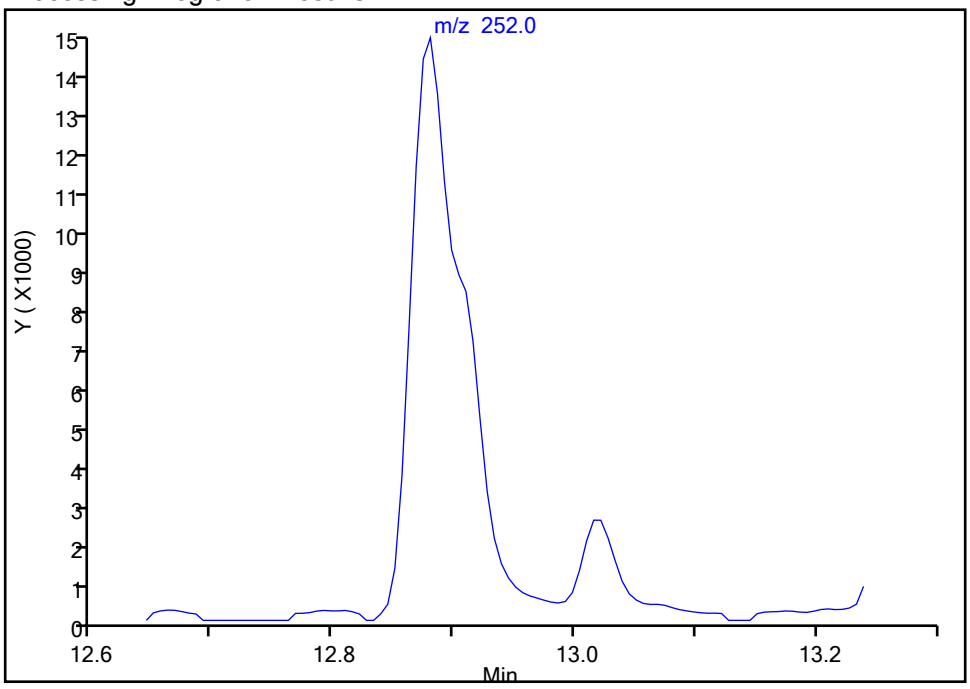
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343145.d				
Injection Date:	30-Apr-2021 18:32:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-3-B	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

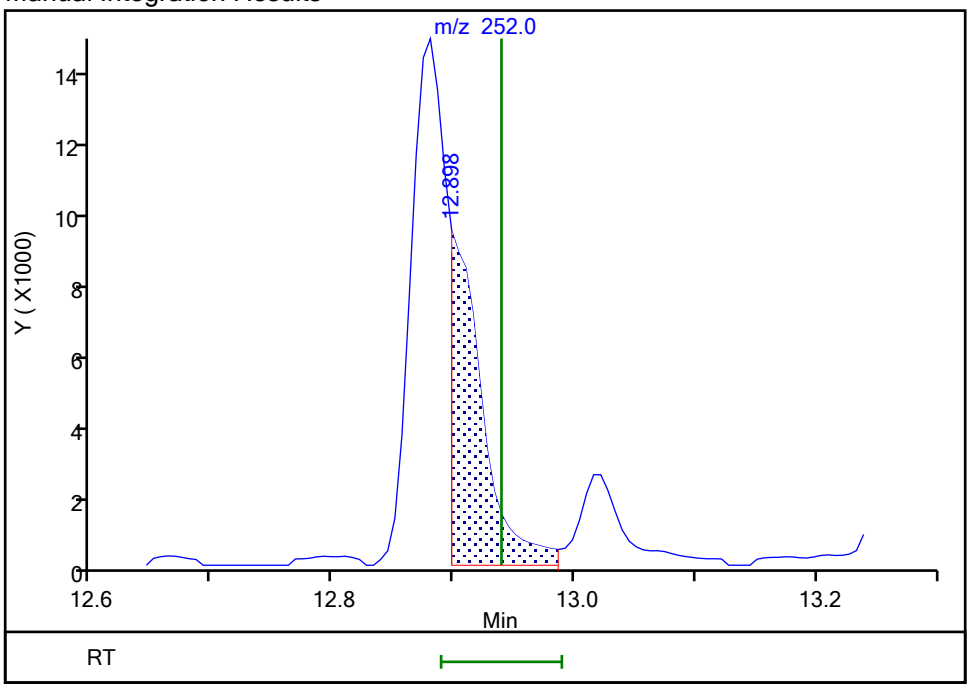
Not Detected
Expected RT: 12.94

Processing Integration Results



Manual Integration Results

RT: 12.90
Area: 17377
Amount: 2.017675
Amount Units: ug/ml



Reviewer: khlungprakhons, 03-May-2021 12:59:28
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-04_4-6_20210428 Lab Sample ID: 460-233141-4

Matrix: Solid Lab File ID: L343138.d

Analysis Method: 8270E Date Collected: 04/28/2021 09:29

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 15:54

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 19.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.041	U	0.041	0.011
95-50-1	1,2-Dichlorobenzene	0.41	U	0.41	0.0070
541-73-1	1,3-Dichlorobenzene	0.41	U	0.41	0.0054
106-46-7	1,4-Dichlorobenzene	0.41	U	0.41	0.016
108-60-1	2,2'-oxybis[1-chloropropane]	0.41	U	0.41	0.0074
121-14-2	2,4-Dinitrotoluene	0.083	U	0.083	0.044
606-20-2	2,6-Dinitrotoluene	0.083	U	0.083	0.030
91-58-7	2-Chloronaphthalene	0.41	U	0.41	0.019
91-57-6	2-Methylnaphthalene	0.41	U	0.41	0.011
88-74-4	2-Nitroaniline	0.41	U	0.41	0.015
91-94-1	3,3'-Dichlorobenzidine	0.16	U	0.16	0.062
99-09-2	3-Nitroaniline	0.41	U	0.41	0.046
101-55-3	4-Bromophenyl phenyl ether	0.41	U	0.41	0.016
106-47-8	4-Chloroaniline	0.41	U	0.41	0.073
7005-72-3	4-Chlorophenyl phenyl ether	0.41	U	0.41	0.014
100-01-6	4-Nitroaniline	0.41	U	0.41	0.047
83-32-9	Acenaphthene	0.41	U	0.41	0.012
208-96-8	Acenaphthylene	0.41	U	0.41	0.0041
120-12-7	Anthracene	0.41	U	0.41	0.012
56-55-3	Benzo[a]anthracene	0.019	J	0.041	0.014
50-32-8	Benzo[a]pyrene	0.017	J	0.041	0.011
205-99-2	Benzo[b]fluoranthene	0.018	J	0.041	0.011
191-24-2	Benzo[g,h,i]perylene	0.41	U	0.41	0.012
207-08-9	Benzo[k]fluoranthene	0.041	U	0.041	0.0080
111-91-1	Bis(2-chloroethoxy)methane	0.41	U	0.41	0.032
111-44-4	Bis(2-chloroethyl)ether	0.041	U	0.041	0.014
117-81-7	Bis(2-ethylhexyl) phthalate	0.41	U	0.41	0.022
85-68-7	Butyl benzyl phthalate	0.41	U	0.41	0.019
86-74-8	Carbazole	0.41	U	0.41	0.016
218-01-9	Chrysene	0.013	J	0.41	0.0069
53-70-3	Dibenz(a,h)anthracene	0.041	U	0.041	0.018
132-64-9	Dibenzofuran	0.41	U	0.41	0.0058
84-66-2	Diethyl phthalate	0.41	U	0.41	0.0059
131-11-3	Dimethyl phthalate	0.41	U	0.41	0.093

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-04_4-6_20210428 Lab Sample ID: 460-233141-4

Matrix: Solid Lab File ID: L343138.d

Analysis Method: 8270E Date Collected: 04/28/2021 09:29

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 15:54

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 19.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.41	U	0.41	0.015
117-84-0	Di-n-octyl phthalate	0.41	U	0.41	0.022
206-44-0	Fluoranthene	0.022	J	0.41	0.014
86-73-7	Fluorene	0.41	U	0.41	0.0056
118-74-1	Hexachlorobenzene	0.041	U	0.041	0.019
87-68-3	Hexachlorobutadiene	0.083	U	0.083	0.0087
77-47-4	Hexachlorocyclopentadiene	0.41	U	0.41	0.036
67-72-1	Hexachloroethane	0.041	U	0.041	0.014
193-39-5	Indeno[1,2,3-cd]pyrene	0.041	U	0.041	0.016
78-59-1	Isophorone	0.16	U	0.16	0.12
91-20-3	Naphthalene	0.41	U	0.41	0.0071
98-95-3	Nitrobenzene	0.041	U	0.041	0.0098
621-64-7	N-Nitrosodi-n-propylamine	0.041	U	0.041	0.030
86-30-6	N-Nitrosodiphenylamine	0.41	U	0.41	0.034
85-01-8	Phenanthrene	0.018	J	0.41	0.0072
129-00-0	Pyrene	0.025	J	0.41	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	68		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	74		11-104
1718-51-0	Terphenyl-d14 (Surr)	89		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343138.d
Lims ID: 460-233141-E-4-B
Client ID: SB-04_4-6_20210428
Sample Type: Client
Inject. Date: 30-Apr-2021 15:54:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127888-018
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 03-May-2021 12:52:20 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: hamziy Date: 30-Apr-2021 20:53:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	4.516	4.522	-0.006	95	96962	40.0	
$ 26 Nitrobenzene-d5	82	5.040	5.040	-0.006	89	109890	36.9	
* 36 Naphthalene-d8	136	5.728	5.734	-0.006	99	369068	40.0	
$ 50 2-Fluorobiphenyl	172	6.757	6.757	-0.006	98	268880	34.0	
* 63 Acenaphthene-d10	164	7.392	7.404	-0.012	95	211733	40.0	
* 85 Phenanthrene-d10	188	8.798	8.810	-0.012	98	415748	40.0	
86 Phenanthrene	178	8.822	8.827	-0.012	92	2655	0.2227	
90 Fluoranthene	202	9.945	9.950	-0.012	96	3655	0.2691	
92 Pyrene	202	10.163	10.169	-0.012	95	3541	0.2971	
$ 94 Terphenyl-d14	244	10.322	10.322	-0.006	98	356963	44.4	
99 Benzo[a]anthracene	228	11.457	11.463	-0.012	46	2502	0.2280	
* 100 Chrysene-d12	240	11.463	11.480	-0.017	99	315339	40.0	
101 Chrysene	228	11.492	11.504	-0.018	92	1634	0.1590	
104 Benzo[b]fluoranthene	252	12.886	12.880	-0.012	88	1967	0.2171	
106 Benzo[a]pyrene	252	13.345	13.368	-0.018	94	1599	0.2002	
* 107 Perylene-d12	264	13.427	13.445	-0.018	99	306366	40.0	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

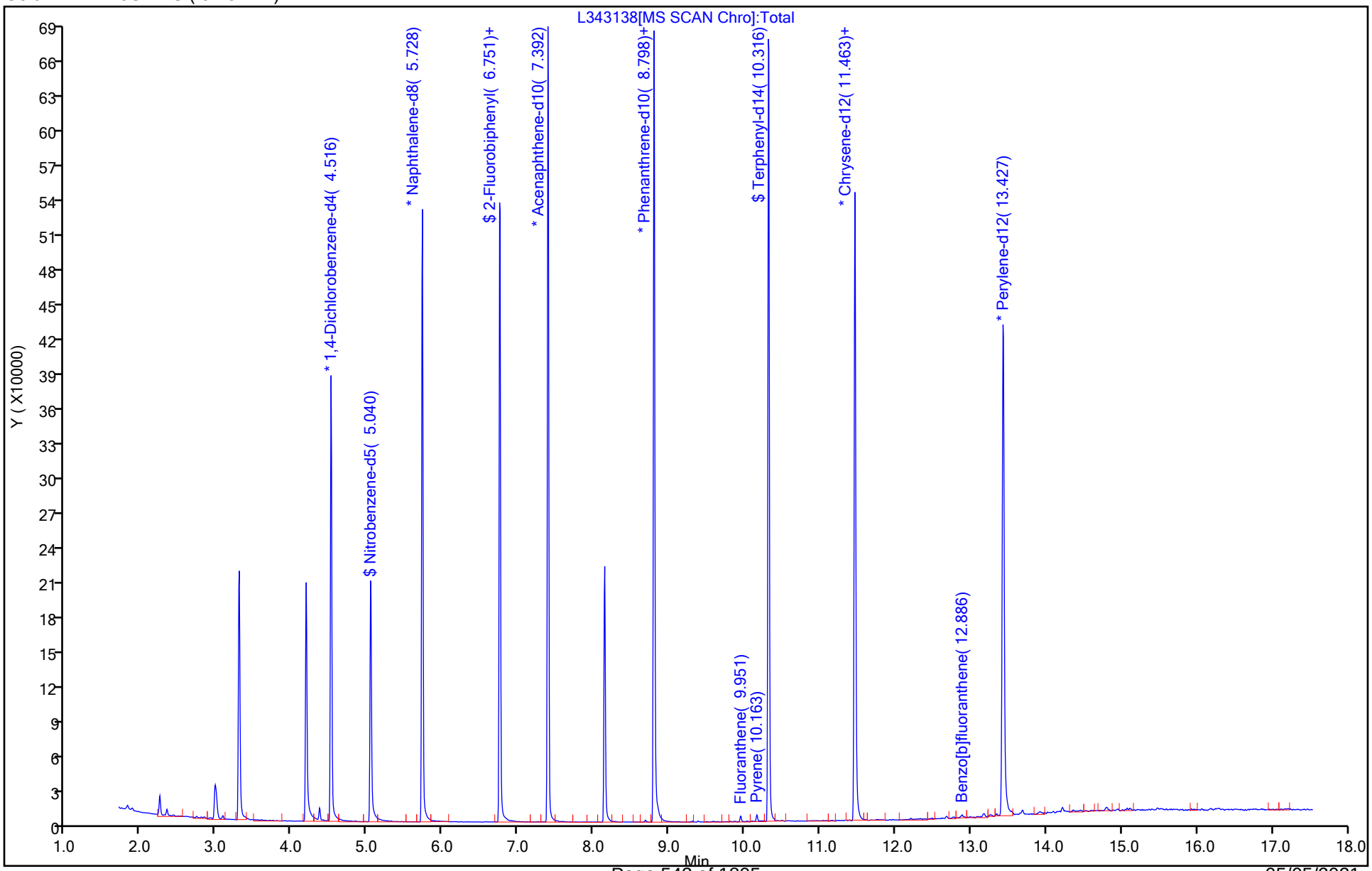
Report Date: 03-May-2021 12:52:21 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343138.d

Injection Date:	30-Apr-2021 15:54:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	460-233141-E-4-B	Lab Sample ID:	460-233141-4	Worklist Smp#:	18
Client ID:	SB-04_4-6_20210428				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

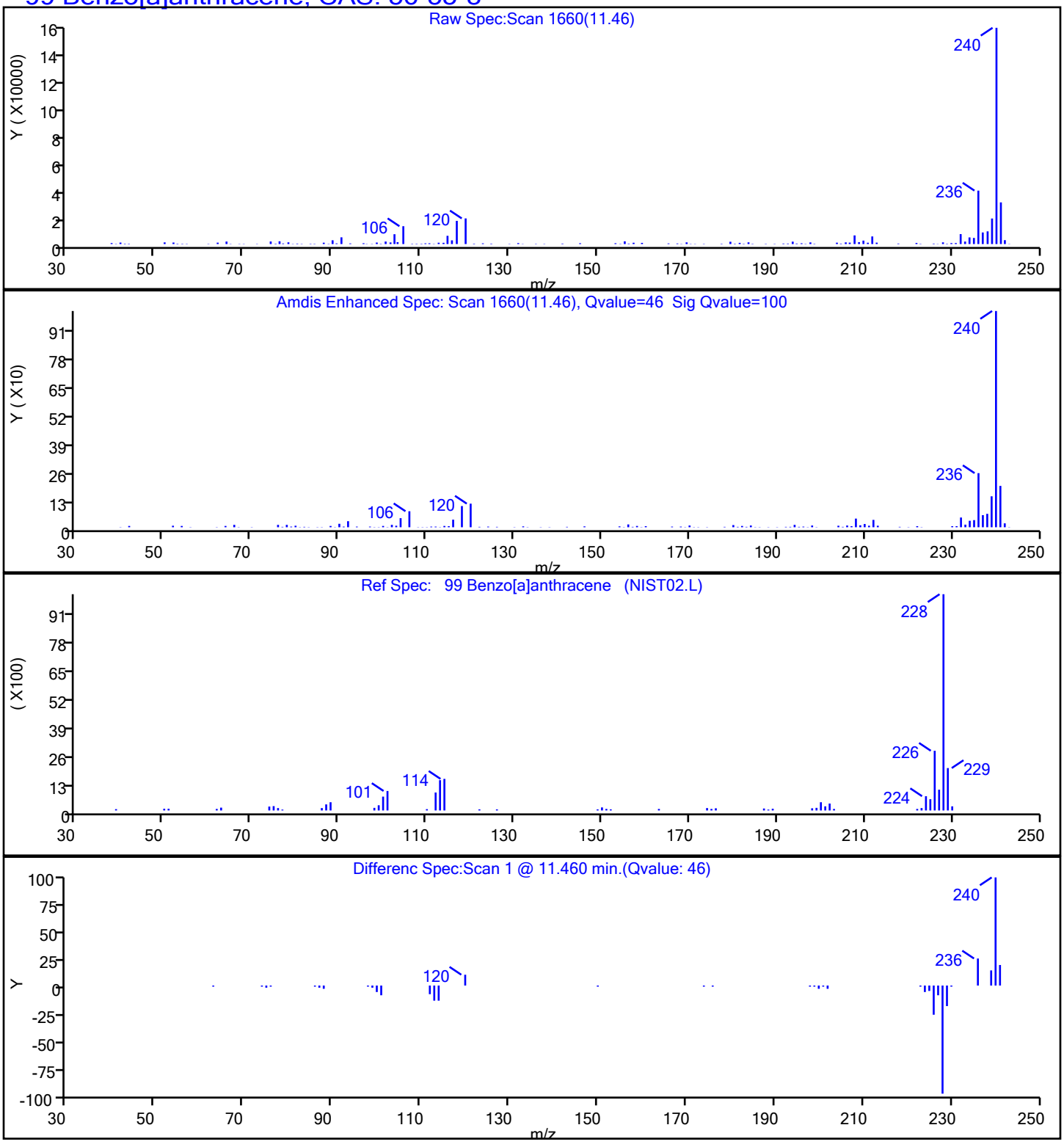


Report Date: 03-May-2021 12:52:21 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343138.d				
Injection Date:	30-Apr-2021 15:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-4-B	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

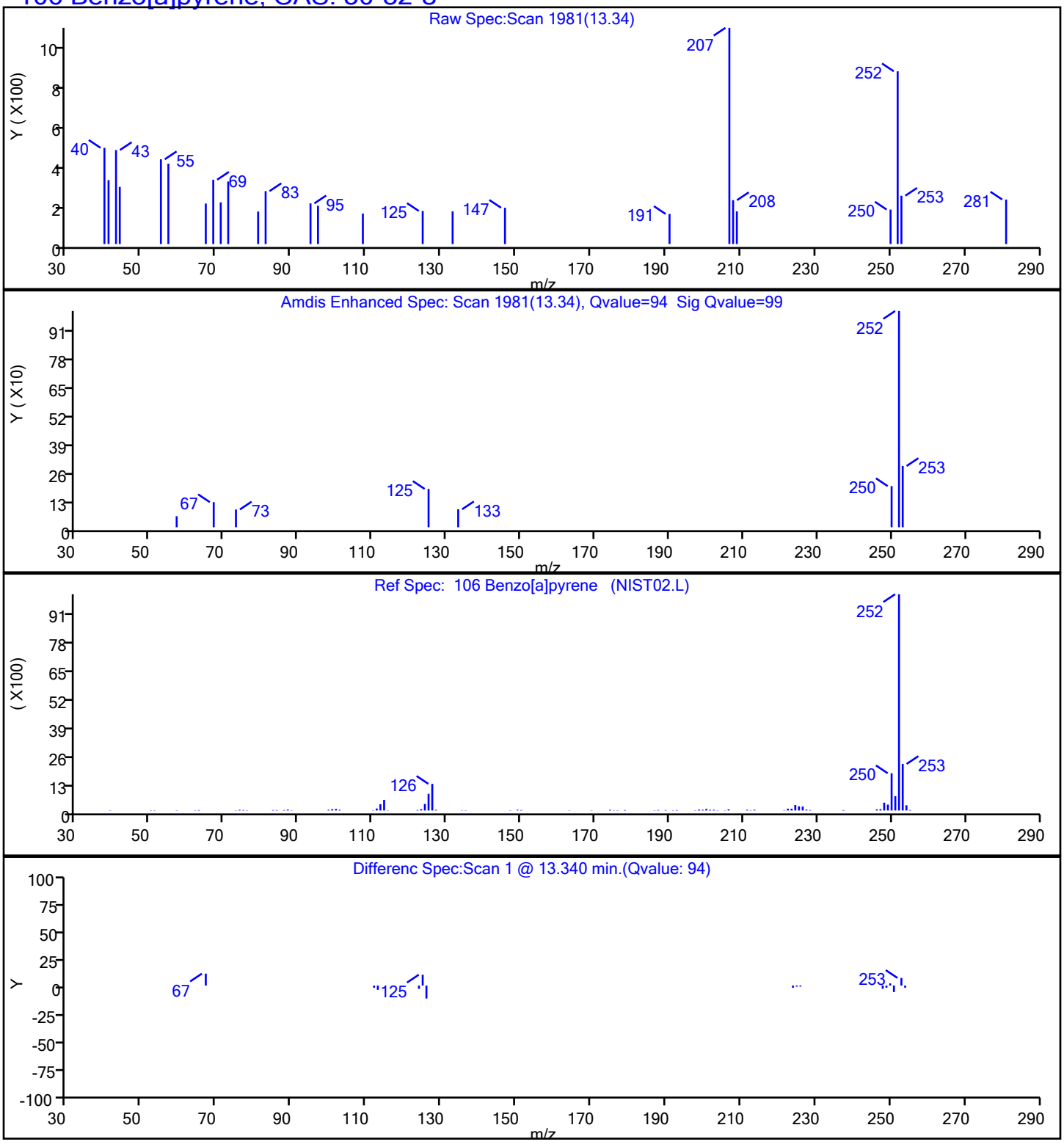
99 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343138.d				
Injection Date:	30-Apr-2021 15:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-4-B	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

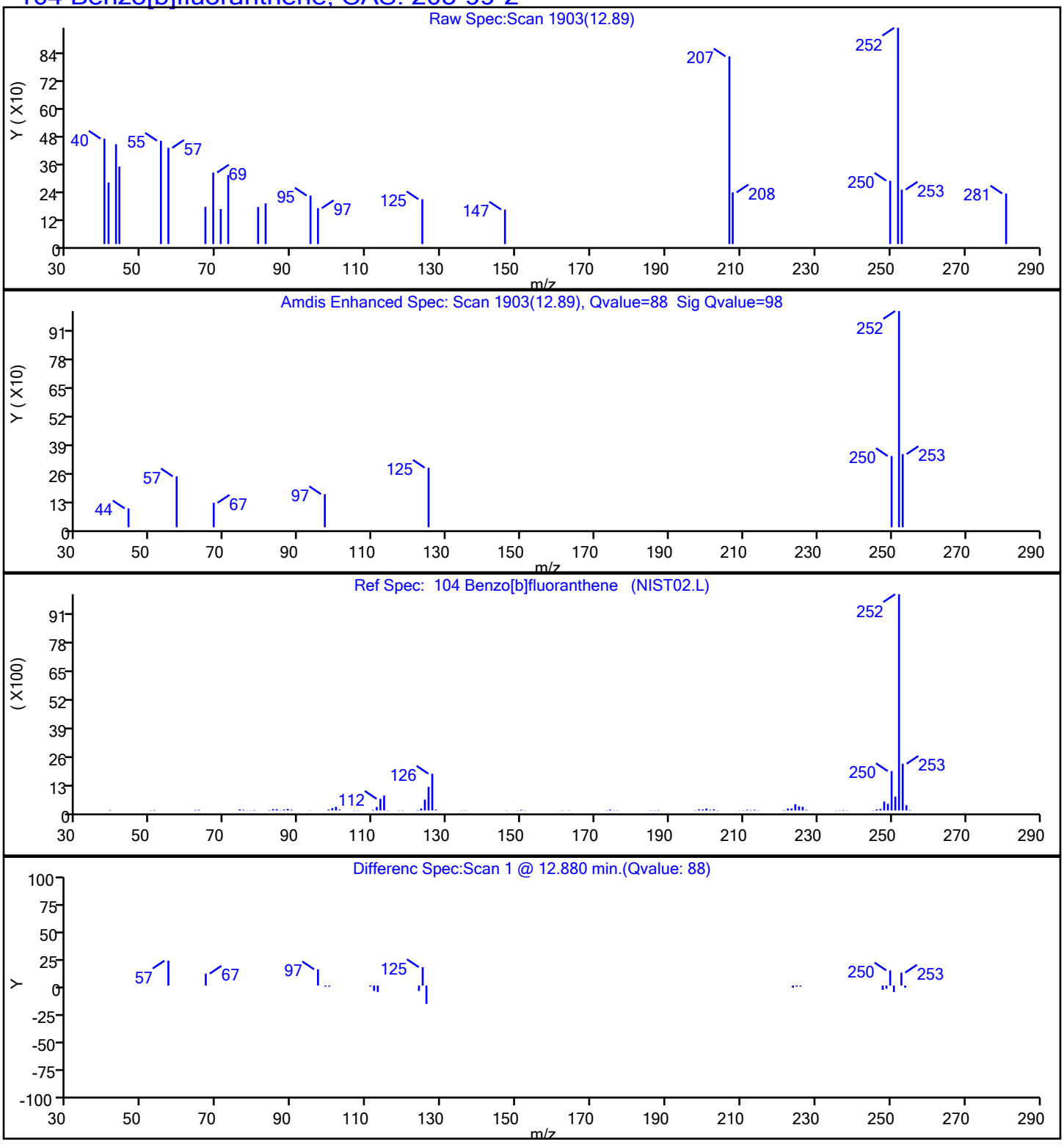
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343138.d				
Injection Date:	30-Apr-2021 15:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-4-B	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Benzo[b]fluoranthene, CAS: 205-99-2

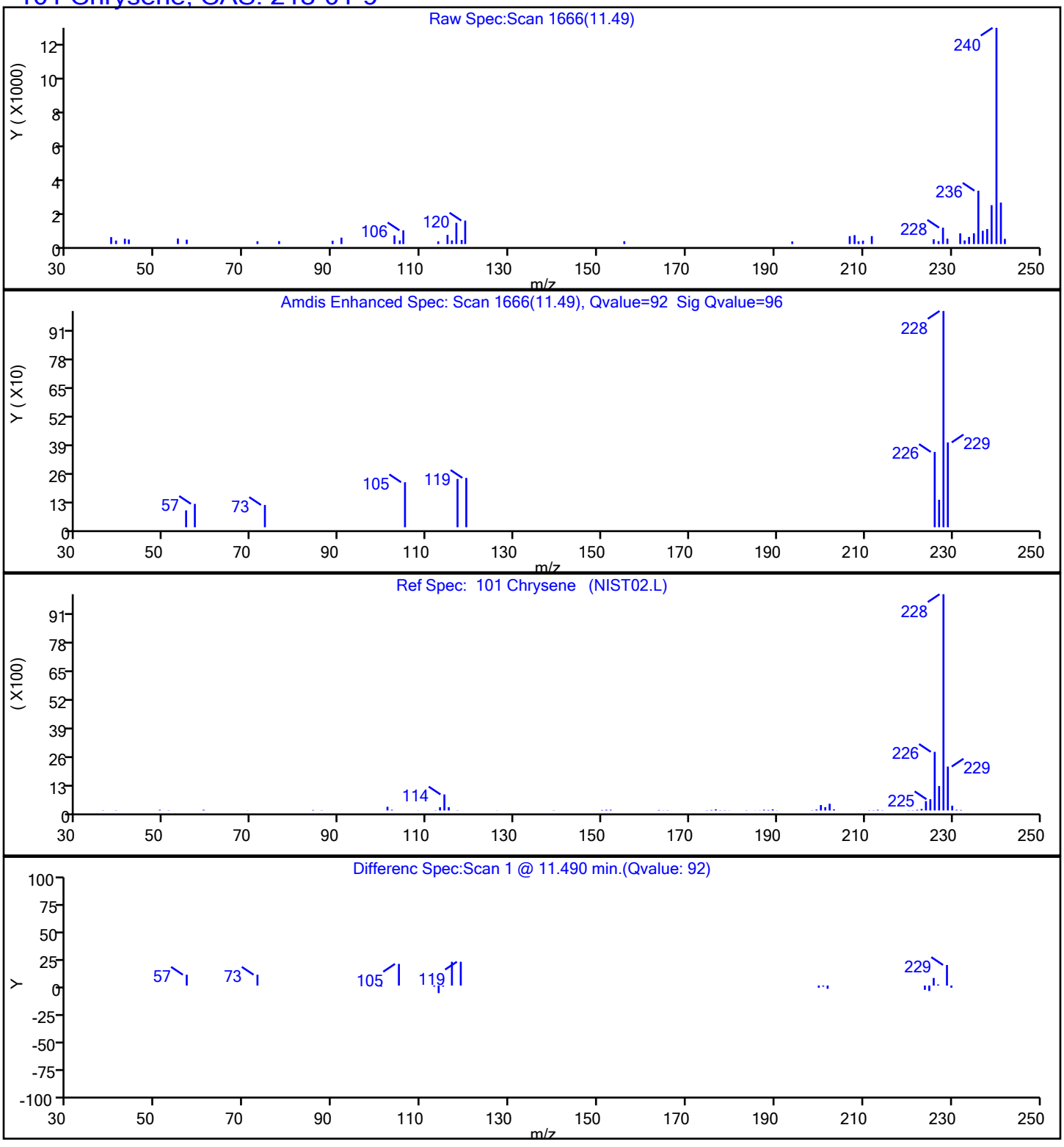


Report Date: 03-May-2021 12:52:21 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343138.d				
Injection Date:	30-Apr-2021 15:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-4-B	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Chrysene, CAS: 218-01-9

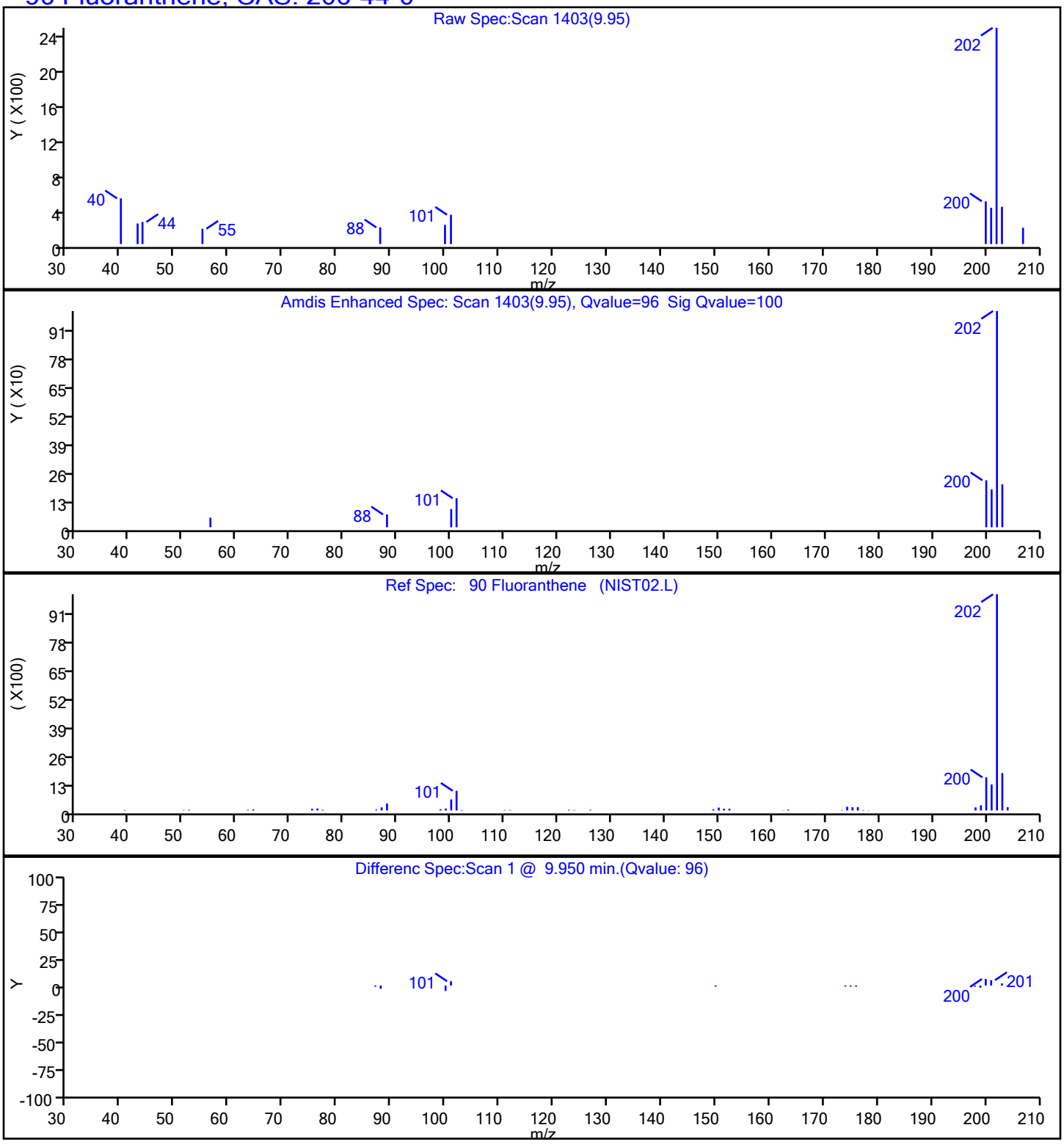


Report Date: 03-May-2021 12:52:21 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343138.d				
Injection Date:	30-Apr-2021 15:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-4-B	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

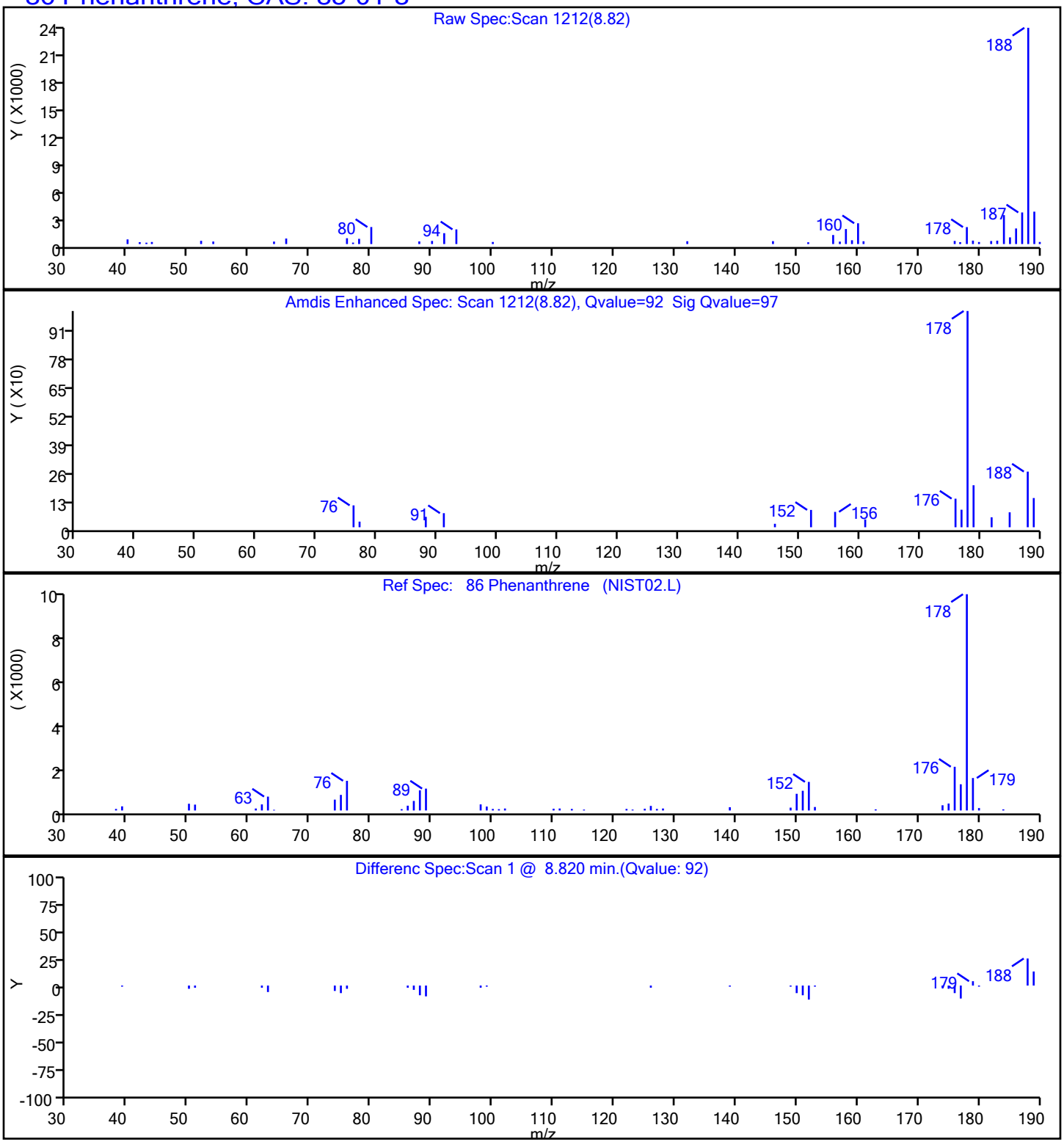
90 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343138.d				
Injection Date:	30-Apr-2021 15:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-4-B	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

86 Phenanthrene, CAS: 85-01-8

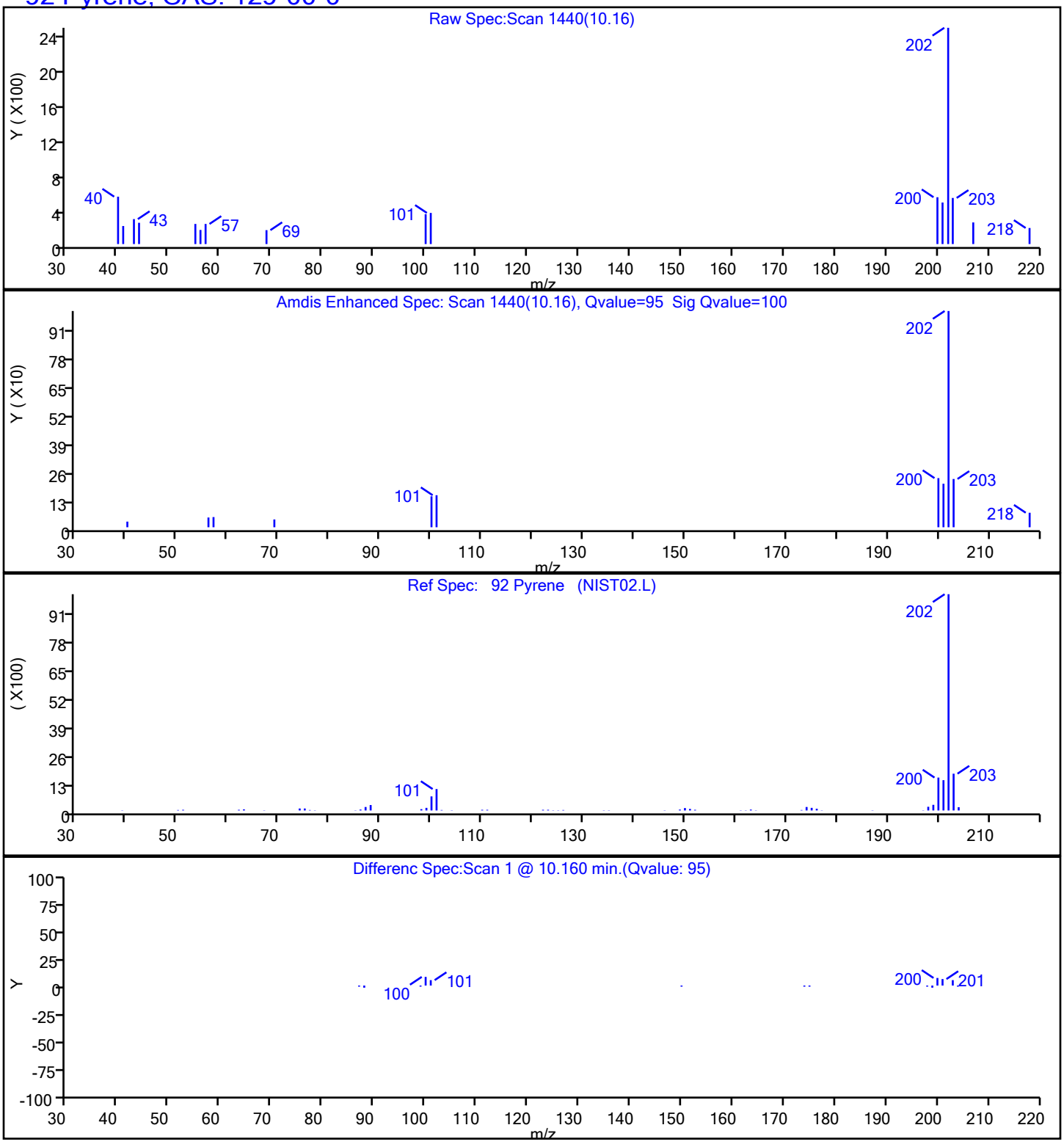


Report Date: 03-May-2021 12:52:21 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343138.d				
Injection Date:	30-Apr-2021 15:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-4-B	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

92 Pyrene, CAS: 129-00-0



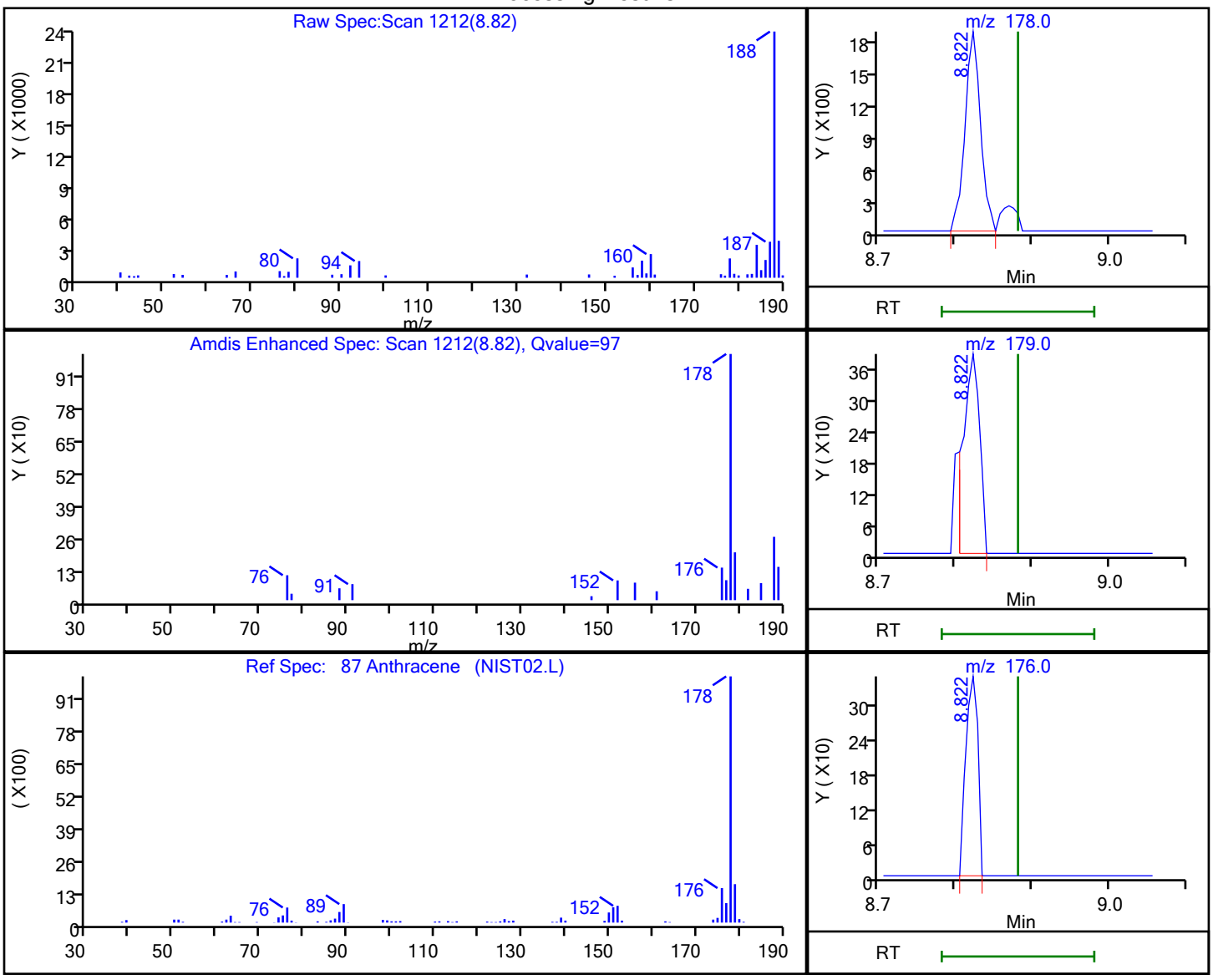
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343138.d				
Injection Date:	30-Apr-2021 15:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-233141-E-4-B	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

87 Anthracene, CAS: 120-12-7

Processing Results



RT	Mass	Response	Amount
8.82	178.00	2655	0.216741
8.82	179.00	561	
8.82	176.00	377	

Reviewer: khlungprakhons, 03-May-2021 12:52:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 769375

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/04/2021 12:49 Calibration End Date: 04/04/2021 16:07 Calibration ID: 84475

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-769375/10	L342541.d
Level 2	STD1 460-769375/9	L342540.d
Level 3	STD2 460-769375/8	L342539.d
Level 4	STD5 460-769375/7	L342538.d
Level 5	STD10 460-769375/6	L342537.d
Level 6	STD20 460-769375/5	L342536.d
Level 7	ICIS 460-769375/2	L342533.d
Level 8	STD80 460-769375/4	L342535.d
Level 9	STD120 460-769375/3	L342534.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	1.1463 0.4440	0.9039 0.4420	0.6399 0.4389	0.6178 0.4121	0.5166	Qua	0.4095	0.4606	-0.000420		0.0100				1.0000		0.9900
N-Nitrosodimethylamine	0.6350	0.6908	0.6650	0.6967 0.6536	0.6963	Ave		0.6729			0.0100	3.8		20.0			
Pyridine	1.1754	1.1110	1.1616	1.1996 1.1269	1.2280	Ave		1.1671			0.0100	3.8		20.0			
Benzaldehyde	0.8507	1.0592 +++++	1.0029 +++++	1.0700 +++++	0.9539	Ave		0.9873			0.0100	9.1		20.0			
Phenol	1.5641	1.6555	1.6797	1.6193 1.6411	1.6714	Ave		1.6385			0.8000	2.6		20.0			
Aniline	1.8898	2.0060	1.9106	2.0201 1.8677	2.0152	Ave		1.9515			0.0100	3.6		20.0			
Bis(2-chloroethyl)ether	1.2408 1.2037	1.2137 1.2319	1.1198 1.1528	1.2131 1.1426	1.2547	Ave		1.1970			0.7000	4.0		20.0			
2-Chlorophenol	1.3387	1.4348	1.3547	1.3948 1.3300	1.4013	Ave		1.3757			0.8000	3.0		20.0			
n-Decane	1.4514	1.4870	1.4090	1.4802 1.3482	1.5289	Ave		1.4508			0.0100	4.4		20.0			
1,3-Dichlorobenzene	1.5764	1.6001	1.5418	1.6225 1.4989	1.6138	Ave		1.5756			0.0100	3.0		20.0			
1,4-Dichlorobenzene	1.5660	1.6247	1.5469	1.6704 1.4981	1.6630	Ave		1.5949			0.0100	4.3		20.0			
Benzyl alcohol	0.8116	0.8527	0.8091	0.8327 0.8030	0.8332	Ave		0.8237			0.0100	2.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 769375

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/04/2021 12:49 Calibration End Date: 04/04/2021 16:07 Calibration ID: 84475

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.5037	1.5213	1.4545	1.5352 1.4041	1.5317	Ave		1.4917			0.0100	3.5		20.0			
2-Methylphenol	1.1139	1.1827	1.1204	1.1606 1.0909	1.1757	Ave		1.1407			0.7000	3.3		20.0			
2,2'-oxybis[1-chloropropane]	1.9357	2.0468	1.8567	2.0740 1.7913	2.0093	Ave		1.9523			0.0100	5.7		20.0			
N-Methylaniline	1.9870	2.0572	1.9669	1.9761 1.9553	2.0211	Ave		1.9940			0.0100	1.9		20.0			
3 & 4 Methylphenol	1.2785	1.3469	1.2698	1.3478 1.2266	1.3458	Ave		1.3026			0.0100	4.0		20.0			
4-Methylphenol	1.2785	1.3469	1.2698	1.3478 1.2266	1.3458	Ave		1.3026			0.6000	4.0		20.0			
Acetophenone	1.8228	1.8974	1.7529	1.9619 1.6729	1.9407	Ave		1.8414			0.0100	6.1		20.0			
N-Nitrosodi-n-propylamine	0.7964 0.8732	0.9657 0.9030	0.9093 0.8589	0.9303 0.8140	0.9104	Ave		0.8846			0.5000	6.2		20.0			
Hexachloroethane	0.4931 0.5672	0.5230 0.5860	0.5557 0.5483	0.5872 0.5298	0.6024	Ave		0.5547			0.3000	6.4		20.0			
Nitrobenzene	0.5128 0.5851	0.5667 0.6048	0.5318 0.5964	0.5957 0.5714	0.5984	Ave		0.5737			0.2000	5.6		20.0			
n,n'-Dimethylaniline	2.0915 1.9371	2.1454 1.9536	1.9566 1.9033	1.9937 1.8675	1.9447	Ave		1.9770			0.0100	4.5		20.0			
Isophorone	0.6017	0.6301	0.5922 0.5947	0.6255 0.5835	0.6385	Ave		0.6095			0.4000	3.5		20.0			
2-Nitrophenol	0.1520	0.1599	0.1671	0.1347 0.1603	0.1481	Ave		0.1537			0.1000	7.5		20.0			
2,4-Dimethylphenol	0.3067	0.3251	0.3046	0.3061 0.3011	0.3179	Ave		0.3103			0.2000	3.0		20.0			
Benzoic acid	0.1673	0.1677	0.1852	0.1041 0.1829	0.1399	Ave		0.1579			0.0100	19.6		20.0			
Bis(2-chloroethoxy)methane	0.3907	0.4033	0.3797	0.4093 0.3709	0.4113	Ave		0.3942			0.3000	4.2		20.0			
2,4-Dichlorophenol	0.3029	0.3236	0.2820 0.3047	0.2974 0.3071	0.3063	Ave		0.3034			0.2000	4.1		20.0			
1,2,4-Trichlorobenzene	0.3481 0.3539	0.3580 0.3719	0.3581 0.3512	0.3648 0.3375	0.3750	Ave		0.3576			0.0100	3.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 769375

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/04/2021 12:49 Calibration End Date: 04/04/2021 16:07 Calibration ID: 84475

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.0068	1.0519	0.9741	1.0430 0.9371	1.0498	Ave		1.0105			0.7000	4.7		20.0			
4-Chloroaniline	0.4413	0.4612	0.4338	0.4549 0.4233	0.4567	Ave		0.4452			0.0100	3.3		20.0			
2,6-Dichlorophenol	0.2930	0.3158	0.2842 0.2954	0.3002 0.2930	0.3082	Ave		0.2986				3.5		20.0			
Hexachlorobutadiene	0.2054	0.1995 0.2150	0.1931 0.2012	0.2159 0.1973	0.2066	Ave		0.2042			0.0100	4.0		20.0			
Caprolactam	0.0924	0.0737 0.1034	0.0747 +++++	0.0916 +++++	0.0888	Ave		0.0874			0.0100	13.0		20.0			
4-Chloro-3-methylphenol	0.2796	0.2968	0.2827	0.2773 0.2795	0.2861	Ave		0.2837			0.2000	2.5		20.0			
2-Methylnaphthalene	0.7155	0.7615	0.7131	0.7466 0.6896	0.7630	Ave		0.7316			0.4000	4.1		20.0			
1-Methylnaphthalene	0.6816	0.7104	0.6733	0.7117 0.6440	0.7128	Ave		0.6890			0.0100	4.0		20.0			
Hexachlorocyclopentadiene	0.4087	0.4557	0.4462	0.4291 0.4415	0.3975	Ave		0.4298			0.0500	5.3		20.0			
1,2,4,5-Tetrachlorobenzene	0.6831	0.7061	0.6681	0.6761 0.6455	0.7066	Ave		0.6809			0.0100	3.4		20.0			
2-tertbutyl-4-methylphenol	0.4404	0.4582	0.4438	0.4465 0.4403	0.4451	Ave		0.4457			0.0100	1.5		20.0			
2,4,6-Trichlorophenol	0.4473	0.4387	0.3538 0.4329	0.3866 0.4388	0.4064	Ave		0.4149			0.2000	8.3		20.0			
2,4,5-Trichlorophenol	0.4600	0.5045	0.4749	0.4622 0.4571	0.4892	Ave		0.4747			0.2000	4.0		20.0			
1,1'-Biphenyl	1.6105	1.6485	1.5407	1.6435 1.4787	1.6654	Ave		1.5979			0.0100	4.6		20.0			
2-Chloronaphthalene	1.2474	1.2738	1.1867	1.2647 1.1392	1.2766	Ave		1.2314			0.8000	4.6		20.0			
Phenyl ether	0.8327	0.8615	0.8256	0.8192 0.8205	0.8243	Ave		0.8306			0.0100	1.9		20.0			
2-Nitroaniline	0.3399	0.3486	0.3523	0.2951 0.3445	0.3341	Ave		0.3358			0.0100	6.2		20.0			
1,3-Dimethylnaphthalene	0.9300	1.0098	0.9473	0.9419 0.9262	0.9639	Ave		0.9532			0.0100	3.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 769375

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/04/2021 12:49 Calibration End Date: 04/04/2021 16:07 Calibration ID: 84475

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dimethyl phthalate	1.4265	1.4503	1.3572	1.4616 1.3245	1.4954	Ave		1.4192			0.0100	4.6		20.0			
Coumarin	0.2595	0.2721	0.2580	0.2721 0.2557	0.2747	Ave		0.2653			0.0100	3.2		20.0			
2,6-Dinitrotoluene	0.2739	0.1542 0.2857	0.2023 0.2898	0.2298 0.2879	0.2543	Ave		0.2472			0.2000	19.7		20.0			
Acenaphthylene	1.9020	1.8823	1.7942	1.9383 1.7133	1.9439	Ave		1.8623			0.9000	4.9		20.0			
3-Nitroaniline	0.2938	0.3047	0.3106	0.2657 0.3067	0.2830	Ave		0.2941			0.0100	5.8		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.0549	1.0787	1.0654	1.0495 1.0633	1.0593	Ave		1.0618			0.0100	0.9		20.0			
Acenaphthene	1.2496	1.3020	1.2400	1.2521 1.1224	1.3062	Ave		1.2454			0.9000	5.3		20.0			
2,4-Dinitrophenol	0.1010	0.1149	0.0508 0.1325	0.0707 0.1341	0.0862	Qua2	-0.1922	0.0950	0.0001926						0.9970		0.9900
4-Nitrophenol	0.2123	0.2180	0.2187	0.1732 0.2153	0.2049	Ave		0.2071			0.0100	8.4		20.0			
2,4-Dinitrotoluene	0.3467	0.2033 0.3743	0.2159 0.3877	0.2869 0.3803	0.3320	Qua2	-0.1500	0.3306	0.0005732						0.9950		0.9900
Dibenzofuran	1.7673	1.8298	1.6932	1.8313 1.6164	1.8277	Ave		1.7609			0.8000	5.1		20.0			
2,3,4,6-Tetrachlorophenol	0.3623	0.3829	0.3659	0.3236 0.3713	0.3554	Ave		0.3602			0.0100	5.6		20.0			
Diethyl phthalate	1.4849	1.4894	1.4178	1.4782 1.3881	1.5702	Ave		1.4714			0.0100	4.3		20.0			
4-Chlorophenyl phenyl ether	0.6693	0.7117	0.6576	0.6801 0.6380	0.7006	Ave		0.6762			0.4000	4.0		20.0			
Fluorene	1.4391	1.4705	1.3625	1.4635 1.3092	1.4689	Ave		1.4190			0.9000	4.8		20.0			
4-Nitroaniline	0.3016	0.3305	0.3207	0.2786 0.3168	0.3053	Ave		0.3089			0.0100	5.9		20.0			
4,6-Dinitro-2-methylphenol	0.0823	0.0883	0.0406 0.1004	0.0564 0.1028	0.0709	Qua1	-0.2133	0.0836	0.0000891						0.9990		0.9900
N-Nitrosodiphenylamine	0.5569	0.5459	0.5291	0.5665 0.5207	0.5622	Ave		0.5469			0.0100	3.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 769375

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/04/2021 12:49 Calibration End Date: 04/04/2021 16:07 Calibration ID: 84475

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.6630	0.6526	0.6277	0.6921 0.6196	0.6748	Ave		0.6550			0.0100	4.2		20.0			
4-Bromophenyl phenyl ether	0.2355	0.2365	0.2351	0.2391 0.2293	0.2385	Ave		0.2356			0.1000	1.5		20.0			
Hexachlorobenzene	0.2498 0.2714	0.2471 0.2648	0.2839 0.2696	0.2771 0.2614	0.2828	Ave		0.2676			0.1000	4.9		20.0			
Atrazine	0.2214	0.1977 0.2343	0.2166 0.2202	0.2098 0.2089	0.2149	Ave		0.2155			0.0100	5.0		20.0			
Pentachlorophenol	0.1568	0.1584	0.1086 0.1693	0.1331 0.1694	0.1499	Ave		0.1494			0.0500	14.6		20.0			
Pentachloronitrobenzene	0.0999	0.1034	0.1097	0.0861 0.1129	0.0923	Ave		0.1007			0.0100	10.1		20.0			
n-Octadecane	0.4935	0.4813	0.4617	0.4828 0.4356	0.4937	Ave		0.4748			0.0100	4.7		20.0			
Phenanthrene	1.1640	1.1447	1.1122	1.2005 1.0754	1.1856	Ave		1.1471			0.7000	4.1		20.0			
Anthracene	1.1748	1.1805	1.1552	1.2387 1.1079	1.2143	Ave		1.1786			0.7000	3.9		20.0			
Carbazole	1.0600	1.0472	1.0194	1.0790 0.9960	1.1144	Ave		1.0527			0.0100	4.0		20.0			
Di-n-butyl phthalate	1.3413	1.3251	1.2808	1.3441 1.2502	1.3914	Ave		1.3222			0.0100	3.8		20.0			
Fluoranthene	1.3174	1.3187	1.2744	1.3127 1.2575	1.3593	Ave		1.3066			0.6000	2.8		20.0			
Benzidine	0.6006	0.7087	0.6562	0.7409 0.6604	0.6216	Ave		0.6647			0.0100	7.9		20.0			
Pyrene	1.5460	1.4512	1.4851	1.5511 1.4594	1.5787	Ave		1.5119			0.6000	3.5		20.0			
Bisphenol-A	0.5589	0.5910	0.6276	0.4426 0.6337	0.5195	Ave		0.5622				12.9		20.0			
Butyl benzyl phthalate	0.6418	0.6174	0.6363	0.5841 0.6266	0.6432	Ave		0.6249			0.0100	3.6		20.0			
2,3,7,8-TCDD		0.1526				Ave		0.1526			0.0100			20.0			
Carbamazepine	0.5824	0.5401	0.6204	0.4932 0.6343	0.5670	Ave		0.5729			0.0100	9.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 769375

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/04/2021 12:49 Calibration End Date: 04/04/2021 16:07 Calibration ID: 84475

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.5211	0.5252	0.4599 0.5375	0.4975 0.5485	0.5250	Ave		0.5164			0.0100	5.7		20.0			
Benzo[a]anthracene	1.4849 1.3914	1.3553 1.3345	1.4038 1.3482	1.4292 1.3360	1.4459	Ave		1.3921			0.8000	3.8		20.0			
Chrysene	1.3335	1.2731	1.2851	1.3398 1.2412	1.3510	Ave		1.3039			0.7000	3.4		20.0			
Bis(2-ethylhexyl) phthalate	0.9509	0.9013	0.9111	0.9156 0.9000	0.9670	Ave		0.9243			0.0100	3.0		20.0			
Di-n-octyl phthalate	1.4104	1.4851	1.3750	1.2783 1.3187	1.4117	Ave		1.3799			0.0100	5.3		20.0			
Benzo[b]fluoranthene	1.0586 1.2168	1.0801 1.3228	1.0796 1.2132	1.2160 1.1714	1.2896	Ave		1.1831			0.7000	8.0		20.0			
Benzo[k]fluoranthene	1.1143 1.3032	1.0576 1.3209	1.2145 1.1830	1.1847 1.1800	1.2983	Ave		1.2063			0.7000	7.4		20.0			
Benzo[a]pyrene	0.9661 1.0850	0.9497 1.1688	0.9841 1.0543	1.0401 1.0368	1.0997	Ave		1.0427			0.7000	6.7		20.0			
Indeno[1,2,3-cd]pyrene	0.9256 1.1806	0.9956 1.3223	1.0500 1.2005	1.1192 1.2300	1.2186	Ave		1.1380			0.5000	11.1		20.0			
Dibenz(a,h)anthracene	0.8909 1.1476	0.9721 1.2644	1.0557 1.1525	1.1096 1.0994	1.1821	Ave		1.0972			0.4000	10.2		20.0			
Benzo[g,h,i]perylene	1.1962	1.3098	1.1643	1.1478 1.1610	1.2277	Ave		1.2011			0.5000	5.0		20.0			
2-Fluorophenol (Surr)	1.2186	1.2001 1.4085	1.3275 1.3030	1.2466 1.3111	1.2559	Ave		1.2839			0.0100	5.3		20.0			
Phenol-d5 (Surr)	1.4371	1.4950 1.6975	1.5678 1.5641	1.4748 1.5721	1.5095	Ave		1.5397			0.0100	5.2		20.0			
Nitrobenzene-d5 (Surr)	0.3180 0.3122	0.3193 0.3564	0.3158 0.3326	0.3060 0.3276	0.3166	Ave		0.3227			0.0100	4.6		20.0			
2-Fluorobiphenyl	1.5639 1.4158	1.4768 1.6366	1.4999 1.4610	1.5123 1.4248	1.4481	Ave		1.4933			0.0100	4.7		20.0			
2,4,6-Tribromophenol (Surr)	0.2178	0.1587 0.2553	0.1723 0.2440	0.2038 0.2432	0.2092	Ave		0.2131			0.0100	16.2		20.0			
Terphenyl-d14 (Surr)	1.0598 0.9877	1.0588 1.0379	0.9970 1.0196	1.0206 1.0005	0.9890	Ave		1.0190			0.0100	2.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 769375

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/04/2021 12:49 Calibration End Date: 04/04/2021 16:07 Calibration ID: 84475

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-769375/10	L342541.d
Level 2	STD1 460-769375/9	L342540.d
Level 3	STD2 460-769375/8	L342539.d
Level 4	STD5 460-769375/7	L342538.d
Level 5	STD10 460-769375/6	L342537.d
Level 6	STD20 460-769375/5	L342536.d
Level 7	ICIS 460-769375/2	L342533.d
Level 8	STD80 460-769375/4	L342535.d
Level 9	STD120 460-769375/3	L342534.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Qua	1625	2603	3672	8026	13887	0.500	1.00	2.00	5.00	10.0
			26602	62459	96192	137808		20.0	50.0	80.0	120	
N-Nitrosodimethylamine	DCBd 4	Ave				9051	18718				5.00	10.0
			38051	97616	145736	218549		20.0	50.0	80.0	120	
Pyridine	DCBd 4	Ave				31168	66019				10.0	20.0
			140854	313968	509125	753611		40.0	100	160	240	
Benzaldehyde	DCBd 4	Ave		3050	5755	13900	25642		1.00	2.00	5.00	10.0
			40780	+++++	+++++	+++++		16.0	+++++	+++++	+++++	
Phenol	DCBd 4	Ave				21036	44927				5.00	10.0
			93720	233920	368110	548713		20.0	50.0	80.0	120	
Aniline	DCBd 4	Ave				26243	54169				5.00	10.0
			113234	283449	418711	624488		20.0	50.0	80.0	120	
Bis(2-chloroethyl)ether	DCBd 4	Ave	1759	3495	6426	15759	33727	0.500	1.00	2.00	5.00	10.0
			72124	174072	252650	382058		20.0	50.0	80.0	120	
2-Chlorophenol	DCBd 4	Ave				18120	37666				5.00	10.0
			80217	202741	296898	444705		20.0	50.0	80.0	120	

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 769375

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/04/2021 12:49 Calibration End Date: 04/04/2021 16:07 Calibration ID: 84475

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Decane	DCBd 4	Ave	86968	210111	308789	19229 450798	41096	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	94456	226090	337901	21078 501189	43379	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	93834	229577	339022	21701 500916	44703	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCBd 4	Ave	48632	120488	177324	10818 268508	22396	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	90102	214961	318753	19944 469472	41172	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCBd 4	Ave	66746	167116	245545	15078 364757	31602	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	115986	289215	406899	26944 598936	54011	20.0	50.0	80.0	5.00 120	10.0
N-Methylaniline	DCBd 4	Ave	119063	290688	431064	25672 653800	54328	20.0	50.0	80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd 4	Ave	76610	190312	278275	17509 410138	36176	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd 4	Ave	76610	190312	278275	17509 410138	36176	20.0	50.0	80.0	5.00 120	10.0
Acetophenone	DCBd 4	Ave	109219	268108	384158	25487 559348	52166	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd 4	Ave	1129 52320	2781 127589	5218 188238	12085 272182	24473	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 769375

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/04/2021 12:49 Calibration End Date: 04/04/2021 16:07 Calibration ID: 84475

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Hexachloroethane	DCBd 4	Ave	699 33984	1506 82797	3189 120165	7629 177139	16192	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd 4	Ave	727 35059	1632 85455	3052 130704	7739 191052	16085	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd 4	Ave	2965 116070	6178 276048	11228 417109	25900 624438	52274	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	 133760	 329103	12657 482581	31185 708852	64063	 20.0	 50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	 33790	 83505	 135582	6714 194759	14855	 20.0	 50.0	 80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	 68184	 169774	 247199	15260 365771	31894	 20.0	 50.0	 80.0	5.00 120	10.0
Benzoic acid	NPT	Ave	 37184	 87609	 150310	5192 222171	14040	 20.0	 50.0	 80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	 86851	 210657	 308150	20404 450558	41266	 20.0	 50.0	 80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	 67331	 168989	6027 247287	14827 372999	30731	 20.0	 50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	1894 78673	3900 194244	7654 285041	18189 409965	37624	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	 223787	 549374	 790555	52000 1138311	105328	 20.0	 50.0	 80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	 98104	 240868	 352065	22679 514150	45824	 20.0	 50.0	 80.0	5.00 120	10.0
2,6-Dichlorophenol	NPT	Ave	 65127	 164935	6075 239764	14968 355915	30920	 20.0	 50.0	2.00 80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	 45650	2173 112304	4127 163267	10764 239608	20725	 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Ave	 16428	803 21600	1597 +++++	4567 +++++	8911	 16.0	1.00 20.0	2.00 +++++	5.00 +++++	10.0
4-Chloro-3-methylphenol	NPT	Ave	 62148	 155017	 229396	13826 339459	28707	 20.0	 50.0	 80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave				37223	76554				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 769375

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/04/2021 12:49 Calibration End Date: 04/04/2021 16:07 Calibration ID: 84475

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			159049	397709	578735	837659		20.0	50.0	80.0	120	
1-Methylnaphthalene	NPT	Ave	151500	371004	546427	35481 782338	71513	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	48887	130878	199650	11910 294781	21858	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	81711	202793	298899	18764 430993	38857	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	97895	239289	360188	22258 534793	44654	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	53511	126001	4069 193674	10730 293005	22350	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	55033	144891	212469	12829 305216	26904	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	192655	473448	689312	45615 987394	91583	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	149221	365818	530933	35101 760665	70201	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	99618	247404	369370	22737 547851	45333	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	40663	100102	157640	8191 230049	18371	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	111256	290016	423800	26142 618478	53010	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	170642	416519	607205	40566 884412	82235	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	57685	142110	209359	13563 310641	27560	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	32761	924 82047	2326 129645	6378 192271	13987	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	227532	540571	802727	53795 1144014	106900	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	35144	87493	138953	7375 204775	15565	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	126191	309787	476639	29129 710018	58252	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave				34751	71833				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 769375

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/04/2021 12:49 Calibration End Date: 04/04/2021 16:07 Calibration ID: 84475

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			149488	373911	554785	749468		20.0	50.0	80.0	120	
2,4-Dinitrophenol	ANT	Qua2	24163	66001	1168 118592	3923 179023	9477	40.0	100	4.00 160	10.0 240	20.0
4-Nitrophenol	ANT	Ave	50803	125222	195685	9614 287553	22535	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Qua2	41476	1218 107489	2483 173439	7964 253942	18260	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	211412	525494	757543	50825 1079290	100508	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	43338	109967	163712	8982 247904	19547	20.0	50.0	80.0	5.00 120	10.0
Diethyl phthalate	ANT	Ave	177629	427736	634312	41026 926880	86347	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	80063	204393	294231	18875 426043	38528	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	172149	422326	609588	40619 874225	80777	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	36081	94916	143490	7732 211509	16787	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Qua1	35867	97226	1722 163334	5778 250218	14432	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	121349	300662	430172	29026 633679	57221	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	144466	359396	510361	35460 754149	68674	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	51319	130241	191110	12249 279030	24270	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	1378 59134	2672 145849	6023 219166	14199 318163	28785	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Atrazine	PHN	Ave	38594	2138 51611	4594 53716	10748 67788	21872	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
Pentachlorophenol	PHN	Ave	68346	174433	4607 275280	13641 412275	30509	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	21768	56958	89155	4409 137387	9397	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave				24736	50249				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 769375

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/04/2021 12:49 Calibration End Date: 04/04/2021 16:07 Calibration ID: 84475

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			107537	265080	375419	530105		20.0	50.0	80.0	120	
Phenanthrene	PHN	Ave	253626	630383	904232	61506 1308881	120664	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	255973	650133	939230	63466 1348377	123580	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	230956	576694	828819	55283 1212171	113420	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	292262	729736	1041349	68864 1521648	141610	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	287042	726221	1036132	67256 1530437	138337	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	130872	390270	533479	37959 803748	63265	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	291770	726644	1045894	69323 1541975	139897	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	105479	295923	441965	19781 669511	46032	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	121127	309132	448134	26104 661997	56994	20.0	50.0	80.0	5.00 120	10.0
2,3,7,8-TCDD	CRY	Ave		764					0.500			
Carbamazepine	CRY	Ave	109906	270443	436951	22045 670221	50248	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	98351	262955	8244 378511	22237 579569	46519	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	6756 262598	12724 668188	25164 949464	63876 1411568	128125	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Chrysene	CRY	Ave	251655	637444	905031	59879 1311392	119721	20.0	50.0	80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	179452	451284	641627	40922 950863	85693	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	310090	815964	1169335	69696 1725627	149985	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	5800 267524	12102 726782	23593 1031768	66300 1532875	137018	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	6105	11850	26541	64591	137935	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 769375

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/04/2021 12:49 Calibration End Date: 04/04/2021 16:07 Calibration ID: 84475

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			286514	725736	1006066	1544114		20.0	50.0	80.0	120	
Benzo[a]pyrene	PRY	Ave	5293 238555	10641 642192	21506 896642	56709 1356678	116840	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	5071 259570	11156 726515	22945 1020928	61020 1609463	129476	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	4881 252319	10892 694725	23071 980138	60499 1438611	125588	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	262995	719646	990161	62579 1519195	130433	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCBd 4	Ave	73019	3456 199017	7618 285557	16195 438373	33760	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5 (Surr)	DCBd 4	Ave	86109	4305 239851	8997 342775	19159 525659	40576	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	1730 69400	3478 186145	6751 269887	15258 397895	31768	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	4606 169361	8848 470028	17250 653663	41974 951388	79633	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol (Surr)	ANT	Ave	26055	951 73322	1982 109165	5657 162423	11505	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	4822 186398	9940 519697	17872 718041	45615 1057056	87641	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend
Ave = Average ISTD
Qua = Quadratic ISTD
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 04-Apr-2021 12:49:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126499-002
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 05-Apr-2021 08:07:33 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: johnstonm1 Date: 05-Apr-2021 07:37:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.963	1.963	0.000	99	62459	50.0	49.3	
2 N-Nitrosodimethylamine	74	2.204	2.204	0.000	84	97616	50.0	51.3	
3 Pyridine	79	2.240	2.240	0.000	84	313968	100.0	95.2	
$ 4 2-Fluorophenol	112	3.410	3.410	0.000	96	199017	50.0	54.9	
5 Benzaldehyde	77	4.234	4.234	0.000	94	31391	20.0	11.3	a
$ 6 Phenol-d5	99	4.293	4.293	0.000	0	239851	50.0	55.1	a
7 Phenol	94	4.304	4.304	0.000	99	233920	50.0	50.5	
8 Aniline	93	4.334	4.334	0.000	98	283449	50.0	51.4	
9 Bis(2-chloroethyl)ether	93	4.393	4.393	0.000	96	174072	50.0	51.5	a
10 2-Chlorophenol	128	4.451	4.451	0.000	98	202741	50.0	52.1	
11 n-Decane	43	4.504	4.504	0.000	94	210111	50.0	51.2	
12 1,3-Dichlorobenzene	146	4.598	4.598	0.000	98	226090	50.0	50.8	
* 13 1,4-Dichlorobenzene-d4	152	4.651	4.651	0.000	95	113040	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.669	4.669	0.000	98	229577	50.0	50.9	
15 Benzyl alcohol	108	4.775	4.775	0.000	94	120488	50.0	51.8	
16 1,2-Dichlorobenzene	146	4.810	4.810	0.000	97	214961	50.0	51.0	a
17 2-Methylphenol	108	4.881	4.881	0.000	91	167116	50.0	51.8	
18 2,2'-oxybis[1-chloropropane]	45	4.904	4.904	0.000	94	289215	50.0	52.4	
130 N-Methylaniline	106	5.022	5.022	0.000	94	290688	50.0	51.6	
22 Acetophenone	105	5.028	5.028	0.000	89	268108	50.0	51.5	
19 4-Methylphenol	108	5.028	5.028	0.000	84	190312	50.0	51.7	a
20 3 & 4 Methylphenol	108	5.028	5.028	0.000	86	190312	50.0	51.7	a
21 N-Nitrosodi-n-propylamine	70	5.028	5.028	0.000	93	127589	50.0	51.0	
25 Hexachloroethane	117	5.134	5.134	0.000	94	82797	50.0	52.8	
$ 26 Nitrobenzene-d5	82	5.169	5.169	0.000	88	186145	50.0	55.2	
28 n,n'-Dimethylaniline	120	5.192	5.192	0.000	94	276048	50.0	49.4	
27 Nitrobenzene	123	5.192	5.192	0.000	92	85455	50.0	52.7	
29 Isophorone	82	5.416	5.416	0.000	99	329103	50.0	51.7	
30 2-Nitrophenol	139	5.492	5.492	0.000	94	83505	50.0	52.0	
31 2,4-Dimethylphenol	122	5.534	5.534	0.000	92	169774	50.0	52.4	
32 Bis(2-chloroethoxy)methane	93	5.622	5.622	0.000	97	210657	50.0	51.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.634	5.634	0.000	88	87609	50.0	53.1	
34 2,4-Dichlorophenol	162	5.722	5.722	0.000	96	168989	50.0	53.3	
35 1,2,4-Trichlorobenzene	180	5.804	5.804	0.000	94	194244	50.0	52.0	
* 36 Naphthalene-d8	136	5.857	5.857	0.000	99	417824	40.0	40.0	
37 Naphthalene	128	5.875	5.875	0.000	99	549374	50.0	52.0	
38 4-Chloroaniline	127	5.922	5.922	0.000	97	240868	50.0	51.8	
131 2,6-Dichlorophenol	162	5.934	5.934	0.000	98	164935	50.0	52.9	
39 Hexachlorobutadiene	225	6.004	6.004	0.000	97	112304	50.0	52.6	
40 Caprolactam	113	6.287	6.287	0.000	88	21600	20.0	23.6	M
41 4-Chloro-3-methylphenol	107	6.386	6.386	0.000	95	155017	50.0	52.3	
42 2-Methylnaphthalene	142	6.534	6.534	0.000	86	397709	50.0	52.0	
43 1-Methylnaphthalene	142	6.628	6.628	0.000	93	371004	50.0	51.6	a
44 Hexachlorocyclopentadiene	237	6.692	6.692	0.000	98	130878	50.0	53.0	
45 1,2,4,5-Tetrachlorobenzene	216	6.698	6.698	0.000	98	202793	50.0	51.9	
46 2-tertbutyl-4-methylphenol	149	6.722	6.722	0.000	93	239289	50.0	51.4	
48 2,4,6-Trichlorophenol	196	6.804	6.804	0.000	91	126001	50.0	52.9	a
49 2,4,5-Trichlorophenol	196	6.834	6.834	0.000	98	144891	50.0	53.1	
$ 50 2-Fluorobiphenyl	172	6.881	6.881	0.000	98	470028	50.0	54.8	
51 1,1'-Biphenyl	154	6.975	6.975	0.000	96	473448	50.0	51.6	
52 2-Chloronaphthalene	162	6.992	6.992	0.000	99	365818	50.0	51.7	
53 Phenyl ether	170	7.075	7.075	0.000	87	247404	50.0	51.9	
54 2-Nitroaniline	65	7.086	7.086	0.000	97	100102	50.0	51.9	
55 1,3-Dimethylnaphthalene	156	7.204	7.204	0.000	93	290016	50.0	53.0	
58 Dimethyl phthalate	163	7.269	7.269	0.000	99	416519	50.0	51.1	
59 Coumarin	146	7.281	7.281	0.000	80	142110	50.0	51.3	
60 2,6-Dinitrotoluene	165	7.316	7.316	0.000	97	82047	50.0	57.8	
61 Acenaphthylene	152	7.386	7.386	0.000	98	540571	50.0	50.5	
62 3-Nitroaniline	138	7.475	7.475	0.000	95	87493	50.0	51.8	
* 63 Acenaphthene-d10	164	7.522	7.522	0.000	93	229753	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.545	7.545	0.000	97	309787	50.0	50.8	
65 Acenaphthene	154	7.551	7.551	0.000	95	373911	50.0	52.3	
66 2,4-Dinitrophenol	184	7.575	7.575	0.000	93	66001	100.0	101.9	
67 4-Nitrophenol	65	7.639	7.639	0.000	90	125222	100.0	105.3	
68 2,4-Dinitrotoluene	165	7.698	7.698	0.000	97	107489	50.0	52.3	
69 Dibenzofuran	168	7.716	7.716	0.000	96	525494	50.0	52.0	
70 2,3,4,6-Tetrachlorophenol	232	7.833	7.833	0.000	96	109967	50.0	53.1	
71 Diethyl phthalate	149	7.939	7.939	0.000	98	427736	50.0	50.6	
74 Fluorene	166	8.039	8.039	0.000	94	422326	50.0	51.8	
73 4-Chlorophenyl phenyl ether	204	8.039	8.039	0.000	77	204393	50.0	52.6	a
75 4-Nitroaniline	138	8.057	8.057	0.000	86	94916	50.0	53.5	
76 4,6-Dinitro-2-methylphenol	198	8.086	8.086	0.000	91	97226	100.0	97.9	
77 N-Nitrosodiphenylamine	169	8.151	8.151	0.000	98	300662	50.0	49.9	
78 1,2-Diphenylhydrazine	77	8.192	8.192	0.000	97	359396	50.0	49.8	
$ 79 2,4,6-Tribromophenol	330	8.269	8.269	0.000	92	73322	50.0	59.9	
80 4-Bromophenyl phenyl ether	248	8.504	8.504	0.000	94	130241	50.0	50.2	
81 Hexachlorobenzene	284	8.569	8.569	0.000	96	145849	50.0	49.5	
82 Atrazine	200	8.657	8.657	0.000	93	51611	20.0	21.7	
83 Pentachlorophenol	266	8.751	8.751	0.000	94	174433	100.0	106.0	
84 Pentachloronitrobenzene	237	8.769	8.769	0.000	90	56958	50.0	51.3	
72 n-Octadecane	57	8.833	8.833	0.000	92	265080	50.0	50.7	
* 85 Phenanthrene-d10	188	8.928	8.928	0.000	98	440576	40.0	40.0	
86 Phenanthrene	178	8.951	8.951	0.000	97	630383	50.0	49.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	8.998	8.998	0.000	99	650133	50.0	50.1	a
88 Carbazole	167	9.145	9.145	0.000	96	576694	50.0	49.7	
89 Di-n-butyl phthalate	149	9.486	9.486	0.000	99	729736	50.0	50.1	
90 Fluoranthene	202	10.074	10.074	0.000	99	726221	50.0	50.5	
91 Benzidine	184	10.198	10.198	0.000	99	390270	50.0	53.3	
92 Pyrene	202	10.292	10.292	0.000	98	726644	50.0	48.0	a
93 Bisphenol-A	213	10.339	10.339	0.000	97	295923	50.0	52.6	a
$ 94 Terphenyl-d14	244	10.451	10.451	0.000	100	519697	50.0	50.9	
95 Butyl benzyl phthalate	149	10.974	10.974	0.000	94	309132	50.0	49.4	
96 2,3,7,8-TCDD	320	11.074	11.074	0.000	87	764	0.5000	0.5000	
97 Carbamazepine	193	11.086	11.086	0.000	92	270443	50.0	47.1	a
98 3,3'-Dichlorobenzidine	252	11.580	11.580	0.000	99	262955	50.0	50.8	
99 Benzo[a]anthracene	228	11.604	11.604	0.000	98	668188	50.0	47.9	
* 100 Chrysene-d12	240	11.616	11.616	0.000	99	400575	40.0	40.0	
101 Chrysene	228	11.651	11.651	0.000	99	637444	50.0	48.8	a
102 Bis(2-ethylhexyl) phthalate	149	11.669	11.669	0.000	84	451284	50.0	48.8	
103 Di-n-octyl phthalate	149	12.557	12.557	0.000	96	815964	50.0	53.8	
104 Benzo[b]fluoranthene	252	13.063	13.063	0.000	98	726782	50.0	55.9	a
105 Benzo[k]fluoranthene	252	13.098	13.098	0.000	98	725736	50.0	54.8	a
106 Benzo[a]pyrene	252	13.533	13.533	0.000	98	642192	50.0	56.0	a
* 107 Perylene-d12	264	13.615	13.615	0.000	98	439552	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.315	15.315	0.000	99	726515	50.0	58.1	
109 Dibenz(a,h)anthracene	278	15.362	15.362	0.000	98	694725	50.0	57.6	
110 Benzo[g,h,i]perylene	276	15.809	15.809	0.000	98	719646	50.0	54.5	a

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00002 Amount Added: 1.00 Units: mL

Report Date: 05-Apr-2021 08:07:36 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d

Injection Date: 04-Apr-2021 12:49:30 Instrument ID: CBNAMS12 Operator ID:

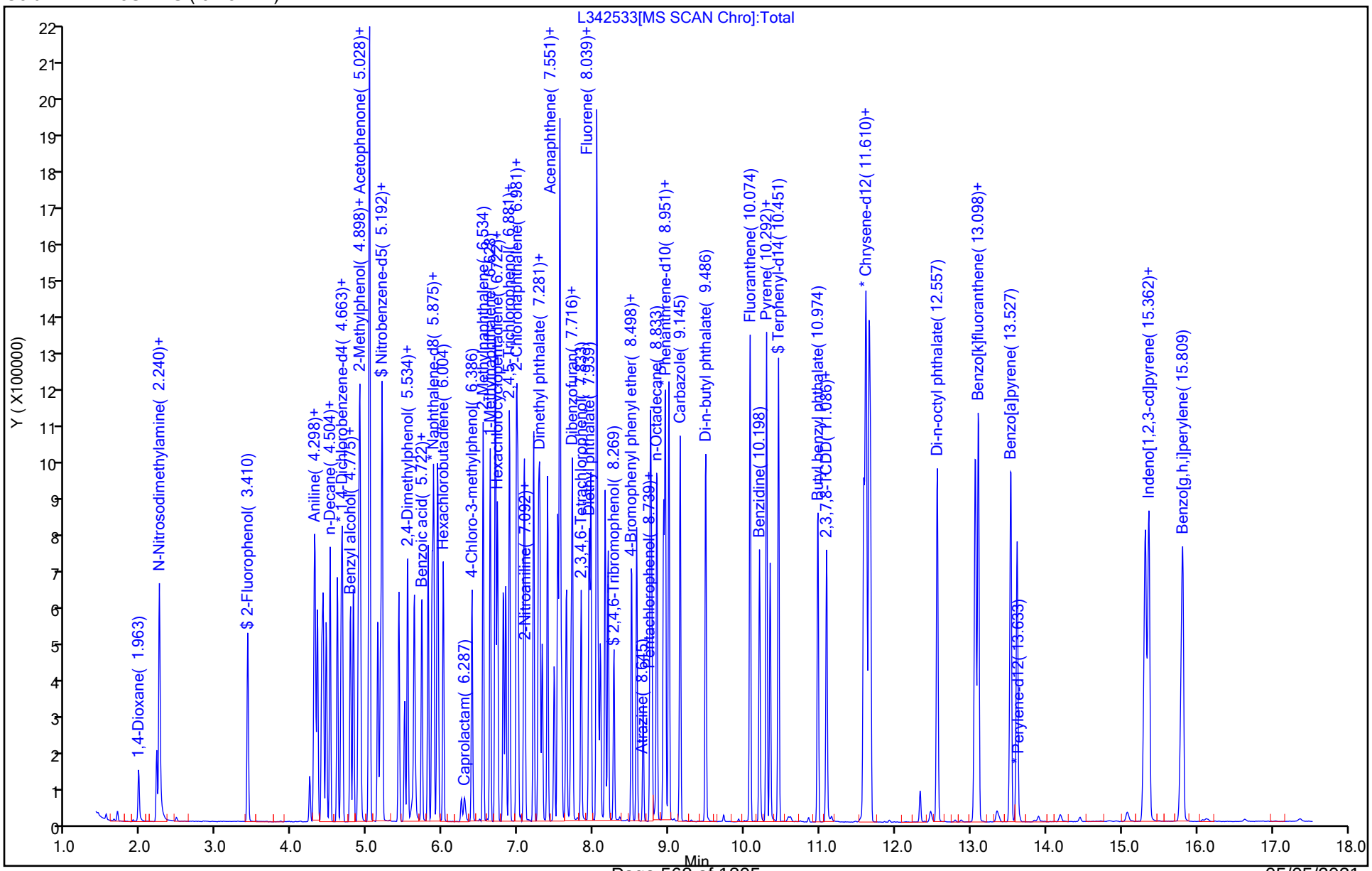
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_12R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

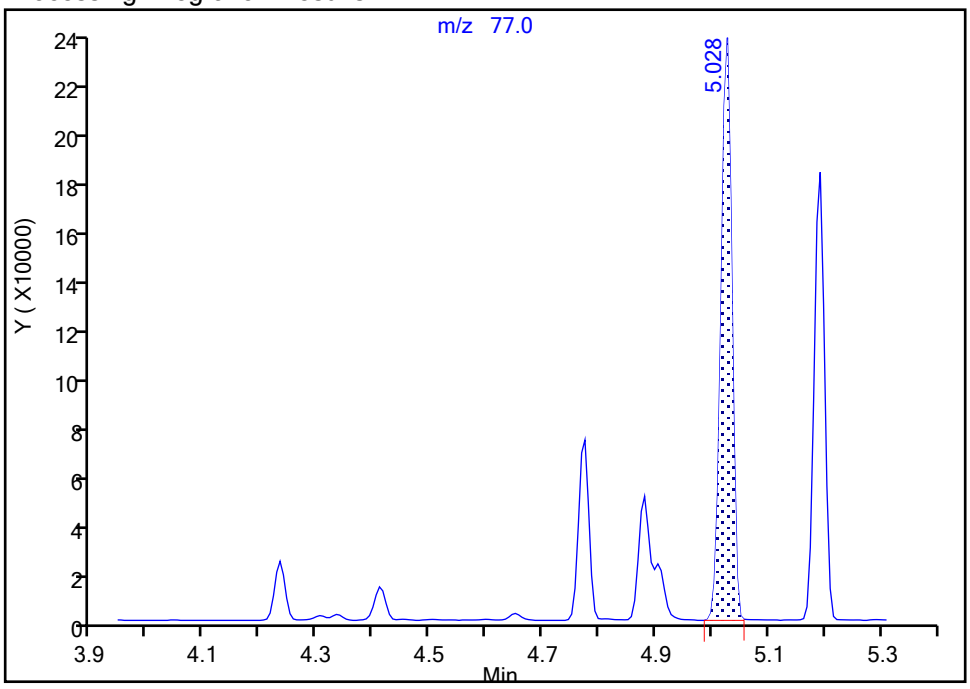
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d
Injection Date: 04-Apr-2021 12:49:30 Instrument ID: CBNAMS12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

5 Benzaldehyde, CAS: 100-52-7

Signal: 1

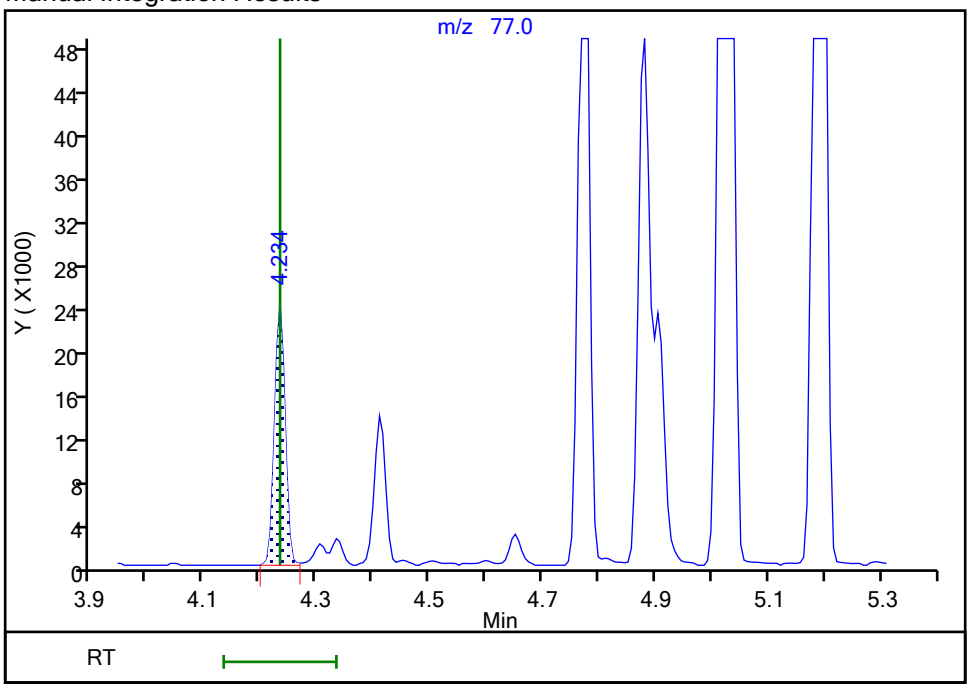
Processing Integration Results

RT: 5.03
Area: 321644
Amount: 20.000000
Amount Units: ug/ml



Manual Integration Results

RT: 4.23
Area: 31391
Amount: 11.250504
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:38:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

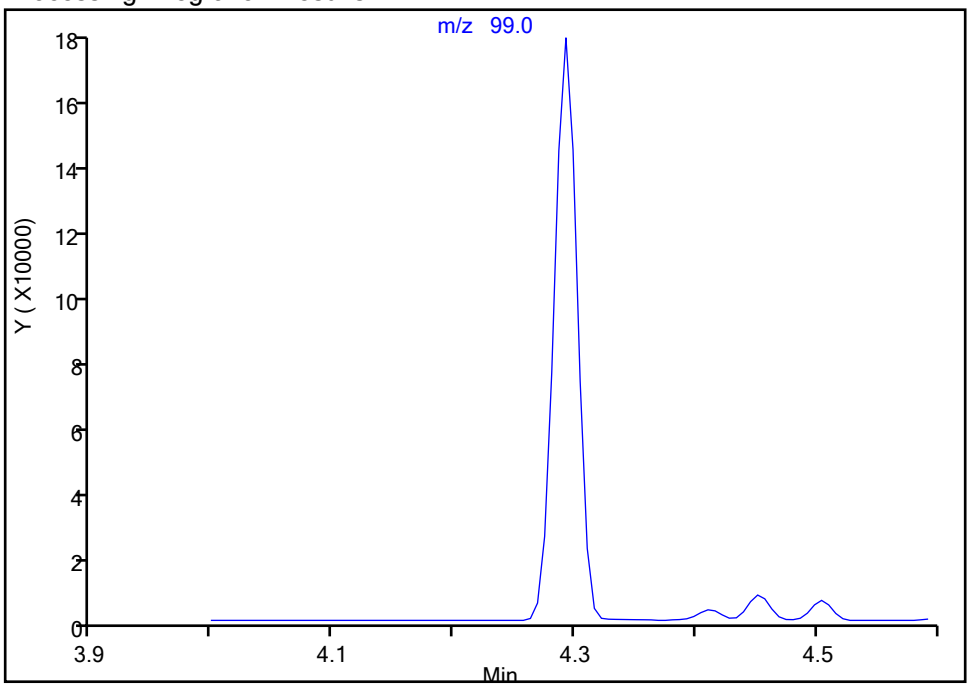
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d
Injection Date: 04-Apr-2021 12:49:30 Instrument ID: CBNAMS12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 6 Phenol-d5, CAS: 4165-62-2

Signal: 1

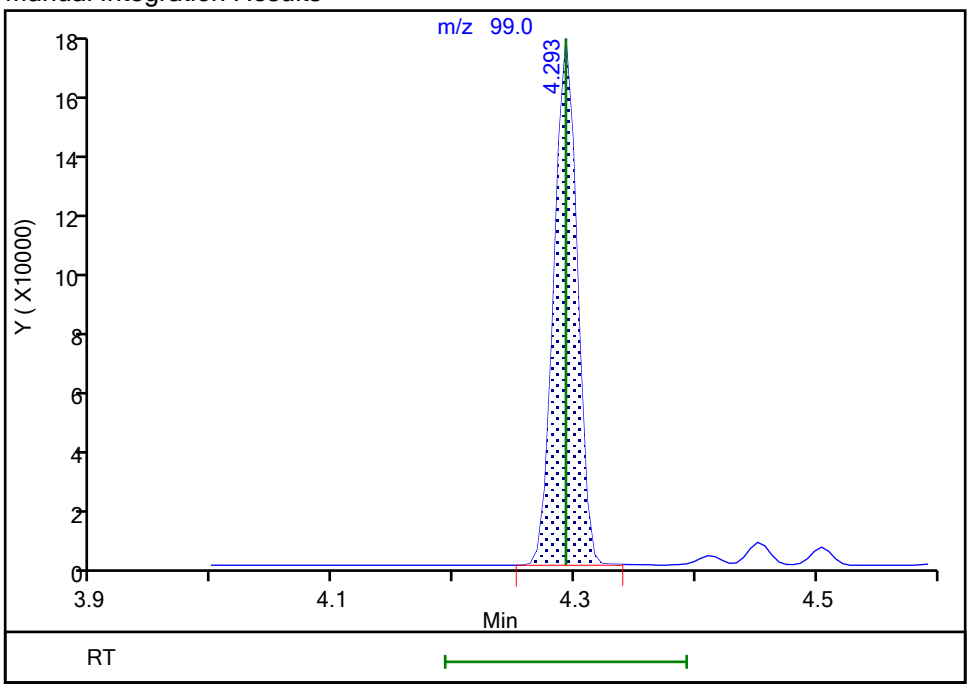
Not Detected
Expected RT: 4.29

Processing Integration Results



Manual Integration Results

RT: 4.29
Area: 239851
Amount: 55.122246
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:31:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

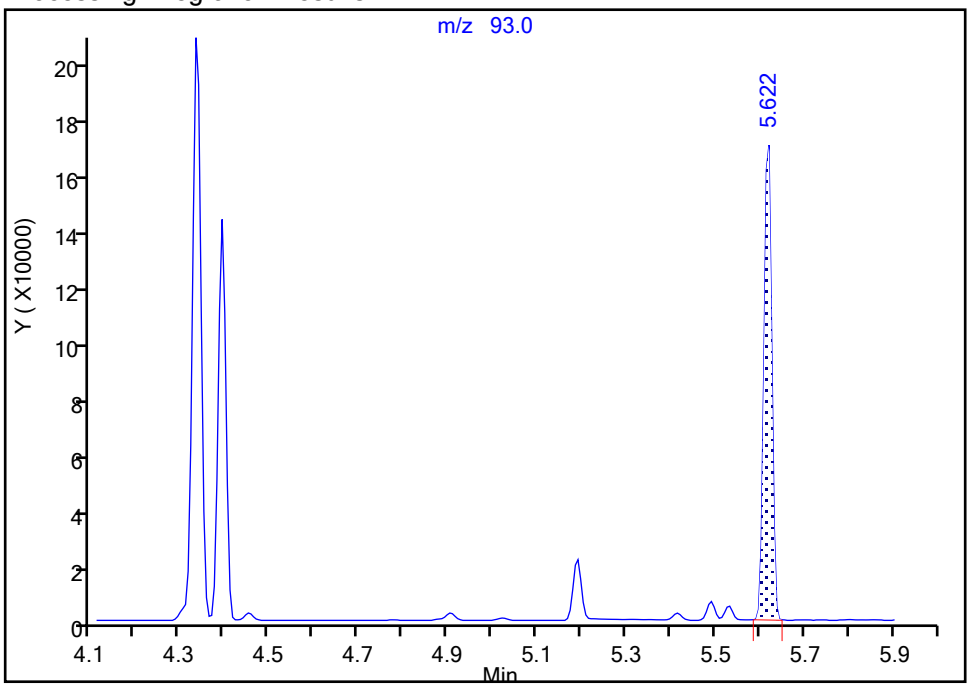
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d				
Injection Date:	04-Apr-2021 12:49:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

9 Bis(2-chloroethyl)ether, CAS: 111-44-4

Signal: 1

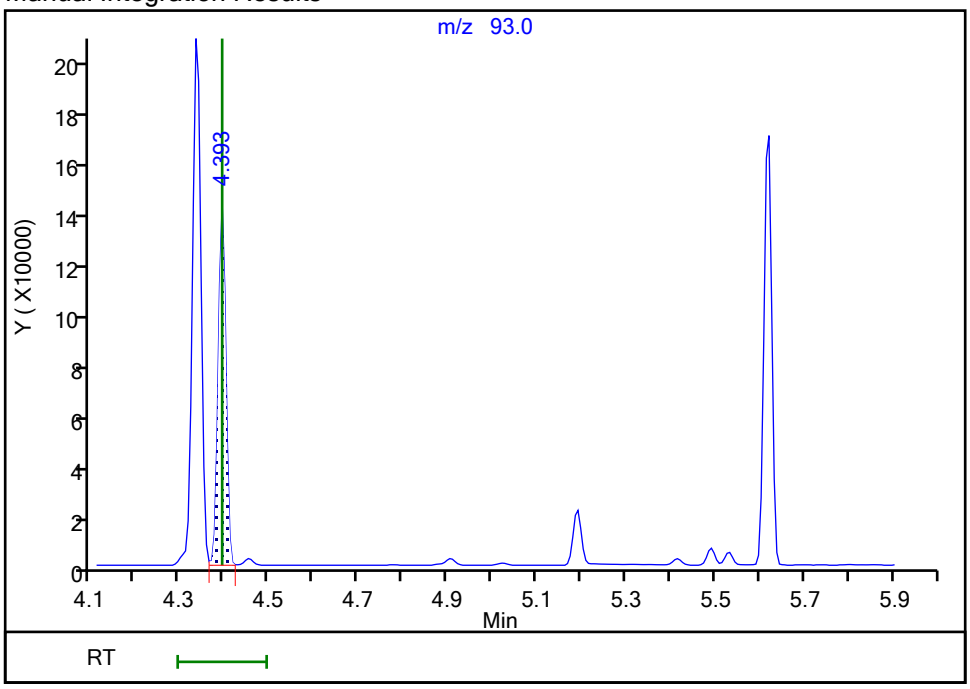
Processing Integration Results

RT: 5.62
Area: 210657
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 4.39
Area: 174072
Amount: 51.458548
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:38:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

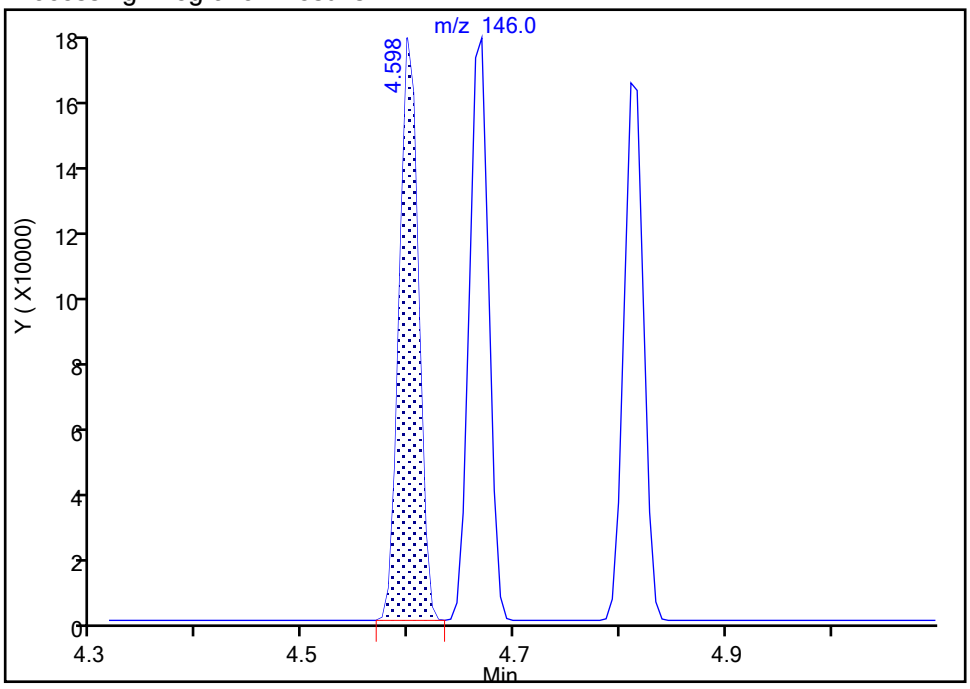
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d
Injection Date: 04-Apr-2021 12:49:30 Instrument ID: CBNAMS12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

16 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

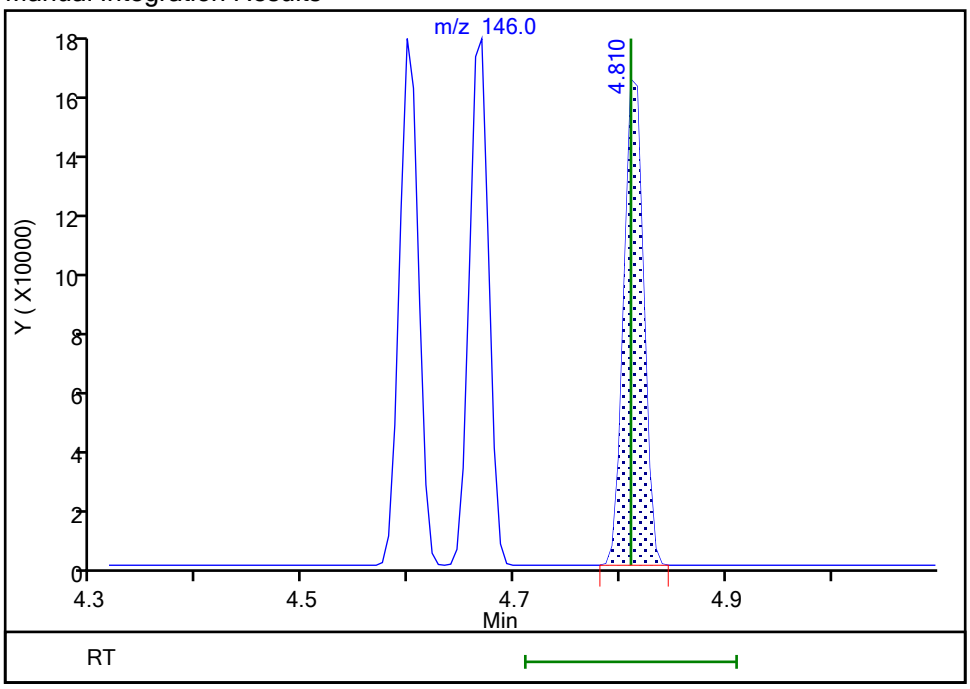
Processing Integration Results

RT: 4.60
Area: 226090
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 4.81
Area: 214961
Amount: 50.991109
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:32:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

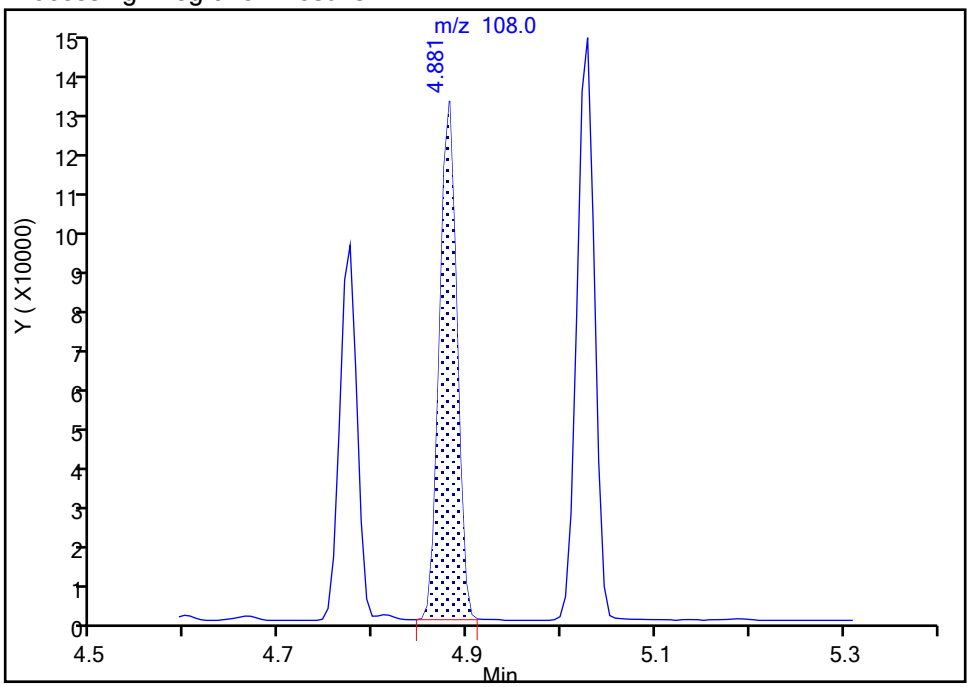
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d				
Injection Date:	04-Apr-2021 12:49:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

20 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

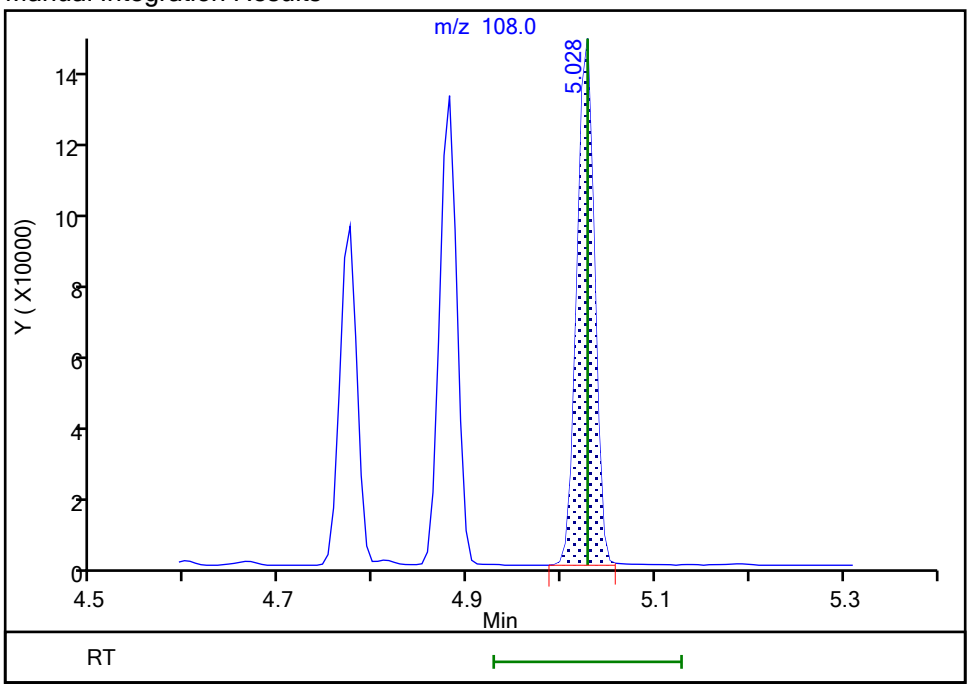
Processing Integration Results

RT: 4.88
Area: 167116
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 5.03
Area: 190312
Amount: 51.700578
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:30:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

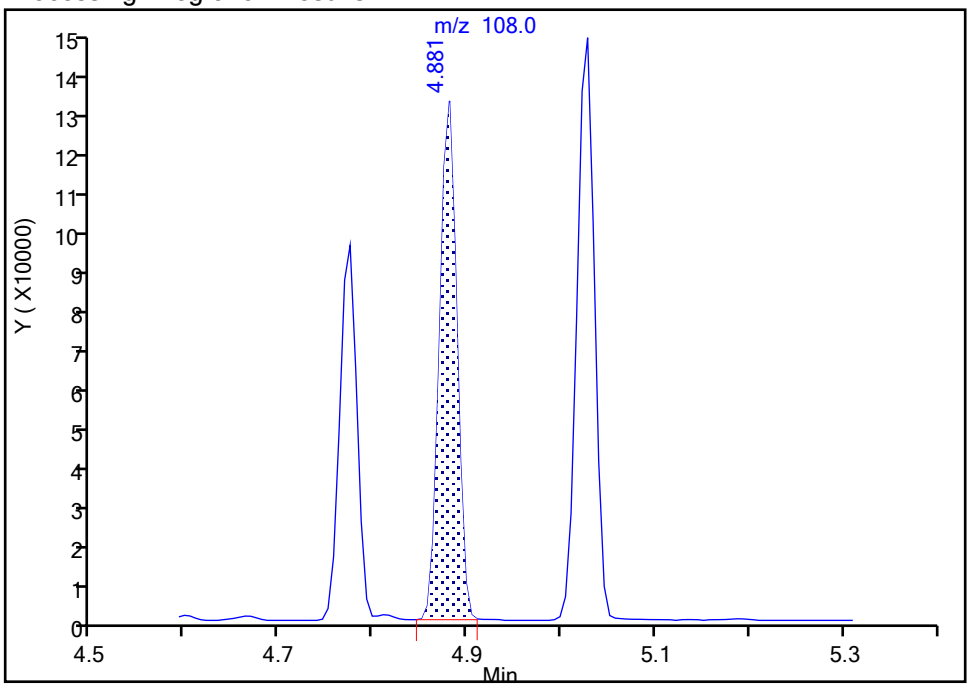
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d
Injection Date: 04-Apr-2021 12:49:30 Instrument ID: CBNAMS12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

19 4-Methylphenol, CAS: 106-44-5

Signal: 1

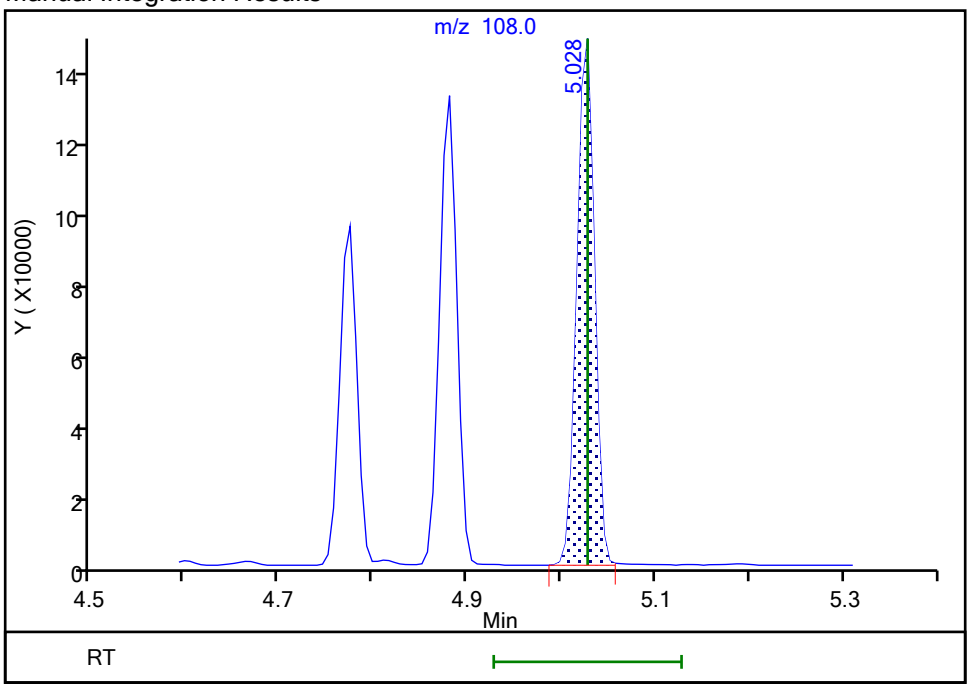
Processing Integration Results

RT: 4.88
Area: 167116
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 5.03
Area: 190312
Amount: 51.700578
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:30:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

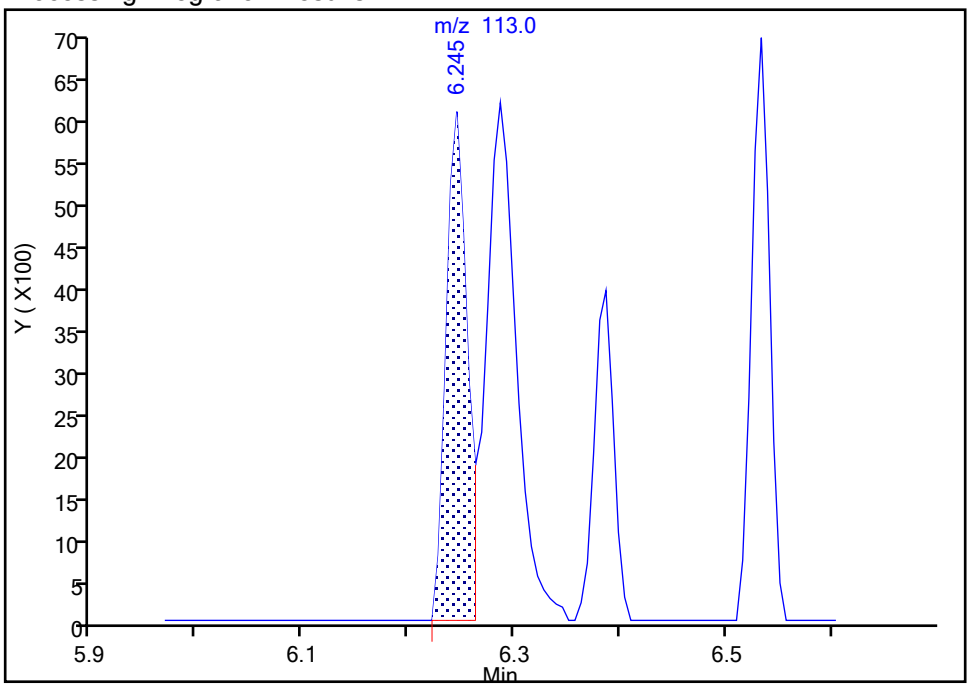
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d
Injection Date: 04-Apr-2021 12:49:30 Instrument ID: CBNAMS12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

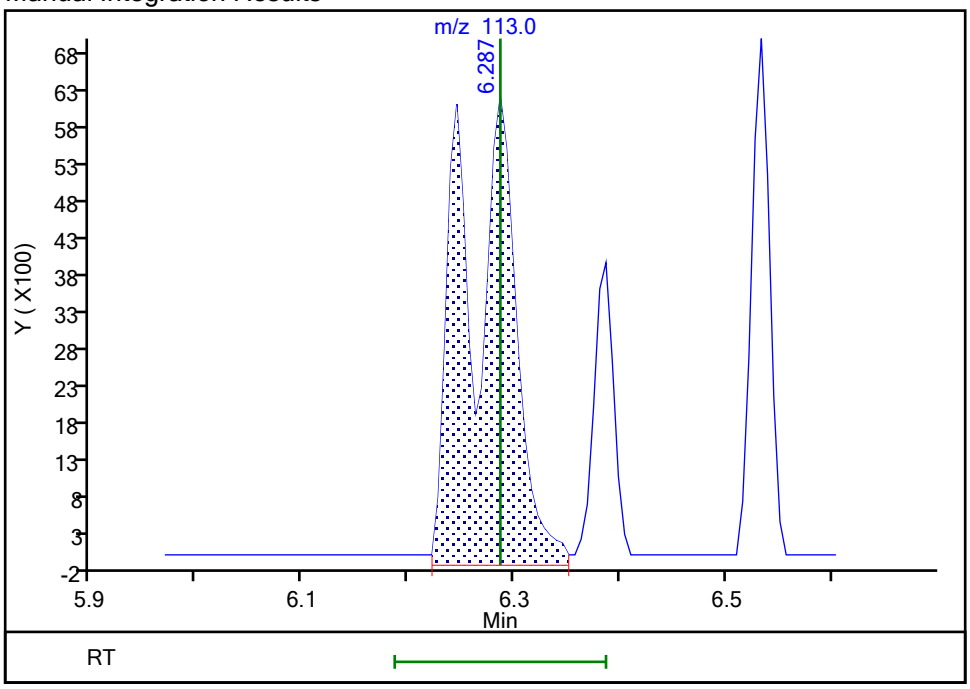
Processing Integration Results

RT: 6.25
Area: 8550
Amount: 20.000000
Amount Units: ug/ml



Manual Integration Results

RT: 6.29
Area: 21600
Amount: 23.649229
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:40:57
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

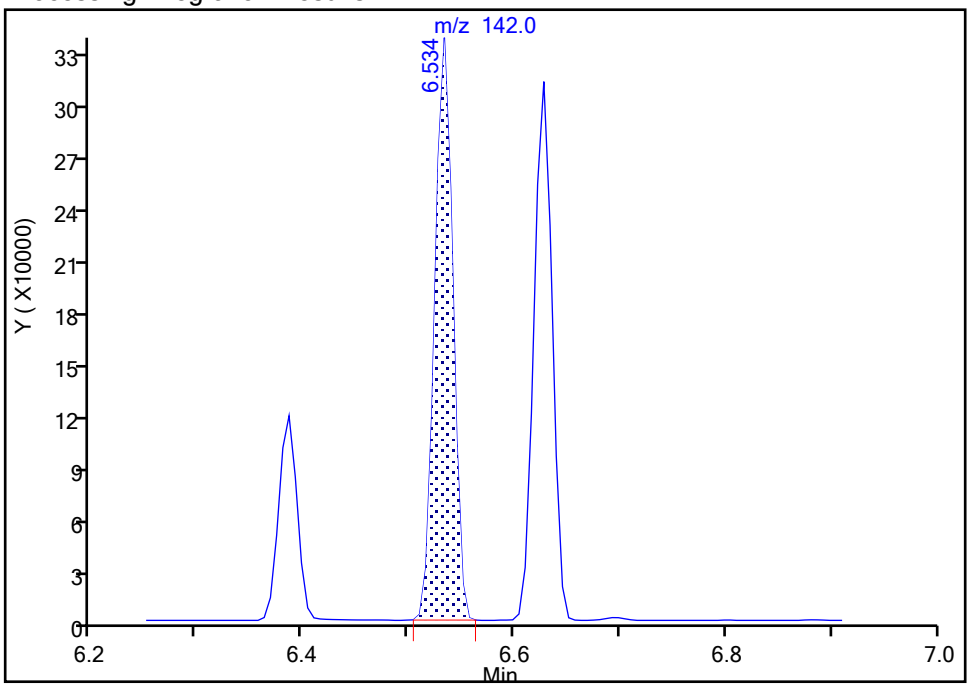
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d				
Injection Date:	04-Apr-2021 12:49:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

43 1-Methylnaphthalene, CAS: 90-12-0

Signal: 1

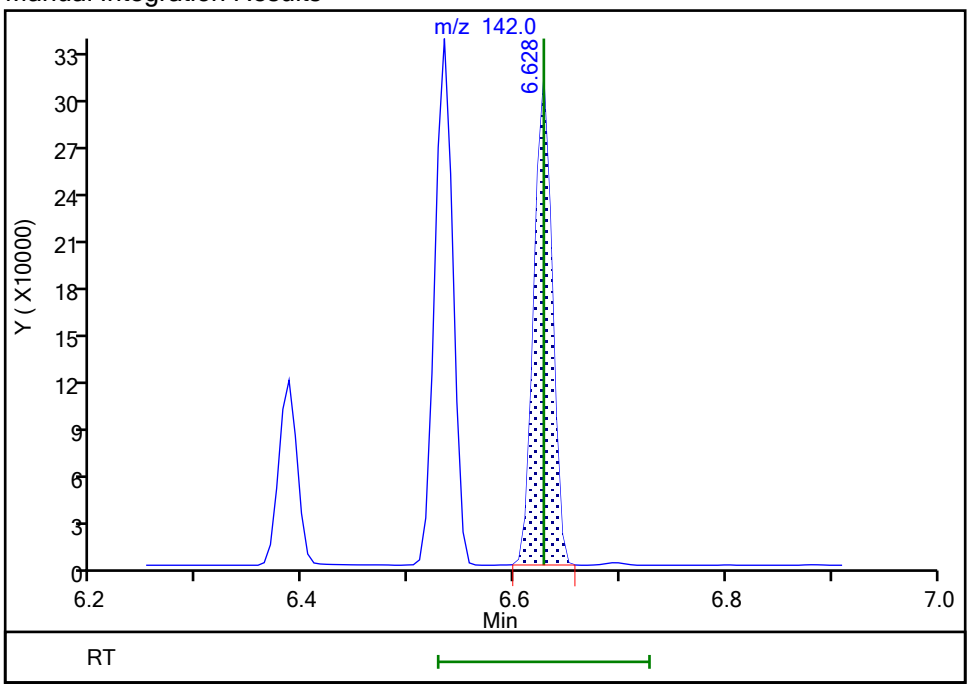
Processing Integration Results

RT: 6.53
Area: 397709
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 6.63
Area: 371004
Amount: 51.552750
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:33:20

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

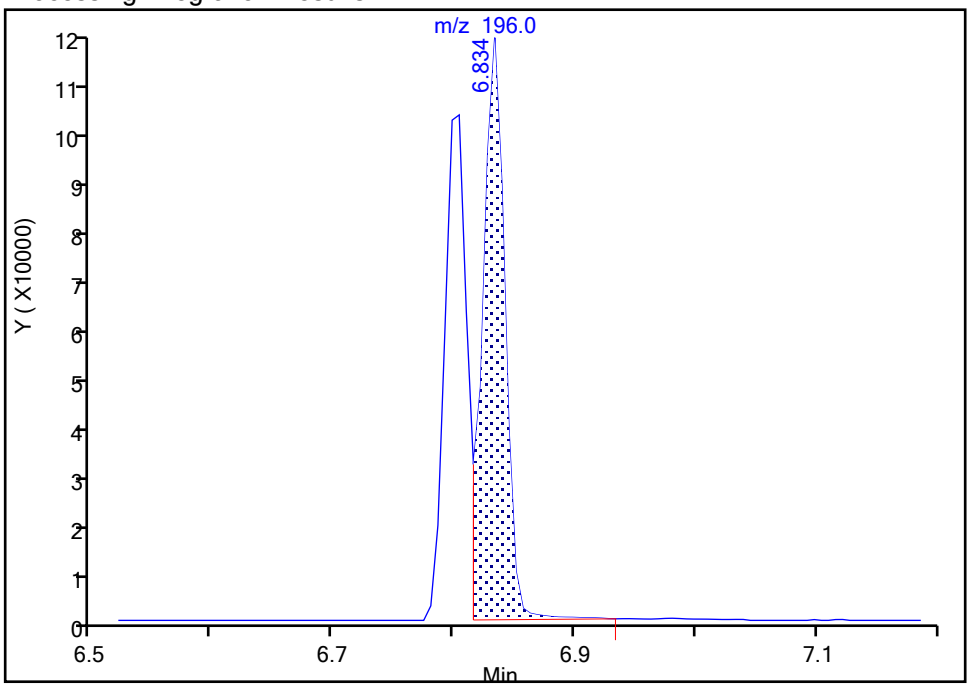
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d				
Injection Date:	04-Apr-2021 12:49:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

48 2,4,6-Trichlorophenol, CAS: 88-06-2

Signal: 1

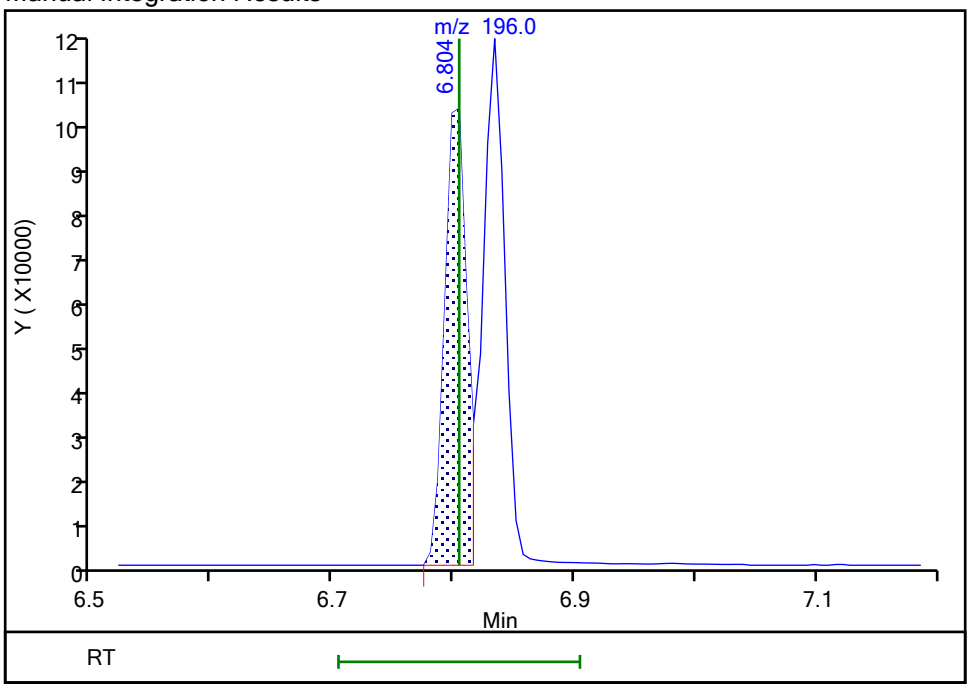
Processing Integration Results

RT: 6.83
Area: 144891
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 6.80
Area: 126001
Amount: 52.867251
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:33:41

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

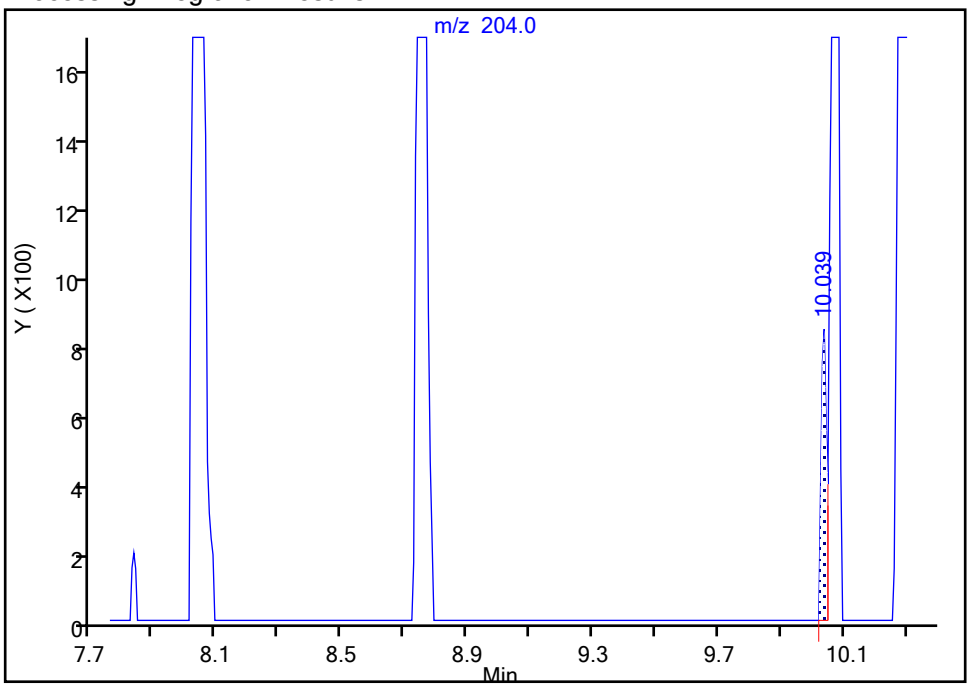
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d				
Injection Date:	04-Apr-2021 12:49:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

73 4-Chlorophenyl phenyl ether, CAS: 7005-72-3

Signal: 1

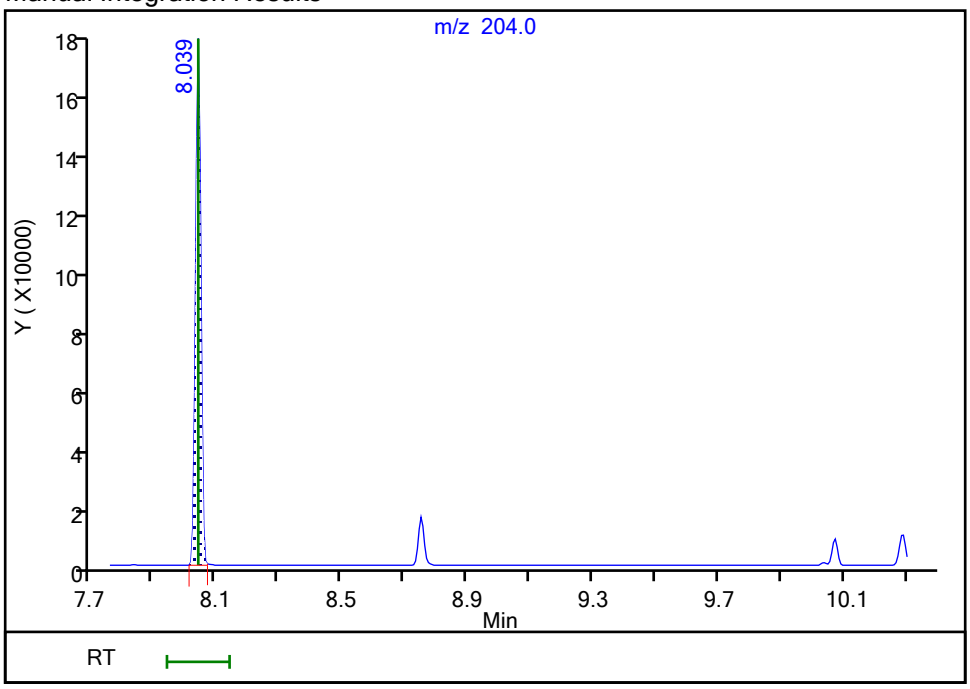
Processing Integration Results

RT: 10.04
Area: 1043
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 8.04
Area: 204393
Amount: 52.622801
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:35:22

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

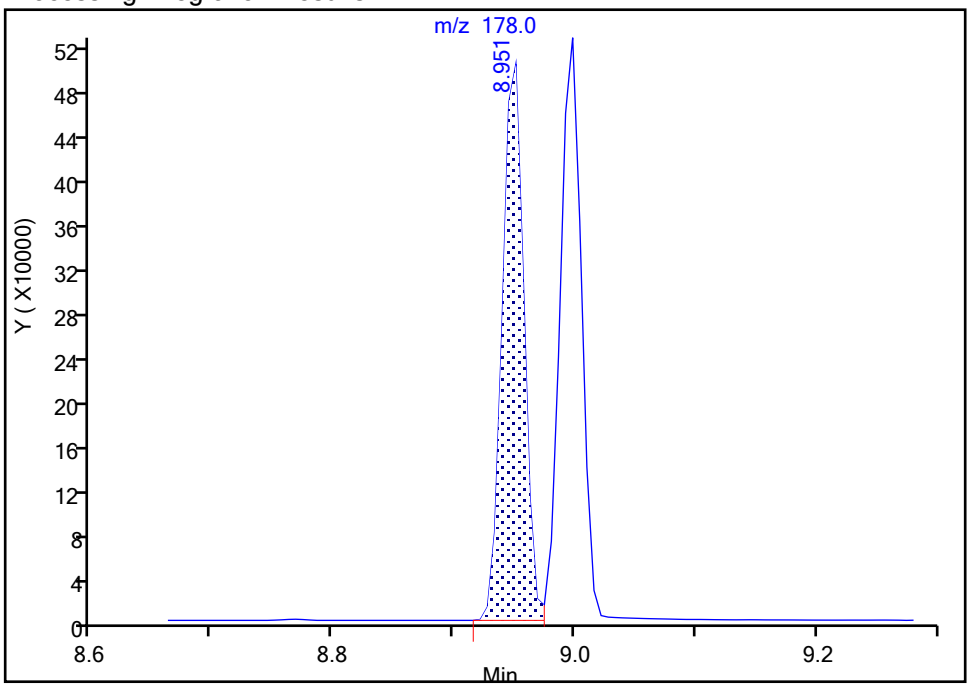
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d
Injection Date: 04-Apr-2021 12:49:30 Instrument ID: CBNAMS12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

87 Anthracene, CAS: 120-12-7

Signal: 1

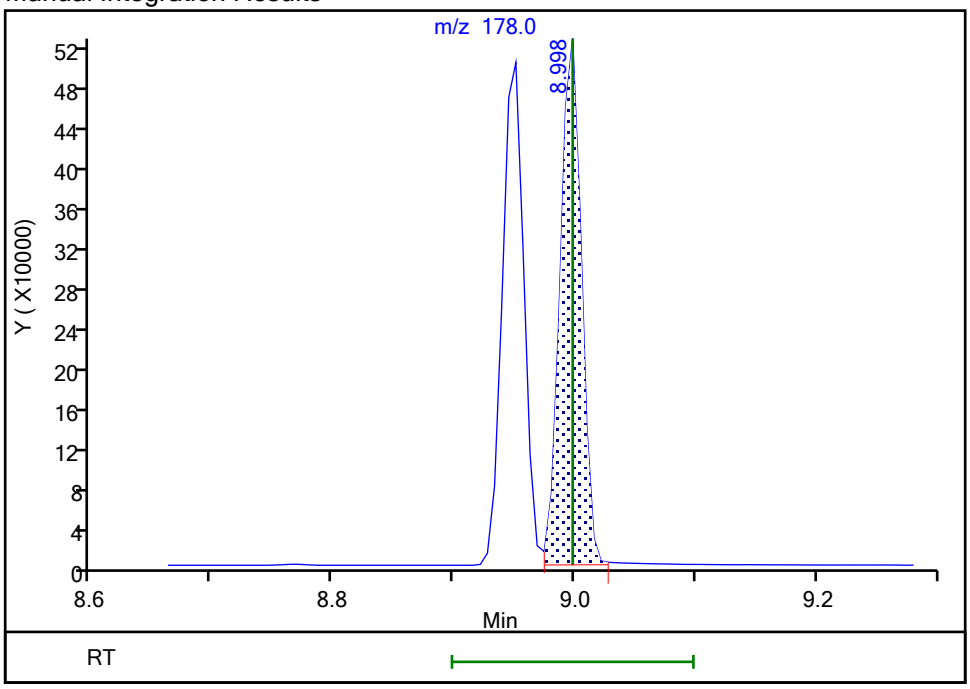
Processing Integration Results

RT: 8.95
Area: 630383
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 9.00
Area: 650133
Amount: 50.082838
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:35:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

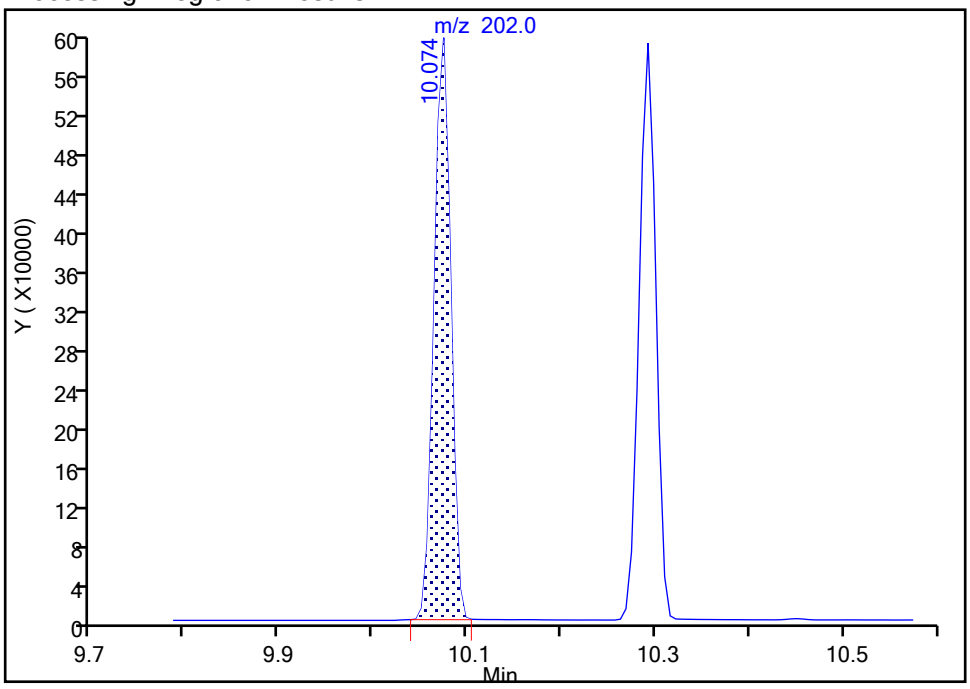
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d
Injection Date: 04-Apr-2021 12:49:30 Instrument ID: CBNAMS12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

92 Pyrene, CAS: 129-00-0

Signal: 1

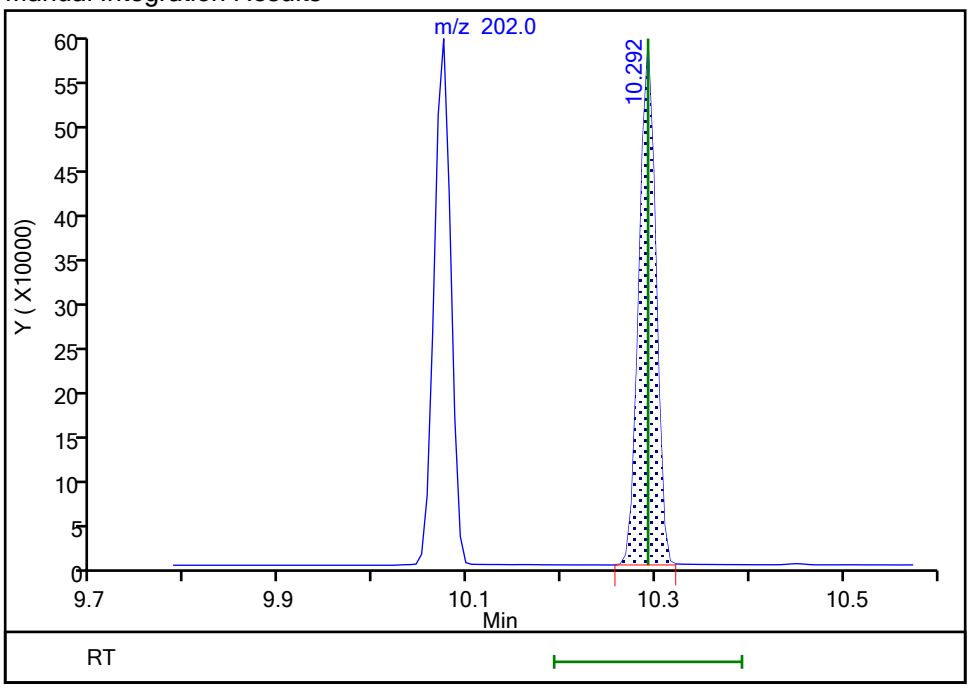
Processing Integration Results

RT: 10.07
Area: 726221
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 10.29
Area: 726644
Amount: 47.991944
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:44:49
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

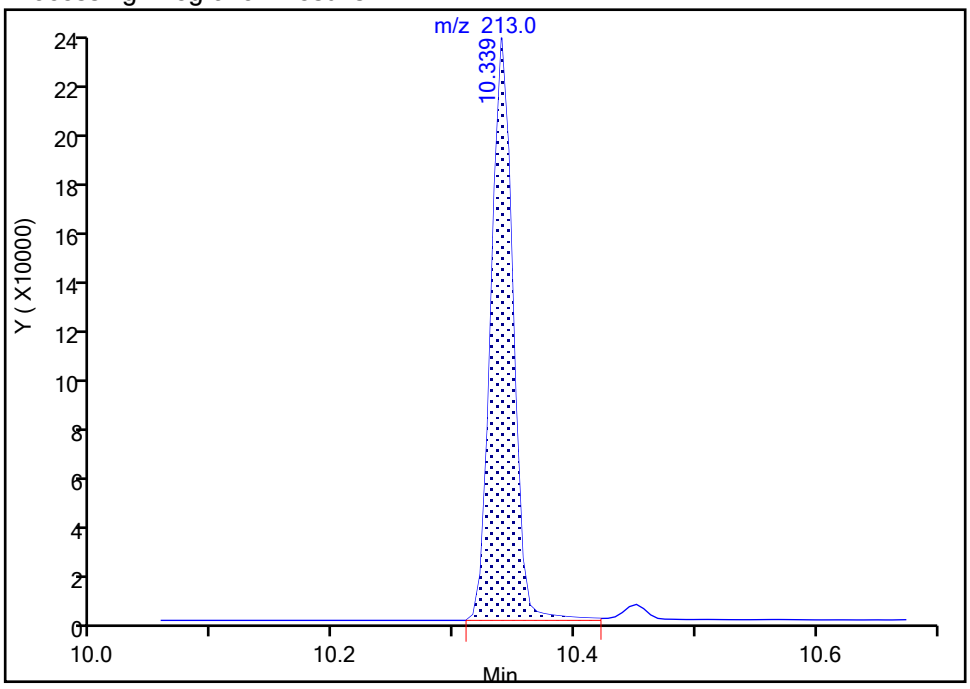
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d				
Injection Date:	04-Apr-2021 12:49:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

93 Bisphenol-A, CAS: 80-05-7

Signal: 1

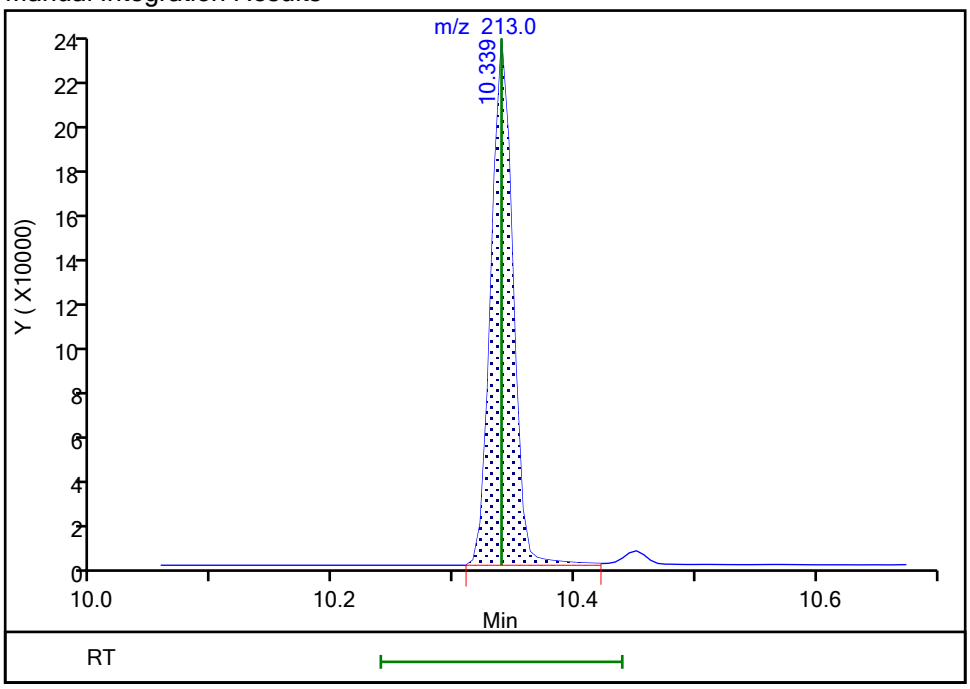
Processing Integration Results

RT: 10.34
Area: 295923
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 10.34
Area: 295923
Amount: 52.561214
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:45:18

Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

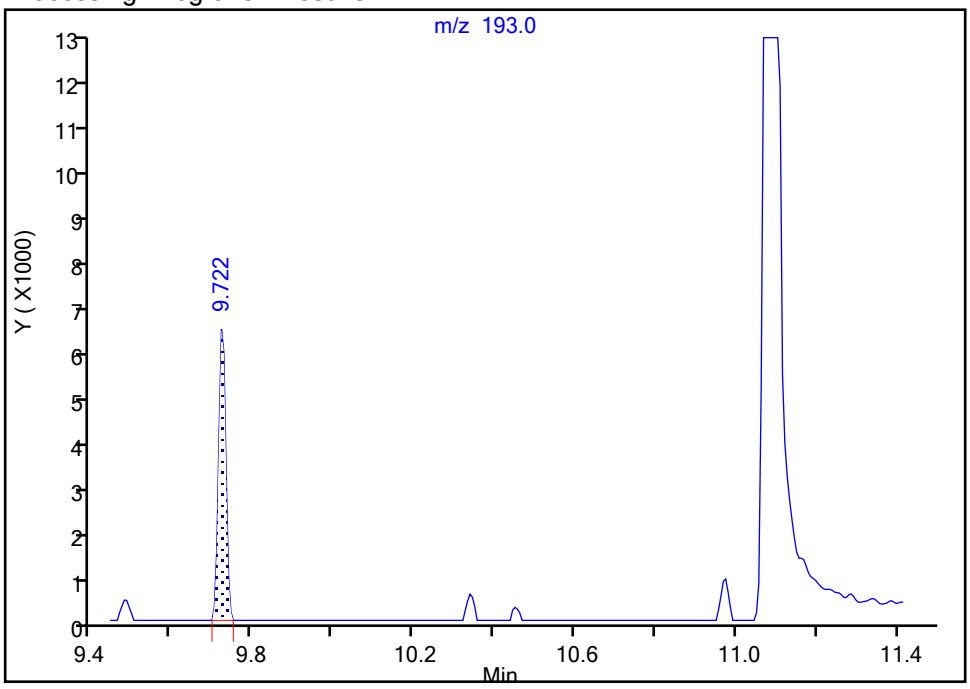
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d				
Injection Date:	04-Apr-2021 12:49:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

97 Carbamazepine, CAS: 298-46-4

Signal: 1

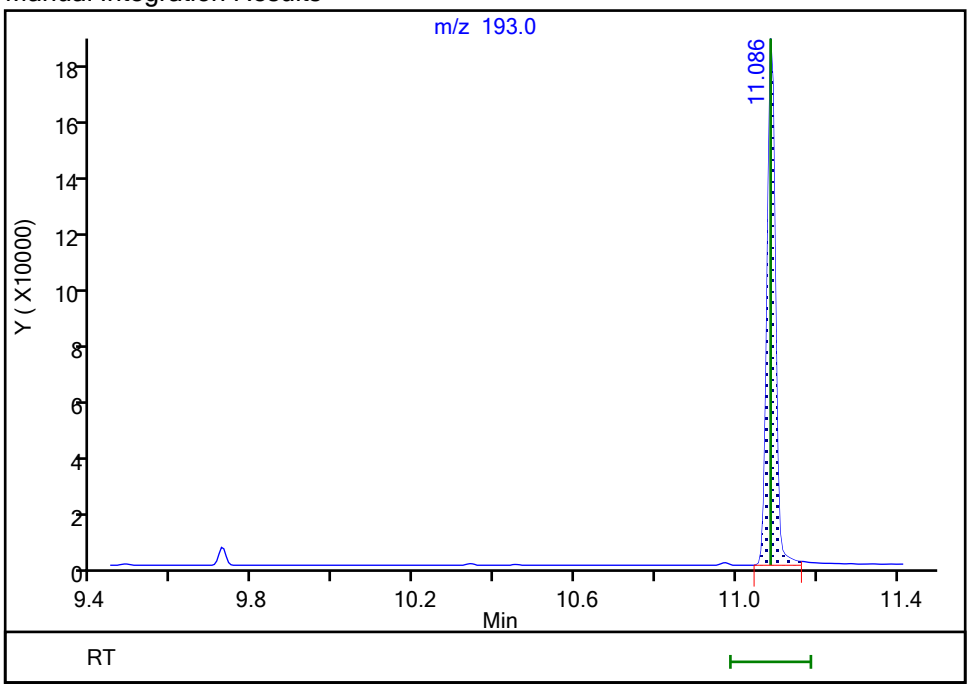
Processing Integration Results

RT: 9.72
Area: 7982
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 11.09
Area: 270443
Amount: 47.136214
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:46:09

Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

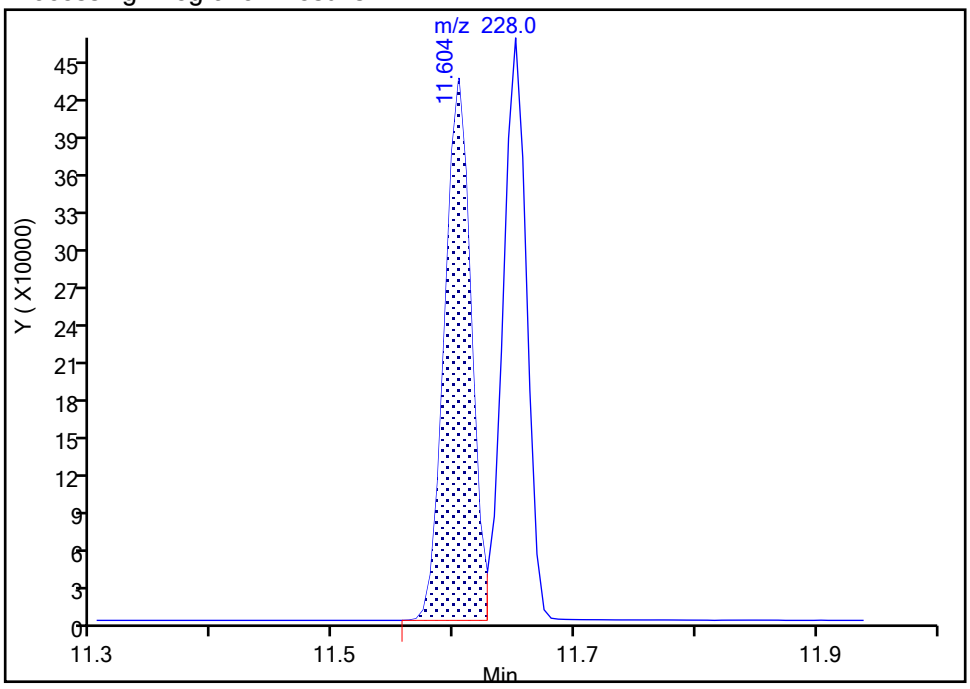
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d
Injection Date: 04-Apr-2021 12:49:30 Instrument ID: CBNAMS12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

101 Chrysene, CAS: 218-01-9

Signal: 1

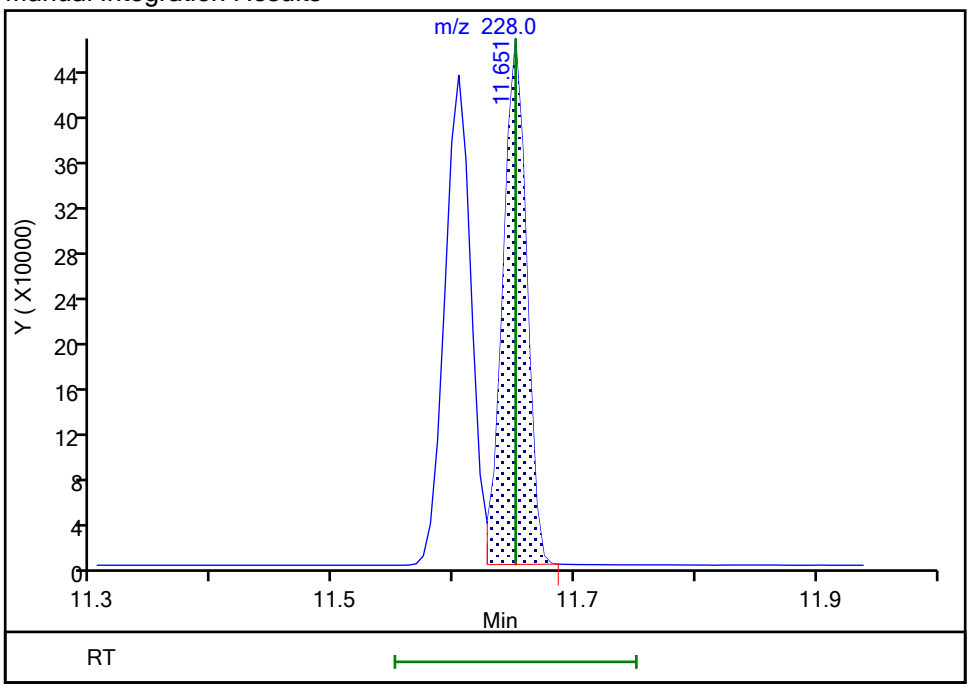
Processing Integration Results

RT: 11.60
Area: 668188
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 11.65
Area: 637444
Amount: 48.816148
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:36:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

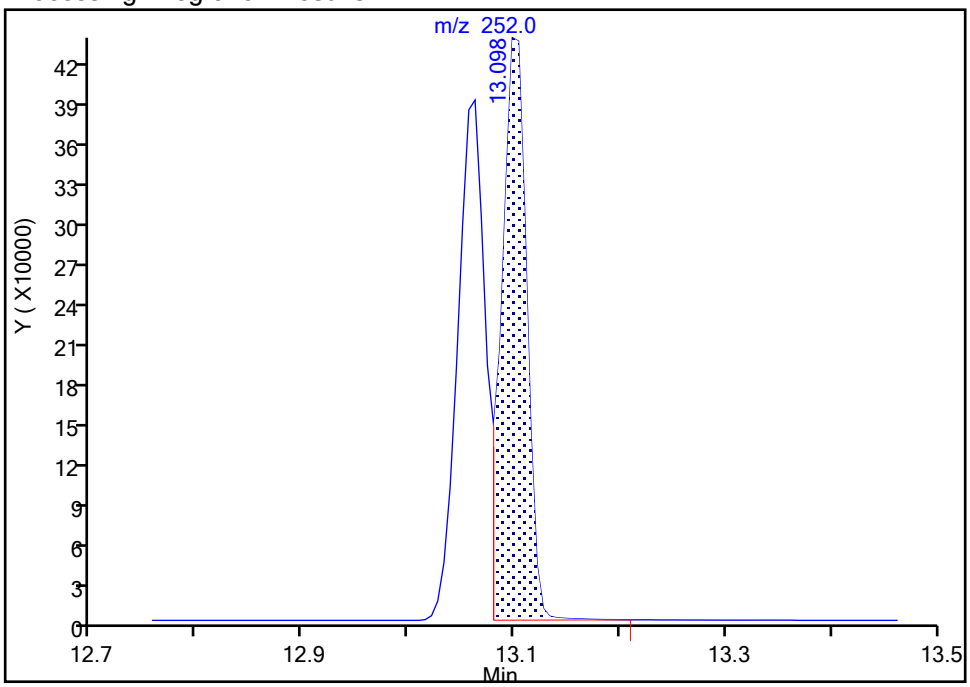
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d				
Injection Date:	04-Apr-2021 12:49:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

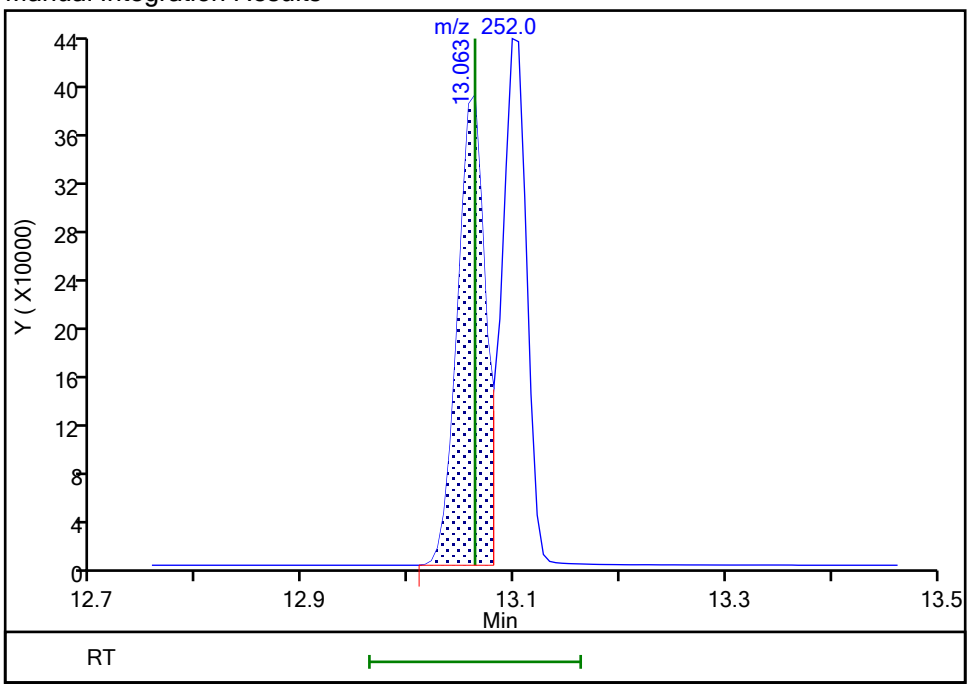
Processing Integration Results

RT: 13.10
Area: 725736
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 13.06
Area: 726782
Amount: 55.901069
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:36:49

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

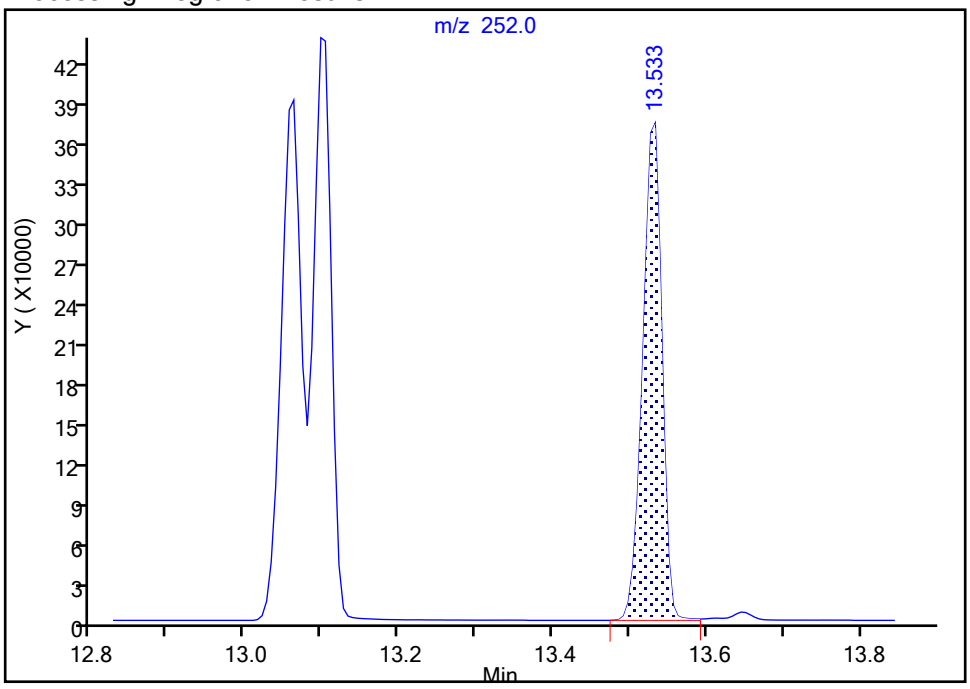
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d
Injection Date: 04-Apr-2021 12:49:30 Instrument ID: CBNAMS12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

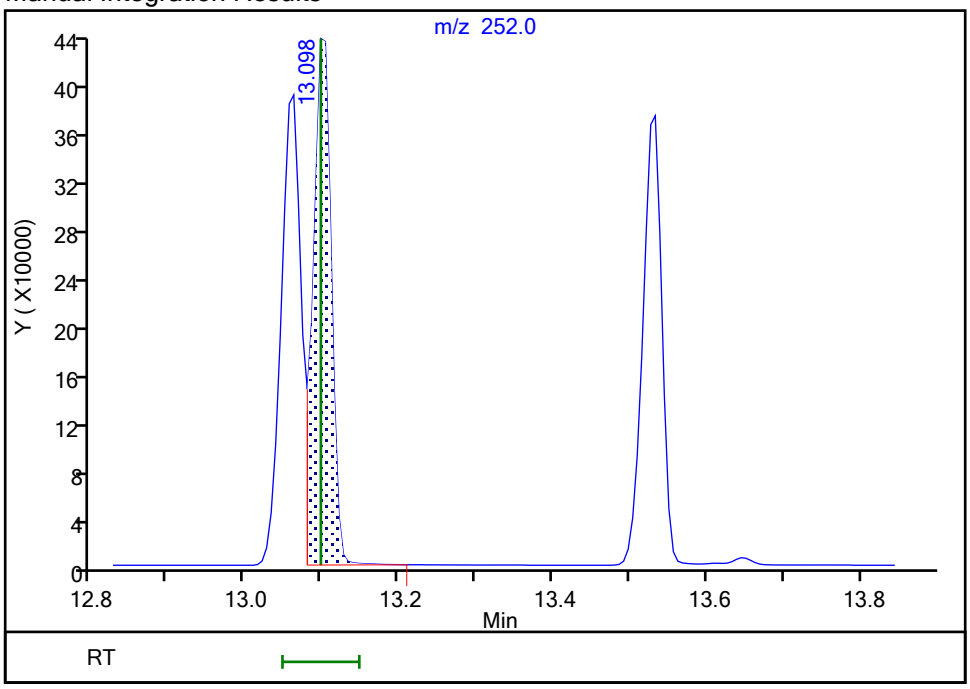
Processing Integration Results

RT: 13.53
Area: 642192
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 13.10
Area: 725736
Amount: 54.750088
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:37:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

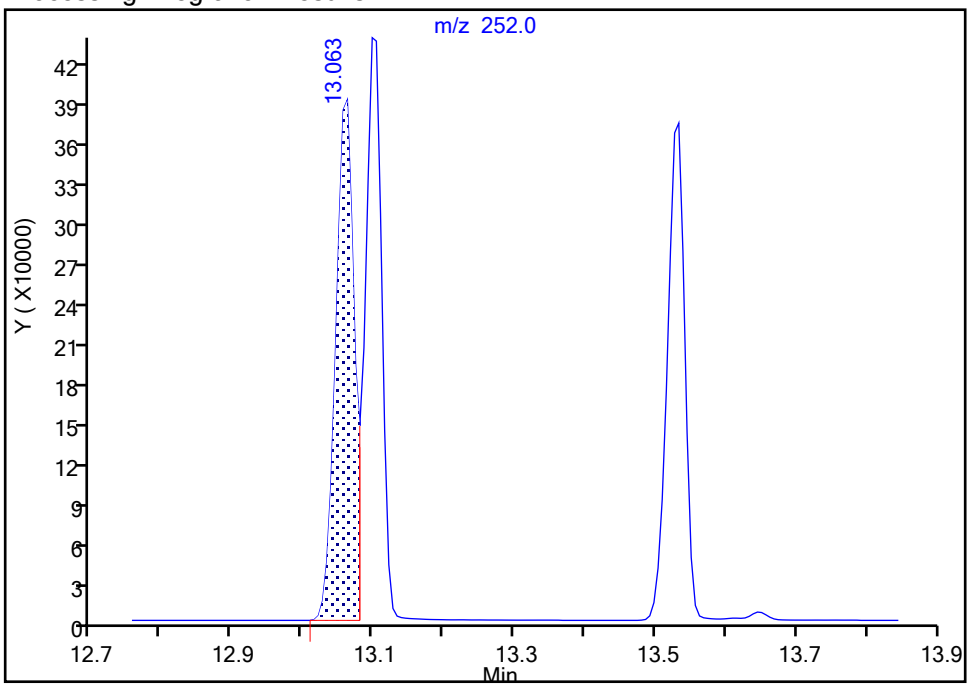
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d				
Injection Date:	04-Apr-2021 12:49:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

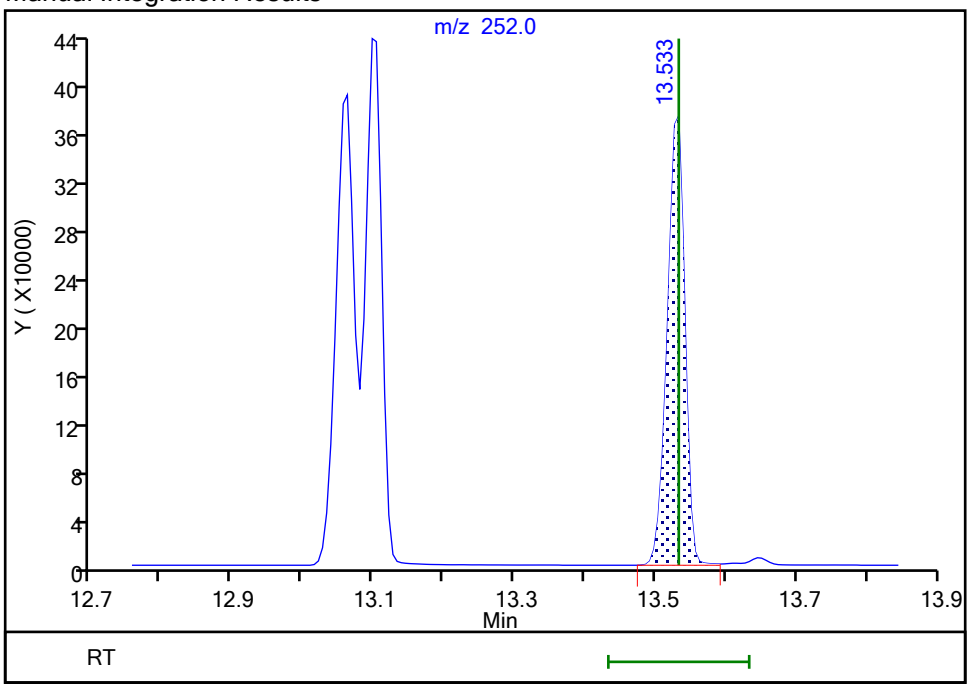
Processing Integration Results

RT: 13.06
Area: 726782
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 13.53
Area: 642192
Amount: 56.045081
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:37:23

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

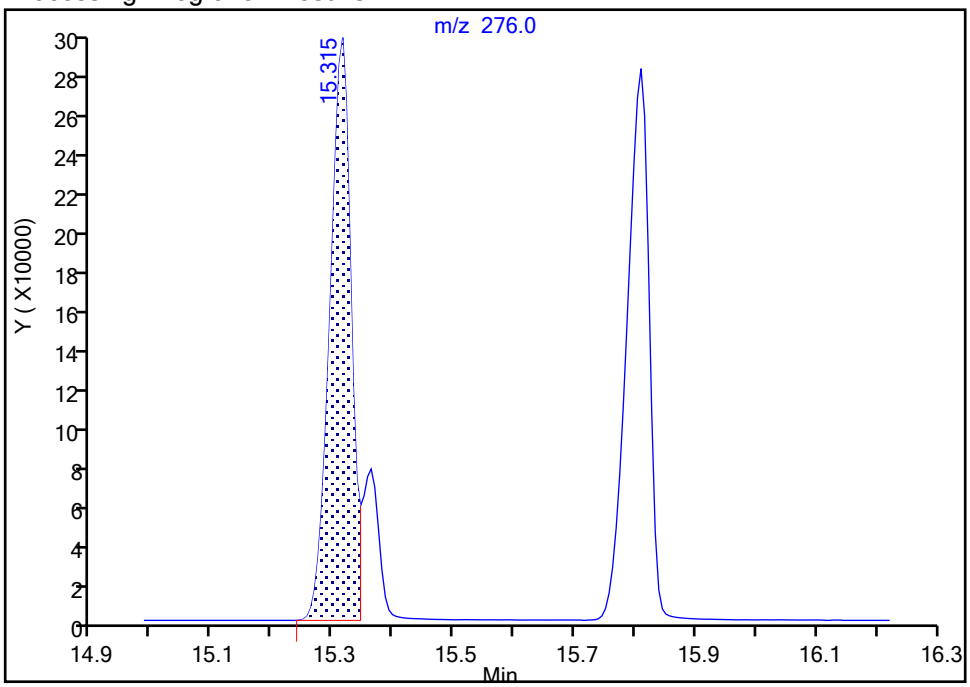
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342533.d				
Injection Date:	04-Apr-2021 12:49:30	Instrument ID:	CBNAMS12		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

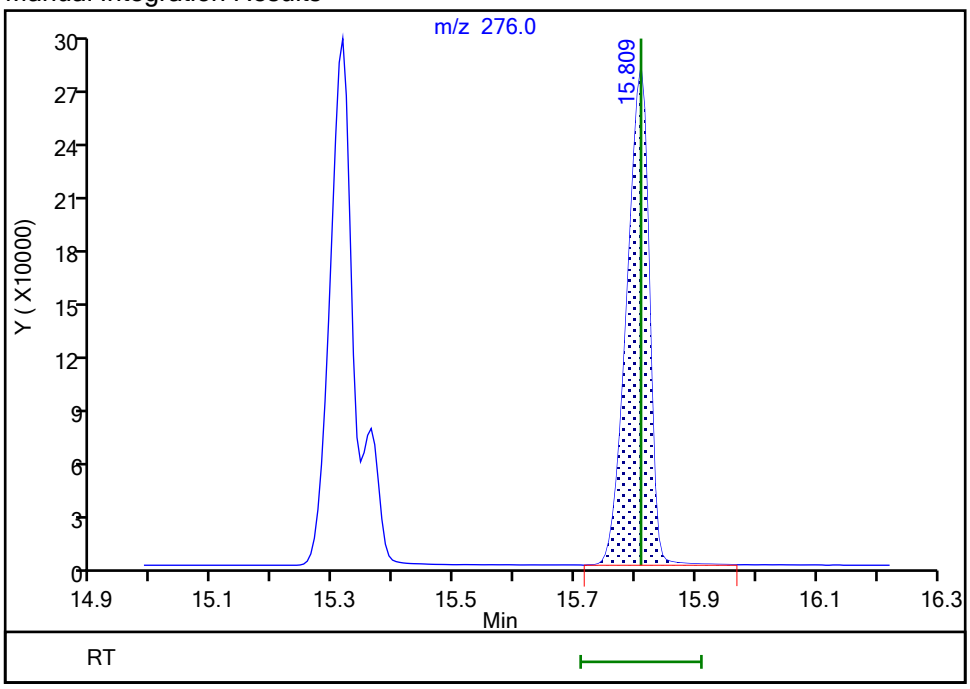
Processing Integration Results

RT: 15.32
Area: 726515
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 15.81
Area: 719646
Amount: 54.523647
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:38:02

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342534.d
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 04-Apr-2021 13:29:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126499-003
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 05-Apr-2021 08:07:42 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: nimerd Date: 04-Apr-2021 13:49:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.963	1.963	0.000	99	137808	120.0	119.5	
2 N-Nitrosodimethylamine	74	2.205	2.204	0.001	84	218549	120.0	116.6	
3 Pyridine	79	2.240	2.240	0.000	84	753611	240.0	231.7	
$ 4 2-Fluorophenol	112	3.416	3.410	0.006	96	438373	120.0	122.5	
5 Benzaldehyde	77	4.234	4.234	0.000	93	18771	32.0	6.82	
$ 6 Phenol-d5	99	4.299	4.293	0.007	0	525659	120.0	122.5	
7 Phenol	94	4.316	4.304	0.012	99	548713	120.0	120.2	
8 Aniline	93	4.340	4.334	0.006	100	624488	120.0	114.8	
9 Bis(2-chloroethyl)ether	93	4.399	4.393	0.007	98	382058	120.0	114.5	
10 2-Chlorophenol	128	4.457	4.451	0.006	97	444705	120.0	116.0	
11 n-Decane	43	4.504	4.504	0.000	93	450798	120.0	111.5	
12 1,3-Dichlorobenzene	146	4.604	4.598	0.006	97	501189	120.0	114.2	
* 13 1,4-Dichlorobenzene-d4	152	4.651	4.651	0.000	94	111455	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.669	4.669	0.000	96	500916	120.0	112.7	
15 Benzyl alcohol	108	4.781	4.775	0.006	94	268508	120.0	117.0	
16 1,2-Dichlorobenzene	146	4.816	4.810	0.006	97	469472	120.0	112.9	
17 2-Methylphenol	108	4.887	4.881	0.006	91	364757	120.0	114.8	
18 2,2'-oxybis[1-chloropropane]	45	4.910	4.904	0.006	92	598936	120.0	110.1	a
130 N-Methylaniline	106	5.022	5.022	0.000	94	653800	120.0	117.7	
22 Acetophenone	105	5.034	5.028	0.006	91	559348	120.0	109.0	
19 4-Methylphenol	108	5.034	5.028	0.006	75	410138	120.0	113.0	
20 3 & 4 Methylphenol	108	5.034	5.028	0.006	83	410138	120.0	113.0	
21 N-Nitrosodi-n-propylamine	70	5.040	5.028	0.012	92	272182	120.0	110.4	
25 Hexachloroethane	117	5.140	5.134	0.006	92	177139	120.0	114.6	
$ 26 Nitrobenzene-d5	82	5.175	5.169	0.006	87	397895	120.0	121.8	
27 Nitrobenzene	123	5.198	5.192	0.006	92	191052	120.0	119.5	
28 n,n'-Dimethylaniline	120	5.198	5.192	0.006	93	624438	120.0	113.4	
29 Isophorone	82	5.428	5.416	0.012	99	708852	120.0	114.9	
30 2-Nitrophenol	139	5.493	5.492	0.001	94	194759	120.0	125.2	
31 2,4-Dimethylphenol	122	5.540	5.534	0.006	92	365771	120.0	116.5	
32 Bis(2-chloroethoxy)methane	93	5.622	5.622	0.000	98	450558	120.0	112.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.669	5.634	0.035	89	222171	120.0	139.0	
34 2,4-Dichlorophenol	162	5.722	5.722	0.000	96	372999	120.0	121.4	
35 1,2,4-Trichlorobenzene	180	5.804	5.804	0.000	94	409965	120.0	113.2	
* 36 Naphthalene-d8	136	5.857	5.857	0.000	98	404909	40.0	40.0	
37 Naphthalene	128	5.881	5.875	0.006	99	1138311	120.0	111.3	
38 4-Chloroaniline	127	5.928	5.922	0.006	98	514150	120.0	114.1	
131 2,6-Dichlorophenol	162	5.940	5.934	0.006	98	355915	120.0	117.8	
39 Hexachlorobutadiene	225	6.004	6.004	0.000	97	239608	120.0	115.9	
40 Caprolactam	113	6.281	6.287	-0.005	88	9887	32.0	11.2	
41 4-Chloro-3-methylphenol	107	6.387	6.386	0.001	95	339459	120.0	118.2	
42 2-Methylnaphthalene	142	6.534	6.534	0.000	86	837659	120.0	113.1	
43 1-Methylnaphthalene	142	6.628	6.628	0.000	93	782338	120.0	112.2	
44 Hexachlorocyclopentadiene	237	6.698	6.692	0.006	98	294781	120.0	123.3	
45 1,2,4,5-Tetrachlorobenzene	216	6.698	6.698	0.000	98	430993	120.0	113.8	
46 2-tertbutyl-4-methylphenol	149	6.728	6.722	0.006	91	534793	120.0	118.5	
48 2,4,6-Trichlorophenol	196	6.804	6.804	0.000	92	293005	120.0	126.9	
49 2,4,5-Trichlorophenol	196	6.834	6.834	0.000	97	305216	120.0	115.6	
$ 50 2-Fluorobiphenyl	172	6.887	6.881	0.006	97	951388	120.0	114.5	
51 1,1'-Biphenyl	154	6.981	6.975	0.006	96	987394	120.0	111.1	
52 2-Chloronaphthalene	162	6.998	6.992	0.006	98	760665	120.0	111.0	
53 Phenyl ether	170	7.081	7.075	0.006	88	547851	120.0	118.5	
54 2-Nitroaniline	65	7.092	7.086	0.006	98	230049	120.0	123.1	
55 1,3-Dimethylnaphthalene	156	7.204	7.204	0.000	95	618478	120.0	116.6	
58 Dimethyl phthalate	163	7.275	7.269	0.006	99	884412	120.0	112.0	
59 Coumarin	146	7.292	7.281	0.011	79	310641	120.0	115.7	
60 2,6-Dinitrotoluene	165	7.328	7.316	0.012	94	192271	120.0	139.8	
61 Acenaphthylene	152	7.392	7.386	0.006	98	1144014	120.0	110.4	
62 3-Nitroaniline	138	7.487	7.475	0.012	97	204775	120.0	125.1	
* 63 Acenaphthene-d10	164	7.522	7.522	0.000	96	222577	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.551	7.545	0.006	97	710018	120.0	120.2	
65 Acenaphthene	154	7.557	7.551	0.006	95	749468	120.0	108.2	
66 2,4-Dinitrophenol	184	7.587	7.575	0.012	95	179023	240.0	231.8	a
67 4-Nitrophenol	65	7.645	7.639	0.006	90	287553	240.0	249.6	
68 2,4-Dinitrotoluene	165	7.704	7.698	0.006	97	253942	120.0	115.4	
69 Dibenzofuran	168	7.722	7.716	0.006	96	1079290	120.0	110.1	
70 2,3,4,6-Tetrachlorophenol	232	7.839	7.833	0.006	96	247904	120.0	123.7	
71 Diethyl phthalate	149	7.945	7.939	0.006	98	926880	120.0	113.2	
74 Fluorene	166	8.045	8.039	0.006	94	874225	120.0	110.7	
73 4-Chlorophenyl phenyl ether	204	8.045	8.039	0.006	90	426043	120.0	113.2	
75 4-Nitroaniline	138	8.075	8.057	0.018	89	211509	120.0	123.1	
76 4,6-Dinitro-2-methylphenol	198	8.098	8.086	0.012	90	250218	240.0	237.5	
77 N-Nitrosodiphenylamine	169	8.157	8.151	0.006	99	633679	120.0	114.2	
78 1,2-Diphenylhydrazine	77	8.192	8.192	0.000	97	754149	120.0	113.5	
$ 79 2,4,6-Tribromophenol	330	8.275	8.269	0.006	92	162423	120.0	137.0	
80 4-Bromophenyl phenyl ether	248	8.504	8.504	0.000	95	279030	120.0	116.7	
81 Hexachlorobenzene	284	8.575	8.569	0.006	97	318163	120.0	117.2	
82 Atrazine	200	8.663	8.657	0.006	93	67788	32.0	31.0	
83 Pentachlorophenol	266	8.757	8.751	0.006	94	412275	240.0	272.2	
84 Pentachloronitrobenzene	237	8.775	8.769	0.006	90	137387	120.0	134.5	
72 n-Octadecane	57	8.839	8.833	0.006	92	530105	120.0	110.1	
* 85 Phenanthrene-d10	188	8.928	8.928	0.000	98	405697	40.0	40.0	
86 Phenanthrene	178	8.951	8.951	0.000	97	1308881	120.0	112.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	9.004	8.998	0.006	99	1348377	120.0	112.8	
88 Carbazole	167	9.151	9.145	0.006	96	1212171	120.0	113.5	
89 Di-n-butyl phthalate	149	9.486	9.486	0.000	99	1521648	120.0	113.5	
90 Fluoranthene	202	10.081	10.074	0.007	98	1530437	120.0	115.5	
91 Benzidine	184	10.204	10.198	0.006	99	803748	120.0	119.2	a
92 Pyrene	202	10.298	10.292	0.006	97	1541975	120.0	115.8	
93 Bisphenol-A	213	10.345	10.339	0.006	98	669511	120.0	135.3	
$ 94 Terphenyl-d14	244	10.457	10.451	0.006	100	1057056	120.0	117.8	
95 Butyl benzyl phthalate	149	10.975	10.974	0.001	94	661997	120.0	120.3	
97 Carbamazepine	193	11.098	11.086	0.012	93	670221	120.0	132.9	
98 3,3'-Dichlorobenzidine	252	11.592	11.580	0.012	99	579569	120.0	127.5	
99 Benzo[a]anthracene	228	11.610	11.604	0.006	98	1411568	120.0	115.2	
* 100 Chrysene-d12	240	11.627	11.616	0.011	99	352185	40.0	40.0	
101 Chrysene	228	11.663	11.651	0.012	98	1311392	120.0	114.2	
102 Bis(2-ethylhexyl) phthalate	149	11.675	11.669	0.007	86	950863	120.0	116.8	
103 Di-n-octyl phthalate	149	12.563	12.557	0.006	96	1725627	120.0	114.7	
104 Benzo[b]fluoranthene	252	13.074	13.063	0.011	98	1532875	120.0	118.8	
105 Benzo[k]fluoranthene	252	13.116	13.098	0.018	99	1544114	120.0	117.4	
106 Benzo[a]pyrene	252	13.545	13.533	0.012	97	1356678	120.0	119.3	
* 107 Perylene-d12	264	13.621	13.615	0.006	98	436182	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.339	15.315	0.024	99	1609463	120.0	129.7	
109 Dibenz(a,h)anthracene	278	15.386	15.362	0.024	98	1438611	120.0	120.2	
110 Benzo[g,h,i]perylene	276	15.839	15.809	0.030	98	1519195	120.0	116.0	
S 117 Total Cresols	1				0			227.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L9_00002 Amount Added: 1.00 Units: mL

Report Date: 05-Apr-2021 08:07:45 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342534.d

Injection Date: 04-Apr-2021 13:29:30 Instrument ID: CBNAMS12 Operator ID:

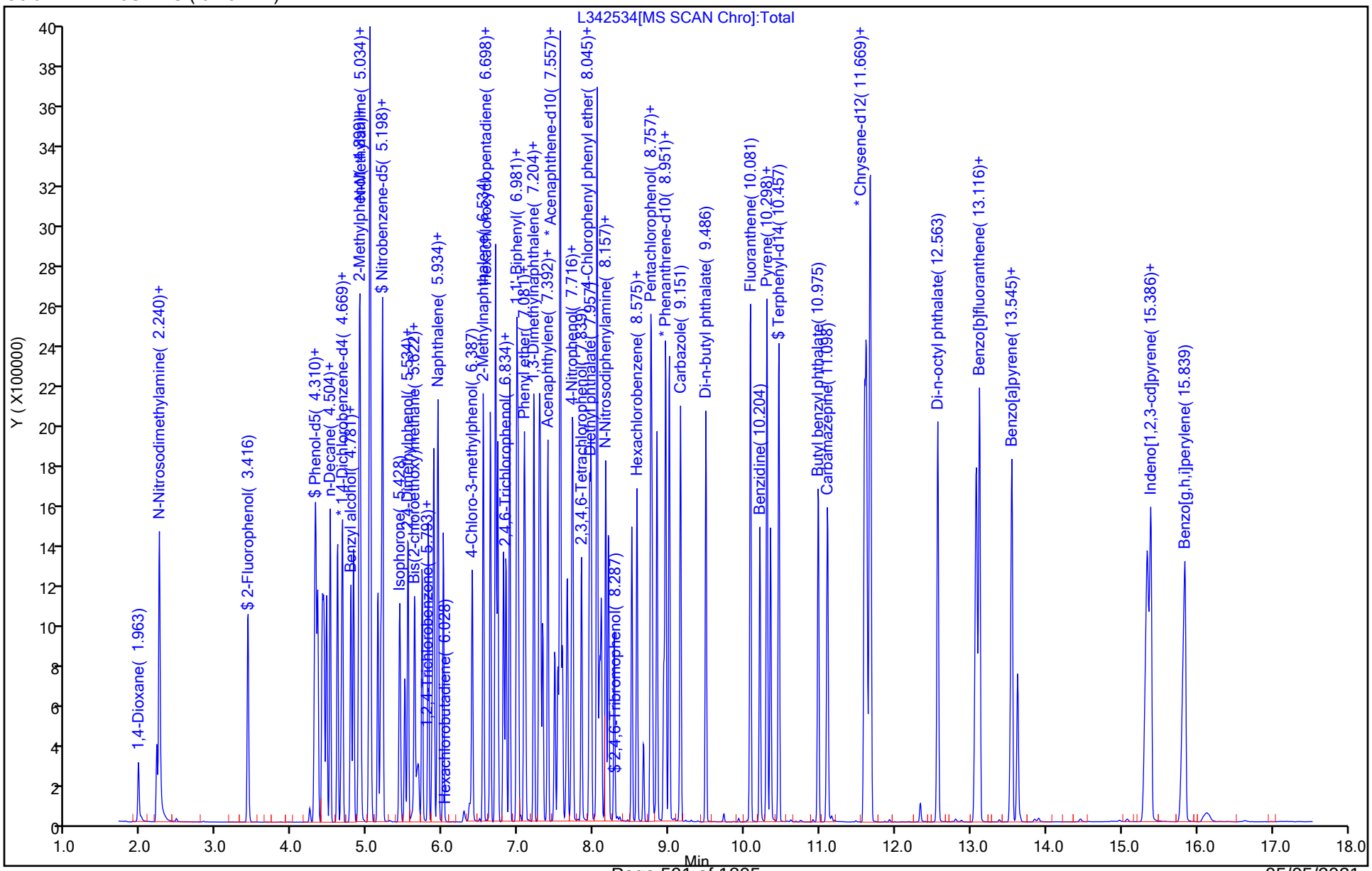
Lims ID: STD120 Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270_12R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

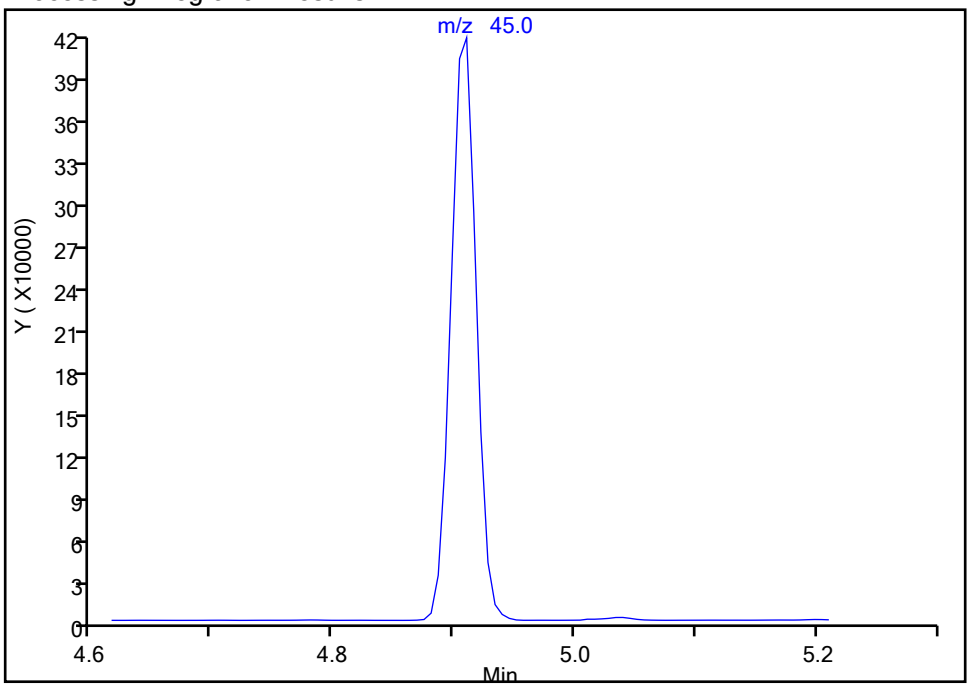
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342534.d
Injection Date: 04-Apr-2021 13:29:30 Instrument ID: CBNAMS12
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

18 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

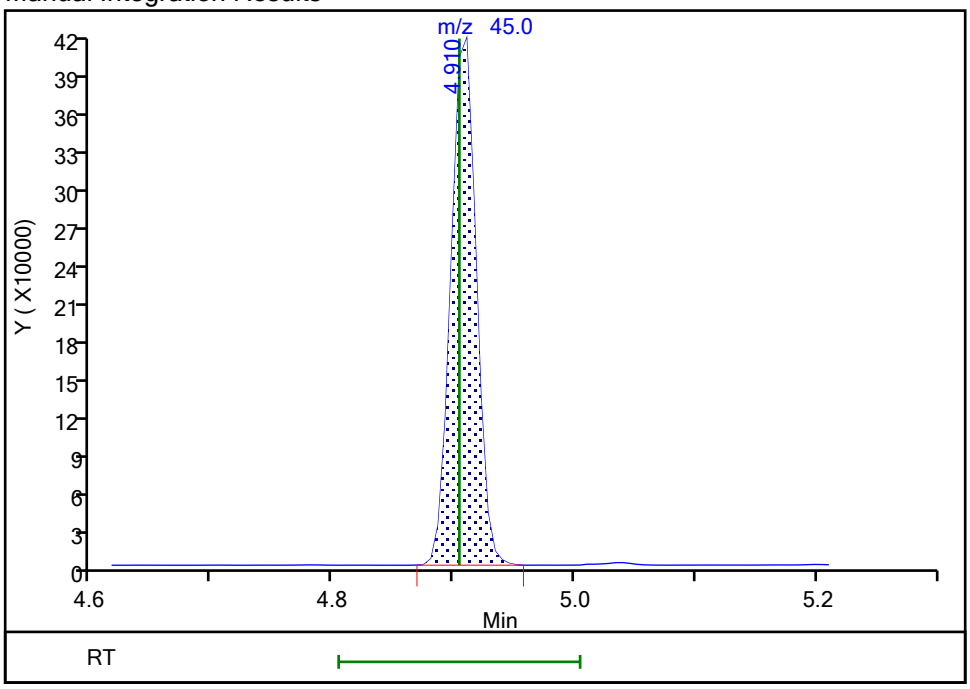
Not Detected
Expected RT: 4.90

Processing Integration Results



RT: 4.91
Area: 598936
Amount: 110.1019
Amount Units: ug/ml

Manual Integration Results



Reviewer: nimerd, 04-Apr-2021 13:49:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

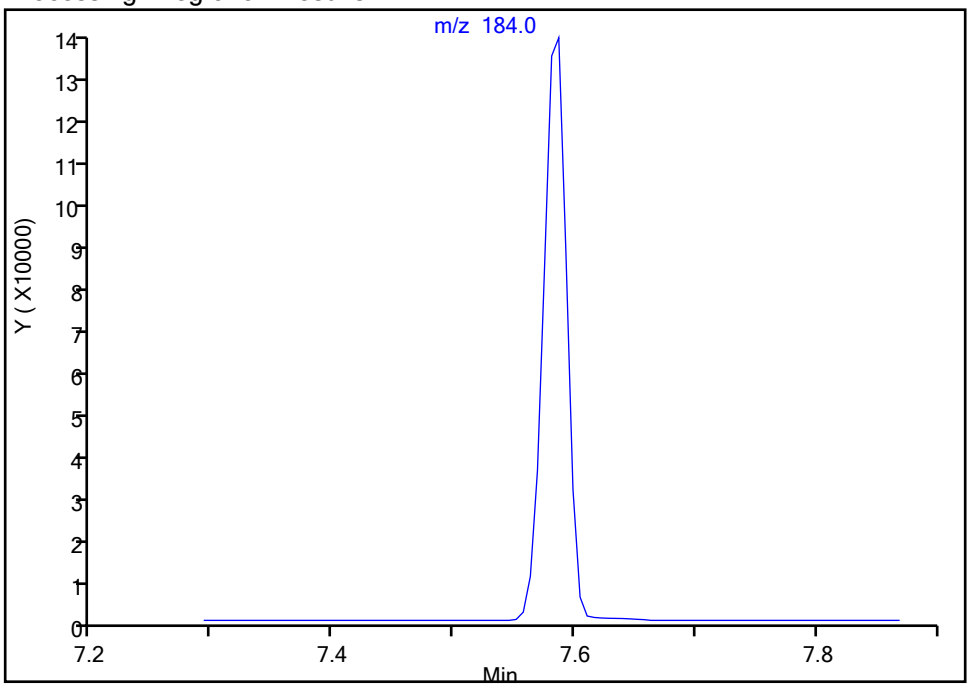
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342534.d
Injection Date: 04-Apr-2021 13:29:30 Instrument ID: CBNAMS12
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

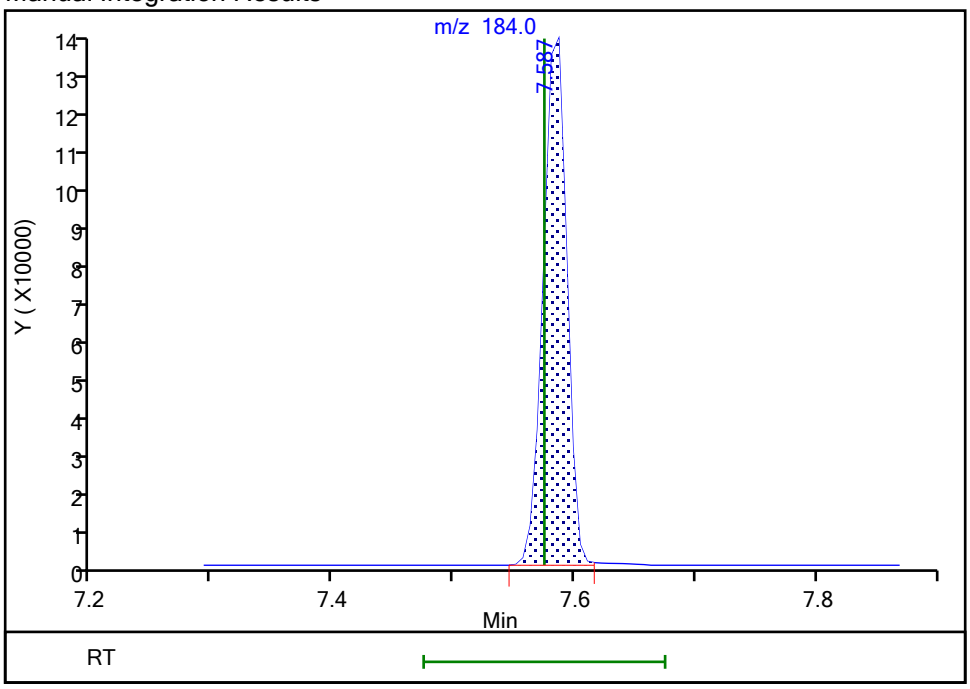
Not Detected
Expected RT: 7.57

Processing Integration Results



RT: 7.59
Area: 179023
Amount: 231.7793
Amount Units: ug/ml

Manual Integration Results



Reviewer: nimerd, 04-Apr-2021 13:49:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

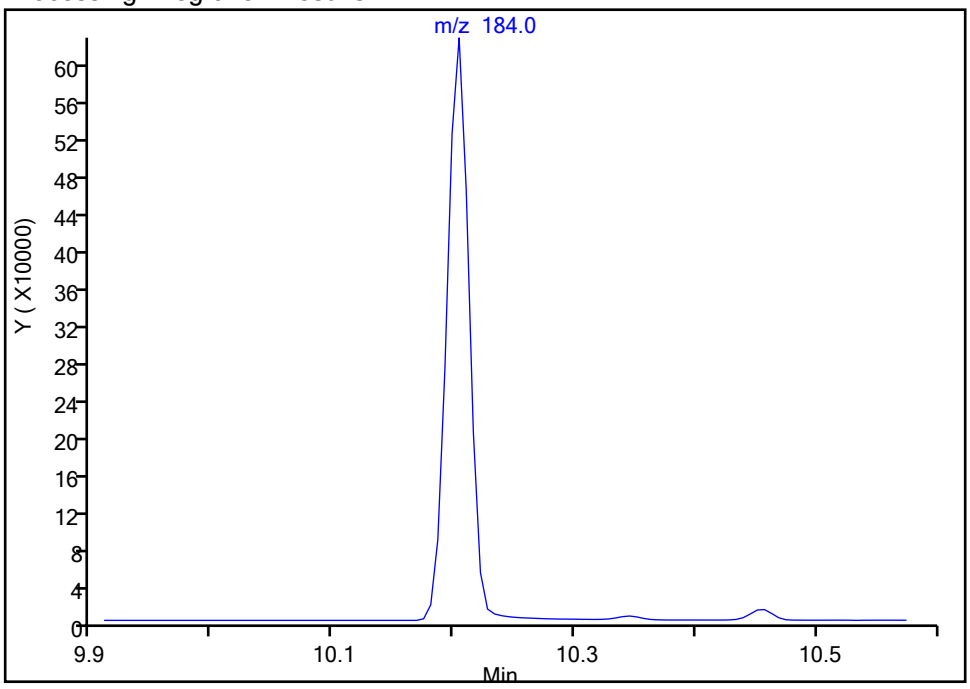
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342534.d				
Injection Date:	04-Apr-2021 13:29:30	Instrument ID:	CBNAMS12		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Benzidine, CAS: 92-87-5

Signal: 1

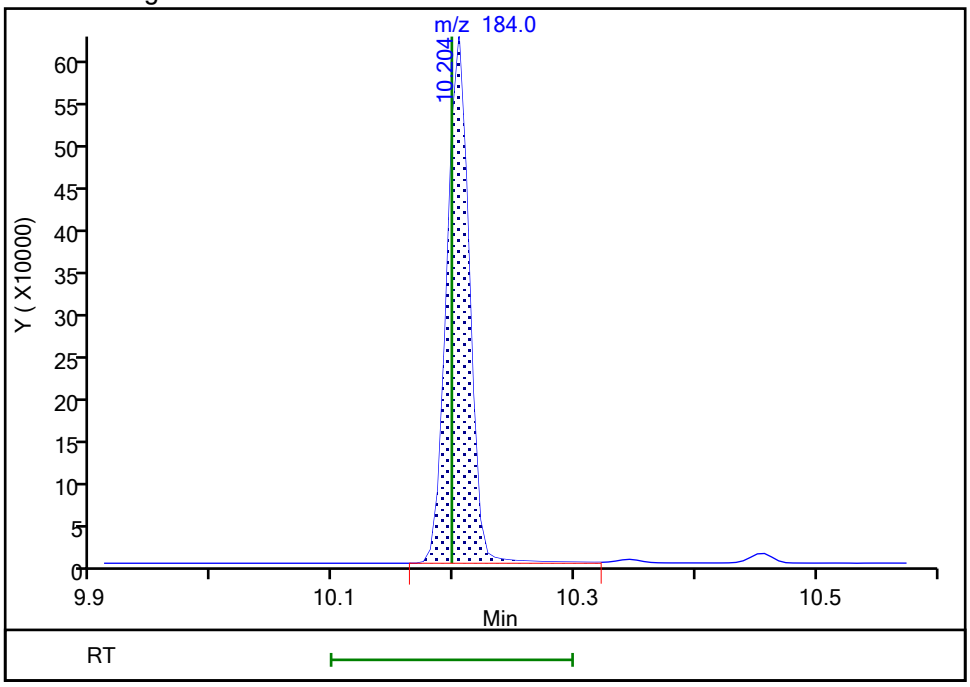
Not Detected
Expected RT: 10.20

Processing Integration Results



Manual Integration Results

RT: 10.20
Area: 803748
Amount: 119.2168
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 13:49:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342535.d
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 04-Apr-2021 13:51:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126499-004
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 05-Apr-2021 08:07:49 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: nimerd Date: 04-Apr-2021 14:28:41

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.963	1.963	0.000	99	96192	80.0	81.4	
	2 N-Nitrosodimethylamine	74	2.205	2.204	0.000	86	145736	80.0	79.1	
	3 Pyridine	79	2.240	2.240	0.000	84	509125	160.0	159.2	
$	4 2-Fluorophenol	112	3.410	3.410	0.000	96	285557	80.0	81.2	
	5 Benzaldehyde	77	4.234	4.234	0.000	94	22914	24.0	8.47	
$	6 Phenol-d5	99	4.293	4.293	0.001	0	342775	80.0	81.3	
	7 Phenol	94	4.310	4.304	0.006	99	368110	80.0	82.0	
	8 Aniline	93	4.334	4.334	0.000	98	418711	80.0	78.3	
	9 Bis(2-chloroethyl)ether	93	4.393	4.393	0.001	95	252650	80.0	77.0	
	10 2-Chlorophenol	128	4.451	4.451	0.000	97	296898	80.0	78.8	
	11 n-Decane	43	4.504	4.504	0.000	94	308789	80.0	77.7	
	12 1,3-Dichlorobenzene	146	4.598	4.598	0.000	97	337901	80.0	78.3	
*	13 1,4-Dichlorobenzene-d4	152	4.651	4.651	0.000	93	109578	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.669	4.669	0.000	96	339022	80.0	77.6	
	15 Benzyl alcohol	108	4.775	4.775	0.000	94	177324	80.0	78.6	
	16 1,2-Dichlorobenzene	146	4.810	4.810	0.000	97	318753	80.0	78.0	
	17 2-Methylphenol	108	4.881	4.881	0.000	91	245545	80.0	78.6	
	18 2,2'-oxybis[1-chloropropane]	45	4.904	4.904	0.000	94	406899	80.0	76.1	a
	130 N-Methylaniline	106	5.022	5.022	0.000	92	431064	80.0	78.9	
	22 Acetophenone	105	5.028	5.028	0.000	90	384158	80.0	76.2	
	19 4-Methylphenol	108	5.028	5.028	0.000	76	278275	80.0	78.0	
	20 3 & 4 Methylphenol	108	5.028	5.028	0.000	85	278275	80.0	78.0	
	21 N-Nitrosodi-n-propylamine	70	5.034	5.028	0.006	92	188238	80.0	77.7	
	25 Hexachloroethane	117	5.134	5.134	0.000	93	120165	80.0	79.1	
$	26 Nitrobenzene-d5	82	5.175	5.169	0.006	87	269887	80.0	82.4	
	28 n,n'-Dimethylaniline	120	5.198	5.192	0.006	93	417109	80.0	77.0	
	27 Nitrobenzene	123	5.193	5.192	0.001	92	130704	80.0	83.2	
	29 Isophorone	82	5.416	5.416	0.000	99	482581	80.0	78.1	
	30 2-Nitrophenol	139	5.493	5.492	0.001	95	135582	80.0	87.0	
	31 2,4-Dimethylphenol	122	5.534	5.534	0.000	92	247199	80.0	78.5	
	32 Bis(2-chloroethoxy)methane	93	5.622	5.622	0.000	98	308150	80.0	77.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.645	5.634	0.011	90	150310	80.0	93.9	
34 2,4-Dichlorophenol	162	5.722	5.722	0.000	96	247287	80.0	80.3	
35 1,2,4-Trichlorobenzene	180	5.804	5.804	0.000	94	285041	80.0	78.6	
* 36 Naphthalene-d8	136	5.857	5.857	0.000	98	405768	40.0	40.0	
37 Naphthalene	128	5.875	5.875	0.000	99	790555	80.0	77.1	
38 4-Chloroaniline	127	5.922	5.922	0.000	98	352065	80.0	78.0	
131 2,6-Dichlorophenol	162	5.934	5.934	0.000	98	239764	80.0	79.2	
39 Hexachlorobutadiene	225	6.004	6.004	0.000	97	163267	80.0	78.8	
40 Caprolactam	113	6.310	6.287	0.024	89	15551	24.0	17.5	
41 4-Chloro-3-methylphenol	107	6.387	6.386	0.001	95	229396	80.0	79.7	
42 2-Methylnaphthalene	142	6.534	6.534	0.000	86	578735	80.0	78.0	
43 1-Methylnaphthalene	142	6.628	6.628	0.000	93	546427	80.0	78.2	
44 Hexachlorocyclopentadiene	237	6.692	6.692	0.000	98	199650	80.0	83.1	
45 1,2,4,5-Tetrachlorobenzene	216	6.698	6.698	0.000	98	298899	80.0	78.5	
46 2-tertbutyl-4-methylphenol	149	6.722	6.722	0.000	91	360188	80.0	79.7	
48 2,4,6-Trichlorophenol	196	6.798	6.804	-0.006	91	193674	80.0	83.5	
49 2,4,5-Trichlorophenol	196	6.834	6.834	0.000	98	212469	80.0	80.0	
$ 50 2-Fluorobiphenyl	172	6.881	6.881	0.000	98	653663	80.0	78.3	
51 1,1'-Biphenyl	154	6.975	6.975	0.000	95	689312	80.0	77.1	
52 2-Chloronaphthalene	162	6.992	6.992	0.000	99	530933	80.0	77.1	
53 Phenyl ether	170	7.075	7.075	0.000	86	369370	80.0	79.5	
54 2-Nitroaniline	65	7.087	7.086	0.001	98	157640	80.0	84.0	
55 1,3-Dimethylnaphthalene	156	7.204	7.204	0.000	93	423800	80.0	79.5	
58 Dimethyl phthalate	163	7.269	7.269	0.000	99	607205	80.0	76.5	
59 Coumarin	146	7.287	7.281	0.006	79	209359	80.0	77.8	
60 2,6-Dinitrotoluene	165	7.316	7.316	0.000	95	129645	80.0	93.8	
61 Acenaphthylene	152	7.387	7.386	0.001	98	802727	80.0	77.1	
62 3-Nitroaniline	138	7.475	7.475	0.000	96	138953	80.0	84.5	
* 63 Acenaphthene-d10	164	7.522	7.522	0.000	93	223700	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.545	7.545	0.000	97	476639	80.0	80.3	
65 Acenaphthene	154	7.551	7.551	0.000	95	554785	80.0	79.7	
66 2,4-Dinitrophenol	184	7.575	7.575	0.000	95	118592	160.0	168.0	a
67 4-Nitrophenol	65	7.639	7.639	0.000	90	195685	160.0	169.0	
68 2,4-Dinitrotoluene	165	7.698	7.698	0.000	97	173439	80.0	82.5	
69 Dibenzofuran	168	7.716	7.716	0.000	96	757543	80.0	76.9	
70 2,3,4,6-Tetrachlorophenol	232	7.834	7.833	0.001	95	163712	80.0	81.3	
71 Diethyl phthalate	149	7.939	7.939	0.000	98	634312	80.0	77.1	
74 Fluorene	166	8.039	8.039	0.000	94	609588	80.0	76.8	
73 4-Chlorophenyl phenyl ether	204	8.039	8.039	0.000	77	294231	80.0	77.8	
75 4-Nitroaniline	138	8.063	8.057	0.006	88	143490	80.0	83.1	
76 4,6-Dinitro-2-methylphenol	198	8.092	8.086	0.006	89	163334	160.0	165.5	
77 N-Nitrosodiphenylamine	169	8.151	8.151	0.000	99	430172	80.0	77.4	
78 1,2-Diphenylhydrazine	77	8.186	8.192	-0.006	97	510361	80.0	76.7	
$ 79 2,4,6-Tribromophenol	330	8.269	8.269	0.000	92	109165	80.0	91.6	
80 4-Bromophenyl phenyl ether	248	8.498	8.504	-0.006	95	191110	80.0	79.8	
81 Hexachlorobenzene	284	8.569	8.569	0.000	96	219166	80.0	80.6	
82 Atrazine	200	8.657	8.657	0.000	94	53716	24.0	24.5	
83 Pentachlorophenol	266	8.751	8.751	0.000	94	275280	160.0	181.4	
84 Pentachloronitrobenzene	237	8.769	8.769	0.000	90	89155	80.0	87.1	
72 n-Octadecane	57	8.833	8.833	0.000	93	375419	80.0	77.8	
* 85 Phenanthrene-d10	188	8.922	8.928	-0.006	98	406520	40.0	40.0	
86 Phenanthrene	178	8.945	8.951	-0.006	97	904232	80.0	77.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	8.998	8.998	0.000	99	939230	80.0	78.4	
88 Carbazole	167	9.145	9.145	0.000	96	828819	80.0	77.5	
89 Di-n-butyl phthalate	149	9.481	9.486	-0.006	99	1041349	80.0	77.5	
90 Fluoranthene	202	10.075	10.074	0.001	98	1036132	80.0	78.0	
91 Benzidine	184	10.198	10.198	0.000	99	533479	80.0	79.0	a
92 Pyrene	202	10.292	10.292	0.000	97	1045894	80.0	78.6	
93 Bisphenol-A	213	10.339	10.339	0.000	98	441965	80.0	89.3	
$ 94 Terphenyl-d14	244	10.451	10.451	0.000	100	718041	80.0	80.0	
95 Butyl benzyl phthalate	149	10.969	10.974	-0.005	94	448134	80.0	81.5	
97 Carbamazepine	193	11.086	11.086	0.000	93	436951	80.0	86.6	
98 3,3'-Dichlorobenzidine	252	11.580	11.580	0.000	99	378511	80.0	83.3	
99 Benzo[a]anthracene	228	11.604	11.604	0.000	98	949464	80.0	77.5	
* 100 Chrysene-d12	240	11.616	11.616	0.000	99	352131	40.0	40.0	
101 Chrysene	228	11.651	11.651	0.000	98	905031	80.0	78.8	
102 Bis(2-ethylhexyl) phthalate	149	11.669	11.669	0.001	85	641627	80.0	78.9	
103 Di-n-octyl phthalate	149	12.551	12.557	-0.006	96	1169335	80.0	79.7	
104 Benzo[b]fluoranthene	252	13.057	13.063	-0.006	98	1031768	80.0	82.0	
105 Benzo[k]fluoranthene	252	13.104	13.098	0.006	99	1006066	80.0	78.5	
106 Benzo[a]pyrene	252	13.527	13.533	-0.006	97	896642	80.0	80.9	
* 107 Perylene-d12	264	13.610	13.615	-0.005	98	425211	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.315	15.315	0.000	99	1020928	80.0	84.4	
109 Dibenz(a,h)anthracene	278	15.362	15.362	0.000	98	980138	80.0	84.0	
110 Benzo[g,h,i]perylene	276	15.810	15.809	0.001	99	990161	80.0	77.5	
S 117 Total Cresols	1				0			156.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L8_00002 Amount Added: 1.00 Units: mL

Report Date: 05-Apr-2021 08:07:52 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342535.d

Injection Date: 04-Apr-2021 13:51:30 Instrument ID: CBNAMS12 Operator ID:

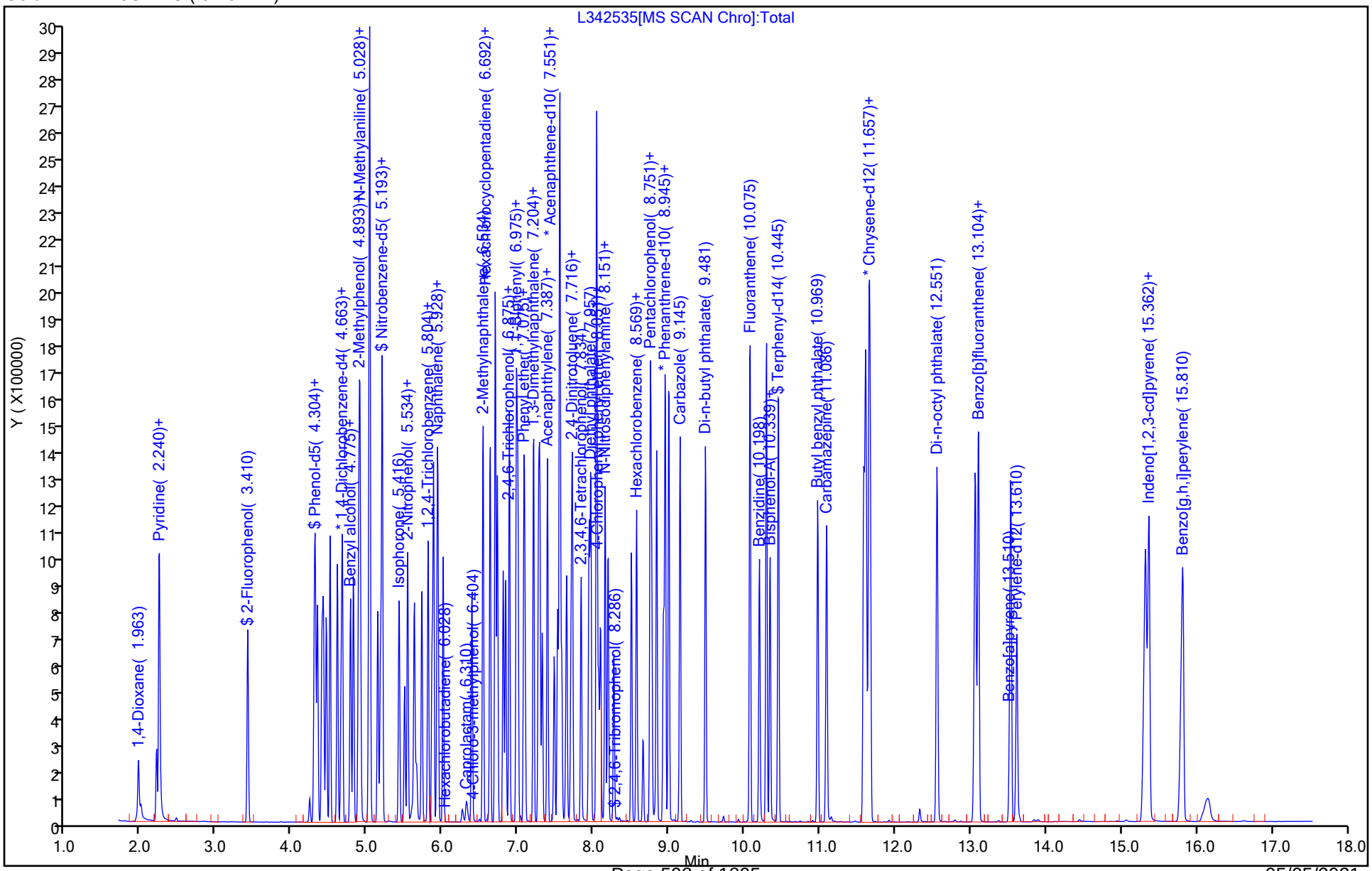
Lims ID: STD80 Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270_12R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

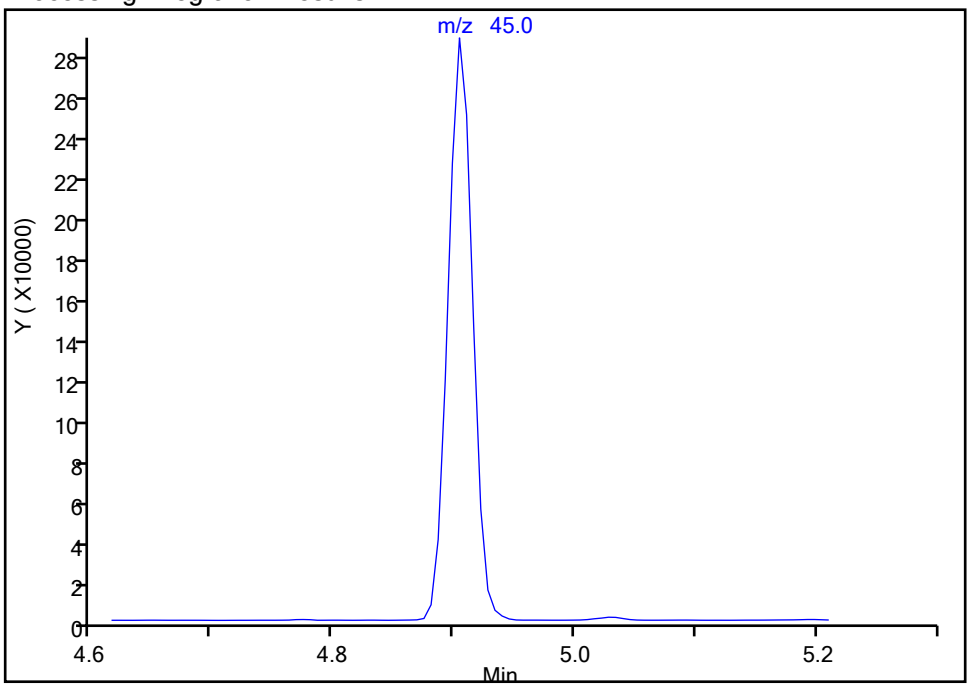
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342535.d
Injection Date: 04-Apr-2021 13:51:30 Instrument ID: CBNAMS12
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

18 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

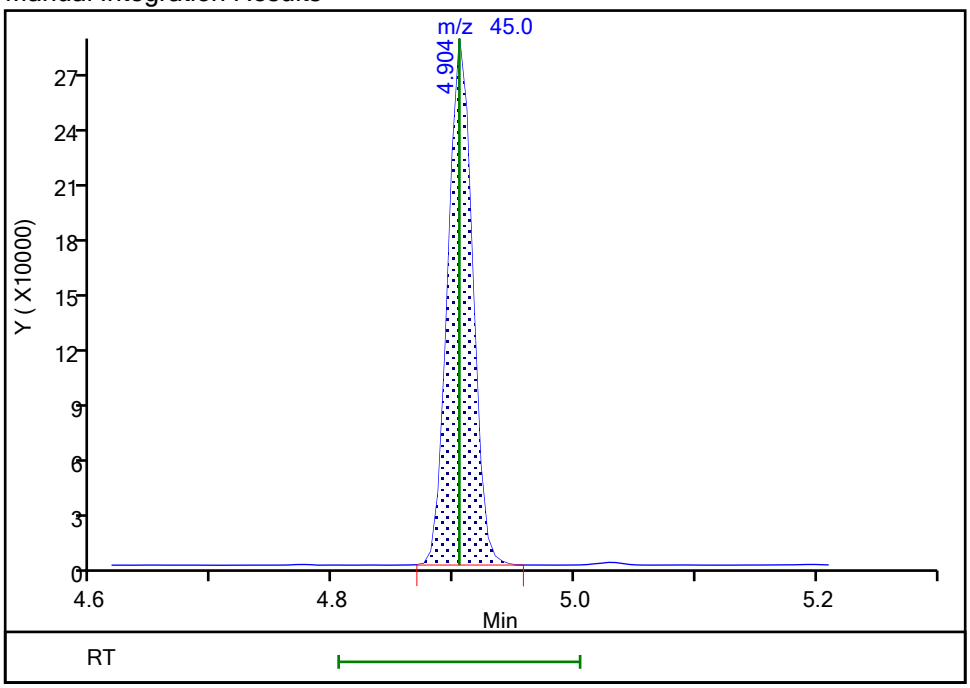
Not Detected
Expected RT: 4.90

Processing Integration Results



Manual Integration Results

RT: 4.90
Area: 406899
Amount: 76.081145
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 14:28:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

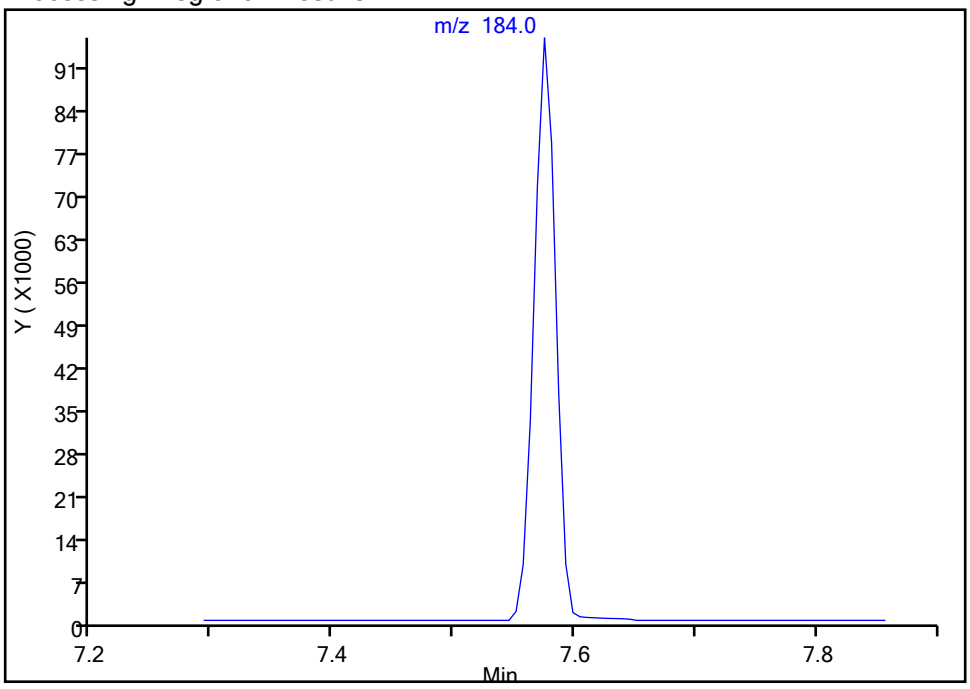
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342535.d				
Injection Date:	04-Apr-2021 13:51:30	Instrument ID:	CBNAMS12		
Lims ID:	STD80				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

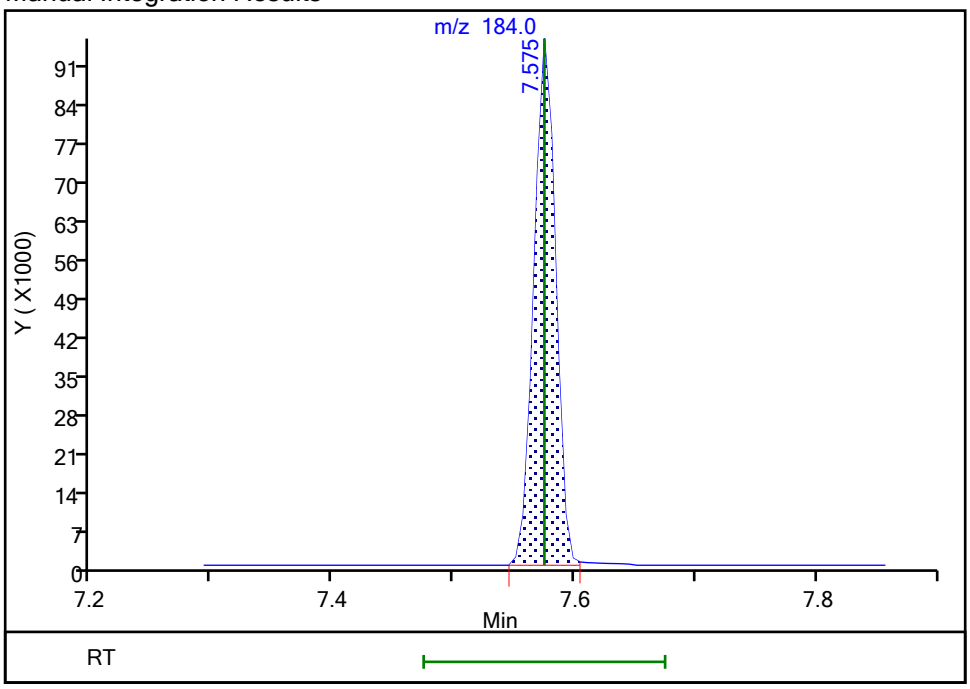
Not Detected
Expected RT: 7.57

Processing Integration Results



Manual Integration Results

RT: 7.57
Area: 118592
Amount: 168.0153
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 14:28:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

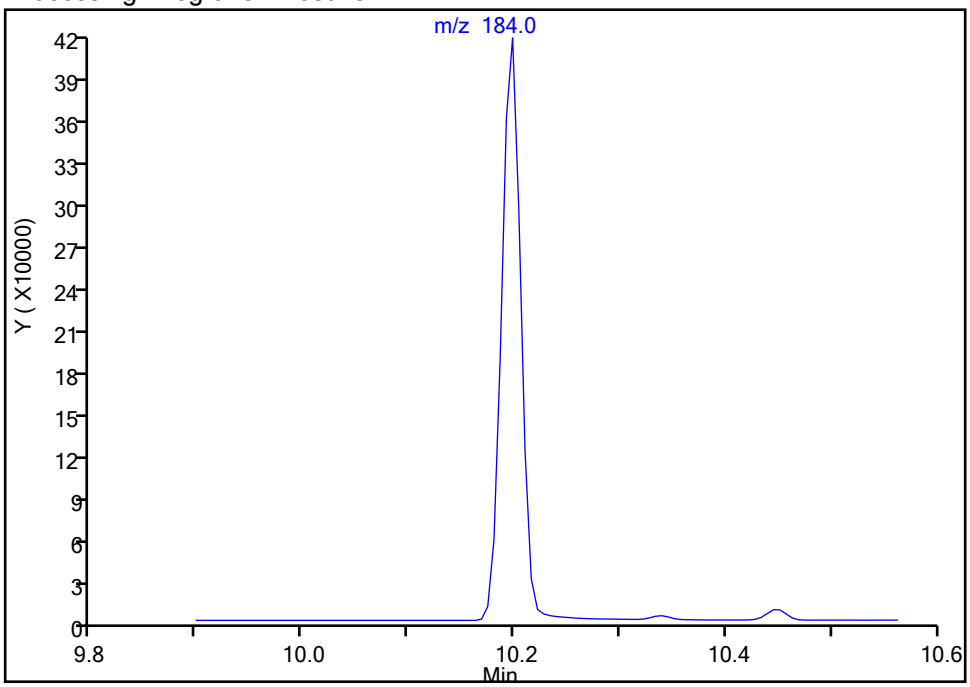
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342535.d				
Injection Date:	04-Apr-2021 13:51:30	Instrument ID:	CBNAMS12		
Lims ID:	STD80				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Benzidine, CAS: 92-87-5

Signal: 1

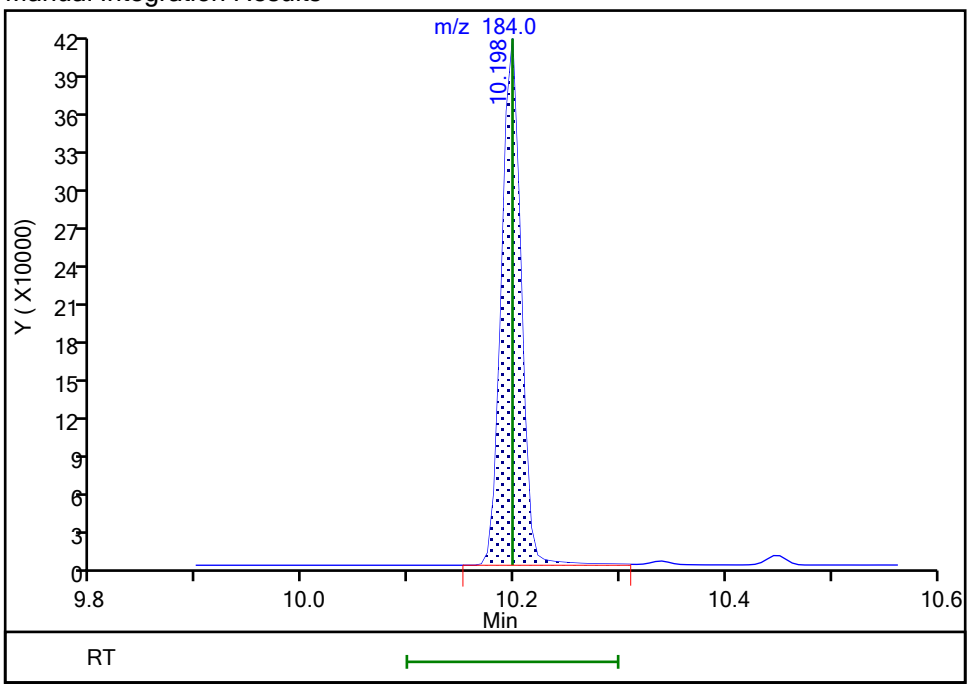
Not Detected
Expected RT: 10.20

Processing Integration Results



Manual Integration Results

RT: 10.20
Area: 533479
Amount: 78.968654
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 14:28:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342536.d
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 04-Apr-2021 14:14:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126499-005
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 05-Apr-2021 08:07:56 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: nimerd Date: 04-Apr-2021 14:45:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.969	1.963	0.006	99	26602	20.0	18.7	
2 N-Nitrosodimethylamine	74	2.204	2.204	0.000	85	38051	20.0	18.9	
3 Pyridine	79	2.246	2.240	0.006	84	140854	40.0	40.3	
$ 4 2-Fluorophenol	112	3.416	3.410	0.006	96	73019	20.0	19.0	
5 Benzaldehyde	77	4.234	4.234	0.000	94	40780	16.0	13.8	
$ 6 Phenol-d5	99	4.287	4.293	-0.005	0	86109	20.0	18.7	
7 Phenol	94	4.298	4.304	-0.006	99	93720	20.0	19.1	
8 Aniline	93	4.334	4.334	0.000	97	113234	20.0	19.4	
9 Bis(2-chloroethyl)ether	93	4.393	4.393	0.001	96	72124	20.0	20.1	
10 2-Chlorophenol	128	4.451	4.451	0.000	97	80217	20.0	19.5	
11 n-Decane	43	4.504	4.504	0.000	94	86968	20.0	20.0	
12 1,3-Dichlorobenzene	146	4.598	4.598	0.000	98	94456	20.0	20.0	
* 13 1,4-Dichlorobenzene-d4	152	4.651	4.651	0.000	94	119839	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.669	4.669	0.000	96	93834	20.0	19.6	
15 Benzyl alcohol	108	4.769	4.775	-0.006	94	48632	20.0	19.7	
16 1,2-Dichlorobenzene	146	4.810	4.810	0.000	97	90102	20.0	20.2	
17 2-Methylphenol	108	4.875	4.881	-0.006	91	66746	20.0	19.5	
18 2,2'-oxybis[1-chloropropane]	45	4.904	4.904	0.000	94	115986	20.0	19.8	
130 N-Methylaniline	106	5.016	5.022	-0.006	93	119063	20.0	19.9	
22 Acetophenone	105	5.022	5.028	-0.006	87	109219	20.0	19.8	
19 4-Methylphenol	108	5.022	5.028	-0.006	78	76610	20.0	19.6	
20 3 & 4 Methylphenol	108	5.022	5.028	-0.006	86	76610	20.0	19.6	
21 N-Nitrosodi-n-propylamine	70	5.022	5.028	-0.006	90	52320	20.0	19.7	
25 Hexachloroethane	117	5.134	5.134	0.000	92	33984	20.0	20.4	
$ 26 Nitrobenzene-d5	82	5.169	5.169	0.000	89	69400	20.0	19.3	
27 Nitrobenzene	123	5.187	5.192	-0.005	92	35059	20.0	20.4	
28 n,n'-Dimethylaniline	120	5.193	5.192	0.000	93	116070	20.0	19.6	
29 Isophorone	82	5.410	5.416	-0.006	99	133760	20.0	19.7	
30 2-Nitrophenol	139	5.487	5.492	-0.005	94	33790	20.0	19.8	
31 2,4-Dimethylphenol	122	5.528	5.534	-0.006	92	68184	20.0	19.8	
32 Bis(2-chloroethoxy)methane	93	5.616	5.622	-0.006	97	86851	20.0	19.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.592	5.634	-0.042	87	37184	20.0	21.2	
34 2,4-Dichlorophenol	162	5.716	5.722	-0.006	96	67331	20.0	20.0	
35 1,2,4-Trichlorobenzene	180	5.798	5.804	-0.006	94	78673	20.0	19.8	
* 36 Naphthalene-d8	136	5.851	5.857	-0.006	99	444573	40.0	40.0	
37 Naphthalene	128	5.875	5.875	0.000	99	223787	20.0	19.9	
38 4-Chloroaniline	127	5.922	5.922	0.000	98	98104	20.0	19.8	
131 2,6-Dichlorophenol	162	5.934	5.934	0.000	98	65127	20.0	19.6	
39 Hexachlorobutadiene	225	6.004	6.004	0.000	97	45650	20.0	20.1	
40 Caprolactam	113	6.228	6.287	-0.058	88	16428	16.0	16.9	
41 4-Chloro-3-methylphenol	107	6.381	6.386	-0.005	95	62148	20.0	19.7	
42 2-Methylnaphthalene	142	6.528	6.534	-0.006	86	159049	20.0	19.6	
43 1-Methylnaphthalene	142	6.622	6.628	-0.006	94	151500	20.0	19.8	
44 Hexachlorocyclopentadiene	237	6.692	6.692	0.000	97	48887	20.0	19.0	
45 1,2,4,5-Tetrachlorobenzene	216	6.692	6.698	-0.006	98	81711	20.0	20.1	
46 2-tertbutyl-4-methylphenol	149	6.716	6.722	-0.006	92	97895	20.0	19.8	
48 2,4,6-Trichlorophenol	196	6.798	6.804	-0.006	92	53511	20.0	21.6	
49 2,4,5-Trichlorophenol	196	6.828	6.834	-0.006	98	55033	20.0	19.4	
$ 50 2-Fluorobiphenyl	172	6.881	6.881	0.000	97	169361	20.0	19.0	
51 1,1'-Biphenyl	154	6.969	6.975	-0.006	95	192655	20.0	20.2	
52 2-Chloronaphthalene	162	6.987	6.992	-0.006	99	149221	20.0	20.3	
53 Phenyl ether	170	7.075	7.075	0.000	87	99618	20.0	20.1	
54 2-Nitroaniline	65	7.081	7.086	-0.005	97	40663	20.0	20.2	
55 1,3-Dimethylnaphthalene	156	7.198	7.204	-0.006	92	111256	20.0	19.5	
58 Dimethyl phthalate	163	7.257	7.269	-0.012	99	170642	20.0	20.1	
59 Coumarin	146	7.275	7.281	-0.006	80	57685	20.0	19.6	
60 2,6-Dinitrotoluene	165	7.310	7.316	-0.006	97	32761	20.0	22.2	
61 Acenaphthylene	152	7.381	7.386	-0.005	98	227532	20.0	20.4	
62 3-Nitroaniline	138	7.469	7.475	-0.006	96	35144	20.0	20.0	
* 63 Acenaphthene-d10	164	7.516	7.522	-0.006	94	239251	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.539	7.545	-0.006	96	126191	20.0	19.9	
65 Acenaphthene	154	7.545	7.551	-0.006	94	149488	20.0	20.1	
66 2,4-Dinitrophenol	184	7.563	7.575	-0.012	94	24163	40.0	41.1	a
67 4-Nitrophenol	65	7.628	7.639	-0.011	90	50803	40.0	41.0	
68 2,4-Dinitrotoluene	165	7.692	7.698	-0.006	96	41476	20.0	20.7	
69 Dibenzofuran	168	7.710	7.716	-0.006	96	211412	20.0	20.1	
70 2,3,4,6-Tetrachlorophenol	232	7.828	7.833	-0.005	96	43338	20.0	20.1	
71 Diethyl phthalate	149	7.928	7.939	-0.011	98	177629	20.0	20.2	
74 Fluorene	166	8.033	8.039	-0.006	93	172149	20.0	20.3	
73 4-Chlorophenyl phenyl ether	204	8.033	8.039	-0.006	79	80063	20.0	19.8	
75 4-Nitroaniline	138	8.045	8.057	-0.012	89	36081	20.0	19.5	
76 4,6-Dinitro-2-methylphenol	198	8.081	8.086	-0.005	89	35867	40.0	40.2	
77 N-Nitrosodiphenylamine	169	8.145	8.151	-0.006	99	121349	20.0	20.4	
78 1,2-Diphenylhydrazine	77	8.181	8.192	-0.011	97	144466	20.0	20.2	
$ 79 2,4,6-Tribromophenol	330	8.263	8.269	-0.006	92	26055	20.0	20.4	
80 4-Bromophenyl phenyl ether	248	8.498	8.504	-0.006	95	51319	20.0	20.0	
81 Hexachlorobenzene	284	8.563	8.569	-0.006	96	59134	20.0	20.3	
82 Atrazine	200	8.651	8.657	-0.006	94	38594	16.0	16.4	
83 Pentachlorophenol	266	8.745	8.751	-0.006	94	68346	40.0	42.0	
84 Pentachloronitrobenzene	237	8.763	8.769	-0.006	90	21768	20.0	19.8	
72 n-Octadecane	57	8.833	8.833	0.000	92	107537	20.0	20.8	
* 85 Phenanthrene-d10	188	8.922	8.928	-0.006	98	435779	40.0	40.0	
86 Phenanthrene	178	8.945	8.951	-0.006	97	253626	20.0	20.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	8.992	8.998	-0.006	99	255973	20.0	19.9	
88 Carbazole	167	9.139	9.145	-0.006	96	230956	20.0	20.1	
89 Di-n-butyl phthalate	149	9.480	9.486	-0.006	99	292262	20.0	20.3	
90 Fluoranthene	202	10.069	10.074	-0.005	98	287042	20.0	20.2	
91 Benzidine	184	10.192	10.198	-0.006	99	130872	20.0	18.1	a
92 Pyrene	202	10.286	10.292	-0.006	98	291770	20.0	20.5	
93 Bisphenol-A	213	10.333	10.339	-0.006	98	105479	20.0	19.9	
$ 94 Terphenyl-d14	244	10.445	10.451	-0.006	100	186398	20.0	19.4	
95 Butyl benzyl phthalate	149	10.963	10.974	-0.011	94	121127	20.0	20.5	
97 Carbamazepine	193	11.074	11.086	-0.012	93	109906	20.0	20.3	
98 3,3'-Dichlorobenzidine	252	11.569	11.580	-0.011	99	98351	20.0	20.2	
99 Benzo[a]anthracene	228	11.592	11.604	-0.012	98	262598	20.0	20.0	
* 100 Chrysene-d12	240	11.610	11.616	-0.006	99	377446	40.0	40.0	
101 Chrysene	228	11.639	11.651	-0.012	99	251655	20.0	20.5	
102 Bis(2-ethylhexyl) phthalate	149	11.663	11.669	-0.005	84	179452	20.0	20.6	
103 Di-n-octyl phthalate	149	12.545	12.557	-0.012	96	310090	20.0	20.4	
104 Benzo[b]fluoranthene	252	13.045	13.063	-0.018	99	267524	20.0	20.6	
105 Benzo[k]fluoranthene	252	13.086	13.098	-0.012	99	286514	20.0	21.6	
106 Benzo[a]pyrene	252	13.515	13.533	-0.018	97	238555	20.0	20.8	
* 107 Perylene-d12	264	13.604	13.615	-0.011	98	439721	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.292	15.315	-0.023	99	259570	20.0	20.7	
109 Dibenz(a,h)anthracene	278	15.339	15.362	-0.023	98	252319	20.0	20.9	
110 Benzo[g,h,i]perylene	276	15.774	15.809	-0.035	99	262995	20.0	19.9	
S 117 Total Cresols	1				0			39.2	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L6_00002 Amount Added: 1.00 Units: mL

Report Date: 05-Apr-2021 08:07:59 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342536.d

Injection Date: 04-Apr-2021 14:14:30 Instrument ID: CBNAMS12 Operator ID:

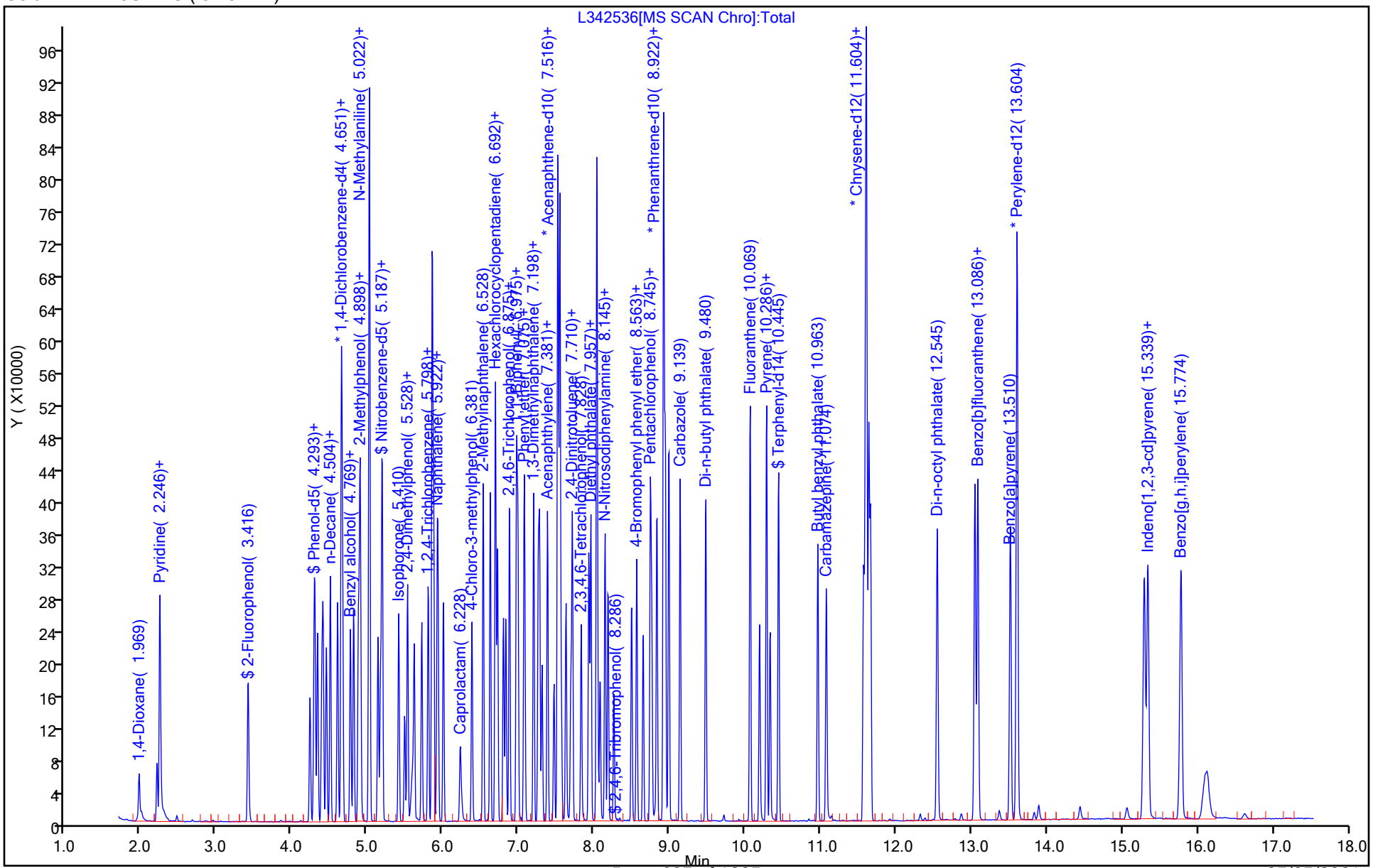
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270_12R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

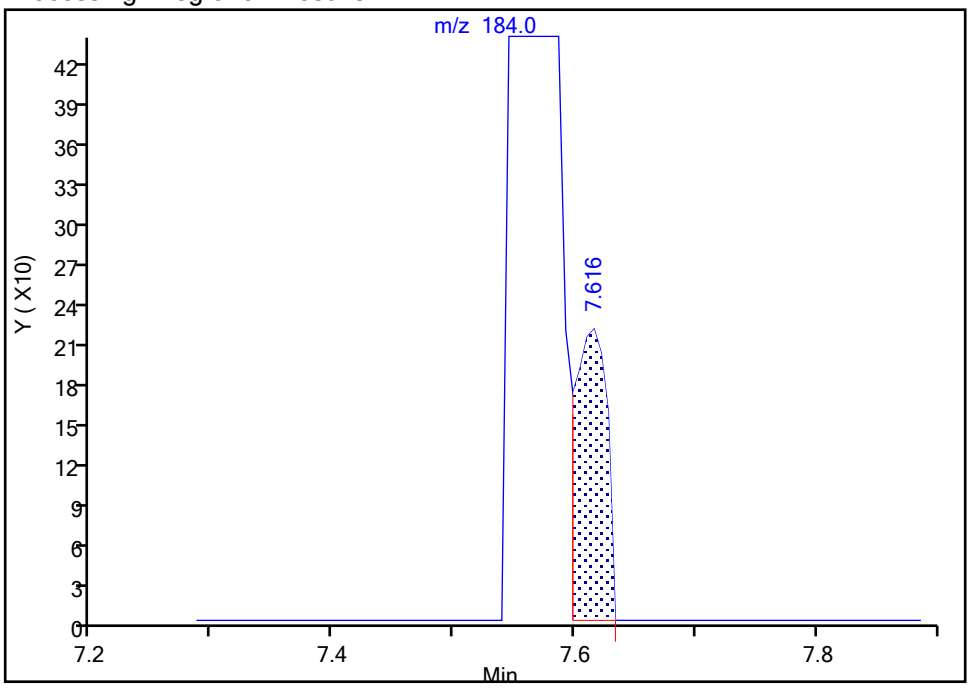
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342536.d
Injection Date: 04-Apr-2021 14:14:30 Instrument ID: CBNAMS12
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

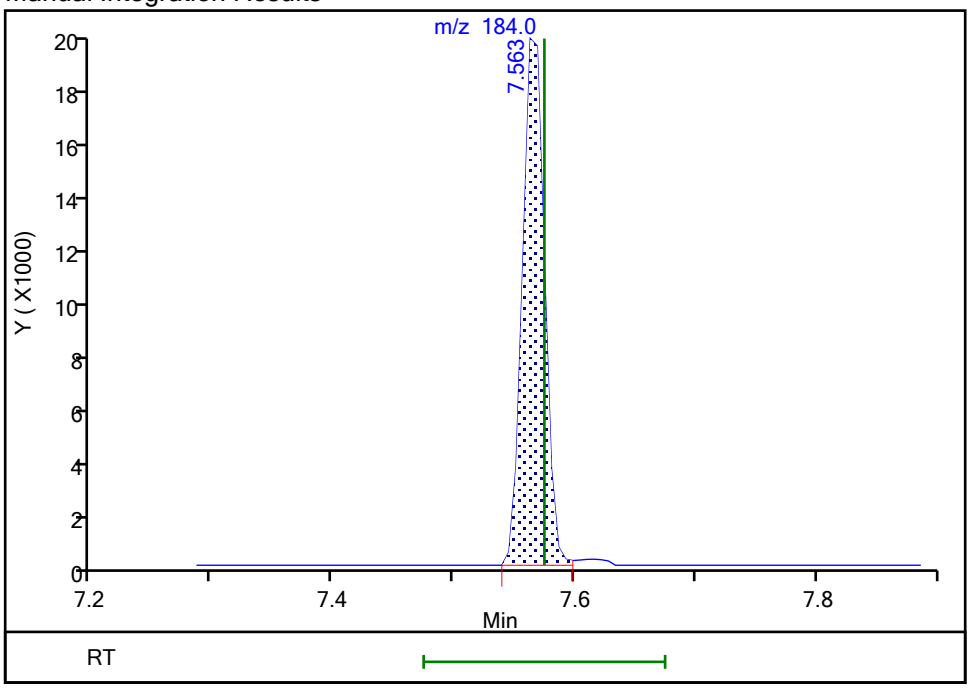
Processing Integration Results

RT: 7.62
Area: 404
Amount: 0.800280
Amount Units: ug/ml



Manual Integration Results

RT: 7.56
Area: 24163
Amount: 41.117967
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 17:26:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

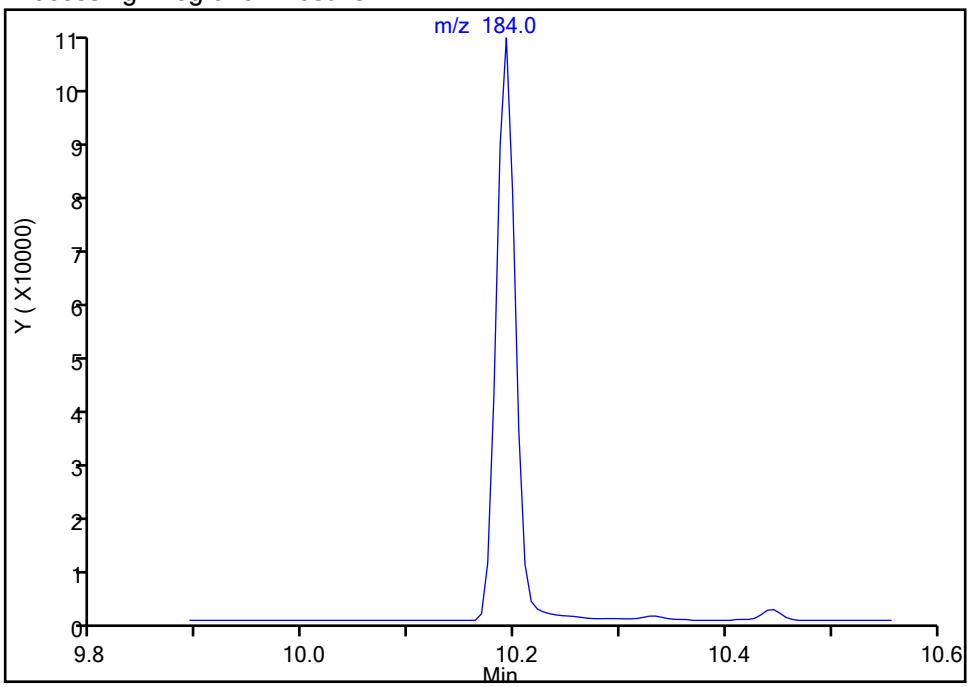
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342536.d				
Injection Date:	04-Apr-2021 14:14:30	Instrument ID:	CBNAMS12		
Lims ID:	STD20				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Benzidine, CAS: 92-87-5

Signal: 1

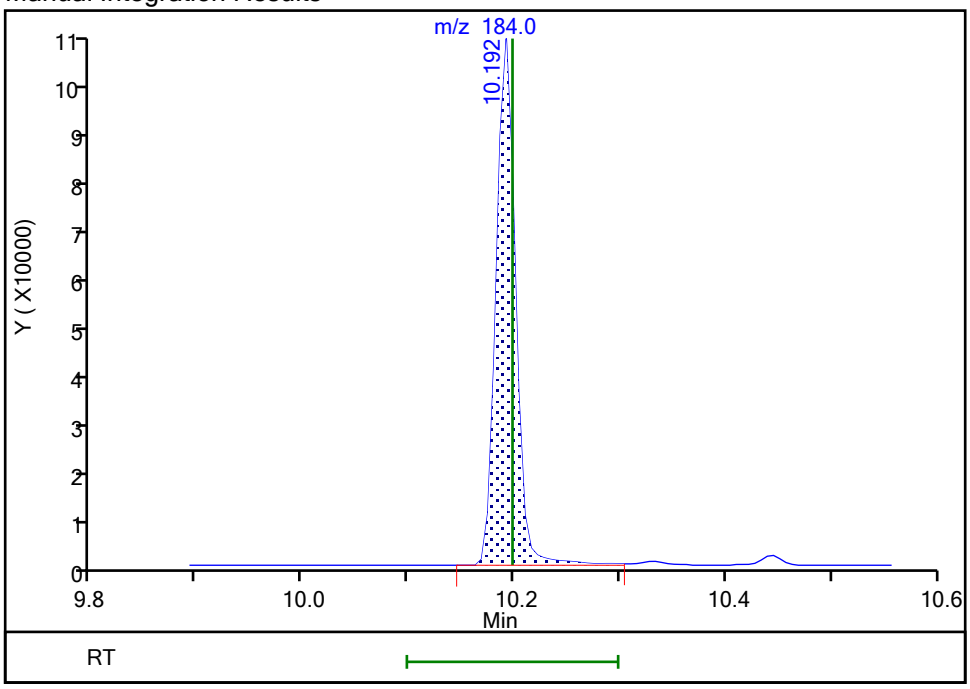
Not Detected
Expected RT: 10.20

Processing Integration Results



Manual Integration Results

RT: 10.19
Area: 130872
Amount: 18.071731
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 14:44:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342537.d
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 04-Apr-2021 14:36:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126499-006
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 05-Apr-2021 08:08:34 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: nimerd Date: 04-Apr-2021 17:14:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.963	1.963	0.000	98	13887	10.0	10.4	M
2 N-Nitrosodimethylamine	74	2.199	2.204	-0.005	85	18718	10.0	10.3	
3 Pyridine	79	2.240	2.240	0.000	84	66019	20.0	21.0	
$ 4 2-Fluorophenol	112	3.410	3.410	0.000	96	33760	10.0	9.78	
5 Benzaldehyde	77	4.228	4.234	-0.006	94	25642	10.0	9.66	
$ 6 Phenol-d5	99	4.281	4.293	-0.011	0	40576	10.0	9.80	
7 Phenol	94	4.298	4.304	-0.006	98	44927	10.0	10.2	
8 Aniline	93	4.334	4.334	0.000	98	54169	10.0	10.3	
9 Bis(2-chloroethyl)ether	93	4.387	4.393	-0.005	94	33727	10.0	10.5	
10 2-Chlorophenol	128	4.445	4.451	-0.006	97	37666	10.0	10.2	
11 n-Decane	43	4.498	4.504	-0.006	93	41096	10.0	10.5	
12 1,3-Dichlorobenzene	146	4.598	4.598	0.000	97	43379	10.0	10.2	
* 13 1,4-Dichlorobenzene-d4	152	4.645	4.651	-0.006	94	107521	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.663	4.669	-0.006	98	44703	10.0	10.4	
15 Benzyl alcohol	108	4.769	4.775	-0.006	93	22396	10.0	10.1	
16 1,2-Dichlorobenzene	146	4.810	4.810	0.000	97	41172	10.0	10.3	
17 2-Methylphenol	108	4.875	4.881	-0.006	91	31602	10.0	10.3	
18 2,2'-oxybis[1-chloropropane]	45	4.904	4.904	0.000	94	54011	10.0	10.3	
130 N-Methylaniline	106	5.016	5.022	-0.006	91	54328	10.0	10.1	
22 Acetophenone	105	5.022	5.028	-0.006	90	52166	10.0	10.5	
19 4-Methylphenol	108	5.016	5.028	-0.012	79	36176	10.0	10.3	
20 3 & 4 Methylphenol	108	5.016	5.028	-0.012	86	36176	10.0	10.3	
21 N-Nitrosodi-n-propylamine	70	5.022	5.028	-0.006	91	24473	10.0	10.3	
25 Hexachloroethane	117	5.134	5.134	0.000	92	16192	10.0	10.9	
$ 26 Nitrobenzene-d5	82	5.163	5.169	-0.006	89	31768	10.0	9.81	
28 n,n'-Dimethylaniline	120	5.192	5.192	0.000	92	52274	10.0	9.84	
27 Nitrobenzene	123	5.181	5.192	-0.011	92	16085	10.0	10.4	
29 Isophorone	82	5.410	5.416	-0.006	99	64063	10.0	10.5	
30 2-Nitrophenol	139	5.487	5.492	-0.005	93	14855	10.0	9.64	
31 2,4-Dimethylphenol	122	5.528	5.534	-0.006	92	31894	10.0	10.2	
32 Bis(2-chloroethoxy)methane	93	5.616	5.622	-0.006	97	41266	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.575	5.634	-0.059	87	14040	10.0	8.86	
34 2,4-Dichlorophenol	162	5.716	5.722	-0.006	95	30731	10.0	10.1	
35 1,2,4-Trichlorobenzene	180	5.798	5.804	-0.006	94	37624	10.0	10.5	
* 36 Naphthalene-d8	136	5.851	5.857	-0.006	99	401313	40.0	40.0	
37 Naphthalene	128	5.875	5.875	0.000	99	105328	10.0	10.4	
38 4-Chloroaniline	127	5.916	5.922	-0.006	98	45824	10.0	10.3	
131 2,6-Dichlorophenol	162	5.928	5.934	-0.006	98	30920	10.0	10.3	
39 Hexachlorobutadiene	225	6.004	6.004	0.000	96	20725	10.0	10.1	
40 Caprolactam	113	6.216	6.287	-0.070	88	8911	10.0	10.2	
41 4-Chloro-3-methylphenol	107	6.381	6.386	-0.005	95	28707	10.0	10.1	
42 2-Methylnaphthalene	142	6.528	6.534	-0.006	86	76554	10.0	10.4	
43 1-Methylnaphthalene	142	6.622	6.628	-0.006	93	71513	10.0	10.3	
44 Hexachlorocyclopentadiene	237	6.692	6.692	0.000	97	21858	10.0	9.25	
45 1,2,4,5-Tetrachlorobenzene	216	6.692	6.698	-0.006	98	38857	10.0	10.4	
46 2-tertbutyl-4-methylphenol	149	6.716	6.722	-0.006	92	44654	10.0	9.99	
48 2,4,6-Trichlorophenol	196	6.798	6.804	-0.006	92	22350	10.0	9.79	
49 2,4,5-Trichlorophenol	196	6.828	6.834	-0.006	97	26904	10.0	10.3	
$ 50 2-Fluorobiphenyl	172	6.875	6.881	-0.006	98	79633	10.0	9.70	
51 1,1'-Biphenyl	154	6.969	6.975	-0.006	95	91583	10.0	10.4	
52 2-Chloronaphthalene	162	6.986	6.992	-0.006	99	70201	10.0	10.4	
53 Phenyl ether	170	7.069	7.075	-0.006	87	45333	10.0	9.92	
54 2-Nitroaniline	65	7.081	7.086	-0.005	98	18371	10.0	9.95	
55 1,3-Dimethylnaphthalene	156	7.198	7.204	-0.006	94	53010	10.0	10.1	
58 Dimethyl phthalate	163	7.257	7.269	-0.012	99	82235	10.0	10.5	
59 Coumarin	146	7.275	7.281	-0.006	81	27560	10.0	10.4	
60 2,6-Dinitrotoluene	165	7.310	7.316	-0.006	96	13987	10.0	10.3	
61 Acenaphthylene	152	7.381	7.386	-0.005	98	106900	10.0	10.4	
62 3-Nitroaniline	138	7.469	7.475	-0.006	96	15565	10.0	9.62	
* 63 Acenaphthene-d10	164	7.516	7.522	-0.006	95	219971	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.539	7.545	-0.006	97	58252	10.0	9.98	
65 Acenaphthene	154	7.545	7.551	-0.006	95	71833	10.0	10.5	
66 2,4-Dinitrophenol	184	7.563	7.575	-0.012	92	9477	20.0	19.4	a
67 4-Nitrophenol	65	7.622	7.639	-0.017	91	22535	20.0	19.8	
68 2,4-Dinitrotoluene	165	7.686	7.698	-0.012	97	18260	10.0	10.3	
69 Dibenzofuran	168	7.710	7.716	-0.006	96	100508	10.0	10.4	
70 2,3,4,6-Tetrachlorophenol	232	7.828	7.833	-0.005	95	19547	10.0	9.87	
71 Diethyl phthalate	149	7.928	7.939	-0.011	98	86347	10.0	10.7	
74 Fluorene	166	8.033	8.039	-0.006	94	80777	10.0	10.4	
73 4-Chlorophenyl phenyl ether	204	8.033	8.039	-0.006	76	38528	10.0	10.4	
75 4-Nitroaniline	138	8.039	8.057	-0.018	90	16787	10.0	9.88	
76 4,6-Dinitro-2-methylphenol	198	8.075	8.086	-0.011	88	14432	20.0	19.1	
77 N-Nitrosodiphenylamine	169	8.139	8.151	-0.012	99	57221	10.0	10.3	
78 1,2-Diphenylhydrazine	77	8.180	8.192	-0.012	97	68674	10.0	10.3	
$ 79 2,4,6-Tribromophenol	330	8.263	8.269	-0.006	92	11505	10.0	9.82	
80 4-Bromophenyl phenyl ether	248	8.498	8.504	-0.006	94	24270	10.0	10.1	
81 Hexachlorobenzene	284	8.563	8.569	-0.006	96	28785	10.0	10.6	
82 Atrazine	200	8.645	8.657	-0.012	93	21872	10.0	9.97	
83 Pentachlorophenol	266	8.745	8.751	-0.006	93	30509	20.0	20.1	
84 Pentachloronitrobenzene	237	8.763	8.769	-0.006	90	9397	10.0	9.17	
72 n-Octadecane	57	8.828	8.833	-0.005	92	50249	10.0	10.4	
* 85 Phenanthrene-d10	188	8.922	8.928	-0.006	98	407093	40.0	40.0	
86 Phenanthrene	178	8.939	8.951	-0.012	96	120664	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	8.986	8.998	-0.012	99	123580	10.0	10.3	
88 Carbazole	167	9.139	9.145	-0.006	95	113420	10.0	10.6	
89 Di-n-butyl phthalate	149	9.480	9.486	-0.006	99	141610	10.0	10.5	
90 Fluoranthene	202	10.069	10.074	-0.005	98	138337	10.0	10.4	
91 Benzidine	184	10.192	10.198	-0.006	99	63265	10.0	9.35	a
92 Pyrene	202	10.280	10.292	-0.012	98	139897	10.0	10.4	
93 Bisphenol-A	213	10.327	10.339	-0.012	98	46032	10.0	9.24	
$ 94 Terphenyl-d14	244	10.439	10.451	-0.012	100	87641	10.0	9.71	
95 Butyl benzyl phthalate	149	10.963	10.974	-0.011	95	56994	10.0	10.3	
97 Carbamazepine	193	11.074	11.086	-0.012	93	50248	10.0	9.90	
98 3,3'-Dichlorobenzidine	252	11.569	11.580	-0.012	99	46519	10.0	10.2	
99 Benzo[a]anthracene	228	11.592	11.604	-0.012	98	128125	10.0	10.4	
* 100 Chrysene-d12	240	11.604	11.616	-0.012	99	354461	40.0	40.0	
101 Chrysene	228	11.633	11.651	-0.018	99	119721	10.0	10.4	
102 Bis(2-ethylhexyl) phthalate	149	11.663	11.669	-0.005	85	85693	10.0	10.5	
103 Di-n-octyl phthalate	149	12.545	12.557	-0.012	96	149985	10.0	10.2	
104 Benzo[b]fluoranthene	252	13.039	13.063	-0.024	98	137018	10.0	10.9	
105 Benzo[k]fluoranthene	252	13.080	13.098	-0.018	99	137935	10.0	10.8	
106 Benzo[a]pyrene	252	13.515	13.533	-0.018	97	116840	10.0	10.5	
* 107 Perylene-d12	264	13.604	13.615	-0.011	98	424982	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.286	15.315	-0.029	99	129476	10.0	10.7	
109 Dibenz(a,h)anthracene	278	15.333	15.362	-0.029	97	125588	10.0	10.8	
110 Benzo[g,h,i]perylene	276	15.768	15.809	-0.041	98	130433	10.0	10.2	
S 117 Total Cresols	1				0			20.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L5_00002 Amount Added: 1.00 Units: mL

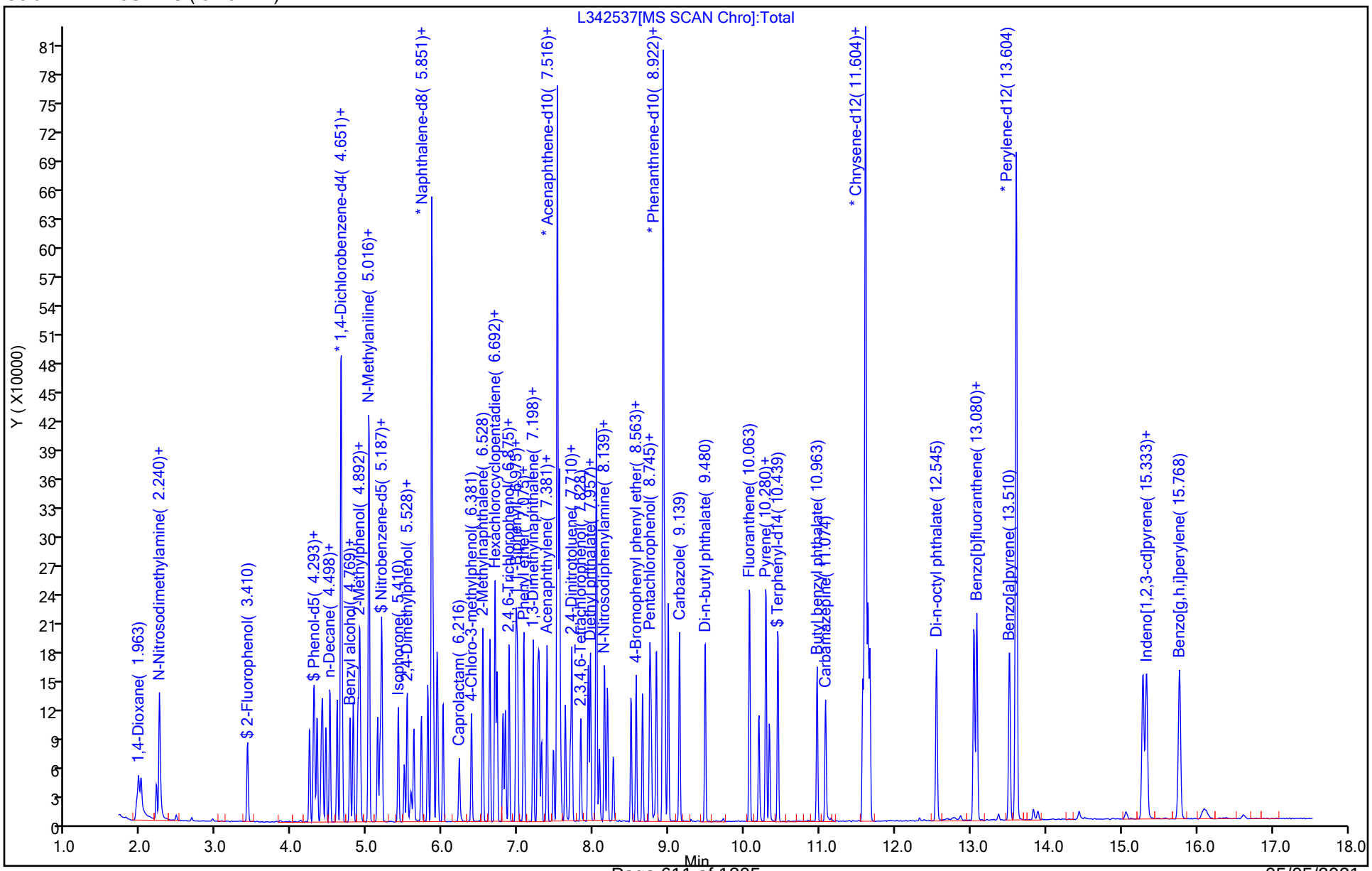
Report Date: 05-Apr-2021 08:08:36 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342537.d

Injection Date:	04-Apr-2021 14:36:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

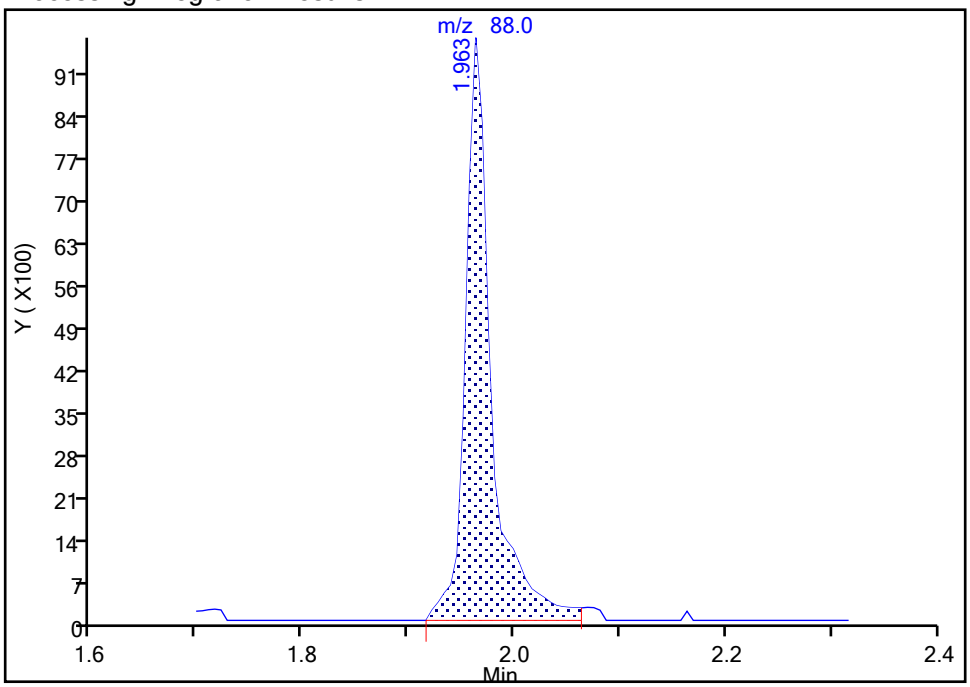
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342537.d
Injection Date: 04-Apr-2021 14:36:30 Instrument ID: CBNAMS12
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

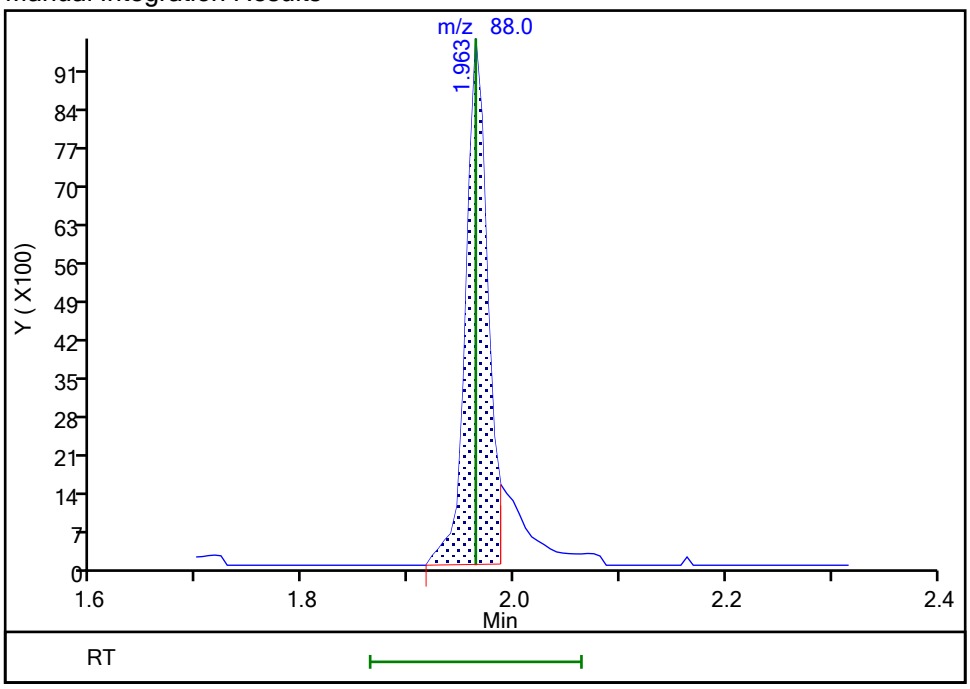
Processing Integration Results

RT: 1.96
Area: 16349
Amount: 11.653976
Amount Units: ug/ml



Manual Integration Results

RT: 1.96
Area: 13887
Amount: 10.425916
Amount Units: ug/ml



Reviewer: johnstonm1, 05-Apr-2021 07:39:31
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

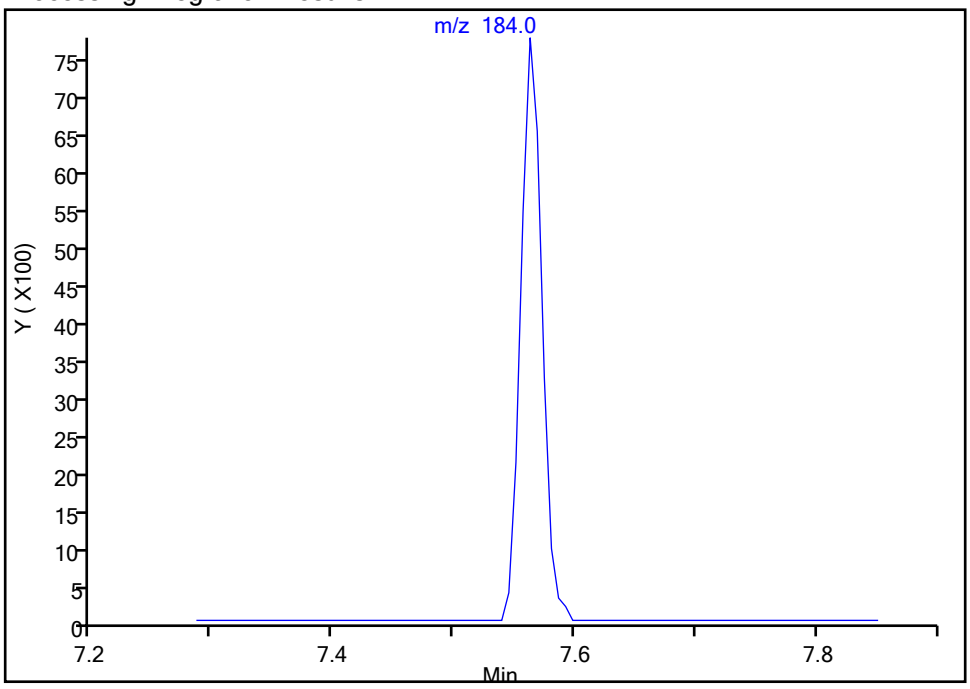
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342537.d
Injection Date: 04-Apr-2021 14:36:30 Instrument ID: CBNAMS12
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

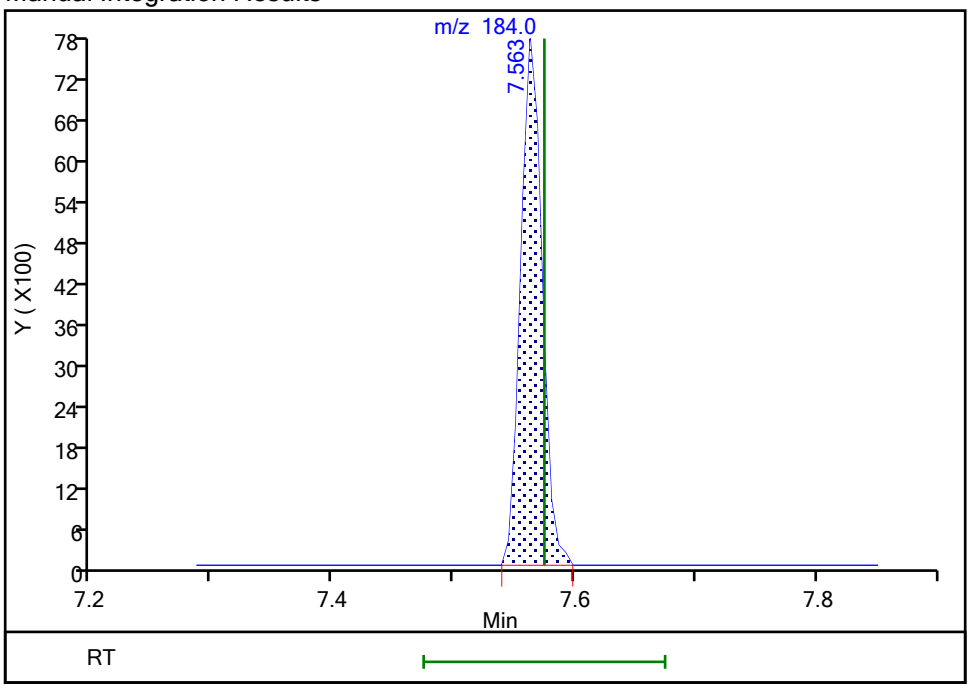
Not Detected
Expected RT: 7.57

Processing Integration Results



Manual Integration Results

RT: 7.56
Area: 9477
Amount: 19.397130
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 17:14:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

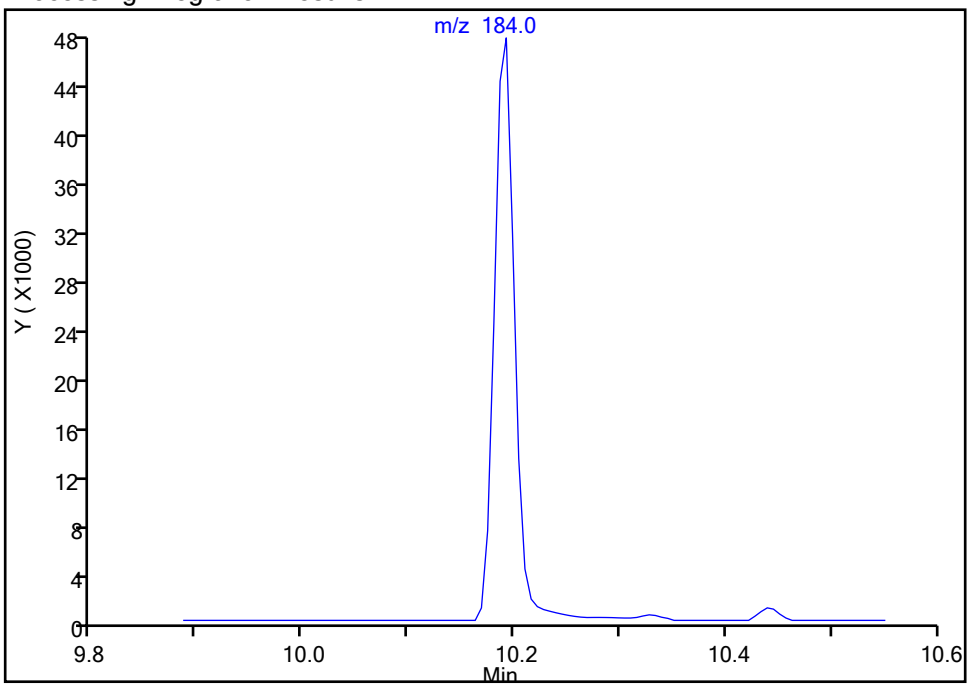
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342537.d
Injection Date: 04-Apr-2021 14:36:30 Instrument ID: CBNAMS12
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

91 Benzidine, CAS: 92-87-5

Signal: 1

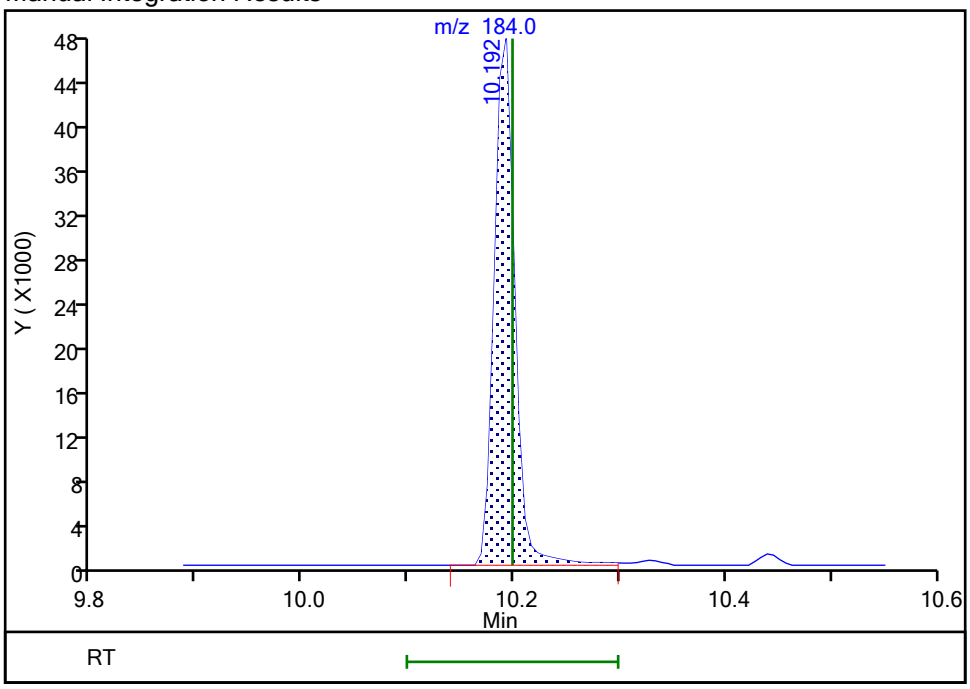
Not Detected
Expected RT: 10.20

Processing Integration Results



Manual Integration Results

RT: 10.19
Area: 63265
Amount: 9.351671
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 17:14:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342538.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 04-Apr-2021 14:59:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126499-007
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 05-Apr-2021 08:08:44 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: nimerd Date: 04-Apr-2021 17:15:18

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.969	1.963	0.006	99	8026	5.00	5.85	M
	2 N-Nitrosodimethylamine	74	2.205	2.204	0.001	87	9051	5.00	5.18	
	3 Pyridine	79	2.246	2.240	0.006	84	31168	10.0	10.3	
$	4 2-Fluorophenol	112	3.410	3.410	0.000	96	16195	5.00	4.85	
	5 Benzaldehyde	77	4.234	4.234	0.000	93	13900	5.00	5.42	
$	6 Phenol-d5	99	4.287	4.293	-0.005	0	19159	5.00	4.79	
	7 Phenol	94	4.299	4.304	-0.005	98	21036	5.00	4.94	
	8 Aniline	93	4.334	4.334	0.000	99	26243	5.00	5.18	
	9 Bis(2-chloroethyl)ether	93	4.387	4.393	-0.005	92	15759	5.00	5.07	
	10 2-Chlorophenol	128	4.452	4.451	0.001	97	18120	5.00	5.07	
	11 n-Decane	43	4.505	4.504	0.000	93	19229	5.00	5.10	
	12 1,3-Dichlorobenzene	146	4.599	4.598	0.001	96	21078	5.00	5.15	
*	13 1,4-Dichlorobenzene-d4	152	4.652	4.651	0.001	95	103929	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.663	4.669	-0.006	95	21701	5.00	5.24	
	15 Benzyl alcohol	108	4.769	4.775	-0.006	94	10818	5.00	5.05	
	16 1,2-Dichlorobenzene	146	4.810	4.810	0.000	98	19944	5.00	5.15	
	17 2-Methylphenol	108	4.875	4.881	-0.006	90	15078	5.00	5.09	
	18 2,2'-oxybis[1-chloropropane]	45	4.904	4.904	0.000	93	26944	5.00	5.31	
	130 N-Methylaniline	106	5.016	5.022	-0.006	92	25672	5.00	4.96	
	22 Acetophenone	105	5.022	5.028	-0.006	93	25487	5.00	5.33	
	19 4-Methylphenol	108	5.016	5.028	-0.012	86	17509	5.00	5.17	
	20 3 & 4 Methylphenol	108	5.016	5.028	-0.012	88	17509	5.00	5.17	
	21 N-Nitrosodi-n-propylamine	70	5.022	5.028	-0.006	89	12085	5.00	5.26	
	25 Hexachloroethane	117	5.134	5.134	0.000	91	7629	5.00	5.29	
$	26 Nitrobenzene-d5	82	5.163	5.169	-0.006	88	15258	5.00	4.74	
	27 Nitrobenzene	123	5.187	5.192	-0.005	93	7739	5.00	5.19	
	28 n,n'-Dimethylaniline	120	5.193	5.192	0.001	92	25900	5.00	5.04	
	29 Isophorone	82	5.410	5.416	-0.006	99	31185	5.00	5.13	
	30 2-Nitrophenol	139	5.487	5.492	-0.005	94	6714	5.00	4.38	
	31 2,4-Dimethylphenol	122	5.528	5.534	-0.006	91	15260	5.00	4.93	
	32 Bis(2-chloroethoxy)methane	93	5.616	5.622	-0.006	98	20404	5.00	5.19	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.563	5.634	-0.071	88	5192	5.00	3.30	
34 2,4-Dichlorophenol	162	5.716	5.722	-0.006	96	14827	5.00	4.90	
35 1,2,4-Trichlorobenzene	180	5.799	5.804	-0.005	94	18189	5.00	5.10	
* 36 Naphthalene-d8	136	5.851	5.857	-0.006	99	398838	40.0	40.0	
37 Naphthalene	128	5.875	5.875	0.000	99	52000	5.00	5.16	
38 4-Chloroaniline	127	5.916	5.922	-0.006	97	22679	5.00	5.11	
131 2,6-Dichlorophenol	162	5.928	5.934	-0.006	98	14968	5.00	5.03	
39 Hexachlorobutadiene	225	6.004	6.004	0.000	97	10764	5.00	5.29	
40 Caprolactam	113	6.210	6.287	-0.076	88	4567	5.00	5.24	
41 4-Chloro-3-methylphenol	107	6.381	6.386	-0.005	94	13826	5.00	4.89	
42 2-Methylnaphthalene	142	6.528	6.534	-0.006	88	37223	5.00	5.10	
43 1-Methylnaphthalene	142	6.622	6.628	-0.006	93	35481	5.00	5.16	
44 Hexachlorocyclopentadiene	237	6.693	6.692	0.001	97	11910	5.00	4.99	
45 1,2,4,5-Tetrachlorobenzene	216	6.693	6.698	-0.005	98	18764	5.00	4.96	
46 2-tertbutyl-4-methylphenol	149	6.716	6.722	-0.006	92	22258	5.00	5.01	
48 2,4,6-Trichlorophenol	196	6.798	6.804	-0.006	90	10730	5.00	4.66	
49 2,4,5-Trichlorophenol	196	6.828	6.834	-0.006	98	12829	5.00	4.87	
$ 50 2-Fluorobiphenyl	172	6.875	6.881	-0.006	98	41974	5.00	5.06	
51 1,1'-Biphenyl	154	6.969	6.975	-0.006	95	45615	5.00	5.14	
52 2-Chloronaphthalene	162	6.987	6.992	-0.005	99	35101	5.00	5.14	
53 Phenyl ether	170	7.069	7.075	-0.006	87	22737	5.00	4.93	
54 2-Nitroaniline	65	7.075	7.086	-0.011	97	8191	5.00	4.39	
55 1,3-Dimethylnaphthalene	156	7.198	7.204	-0.006	93	26142	5.00	4.94	
58 Dimethyl phthalate	163	7.257	7.269	-0.012	98	40566	5.00	5.15	
59 Coumarin	146	7.275	7.281	-0.006	81	13563	5.00	5.13	
60 2,6-Dinitrotoluene	165	7.310	7.316	-0.006	96	6378	5.00	4.65	
61 Acenaphthylene	152	7.381	7.386	-0.005	98	53795	5.00	5.20	
62 3-Nitroaniline	138	7.463	7.475	-0.012	96	7375	5.00	4.52	
* 63 Acenaphthene-d10	164	7.516	7.522	-0.006	95	222034	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.540	7.545	-0.005	97	29129	5.00	4.94	
65 Acenaphthene	154	7.545	7.551	-0.006	95	34751	5.00	5.03	
66 2,4-Dinitrophenol	184	7.563	7.575	-0.012	95	3923	10.0	9.28	a
67 4-Nitrophenol	65	7.622	7.639	-0.017	90	9614	10.0	8.36	
68 2,4-Dinitrotoluene	165	7.687	7.698	-0.011	96	7964	5.00	4.75	
69 Dibenzofuran	168	7.710	7.716	-0.006	96	50825	5.00	5.20	
70 2,3,4,6-Tetrachlorophenol	232	7.828	7.833	-0.005	94	8982	5.00	4.49	
71 Diethyl phthalate	149	7.928	7.939	-0.011	98	41026	5.00	5.02	
74 Fluorene	166	8.034	8.039	-0.005	95	40619	5.00	5.16	
73 4-Chlorophenyl phenyl ether	204	8.034	8.039	-0.005	76	18875	5.00	5.03	
75 4-Nitroaniline	138	8.040	8.057	-0.017	92	7732	5.00	4.51	
76 4,6-Dinitro-2-methylphenol	198	8.075	8.086	-0.011	87	5778	10.0	9.20	
77 N-Nitrosodiphenylamine	169	8.140	8.151	-0.011	99	29026	5.00	5.18	
78 1,2-Diphenylhydrazine	77	8.181	8.192	-0.011	97	35460	5.00	5.28	
$ 79 2,4,6-Tribromophenol	330	8.263	8.269	-0.006	92	5657	5.00	4.78	
80 4-Bromophenyl phenyl ether	248	8.498	8.504	-0.006	93	12249	5.00	5.07	
81 Hexachlorobenzene	284	8.563	8.569	-0.006	96	14199	5.00	5.18	
82 Atrazine	200	8.645	8.657	-0.012	93	10748	5.00	4.87	
83 Pentachlorophenol	266	8.745	8.751	-0.006	94	13641	10.0	8.91	
84 Pentachloronitrobenzene	237	8.763	8.769	-0.006	89	4409	5.00	4.27	
72 n-Octadecane	57	8.828	8.833	-0.005	92	24736	5.00	5.08	
* 85 Phenanthrene-d10	188	8.922	8.928	-0.006	98	409878	40.0	40.0	
86 Phenanthrene	178	8.940	8.951	-0.011	97	61506	5.00	5.23	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	8.987	8.998	-0.011	99	63466	5.00	5.26	
88 Carbazole	167	9.139	9.145	-0.006	96	55283	5.00	5.13	
89 Di-n-butyl phthalate	149	9.475	9.486	-0.011	99	68864	5.00	5.08	
90 Fluoranthene	202	10.063	10.074	-0.011	98	67256	5.00	5.02	
91 Benzidine	184	10.192	10.198	-0.006	99	37959	5.00	5.57	a
92 Pyrene	202	10.281	10.292	-0.011	98	69323	5.00	5.13	
93 Bisphenol-A	213	10.328	10.339	-0.011	98	19781	5.00	3.94	
$ 94 Terphenyl-d14	244	10.439	10.451	-0.012	100	45615	5.00	5.01	
95 Butyl benzyl phthalate	149	10.963	10.974	-0.011	95	26104	5.00	4.67	
97 Carbamazepine	193	11.075	11.086	-0.011	93	22045	5.00	4.30	
98 3,3'-Dichlorobenzidine	252	11.569	11.580	-0.011	98	22237	5.00	4.82	
99 Benzo[a]anthracene	228	11.592	11.604	-0.012	98	63876	5.00	5.13	
* 100 Chrysene-d12	240	11.604	11.616	-0.012	99	357547	40.0	40.0	
101 Chrysene	228	11.633	11.651	-0.018	99	59879	5.00	5.14	
102 Bis(2-ethylhexyl) phthalate	149	11.663	11.669	-0.005	87	40922	5.00	4.95	
103 Di-n-octyl phthalate	149	12.545	12.557	-0.012	96	69696	5.00	4.63	
104 Benzo[b]fluoranthene	252	13.039	13.063	-0.024	98	66300	5.00	5.14	
105 Benzo[k]fluoranthene	252	13.080	13.098	-0.018	99	64591	5.00	4.91	
106 Benzo[a]pyrene	252	13.510	13.533	-0.023	98	56709	5.00	4.99	
* 107 Perylene-d12	264	13.604	13.615	-0.011	98	436185	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.280	15.315	-0.035	99	61020	5.00	4.92	
109 Dibenz(a,h)anthracene	278	15.333	15.362	-0.029	97	60499	5.00	5.06	
110 Benzo[g,h,i]perylene	276	15.763	15.809	-0.046	97	62579	5.00	4.78	
S 117 Total Cresols	1				0			10.3	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L4_00002 Amount Added: 1.00 Units: mL

Report Date: 05-Apr-2021 08:08:46 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342538.d

Injection Date: 04-Apr-2021 14:59:30 Instrument ID: CBNAMS12 Operator ID:

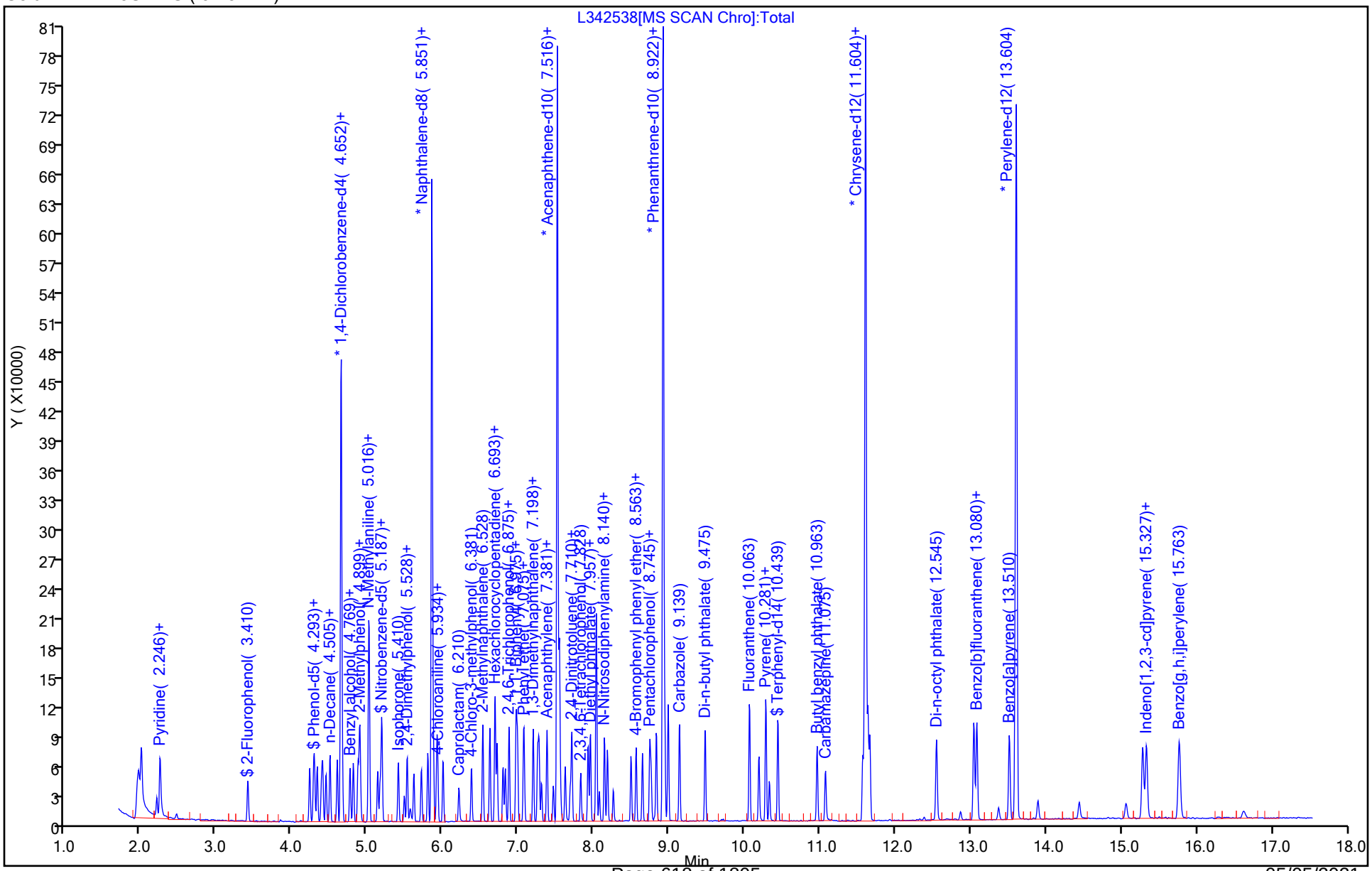
Lims ID: STD5 Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270_12R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

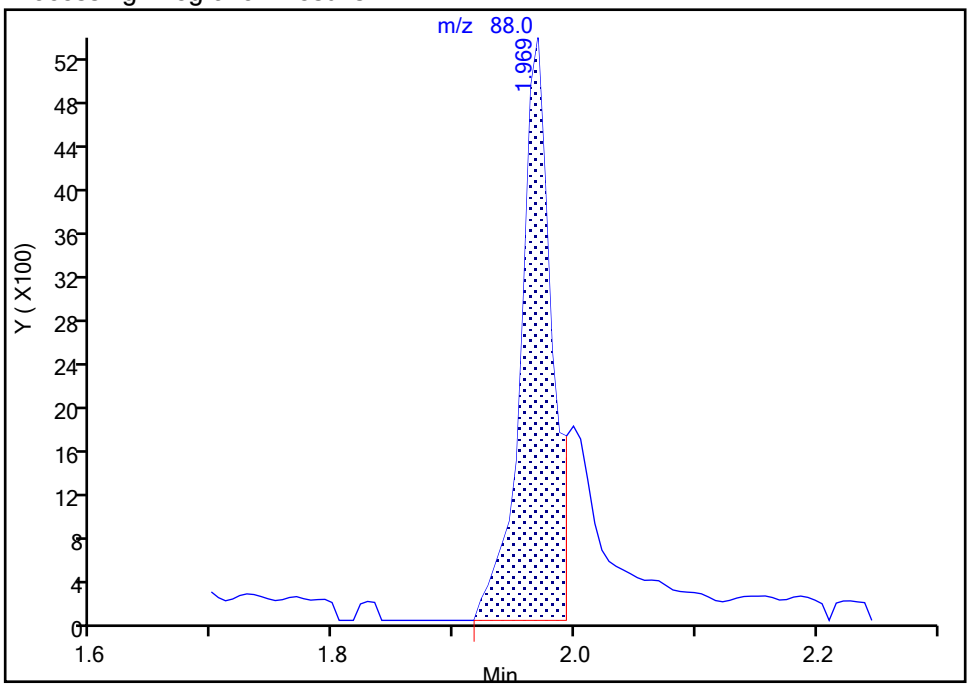
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342538.d
Injection Date: 04-Apr-2021 14:59:30 Instrument ID: CBNAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

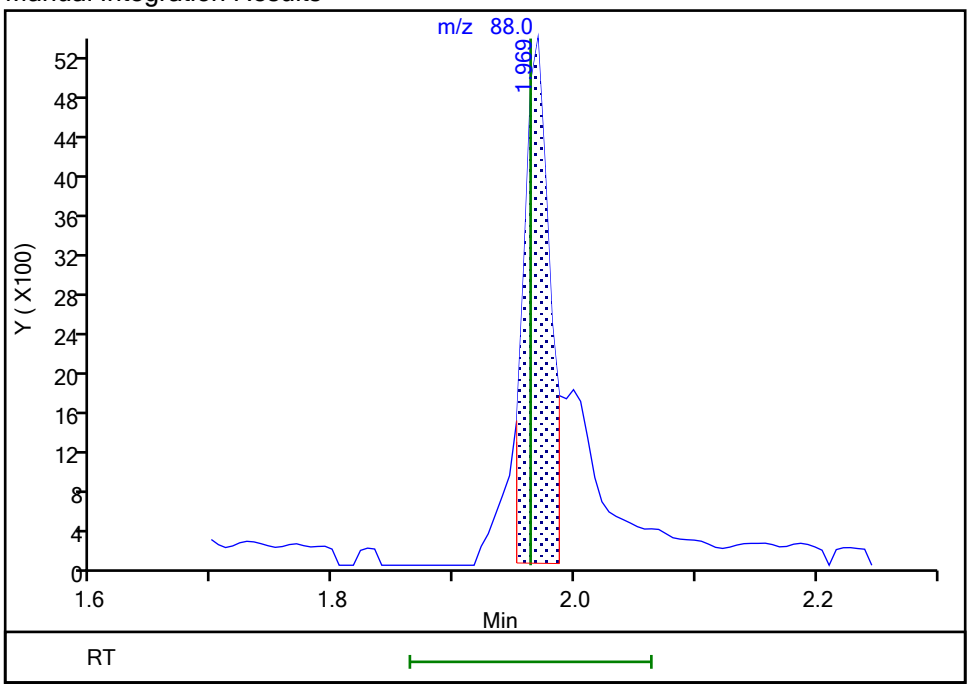
Processing Integration Results

RT: 1.97
Area: 9596
Amount: 6.250575
Amount Units: ug/ml



Manual Integration Results

RT: 1.97
Area: 8026
Amount: 5.848366
Amount Units: ug/ml



Reviewer: johnstonm1, 05-Apr-2021 07:45:34
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

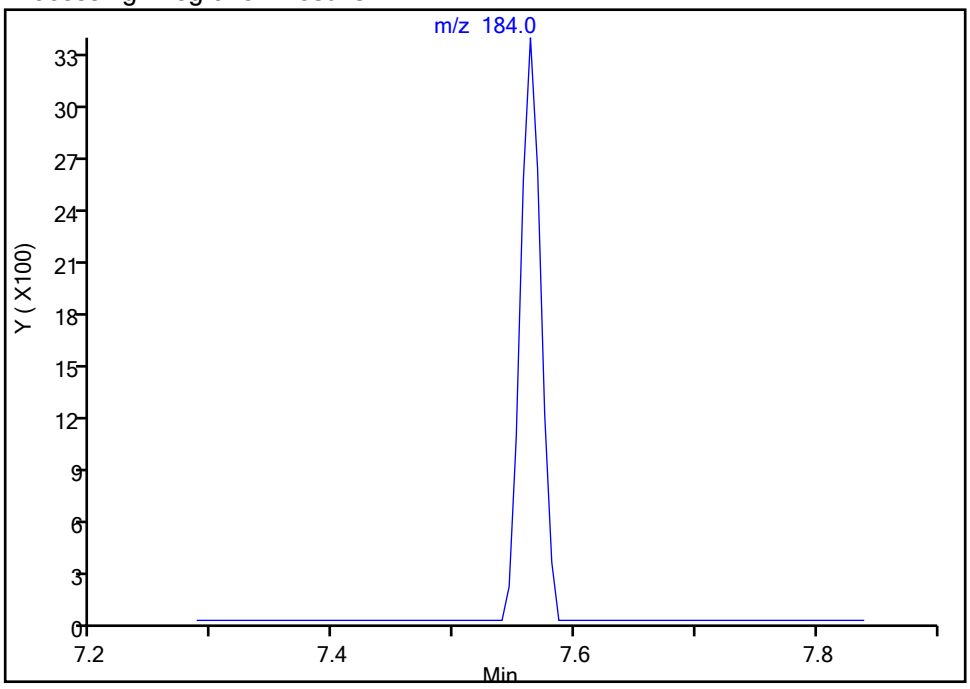
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342538.d
Injection Date: 04-Apr-2021 14:59:30 Instrument ID: CBNAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

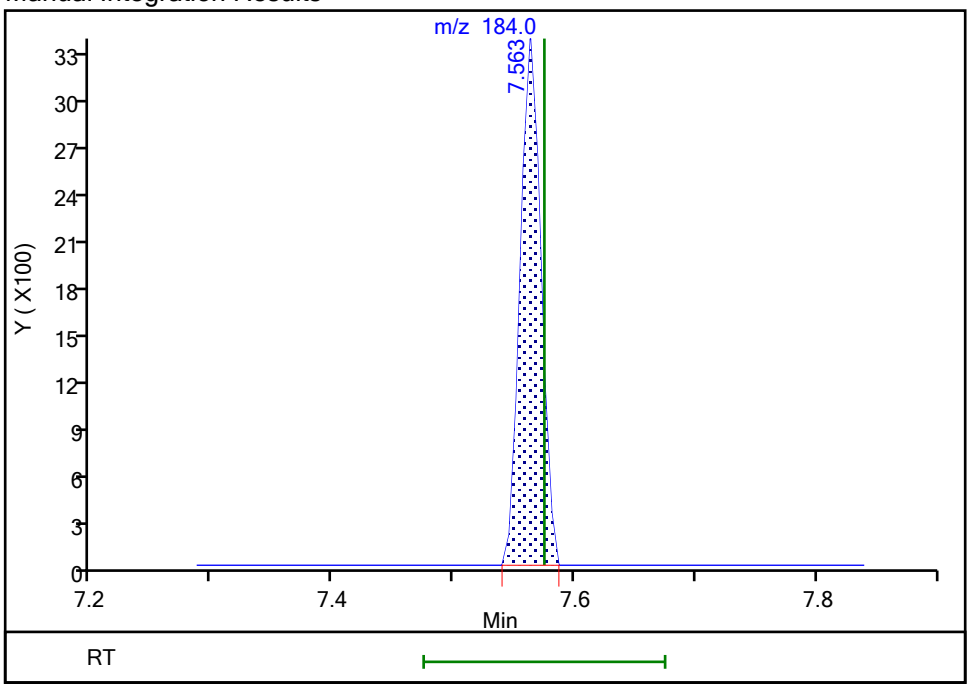
Not Detected
Expected RT: 7.57

Processing Integration Results



Manual Integration Results

RT: 7.56
Area: 3923
Amount: 9.283410
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 17:15:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

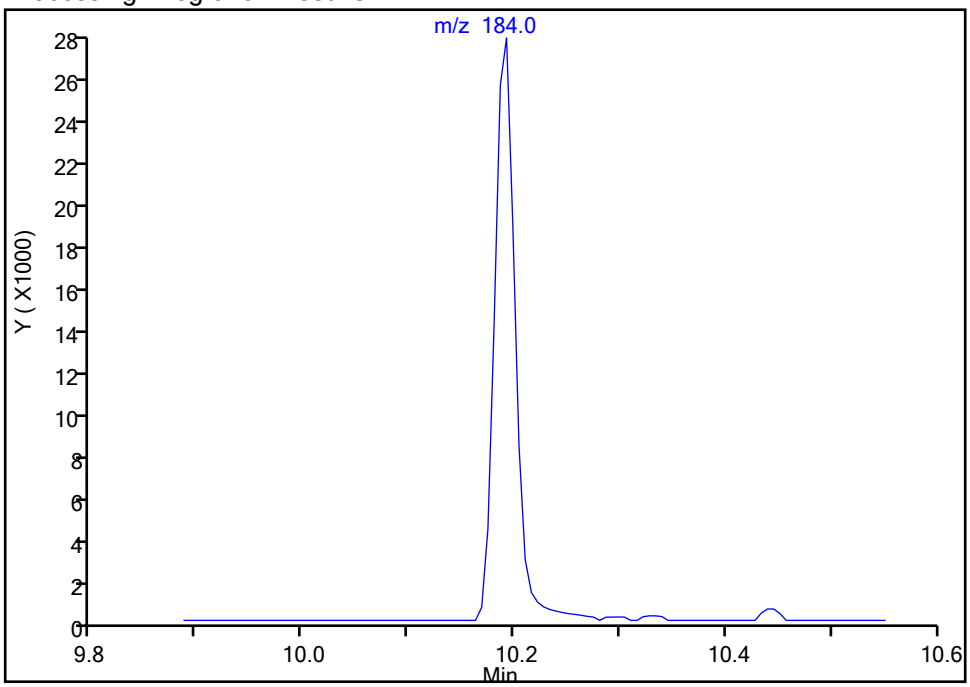
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342538.d
Injection Date: 04-Apr-2021 14:59:30 Instrument ID: CBNAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

91 Benzidine, CAS: 92-87-5

Signal: 1

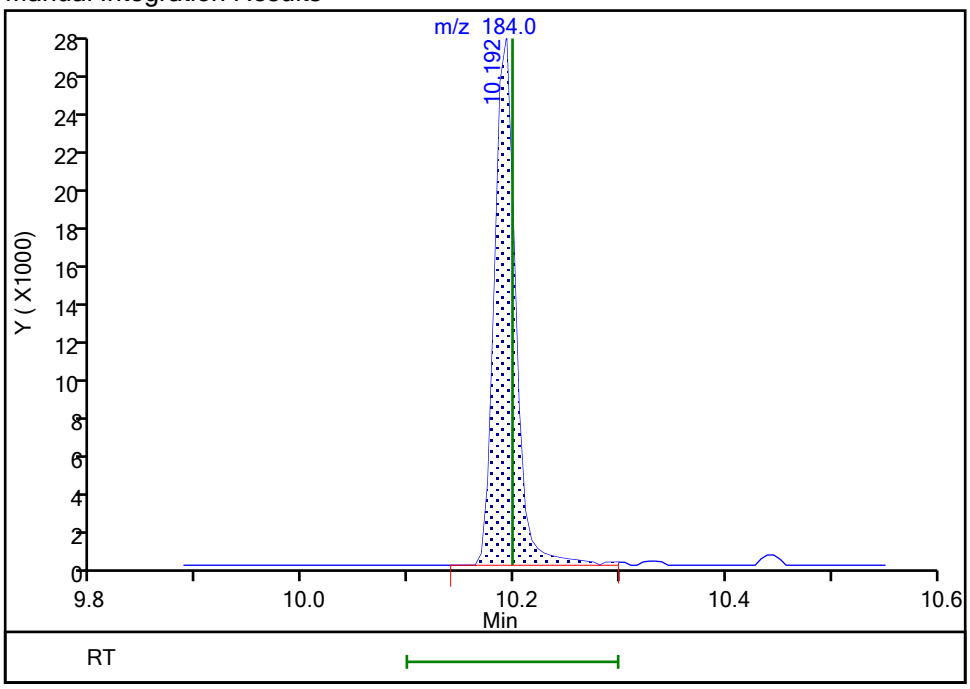
Not Detected
Expected RT: 10.20

Processing Integration Results



Manual Integration Results

RT: 10.19
Area: 37959
Amount: 5.572877
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 17:15:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342539.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 04-Apr-2021 15:21:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126499-008
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 05-Apr-2021 08:08:56 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: nimerd Date: 04-Apr-2021 17:16:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.969	1.963	0.006	97	3672	2.00	1.89	M
$ 4 2-Fluorophenol	112	3.410	3.410	0.000	96	7618	2.00	2.07	
5 Benzaldehyde	77	4.234	4.234	0.000	92	5755	2.00	2.03	
$ 6 Phenol-d5	99	4.281	4.293	-0.011	0	8997	2.00	2.04	
9 Bis(2-chloroethyl)ether	93	4.387	4.393	-0.005	91	6426	2.00	1.87	
* 13 1,4-Dichlorobenzene-d4	152	4.651	4.651	0.000	95	114772	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	5.022	5.028	-0.006	91	5218	2.00	2.06	
25 Hexachloroethane	117	5.134	5.134	0.000	90	3189	2.00	2.00	
$ 26 Nitrobenzene-d5	82	5.163	5.169	-0.006	88	6751	2.00	1.96	
28 n,n'-Dimethylaniline	120	5.193	5.192	0.001	93	11228	2.00	1.98	
27 Nitrobenzene	123	5.181	5.192	-0.011	91	3052	2.00	1.85	
29 Isophorone	82	5.410	5.416	-0.006	98	12657	2.00	1.94	
34 2,4-Dichlorophenol	162	5.716	5.722	-0.006	96	6027	2.00	1.86	
35 1,2,4-Trichlorobenzene	180	5.798	5.804	-0.006	94	7654	2.00	2.00	
* 36 Naphthalene-d8	136	5.851	5.857	-0.006	99	427485	40.0	40.0	
131 2,6-Dichlorophenol	162	5.928	5.934	-0.006	96	6075	2.00	1.90	
39 Hexachlorobutadiene	225	6.004	6.004	0.000	95	4127	2.00	1.89	
40 Caprolactam	113	6.210	6.287	-0.076	87	1597	2.00	1.71	
48 2,4,6-Trichlorophenol	196	6.798	6.804	-0.006	90	4069	2.00	1.71	
$ 50 2-Fluorobiphenyl	172	6.875	6.881	-0.006	96	17250	2.00	2.01	
60 2,6-Dinitrotoluene	165	7.304	7.316	-0.012	94	2326	2.00	1.64	
* 63 Acenaphthene-d10	164	7.516	7.522	-0.006	95	230011	40.0	40.0	
66 2,4-Dinitrophenol	184	7.563	7.575	-0.012	80	1168	4.00	4.12	a
68 2,4-Dinitrotoluene	165	7.687	7.698	-0.011	94	2483	2.00	1.75	a
76 4,6-Dinitro-2-methylphenol	198	8.075	8.086	-0.011	84	1722	4.00	4.47	
$ 79 2,4,6-Tribromophenol	330	8.263	8.269	-0.006	89	1982	2.00	1.62	
81 Hexachlorobenzene	284	8.563	8.569	-0.006	93	6023	2.00	2.12	
82 Atrazine	200	8.645	8.657	-0.012	93	4594	2.00	2.01	
83 Pentachlorophenol	266	8.745	8.751	-0.006	92	4607	4.00	2.91	a
* 85 Phenanthrene-d10	188	8.922	8.928	-0.006	98	424255	40.0	40.0	
$ 94 Terphenyl-d14	244	10.439	10.451	-0.012	99	17872	2.00	1.96	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
98 3,3'-Dichlorobenzidine	252	11.569	11.580	-0.011	98	8244	2.00	1.78	
99 Benzo[a]anthracene	228	11.592	11.604	-0.012	99	25164	2.00	2.02	
* 100 Chrysene-d12	240	11.604	11.616	-0.012	99	358506	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.039	13.063	-0.024	99	23593	2.00	1.83	
105 Benzo[k]fluoranthene	252	13.080	13.098	-0.018	99	26541	2.00	2.01	
106 Benzo[a]pyrene	252	13.510	13.533	-0.023	96	21506	2.00	1.89	
* 107 Perylene-d12	264	13.604	13.615	-0.011	98	437056	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.280	15.315	-0.035	99	22945	2.00	1.85	
109 Dibenz(a,h)anthracene	278	15.327	15.362	-0.035	97	23071	2.00	1.92	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L3_00002 Amount Added: 1.00 Units: mL

Report Date: 05-Apr-2021 08:08:57 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342539.d

Injection Date: 04-Apr-2021 15:21:30 Instrument ID: CBNAMS12 Operator ID:

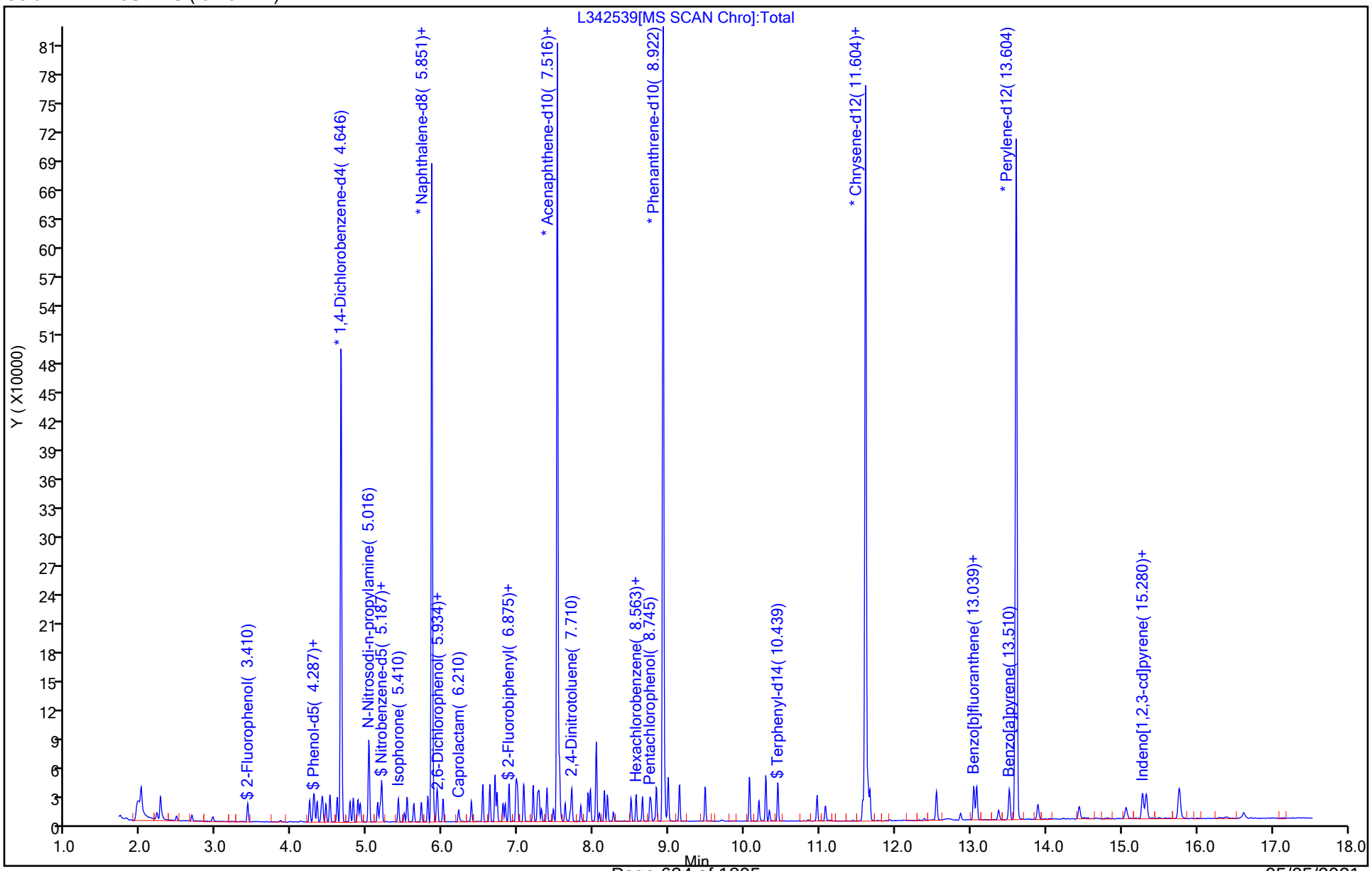
Lims ID: STD2 Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8270_12R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

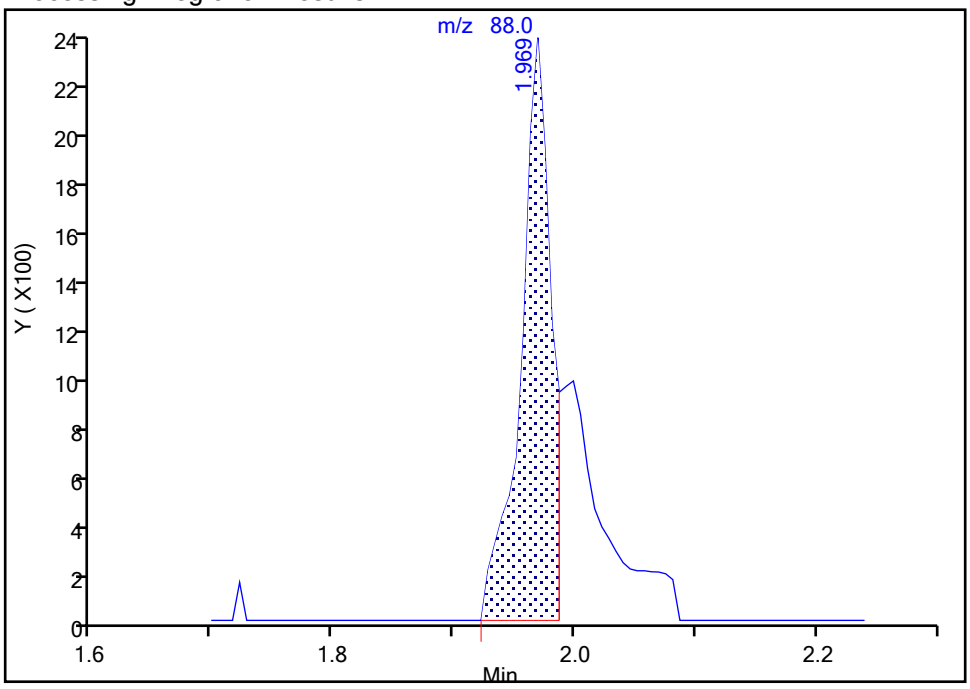
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342539.d
Injection Date: 04-Apr-2021 15:21:30 Instrument ID: CBNAMS12
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

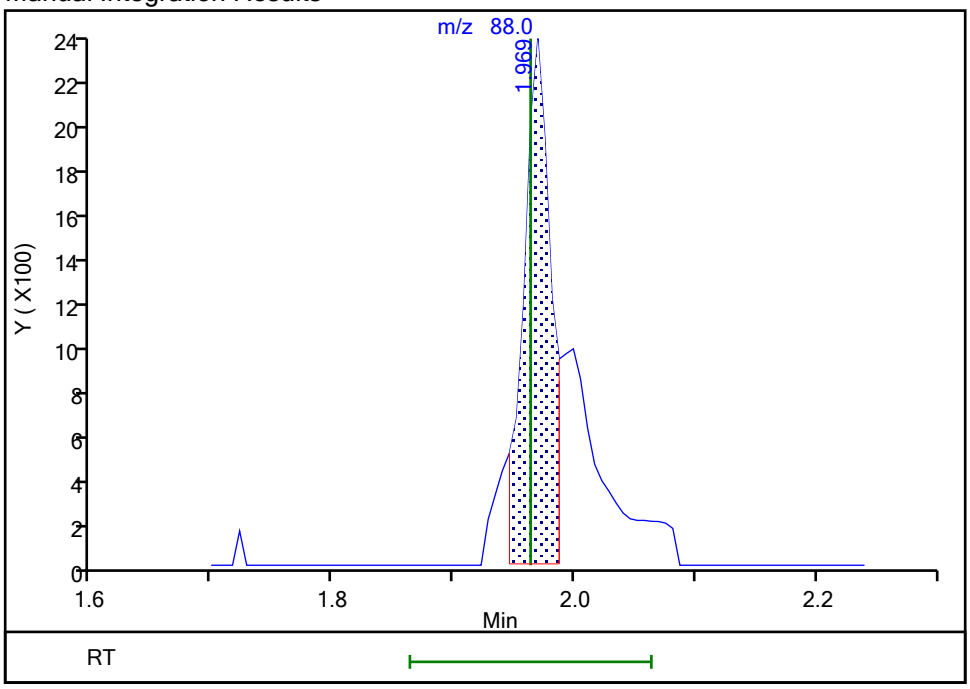
Processing Integration Results

RT: 1.97
Area: 4013
Amount: 1.295258
Amount Units: ug/ml



Manual Integration Results

RT: 1.97
Area: 3672
Amount: 1.892516
Amount Units: ug/ml



Reviewer: johnstonm1, 05-Apr-2021 07:43:42
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

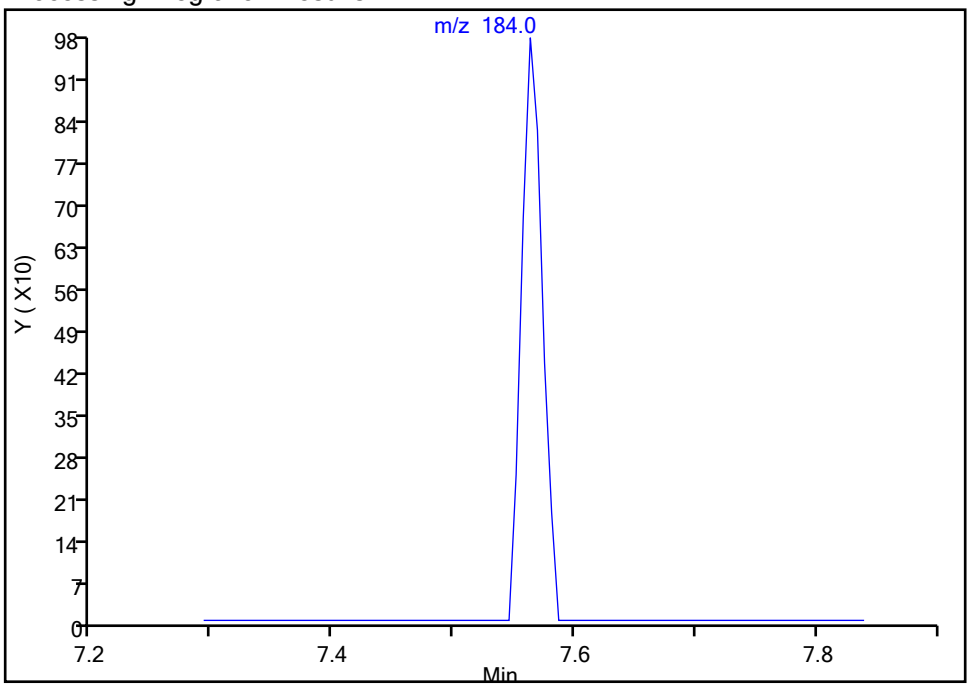
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342539.d
Injection Date: 04-Apr-2021 15:21:30 Instrument ID: CBNAMS12
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

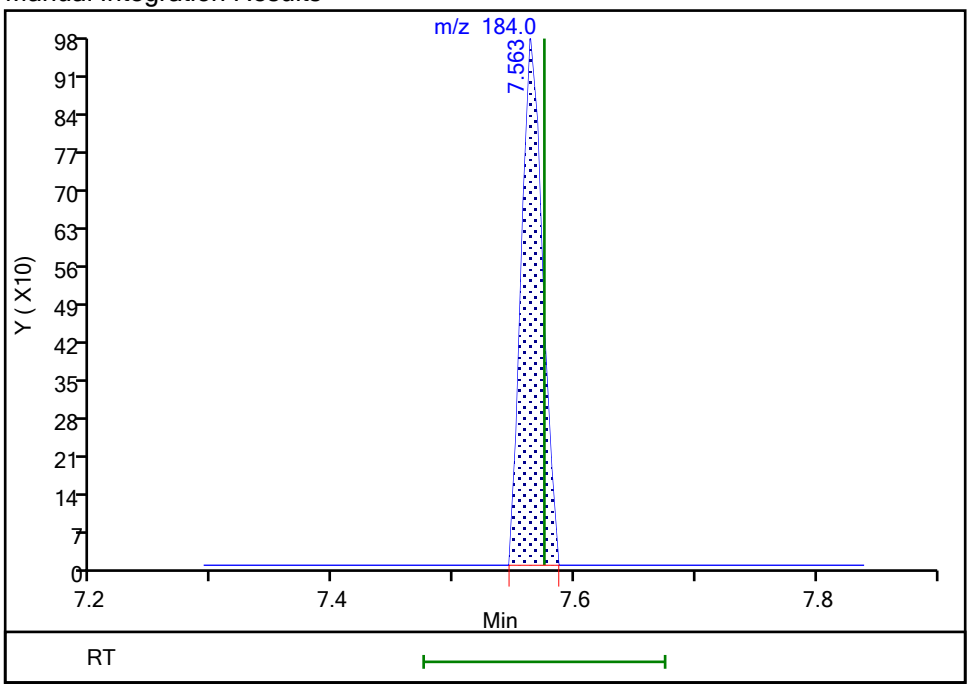
Not Detected
Expected RT: 7.57

Processing Integration Results



Manual Integration Results

RT: 7.56
Area: 1168
Amount: 4.121945
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 17:15:40
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

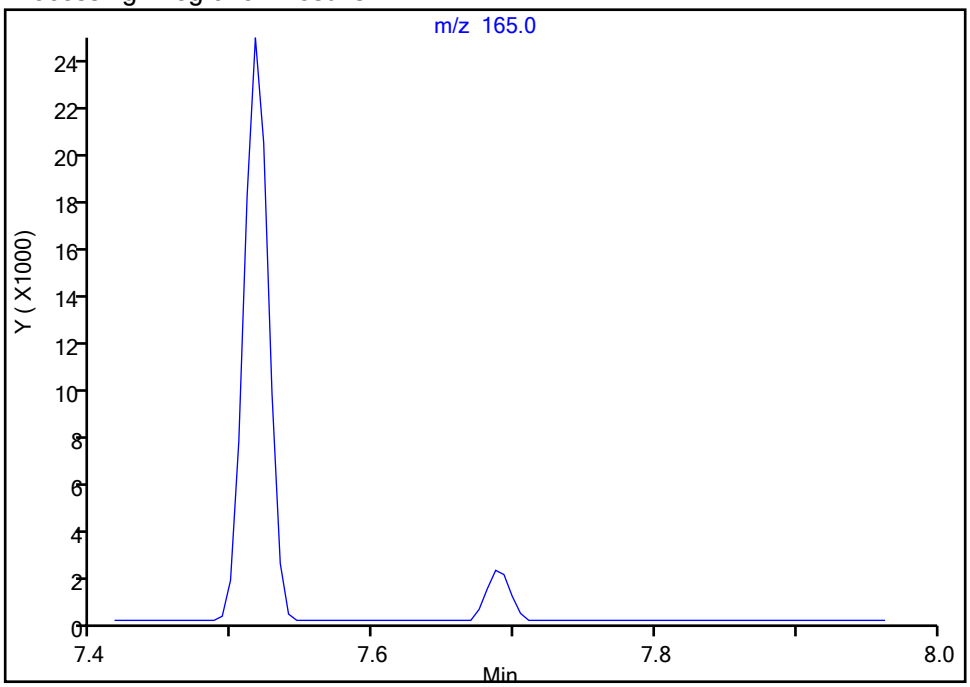
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342539.d
Injection Date: 04-Apr-2021 15:21:30 Instrument ID: CBNAMS12
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

68 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

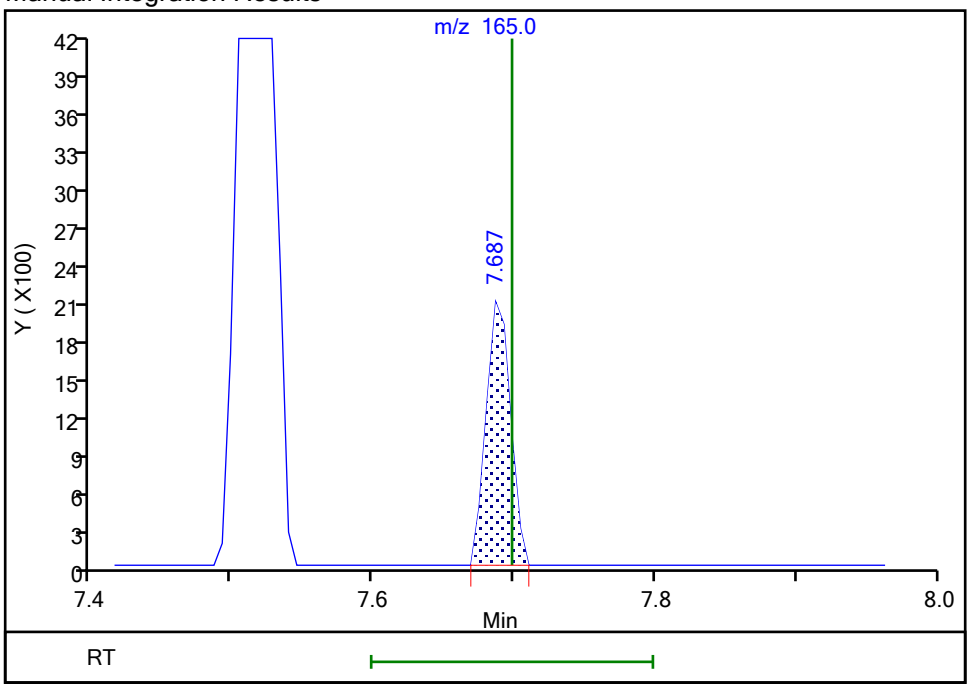
Not Detected
Expected RT: 7.70

Processing Integration Results



Manual Integration Results

RT: 7.69
Area: 2483
Amount: 1.753450
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 17:15:48
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

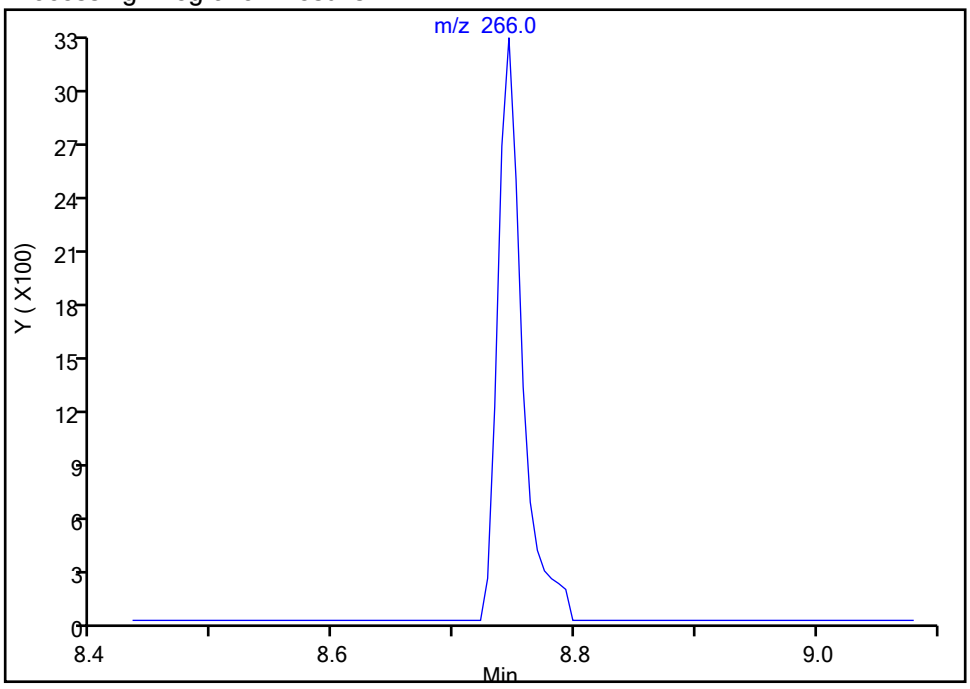
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342539.d				
Injection Date:	04-Apr-2021 15:21:30	Instrument ID:	CBNAMS12		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

83 Pentachlorophenol, CAS: 87-86-5

Signal: 1

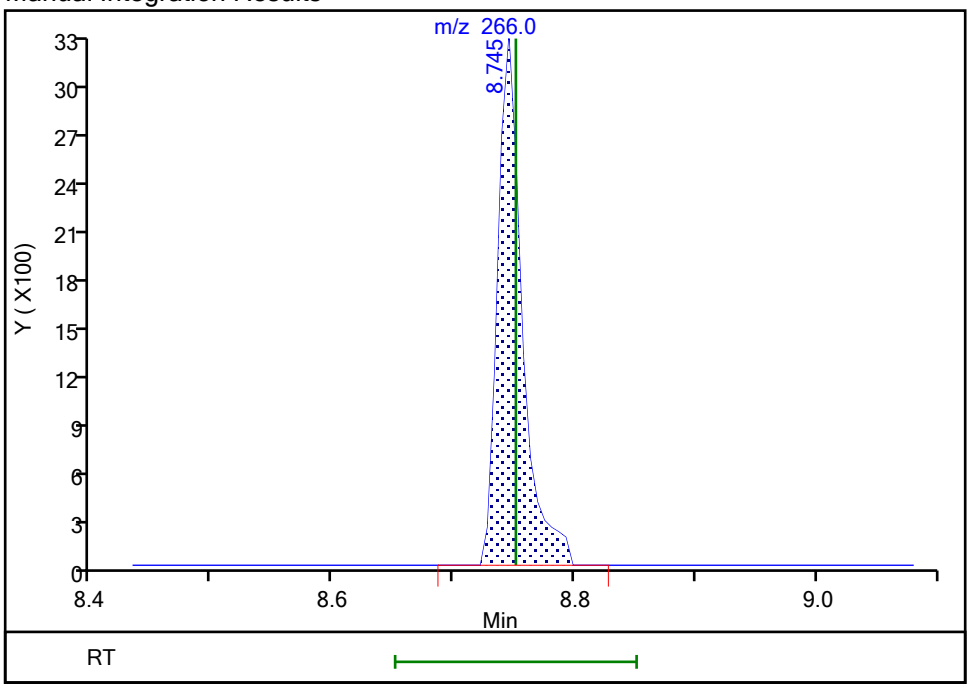
Not Detected
Expected RT: 8.75

Processing Integration Results



Manual Integration Results

RT: 8.75
Area: 4607
Amount: 2.908306
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 17:15:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342540.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 04-Apr-2021 15:44:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126499-009
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 05-Apr-2021 08:09:22 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: nimerd Date: 04-Apr-2021 17:16:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.969	1.963	0.006	93	2603	1.00	1.07	M
$ 4 2-Fluorophenol	112	3.410	3.410	0.000	94	3456	1.00	0.9348	
5 Benzaldehyde	77	4.234	4.234	0.000	92	3050	1.00	1.07	
$ 6 Phenol-d5	99	4.287	4.293	-0.005	0	4305	1.00	0.9709	
9 Bis(2-chloroethyl)ether	93	4.387	4.393	-0.005	94	3495	1.00	1.01	
* 13 1,4-Dichlorobenzene-d4	152	4.651	4.651	0.000	94	115186	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	5.022	5.028	-0.006	91	2781	1.00	1.09	a
25 Hexachloroethane	117	5.134	5.134	0.000	90	1506	1.00	0.9428	
$ 26 Nitrobenzene-d5	82	5.163	5.169	-0.006	89	3478	1.00	0.9893	
27 Nitrobenzene	123	5.187	5.192	-0.005	92	1632	1.00	0.9879	
28 n,n'-Dimethylaniline	120	5.193	5.192	0.001	93	6178	1.00	1.09	
35 1,2,4-Trichlorobenzene	180	5.798	5.804	-0.006	93	3900	1.00	1.00	
* 36 Naphthalene-d8	136	5.851	5.857	-0.006	99	435717	40.0	40.0	
39 Hexachlorobutadiene	225	6.004	6.004	0.000	94	2173	1.00	0.9768	
40 Caprolactam	113	6.210	6.287	-0.076	88	803	1.00	0.8431	
$ 50 2-Fluorobiphenyl	172	6.875	6.881	-0.006	97	8848	1.00	0.9890	
60 2,6-Dinitrotoluene	165	7.310	7.316	-0.006	90	924	1.00	0.6238	
* 63 Acenaphthene-d10	164	7.516	7.522	-0.006	95	239661	40.0	40.0	
68 2,4-Dinitrotoluene	165	7.687	7.698	-0.011	90	1218	1.00	1.07	a
$ 79 2,4,6-Tribromophenol	330	8.263	8.269	-0.006	85	951	1.00	0.7450	
81 Hexachlorobenzene	284	8.563	8.569	-0.006	94	2672	1.00	0.9234	
82 Atrazine	200	8.645	8.657	-0.012	89	2138	1.00	0.9175	
* 85 Phenanthrene-d10	188	8.922	8.928	-0.006	98	432616	40.0	40.0	
$ 94 Terphenyl-d14	244	10.439	10.451	-0.012	99	9940	1.00	1.04	
99 Benzo[a]anthracene	228	11.592	11.604	-0.012	98	12724	1.00	0.9735	
* 100 Chrysene-d12	240	11.604	11.616	-0.012	99	375537	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.039	13.063	-0.024	97	12102	1.00	0.9129	
105 Benzo[k]fluoranthene	252	13.080	13.098	-0.018	98	11850	1.00	0.8767	
106 Benzo[a]pyrene	252	13.510	13.533	-0.023	96	10641	1.00	0.9107	
* 107 Perylene-d12	264	13.604	13.615	-0.011	98	448195	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.280	15.315	-0.035	99	11156	1.00	0.8749	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
109 Dibenz(a,h)anthracene	278	15.327	15.362	-0.035	96	10892	1.00	0.8860	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L2_00002 Amount Added: 1.00 Units: mL

Report Date: 05-Apr-2021 08:09:23 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342540.d

Injection Date: 04-Apr-2021 15:44:30 Instrument ID: CBNAMS12 Operator ID:

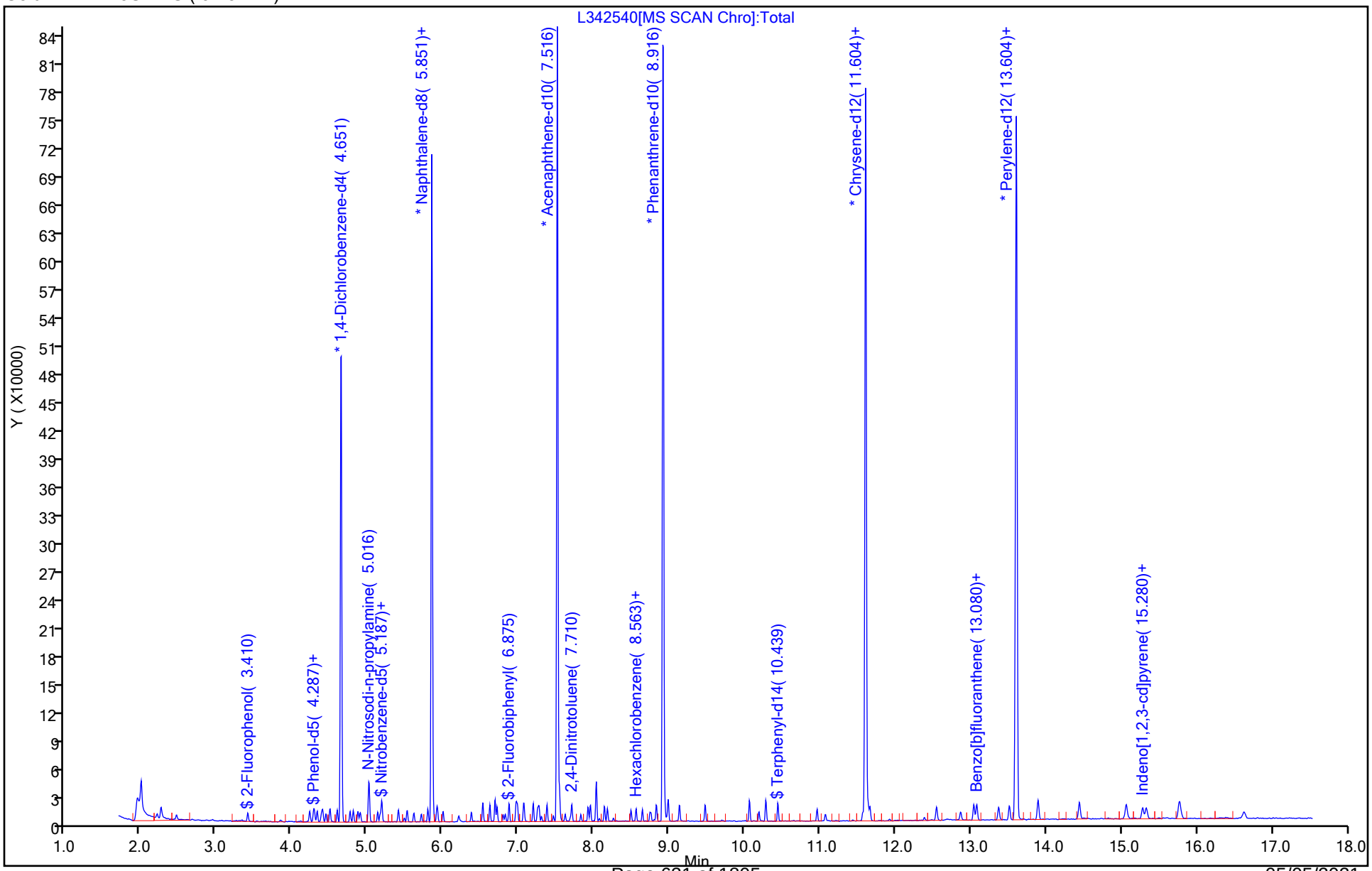
Lims ID: STD1 Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270_12R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

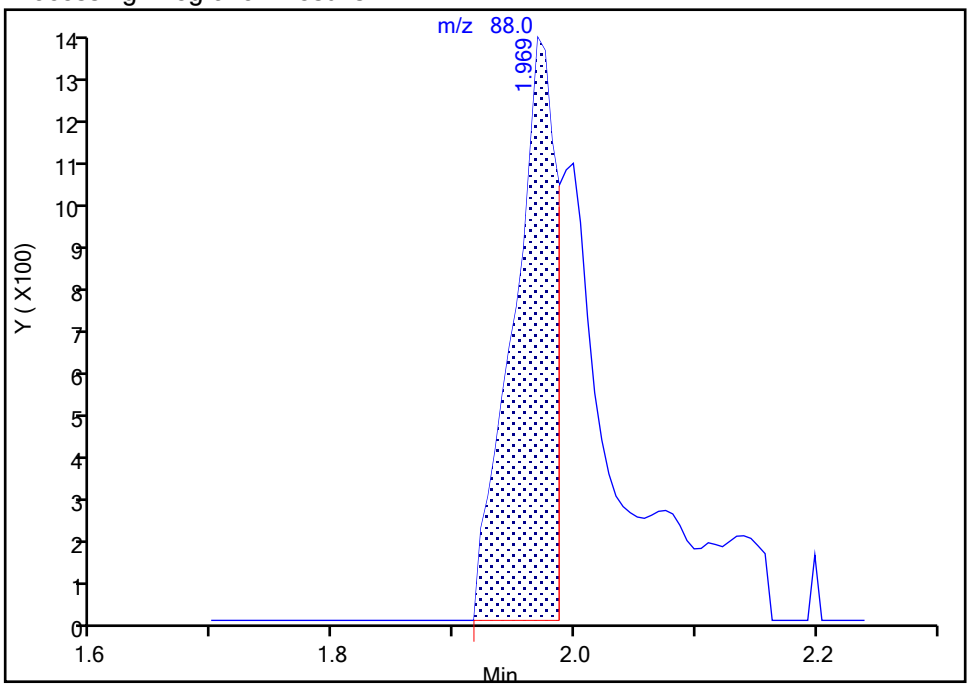
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342540.d
Injection Date: 04-Apr-2021 15:44:30 Instrument ID: CBNAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

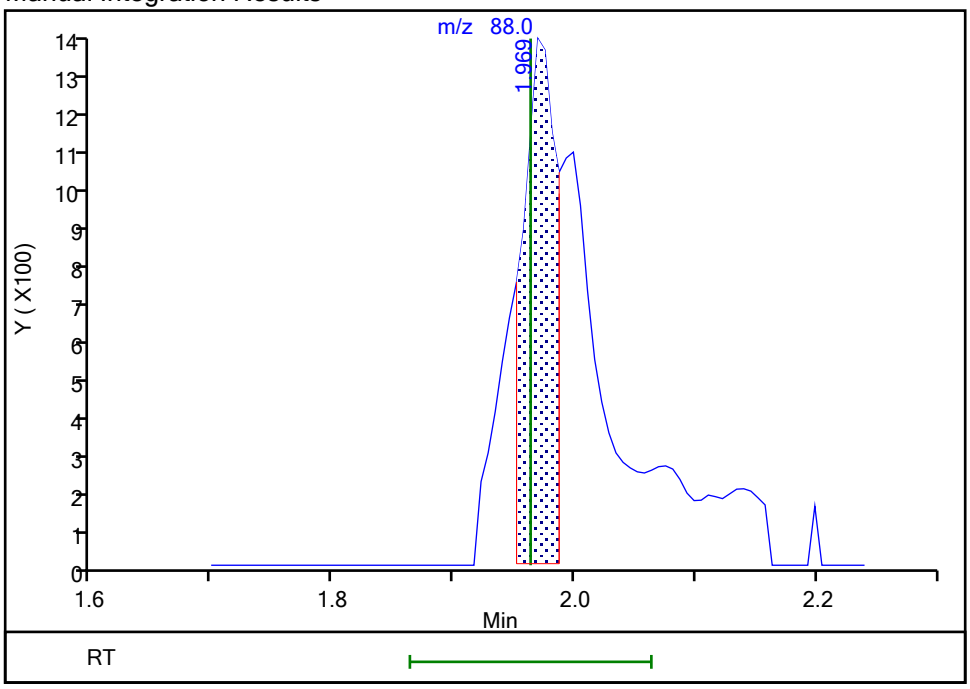
Processing Integration Results

RT: 1.97
Area: 3330
Amount: 1.024902
Amount Units: ug/ml



Manual Integration Results

RT: 1.97
Area: 2603
Amount: 1.074390
Amount Units: ug/ml



Reviewer: johnstonm1, 05-Apr-2021 07:44:56
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

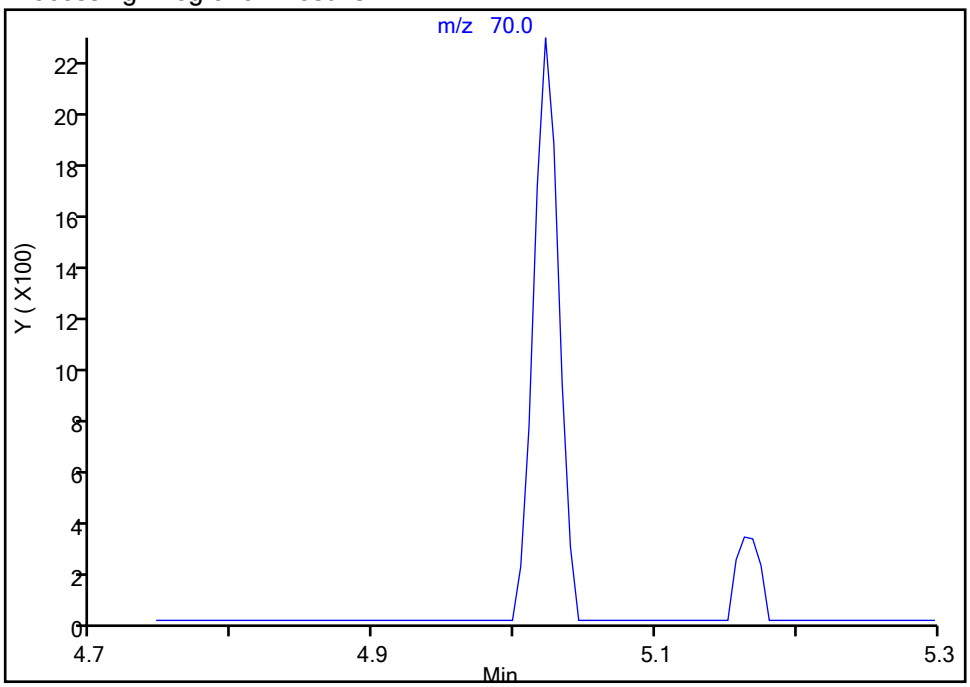
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342540.d
Injection Date: 04-Apr-2021 15:44:30 Instrument ID: CBNAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

21 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

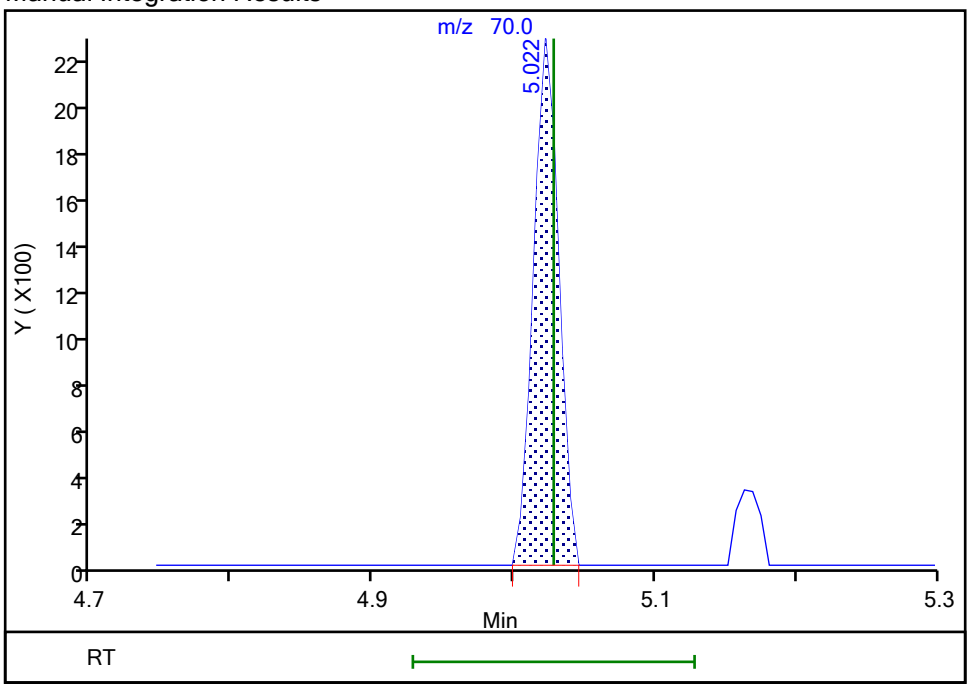
Not Detected
Expected RT: 5.03

Processing Integration Results



Manual Integration Results

RT: 5.02
Area: 2781
Amount: 1.091755
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 17:16:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

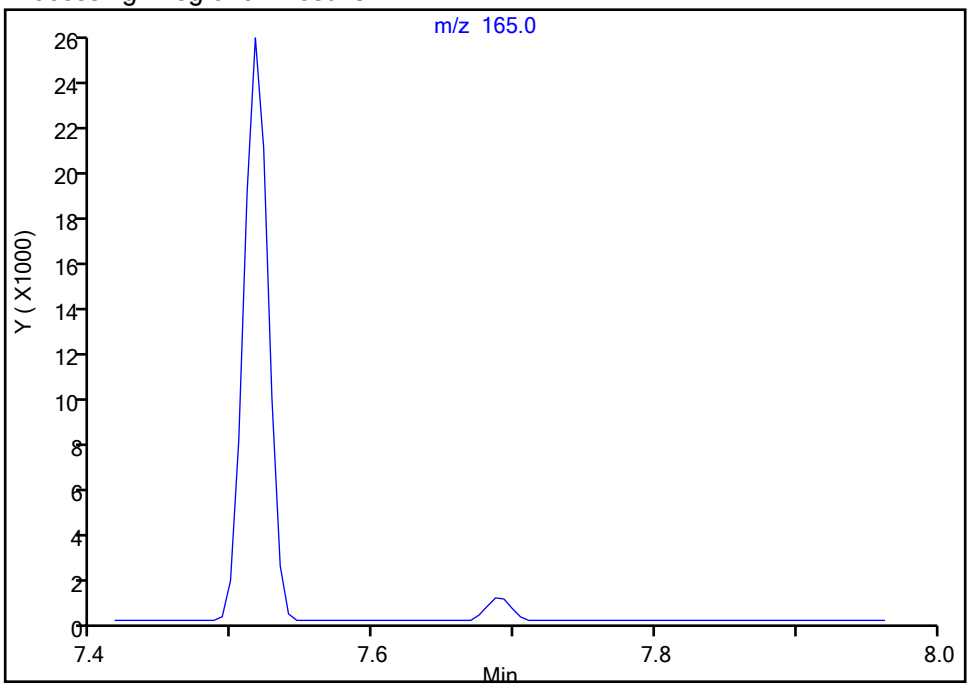
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342540.d				
Injection Date:	04-Apr-2021 15:44:30	Instrument ID:	CBNAMS12		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

68 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

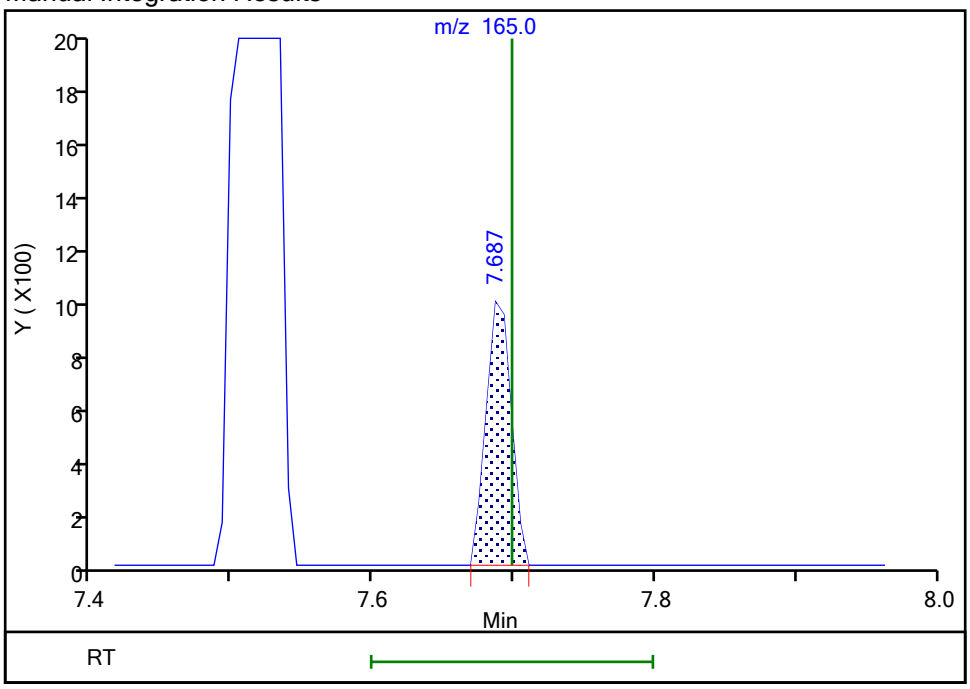
Not Detected
Expected RT: 7.70

Processing Integration Results



Manual Integration Results

RT: 7.69
Area: 1218
Amount: 1.065680
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 17:16:17
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 04-Apr-2021 16:07:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126499-010
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 05-Apr-2021 08:09:43 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: johnstonm1 Date: 05-Apr-2021 07:41:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.969	1.963	0.006	25	1625	0.5000	0.3553	Ma
9 Bis(2-chloroethyl)ether	93	4.387	4.393	-0.005	92	1759	0.5000	0.5183	
* 13 1,4-Dichlorobenzene-d4	152	4.652	4.651	0.001	94	113411	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	5.022	5.028	-0.006	83	1129	0.5000	0.4502	a
25 Hexachloroethane	117	5.134	5.134	0.000	87	699	0.5000	0.4444	
$ 26 Nitrobenzene-d5	82	5.163	5.169	-0.006	88	1730	0.5000	0.4926	
28 n,n'-Dimethylaniline	120	5.193	5.192	0.001	90	2965	0.5000	0.5289	
27 Nitrobenzene	123	5.187	5.192	-0.005	90	727	0.5000	0.4470	
35 1,2,4-Trichlorobenzene	180	5.799	5.804	-0.006	90	1894	0.5000	0.4867	
* 36 Naphthalene-d8	136	5.851	5.857	-0.006	99	435249	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	6.875	6.881	-0.006	96	4606	0.5000	0.5237	
* 63 Acenaphthene-d10	164	7.516	7.522	-0.006	95	235611	40.0	40.0	
81 Hexachlorobenzene	284	8.563	8.569	-0.006	90	1378	0.5000	0.4668	
* 85 Phenanthrene-d10	188	8.922	8.928	-0.006	98	441334	40.0	40.0	
$ 94 Terphenyl-d14	244	10.439	10.451	-0.012	98	4822	0.5000	0.5200	
99 Benzo[a]anthracene	228	11.592	11.604	-0.012	97	6756	0.5000	0.5333	
* 100 Chrysene-d12	240	11.604	11.616	-0.012	99	363986	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.039	13.063	-0.024	98	5800	0.5000	0.4474	
105 Benzo[k]fluoranthene	252	13.080	13.098	-0.018	97	6105	0.5000	0.4619	
106 Benzo[a]pyrene	252	13.510	13.533	-0.023	95	5293	0.5000	0.4632	
* 107 Perylene-d12	264	13.604	13.615	-0.011	98	438300	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.280	15.315	-0.035	95	5071	0.5000	0.4067	
109 Dibenz(a,h)anthracene	278	15.327	15.362	-0.035	96	4881	0.5000	0.4060	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L1_00002 Amount Added: 1.00 Units: mL

Report Date: 05-Apr-2021 08:09:44 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Injection Date: 04-Apr-2021 16:07:30 Instrument ID: CBNAMS12 Operator ID:

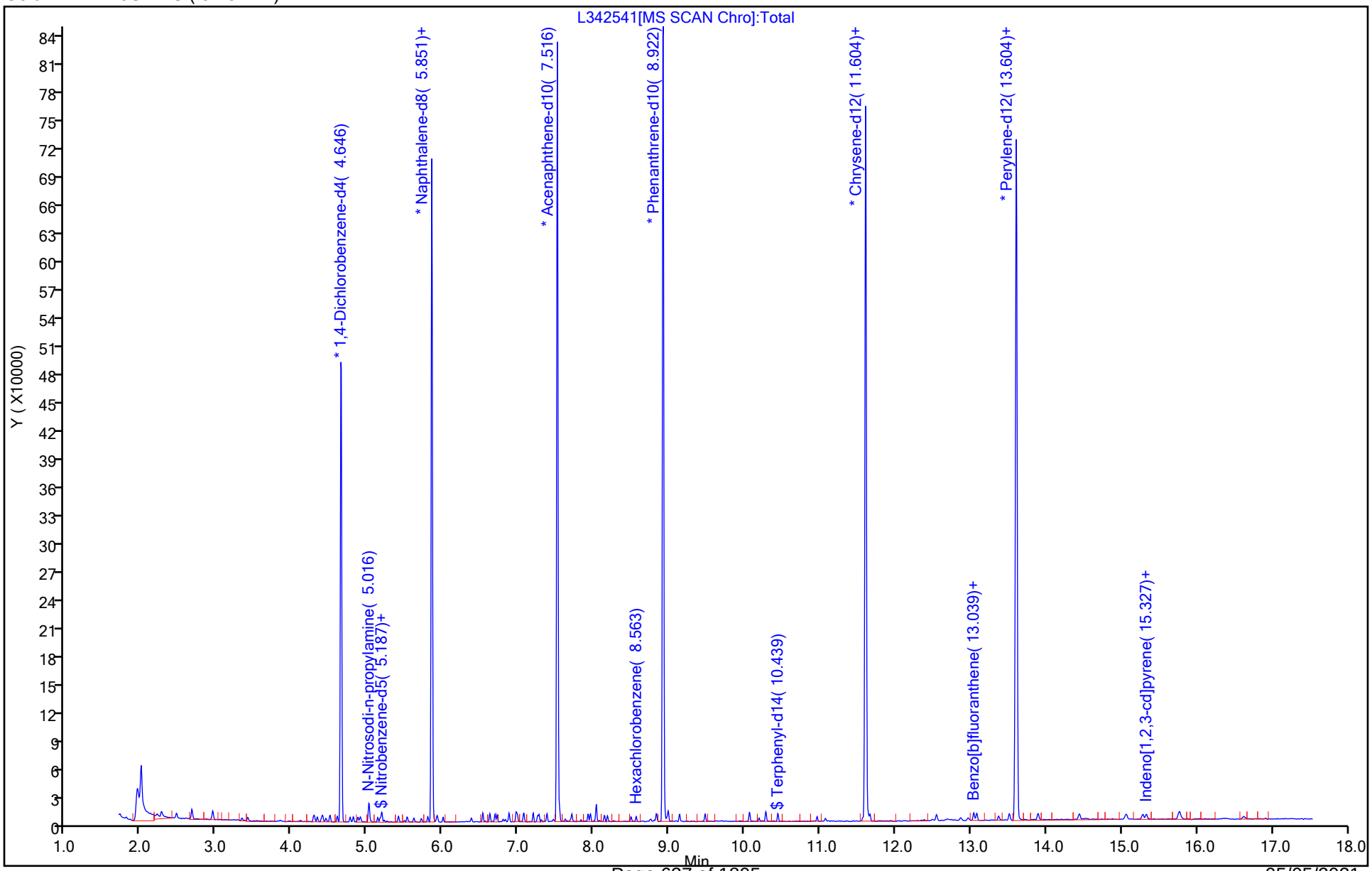
Lims ID: STD05 Worklist Smp#: 10

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8270_12R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

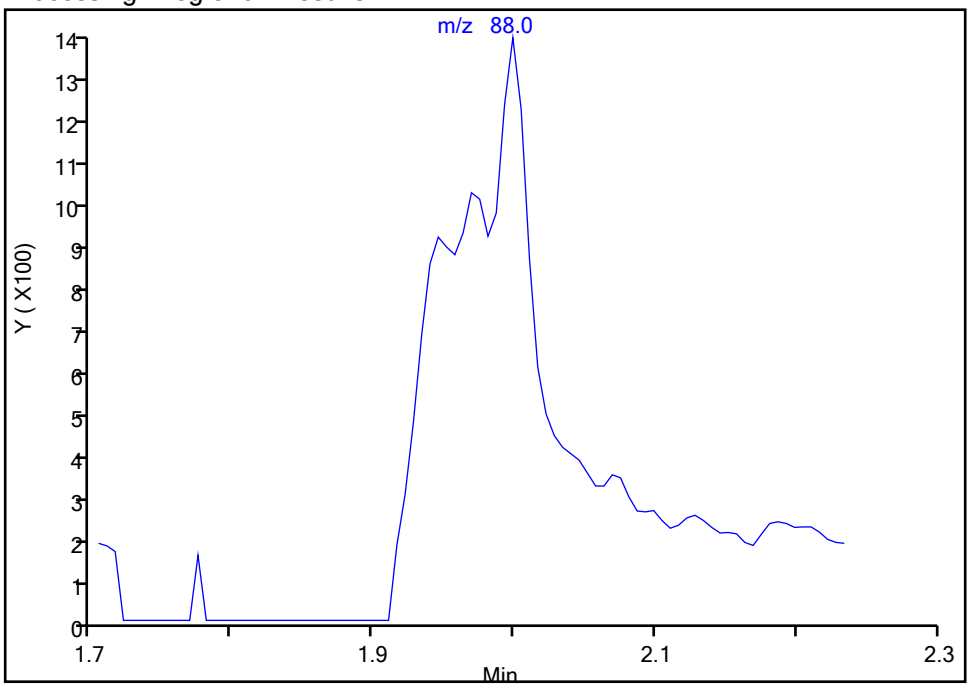
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d
Injection Date: 04-Apr-2021 16:07:30 Instrument ID: CBNAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

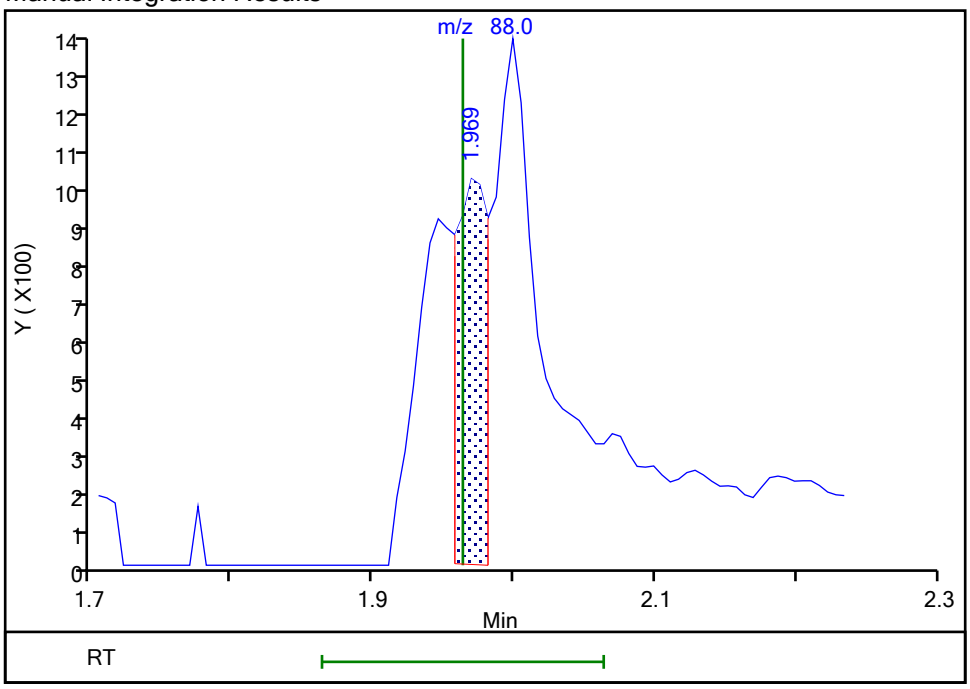
Not Detected
Expected RT: 1.96

Processing Integration Results



Manual Integration Results

RT: 1.97
Area: 1625
Amount: 0.355304
Amount Units: ug/ml



Reviewer: johnstonm1, 05-Apr-2021 07:44:07
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

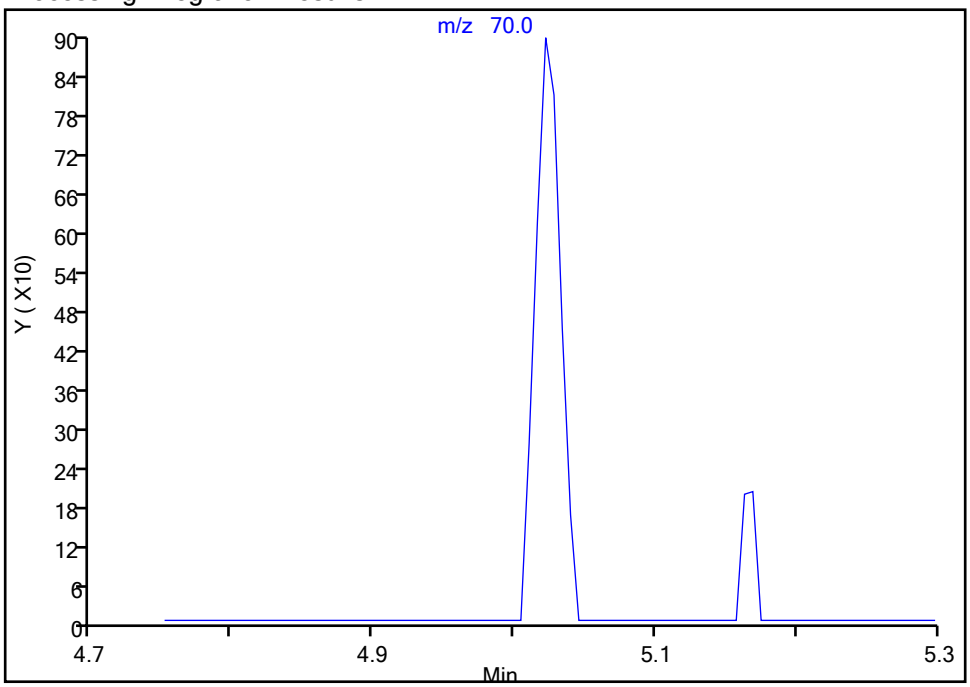
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d
Injection Date: 04-Apr-2021 16:07:30 Instrument ID: CBNAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

21 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

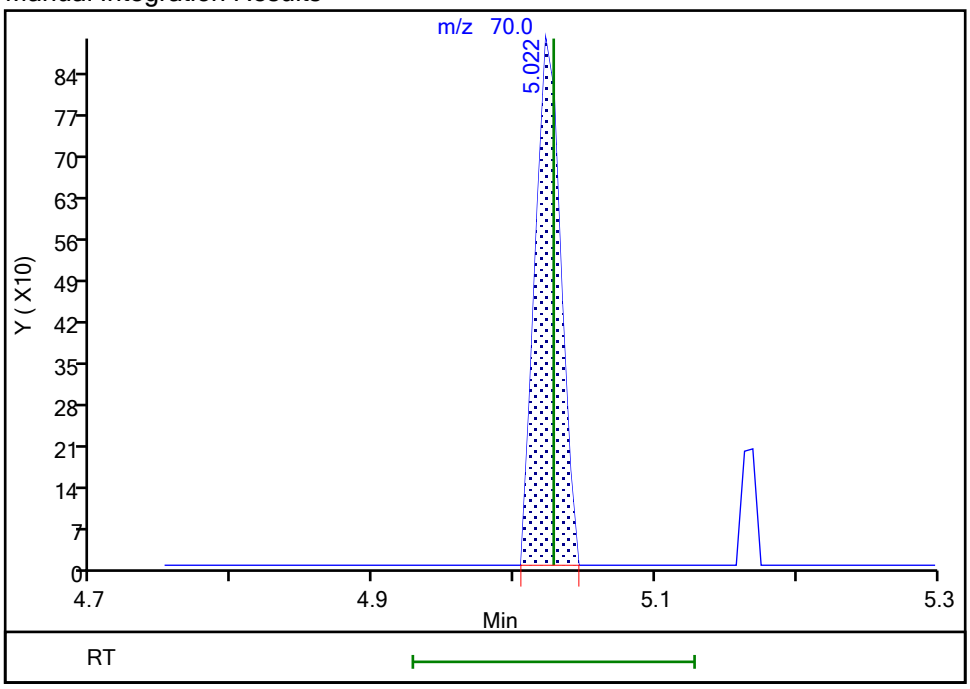
Not Detected
Expected RT: 5.03

Processing Integration Results



Manual Integration Results

RT: 5.02
Area: 1129
Amount: 0.450156
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 17:17:03
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Calibration / 1,4-Dioxane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

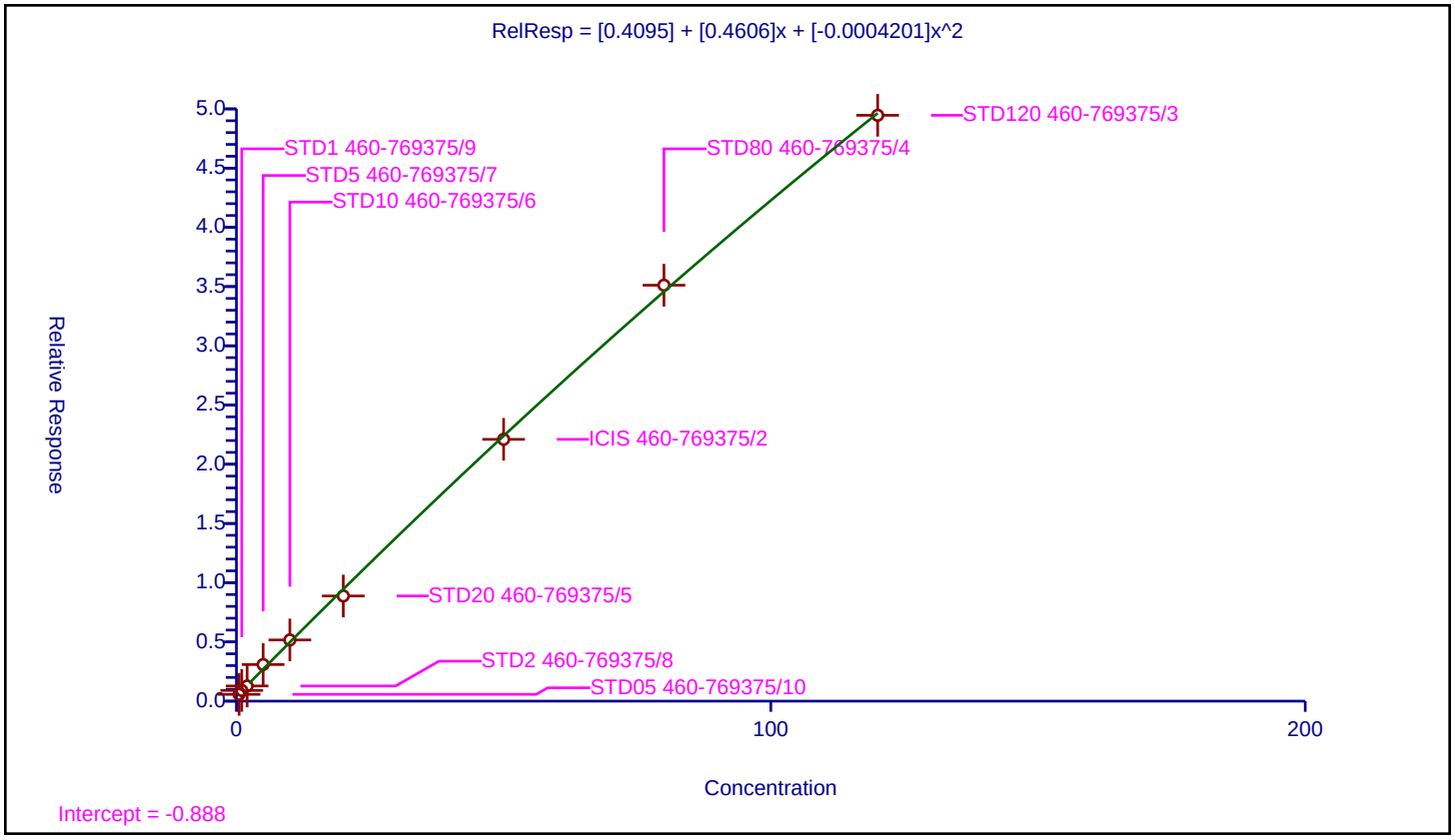
Curve Coefficients

Intercept:	0.4095
Slope:	0.4606
Second Order:	-0.0004201

Error Coefficients

Standard Error:	74300
Relative Standard Error:	14.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.573137	40.0	113411.0	1.146273	Y
2	STD1 460-769375/9	1.0	0.903929	40.0	115186.0	0.903929	Y
3	STD2 460-769375/8	2.0	1.279755	40.0	114772.0	0.639877	Y
4	STD5 460-769375/7	5.0	3.089032	40.0	103929.0	0.617806	Y
5	STD10 460-769375/6	10.0	5.166247	40.0	107521.0	0.516625	Y
6	STD20 460-769375/5	20.0	8.879246	40.0	119839.0	0.443962	Y
7	ICIS 460-769375/2	50.0	22.101557	40.0	113040.0	0.442031	Y
8	STD80 460-769375/4	80.0	35.113618	40.0	109578.0	0.43892	Y
9	STD120 460-769375/3	120.0	49.457808	40.0	111455.0	0.412148	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

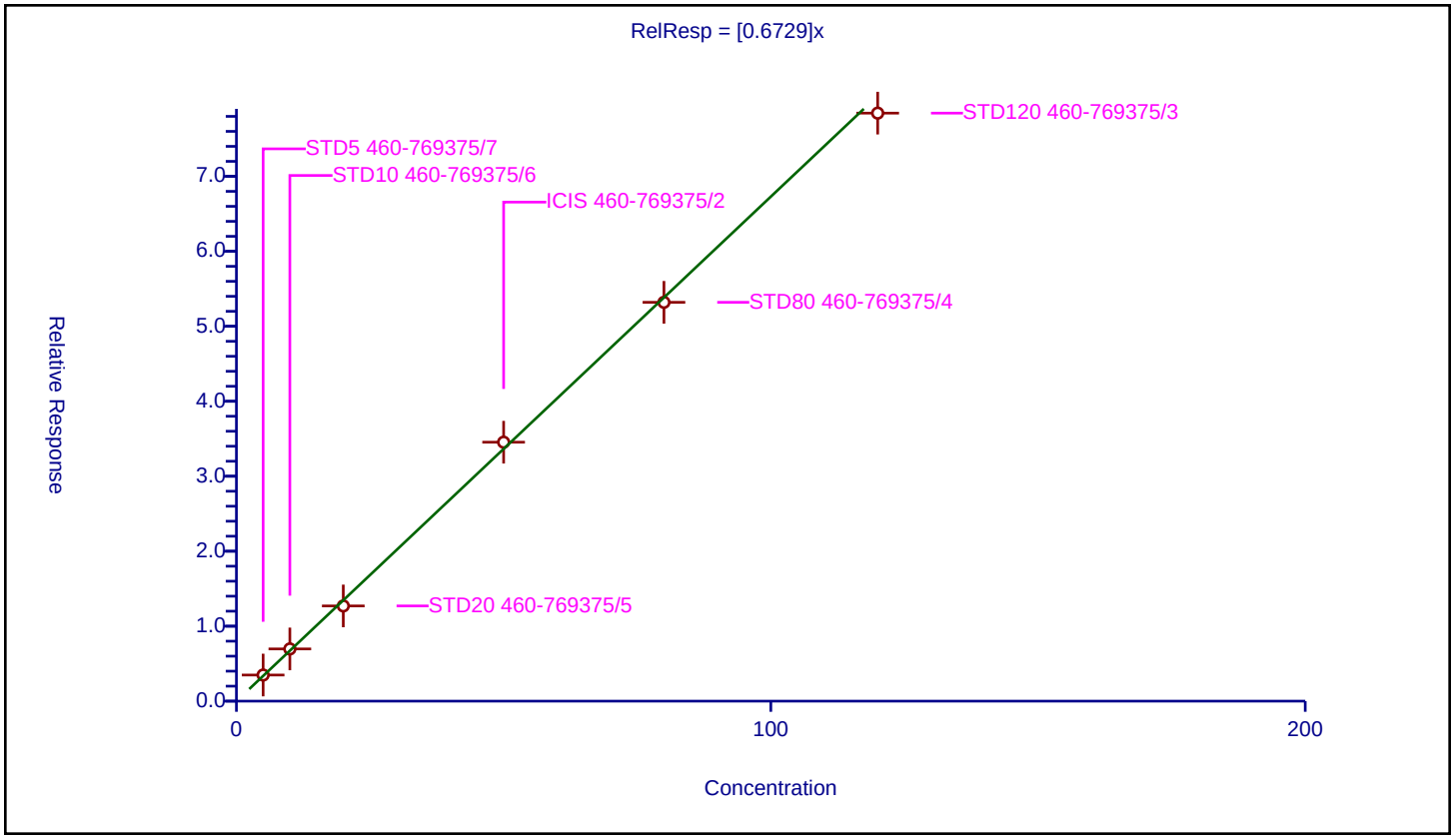
Curve Coefficients

Intercept:	0
Slope:	0.6729

Error Coefficients

Standard Error:	127000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	3.483532	40.0	103929.0	0.696706	Y
2	STD10 460-769375/6	10.0	6.963477	40.0	107521.0	0.696348	Y
3	STD20 460-769375/5	20.0	12.700707	40.0	119839.0	0.635035	Y
4	ICIS 460-769375/2	50.0	34.542109	40.0	113040.0	0.690842	Y
5	STD80 460-769375/4	80.0	53.199	40.0	109578.0	0.664987	Y
6	STD120 460-769375/3	120.0	78.434884	40.0	111455.0	0.653624	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

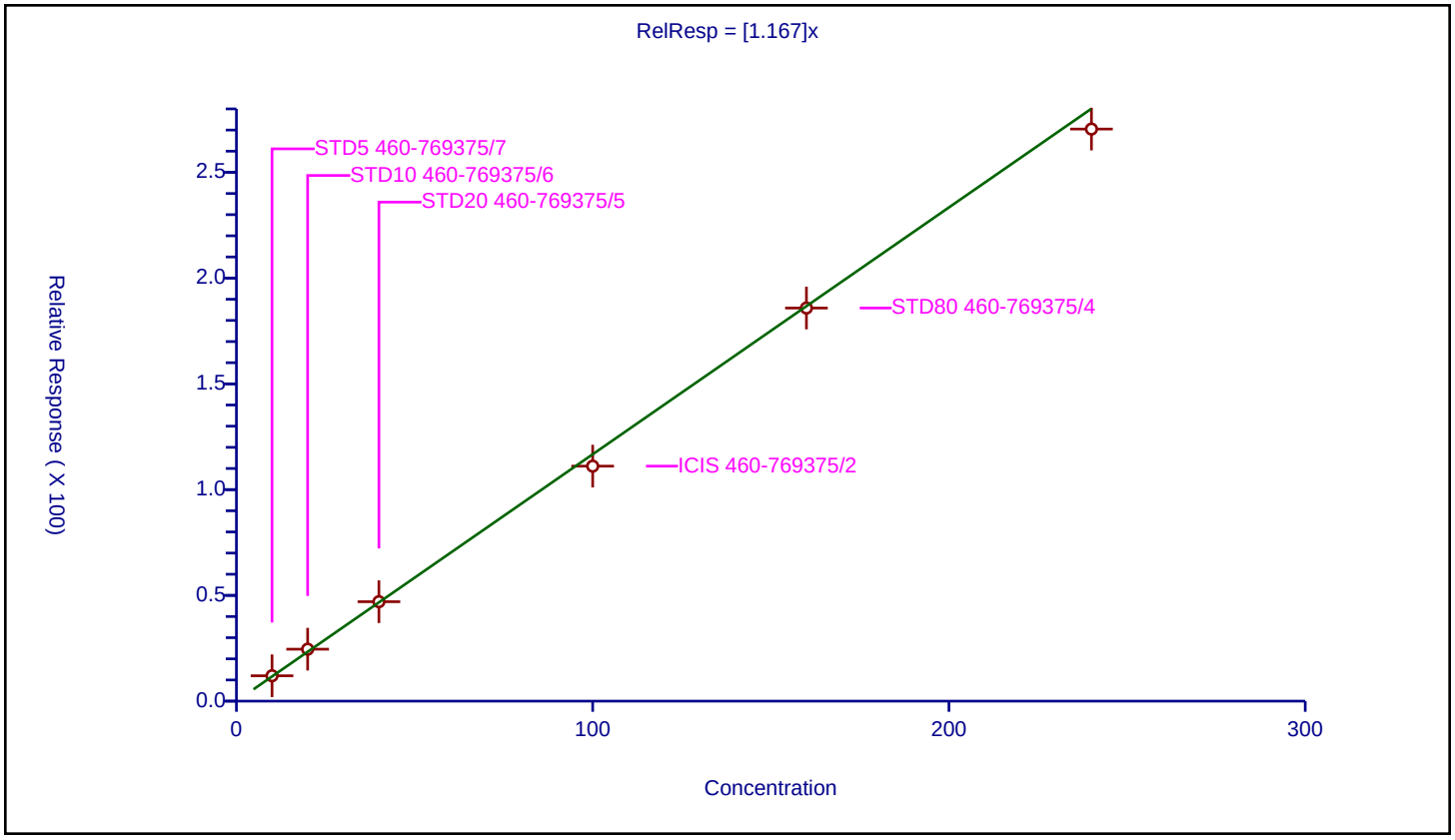
Curve Coefficients

Intercept:	0
Slope:	1.167

Error Coefficients

Standard Error:	436000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	10.0	11.995882	40.0	103929.0	1.199588	Y
2	STD10 460-769375/6	20.0	24.560411	40.0	107521.0	1.228021	Y
3	STD20 460-769375/5	40.0	47.014411	40.0	119839.0	1.17536	Y
4	ICIS 460-769375/2	100.0	111.099788	40.0	113040.0	1.110998	Y
5	STD80 460-769375/4	160.0	185.849349	40.0	109578.0	1.161558	Y
6	STD120 460-769375/3	240.0	270.462877	40.0	111455.0	1.126929	Y



Calibration / 2-Fluorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

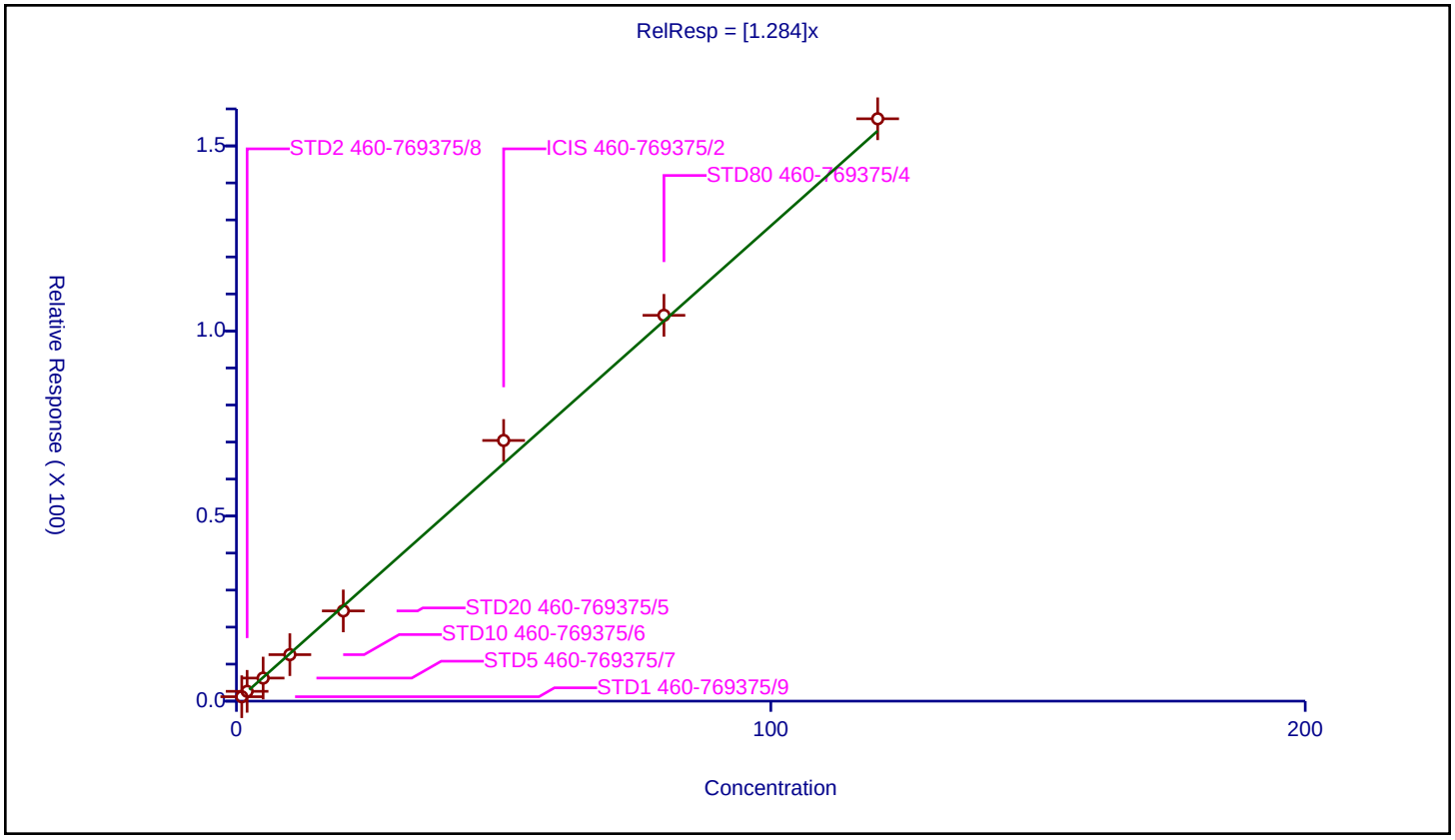
Curve Coefficients

Intercept:	0
Slope:	1.284

Error Coefficients

Standard Error:	214000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769375/9	1.0	1.200146	40.0	115186.0	1.200146	Y
2	STD2 460-769375/8	2.0	2.655003	40.0	114772.0	1.327501	Y
3	STD5 460-769375/7	5.0	6.233101	40.0	103929.0	1.24662	Y
4	STD10 460-769375/6	10.0	12.559407	40.0	107521.0	1.255941	Y
5	STD20 460-769375/5	20.0	24.372366	40.0	119839.0	1.218618	Y
6	ICIS 460-769375/2	50.0	70.423567	40.0	113040.0	1.408471	Y
7	STD80 460-769375/4	80.0	104.238807	40.0	109578.0	1.302985	Y
8	STD120 460-769375/3	120.0	157.327352	40.0	111455.0	1.311061	Y



Calibration / Benzaldehyde

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

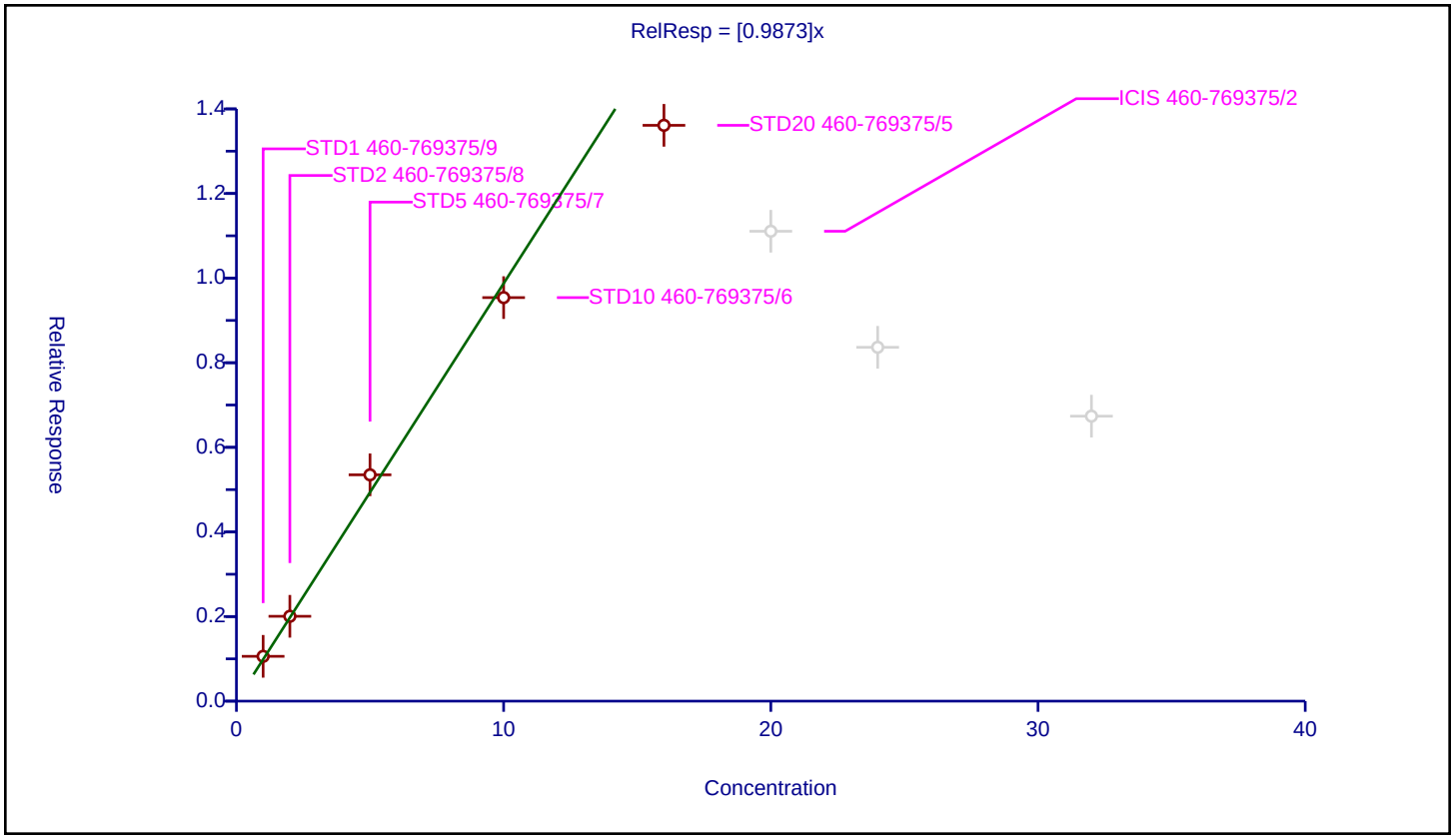
Curve Coefficients

Intercept:	0
Slope:	0.9873

Error Coefficients

Standard Error:	25300
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769375/9	1.0	1.059156	40.0	115186.0	1.059156	Y
2	STD2 460-769375/8	2.0	2.005716	40.0	114772.0	1.002858	Y
3	STD5 460-769375/7	5.0	5.349806	40.0	103929.0	1.069961	Y
4	STD10 460-769375/6	10.0	9.539346	40.0	107521.0	0.953935	Y
5	STD20 460-769375/5	16.0	13.611596	40.0	119839.0	0.850725	Y
6	ICIS 460-769375/2	20.0	11.107926	40.0	113040.0	0.555396	N
7	STD80 460-769375/4	24.0	8.364453	40.0	109578.0	0.348519	N
8	STD120 460-769375/3	32.0	6.73671	40.0	111455.0	0.210522	N



Calibration / Phenol-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

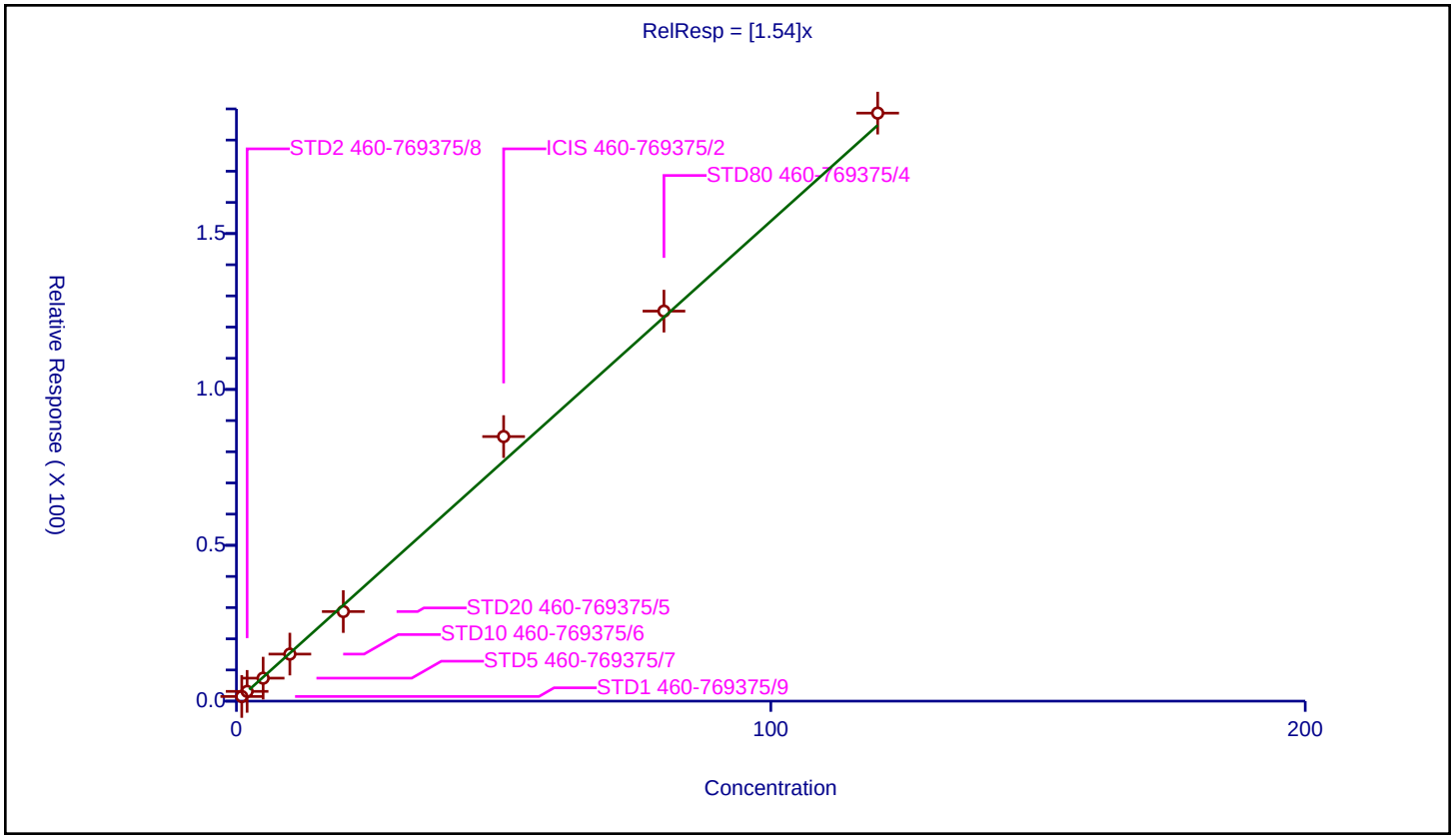
Curve Coefficients

Intercept:	0
Slope:	1.54

Error Coefficients

Standard Error:	257000
Relative Standard Error:	5.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769375/9	1.0	1.494973	40.0	115186.0	1.494973	Y
2	STD2 460-769375/8	2.0	3.135608	40.0	114772.0	1.567804	Y
3	STD5 460-769375/7	5.0	7.37388	40.0	103929.0	1.474776	Y
4	STD10 460-769375/6	10.0	15.095098	40.0	107521.0	1.50951	Y
5	STD20 460-769375/5	20.0	28.741562	40.0	119839.0	1.437078	Y
6	ICIS 460-769375/2	50.0	84.872965	40.0	113040.0	1.697459	Y
7	STD80 460-769375/4	80.0	125.125481	40.0	109578.0	1.564069	Y
8	STD120 460-769375/3	120.0	188.653358	40.0	111455.0	1.572111	Y



Calibration / Phenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

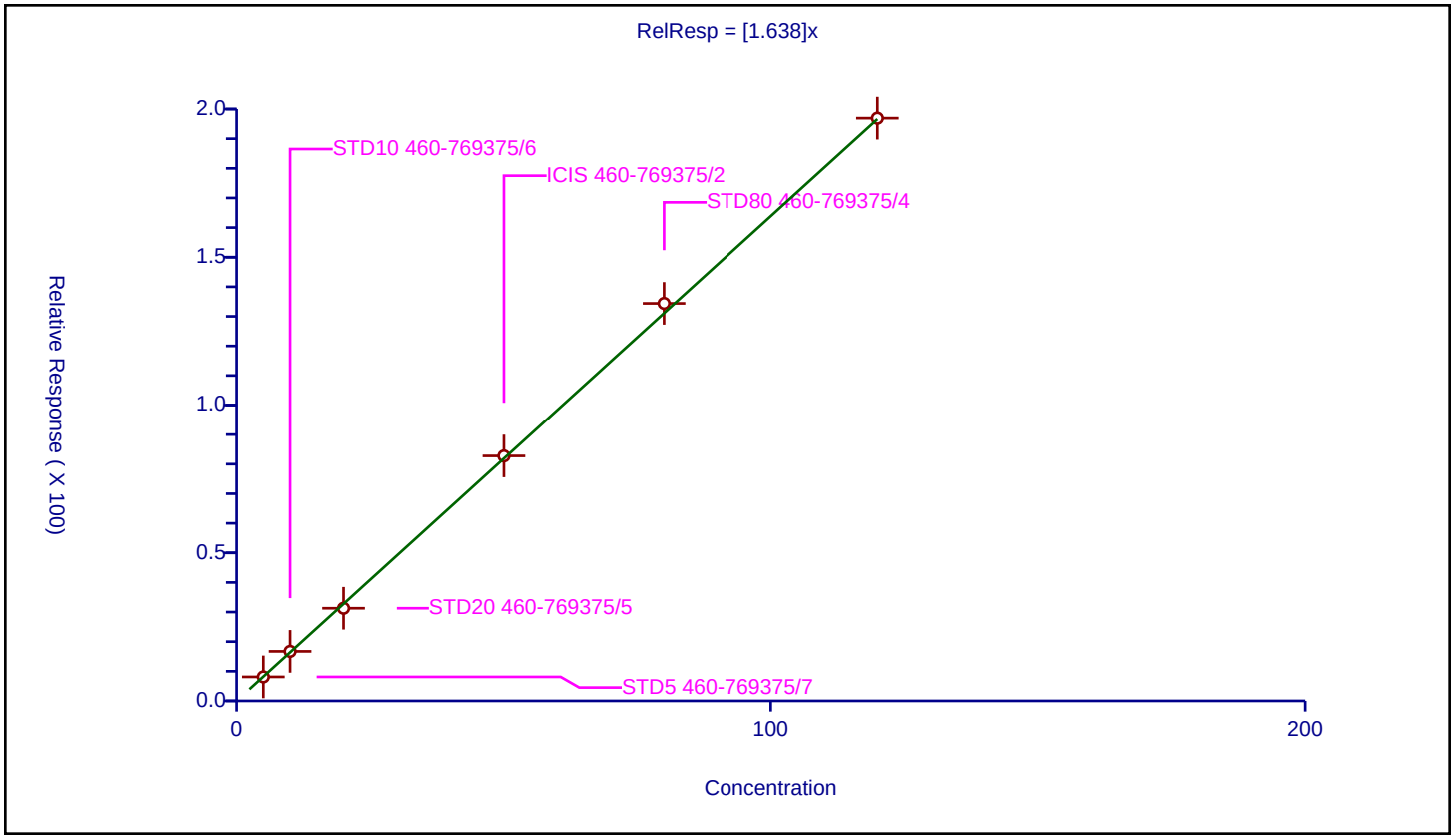
Curve Coefficients

Intercept:	0
Slope:	1.638

Error Coefficients

Standard Error:	317000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	8.096297	40.0	103929.0	1.619259	Y
2	STD10 460-769375/6	10.0	16.713758	40.0	107521.0	1.671376	Y
3	STD20 460-769375/5	20.0	31.28197	40.0	119839.0	1.564098	Y
4	ICIS 460-769375/2	50.0	82.774239	40.0	113040.0	1.655485	Y
5	STD80 460-769375/4	80.0	134.373688	40.0	109578.0	1.679671	Y
6	STD120 460-769375/3	120.0	196.92719	40.0	111455.0	1.64106	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

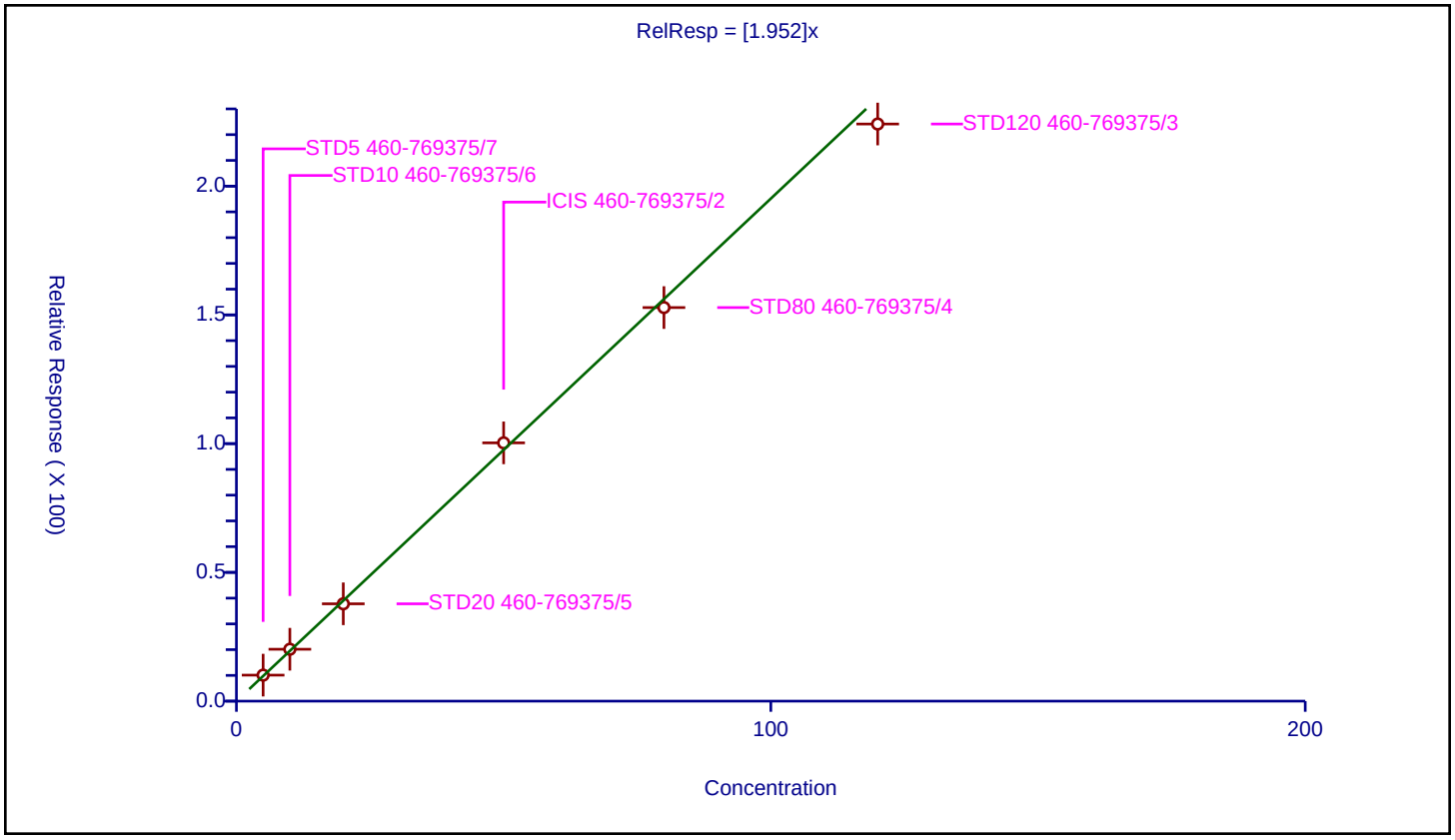
Curve Coefficients

Intercept:	0
Slope:	1.952

Error Coefficients

Standard Error:	364000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	10.100357	40.0	103929.0	2.020071	Y
2	STD10 460-769375/6	10.0	20.15197	40.0	107521.0	2.015197	Y
3	STD20 460-769375/5	20.0	37.795375	40.0	119839.0	1.889769	Y
4	ICIS 460-769375/2	50.0	100.300425	40.0	113040.0	2.006008	Y
5	STD80 460-769375/4	80.0	152.844914	40.0	109578.0	1.910561	Y
6	STD120 460-769375/3	120.0	224.122022	40.0	111455.0	1.867684	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

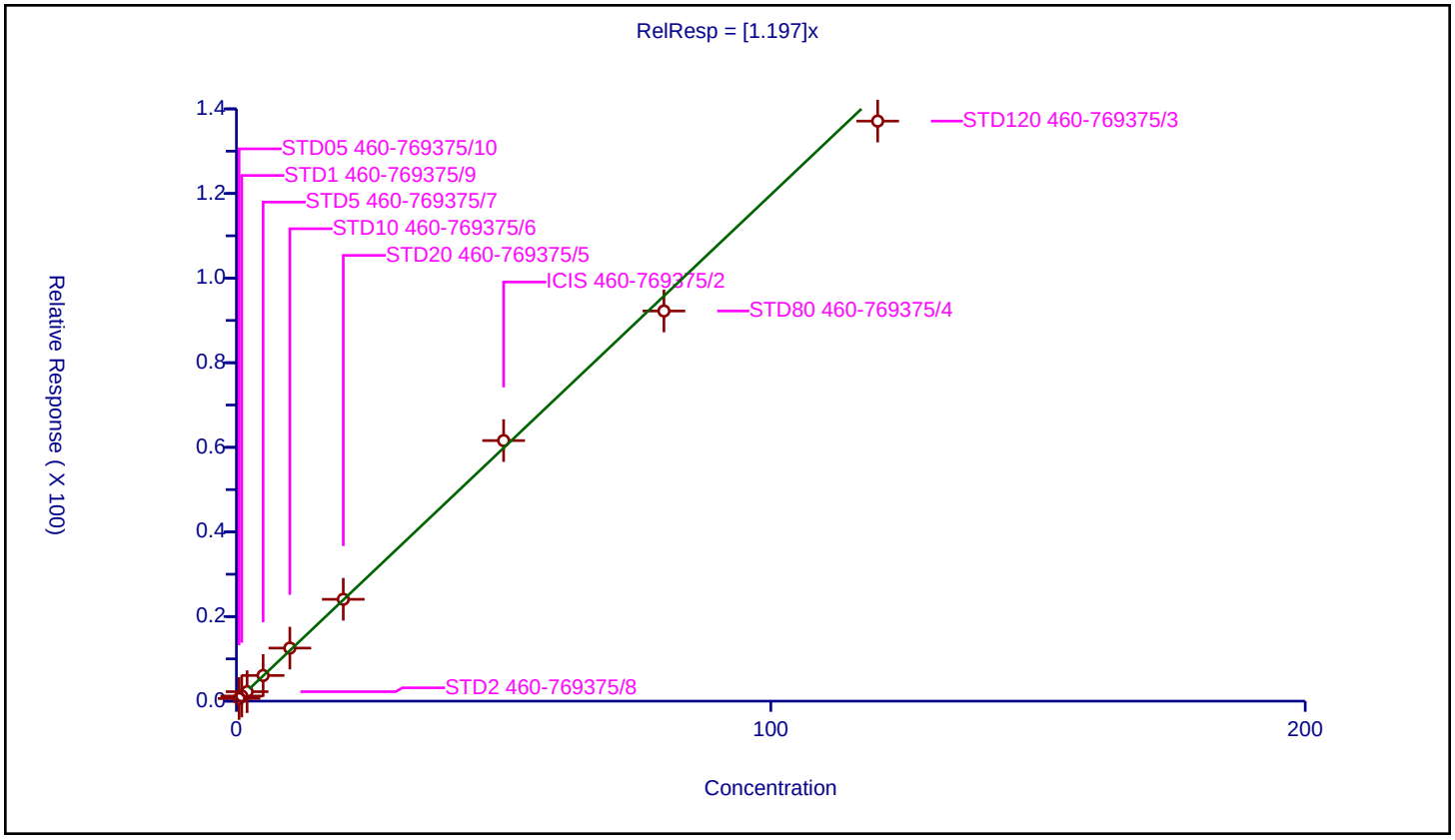
Curve Coefficients

Intercept:	0
Slope:	1.197

Error Coefficients

Standard Error:	176000
Relative Standard Error:	4.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.620398	40.0	113411.0	1.240797	Y
2	STD1 460-769375/9	1.0	1.213689	40.0	115186.0	1.213689	Y
3	STD2 460-769375/8	2.0	2.239571	40.0	114772.0	1.119785	Y
4	STD5 460-769375/7	5.0	6.065295	40.0	103929.0	1.213059	Y
5	STD10 460-769375/6	10.0	12.54713	40.0	107521.0	1.254713	Y
6	STD20 460-769375/5	20.0	24.073632	40.0	119839.0	1.203682	Y
7	ICIS 460-769375/2	50.0	61.596603	40.0	113040.0	1.231932	Y
8	STD80 460-769375/4	80.0	92.226542	40.0	109578.0	1.152832	Y
9	STD120 460-769375/3	120.0	137.116504	40.0	111455.0	1.142638	Y



Calibration / 2-Chlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

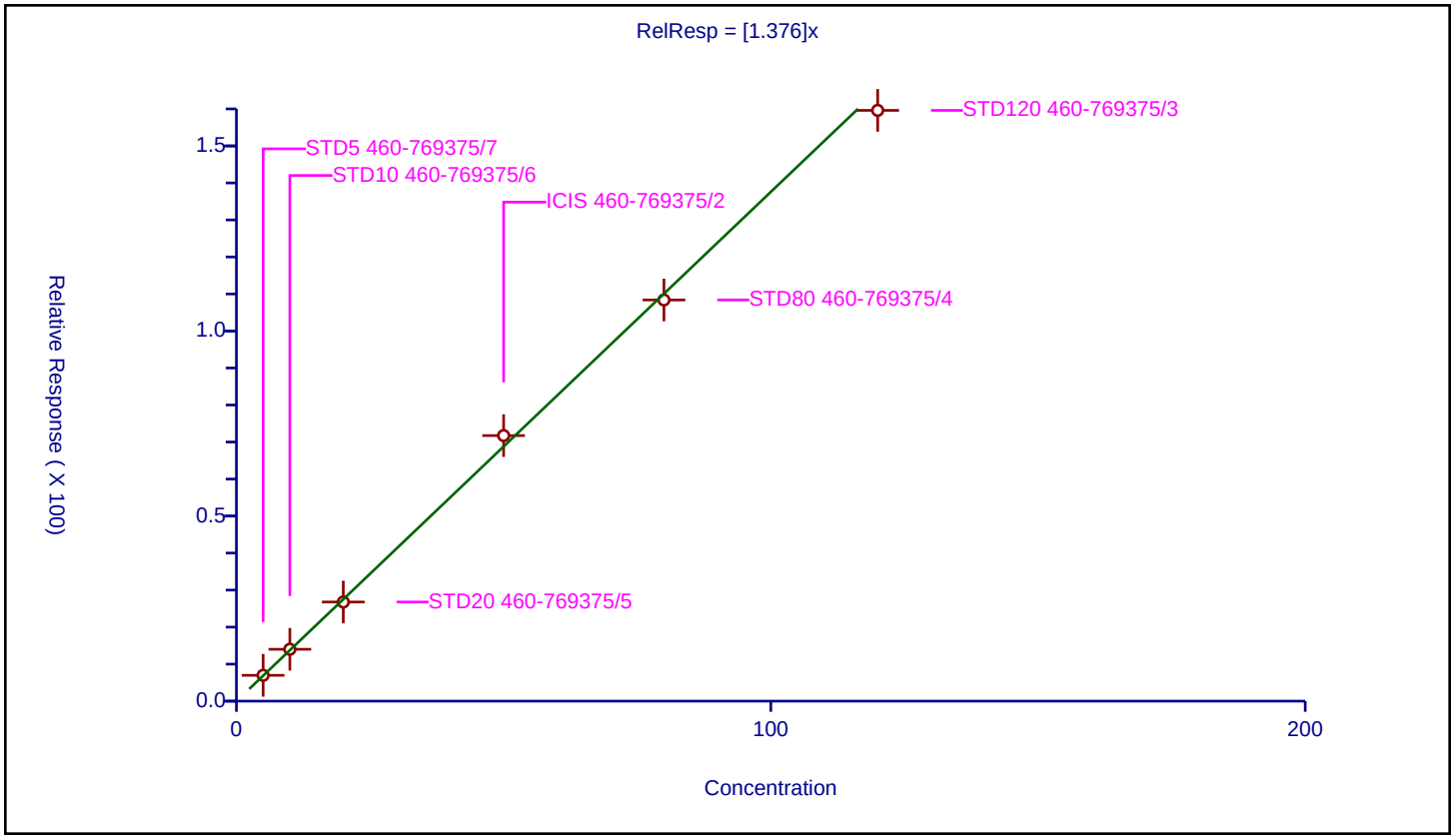
Curve Coefficients

Intercept:	0
Slope:	1.376

Error Coefficients

Standard Error:	259000
Relative Standard Error:	3.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	6.973992	40.0	103929.0	1.394798	Y
2	STD10 460-769375/6	10.0	14.012518	40.0	107521.0	1.401252	Y
3	STD20 460-769375/5	20.0	26.774923	40.0	119839.0	1.338746	Y
4	ICIS 460-769375/2	50.0	71.741331	40.0	113040.0	1.434827	Y
5	STD80 460-769375/4	80.0	108.378689	40.0	109578.0	1.354734	Y
6	STD120 460-769375/3	120.0	159.599838	40.0	111455.0	1.329999	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

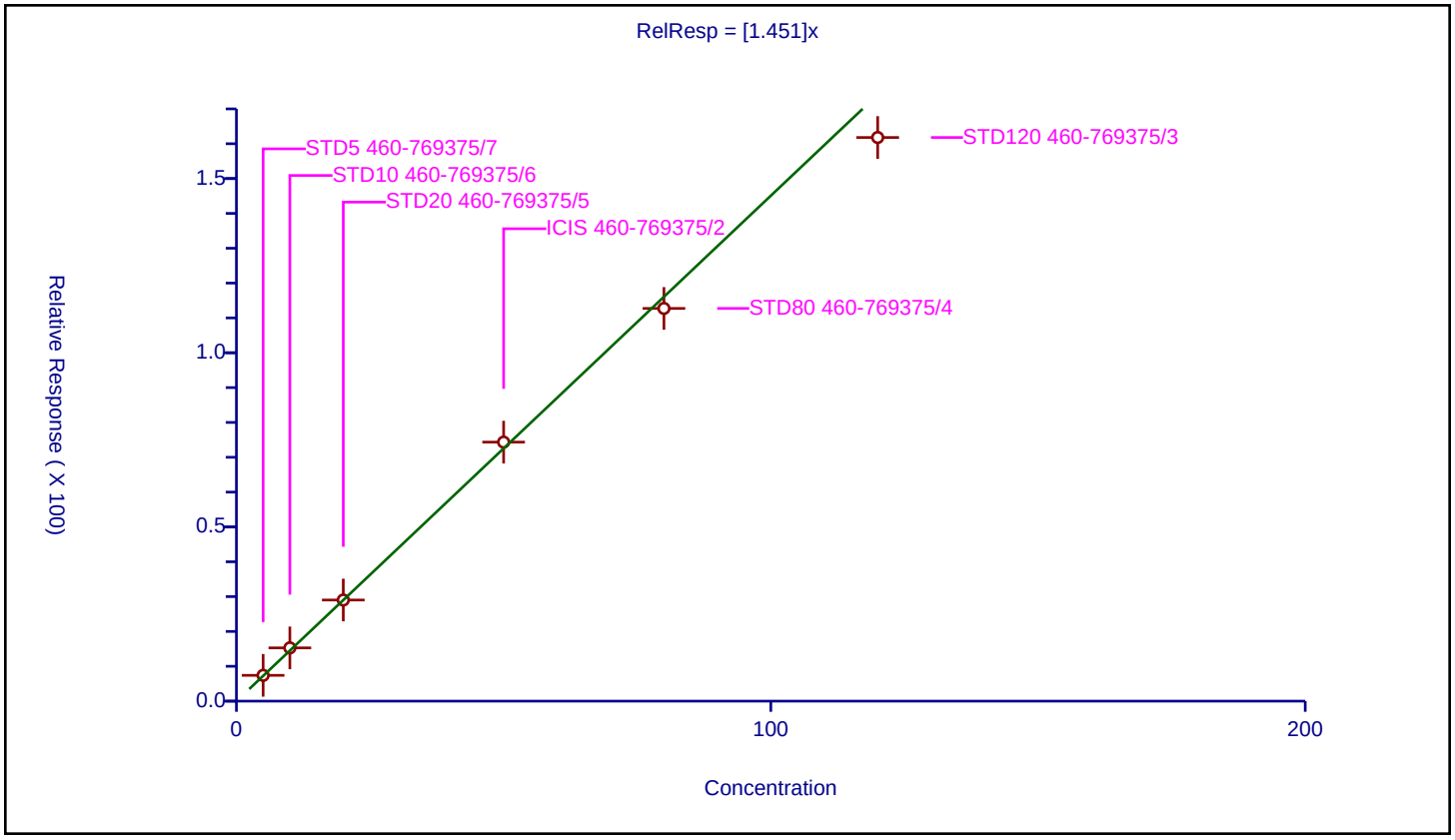
Curve Coefficients

Intercept:	0
Slope:	1.451

Error Coefficients

Standard Error:	265000
Relative Standard Error:	4.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	7.400822	40.0	103929.0	1.480164	Y
2	STD10 460-769375/6	10.0	15.288548	40.0	107521.0	1.528855	Y
3	STD20 460-769375/5	20.0	29.02828	40.0	119839.0	1.451414	Y
4	ICIS 460-769375/2	50.0	74.349257	40.0	113040.0	1.486985	Y
5	STD80 460-769375/4	80.0	112.719341	40.0	109578.0	1.408992	Y
6	STD120 460-769375/3	120.0	161.786551	40.0	111455.0	1.348221	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

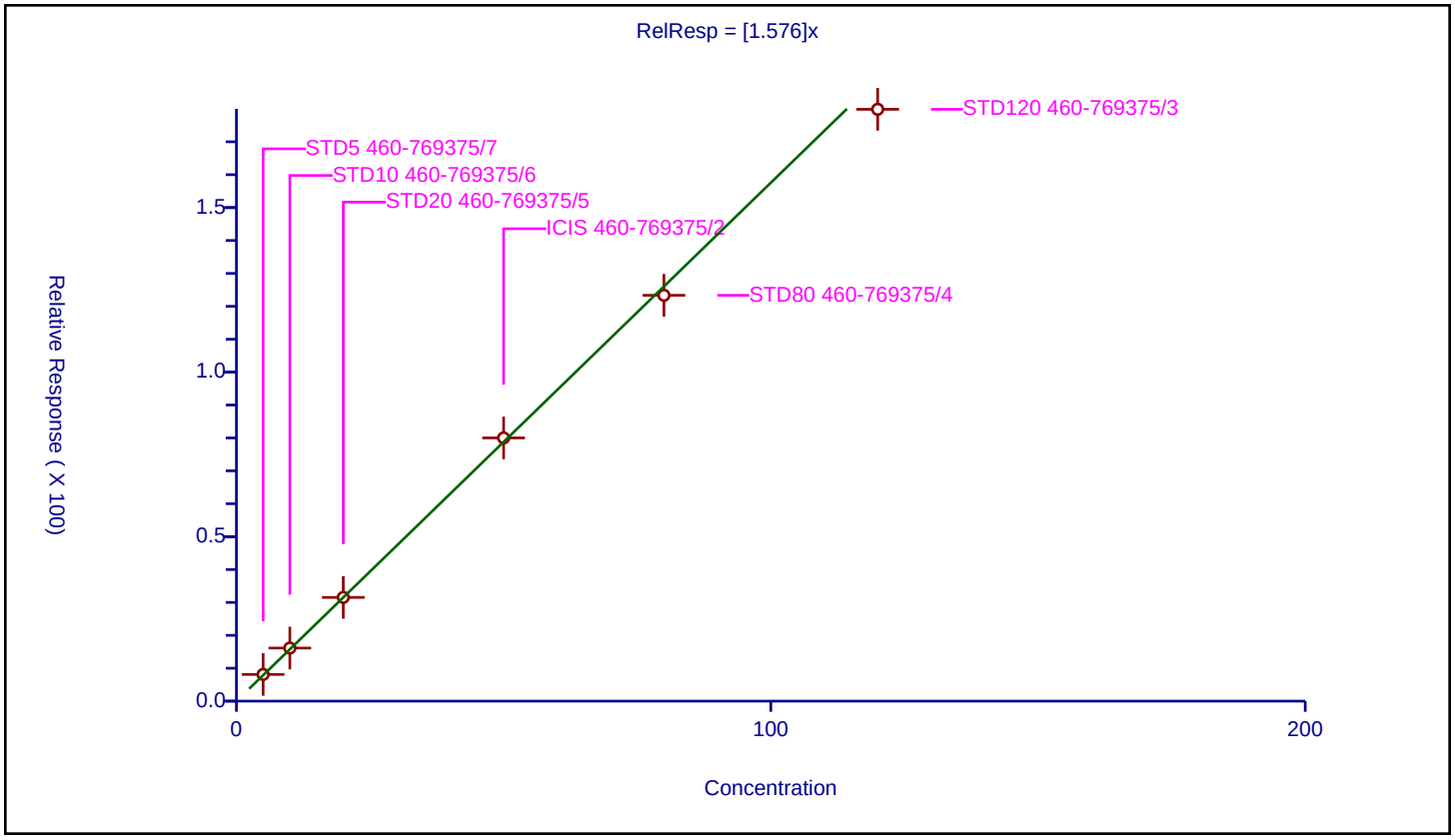
Curve Coefficients

Intercept:	0
Slope:	1.576

Error Coefficients

Standard Error:	292000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	8.112461	40.0	103929.0	1.622492	Y
2	STD10 460-769375/6	10.0	16.137871	40.0	107521.0	1.613787	Y
3	STD20 460-769375/5	20.0	31.527633	40.0	119839.0	1.576382	Y
4	ICIS 460-769375/2	50.0	80.003539	40.0	113040.0	1.600071	Y
5	STD80 460-769375/4	80.0	123.346292	40.0	109578.0	1.541829	Y
6	STD120 460-769375/3	120.0	179.871338	40.0	111455.0	1.498928	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

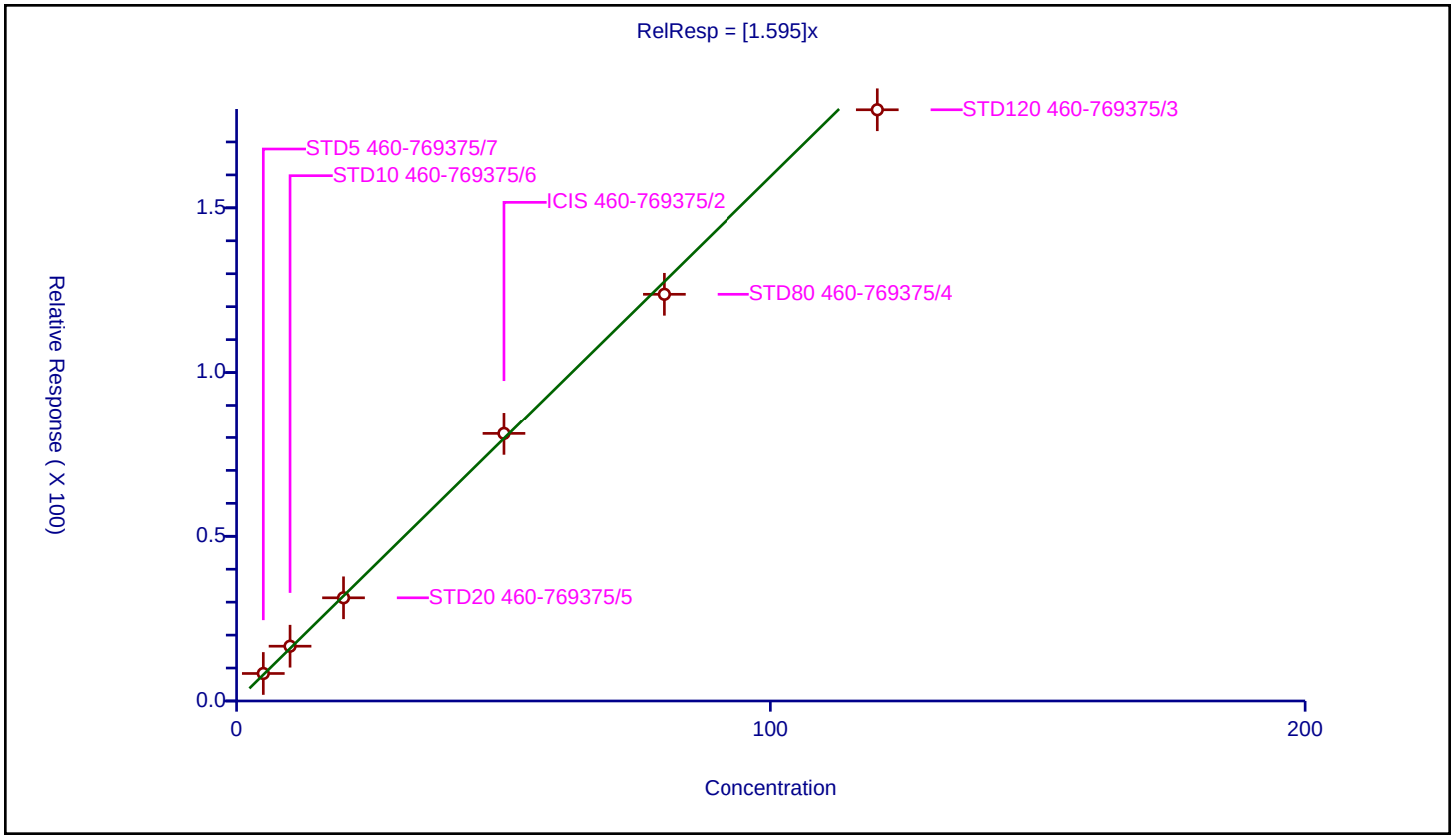
Curve Coefficients

Intercept:	0
Slope:	1.595

Error Coefficients

Standard Error:	293000
Relative Standard Error:	4.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	8.35224	40.0	103929.0	1.670448	Y
2	STD10 460-769375/6	10.0	16.630426	40.0	107521.0	1.663043	Y
3	STD20 460-769375/5	20.0	31.320021	40.0	119839.0	1.566001	Y
4	ICIS 460-769375/2	50.0	81.237438	40.0	113040.0	1.624749	Y
5	STD80 460-769375/4	80.0	123.755498	40.0	109578.0	1.546944	Y
6	STD120 460-769375/3	120.0	179.773361	40.0	111455.0	1.498111	Y



Calibration / Benzyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

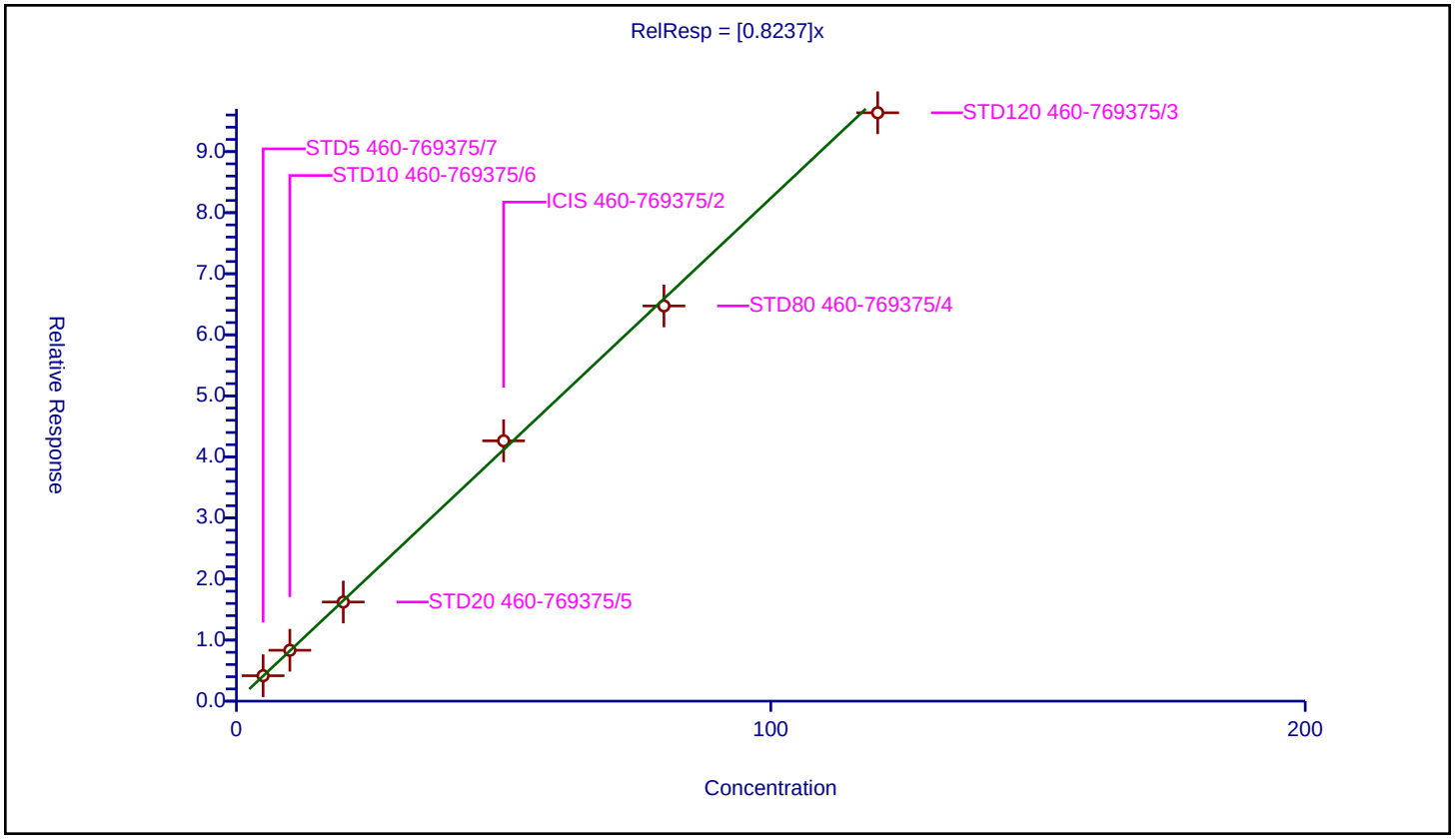
Curve Coefficients

Intercept:	0
Slope:	0.8237

Error Coefficients

Standard Error:	156000
Relative Standard Error:	2.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	4.163612	40.0	103929.0	0.832722	Y
2	STD10 460-769375/6	10.0	8.331768	40.0	107521.0	0.833177	Y
3	STD20 460-769375/5	20.0	16.232445	40.0	119839.0	0.811622	Y
4	ICIS 460-769375/2	50.0	42.635527	40.0	113040.0	0.852711	Y
5	STD80 460-769375/4	80.0	64.729782	40.0	109578.0	0.809122	Y
6	STD120 460-769375/3	120.0	96.364631	40.0	111455.0	0.803039	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

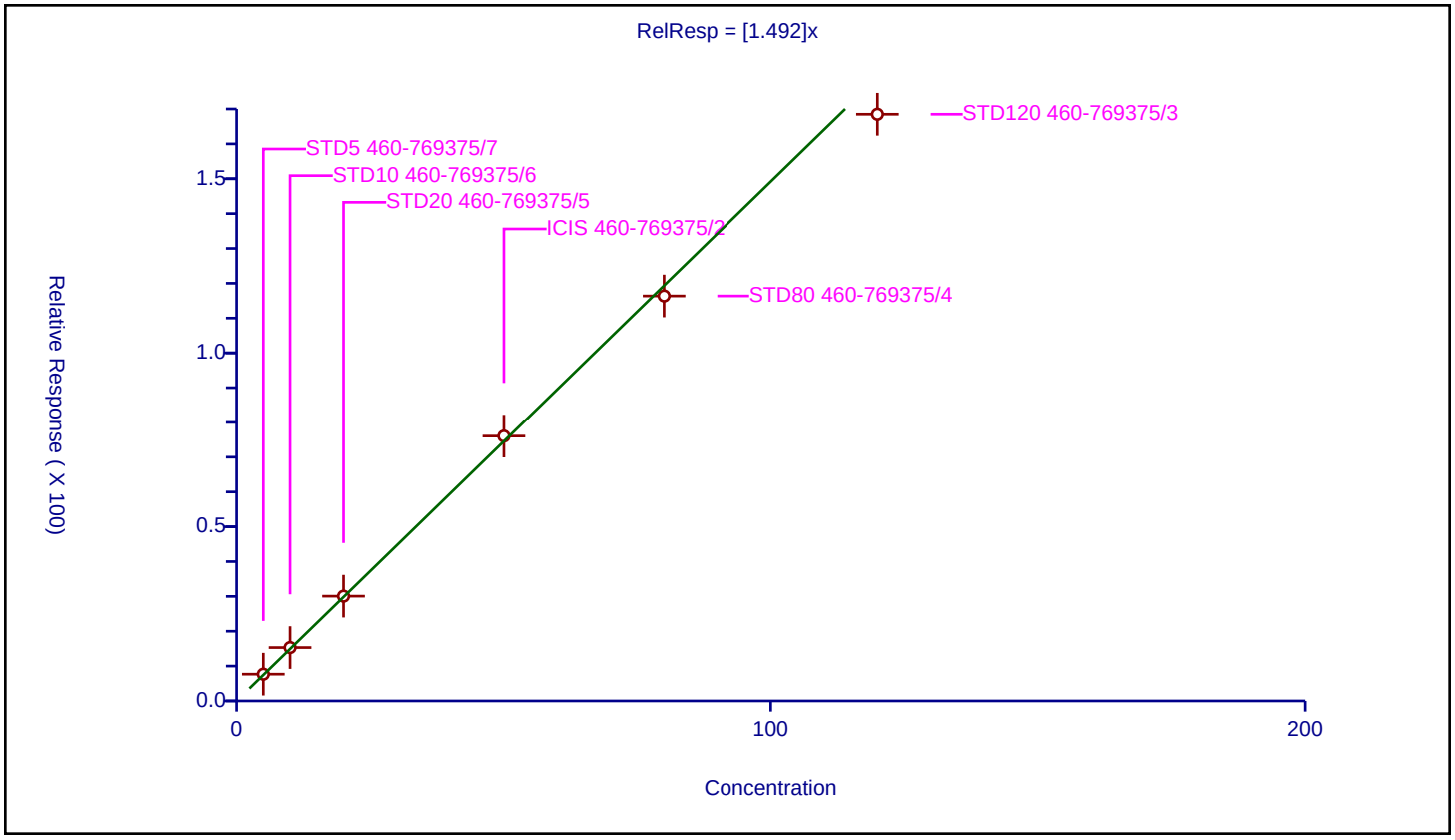
Curve Coefficients

Intercept:	0
Slope:	1.492

Error Coefficients

Standard Error:	275000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	7.67601	40.0	103929.0	1.535202	Y
2	STD10 460-769375/6	10.0	15.316822	40.0	107521.0	1.531682	Y
3	STD20 460-769375/5	20.0	30.07435	40.0	119839.0	1.503717	Y
4	ICIS 460-769375/2	50.0	76.065464	40.0	113040.0	1.521309	Y
5	STD80 460-769375/4	80.0	116.356568	40.0	109578.0	1.454457	Y
6	STD120 460-769375/3	120.0	168.488448	40.0	111455.0	1.40407	Y



Calibration / 2-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

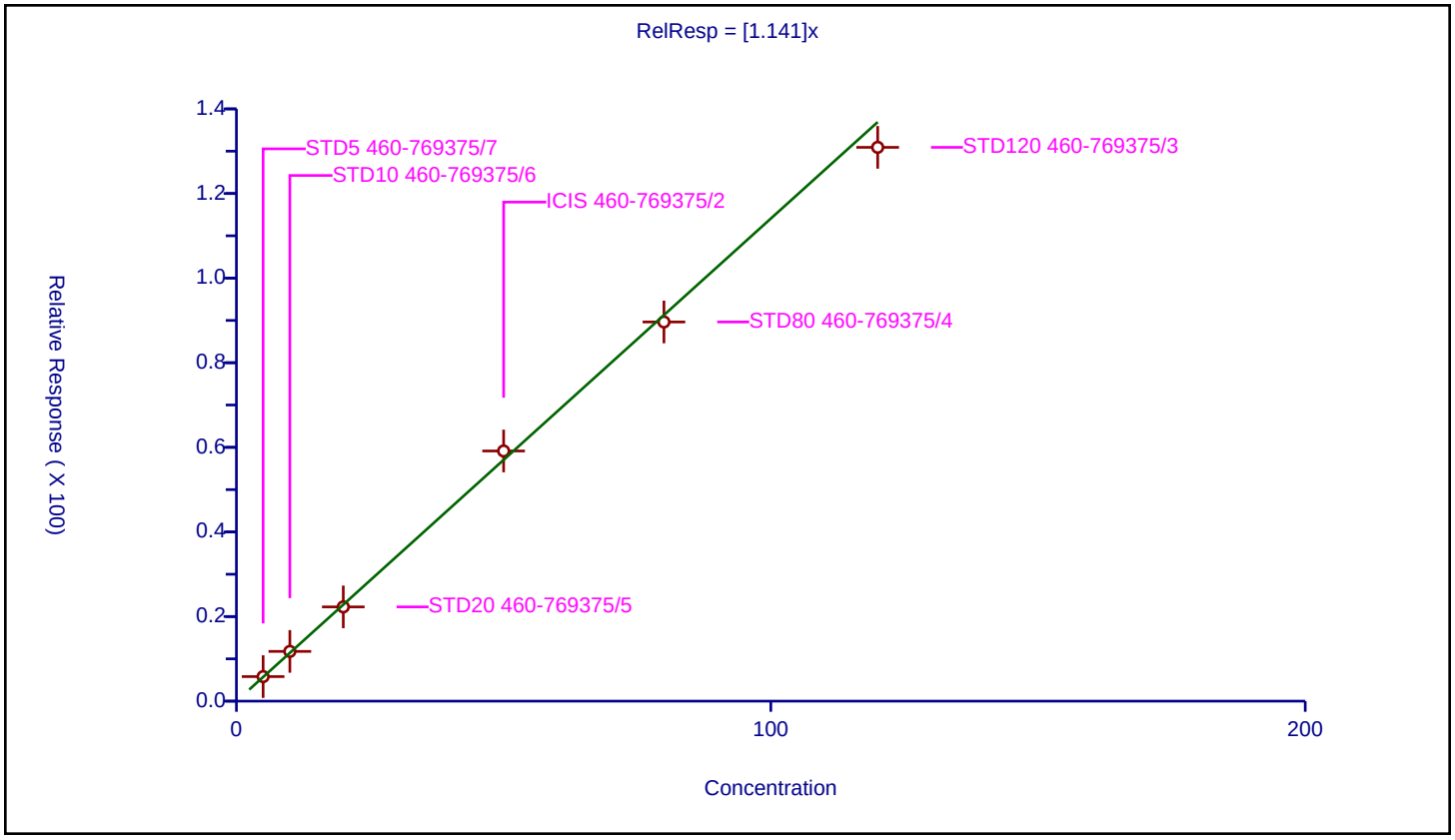
Curve Coefficients

Intercept:	0
Slope:	1.141

Error Coefficients

Standard Error:	213000
Relative Standard Error:	3.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	5.803193	40.0	103929.0	1.160639	Y
2	STD10 460-769375/6	10.0	11.756587	40.0	107521.0	1.175659	Y
3	STD20 460-769375/5	20.0	22.278557	40.0	119839.0	1.113928	Y
4	ICIS 460-769375/2	50.0	59.135173	40.0	113040.0	1.182703	Y
5	STD80 460-769375/4	80.0	89.632956	40.0	109578.0	1.120412	Y
6	STD120 460-769375/3	120.0	130.907362	40.0	111455.0	1.090895	Y



Calibration / 2,2'-oxybis[1-chloropropane]

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

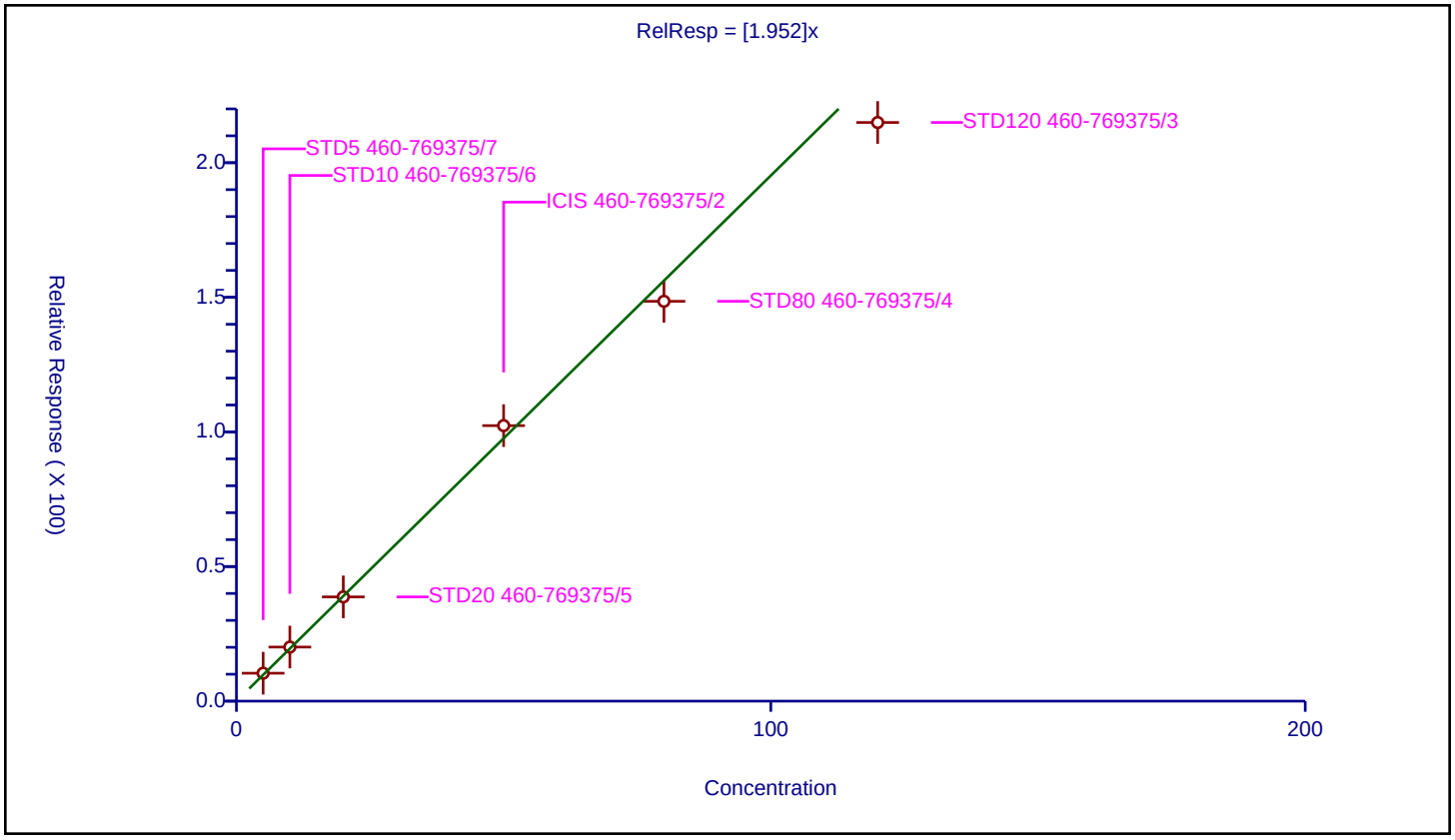
Curve Coefficients

Intercept:	0
Slope:	1.952

Error Coefficients

Standard Error:	353000
Relative Standard Error:	5.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	10.370157	40.0	103929.0	2.074031	Y
2	STD10 460-769375/6	10.0	20.093191	40.0	107521.0	2.009319	Y
3	STD20 460-769375/5	20.0	38.713941	40.0	119839.0	1.935697	Y
4	ICIS 460-769375/2	50.0	102.340764	40.0	113040.0	2.046815	Y
5	STD80 460-769375/4	80.0	148.5331	40.0	109578.0	1.856664	Y
6	STD120 460-769375/3	120.0	214.951685	40.0	111455.0	1.791264	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

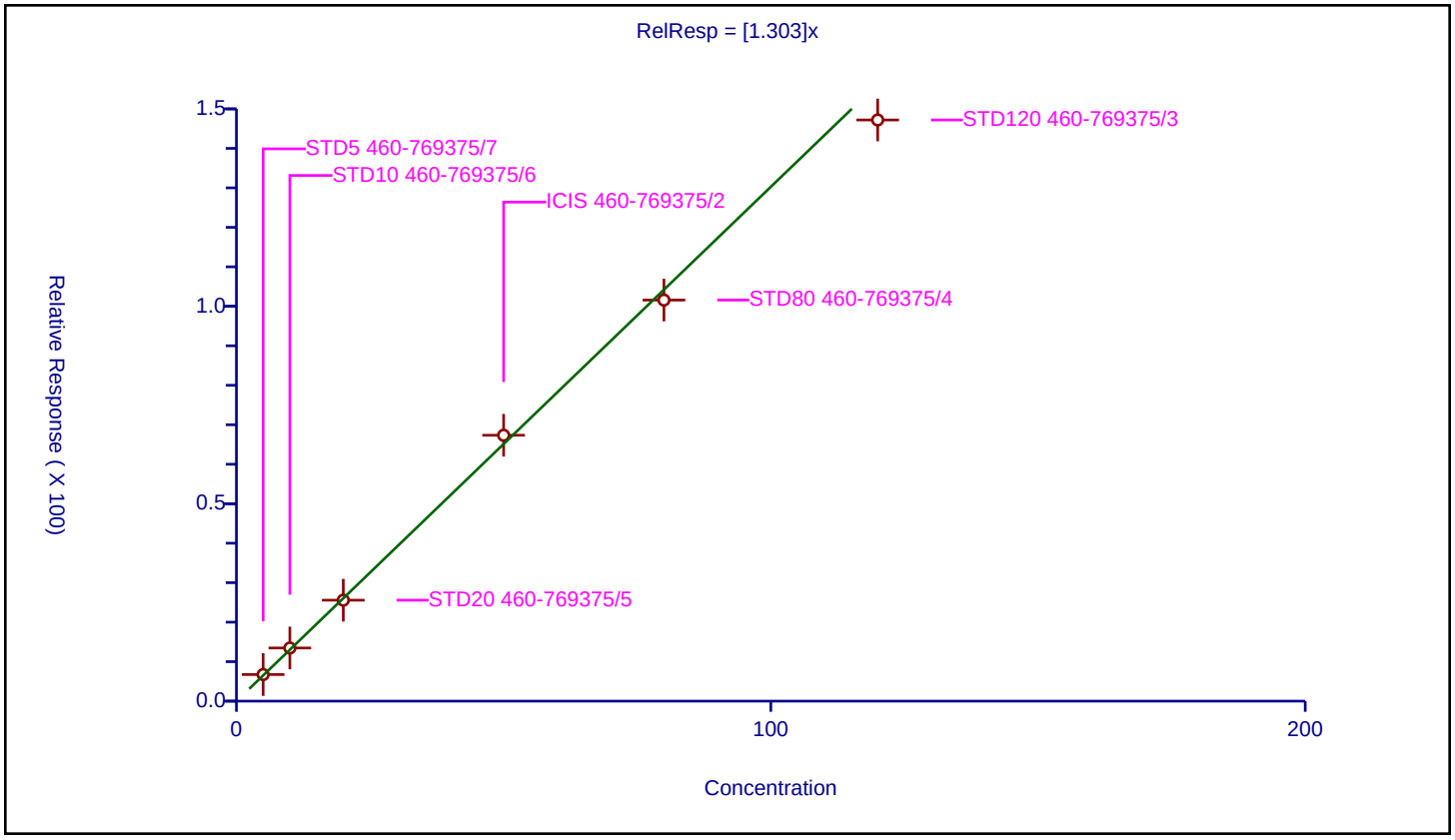
Curve Coefficients

Intercept:	0
Slope:	1.303

Error Coefficients

Standard Error:	240000
Relative Standard Error:	4.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	6.738831	40.0	103929.0	1.347766	Y
2	STD10 460-769375/6	10.0	13.458208	40.0	107521.0	1.345821	Y
3	STD20 460-769375/5	20.0	25.570974	40.0	119839.0	1.278549	Y
4	ICIS 460-769375/2	50.0	67.343241	40.0	113040.0	1.346865	Y
5	STD80 460-769375/4	80.0	101.580609	40.0	109578.0	1.269758	Y
6	STD120 460-769375/3	120.0	147.194114	40.0	111455.0	1.226618	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

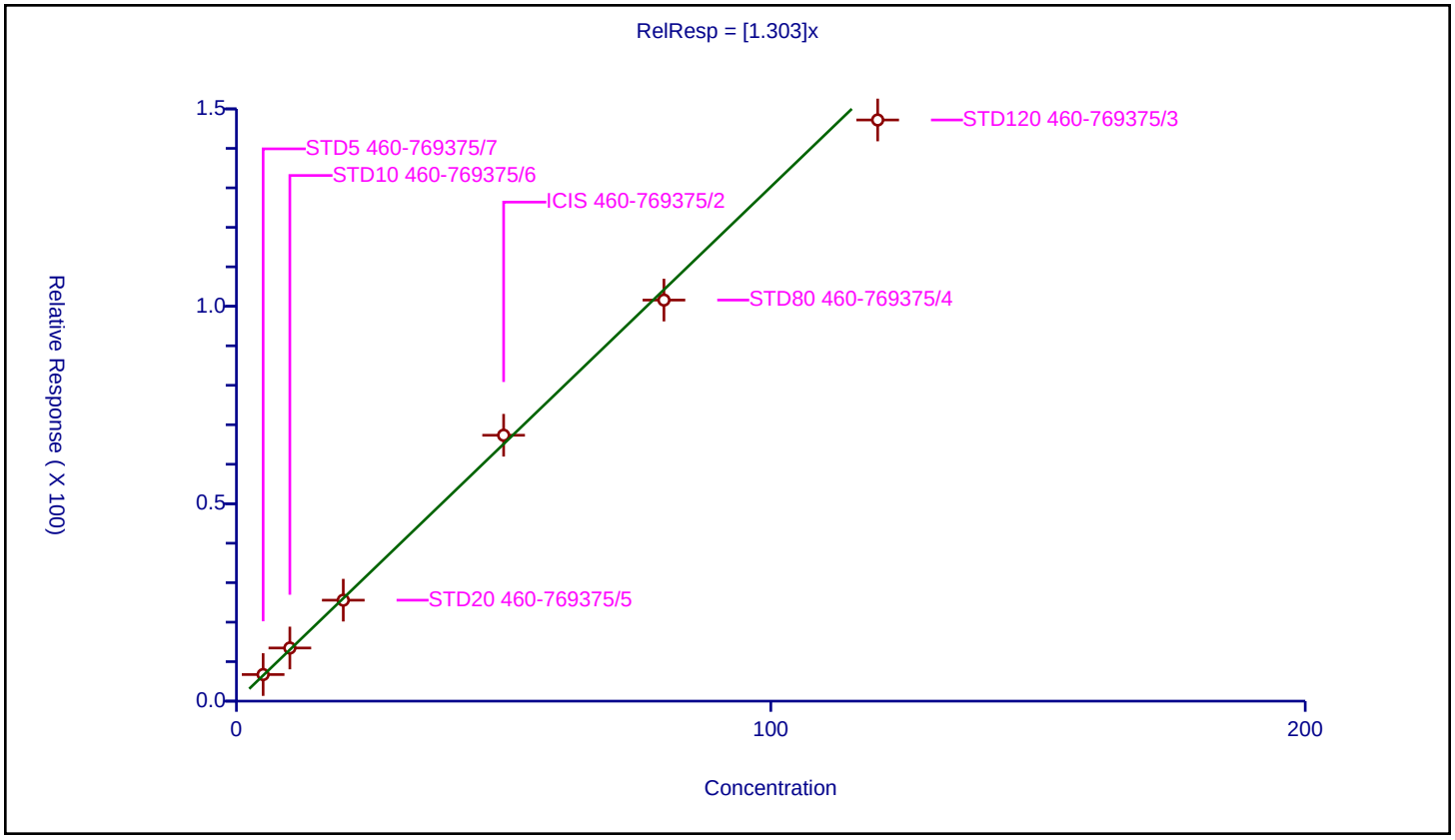
Curve Coefficients

Intercept:	0
Slope:	1.303

Error Coefficients

Standard Error:	240000
Relative Standard Error:	4.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	6.738831	40.0	103929.0	1.347766	Y
2	STD10 460-769375/6	10.0	13.458208	40.0	107521.0	1.345821	Y
3	STD20 460-769375/5	20.0	25.570974	40.0	119839.0	1.278549	Y
4	ICIS 460-769375/2	50.0	67.343241	40.0	113040.0	1.346865	Y
5	STD80 460-769375/4	80.0	101.580609	40.0	109578.0	1.269758	Y
6	STD120 460-769375/3	120.0	147.194114	40.0	111455.0	1.226618	Y



Calibration / N-Methylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

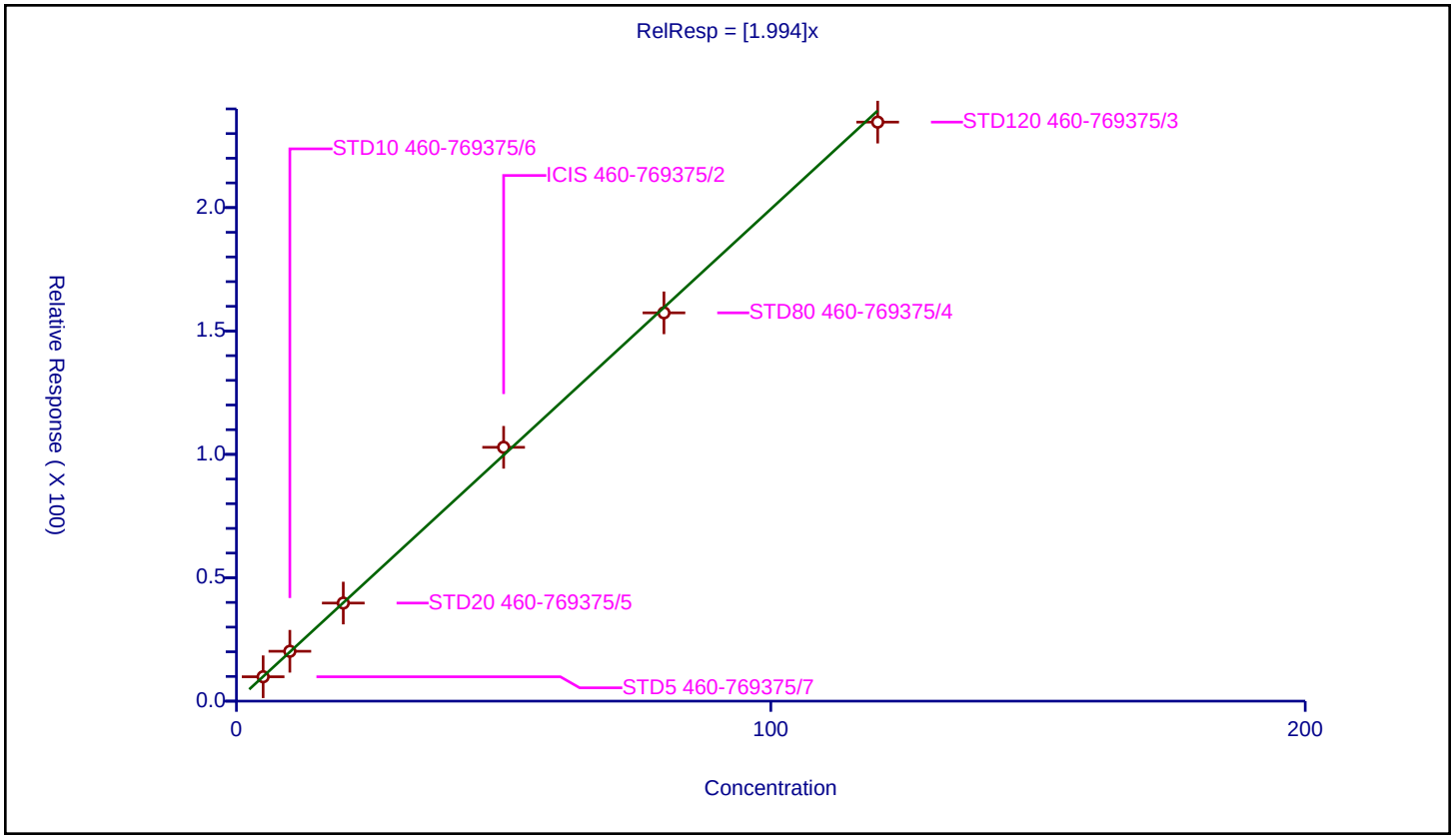
Curve Coefficients

Intercept:	0
Slope:	1.994

Error Coefficients

Standard Error:	378000
Relative Standard Error:	1.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	9.880592	40.0	103929.0	1.976118	Y
2	STD10 460-769375/6	10.0	20.211122	40.0	107521.0	2.021112	Y
3	STD20 460-769375/5	20.0	39.740986	40.0	119839.0	1.987049	Y
4	ICIS 460-769375/2	50.0	102.861996	40.0	113040.0	2.05724	Y
5	STD80 460-769375/4	80.0	157.354213	40.0	109578.0	1.966928	Y
6	STD120 460-769375/3	120.0	234.641784	40.0	111455.0	1.955348	Y



Calibration / Acetophenone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

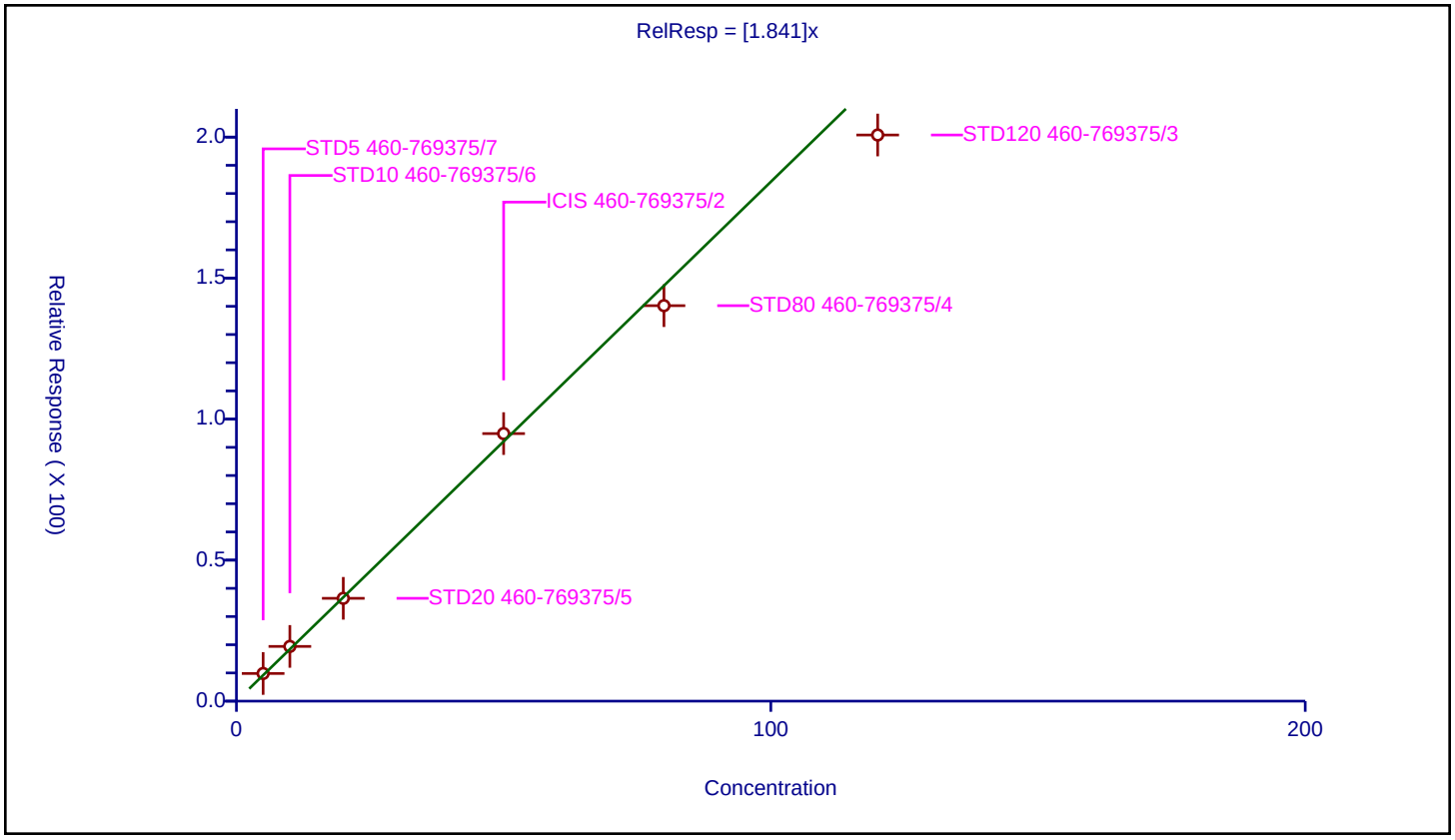
Curve Coefficients

Intercept:	0
Slope:	1.841

Error Coefficients

Standard Error:	331000
Relative Standard Error:	6.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	9.809389	40.0	103929.0	1.961878	Y
2	STD10 460-769375/6	10.0	19.406814	40.0	107521.0	1.940681	Y
3	STD20 460-769375/5	20.0	36.455244	40.0	119839.0	1.822762	Y
4	ICIS 460-769375/2	50.0	94.871904	40.0	113040.0	1.897438	Y
5	STD80 460-769375/4	80.0	140.231798	40.0	109578.0	1.752897	Y
6	STD120 460-769375/3	120.0	200.743977	40.0	111455.0	1.672866	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

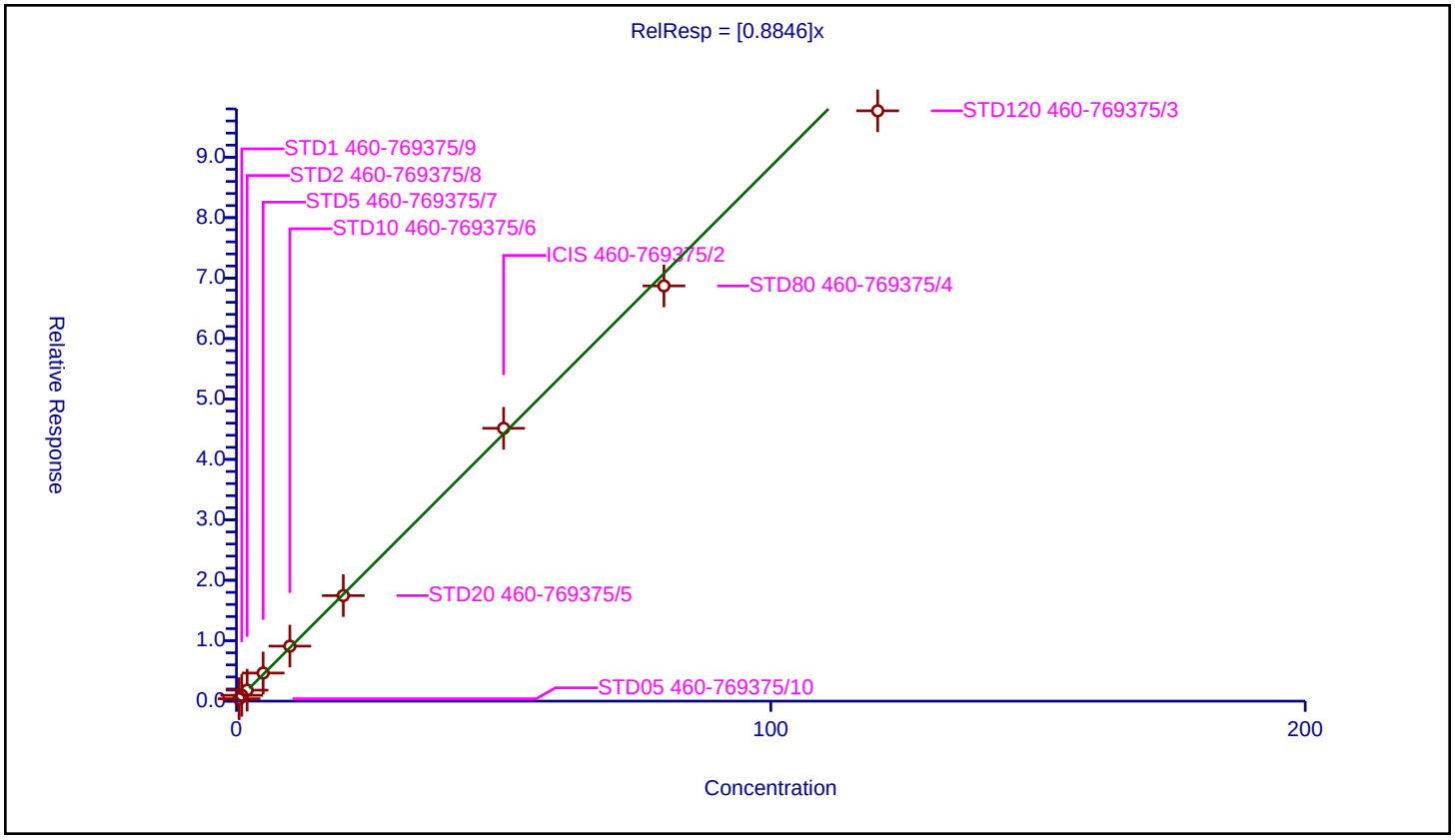
Curve Coefficients

Intercept:	0
Slope:	0.8846

Error Coefficients

Standard Error:	127000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.398198	40.0	113411.0	0.796395	Y
2	STD1 460-769375/9	1.0	0.965742	40.0	115186.0	0.965742	Y
3	STD2 460-769375/8	2.0	1.818562	40.0	114772.0	0.909281	Y
4	STD5 460-769375/7	5.0	4.651252	40.0	103929.0	0.93025	Y
5	STD10 460-769375/6	10.0	9.104454	40.0	107521.0	0.910445	Y
6	STD20 460-769375/5	20.0	17.46343	40.0	119839.0	0.873172	Y
7	ICIS 460-769375/2	50.0	45.148266	40.0	113040.0	0.902965	Y
8	STD80 460-769375/4	80.0	68.713793	40.0	109578.0	0.858922	Y
9	STD120 460-769375/3	120.0	97.683191	40.0	111455.0	0.814027	Y



Calibration / Hexachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

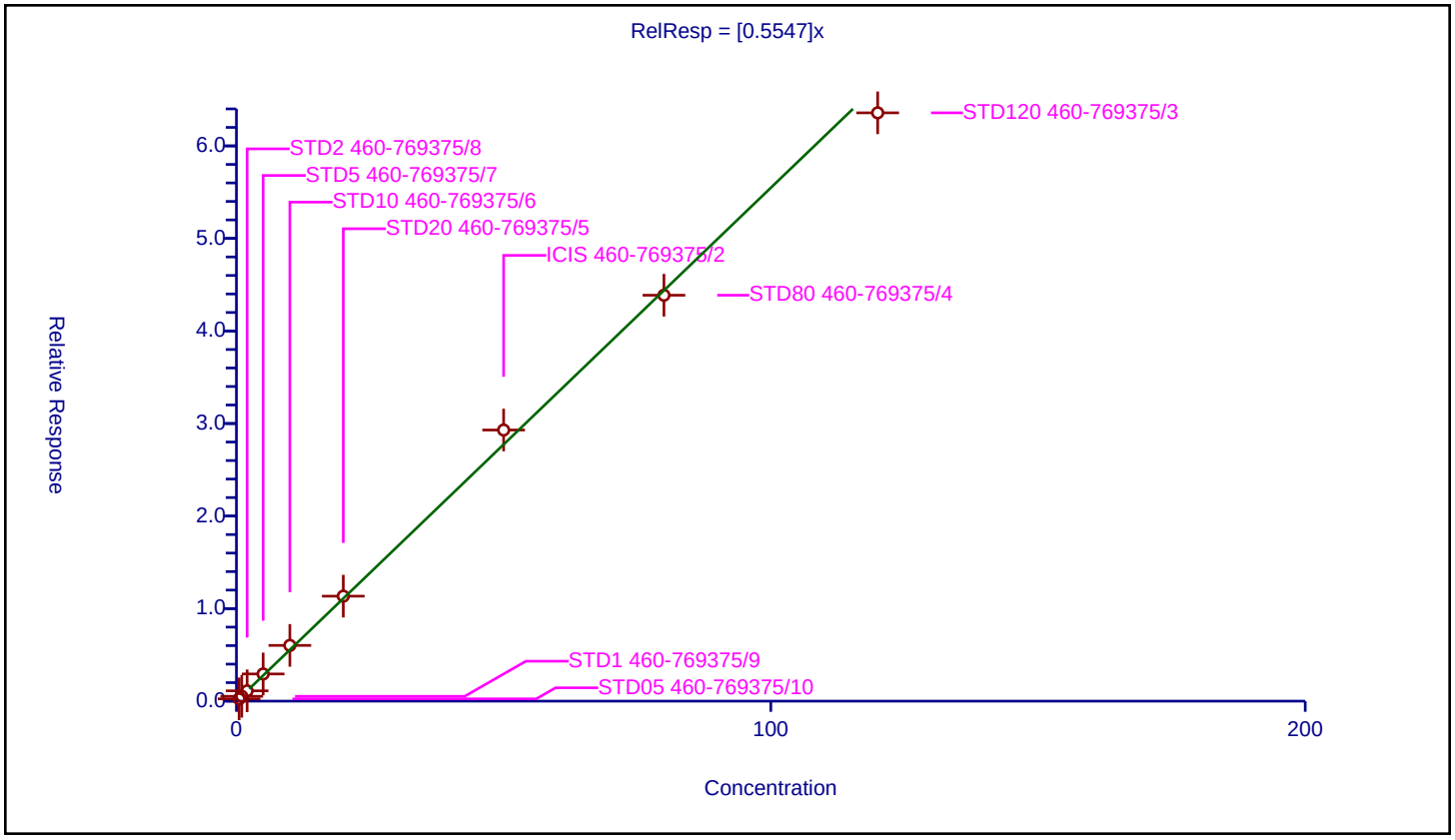
Curve Coefficients

Intercept:	0
Slope:	0.5547

Error Coefficients

Standard Error:	82300
Relative Standard Error:	6.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.246537	40.0	113411.0	0.493074	Y
2	STD1 460-769375/9	1.0	0.52298	40.0	115186.0	0.52298	Y
3	STD2 460-769375/8	2.0	1.111421	40.0	114772.0	0.55571	Y
4	STD5 460-769375/7	5.0	2.936235	40.0	103929.0	0.587247	Y
5	STD10 460-769375/6	10.0	6.023753	40.0	107521.0	0.602375	Y
6	STD20 460-769375/5	20.0	11.343219	40.0	119839.0	0.567161	Y
7	ICIS 460-769375/2	50.0	29.298301	40.0	113040.0	0.585966	Y
8	STD80 460-769375/4	80.0	43.864644	40.0	109578.0	0.548308	Y
9	STD120 460-769375/3	120.0	63.573281	40.0	111455.0	0.529777	Y



Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

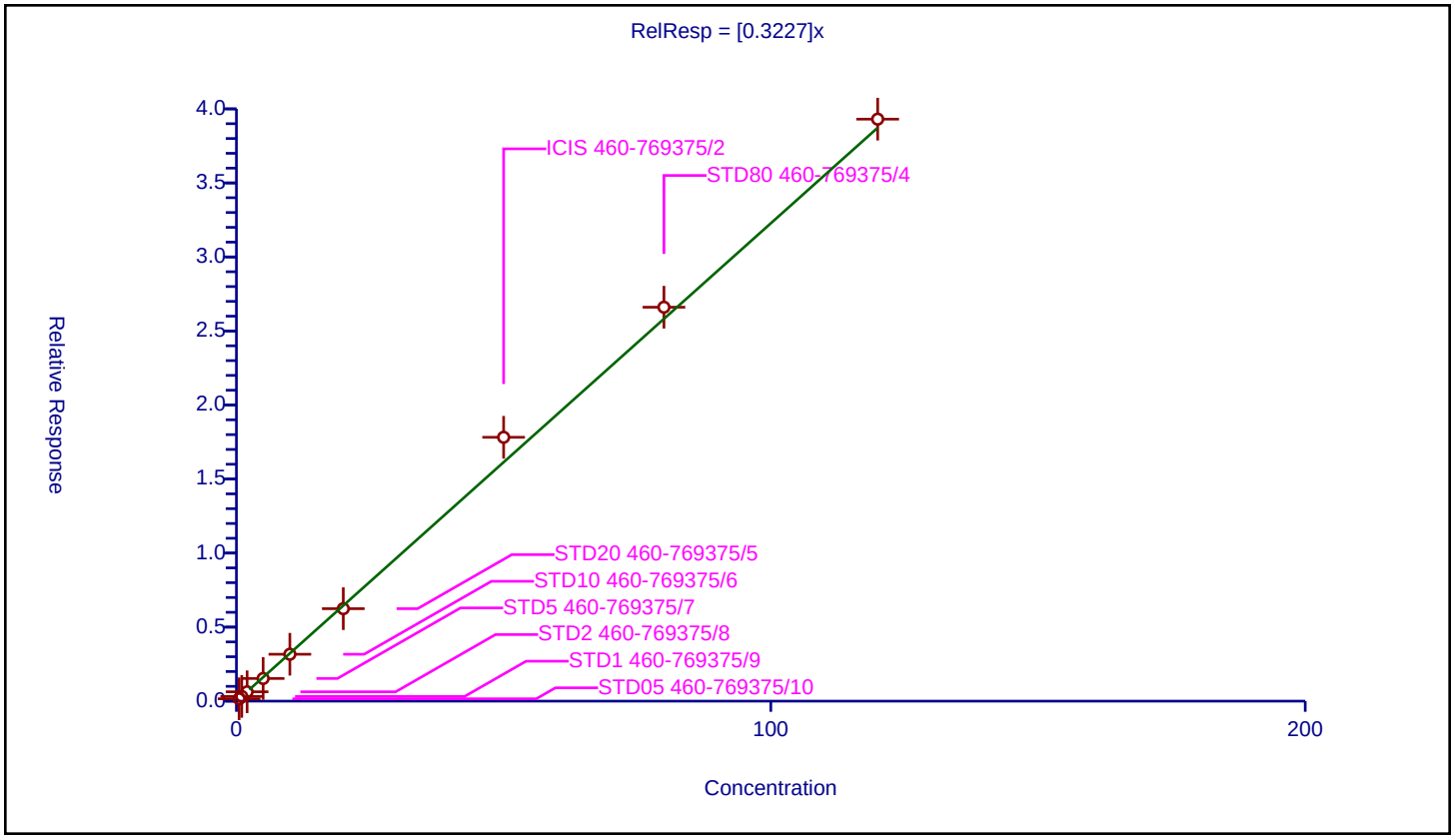
Curve Coefficients

Intercept:	0
Slope:	0.3227

Error Coefficients

Standard Error:	184000
Relative Standard Error:	4.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.158989	40.0	435249.0	0.317979	Y
2	STD1 460-769375/9	1.0	0.31929	40.0	435717.0	0.31929	Y
3	STD2 460-769375/8	2.0	0.631695	40.0	427485.0	0.315847	Y
4	STD5 460-769375/7	5.0	1.530245	40.0	398838.0	0.306049	Y
5	STD10 460-769375/6	10.0	3.166406	40.0	401313.0	0.316641	Y
6	STD20 460-769375/5	20.0	6.244194	40.0	444573.0	0.31221	Y
7	ICIS 460-769375/2	50.0	17.820422	40.0	417824.0	0.356408	Y
8	STD80 460-769375/4	80.0	26.605055	40.0	405768.0	0.332563	Y
9	STD120 460-769375/3	120.0	39.307104	40.0	404909.0	0.327559	Y



Calibration / Nitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

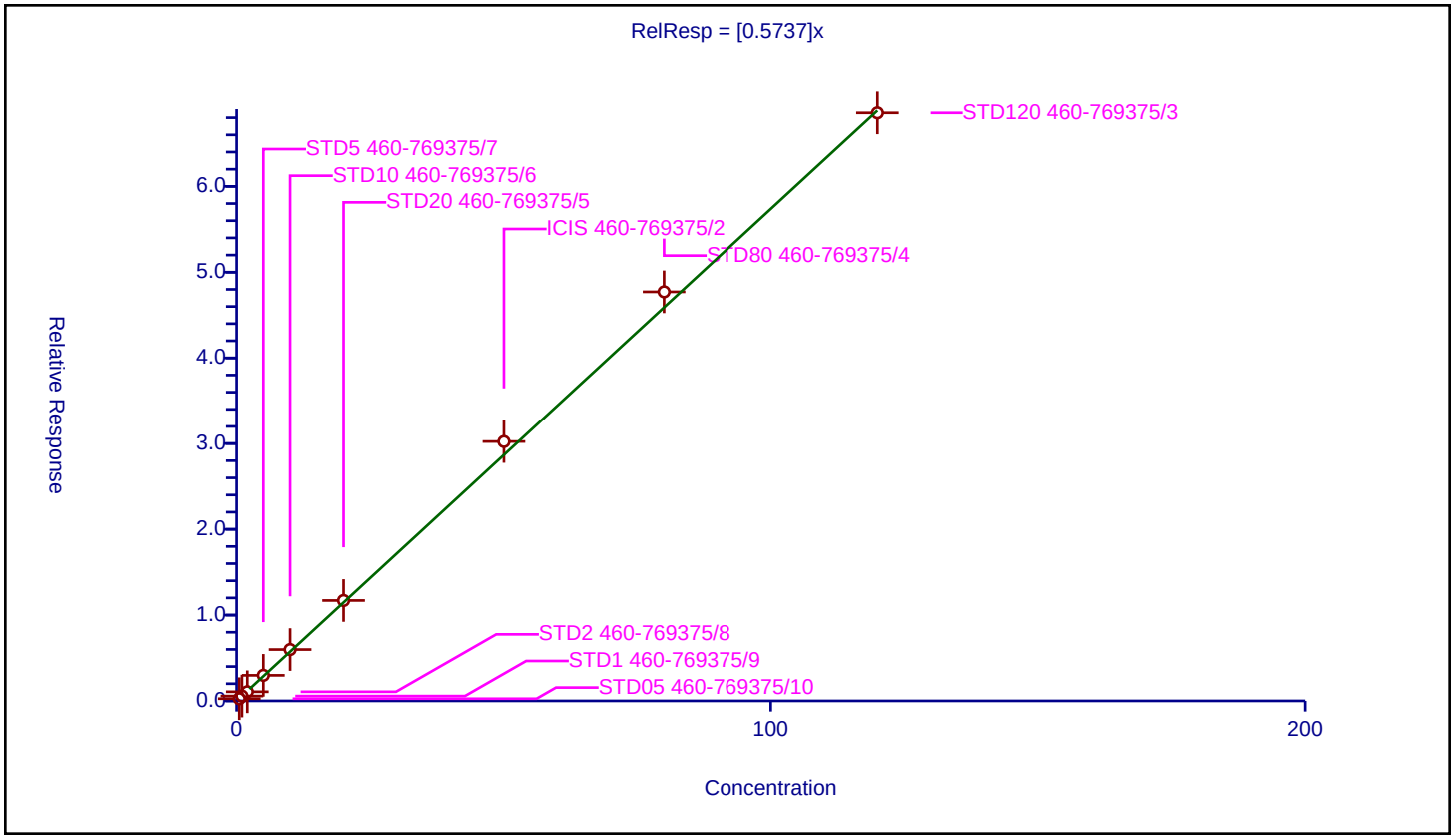
Curve Coefficients

Intercept:	0
Slope:	0.5737

Error Coefficients

Standard Error:	88300
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.256413	40.0	113411.0	0.512825	Y
2	STD1 460-769375/9	1.0	0.566736	40.0	115186.0	0.566736	Y
3	STD2 460-769375/8	2.0	1.063674	40.0	114772.0	0.531837	Y
4	STD5 460-769375/7	5.0	2.978572	40.0	103929.0	0.595714	Y
5	STD10 460-769375/6	10.0	5.983947	40.0	107521.0	0.598395	Y
6	STD20 460-769375/5	20.0	11.702034	40.0	119839.0	0.585102	Y
7	ICIS 460-769375/2	50.0	30.238854	40.0	113040.0	0.604777	Y
8	STD80 460-769375/4	80.0	47.711767	40.0	109578.0	0.596397	Y
9	STD120 460-769375/3	120.0	68.566507	40.0	111455.0	0.571388	Y



Calibration / n,n'-Dimethylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

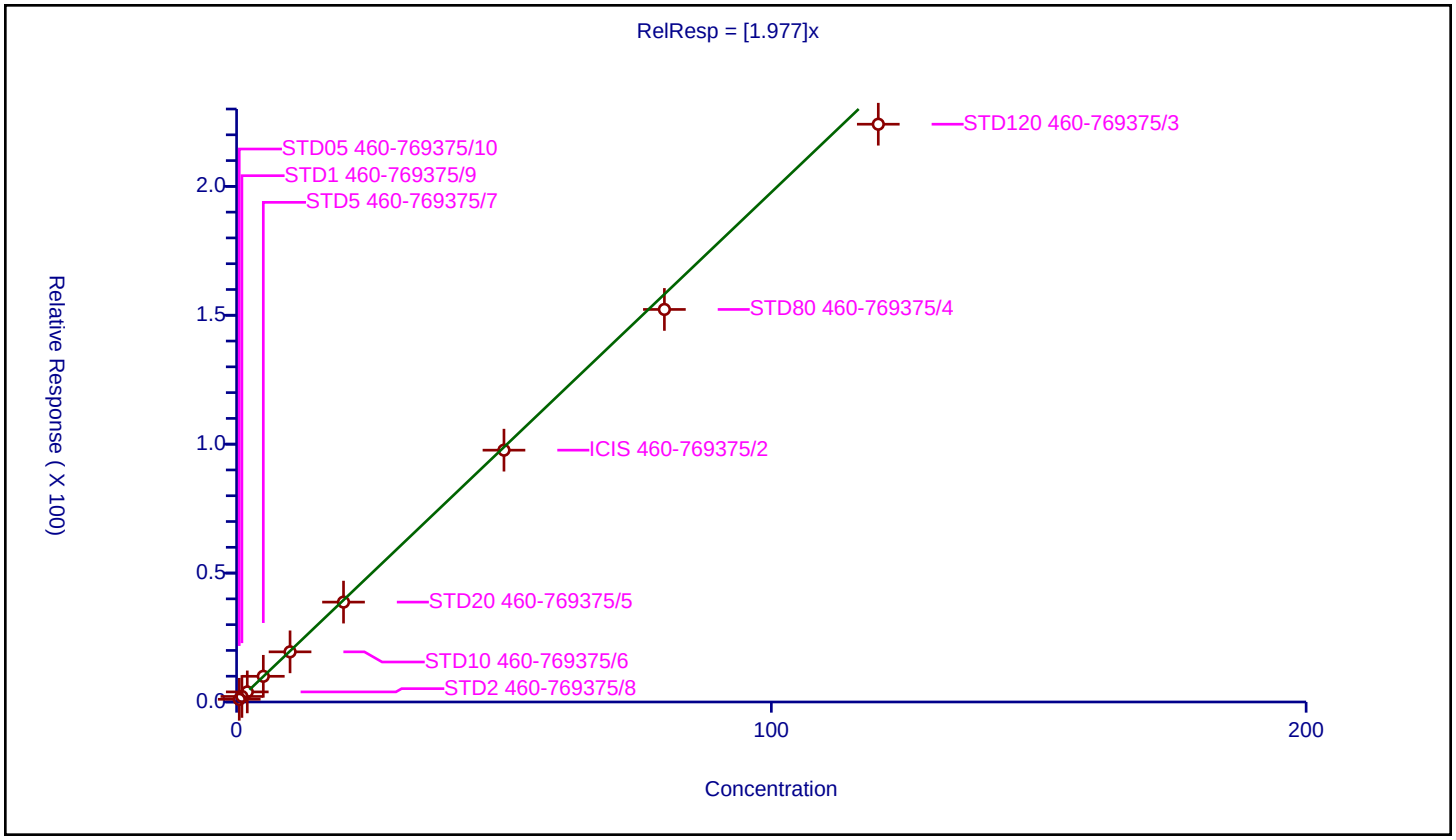
Curve Coefficients

Intercept:	0
Slope:	1.977

Error Coefficients

Standard Error:	287000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	1.045754	40.0	113411.0	2.091508	Y
2	STD1 460-769375/9	1.0	2.1454	40.0	115186.0	2.1454	Y
3	STD2 460-769375/8	2.0	3.91315	40.0	114772.0	1.956575	Y
4	STD5 460-769375/7	5.0	9.968344	40.0	103929.0	1.993669	Y
5	STD10 460-769375/6	10.0	19.446992	40.0	107521.0	1.944699	Y
6	STD20 460-769375/5	20.0	38.741979	40.0	119839.0	1.937099	Y
7	ICIS 460-769375/2	50.0	97.681529	40.0	113040.0	1.953631	Y
8	STD80 460-769375/4	80.0	152.260125	40.0	109578.0	1.903252	Y
9	STD120 460-769375/3	120.0	224.104078	40.0	111455.0	1.867534	Y



Calibration / Isophorone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

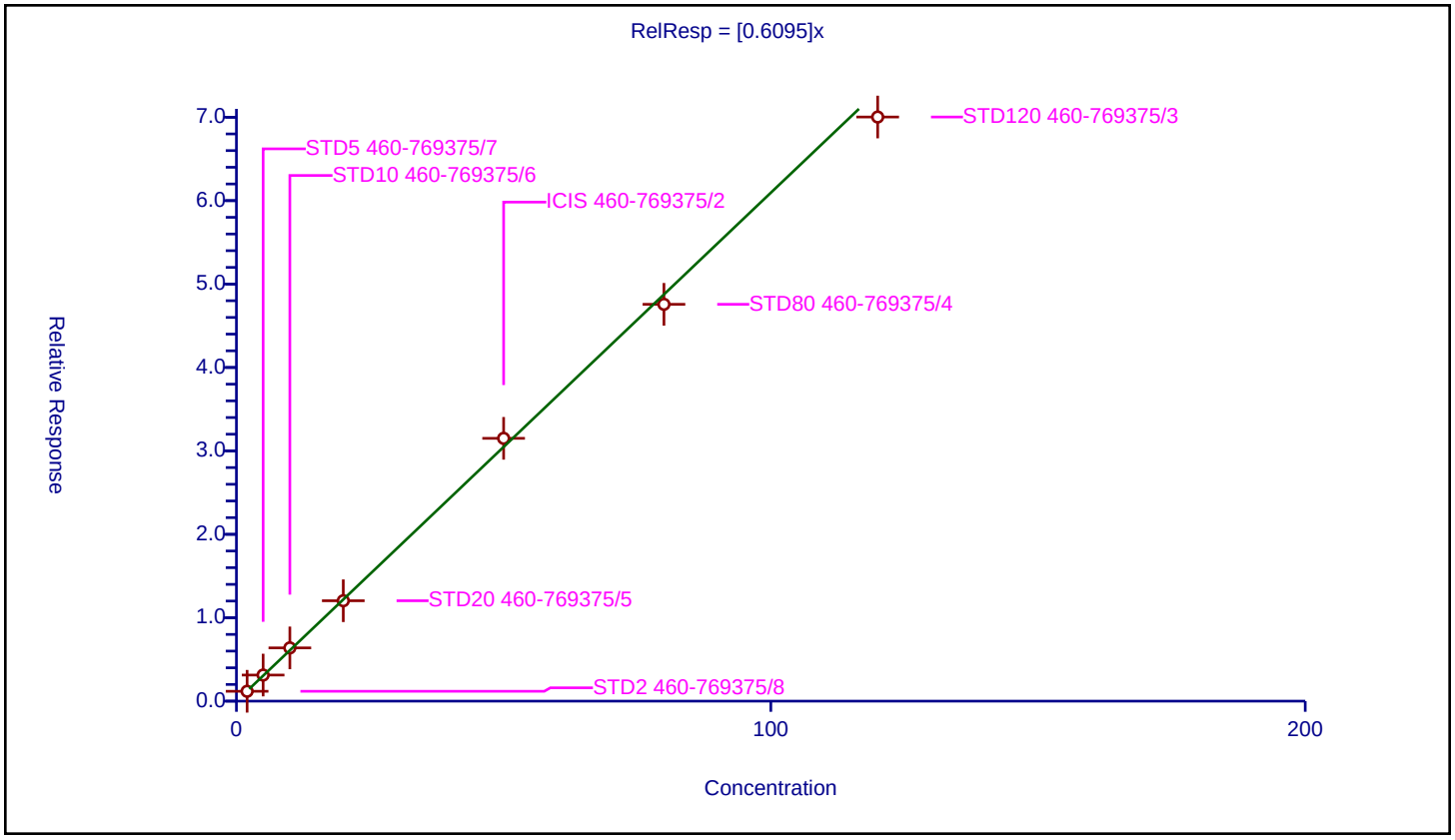
Curve Coefficients

Intercept:	0
Slope:	0.6095

Error Coefficients

Standard Error:	380000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769375/8	2.0	1.184322	40.0	427485.0	0.592161	Y
2	STD5 460-769375/7	5.0	3.127586	40.0	398838.0	0.625517	Y
3	STD10 460-769375/6	10.0	6.38534	40.0	401313.0	0.638534	Y
4	STD20 460-769375/5	20.0	12.034919	40.0	444573.0	0.601746	Y
5	ICIS 460-769375/2	50.0	31.506376	40.0	417824.0	0.630128	Y
6	STD80 460-769375/4	80.0	47.57211	40.0	405768.0	0.594651	Y
7	STD120 460-769375/3	120.0	70.025808	40.0	404909.0	0.583548	Y



Calibration / 2-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

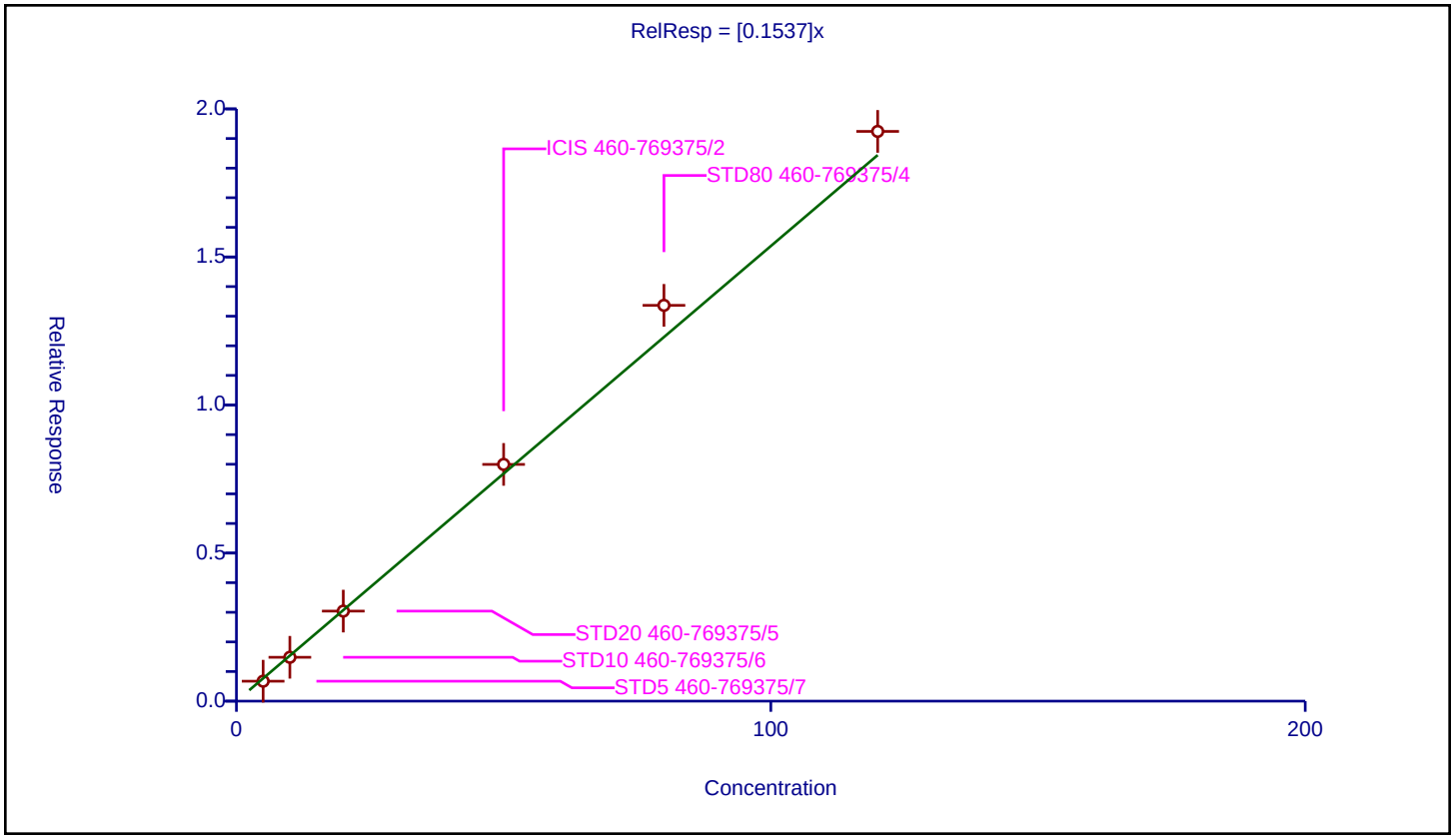
Curve Coefficients

Intercept:	0
Slope:	0.1537

Error Coefficients

Standard Error:	114000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	0.673356	40.0	398838.0	0.134671	Y
2	STD10 460-769375/6	10.0	1.48064	40.0	401313.0	0.148064	Y
3	STD20 460-769375/5	20.0	3.040221	40.0	444573.0	0.152011	Y
4	ICIS 460-769375/2	50.0	7.994275	40.0	417824.0	0.159886	Y
5	STD80 460-769375/4	80.0	13.36547	40.0	405768.0	0.167068	Y
6	STD120 460-769375/3	120.0	19.23978	40.0	404909.0	0.160331	Y



Calibration / 2,4-Dimethylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

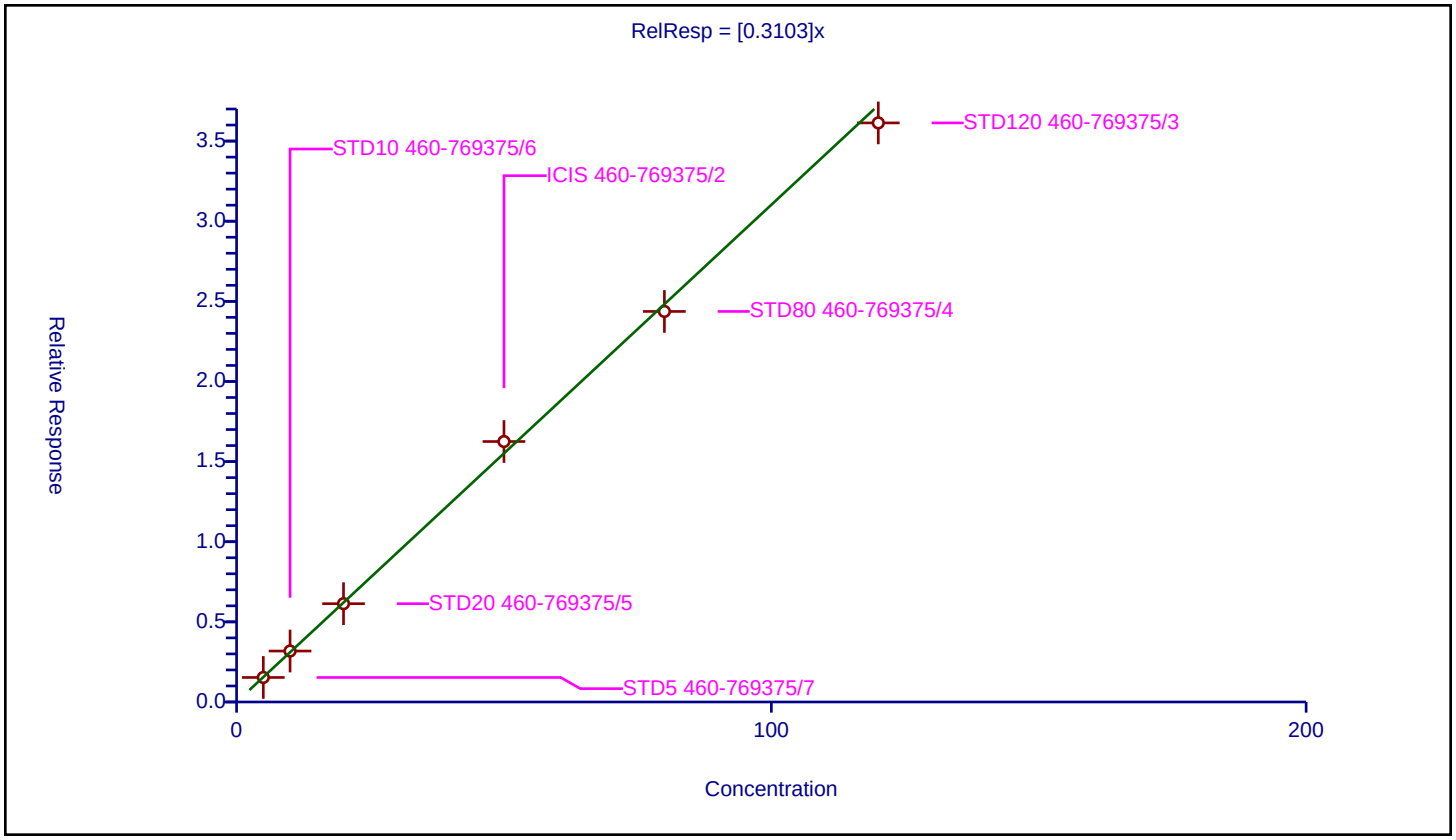
Curve Coefficients

Intercept:	0
Slope:	0.3103

Error Coefficients

Standard Error:	214000
Relative Standard Error:	3.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	1.530446	40.0	398838.0	0.306089	Y
2	STD10 460-769375/6	10.0	3.178965	40.0	401313.0	0.317897	Y
3	STD20 460-769375/5	20.0	6.134786	40.0	444573.0	0.306739	Y
4	ICIS 460-769375/2	50.0	16.253159	40.0	417824.0	0.325063	Y
5	STD80 460-769375/4	80.0	24.368506	40.0	405768.0	0.304606	Y
6	STD120 460-769375/3	120.0	36.13365	40.0	404909.0	0.301114	Y



Calibration / Benzoic acid

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

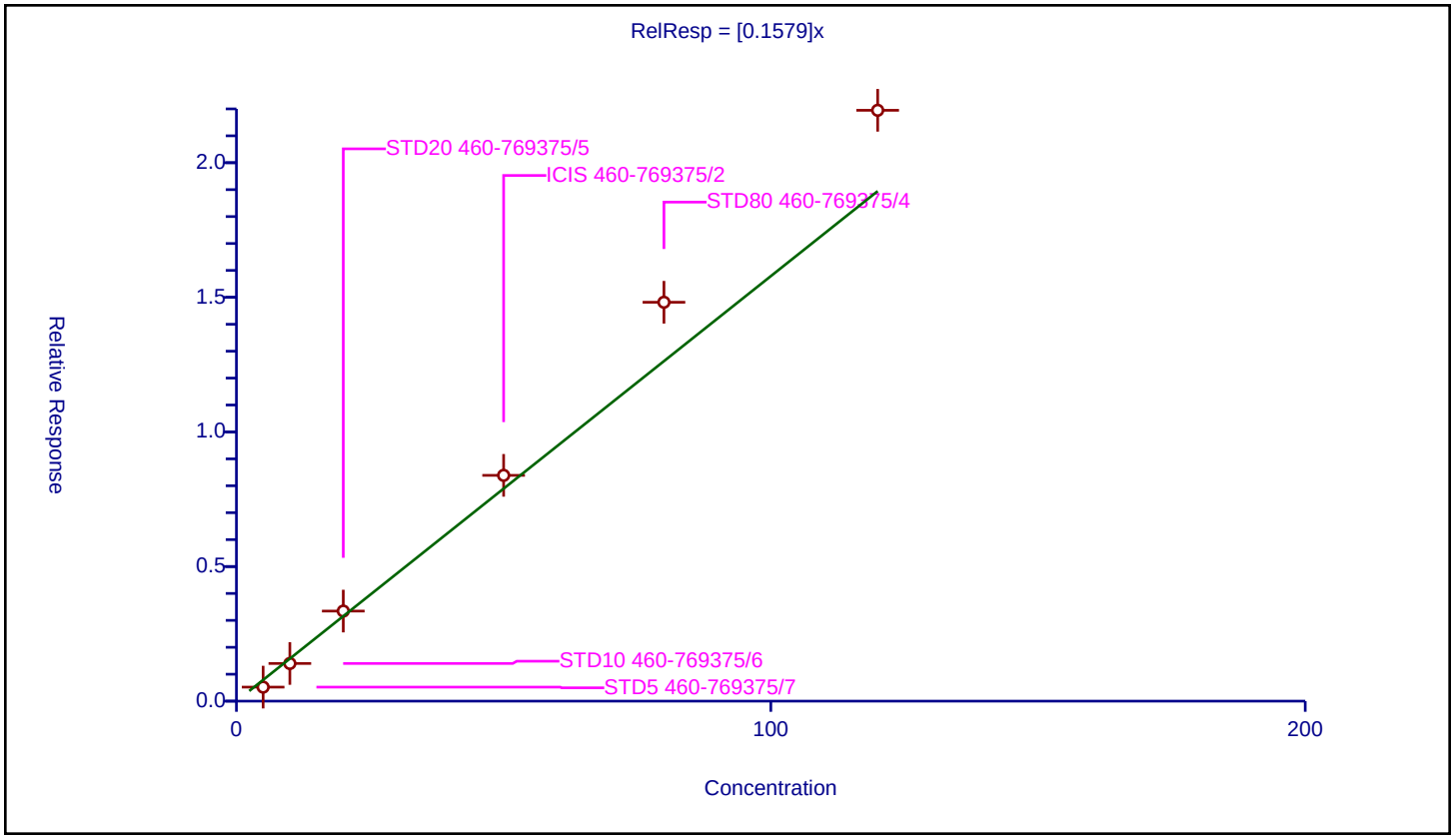
Curve Coefficients

Intercept:	0
Slope:	0.1579

Error Coefficients

Standard Error:	127000
Relative Standard Error:	19.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	0.520713	40.0	398838.0	0.104143	Y
2	STD10 460-769375/6	10.0	1.399406	40.0	401313.0	0.139941	Y
3	STD20 460-769375/5	20.0	3.345592	40.0	444573.0	0.16728	Y
4	ICIS 460-769375/2	50.0	8.387168	40.0	417824.0	0.167743	Y
5	STD80 460-769375/4	80.0	14.817334	40.0	405768.0	0.185217	Y
6	STD120 460-769375/3	120.0	21.947746	40.0	404909.0	0.182898	Y



Calibration / Bis(2-chloroethoxy)methane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

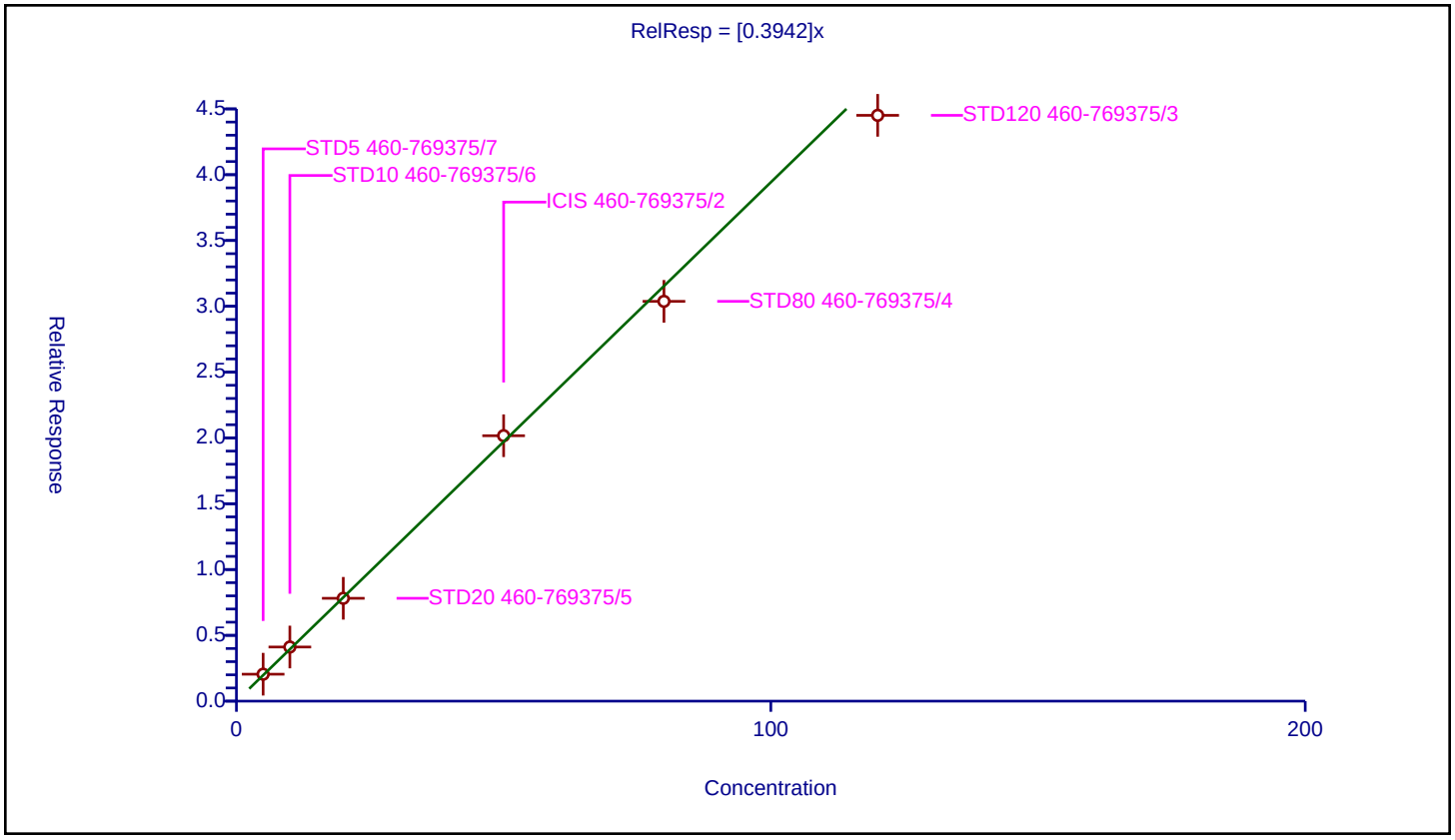
Curve Coefficients

Intercept:	0
Slope:	0.3942

Error Coefficients

Standard Error:	265000
Relative Standard Error:	4.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	2.046345	40.0	398838.0	0.409269	Y
2	STD10 460-769375/6	10.0	4.113099	40.0	401313.0	0.41131	Y
3	STD20 460-769375/5	20.0	7.81433	40.0	444573.0	0.390716	Y
4	ICIS 460-769375/2	50.0	20.167056	40.0	417824.0	0.403341	Y
5	STD80 460-769375/4	80.0	30.376964	40.0	405768.0	0.379712	Y
6	STD120 460-769375/3	120.0	44.509556	40.0	404909.0	0.370913	Y



Calibration / 2,4-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

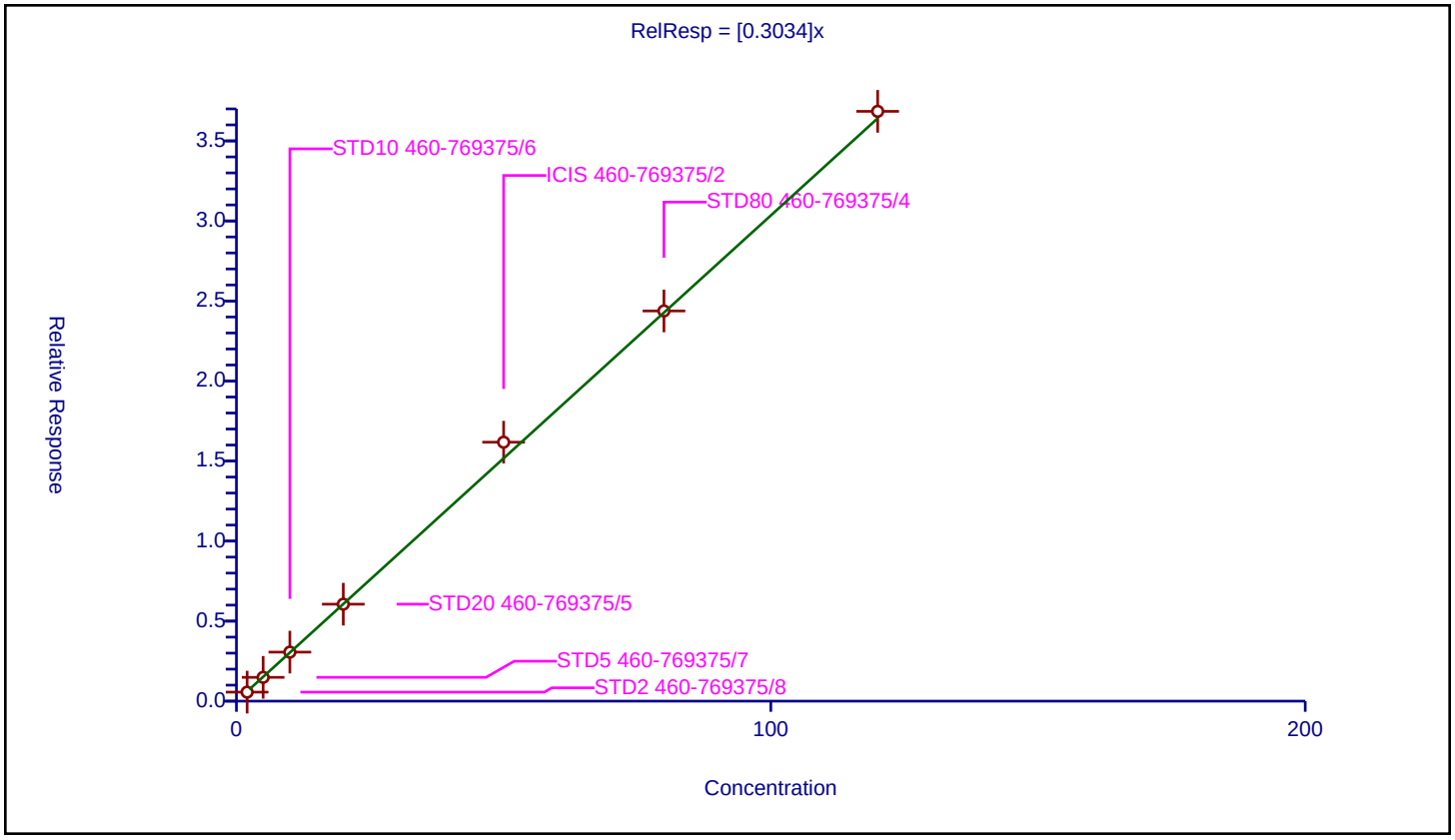
Curve Coefficients

Intercept:	0
Slope:	0.3034

Error Coefficients

Standard Error:	198000
Relative Standard Error:	4.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769375/8	2.0	0.56395	40.0	427485.0	0.281975	Y
2	STD5 460-769375/7	5.0	1.48702	40.0	398838.0	0.297404	Y
3	STD10 460-769375/6	10.0	3.063046	40.0	401313.0	0.306305	Y
4	STD20 460-769375/5	20.0	6.058038	40.0	444573.0	0.302902	Y
5	ICIS 460-769375/2	50.0	16.178008	40.0	417824.0	0.32356	Y
6	STD80 460-769375/4	80.0	24.377181	40.0	405768.0	0.304715	Y
7	STD120 460-769375/3	120.0	36.847687	40.0	404909.0	0.307064	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

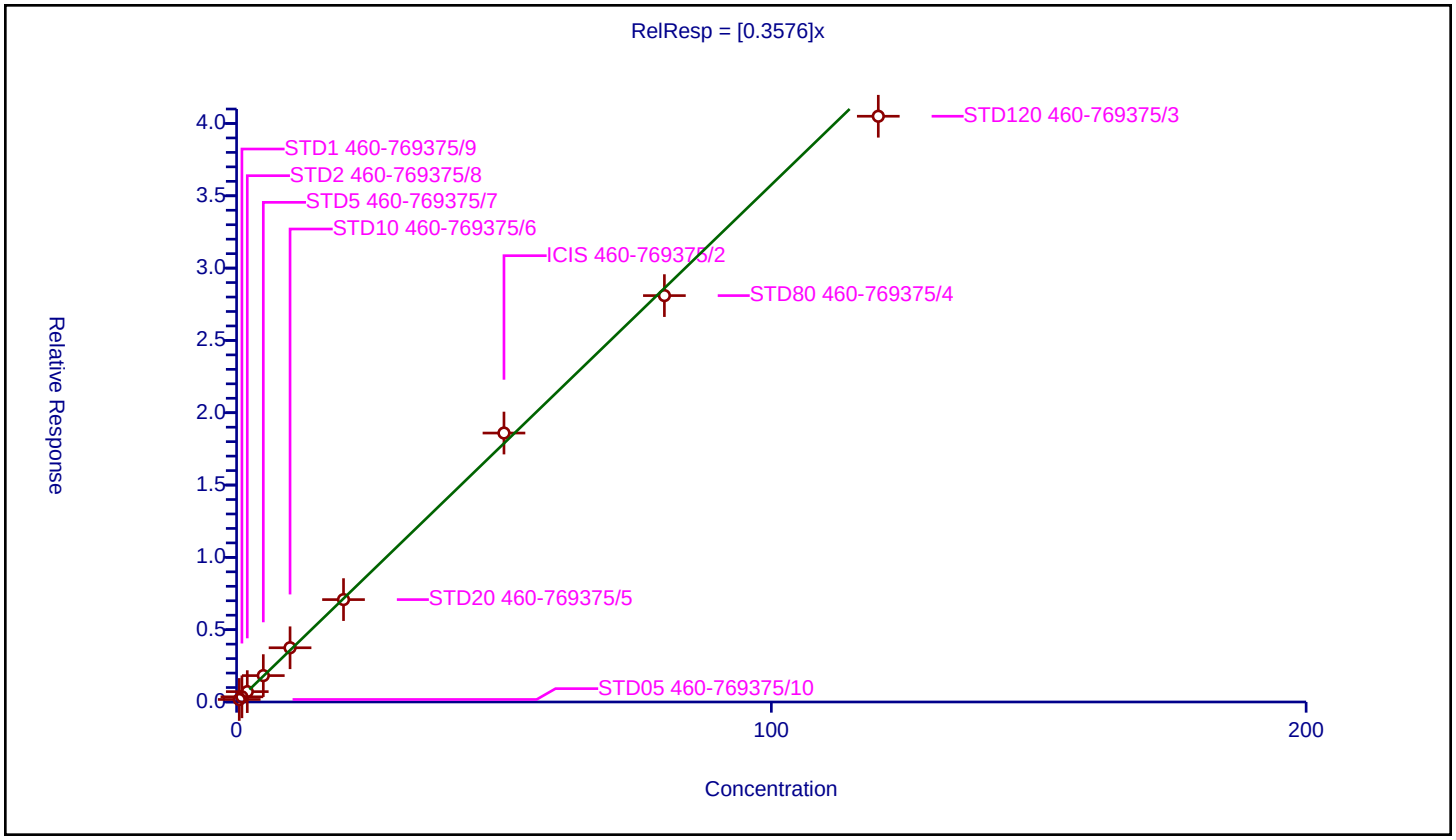
Curve Coefficients

Intercept:	0
Slope:	0.3576

Error Coefficients

Standard Error:	192000
Relative Standard Error:	3.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.174061	40.0	435249.0	0.348123	Y
2	STD1 460-769375/9	1.0	0.358031	40.0	435717.0	0.358031	Y
3	STD2 460-769375/8	2.0	0.716189	40.0	427485.0	0.358094	Y
4	STD5 460-769375/7	5.0	1.824199	40.0	398838.0	0.36484	Y
5	STD10 460-769375/6	10.0	3.75009	40.0	401313.0	0.375009	Y
6	STD20 460-769375/5	20.0	7.078523	40.0	444573.0	0.353926	Y
7	ICIS 460-769375/2	50.0	18.595772	40.0	417824.0	0.371915	Y
8	STD80 460-769375/4	80.0	28.098914	40.0	405768.0	0.351236	Y
9	STD120 460-769375/3	120.0	40.49947	40.0	404909.0	0.337496	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

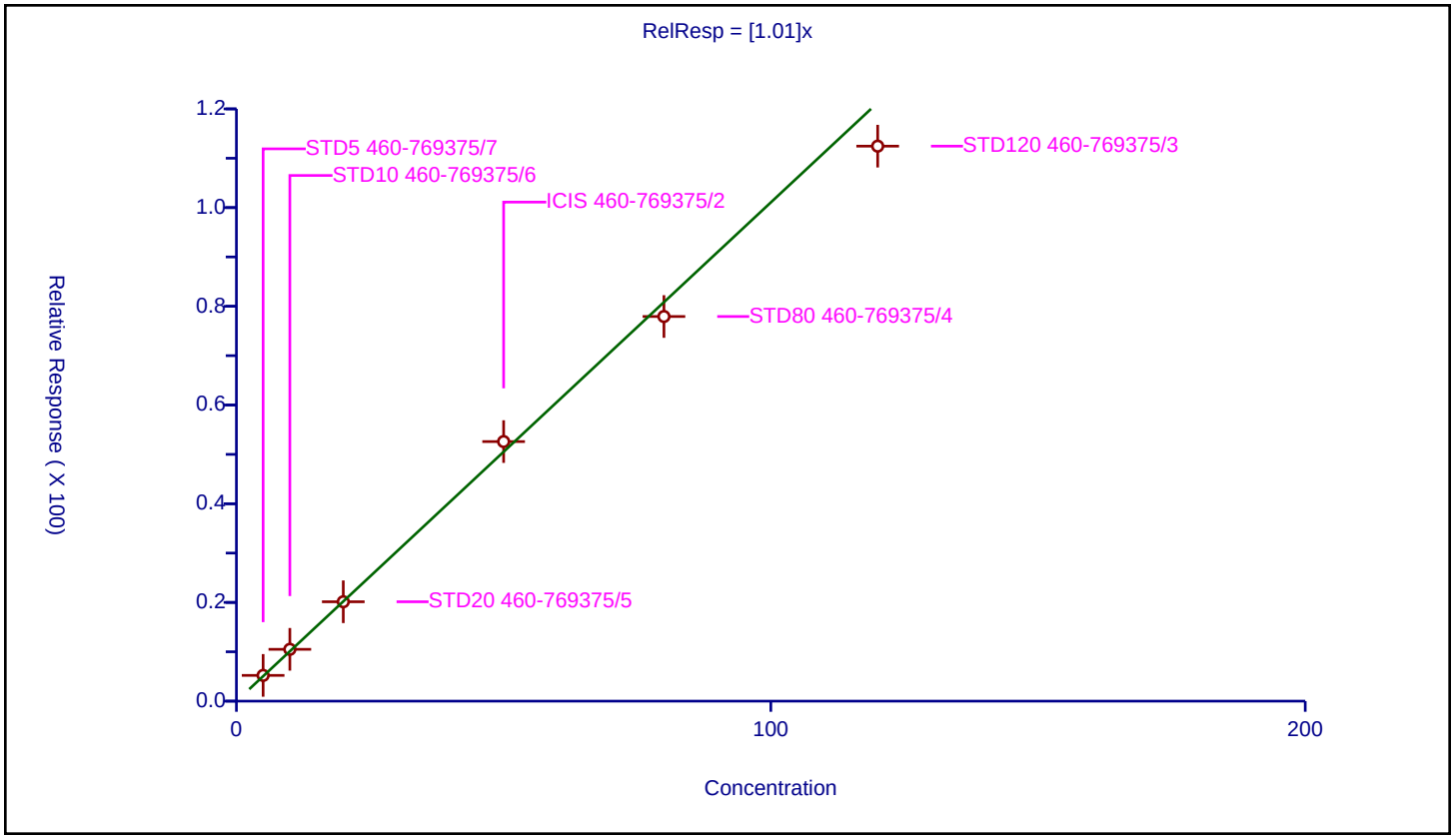
Curve Coefficients

Intercept:	0
Slope:	1.01

Error Coefficients

Standard Error:	676000
Relative Standard Error:	4.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	5.21515	40.0	398838.0	1.04303	Y
2	STD10 460-769375/6	10.0	10.498339	40.0	401313.0	1.049834	Y
3	STD20 460-769375/5	20.0	20.135006	40.0	444573.0	1.00675	Y
4	ICIS 460-769375/2	50.0	52.593819	40.0	417824.0	1.051876	Y
5	STD80 460-769375/4	80.0	77.931725	40.0	405768.0	0.974147	Y
6	STD120 460-769375/3	120.0	112.451045	40.0	404909.0	0.937092	Y



Calibration / 4-Chloroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

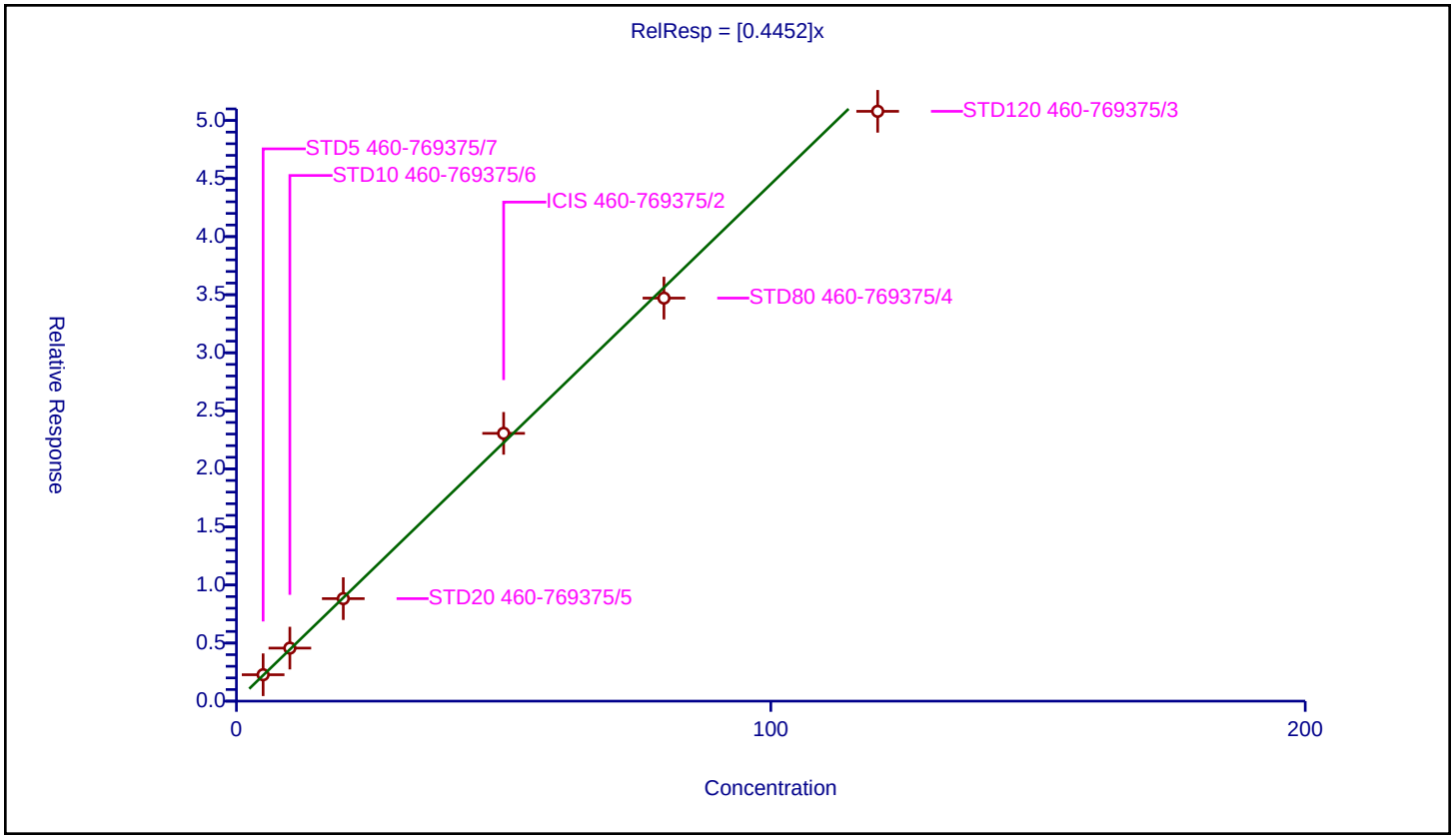
Curve Coefficients

Intercept:	0
Slope:	0.4452

Error Coefficients

Standard Error:	303000
Relative Standard Error:	3.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	2.274507	40.0	398838.0	0.454901	Y
2	STD10 460-769375/6	10.0	4.567407	40.0	401313.0	0.456741	Y
3	STD20 460-769375/5	20.0	8.826807	40.0	444573.0	0.44134	Y
4	ICIS 460-769375/2	50.0	23.059279	40.0	417824.0	0.461186	Y
5	STD80 460-769375/4	80.0	34.706039	40.0	405768.0	0.433825	Y
6	STD120 460-769375/3	120.0	50.791659	40.0	404909.0	0.423264	Y



Calibration / 2,6-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

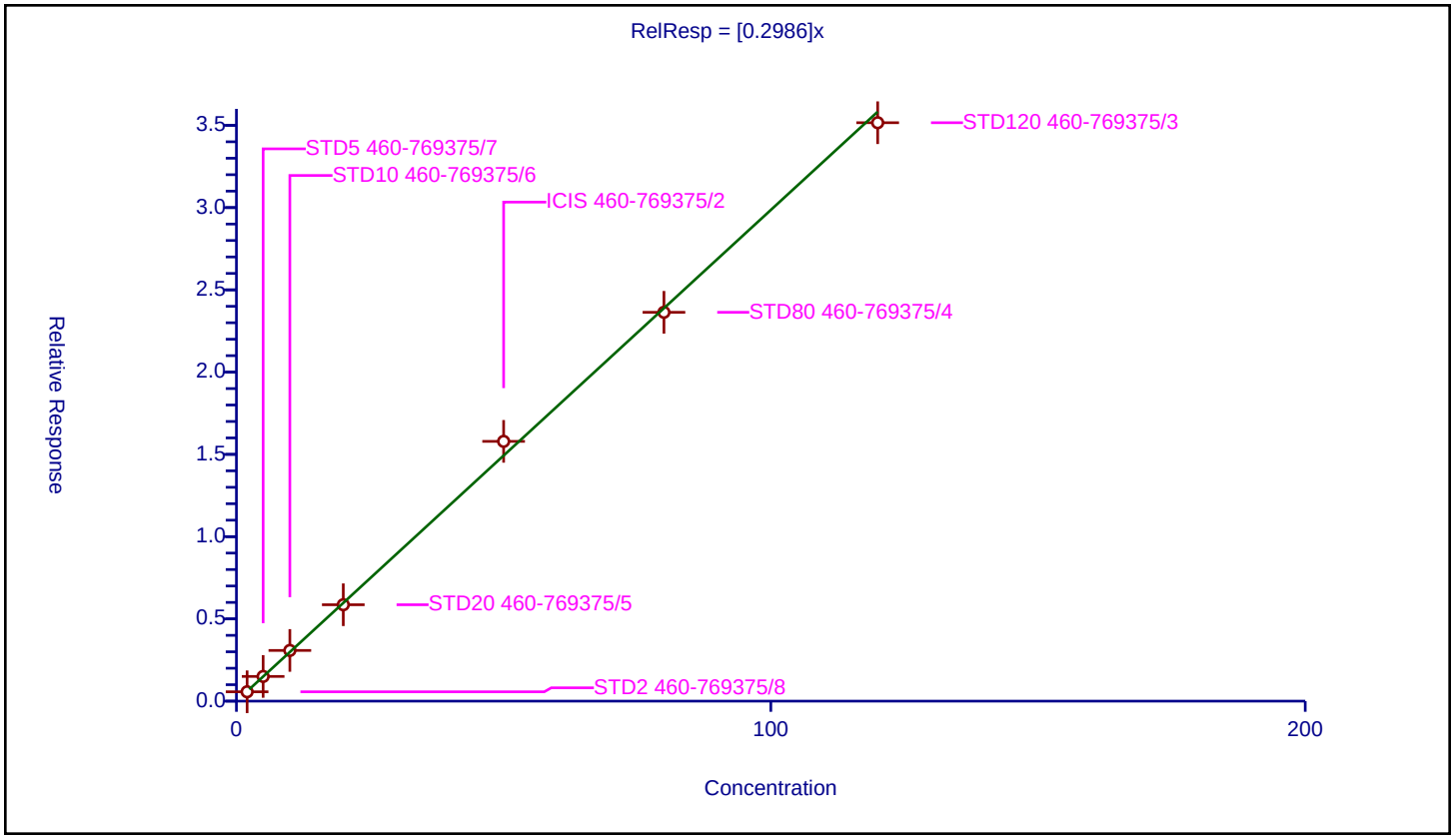
Curve Coefficients

Intercept:	0
Slope:	0.2986

Error Coefficients

Standard Error:	190000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769375/8	2.0	0.568441	40.0	427485.0	0.28422	Y
2	STD5 460-769375/7	5.0	1.501161	40.0	398838.0	0.300232	Y
3	STD10 460-769375/6	10.0	3.081884	40.0	401313.0	0.308188	Y
4	STD20 460-769375/5	20.0	5.859735	40.0	444573.0	0.292987	Y
5	ICIS 460-769375/2	50.0	15.789902	40.0	417824.0	0.315798	Y
6	STD80 460-769375/4	80.0	23.635575	40.0	405768.0	0.295445	Y
7	STD120 460-769375/3	120.0	35.159999	40.0	404909.0	0.293	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

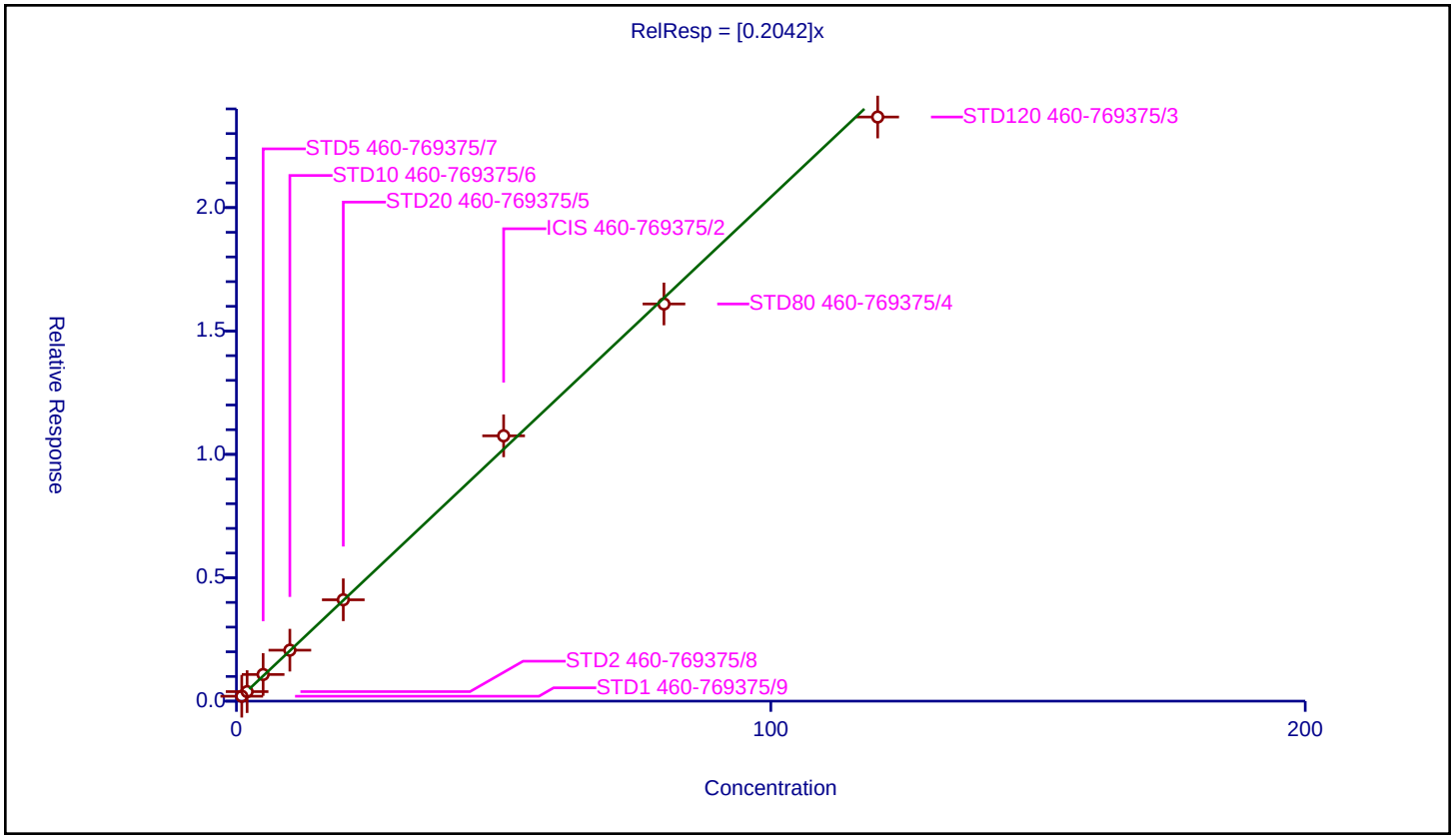
Curve Coefficients

Intercept:	0
Slope:	0.2042

Error Coefficients

Standard Error:	119000
Relative Standard Error:	4.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769375/9	1.0	0.199487	40.0	435717.0	0.199487	Y
2	STD2 460-769375/8	2.0	0.386166	40.0	427485.0	0.193083	Y
3	STD5 460-769375/7	5.0	1.079536	40.0	398838.0	0.215907	Y
4	STD10 460-769375/6	10.0	2.065719	40.0	401313.0	0.206572	Y
5	STD20 460-769375/5	20.0	4.107312	40.0	444573.0	0.205366	Y
6	ICIS 460-769375/2	50.0	10.751321	40.0	417824.0	0.215026	Y
7	STD80 460-769375/4	80.0	16.094616	40.0	405768.0	0.201183	Y
8	STD120 460-769375/3	120.0	23.670306	40.0	404909.0	0.197253	Y



Calibration / Caprolactam

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

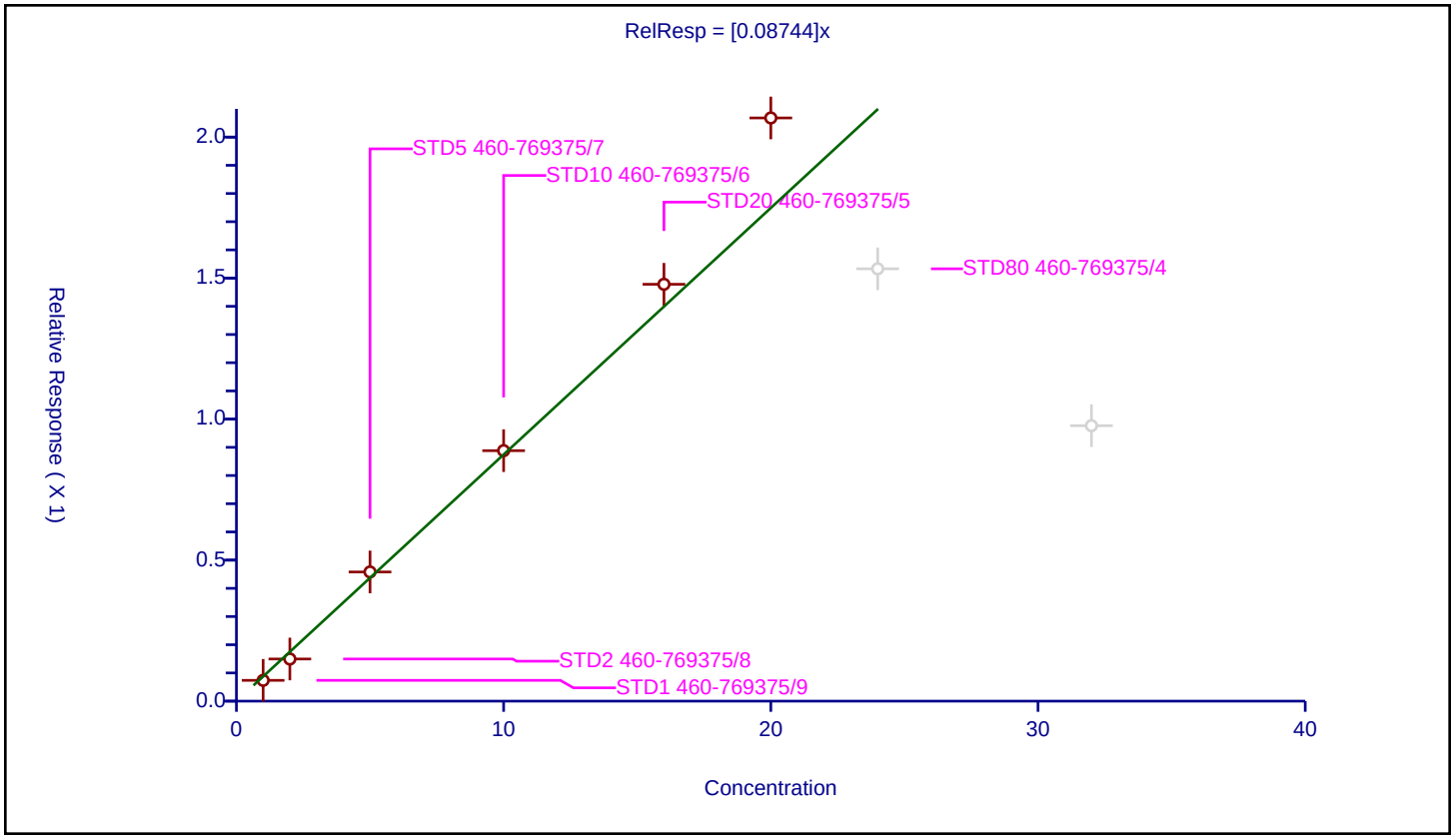
Curve Coefficients

Intercept:	0
Slope:	0.08744

Error Coefficients

Standard Error:	13000
Relative Standard Error:	13.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769375/9	1.0	0.073718	40.0	435717.0	0.073718	Y
2	STD2 460-769375/8	2.0	0.149432	40.0	427485.0	0.074716	Y
3	STD5 460-769375/7	5.0	0.458031	40.0	398838.0	0.091606	Y
4	STD10 460-769375/6	10.0	0.888185	40.0	401313.0	0.088818	Y
5	STD20 460-769375/5	16.0	1.478092	40.0	444573.0	0.092381	Y
6	ICIS 460-769375/2	20.0	2.067856	40.0	417824.0	0.103393	Y
7	STD80 460-769375/4	24.0	1.532994	40.0	405768.0	0.063875	N
8	STD120 460-769375/3	32.0	0.976713	40.0	404909.0	0.030522	N



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

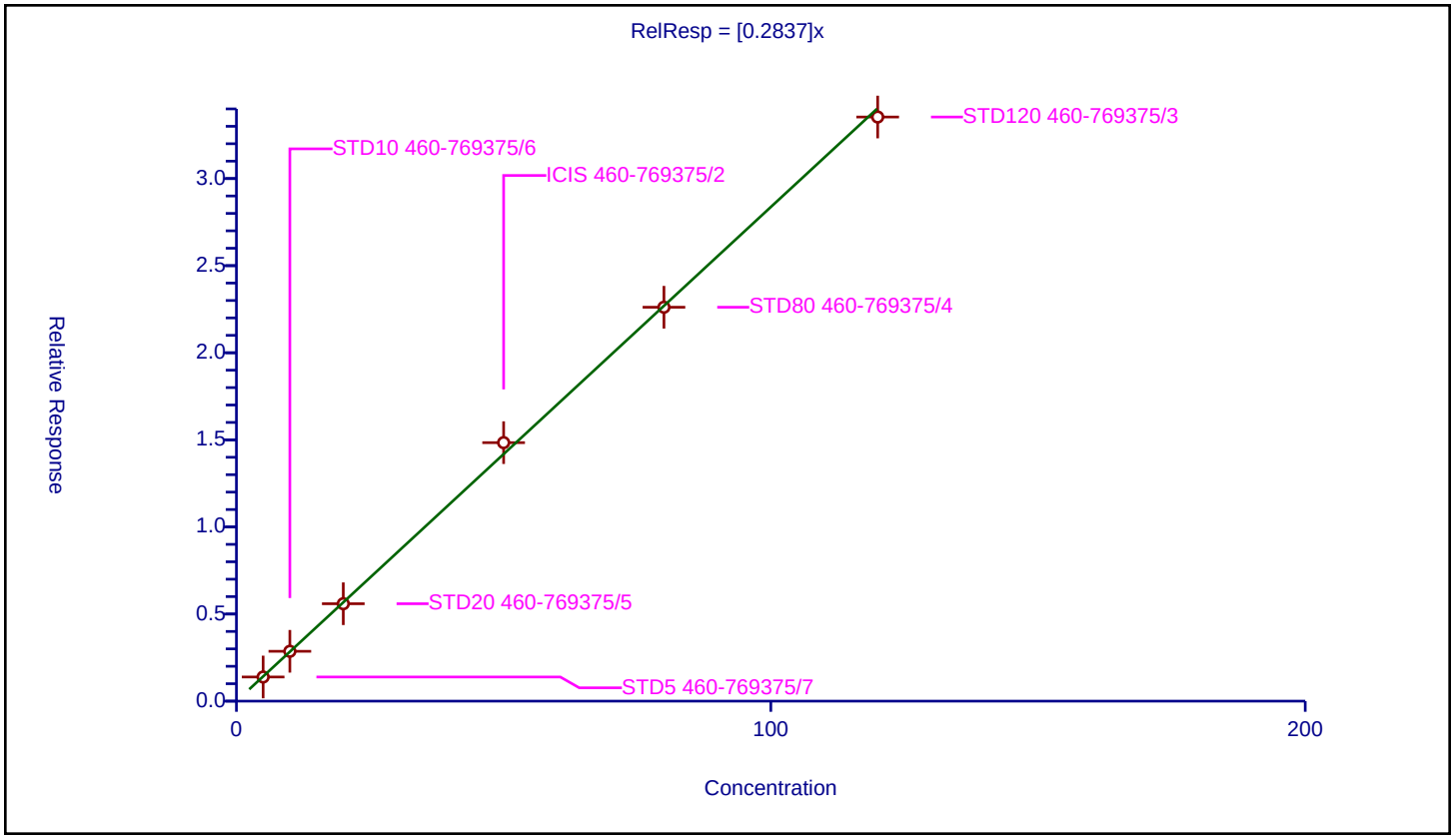
Curve Coefficients

Intercept:	0
Slope:	0.2837

Error Coefficients

Standard Error:	198000
Relative Standard Error:	2.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	1.386628	40.0	398838.0	0.277326	Y
2	STD10 460-769375/6	10.0	2.861308	40.0	401313.0	0.286131	Y
3	STD20 460-769375/5	20.0	5.591703	40.0	444573.0	0.279585	Y
4	ICIS 460-769375/2	50.0	14.840411	40.0	417824.0	0.296808	Y
5	STD80 460-769375/4	80.0	22.613513	40.0	405768.0	0.282669	Y
6	STD120 460-769375/3	120.0	33.53435	40.0	404909.0	0.279453	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

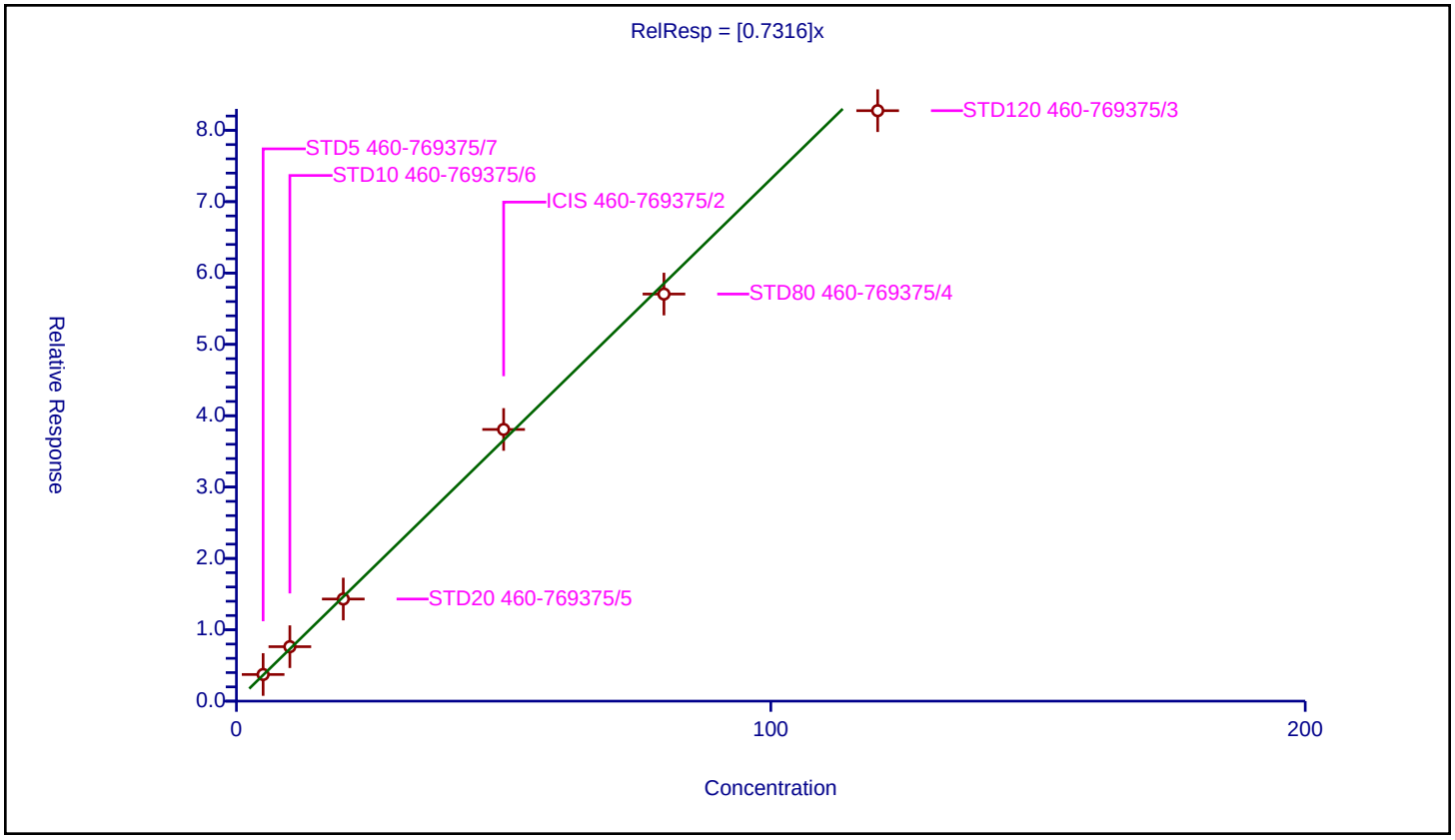
Curve Coefficients

Intercept:	0
Slope:	0.7316

Error Coefficients

Standard Error:	495000
Relative Standard Error:	4.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	3.733145	40.0	398838.0	0.746629	Y
2	STD10 460-769375/6	10.0	7.630353	40.0	401313.0	0.763035	Y
3	STD20 460-769375/5	20.0	14.310271	40.0	444573.0	0.715514	Y
4	ICIS 460-769375/2	50.0	38.074309	40.0	417824.0	0.761486	Y
5	STD80 460-769375/4	80.0	57.050827	40.0	405768.0	0.713135	Y
6	STD120 460-769375/3	120.0	82.750346	40.0	404909.0	0.689586	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

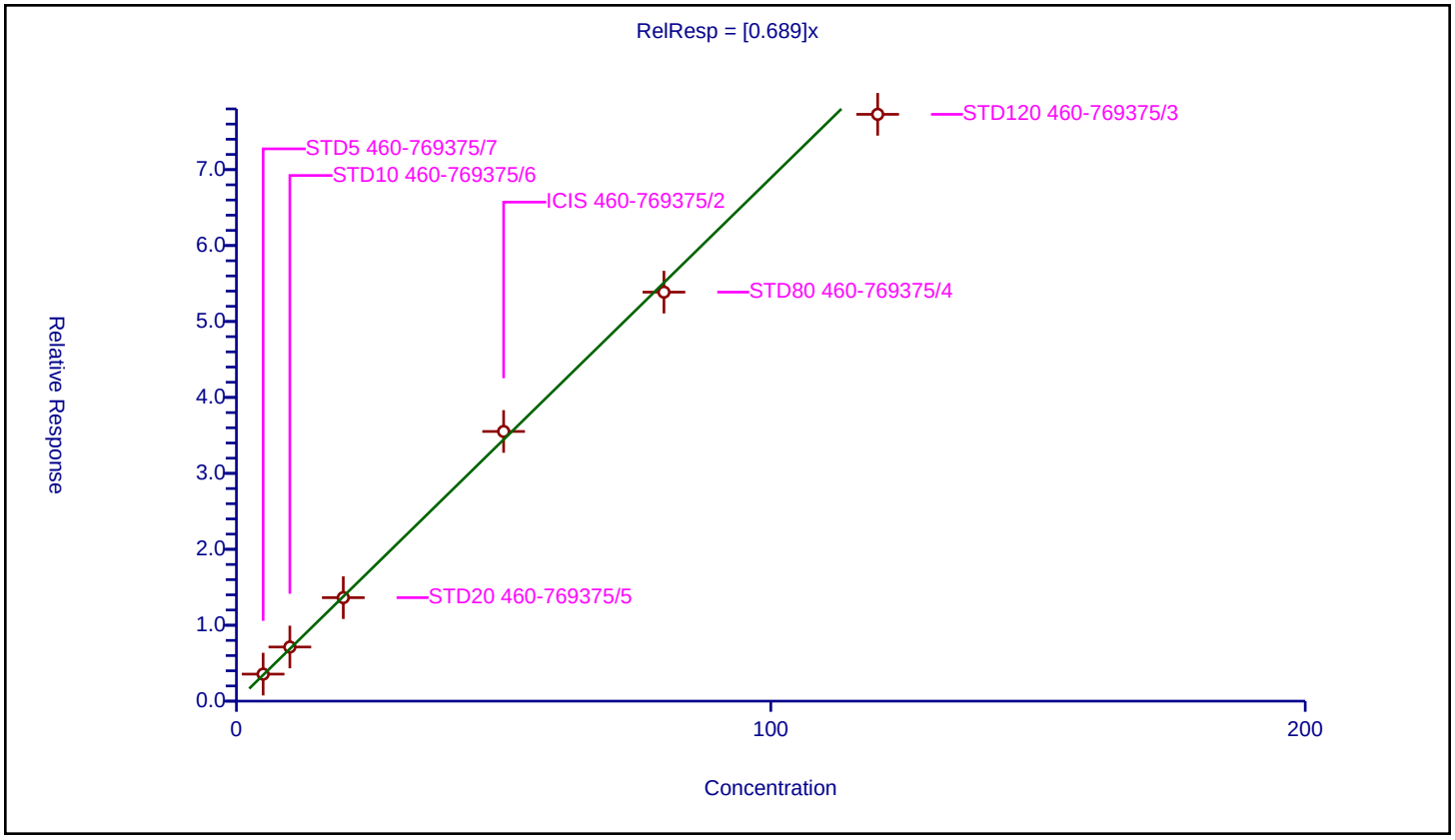
Curve Coefficients

Intercept:	0
Slope:	0.689

Error Coefficients

Standard Error:	464000
Relative Standard Error:	4.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	3.558437	40.0	398838.0	0.711687	Y
2	STD10 460-769375/6	10.0	7.127903	40.0	401313.0	0.71279	Y
3	STD20 460-769375/5	20.0	13.631057	40.0	444573.0	0.681553	Y
4	ICIS 460-769375/2	50.0	35.51773	40.0	417824.0	0.710355	Y
5	STD80 460-769375/4	80.0	53.865953	40.0	405768.0	0.673324	Y
6	STD120 460-769375/3	120.0	77.285316	40.0	404909.0	0.644044	Y



Calibration / 1,2,4,5-Tetrachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

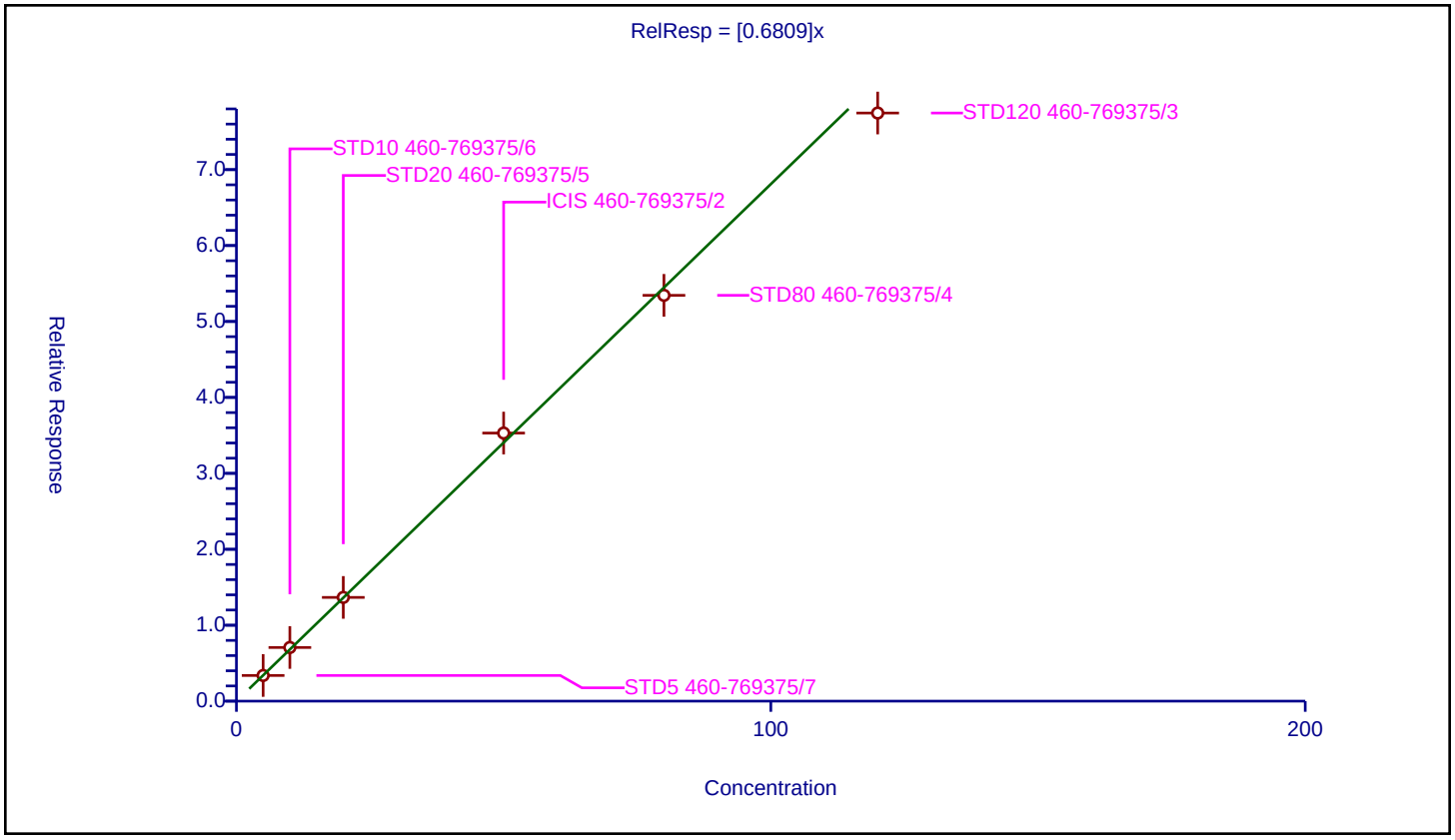
Curve Coefficients

Intercept:	0
Slope:	0.6809

Error Coefficients

Standard Error:	255000
Relative Standard Error:	3.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	3.380383	40.0	222034.0	0.676077	Y
2	STD10 460-769375/6	10.0	7.06584	40.0	219971.0	0.706584	Y
3	STD20 460-769375/5	20.0	13.661134	40.0	239251.0	0.683057	Y
4	ICIS 460-769375/2	50.0	35.306264	40.0	229753.0	0.706125	Y
5	STD80 460-769375/4	80.0	53.446401	40.0	223700.0	0.66808	Y
6	STD120 460-769375/3	120.0	77.455083	40.0	222577.0	0.645459	Y



Calibration / Hexachlorocyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

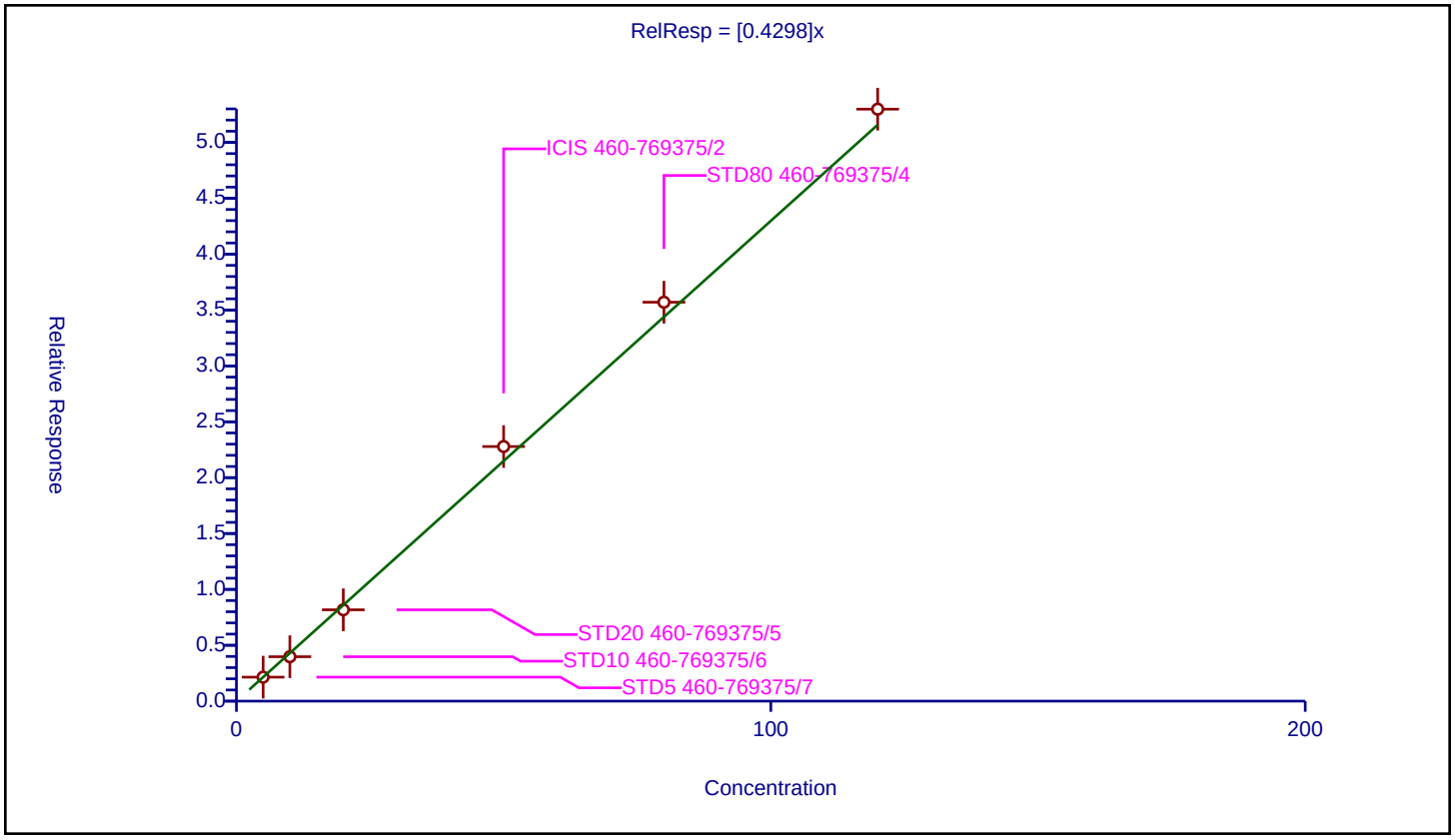
Curve Coefficients

Intercept:	0
Slope:	0.4298

Error Coefficients

Standard Error:	171000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	2.145617	40.0	222034.0	0.429123	Y
2	STD10 460-769375/6	10.0	3.974706	40.0	219971.0	0.397471	Y
3	STD20 460-769375/5	20.0	8.173341	40.0	239251.0	0.408667	Y
4	ICIS 460-769375/2	50.0	22.785861	40.0	229753.0	0.455717	Y
5	STD80 460-769375/4	80.0	35.699598	40.0	223700.0	0.446245	Y
6	STD120 460-769375/3	120.0	52.976004	40.0	222577.0	0.441467	Y



Calibration / 2-tertbutyl-4-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

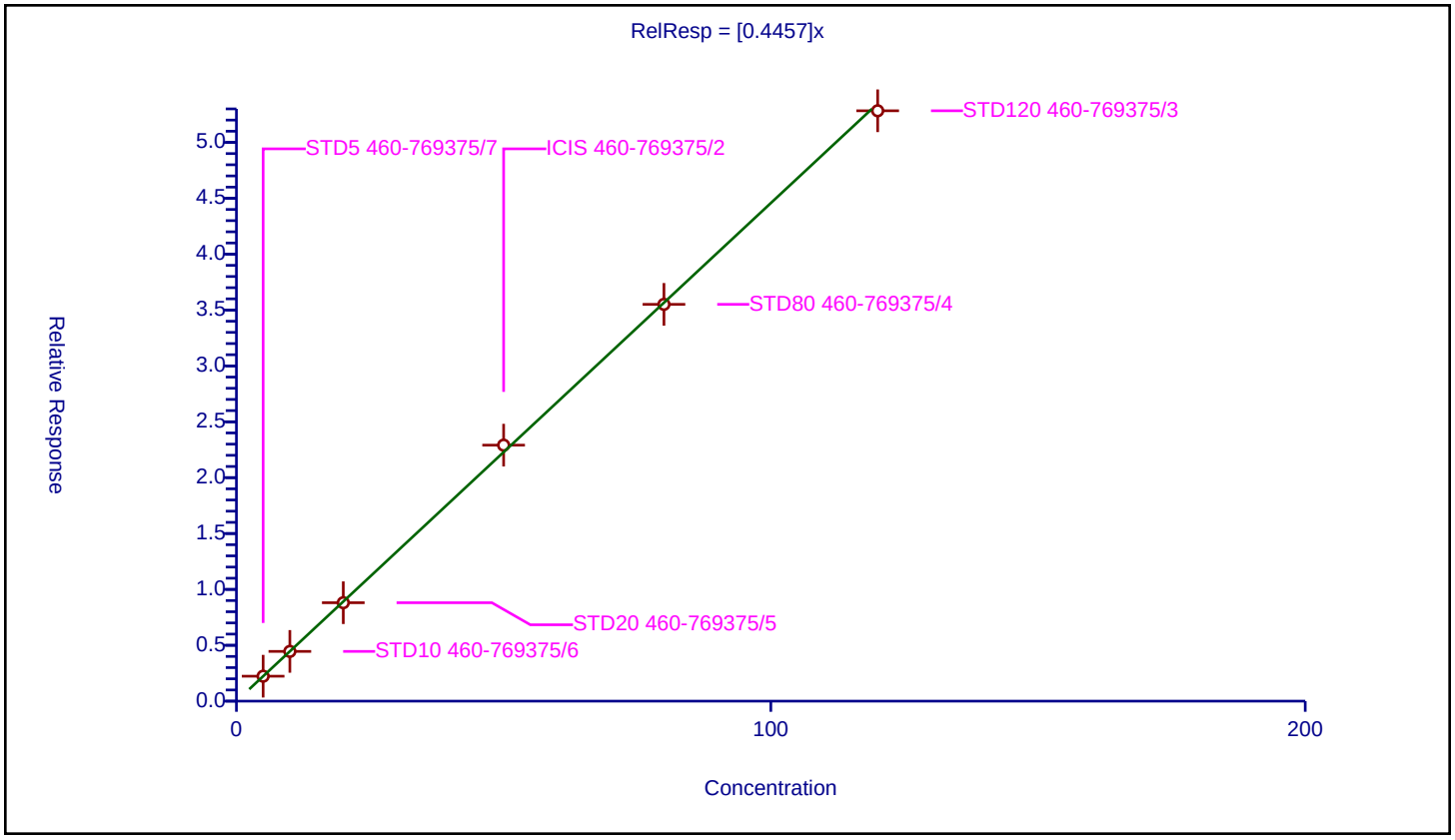
Curve Coefficients

Intercept:	0
Slope:	0.4457

Error Coefficients

Standard Error:	311000
Relative Standard Error:	1.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	2.232285	40.0	398838.0	0.446457	Y
2	STD10 460-769375/6	10.0	4.45079	40.0	401313.0	0.445079	Y
3	STD20 460-769375/5	20.0	8.808002	40.0	444573.0	0.4404	Y
4	ICIS 460-769375/2	50.0	22.908114	40.0	417824.0	0.458162	Y
5	STD80 460-769375/4	80.0	35.506792	40.0	405768.0	0.443835	Y
6	STD120 460-769375/3	120.0	52.830932	40.0	404909.0	0.440258	Y



Calibration / 2,4,6-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

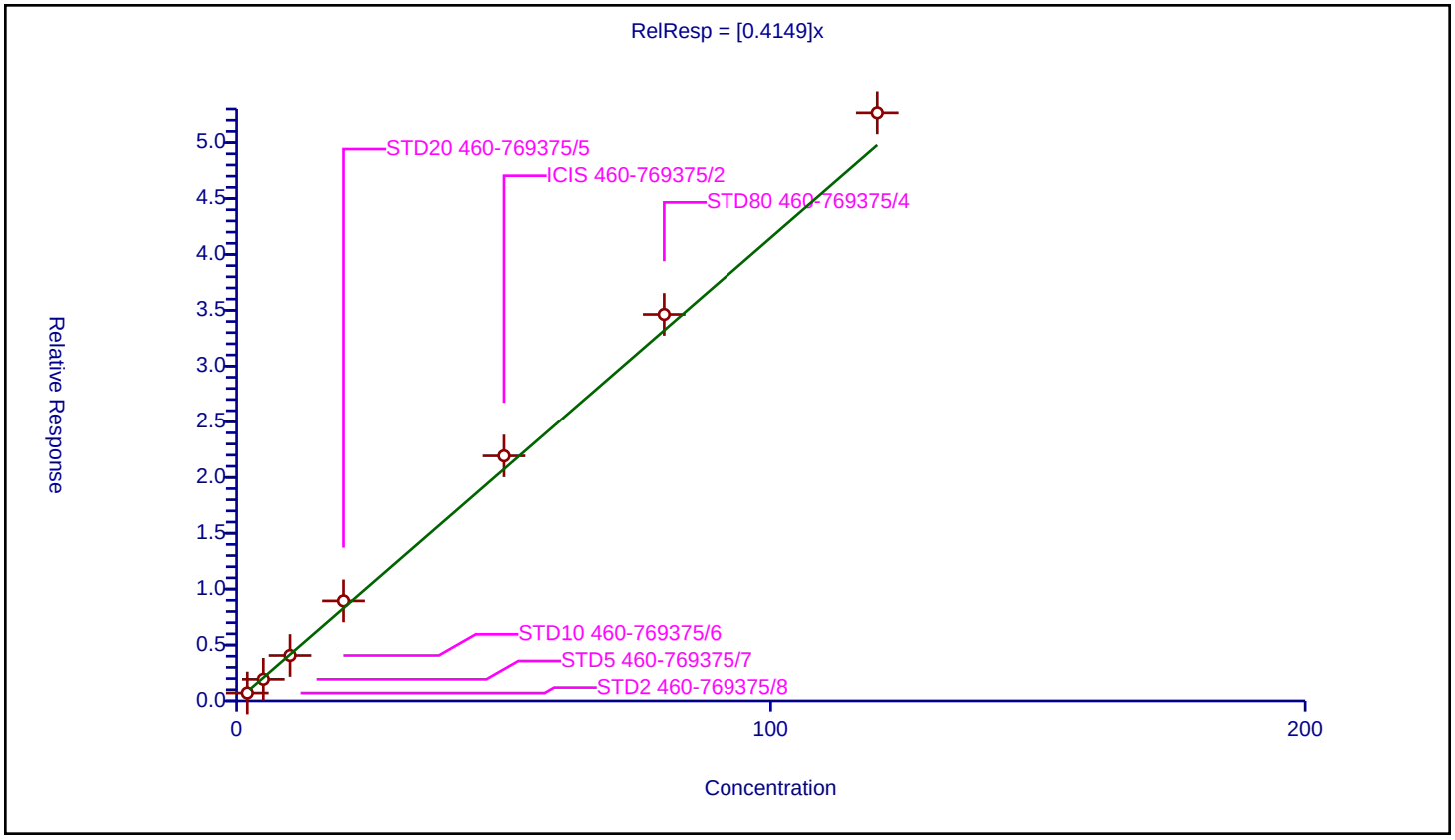
Curve Coefficients

Intercept:	0
Slope:	0.4149

Error Coefficients

Standard Error:	154000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769375/8	2.0	0.707618	40.0	230011.0	0.353809	Y
2	STD5 460-769375/7	5.0	1.933037	40.0	222034.0	0.386607	Y
3	STD10 460-769375/6	10.0	4.064172	40.0	219971.0	0.406417	Y
4	STD20 460-769375/5	20.0	8.94642	40.0	239251.0	0.447321	Y
5	ICIS 460-769375/2	50.0	21.936776	40.0	229753.0	0.438736	Y
6	STD80 460-769375/4	80.0	34.631024	40.0	223700.0	0.432888	Y
7	STD120 460-769375/3	120.0	52.656833	40.0	222577.0	0.438807	Y



Calibration / 2,4,5-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

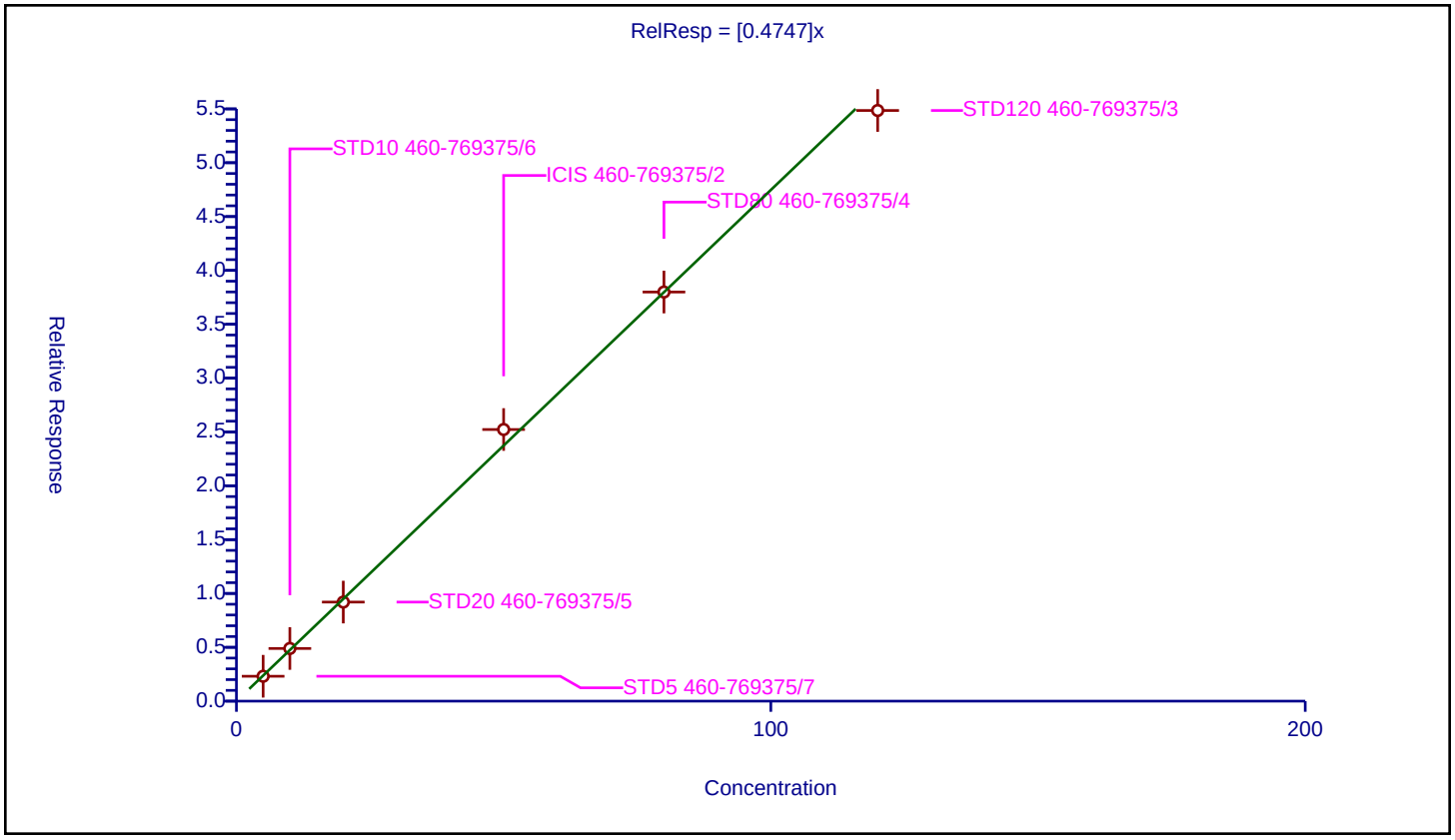
Curve Coefficients

Intercept:	0
Slope:	0.4747

Error Coefficients

Standard Error:	181000
Relative Standard Error:	4.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	2.311178	40.0	222034.0	0.462236	Y
2	STD10 460-769375/6	10.0	4.892281	40.0	219971.0	0.489228	Y
3	STD20 460-769375/5	20.0	9.200881	40.0	239251.0	0.460044	Y
4	ICIS 460-769375/2	50.0	25.225525	40.0	229753.0	0.50451	Y
5	STD80 460-769375/4	80.0	37.991775	40.0	223700.0	0.474897	Y
6	STD120 460-769375/3	120.0	54.85131	40.0	222577.0	0.457094	Y



Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

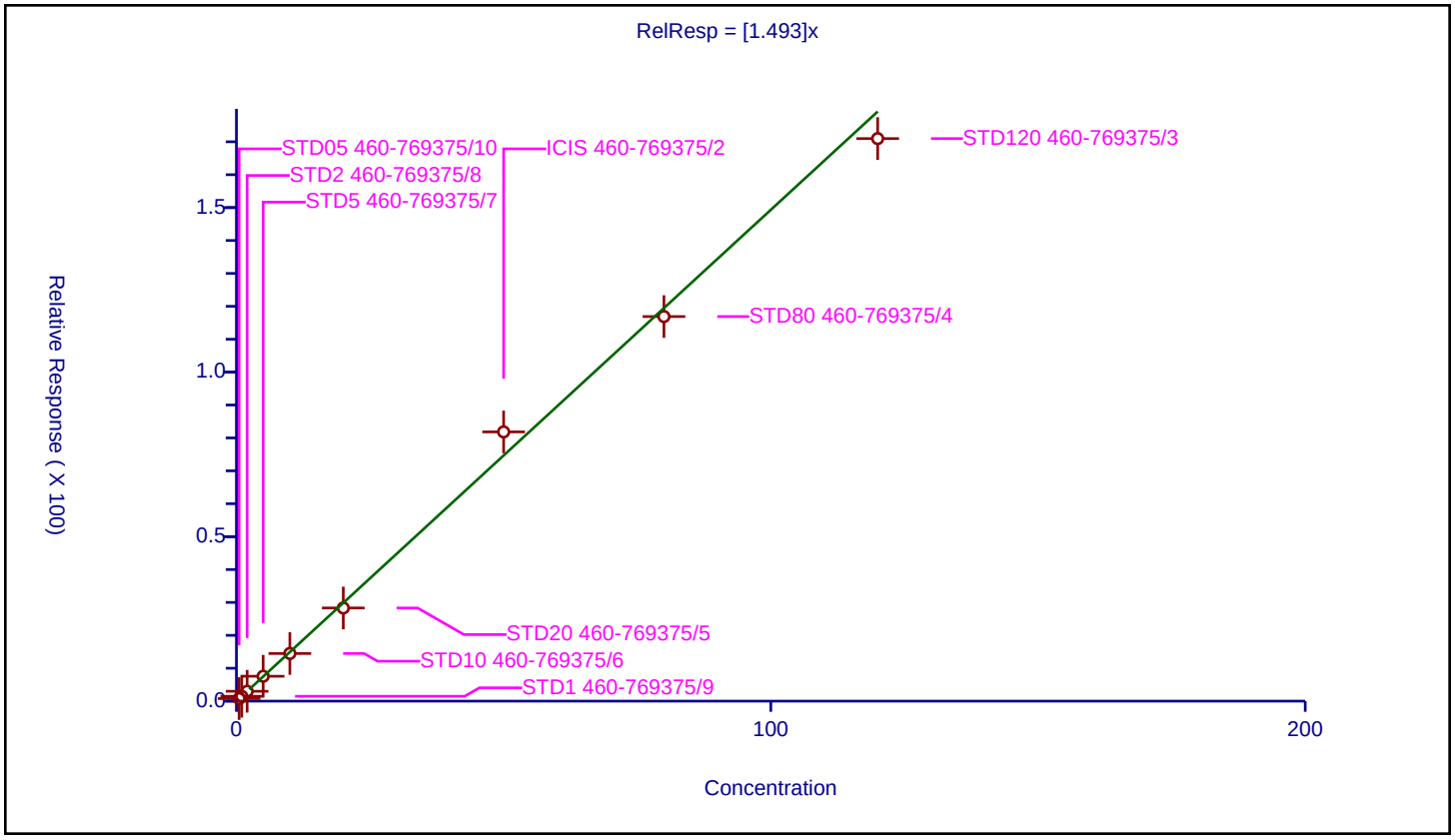
Curve Coefficients

Intercept:	0
Slope:	1.493

Error Coefficients

Standard Error:	446000
Relative Standard Error:	4.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.781967	40.0	235611.0	1.563934	Y
2	STD1 460-769375/9	1.0	1.476753	40.0	239661.0	1.476753	Y
3	STD2 460-769375/8	2.0	2.999857	40.0	230011.0	1.499928	Y
4	STD5 460-769375/7	5.0	7.561725	40.0	222034.0	1.512345	Y
5	STD10 460-769375/6	10.0	14.480636	40.0	219971.0	1.448064	Y
6	STD20 460-769375/5	20.0	28.3152	40.0	239251.0	1.41576	Y
7	ICIS 460-769375/2	50.0	81.83188	40.0	229753.0	1.636638	Y
8	STD80 460-769375/4	80.0	116.882074	40.0	223700.0	1.461026	Y
9	STD120 460-769375/3	120.0	170.976875	40.0	222577.0	1.424807	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

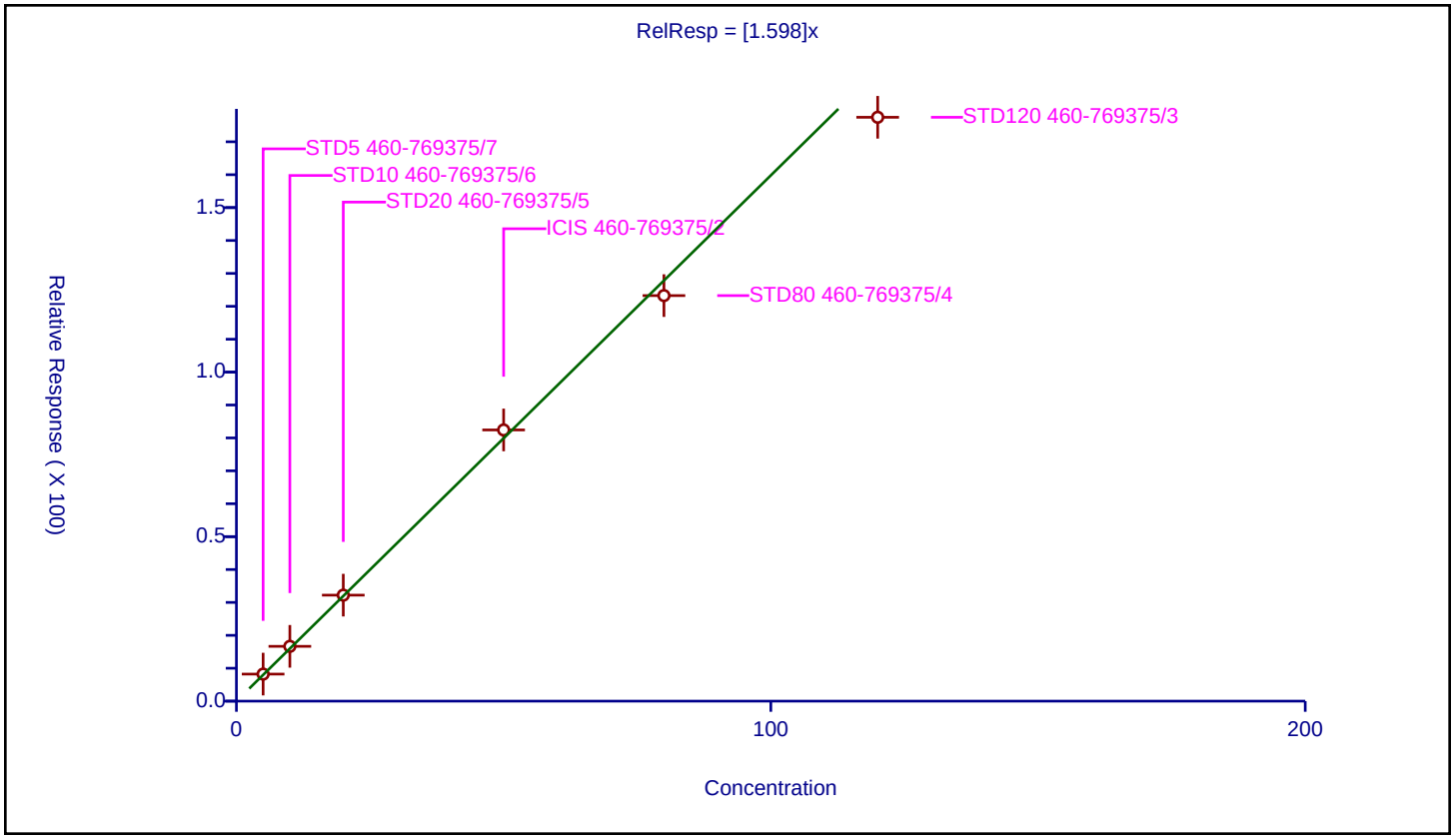
Curve Coefficients

Intercept:	0
Slope:	1.598

Error Coefficients

Standard Error:	587000
Relative Standard Error:	4.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	8.21766	40.0	222034.0	1.643532	Y
2	STD10 460-769375/6	10.0	16.65365	40.0	219971.0	1.665365	Y
3	STD20 460-769375/5	20.0	32.209688	40.0	239251.0	1.610484	Y
4	ICIS 460-769375/2	50.0	82.427302	40.0	229753.0	1.648546	Y
5	STD80 460-769375/4	80.0	123.256504	40.0	223700.0	1.540706	Y
6	STD120 460-769375/3	120.0	177.447625	40.0	222577.0	1.47873	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

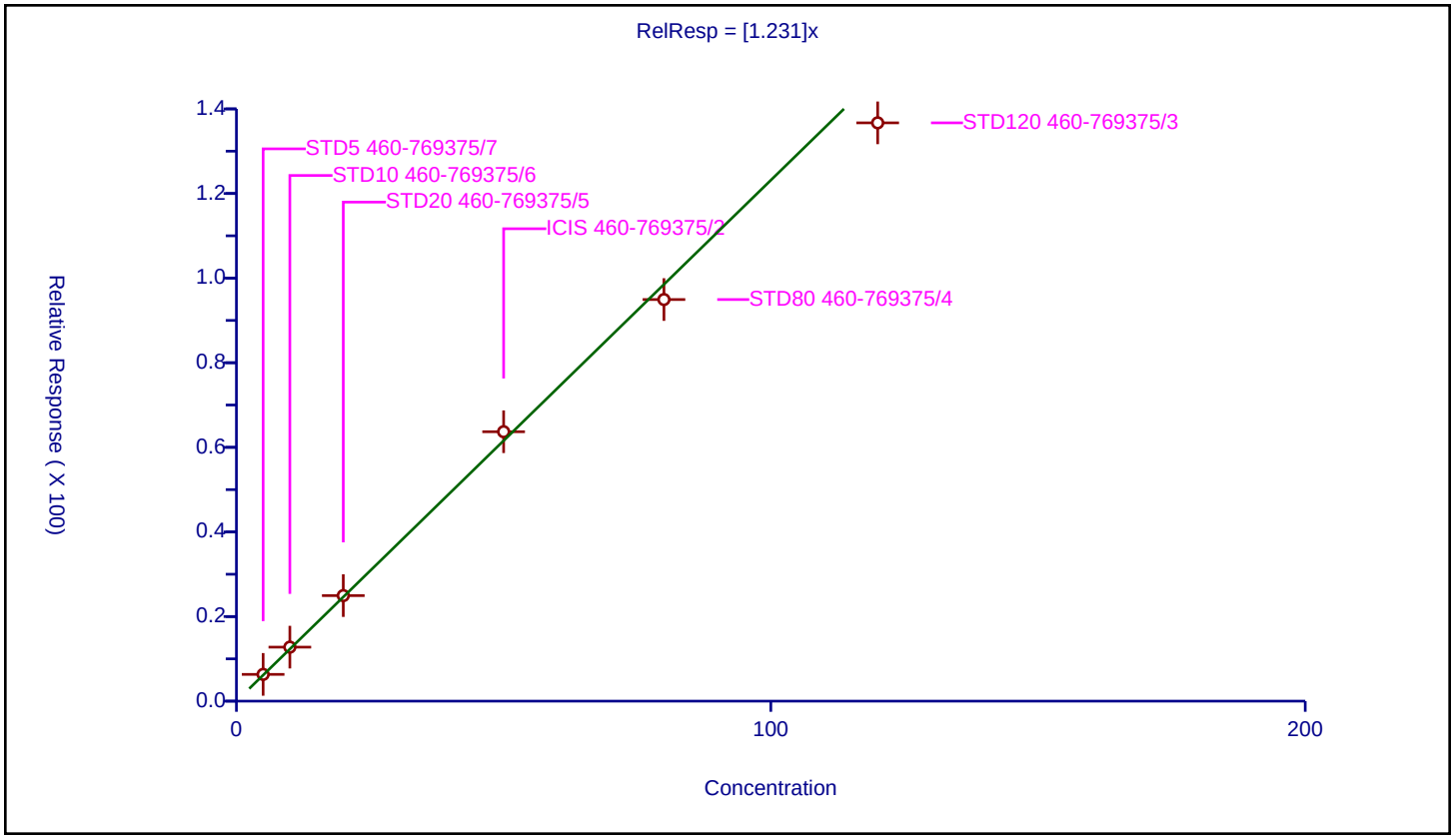
Curve Coefficients

Intercept:	0
Slope:	1.231

Error Coefficients

Standard Error:	452000
Relative Standard Error:	4.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	6.323536	40.0	222034.0	1.264707	Y
2	STD10 460-769375/6	10.0	12.765501	40.0	219971.0	1.27655	Y
3	STD20 460-769375/5	20.0	24.948025	40.0	239251.0	1.247401	Y
4	ICIS 460-769375/2	50.0	63.688918	40.0	229753.0	1.273778	Y
5	STD80 460-769375/4	80.0	94.936612	40.0	223700.0	1.186708	Y
6	STD120 460-769375/3	120.0	136.701456	40.0	222577.0	1.139179	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

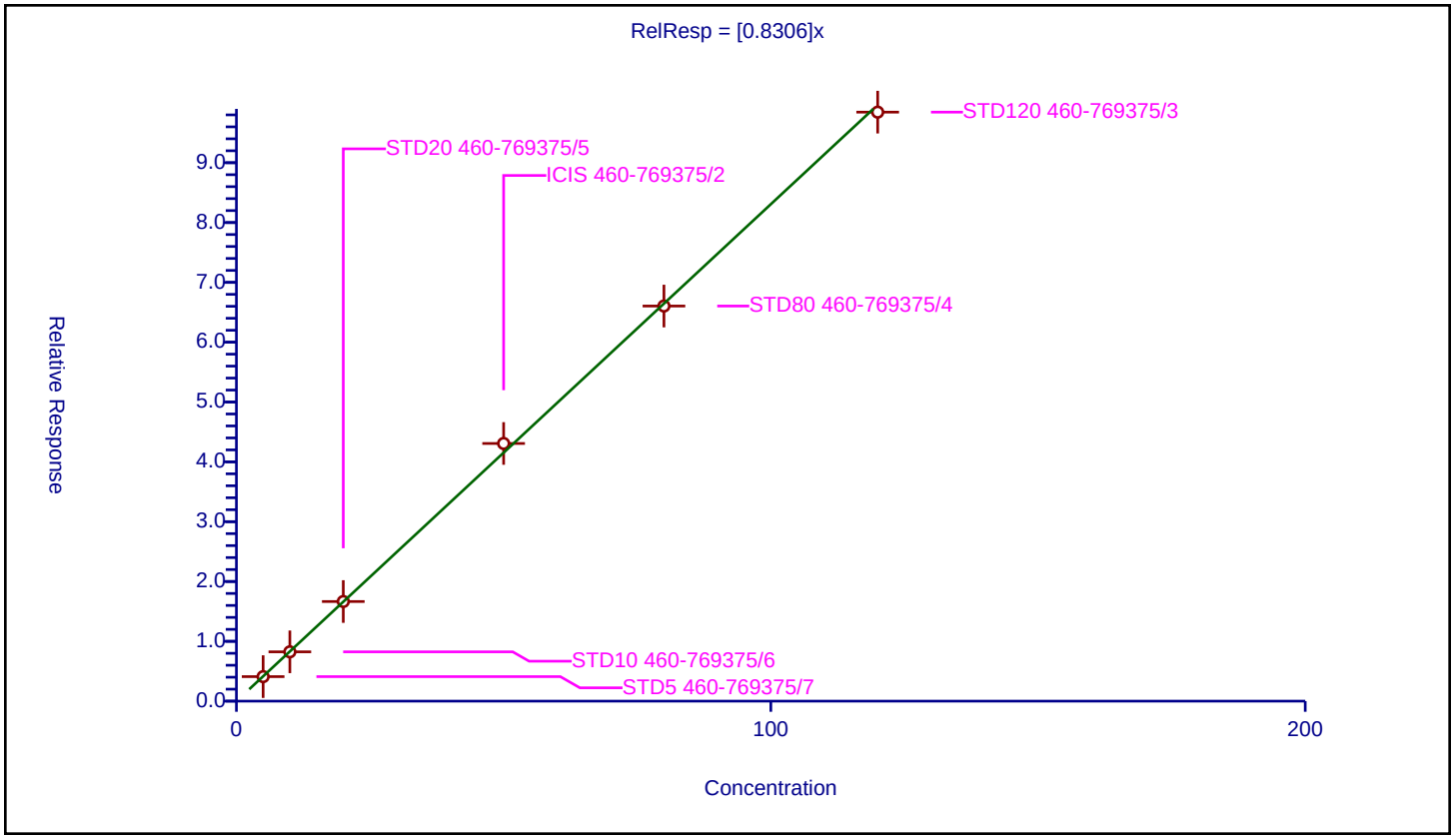
Curve Coefficients

Intercept:	0
Slope:	0.8306

Error Coefficients

Standard Error:	319000
Relative Standard Error:	1.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	4.096129	40.0	222034.0	0.819226	Y
2	STD10 460-769375/6	10.0	8.24345	40.0	219971.0	0.824345	Y
3	STD20 460-769375/5	20.0	16.654977	40.0	239251.0	0.832749	Y
4	ICIS 460-769375/2	50.0	43.073039	40.0	229753.0	0.861461	Y
5	STD80 460-769375/4	80.0	66.047385	40.0	223700.0	0.825592	Y
6	STD120 460-769375/3	120.0	98.455995	40.0	222577.0	0.820467	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

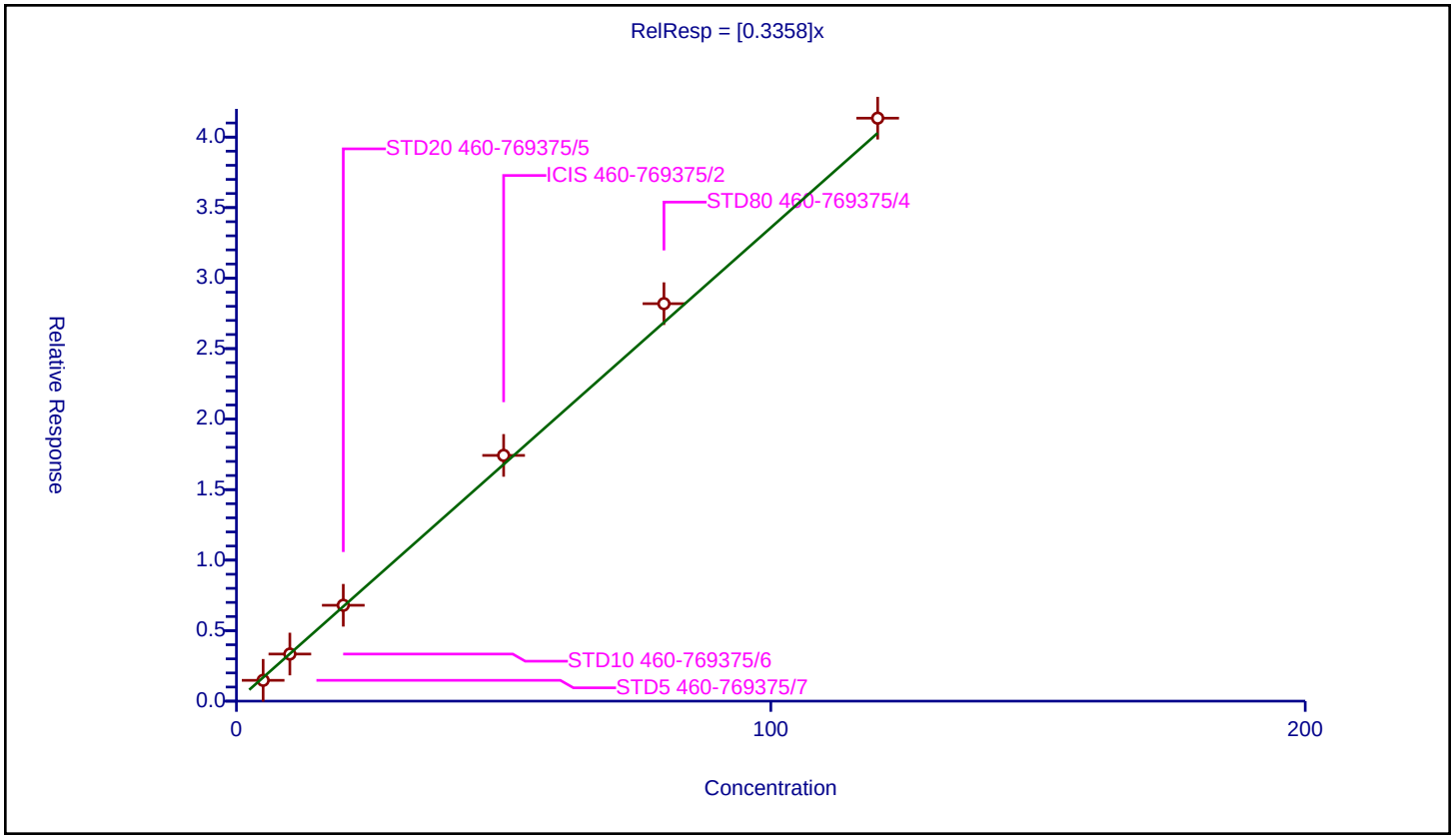
Curve Coefficients

Intercept:	0
Slope:	0.3358

Error Coefficients

Standard Error:	134000
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	1.47563	40.0	222034.0	0.295126	Y
2	STD10 460-769375/6	10.0	3.340622	40.0	219971.0	0.334062	Y
3	STD20 460-769375/5	20.0	6.798383	40.0	239251.0	0.339919	Y
4	ICIS 460-769375/2	50.0	17.427759	40.0	229753.0	0.348555	Y
5	STD80 460-769375/4	80.0	28.187751	40.0	223700.0	0.352347	Y
6	STD120 460-769375/3	120.0	41.342816	40.0	222577.0	0.344523	Y



Calibration / 1,3-Dimethylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

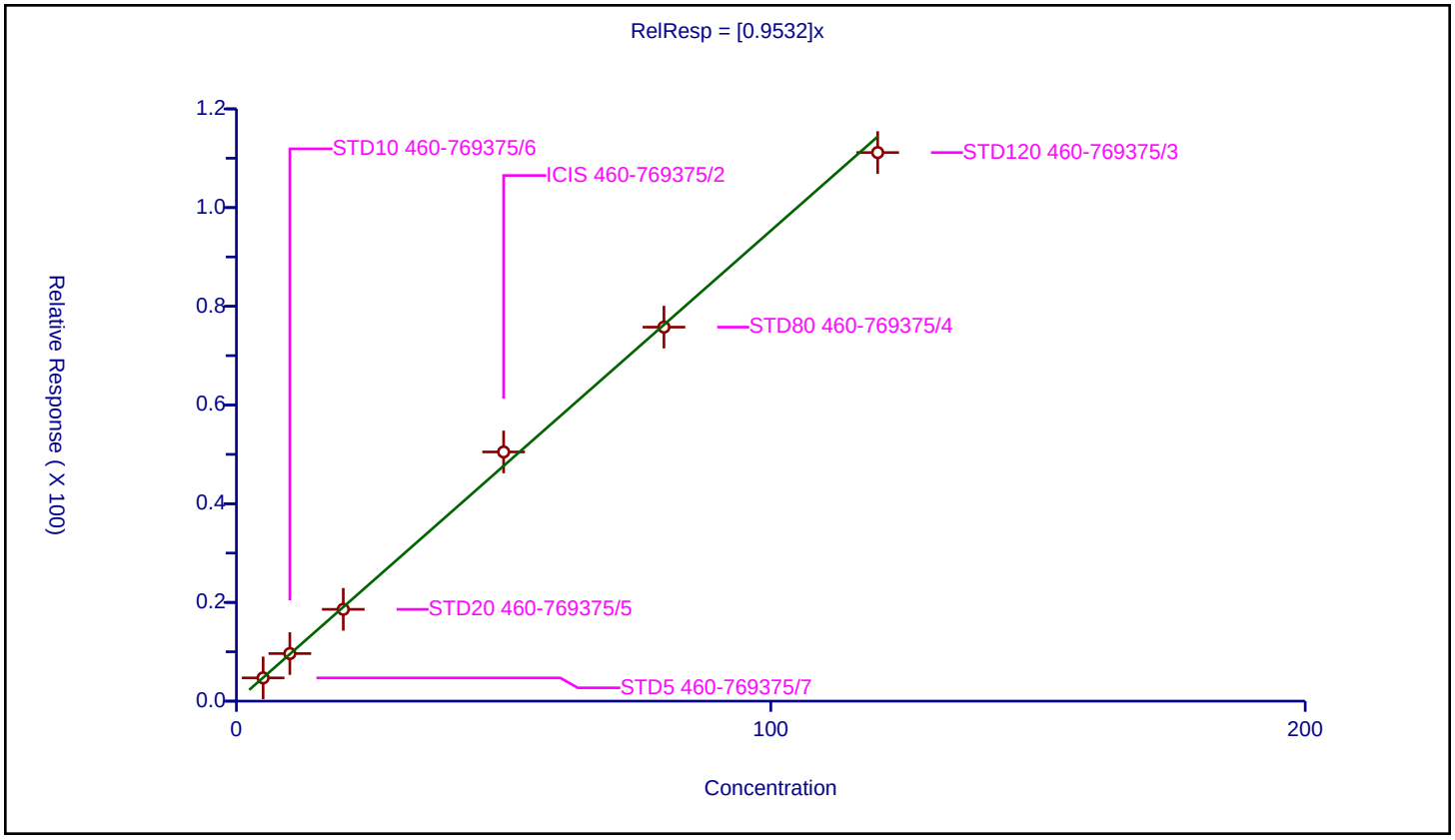
Curve Coefficients

Intercept:	0
Slope:	0.9532

Error Coefficients

Standard Error:	364000
Relative Standard Error:	3.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	4.709549	40.0	222034.0	0.94191	Y
2	STD10 460-769375/6	10.0	9.639452	40.0	219971.0	0.963945	Y
3	STD20 460-769375/5	20.0	18.600716	40.0	239251.0	0.930036	Y
4	ICIS 460-769375/2	50.0	50.491789	40.0	229753.0	1.009836	Y
5	STD80 460-769375/4	80.0	75.780063	40.0	223700.0	0.947251	Y
6	STD120 460-769375/3	120.0	111.148591	40.0	222577.0	0.926238	Y



Calibration / Dimethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

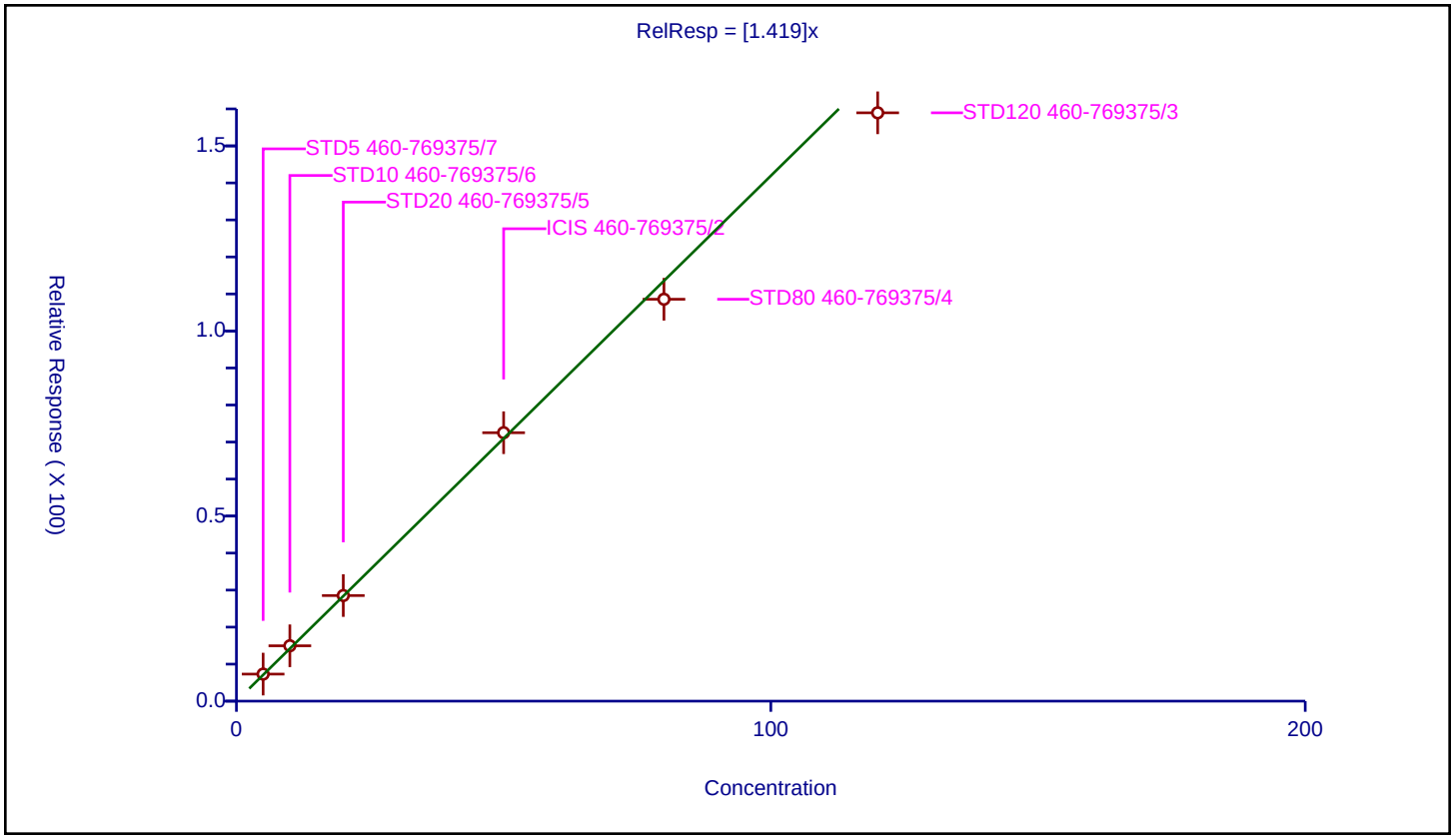
Curve Coefficients

Intercept:	0
Slope:	1.419

Error Coefficients

Standard Error:	522000
Relative Standard Error:	4.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	7.30807	40.0	222034.0	1.461614	Y
2	STD10 460-769375/6	10.0	14.953789	40.0	219971.0	1.495379	Y
3	STD20 460-769375/5	20.0	28.529369	40.0	239251.0	1.426468	Y
4	ICIS 460-769375/2	50.0	72.515963	40.0	229753.0	1.450319	Y
5	STD80 460-769375/4	80.0	108.574877	40.0	223700.0	1.357186	Y
6	STD120 460-769375/3	120.0	158.940412	40.0	222577.0	1.324503	Y



Calibration / Coumarin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

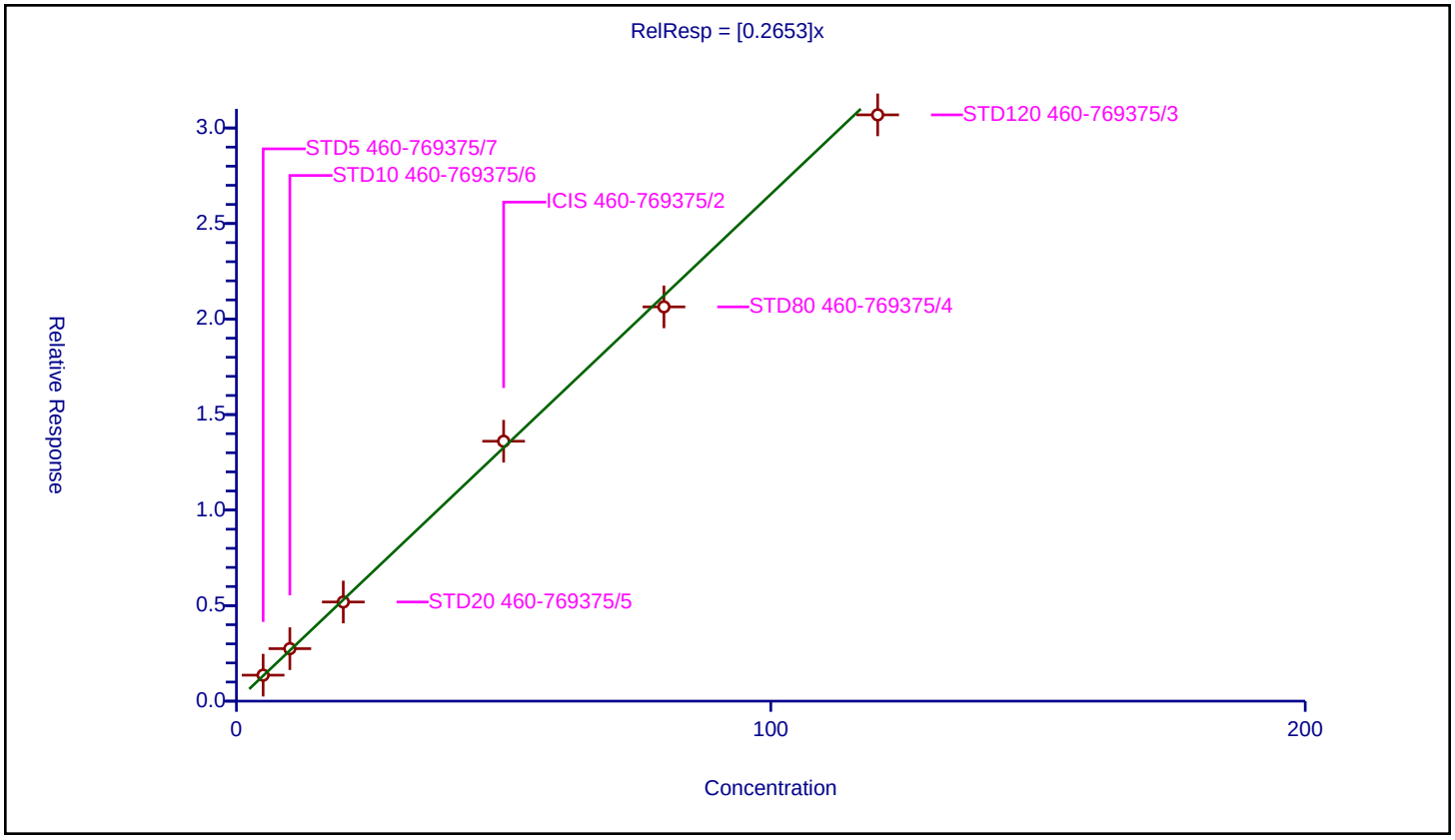
Curve Coefficients

Intercept:	0
Slope:	0.2653

Error Coefficients

Standard Error:	182000
Relative Standard Error:	3.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	1.360252	40.0	398838.0	0.27205	Y
2	STD10 460-769375/6	10.0	2.746983	40.0	401313.0	0.274698	Y
3	STD20 460-769375/5	20.0	5.190149	40.0	444573.0	0.259507	Y
4	ICIS 460-769375/2	50.0	13.604771	40.0	417824.0	0.272095	Y
5	STD80 460-769375/4	80.0	20.638296	40.0	405768.0	0.257979	Y
6	STD120 460-769375/3	120.0	30.687488	40.0	404909.0	0.255729	Y



Calibration / 2,6-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

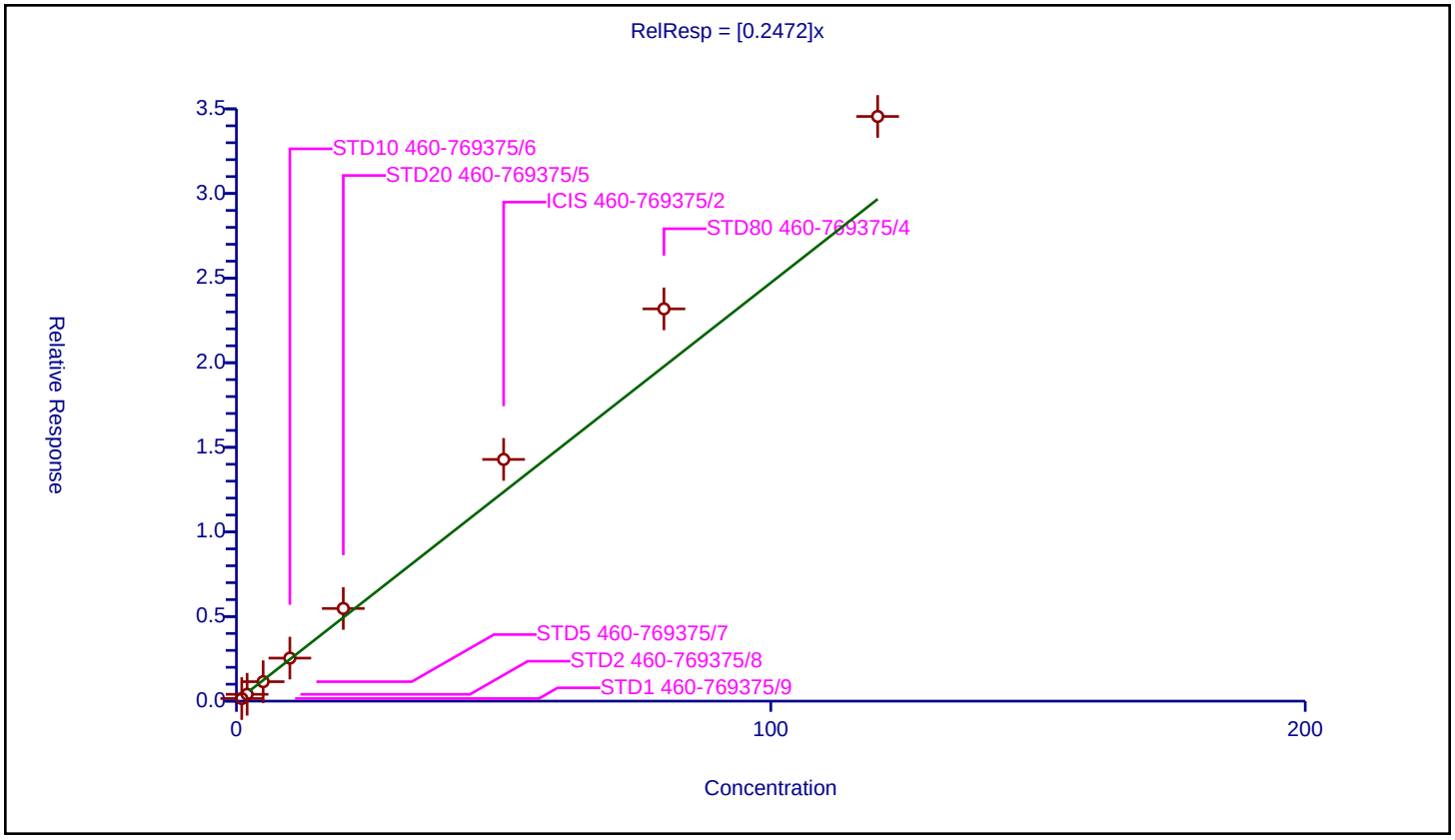
Curve Coefficients

Intercept:	0
Slope:	0.2472

Error Coefficients

Standard Error:	94000
Relative Standard Error:	19.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.959

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769375/9	1.0	0.154218	40.0	239661.0	0.154218	Y
2	STD2 460-769375/8	2.0	0.404502	40.0	230011.0	0.202251	Y
3	STD5 460-769375/7	5.0	1.149013	40.0	222034.0	0.229803	Y
4	STD10 460-769375/6	10.0	2.543426	40.0	219971.0	0.254343	Y
5	STD20 460-769375/5	20.0	5.47726	40.0	239251.0	0.273863	Y
6	ICIS 460-769375/2	50.0	14.284384	40.0	229753.0	0.285688	Y
7	STD80 460-769375/4	80.0	23.18194	40.0	223700.0	0.289774	Y
8	STD120 460-769375/3	120.0	34.553615	40.0	222577.0	0.287947	Y



Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

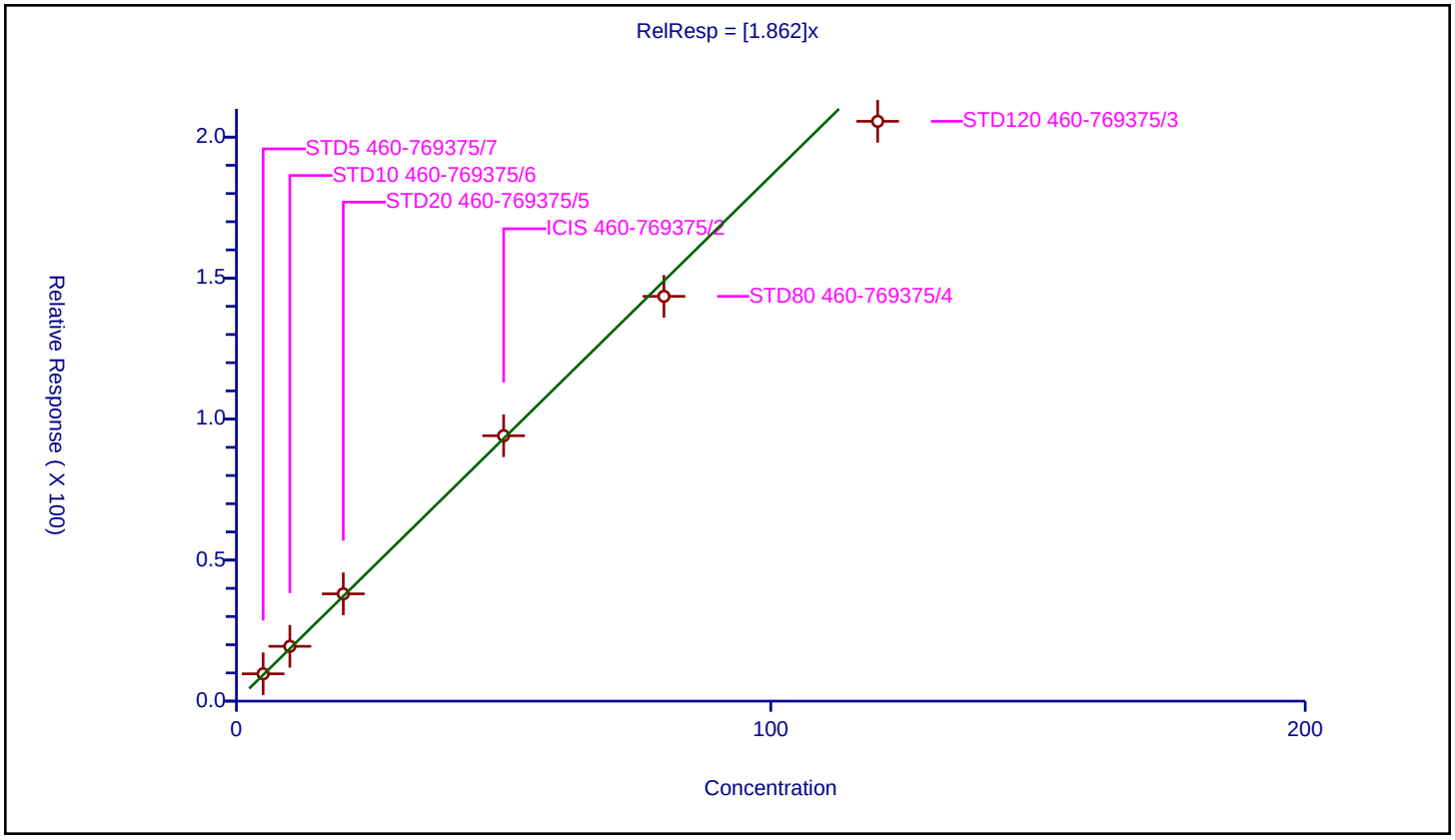
Curve Coefficients

Intercept:	0
Slope:	1.862

Error Coefficients

Standard Error:	680000
Relative Standard Error:	4.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	9.691309	40.0	222034.0	1.938262	Y
2	STD10 460-769375/6	10.0	19.438926	40.0	219971.0	1.943893	Y
3	STD20 460-769375/5	20.0	38.040719	40.0	239251.0	1.902036	Y
4	ICIS 460-769375/2	50.0	94.113417	40.0	229753.0	1.882268	Y
5	STD80 460-769375/4	80.0	143.536343	40.0	223700.0	1.794204	Y
6	STD120 460-769375/3	120.0	205.594289	40.0	222577.0	1.713286	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

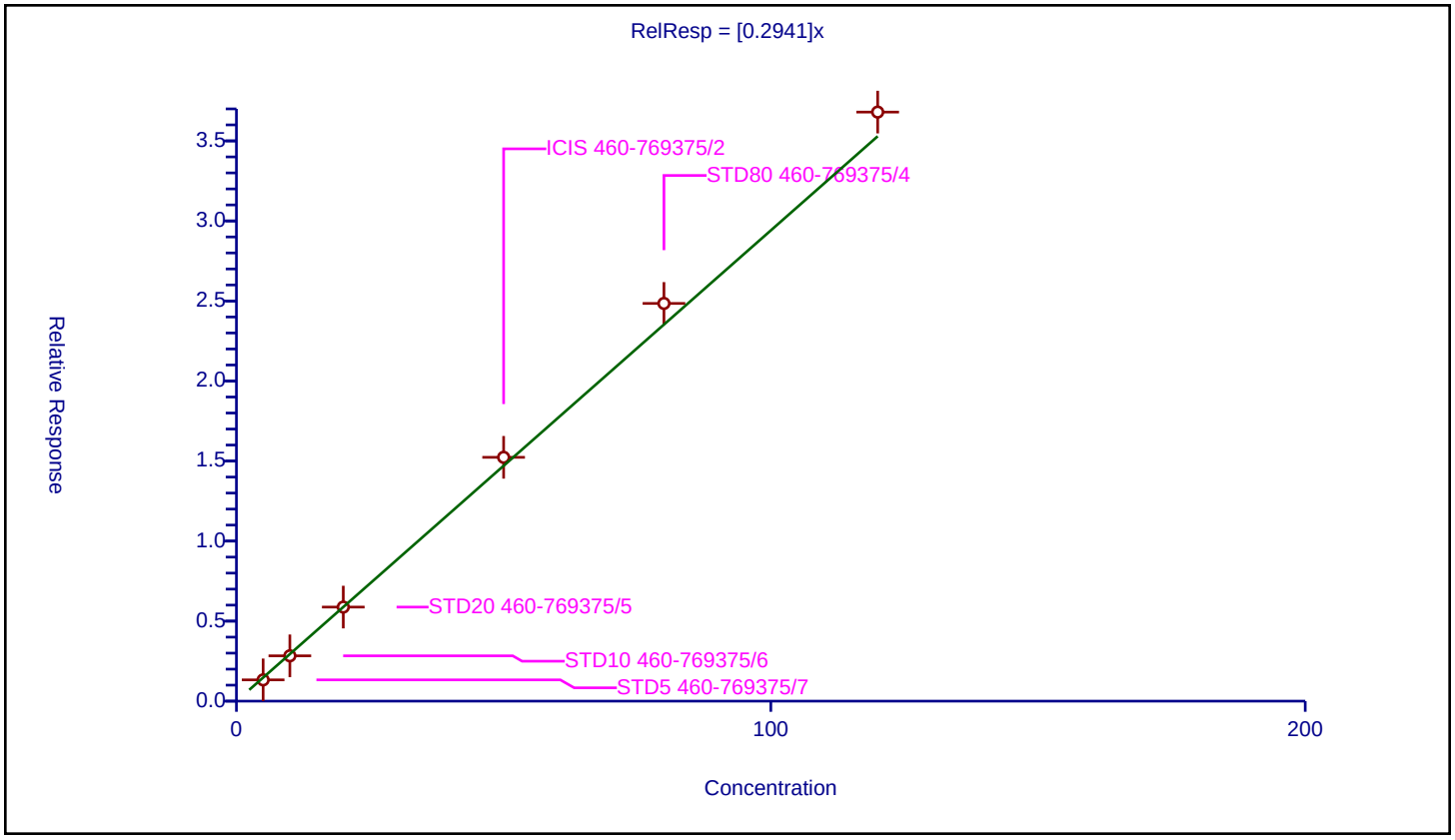
Curve Coefficients

Intercept:	0
Slope:	0.2941

Error Coefficients

Standard Error:	119000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	1.328625	40.0	222034.0	0.265725	Y
2	STD10 460-769375/6	10.0	2.830373	40.0	219971.0	0.283037	Y
3	STD20 460-769375/5	20.0	5.87567	40.0	239251.0	0.293784	Y
4	ICIS 460-769375/2	50.0	15.232532	40.0	229753.0	0.304651	Y
5	STD80 460-769375/4	80.0	24.846312	40.0	223700.0	0.310579	Y
6	STD120 460-769375/3	120.0	36.800748	40.0	222577.0	0.306673	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

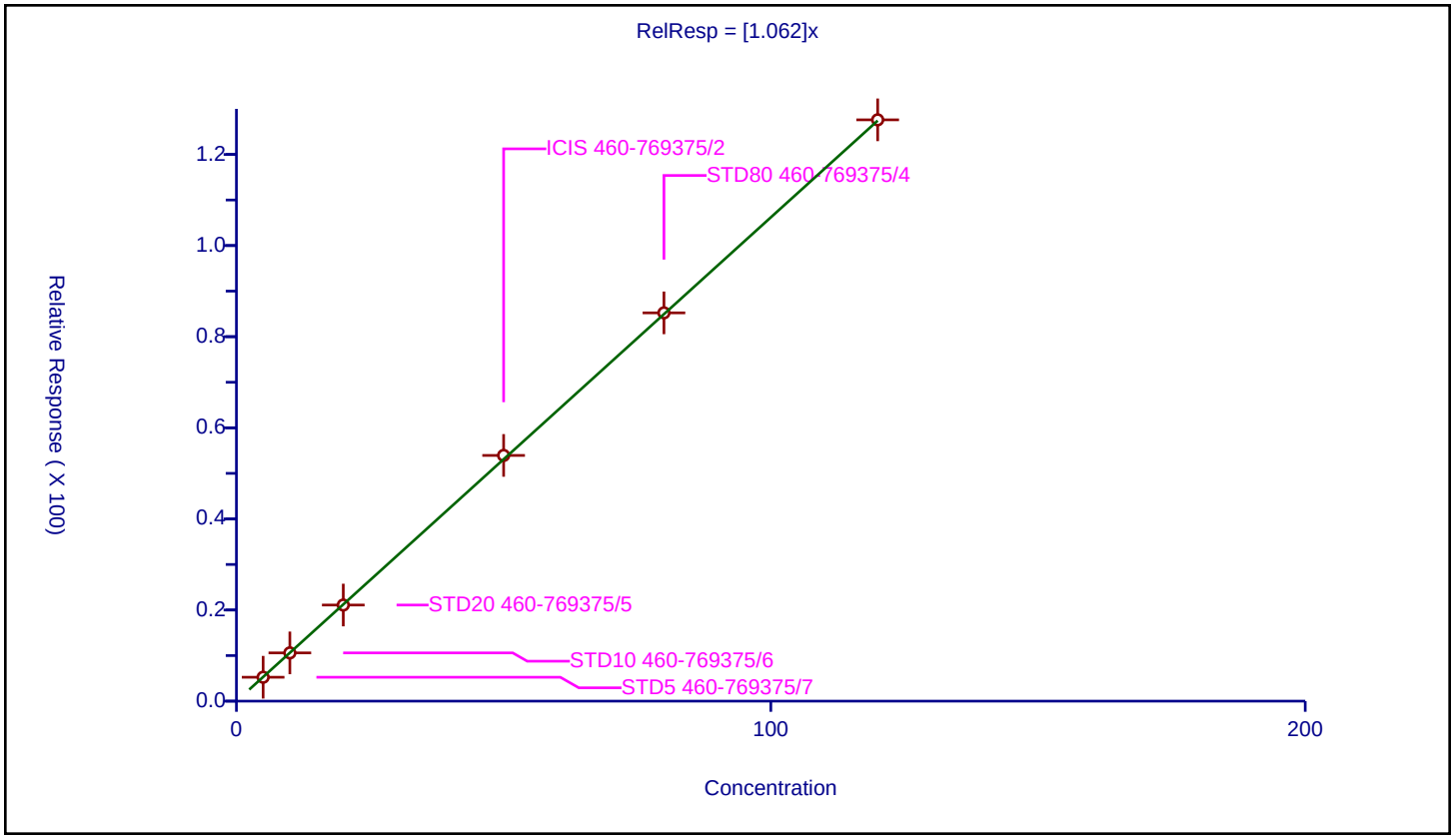
Curve Coefficients

Intercept:	0
Slope:	1.062

Error Coefficients

Standard Error:	412000
Relative Standard Error:	0.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	5.247665	40.0	222034.0	1.049533	Y
2	STD10 460-769375/6	10.0	10.592669	40.0	219971.0	1.059267	Y
3	STD20 460-769375/5	20.0	21.097676	40.0	239251.0	1.054884	Y
4	ICIS 460-769375/2	50.0	53.93392	40.0	229753.0	1.078678	Y
5	STD80 460-769375/4	80.0	85.228252	40.0	223700.0	1.065353	Y
6	STD120 460-769375/3	120.0	127.599527	40.0	222577.0	1.063329	Y



Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

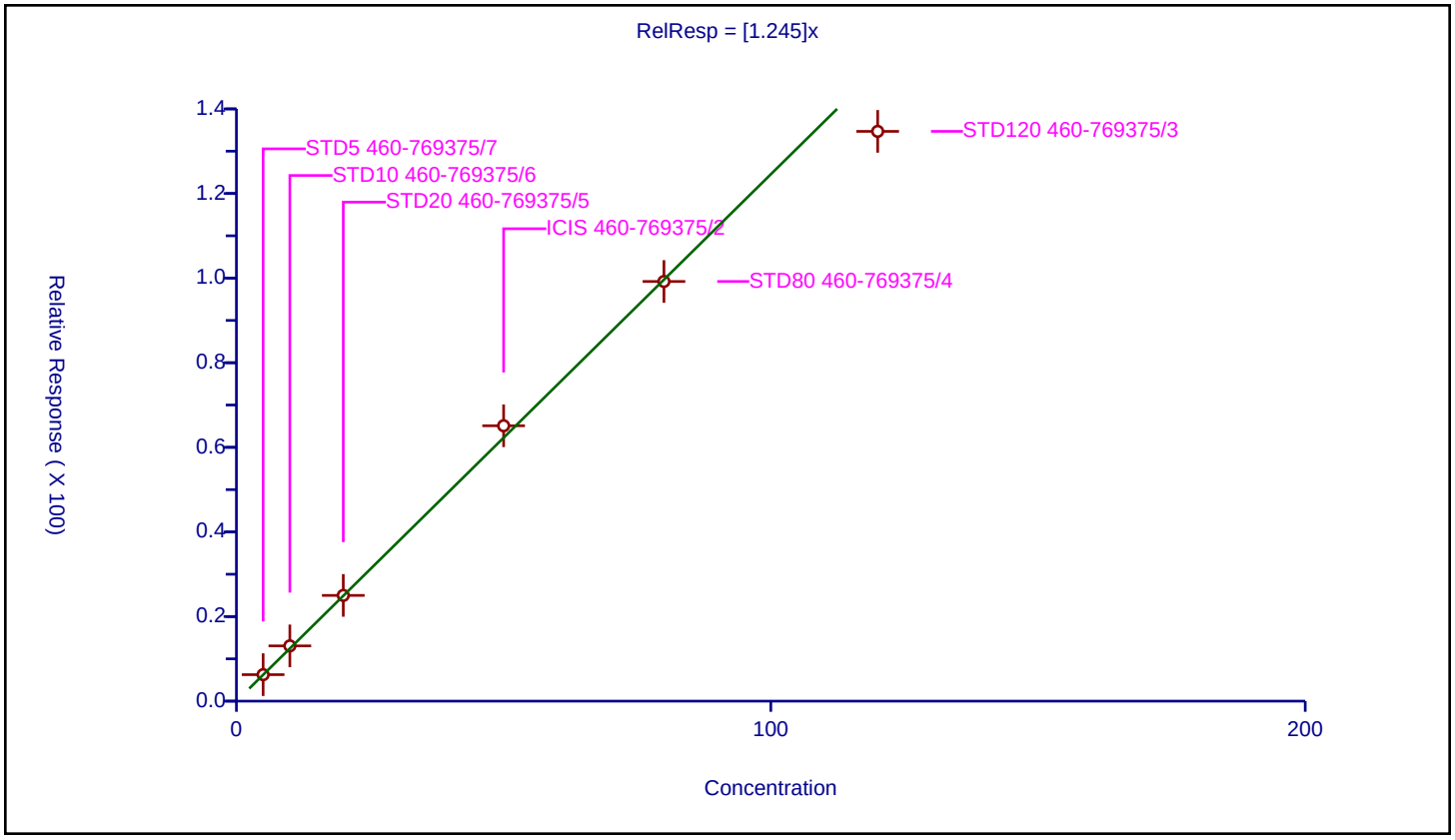
Curve Coefficients

Intercept:	0
Slope:	1.245

Error Coefficients

Standard Error:	456000
Relative Standard Error:	5.3
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	6.260483	40.0	222034.0	1.252097	Y
2	STD10 460-769375/6	10.0	13.062267	40.0	219971.0	1.306227	Y
3	STD20 460-769375/5	20.0	24.992665	40.0	239251.0	1.249633	Y
4	ICIS 460-769375/2	50.0	65.097909	40.0	229753.0	1.301958	Y
5	STD80 460-769375/4	80.0	99.201609	40.0	223700.0	1.24002	Y
6	STD120 460-769375/3	120.0	134.689209	40.0	222577.0	1.12241	Y



Calibration / 2,4-Dinitrophenol

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

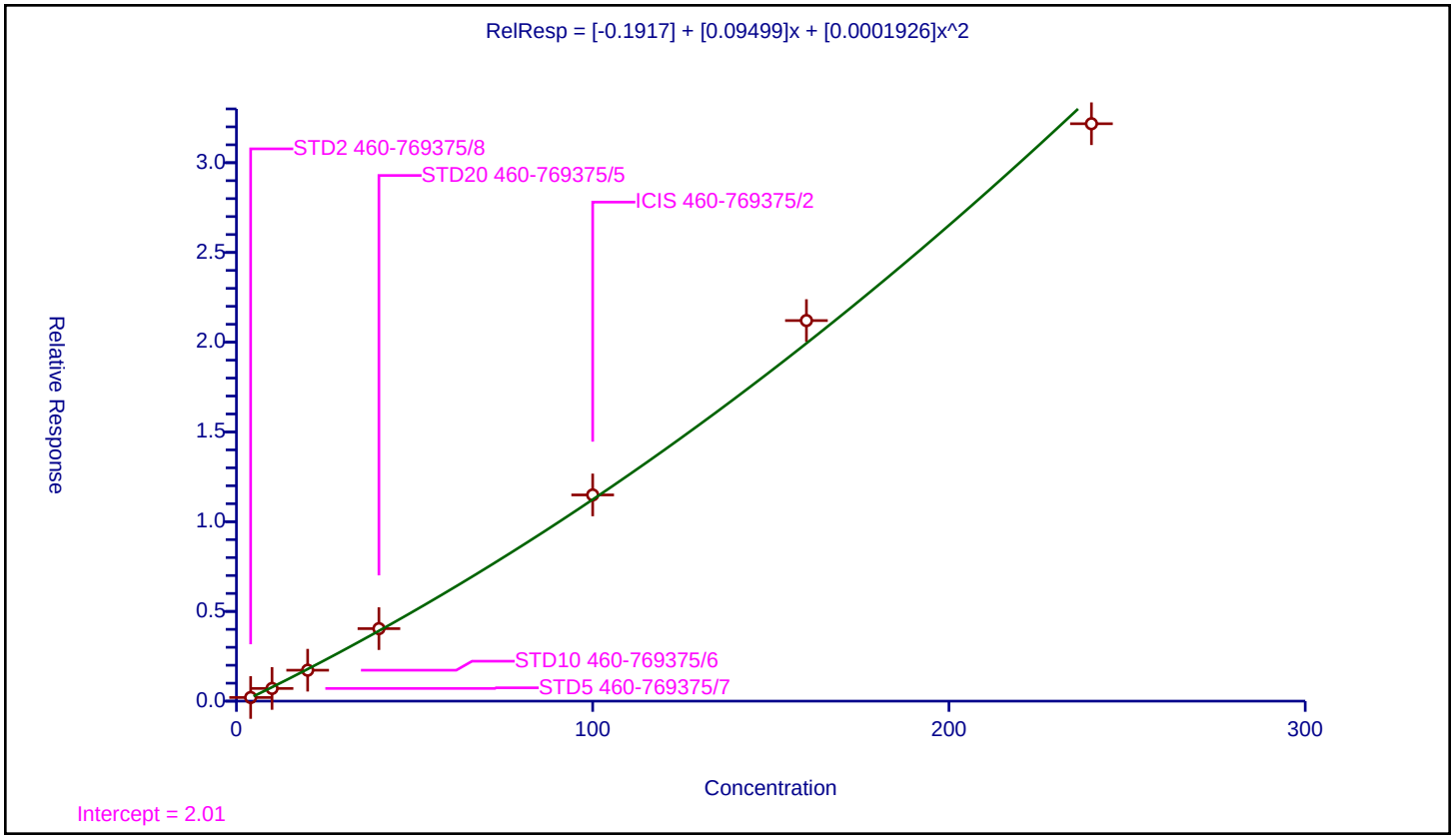
Curve Coefficients

Intercept:	-0.1917
Slope:	0.09499
Second Order:	0.0001926

Error Coefficients

Standard Error:	113000
Relative Standard Error:	5.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769375/8	4.0	0.203121	40.0	230011.0	0.05078	Y
2	STD5 460-769375/7	10.0	0.706739	40.0	222034.0	0.070674	Y
3	STD10 460-769375/6	20.0	1.723318	40.0	219971.0	0.086166	Y
4	STD20 460-769375/5	40.0	4.039774	40.0	239251.0	0.100994	Y
5	ICIS 460-769375/2	100.0	11.490775	40.0	229753.0	0.114908	Y
6	STD80 460-769375/4	160.0	21.205543	40.0	223700.0	0.132535	Y
7	STD120 460-769375/3	240.0	32.172776	40.0	222577.0	0.134053	Y



Calibration / 4-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

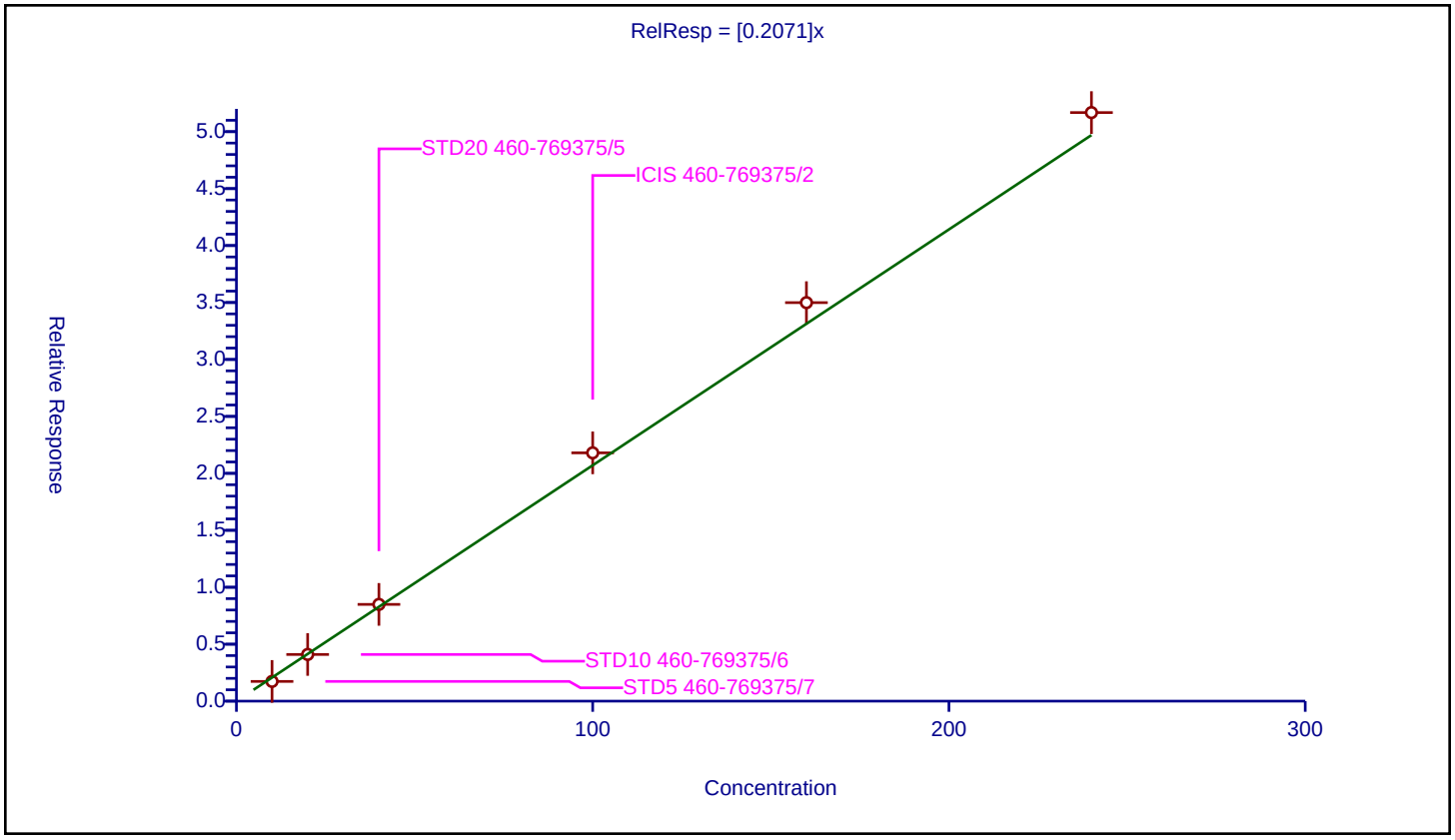
Curve Coefficients

Intercept:	0
Slope:	0.2071

Error Coefficients

Standard Error:	167000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	10.0	1.731987	40.0	222034.0	0.173199	Y
2	STD10 460-769375/6	20.0	4.097813	40.0	219971.0	0.204891	Y
3	STD20 460-769375/5	40.0	8.493674	40.0	239251.0	0.212342	Y
4	ICIS 460-769375/2	100.0	21.801152	40.0	229753.0	0.218012	Y
5	STD80 460-769375/4	160.0	34.990612	40.0	223700.0	0.218691	Y
6	STD120 460-769375/3	240.0	51.677038	40.0	222577.0	0.215321	Y



Calibration / 2,4-Dinitrotoluene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

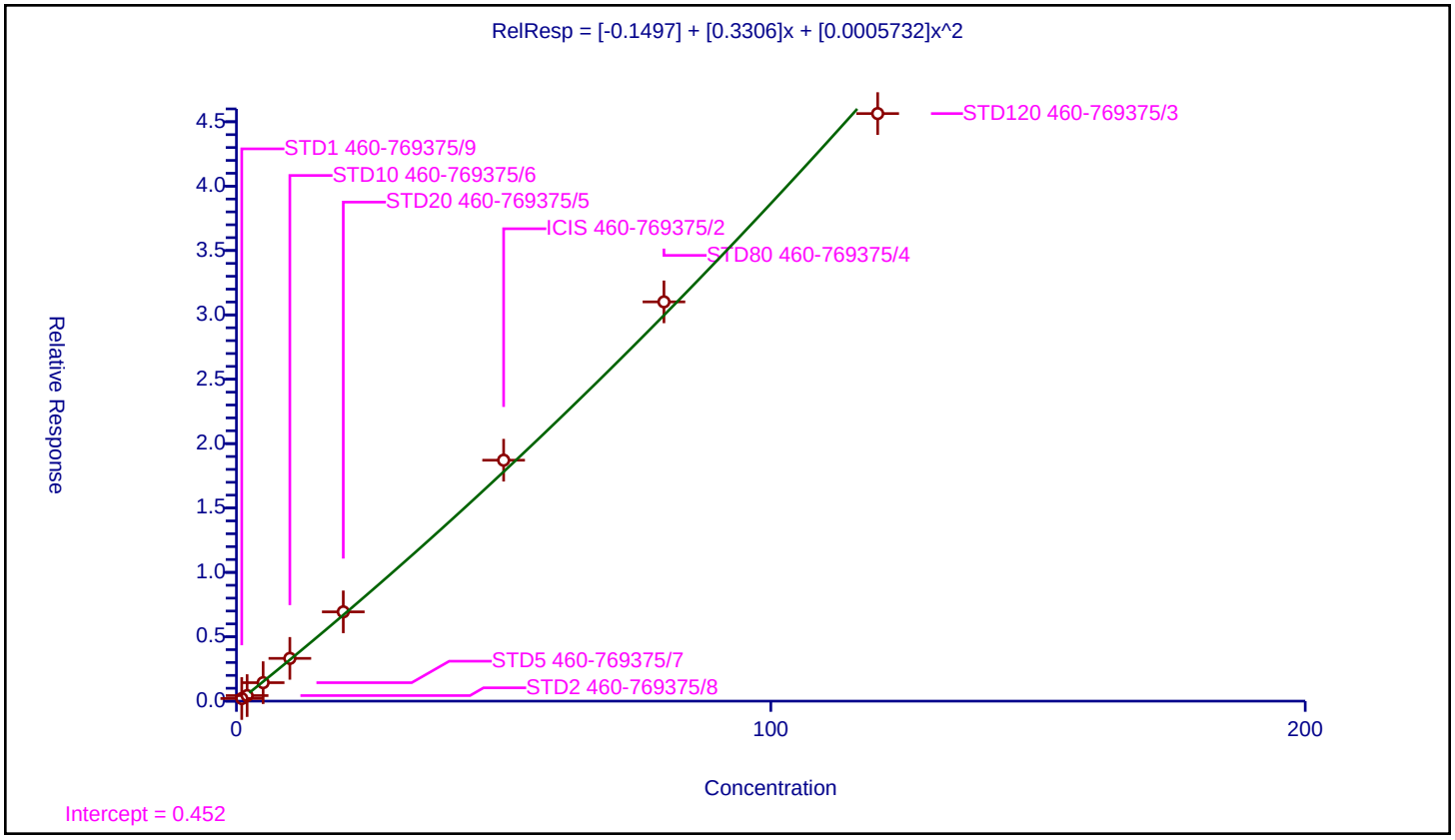
Curve Coefficients

Intercept:	-0.1497
Slope:	0.3306
Second Order:	0.0005732

Error Coefficients

Standard Error:	147000
Relative Standard Error:	7.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769375/9	1.0	0.203287	40.0	239661.0	0.203287	Y
2	STD2 460-769375/8	2.0	0.431805	40.0	230011.0	0.215903	Y
3	STD5 460-769375/7	5.0	1.434735	40.0	222034.0	0.286947	Y
4	STD10 460-769375/6	10.0	3.320438	40.0	219971.0	0.332044	Y
5	STD20 460-769375/5	20.0	6.934307	40.0	239251.0	0.346715	Y
6	ICIS 460-769375/2	50.0	18.713836	40.0	229753.0	0.374277	Y
7	STD80 460-769375/4	80.0	31.012785	40.0	223700.0	0.38766	Y
8	STD120 460-769375/3	120.0	45.636701	40.0	222577.0	0.380306	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

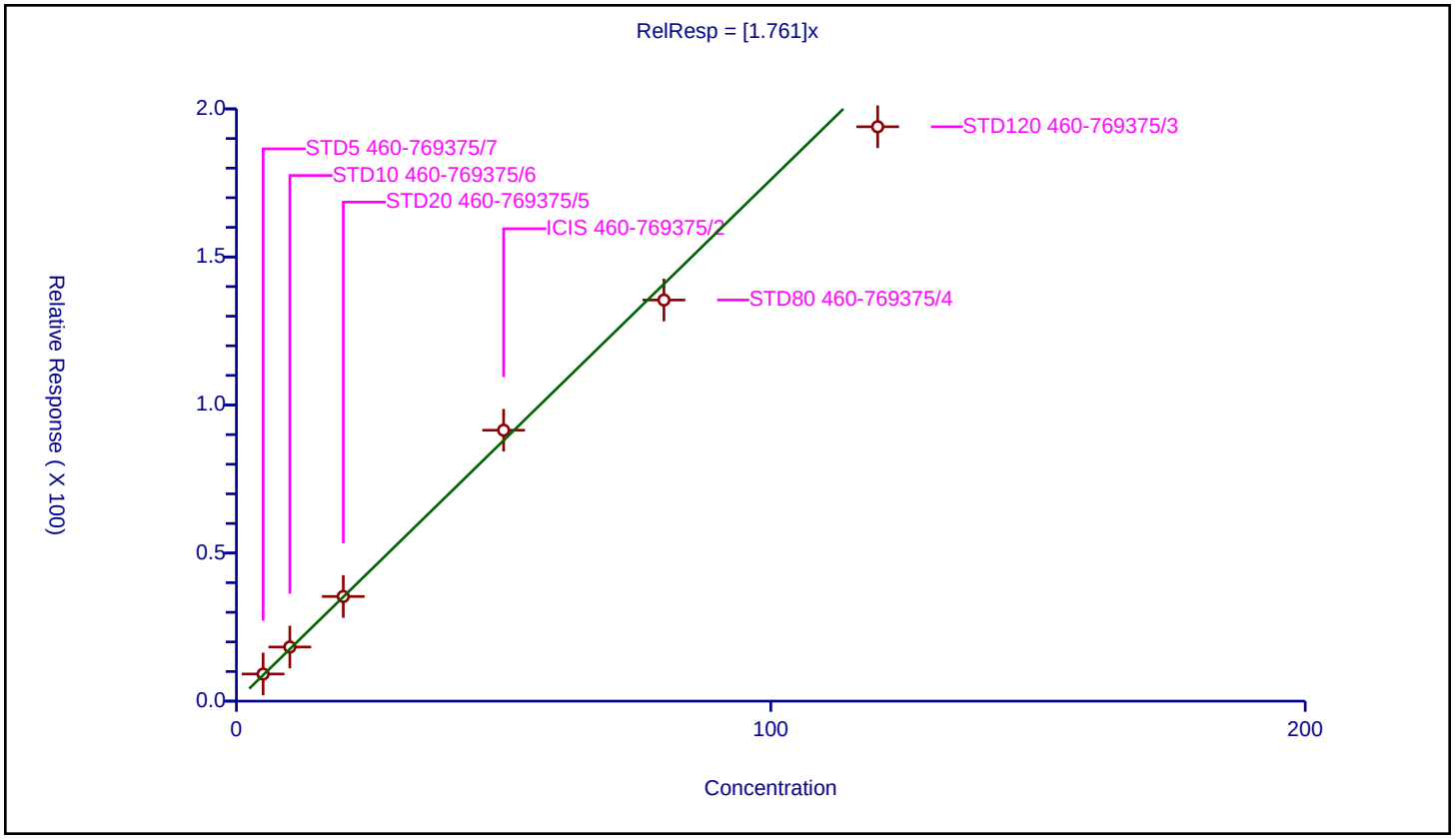
Curve Coefficients

Intercept:	0
Slope:	1.761

Error Coefficients

Standard Error:	644000
Relative Standard Error:	5.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	9.156255	40.0	222034.0	1.831251	Y
2	STD10 460-769375/6	10.0	18.276591	40.0	219971.0	1.827659	Y
3	STD20 460-769375/5	20.0	35.345641	40.0	239251.0	1.767282	Y
4	ICIS 460-769375/2	50.0	91.488512	40.0	229753.0	1.82977	Y
5	STD80 460-769375/4	80.0	135.456951	40.0	223700.0	1.693212	Y
6	STD120 460-769375/3	120.0	193.962539	40.0	222577.0	1.616354	Y



Calibration / 2,3,4,6-Tetrachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

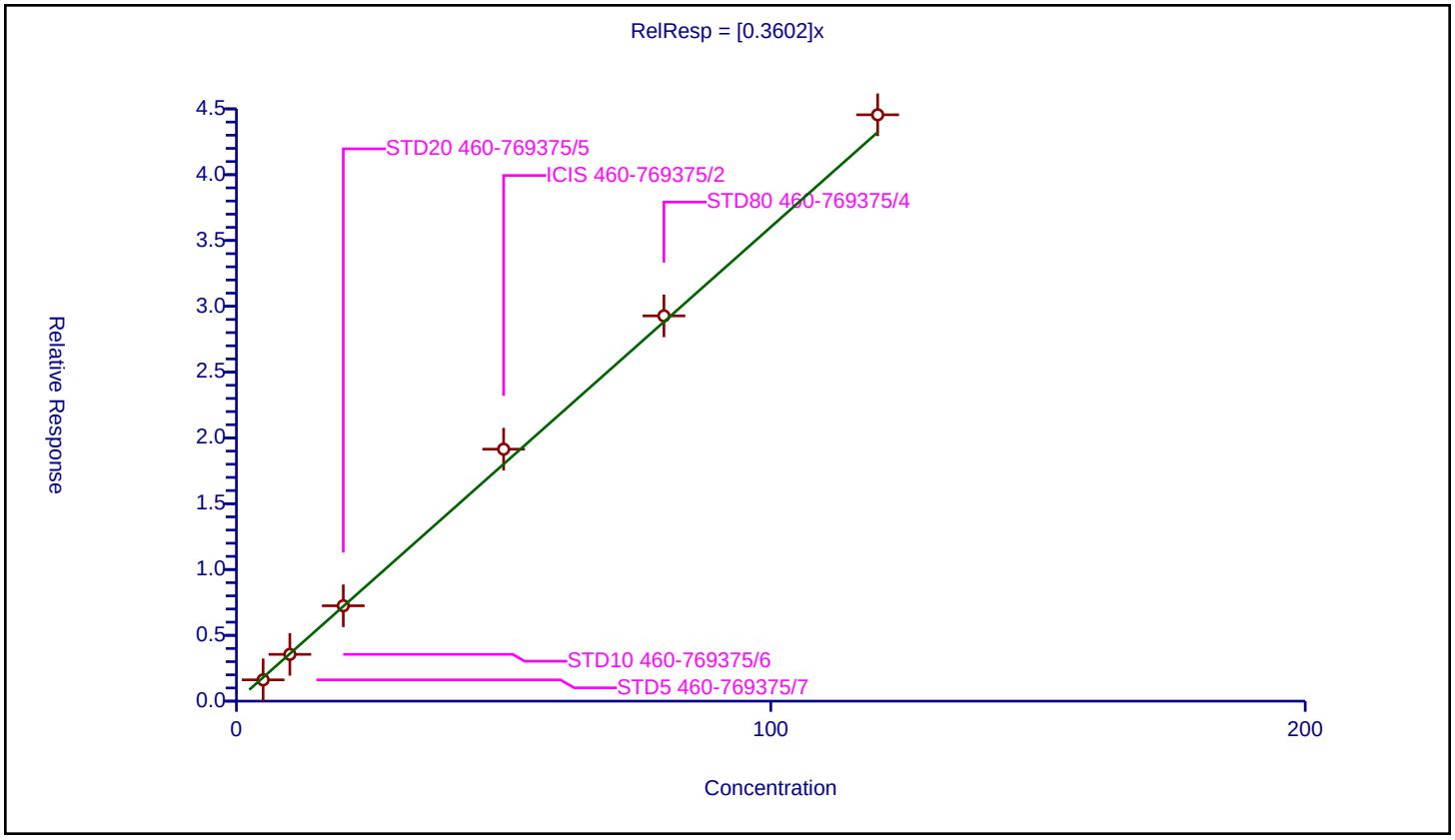
Curve Coefficients

Intercept:	0
Slope:	0.3602

Error Coefficients

Standard Error:	143000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	1.618131	40.0	222034.0	0.323626	Y
2	STD10 460-769375/6	10.0	3.554469	40.0	219971.0	0.355447	Y
3	STD20 460-769375/5	20.0	7.245612	40.0	239251.0	0.362281	Y
4	ICIS 460-769375/2	50.0	19.145256	40.0	229753.0	0.382905	Y
5	STD80 460-769375/4	80.0	29.273491	40.0	223700.0	0.365919	Y
6	STD120 460-769375/3	120.0	44.551593	40.0	222577.0	0.371263	Y



Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

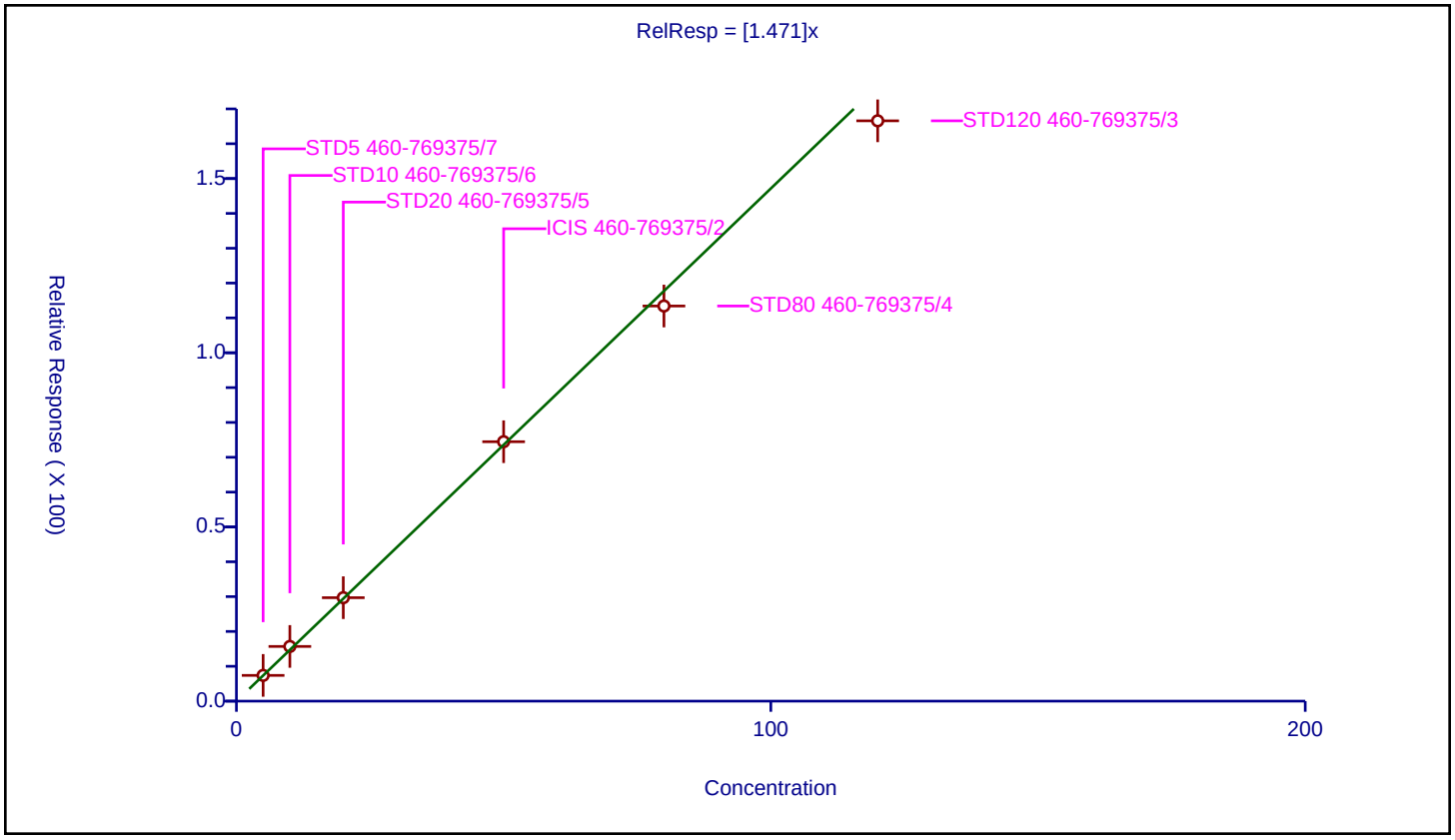
Curve Coefficients

Intercept:	0
Slope:	1.471

Error Coefficients

Standard Error:	545000
Relative Standard Error:	4.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	7.39094	40.0	222034.0	1.478188	Y
2	STD10 460-769375/6	10.0	15.701524	40.0	219971.0	1.570152	Y
3	STD20 460-769375/5	20.0	29.697514	40.0	239251.0	1.484876	Y
4	ICIS 460-769375/2	50.0	74.468843	40.0	229753.0	1.489377	Y
5	STD80 460-769375/4	80.0	113.421904	40.0	223700.0	1.417774	Y
6	STD120 460-769375/3	120.0	166.572467	40.0	222577.0	1.388104	Y



Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

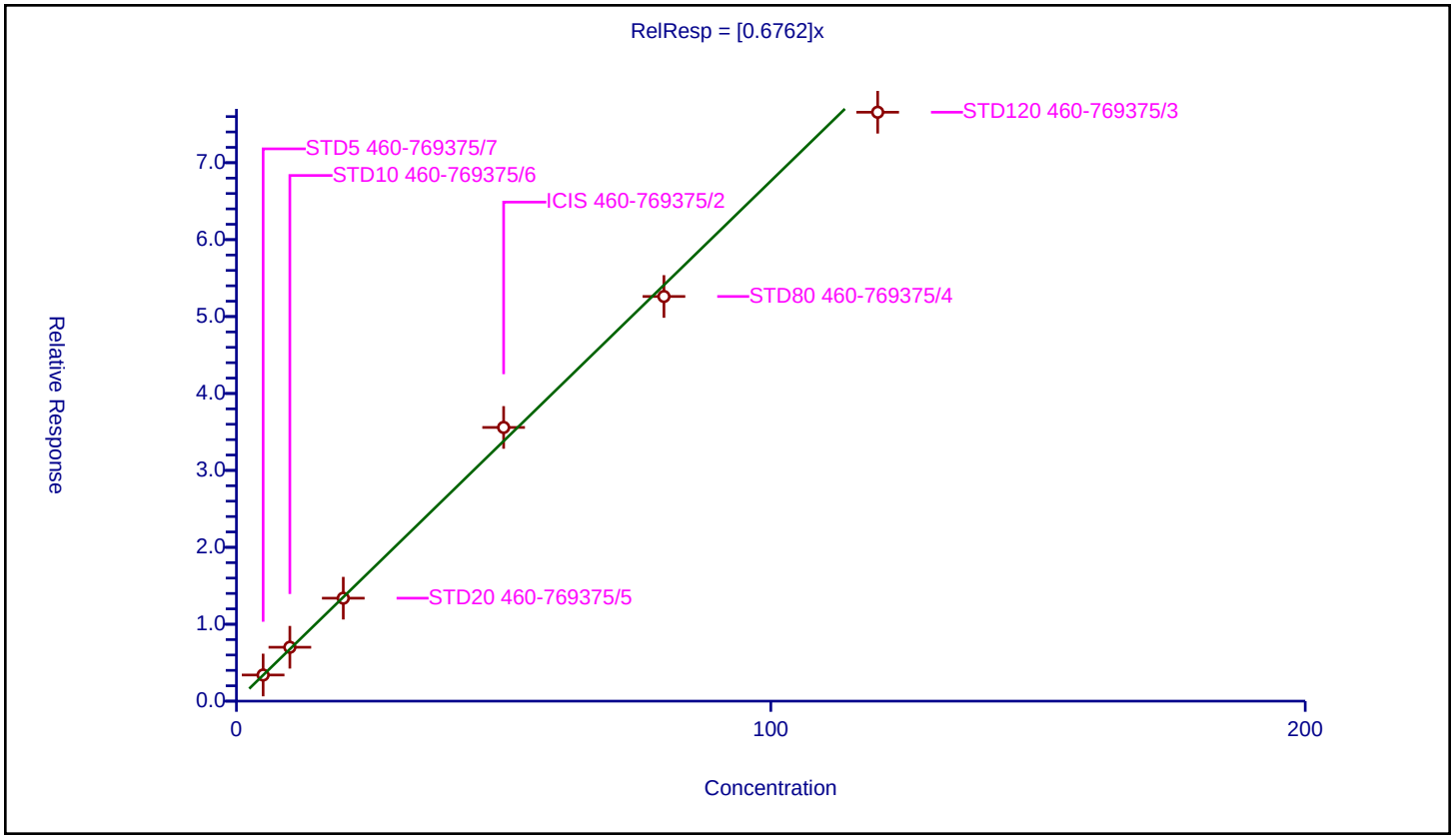
Curve Coefficients

Intercept:	0
Slope:	0.6762

Error Coefficients

Standard Error:	252000
Relative Standard Error:	4.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	3.40038	40.0	222034.0	0.680076	Y
2	STD10 460-769375/6	10.0	7.006014	40.0	219971.0	0.700601	Y
3	STD20 460-769375/5	20.0	13.385608	40.0	239251.0	0.66928	Y
4	ICIS 460-769375/2	50.0	35.584824	40.0	229753.0	0.711696	Y
5	STD80 460-769375/4	80.0	52.611712	40.0	223700.0	0.657646	Y
6	STD120 460-769375/3	120.0	76.565503	40.0	222577.0	0.638046	Y



Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

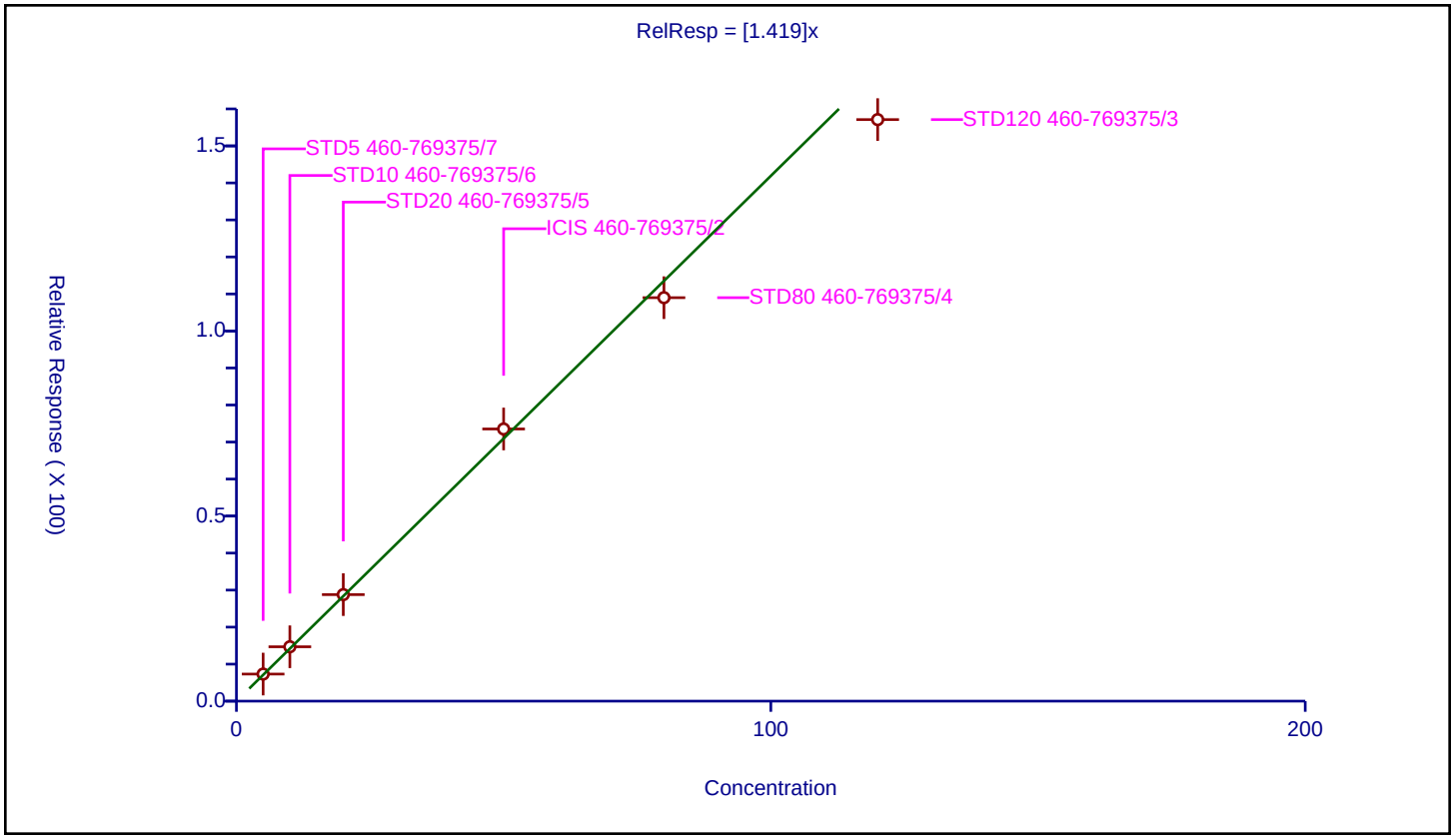
Curve Coefficients

Intercept:	0
Slope:	1.419

Error Coefficients

Standard Error:	520000
Relative Standard Error:	4.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	7.317618	40.0	222034.0	1.463524	Y
2	STD10 460-769375/6	10.0	14.688664	40.0	219971.0	1.468866	Y
3	STD20 460-769375/5	20.0	28.781322	40.0	239251.0	1.439066	Y
4	ICIS 460-769375/2	50.0	73.526962	40.0	229753.0	1.470539	Y
5	STD80 460-769375/4	80.0	109.000983	40.0	223700.0	1.362512	Y
6	STD120 460-769375/3	120.0	157.109674	40.0	222577.0	1.309247	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

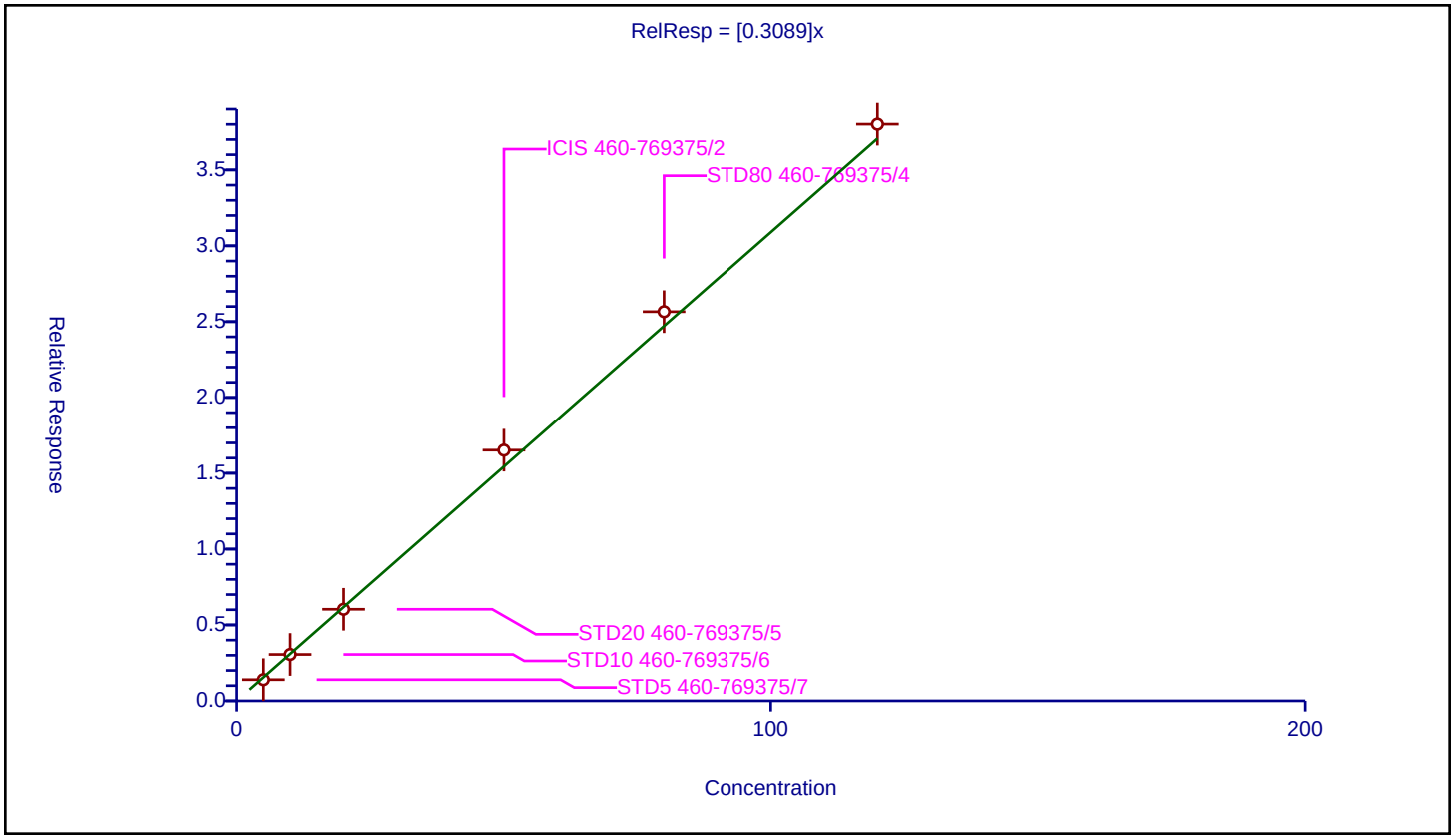
Curve Coefficients

Intercept:	0
Slope:	0.3089

Error Coefficients

Standard Error:	123000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	1.39294	40.0	222034.0	0.278588	Y
2	STD10 460-769375/6	10.0	3.052584	40.0	219971.0	0.305258	Y
3	STD20 460-769375/5	20.0	6.032326	40.0	239251.0	0.301616	Y
4	ICIS 460-769375/2	50.0	16.524877	40.0	229753.0	0.330498	Y
5	STD80 460-769375/4	80.0	25.657577	40.0	223700.0	0.32072	Y
6	STD120 460-769375/3	120.0	38.010936	40.0	222577.0	0.316758	Y



Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

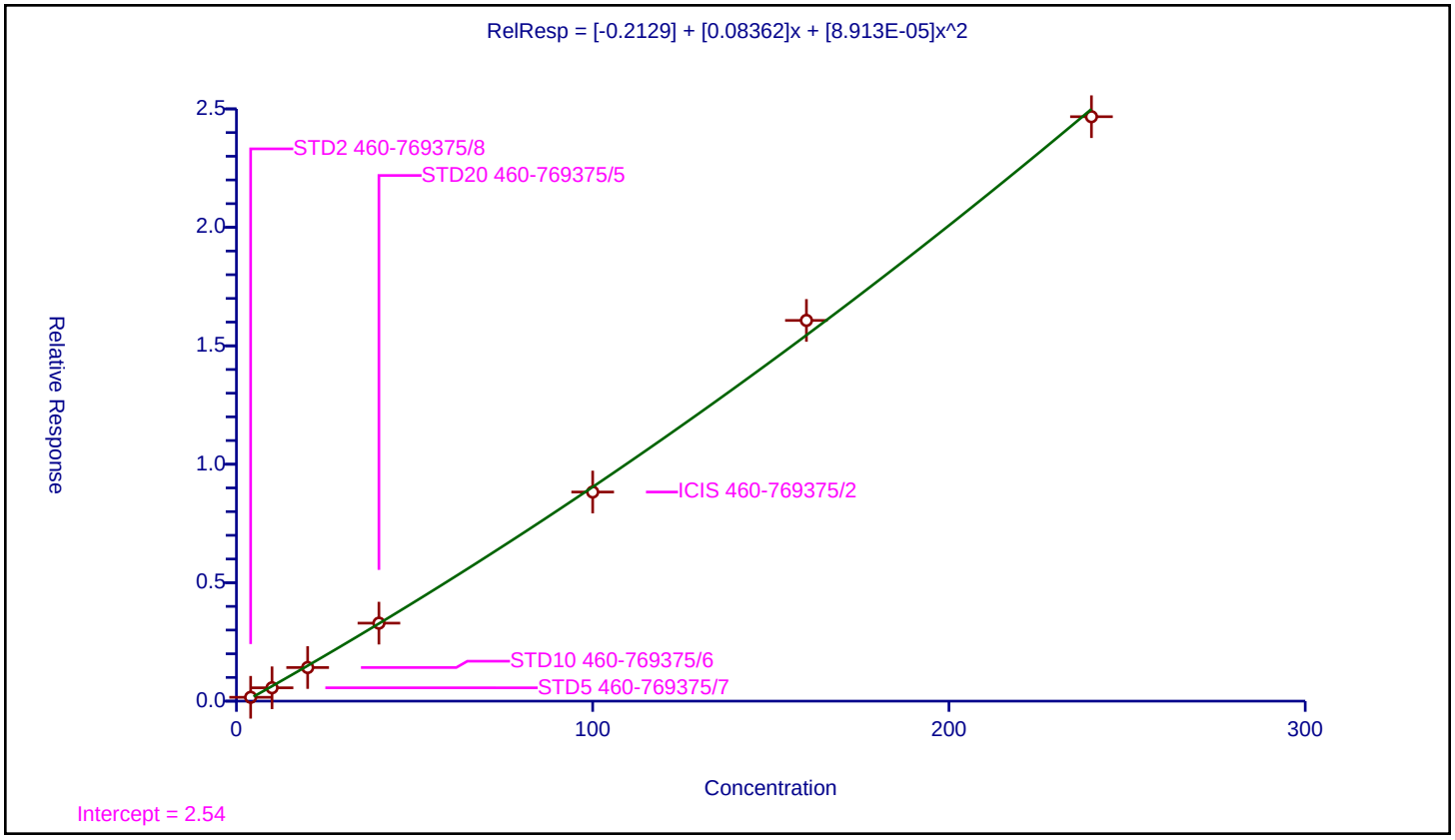
Curve Coefficients

Intercept:	-0.2129
Slope:	0.08362
Second Order:	8.913E-05

Error Coefficients

Standard Error:	158000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769375/8	4.0	0.162355	40.0	424255.0	0.040589	Y
2	STD5 460-769375/7	10.0	0.563875	40.0	409878.0	0.056388	Y
3	STD10 460-769375/6	20.0	1.418054	40.0	407093.0	0.070903	Y
4	STD20 460-769375/5	40.0	3.292219	40.0	435779.0	0.082305	Y
5	ICIS 460-769375/2	100.0	8.827172	40.0	440576.0	0.088272	Y
6	STD80 460-769375/4	160.0	16.071436	40.0	406520.0	0.100446	Y
7	STD120 460-769375/3	240.0	24.670431	40.0	405697.0	0.102793	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

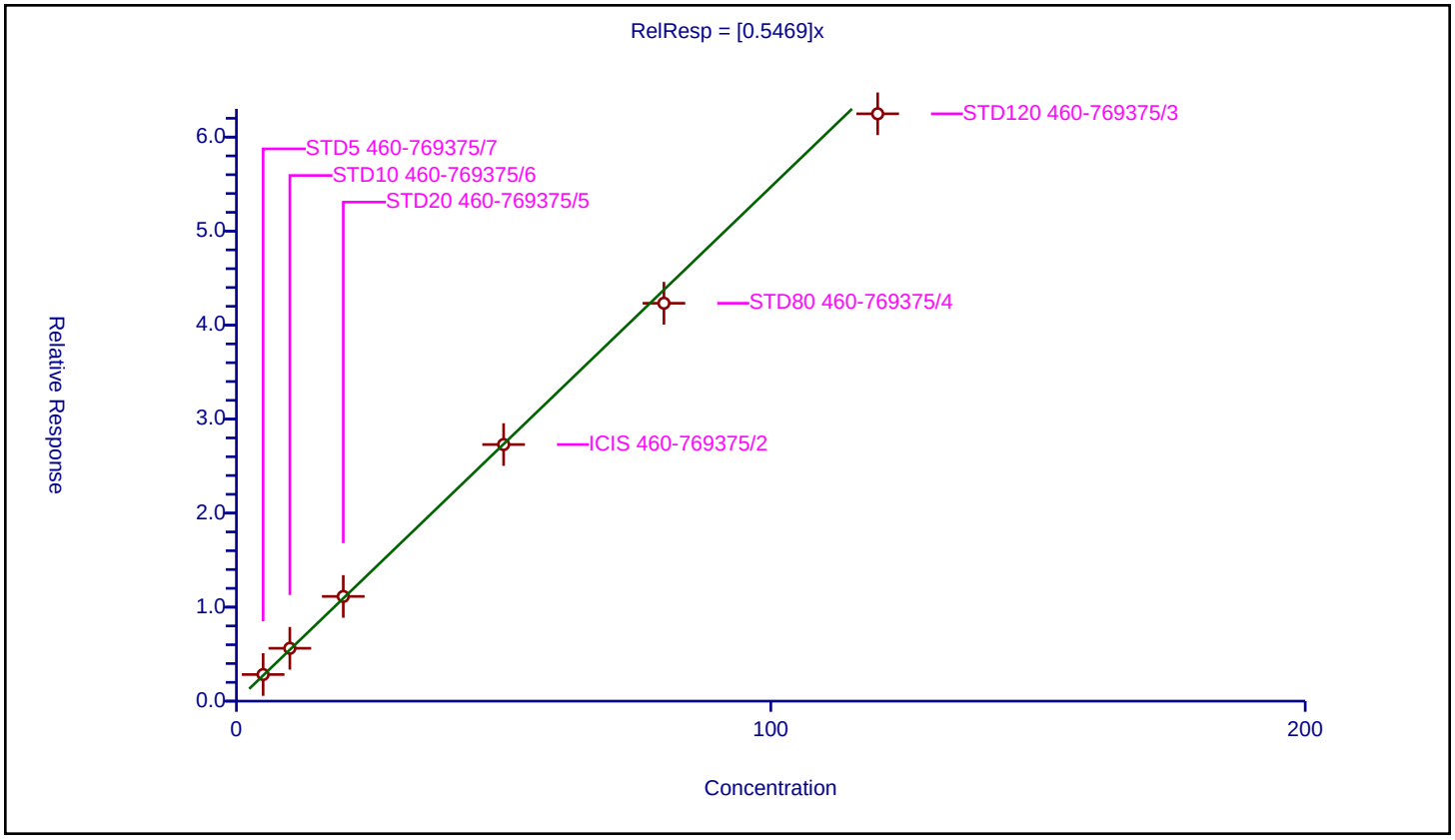
Curve Coefficients

Intercept:	0
Slope:	0.5469

Error Coefficients

Standard Error:	373000
Relative Standard Error:	3.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	2.832648	40.0	409878.0	0.56653	Y
2	STD10 460-769375/6	10.0	5.622401	40.0	407093.0	0.56224	Y
3	STD20 460-769375/5	20.0	11.138582	40.0	435779.0	0.556929	Y
4	ICIS 460-769375/2	50.0	27.297175	40.0	440576.0	0.545943	Y
5	STD80 460-769375/4	80.0	42.327266	40.0	406520.0	0.529091	Y
6	STD120 460-769375/3	120.0	62.478056	40.0	405697.0	0.52065	Y



Calibration / 1,2-Diphenylhydrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

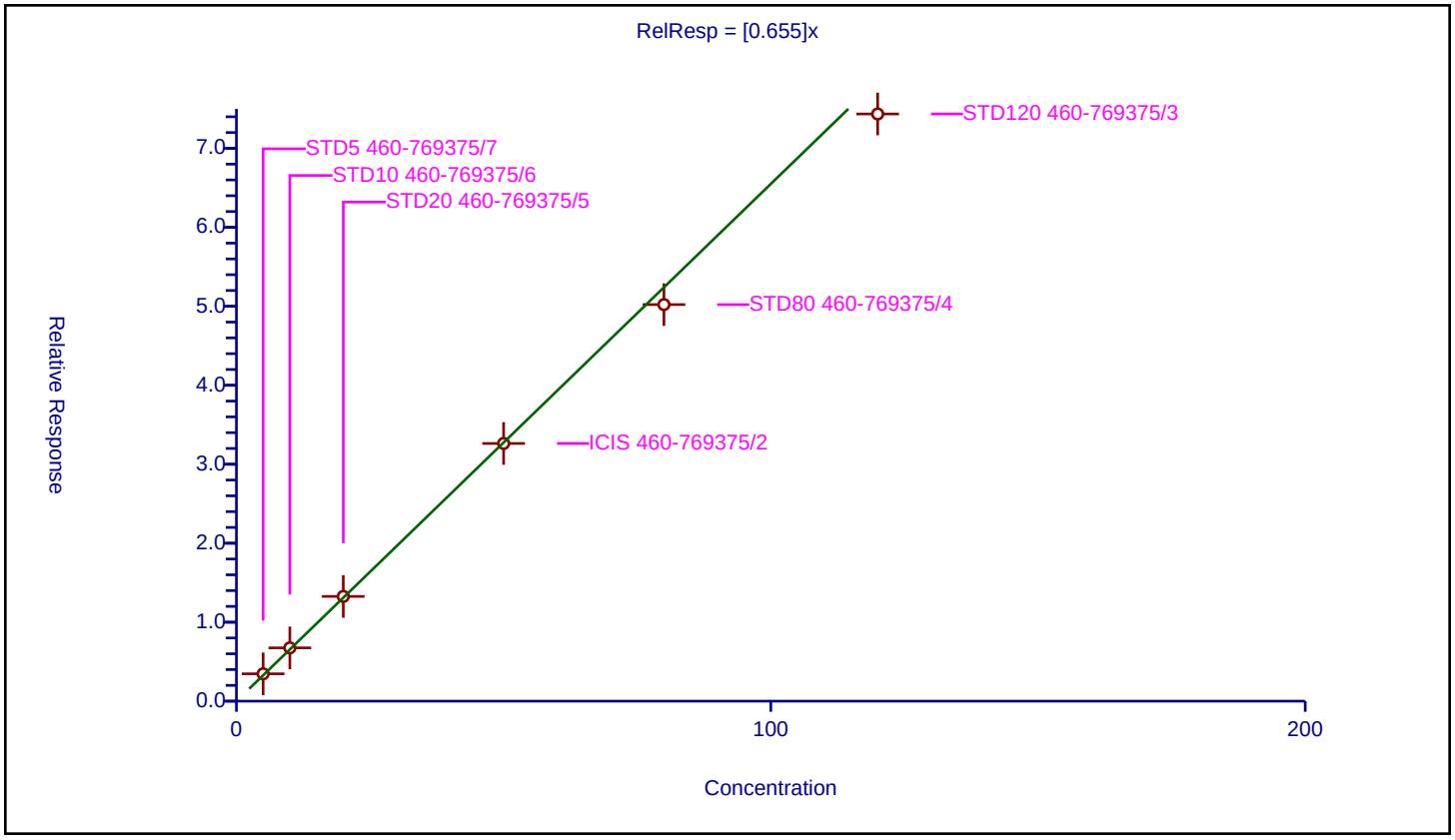
Curve Coefficients

Intercept:	0
Slope:	0.655

Error Coefficients

Standard Error:	444000
Relative Standard Error:	4.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	3.460542	40.0	409878.0	0.692108	Y
2	STD10 460-769375/6	10.0	6.747746	40.0	407093.0	0.674775	Y
3	STD20 460-769375/5	20.0	13.260483	40.0	435779.0	0.663024	Y
4	ICIS 460-769375/2	50.0	32.629648	40.0	440576.0	0.652593	Y
5	STD80 460-769375/4	80.0	50.217554	40.0	406520.0	0.627719	Y
6	STD120 460-769375/3	120.0	74.355886	40.0	405697.0	0.619632	Y



Calibration / 2,4,6-Tribromophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

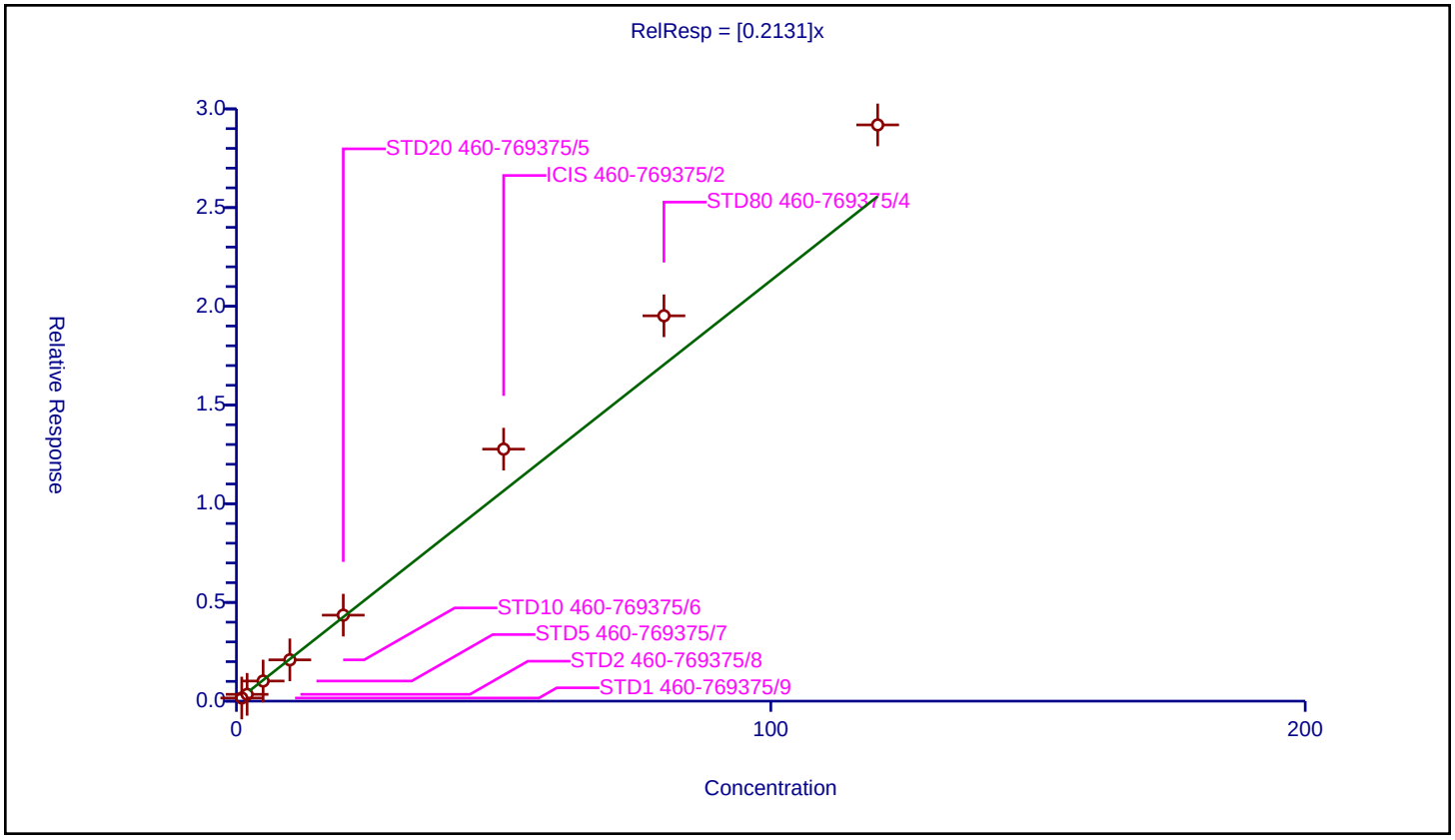
Curve Coefficients

Intercept:	0
Slope:	0.2131

Error Coefficients

Standard Error:	79700
Relative Standard Error:	16.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769375/9	1.0	0.158724	40.0	239661.0	0.158724	Y
2	STD2 460-769375/8	2.0	0.344679	40.0	230011.0	0.17234	Y
3	STD5 460-769375/7	5.0	1.019123	40.0	222034.0	0.203825	Y
4	STD10 460-769375/6	10.0	2.092094	40.0	219971.0	0.209209	Y
5	STD20 460-769375/5	20.0	4.356095	40.0	239251.0	0.217805	Y
6	ICIS 460-769375/2	50.0	12.765361	40.0	229753.0	0.255307	Y
7	STD80 460-769375/4	80.0	19.519893	40.0	223700.0	0.243999	Y
8	STD120 460-769375/3	120.0	29.189539	40.0	222577.0	0.243246	Y



Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

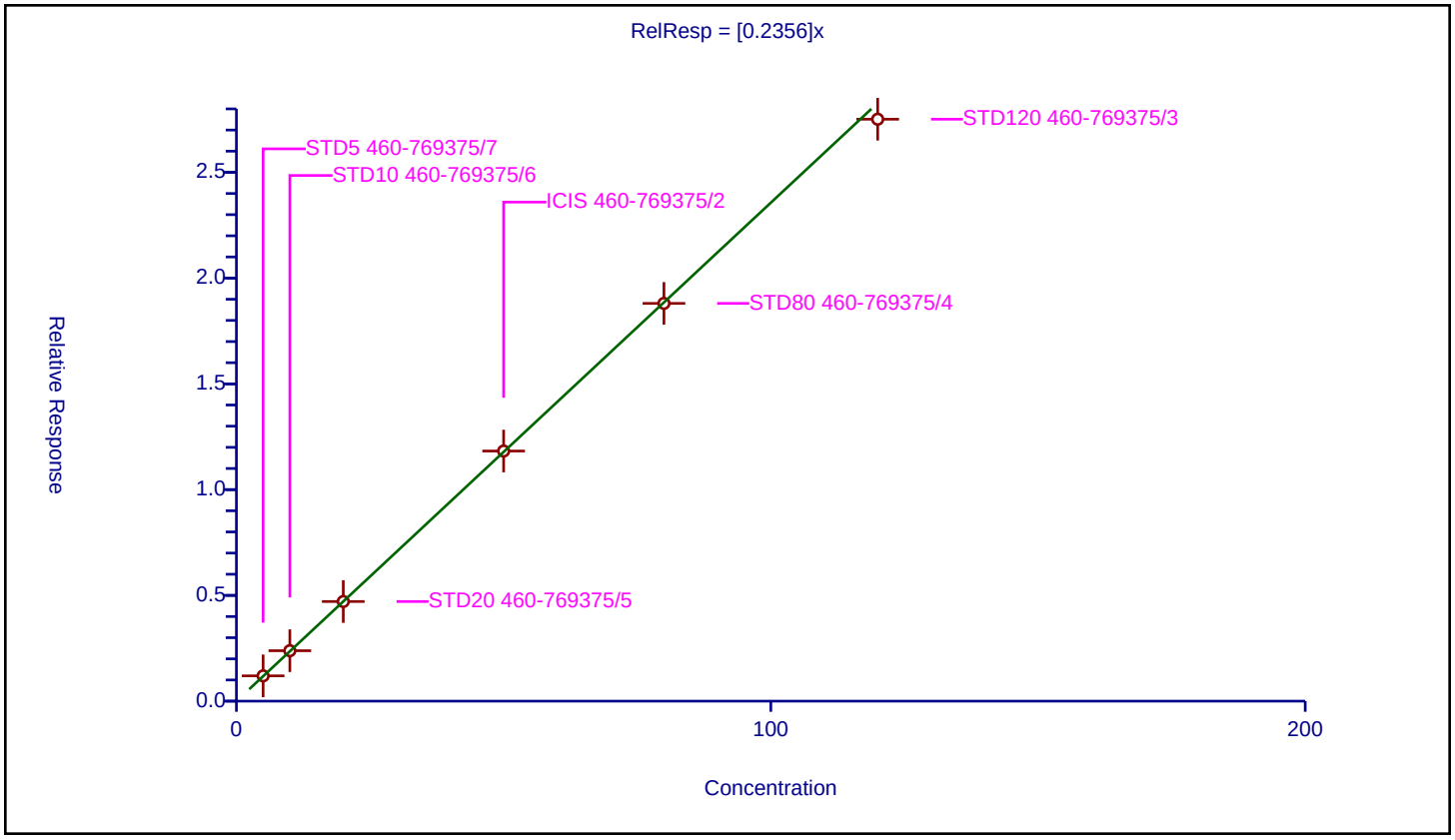
Curve Coefficients

Intercept:	0
Slope:	0.2356

Error Coefficients

Standard Error:	164000
Relative Standard Error:	1.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	1.19538	40.0	409878.0	0.239076	Y
2	STD10 460-769375/6	10.0	2.384713	40.0	407093.0	0.238471	Y
3	STD20 460-769375/5	20.0	4.710553	40.0	435779.0	0.235528	Y
4	ICIS 460-769375/2	50.0	11.824611	40.0	440576.0	0.236492	Y
5	STD80 460-769375/4	80.0	18.804487	40.0	406520.0	0.235056	Y
6	STD120 460-769375/3	120.0	27.511172	40.0	405697.0	0.22926	Y



Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

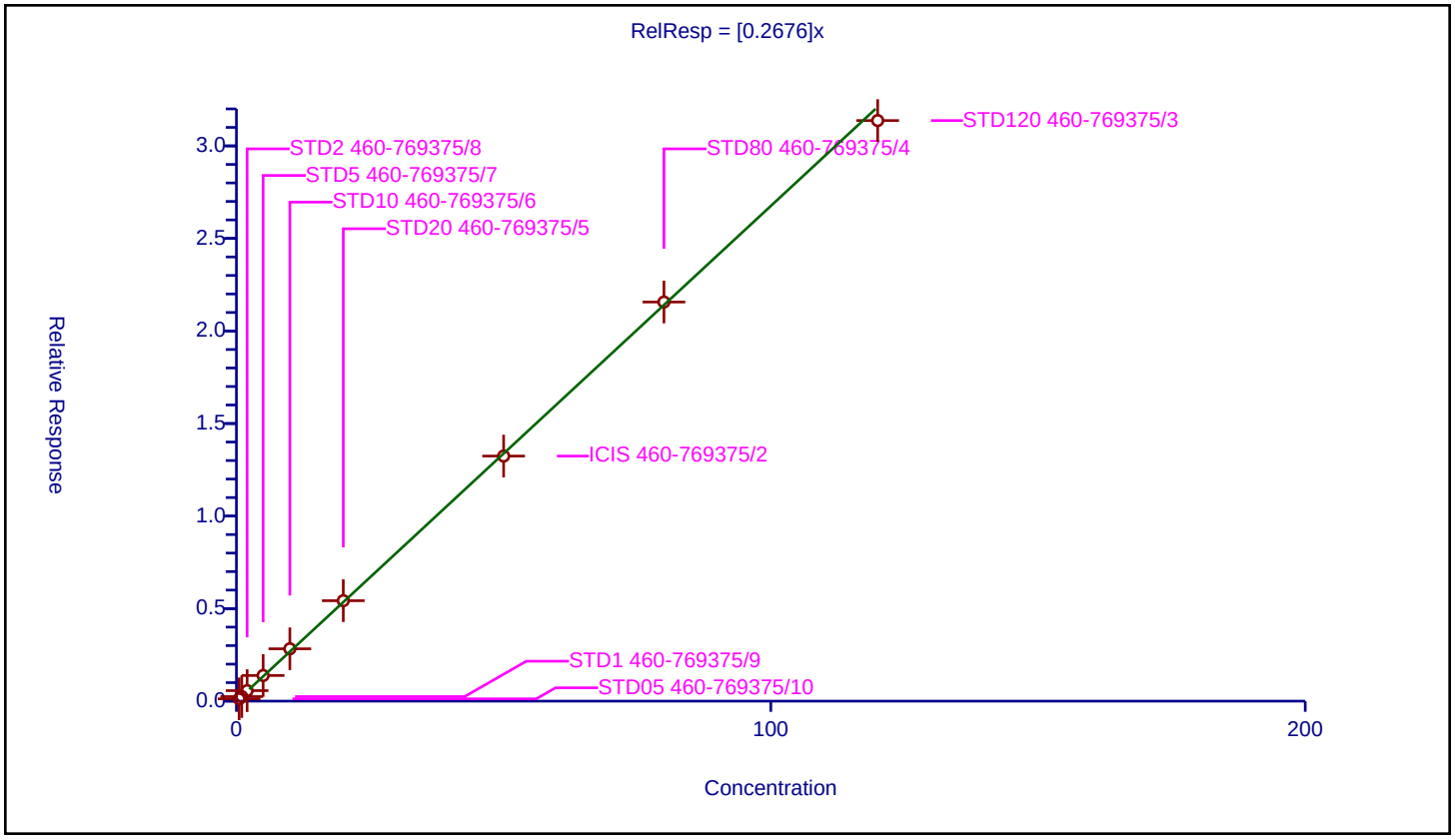
Curve Coefficients

Intercept:	0
Slope:	0.2676

Error Coefficients

Standard Error:	148000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.124894	40.0	441334.0	0.249788	Y
2	STD1 460-769375/9	1.0	0.247055	40.0	432616.0	0.247055	Y
3	STD2 460-769375/8	2.0	0.567866	40.0	424255.0	0.283933	Y
4	STD5 460-769375/7	5.0	1.385681	40.0	409878.0	0.277136	Y
5	STD10 460-769375/6	10.0	2.828346	40.0	407093.0	0.282835	Y
6	STD20 460-769375/5	20.0	5.427889	40.0	435779.0	0.271394	Y
7	ICIS 460-769375/2	50.0	13.241665	40.0	440576.0	0.264833	Y
8	STD80 460-769375/4	80.0	21.565089	40.0	406520.0	0.269564	Y
9	STD120 460-769375/3	120.0	31.36952	40.0	405697.0	0.261413	Y



Calibration / Atrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

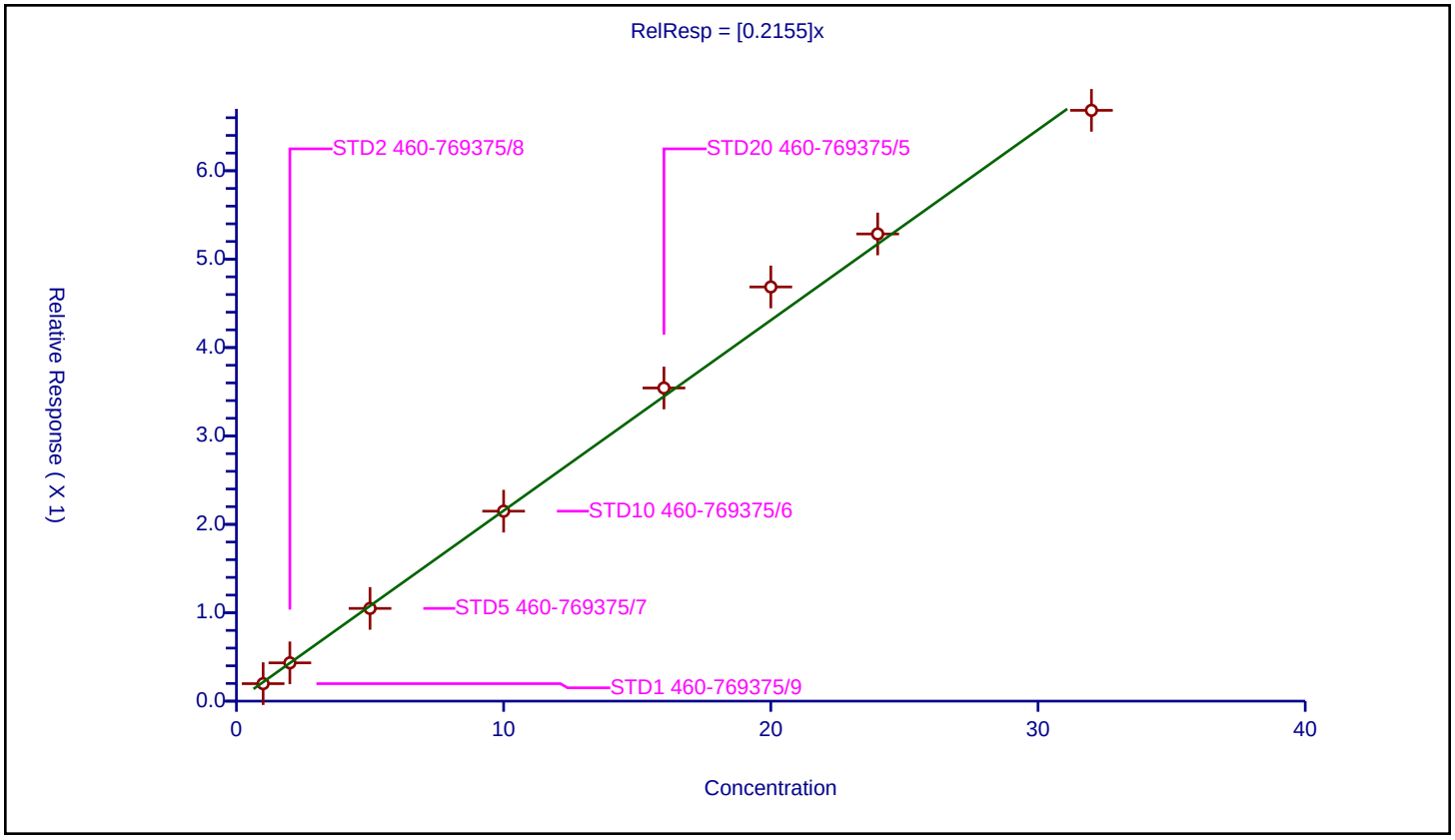
Curve Coefficients

Intercept:	0
Slope:	0.2155

Error Coefficients

Standard Error:	41800
Relative Standard Error:	5.0
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-769375/9	1.0	0.197681	40.0	432616.0	0.197681	Y
2	STD2 460-769375/8	2.0	0.433136	40.0	424255.0	0.216568	Y
3	STD5 460-769375/7	5.0	1.048897	40.0	409878.0	0.209779	Y
4	STD10 460-769375/6	10.0	2.149091	40.0	407093.0	0.214909	Y
5	STD20 460-769375/5	16.0	3.54253	40.0	435779.0	0.221408	Y
6	ICIS 460-769375/2	20.0	4.685775	40.0	440576.0	0.234289	Y
7	STD80 460-769375/4	24.0	5.285447	40.0	406520.0	0.220227	Y
8	STD120 460-769375/3	32.0	6.683609	40.0	405697.0	0.208863	Y



Calibration / Pentachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

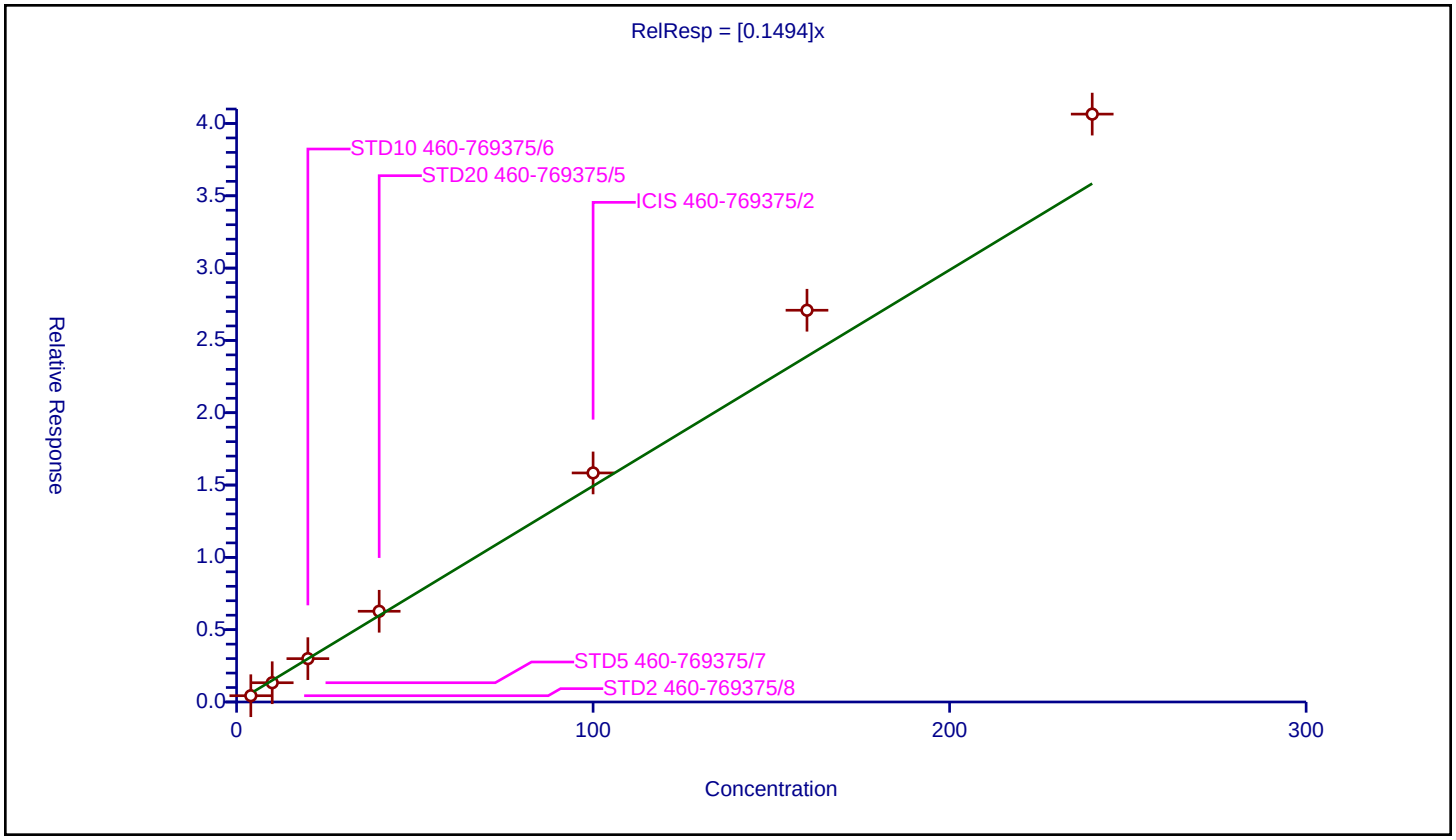
Curve Coefficients

Intercept:	0
Slope:	0.1494

Error Coefficients

Standard Error:	217000
Relative Standard Error:	14.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769375/8	4.0	0.434361	40.0	424255.0	0.10859	Y
2	STD5 460-769375/7	10.0	1.331225	40.0	409878.0	0.133123	Y
3	STD10 460-769375/6	20.0	2.997743	40.0	407093.0	0.149887	Y
4	STD20 460-769375/5	40.0	6.273455	40.0	435779.0	0.156836	Y
5	ICIS 460-769375/2	100.0	15.836814	40.0	440576.0	0.158368	Y
6	STD80 460-769375/4	160.0	27.08649	40.0	406520.0	0.169291	Y
7	STD120 460-769375/3	240.0	40.648563	40.0	405697.0	0.169369	Y



Calibration / Pentachloronitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

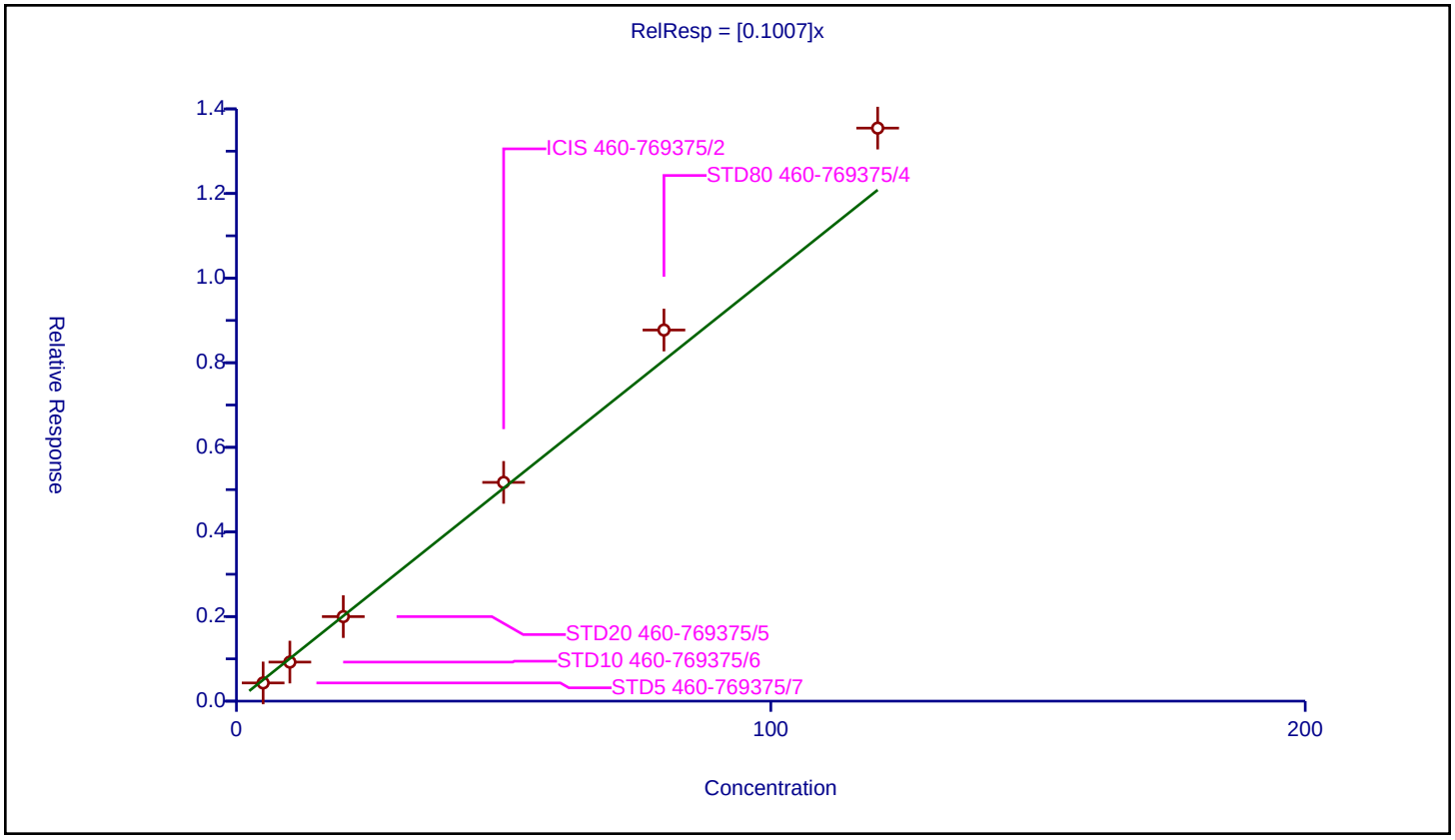
Curve Coefficients

Intercept:	0
Slope:	0.1007

Error Coefficients

Standard Error:	78300
Relative Standard Error:	10.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	0.430274	40.0	409878.0	0.086055	Y
2	STD10 460-769375/6	10.0	0.923327	40.0	407093.0	0.092333	Y
3	STD20 460-769375/5	20.0	1.998077	40.0	435779.0	0.099904	Y
4	ICIS 460-769375/2	50.0	5.17123	40.0	440576.0	0.103425	Y
5	STD80 460-769375/4	80.0	8.772508	40.0	406520.0	0.109656	Y
6	STD120 460-769375/3	120.0	13.545774	40.0	405697.0	0.112881	Y



Calibration / n-Octadecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

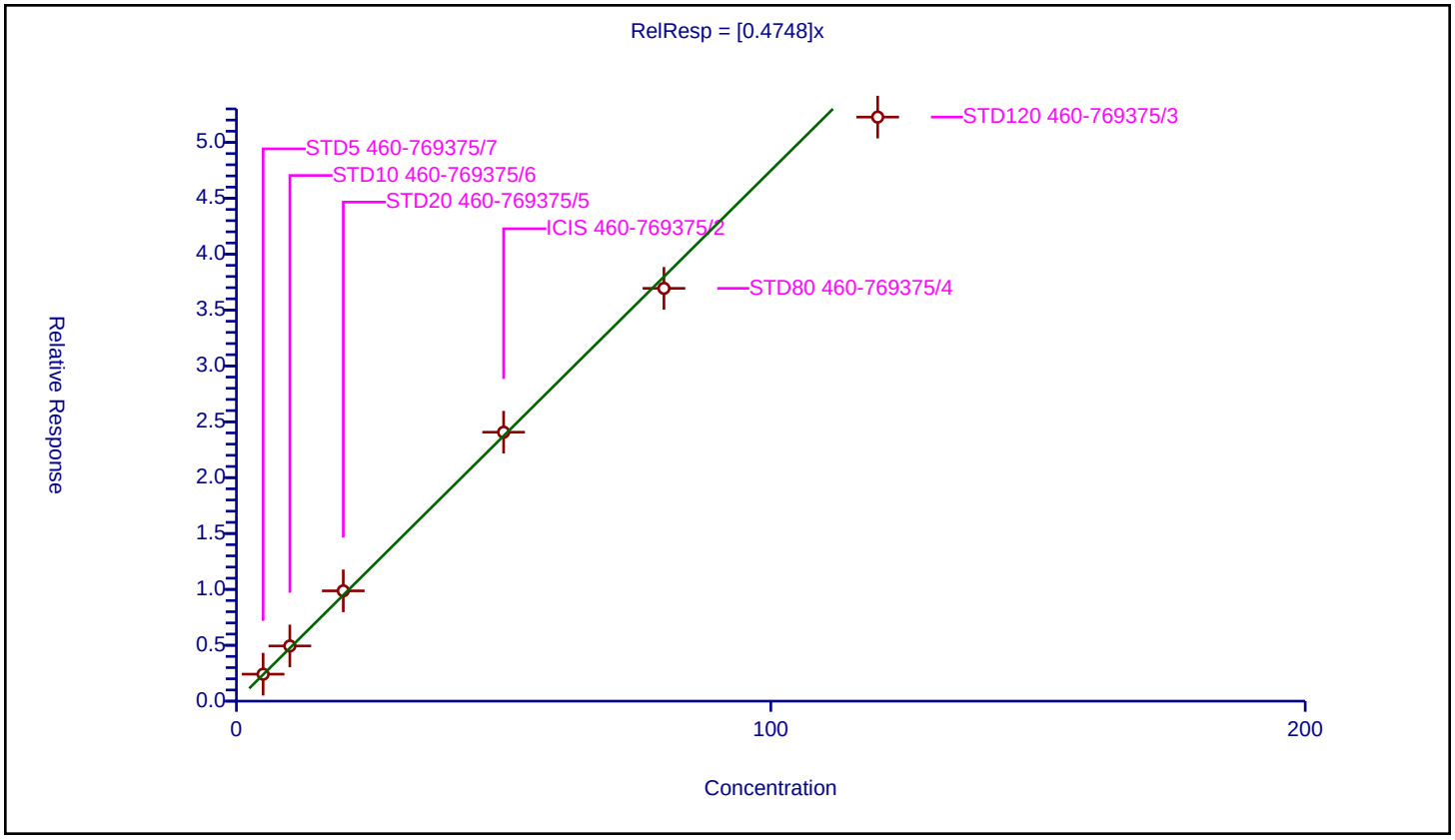
Curve Coefficients

Intercept:	0
Slope:	0.4748

Error Coefficients

Standard Error:	318000
Relative Standard Error:	4.7
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	2.413987	40.0	409878.0	0.482797	Y
2	STD10 460-769375/6	10.0	4.937348	40.0	407093.0	0.493735	Y
3	STD20 460-769375/5	20.0	9.870783	40.0	435779.0	0.493539	Y
4	ICIS 460-769375/2	50.0	24.066676	40.0	440576.0	0.481334	Y
5	STD80 460-769375/4	80.0	36.939782	40.0	406520.0	0.461747	Y
6	STD120 460-769375/3	120.0	52.2661	40.0	405697.0	0.435551	Y



Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

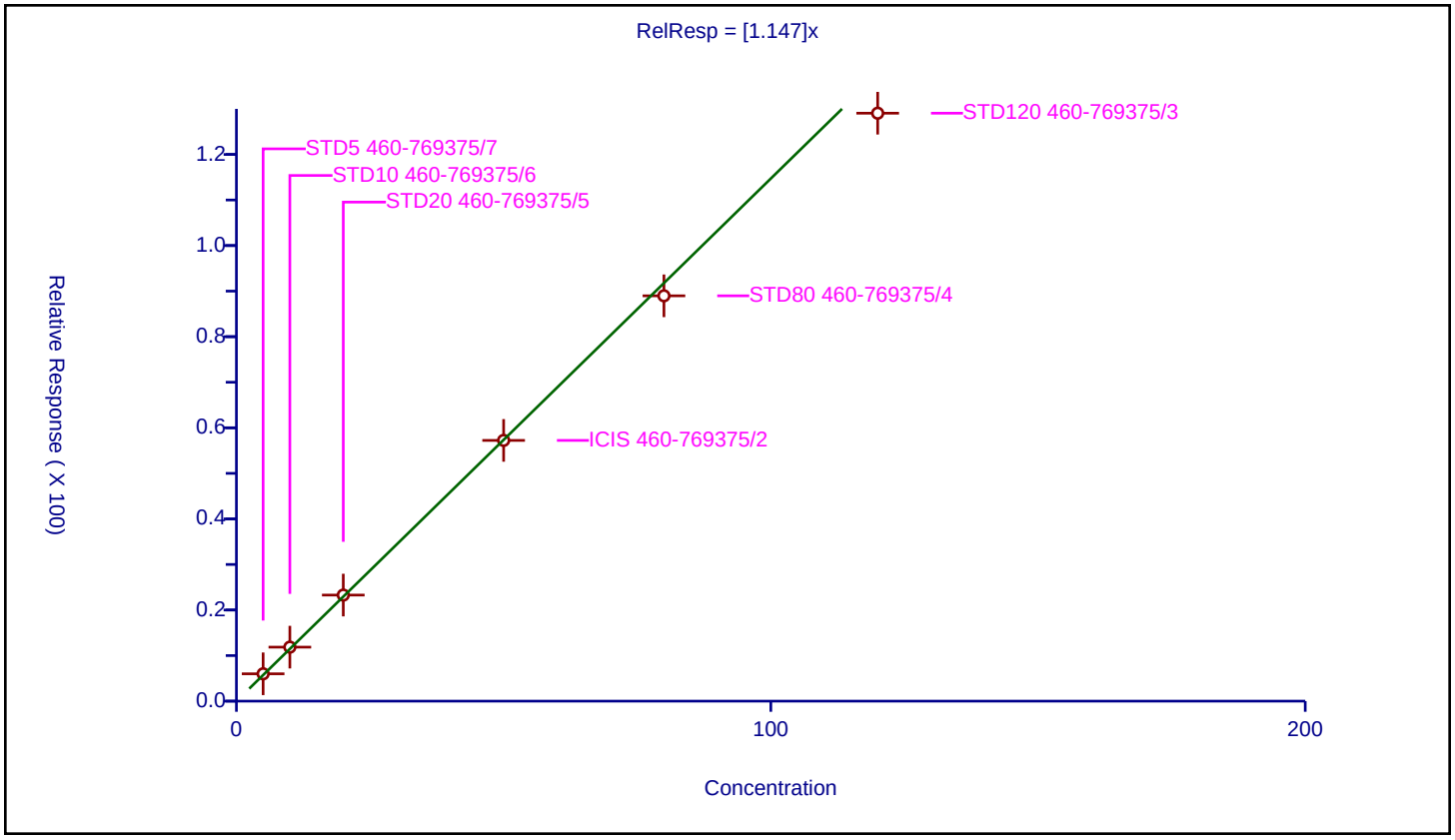
Curve Coefficients

Intercept:	0
Slope:	1.147

Error Coefficients

Standard Error:	776000
Relative Standard Error:	4.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	6.002371	40.0	409878.0	1.200474	Y
2	STD10 460-769375/6	10.0	11.856161	40.0	407093.0	1.185616	Y
3	STD20 460-769375/5	20.0	23.280241	40.0	435779.0	1.164012	Y
4	ICIS 460-769375/2	50.0	57.232623	40.0	440576.0	1.144652	Y
5	STD80 460-769375/4	80.0	88.972941	40.0	406520.0	1.112162	Y
6	STD120 460-769375/3	120.0	129.050104	40.0	405697.0	1.075418	Y



Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

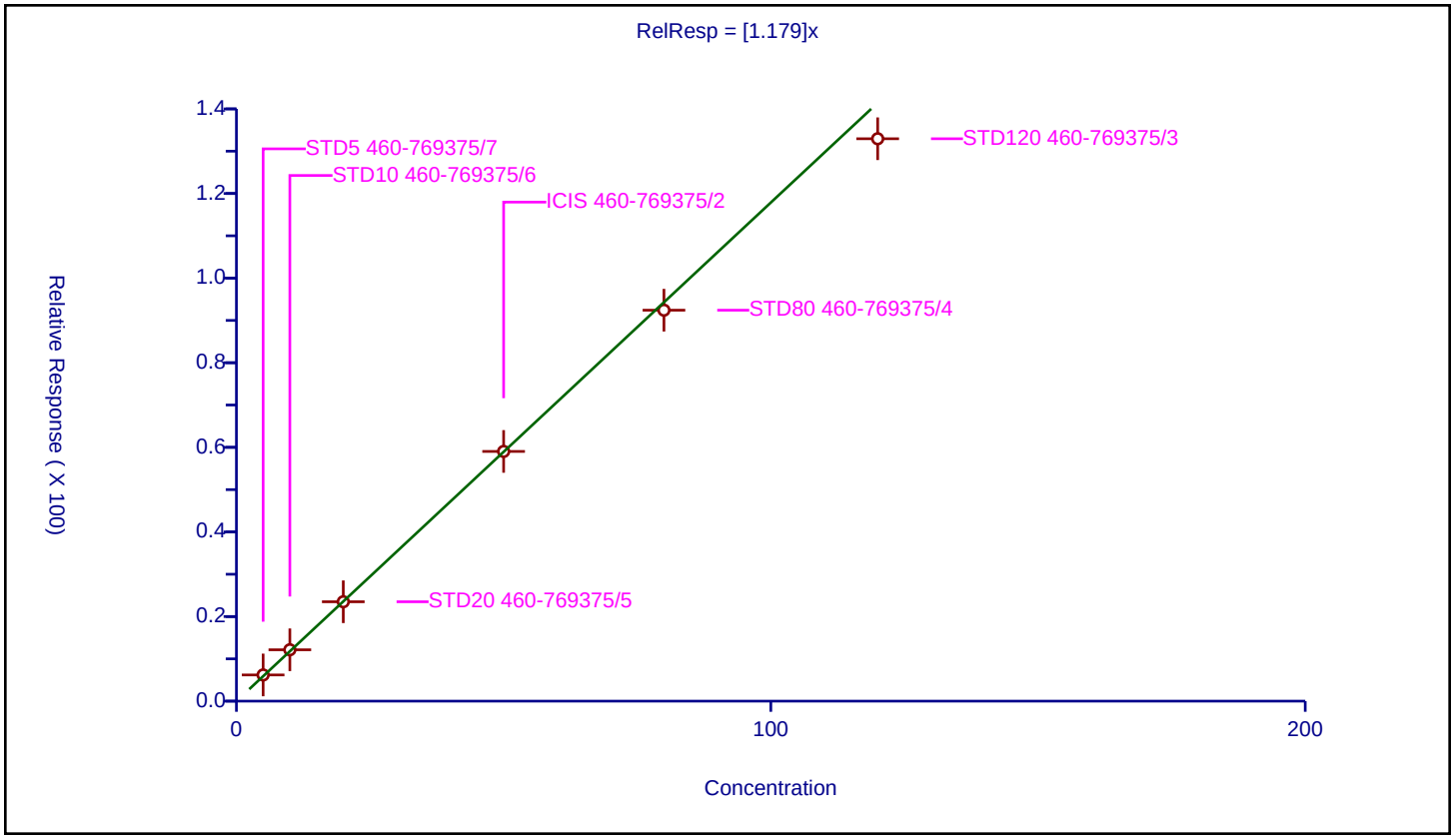
Curve Coefficients

Intercept:	0
Slope:	1.179

Error Coefficients

Standard Error:	801000
Relative Standard Error:	3.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	6.193648	40.0	409878.0	1.23873	Y
2	STD10 460-769375/6	10.0	12.14268	40.0	407093.0	1.214268	Y
3	STD20 460-769375/5	20.0	23.495671	40.0	435779.0	1.174784	Y
4	ICIS 460-769375/2	50.0	59.02573	40.0	440576.0	1.180515	Y
5	STD80 460-769375/4	80.0	92.416609	40.0	406520.0	1.155208	Y
6	STD120 460-769375/3	120.0	132.944242	40.0	405697.0	1.107869	Y



Calibration / Carbazole

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

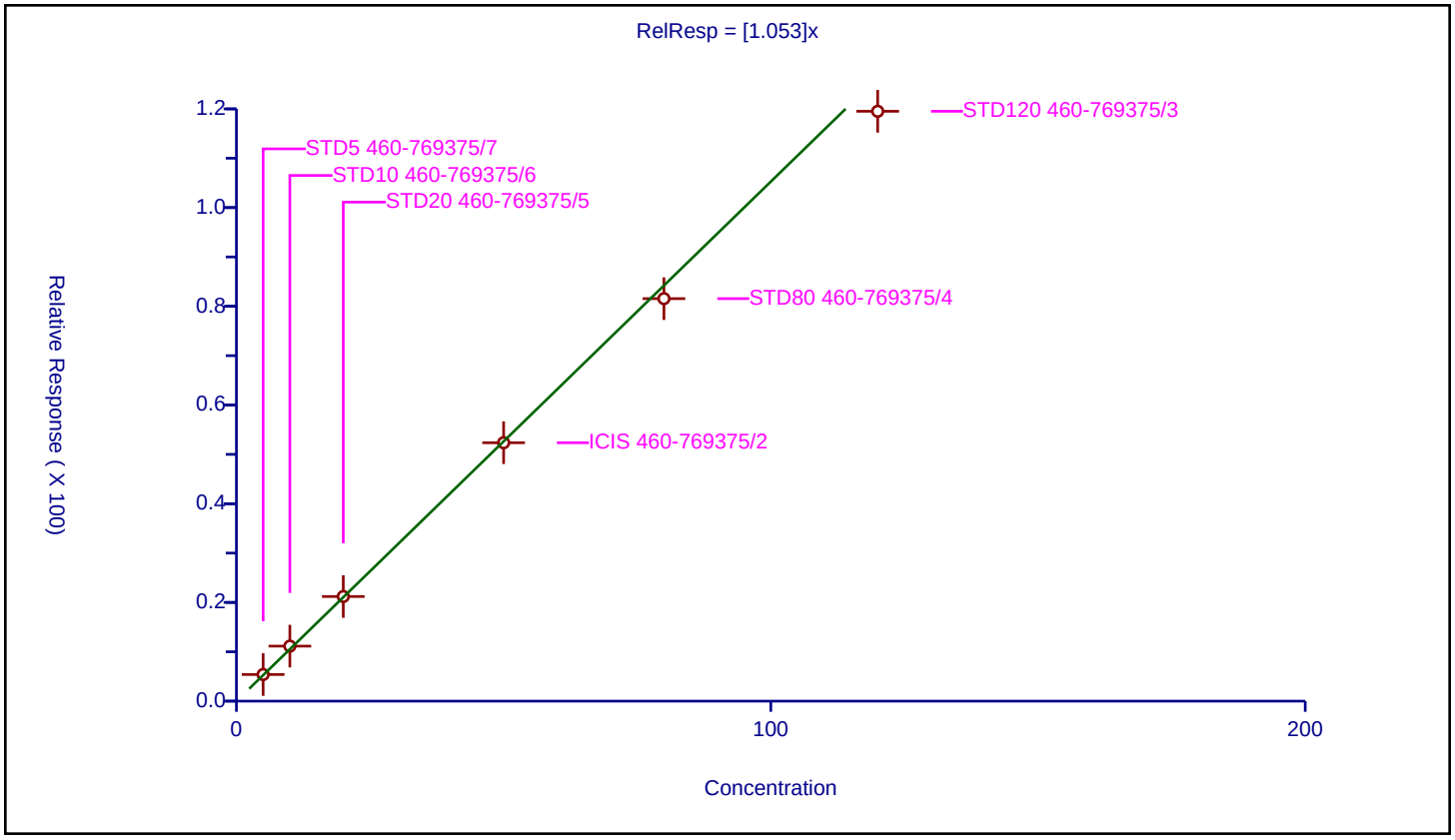
Curve Coefficients

Intercept:	0
Slope:	1.053

Error Coefficients

Standard Error:	715000
Relative Standard Error:	4.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	5.395069	40.0	409878.0	1.079014	Y
2	STD10 460-769375/6	10.0	11.144382	40.0	407093.0	1.114438	Y
3	STD20 460-769375/5	20.0	21.199369	40.0	435779.0	1.059968	Y
4	ICIS 460-769375/2	50.0	52.358186	40.0	440576.0	1.047164	Y
5	STD80 460-769375/4	80.0	81.552593	40.0	406520.0	1.019407	Y
6	STD120 460-769375/3	120.0	119.514909	40.0	405697.0	0.995958	Y



Calibration / Di-n-butyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

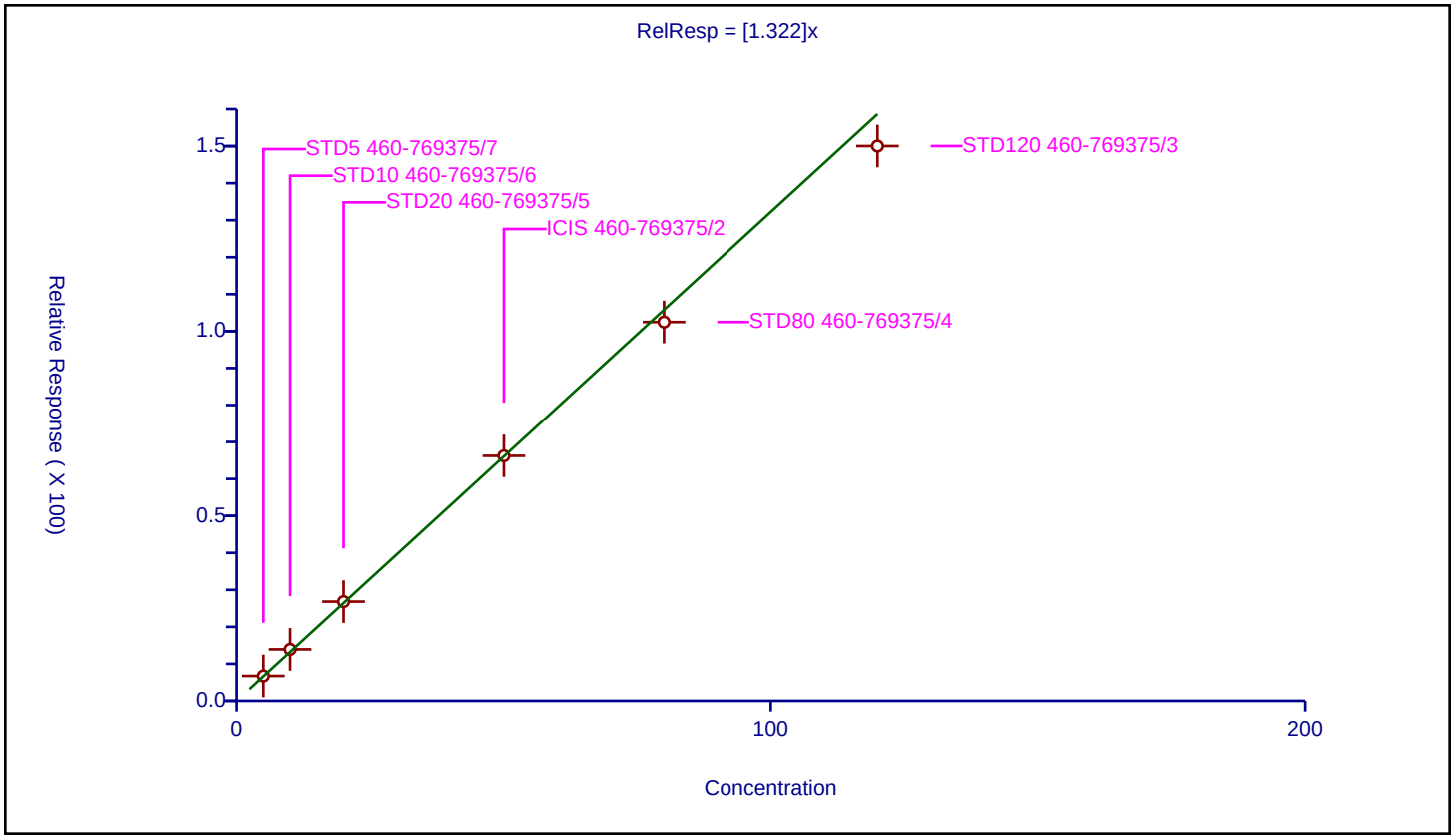
Curve Coefficients

Intercept:	0
Slope:	1.322

Error Coefficients

Standard Error:	899000
Relative Standard Error:	3.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	6.720439	40.0	409878.0	1.344088	Y
2	STD10 460-769375/6	10.0	13.914265	40.0	407093.0	1.391427	Y
3	STD20 460-769375/5	20.0	26.826625	40.0	435779.0	1.341331	Y
4	ICIS 460-769375/2	50.0	66.252905	40.0	440576.0	1.325058	Y
5	STD80 460-769375/4	80.0	102.464725	40.0	406520.0	1.280809	Y
6	STD120 460-769375/3	120.0	150.028026	40.0	405697.0	1.250234	Y



Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

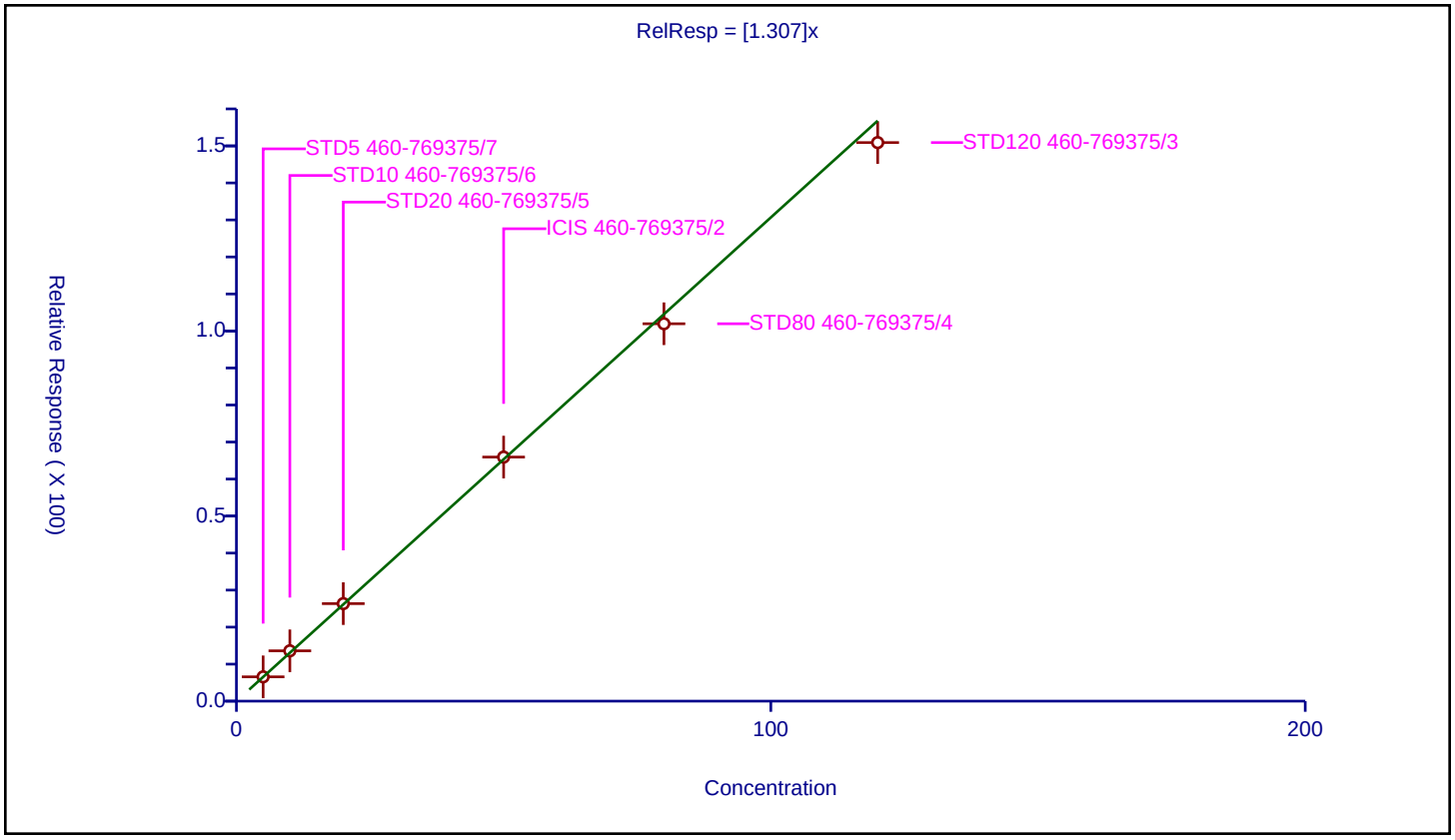
Curve Coefficients

Intercept:	0
Slope:	1.307

Error Coefficients

Standard Error:	900000
Relative Standard Error:	2.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	6.563514	40.0	409878.0	1.312703	Y
2	STD10 460-769375/6	10.0	13.592668	40.0	407093.0	1.359267	Y
3	STD20 460-769375/5	20.0	26.347483	40.0	435779.0	1.317374	Y
4	ICIS 460-769375/2	50.0	65.933778	40.0	440576.0	1.318676	Y
5	STD80 460-769375/4	80.0	101.951392	40.0	406520.0	1.274392	Y
6	STD120 460-769375/3	120.0	150.894584	40.0	405697.0	1.257455	Y



Calibration / Benzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

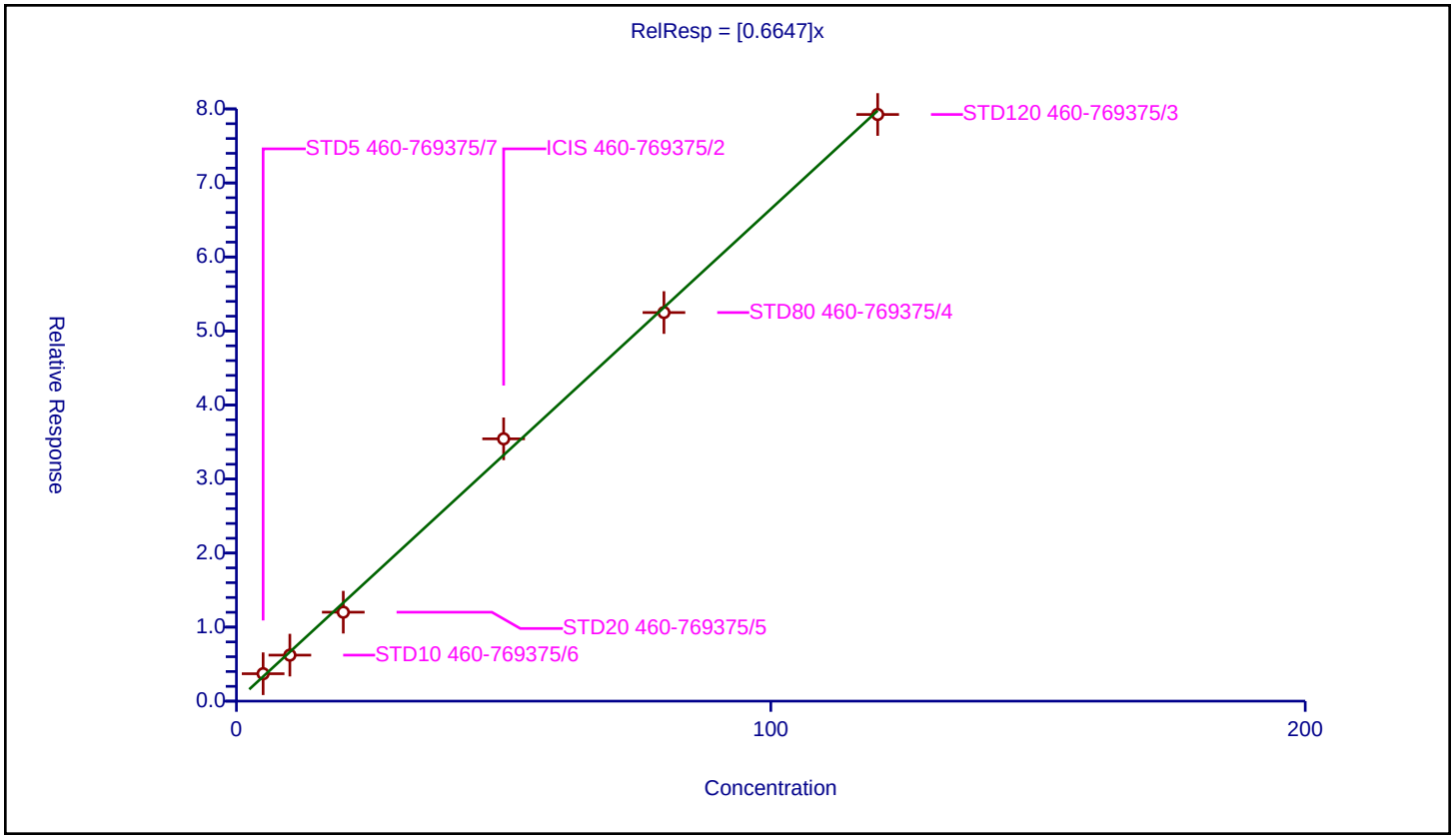
Curve Coefficients

Intercept:	0
Slope:	0.6647

Error Coefficients

Standard Error:	470000
Relative Standard Error:	7.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	3.704419	40.0	409878.0	0.740884	Y
2	STD10 460-769375/6	10.0	6.21627	40.0	407093.0	0.621627	Y
3	STD20 460-769375/5	20.0	12.012695	40.0	435779.0	0.600635	Y
4	ICIS 460-769375/2	50.0	35.432706	40.0	440576.0	0.708654	Y
5	STD80 460-769375/4	80.0	52.492276	40.0	406520.0	0.656153	Y
6	STD120 460-769375/3	120.0	79.246137	40.0	405697.0	0.660384	Y



Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

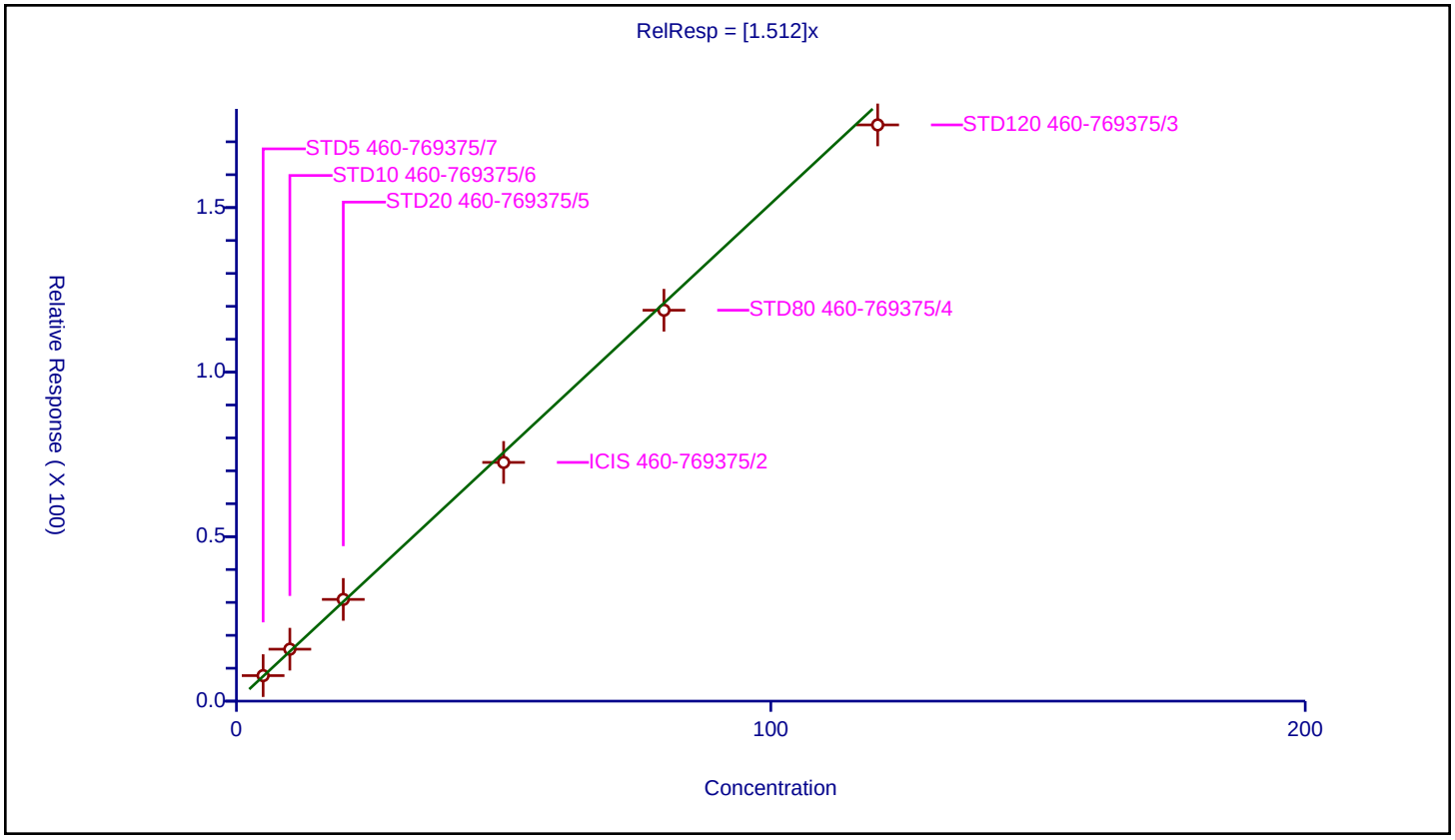
Curve Coefficients

Intercept:	0
Slope:	1.512

Error Coefficients

Standard Error:	906000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	7.7554	40.0	357547.0	1.55108	Y
2	STD10 460-769375/6	10.0	15.787012	40.0	354461.0	1.578701	Y
3	STD20 460-769375/5	20.0	30.92045	40.0	377446.0	1.546022	Y
4	ICIS 460-769375/2	50.0	72.560095	40.0	400575.0	1.451202	Y
5	STD80 460-769375/4	80.0	118.807376	40.0	352131.0	1.485092	Y
6	STD120 460-769375/3	120.0	175.132388	40.0	352185.0	1.459437	Y



Calibration / Bisphenol-A

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

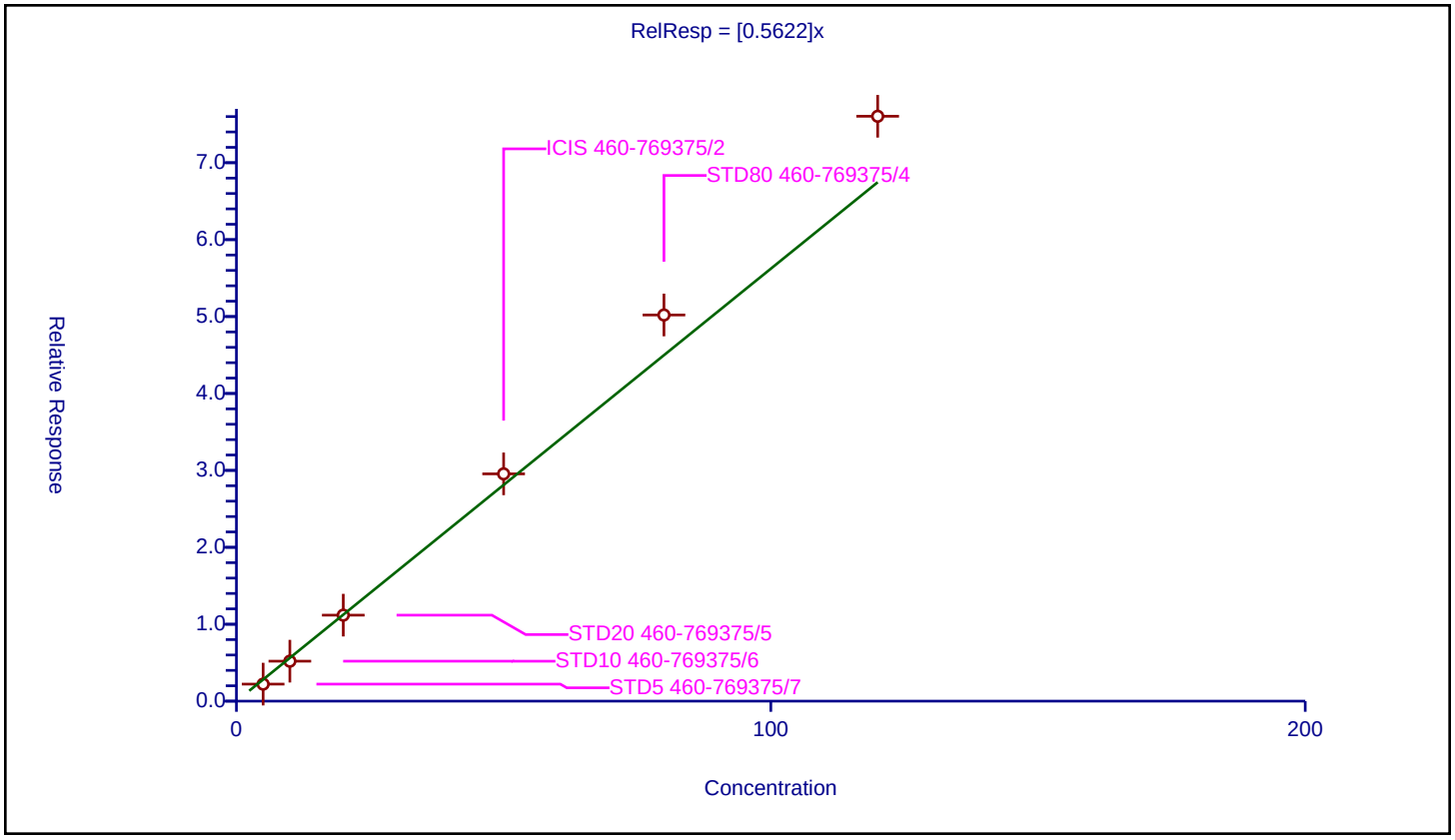
Curve Coefficients

Intercept:	0
Slope:	0.5622

Error Coefficients

Standard Error:	386000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	2.212968	40.0	357547.0	0.442594	Y
2	STD10 460-769375/6	10.0	5.194591	40.0	354461.0	0.519459	Y
3	STD20 460-769375/5	20.0	11.178182	40.0	377446.0	0.558909	Y
4	ICIS 460-769375/2	50.0	29.549822	40.0	400575.0	0.590996	Y
5	STD80 460-769375/4	80.0	50.204611	40.0	352131.0	0.627558	Y
6	STD120 460-769375/3	120.0	76.040831	40.0	352185.0	0.633674	Y



Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

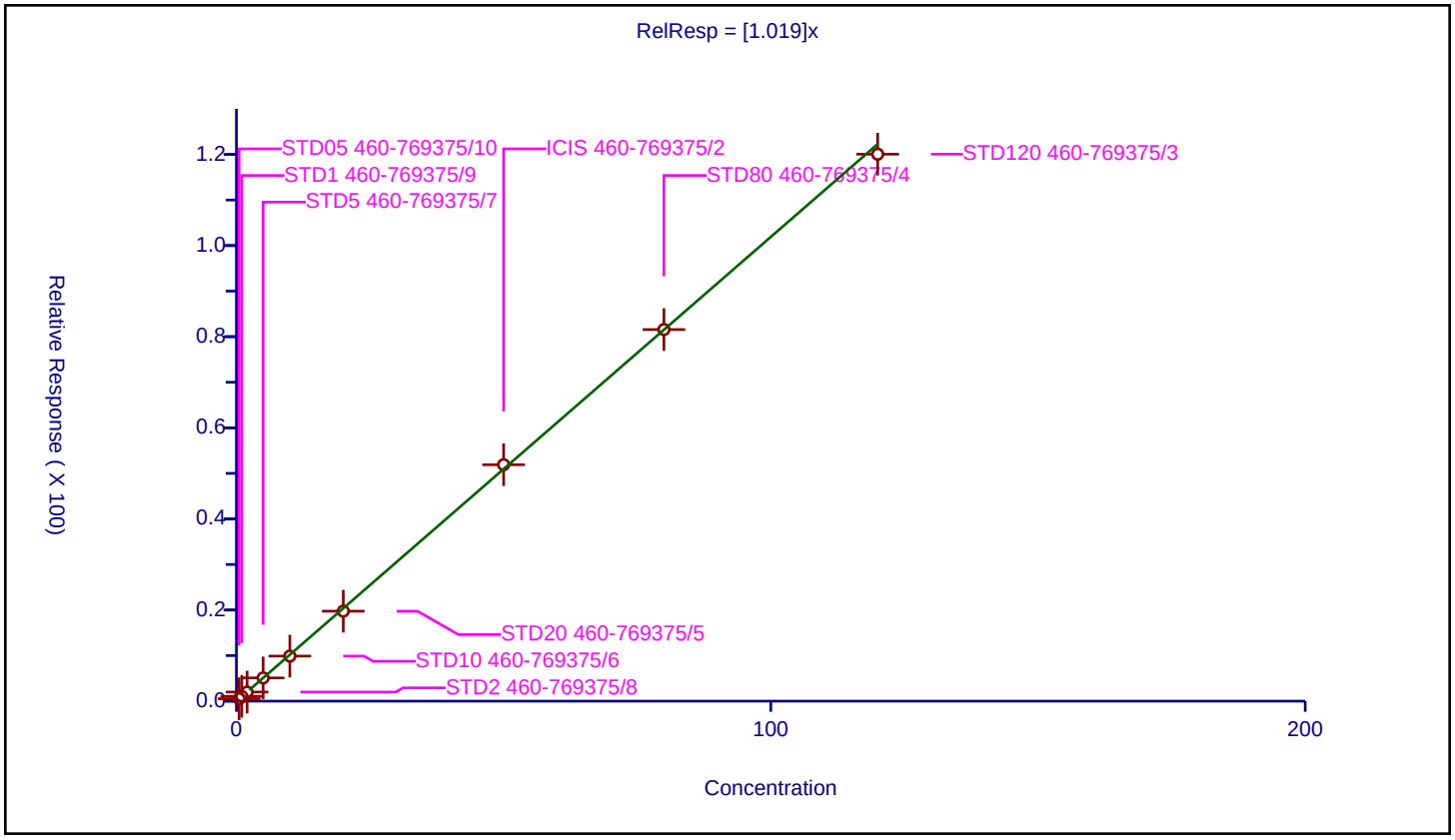
Curve Coefficients

Intercept:	0
Slope:	1.019

Error Coefficients

Standard Error:	493000
Relative Standard Error:	2.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.52991	40.0	363986.0	1.059821	Y
2	STD1 460-769375/9	1.0	1.058751	40.0	375537.0	1.058751	Y
3	STD2 460-769375/8	2.0	1.994053	40.0	358506.0	0.997027	Y
4	STD5 460-769375/7	5.0	5.103105	40.0	357547.0	1.020621	Y
5	STD10 460-769375/6	10.0	9.890058	40.0	354461.0	0.989006	Y
6	STD20 460-769375/5	20.0	19.753607	40.0	377446.0	0.98768	Y
7	ICIS 460-769375/2	50.0	51.895101	40.0	400575.0	1.037902	Y
8	STD80 460-769375/4	80.0	81.565213	40.0	352131.0	1.019565	Y
9	STD120 460-769375/3	120.0	120.056902	40.0	352185.0	1.000474	Y



Calibration / Butyl benzyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

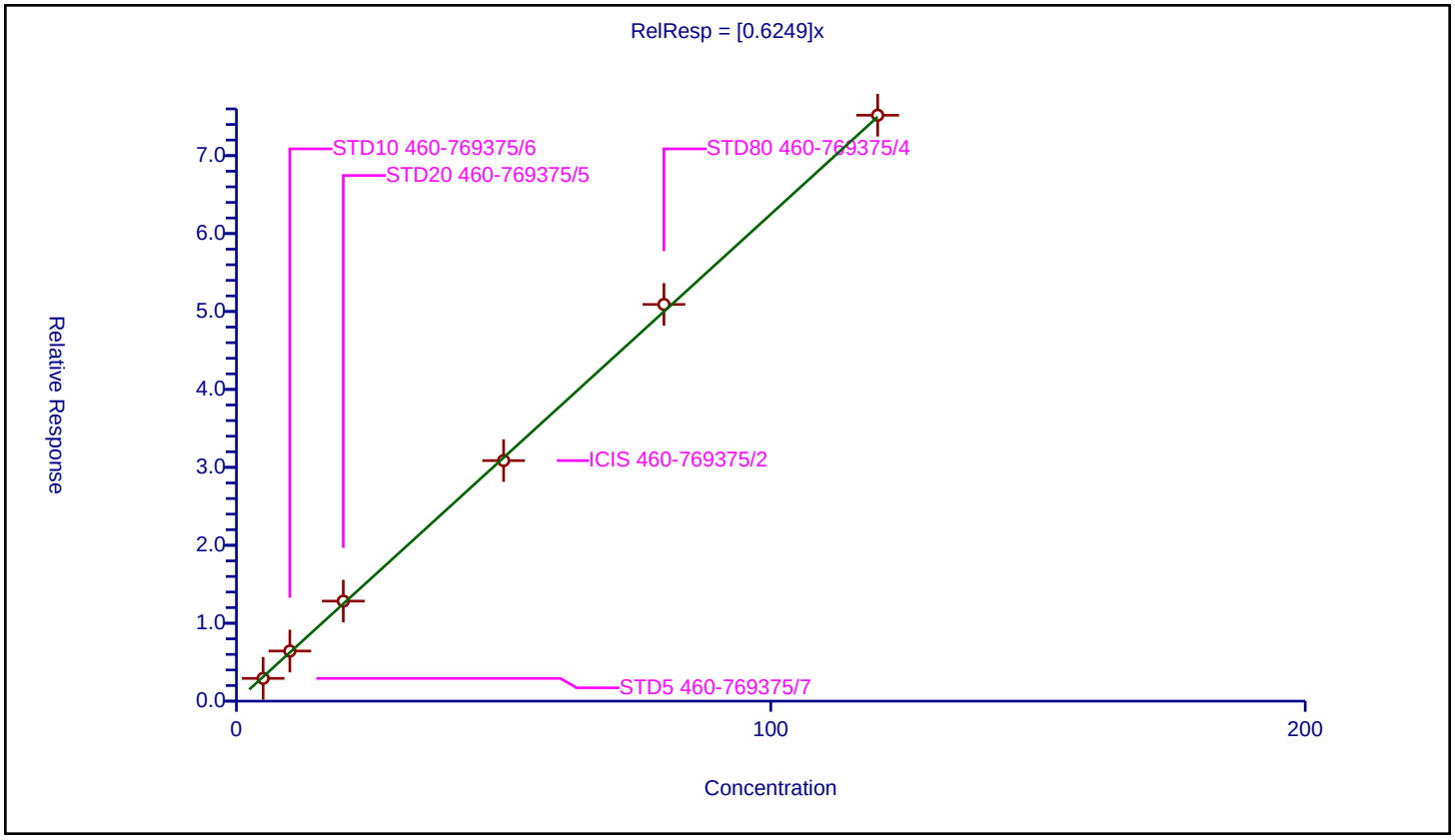
Curve Coefficients

Intercept:	0
Slope:	0.6249

Error Coefficients

Standard Error:	388000
Relative Standard Error:	3.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	2.920343	40.0	357547.0	0.584069	Y
2	STD10 460-769375/6	10.0	6.431624	40.0	354461.0	0.643162	Y
3	STD20 460-769375/5	20.0	12.836485	40.0	377446.0	0.641824	Y
4	ICIS 460-769375/2	50.0	30.868826	40.0	400575.0	0.617377	Y
5	STD80 460-769375/4	80.0	50.905373	40.0	352131.0	0.636317	Y
6	STD120 460-769375/3	120.0	75.187416	40.0	352185.0	0.626562	Y



Calibration / 2,3,7,8-TCDD

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

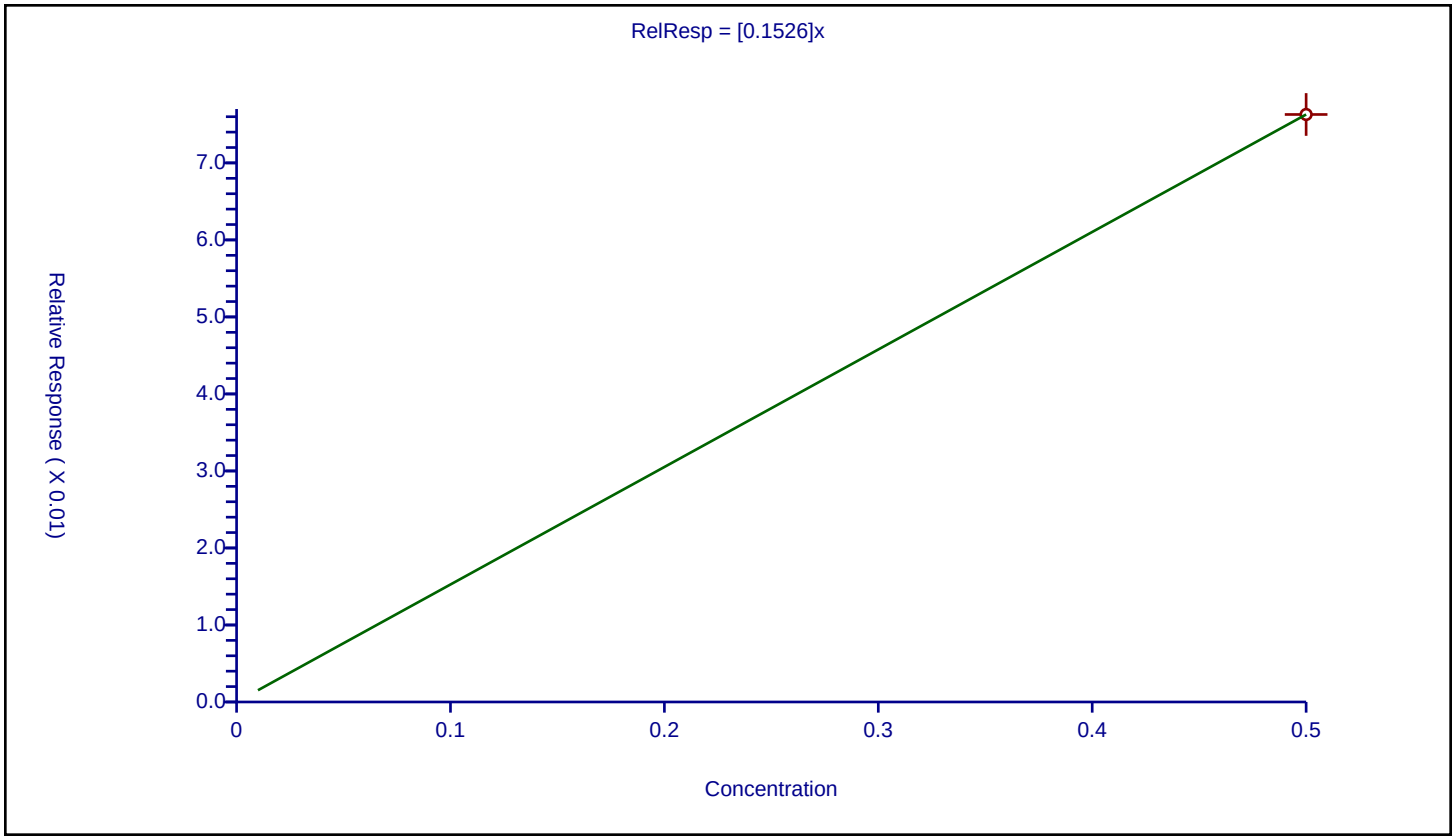
Curve Coefficients

Intercept:	0
Slope:	0.1526

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-769375/2	0.5	0.07629	40.0	400575.0	0.152581	Y



Calibration / Carbamazepine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

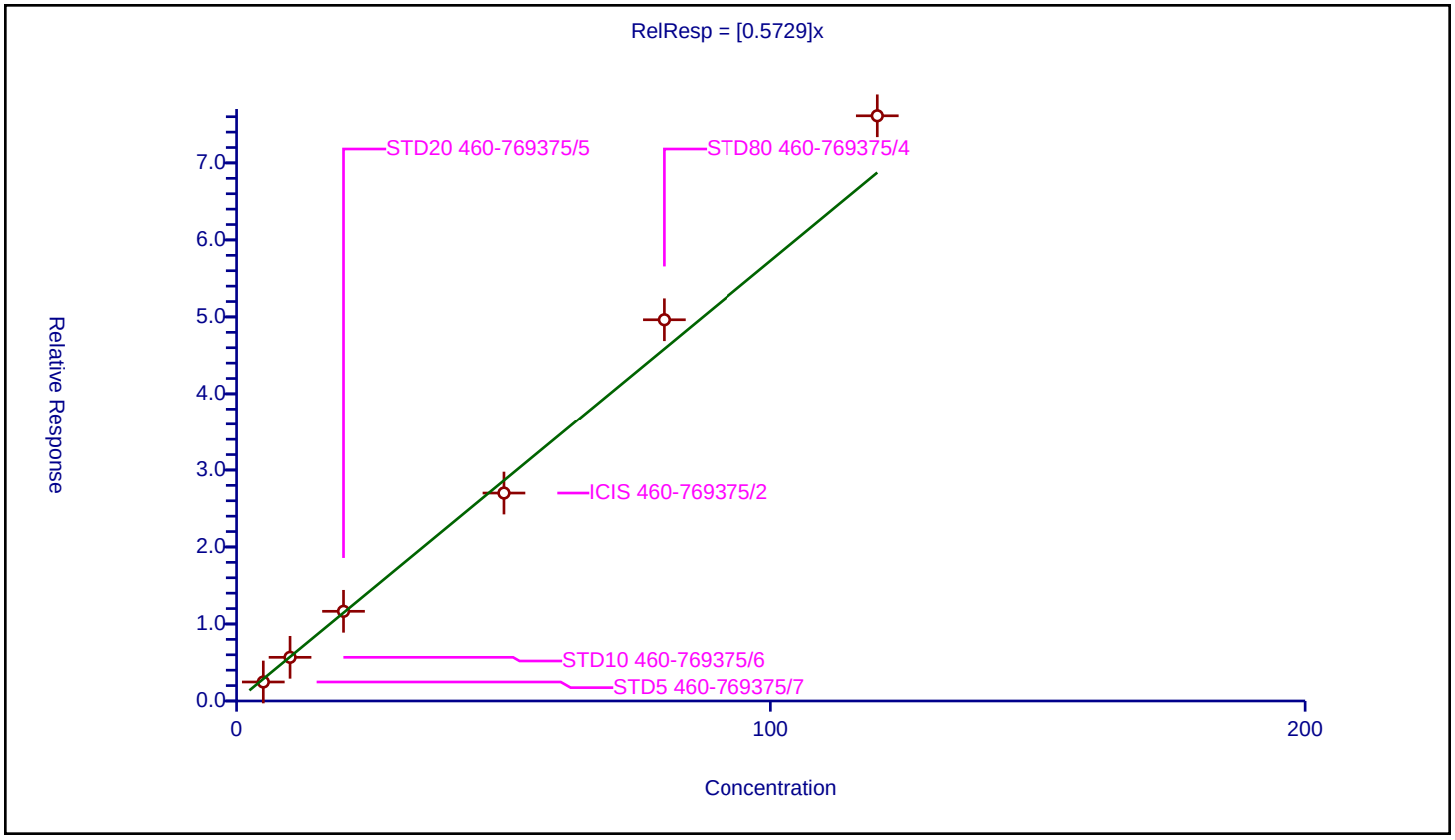
Curve Coefficients

Intercept:	0
Slope:	0.5729

Error Coefficients

Standard Error:	382000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	2.466249	40.0	357547.0	0.49325	Y
2	STD10 460-769375/6	10.0	5.670356	40.0	354461.0	0.567036	Y
3	STD20 460-769375/5	20.0	11.647335	40.0	377446.0	0.582367	Y
4	ICIS 460-769375/2	50.0	27.00548	40.0	400575.0	0.54011	Y
5	STD80 460-769375/4	80.0	49.635051	40.0	352131.0	0.620438	Y
6	STD120 460-769375/3	120.0	76.12147	40.0	352185.0	0.634346	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

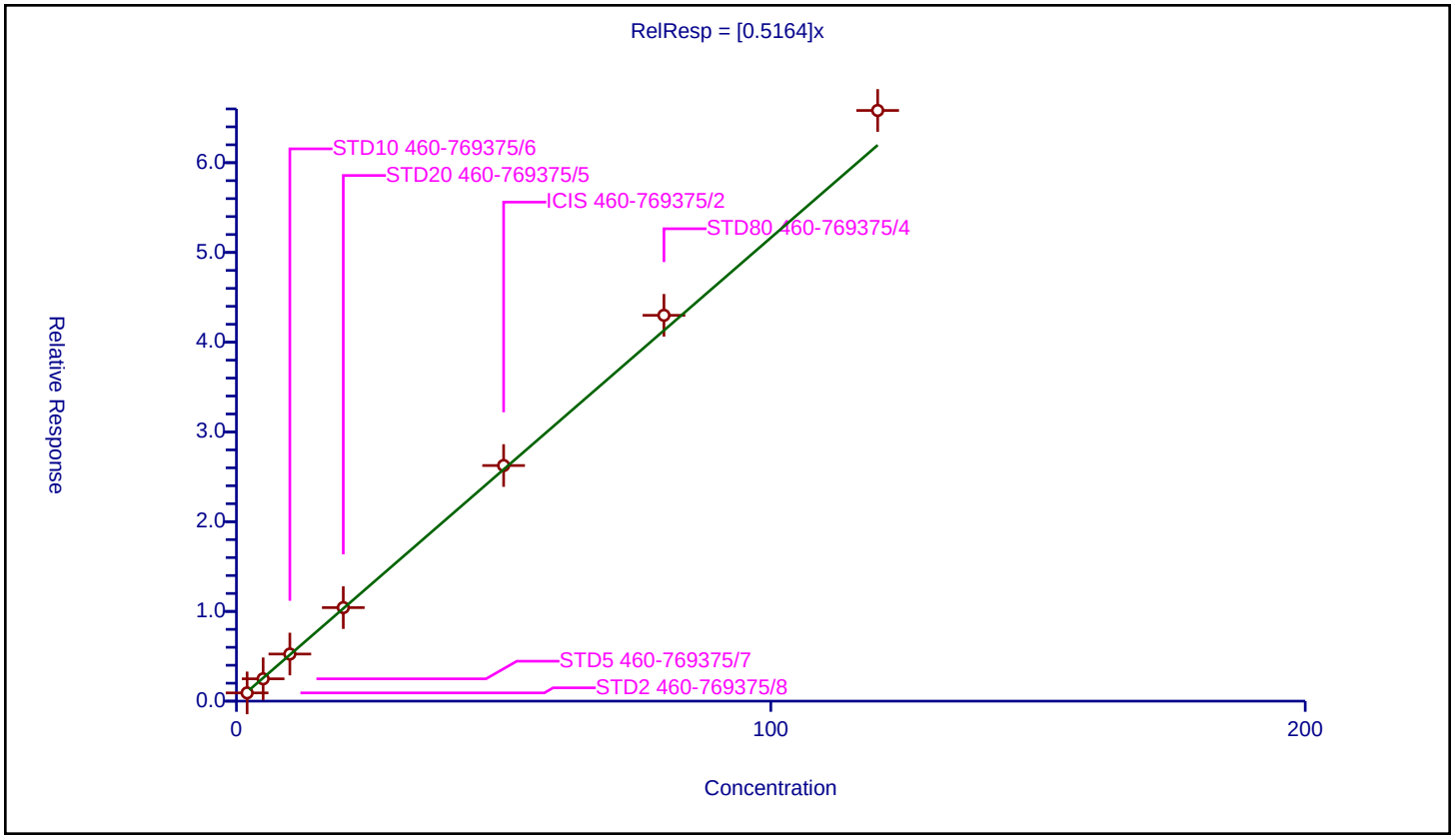
Curve Coefficients

Intercept:	0
Slope:	0.5164

Error Coefficients

Standard Error:	306000
Relative Standard Error:	5.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-769375/8	2.0	0.919817	40.0	358506.0	0.459909	Y
2	STD5 460-769375/7	5.0	2.487729	40.0	357547.0	0.497546	Y
3	STD10 460-769375/6	10.0	5.249548	40.0	354461.0	0.524955	Y
4	STD20 460-769375/5	20.0	10.422789	40.0	377446.0	0.521139	Y
5	ICIS 460-769375/2	50.0	26.257754	40.0	400575.0	0.525155	Y
6	STD80 460-769375/4	80.0	42.996612	40.0	352131.0	0.537458	Y
7	STD120 460-769375/3	120.0	65.825518	40.0	352185.0	0.548546	Y



Calibration / Benzo[a]anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

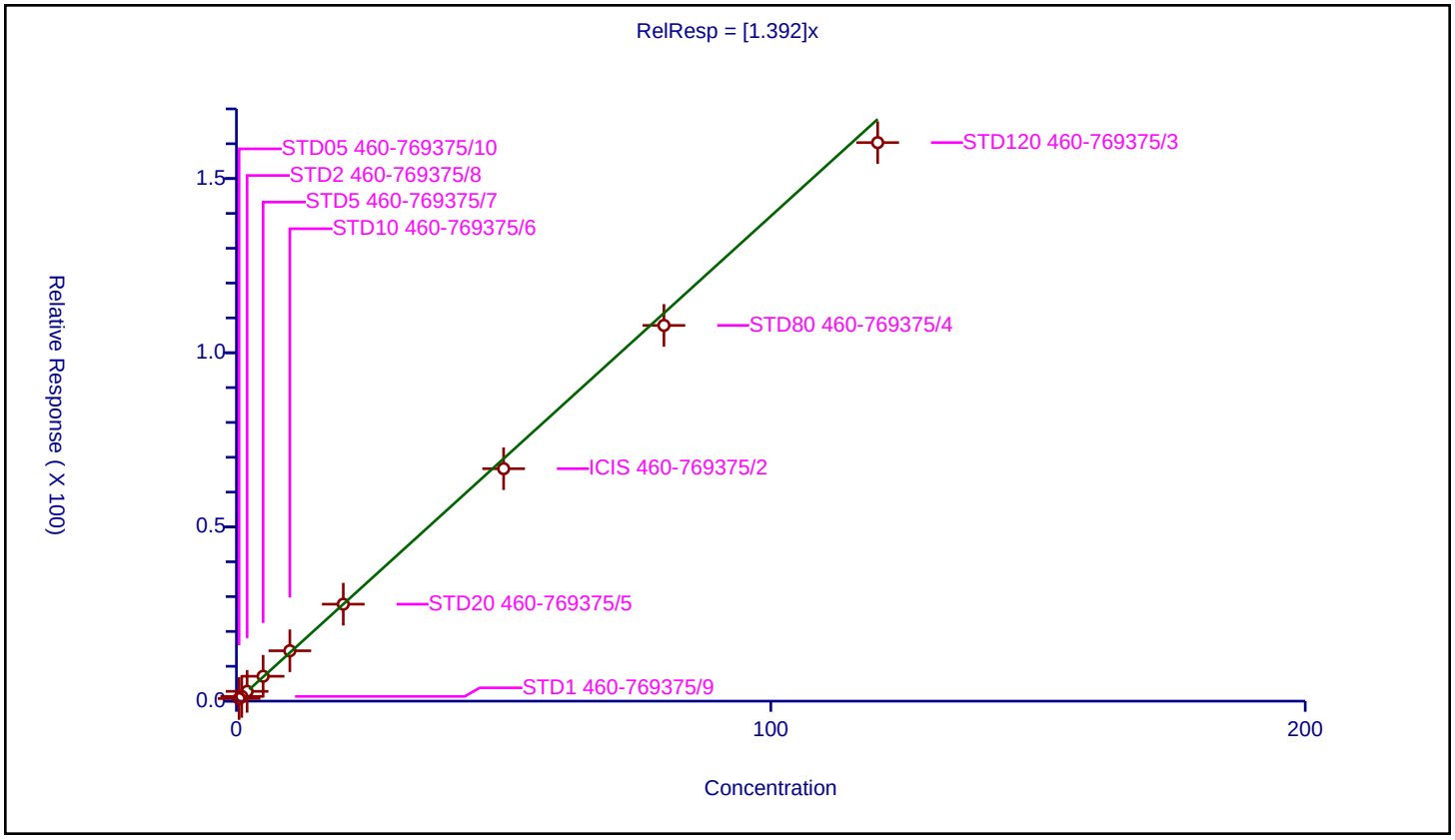
Curve Coefficients

Intercept:	0
Slope:	1.392

Error Coefficients

Standard Error:	655000
Relative Standard Error:	3.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.742446	40.0	363986.0	1.484892	Y
2	STD1 460-769375/9	1.0	1.355286	40.0	375537.0	1.355286	Y
3	STD2 460-769375/8	2.0	2.807652	40.0	358506.0	1.403826	Y
4	STD5 460-769375/7	5.0	7.146026	40.0	357547.0	1.429205	Y
5	STD10 460-769375/6	10.0	14.458572	40.0	354461.0	1.445857	Y
6	STD20 460-769375/5	20.0	27.828934	40.0	377446.0	1.391447	Y
7	ICIS 460-769375/2	50.0	66.722886	40.0	400575.0	1.334458	Y
8	STD80 460-769375/4	80.0	107.853498	40.0	352131.0	1.348169	Y
9	STD120 460-769375/3	120.0	160.321195	40.0	352185.0	1.33601	Y



Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

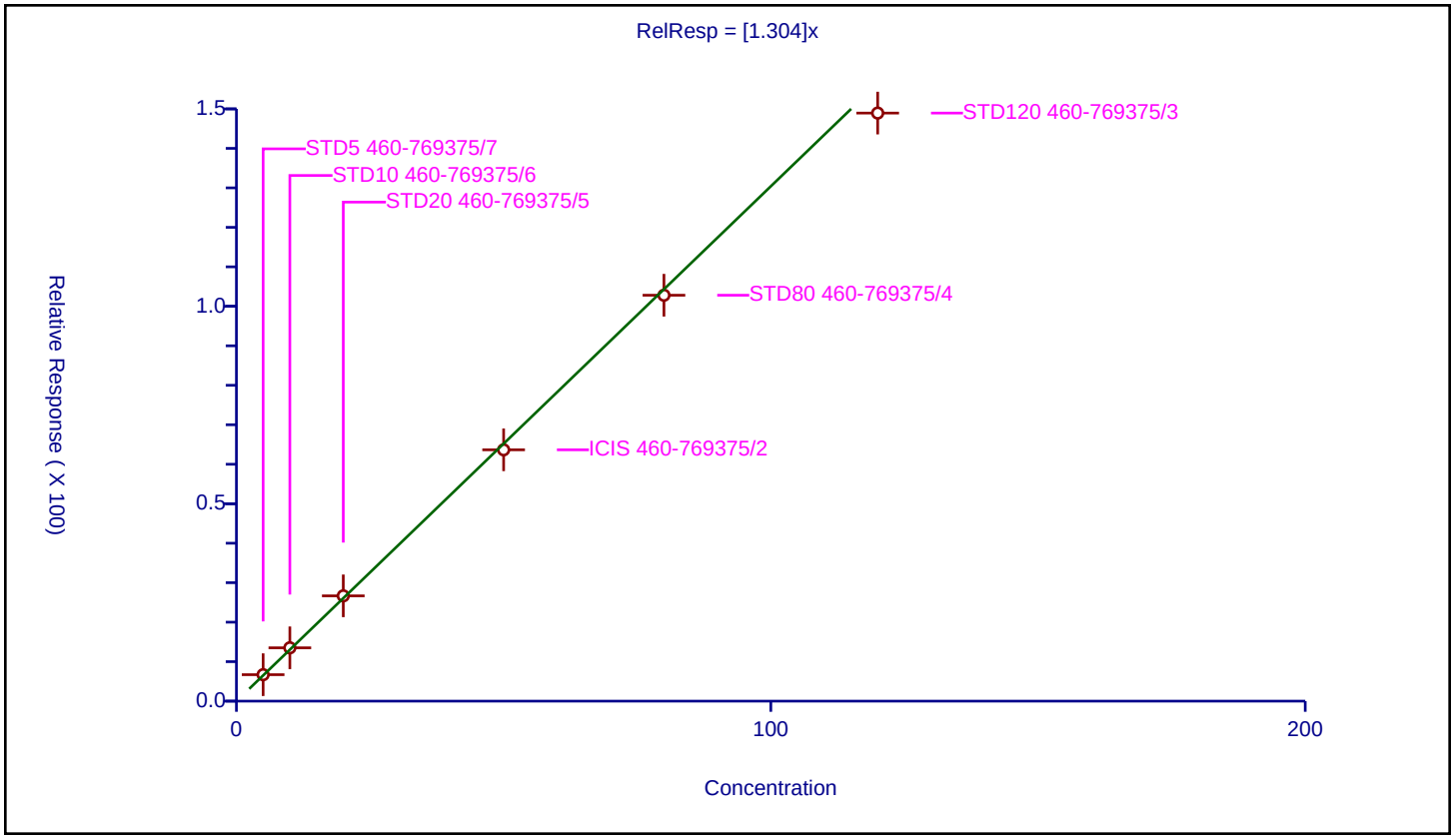
Curve Coefficients

Intercept:	0
Slope:	1.304

Error Coefficients

Standard Error:	778000
Relative Standard Error:	3.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	6.698868	40.0	357547.0	1.339774	Y
2	STD10 460-769375/6	10.0	13.510203	40.0	354461.0	1.35102	Y
3	STD20 460-769375/5	20.0	26.669245	40.0	377446.0	1.333462	Y
4	ICIS 460-769375/2	50.0	63.652899	40.0	400575.0	1.273058	Y
5	STD80 460-769375/4	80.0	102.806172	40.0	352131.0	1.285077	Y
6	STD120 460-769375/3	120.0	148.943538	40.0	352185.0	1.241196	Y



Calibration / Bis(2-ethylhexyl) phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

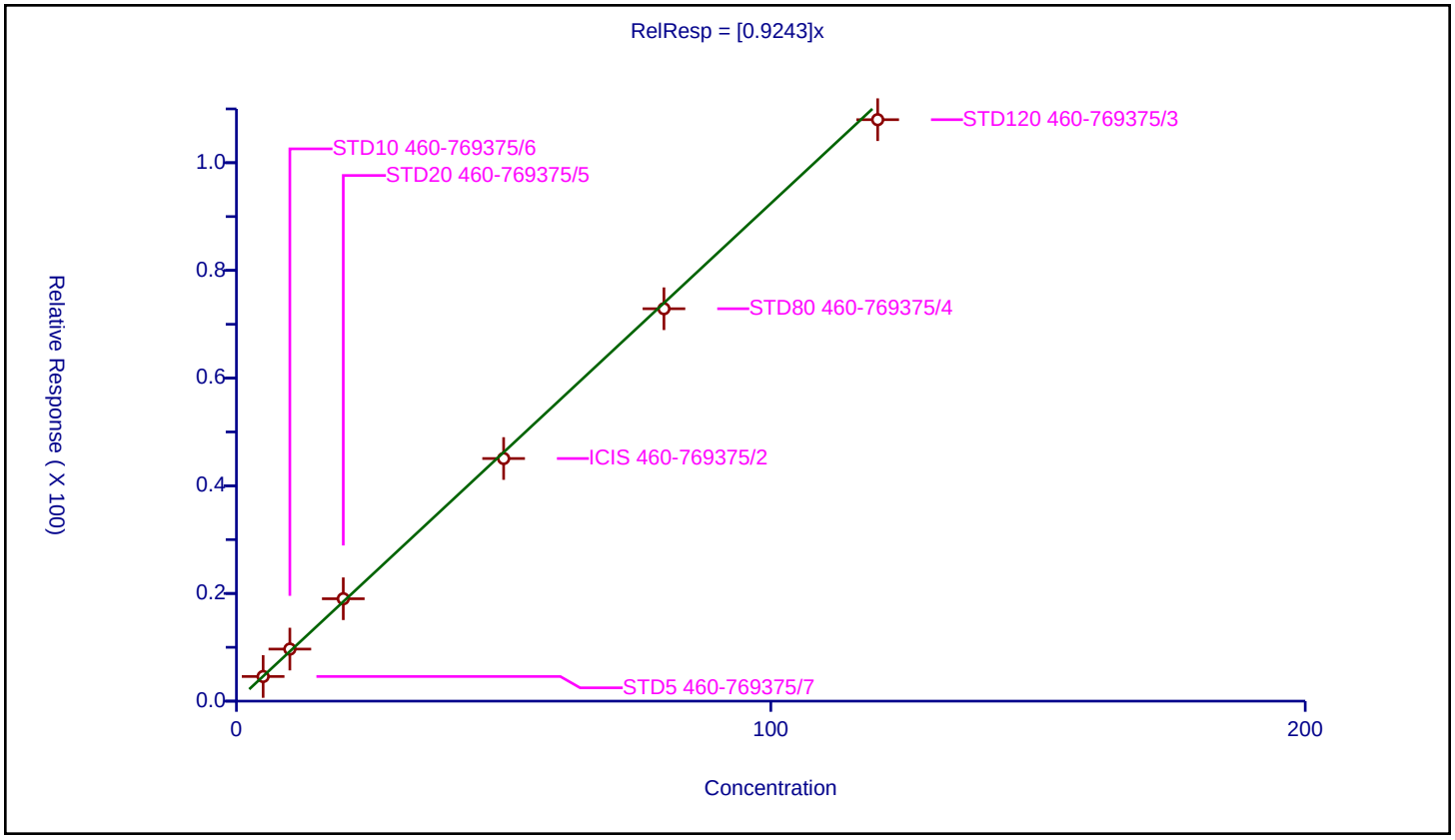
Curve Coefficients

Intercept:	0
Slope:	0.9243

Error Coefficients

Standard Error:	559000
Relative Standard Error:	3.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	4.578083	40.0	357547.0	0.915617	Y
2	STD10 460-769375/6	10.0	9.670232	40.0	354461.0	0.967023	Y
3	STD20 460-769375/5	20.0	19.017502	40.0	377446.0	0.950875	Y
4	ICIS 460-769375/2	50.0	45.063621	40.0	400575.0	0.901272	Y
5	STD80 460-769375/4	80.0	72.885034	40.0	352131.0	0.911063	Y
6	STD120 460-769375/3	120.0	107.995854	40.0	352185.0	0.899965	Y



Calibration / Di-n-octyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

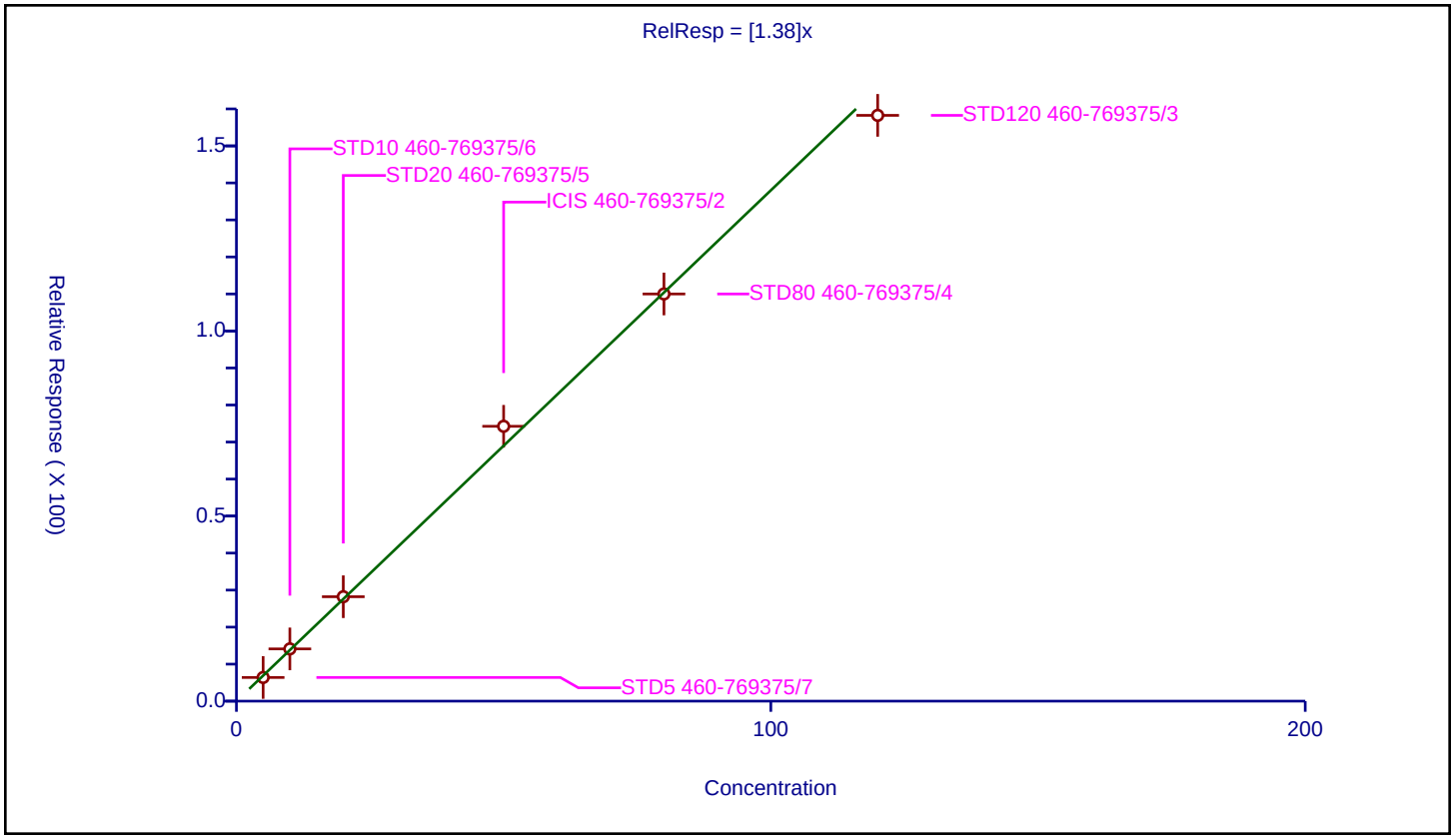
Curve Coefficients

Intercept:	0
Slope:	1.38

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	5.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	6.391416	40.0	436185.0	1.278283	Y
2	STD10 460-769375/6	10.0	14.116833	40.0	424982.0	1.411683	Y
3	STD20 460-769375/5	20.0	28.207886	40.0	439721.0	1.410394	Y
4	ICIS 460-769375/2	50.0	74.25415	40.0	439552.0	1.485083	Y
5	STD80 460-769375/4	80.0	110.000447	40.0	425211.0	1.375006	Y
6	STD120 460-769375/3	120.0	158.248346	40.0	436182.0	1.318736	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

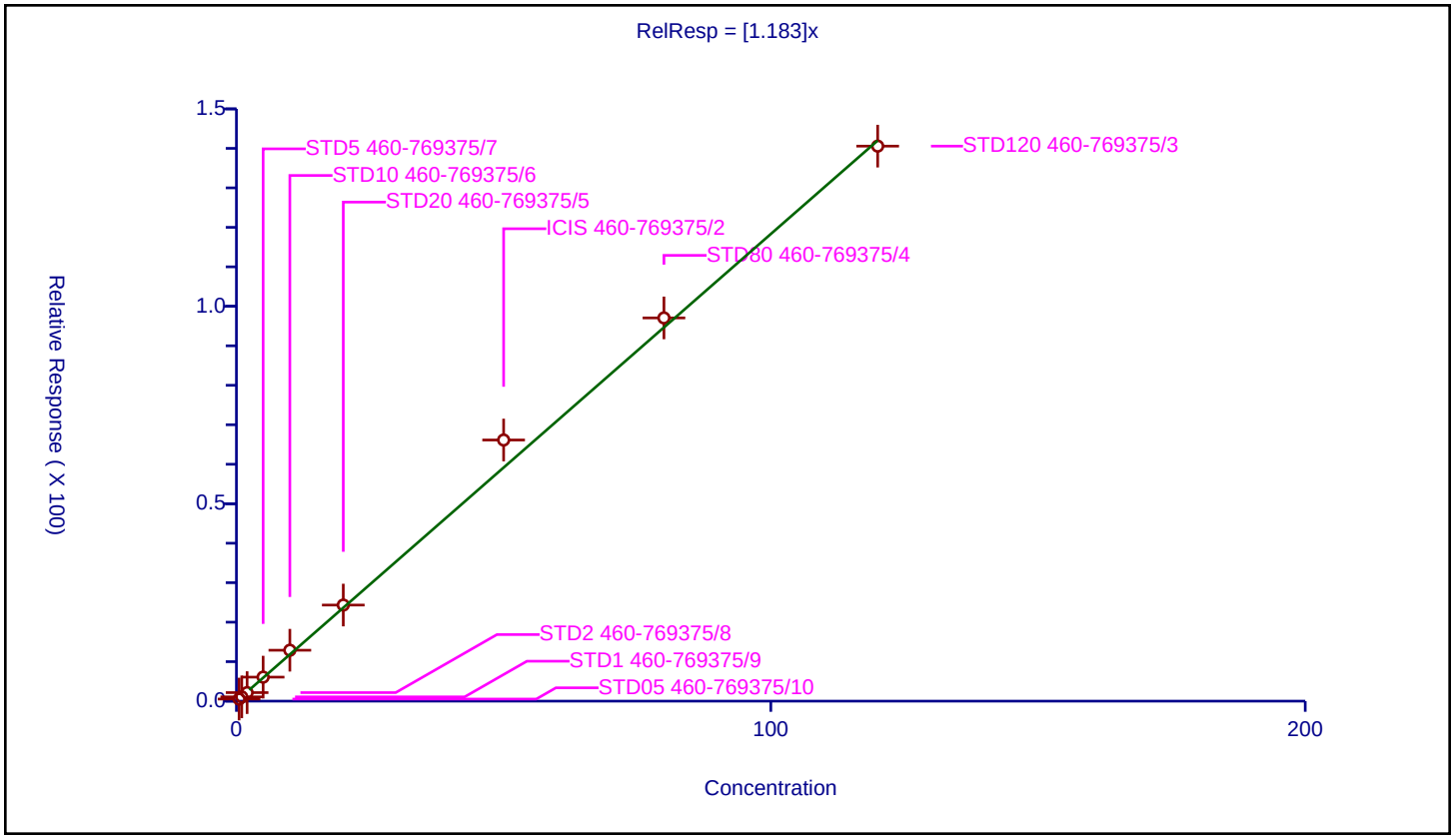
Curve Coefficients

Intercept:	0
Slope:	1.183

Error Coefficients

Standard Error:	710000
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.529318	40.0	438300.0	1.058636	Y
2	STD1 460-769375/9	1.0	1.080066	40.0	448195.0	1.080066	Y
3	STD2 460-769375/8	2.0	2.159266	40.0	437056.0	1.079633	Y
4	STD5 460-769375/7	5.0	6.079989	40.0	436185.0	1.215998	Y
5	STD10 460-769375/6	10.0	12.896358	40.0	424982.0	1.289636	Y
6	STD20 460-769375/5	20.0	24.335795	40.0	439721.0	1.21679	Y
7	ICIS 460-769375/2	50.0	66.138432	40.0	439552.0	1.322769	Y
8	STD80 460-769375/4	80.0	97.059389	40.0	425211.0	1.213242	Y
9	STD120 460-769375/3	120.0	140.572055	40.0	436182.0	1.171434	Y



Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

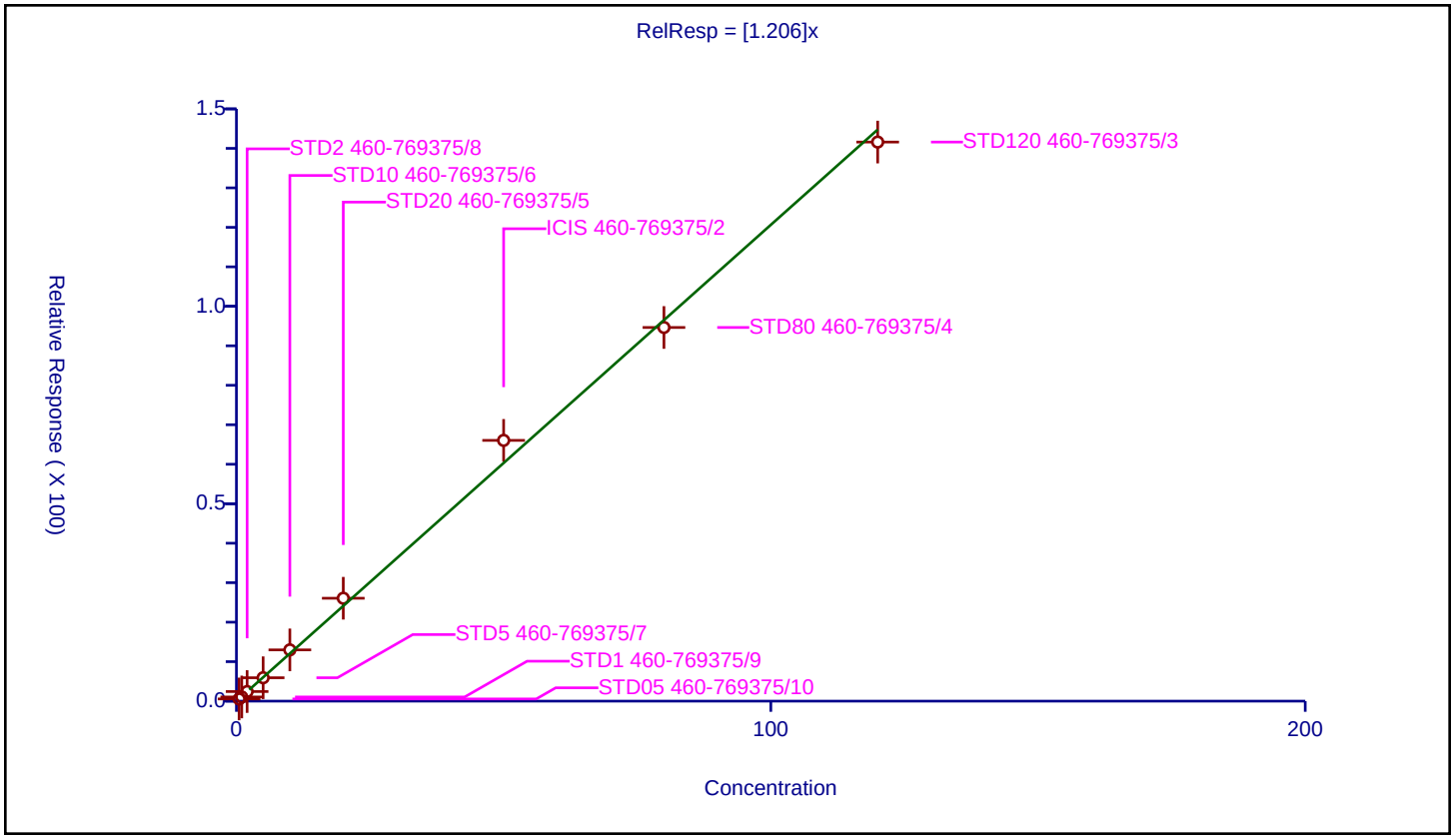
Curve Coefficients

Intercept:	0
Slope:	1.206

Error Coefficients

Standard Error:	710000
Relative Standard Error:	7.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.557153	40.0	438300.0	1.114305	Y
2	STD1 460-769375/9	1.0	1.057575	40.0	448195.0	1.057575	Y
3	STD2 460-769375/8	2.0	2.429071	40.0	437056.0	1.214535	Y
4	STD5 460-769375/7	5.0	5.923267	40.0	436185.0	1.184653	Y
5	STD10 460-769375/6	10.0	12.982668	40.0	424982.0	1.298267	Y
6	STD20 460-769375/5	20.0	26.063254	40.0	439721.0	1.303163	Y
7	ICIS 460-769375/2	50.0	66.043244	40.0	439552.0	1.320865	Y
8	STD80 460-769375/4	80.0	94.641578	40.0	425211.0	1.18302	Y
9	STD120 460-769375/3	120.0	141.602725	40.0	436182.0	1.180023	Y



Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

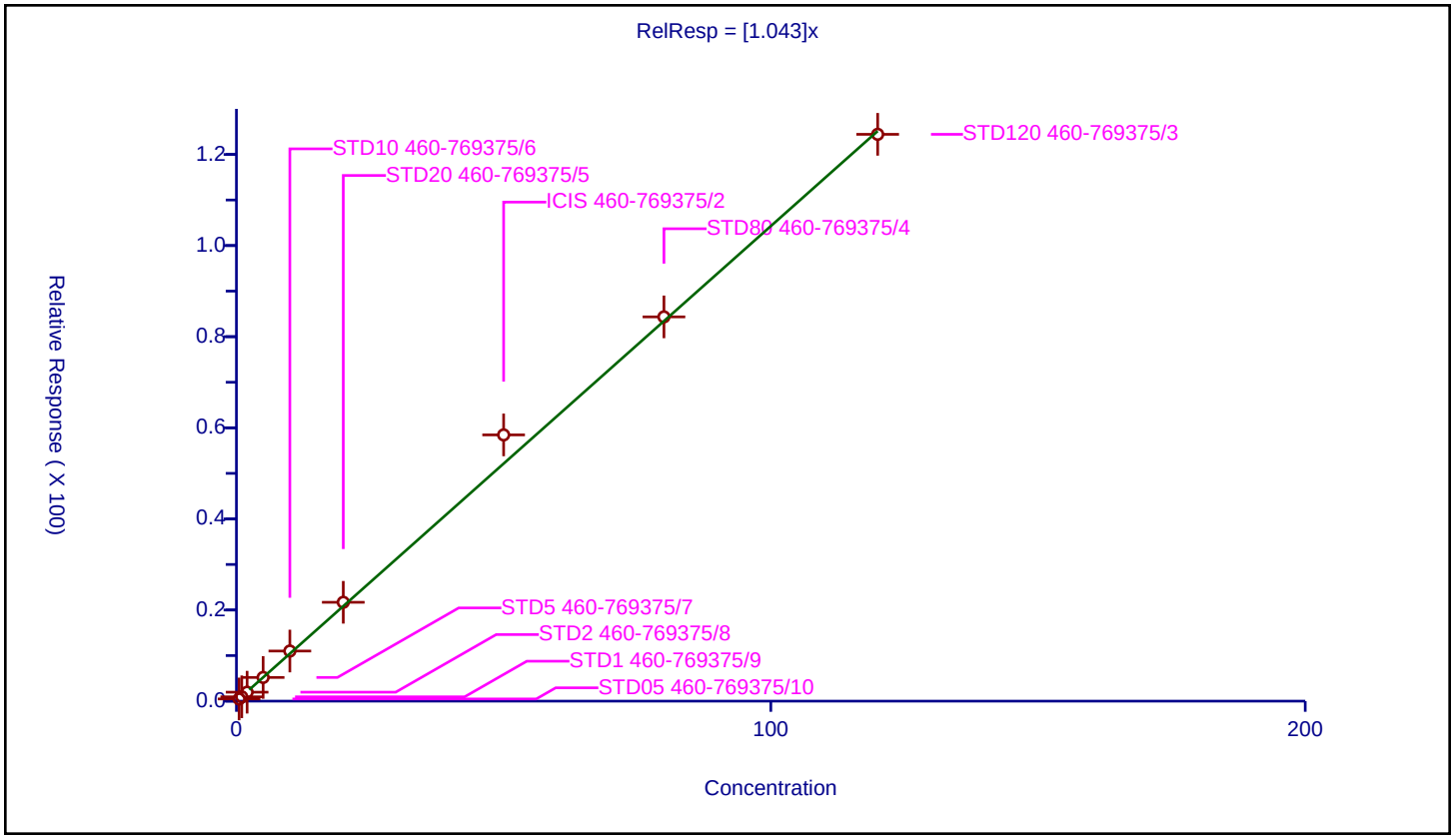
Curve Coefficients

Intercept:	0
Slope:	1.043

Error Coefficients

Standard Error:	626000
Relative Standard Error:	6.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.483048	40.0	438300.0	0.966096	Y
2	STD1 460-769375/9	1.0	0.949676	40.0	448195.0	0.949676	Y
3	STD2 460-769375/8	2.0	1.96826	40.0	437056.0	0.98413	Y
4	STD5 460-769375/7	5.0	5.200454	40.0	436185.0	1.040091	Y
5	STD10 460-769375/6	10.0	10.997172	40.0	424982.0	1.099717	Y
6	STD20 460-769375/5	20.0	21.700578	40.0	439721.0	1.085029	Y
7	ICIS 460-769375/2	50.0	58.440594	40.0	439552.0	1.168812	Y
8	STD80 460-769375/4	80.0	84.347959	40.0	425211.0	1.054349	Y
9	STD120 460-769375/3	120.0	124.413937	40.0	436182.0	1.036783	Y



Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

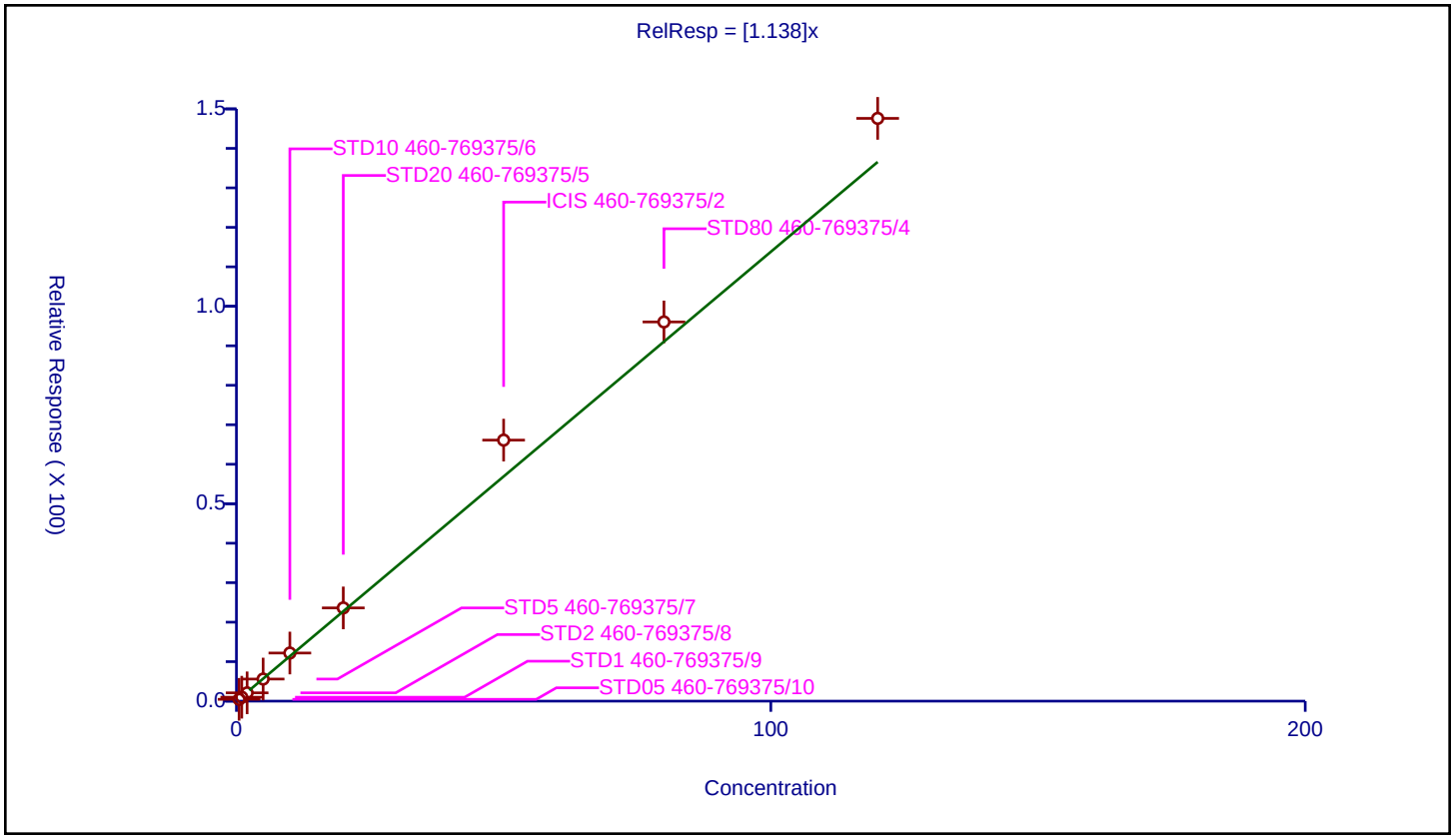
Curve Coefficients

Intercept:	0
Slope:	1.138

Error Coefficients

Standard Error:	729000
Relative Standard Error:	11.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.462788	40.0	438300.0	0.925576	Y
2	STD1 460-769375/9	1.0	0.995638	40.0	448195.0	0.995638	Y
3	STD2 460-769375/8	2.0	2.09996	40.0	437056.0	1.04998	Y
4	STD5 460-769375/7	5.0	5.595791	40.0	436185.0	1.119158	Y
5	STD10 460-769375/6	10.0	12.186493	40.0	424982.0	1.218649	Y
6	STD20 460-769375/5	20.0	23.612245	40.0	439721.0	1.180612	Y
7	ICIS 460-769375/2	50.0	66.114134	40.0	439552.0	1.322283	Y
8	STD80 460-769375/4	80.0	96.03966	40.0	425211.0	1.200496	Y
9	STD120 460-769375/3	120.0	147.595545	40.0	436182.0	1.229963	Y



Calibration / Dibenz(a,h)anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

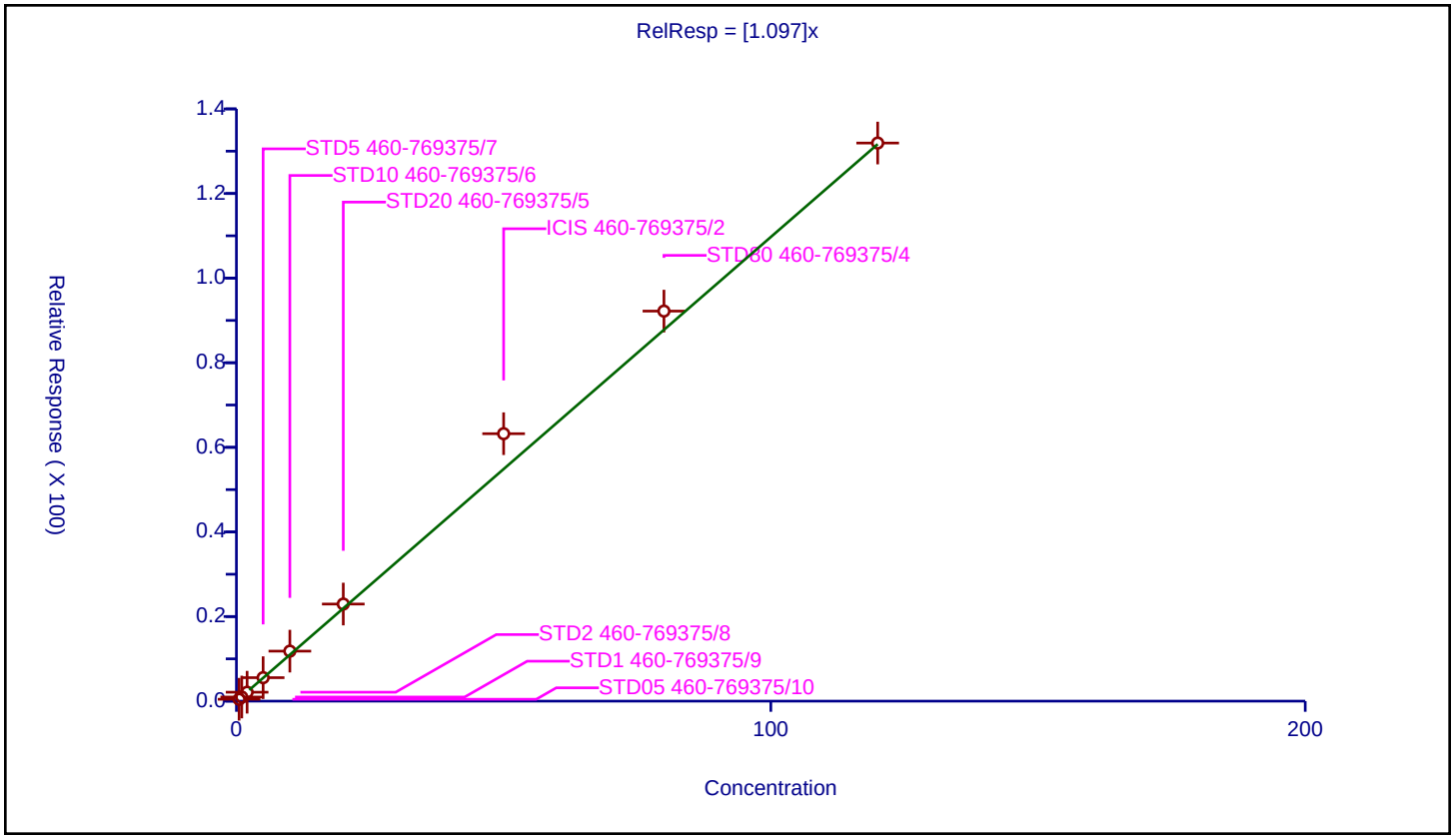
Curve Coefficients

Intercept:	0
Slope:	1.097

Error Coefficients

Standard Error:	670000
Relative Standard Error:	10.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-769375/10	0.5	0.445448	40.0	438300.0	0.890897	Y
2	STD1 460-769375/9	1.0	0.972077	40.0	448195.0	0.972077	Y
3	STD2 460-769375/8	2.0	2.111491	40.0	437056.0	1.055746	Y
4	STD5 460-769375/7	5.0	5.548013	40.0	436185.0	1.109603	Y
5	STD10 460-769375/6	10.0	11.820548	40.0	424982.0	1.182055	Y
6	STD20 460-769375/5	20.0	22.952645	40.0	439721.0	1.147632	Y
7	ICIS 460-769375/2	50.0	63.221189	40.0	439552.0	1.264424	Y
8	STD80 460-769375/4	80.0	92.202507	40.0	425211.0	1.152531	Y
9	STD120 460-769375/3	120.0	131.92759	40.0	436182.0	1.099397	Y



Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

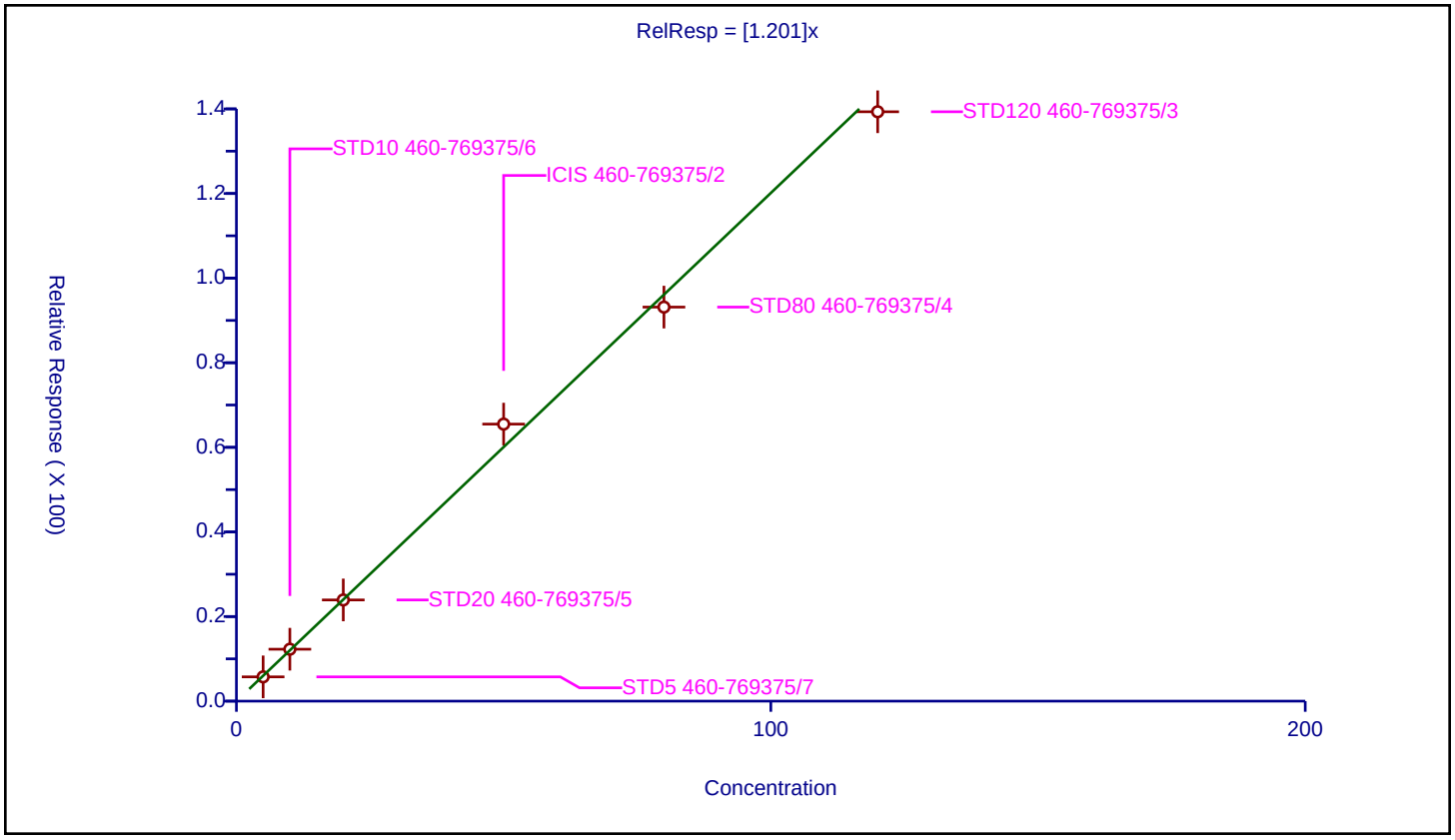
Curve Coefficients

Intercept:	0
Slope:	1.201

Error Coefficients

Standard Error:	883000
Relative Standard Error:	5.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-769375/7	5.0	5.738758	40.0	436185.0	1.147752	Y
2	STD10 460-769375/6	10.0	12.276567	40.0	424982.0	1.227657	Y
3	STD20 460-769375/5	20.0	23.923806	40.0	439721.0	1.19619	Y
4	ICIS 460-769375/2	50.0	65.489043	40.0	439552.0	1.309781	Y
5	STD80 460-769375/4	80.0	93.14538	40.0	425211.0	1.164317	Y
6	STD120 460-769375/3	120.0	139.317533	40.0	436182.0	1.160979	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: ICV 460-769375/11 Calibration Date: 04/04/2021 16:29

Instrument ID: CBNAMS12 Calib Start Date: 04/04/2021 12:49

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/04/2021 16:07

Lab File ID: L342542.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Qua		0.4498		24000	25000	-3.8	30.0
N-Nitrosodimethylamine	Ave	0.6729	0.7118		26400	25000	5.8	30.0
Pyridine	Ave	1.167	1.024		43900	50000	-12.3	30.0
Benzaldehyde	Ave	0.9873	0.7704	0.0100	19500	25000	-22.0	30.0
Phenol	Ave	1.638	1.557	0.8000	23800	25000	-5.0	30.0
Aniline	Ave	1.952	1.839		23600	25000	-5.8	30.0
Bis(2-chloroethyl)ether	Ave	1.197	1.149	0.7000	24000	25000	-4.0	30.0
2-Chlorophenol	Ave	1.376	1.348	0.8000	24500	25000	-2.0	30.0
n-Decane	Ave	1.451	1.446		24900	25000	-0.3	30.0
1,3-Dichlorobenzene	Ave	1.576	1.542		24500	25000	-2.1	30.0
1,4-Dichlorobenzene	Ave	1.595	1.547		24200	25000	-3.0	30.0
Benzyl alcohol	Ave	0.8237	0.8375		25400	25000	1.7	30.0
1,2-Dichlorobenzene	Ave	1.492	1.490		25000	25000	-0.1	30.0
2-Methylphenol	Ave	1.141	1.119	0.7000	24500	25000	-1.9	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.952	1.954	0.0100	25000	25000	0.0	30.0
N-Methylaniline	Ave	1.994	1.849		23200	25000	-7.2	30.0
3 & 4 Methylphenol	Ave	1.303	1.254		24100	25000	-3.7	30.0
4-Methylphenol	Ave	1.303	1.254	0.6000	24100	25000	-3.7	30.0
Acetophenone	Ave	1.841	1.800	0.0100	24400	25000	-2.2	30.0
N-Nitrosodi-n-propylamine	Ave	0.8846	0.8566	0.5000	24200	25000	-3.2	30.0
Hexachloroethane	Ave	0.5547	0.5506	0.3000	24800	25000	-0.7	30.0
Nitrobenzene	Ave	0.5737	0.5379	0.2000	23400	25000	-6.2	30.0
n,n'-Dimethylaniline	Ave	1.977	1.911		24200	25000	-3.3	30.0
Isophorone	Ave	0.6095	0.5986	0.4000	24600	25000	-1.8	30.0
2-Nitrophenol	Ave	0.1537	0.1399	0.1000	22800	25000	-9.0	30.0
2,4-Dimethylphenol	Ave	0.3103	0.3011	0.2000	24300	25000	-2.9	30.0
Benzoic acid	Ave	0.1579	0.1398		22100	25000	-11.4	30.0
Bis(2-chloroethoxy)methane	Ave	0.3942	0.3821	0.3000	24200	25000	-3.1	30.0
2,4-Dichlorophenol	Ave	0.3034	0.2985	0.2000	24600	25000	-1.6	30.0
1,2,4-Trichlorobenzene	Ave	0.3576	0.3451		24100	25000	-3.5	30.0
Naphthalene	Ave	1.010	0.9866	0.7000	24400	25000	-2.4	30.0
4-Chloroaniline	Ave	0.4452	0.4275	0.0100	24000	25000	-4.0	30.0
Hexachlorobutadiene	Ave	0.2042	0.2000	0.0100	24500	25000	-2.1	30.0
Caprolactam	Ave	0.0874	0.0876	0.0100	25000	25000	0.2	30.0
4-Chloro-3-methylphenol	Ave	0.2837	0.2724	0.2000	24000	25000	-4.0	30.0
2-Methylnaphthalene	Ave	0.7316	0.6936	0.4000	23700	25000	-5.2	30.0
1-Methylnaphthalene	Ave	0.6890	0.6474		23500	25000	-6.0	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6809	0.6854	0.0100	25200	25000	0.7	30.0
Hexachlorocyclopentadiene	Ave	0.4298	0.3501	0.0500	20400	25000	-18.5	30.0
2-tertbutyl-4-methylphenol	Ave	0.4457	0.4314		24200	25000	-3.2	30.0
2,4,6-Trichlorophenol	Ave	0.4149	0.4236	0.2000	25500	25000	2.1	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: ICV 460-769375/11 Calibration Date: 04/04/2021 16:29

Instrument ID: CBNAMS12 Calib Start Date: 04/04/2021 12:49

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/04/2021 16:07

Lab File ID: L342542.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4747	0.4382	0.2000	23100	25000	-7.7	30.0
1,1'-Biphenyl	Ave	1.598	1.581	0.0100	24700	25000	-1.0	30.0
2-Chloronaphthalene	Ave	1.231	1.222	0.8000	24800	25000	-0.8	30.0
Phenyl ether	Ave	0.8306	0.7893		23800	25000	-5.0	30.0
2-Nitroaniline	Ave	0.3358	0.3212	0.0100	23900	25000	-4.3	30.0
1,3-Dimethylnaphthalene	Ave	0.9532	0.9935		26100	25000	4.2	30.0
Dimethyl phthalate	Ave	1.419	1.378	0.0100	24300	25000	-2.9	30.0
Coumarin	Ave	0.2653	0.2468		23300	25000	-7.0	30.0
2,6-Dinitrotoluene	Ave	0.2472	0.2577	0.2000	26100	25000	4.2	30.0
Acenaphthylene	Ave	1.862	1.796	0.9000	24100	25000	-3.6	30.0
3-Nitroaniline	Ave	0.2941	0.2826	0.0100	24000	25000	-3.9	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.062	1.014		23900	25000	-4.5	30.0
Acenaphthene	Ave	1.245	1.224	0.9000	24600	25000	-1.8	30.0
2,4-Dinitrophenol	Qua2		0.0863	0.0100	43600	50000	-12.8	30.0
4-Nitrophenol	Ave	0.2071	0.2002	0.0100	48300	50000	-3.3	30.0
2,4-Dinitrotoluene	Qua2		0.3415	0.2000	25200	25000	0.7	30.0
Dibenzofuran	Ave	1.761	1.733	0.8000	24600	25000	-1.6	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3602	0.3490	0.0100	24200	25000	-3.1	30.0
Diethyl phthalate	Ave	1.471	1.399	0.0100	23800	25000	-4.9	30.0
4-Chlorophenyl phenyl ether	Ave	0.6762	0.6481	0.4000	24000	25000	-4.2	30.0
Fluorene	Ave	1.419	1.361	0.9000	24000	25000	-4.1	30.0
4-Nitroaniline	Ave	0.3089	0.2982	0.0100	24100	25000	-3.5	30.0
4,6-Dinitro-2-methylphenol	Qua1		0.0698	0.0100	42300	50000	-15.3	30.0
N-Nitrosodiphenylamine	Ave	0.5469	0.5500	0.0100	25100	25000	0.6	30.0
1,2-Diphenylhydrazine	Ave	0.6550	0.6709		25600	25000	2.4	30.0
4-Bromophenyl phenyl ether	Ave	0.2356	0.2367	0.1000	25100	25000	0.5	30.0
Hexachlorobenzene	Ave	0.2676	0.2666	0.1000	24900	25000	-0.4	30.0
Atrazine	Ave	0.2155	0.2203	0.0100	25600	25000	2.2	30.0
Pentachlorophenol	Ave	0.1494	0.1492	0.0500	49900	50000	-0.1	30.0
Pentachloronitrobenzene	Ave	0.1007	0.0991	0.0100	24600	25000	-1.6	30.0
n-Octadecane	Ave	0.4748	0.4853		25600	25000	2.2	30.0
Phenanthrene	Ave	1.147	1.136	0.7000	24800	25000	-1.0	30.0
Anthracene	Ave	1.179	1.172	0.7000	24900	25000	-0.6	30.0
Carbazole	Ave	1.053	1.030	0.0100	24500	25000	-2.2	30.0
Di-n-butyl phthalate	Ave	1.322	1.296	0.0100	24500	25000	-2.0	30.0
Fluoranthene	Ave	1.307	1.292	0.6000	24700	25000	-1.1	30.0
Benzidine	Ave	0.6647	0.5120		19300	25000	-23.0	30.0
Pyrene	Ave	1.512	1.540	0.6000	25500	25000	1.9	30.0
Bisphenol-A	Ave	0.5622	0.5786		25700	25000	2.9	30.0
Butyl benzyl phthalate	Ave	0.6249	0.6295	0.0100	25200	25000	0.7	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: ICV 460-769375/11 Calibration Date: 04/04/2021 16:29

Instrument ID: CBNAMS12 Calib Start Date: 04/04/2021 12:49

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/04/2021 16:07

Lab File ID: L342542.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.5729	0.5822		25400	25000	1.6	30.0
3,3'-Dichlorobenzidine	Ave	0.5164	0.4889	0.0100	23700	25000	-5.3	30.0
Benzo[a]anthracene	Ave	1.392	1.432	0.8000	25700	25000	2.8	30.0
Chrysene	Ave	1.304	1.289	0.7000	24700	25000	-1.1	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.9243	0.9079	0.0100	24600	25000	-1.8	30.0
Di-n-octyl phthalate	Ave	1.380	1.353	0.0100	24500	25000	-1.9	30.0
Benzo[b]fluoranthene	Ave	1.183	1.210		25600	25000	2.2	30.0
Benzo[k]fluoranthene	Ave	1.206	1.223	0.7000	25300	25000	1.4	30.0
Benzo[a]pyrene	Ave	1.043	1.160	0.7000	27800	25000	11.2	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.138	1.172	0.5000	25700	25000	3.0	30.0
Dibenz(a,h)anthracene	Ave	1.097	1.133	0.4000	25800	25000	3.2	30.0
Benzo[g,h,i]perylene	Ave	1.201	1.178	0.5000	24500	25000	-1.9	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342542.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 04-Apr-2021 16:29:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126499-011
Operator ID: Instrument ID: CBNAMS12
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 05-Apr-2021 08:39:29 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: johnstonm1 Date: 05-Apr-2021 08:39:43

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	1,4-Dioxane	88	1.963	1.963	0.000	99	36161	25.0	24.0	
2	N-Nitrosodimethylamine	74	2.204	2.204	0.000	87	57229	25.0	26.4	
3	Pyridine	79	2.240	2.240	0.000	85	164595	50.0	43.9	
5	Benzaldehyde	77	4.234	4.234	0.000	94	61943	25.0	19.5	E
7	Phenol	94	4.298	4.304	-0.006	98	125174	25.0	23.8	
8	Aniline	93	4.334	4.334	0.000	98	147860	25.0	23.6	
9	Bis(2-chloroethyl)ether	93	4.387	4.393	-0.005	95	92350	25.0	24.0	
10	2-Chlorophenol	128	4.451	4.451	0.000	97	108372	25.0	24.5	
11	n-Decane	43	4.504	4.504	0.000	94	116293	25.0	24.9	
12	1,3-Dichlorobenzene	146	4.598	4.598	0.000	97	124009	25.0	24.5	
* 13	1,4-Dichlorobenzene-d4	152	4.651	4.651	0.000	94	128642	40.0	40.0	
14	1,4-Dichlorobenzene	146	4.663	4.669	-0.006	96	124381	25.0	24.2	
15	Benzyl alcohol	108	4.769	4.775	-0.006	94	67338	25.0	25.4	
16	1,2-Dichlorobenzene	146	4.810	4.810	0.000	98	119816	25.0	25.0	
17	2-Methylphenol	108	4.875	4.881	-0.006	91	89945	25.0	24.5	
18	2,2'-oxybis[1-chloropropane]	45	4.904	4.904	0.000	93	157092	25.0	25.0	
130	N-Methylaniline	106	5.016	5.022	-0.006	92	148701	25.0	23.2	
22	Acetophenone	105	5.022	5.028	-0.006	87	144735	25.0	24.4	
19	4-Methylphenol	108	5.022	5.028	-0.006	79	100808	25.0	24.1	
20	3 & 4 Methylphenol	108	5.022	5.028	-0.006	87	100808	25.0	24.1	
21	N-Nitrosodi-n-propylamine	70	5.022	5.028	-0.006	90	68871	25.0	24.2	
25	Hexachloroethane	117	5.134	5.134	0.000	92	44272	25.0	24.8	
27	Nitrobenzene	123	5.187	5.192	-0.005	92	43246	25.0	23.4	
28	n,n'-Dimethylaniline	120	5.192	5.192	0.000	92	153641	25.0	24.2	
29	Isophorone	82	5.410	5.416	-0.006	99	180169	25.0	24.6	
30	2-Nitrophenol	139	5.487	5.492	-0.006	94	42104	25.0	22.8	
31	2,4-Dimethylphenol	122	5.528	5.534	-0.006	93	90632	25.0	24.3	
32	Bis(2-chloroethoxy)methane	93	5.616	5.622	-0.006	97	114990	25.0	24.2	
33	Benzoic acid	122	5.598	5.634	-0.036	91	42090	25.0	22.1	
34	2,4-Dichlorophenol	162	5.716	5.722	-0.006	96	89852	25.0	24.6	
35	1,2,4-Trichlorobenzene	180	5.804	5.804	0.000	94	103861	25.0	24.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 36 Naphthalene-d8	136	5.851	5.857	-0.006	99	481546	40.0	40.0	
37 Naphthalene	128	5.875	5.875	0.000	99	296939	25.0	24.4	
38 4-Chloroaniline	127	5.922	5.922	0.000	97	128677	25.0	24.0	
131 2,6-Dichlorophenol	162	5.934	5.934	0.000	98	86527	25.0	24.1	
39 Hexachlorobutadiene	225	6.004	6.004	0.000	97	60186	25.0	24.5	
40 Caprolactam	113	6.234	6.287	-0.052	88	26360	25.0	25.0	E
41 4-Chloro-3-methylphenol	107	6.381	6.386	-0.005	95	81975	25.0	24.0	
42 2-Methylnaphthalene	142	6.528	6.534	-0.006	86	208745	25.0	23.7	
43 1-Methylnaphthalene	142	6.622	6.628	-0.006	93	194832	25.0	23.5	
44 Hexachlorocyclopentadiene	237	6.692	6.692	0.000	97	55986	25.0	20.4	
45 1,2,4,5-Tetrachlorobenzene	216	6.692	6.698	-0.006	99	109599	25.0	25.2	
46 2-tertbutyl-4-methylphenol	149	6.722	6.722	0.000	92	129847	25.0	24.2	
48 2,4,6-Trichlorophenol	196	6.798	6.804	-0.006	92	67729	25.0	25.5	
49 2,4,5-Trichlorophenol	196	6.833	6.834	-0.001	98	70061	25.0	23.1	
51 1,1'-Biphenyl	154	6.975	6.975	0.000	97	252847	25.0	24.7	
52 2-Chloronaphthalene	162	6.992	6.992	0.000	99	195337	25.0	24.8	
53 Phenyl ether	170	7.075	7.075	0.000	87	126207	25.0	23.8	
54 2-Nitroaniline	65	7.081	7.086	-0.005	97	51365	25.0	23.9	
55 1,3-Dimethylnaphthalene	156	7.198	7.204	-0.006	93	158863	25.0	26.1	
58 Dimethyl phthalate	163	7.263	7.269	-0.006	99	220316	25.0	24.3	
59 Coumarin	146	7.275	7.281	-0.006	81	74291	25.0	23.3	
60 2,6-Dinitrotoluene	165	7.310	7.316	-0.006	96	41202	25.0	26.1	
61 Acenaphthylene	152	7.380	7.386	-0.006	98	287168	25.0	24.1	
62 3-Nitroaniline	138	7.469	7.475	-0.006	96	45184	25.0	24.0	
* 63 Acenaphthene-d10	164	7.516	7.522	-0.006	98	255837	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.545	7.545	0.000	97	162103	25.0	23.9	
65 Acenaphthene	154	7.551	7.551	0.000	94	195638	25.0	24.6	
66 2,4-Dinitrophenol	184	7.569	7.575	-0.006	93	27605	50.0	43.6	a
67 4-Nitrophenol	65	7.628	7.639	-0.011	90	64025	50.0	48.3	
68 2,4-Dinitrotoluene	165	7.692	7.698	-0.006	97	54598	25.0	25.2	
69 Dibenzofuran	168	7.710	7.716	-0.006	96	277109	25.0	24.6	
70 2,3,4,6-Tetrachlorophenol	232	7.828	7.833	-0.005	95	55799	25.0	24.2	
71 Diethyl phthalate	149	7.933	7.939	-0.006	98	223722	25.0	23.8	
74 Fluorene	166	8.033	8.039	-0.006	93	217664	25.0	24.0	
73 4-Chlorophenyl phenyl ether	204	8.033	8.039	-0.006	76	103635	25.0	24.0	
75 4-Nitroaniline	138	8.045	8.057	-0.012	91	47688	25.0	24.1	
76 4,6-Dinitro-2-methylphenol	198	8.080	8.086	-0.006	87	39710	50.0	42.3	
77 N-Nitrosodiphenylamine	169	8.145	8.151	-0.006	99	156518	25.0	25.1	
78 1,2-Diphenylhydrazine	77	8.186	8.192	-0.006	97	190937	25.0	25.6	
80 4-Bromophenyl phenyl ether	248	8.498	8.504	-0.006	94	67370	25.0	25.1	
81 Hexachlorobenzene	284	8.563	8.569	-0.006	96	75866	25.0	24.9	
82 Atrazine	200	8.651	8.657	-0.006	94	62687	25.0	25.6	
83 Pentachlorophenol	266	8.745	8.751	-0.006	94	84913	50.0	49.9	
84 Pentachloronitrobenzene	237	8.763	8.769	-0.006	90	28202	25.0	24.6	
72 n-Octadecane	57	8.833	8.833	0.000	91	138113	25.0	25.6	
* 85 Phenanthrene-d10	188	8.922	8.928	-0.006	98	455352	40.0	40.0	
86 Phenanthrene	178	8.945	8.951	-0.006	97	323203	25.0	24.8	
87 Anthracene	178	8.992	8.998	-0.006	99	333408	25.0	24.9	
88 Carbazole	167	9.139	9.145	-0.006	96	293057	25.0	24.5	
89 Di-n-butyl phthalate	149	9.480	9.486	-0.006	99	368858	25.0	24.5	
90 Fluoranthene	202	10.069	10.074	-0.005	98	367779	25.0	24.7	
91 Benzidine	184	10.192	10.198	-0.006	99	145726	25.0	19.3	a

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.286	10.292	-0.006	98	378752	25.0	25.5	
93 Bisphenol-A	213	10.333	10.339	-0.006	98	142263	25.0	25.7	
95 Butyl benzyl phthalate	149	10.963	10.974	-0.011	94	154776	25.0	25.2	
97 Carbamazepine	193	11.080	11.086	-0.006	93	143149	25.0	25.4	
98 3,3'-Dichlorobenzidine	252	11.574	11.580	-0.006	99	120206	25.0	23.7	
99 Benzo[a]anthracene	228	11.598	11.604	-0.006	99	351994	25.0	25.7	
* 100 Chrysene-d12	240	11.610	11.616	-0.006	99	393423	40.0	40.0	
101 Chrysene	228	11.639	11.651	-0.012	99	316990	25.0	24.7	
102 Bis(2-ethylhexyl) phthalate	149	11.663	11.669	-0.005	85	223248	25.0	24.6	
103 Di-n-octyl phthalate	149	12.551	12.557	-0.006	96	394593	25.0	24.5	
104 Benzo[b]fluoranthene	252	13.051	13.063	-0.012	99	352750	25.0	25.6	
105 Benzo[k]fluoranthene	252	13.086	13.098	-0.012	99	356555	25.0	25.3	
106 Benzo[a]pyrene	252	13.521	13.533	-0.012	97	338224	25.0	27.8	
* 107 Perylene-d12	264	13.610	13.615	-0.005	98	466555	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.292	15.315	-0.023	99	341668	25.0	25.7	
109 Dibenz(a,h)anthracene	278	15.345	15.362	-0.017	98	330315	25.0	25.8	
110 Benzo[g,h,i]perylene	276	15.780	15.809	-0.029	98	343641	25.0	24.5	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_ICV_00004 Amount Added: 1.00 Units: mL

Report Date: 05-Apr-2021 08:39:44 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342542.d

Injection Date: 04-Apr-2021 16:29:30 Instrument ID: CBNAMS12 Operator ID:

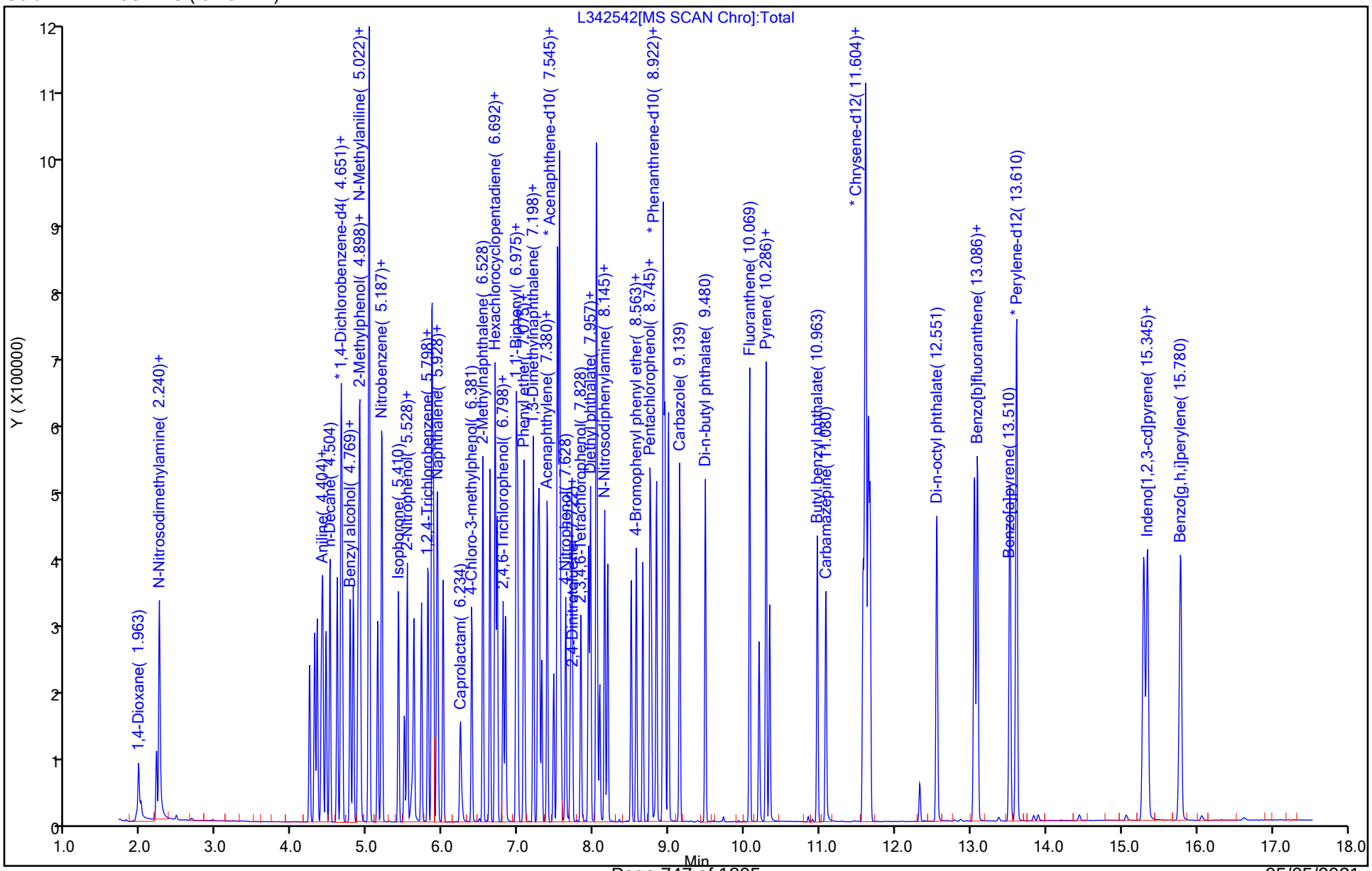
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270_12R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

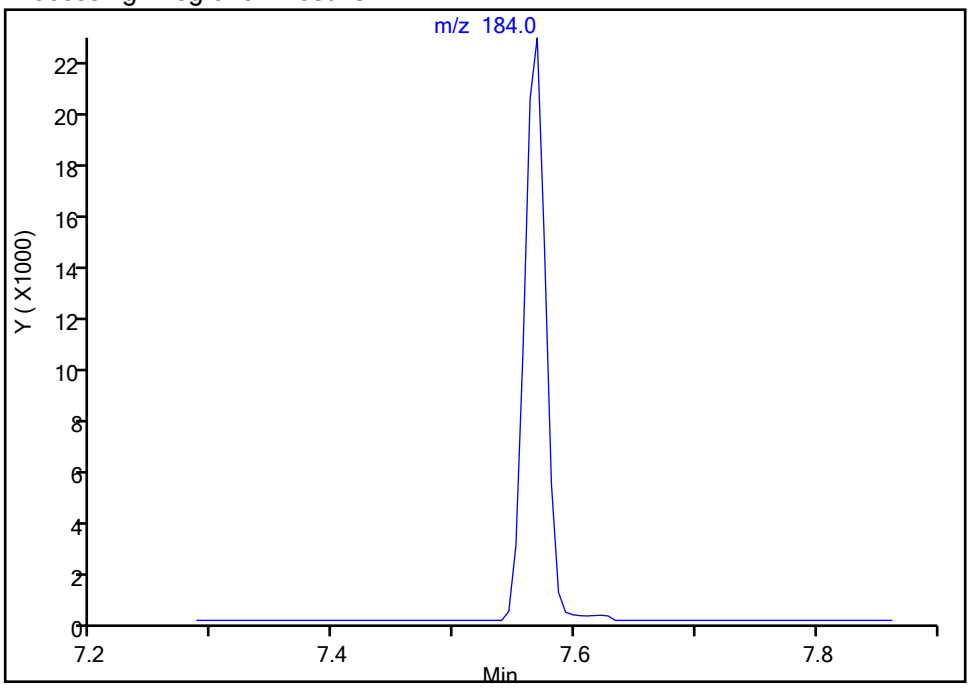
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342542.d
Injection Date: 04-Apr-2021 16:29:30 Instrument ID: CBNAMS12
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

66 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

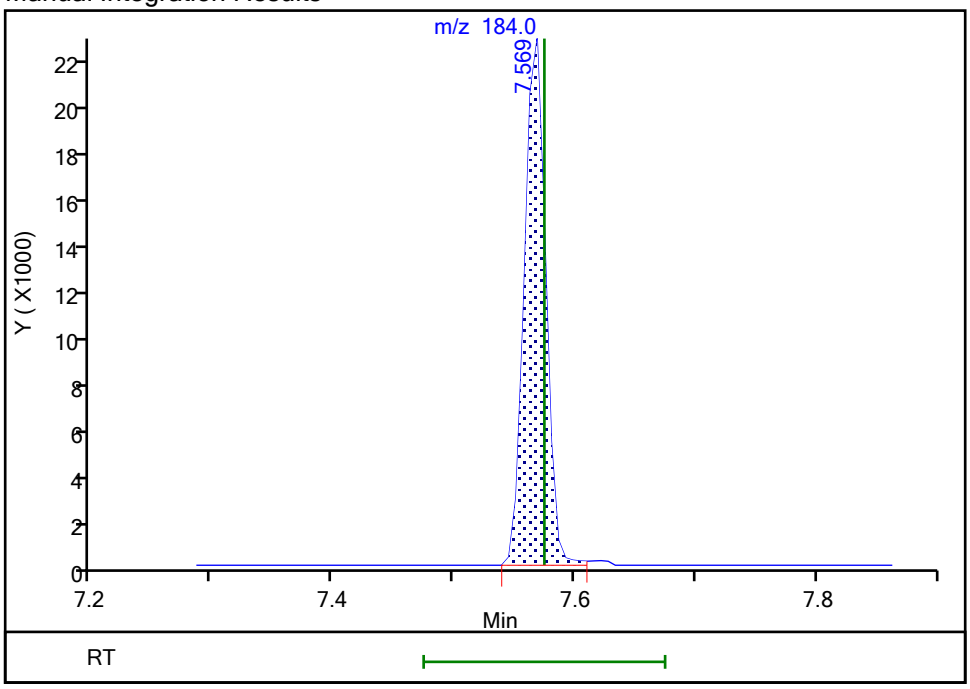
Not Detected
Expected RT: 7.57

Processing Integration Results



Manual Integration Results

RT: 7.57
Area: 27605
Amount: 43.599854
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 18:32:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

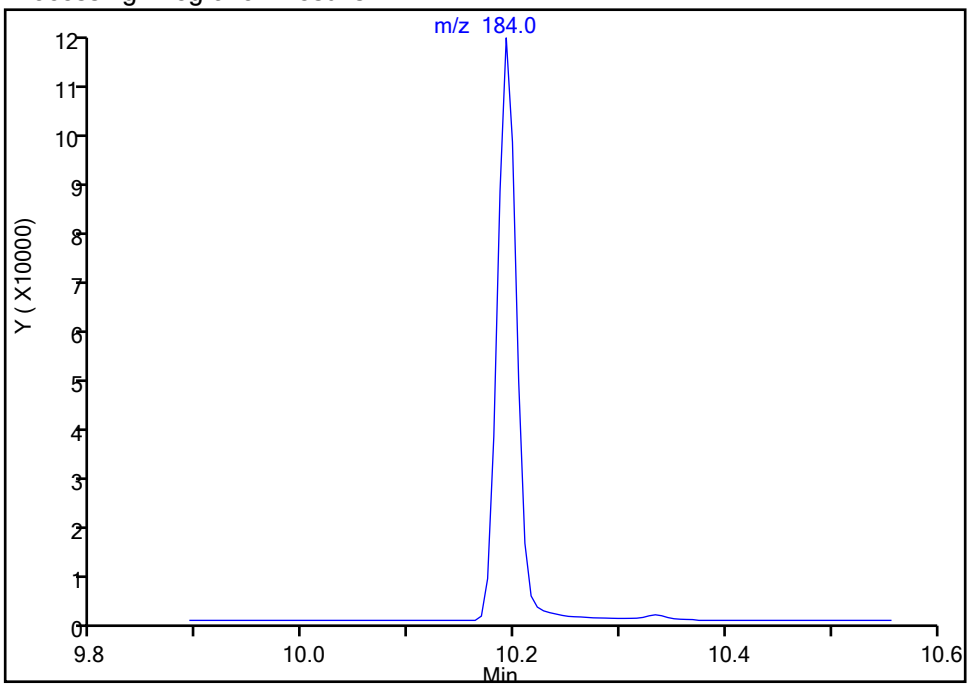
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342542.d
Injection Date: 04-Apr-2021 16:29:30 Instrument ID: CBNAMS12
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

91 Benzidine, CAS: 92-87-5

Signal: 1

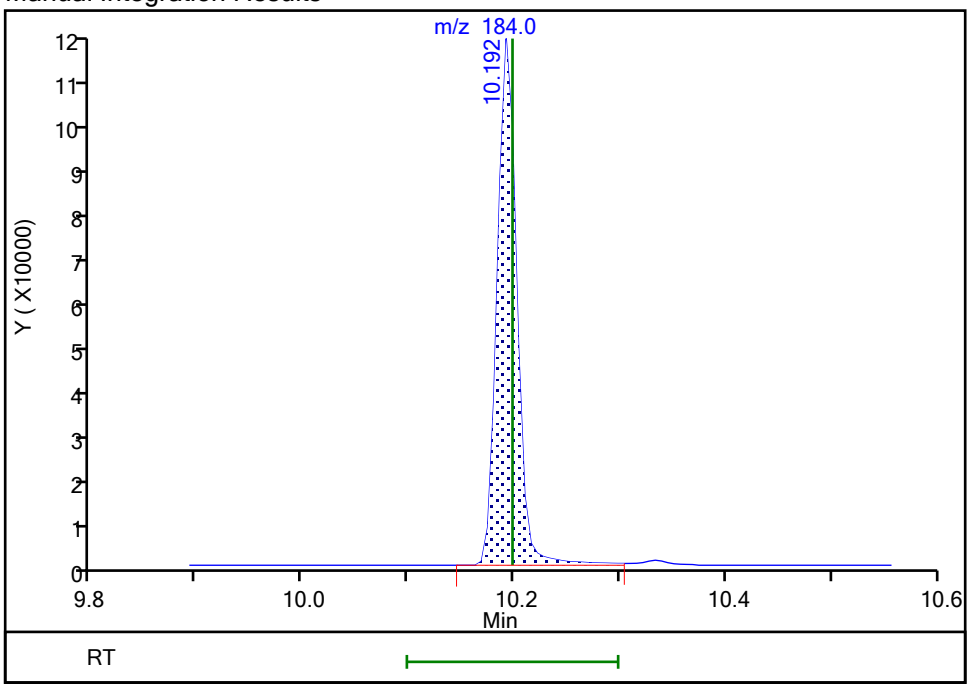
Not Detected
Expected RT: 10.20

Processing Integration Results



Manual Integration Results

RT: 10.19
Area: 145726
Amount: 19.257909
Amount Units: ug/ml



Reviewer: nimerd, 04-Apr-2021 18:32:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: CCVIS 460-775016/2 Calibration Date: 04/30/2021 09:52

Instrument ID: CBNAMS12 Calib Start Date: 04/04/2021 12:49

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/04/2021 16:07

Lab File ID: L343122.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Qua		0.3782		41800	50000	-16.5	20.0
N-Nitrosodimethylamine	Ave	0.6729	0.5922		44000	50000	-12.0	20.0
Pyridine	Ave	1.167	0.9819		84100	100000	-15.9	20.0
Benzaldehyde	Ave	0.9873	0.6146	0.0100	12400	20000	-37.8*	20.0
Phenol	Ave	1.638	1.489	0.8000	45400	50000	-9.1	20.0
Aniline	Ave	1.952	1.715		43900	50000	-12.1	20.0
Bis(2-chloroethyl)ether	Ave	1.197	1.183	0.7000	49400	50000	-1.2	20.0
2-Chlorophenol	Ave	1.376	1.321	0.8000	48000	50000	-4.0	20.0
n-Decane	Ave	1.451	1.343		46300	50000	-7.4	20.0
1,3-Dichlorobenzene	Ave	1.576	1.466		46500	50000	-7.0	20.0
1,4-Dichlorobenzene	Ave	1.595	1.428		44800	50000	-10.5	20.0
Benzyl alcohol	Ave	0.8237	0.7713		46800	50000	-6.4	20.0
1,2-Dichlorobenzene	Ave	1.492	1.479		49600	50000	-0.8	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.952	1.822	0.0100	46700	50000	-6.7	20.0
2-Methylphenol	Ave	1.141	1.066	0.7000	46700	50000	-6.5	20.0
N-Methylaniline	Ave	1.994	1.777		44600	50000	-10.9	20.0
Acetophenone	Ave	1.841	1.753	0.0100	47600	50000	-4.8	20.0
N-Nitrosodi-n-propylamine	Ave	0.8846	0.8333	0.5000	47100	50000	-5.8	20.0
3 & 4 Methylphenol	Ave	1.303	1.185		45500	50000	-9.0	20.0
4-Methylphenol	Ave	1.303	1.185	0.6000	45500	50000	-9.0	20.0
Hexachloroethane	Ave	0.5547	0.5630	0.3000	50700	50000	1.5	20.0
n,n'-Dimethylaniline	Ave	1.977	1.933		48900	50000	-2.2	20.0
Nitrobenzene	Ave	0.5737	0.6120	0.2000	53300	50000	6.7	20.0
Isophorone	Ave	0.6095	0.6049	0.4000	49600	50000	-0.8	20.0
2-Nitrophenol	Ave	0.1537	0.1934	0.1000	62900	50000	25.9*	20.0
2,4-Dimethylphenol	Ave	0.3103	0.2820	0.2000	45400	50000	-9.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.3942	0.3598	0.3000	45600	50000	-8.7	20.0
Benzoic acid	Ave	0.1579	0.1701		53900	50000	7.7	20.0
2,4-Dichlorophenol	Ave	0.3034	0.3025	0.2000	49800	50000	-0.3	20.0
1,2,4-Trichlorobenzene	Ave	0.3576	0.3556		49700	50000	-0.6	20.0
Naphthalene	Ave	1.010	0.9682	0.7000	47900	50000	-4.2	20.0
4-Chloroaniline	Ave	0.4452	0.4353	0.0100	48900	50000	-2.2	20.0
Hexachlorobutadiene	Ave	0.2042	0.2186	0.0100	53500	50000	7.0	20.0
Caprolactam	Ave	0.0874	0.0875	0.0100	20000	20000	0.0	20.0
4-Chloro-3-methylphenol	Ave	0.2837	0.2847	0.2000	50200	50000	0.4	20.0
2-Methylnaphthalene	Ave	0.7316	0.7116	0.4000	48600	50000	-2.7	20.0
1-Methylnaphthalene	Ave	0.6890	0.6615		48000	50000	-4.0	20.0
Hexachlorocyclopentadiene	Ave	0.4298	0.4121	0.0500	47900	50000	-4.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6809	0.6868	0.0100	50400	50000	0.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.4457	0.4502		50500	50000	1.0	20.0
2,4,6-Trichlorophenol	Ave	0.4149	0.4051	0.2000	48800	50000	-2.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: CCVIS 460-775016/2 Calibration Date: 04/30/2021 09:52

Instrument ID: CBNAMS12 Calib Start Date: 04/04/2021 12:49

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/04/2021 16:07

Lab File ID: L343122.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4747	0.4841	0.2000	51000	50000	2.0	20.0
1,1'-Biphenyl	Ave	1.598	1.561	0.0100	48800	50000	-2.3	20.0
2-Chloronaphthalene	Ave	1.231	1.231	0.8000	50000	50000	-0.0	20.0
Phenyl ether	Ave	0.8306	0.8337		50200	50000	0.4	20.0
2-Nitroaniline	Ave	0.3358	0.3857	0.0100	57400	50000	14.9	20.0
1,3-Dimethylnaphthalene	Ave	0.9532	0.995		52200	50000	4.4	20.0
Dimethyl phthalate	Ave	1.419	1.409	0.0100	49600	50000	-0.7	20.0
Coumarin	Ave	0.2653	0.2681		50500	50000	1.0	20.0
2,6-Dinitrotoluene	Ave	0.2472	0.3219	0.2000	65100	50000	30.2*	20.0
Acenaphthylene	Ave	1.862	1.833	0.9000	49200	50000	-1.6	20.0
3-Nitroaniline	Ave	0.2941	0.3435	0.0100	58400	50000	16.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.062	1.105		52000	50000	4.0	20.0
Acenaphthene	Ave	1.245	1.089	0.9000	43700	50000	-12.6	20.0
2,4-Dinitrophenol	Qua2		0.1661	0.0100	138000	100000	38.2*	20.0
4-Nitrophenol	Ave	0.2071	0.2061	0.0100	99500	100000	-0.5	20.0
2,4-Dinitrotoluene	Qua2		0.4464	0.2000	61400	50000	22.8*	20.0
Dibenzofuran	Ave	1.761	1.728	0.8000	49100	50000	-1.9	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3602	0.3709	0.0100	51500	50000	3.0	20.0
Diethyl phthalate	Ave	1.471	1.465	0.0100	49800	50000	-0.4	20.0
4-Chlorophenyl phenyl ether	Ave	0.6762	0.6819	0.4000	50400	50000	0.8	20.0
Fluorene	Ave	1.419	1.378	0.9000	48600	50000	-2.9	20.0
4-Nitroaniline	Ave	0.3089	0.3501	0.0100	56700	50000	13.3	20.0
4,6-Dinitro-2-methylphenol	Qua1		0.1245	0.0100	133000	100000	32.7*	20.0
N-Nitrosodiphenylamine	Ave	0.5469	0.4975	0.0100	45500	50000	-9.0	20.0
1,2-Diphenylhydrazine	Ave	0.6550	0.6066		46300	50000	-7.4	20.0
4-Bromophenyl phenyl ether	Ave	0.2356	0.2199	0.1000	46700	50000	-6.7	20.0
Hexachlorobenzene	Ave	0.2676	0.2665	0.1000	49800	50000	-0.4	20.0
Atrazine	Ave	0.2155	0.2052	0.0100	19000	20000	-4.8	20.0
Pentachlorophenol	Ave	0.1494	0.1328	0.0500	88900	100000	-11.1	20.0
Pentachloronitrobenzene	Ave	0.1007	0.1120	0.0100	55600	50000	11.2	20.0
n-Octadecane	Ave	0.4748	0.4127		43500	50000	-13.1	20.0
Phenanthrene	Ave	1.147	1.015	0.7000	44200	50000	-11.6	20.0
Anthracene	Ave	1.179	1.123	0.7000	47700	50000	-4.7	20.0
Carbazole	Ave	1.053	0.9768	0.0100	46400	50000	-7.2	20.0
Di-n-butyl phthalate	Ave	1.322	1.227	0.0100	46400	50000	-7.2	20.0
Fluoranthene	Ave	1.307	1.235	0.6000	47300	50000	-5.5	20.0
Benzidine	Ave	0.6647	0.6783		51000	50000	2.0	20.0
Pyrene	Ave	1.512	1.386	0.6000	45800	50000	-8.3	20.0
Bisphenol-A	Ave	0.5622	0.6322		56200	50000	12.5	20.0
Butyl benzyl phthalate	Ave	0.6249	0.6062	0.0100	48500	50000	-3.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: CCVIS 460-775016/2 Calibration Date: 04/30/2021 09:52

Instrument ID: CBNAMS12 Calib Start Date: 04/04/2021 12:49

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/04/2021 16:07

Lab File ID: L343122.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.1526	0.1322		433	500	-13.4	20.0
Carbamazepine	Ave	0.5729	0.5122		44700	50000	-10.6	20.0
3,3'-Dichlorobenzidine	Ave	0.5164	0.5153	0.0100	49900	50000	-0.2	20.0
Benzo[a]anthracene	Ave	1.392	1.206	0.8000	43300	50000	-13.4	20.0
Chrysene	Ave	1.304	1.277	0.7000	49000	50000	-2.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9243	0.8600	0.0100	46500	50000	-7.0	20.0
Di-n-octyl phthalate	Ave	1.380	1.514	0.0100	54800	50000	9.7	20.0
Benzo[b]fluoranthene	Ave	1.183	1.174		49600	50000	-0.8	20.0
Benzo[k]fluoranthene	Ave	1.206	1.402	0.7000	58100	50000	16.2	20.0
Benzo[a]pyrene	Ave	1.043	1.234	0.7000	59200	50000	18.4	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.138	1.074	0.5000	47200	50000	-5.6	20.0
Dibenz(a,h)anthracene	Ave	1.097	1.138	0.4000	51800	50000	3.7	20.0
Benzo[g,h,i]perylene	Ave	1.201	1.168	0.5000	48600	50000	-2.8	20.0
2-Fluorophenol (Surr)	Ave	1.284	1.133		44100	50000	-11.8	20.0
Phenol-d5 (Surr)	Ave	1.540	1.306		42400	50000	-15.2	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3227	0.3187		49400	50000	-1.3	20.0
2-Fluorobiphenyl	Ave	1.493	1.439		48200	50000	-3.6	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.2131	0.2498		58600	50000	17.2	20.0
Terphenyl-d14 (Surr)	Ave	1.019	1.034		50700	50000	1.4	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343122.d
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Apr-2021 09:52:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127888-002
Operator ID: Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub43

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 10:19:17 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: zhaoc Date: 30-Apr-2021 10:18:30

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.840	1.840	0.000	98	36921	50.0	41.8	
	2 N-Nitrosodimethylamine	74	2.081	2.081	0.000	80	57803	50.0	44.0	
	3 Pyridine	79	2.116	2.116	0.000	83	191686	100.0	84.1	
$	4 2-Fluorophenol	112	3.293	3.293	0.000	96	110595	50.0	44.1	
	5 Benzaldehyde	77	4.104	4.104	0.000	94	23996	20.0	12.4	
$	6 Phenol-d5	99	4.193	4.193	0.000	0	127514	50.0	42.4	
	7 Phenol	94	4.204	4.204	0.000	97	145351	50.0	45.4	
	8 Aniline	93	4.210	4.210	0.000	96	167363	50.0	43.9	
	9 Bis(2-chloroethyl)ether	93	4.263	4.263	0.000	96	115432	50.0	49.4	
	10 2-Chlorophenol	128	4.328	4.328	0.000	97	128935	50.0	48.0	
	11 n-Decane	43	4.369	4.369	0.000	93	131086	50.0	46.3	
	12 1,3-Dichlorobenzene	146	4.469	4.469	0.000	97	143073	50.0	46.5	
*	13 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	94	78091	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.534	4.534	0.000	95	139386	50.0	44.8	
	15 Benzyl alcohol	108	4.651	4.651	0.000	93	75287	50.0	46.8	
	16 1,2-Dichlorobenzene	146	4.681	4.681	0.000	98	144416	50.0	49.6	
	17 2-Methylphenol	108	4.775	4.775	0.000	85	104103	50.0	46.7	
	18 2,2'-oxybis[1-chloropropane]	45	4.775	4.775	0.000	93	177859	50.0	46.7	
	130 N-Methylaniline	106	4.898	4.898	0.000	86	173428	50.0	44.6	
	21 N-Nitrosodi-n-propylamine	70	4.904	4.904	0.000	76	81337	50.0	47.1	
	22 Acetophenone	105	4.904	4.904	0.000	91	171110	50.0	47.6	
	20 3 & 4 Methylphenol	108	4.922	4.922	0.000	96	115683	50.0	45.5	
	19 4-Methylphenol	108	4.922	4.922	0.000	95	115683	50.0	45.5	
	25 Hexachloroethane	117	5.004	5.004	0.000	92	54952	50.0	50.7	
$	26 Nitrobenzene-d5	82	5.046	5.046	0.000	90	114658	50.0	49.4	
	27 Nitrobenzene	123	5.069	5.069	0.000	85	59735	50.0	53.3	
	28 n,n'-Dimethylaniline	120	5.069	5.069	0.000	87	188694	50.0	48.9	
	29 Isophorone	82	5.293	5.293	0.000	99	217627	50.0	49.6	
	30 2-Nitrophenol	139	5.369	5.369	0.000	93	69590	50.0	62.9	
	31 2,4-Dimethylphenol	122	5.422	5.422	0.000	91	101454	50.0	45.4	
	32 Bis(2-chloroethoxy)methane	93	5.498	5.498	0.000	98	129452	50.0	45.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	5.534	5.534	0.000	89	61200	50.0	53.9	
34 2,4-Dichlorophenol	162	5.610	5.610	0.000	96	108835	50.0	49.8	
35 1,2,4-Trichlorobenzene	180	5.681	5.681	0.000	94	127923	50.0	49.7	
* 36 Naphthalene-d8	136	5.734	5.734	0.000	99	287828	40.0	40.0	
37 Naphthalene	128	5.751	5.751	0.000	99	348338	50.0	47.9	
38 4-Chloroaniline	127	5.810	5.810	0.000	97	156604	50.0	48.9	
131 2,6-Dichlorophenol	162	5.822	5.822	0.000	98	108124	50.0	50.3	
39 Hexachlorobutadiene	225	5.875	5.875	0.000	97	78652	50.0	53.5	
40 Caprolactam	113	6.134	6.134	0.000	89	12586	20.0	20.0	EM
41 4-Chloro-3-methylphenol	107	6.287	6.287	0.000	95	102443	50.0	50.2	
42 2-Methylnaphthalene	142	6.410	6.410	0.000	86	256026	50.0	48.6	
43 1-Methylnaphthalene	142	6.504	6.504	0.000	93	237993	50.0	48.0	
44 Hexachlorocyclopentadiene	237	6.569	6.569	0.000	97	82656	50.0	47.9	
45 1,2,4,5-Tetrachlorobenzene	216	6.575	6.575	0.000	99	137741	50.0	50.4	
46 2-tertbutyl-4-methylphenol	149	6.610	6.610	0.000	91	161984	50.0	50.5	
48 2,4,6-Trichlorophenol	196	6.692	6.692	0.000	92	81247	50.0	48.8	
49 2,4,5-Trichlorophenol	196	6.734	6.734	0.000	98	97085	50.0	51.0	
$ 50 2-Fluorobiphenyl	172	6.763	6.763	0.000	98	288673	50.0	48.2	
51 1,1'-Biphenyl	154	6.857	6.857	0.000	96	312979	50.0	48.8	
52 2-Chloronaphthalene	162	6.875	6.875	0.000	99	246924	50.0	50.0	
53 Phenyl ether	170	6.951	6.951	0.000	83	167203	50.0	50.2	
54 2-Nitroaniline	65	6.975	6.975	0.000	97	77346	50.0	57.4	
55 1,3-Dimethylnaphthalene	156	7.081	7.081	0.000	93	199567	50.0	52.2	
58 Dimethyl phthalate	163	7.145	7.145	0.000	99	282528	50.0	49.6	
59 Coumarin	146	7.169	7.169	0.000	81	96451	50.0	50.5	a
60 2,6-Dinitrotoluene	165	7.204	7.204	0.000	94	64561	50.0	65.1	
61 Acenaphthylene	152	7.269	7.269	0.000	98	367541	50.0	49.2	
62 3-Nitroaniline	138	7.369	7.369	0.000	96	68900	50.0	58.4	
* 63 Acenaphthene-d10	164	7.404	7.404	0.000	97	160447	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.422	7.422	0.000	97	221530	50.0	52.0	
65 Acenaphthene	154	7.434	7.434	0.000	95	218417	50.0	43.7	
66 2,4-Dinitrophenol	184	7.475	7.475	0.000	96	66640	100.0	138.2	
67 4-Nitrophenol	65	7.563	7.563	0.000	88	82687	100.0	99.5	
68 2,4-Dinitrotoluene	165	7.592	7.592	0.000	96	89534	50.0	61.4	
69 Dibenzofuran	168	7.598	7.598	0.000	96	346583	50.0	49.1	
70 2,3,4,6-Tetrachlorophenol	232	7.722	7.722	0.000	96	74392	50.0	51.5	
71 Diethyl phthalate	149	7.816	7.816	0.000	98	293918	50.0	49.8	
73 4-Chlorophenyl phenyl ether	204	7.922	7.922	0.000	90	136765	50.0	50.4	
74 Fluorene	166	7.922	7.922	0.000	94	276381	50.0	48.6	
75 4-Nitroaniline	138	7.957	7.957	0.000	86	70218	50.0	56.7	
76 4,6-Dinitro-2-methylphenol	198	7.987	7.987	0.000	92	99860	100.0	132.7	
77 N-Nitrosodiphenylamine	169	8.034	8.034	0.000	98	199507	50.0	45.5	
78 1,2-Diphenylhydrazine	77	8.069	8.069	0.000	97	243289	50.0	46.3	
$ 79 2,4,6-Tribromophenol	330	8.151	8.151	0.000	92	50096	50.0	58.6	
80 4-Bromophenyl phenyl ether	248	8.381	8.381	0.000	95	88198	50.0	46.7	
81 Hexachlorobenzene	284	8.451	8.451	0.000	96	106871	50.0	49.8	
82 Atrazine	200	8.545	8.545	0.000	94	32915	20.0	19.0	
83 Pentachlorophenol	266	8.645	8.645	0.000	92	106482	100.0	88.9	
84 Pentachloronitrobenzene	237	8.651	8.651	0.000	89	44922	50.0	55.6	
72 n-Octadecane	57	8.716	8.716	0.000	92	165497	50.0	43.5	
* 85 Phenanthrene-d10	188	8.810	8.810	0.000	98	320845	40.0	40.0	
86 Phenanthrene	178	8.834	8.834	0.000	97	406888	50.0	44.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Anthracene	178	8.881	8.881	0.000	99	450544	50.0	47.7	
88 Carbazole	167	9.039	9.039	0.000	96	391736	50.0	46.4	
89 Di-n-butyl phthalate	149	9.363	9.363	0.000	99	492146	50.0	46.4	
90 Fluoranthene	202	9.957	9.957	0.000	98	495352	50.0	47.3	
91 Benzidine	184	10.086	10.086	0.000	99	272029	50.0	51.0	
92 Pyrene	202	10.175	10.175	0.000	98	492734	50.0	45.8	
93 Bisphenol-A	213	10.228	10.228	0.000	98	224756	50.0	56.2	
$ 94 Terphenyl-d14	244	10.328	10.328	0.000	98	367451	50.0	50.7	
95 Butyl benzyl phthalate	149	10.839	10.839	0.000	94	215502	50.0	48.5	
96 2,3,7,8-TCDD	320	10.945	10.945	0.000	88	470	0.5000	0.4332	
97 Carbamazepine	193	10.957	10.957	0.000	92	182097	50.0	44.7	
98 3,3'-Dichlorobenzidine	252	11.445	11.445	0.000	99	183177	50.0	49.9	
99 Benzo[a]anthracene	228	11.469	11.469	0.000	98	428590	50.0	43.3	
* 100 Chrysene-d12	240	11.480	11.480	0.000	99	284407	40.0	40.0	
101 Chrysene	228	11.510	11.510	0.000	99	454037	50.0	49.0	
102 Bis(2-ethylhexyl) phthalate	149	11.516	11.516	0.000	85	305734	50.0	46.5	
103 Di-n-octyl phthalate	149	12.386	12.386	0.000	96	548349	50.0	54.8	
104 Benzo[b]fluoranthene	252	12.898	12.898	0.000	98	425283	50.0	49.6	
105 Benzo[k]fluoranthene	252	12.939	12.939	0.000	98	507970	50.0	58.1	
106 Benzo[a]pyrene	252	13.363	13.363	0.000	98	447229	50.0	59.2	
* 107 Perylene-d12	264	13.445	13.445	0.000	99	289829	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.104	15.104	0.000	99	389196	50.0	47.2	M
109 Dibenz(a,h)anthracene	278	15.139	15.139	0.000	95	412166	50.0	51.8	
110 Benzo[g,h,i]perylene	276	15.574	15.574	0.000	98	422973	50.0	48.6	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00002 Amount Added: 1.00 Units: mL

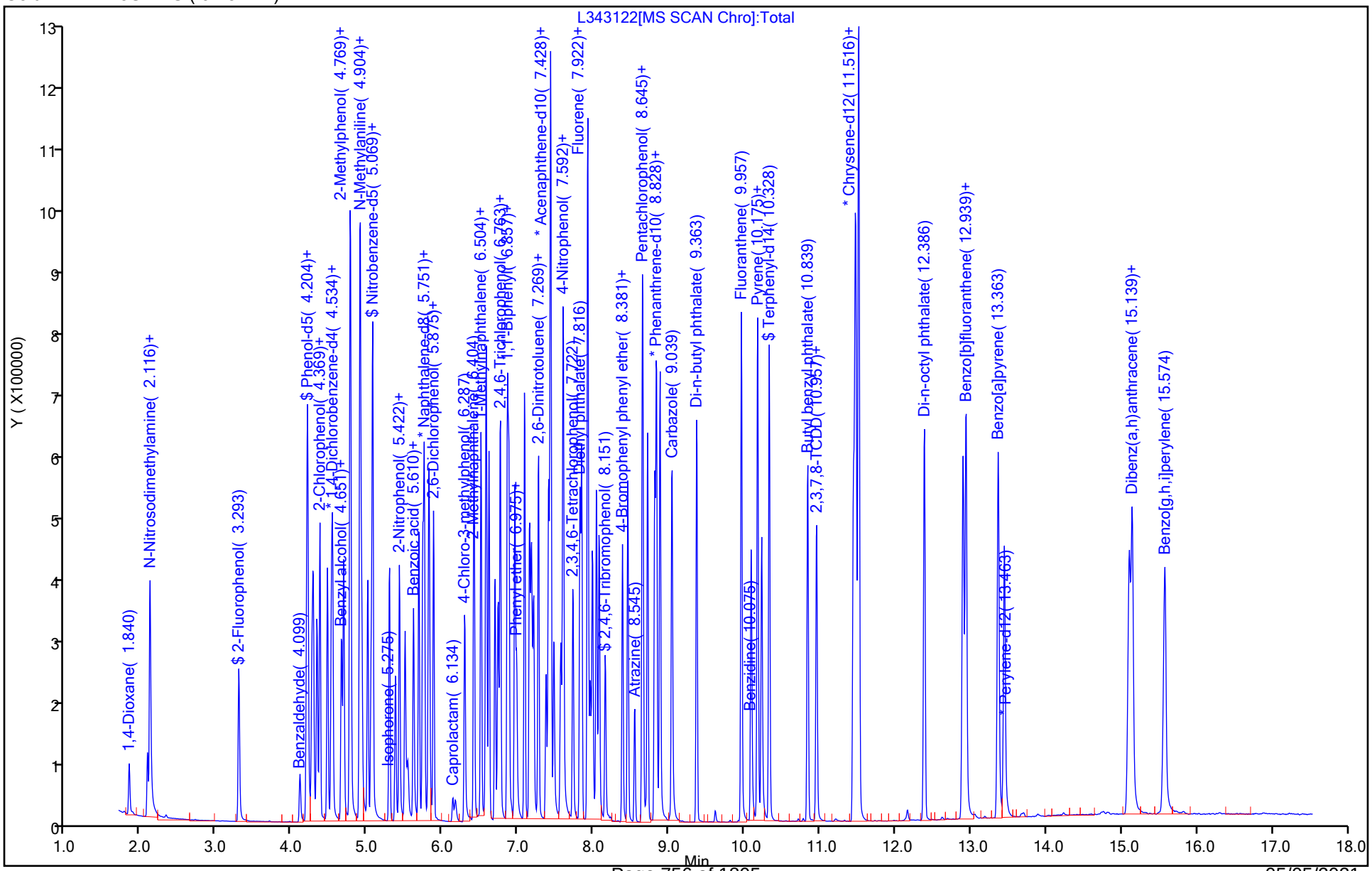
Report Date: 30-Apr-2021 10:19:21 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343122.d

Injection Date:	30-Apr-2021 09:52:30	Instrument ID:	CBNAMS12	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

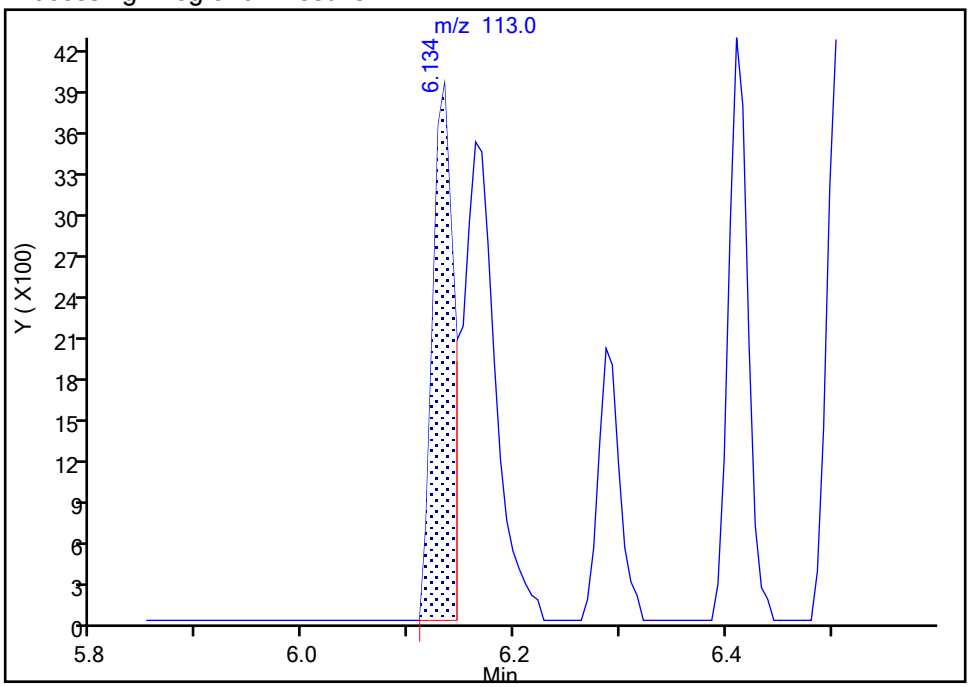
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343122.d
Injection Date: 30-Apr-2021 09:52:30 Instrument ID: CBNAMS12
Lims ID: ccvis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

40 Caprolactam, CAS: 105-60-2

Signal: 1

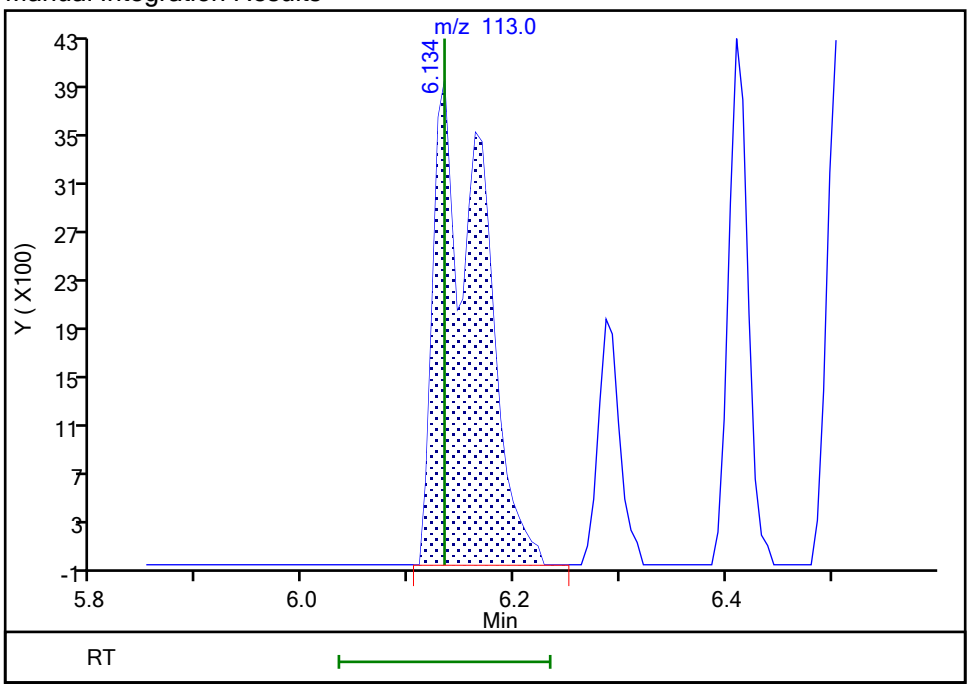
Processing Integration Results

RT: 6.13
Area: 5438
Amount: 8.642966
Amount Units: ug/ml



Manual Integration Results

RT: 6.13
Area: 12586
Amount: 20.003745
Amount Units: ug/ml



Reviewer: zhaoc, 30-Apr-2021 10:17:39
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

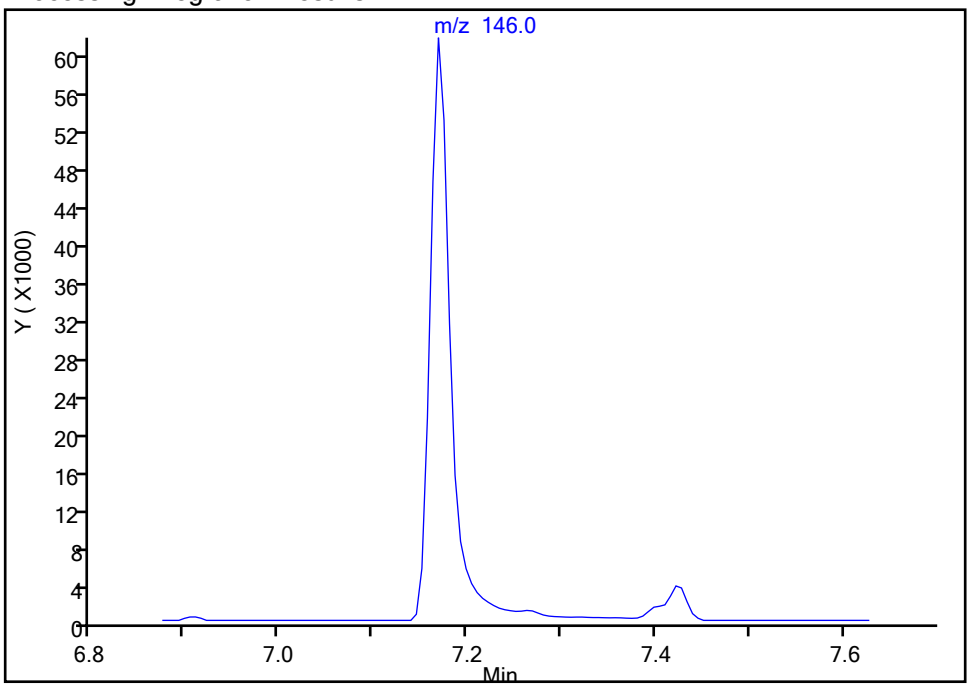
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343122.d				
Injection Date:	30-Apr-2021 09:52:30	Instrument ID:	CBNAMS12		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Coumarin, CAS: 91-64-5

Signal: 1

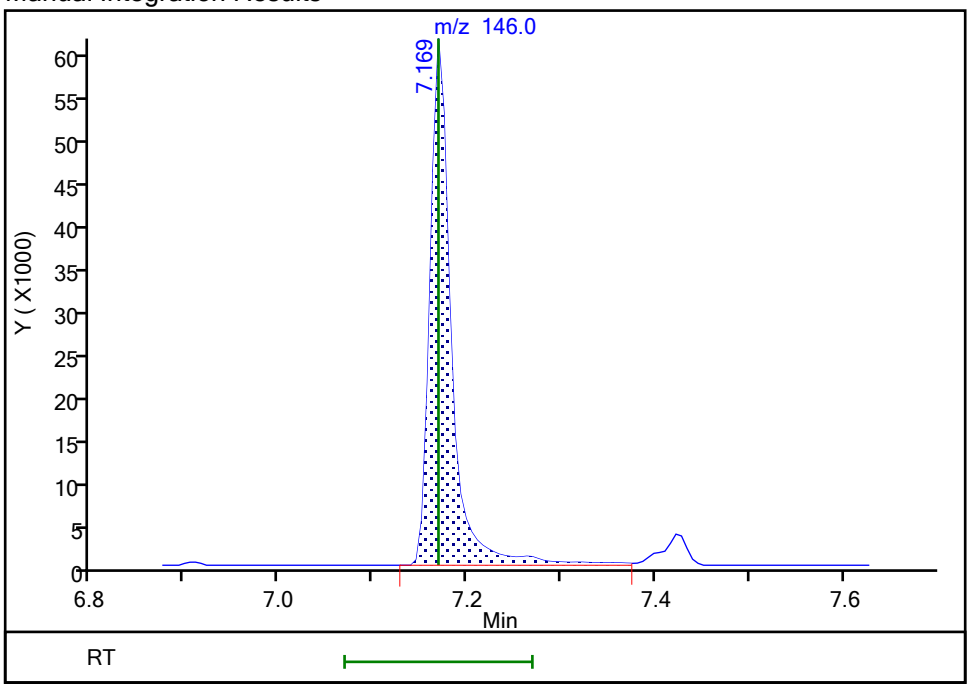
Not Detected
Expected RT: 7.17

Processing Integration Results



Manual Integration Results

RT: 7.17
Area: 96451
Amount: 50.515623
Amount Units: ug/ml



Reviewer: zhaoc, 30-Apr-2021 10:17:53
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

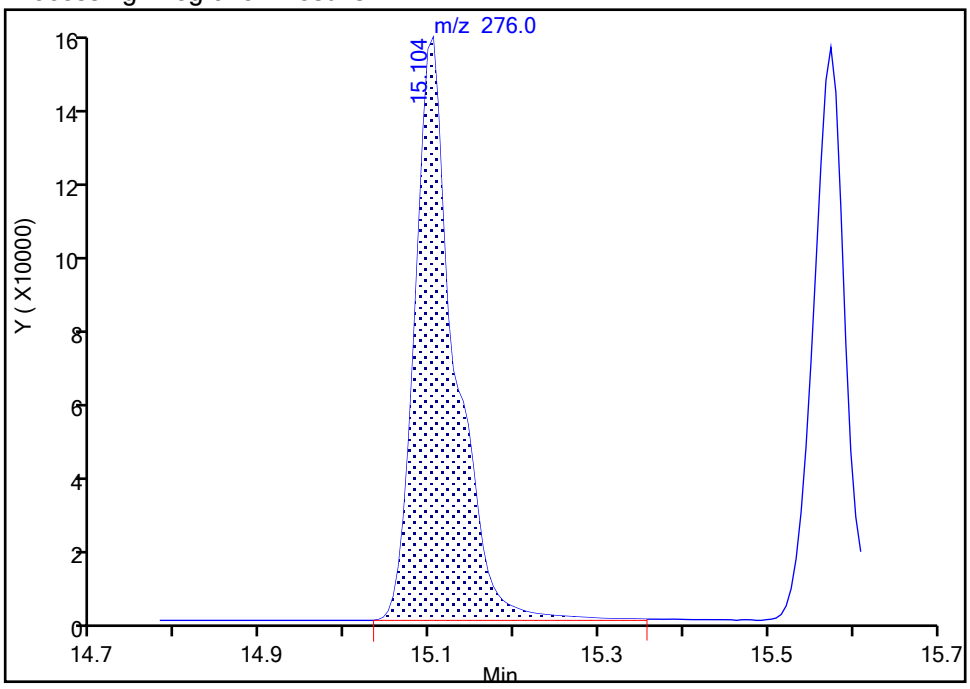
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343122.d				
Injection Date:	30-Apr-2021 09:52:30	Instrument ID:	CBNAMS12		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

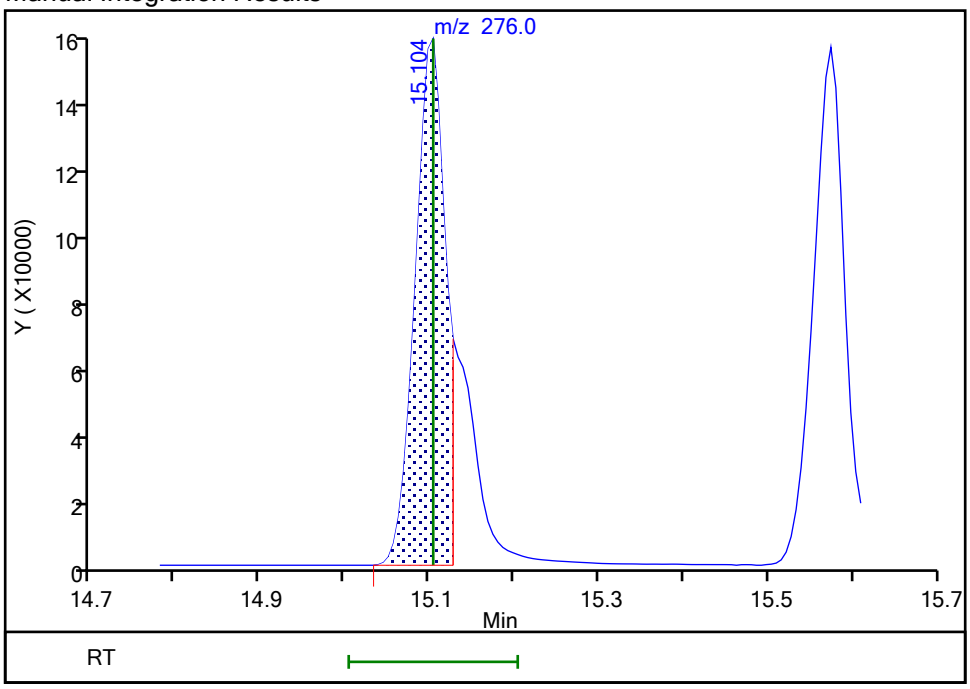
Processing Integration Results

RT: 15.10
Area: 506711
Amount: 61.449899
Amount Units: ug/ml



Manual Integration Results

RT: 15.10
Area: 389196
Amount: 47.198610
Amount Units: ug/ml



Reviewer: zhaoc, 30-Apr-2021 10:18:22

Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342532.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 04-Apr-2021 12:35:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0126396-001
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 05-Apr-2021 11:03:56 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1675

First Level Reviewer: nimerd Date: 05-Apr-2021 11:03:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	4.587	4.587	0.000	94	65290	NR	NR	a
47 Benzidine_T	184	5.840	5.840	0.000	99	483291	NR	NR	a
121 DFTPP									
122 4,4'-DDE	246	6.245	6.245	0.000	1	0		NR	a
123 4,4'-DDD	235	6.298	6.298	0.000	89	834		NR	a
124 4,4'-DDT	235	6.510	6.510	0.000	99	190641	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

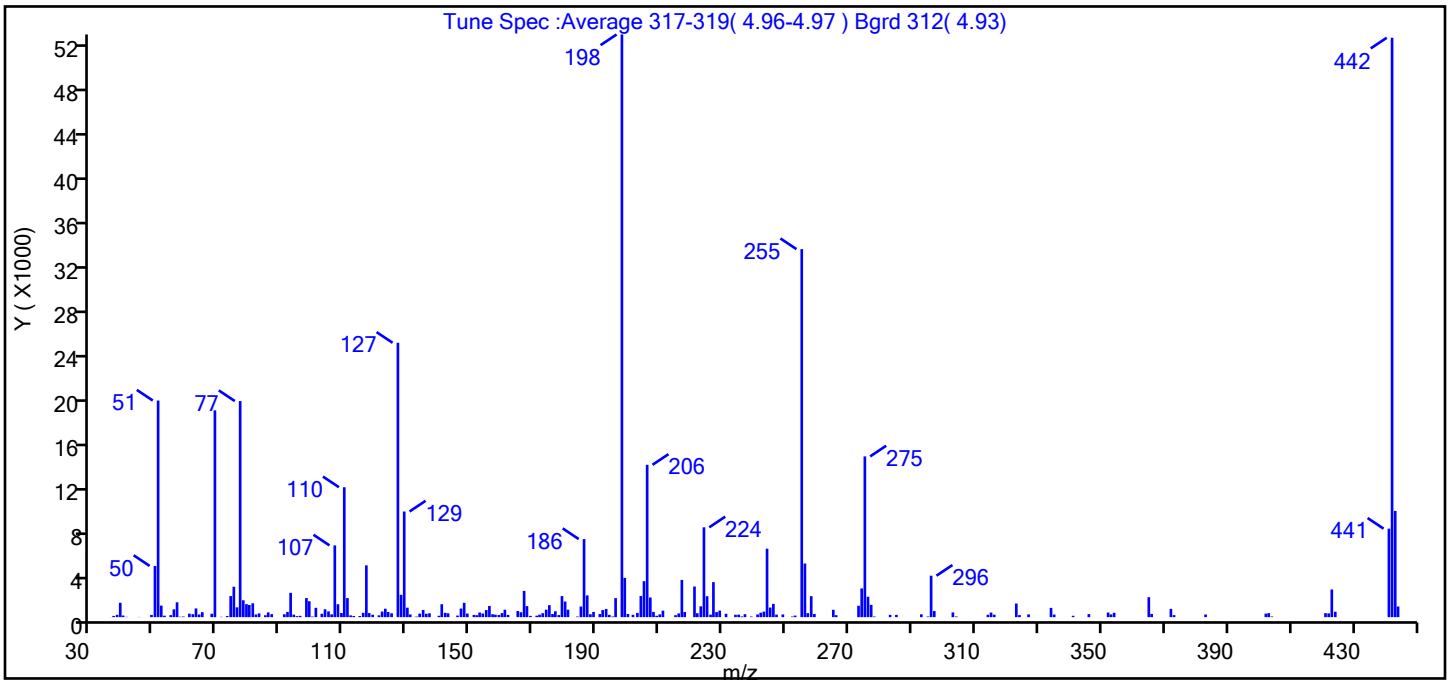
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342532.d
Injection Date: 04-Apr-2021 12:35:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.6 (1.7)
69	Present	35.5
70	<2% of m/z 69	0.0 (0.0)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.7
365	>1% of m/z 198	3.4
441	<150% of m/z 443	15.2 (83.3)
442	Present	99.4
443	15-24% of m/z 442	18.2 (18.3)

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342532.d\8270_12R_9.rslt\spectra.d
Injection Date: 04-Apr-2021 12:35:30
Spectrum: Tune Spec :Average 317-319(4.96-4.97) Bgrd 312(4.93)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 221

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	8	109.00	374	177.00	531	249.00	244
37.00	112	110.00	11732	178.00	189	252.00	55
38.00	209	111.00	1724	179.00	1900	253.00	142
39.00	1299	112.00	160	180.00	1410	255.00	33232
40.00	146	113.00	108	181.00	674	256.00	4843
41.00	27	115.00	102	184.00	55	257.00	363
45.00	16	116.00	389	185.00	958	258.00	1894
49.00	200	117.00	4677	186.00	7050	259.00	282
50.00	4624	118.00	370	187.00	1962	265.00	666
51.00	19560	119.00	218	188.00	261	266.00	179
52.00	1042	121.00	165	189.00	473	273.00	1027
53.00	131	122.00	504	191.00	285	274.00	2595
55.00	182	123.00	758	192.00	637	275.00	14517
56.00	705	124.00	465	193.00	742	276.00	1842
57.00	1341	125.00	349	194.00	206	277.00	1110
58.00	36	127.00	24776	195.00	57	278.00	54
59.00	54	128.00	2016	196.00	1717	283.00	207
61.00	314	129.00	9540	198.00	52616	285.00	205
62.00	267	130.00	854	199.00	3543	293.00	254
63.00	788	131.00	242	200.00	284	295.00	56
64.00	238	133.00	51	202.00	211	296.00	3743
65.00	451	134.00	319	203.00	381	297.00	553
68.00	309	135.00	647	204.00	1903	303.00	425
69.00	18672	136.00	307	205.00	3248	304.00	58
71.00	29	137.00	348	206.00	13756	314.00	214
73.00	102	140.00	125	207.00	1774	315.00	413
74.00	1904	141.00	1165	208.00	475	316.00	222
75.00	2747	142.00	392	209.00	121	323.00	1230
76.00	888	143.00	346	210.00	252	324.00	187
77.00	19512	146.00	142	211.00	585	327.00	251
78.00	1522	147.00	778	215.00	179	334.00	837
79.00	1174	148.00	1293	216.00	334	335.00	232
80.00	1098	149.00	322	217.00	3360	341.00	124

Report Date: 05-Apr-2021 11:03:57 Chrom Revision: 2.3 05-Feb-2021 00:13:28
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342532.d\8270_12R_9.rslt\spectra.d
Injection Date: 04-Apr-2021 12:35:30
Spectrum: Tune Spec :Average 317-319(4.96-4.97) Bgrd 312(4.93)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 221

m/z	Y	m/z	Y	m/z	Y	m/z	Y
81.00	1253	151.00	198	218.00	466	346.00	275
82.00	240	152.00	174	221.00	2767	352.00	417
83.00	339	153.00	413	222.00	354	353.00	246
84.00	6	154.00	328	223.00	975	354.00	394
85.00	171	155.00	639	224.00	8113	365.00	1801
86.00	429	156.00	1011	225.00	1888	366.00	293
87.00	271	157.00	264	226.00	222	372.00	749
91.00	261	158.00	220	227.00	3160	373.00	182
92.00	473	159.00	194	228.00	457	383.00	238
93.00	2192	160.00	364	229.00	588	402.00	318
94.00	226	161.00	668	231.00	303	403.00	364
95.00	89	162.00	203	234.00	216	404.00	59
96.00	119	165.00	555	235.00	227	421.00	361
98.00	1724	166.00	441	236.00	65	422.00	338
99.00	1437	167.00	2370	237.00	266	423.00	2497
100.00	53	168.00	998	239.00	56	424.00	490
101.00	843	169.00	115	241.00	246	441.00	7988
103.00	305	171.00	132	242.00	400	442.00	52320
104.00	712	172.00	223	243.00	500	443.00	9595
105.00	520	173.00	358	244.00	6183	444.00	962
106.00	253	174.00	674	245.00	867		
107.00	6478	175.00	1081	246.00	1197		
108.00	1167	176.00	282	247.00	230		

Report Date: 05-Apr-2021 11:03:57 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342532.d

Injection Date: 04-Apr-2021 12:35:30 Instrument ID: CBNAMS12 Operator ID:

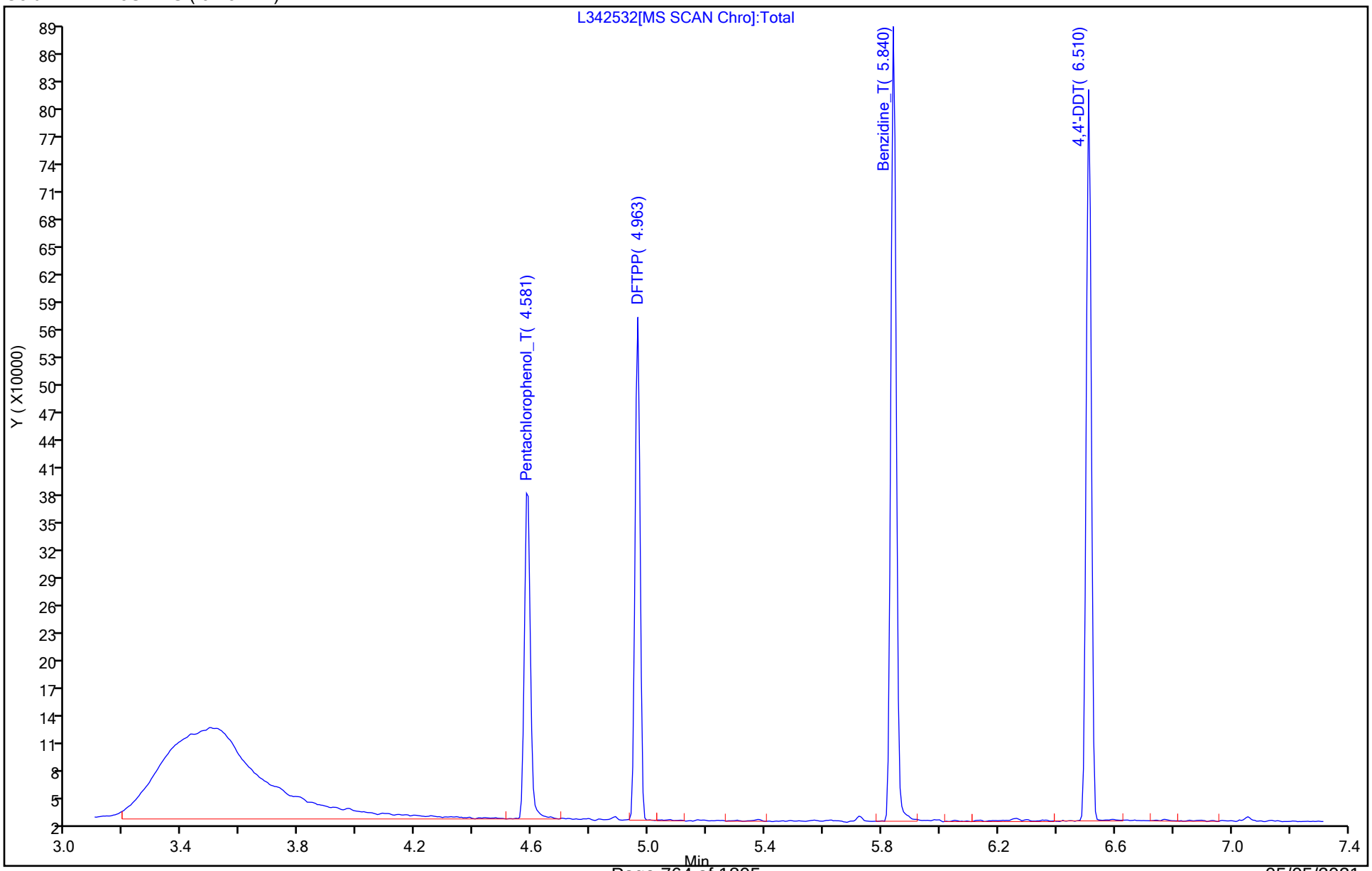
Lims ID: DFTPP Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8270_12R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)

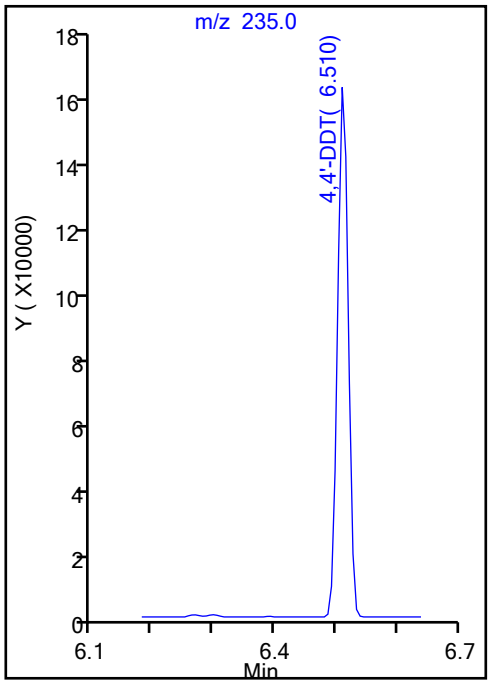


Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342532.d
Injection Date: 04-Apr-2021 12:35:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL

124 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 190641
123 4,4'-DDD, Area = 834
122 4,4'-DDE, Area = 0

%Breakdown: 0.44%, <= 20.00%
Passed

Peak Tailing Report

Eurofins TestAmerica, Edison

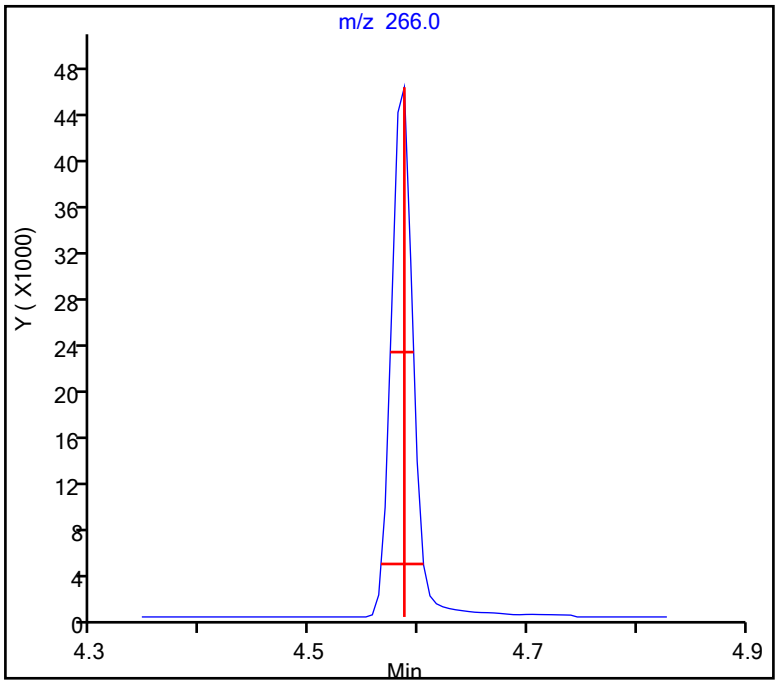
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342532.d
Injection Date: 04-Apr-2021 12:35:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL

23 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 0.9, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

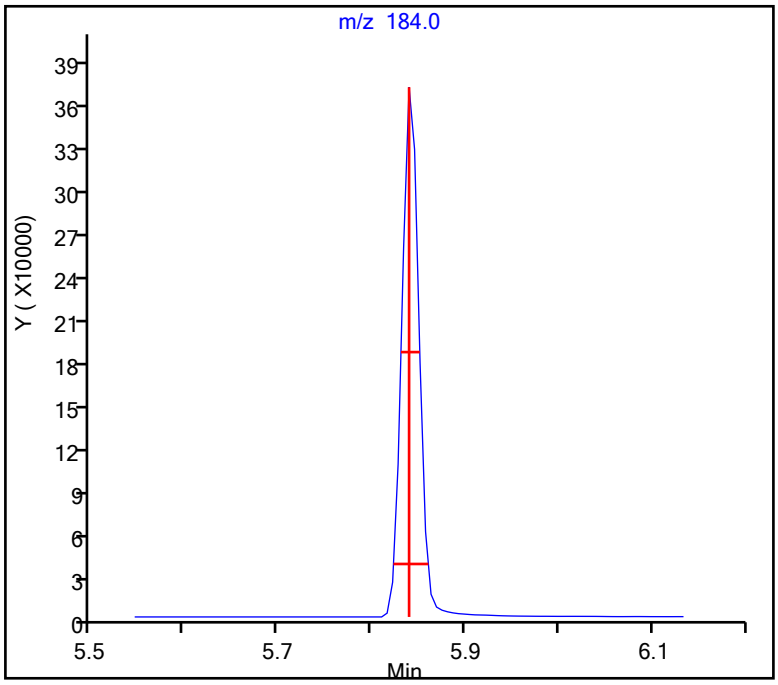
Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342532.d
Injection Date: 04-Apr-2021 12:35:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270E ICAL

47 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.2, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774905/1-A

Matrix: Solid Lab File ID: L343124.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 10:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	0.033	U	0.033	0.0085
95-50-1	1,2-Dichlorobenzene	0.33	U	0.33	0.0056
541-73-1	1,3-Dichlorobenzene	0.33	U	0.33	0.0044
106-46-7	1,4-Dichlorobenzene	0.33	U	0.33	0.013
108-60-1	2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.0060
121-14-2	2,4-Dinitrotoluene	0.067	U	0.067	0.036
606-20-2	2,6-Dinitrotoluene	0.067	U	0.067	0.024
91-58-7	2-Chloronaphthalene	0.33	U	0.33	0.015
91-57-6	2-Methylnaphthalene	0.33	U	0.33	0.0093
88-74-4	2-Nitroaniline	0.33	U	0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	0.13	U	0.13	0.050
99-09-2	3-Nitroaniline	0.33	U	0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	0.33	U	0.33	0.013
106-47-8	4-Chloroaniline	0.33	U	0.33	0.059
7005-72-3	4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012
100-01-6	4-Nitroaniline	0.33	U	0.33	0.038
83-32-9	Acenaphthene	0.33	U	0.33	0.0094
208-96-8	Acenaphthylene	0.33	U	0.33	0.0033
120-12-7	Anthracene	0.33	U	0.33	0.010
56-55-3	Benzo[a]anthracene	0.033	U	0.033	0.012
50-32-8	Benzo[a]pyrene	0.033	U	0.033	0.0088
205-99-2	Benzo[b]fluoranthene	0.033	U	0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	0.33	U	0.33	0.0098
207-08-9	Benzo[k]fluoranthene	0.033	U	0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	0.033	U	0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017
85-68-7	Butyl benzyl phthalate	0.33	U	0.33	0.016
86-74-8	Carbazole	0.33	U	0.33	0.013
218-01-9	Chrysene	0.33	U	0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	0.033	U	0.033	0.014
132-64-9	Dibenzofuran	0.33	U	0.33	0.0046
84-66-2	Diethyl phthalate	0.33	U	0.33	0.0048
131-11-3	Dimethyl phthalate	0.33	U	0.33	0.075

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774905/1-A

Matrix: Solid Lab File ID: L343124.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 10:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.33	U	0.33	0.012
117-84-0	Di-n-octyl phthalate	0.33	U	0.33	0.018
206-44-0	Fluoranthene	0.33	U	0.33	0.012
86-73-7	Fluorene	0.33	U	0.33	0.0045
118-74-1	Hexachlorobenzene	0.033	U	0.033	0.016
87-68-3	Hexachlorobutadiene	0.067	U	0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	0.33	U	0.33	0.029
67-72-1	Hexachloroethane	0.033	U	0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013
78-59-1	Isophorone	0.13	U	0.13	0.096
91-20-3	Naphthalene	0.33	U	0.33	0.0057
98-95-3	Nitrobenzene	0.033	U	0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024
86-30-6	N-Nitrosodiphenylamine	0.33	U	0.33	0.027
85-01-8	Phenanthrene	0.33	U	0.33	0.0058
129-00-0	Pyrene	0.33	U	0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	65		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	74		11-104
1718-51-0	Terphenyl-d14 (Surr)	80		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343124.d
Lims ID: MB 460-774905/1-A
Client ID:
Sample Type: MB
Inject. Date: 30-Apr-2021 10:40:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127888-004
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 12:22:05 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: johnstonm1 Date: 30-Apr-2021 12:22:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.305	3.293	0.012	96	114669	50.0	32.9	
$ 6 Phenol-d5	99	4.193	4.193	0.000	0	123515	50.0	29.6	
11 n-Decane	43	4.369	4.369	0.000	91	3160		0.8032	
* 13 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	95	108475	40.0	40.0	
$ 26 Nitrobenzene-d5	82	5.046	5.040	0.000	89	122227	50.0	36.8	
* 36 Naphthalene-d8	136	5.728	5.734	-0.006	99	412053	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	6.757	6.758	-0.006	98	285766	50.0	32.6	
56 1-Naphthylamine	143	6.757	6.834	-0.082	43	452		NC	
57 2-Naphthylamine	143	6.757	6.834	-0.082	42	452		NC	
* 63 Acenaphthene-d10	164	7.398	7.404	-0.006	94	234542	40.0	40.0	
$ 79 2,4,6-Tribromophenol	330	8.151	8.145	0.000	92	52071	50.0	41.7	
* 85 Phenanthrene-d10	188	8.804	8.810	-0.006	98	457349	40.0	40.0	
$ 94 Terphenyl-d14	244	10.322	10.317	-0.006	98	395164	50.0	40.1	
* 100 Chrysene-d12	240	11.469	11.480	-0.011	100	386388	40.0	40.0	
* 107 Perylene-d12	264	13.439	13.445	-0.006	99	399370	40.0	40.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-Apr-2021 12:22:05 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343124.d

Injection Date: 30-Apr-2021 10:40:30 Instrument ID: CBNAMS12 Operator ID:

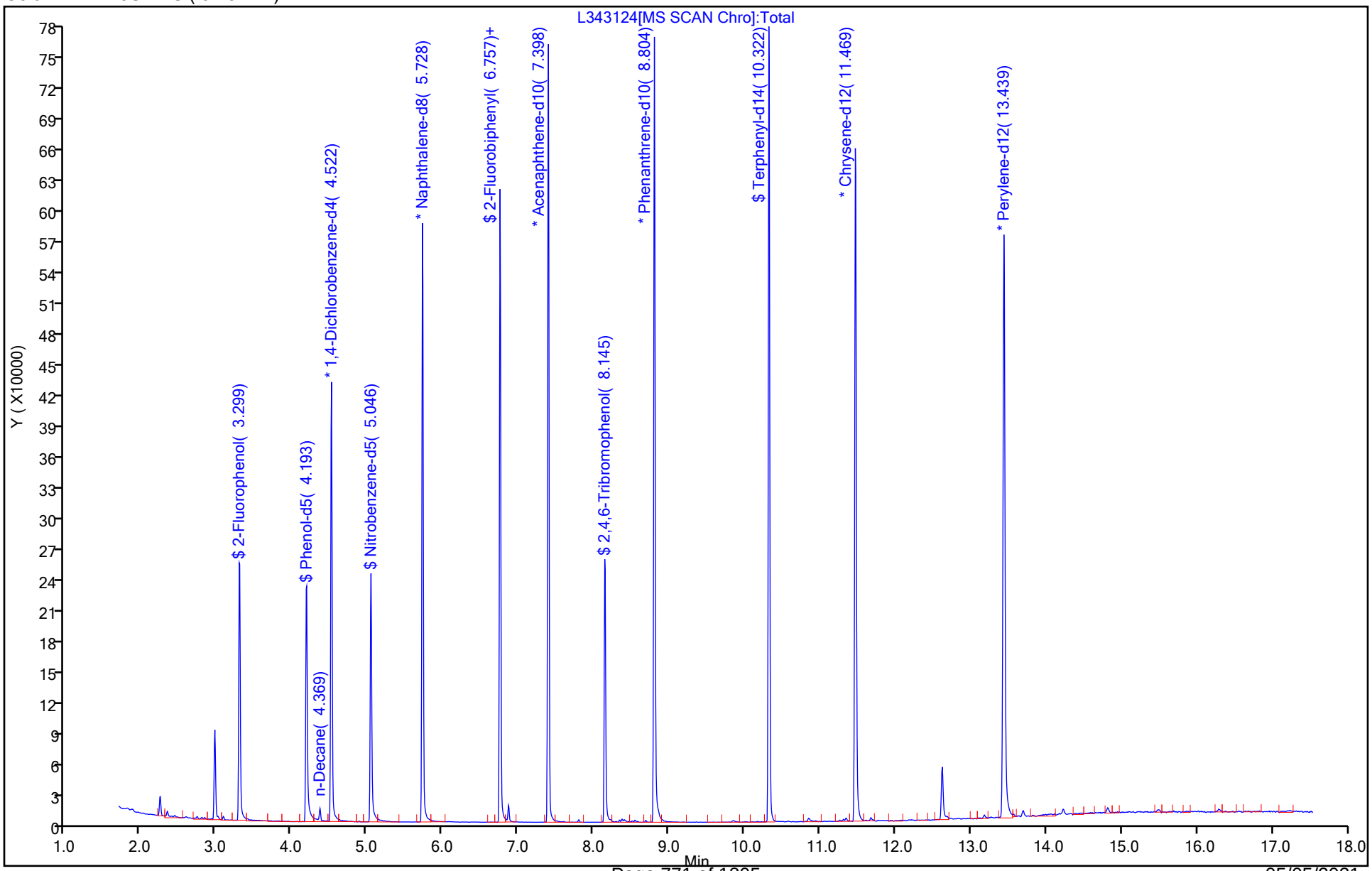
Lims ID: MB 460-774905/1-A Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270_12R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774905/2-A

Matrix: Solid Lab File ID: L343125.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 11:02

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.41		0.033	0.0085
95-50-1	1,2-Dichlorobenzene	2.32		0.33	0.0056
541-73-1	1,3-Dichlorobenzene	2.22		0.33	0.0044
106-46-7	1,4-Dichlorobenzene	2.32		0.33	0.013
108-60-1	2,2'-oxybis[1-chloropropane]	2.23		0.33	0.0060
121-14-2	2,4-Dinitrotoluene	2.79		0.067	0.036
606-20-2	2,6-Dinitrotoluene	3.04		0.067	0.024
91-58-7	2-Chloronaphthalene	2.34		0.33	0.015
91-57-6	2-Methylnaphthalene	2.25		0.33	0.0093
88-74-4	2-Nitroaniline	2.60		0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	1.35		0.13	0.050
99-09-2	3-Nitroaniline	2.28		0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	2.24		0.33	0.013
106-47-8	4-Chloroaniline	1.64		0.33	0.059
7005-72-3	4-Chlorophenyl phenyl ether	2.35		0.33	0.012
100-01-6	4-Nitroaniline	2.45		0.33	0.038
83-32-9	Acenaphthene	2.00		0.33	0.0094
208-96-8	Acenaphthylene	2.25		0.33	0.0033
120-12-7	Anthracene	2.26		0.33	0.010
56-55-3	Benzo[a]anthracene	2.08		0.033	0.012
50-32-8	Benzo[a]pyrene	2.66		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	2.38		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	2.15		0.33	0.0098
207-08-9	Benzo[k]fluoranthene	2.71		0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	2.18		0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	2.42		0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	2.20		0.33	0.017
85-68-7	Butyl benzyl phthalate	2.28		0.33	0.016
86-74-8	Carbazole	2.06		0.33	0.013
218-01-9	Chrysene	2.23		0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	2.36		0.033	0.014
132-64-9	Dibenzofuran	2.27		0.33	0.0046
84-66-2	Diethyl phthalate	2.22		0.33	0.0048
131-11-3	Dimethyl phthalate	2.31		0.33	0.075

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774905/2-A

Matrix: Solid Lab File ID: L343125.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 11:02

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	2.12		0.33	0.012
117-84-0	Di-n-octyl phthalate	2.60		0.33	0.018
206-44-0	Fluoranthene	2.13		0.33	0.012
86-73-7	Fluorene	2.22		0.33	0.0045
118-74-1	Hexachlorobenzene	2.35		0.033	0.016
87-68-3	Hexachlorobutadiene	2.65		0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	2.21		0.33	0.029
67-72-1	Hexachloroethane	2.39		0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	2.23		0.033	0.013
78-59-1	Isophorone	2.31		0.13	0.096
91-20-3	Naphthalene	2.27		0.33	0.0057
98-95-3	Nitrobenzene	2.58		0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	2.18		0.033	0.024
86-30-6	N-Nitrosodiphenylamine	2.15		0.33	0.027
85-01-8	Phenanthrene	2.02		0.33	0.0058
129-00-0	Pyrene	2.24		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	67		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	72		11-104
1718-51-0	Terphenyl-d14 (Surr)	75		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343125.d
Lims ID: LCS 460-774905/2-A
Client ID:
Sample Type: LCS
Inject. Date: 30-Apr-2021 11:02:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127888-005
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 12:22:05 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: zhaoc Date: 30-Apr-2021 11:25:31

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.863	1.840	0.023	98	25575	40.0	19.5	
	2 N-Nitrosodimethylamine	74	2.099	2.081	0.018	82	57849	40.0	31.1	
	3 Pyridine	79	2.134	2.116	0.018	82	147667	80.0	45.7	
$	4 2-Fluorophenol	112	3.305	3.293	0.011	96	119850	50.0	33.7	
	5 Benzaldehyde	77	4.104	4.104	0.000	93	37555	20.0	13.7	
$	6 Phenol-d5	99	4.193	4.193	0.000	0	131041	50.0	30.7	
	7 Phenol	94	4.204	4.204	0.000	97	149534	40.0	33.0	
	8 Aniline	93	4.210	4.210	0.000	96	150260	40.0	27.8	
	9 Bis(2-chloroethyl)ether	93	4.263	4.263	0.000	98	120150	40.0	36.3	
	10 2-Chlorophenol	128	4.334	4.328	0.006	97	133223	40.0	35.0	
	11 n-Decane	43	4.369	4.369	0.000	93	125836	40.0	31.3	
	12 1,3-Dichlorobenzene	146	4.469	4.469	0.000	97	144988	40.0	33.2	
*	13 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	94	110729	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.540	4.534	0.006	95	153577	40.0	34.8	
	15 Benzyl alcohol	108	4.657	4.652	0.006	93	75128	40.0	32.9	
	16 1,2-Dichlorobenzene	146	4.687	4.681	0.006	98	143707	40.0	34.8	
	17 2-Methylphenol	108	4.775	4.775	0.000	86	107725	40.0	34.1	
	18 2,2'-oxybis[1-chloropropane]	45	4.775	4.775	0.000	93	180999	40.0	33.5	
	130 N-Methylaniline	106	4.899	4.899	0.001	94	174018	40.0	31.5	
	21 N-Nitrosodi-n-propylamine	70	4.904	4.904	0.000	81	80029	40.0	32.7	
	22 Acetophenone	105	4.904	4.904	0.000	89	168808	40.0	33.1	
	20 3 & 4 Methylphenol	108	4.922	4.922	0.000	95	116054	40.0	32.2	
	19 4-Methylphenol	108	4.922	4.922	0.000	95	116054	40.0	32.2	
	25 Hexachloroethane	117	5.004	5.004	0.000	92	55079	40.0	35.9	
$	26 Nitrobenzene-d5	82	5.046	5.040	0.000	89	116934	50.0	35.8	
	27 Nitrobenzene	123	5.069	5.064	0.000	94	61555	40.0	38.8	
	28 n,n'-Dimethylaniline	120	5.069	5.069	0.000	87	186890	40.0	34.1	
	29 Isophorone	82	5.287	5.287	-0.006	99	213740	40.0	34.7	
	30 2-Nitrophenol	139	5.369	5.364	0.000	94	69460	40.0	44.7	
	31 2,4-Dimethylphenol	122	5.422	5.416	0.000	91	103191	40.0	32.9	
	32 Bis(2-chloroethoxy)methane	93	5.498	5.493	0.000	97	130683	40.0	32.8	
	33 Benzoic acid	122	5.534	5.528	0.000	88	48885	40.0	30.6	Ma

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.610	5.605	0.000	96	110029	40.0	35.8	
35 1,2,4-Trichlorobenzene	180	5.681	5.675	0.000	94	130859	40.0	36.2	
* 36 Naphthalene-d8	136	5.734	5.734	0.000	99	404785	40.0	40.0	
37 Naphthalene	128	5.751	5.746	0.000	99	348600	40.0	34.1	
38 4-Chloroaniline	127	5.810	5.804	0.000	98	111106	40.0	24.7	
131 2,6-Dichlorophenol	162	5.816	5.816	-0.006	97	108398	40.0	35.9	
39 Hexachlorobutadiene	225	5.875	5.869	0.000	97	82165	40.0	39.8	
40 Caprolactam	113	6.128	6.127	-0.006	89	11478	20.0	13.0	M
41 4-Chloro-3-methylphenol	107	6.287	6.280	0.000	96	102319	40.0	35.6	
42 2-Methylnaphthalene	142	6.410	6.404	0.000	86	250241	40.0	33.8	
43 1-Methylnaphthalene	142	6.504	6.498	0.000	93	227273	40.0	32.6	
44 Hexachlorocyclopentadiene	237	6.569	6.564	0.000	97	80281	40.0	33.1	
45 1,2,4,5-Tetrachlorobenzene	216	6.575	6.570	0.000	99	137691	40.0	35.9	
46 2-tertbutyl-4-methylphenol	149	6.610	6.603	0.000	91	157728	40.0	35.0	
48 2,4,6-Trichlorophenol	196	6.687	6.687	-0.005	92	81443	40.0	34.8	
49 2,4,5-Trichlorophenol	196	6.728	6.728	-0.006	98	100155	40.0	37.4	
$ 50 2-Fluorobiphenyl	172	6.757	6.758	-0.006	98	280685	50.0	33.3	
51 1,1'-Biphenyl	154	6.851	6.852	-0.006	97	311312	40.0	34.6	
52 2-Chloronaphthalene	162	6.875	6.869	0.000	98	243516	40.0	35.1	
53 Phenyl ether	170	6.951	6.946	0.000	83	159513	40.0	34.1	
54 2-Nitroaniline	65	6.975	6.969	0.000	96	73763	40.0	39.0	
55 1,3-Dimethylnaphthalene	156	7.081	7.075	0.000	93	190337	40.0	35.4	
58 Dimethyl phthalate	163	7.145	7.140	0.000	99	277281	40.0	34.7	
59 Coumarin	146	7.169	7.162	0.000	79	87139	40.0	32.5	a
60 2,6-Dinitrotoluene	165	7.198	7.199	-0.006	94	63643	40.0	45.7	
61 Acenaphthylene	152	7.263	7.263	-0.006	98	353815	40.0	33.7	
62 3-Nitroaniline	138	7.363	7.363	-0.006	96	56741	40.0	34.2	
* 63 Acenaphthene-d10	164	7.398	7.404	-0.006	93	225537	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.422	7.416	0.000	97	206723	40.0	34.5	
65 Acenaphthene	154	7.428	7.428	-0.006	95	210229	40.0	29.9	
66 2,4-Dinitrophenol	184	7.469	7.469	-0.006	97	56325	80.0	90.6	
67 4-Nitrophenol	65	7.557	7.557	-0.006	89	80484	80.0	68.9	
68 2,4-Dinitrotoluene	165	7.587	7.586	-0.005	96	82797	40.0	41.8	
69 Dibenzofuran	168	7.592	7.592	-0.006	96	338202	40.0	34.1	
70 2,3,4,6-Tetrachlorophenol	232	7.722	7.716	0.000	96	72472	40.0	35.7	
71 Diethyl phthalate	149	7.816	7.810	0.000	98	276741	40.0	33.4	
73 4-Chlorophenyl phenyl ether	204	7.916	7.916	-0.006	90	134246	40.0	35.2	
74 Fluorene	166	7.916	7.916	-0.006	94	266204	40.0	33.3	
75 4-Nitroaniline	138	7.951	7.951	-0.006	86	63985	40.0	36.7	
76 4,6-Dinitro-2-methylphenol	198	7.981	7.981	-0.005	91	88241	80.0	91.4	
77 N-Nitrosodiphenylamine	169	8.034	8.028	0.000	98	190001	40.0	32.2	
78 1,2-Diphenylhydrazine	77	8.069	8.064	0.000	97	227159	40.0	32.1	
$ 79 2,4,6-Tribromophenol	330	8.151	8.145	0.000	92	48113	50.0	40.1	
80 4-Bromophenyl phenyl ether	248	8.381	8.375	0.000	95	85516	40.0	33.6	
81 Hexachlorobenzene	284	8.451	8.446	0.000	96	101632	40.0	35.2	
82 Atrazine	200	8.539	8.540	-0.006	94	31691	20.0	13.6	
83 Pentachlorophenol	266	8.639	8.640	-0.006	94	94394	80.0	58.6	
84 Pentachloronitrobenzene	237	8.651	8.645	0.000	88	40965	40.0	37.7	
72 n-Octadecane	57	8.710	8.710	-0.006	93	161416	40.0	31.5	
* 85 Phenanthrene-d10	188	8.804	8.810	-0.006	98	431690	40.0	40.0	
86 Phenanthrene	178	8.828	8.828	-0.006	97	374570	40.0	30.3	
87 Anthracene	178	8.875	8.875	-0.006	99	430895	40.0	33.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Carbazole	167	9.034	9.033	-0.005	96	350545	40.0	30.9	
89 Di-n-butyl phthalate	149	9.363	9.357	0.000	99	453434	40.0	31.8	
90 Fluoranthene	202	9.957	9.950	0.000	98	451508	40.0	32.0	
91 Benzidine	184	10.086	10.076	0.000	99	206922	40.0	28.8	
92 Pyrene	202	10.169	10.164	-0.006	98	444904	40.0	33.7	
93 Bisphenol-A	213	10.222	10.217	-0.006	98	86065	20.0	17.5	
$ 94 Terphenyl-d14	244	10.322	10.317	-0.006	98	332581	50.0	37.3	
95 Butyl benzyl phthalate	149	10.833	10.828	-0.006	94	186472	40.0	34.1	
97 Carbamazepine	193	10.951	10.946	-0.006	93	143551	40.0	28.7	
98 3,3'-Dichlorobenzidine	252	11.439	11.433	-0.006	98	91620	40.0	20.3	
99 Benzo[a]anthracene	228	11.463	11.457	-0.006	98	379363	40.0	31.2	
* 100 Chrysene-d12	240	11.475	11.480	-0.005	99	349741	40.0	40.0	
101 Chrysene	228	11.504	11.498	-0.006	99	381092	40.0	33.4	
102 Bis(2-ethylhexyl) phthalate	149	11.516	11.504	0.000	85	266710	40.0	33.0	
103 Di-n-octyl phthalate	149	12.380	12.381	-0.006	96	457127	40.0	38.9	
104 Benzo[b]fluoranthene	252	12.892	12.892	-0.006	98	360097	40.0	35.8	
105 Benzo[k]fluoranthene	252	12.927	12.934	-0.012	99	417873	40.0	40.7	
106 Benzo[a]pyrene	252	13.357	13.357	-0.006	98	354737	40.0	40.0	
* 107 Perylene-d12	264	13.439	13.445	-0.006	99	340433	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.092	15.097	-0.012	99	324211	40.0	33.5	M
109 Dibenz(a,h)anthracene	278	15.127	15.132	-0.012	95	330000	40.0	35.3	
110 Benzo[g,h,i]perylene	276	15.563	15.568	-0.011	98	329574	40.0	32.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-Apr-2021 12:22:21 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343125.d

Injection Date: 30-Apr-2021 11:02:30 Instrument ID: CBNAMS12 Operator ID:

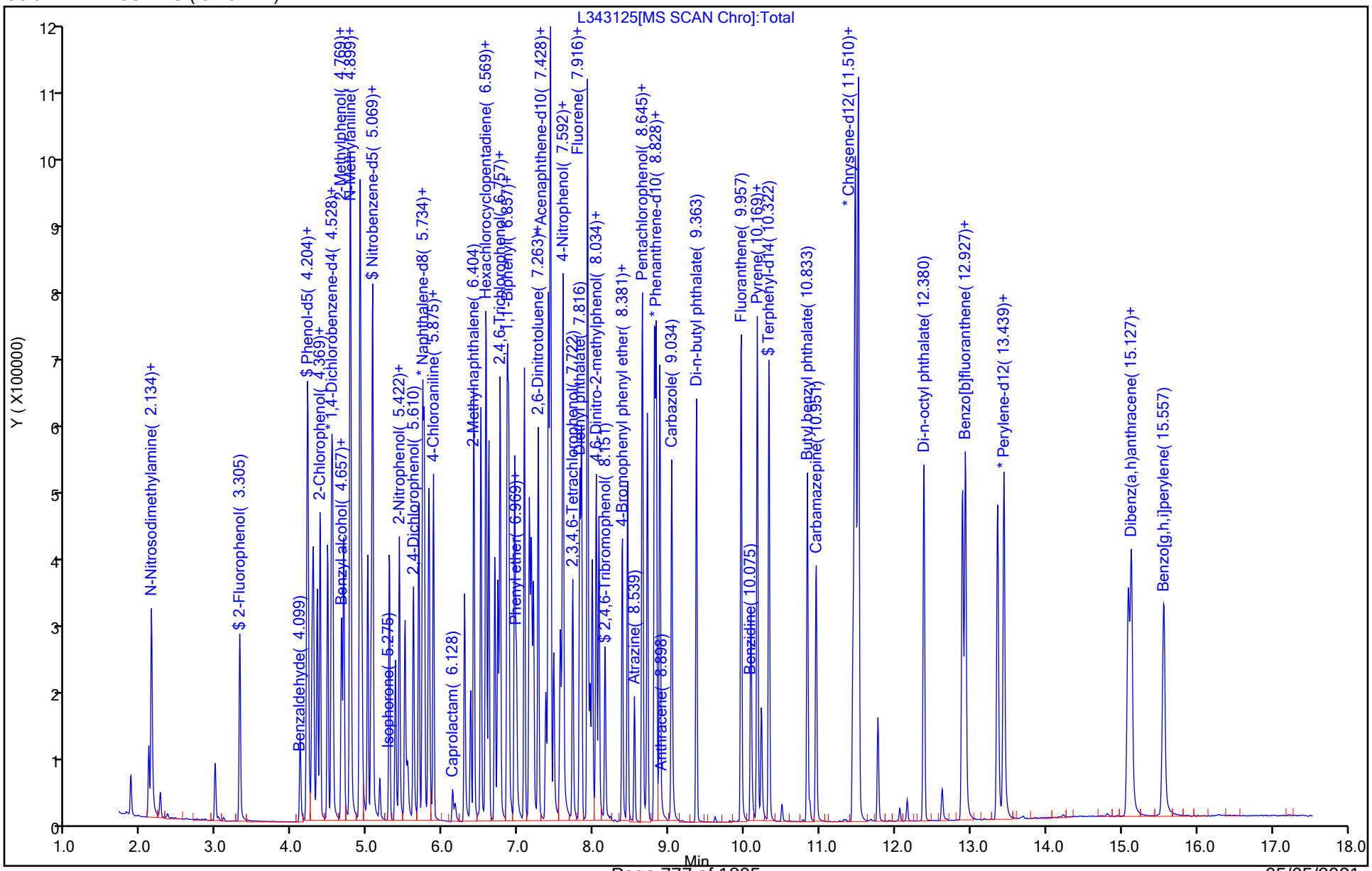
Lims ID: LCS 460-774905/2-A Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270_12R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

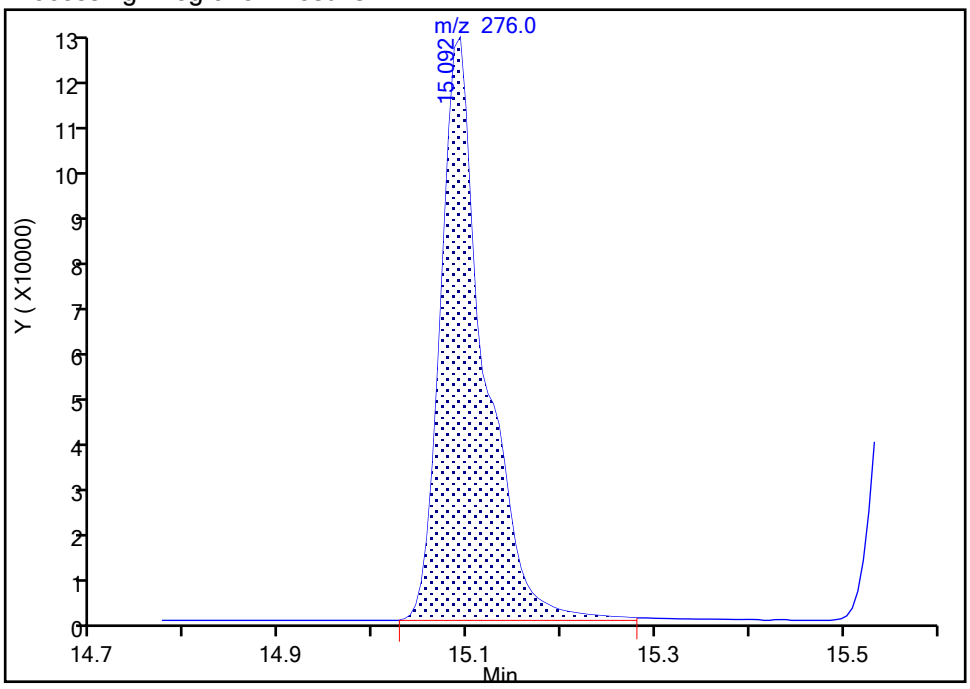
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343125.d				
Injection Date:	30-Apr-2021 11:02:30	Instrument ID:	CBNAMS12		
Lims ID:	LCS 460-774905/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

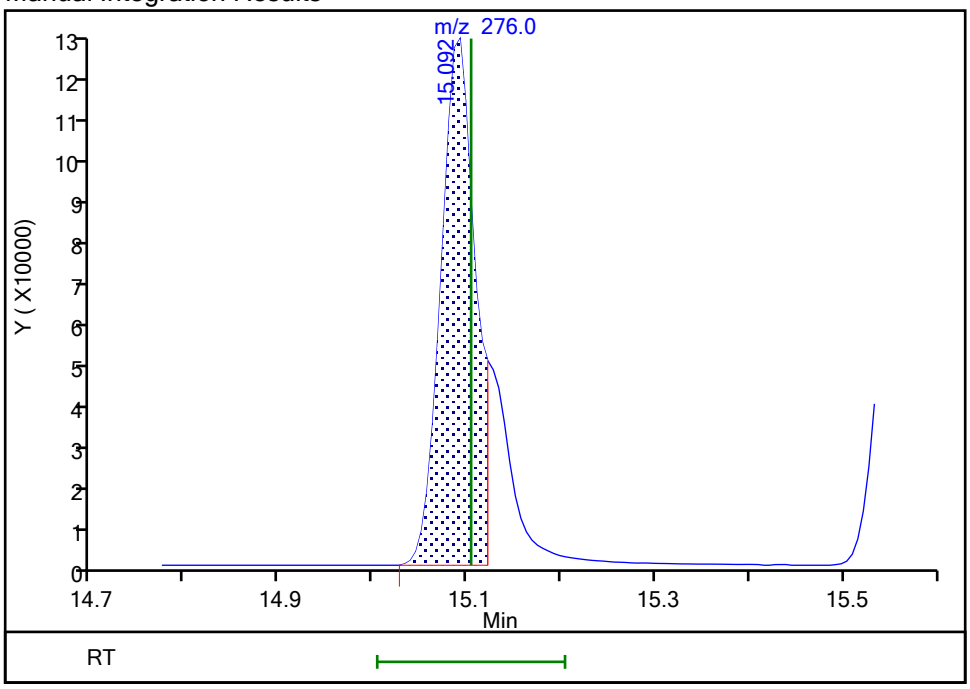
Processing Integration Results

RT: 15.09
Area: 402390
Amount: 41.544946
Amount Units: ug/ml



Manual Integration Results

RT: 15.09
Area: 324211
Amount: 33.473319
Amount Units: ug/ml



Reviewer: zhaoc, 30-Apr-2021 11:25:27

Audit Action: Split an Integrated Peak Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774905/3-A

Matrix: Solid Lab File ID: L343126.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 11:25

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.42		0.033	0.0085
95-50-1	1,2-Dichlorobenzene	2.39		0.33	0.0056
541-73-1	1,3-Dichlorobenzene	2.21		0.33	0.0044
106-46-7	1,4-Dichlorobenzene	2.35		0.33	0.013
108-60-1	2,2'-oxybis[1-chloropropane]	2.24		0.33	0.0060
121-14-2	2,4-Dinitrotoluene	2.73		0.067	0.036
606-20-2	2,6-Dinitrotoluene	3.01		0.067	0.024
91-58-7	2-Chloronaphthalene	2.34		0.33	0.015
91-57-6	2-Methylnaphthalene	2.25		0.33	0.0093
88-74-4	2-Nitroaniline	2.56		0.33	0.012
91-94-1	3,3'-Dichlorobenzidine	1.37		0.13	0.050
99-09-2	3-Nitroaniline	2.25		0.33	0.037
101-55-3	4-Bromophenyl phenyl ether	2.22		0.33	0.013
106-47-8	4-Chloroaniline	1.63		0.33	0.059
7005-72-3	4-Chlorophenyl phenyl ether	2.31		0.33	0.012
100-01-6	4-Nitroaniline	2.39		0.33	0.038
83-32-9	Acenaphthene	1.98		0.33	0.0094
208-96-8	Acenaphthylene	2.22		0.33	0.0033
120-12-7	Anthracene	2.25		0.33	0.010
56-55-3	Benzo[a]anthracene	2.00		0.033	0.012
50-32-8	Benzo[a]pyrene	2.65		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	2.44		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	2.13		0.33	0.0098
207-08-9	Benzo[k]fluoranthene	2.61		0.033	0.0065
111-91-1	Bis(2-chloroethoxy)methane	2.20		0.33	0.026
111-44-4	Bis(2-chloroethyl)ether	2.39		0.033	0.012
117-81-7	Bis(2-ethylhexyl) phthalate	2.18		0.33	0.017
85-68-7	Butyl benzyl phthalate	2.28		0.33	0.016
86-74-8	Carbazole	2.09		0.33	0.013
218-01-9	Chrysene	2.32		0.33	0.0056
53-70-3	Dibenz(a,h)anthracene	2.33		0.033	0.014
132-64-9	Dibenzofuran	2.25		0.33	0.0046
84-66-2	Diethyl phthalate	2.19		0.33	0.0048
131-11-3	Dimethyl phthalate	2.27		0.33	0.075

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774905/3-A

Matrix: Solid Lab File ID: L343126.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 04/29/2021 20:42

Sample wt/vol: 15.00(g) Date Analyzed: 04/30/2021 11:25

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775016 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	2.12		0.33	0.012
117-84-0	Di-n-octyl phthalate	2.64		0.33	0.018
206-44-0	Fluoranthene	2.13		0.33	0.012
86-73-7	Fluorene	2.23		0.33	0.0045
118-74-1	Hexachlorobenzene	2.37		0.033	0.016
87-68-3	Hexachlorobutadiene	2.61		0.067	0.0070
77-47-4	Hexachlorocyclopentadiene	2.29		0.33	0.029
67-72-1	Hexachloroethane	2.45		0.033	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	2.24		0.033	0.013
78-59-1	Isophorone	2.26		0.13	0.096
91-20-3	Naphthalene	2.26		0.33	0.0057
98-95-3	Nitrobenzene	2.60		0.033	0.0079
621-64-7	N-Nitrosodi-n-propylamine	2.22		0.033	0.024
86-30-6	N-Nitrosodiphenylamine	2.17		0.33	0.027
85-01-8	Phenanthrene	2.04		0.33	0.0058
129-00-0	Pyrene	2.23		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	66		14-103
4165-60-0	Nitrobenzene-d5 (Surr)	72		11-104
1718-51-0	Terphenyl-d14 (Surr)	76		12-126

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343126.d
Lims ID: LCSD 460-774905/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 30-Apr-2021 11:25:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127888-006
Operator ID: Instrument ID: CBNAMS12

Method: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\8270_12R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 11:48:37 Calib Date: 04-Apr-2021 16:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS12\20210404-126499.b\L342541.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1613

First Level Reviewer: zhaoc Date: 30-Apr-2021 11:48:37

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.863	1.840	0.023	99	27828	40.0	20.9	
	2 N-Nitrosodimethylamine	74	2.099	2.081	0.018	81	59082	40.0	31.1	
	3 Pyridine	79	2.134	2.116	0.018	83	153442	80.0	46.5	
$	4 2-Fluorophenol	112	3.304	3.293	0.011	96	122714	50.0	33.8	
	5 Benzaldehyde	77	4.104	4.104	0.000	93	39032	20.0	14.0	
$	6 Phenol-d5	99	4.193	4.193	0.000	0	135643	50.0	31.2	
	7 Phenol	94	4.204	4.204	0.000	97	153951	40.0	33.3	
	8 Aniline	93	4.210	4.210	0.000	95	155071	40.0	28.1	
	9 Bis(2-chloroethyl)ether	93	4.263	4.263	0.000	97	121383	40.0	35.9	
	10 2-Chlorophenol	128	4.334	4.328	0.006	98	136529	40.0	35.1	
	11 n-Decane	43	4.369	4.369	0.000	93	129620	40.0	31.6	
	12 1,3-Dichlorobenzene	146	4.469	4.469	0.000	97	147440	40.0	33.1	
*	13 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	95	112976	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.540	4.534	0.006	96	158662	40.0	35.2	
	15 Benzyl alcohol	108	4.657	4.651	0.006	93	79371	40.0	34.1	
	16 1,2-Dichlorobenzene	146	4.687	4.681	0.006	97	151329	40.0	35.9	
	17 2-Methylphenol	108	4.775	4.775	0.000	86	111941	40.0	34.7	
	18 2,2'-oxybis[1-chloropropane]	45	4.775	4.775	0.000	94	185208	40.0	33.6	
	130 N-Methylaniline	106	4.898	4.898	0.000	94	176909	40.0	31.4	
	21 N-Nitrosodi-n-propylamine	70	4.904	4.904	0.000	91	83302	40.0	33.3	
	22 Acetophenone	105	4.904	4.904	0.000	91	172480	40.0	33.2	
	20 3 & 4 Methylphenol	108	4.922	4.922	0.000	94	123959	40.0	33.7	
	19 4-Methylphenol	108	4.922	4.922	0.000	94	123959	40.0	33.7	
	25 Hexachloroethane	117	5.004	5.004	0.000	91	57596	40.0	36.8	
$	26 Nitrobenzene-d5	82	5.045	5.045	-0.001	89	121741	50.0	35.9	
	27 Nitrobenzene	123	5.069	5.069	0.000	92	63216	40.0	39.0	
	28 n,n'-Dimethylaniline	120	5.069	5.069	0.000	87	188367	40.0	33.7	
	29 Isophorone	82	5.287	5.293	-0.006	99	217492	40.0	34.0	
	30 2-Nitrophenol	139	5.369	5.369	0.000	94	71659	40.0	44.4	
	31 2,4-Dimethylphenol	122	5.422	5.422	0.000	92	105556	40.0	32.4	
	32 Bis(2-chloroethoxy)methane	93	5.498	5.498	0.000	98	136897	40.0	33.1	
	33 Benzoic acid	122	5.534	5.534	0.000	89	55229	40.0	33.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.610	5.610	0.000	96	113625	40.0	35.6	
35 1,2,4-Trichlorobenzene	180	5.681	5.681	0.000	94	136422	40.0	36.3	
* 36 Naphthalene-d8	136	5.734	5.734	0.000	99	420247	40.0	40.0	
37 Naphthalene	128	5.751	5.751	0.000	99	360396	40.0	33.9	
38 4-Chloroaniline	127	5.804	5.810	-0.006	98	114330	40.0	24.4	
131 2,6-Dichlorophenol	162	5.816	5.822	-0.006	98	111575	40.0	35.6	
39 Hexachlorobutadiene	225	5.875	5.875	0.000	97	83879	40.0	39.1	
40 Caprolactam	113	6.128	6.128	-0.006	89	12146	20.0	13.2	M
41 4-Chloro-3-methylphenol	107	6.287	6.287	0.000	95	102850	40.0	34.5	
42 2-Methylnaphthalene	142	6.410	6.410	0.000	86	258920	40.0	33.7	
43 1-Methylnaphthalene	142	6.504	6.504	0.000	93	237120	40.0	32.8	
44 Hexachlorocyclopentadiene	237	6.569	6.564	0.000	97	86216	40.0	34.3	
45 1,2,4,5-Tetrachlorobenzene	216	6.575	6.570	0.000	99	140987	40.0	35.4	
46 2-tertbutyl-4-methylphenol	149	6.610	6.610	0.000	91	160998	40.0	34.4	
48 2,4,6-Trichlorophenol	196	6.687	6.687	-0.005	92	83505	40.0	34.5	
49 2,4,5-Trichlorophenol	196	6.728	6.728	-0.006	98	96260	40.0	34.7	
$ 50 2-Fluorobiphenyl	172	6.757	6.758	-0.006	98	288128	50.0	33.0	
51 1,1'-Biphenyl	154	6.851	6.852	-0.006	95	322131	40.0	34.5	
52 2-Chloronaphthalene	162	6.875	6.869	0.000	99	251929	40.0	35.0	
53 Phenyl ether	170	6.951	6.946	0.000	84	164898	40.0	34.0	
54 2-Nitroaniline	65	6.975	6.969	0.000	96	75306	40.0	38.4	
55 1,3-Dimethylnaphthalene	156	7.081	7.075	0.000	93	194652	40.0	35.0	
58 Dimethyl phthalate	163	7.145	7.140	0.000	99	282187	40.0	34.0	
59 Coumarin	146	7.169	7.169	0.000	80	85461	40.0	30.7	a
60 2,6-Dinitrotoluene	165	7.198	7.198	-0.006	94	65151	40.0	45.1	
61 Acenaphthylene	152	7.263	7.263	-0.006	98	362631	40.0	33.3	
62 3-Nitroaniline	138	7.363	7.363	-0.006	96	58087	40.0	33.8	
* 63 Acenaphthene-d10	164	7.398	7.404	-0.006	95	233646	40.0	40.0	
64 3,5-di-tert-butyl-4-hydroxytol	205	7.422	7.416	0.000	97	215822	40.0	34.8	
65 Acenaphthene	154	7.428	7.428	-0.006	95	215690	40.0	29.7	
66 2,4-Dinitrophenol	184	7.469	7.469	-0.006	97	57079	80.0	88.9	
67 4-Nitrophenol	65	7.557	7.557	-0.006	90	82203	80.0	68.0	
68 2,4-Dinitrotoluene	165	7.586	7.586	-0.006	96	83849	40.0	41.0	
69 Dibenzofuran	168	7.592	7.592	-0.006	96	347094	40.0	33.7	
70 2,3,4,6-Tetrachlorophenol	232	7.722	7.716	0.000	96	72518	40.0	34.5	
71 Diethyl phthalate	149	7.816	7.810	0.000	98	282241	40.0	32.8	
73 4-Chlorophenyl phenyl ether	204	7.916	7.915	-0.006	90	136920	40.0	34.7	
74 Fluorene	166	7.916	7.915	-0.006	94	277516	40.0	33.5	
75 4-Nitroaniline	138	7.951	7.951	-0.006	87	64807	40.0	35.9	
76 4,6-Dinitro-2-methylphenol	198	7.981	7.981	-0.005	91	90058	80.0	91.6	
77 N-Nitrosodiphenylamine	169	8.034	8.028	0.000	98	195360	40.0	32.5	
78 1,2-Diphenylhydrazine	77	8.069	8.063	0.000	97	233335	40.0	32.4	
$ 79 2,4,6-Tribromophenol	330	8.151	8.145	0.000	92	49245	50.0	39.6	
80 4-Bromophenyl phenyl ether	248	8.381	8.375	0.000	95	86396	40.0	33.4	
81 Hexachlorobenzene	284	8.451	8.445	0.000	96	104757	40.0	35.6	
82 Atrazine	200	8.539	8.540	-0.006	94	32743	20.0	13.8	
83 Pentachlorophenol	266	8.639	8.639	-0.006	94	97216	80.0	59.2	
84 Pentachloronitrobenzene	237	8.651	8.645	0.000	88	41516	40.0	37.5	
72 n-Octadecane	57	8.710	8.710	-0.006	92	167605	40.0	32.1	
* 85 Phenanthrene-d10	188	8.804	8.810	-0.006	98	439634	40.0	40.0	
86 Phenanthrene	178	8.828	8.828	-0.006	97	386012	40.0	30.6	
87 Anthracene	178	8.875	8.875	-0.006	99	436727	40.0	33.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Carbazole	167	9.033	9.033	-0.006	96	362254	40.0	31.3	
89 Di-n-butyl phthalate	149	9.363	9.357	0.000	99	462670	40.0	31.8	
90 Fluoranthene	202	9.957	9.950	0.000	98	458603	40.0	31.9	
91 Benzidine	184	10.080	10.081	-0.006	99	211619	40.0	29.0	
92 Pyrene	202	10.169	10.169	-0.006	98	446061	40.0	33.4	
93 Bisphenol-A	213	10.222	10.222	-0.006	98	87124	20.0	17.5	
$ 94 Terphenyl-d14	244	10.322	10.322	-0.006	98	342263	50.0	38.0	
95 Butyl benzyl phthalate	149	10.833	10.834	-0.006	94	188679	40.0	34.2	
97 Carbamazepine	193	10.945	10.951	-0.012	93	143136	40.0	28.3	
98 3,3'-Dichlorobenzidine	252	11.433	11.439	-0.012	99	93518	40.0	20.5	
99 Benzo[a]anthracene	228	11.463	11.463	-0.006	98	368744	40.0	30.0	
* 100 Chrysene-d12	240	11.474	11.480	-0.006	99	353475	40.0	40.0	
101 Chrysene	228	11.504	11.504	-0.006	99	401678	40.0	34.9	
102 Bis(2-ethylhexyl) phthalate	149	11.510	11.510	-0.006	85	267494	40.0	32.7	
103 Di-n-octyl phthalate	149	12.374	12.381	-0.012	96	469481	40.0	39.7	
104 Benzo[b]fluoranthene	252	12.892	12.892	-0.006	98	371747	40.0	36.6	
105 Benzo[k]fluoranthene	252	12.927	12.933	-0.012	99	405883	40.0	39.2	
106 Benzo[a]pyrene	252	13.357	13.357	-0.006	98	355183	40.0	39.7	
* 107 Perylene-d12	264	13.439	13.445	-0.006	99	343140	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.086	15.086	-0.018	99	327928	40.0	33.6	M
109 Dibenz(a,h)anthracene	278	15.127	15.132	-0.012	95	328924	40.0	34.9	
110 Benzo[g,h,i]perylene	276	15.557	15.567	-0.017	98	329127	40.0	31.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00193 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-Apr-2021 12:01:15 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343126.d

Injection Date: 30-Apr-2021 11:25:30 Instrument ID: CBNAMS12 Operator ID:

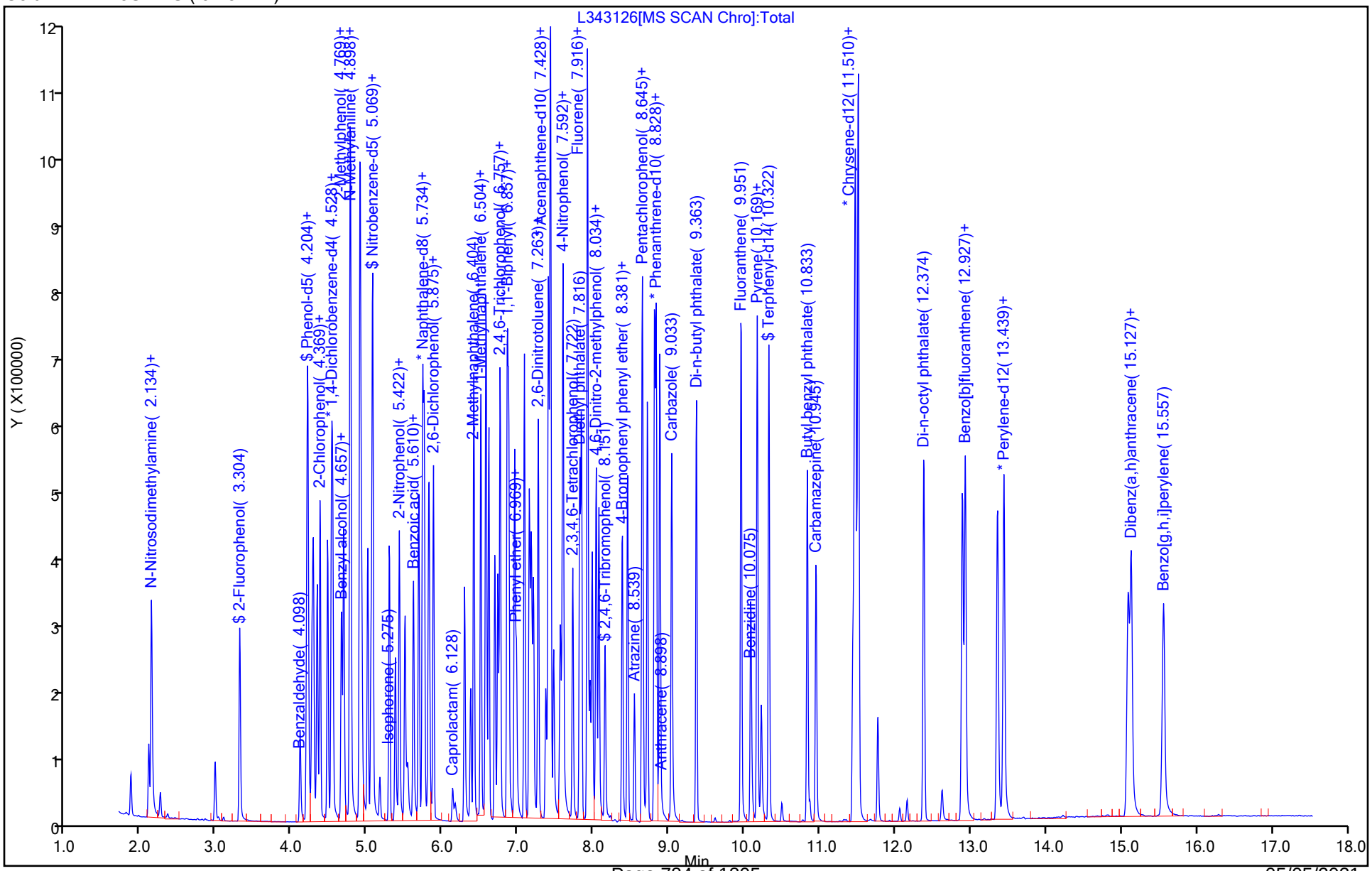
Lims ID: LCSD 460-774905/3-A Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270_12R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

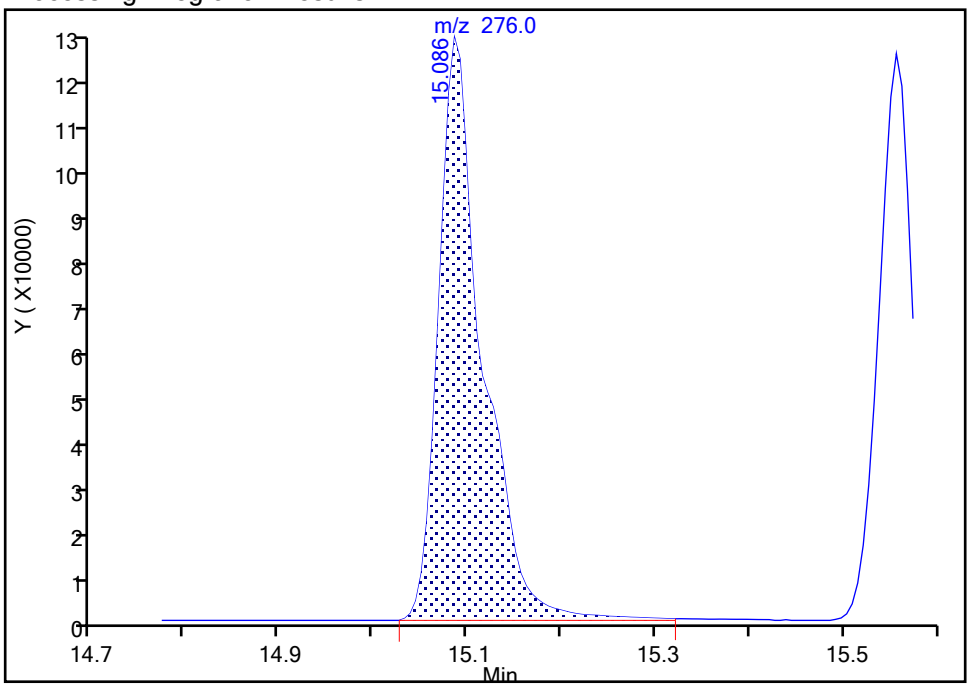
Data File:	\\chromfs\Edison\ChromData\CBNAMS12\20210430-127888.b\L343126.d				
Injection Date:	30-Apr-2021 11:25:30	Instrument ID:	CBNAMS12		
Lims ID:	LCSD 460-774905/3-A				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

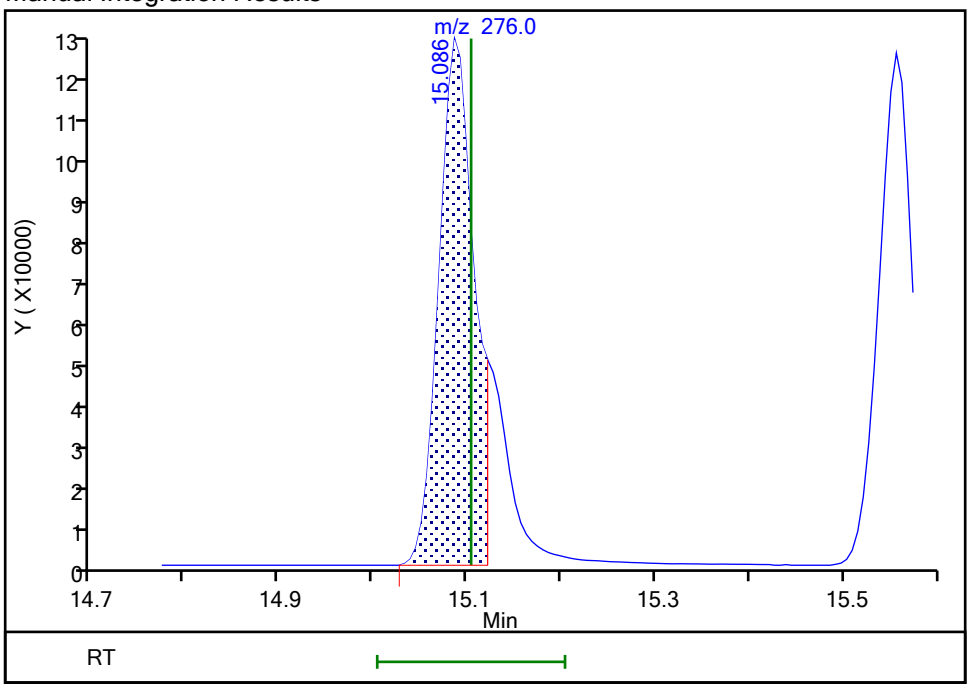
Processing Integration Results

RT: 15.09
Area: 402126
Amount: 41.190160
Amount Units: ug/ml



Manual Integration Results

RT: 15.09
Area: 327928
Amount: 33.589987
Amount Units: ug/ml



Reviewer: zhaoc, 30-Apr-2021 11:48:26

Audit Action: Split an Integrated Peak Audit Reason: Baseline

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 04/04/2021 12:35

Analysis Batch Number: 769375 End Date: 04/04/2021 16:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-769375/1		04/04/2021 12:35	1	L342532.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-769375/2		04/04/2021 12:49	1	L342533.d	Rtxi-5Sil MS 0.25(mm)
STD120 460-769375/3 IC		04/04/2021 13:29	1	L342534.d	Rtxi-5Sil MS 0.25(mm)
STD80 460-769375/4 IC		04/04/2021 13:51	1	L342535.d	Rtxi-5Sil MS 0.25(mm)
STD20 460-769375/5 IC		04/04/2021 14:14	1	L342536.d	Rtxi-5Sil MS 0.25(mm)
STD10 460-769375/6 IC		04/04/2021 14:36	1	L342537.d	Rtxi-5Sil MS 0.25(mm)
STD5 460-769375/7 IC		04/04/2021 14:59	1	L342538.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-769375/8 IC		04/04/2021 15:21	1	L342539.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-769375/9 IC		04/04/2021 15:44	1	L342540.d	Rtxi-5Sil MS 0.25(mm)
STD05 460-769375/10 IC		04/04/2021 16:07	1	L342541.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-769375/11		04/04/2021 16:29	1	L342542.d	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 04/30/2021 09:52

Analysis Batch Number: 775016 End Date: 04/30/2021 20:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-775016/2		04/30/2021 09:52	1	L343122.d	Rtxi-5Sil MS 0.25(mm)
MB 460-774905/1-A		04/30/2021 10:40	1	L343124.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-774905/2-A		04/30/2021 11:02	1	L343125.d	Rtxi-5Sil MS 0.25(mm)
LCSD 460-774905/3-A		04/30/2021 11:25	1	L343126.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 11:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 12:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 12:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 13:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 13:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 14:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 14:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 14:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 15:09	1		Rtxi-5Sil MS 0.25(mm)
460-233141-2	SB-03_7-9_20210428	04/30/2021 15:32	1	L343137.d	Rtxi-5Sil MS 0.25(mm)
460-233141-4	SB-04_4-6_20210428	04/30/2021 15:54	1	L343138.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 16:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 16:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 17:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 17:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 17:47	1		Rtxi-5Sil MS 0.25(mm)
460-233141-1	SB-03_0-2_20210428	04/30/2021 18:09	1	L343144.d	Rtxi-5Sil MS 0.25(mm)
460-233141-3	SB-04_0-2_20210428	04/30/2021 18:32	1	L343145.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 18:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 19:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 19:39	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 20:01	5		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Batch Number: 774905 Batch Start Date: 04/29/21 20:42 Batch Analyst: Romano, Alfredo F

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00012	OP_BNA SPIK 00038	OP_BNASurroga 00019	
MB 460-774905/1		3546, 8270E		15.00 g	1 mL			500 uL	
LCS 460-774905/2		3546, 8270E		15.00 g	1 mL	10 uL	400 uL	500 uL	
LCSD 460-774905/3		3546, 8270E		15.00 g	1 mL	10 uL	400 uL	500 uL	
460-233141-E-1	SB-03_0-2_20210428	3546, 8270E	T	15.00 g	1 mL			500 uL	
460-233141-E-2	SB-03_7-9_20210428	3546, 8270E	T	15.00 g	1 mL			500 uL	
460-233141-E-3	SB-04_0-2_20210428	3546, 8270E	T	15.00 g	1 mL			500 uL	
460-233141-E-4	SB-04_4-6_20210428	3546, 8270E	T	15.00 g	1 mL			500 uL	

Batch Notes	
Balance ID	12
Batch Comment	BNA Soil
Blank Matrix ID	181427
Analyst ID - Concentration	AR
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	AR
Method/Fraction	3546 / 8270E
Microwave Oven ID	MD1952 / 5095 / 4965
Na2SO4 ID	204081
Prep Solvent ID	Methylene Chloride 267133, Acetone 261850
Analyst ID - Spike Analyst	AR
Analyst ID - Spike Witness Analyst	AA
Concentration 1 Uncorrected Temperature	35 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8082A

Polychlorinated Biphenyls (PCBs) by Gas Chromatography

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
SB-03_0-2_20210428	460-233141-1	116	110	119	109
SB-03_7-9_20210428	460-233141-2	123	125	124	117
SB-04_0-2_20210428	460-233141-3	116	115	118	114
SB-04_4-6_20210428	460-233141-4	111	113	112	106
	MB 460-775107/1-A	109	108	110	102
	LCS 460-775107/2-A	115	113	110	105
	LCSD 460-775107/3-A	106	104	103	98

	QC LIMITS
TCX = Tetrachloro-m-xylene	54-150
DCBP = DCB Decachlorobiphenyl	37-150

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 13F0011343.D

Lab ID: LCS 460-775107/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	0.333	0.399	120	65-133	
Aroclor 1016	0.333	0.398	119	65-133	
Aroclor 1260	0.333	0.373	112	71-150	
Aroclor 1260	0.333	0.381	114	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 13F0011344.D

Lab ID: LCSD 460-775107/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	0.333	0.340	102	16	30	65-133	
Aroclor 1016	0.333	0.362	109	10	30	65-133	
Aroclor 1260	0.333	0.340	102	11	30	71-150	
Aroclor 1260	0.333	0.337	101	10	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: MB 460-775107/1-A

Matrix: Solid Date Extracted: 04/30/2021 18:29

Lab File ID:(1) 13F0011342.D Lab File ID:(2) 13F0011342.D

Date Analyzed:(1) 05/03/2021 09:24 Date Analyzed:(2) 05/03/2021 09:24

Instrument ID:(1) CPESTGC13 Instrument ID:(2) CPESTGC13

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) Rtx-CLP ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-775107/2-A	05/03/2021 09:40	05/03/2021 09:40
	LCSD 460-775107/3-A	05/03/2021 09:56	05/03/2021 09:56
SB-03_0-2_20210428	460-233141-1	05/03/2021 14:55	05/03/2021 14:55
SB-03_7-9_20210428	460-233141-2	05/03/2021 15:11	05/03/2021 15:11
SB-04_0-2_20210428	460-233141-3	05/03/2021 15:27	05/03/2021 15:27
SB-04_4-6_20210428	460-233141-4	05/03/2021 15:43	05/03/2021 15:43

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Sample No.: IC 460-751453/2 Date Analyzed: 01/07/2021 10:43

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 13F0008252.D Heated Purge: (Y/N) N

Calibration ID: 83338

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		21943880	1.69				
UPPER LIMIT		43887760	1.76				
LOWER LIMIT		10971940	1.62				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-751453/7		21499766	1.69				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Sample No.: IC 460-751453/2 Date Analyzed: 01/07/2021 10:43

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 13F0008252.D Heated Purge: (Y/N) N

Calibration ID: 83339

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		16549019	1.40				
UPPER LIMIT		33098038	1.47				
LOWER LIMIT		8274510	1.33				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-751453/7		16225623	1.40				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Sample No.: CCVIS 460-775079/2 Date Analyzed: 05/03/2021 08:21

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 13F0011338.D Heated Purge: (Y/N) N

Calibration ID: 83380

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		22778660	2.05				
UPPER LIMIT		45557320	2.12				
LOWER LIMIT		11389330	1.98				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-775107/1-A		21430933	2.05				
LCS 460-775107/2-A		20569733	2.05				
LCSD 460-775107/3-A		22296045	2.05				
460-233141-1	SB-03_0-2_20210428	22167128	2.03				
460-233141-2	SB-03_7-9_20210428	19484076	2.05				
460-233141-3	SB-04_0-2_20210428	19066674	2.05				
460-233141-4	SB-04_4-6_20210428	19513333	2.05				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Sample No.: CCVIS 460-775079/2 Date Analyzed: 05/03/2021 08:21

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 13F0011338.D Heated Purge: (Y/N) N

Calibration ID: 83381

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		11591160	1.73				
UPPER LIMIT		23182320	1.80				
LOWER LIMIT		5795580	1.66				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-775107/1-A		10890206	1.73				
LCS 460-775107/2-A		10240991	1.73				
LCSD 460-775107/3-A		11224056	1.73				
460-233141-1	SB-03_0-2_20210428	10711228	1.71				
460-233141-2	SB-03_7-9_20210428	10123086	1.73				
460-233141-3	SB-04_0-2_20210428	9686202	1.73				
460-233141-4	SB-04_4-6_20210428	10134788	1.73				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-775107/2-A

Instrument ID (1): CPESTGC13 Instrument ID (2): CPESTGC13

Date Analyzed (1): 05/03/2021 09:40 Date Analyzed (2): 05/03/2021 09:40

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.84	2.77	2.91	0.424	0.398	0.4
		2	3.23	3.16	3.30	0.432		
		3	3.46	3.39	3.53	0.417		
		4	3.77	3.70	3.84	0.386		
		5	3.92	3.85	3.99	0.404		
		6	3.99	3.92	4.06	0.410		
		7	4.40	4.33	4.47	0.401		
		8	4.85	4.78	4.92	0.309		
	2	1	3.72	3.69	3.75	0.412	0.399	
		2	4.24	4.17	4.31	0.392		
		3	4.83	4.76	4.90	0.417		
		4	5.00	4.93	5.07	0.440		
		5	5.13	5.06	5.20	0.408		
		6	5.60	5.53	5.67	0.436		
		7	5.77	5.70	5.84	0.356		
		8	6.20	6.13	6.27	0.333		
Aroclor 1260	1	1	5.88	5.81	5.95	0.412	0.381	2.2
		2	6.28	6.20	6.34	0.275		
		3	6.87	6.80	6.94	0.442		
		4	7.28	7.21	7.35	0.402		
		5	7.85	7.77	7.91	0.404		
		6	8.39	8.31	8.45	0.278		
		7	8.56	8.48	8.62	0.483		
		8	9.67	9.60	9.74	0.352		
	2	1	7.32	7.29	7.35	0.400	0.373	
		2	7.61	7.54	7.68	0.365		
		3	8.02	7.95	8.09	0.361		
		4	8.95	8.88	9.02	0.409		
		5	9.57	9.50	9.64	0.387		
		6	9.96	9.91	10.05	0.370		
		7	10.40	10.38	10.52	0.309		
		8	11.01	11.02	11.16	0.381		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-775107/3-A

Instrument ID (1): CPESTGC13 Instrument ID (2): CPESTGC13

Date Analyzed (1): 05/03/2021 09:56 Date Analyzed (2): 05/03/2021 09:56

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.84	2.77	2.91	0.378	0.362	6.4
		2	3.23	3.16	3.30	0.395		
		3	3.46	3.39	3.53	0.377		
		4	3.77	3.70	3.84	0.354		
		5	3.92	3.85	3.99	0.371		
		6	3.99	3.92	4.06	0.373		
		7	4.40	4.33	4.47	0.366		
		8	4.85	4.78	4.92	0.282		
	2	1	3.72	3.69	3.75	0.384	0.340	
		2	4.24	4.17	4.31	0.361		
		3	4.83	4.76	4.90	0.349		
		4	5.00	4.93	5.07	0.343		
		5	5.13	5.06	5.20	0.319		
		6	5.60	5.53	5.67	0.358		
		7	5.77	5.70	5.84	0.353		
		8	6.19	6.13	6.27	0.252		
Aroclor 1260	1	1	5.89	5.81	5.95	0.357	0.337	0.7
		2	6.28	6.20	6.34	0.244		
		3	6.88	6.80	6.94	0.379		
		4	7.28	7.21	7.35	0.337		
		5	7.85	7.77	7.91	0.345		
		6	8.39	8.31	8.45	0.239		
		7	8.56	8.48	8.62	0.417		
		8	9.68	9.60	9.74	0.381		
	2	1	7.32	7.29	7.35	0.370	0.340	
		2	7.61	7.54	7.68	0.328		
		3	8.02	7.95	8.09	0.313		
		4	8.95	8.88	9.02	0.369		
		5	9.57	9.50	9.64	0.365		
		6	9.96	9.91	10.05	0.344		
		7	10.40	10.38	10.52	0.280		
		8	11.01	11.02	11.16	0.349		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-03_0-2_20210428 Lab Sample ID: 460-233141-1

Matrix: Solid Lab File ID: 13F0011362.D

Analysis Method: 8082A Date Collected: 04/28/2021 08:40

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 14:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		37-150
877-09-8	Tetrachloro-m-xylene	110		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011362.D				
Lims ID:	460-233141-E-1-C				
Client ID:	SB-03_0-2_20210428				
Sample Type:	Client				
Inject. Date:	03-May-2021 14:55:55	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0127894-026				
Operator ID:		Instrument ID:	CPESTGC13		
Method:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m				
Limit Group:	GC 8082A PCB ISTD				
Last Update:	03-May-2021 16:05:06	Calib Date:	07-Jan-2021 13:53:26		
Integrator:	Falcon				
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D				
Column 1 :	Rtx-CLPesticides (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1653				

First Level Reviewer: patelji Date: 03-May-2021 16:05:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	2.032	2.046	-0.014	22167128	20.0	
2	1.706	1.729	-0.023	10711228	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	3.084	3.092	-0.008	57860106	54.9	
2	2.419	2.440	-0.021	30231648	58.0	
					RPD = 5.55	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	11.564	11.641	-0.077	36859310	54.3	a
2	10.291	10.320	-0.029	25169226	59.5	a
					RPD = 9.16	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

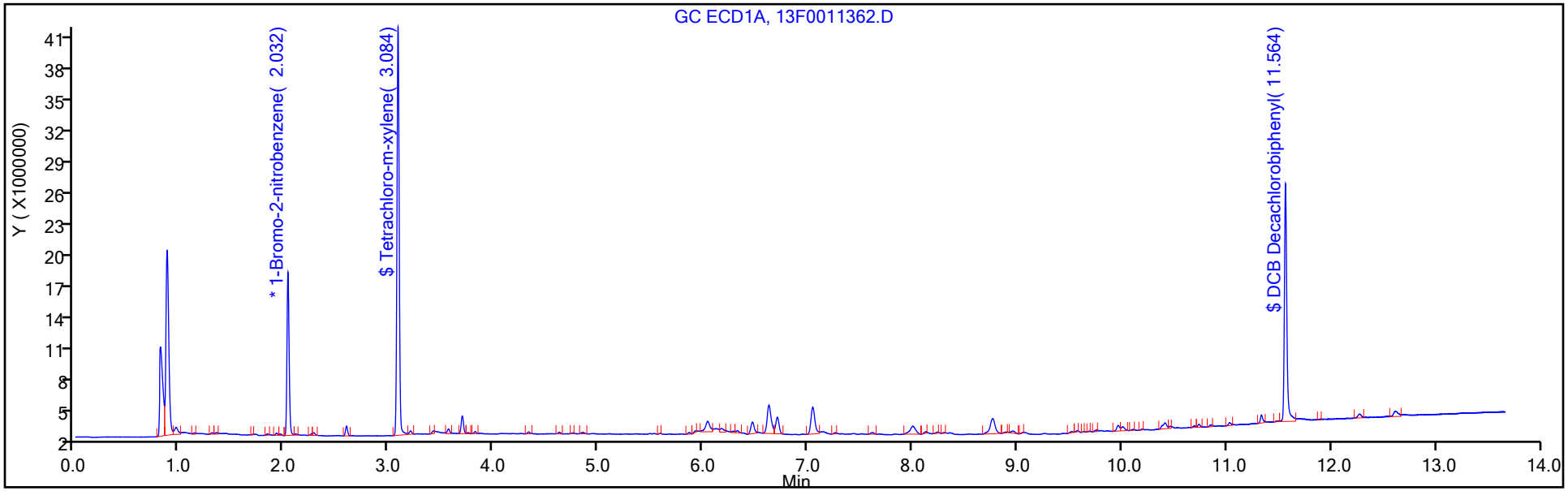
Report Date: 03-May-2021 16:05:22 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

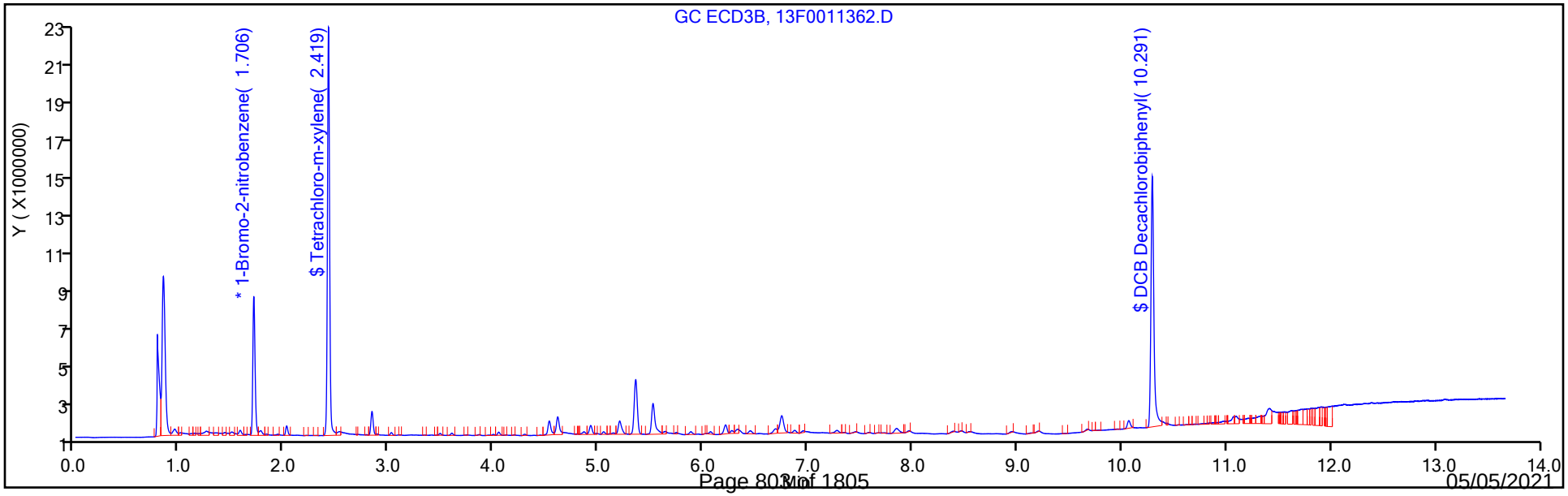
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011362.D

Injection Date:	03-May-2021 14:55:55	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-233141-E-1-C	Lab Sample ID:	460-233141-1	Worklist Smp#:	26
Client ID:	SB-03_0-2_20210428				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

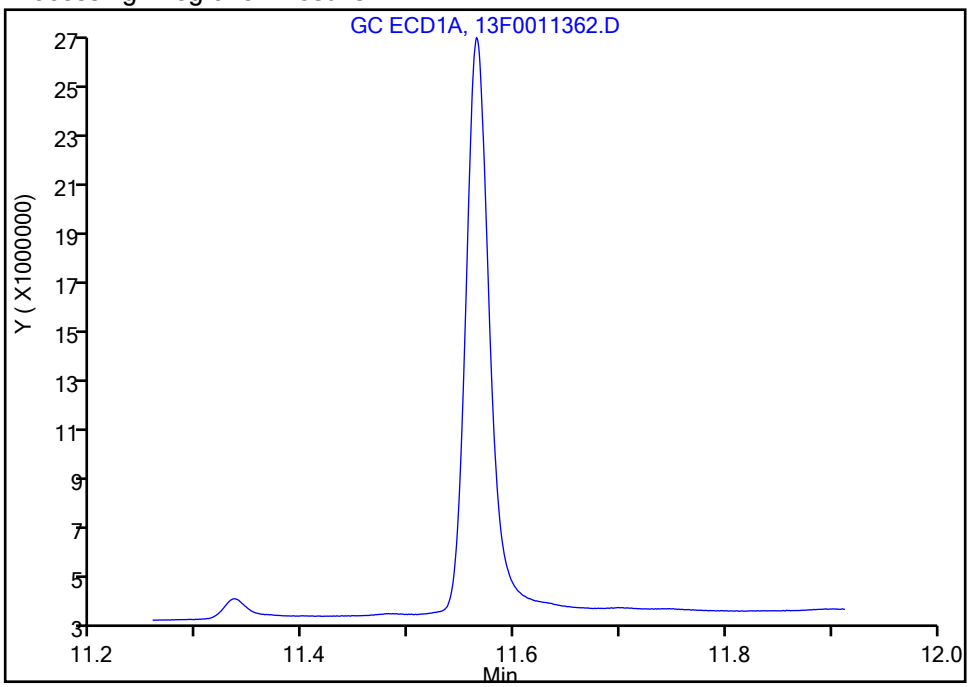
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011362.D				
Injection Date:	03-May-2021 14:55:55	Instrument ID:	CPESTGC13		
Lims ID:	460-233141-E-1-C	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

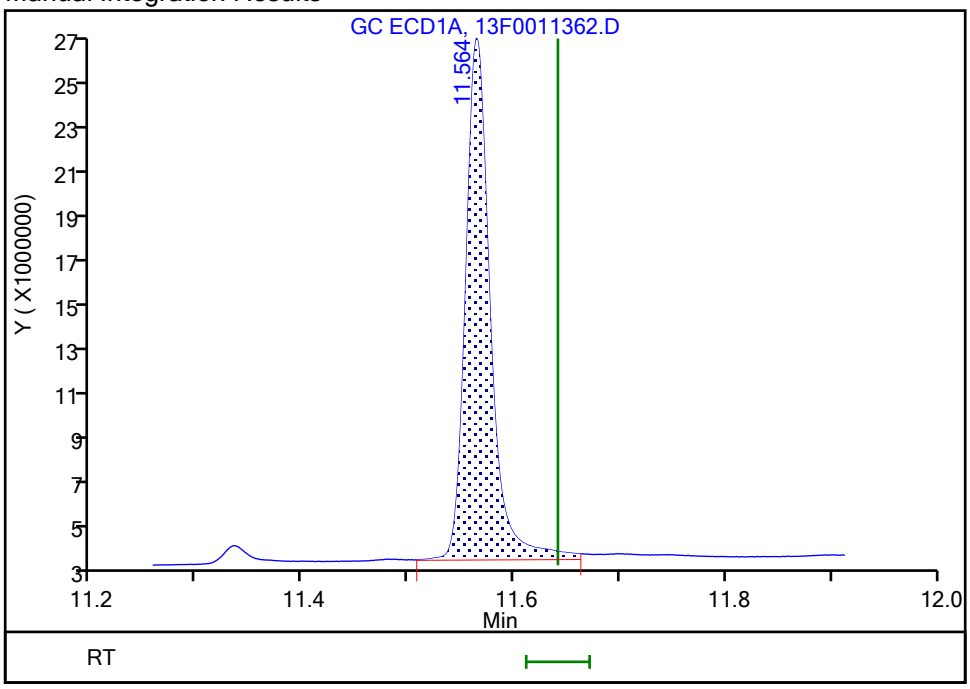
Not Detected
Expected RT: 11.64

Processing Integration Results



Manual Integration Results

RT: 11.56
Area: 36859310
Amount: 54.287325
Amount Units: ug/l



Reviewer: patelji, 03-May-2021 16:05:04
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-03_0-2_20210428 Lab Sample ID: 460-233141-1

Matrix: Solid Lab File ID: 13F0011362.D

Analysis Method: 8082A Date Collected: 04/28/2021 08:40

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 14:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.077	U	0.077	0.010
11104-28-2	Aroclor 1221	0.077	U	0.077	0.010
11141-16-5	Aroclor 1232	0.077	U	0.077	0.010
53469-21-9	Aroclor 1242	0.077	U	0.077	0.010
12672-29-6	Aroclor 1248	0.077	U	0.077	0.010
11097-69-1	Aroclor 1254	0.077	U	0.077	0.011
11096-82-5	Aroclor 1260	0.077	U	0.077	0.011
37324-23-5	Aroclor-1262	0.077	U	0.077	0.011
11100-14-4	Aroclor 1268	0.077	U	0.077	0.011
1336-36-3	Polychlorinated biphenyls, Total	0.077	U	0.077	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		37-150
877-09-8	Tetrachloro-m-xylene	116		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011362.D				
Lims ID:	460-233141-E-1-C				
Client ID:	SB-03_0-2_20210428				
Sample Type:	Client				
Inject. Date:	03-May-2021 14:55:55	ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0127894-026				
Operator ID:		Instrument ID:	CPESTGC13		
Method:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m				
Limit Group:	GC 8082A PCB ISTD				
Last Update:	03-May-2021 16:05:06	Calib Date:	07-Jan-2021 13:53:26		
Integrator:	Falcon				
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D				
Column 1 :	Rtx-CLPesticides (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1653				

First Level Reviewer: patelji Date: 03-May-2021 16:05:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	2.032	2.046	-0.014	22167128	20.0	
2	1.706	1.729	-0.023	10711228	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	3.084	3.092	-0.008	57860106	54.9	
2	2.419	2.440	-0.021	30231648	58.0	
					RPD = 5.55	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	11.564	11.641	-0.077	36859310	54.3	a
2	10.291	10.320	-0.029	25169226	59.5	a
					RPD = 9.16	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

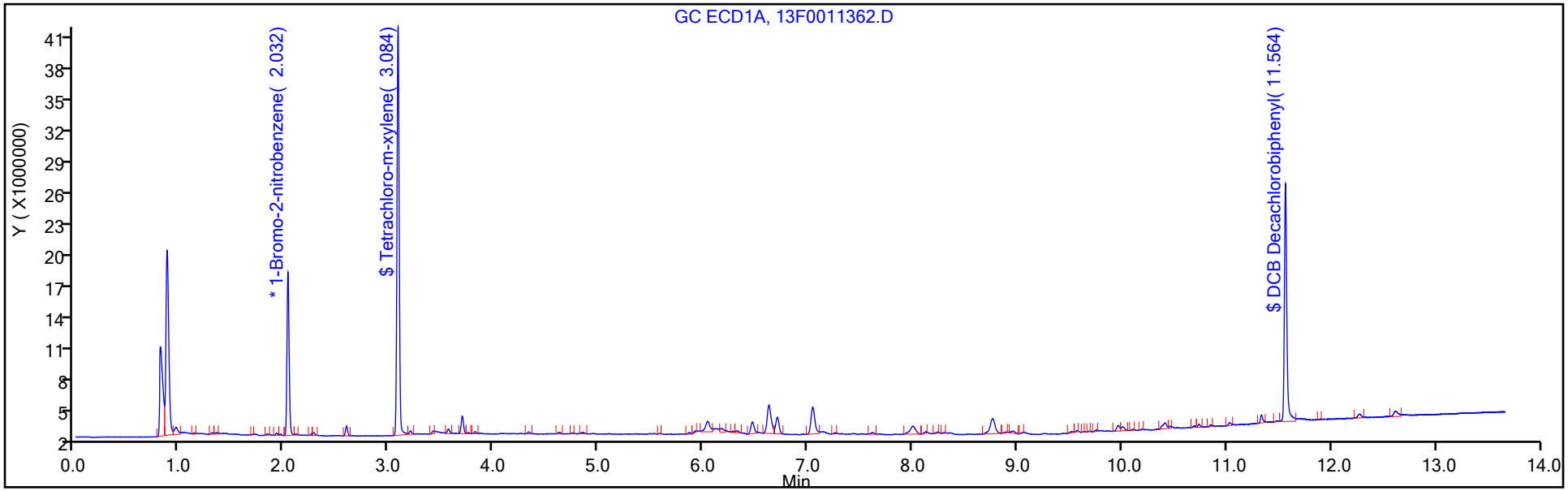
Report Date: 03-May-2021 16:05:23 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

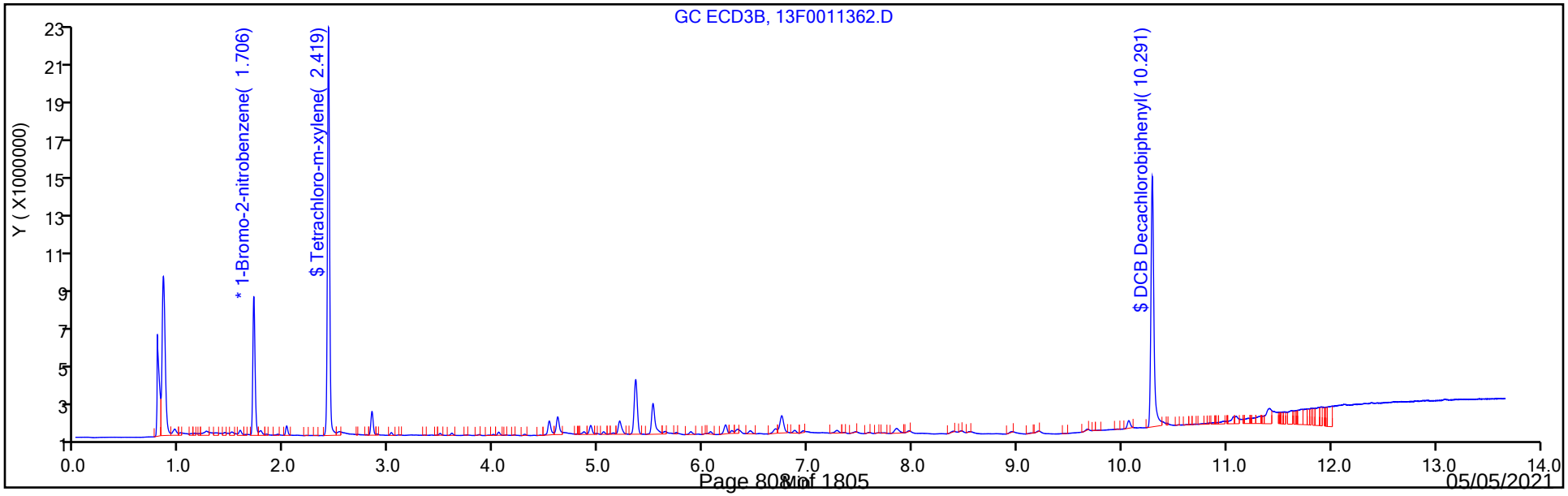
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011362.D

Injection Date:	03-May-2021 14:55:55	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-233141-E-1-C	Lab Sample ID:	460-233141-1	Worklist Smp#:	26
Client ID:	SB-03_0-2_20210428				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

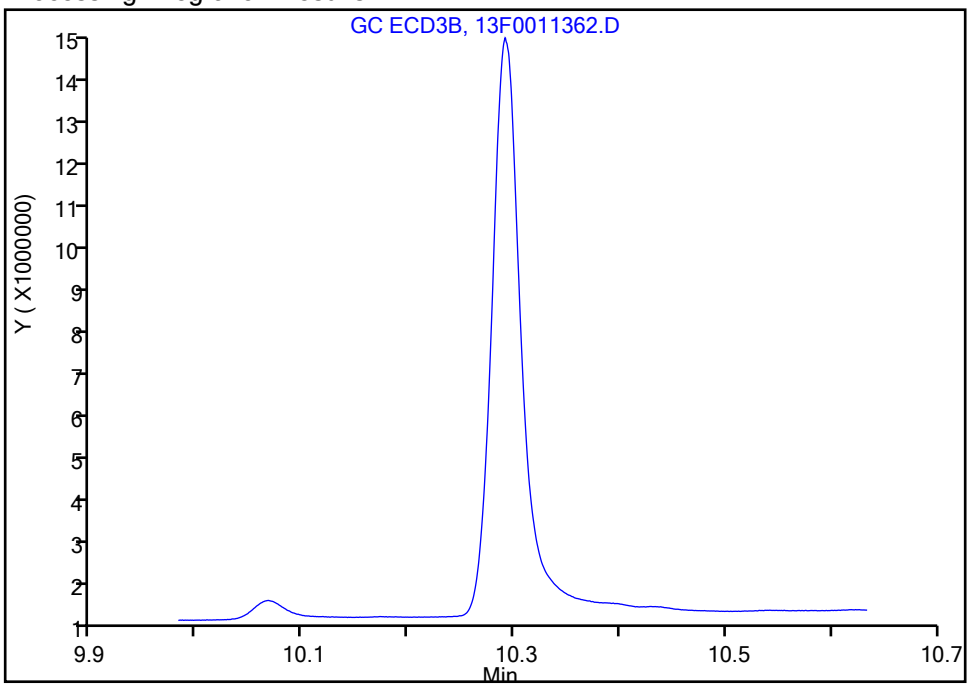
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011362.D				
Injection Date:	03-May-2021 14:55:55	Instrument ID:	CPESTGC13		
Lims ID:	460-233141-E-1-C	Lab Sample ID:	460-233141-1		
Client ID:	SB-03_0-2_20210428				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

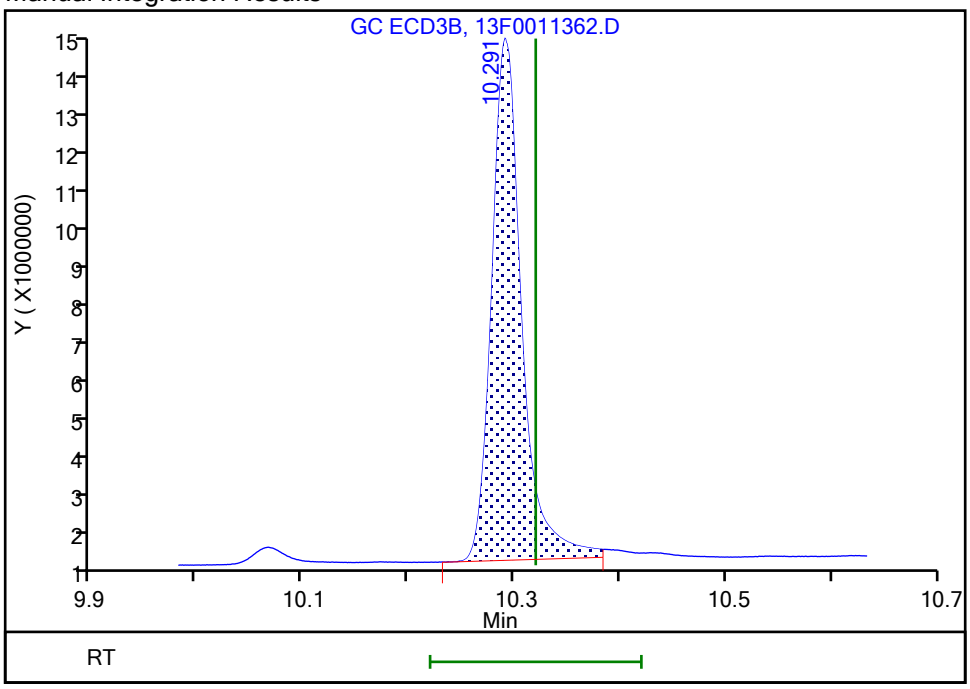
Not Detected
Expected RT: 10.32

Processing Integration Results



Manual Integration Results

RT: 10.29
Area: 25169226
Amount: 59.496372
Amount Units: ug/l



Reviewer: patelji, 03-May-2021 16:05:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-03_7-9_20210428 Lab Sample ID: 460-233141-2

Matrix: Solid Lab File ID: 13F0011363.D

Analysis Method: 8082A Date Collected: 04/28/2021 08:50

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 15:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 24.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		37-150
877-09-8	Tetrachloro-m-xylene	125		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011363.D				
Lims ID:	460-233141-E-2-C				
Client ID:	SB-03_7-9_20210428				
Sample Type:	Client				
Inject. Date:	03-May-2021 15:11:44	ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0127894-027				
Operator ID:		Instrument ID:	CPESTGC13		
Method:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m				
Limit Group:	GC 8082A PCB ISTD				
Last Update:	03-May-2021 16:05:06	Calib Date:	07-Jan-2021 13:53:26		
Integrator:	Falcon				
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D				
Column 1 :	Rtx-CLPesticides (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1653				

First Level Reviewer: patelji Date: 03-May-2021 16:04:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	2.048	2.046	0.002	19484076	20.0	
2	1.731	1.729	0.002	10123086	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	3.091	3.092	-0.001	58093318	62.7	
2	2.441	2.440	0.001	30383670	61.7	
					RPD = 1.60	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	11.542	11.641	-0.099	34778629	58.3	a
2	10.286	10.320	-0.034	24771042	62.0	a
					RPD = 6.12	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

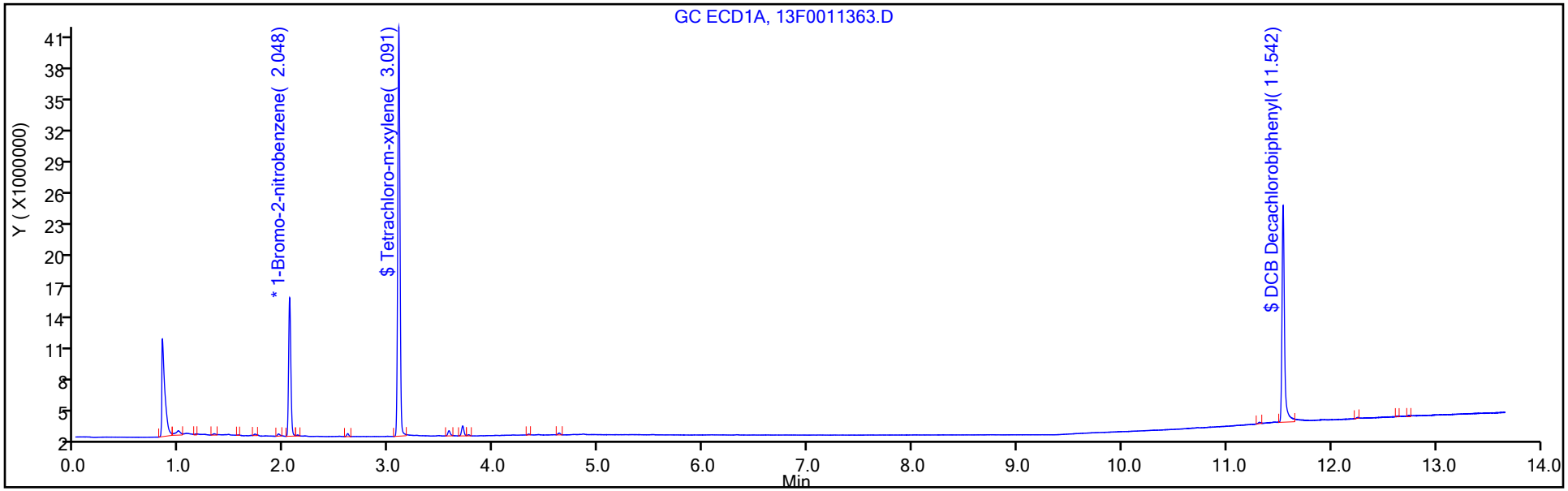
Report Date: 03-May-2021 16:05:25 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

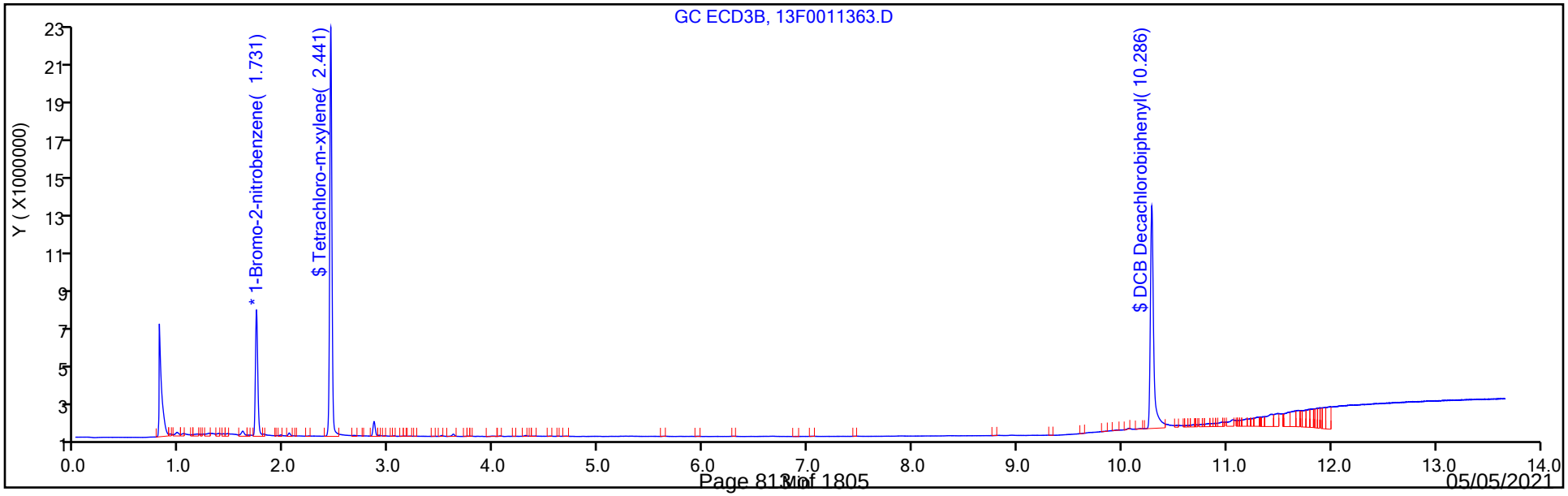
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011363.D

Injection Date:	03-May-2021 15:11:44	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-233141-E-2-C	Lab Sample ID:	460-233141-2	Worklist Smp#:	27
Client ID:	SB-03_7-9_20210428				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

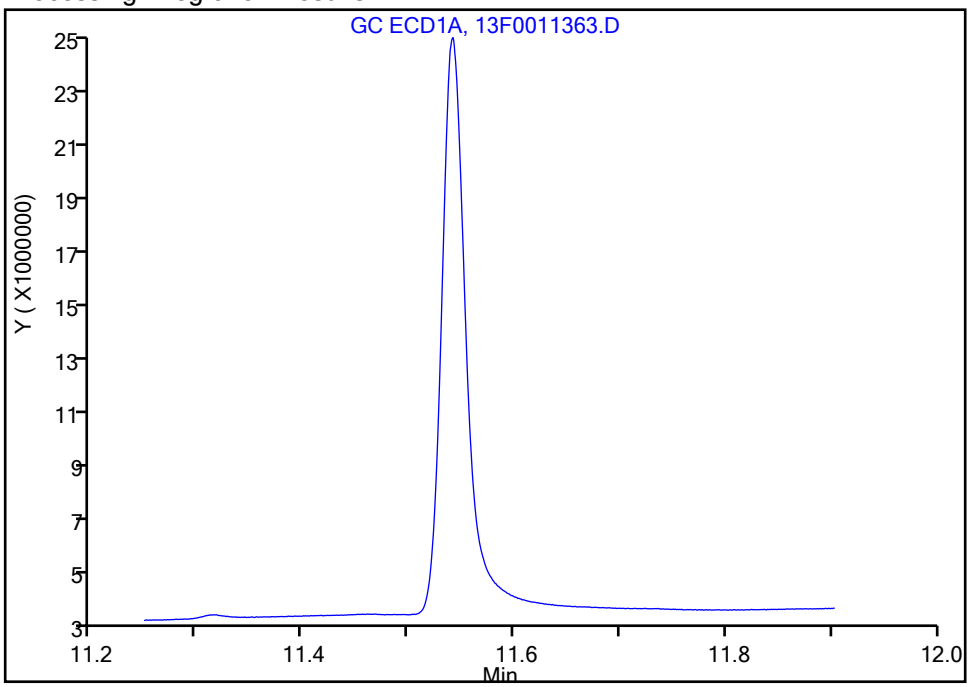
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011363.D				
Injection Date:	03-May-2021 15:11:44	Instrument ID:	CPESTGC13		
Lims ID:	460-233141-E-2-C	Lab Sample ID:	460-233141-2		
Client ID:	SB-03_7-9_20210428				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

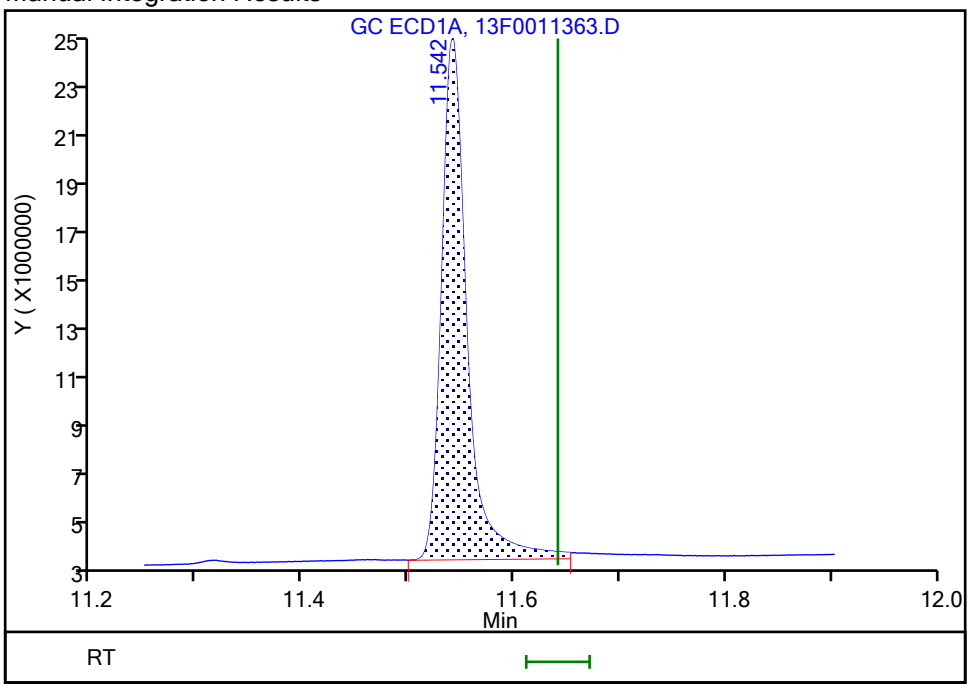
Not Detected
Expected RT: 11.64

Processing Integration Results



Manual Integration Results

RT: 11.54
Area: 34778629
Amount: 58.276480
Amount Units: ug/l



Reviewer: patelji, 03-May-2021 16:04:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-03_7-9_20210428 Lab Sample ID: 460-233141-2

Matrix: Solid Lab File ID: 13F0011363.D

Analysis Method: 8082A Date Collected: 04/28/2021 08:50

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 15:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 24.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.089	U	0.089	0.012
11104-28-2	Aroclor 1221	0.089	U	0.089	0.012
11141-16-5	Aroclor 1232	0.089	U	0.089	0.012
53469-21-9	Aroclor 1242	0.089	U	0.089	0.012
12672-29-6	Aroclor 1248	0.089	U	0.089	0.012
11097-69-1	Aroclor 1254	0.089	U	0.089	0.012
11096-82-5	Aroclor 1260	0.089	U	0.089	0.012
37324-23-5	Aroclor-1262	0.089	U	0.089	0.012
11100-14-4	Aroclor 1268	0.089	U	0.089	0.012
1336-36-3	Polychlorinated biphenyls, Total	0.089	U	0.089	0.012

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		37-150
877-09-8	Tetrachloro-m-xylene	123		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011363.D				
Lims ID:	460-233141-E-2-C				
Client ID:	SB-03_7-9_20210428				
Sample Type:	Client				
Inject. Date:	03-May-2021 15:11:44	ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0127894-027				
Operator ID:		Instrument ID:	CPESTGC13		
Method:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m				
Limit Group:	GC 8082A PCB ISTD				
Last Update:	03-May-2021 16:05:06	Calib Date:	07-Jan-2021 13:53:26		
Integrator:	Falcon				
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D				
Column 1 :	Rtx-CLPesticides (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1653				

First Level Reviewer: patelji Date: 03-May-2021 16:04:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	2.048	2.046	0.002	19484076	20.0	
2	1.731	1.729	0.002	10123086	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	3.091	3.092	-0.001	58093318	62.7	
2	2.441	2.440	0.001	30383670	61.7	
					RPD = 1.60	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	11.542	11.641	-0.099	34778629	58.3	a
2	10.286	10.320	-0.034	24771042	62.0	a
					RPD = 6.12	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

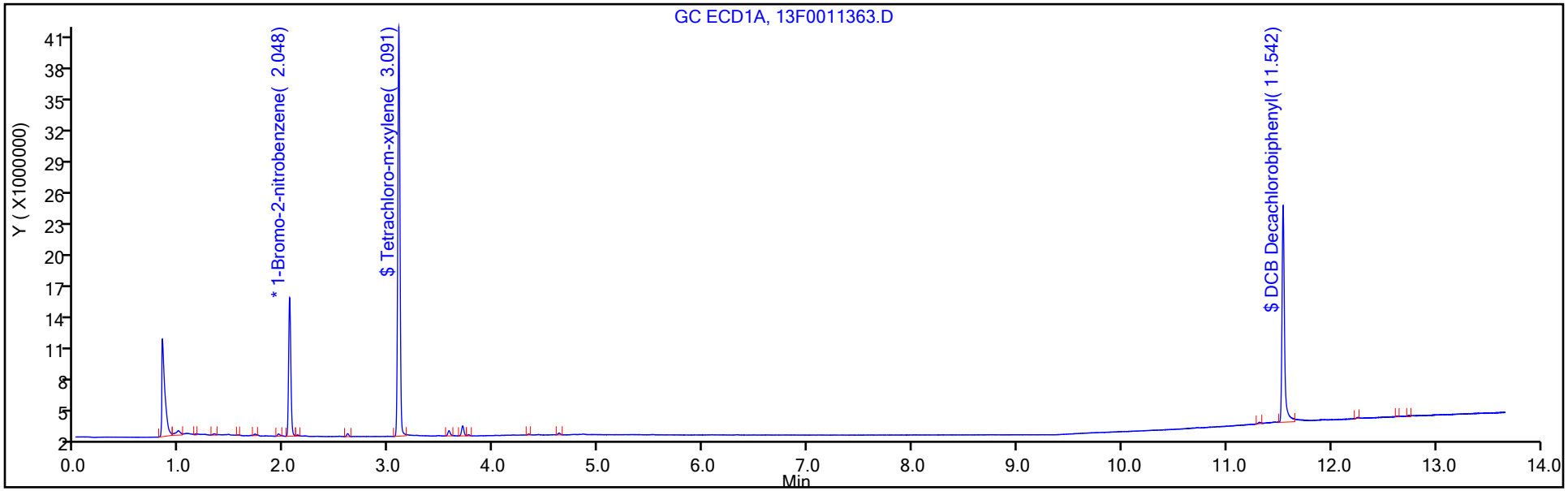
Report Date: 03-May-2021 16:05:26 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

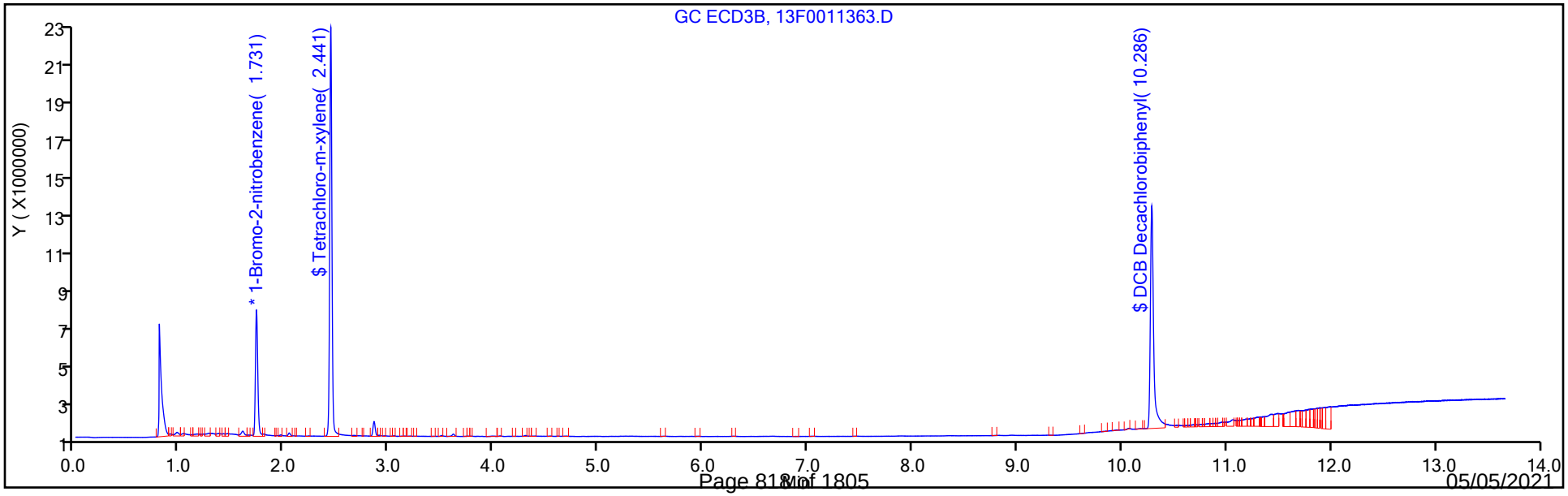
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011363.D

Injection Date:	03-May-2021 15:11:44	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-233141-E-2-C	Lab Sample ID:	460-233141-2	Worklist Smp#:	27
Client ID:	SB-03_7-9_20210428				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

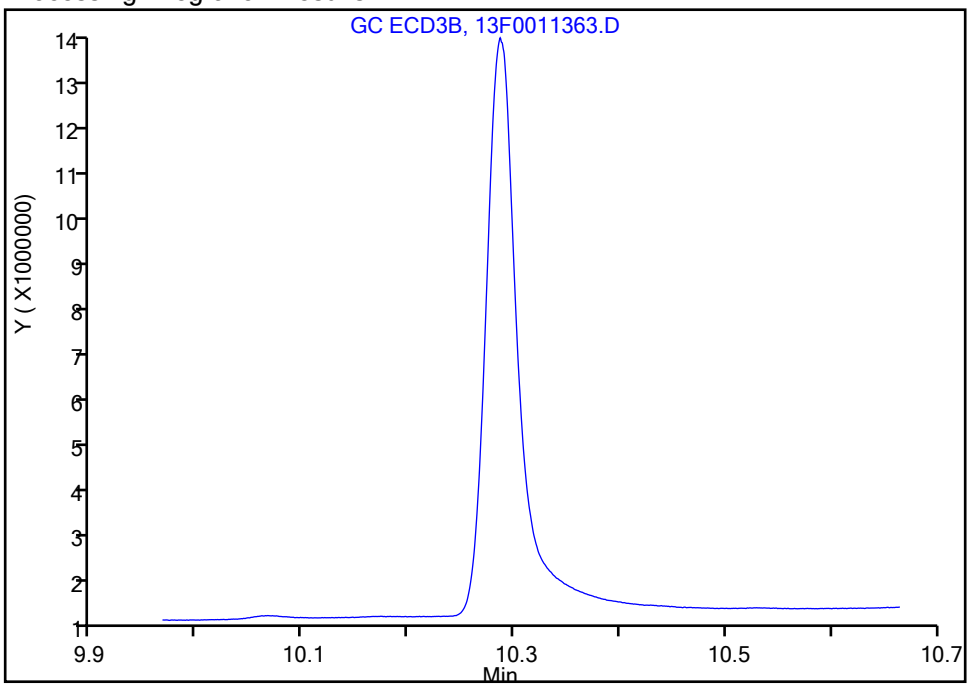
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011363.D				
Injection Date:	03-May-2021 15:11:44	Instrument ID:	CPESTGC13		
Lims ID:	460-233141-E-2-C	Lab Sample ID:	460-233141-2		
Client ID:	SB-03_7-9_20210428				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

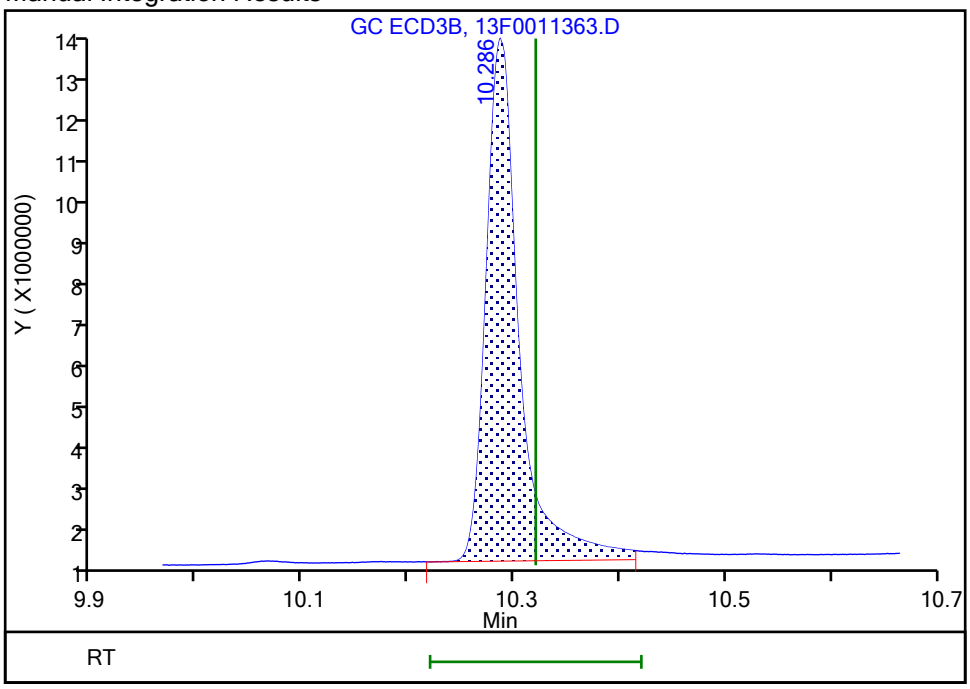
Not Detected
Expected RT: 10.32

Processing Integration Results



Manual Integration Results

RT: 10.29
Area: 24771042
Amount: 61.957122
Amount Units: ug/l



Reviewer: patelji, 03-May-2021 16:04:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-04_0-2_20210428 Lab Sample ID: 460-233141-3

Matrix: Solid Lab File ID: 13F0011364.D

Analysis Method: 8082A Date Collected: 04/28/2021 09:26

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 15:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 22.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		37-150
877-09-8	Tetrachloro-m-xylene	115		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011364.D
Lims ID: 460-233141-E-3-C
Client ID: SB-04_0-2_20210428
Sample Type: Client
Inject. Date: 03-May-2021 15:27:29 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127894-028
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-May-2021 16:05:06 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1653

First Level Reviewer: patelji Date: 03-May-2021 16:04:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	2.049	2.046	0.003	19066674	20.0	
2	1.733	1.729	0.004	9686202	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	3.092	3.092	0.000	51979978	57.3	
2	2.443	2.440	0.003	27263736	57.8	
					RPD = 0.93	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	11.536	11.641	-0.105	33427897	57.2	a
2	10.283	10.320	-0.037	22521536	58.9	a
					RPD = 2.81	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

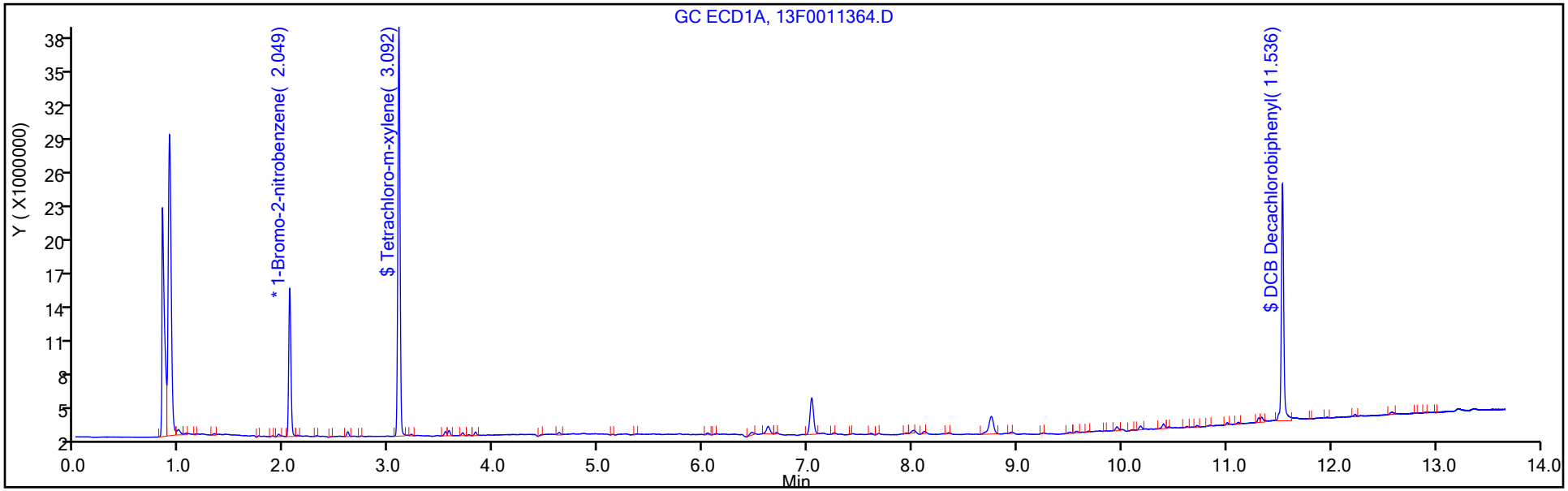
Report Date: 03-May-2021 16:05:27 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

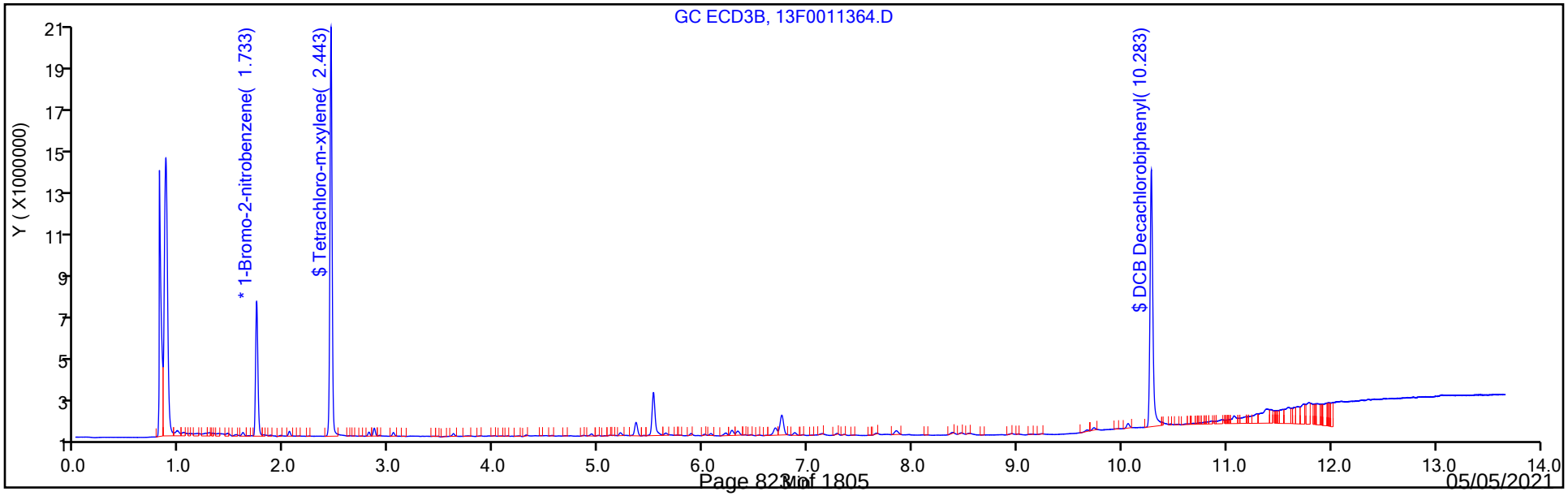
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011364.D

Injection Date:	03-May-2021 15:27:29	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-233141-E-3-C	Lab Sample ID:	460-233141-3	Worklist Smp#:	28
Client ID:	SB-04_0-2_20210428				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins TestAmerica, Edison

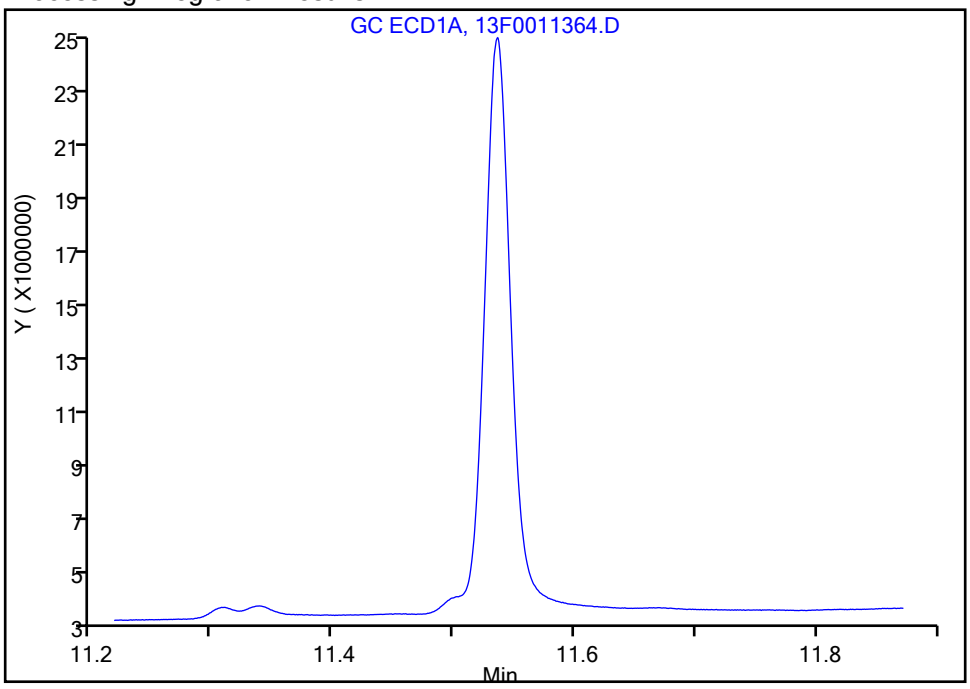
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011364.D				
Injection Date:	03-May-2021 15:27:29	Instrument ID:	CPESTGC13		
Lims ID:	460-233141-E-3-C	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

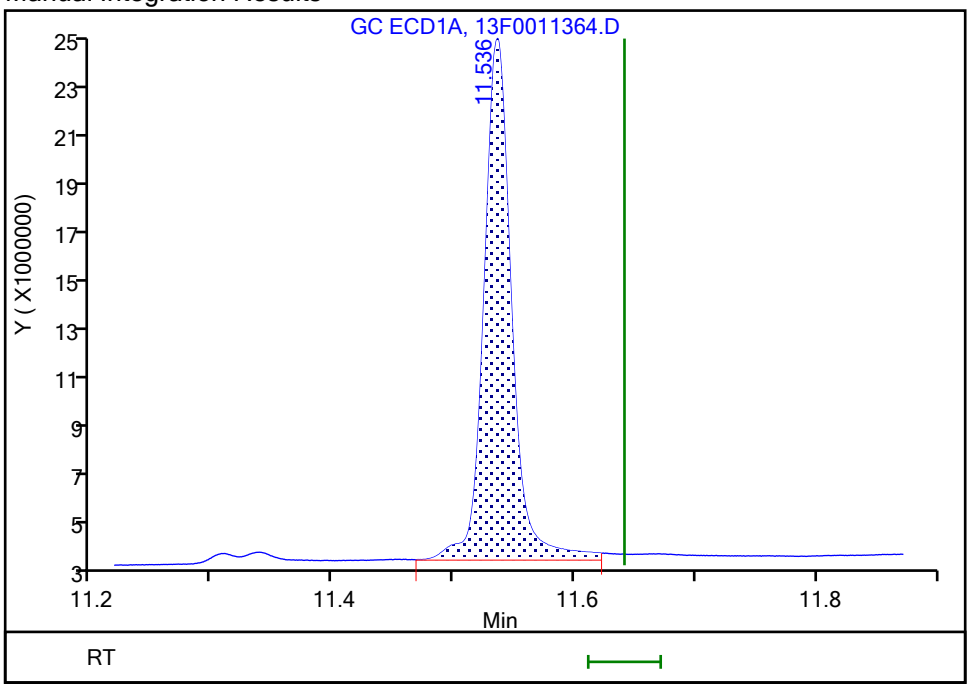
Not Detected
Expected RT: 11.64

Processing Integration Results



Manual Integration Results

RT: 11.54
Area: 33427897
Amount: 57.239362
Amount Units: ug/l



Reviewer: patelji, 03-May-2021 16:04:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-04_0-2_20210428 Lab Sample ID: 460-233141-3

Matrix: Solid Lab File ID: 13F0011364.D

Analysis Method: 8082A Date Collected: 04/28/2021 09:26

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 15:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 22.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.087	U	0.087	0.012
11104-28-2	Aroclor 1221	0.087	U	0.087	0.012
11141-16-5	Aroclor 1232	0.087	U	0.087	0.012
53469-21-9	Aroclor 1242	0.087	U	0.087	0.012
12672-29-6	Aroclor 1248	0.087	U	0.087	0.012
11097-69-1	Aroclor 1254	0.087	U	0.087	0.012
11096-82-5	Aroclor 1260	0.087	U	0.087	0.012
37324-23-5	Aroclor-1262	0.087	U	0.087	0.012
11100-14-4	Aroclor 1268	0.087	U	0.087	0.012
1336-36-3	Polychlorinated biphenyls, Total	0.087	U	0.087	0.012

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		37-150
877-09-8	Tetrachloro-m-xylene	116		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011364.D
Lims ID: 460-233141-E-3-C
Client ID: SB-04_0-2_20210428
Sample Type: Client
Inject. Date: 03-May-2021 15:27:29 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127894-028
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-May-2021 16:05:06 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1653

First Level Reviewer: patelji Date: 03-May-2021 16:04:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	2.049	2.046	0.003	19066674	20.0	
2	1.733	1.729	0.004	9686202	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	3.092	3.092	0.000	51979978	57.3	
2	2.443	2.440	0.003	27263736	57.8	
					RPD = 0.93	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	11.536	11.641	-0.105	33427897	57.2	a
2	10.283	10.320	-0.037	22521536	58.9	a
					RPD = 2.81	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

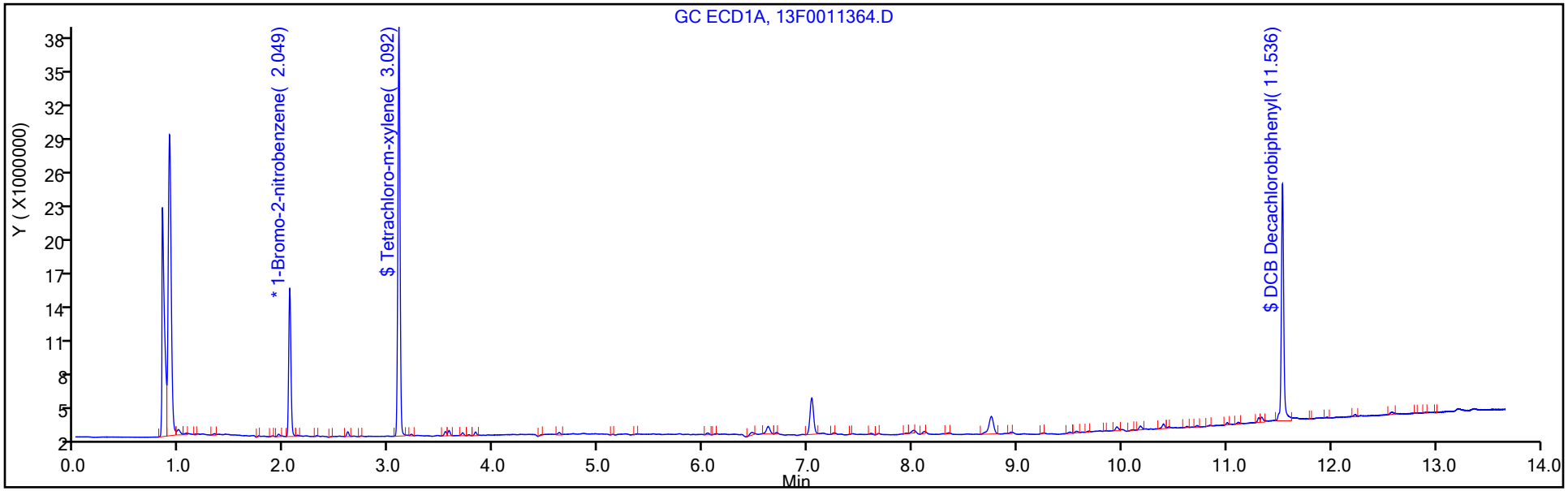
Report Date: 03-May-2021 16:05:28 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

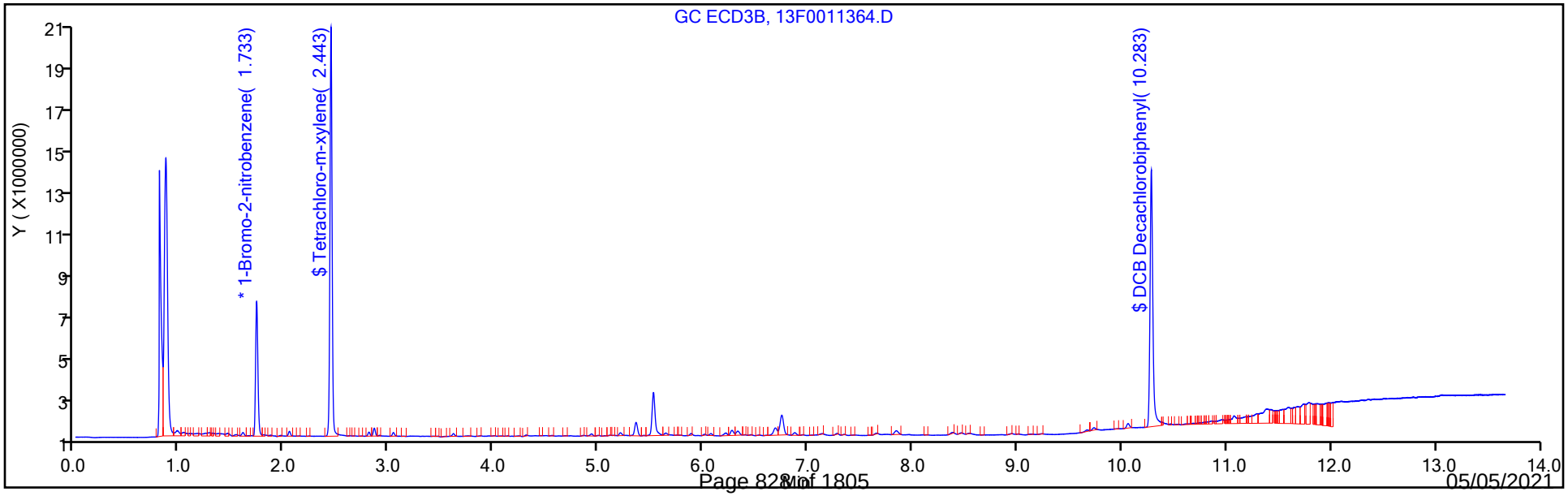
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011364.D

Injection Date:	03-May-2021 15:27:29	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-233141-E-3-C	Lab Sample ID:	460-233141-3	Worklist Smp#:	28
Client ID:	SB-04_0-2_20210428				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins TestAmerica, Edison

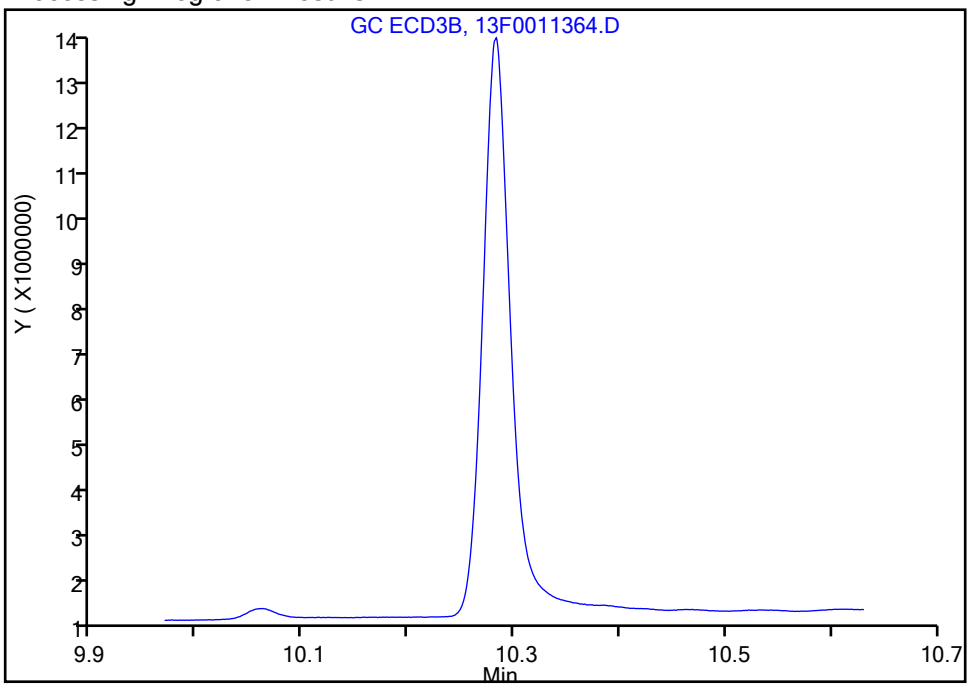
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011364.D				
Injection Date:	03-May-2021 15:27:29	Instrument ID:	CPESTGC13		
Lims ID:	460-233141-E-3-C	Lab Sample ID:	460-233141-3		
Client ID:	SB-04_0-2_20210428				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

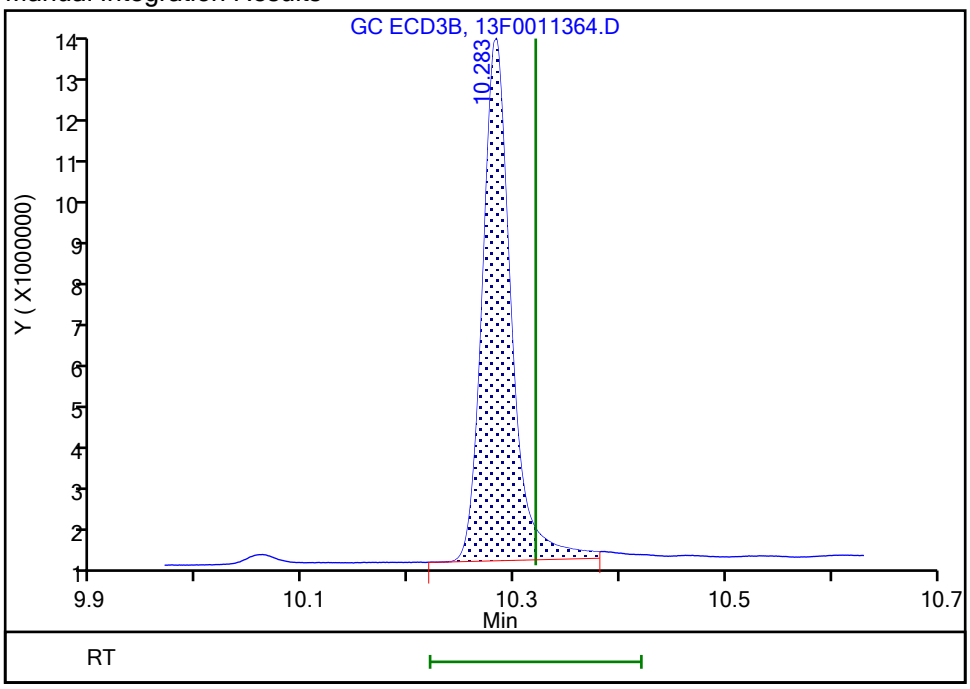
Not Detected
Expected RT: 10.32

Processing Integration Results



Manual Integration Results

RT: 10.28
Area: 22521536
Amount: 58.871401
Amount Units: ug/l



Reviewer: patelji, 03-May-2021 16:04:43
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-04_4-6_20210428 Lab Sample ID: 460-233141-4

Matrix: Solid Lab File ID: 13F0011365.D

Analysis Method: 8082A Date Collected: 04/28/2021 09:29

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 15:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 19.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		37-150
877-09-8	Tetrachloro-m-xylene	113		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011365.D
Lims ID: 460-233141-E-4-C
Client ID: SB-04_4-6_20210428
Sample Type: Client
Inject. Date: 03-May-2021 15:43:21 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127894-029
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-May-2021 16:05:06 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1653

First Level Reviewer: patelji Date: 03-May-2021 16:04:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	2.048	2.046	0.002	19513333	20.0	
2	1.732	1.729	0.003	10134788	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	3.091	3.092	-0.001	52690203	56.7	
2	2.442	2.440	0.002	27474331	55.7	
					RPD = 1.87	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	11.541	11.641	-0.100	31600247	52.9	a
2	10.287	10.320	-0.033	22437306	56.1	a
					RPD = 5.85	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

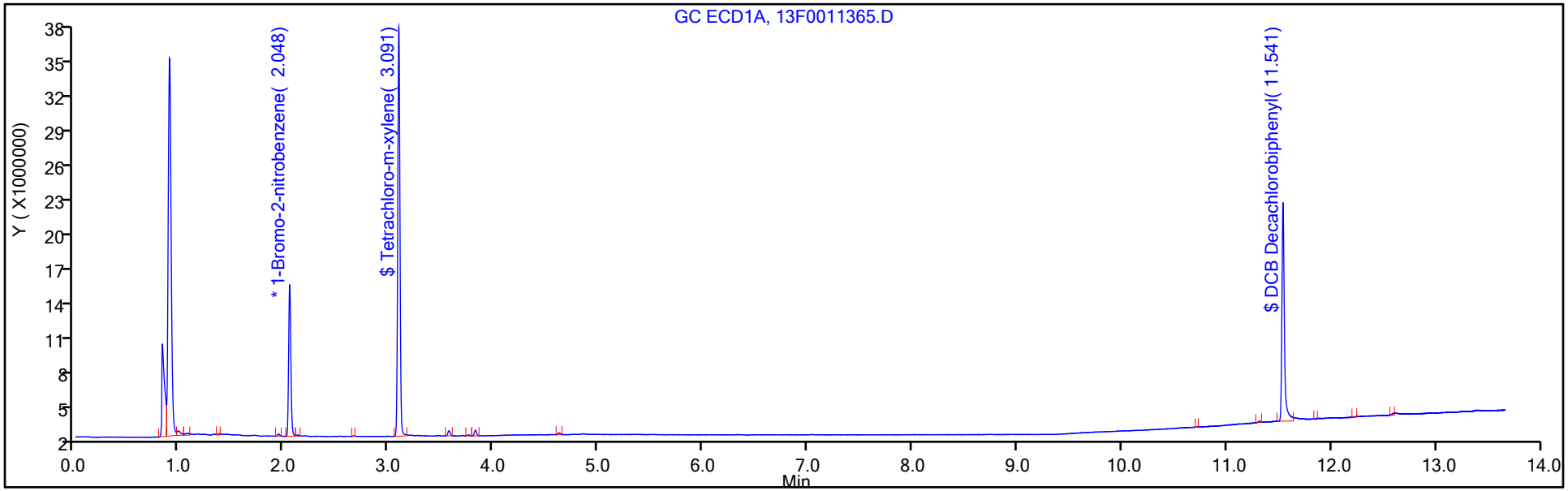
Report Date: 03-May-2021 16:05:30 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

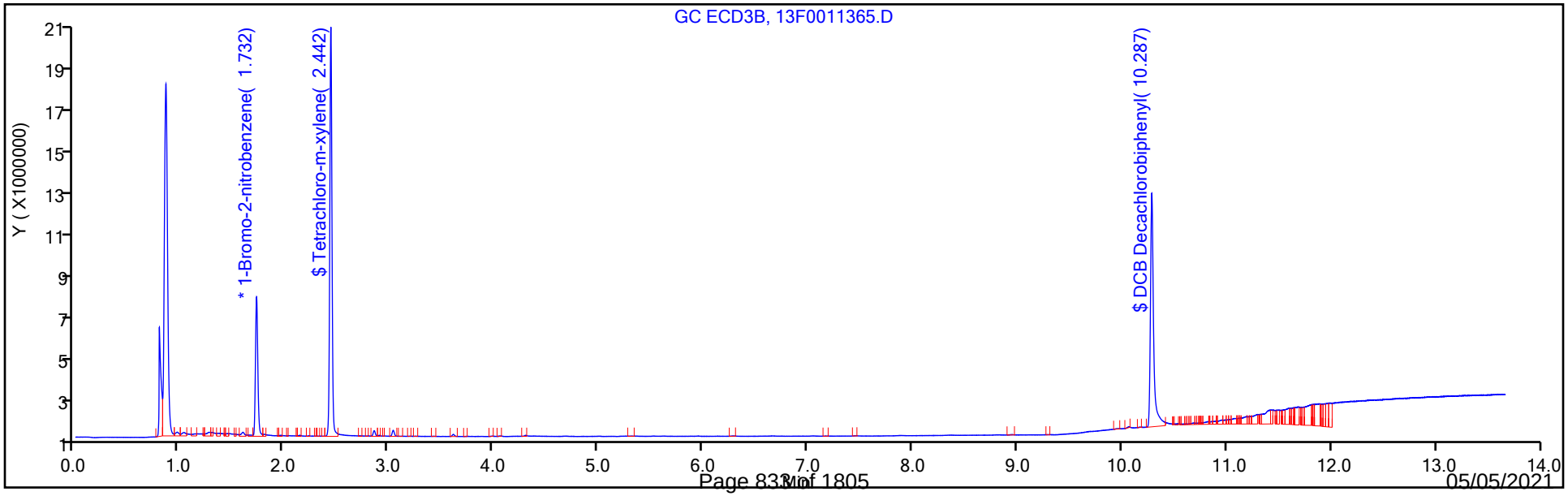
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011365.D

Injection Date:	03-May-2021 15:43:21	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-233141-E-4-C	Lab Sample ID:	460-233141-4	Worklist Smp#:	29
Client ID:	SB-04_4-6_20210428				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

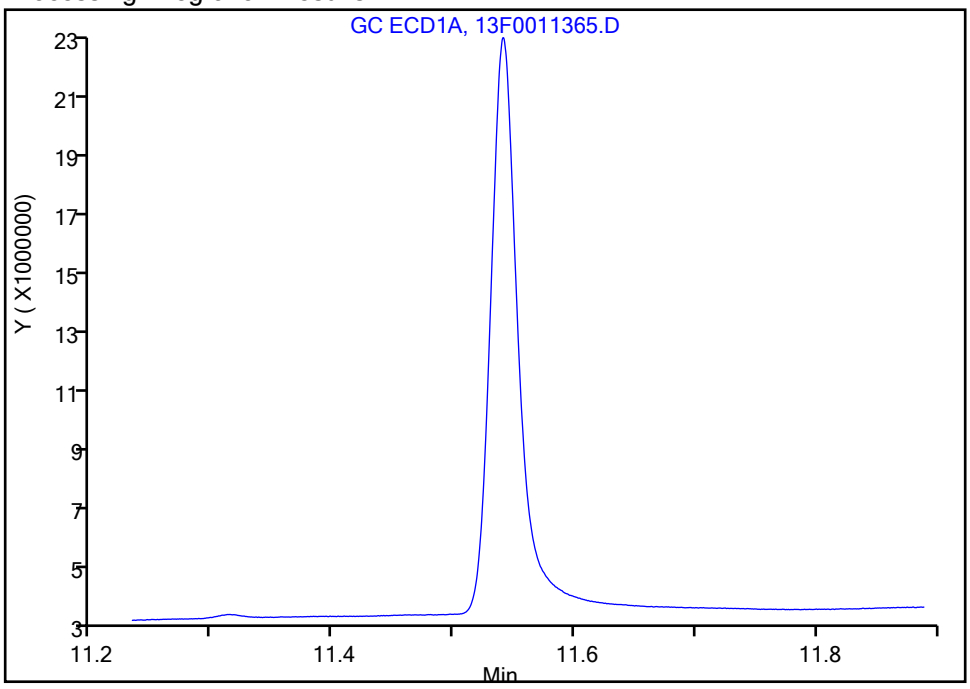
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011365.D				
Injection Date:	03-May-2021 15:43:21	Instrument ID:	CPESTGC13		
Lims ID:	460-233141-E-4-C	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

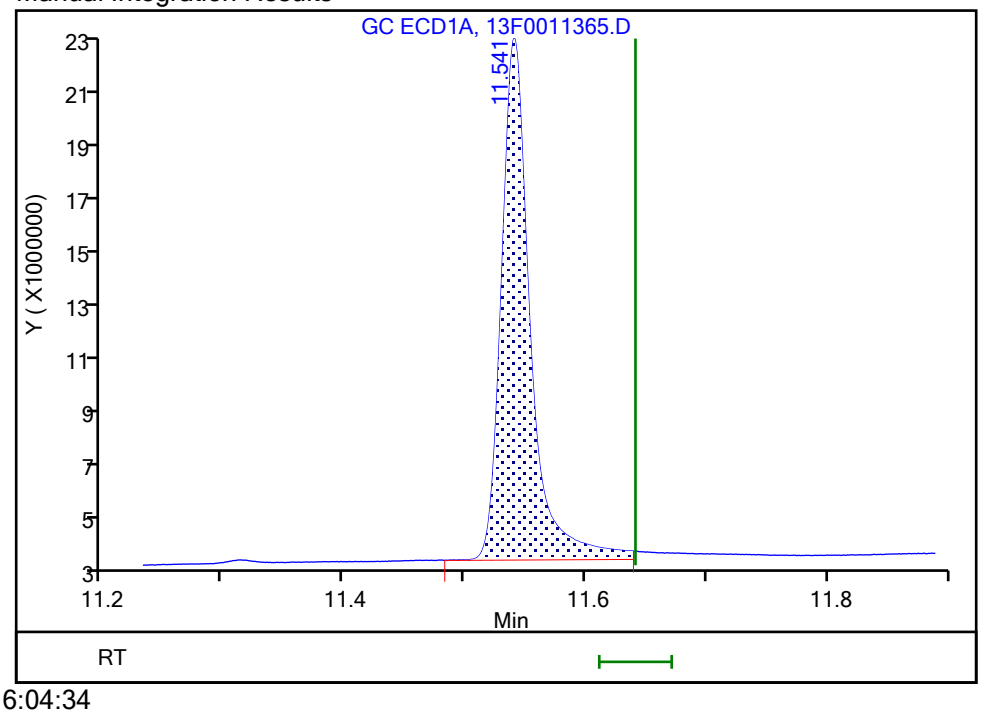
Processing Integration Results

Not Detected
Expected RT: 11.64



Manual Integration Results

RT: 11.54
Area: 31600247
Amount: 52.871264
Amount Units: ug/l



Reviewer: patelji, 03-May-2021 16:04:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: SB-04_4-6_20210428 Lab Sample ID: 460-233141-4

Matrix: Solid Lab File ID: 13F0011365.D

Analysis Method: 8082A Date Collected: 04/28/2021 09:29

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 15:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 19.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.083	U	0.083	0.011
11104-28-2	Aroclor 1221	0.083	U	0.083	0.011
11141-16-5	Aroclor 1232	0.083	U	0.083	0.011
53469-21-9	Aroclor 1242	0.083	U	0.083	0.011
12672-29-6	Aroclor 1248	0.083	U	0.083	0.011
11097-69-1	Aroclor 1254	0.083	U	0.083	0.011
11096-82-5	Aroclor 1260	0.083	U	0.083	0.011
37324-23-5	Aroclor-1262	0.083	U	0.083	0.011
11100-14-4	Aroclor 1268	0.083	U	0.083	0.011
1336-36-3	Polychlorinated biphenyls, Total	0.083	U	0.083	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		37-150
877-09-8	Tetrachloro-m-xylene	111		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011365.D
Lims ID: 460-233141-E-4-C
Client ID: SB-04_4-6_20210428
Sample Type: Client
Inject. Date: 03-May-2021 15:43:21 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127894-029
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-May-2021 16:05:06 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1653

First Level Reviewer: patelji Date: 03-May-2021 16:04:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	2.048	2.046	0.002	19513333	20.0	
2	1.732	1.729	0.003	10134788	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	3.091	3.092	-0.001	52690203	56.7	
2	2.442	2.440	0.002	27474331	55.7	
					RPD = 1.87	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	11.541	11.641	-0.100	31600247	52.9	a
2	10.287	10.320	-0.033	22437306	56.1	a
					RPD = 5.85	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

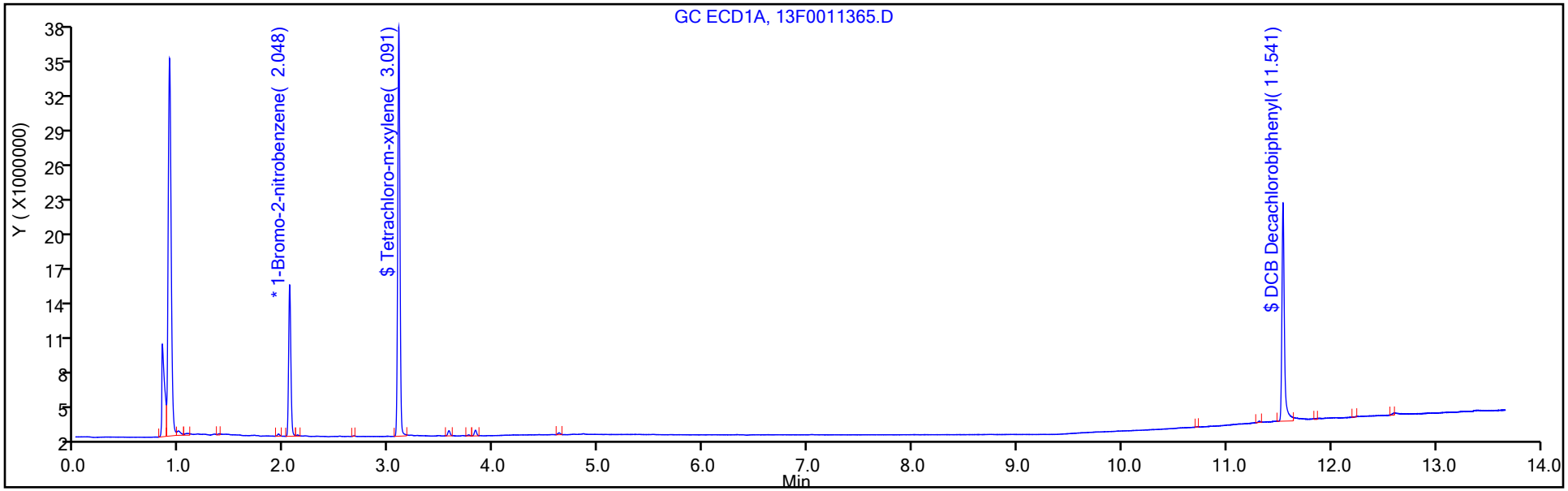
Report Date: 03-May-2021 16:05:31 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

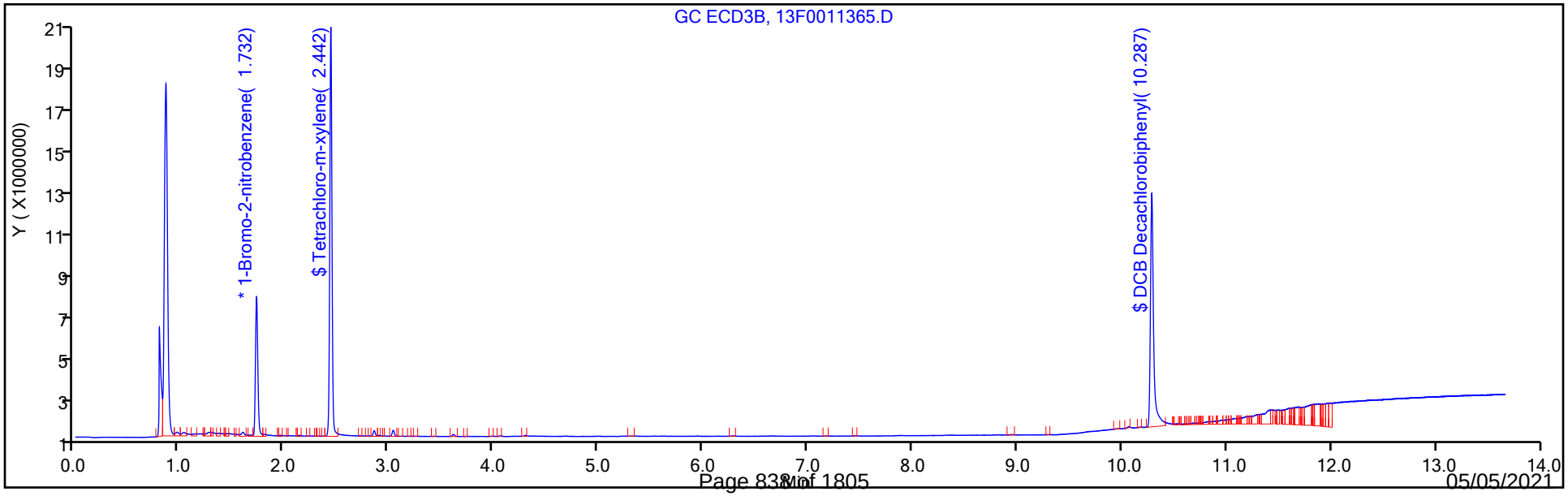
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011365.D

Injection Date:	03-May-2021 15:43:21	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	460-233141-E-4-C	Lab Sample ID:	460-233141-4	Worklist Smp#:	29
Client ID:	SB-04_4-6_20210428				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins TestAmerica, Edison

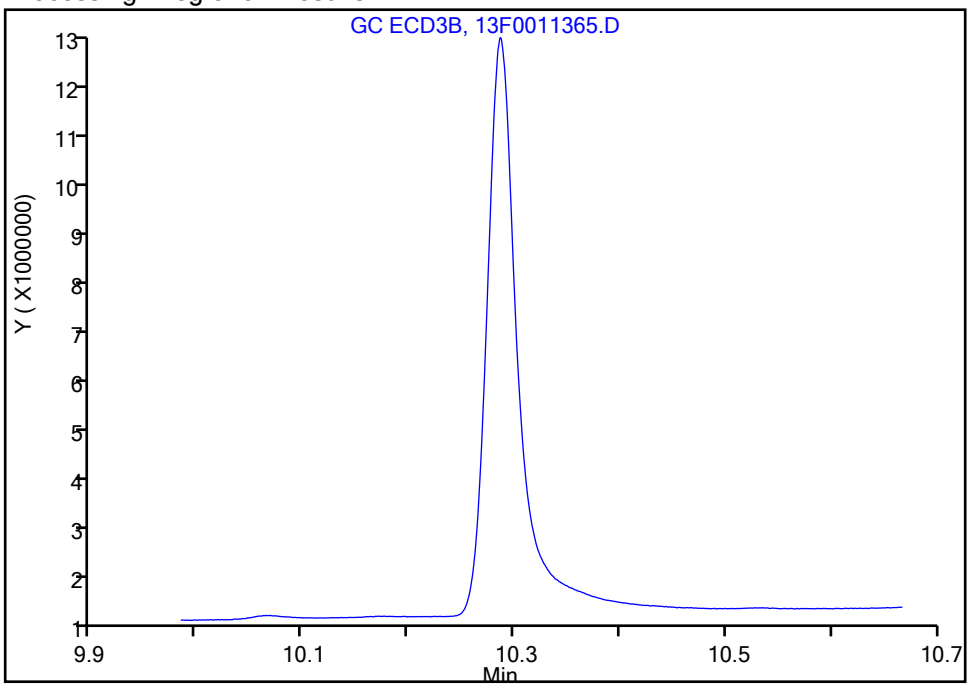
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011365.D				
Injection Date:	03-May-2021 15:43:21	Instrument ID:	CPESTGC13		
Lims ID:	460-233141-E-4-C	Lab Sample ID:	460-233141-4		
Client ID:	SB-04_4-6_20210428				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

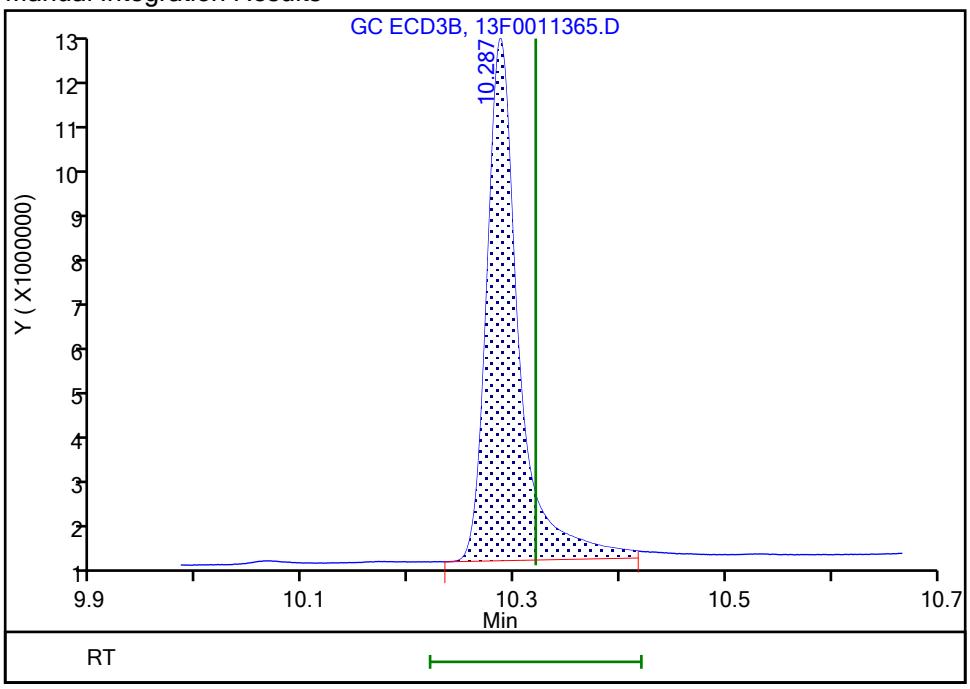
Not Detected
Expected RT: 10.32

Processing Integration Results



RT: 10.29
Area: 22437306
Amount: 56.055203
Amount Units: ug/l

Manual Integration Results



Reviewer: patelji, 03-May-2021 16:04:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 10:43 Calibration End Date: 01/07/2021 11:47 Calibration ID: 83338

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/3	13F0008253.D
Level 2	IC 460-751453/4	13F0008254.D
Level 3	IC 460-751453/2	13F0008252.D
Level 4	IC 460-751453/5	13F0008255.D
Level 5	IC 460-751453/6	13F0008256.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0180	0.0166	0.0155	0.0172	0.0150	Ave		0.0164				7.3		20.0			
PCB-1016 Peak 2	0.0355	0.0342	0.0317	0.0356	0.0312	Ave		0.0336				6.1		20.0			
PCB-1016 Peak 3	0.0656	0.0667	0.0639	0.0732	0.0655	Ave		0.0670				5.4		20.0			
PCB-1016 Peak 4	0.0261	0.0279	0.0265	0.0297	0.0256	Ave		0.0272				6.1		20.0			
PCB-1016 Peak 5	0.0157	0.0165	0.0158	0.0181	0.0165	Ave		0.0165				5.9		20.0			
PCB-1016 Peak 6	0.0204	0.0204	0.0195	0.0221	0.0198	Ave		0.0204				4.8		20.0			
PCB-1016 Peak 7	0.0240	0.0238	0.0226	0.0254	0.0229	Ave		0.0238				4.7		20.0			
PCB-1016 Peak 8	0.0207	0.0199	0.0188	0.0211	0.0188	Ave		0.0198				5.2		20.0			
PCB-1260 Peak 1	0.0195	0.0198	0.0186	0.0214	0.0190	Ave		0.0197				5.4		20.0			
PCB-1260 Peak 2	0.0439	0.0446	0.0420	0.0484	0.0433	Ave		0.0444				5.5		20.0			
PCB-1260 Peak 3	0.0494	0.0505	0.0477	0.0552	0.0496	Ave		0.0505				5.6		20.0			
PCB-1260 Peak 4	0.0348	0.0357	0.0335	0.0383	0.0343	Ave		0.0353				5.3		20.0			
PCB-1260 Peak 5	0.0346	0.0372	0.0349	0.0397	0.0359	Ave		0.0365				5.7		20.0			
PCB-1260 Peak 6	0.0696	0.0826	0.0795	0.0919	0.0835	Ave		0.0814				9.9		20.0			
PCB-1260 Peak 7	0.0472	0.0522	0.0501	0.0583	0.0530	Ave		0.0522				7.8		20.0			
PCB-1260 Peak 8	0.0169	0.0189	0.0178	0.0202	0.0187	Ave		0.0185				6.8		20.0			
Tetrachloro-m-xylene	0.8917	0.9795	0.9179	1.0371	0.9323	Ave		0.9517				6.0		20.0			
DCB Decachlorobiphenyl	0.5878	0.6242	0.5820	0.6667	0.6023	Ave		0.6126				5.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 10:43 Calibration End Date: 01/07/2021 11:47 Calibration ID: 83338

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/3	13F0008253.D
Level 2	IC 460-751453/4	13F0008254.D
Level 3	IC 460-751453/2	13F0008252.D
Level 4	IC 460-751453/5	13F0008255.D
Level 5	IC 460-751453/6	13F0008256.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	961588	9400281	16966103	27937067	41814545	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	1897511	19328234	34786306	58007705	86924801	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	3509495	37722516	70071415	119209771	182220068	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	1398775	15748190	29065878	48334459	71170089	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	840483	9320228	17304031	29492127	45850546	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	1089823	11511829	21418651	35920143	55121665	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	1286458	13473096	24803023	41427753	63591994	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	1105995	11225223	20613702	34319659	52401947	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	1040945	11215189	20401674	34792024	52899145	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	2351678	25183590	46042672	78894592	120466794	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	2643186	28561020	52331490	89859221	137854935	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	1859756	20161282	36705759	62398303	95435237	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	1853360	21039498	38303172	64657973	99945876	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	3726071	46689112	87267599	149669241	232318865	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	2527927	29500048	54985434	94939798	147519745	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	903238	10674469	19554650	32946137	52008149	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	11929246	55365770	100710790	168873762	207490644	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	7863399	35281824	63851393	108568394	134050476	12.5	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008252.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 07-Jan-2021 10:43:59 ALS Bottle#: 6 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 3
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 14:59:35 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 11:14:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.694	1.694	0.000	21943880	20.0	20.0	
2	1.404	1.404	0.000	16549019	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.669	2.669	0.000	100710790	100.0	96.4	M
2	2.054	2.054	0.000	78828799	100.0	97.9	M
						RPD = 1.45	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.283	3.283	0.000	16966103	1000.0	940.0	M
1	3.791	3.791	0.000	34786306	1000.0	942.3	M
1	4.362	4.362	0.000	70071415	1000.0	953.5	M
1	4.531	4.531	0.000	29065878	1000.0	975.7	M
1	4.656	4.656	0.000	17304031	1000.0	955.2	M
1	5.119	5.119	0.000	21418651	1000.0	955.8	M
1	5.270	5.270	0.000	24803023	1000.0	951.6	M
1	5.657	5.657	0.000	20613702	1000.0	946.7	M
		Average of Peak Amounts =				952.6	
2	2.432	2.432	0.000	13526244	1000.0	941.5	M
2	2.811	2.811	0.000	25760139	1000.0	938.7	M
2	3.030	3.030	0.000	17526992	1000.0	947.5	M
2	3.324	3.324	0.000	54560066	1000.0	961.3	M
2	3.474	3.474	0.000	22446204	1000.0	954.6	M
2	3.543	3.543	0.000	14264541	1000.0	968.1	M
2	3.944	3.944	0.000	22607966	1000.0	930.3	M
2	4.387	4.387	0.000	12423637	1000.0	931.1	M
		Average of Peak Amounts =				946.6	
						RPD = 0.63	
8 PCB-1260							M
1	6.666	6.666	0.000	20401674	1000.0	946.1	M
1	6.926	6.926	0.000	46042672	1000.0	944.2	M
1	7.299	7.299	0.000	52331490	1000.0	945.0	M
1	8.146	8.146	0.000	36705759	1000.0	947.7	M
1	8.747	8.747	0.000	38303172	1000.0	957.0	M
1	9.325	9.325	0.000	87267599	1000.0	976.7	M
1	9.929	9.929	0.000	54985434	1000.0	960.5	M
1	10.619	10.619	0.000	19554650	1000.0	963.2	M
		Average of Peak Amounts =				955.1	
2	5.379	5.379	0.000	33486286	1000.0	943.5	M
2	5.728	5.728	0.000	62284368	1000.0	949.0	M
2	6.268	6.268	0.000	28305514	1000.0	947.2	M
2	6.629	6.629	0.000	30726345	1000.0	953.1	M
2	7.141	7.141	0.000	75894462	1000.0	977.8	M
2	7.628	7.628	0.000	34241461	1000.0	959.3	M
2	7.787	7.787	0.000	20996194	1000.0	933.3	M
2	8.882	8.882	0.000	17733090	1000.0	937.4	M
		Average of Peak Amounts =				950.1	
						RPD = 0.52	
$ 11 DCB Decachlorobiphenyl							M
1	11.173	11.173	0.000	63851393	100.0	95.0	
2	9.793	9.793	0.000	62103270	100.0	95.0	M
						RPD = 0.02	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L3_00038	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 14:59:35 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008252.D

Injection Date: 07-Jan-2021 10:43:59 Instrument ID: CPESTGC13 Operator ID:

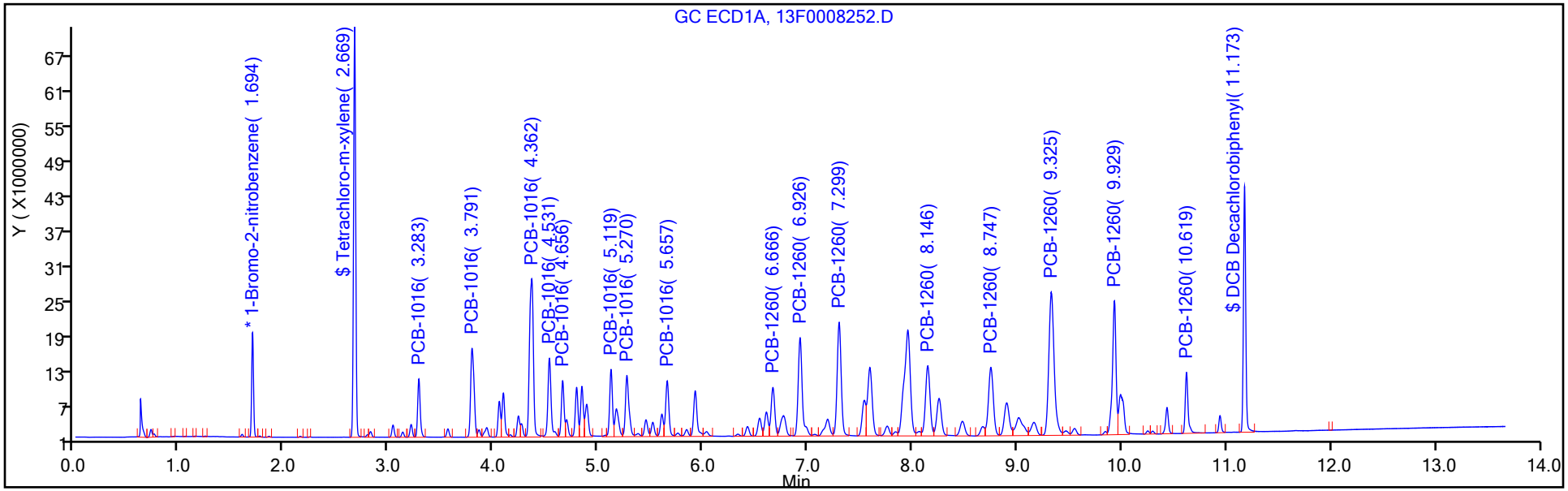
Lims ID: IC PCB 3 Worklist Smp#: 2

Client ID:

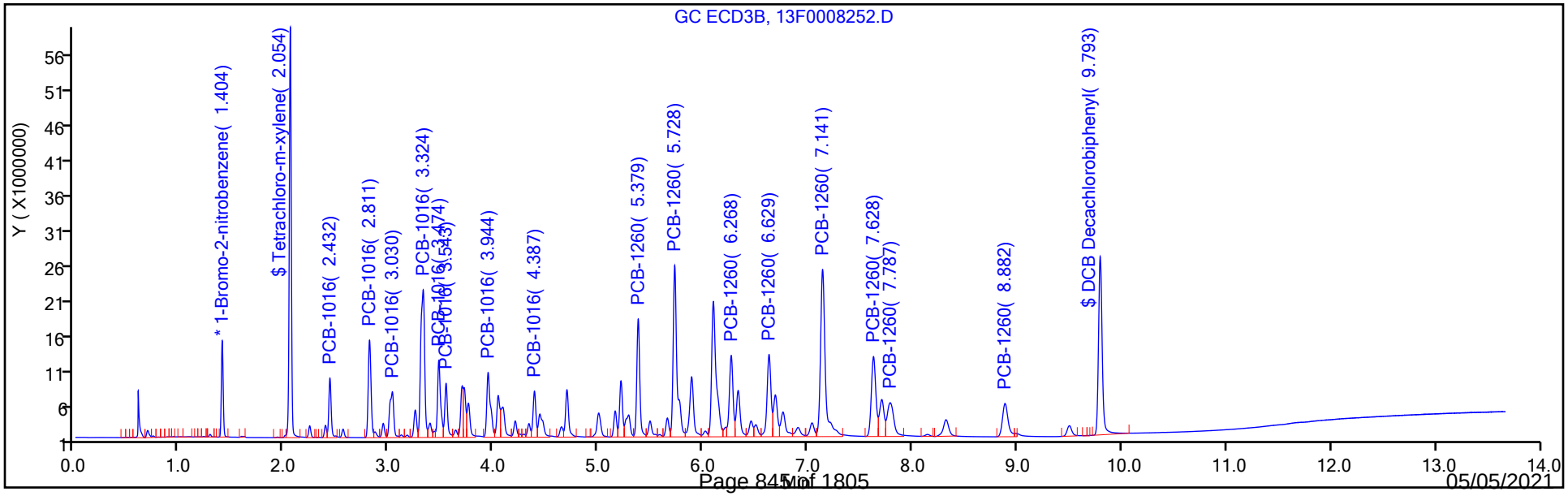
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

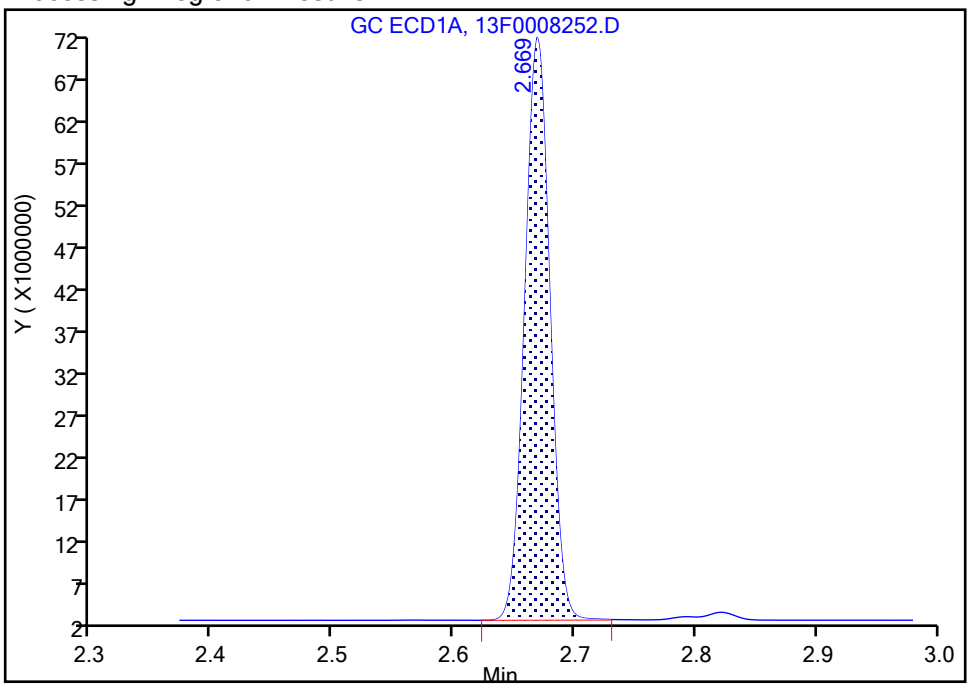
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008252.D				
Injection Date:	07-Jan-2021 10:43:59	Instrument ID:	CPESTGC13		
Lims ID:	IC PCB 3				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 1

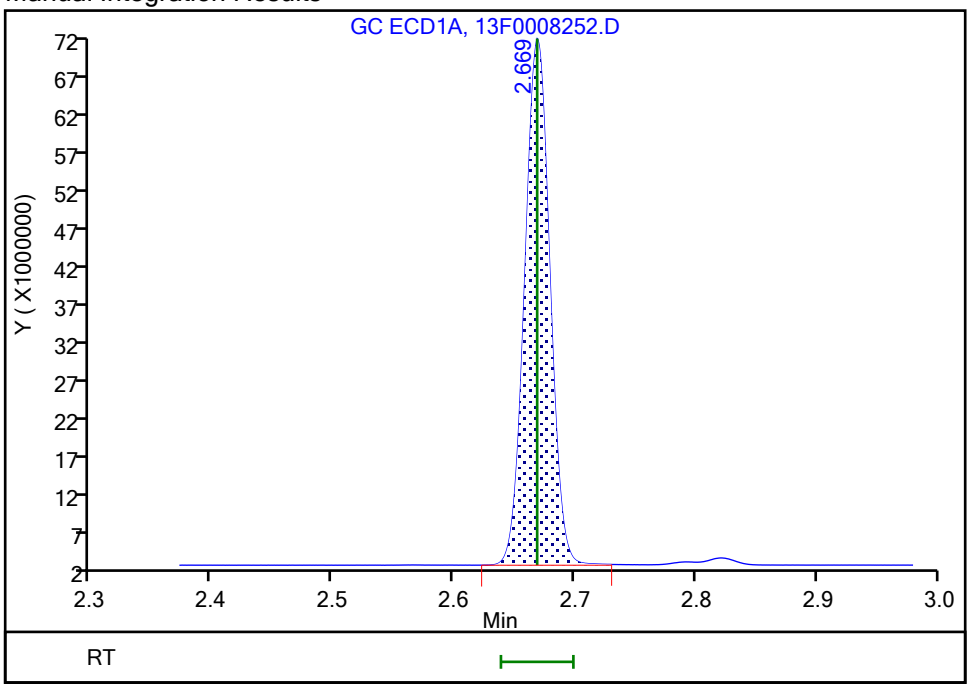
Processing Integration Results

RT: 2.67
Area: 100582133
Amount: 96.439926
Amount Units: ug/l



Manual Integration Results

RT: 2.67
Area: 100710790
Amount: 96.449228
Amount Units: ug/l



Reviewer: patelji, 07-Jan-2021 13:27:07

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Report Date: 07-Jan-2021 14:59:36 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008252.D

Injection Date: 07-Jan-2021 10:43:59 Instrument ID: CPESTGC13

Lims ID: IC PCB 3

Client ID:

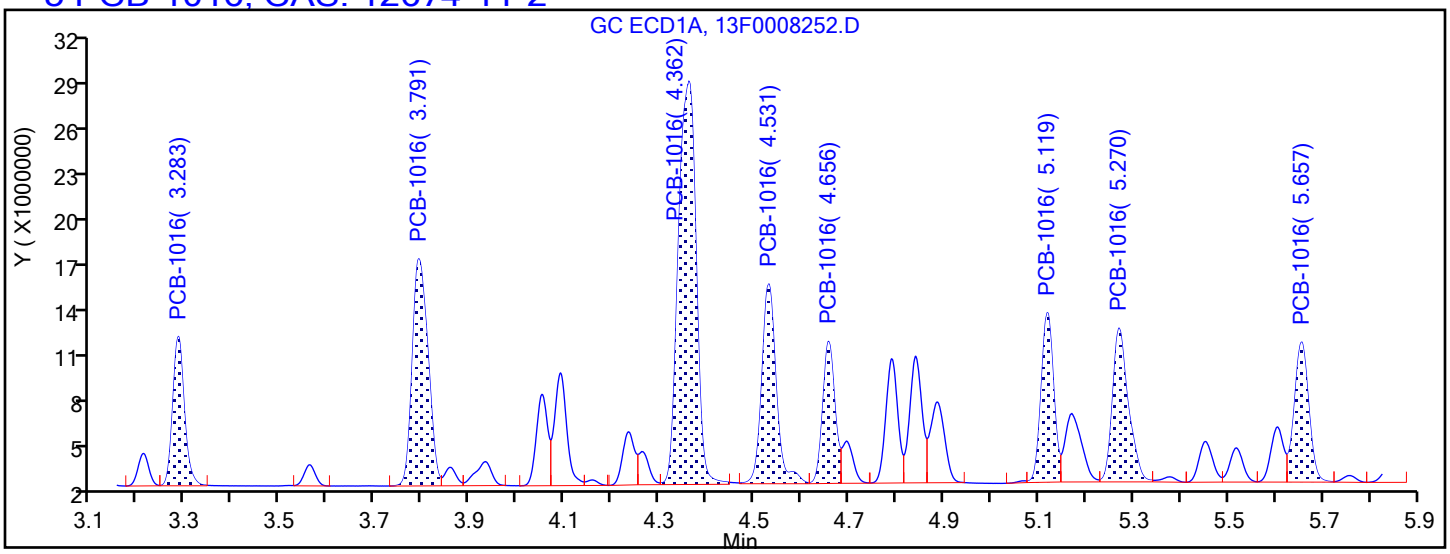
Operator ID: ALS Bottle#: 6 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

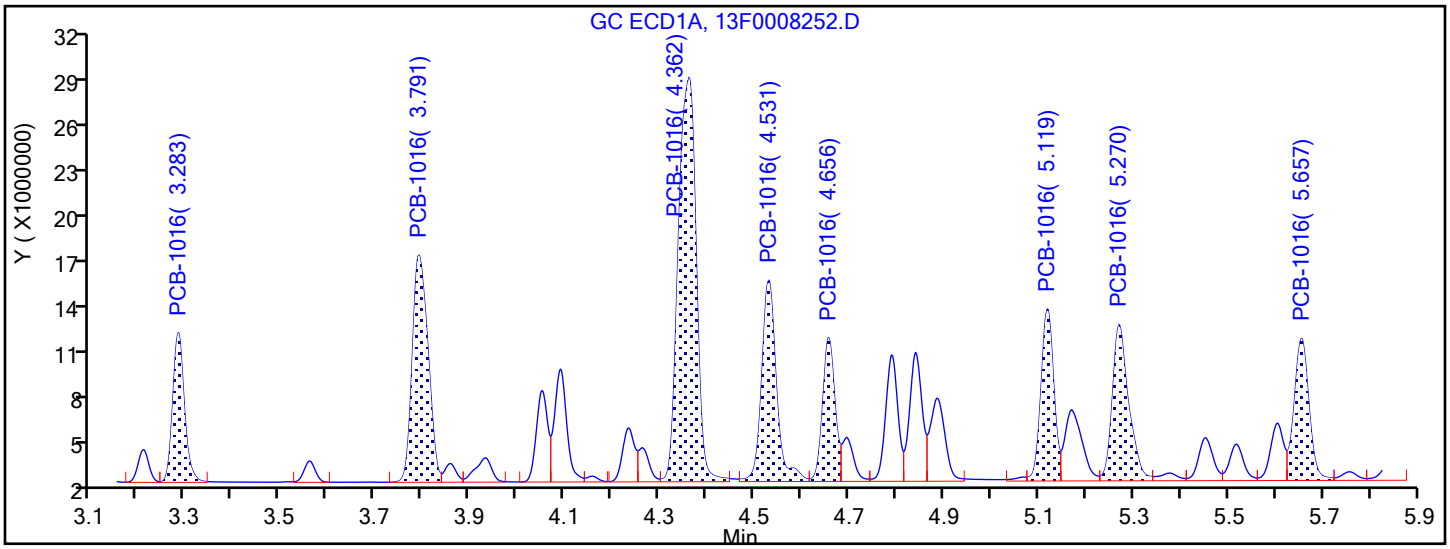
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.283	Response = 16832156
3.791	Response = 34741845
4.362	Response = 69464815
4.531	Response = 28121628
4.656	Response = 16846484
5.119	Response = 20709059
5.270	Response = 23598202
5.657	Response = 19782005



Manual Integration Results

3.283	Response = 16966103	M
3.791	Response = 34786306	M
4.362	Response = 70071415	M
4.531	Response = 29065878	M
4.656	Response = 17304031	M
5.119	Response = 21418651	M

Report Date: 07-Jan-2021 14:59:36 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008252.D

Injection Date: 07-Jan-2021 10:43:59 Instrument ID: CPESTGC13

Lims ID: IC PCB 3

Client ID:

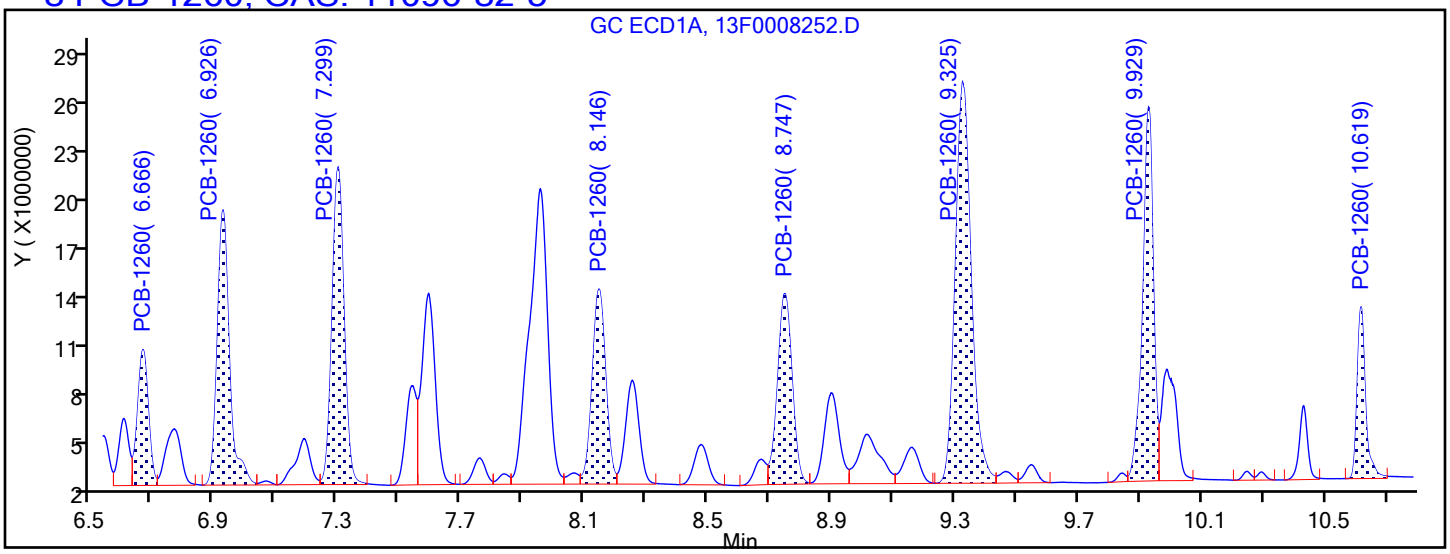
Operator ID: ALS Bottle#: 6 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

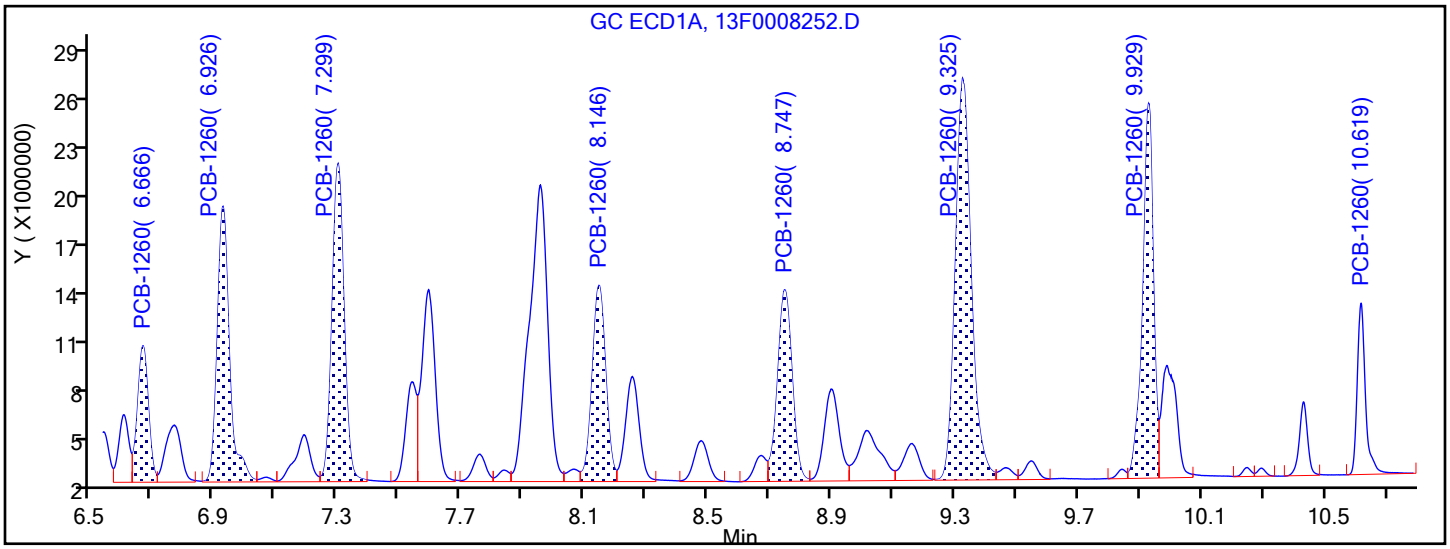
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.666	Response = 20222758
6.926	Response = 45581619
7.299	Response = 51847998
8.146	Response = 36153506
8.747	Response = 37882619
9.325	Response = 86859228
9.929	Response = 54629017
10.619	Response = 19502832



Manual Integration Results

6.666	Response = 20401674	M
6.926	Response = 46042672	M
7.299	Response = 52331490	M
8.146	Response = 36705759	M
8.747	Response = 38303172	M
9.325	Response = 87267599	M

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008253.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 07-Jan-2021 10:59:44 ALS Bottle#: 7 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 1
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 14:59:42 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 13:23:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.693	1.694	-0.001	21404244	20.0	20.0	
2	1.403	1.404	-0.001	16244298	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.668	2.669	-0.001	11929246	12.5	11.7	M
2	2.053	2.054	-0.001	8914200	12.5	11.3	
						RPD = 3.82	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.283	3.283	0.000	961588	50.0	54.6	M
1	3.790	3.791	-0.001	1897511	50.0	52.7	M
1	4.361	4.362	-0.001	3509495	50.0	49.0	M
1	4.528	4.531	-0.003	1398775	50.0	48.1	M
1	4.657	4.656	0.001	840483	50.0	47.6	M
1	5.120	5.119	0.001	1089823	50.0	49.9	M
1	5.269	5.270	-0.001	1286458	50.0	50.6	M
1	5.655	5.657	-0.002	1105995	50.0	52.1	M
		Average of Peak Amounts =				50.6	
2	2.434	2.432	0.002	799049	50.0	56.7	M
2	2.811	2.811	0.000	1440055	50.0	53.5	M
2	3.030	3.030	0.000	946182	50.0	52.1	M
2	3.322	3.324	-0.002	2560605	50.0	46.0	
2	3.473	3.474	-0.001	1122897	50.0	48.6	M
2	3.542	3.543	-0.001	661052	50.0	45.7	M
2	3.944	3.944	0.000	1274751	50.0	53.4	M
2	4.387	4.387	0.000	690998	50.0	52.8	M
		Average of Peak Amounts =				51.1	
						RPD = 1.04	
8 PCB-1260							M
1	6.668	6.666	0.002	1040945	50.0	49.5	M
1	6.927	6.926	0.001	2351678	50.0	49.4	M
1	7.301	7.299	0.002	2643186	50.0	48.9	M
1	8.147	8.146	0.001	1859756	50.0	49.2	M
1	8.749	8.747	0.002	1853360	50.0	47.5	M
1	9.328	9.325	0.003	3726071	50.0	42.8	
1	9.929	9.929	0.000	2527927	50.0	45.3	M
1	10.619	10.619	0.000	903238	50.0	45.6	M
		Average of Peak Amounts =				47.3	
2	5.381	5.379	0.002	1713607	50.0	49.2	M
2	5.729	5.728	0.001	3127729	50.0	48.6	M
2	6.269	6.268	0.001	1438052	50.0	49.0	M
2	6.630	6.629	0.001	1500533	50.0	47.4	M
2	7.141	7.141	0.000	3493292	50.0	45.9	M
2	7.629	7.628	0.001	1579048	50.0	45.1	M
2	7.789	7.787	0.002	1170321	50.0	53.0	M
2	8.886	8.882	0.004	977723	50.0	52.7	M
		Average of Peak Amounts =				48.8	
						RPD = 3.26	
$ 11 DCB Decachlorobiphenyl							M
1	11.174	11.173	0.001	7863399	12.5	12.0	M
2	9.796	9.793	0.003	7788390	12.5	12.1	M
						RPD = 1.21	
S 12 Polychlorinated biphenyls, Total							
1						97.8	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L1_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 14:59:42 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008253.D

Injection Date: 07-Jan-2021 10:59:44 Instrument ID: CPESTGC13 Operator ID:

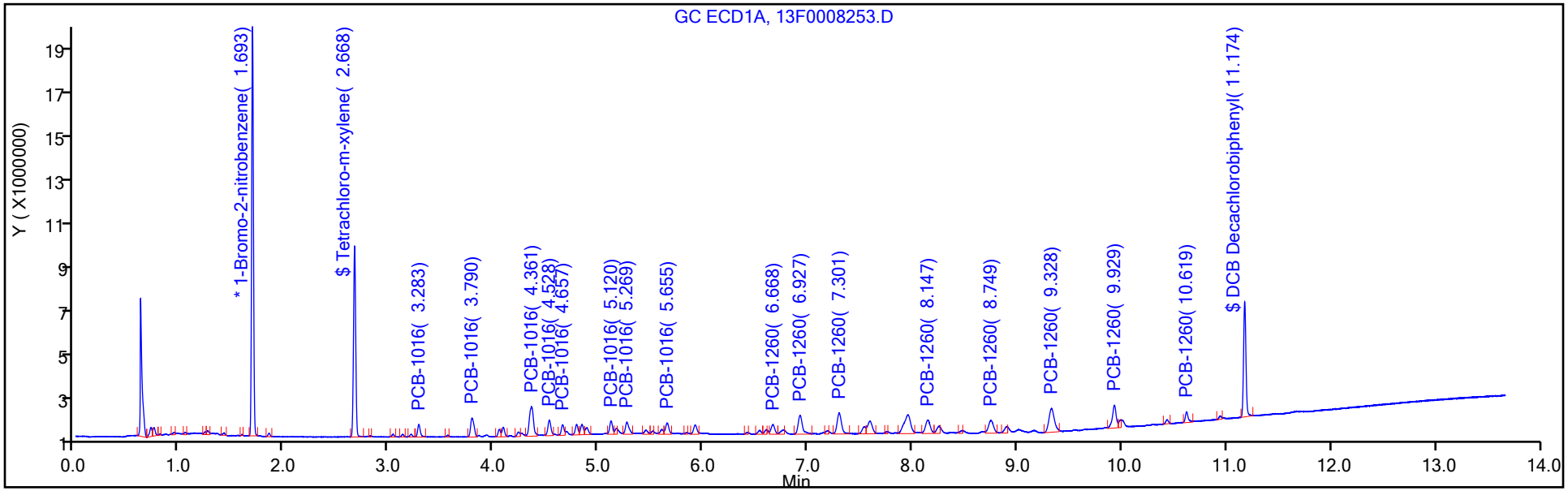
Lims ID: IC PCB 1 Worklist Smp#: 3

Client ID:

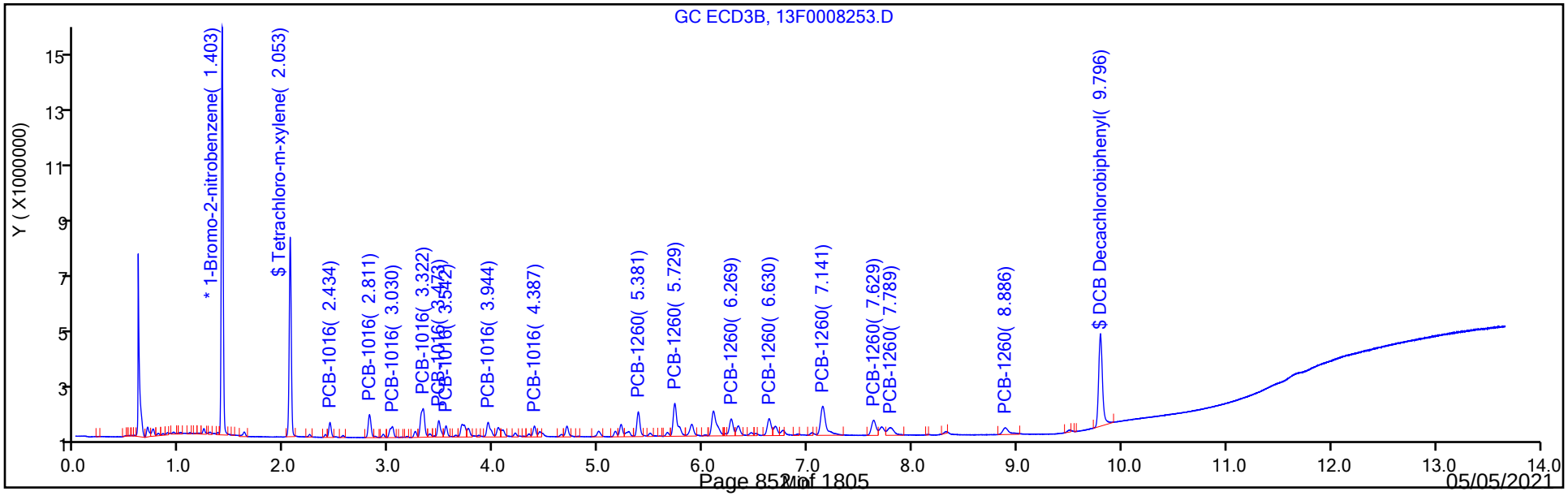
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

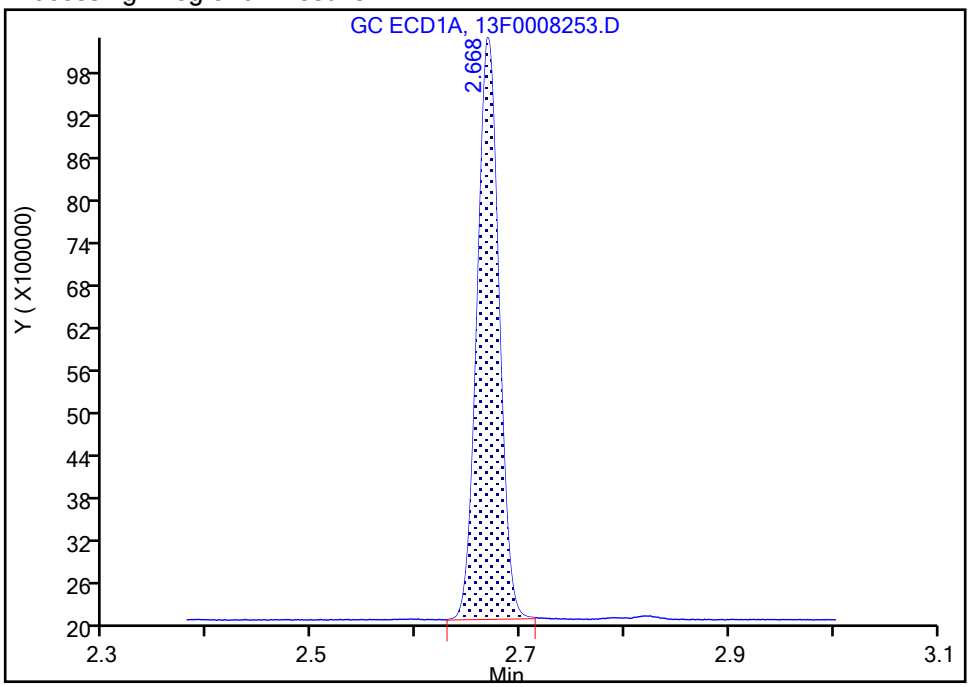
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008253.D
Injection Date: 07-Jan-2021 10:59:44 Instrument ID: CPESTGC13
Lims ID: IC PCB 1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

$ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 1

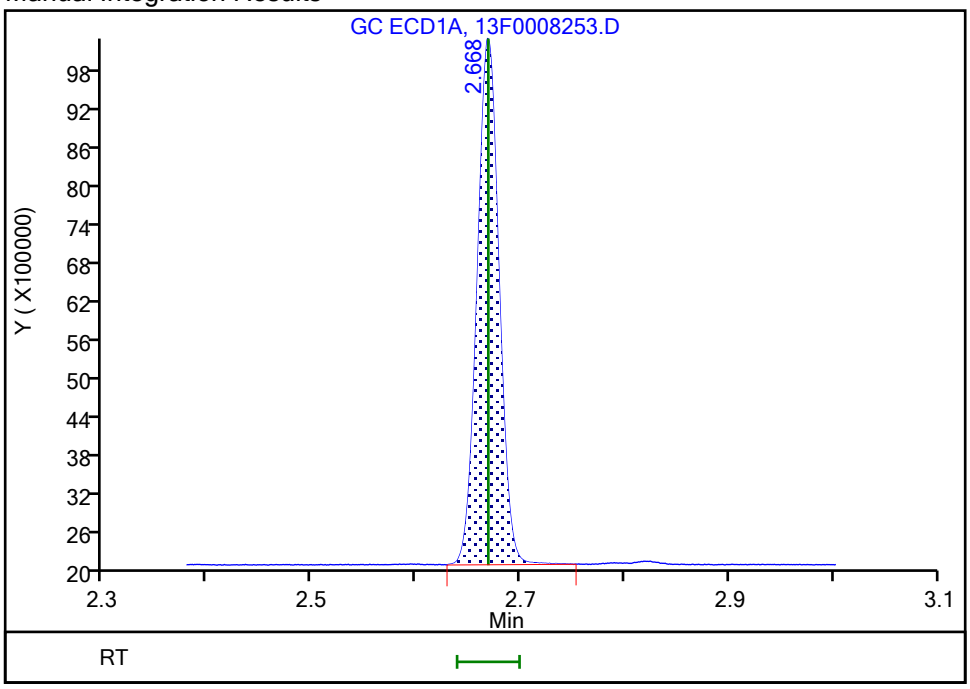
Processing Integration Results

RT: 2.67
Area: 11869744
Amount: 11.664974
Amount Units: ug/l



Manual Integration Results

RT: 2.67
Area: 11929246
Amount: 11.712491
Amount Units: ug/l



Reviewer: patelji, 07-Jan-2021 13:28:57
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Report Date: 07-Jan-2021 14:59:43 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008253.D

Injection Date: 07-Jan-2021 10:59:44 Instrument ID: CPESTGC13

Lims ID: IC PCB 1

Client ID:

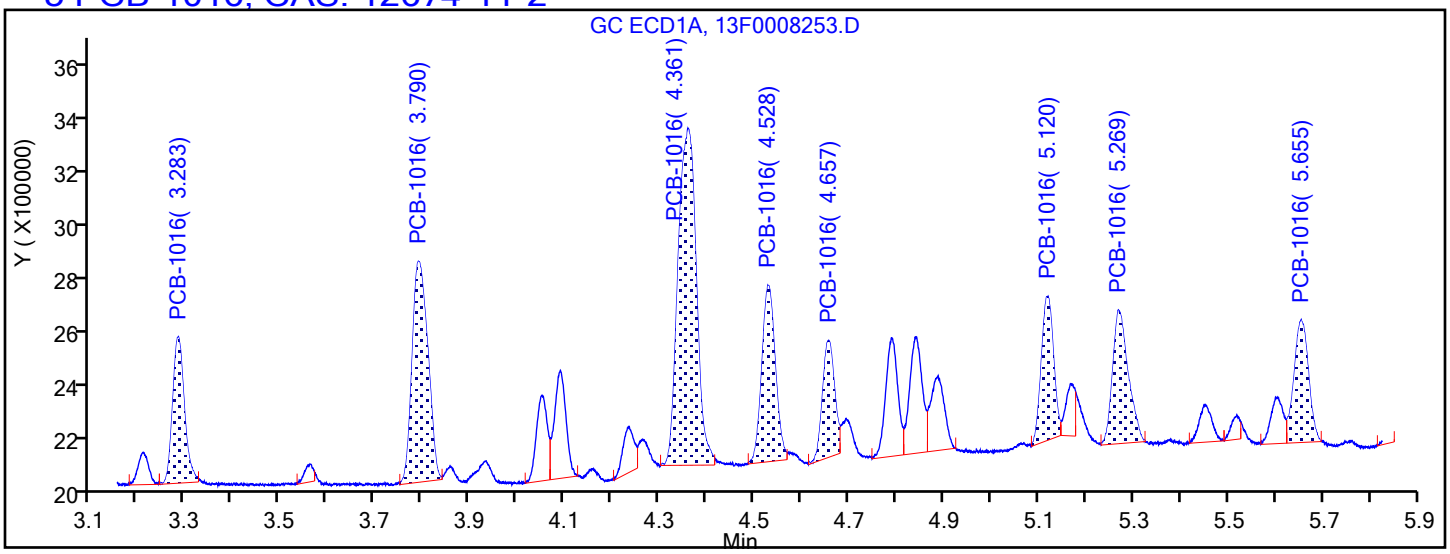
Operator ID: ALS Bottle#: 7 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

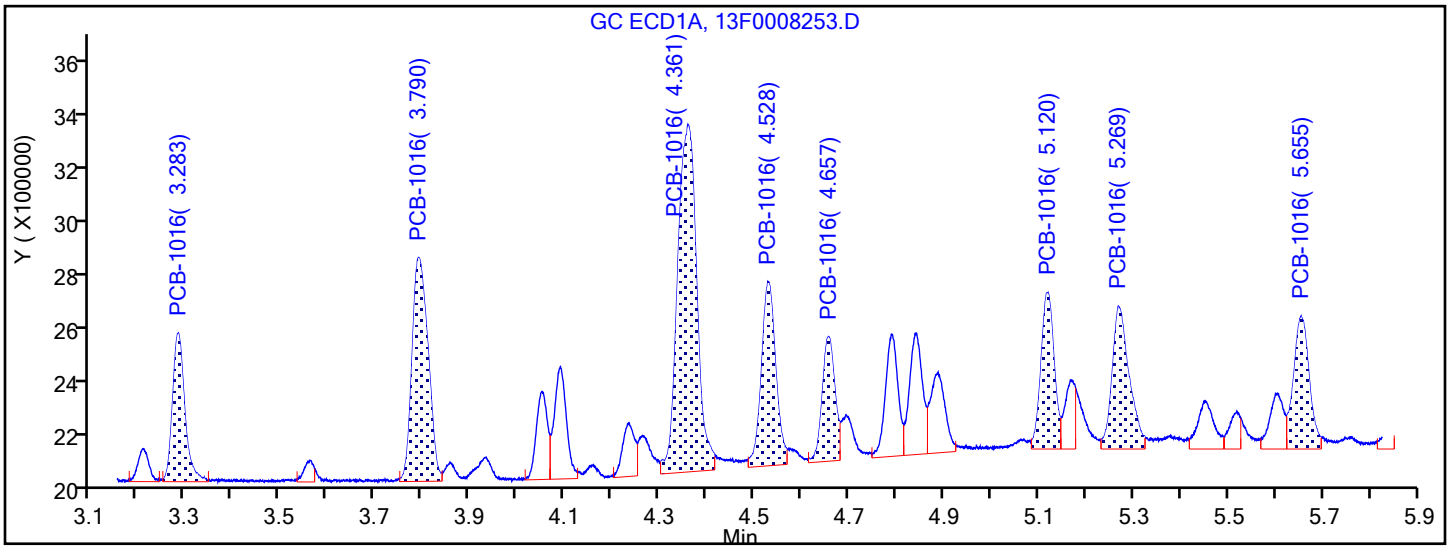
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.283	Response = 907533
3.790	Response = 1837031
4.361	Response = 3247906
4.528	Response = 1258892
4.657	Response = 747375
5.120	Response = 929245
5.269	Response = 1094944
5.655	Response = 940157



Manual Integration Results

3.283	Response = 961588	M
3.790	Response = 1897511	M
4.361	Response = 3509495	M
4.528	Response = 1398775	M
4.657	Response = 840483	M
5.120	Response = 1089823	M

Report Date: 07-Jan-2021 14:59:43 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008253.D

Injection Date: 07-Jan-2021 10:59:44 Instrument ID: CPESTGC13

Lims ID: IC PCB 1

Client ID:

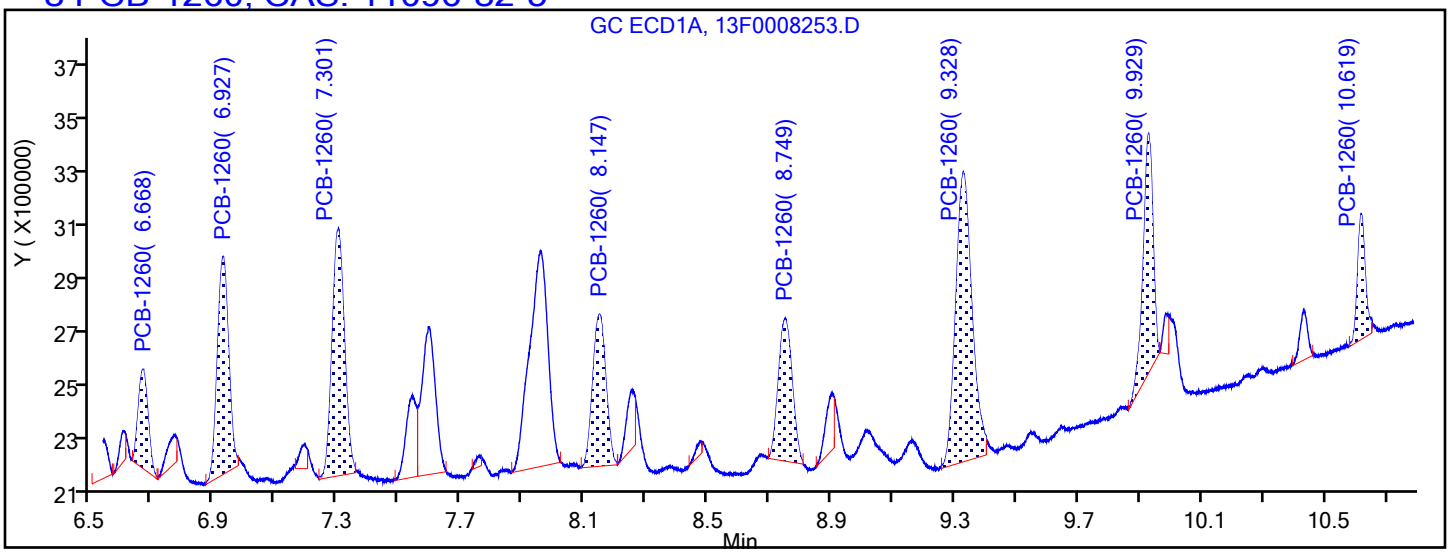
Operator ID: ALS Bottle#: 7 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

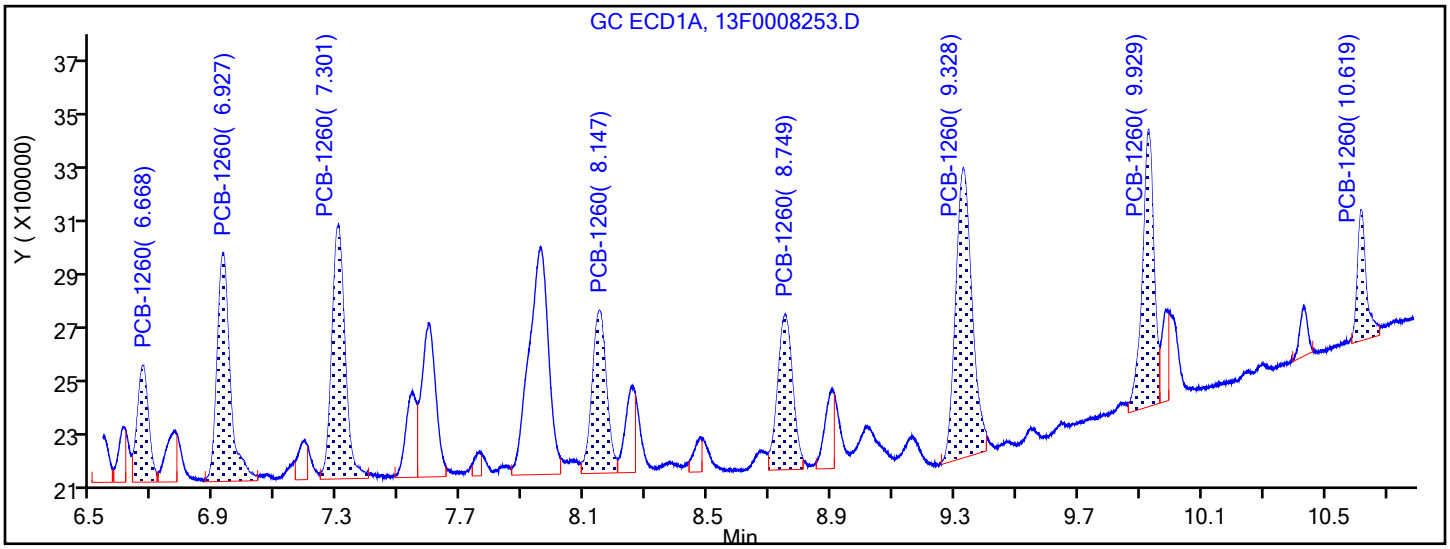
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.668	Response = 764650
6.927	Response = 1944986
7.301	Response = 2406912
8.147	Response = 1588575
8.749	Response = 1558056
9.328	Response = 3726071
9.929	Response = 1867117
10.619	Response = 764000



Manual Integration Results

6.668	Response = 1040945	M
6.927	Response = 2351678	M
7.301	Response = 2643186	M
8.147	Response = 1859756	M
8.749	Response = 1853360	M
9.328	Response = 3726071	

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

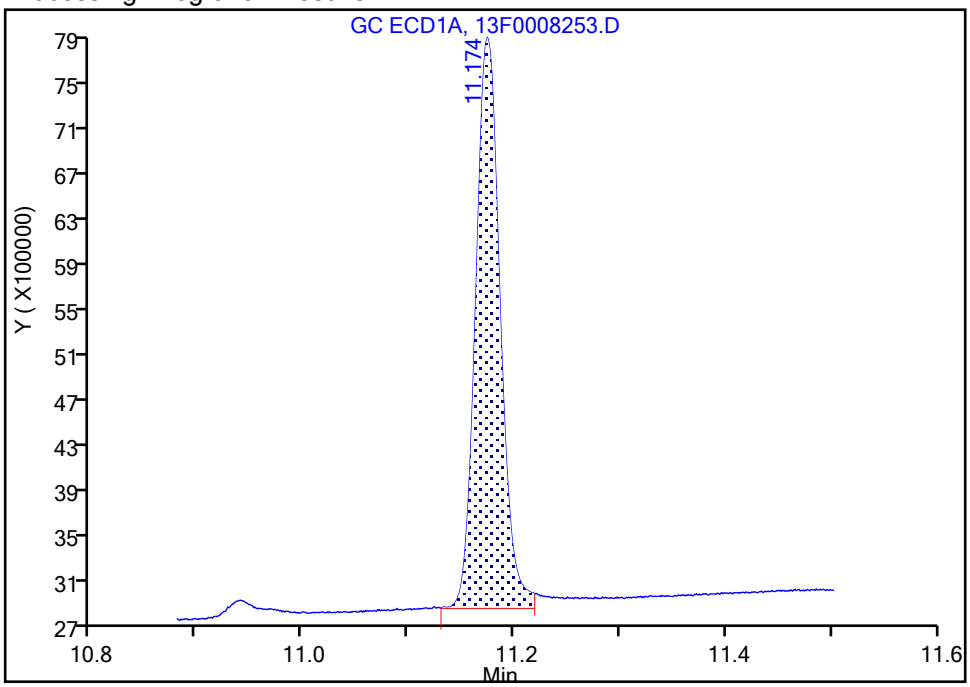
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008253.D
Injection Date: 07-Jan-2021 10:59:44 Instrument ID: CPESTGC13
Lims ID: IC PCB 1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

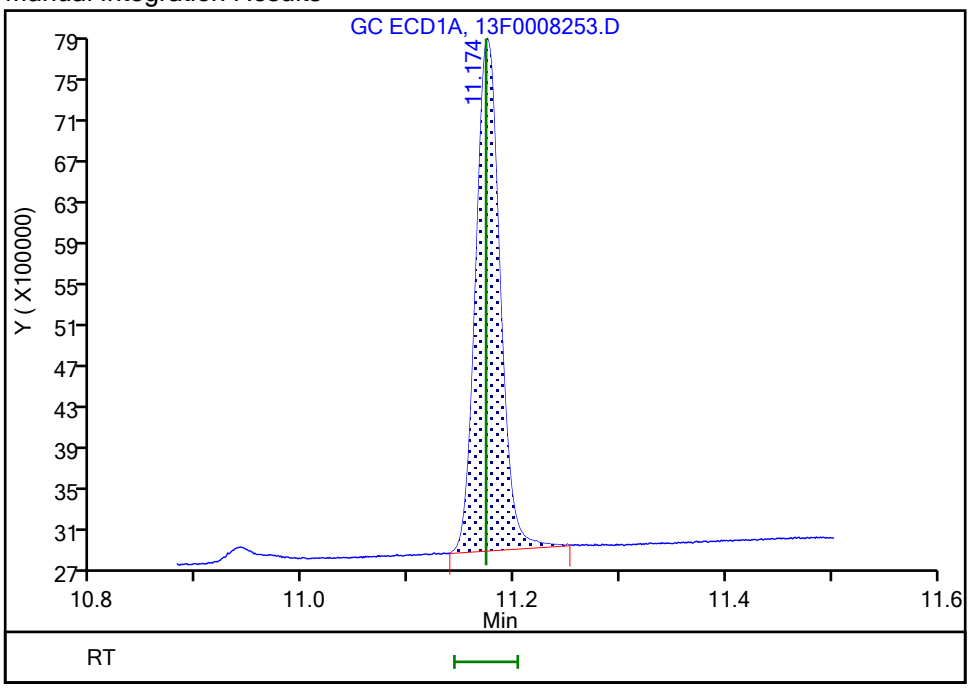
Processing Integration Results

RT: 11.17
Area: 7980570
Amount: 12.138208
Amount Units: ug/l



Manual Integration Results

RT: 11.17
Area: 7863399
Amount: 11.994195
Amount Units: ug/l



Reviewer: patelji, 07-Jan-2021 13:27:48
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008254.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 07-Jan-2021 11:15:29 ALS Bottle#: 8 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-004
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 14:59:49 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 13:23:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.694	1.694	0.000	22610949	20.0	20.0	
2	1.404	1.404	0.000	17028952	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.670	2.669	0.001	55365770	50.0	51.5	
2	2.054	2.054	0.000	42755874	50.0	51.6	M
						RPD = 0.24	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.284	3.283	0.001	9400281	500.0	505.5	
1	3.792	3.791	0.001	19328234	500.0	508.1	
1	4.362	4.362	0.000	37722516	500.0	498.2	M
1	4.531	4.531	0.000	15748190	500.0	513.0	M
1	4.657	4.656	0.001	9320228	500.0	499.3	M
1	5.120	5.119	0.001	11511829	500.0	498.5	M
1	5.272	5.270	0.002	13473096	500.0	501.7	M
1	5.658	5.657	0.001	11225223	500.0	500.3	M
		Average of Peak Amounts =				503.1	
2	2.433	2.432	0.001	7459029	500.0	504.5	M
2	2.813	2.811	0.002	14163937	500.0	501.6	M
2	3.030	3.030	0.000	9707691	500.0	510.0	M
2	3.324	3.324	0.000	28937952	500.0	495.5	M
2	3.474	3.474	0.000	12236349	500.0	505.7	M
2	3.543	3.543	0.000	7838645	500.0	517.0	M
2	3.945	3.944	0.001	12497853	500.0	499.8	M
2	4.388	4.387	0.001	6952127	500.0	506.3	M
		Average of Peak Amounts =				505.1	
						RPD = 0.39	
8 PCB-1260							M
1	6.666	6.666	0.000	11215189	500.0	504.7	M
1	6.926	6.926	0.000	25183590	500.0	501.2	M
1	7.300	7.299	0.001	28561020	500.0	500.5	M
1	8.146	8.146	0.000	20161282	500.0	505.2	M
1	8.751	8.747	0.004	21039498	500.0	510.1	M
1	9.328	9.325	0.003	46689112	500.0	507.1	M
1	9.928	9.929	-0.001	29500048	500.0	500.1	
1	10.616	10.619	-0.003	10674469	500.0	510.3	M
		Average of Peak Amounts =				504.9	
2	5.379	5.379	0.000	18260541	500.0	500.0	M
2	5.728	5.728	0.000	33723805	500.0	499.4	M
2	6.268	6.268	0.000	15423460	500.0	501.6	M
2	6.631	6.629	0.002	16602967	500.0	500.5	M
2	7.143	7.141	0.002	41013773	500.0	513.5	M
2	7.629	7.628	0.001	18032313	500.0	490.9	M
2	7.788	7.787	0.001	11577408	500.0	500.1	M
2	8.886	8.882	0.004	9829710	500.0	505.0	M
		Average of Peak Amounts =				501.4	
						RPD = 0.71	
$ 11 DCB Decachlorobiphenyl							M
1	11.170	11.173	-0.003	35281824	50.0	50.9	
2	9.795	9.793	0.002	34563897	50.0	51.4	M
						RPD = 0.88	
S 12 Polychlorinated biphenyls, Total							
1						1008.0	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L2_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 14:59:49 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008254.D

Injection Date: 07-Jan-2021 11:15:29 Instrument ID: CPESTGC13 Operator ID:

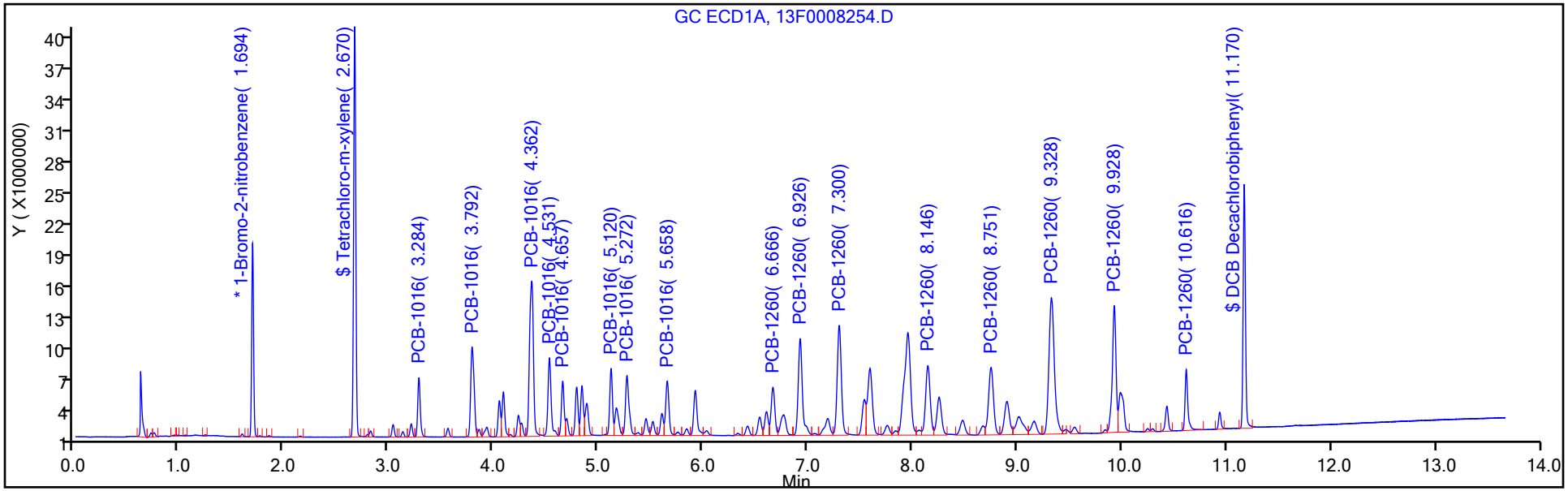
Lims ID: IC PCB 2 Worklist Smp#: 4

Client ID:

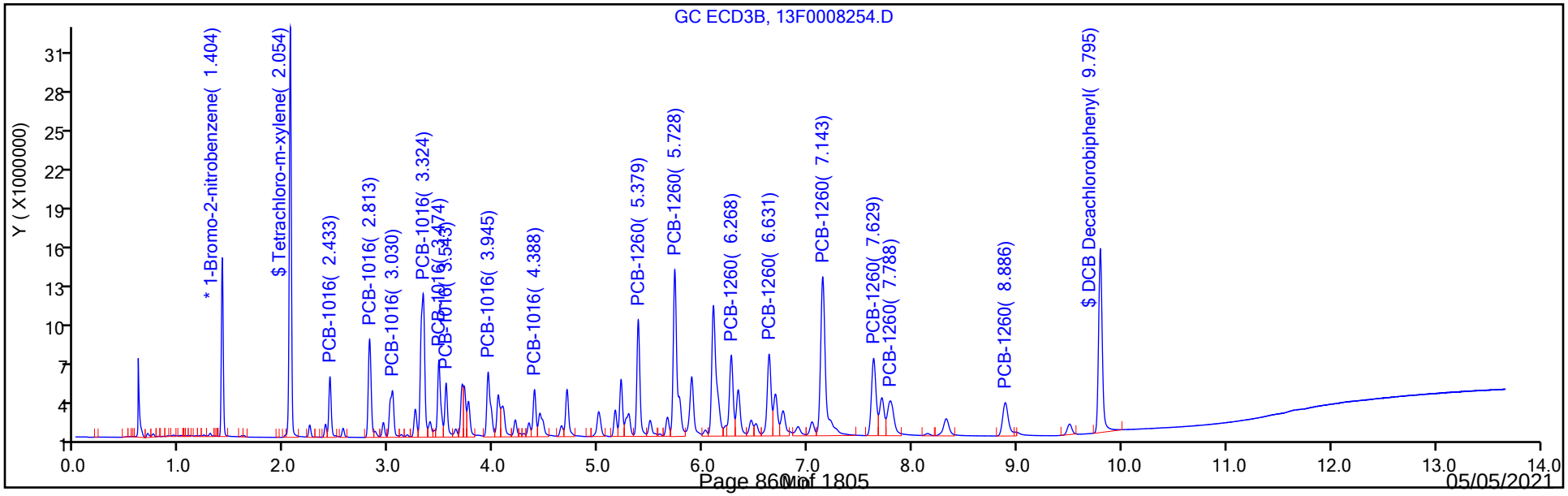
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 14:59:50 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008254.D

Injection Date: 07-Jan-2021 11:15:29 Instrument ID: CPESTGC13

Lims ID: IC PCB 2

Client ID:

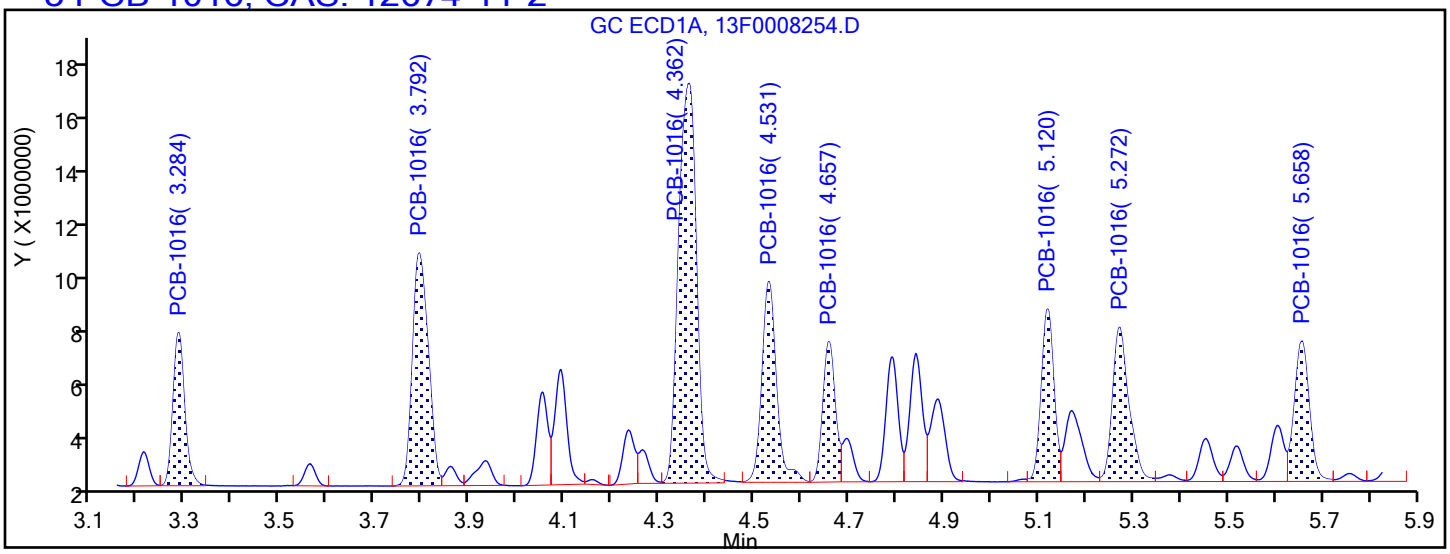
Operator ID: ALS Bottle#: 8 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

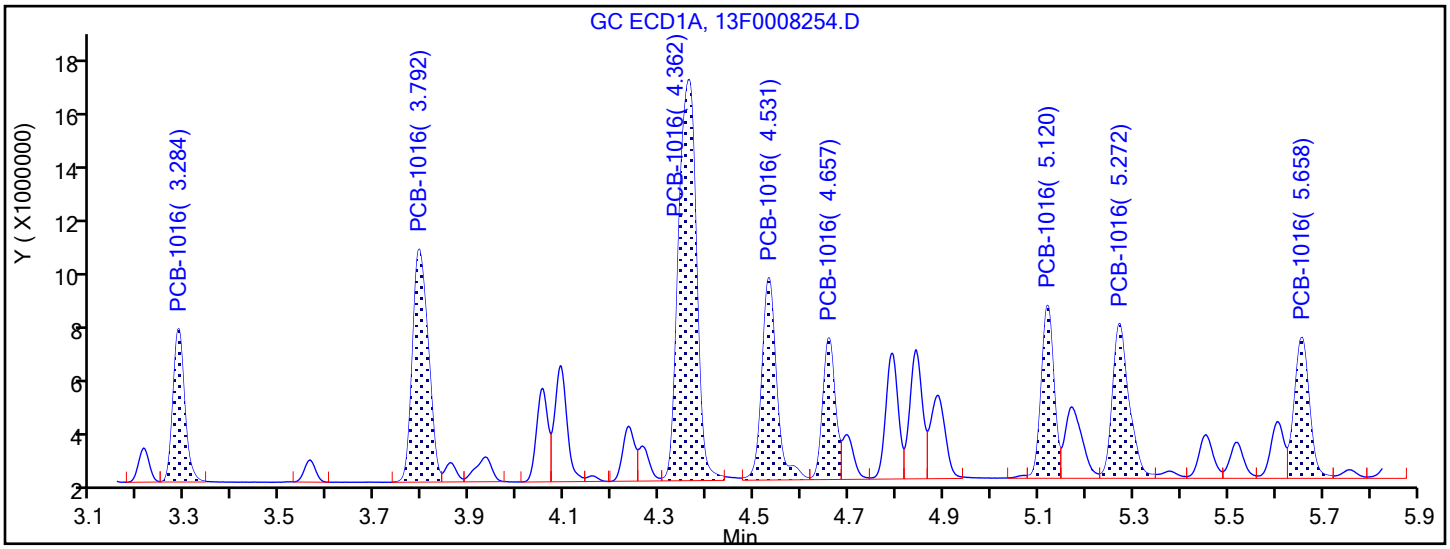
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.284	Response = 9400281
3.792	Response = 19328234
4.362	Response = 37352778
4.531	Response = 15306488
4.657	Response = 9139632
5.120	Response = 11469191
5.272	Response = 13368189
5.658	Response = 11085269



Manual Integration Results

3.284	Response = 9400281	
3.792	Response = 19328234	
4.362	Response = 37722516	M
4.531	Response = 15748190	M
4.657	Response = 9320228	M
5.120	Response = 11511829	M

Report Date: 07-Jan-2021 14:59:50 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008254.D

Injection Date: 07-Jan-2021 11:15:29 Instrument ID: CPESTGC13

Lims ID: IC PCB 2

Client ID:

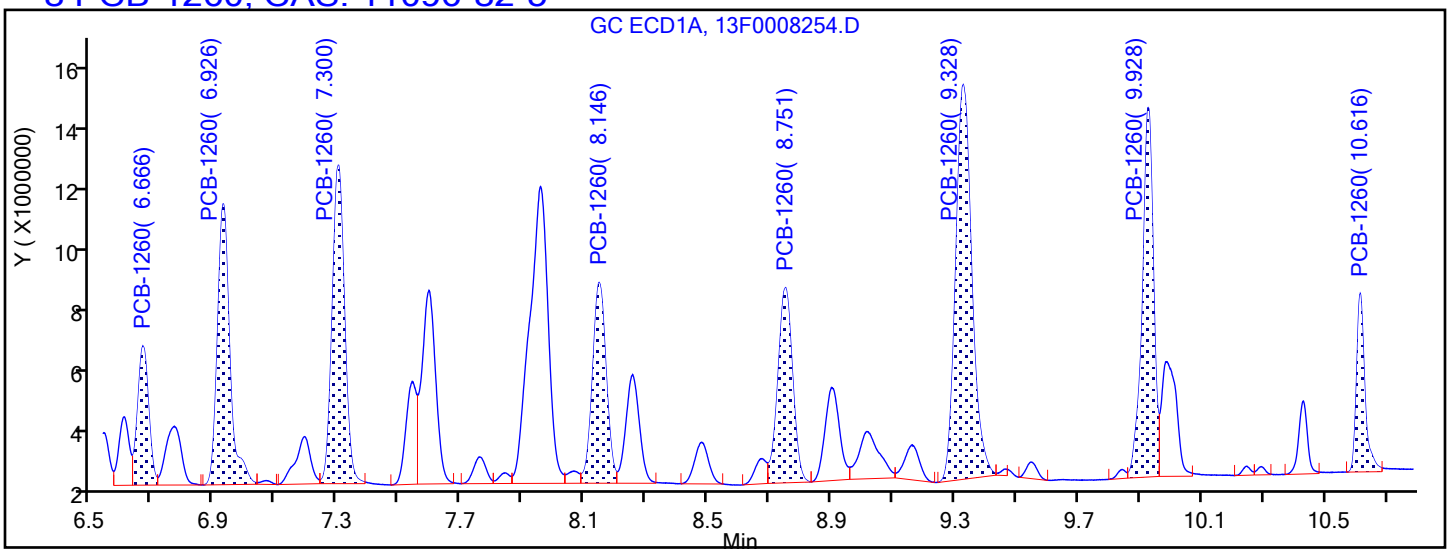
Operator ID: ALS Bottle#: 8 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

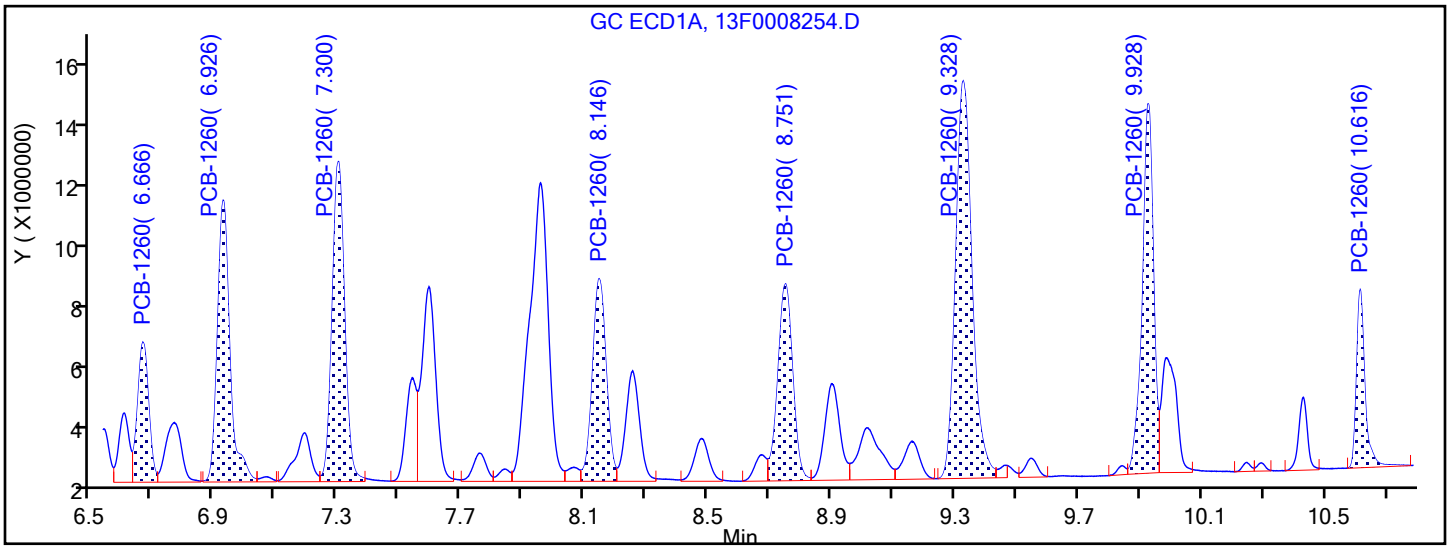
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.666	Response = 11077747
6.926	Response = 24800314
7.300	Response = 28072703
8.146	Response = 19739900
8.751	Response = 20550180
9.328	Response = 45511289
9.928	Response = 29500048
10.616	Response = 10575821



Manual Integration Results

6.666	Response = 11215189	M
6.926	Response = 25183590	M
7.300	Response = 28561020	M
8.146	Response = 20161282	M
8.751	Response = 21039498	M
9.328	Response = 46689112	M

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008255.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 07-Jan-2021 11:31:20 ALS Bottle#: 9 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-005
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 14:59:56 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 13:25:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.693	1.694	-0.001	21711926	20.0	20.0	
2	1.403	1.404	-0.001	16495267	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.669	2.669	0.000	168873762	150.0	163.5	
2	2.053	2.054	-0.001	132336212	150.0	164.8	M
						RPD = 0.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.283	3.283	0.000	27937067	1500.0	1564.4	
1	3.792	3.791	0.001	58007705	1500.0	1588.2	
1	4.361	4.362	-0.001	119209771	1500.0	1639.5	M
1	4.530	4.531	-0.001	48334459	1500.0	1639.8	M
1	4.656	4.656	0.000	29492127	1500.0	1645.3	M
1	5.119	5.119	0.000	35920143	1500.0	1620.0	M
1	5.271	5.270	0.001	41427753	1500.0	1606.4	M
1	5.656	5.657	-0.001	34319659	1500.0	1593.0	M
		Average of Peak Amounts =				1612.1	
2	2.432	2.432	0.000	21978329	1500.0	1534.8	M
2	2.811	2.811	0.000	43237055	1500.0	1580.7	M
2	3.029	3.030	-0.001	29063952	1500.0	1576.3	M
2	3.323	3.324	-0.001	94847351	1500.0	1676.5	M
2	3.473	3.474	-0.001	38175890	1500.0	1628.8	M
2	3.542	3.543	-0.001	24185672	1500.0	1646.7	M
2	3.945	3.944	0.001	38330990	1500.0	1582.5	M
2	4.388	4.387	0.001	21045036	1500.0	1582.3	M
		Average of Peak Amounts =				1601.1	
						RPD = 0.68	
8 PCB-1260							M
1	6.666	6.666	0.000	34792024	1500.0	1630.7	M
1	6.925	6.926	-0.001	78894592	1500.0	1635.2	M
1	7.298	7.299	-0.001	89859221	1500.0	1640.0	M
1	8.145	8.146	-0.001	62398303	1500.0	1628.3	M
1	8.748	8.747	0.001	64657973	1500.0	1632.7	
1	9.327	9.325	0.002	149669241	1500.0	1692.9	
1	9.928	9.929	-0.001	94939798	1500.0	1676.2	
1	10.617	10.619	-0.002	32946137	1500.0	1640.2	M
		Average of Peak Amounts =				1647.0	
2	5.379	5.379	0.000	57830551	1500.0	1634.7	M
2	5.728	5.728	0.000	107333231	1500.0	1640.7	M
2	6.267	6.268	-0.001	48474148	1500.0	1627.5	M
2	6.630	6.629	0.001	52692682	1500.0	1639.8	M
2	7.141	7.141	0.000	132137525	1500.0	1708.0	M
2	7.626	7.628	-0.002	59663020	1500.0	1676.9	M
2	7.786	7.787	-0.001	35242758	1500.0	1571.6	M
2	8.884	8.882	0.002	29823214	1500.0	1581.7	M
		Average of Peak Amounts =				1635.1	
						RPD = 0.73	
$ 11 DCB Decachlorobiphenyl							M
1	11.177	11.173	0.004	108568394	150.0	163.3	
2	9.794	9.793	0.001	106015882	150.0	162.7	M
						RPD = 0.32	
S 12 Polychlorinated biphenyls, Total							
1						3259.1	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 14:59:56 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008255.D

Injection Date: 07-Jan-2021 11:31:20 Instrument ID: CPESTGC13 Operator ID:

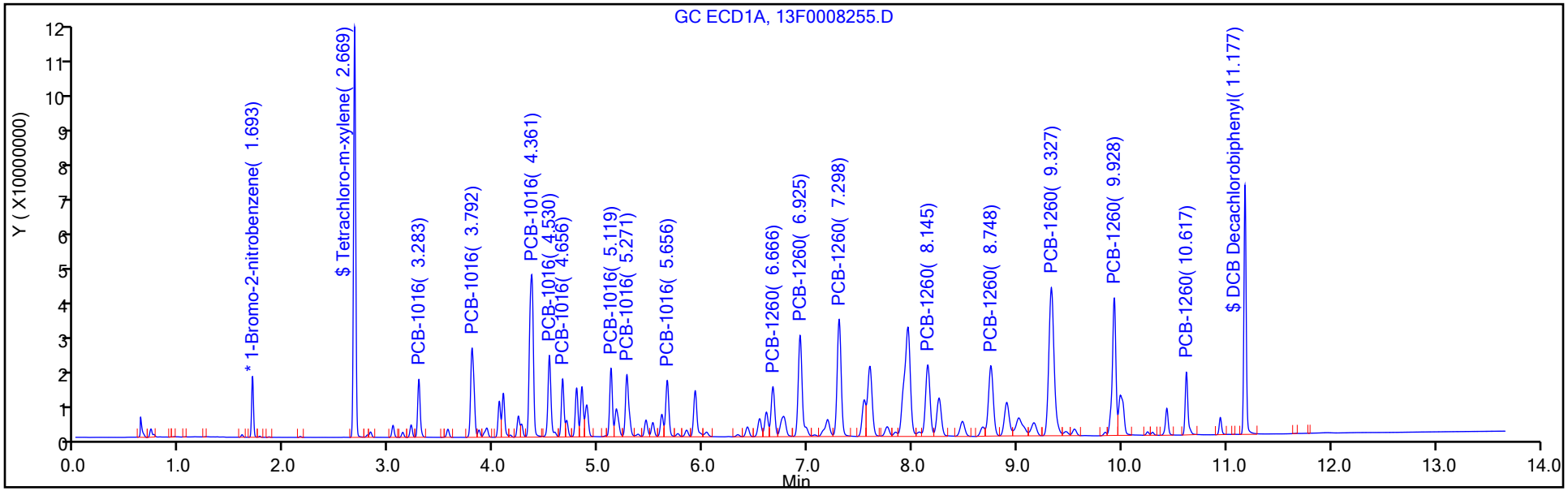
Lims ID: IC PCB 4 Worklist Smp#: 5

Client ID:

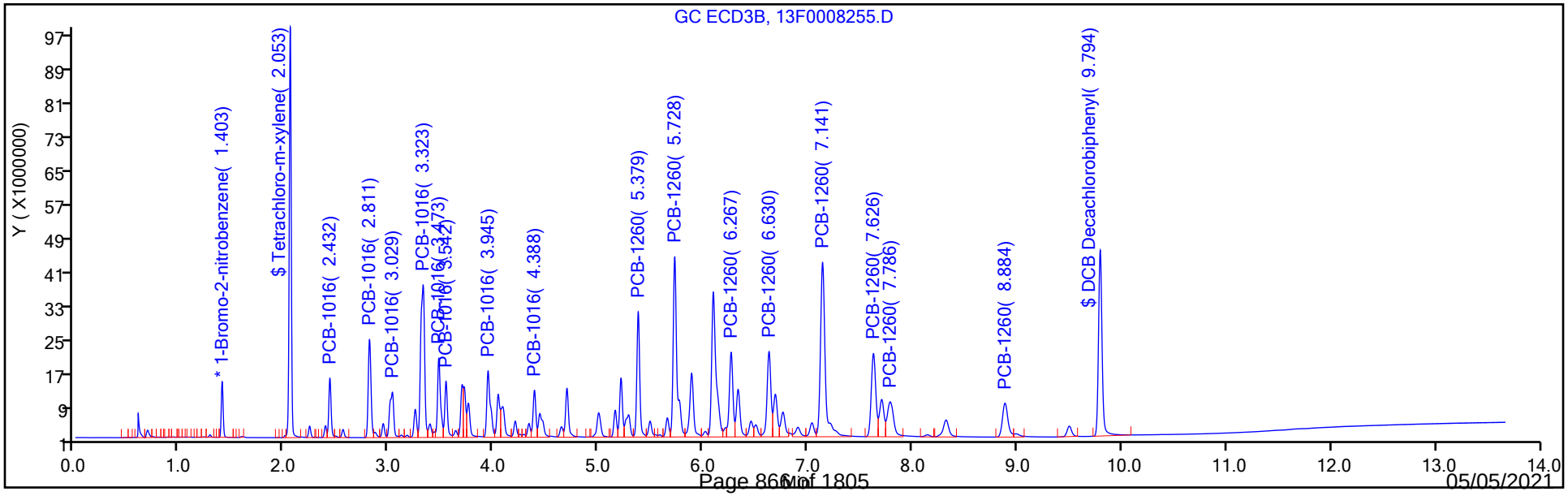
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 14:59:57 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008255.D

Injection Date: 07-Jan-2021 11:31:20 Instrument ID: CPESTGC13

Lims ID: IC PCB 4

Client ID:

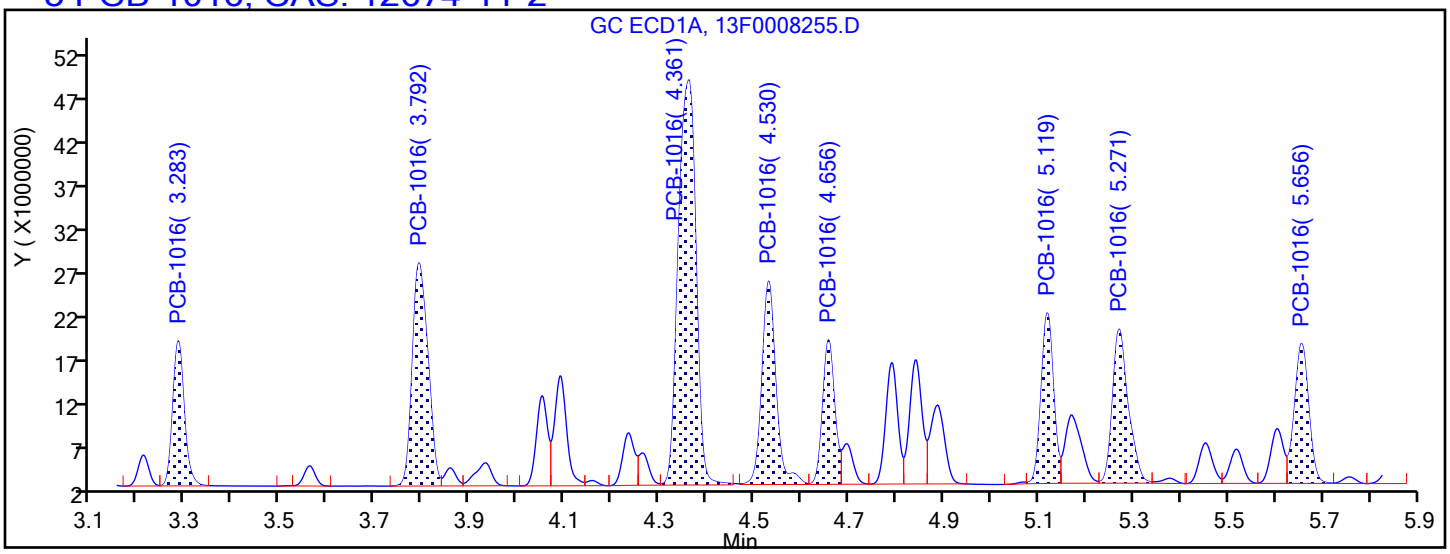
Operator ID: ALS Bottle#: 9 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

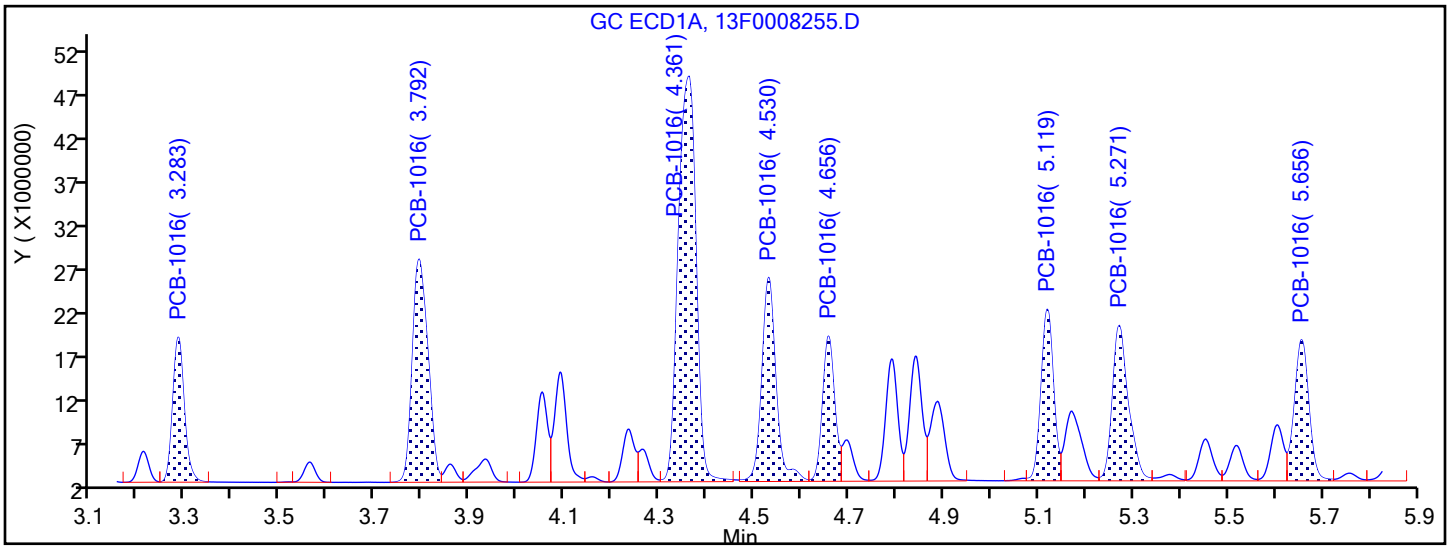
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.283	Response = 27937067	
3.792	Response = 58007705	
4.361	Response = 118717216	
4.530	Response = 47612604	
4.656	Response = 29163386	
5.119	Response = 35388691	
5.271	Response = 40344174	
5.656	Response = 33475360	



Manual Integration Results

3.283	Response = 27937067	
3.792	Response = 58007705	
4.361	Response = 119209771	M
4.530	Response = 48334459	M
4.656	Response = 29492127	M
5.119	Response = 35920143	M

Report Date: 07-Jan-2021 14:59:57 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008255.D

Injection Date: 07-Jan-2021 11:31:20 Instrument ID: CPESTGC13

Lims ID: IC PCB 4

Client ID:

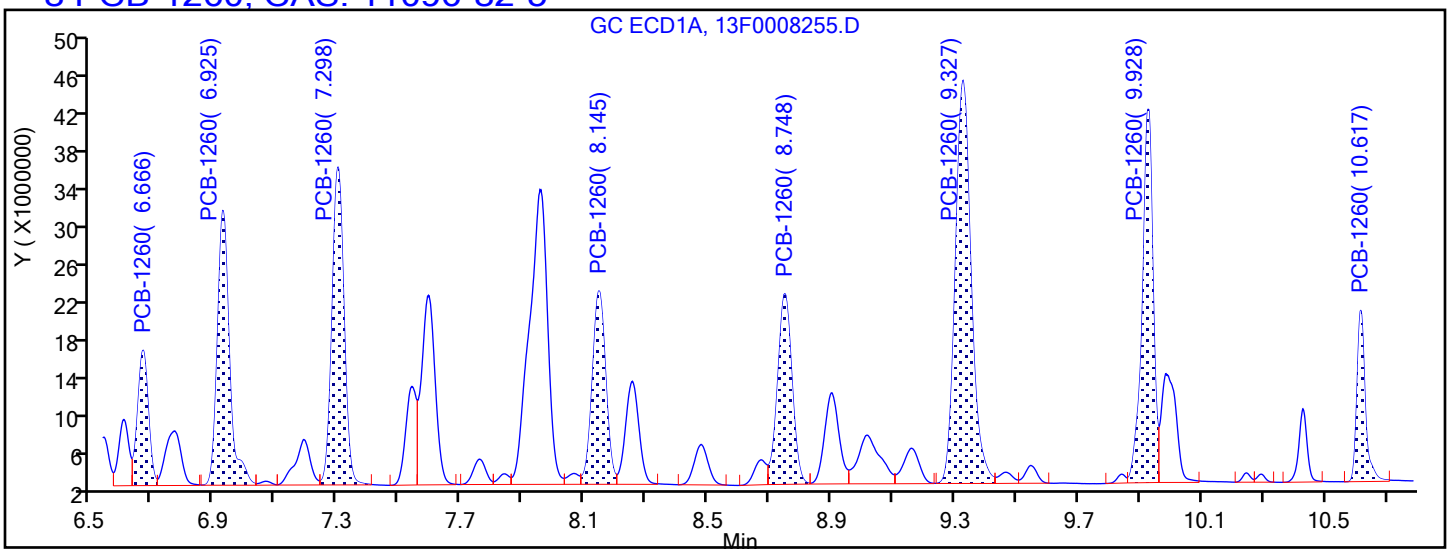
Operator ID: ALS Bottle#: 9 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

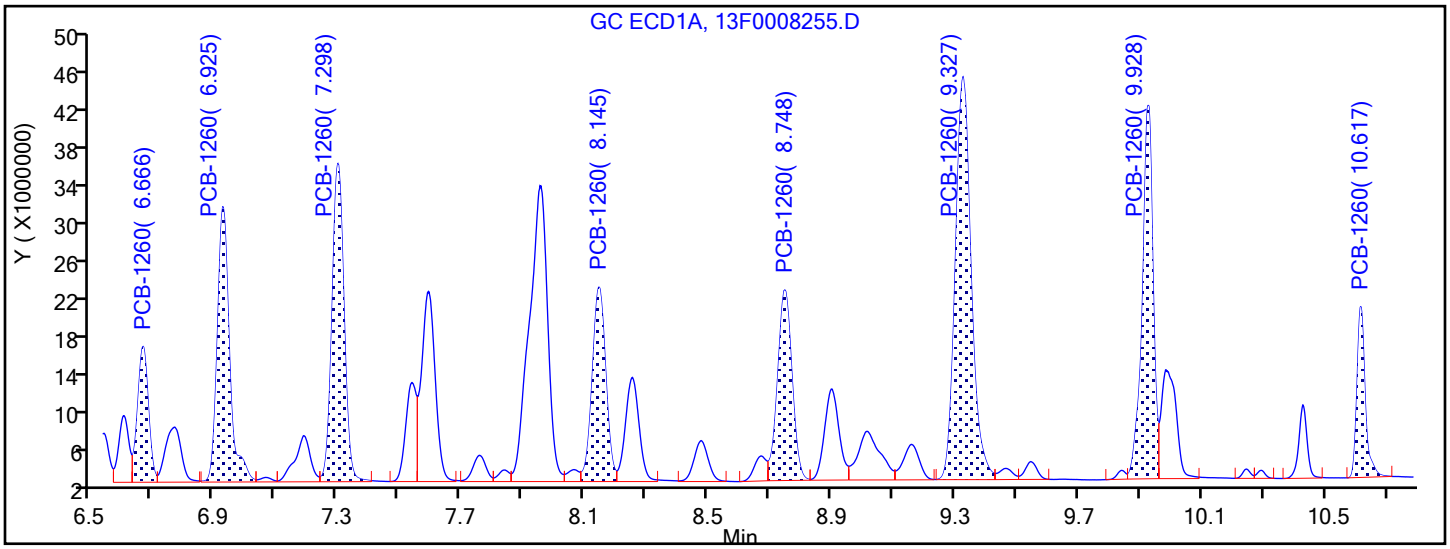
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.666	Response = 34544485
6.925	Response = 78187782
7.298	Response = 89209153
8.145	Response = 61589719
8.748	Response = 64657973
9.327	Response = 149669241
9.928	Response = 94939798
10.617	Response = 33356032



Manual Integration Results

6.666	Response = 34792024	M
6.925	Response = 78894592	M
7.298	Response = 89859221	M
8.145	Response = 62398303	M
8.748	Response = 64657973	
9.327	Response = 149669241	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008256.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 07-Jan-2021 11:47:05 ALS Bottle#: 10 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-006
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:04 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 13:32:17

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.694	1.694	0.000	22255767	20.0	20.0	
2	1.404	1.404	0.000	16896091	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.669	2.669	0.000	207490644	200.0	195.9	
2	2.055	2.054	0.001	162675052	200.0	197.8	
						RPD = 0.95	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.283	3.283	0.000	41814545	2500.0	2284.3	
1	3.790	3.791	-0.001	86924801	2500.0	2321.7	
1	4.362	4.362	0.000	182220068	2500.0	2444.8	M
1	4.530	4.531	-0.001	71170089	2500.0	2355.6	M
1	4.657	4.656	0.001	45850546	2500.0	2495.4	M
1	5.119	5.119	0.000	55121665	2500.0	2425.2	M
1	5.270	5.270	0.000	63591994	2500.0	2405.5	M
1	5.655	5.657	-0.002	52401947	2500.0	2372.9	M
		Average of Peak Amounts =				2388.2	
2	2.433	2.432	0.001	32749240	2500.0	2232.6	
2	2.812	2.811	0.001	65490030	2500.0	2337.5	M
2	3.030	3.030	0.000	44357842	2500.0	2348.7	M
2	3.325	3.324	0.001	146445917	2500.0	2527.2	M
2	3.474	3.474	0.000	58526054	2500.0	2437.8	M
2	3.543	3.543	0.000	37086412	2500.0	2465.2	M
2	3.945	3.944	0.001	58688755	2500.0	2365.5	M
2	4.387	4.387	0.000	32226789	2500.0	2365.6	M
		Average of Peak Amounts =				2385.0	
						RPD = 0.13	
8 PCB-1260							M
1	6.665	6.666	-0.001	52899145	2500.0	2418.8	M
1	6.925	6.926	-0.001	120466794	2500.0	2435.9	M
1	7.298	7.299	-0.001	137854935	2500.0	2454.5	M
1	8.146	8.146	0.000	95435237	2500.0	2429.5	M
1	8.749	8.747	0.002	99945876	2500.0	2462.1	M
1	9.326	9.325	0.001	232318865	2500.0	2563.6	M
1	9.929	9.929	0.000	147519745	2500.0	2540.8	M
1	10.619	10.619	0.000	52008149	2500.0	2526.0	M
		Average of Peak Amounts =				2478.9	
2	5.378	5.379	-0.001	89042119	2500.0	2457.3	M
2	5.727	5.728	-0.001	165408963	2500.0	2468.5	M
2	6.267	6.268	-0.001	75054972	2500.0	2460.1	M
2	6.628	6.629	-0.001	82649196	2500.0	2511.0	M
2	7.140	7.141	-0.001	186136555	2500.0	2348.8	M
2	7.627	7.628	-0.001	94704132	2500.0	2598.7	M
2	7.786	7.787	-0.001	55065784	2500.0	2397.3	M
2	8.884	8.882	0.002	45633108	2500.0	2362.7	
		Average of Peak Amounts =				2450.6	
						RPD = 1.15	
$ 11 DCB Decachlorobiphenyl							
1	11.187	11.173	0.014	134050476	200.0	196.6	
2	9.795	9.793	0.002	128916037	200.0	193.2	
						RPD = 1.77	
S 12 Polychlorinated biphenyls, Total							
1						4867.1	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L5_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:04 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008256.D

Injection Date: 07-Jan-2021 11:47:05 Instrument ID: CPESTGC13 Operator ID:

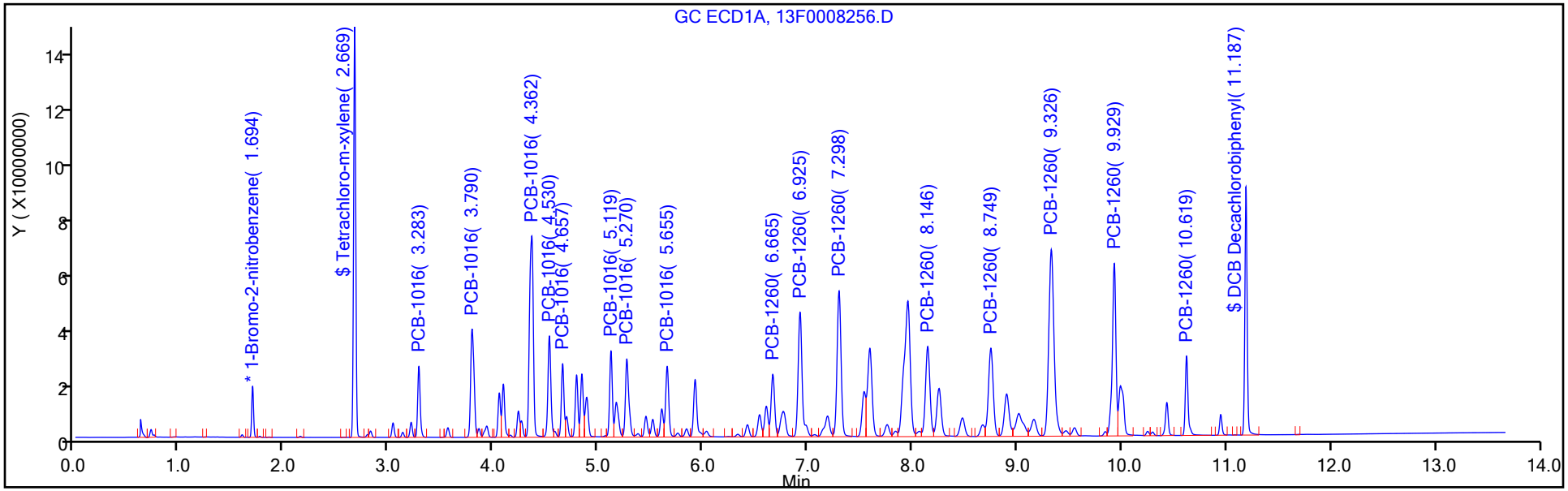
Lims ID: IC PCB 5 Worklist Smp#: 6

Client ID:

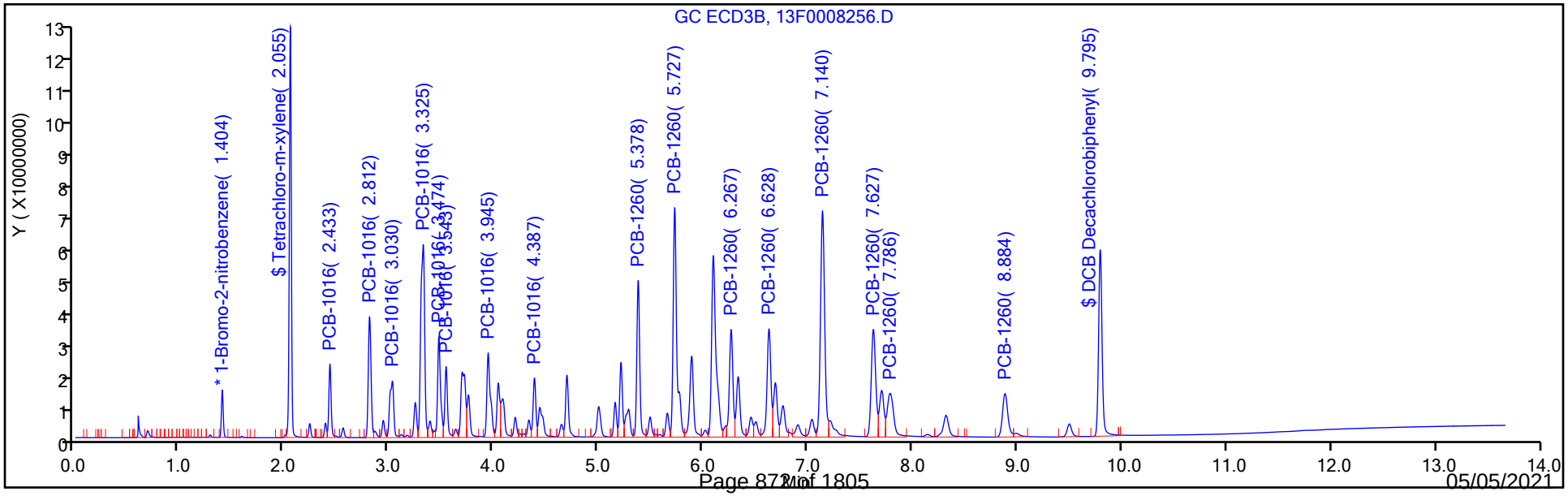
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 15:00:05 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008256.D

Injection Date: 07-Jan-2021 11:47:05 Instrument ID: CPESTGC13

Lims ID: IC PCB 5

Client ID:

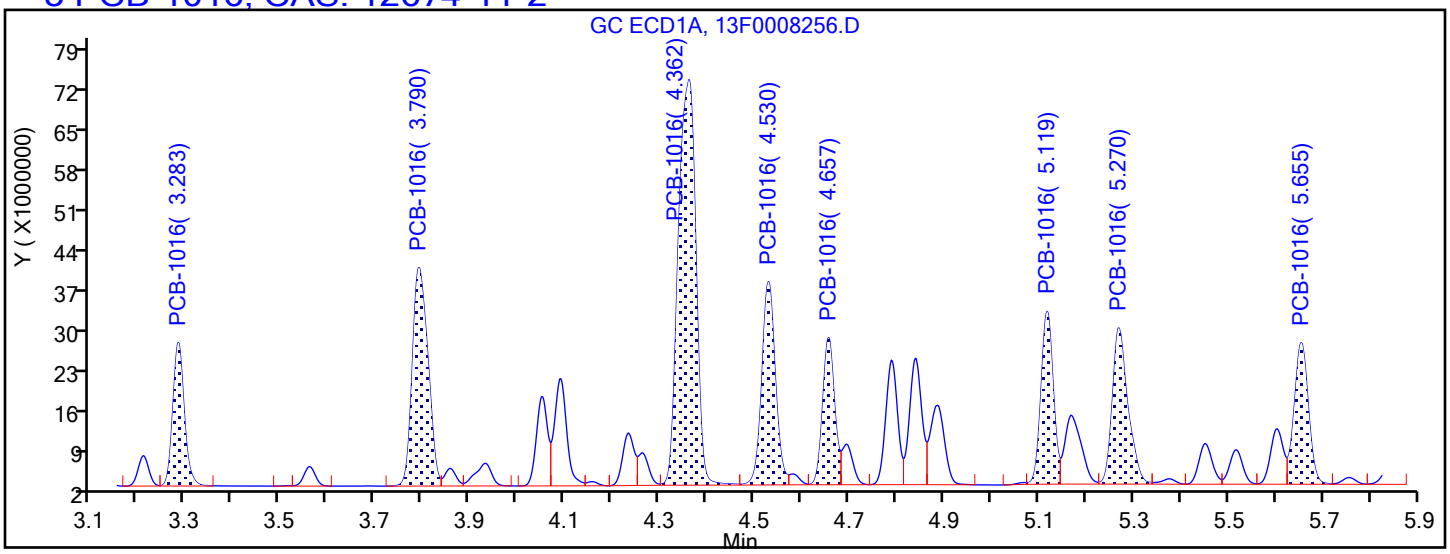
Operator ID: ALS Bottle#: 10 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

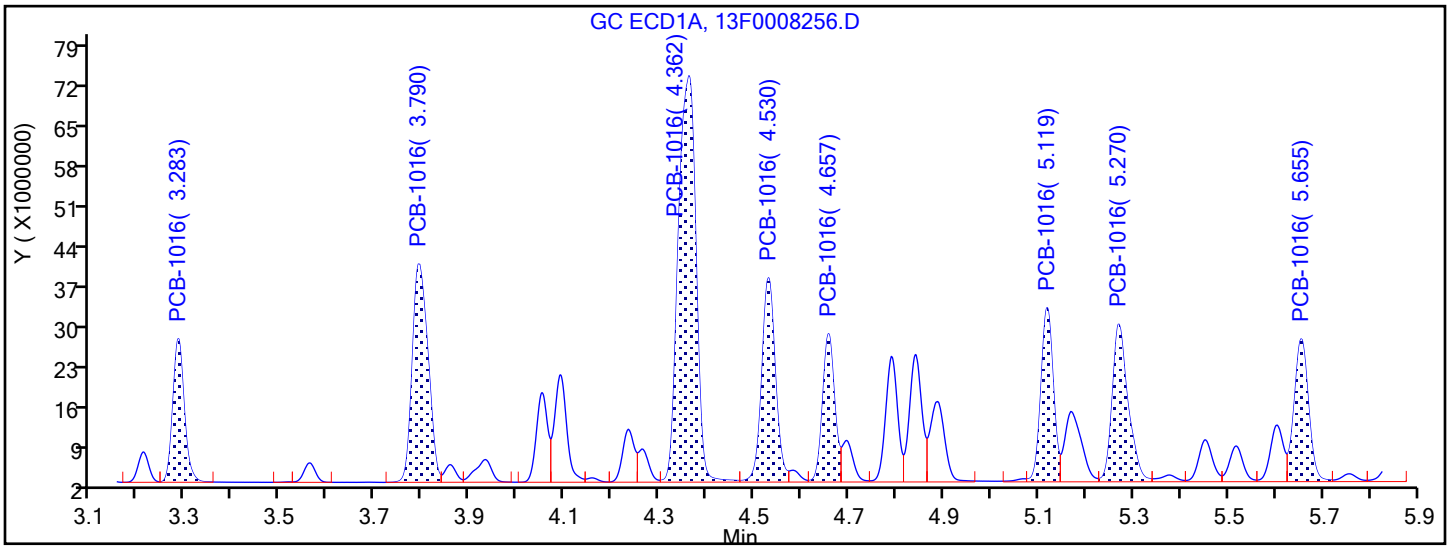
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.283	Response = 41814545
3.790	Response = 86924801
4.362	Response = 180944546
4.530	Response = 70220618
4.657	Response = 45116582
5.119	Response = 54070627
5.270	Response = 61872962
5.655	Response = 51250968



Manual Integration Results

3.283	Response = 41814545	
3.790	Response = 86924801	
4.362	Response = 182220068	M
4.530	Response = 71170089	M
4.657	Response = 45850546	M
5.119	Response = 55121665	M

Report Date: 07-Jan-2021 15:00:05 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008256.D

Injection Date: 07-Jan-2021 11:47:05 Instrument ID: CPESTGC13

Lims ID: IC PCB 5

Client ID:

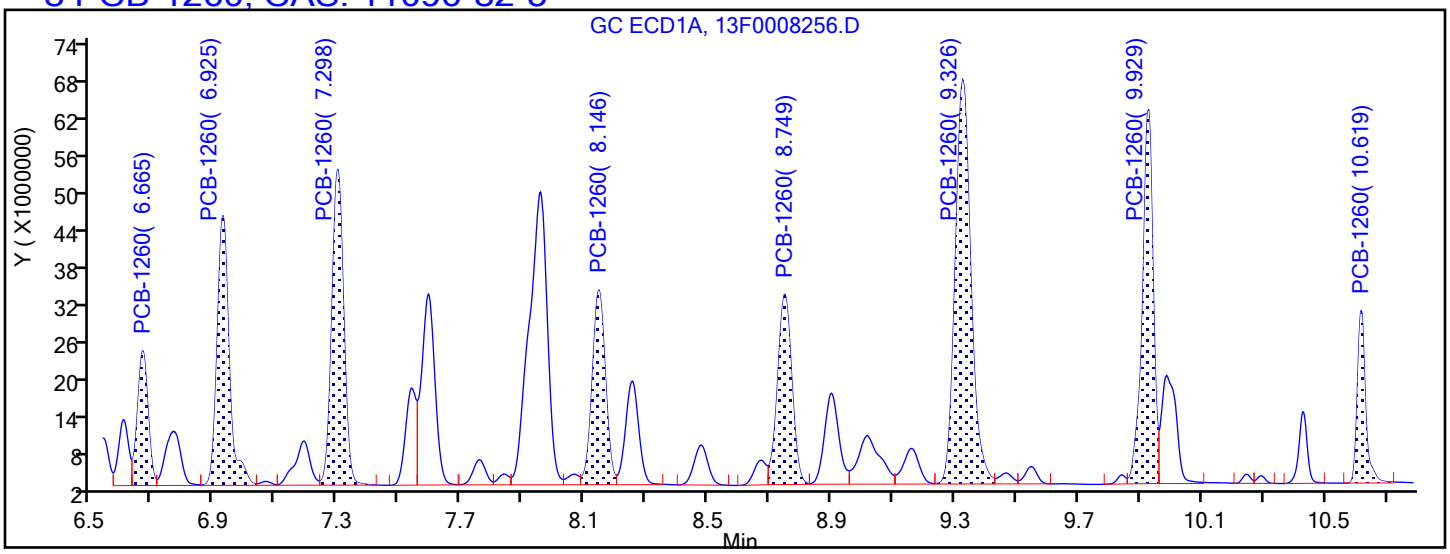
Operator ID: ALS Bottle#: 10 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

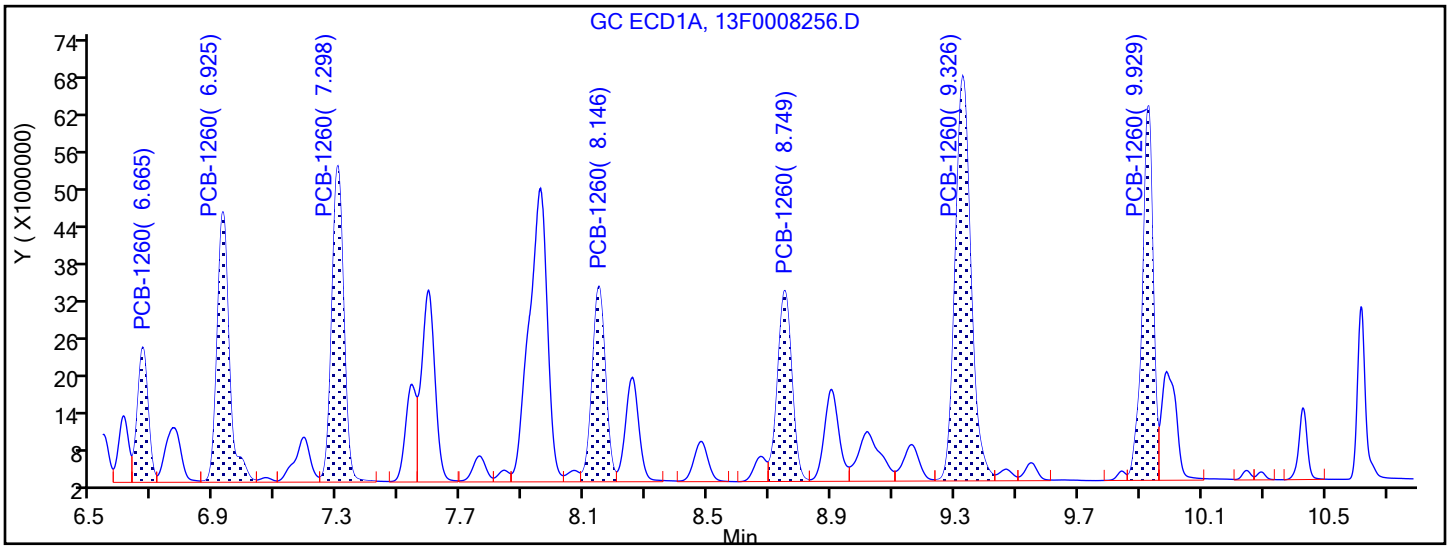
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.665	Response = 52406488
6.925	Response = 119278930
7.298	Response = 136507448
8.146	Response = 94429466
8.749	Response = 98928495
9.326	Response = 230979578
9.929	Response = 147051147
10.619	Response = 51588133



Manual Integration Results

6.665	Response = 52899145	M
6.925	Response = 120466794	M
7.298	Response = 137854935	M
8.146	Response = 95435237	M
8.749	Response = 99945876	M
9.326	Response = 232318865	M

Calibration / Tetrachloro-m-xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

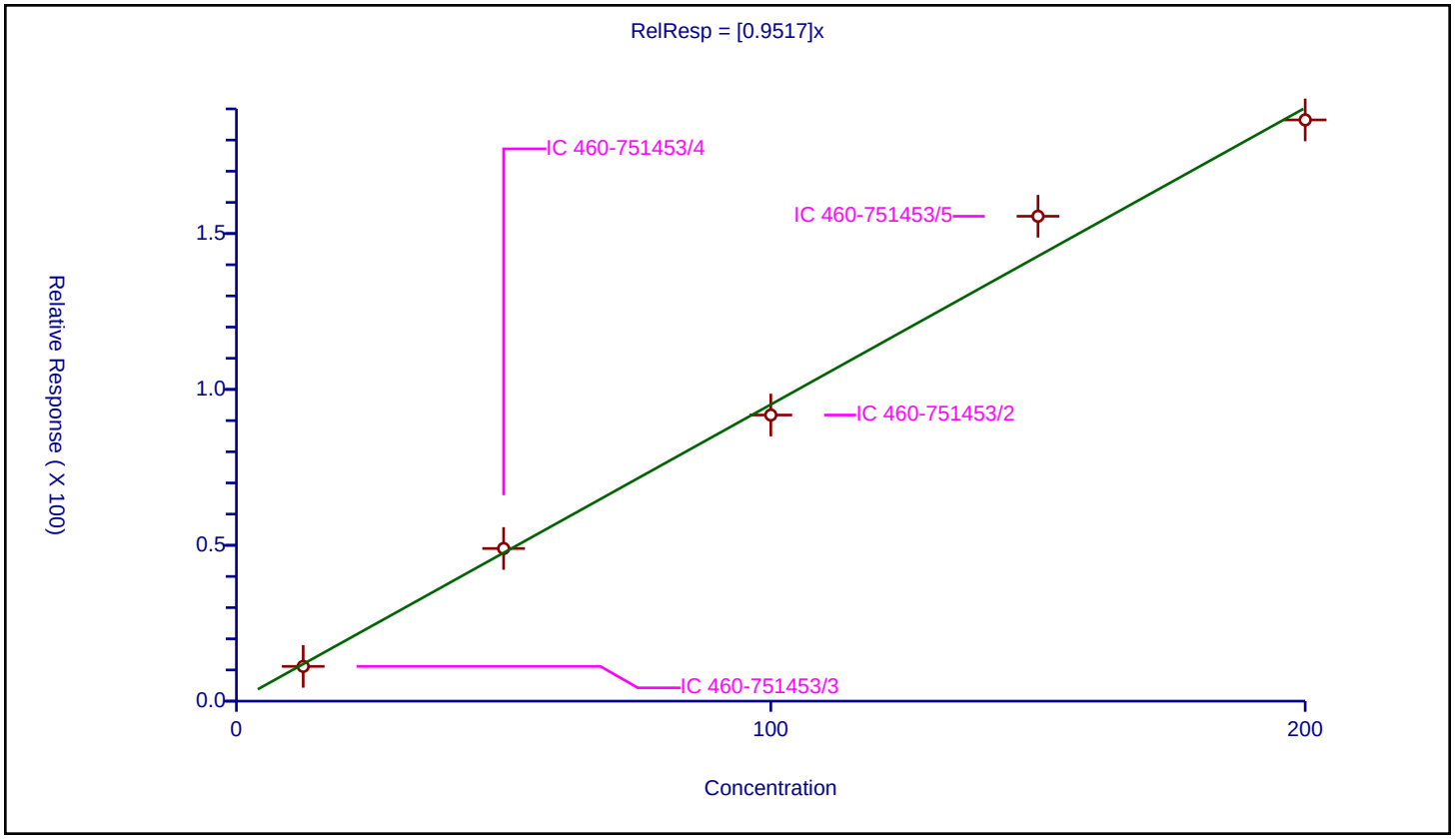
Curve Coefficients

Intercept:	0
Slope:	0.9517

Error Coefficients

Standard Error:	146000000
Relative Standard Error:	6.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	12.5	11.146617	20.0	21404244.0	0.891729	Y
2	IC 460-751453/4	50.0	48.972531	20.0	22610949.0	0.979451	Y
3	IC 460-751453/2	100.0	91.78941	20.0	21943880.0	0.917894	Y
4	IC 460-751453/5	150.0	155.558528	20.0	21711926.0	1.037057	Y
5	IC 460-751453/6	200.0	186.460115	20.0	22255767.0	0.932301	Y



Calibration / PCB-1016 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

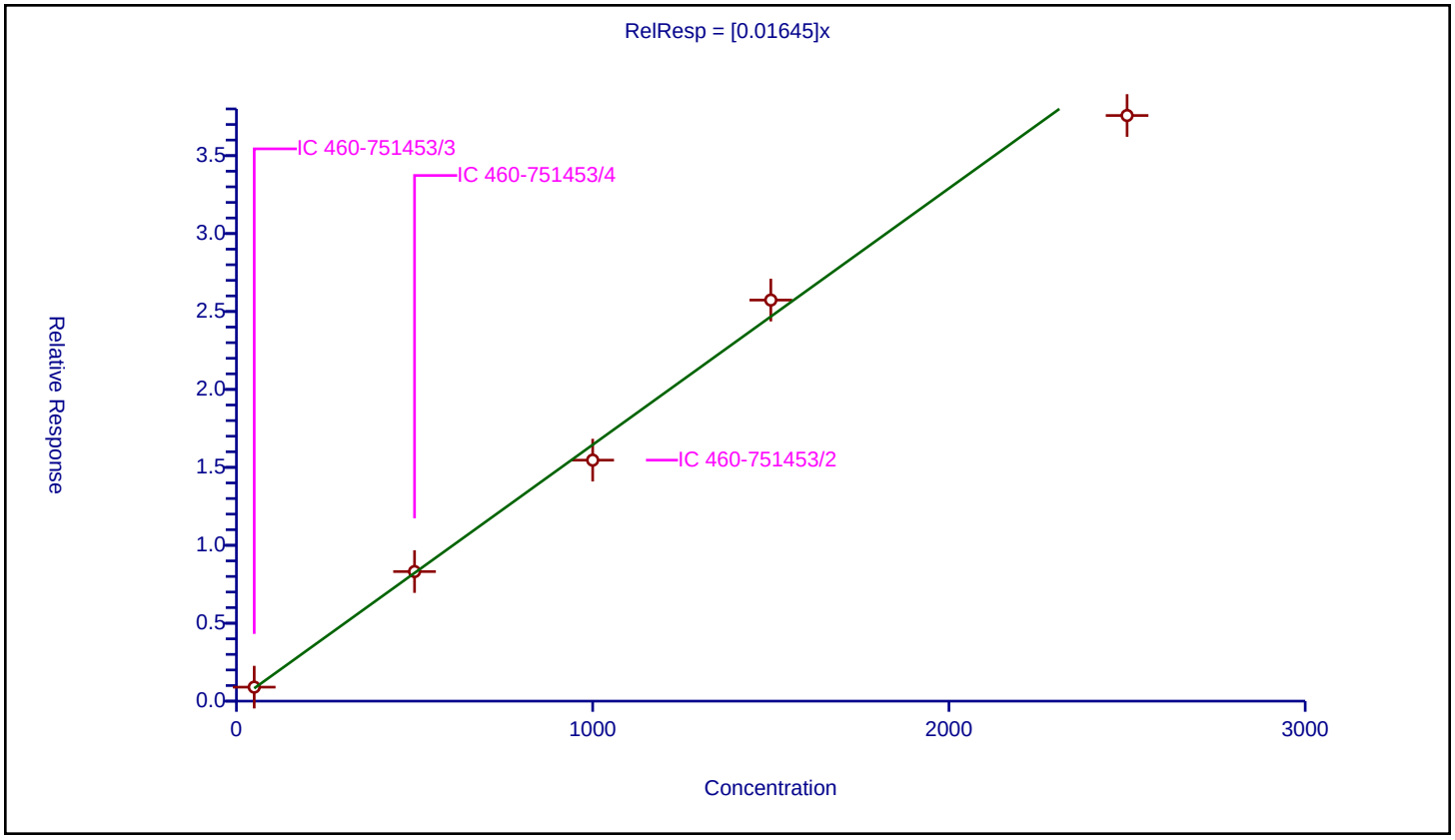
Curve Coefficients

Intercept:	0
Slope:	0.01645

Error Coefficients

Standard Error:	27000000
Relative Standard Error:	7.3
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	0.898502	20.0	21404244.0	0.01797	Y
2	IC 460-751453/4	500.0	8.314804	20.0	22610949.0	0.01663	Y
3	IC 460-751453/2	1000.0	15.463175	20.0	21943880.0	0.015463	Y
4	IC 460-751453/5	1500.0	25.734306	20.0	21711926.0	0.017156	Y
5	IC 460-751453/6	2500.0	37.576368	20.0	22255767.0	0.015031	Y



Calibration / PCB-1016 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

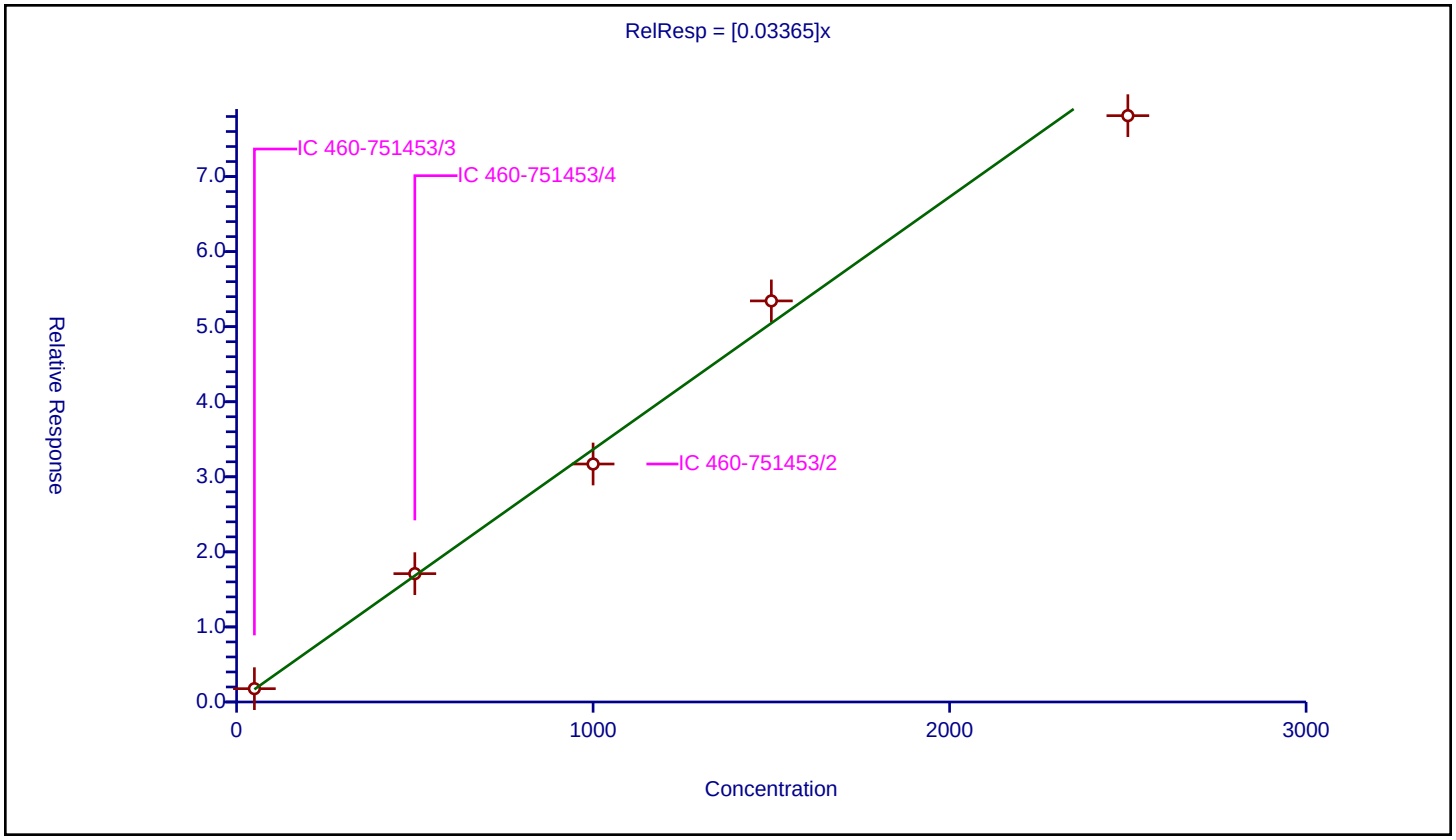
Curve Coefficients

Intercept:	0
Slope:	0.03365

Error Coefficients

Standard Error:	55900000
Relative Standard Error:	6.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.773023	20.0	21404244.0	0.03546	Y
2	IC 460-751453/4	500.0	17.096349	20.0	22610949.0	0.034193	Y
3	IC 460-751453/2	1000.0	31.704791	20.0	21943880.0	0.031705	Y
4	IC 460-751453/5	1500.0	53.433956	20.0	21711926.0	0.035623	Y
5	IC 460-751453/6	2500.0	78.114406	20.0	22255767.0	0.031246	Y



Calibration / PCB-1016 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

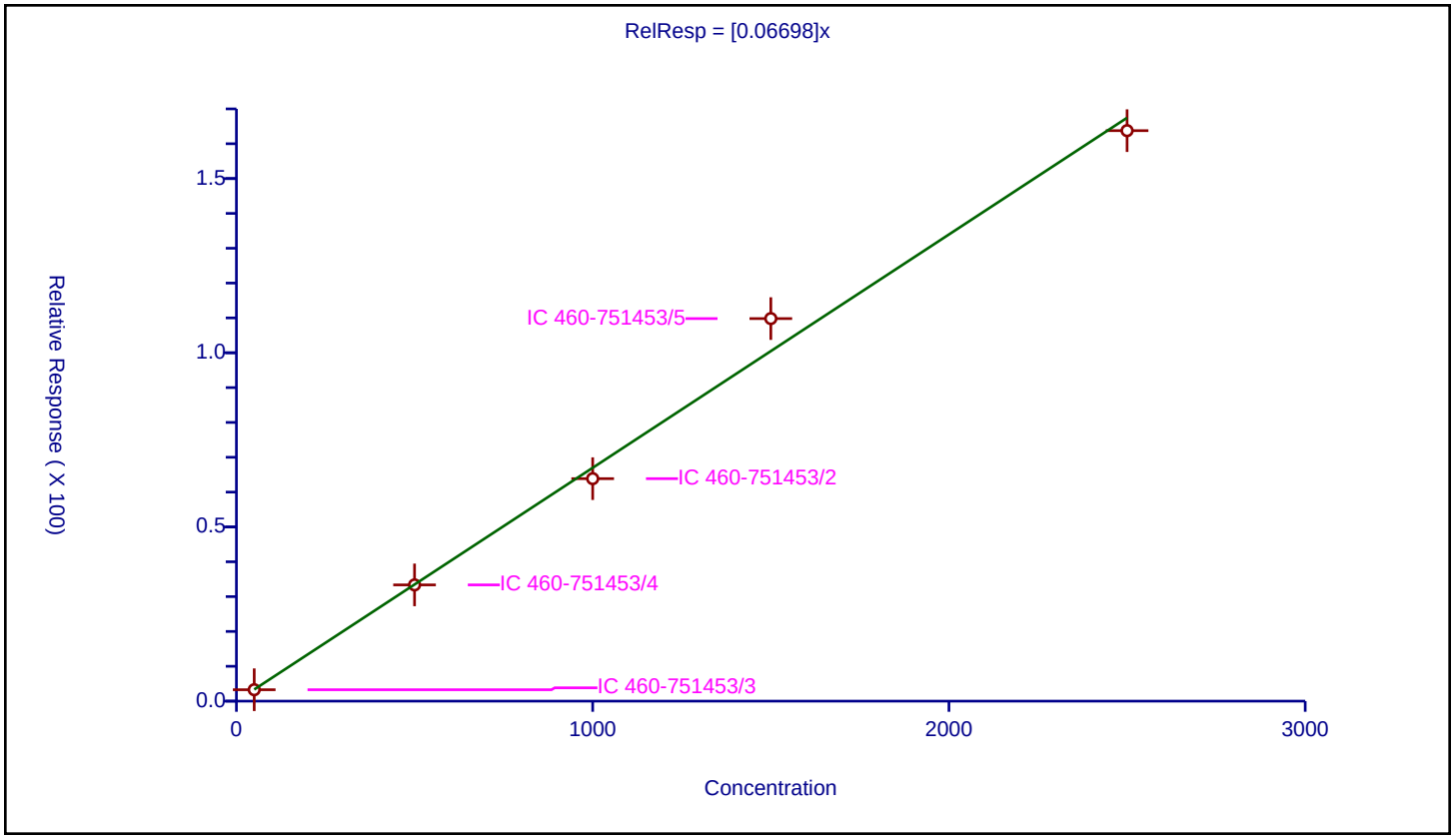
Curve Coefficients

Intercept:	0
Slope:	0.06698

Error Coefficients

Standard Error:	116000000
Relative Standard Error:	5.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	3.279252	20.0	21404244.0	0.065585	Y
2	IC 460-751453/4	500.0	33.366592	20.0	22610949.0	0.066733	Y
3	IC 460-751453/2	1000.0	63.864198	20.0	21943880.0	0.063864	Y
4	IC 460-751453/5	1500.0	109.810407	20.0	21711926.0	0.073207	Y
5	IC 460-751453/6	2500.0	163.750877	20.0	22255767.0	0.0655	Y



Calibration / PCB-1016 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

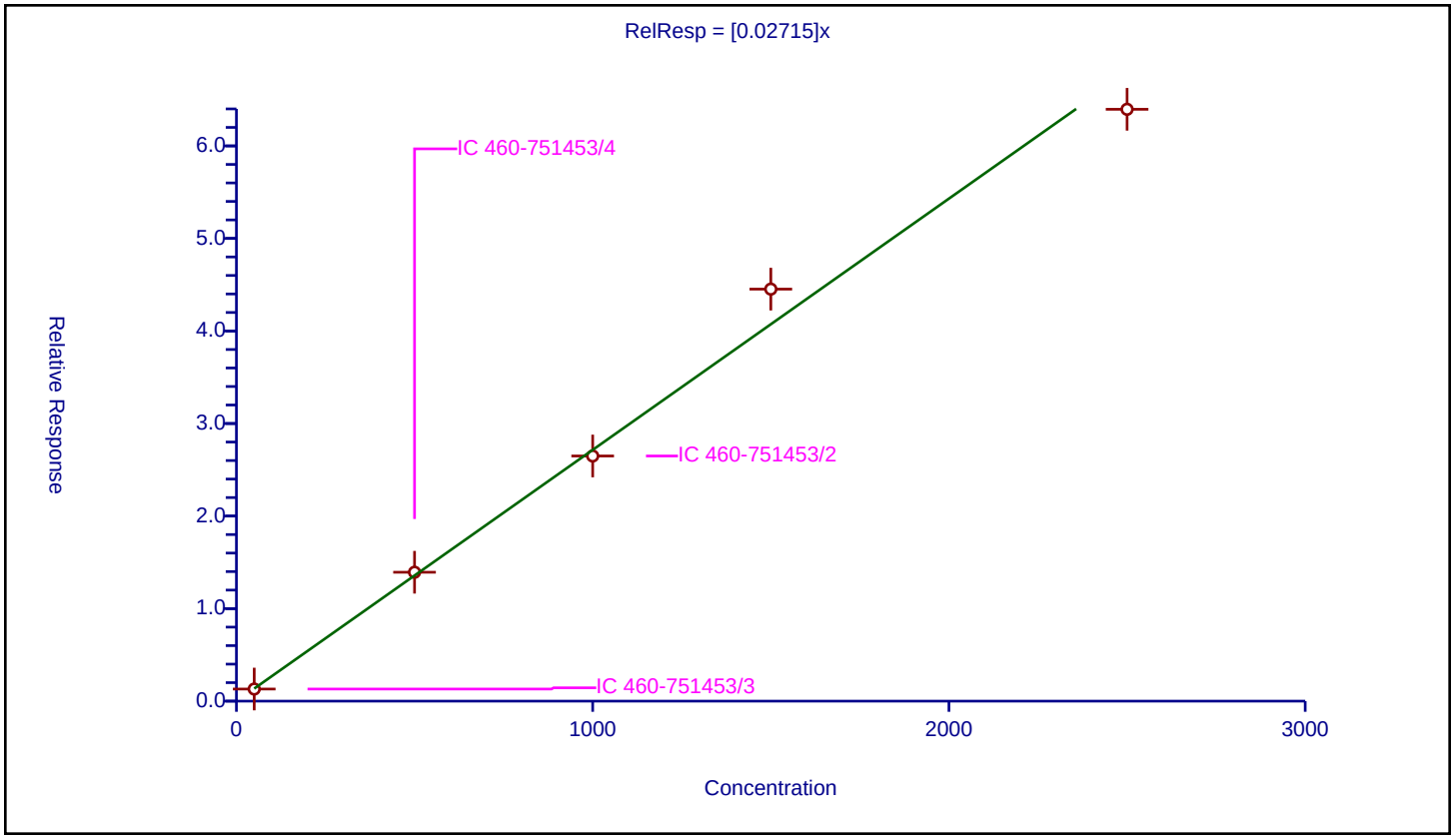
Curve Coefficients

Intercept:	0
Slope:	0.02715

Error Coefficients

Standard Error:	46100000
Relative Standard Error:	6.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.307007	20.0	21404244.0	0.02614	Y
2	IC 460-751453/4	500.0	13.929703	20.0	22610949.0	0.027859	Y
3	IC 460-751453/2	1000.0	26.491102	20.0	21943880.0	0.026491	Y
4	IC 460-751453/5	1500.0	44.523419	20.0	21711926.0	0.029682	Y
5	IC 460-751453/6	2500.0	63.956537	20.0	22255767.0	0.025583	Y



Calibration / PCB-1016 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

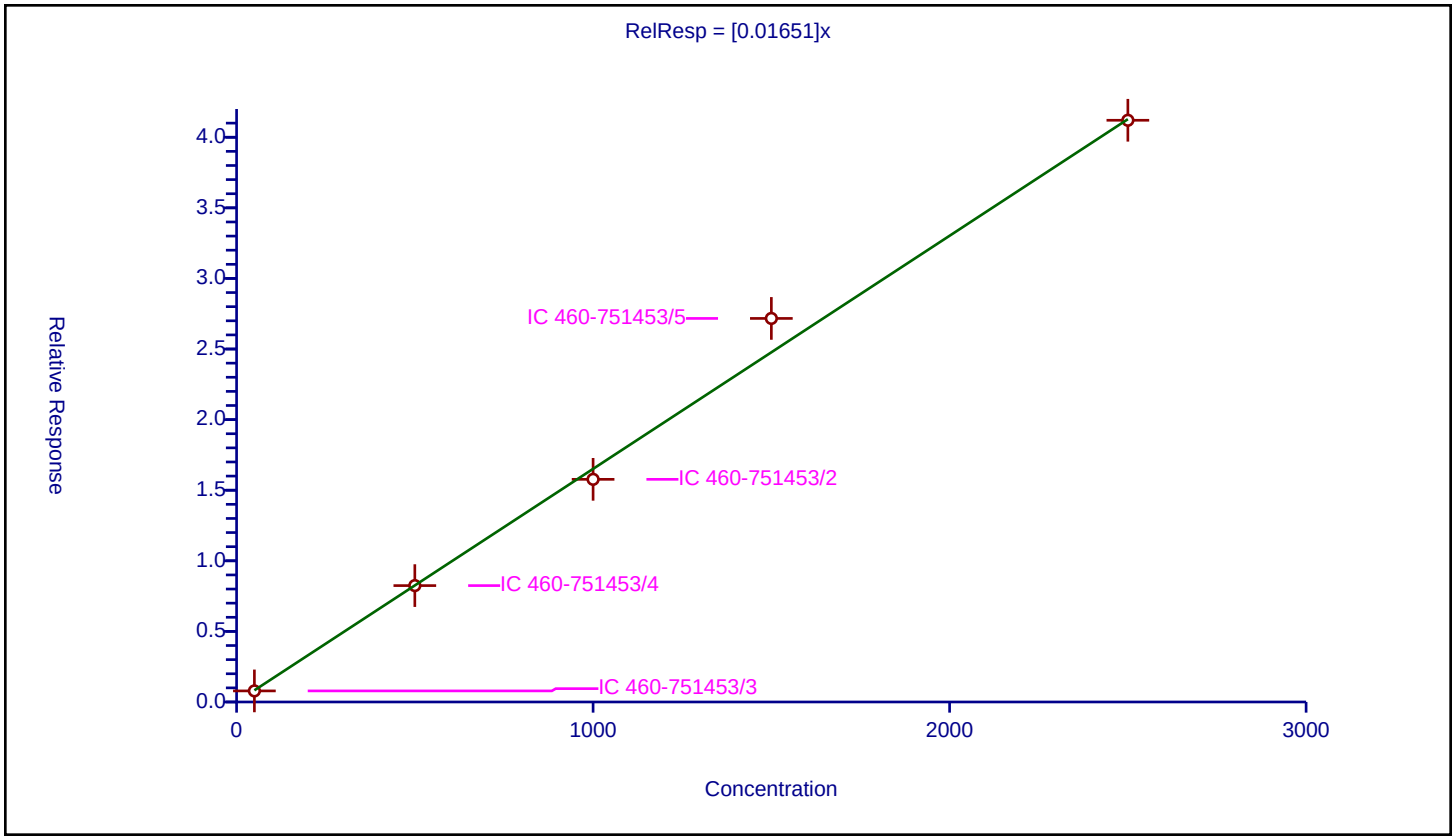
Curve Coefficients

Intercept:	0
Slope:	0.01651

Error Coefficients

Standard Error:	29000000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	0.785342	20.0	21404244.0	0.015707	Y
2	IC 460-751453/4	500.0	8.243995	20.0	22610949.0	0.016488	Y
3	IC 460-751453/2	1000.0	15.771168	20.0	21943880.0	0.015771	Y
4	IC 460-751453/5	1500.0	27.166753	20.0	21711926.0	0.018111	Y
5	IC 460-751453/6	2500.0	41.203294	20.0	22255767.0	0.016481	Y



Calibration / PCB-1016 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

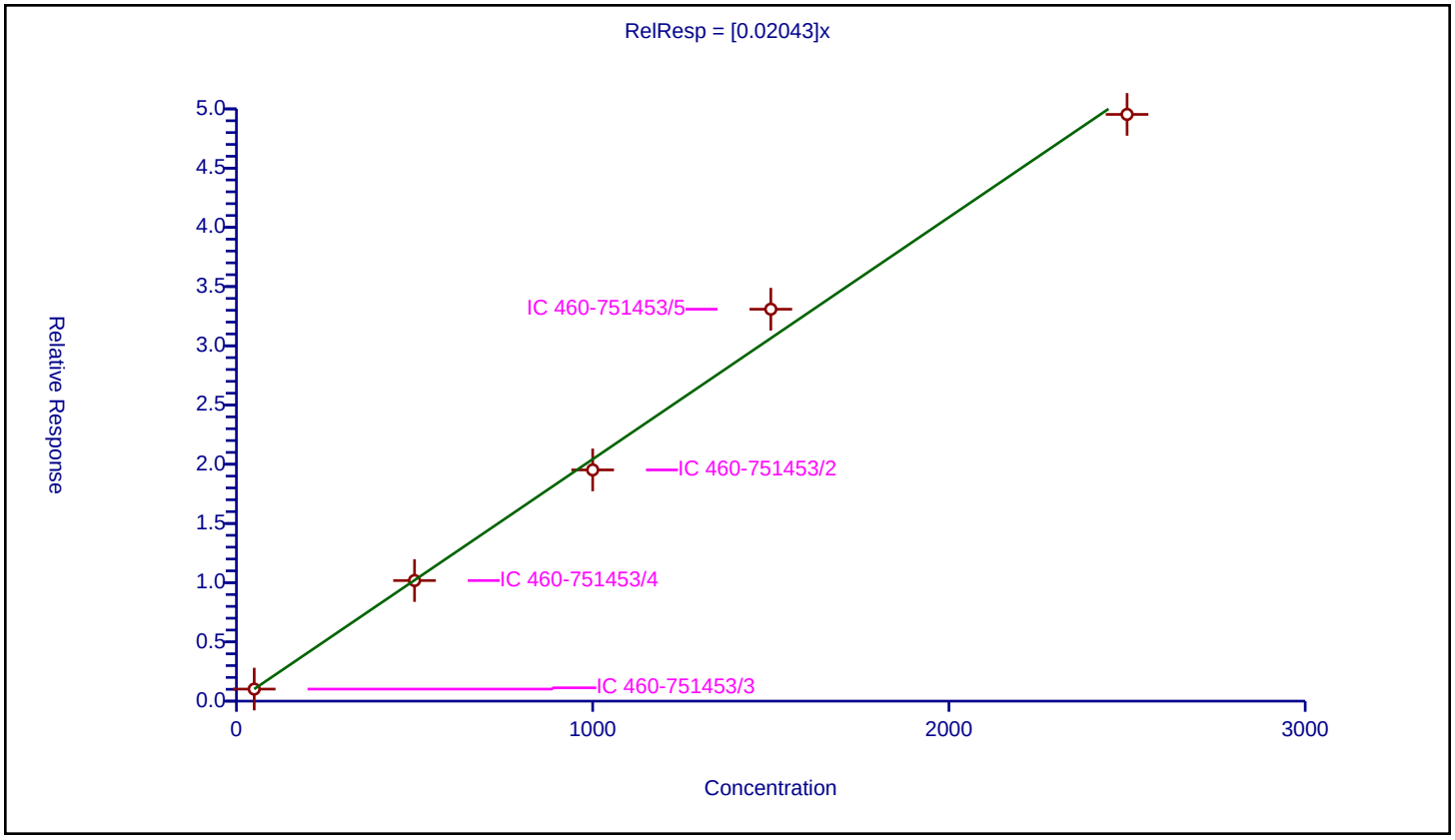
Curve Coefficients

Intercept:	0
Slope:	0.02043

Error Coefficients

Standard Error:	35100000
Relative Standard Error:	4.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.018324	20.0	21404244.0	0.020366	Y
2	IC 460-751453/4	500.0	10.182526	20.0	22610949.0	0.020365	Y
3	IC 460-751453/2	1000.0	19.521298	20.0	21943880.0	0.019521	Y
4	IC 460-751453/5	1500.0	33.087938	20.0	21711926.0	0.022059	Y
5	IC 460-751453/6	2500.0	49.534725	20.0	22255767.0	0.019814	Y



Calibration / PCB-1016 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

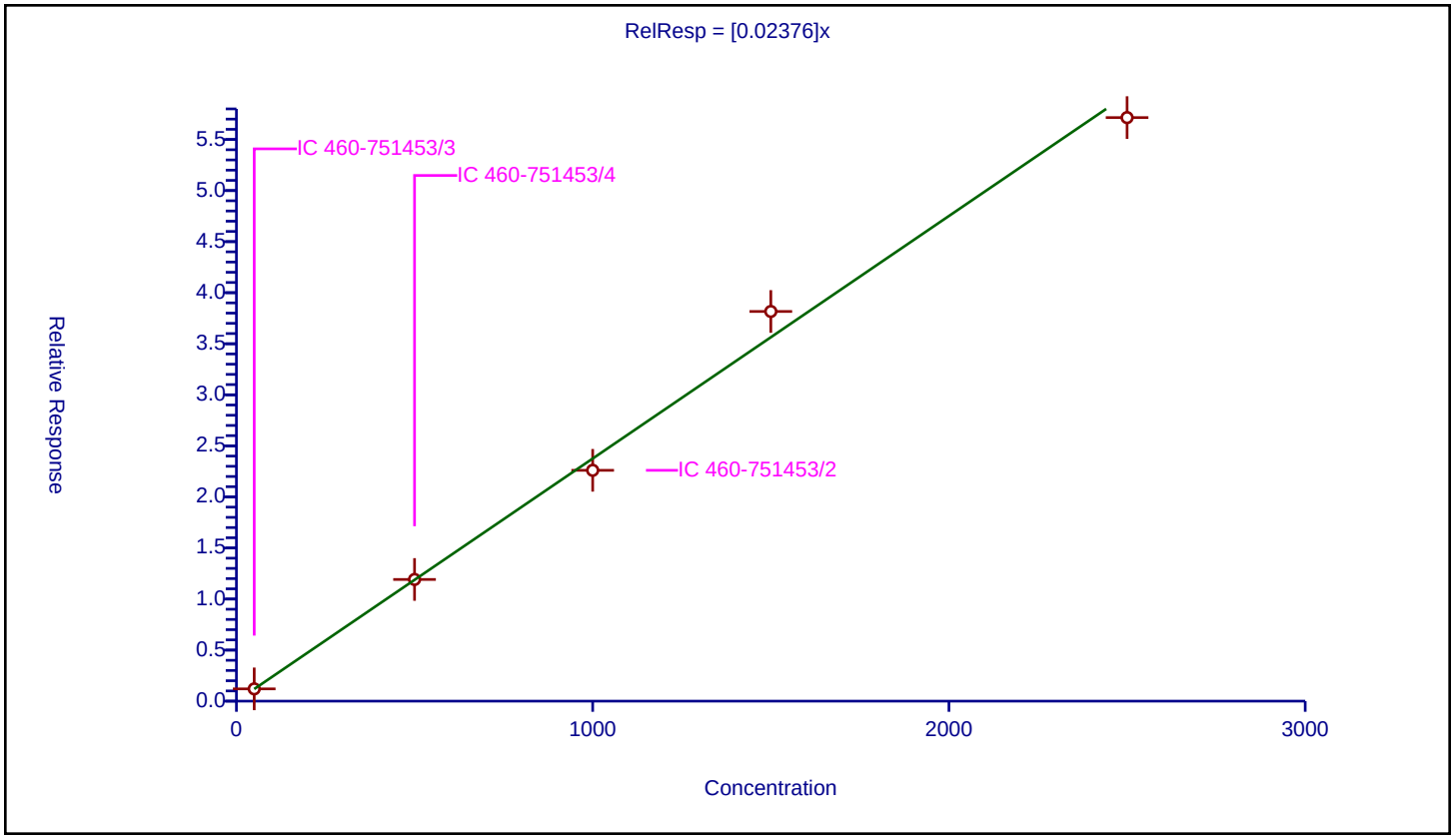
Curve Coefficients

Intercept:	0
Slope:	0.02376

Error Coefficients

Standard Error:	40500000
Relative Standard Error:	4.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.202059	20.0	21404244.0	0.024041	Y
2	IC 460-751453/4	500.0	11.91732	20.0	22610949.0	0.023835	Y
3	IC 460-751453/2	1000.0	22.605868	20.0	21943880.0	0.022606	Y
4	IC 460-751453/5	1500.0	38.161288	20.0	21711926.0	0.025441	Y
5	IC 460-751453/6	2500.0	57.146531	20.0	22255767.0	0.022859	Y



Calibration / PCB-1016 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

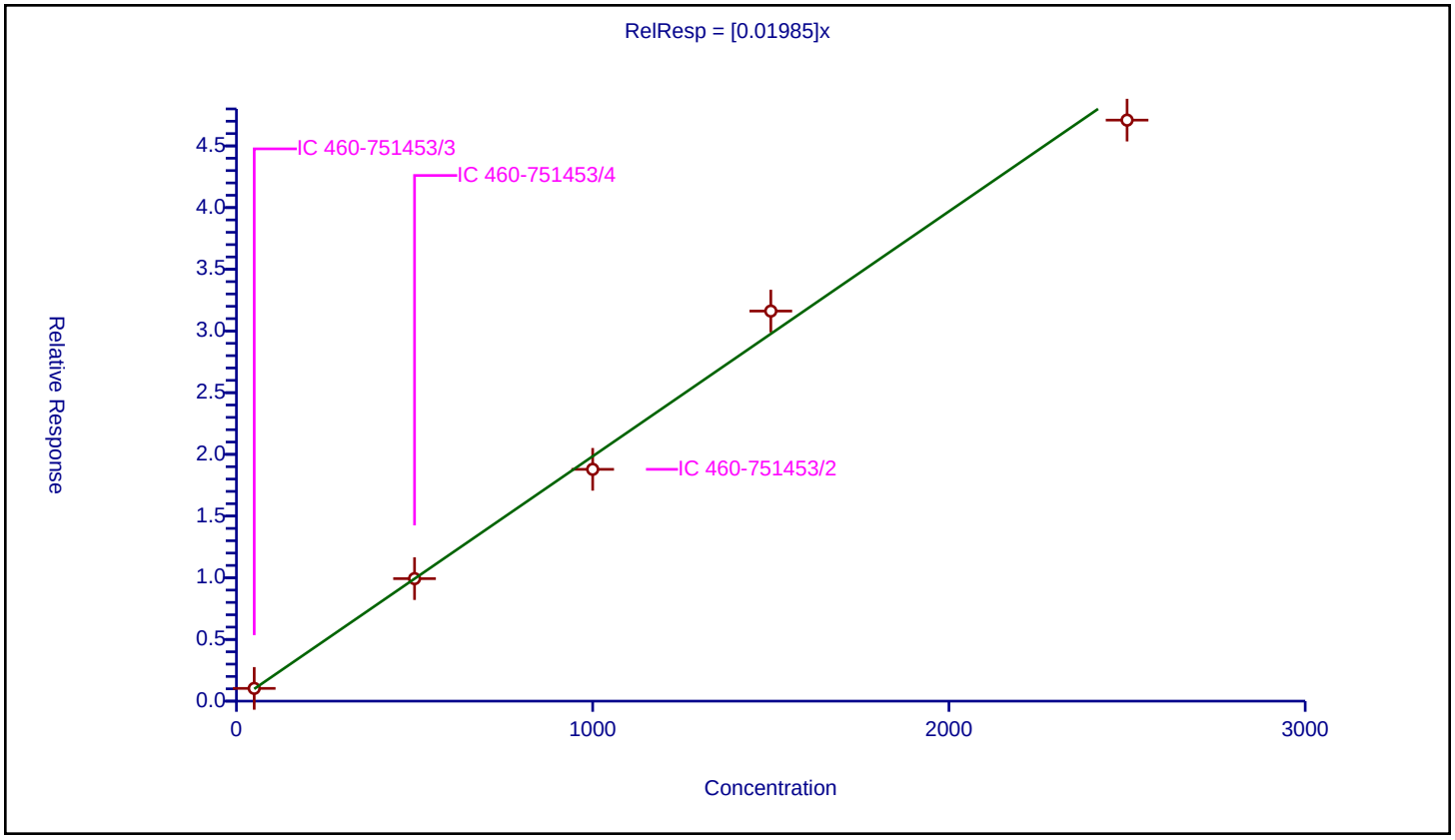
Curve Coefficients

Intercept:	0
Slope:	0.01985

Error Coefficients

Standard Error:	33500000
Relative Standard Error:	5.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.033435	20.0	21404244.0	0.020669	Y
2	IC 460-751453/4	500.0	9.929015	20.0	22610949.0	0.019858	Y
3	IC 460-751453/2	1000.0	18.787655	20.0	21943880.0	0.018788	Y
4	IC 460-751453/5	1500.0	31.613648	20.0	21711926.0	0.021076	Y
5	IC 460-751453/6	2500.0	47.090668	20.0	22255767.0	0.018836	Y



Calibration / PCB-1260 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

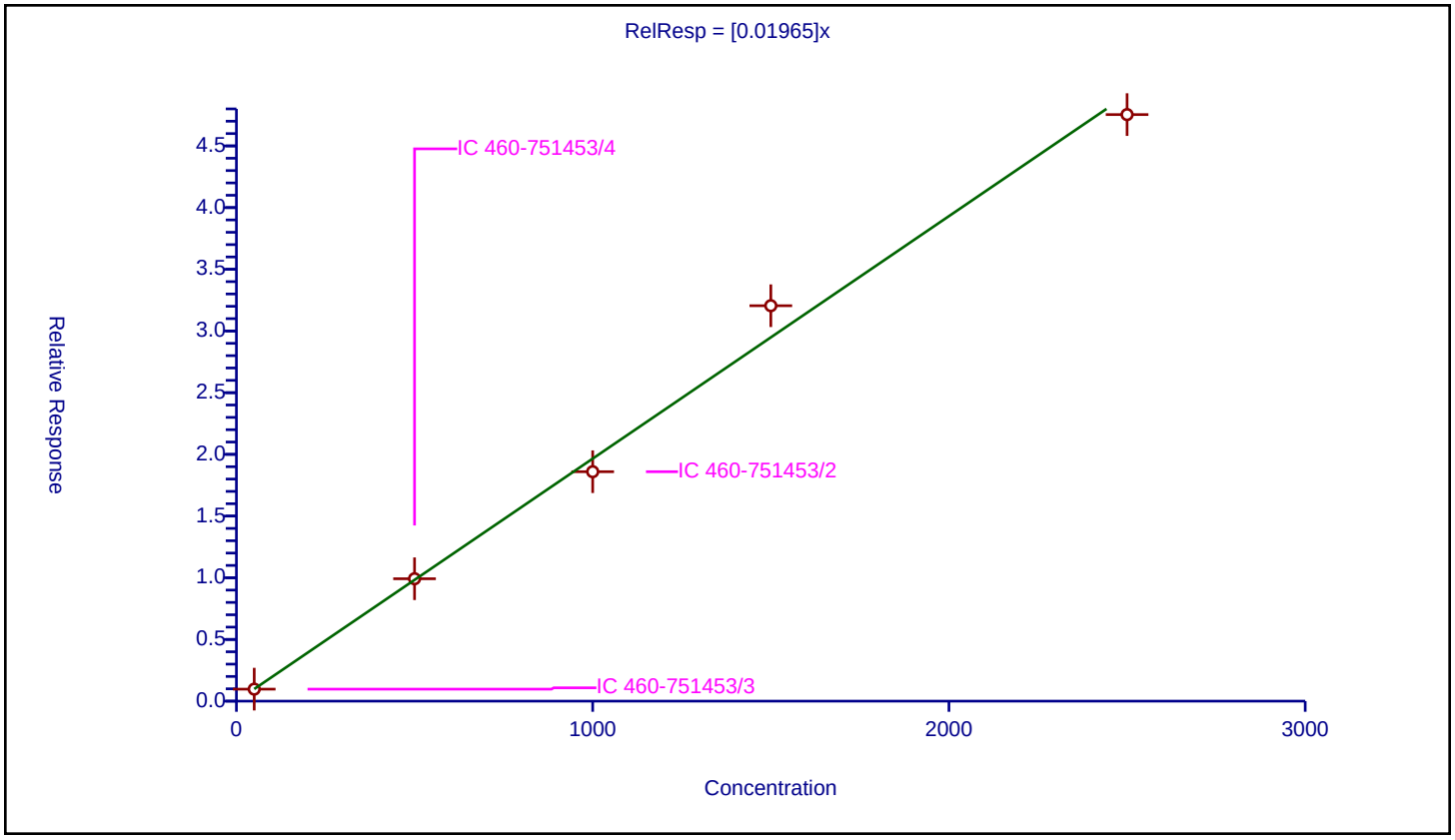
Curve Coefficients

Intercept:	0
Slope:	0.01965

Error Coefficients

Standard Error:	33700000
Relative Standard Error:	5.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	0.972653	20.0	21404244.0	0.019453	Y
2	IC 460-751453/4	500.0	9.92014	20.0	22610949.0	0.01984	Y
3	IC 460-751453/2	1000.0	18.594409	20.0	21943880.0	0.018594	Y
4	IC 460-751453/5	1500.0	32.048768	20.0	21711926.0	0.021366	Y
5	IC 460-751453/6	2500.0	47.537472	20.0	22255767.0	0.019015	Y



Calibration / PCB-1260 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

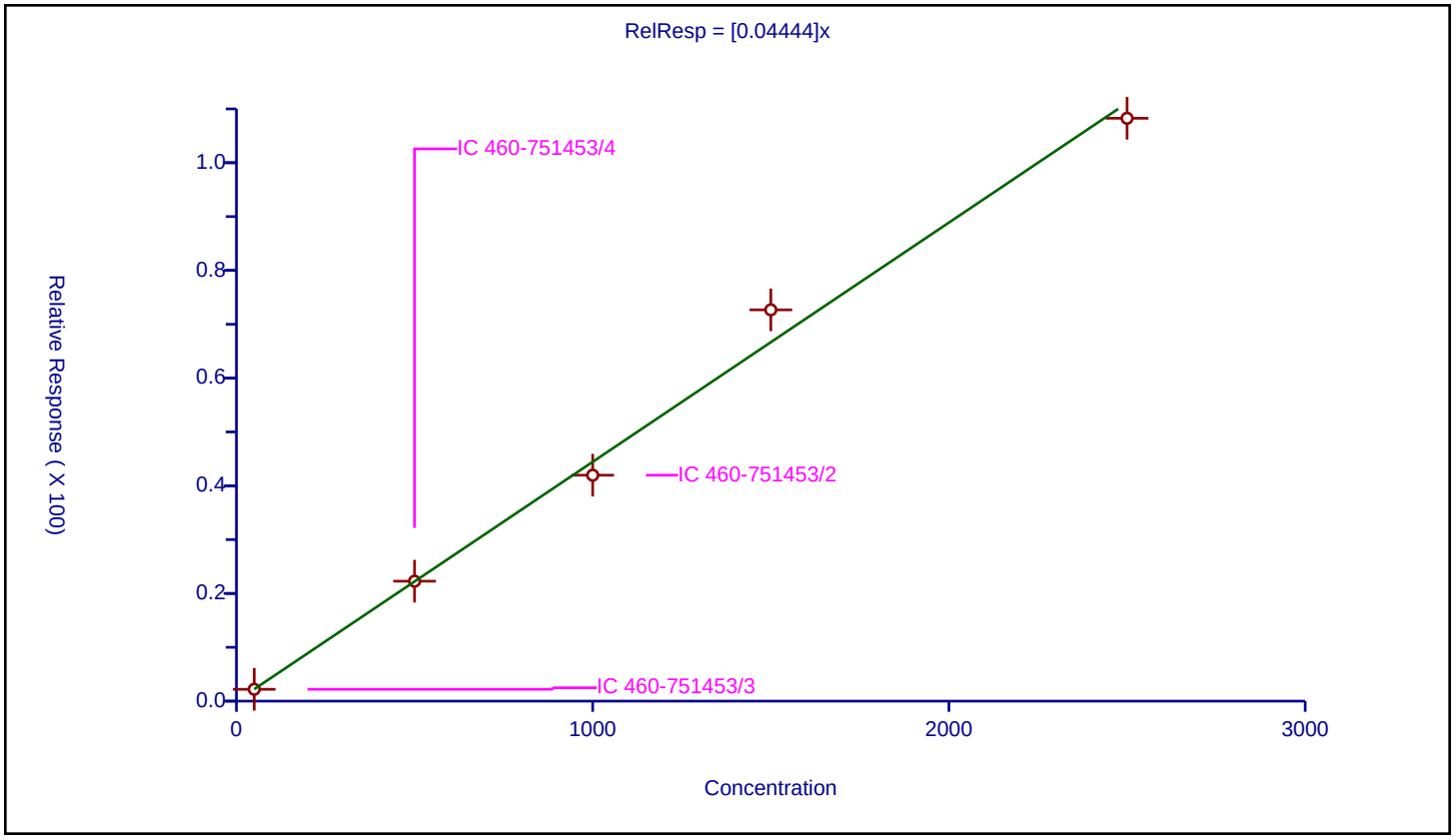
Curve Coefficients

Intercept:	0
Slope:	0.04444

Error Coefficients

Standard Error:	76600000
Relative Standard Error:	5.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	2.197394	20.0	21404244.0	0.043948	Y
2	IC 460-751453/4	500.0	22.275571	20.0	22610949.0	0.044551	Y
3	IC 460-751453/2	1000.0	41.964021	20.0	21943880.0	0.041964	Y
4	IC 460-751453/5	1500.0	72.673969	20.0	21711926.0	0.048449	Y
5	IC 460-751453/6	2500.0	108.256699	20.0	22255767.0	0.043303	Y



Calibration / PCB-1260 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

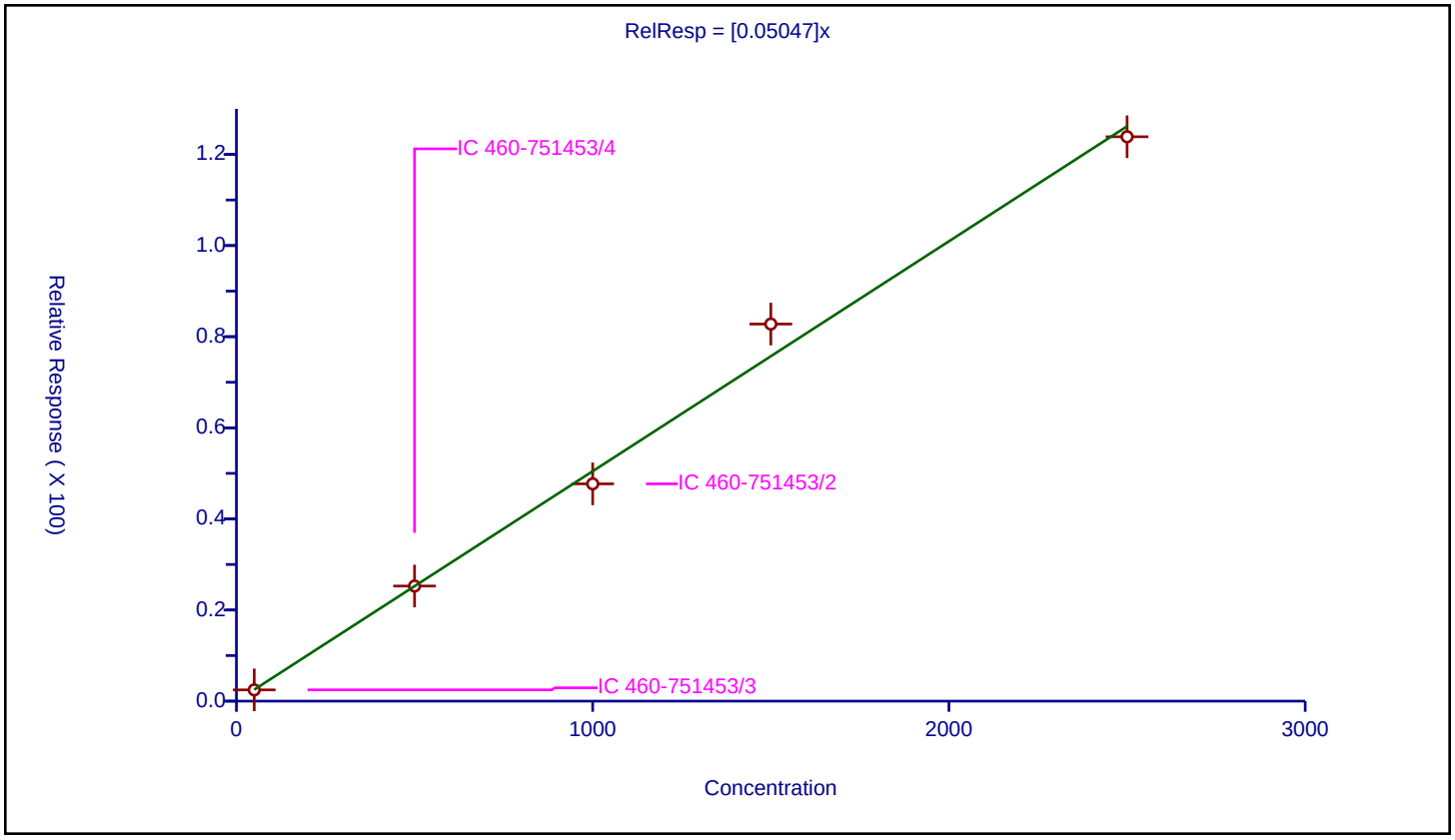
Curve Coefficients

Intercept:	0
Slope:	0.05047

Error Coefficients

Standard Error:	87500000
Relative Standard Error:	5.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	2.469777	20.0	21404244.0	0.049396	Y
2	IC 460-751453/4	500.0	25.263	20.0	22610949.0	0.050526	Y
3	IC 460-751453/2	1000.0	47.695749	20.0	21943880.0	0.047696	Y
4	IC 460-751453/5	1500.0	82.774067	20.0	21711926.0	0.055183	Y
5	IC 460-751453/6	2500.0	123.882439	20.0	22255767.0	0.049553	Y



Calibration / PCB-1260 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

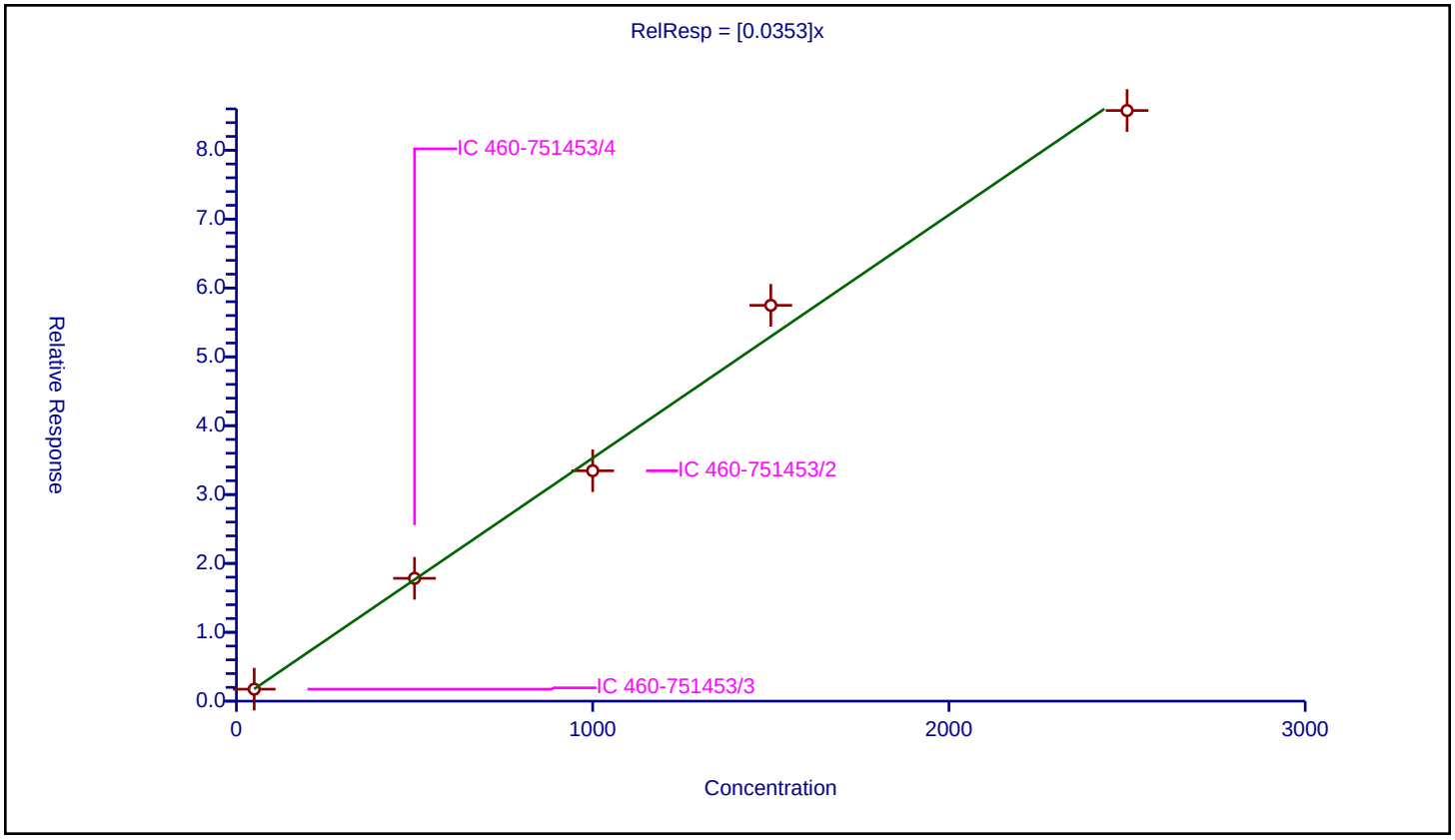
Curve Coefficients

Intercept:	0
Slope:	0.0353

Error Coefficients

Standard Error:	60700000
Relative Standard Error:	5.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.737745	20.0	21404244.0	0.034755	Y
2	IC 460-751453/4	500.0	17.833203	20.0	22610949.0	0.035666	Y
3	IC 460-751453/2	1000.0	33.45421	20.0	21943880.0	0.033454	Y
4	IC 460-751453/5	1500.0	57.478367	20.0	21711926.0	0.038319	Y
5	IC 460-751453/6	2500.0	85.762254	20.0	22255767.0	0.034305	Y



Calibration / PCB-1260 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

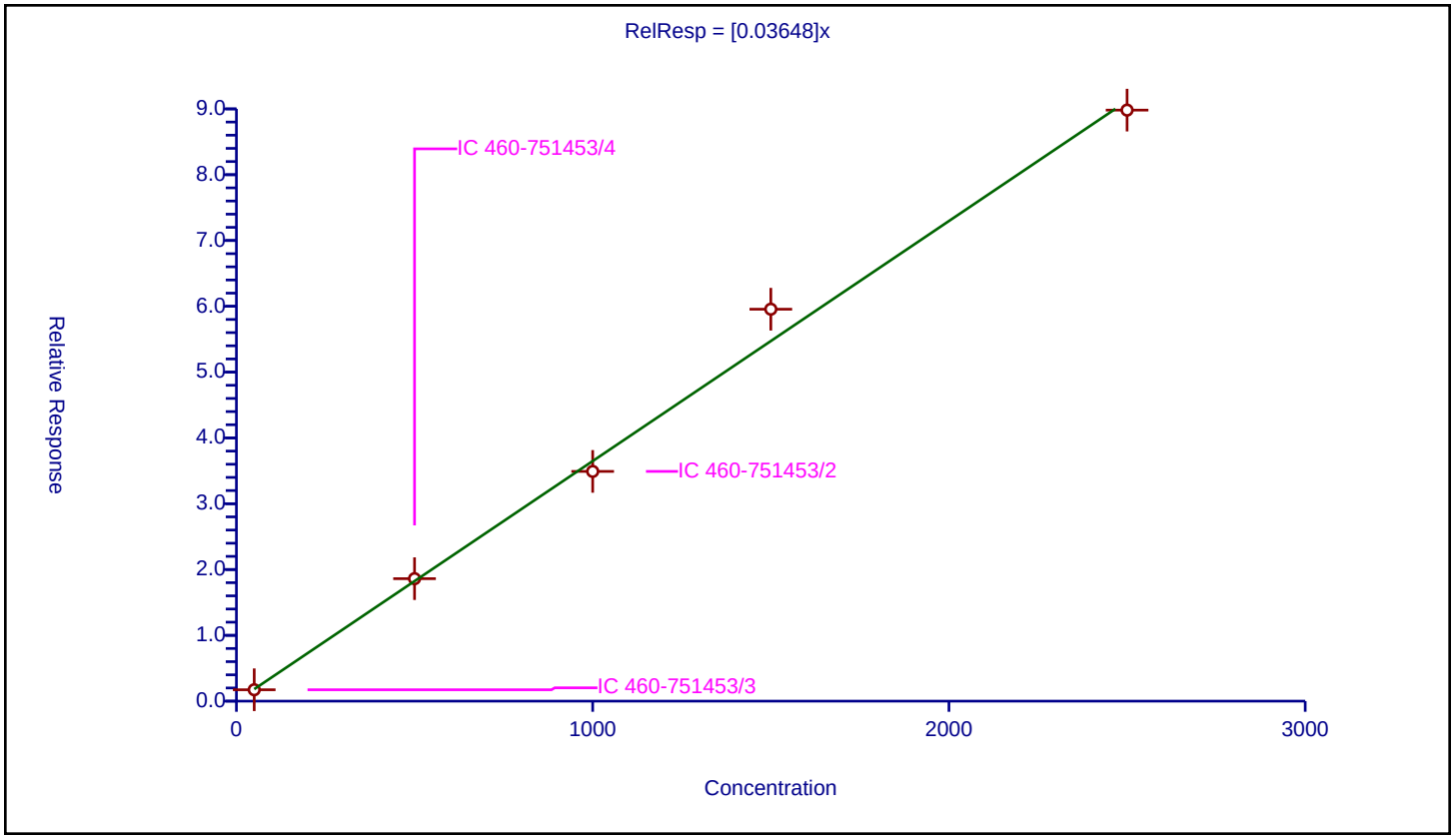
Curve Coefficients

Intercept:	0
Slope:	0.03648

Error Coefficients

Standard Error:	63400000
Relative Standard Error:	5.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.731769	20.0	21404244.0	0.034635	Y
2	IC 460-751453/4	500.0	18.610009	20.0	22610949.0	0.03722	Y
3	IC 460-751453/2	1000.0	34.910118	20.0	21943880.0	0.03491	Y
4	IC 460-751453/5	1500.0	59.559869	20.0	21711926.0	0.039707	Y
5	IC 460-751453/6	2500.0	89.81571	20.0	22255767.0	0.035926	Y



Calibration / PCB-1260 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

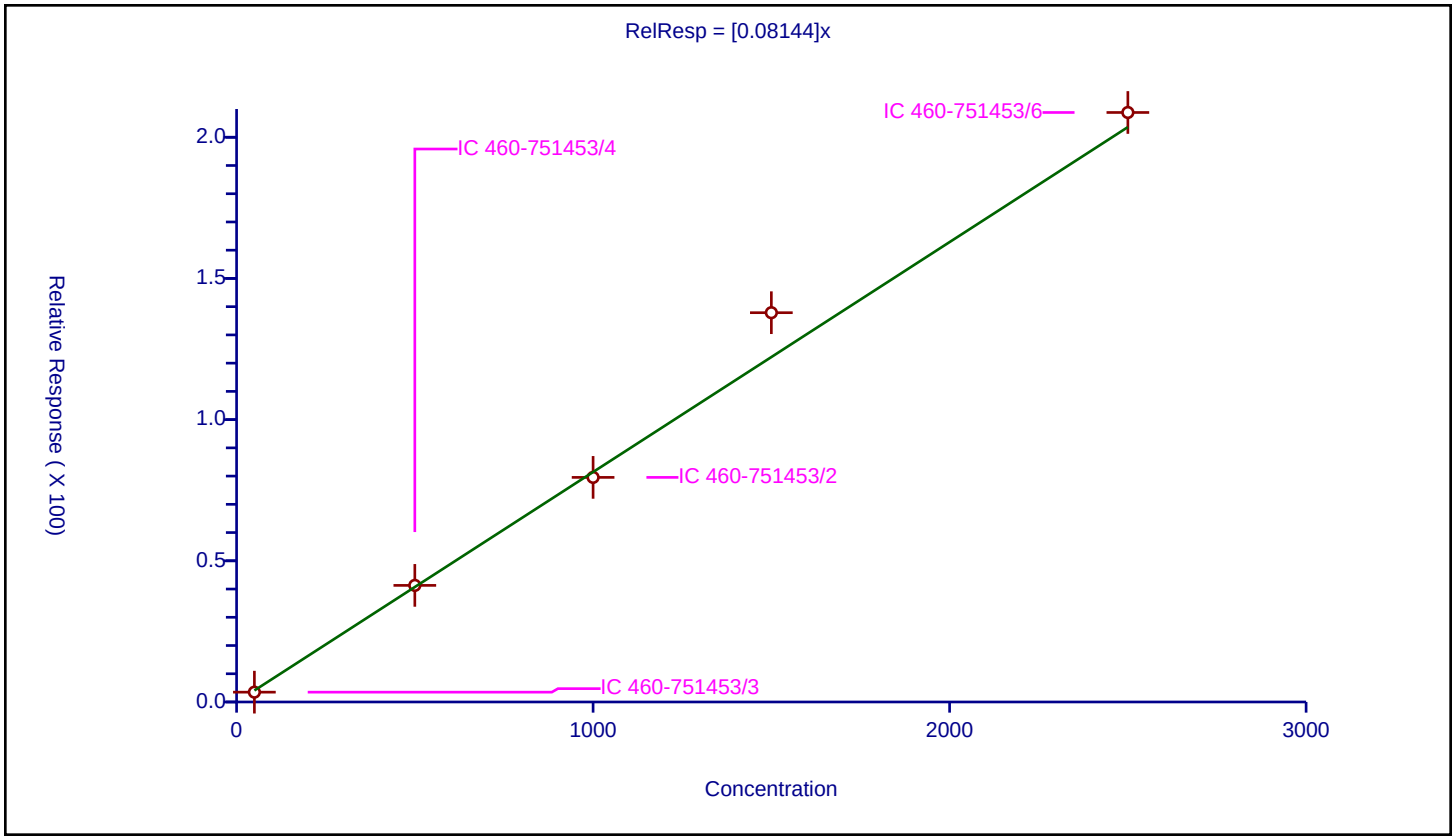
Curve Coefficients

Intercept:	0
Slope:	0.08144

Error Coefficients

Standard Error:	147000000
Relative Standard Error:	9.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	3.481619	20.0	21404244.0	0.069632	Y
2	IC 460-751453/4	500.0	41.297791	20.0	22610949.0	0.082596	Y
3	IC 460-751453/2	1000.0	79.537073	20.0	21943880.0	0.079537	Y
4	IC 460-751453/5	1500.0	137.868231	20.0	21711926.0	0.091912	Y
5	IC 460-751453/6	2500.0	208.771834	20.0	22255767.0	0.083509	Y



Calibration / PCB-1260 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

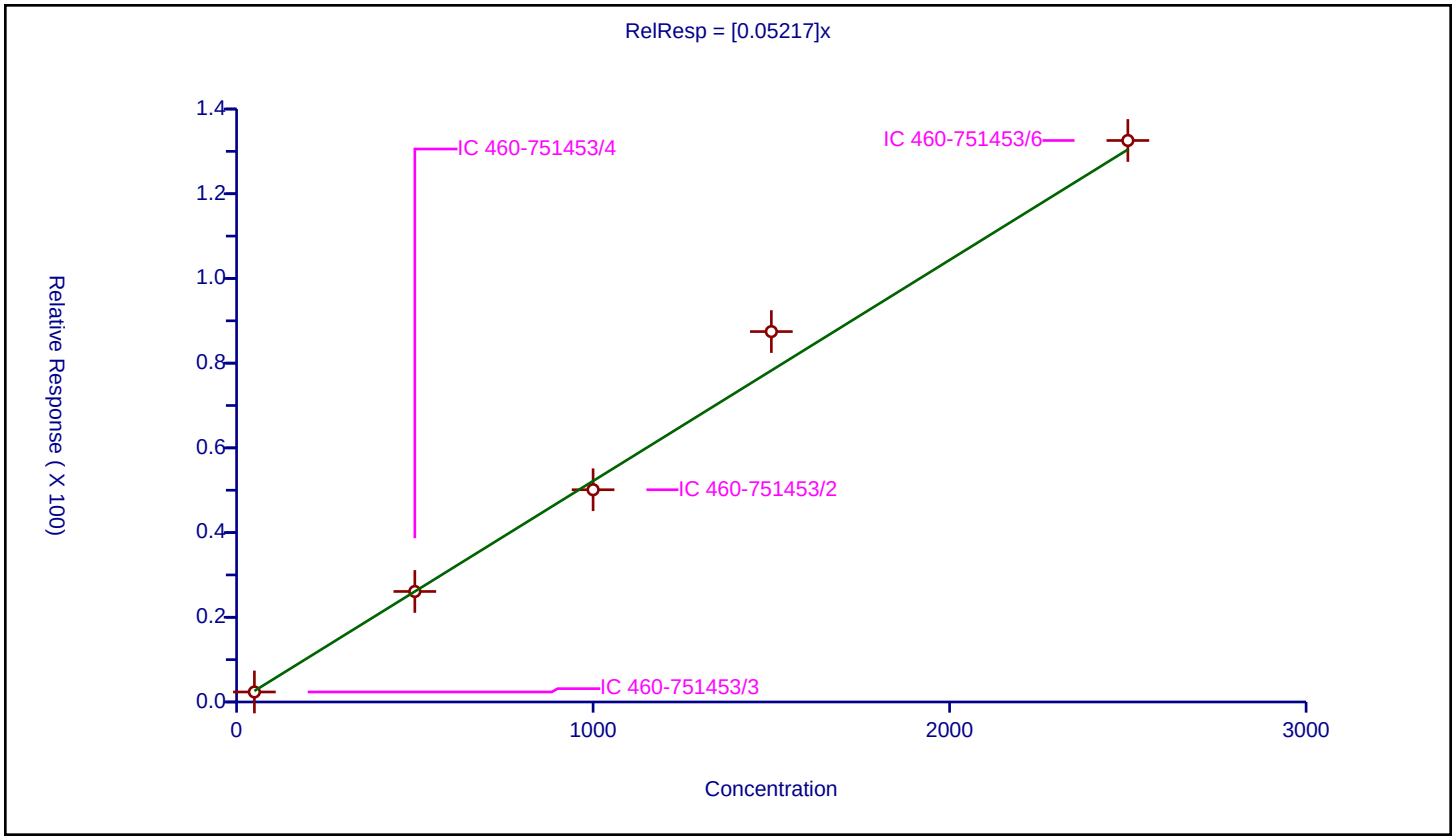
Curve Coefficients

Intercept:	0
Slope:	0.05217

Error Coefficients

Standard Error:	93100000
Relative Standard Error:	7.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	2.36208	20.0	21404244.0	0.047242	Y
2	IC 460-751453/4	500.0	26.093596	20.0	22610949.0	0.052187	Y
3	IC 460-751453/2	1000.0	50.114596	20.0	21943880.0	0.050115	Y
4	IC 460-751453/5	1500.0	87.454055	20.0	21711926.0	0.058303	Y
5	IC 460-751453/6	2500.0	132.567658	20.0	22255767.0	0.053027	Y



Calibration / PCB-1260 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

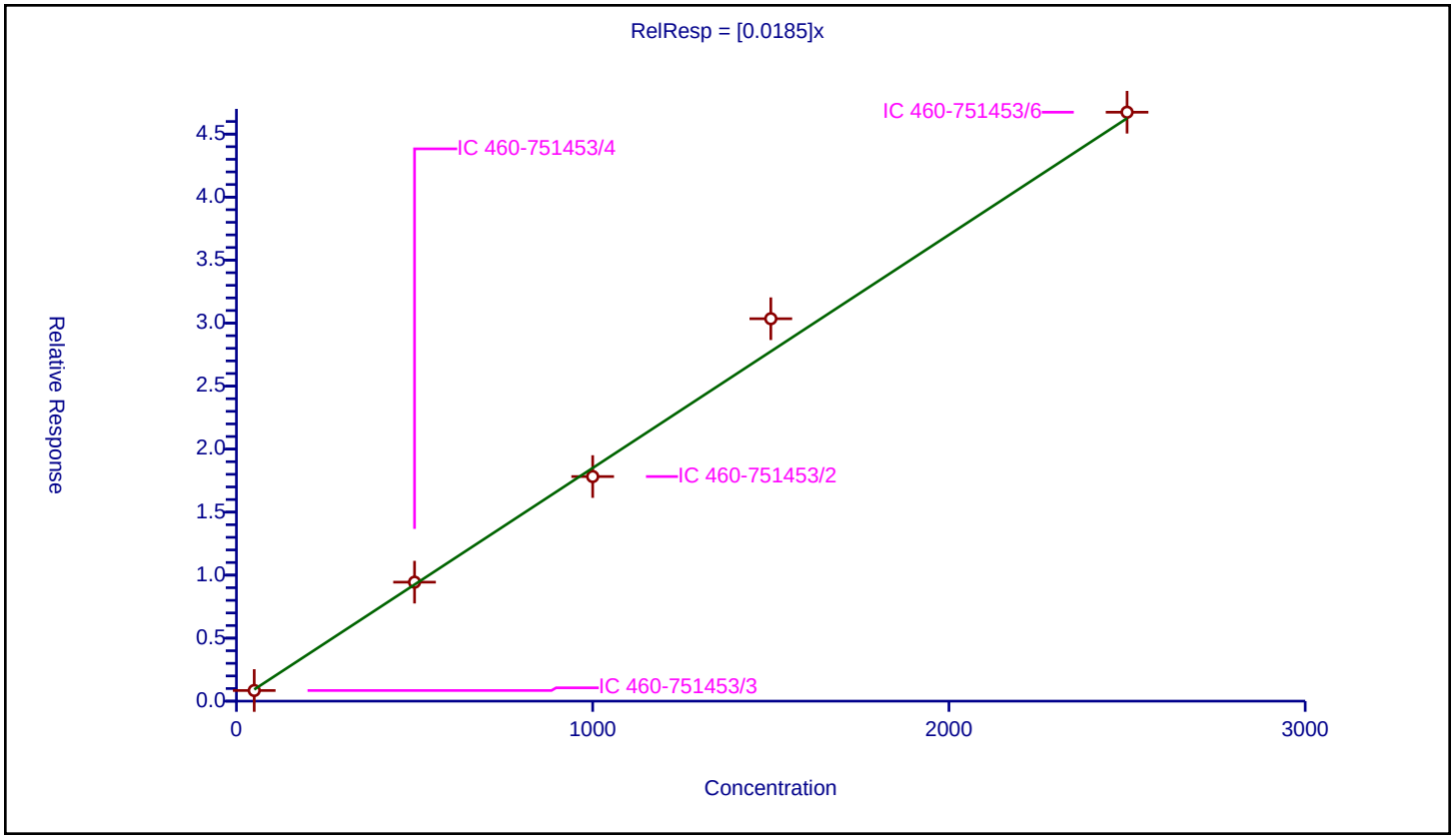
Curve Coefficients

Intercept:	0
Slope:	0.0185

Error Coefficients

Standard Error:	32700000
Relative Standard Error:	6.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	0.84398	20.0	21404244.0	0.01688	Y
2	IC 460-751453/4	500.0	9.441858	20.0	22610949.0	0.018884	Y
3	IC 460-751453/2	1000.0	17.822418	20.0	21943880.0	0.017822	Y
4	IC 460-751453/5	1500.0	30.348424	20.0	21711926.0	0.020232	Y
5	IC 460-751453/6	2500.0	46.736784	20.0	22255767.0	0.018695	Y



Calibration / DCB Decachlorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

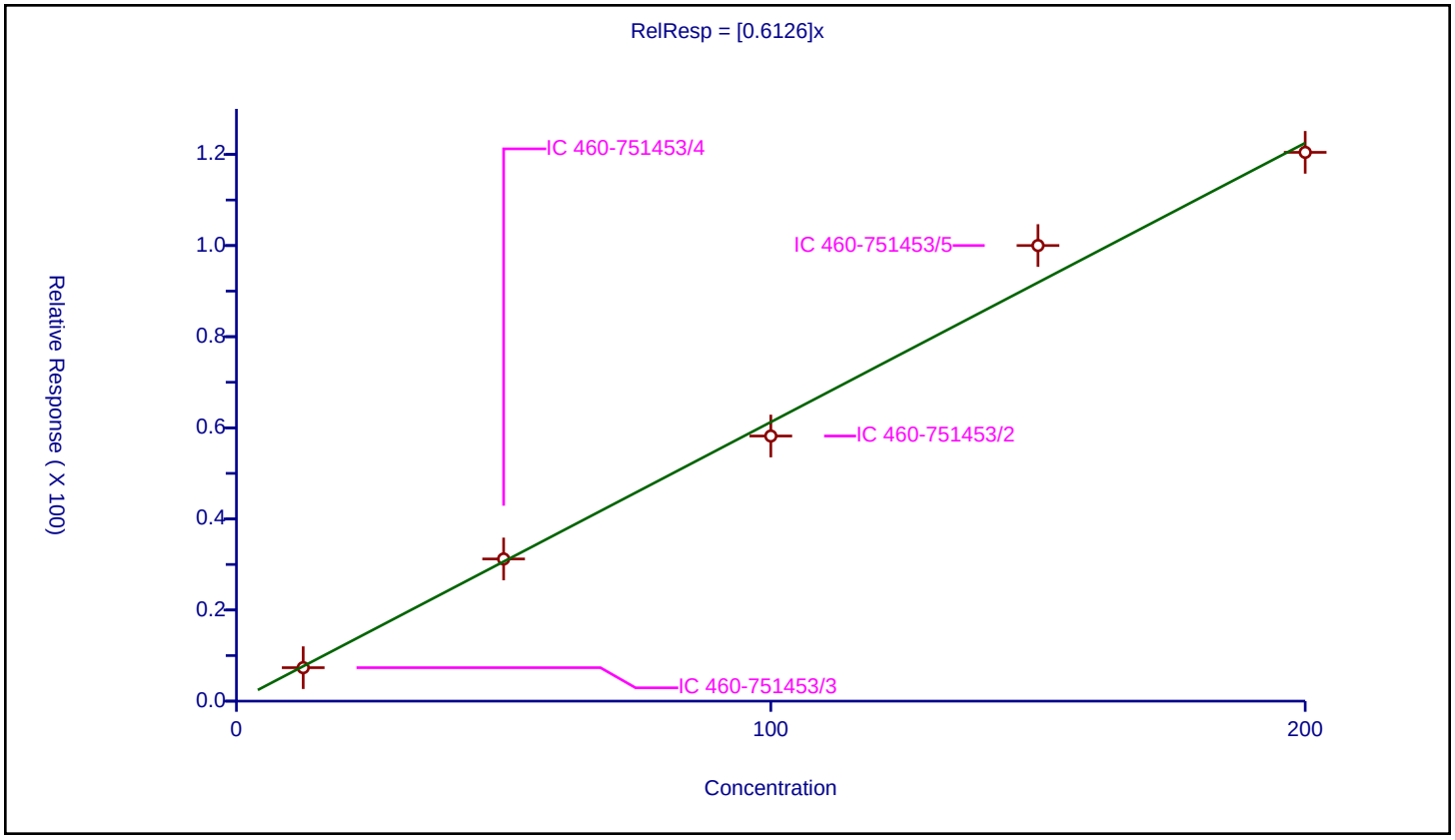
Curve Coefficients

Intercept:	0
Slope:	0.6126

Error Coefficients

Standard Error:	93700000
Relative Standard Error:	5.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	12.5	7.347514	20.0	21404244.0	0.587801	Y
2	IC 460-751453/4	50.0	31.207734	20.0	22610949.0	0.624155	Y
3	IC 460-751453/2	100.0	58.195172	20.0	21943880.0	0.581952	Y
4	IC 460-751453/5	150.0	100.008073	20.0	21711926.0	0.66672	Y
5	IC 460-751453/6	200.0	120.463587	20.0	22255767.0	0.602318	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 10:43 Calibration End Date: 01/07/2021 11:47 Calibration ID: 83339

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/3	13F0008253.D
Level 2	IC 460-751453/4	13F0008254.D
Level 3	IC 460-751453/2	13F0008252.D
Level 4	IC 460-751453/5	13F0008255.D
Level 5	IC 460-751453/6	13F0008256.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0197	0.0175	0.0163	0.0178	0.0155	Ave		0.0174				9.1		20.0			
PCB-1016 Peak 2	0.0355	0.0333	0.0311	0.0349	0.0310	Ave		0.0332				6.3		20.0			
PCB-1016 Peak 3	0.0233	0.0228	0.0212	0.0235	0.0210	Ave		0.0224				5.3		20.0			
PCB-1016 Peak 4	0.0631	0.0680	0.0659	0.0767	0.0693	Ave		0.0686				7.4		20.0			
PCB-1016 Peak 5	0.0277	0.0287	0.0271	0.0309	0.0277	Ave		0.0284				5.2		20.0			
PCB-1016 Peak 6	0.0163	0.0184	0.0172	0.0195	0.0176	Ave		0.0178				6.9		20.0			
PCB-1016 Peak 7	0.0314	0.0294	0.0273	0.0310	0.0278	Ave		0.0294				6.2		20.0			
PCB-1016 Peak 8	0.0170	0.0163	0.0150	0.0170	0.0153	Ave		0.0161				5.9		20.0			
PCB-1260 Peak 1	0.0422	0.0429	0.0405	0.0467	0.0422	Ave		0.0429				5.4		20.0			
PCB-1260 Peak 2	0.0770	0.0792	0.0753	0.0868	0.0783	Ave		0.0793				5.6		20.0			
PCB-1260 Peak 3	0.0354	0.0362	0.0342	0.0392	0.0355	Ave		0.0361				5.2		20.0			
PCB-1260 Peak 4	0.0369	0.0390	0.0371	0.0426	0.0391	Ave		0.0390				5.8		20.0			
PCB-1260 Peak 5	0.0860	0.0963	0.0917	0.1068	0.0881	Ave		0.0938				8.8		20.0			
PCB-1260 Peak 6	0.0389	0.0424	0.0414	0.0482	0.0448	Ave		0.0431				8.2		20.0			
PCB-1260 Peak 7	0.0288	0.0272	0.0254	0.0285	0.0261	Ave		0.0272				5.5		20.0			
PCB-1260 Peak 8	0.0241	0.0231	0.0214	0.0241	0.0216	Ave		0.0229				5.7		20.0			
Tetrachloro-m-xylene	0.8780	1.0043	0.9527	1.0697	0.9628	Ave		0.9735				7.2		20.0			
DCB Decachlorobiphenyl	0.7671	0.8119	0.7505	0.8569	0.7630	Ave		0.7899				5.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 10:43 Calibration End Date: 01/07/2021 11:47 Calibration ID: 83339

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/3	13F0008253.D
Level 2	IC 460-751453/4	13F0008254.D
Level 3	IC 460-751453/2	13F0008252.D
Level 4	IC 460-751453/5	13F0008255.D
Level 5	IC 460-751453/6	13F0008256.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	799049	7459029	13526244	21978329	32749240	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	1440055	14163937	25760139	43237055	65490030	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	946182	9707691	17526992	29063952	44357842	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	2560605	28937952	54560066	94847351	146445917	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	1122897	12236349	22446204	38175890	58526054	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	661052	7838645	14264541	24185672	37086412	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	1274751	12497853	22607966	38330990	58688755	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	690998	6952127	12423637	21045036	32226789	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	1713607	18260541	33486286	57830551	89042119	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	3127729	33723805	62284368	107333231	165408963	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	1438052	15423460	28305514	48474148	75054972	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	1500533	16602967	30726345	52692682	82649196	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	3493292	41013773	75894462	132137525	186136555	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	1579048	18032313	34241461	59663020	94704132	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	1170321	11577408	20996194	35242758	55065784	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	977723	9829710	17733090	29823214	45633108	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	8914200	42755874	78828799	132336212	162675052	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	7788390	34563897	62103270	106015882	128916037	12.5	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008252.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 07-Jan-2021 10:43:59 ALS Bottle#: 6 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 3
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 14:59:35 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 11:14:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.694	1.694	0.000	21943880	20.0	20.0	
2	1.404	1.404	0.000	16549019	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.669	2.669	0.000	100710790	100.0	96.4	M
2	2.054	2.054	0.000	78828799	100.0	97.9	M
						RPD = 1.45	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.283	3.283	0.000	16966103	1000.0	940.0	M
1	3.791	3.791	0.000	34786306	1000.0	942.3	M
1	4.362	4.362	0.000	70071415	1000.0	953.5	M
1	4.531	4.531	0.000	29065878	1000.0	975.7	M
1	4.656	4.656	0.000	17304031	1000.0	955.2	M
1	5.119	5.119	0.000	21418651	1000.0	955.8	M
1	5.270	5.270	0.000	24803023	1000.0	951.6	M
1	5.657	5.657	0.000	20613702	1000.0	946.7	M
		Average of Peak Amounts =				952.6	
2	2.432	2.432	0.000	13526244	1000.0	941.5	M
2	2.811	2.811	0.000	25760139	1000.0	938.7	M
2	3.030	3.030	0.000	17526992	1000.0	947.5	M
2	3.324	3.324	0.000	54560066	1000.0	961.3	M
2	3.474	3.474	0.000	22446204	1000.0	954.6	M
2	3.543	3.543	0.000	14264541	1000.0	968.1	M
2	3.944	3.944	0.000	22607966	1000.0	930.3	M
2	4.387	4.387	0.000	12423637	1000.0	931.1	M
		Average of Peak Amounts =				946.6	
						RPD = 0.63	
8 PCB-1260							M
1	6.666	6.666	0.000	20401674	1000.0	946.1	M
1	6.926	6.926	0.000	46042672	1000.0	944.2	M
1	7.299	7.299	0.000	52331490	1000.0	945.0	M
1	8.146	8.146	0.000	36705759	1000.0	947.7	M
1	8.747	8.747	0.000	38303172	1000.0	957.0	M
1	9.325	9.325	0.000	87267599	1000.0	976.7	M
1	9.929	9.929	0.000	54985434	1000.0	960.5	M
1	10.619	10.619	0.000	19554650	1000.0	963.2	M
		Average of Peak Amounts =				955.1	
2	5.379	5.379	0.000	33486286	1000.0	943.5	M
2	5.728	5.728	0.000	62284368	1000.0	949.0	M
2	6.268	6.268	0.000	28305514	1000.0	947.2	M
2	6.629	6.629	0.000	30726345	1000.0	953.1	M
2	7.141	7.141	0.000	75894462	1000.0	977.8	M
2	7.628	7.628	0.000	34241461	1000.0	959.3	M
2	7.787	7.787	0.000	20996194	1000.0	933.3	M
2	8.882	8.882	0.000	17733090	1000.0	937.4	M
		Average of Peak Amounts =				950.1	
						RPD = 0.52	
$ 11 DCB Decachlorobiphenyl							M
1	11.173	11.173	0.000	63851393	100.0	95.0	
2	9.793	9.793	0.000	62103270	100.0	95.0	M
						RPD = 0.02	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L3_00038	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 14:59:36 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008252.D

Injection Date: 07-Jan-2021 10:43:59 Instrument ID: CPESTGC13 Operator ID:

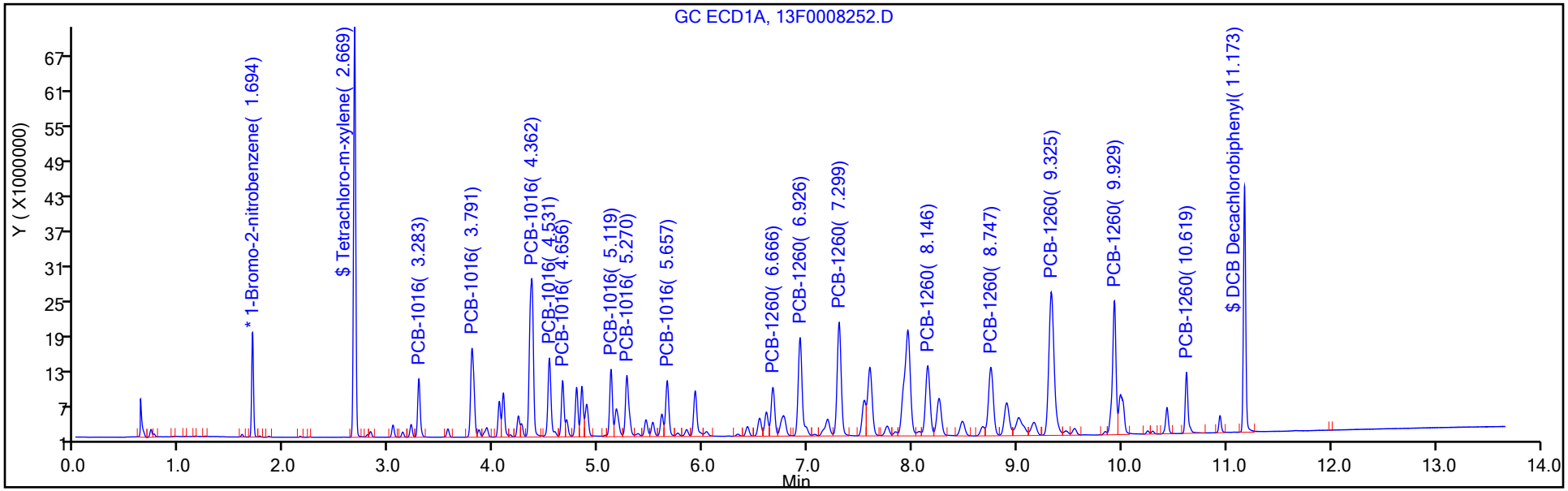
Lims ID: IC PCB 3 Worklist Smp#: 2

Client ID:

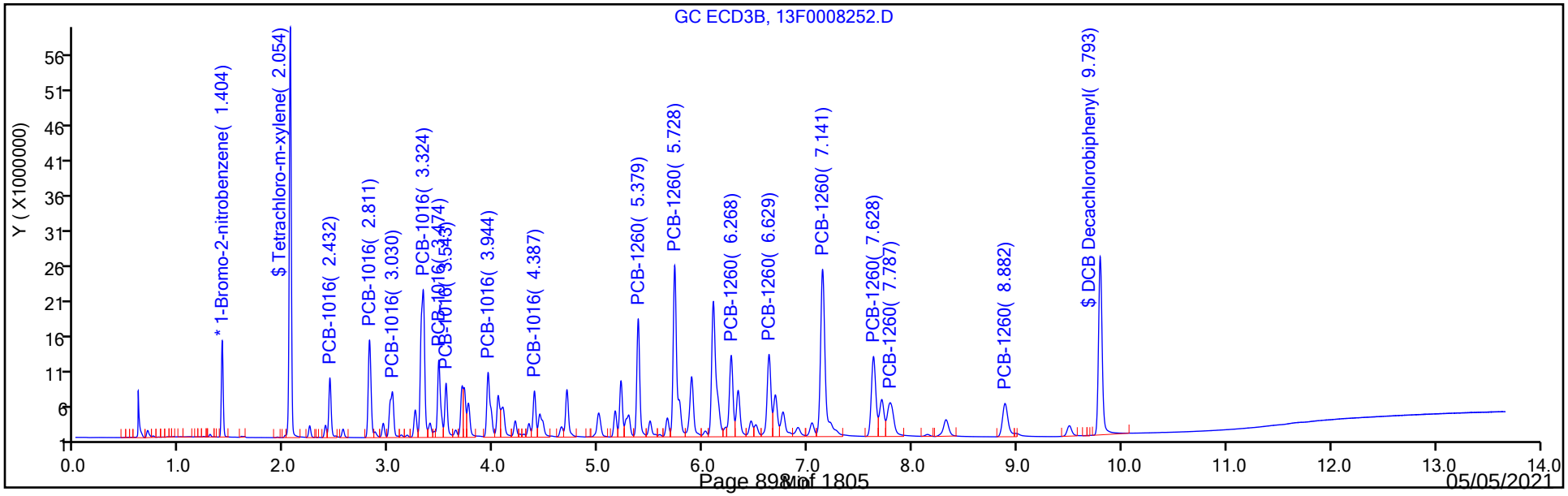
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

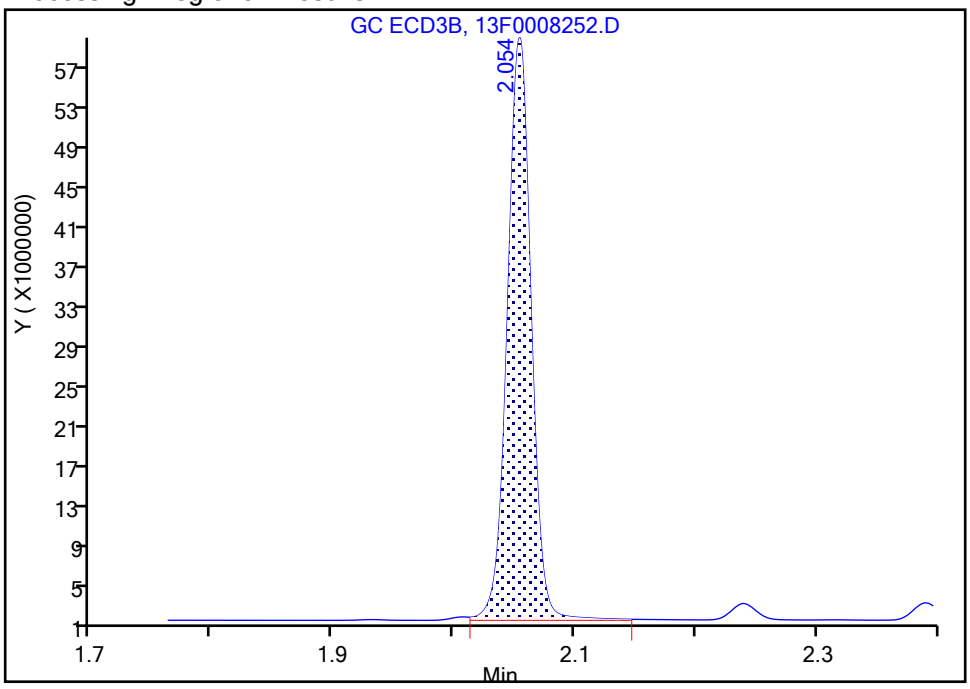
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008252.D				
Injection Date:	07-Jan-2021 10:43:59	Instrument ID:	CPESTGC13		
Lims ID:	IC PCB 3				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 2

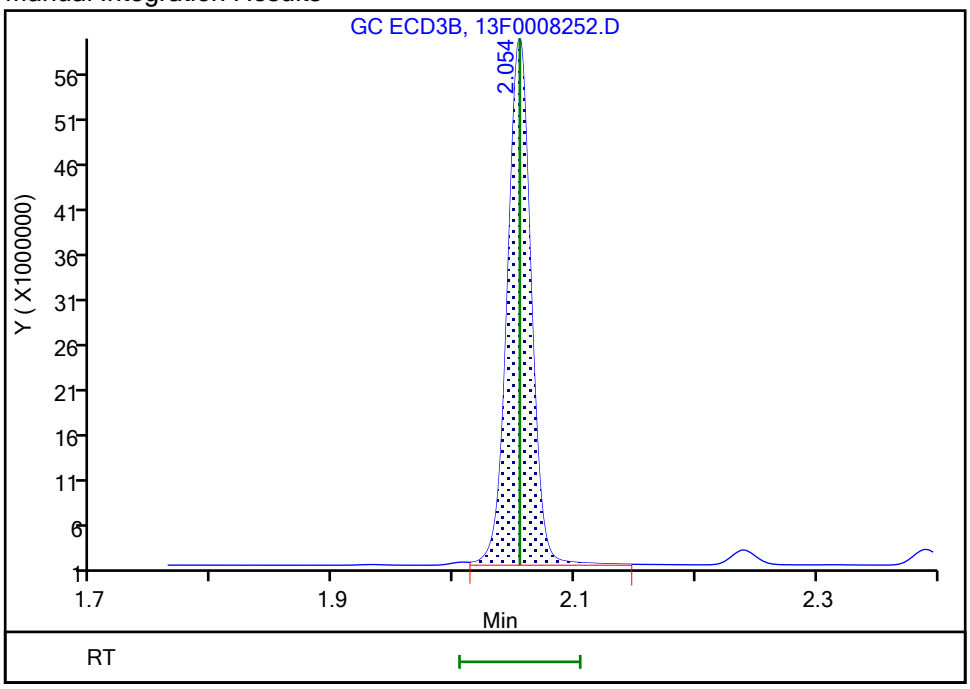
Processing Integration Results

RT: 2.05
Area: 78344984
Amount: 97.948773
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 78828799
Amount: 97.860700
Amount Units: ug/l



Reviewer: patelji, 07-Jan-2021 13:26:32

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Report Date: 07-Jan-2021 14:59:36 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008252.D

Injection Date: 07-Jan-2021 10:43:59 Instrument ID: CPESTGC13

Lims ID: IC PCB 3

Client ID:

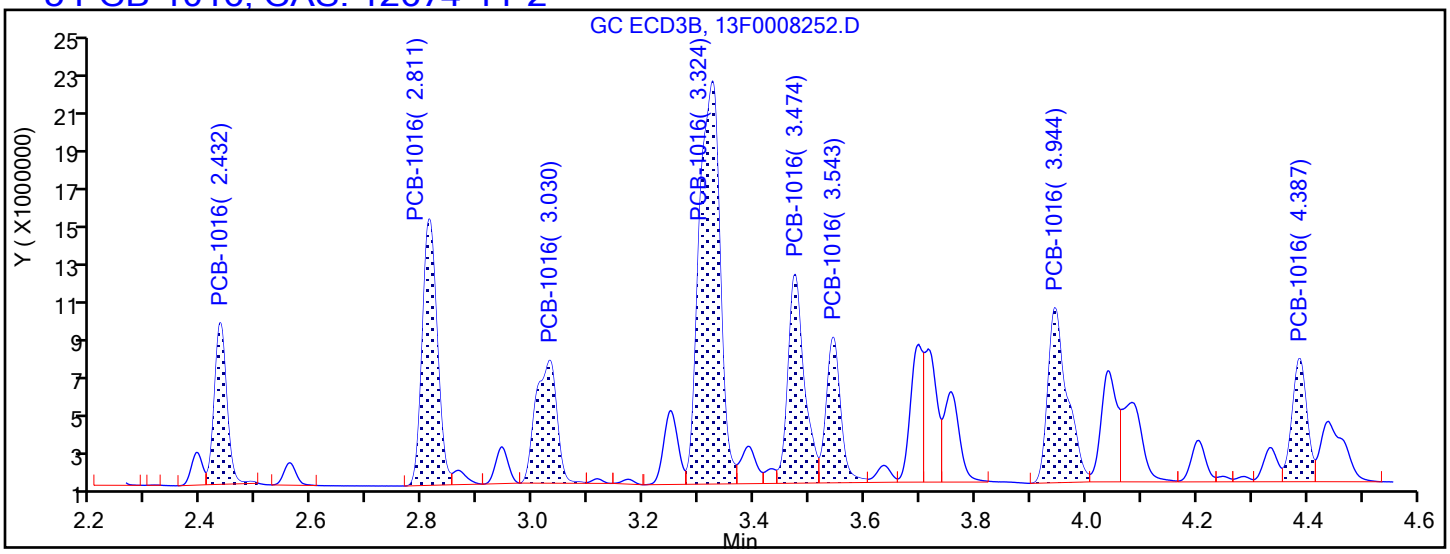
Operator ID: ALS Bottle#: 6 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

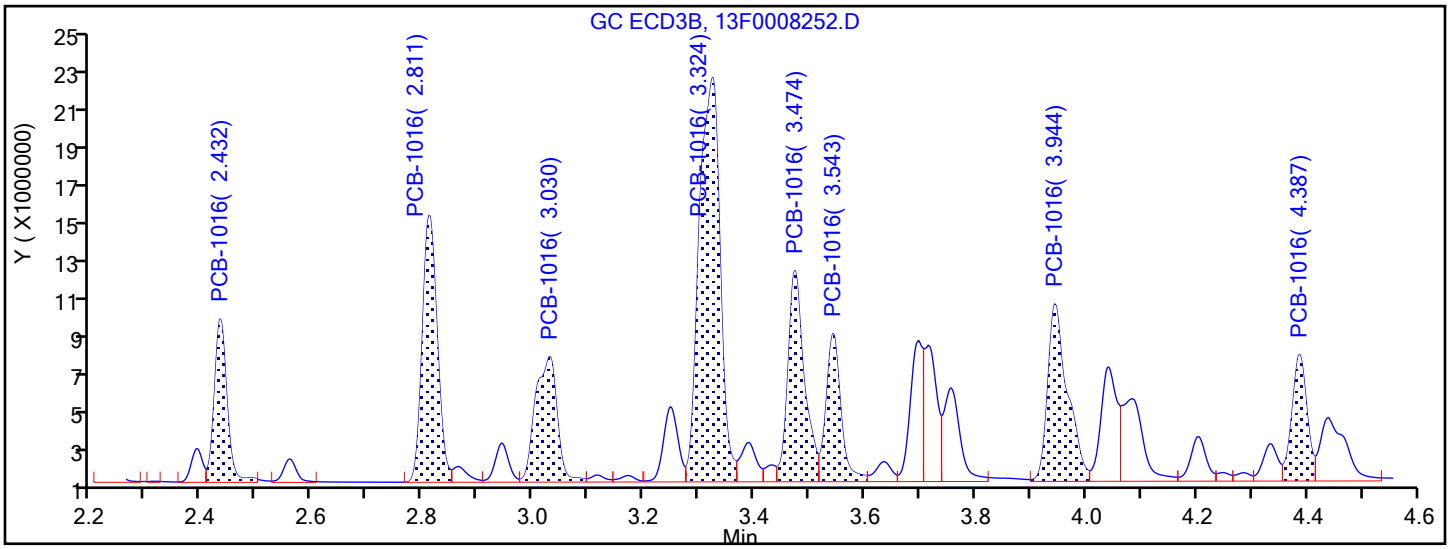
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.432	Response = 12914189
2.811	Response = 25584906
3.030	Response = 16534968
3.324	Response = 54106332
3.474	Response = 21892217
3.543	Response = 13517730
3.944	Response = 21773574
4.387	Response = 11852158



Manual Integration Results

2.432	Response = 13526244	M
2.811	Response = 25760139	M
3.030	Response = 17526992	M
3.324	Response = 54560066	M
3.474	Response = 22446204	M
3.543	Response = 14264541	M

Report Date: 07-Jan-2021 14:59:37 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008252.D

Injection Date: 07-Jan-2021 10:43:59 Instrument ID: CPESTGC13

Lims ID: IC PCB 3

Client ID:

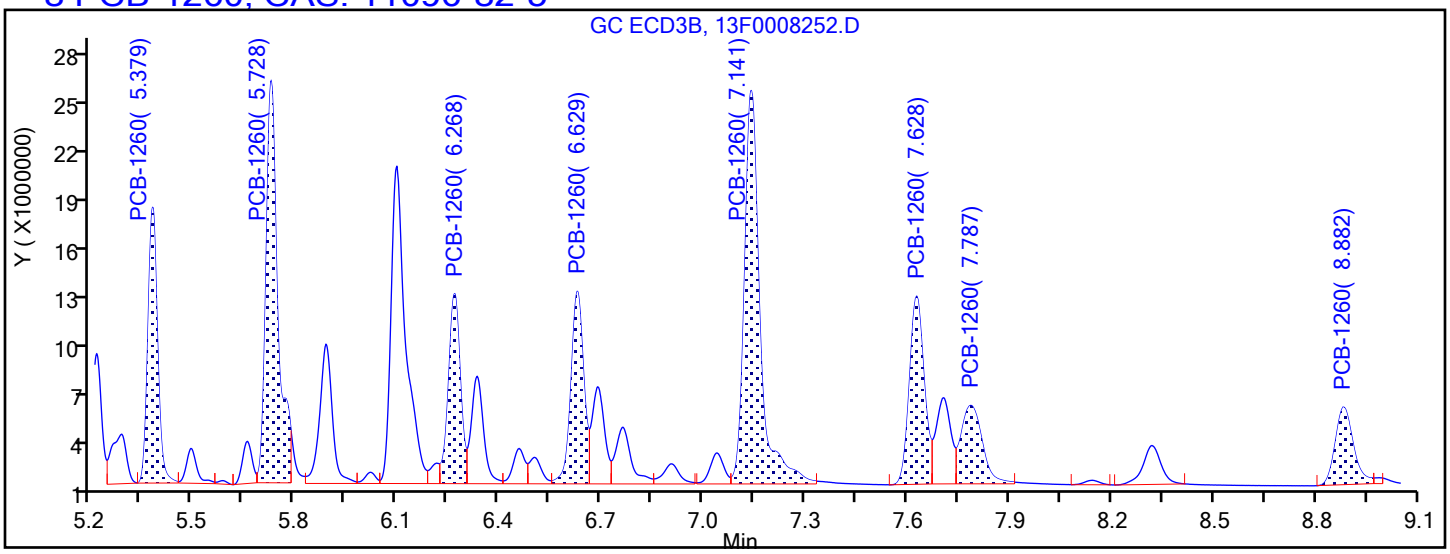
Operator ID: ALS Bottle#: 6 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

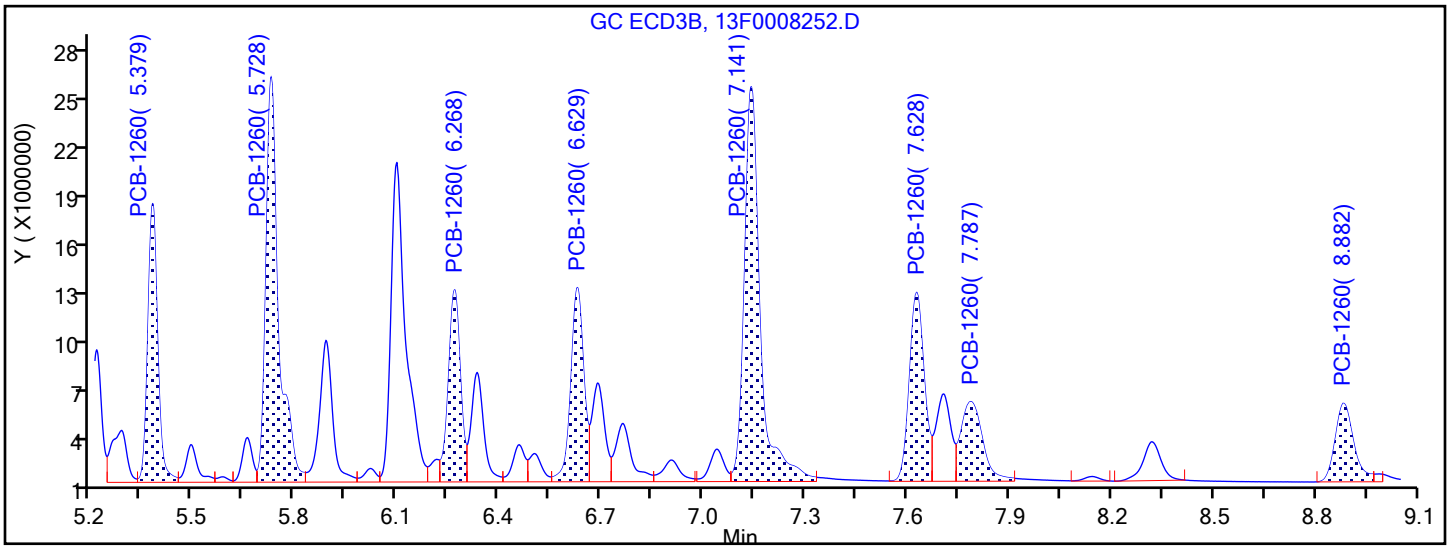
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.379	Response = 32164989
5.728	Response = 58066026
6.268	Response = 27705171
6.629	Response = 30035693
7.141	Response = 74643448
7.628	Response = 33904410
7.787	Response = 20247772
8.882	Response = 17112622



Manual Integration Results

5.379	Response = 33486286	M
5.728	Response = 62284368	M
6.268	Response = 28305514	M
6.629	Response = 30726345	M
7.141	Response = 75894462	M
7.628	Response = 34241461	M

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

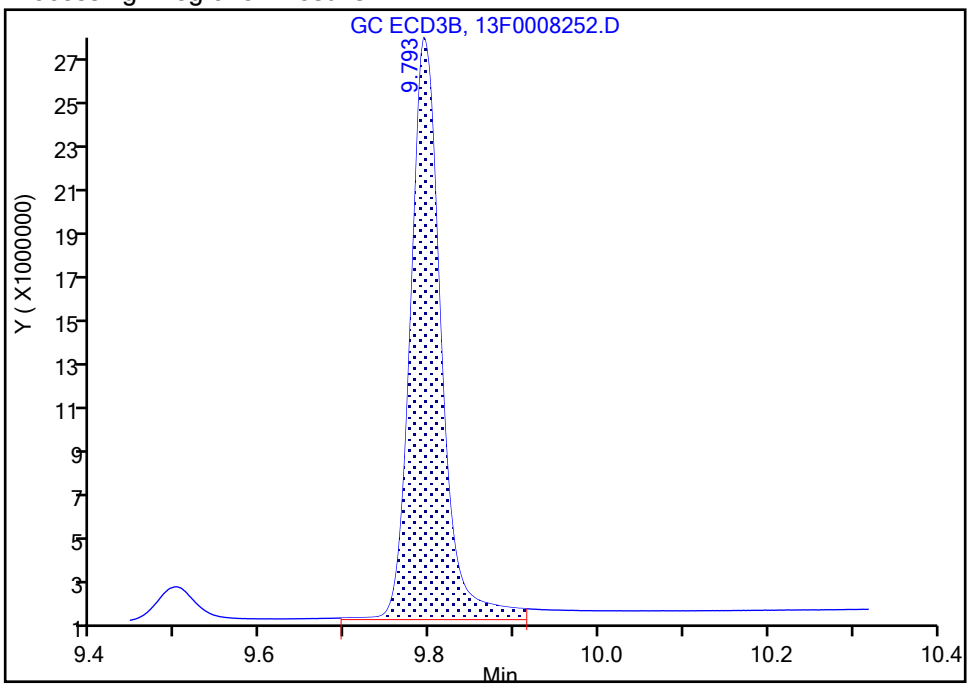
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008252.D
Injection Date: 07-Jan-2021 10:43:59 Instrument ID: CPESTGC13
Lims ID: IC PCB 3
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

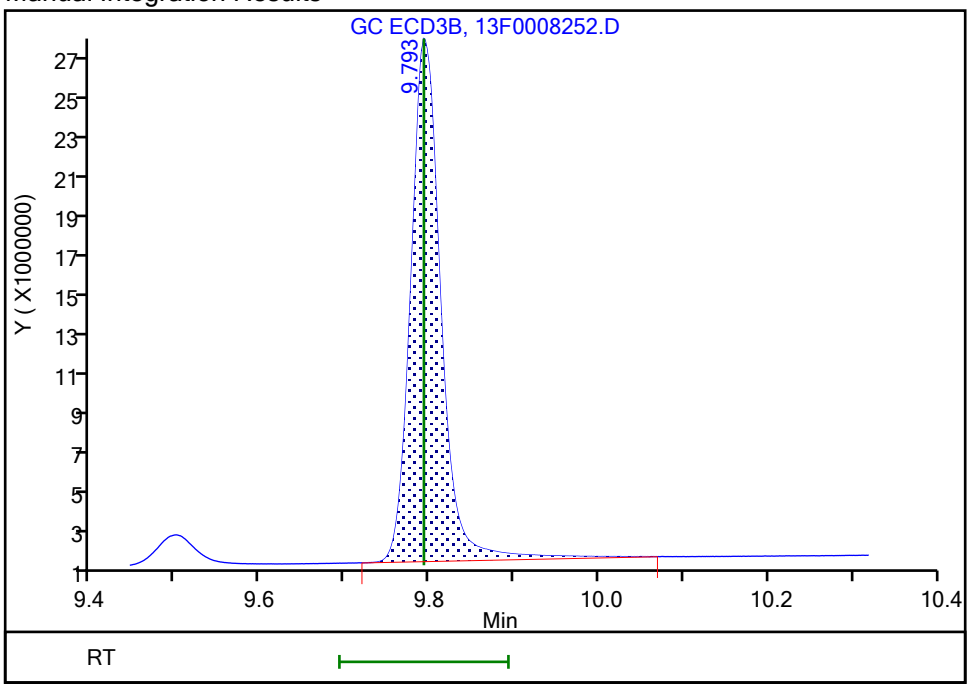
Processing Integration Results

RT: 9.79
Area: 63244425
Amount: 92.723228
Amount Units: ug/l



Manual Integration Results

RT: 9.79
Area: 62103270
Amount: 95.017172
Amount Units: ug/l



Reviewer: patelji, 07-Jan-2021 13:26:42
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008253.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 07-Jan-2021 10:59:44 ALS Bottle#: 7 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 1
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 14:59:42 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 13:23:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.693	1.694	-0.001	21404244	20.0	20.0	
2	1.403	1.404	-0.001	16244298	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.668	2.669	-0.001	11929246	12.5	11.7	M
2	2.053	2.054	-0.001	8914200	12.5	11.3	
						RPD = 3.82	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.283	3.283	0.000	961588	50.0	54.6	M
1	3.790	3.791	-0.001	1897511	50.0	52.7	M
1	4.361	4.362	-0.001	3509495	50.0	49.0	M
1	4.528	4.531	-0.003	1398775	50.0	48.1	M
1	4.657	4.656	0.001	840483	50.0	47.6	M
1	5.120	5.119	0.001	1089823	50.0	49.9	M
1	5.269	5.270	-0.001	1286458	50.0	50.6	M
1	5.655	5.657	-0.002	1105995	50.0	52.1	M
		Average of Peak Amounts =				50.6	
2	2.434	2.432	0.002	799049	50.0	56.7	M
2	2.811	2.811	0.000	1440055	50.0	53.5	M
2	3.030	3.030	0.000	946182	50.0	52.1	M
2	3.322	3.324	-0.002	2560605	50.0	46.0	
2	3.473	3.474	-0.001	1122897	50.0	48.6	M
2	3.542	3.543	-0.001	661052	50.0	45.7	M
2	3.944	3.944	0.000	1274751	50.0	53.4	M
2	4.387	4.387	0.000	690998	50.0	52.8	M
		Average of Peak Amounts =				51.1	
						RPD = 1.04	
8 PCB-1260							M
1	6.668	6.666	0.002	1040945	50.0	49.5	M
1	6.927	6.926	0.001	2351678	50.0	49.4	M
1	7.301	7.299	0.002	2643186	50.0	48.9	M
1	8.147	8.146	0.001	1859756	50.0	49.2	M
1	8.749	8.747	0.002	1853360	50.0	47.5	M
1	9.328	9.325	0.003	3726071	50.0	42.8	
1	9.929	9.929	0.000	2527927	50.0	45.3	M
1	10.619	10.619	0.000	903238	50.0	45.6	M
		Average of Peak Amounts =				47.3	
2	5.381	5.379	0.002	1713607	50.0	49.2	M
2	5.729	5.728	0.001	3127729	50.0	48.6	M
2	6.269	6.268	0.001	1438052	50.0	49.0	M
2	6.630	6.629	0.001	1500533	50.0	47.4	M
2	7.141	7.141	0.000	3493292	50.0	45.9	M
2	7.629	7.628	0.001	1579048	50.0	45.1	M
2	7.789	7.787	0.002	1170321	50.0	53.0	M
2	8.886	8.882	0.004	977723	50.0	52.7	M
		Average of Peak Amounts =				48.8	
						RPD = 3.26	
$ 11 DCB Decachlorobiphenyl							M
1	11.174	11.173	0.001	7863399	12.5	12.0	M
2	9.796	9.793	0.003	7788390	12.5	12.1	M
						RPD = 1.21	
S 12 Polychlorinated biphenyls, Total							
1						97.8	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L1_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 14:59:43 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008253.D

Injection Date: 07-Jan-2021 10:59:44 Instrument ID: CPESTGC13 Operator ID:

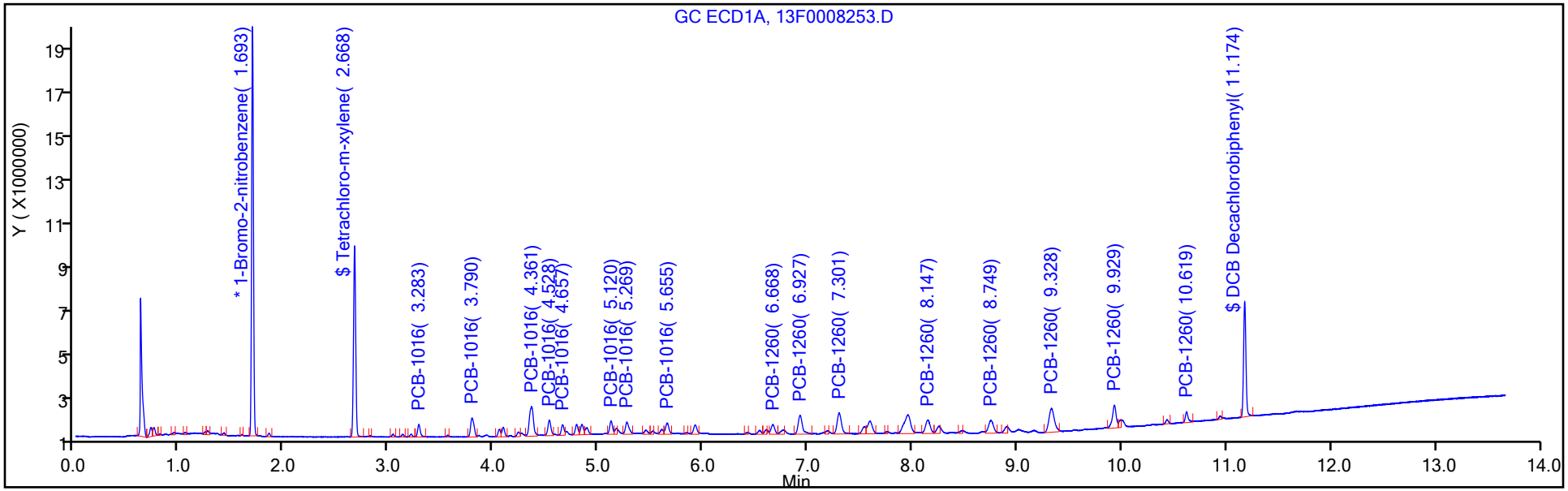
Lims ID: IC PCB 1 Worklist Smp#: 3

Client ID:

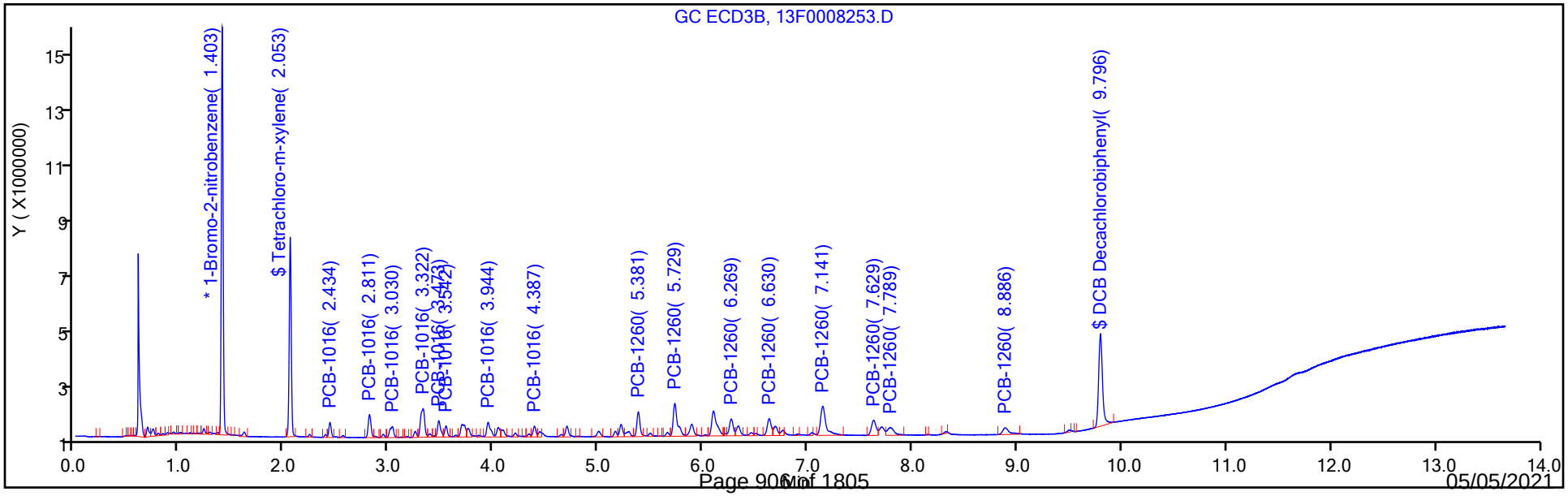
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

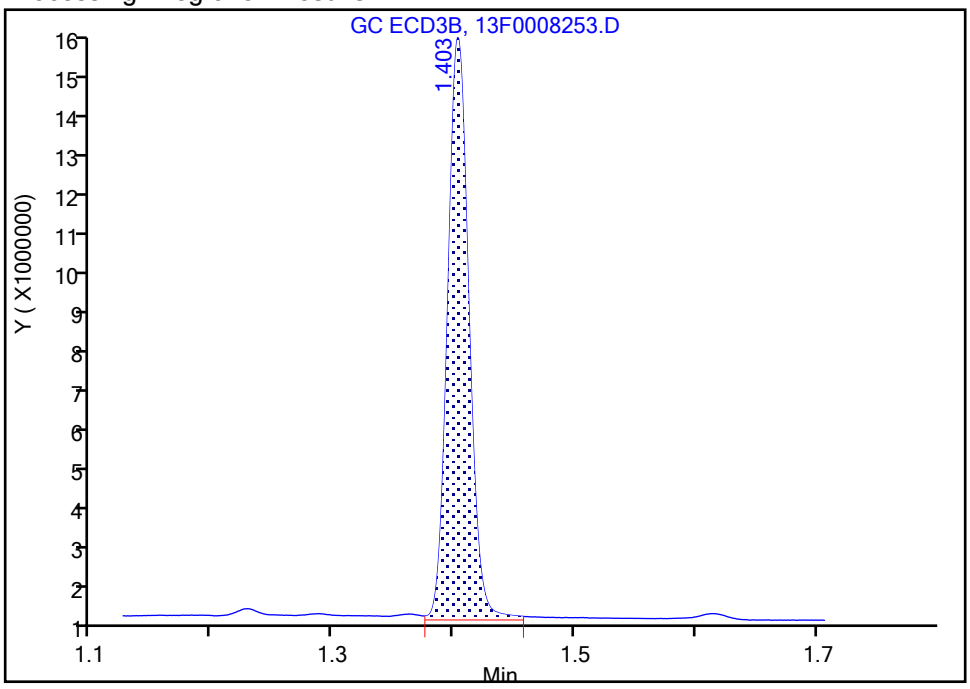
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008253.D				
Injection Date:	07-Jan-2021 10:59:44	Instrument ID:	CPESTGC13		
Lims ID:	IC PCB 1				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

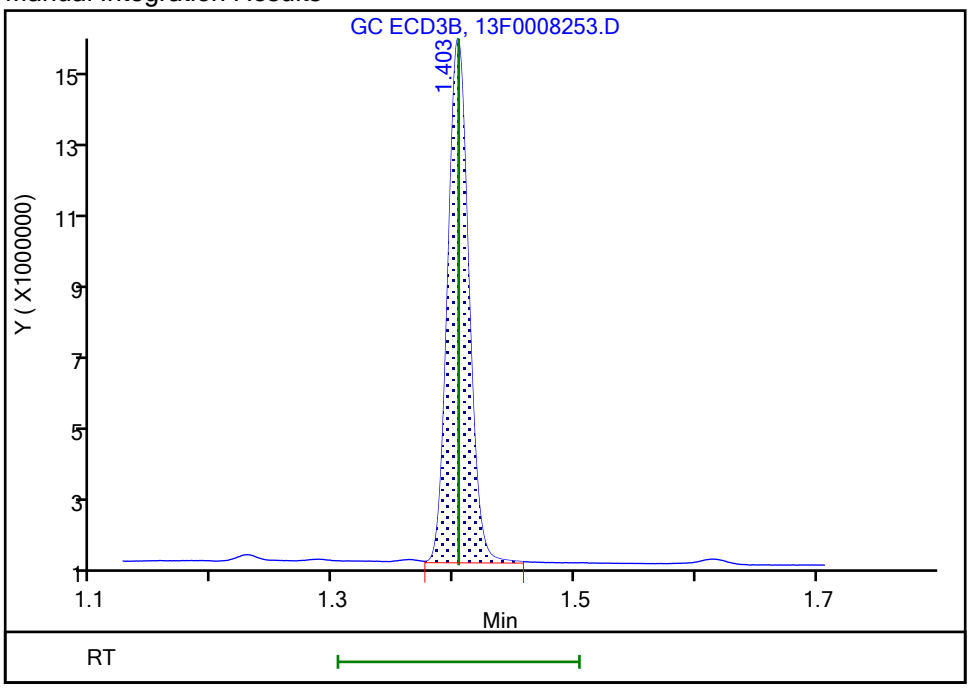
Processing Integration Results

RT: 1.40
Area: 16492593
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.40
Area: 16244298
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 07-Jan-2021 13:33:17
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Report Date: 07-Jan-2021 14:59:43 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008253.D

Injection Date: 07-Jan-2021 10:59:44 Instrument ID: CPESTGC13

Lims ID: IC PCB 1

Client ID:

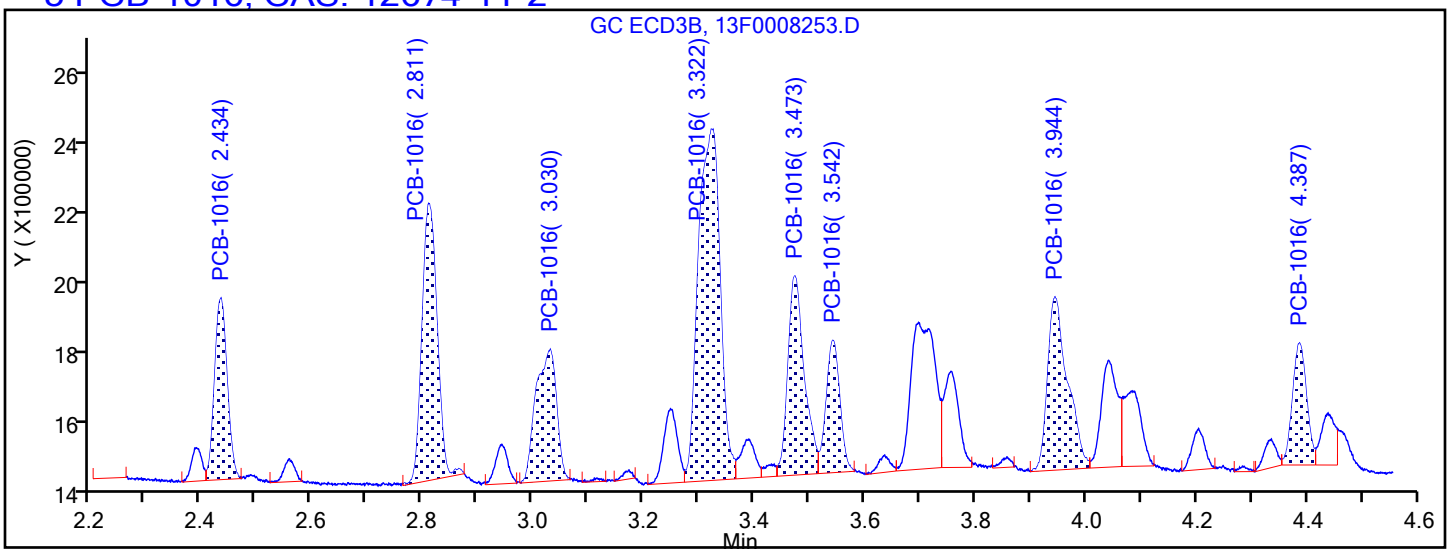
Operator ID: ALS Bottle#: 7 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

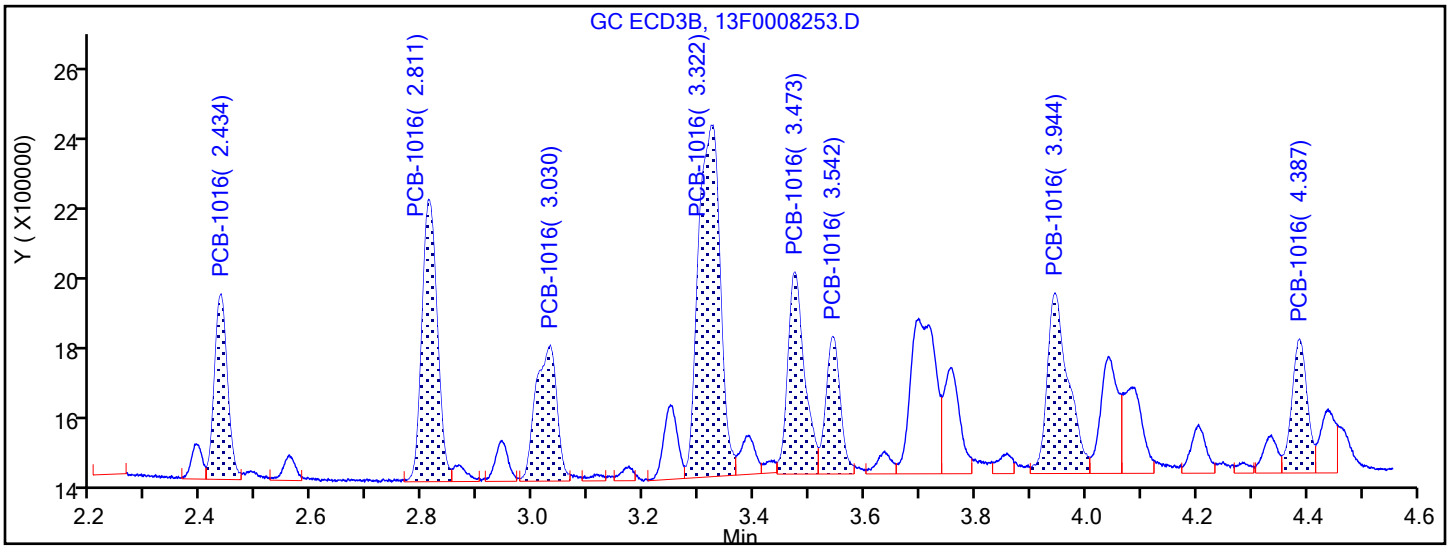
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.434	Response = 761682
2.811	Response = 1390525
3.030	Response = 894691
3.322	Response = 2560605
3.473	Response = 1088378
3.542	Response = 606110
3.944	Response = 1147127
4.387	Response = 575417



Manual Integration Results

2.434	Response = 799049	M
2.811	Response = 1440055	M
3.030	Response = 946182	M
3.322	Response = 2560605	
3.473	Response = 1122897	M
3.542	Response = 661052	M

Report Date: 07-Jan-2021 14:59:44 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008253.D

Injection Date: 07-Jan-2021 10:59:44 Instrument ID: CPESTGC13

Lims ID: IC PCB 1

Client ID:

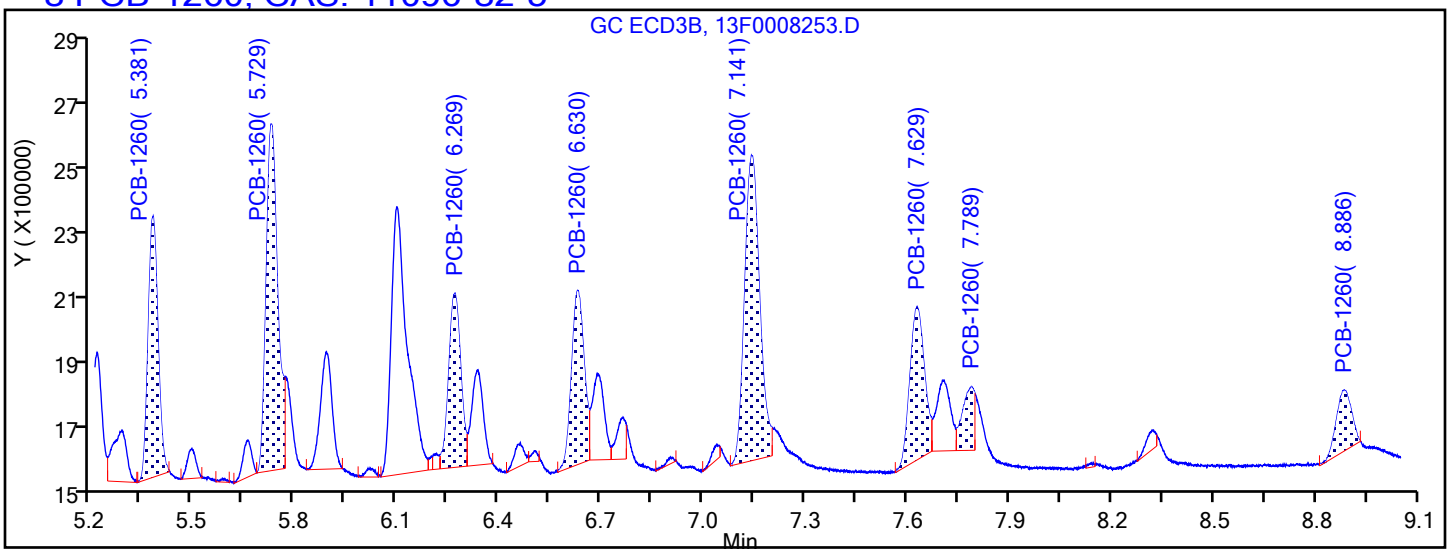
Operator ID: ALS Bottle#: 7 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

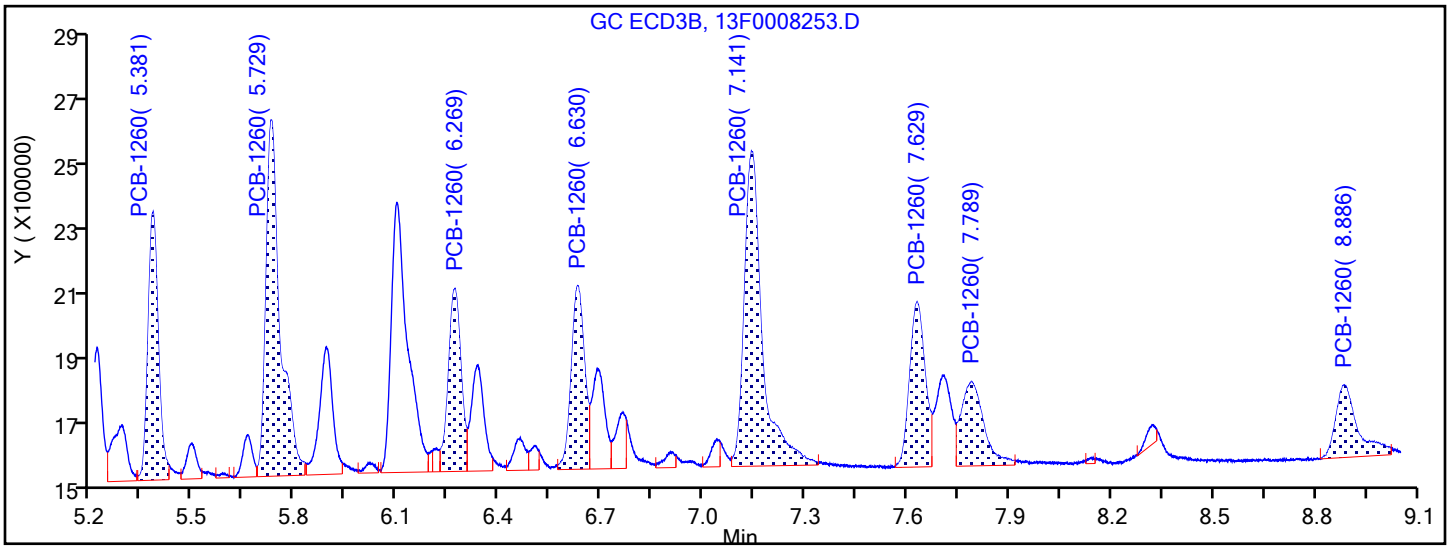
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.381	Response = 1572745
5.729	Response = 2465165
6.269	Response = 1302414
6.630	Response = 1353622
7.141	Response = 2812840
7.629	Response = 1373756
7.789	Response = 458937
8.886	Response = 569445



Manual Integration Results

5.381	Response = 1713607	M
5.729	Response = 3127729	M
6.269	Response = 1438052	M
6.630	Response = 1500533	M
7.141	Response = 3493292	M
7.629	Response = 1579048	M

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

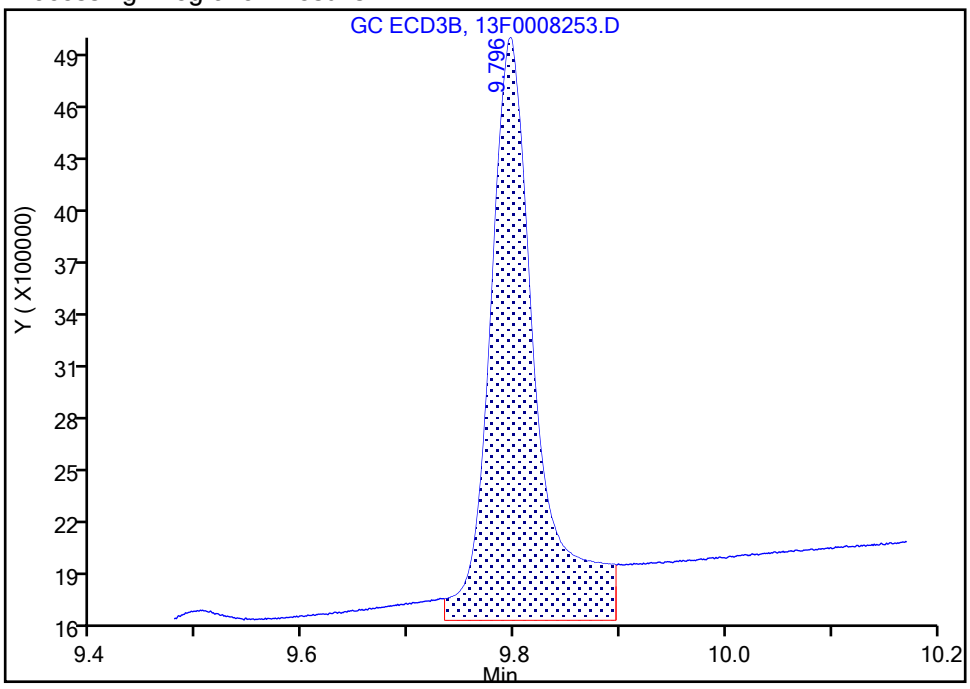
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008253.D				
Injection Date:	07-Jan-2021 10:59:44	Instrument ID:	CPESTGC13		
Lims ID:	IC PCB 1				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

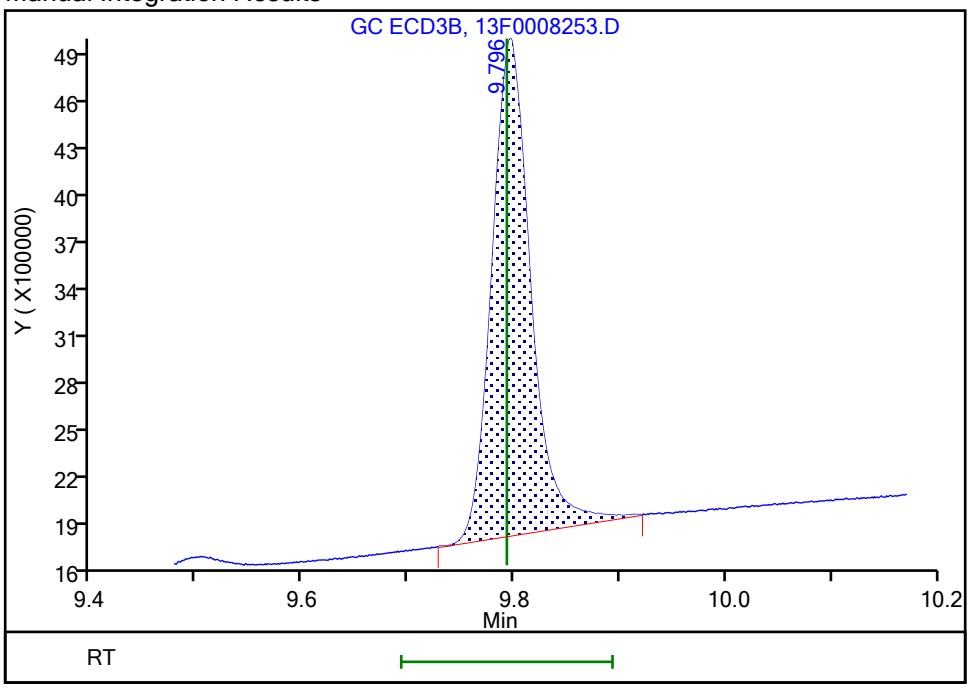
Processing Integration Results

RT: 9.80
Area: 9706270
Amount: 14.234427
Amount Units: ug/l



Manual Integration Results

RT: 9.80
Area: 7788390
Amount: 12.139663
Amount Units: ug/l



Reviewer: patelji, 07-Jan-2021 13:28:30

Audit Action: Manually Integrated Audit Reason: Peak not integrated

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008254.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 07-Jan-2021 11:15:29 ALS Bottle#: 8 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-004
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 14:59:49 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 13:23:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.694	1.694	0.000	22610949	20.0	20.0	
2	1.404	1.404	0.000	17028952	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.670	2.669	0.001	55365770	50.0	51.5	
2	2.054	2.054	0.000	42755874	50.0	51.6	M
						RPD = 0.24	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.284	3.283	0.001	9400281	500.0	505.5	
1	3.792	3.791	0.001	19328234	500.0	508.1	
1	4.362	4.362	0.000	37722516	500.0	498.2	M
1	4.531	4.531	0.000	15748190	500.0	513.0	M
1	4.657	4.656	0.001	9320228	500.0	499.3	M
1	5.120	5.119	0.001	11511829	500.0	498.5	M
1	5.272	5.270	0.002	13473096	500.0	501.7	M
1	5.658	5.657	0.001	11225223	500.0	500.3	M
		Average of Peak Amounts =				503.1	
2	2.433	2.432	0.001	7459029	500.0	504.5	M
2	2.813	2.811	0.002	14163937	500.0	501.6	M
2	3.030	3.030	0.000	9707691	500.0	510.0	M
2	3.324	3.324	0.000	28937952	500.0	495.5	M
2	3.474	3.474	0.000	12236349	500.0	505.7	M
2	3.543	3.543	0.000	7838645	500.0	517.0	M
2	3.945	3.944	0.001	12497853	500.0	499.8	M
2	4.388	4.387	0.001	6952127	500.0	506.3	M
		Average of Peak Amounts =				505.1	
						RPD = 0.39	
8 PCB-1260							M
1	6.666	6.666	0.000	11215189	500.0	504.7	M
1	6.926	6.926	0.000	25183590	500.0	501.2	M
1	7.300	7.299	0.001	28561020	500.0	500.5	M
1	8.146	8.146	0.000	20161282	500.0	505.2	M
1	8.751	8.747	0.004	21039498	500.0	510.1	M
1	9.328	9.325	0.003	46689112	500.0	507.1	M
1	9.928	9.929	-0.001	29500048	500.0	500.1	
1	10.616	10.619	-0.003	10674469	500.0	510.3	M
		Average of Peak Amounts =				504.9	
2	5.379	5.379	0.000	18260541	500.0	500.0	M
2	5.728	5.728	0.000	33723805	500.0	499.4	M
2	6.268	6.268	0.000	15423460	500.0	501.6	M
2	6.631	6.629	0.002	16602967	500.0	500.5	M
2	7.143	7.141	0.002	41013773	500.0	513.5	M
2	7.629	7.628	0.001	18032313	500.0	490.9	M
2	7.788	7.787	0.001	11577408	500.0	500.1	M
2	8.886	8.882	0.004	9829710	500.0	505.0	M
		Average of Peak Amounts =				501.4	
						RPD = 0.71	
$ 11 DCB Decachlorobiphenyl							M
1	11.170	11.173	-0.003	35281824	50.0	50.9	
2	9.795	9.793	0.002	34563897	50.0	51.4	M
						RPD = 0.88	
S 12 Polychlorinated biphenyls, Total							
1						1008.0	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L2_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 14:59:50 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008254.D

Injection Date: 07-Jan-2021 11:15:29 Instrument ID: CPESTGC13 Operator ID:

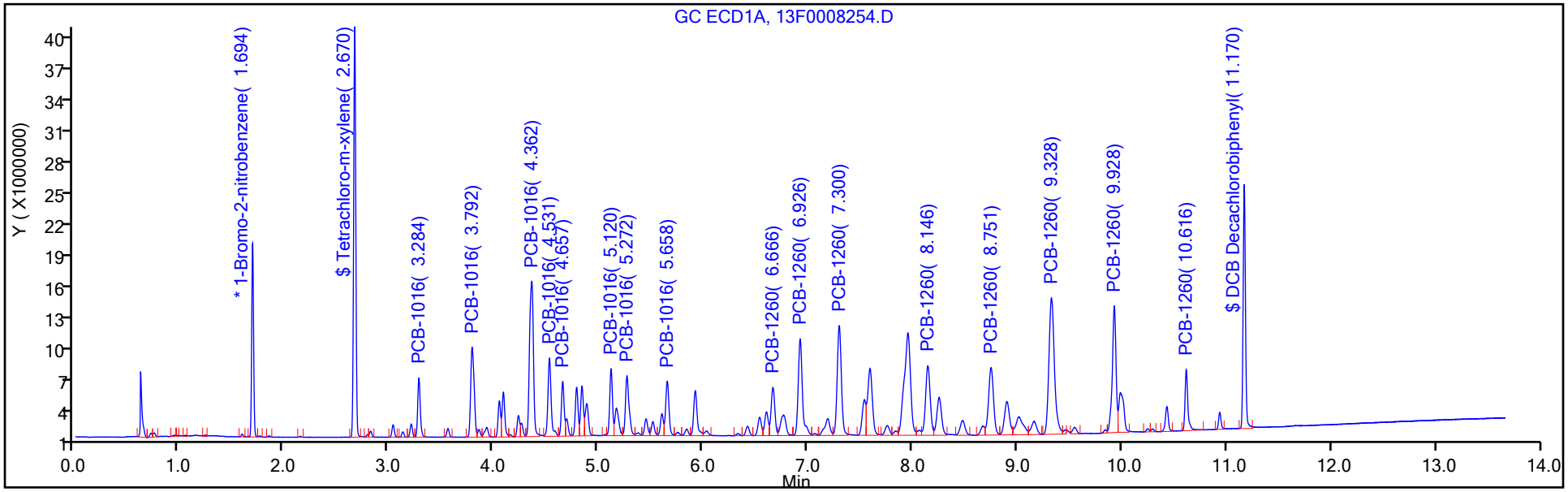
Lims ID: IC PCB 2 Worklist Smp#: 4

Client ID:

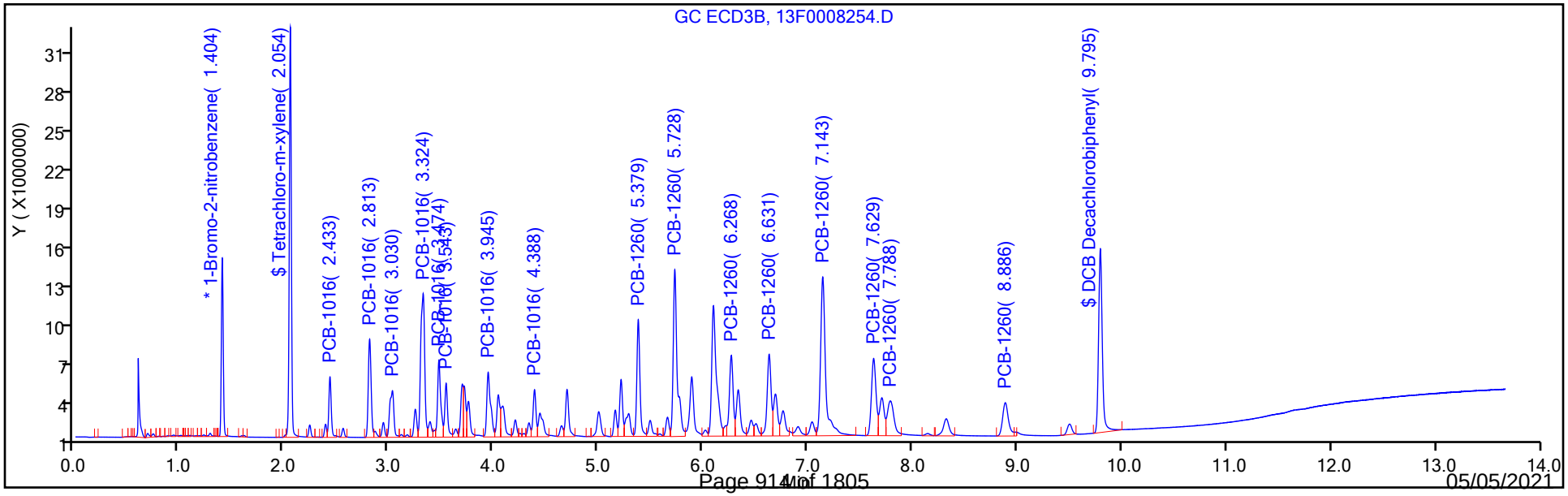
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

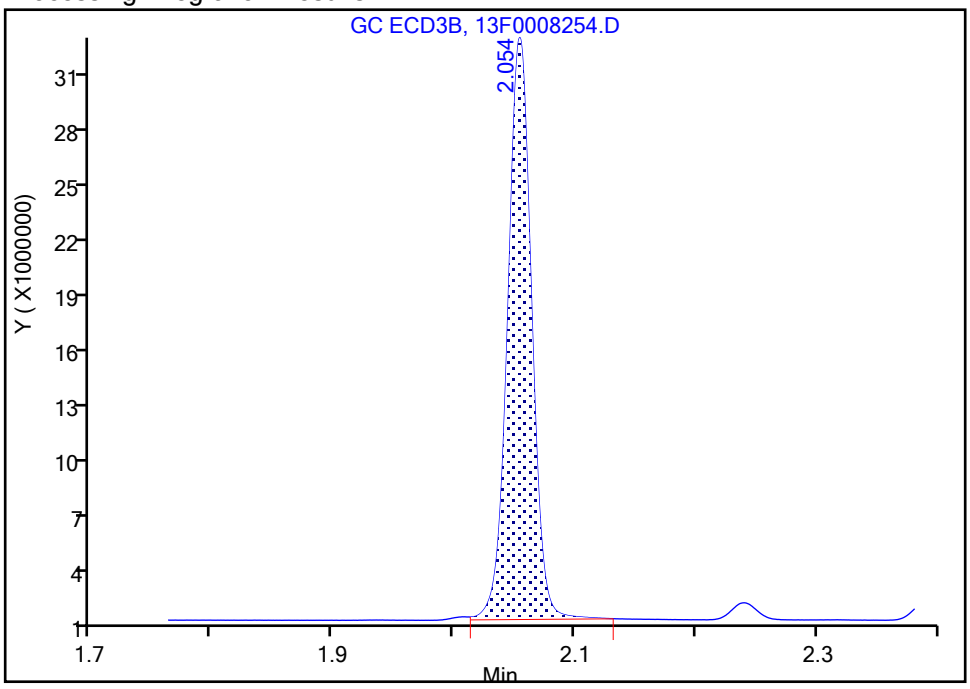
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008254.D				
Injection Date:	07-Jan-2021 11:15:29	Instrument ID:	CPESTGC13		
Lims ID:	IC PCB 2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 2

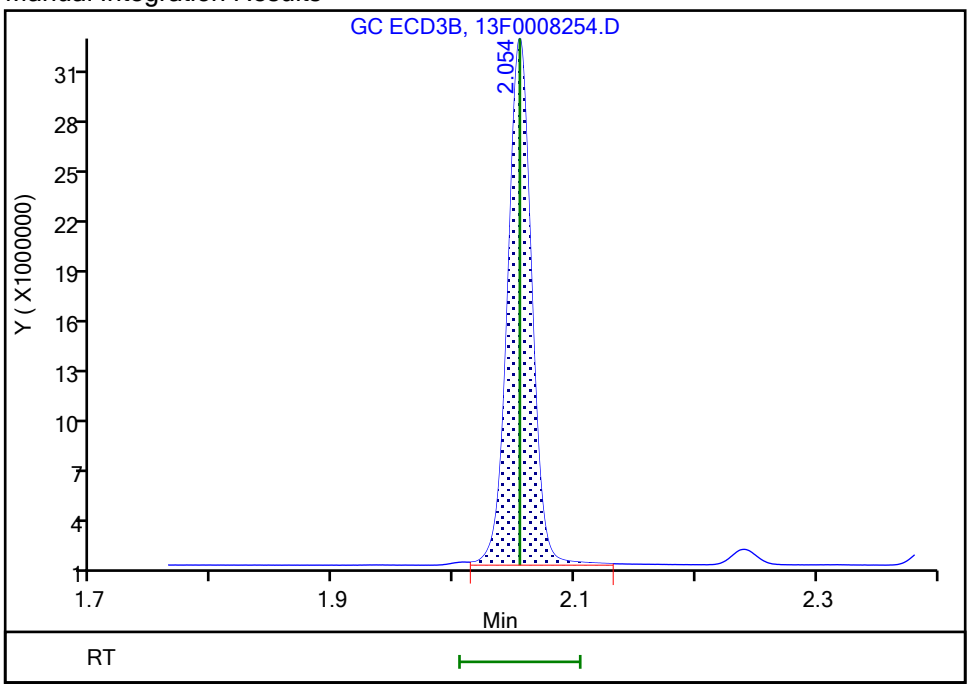
Processing Integration Results

RT: 2.05
Area: 42409916
Amount: 51.424799
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 42755874
Amount: 51.582636
Amount Units: ug/l



Reviewer: patelji, 07-Jan-2021 13:30:14
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Report Date: 07-Jan-2021 14:59:50 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008254.D

Injection Date: 07-Jan-2021 11:15:29 Instrument ID: CPESTGC13

Lims ID: IC PCB 2

Client ID:

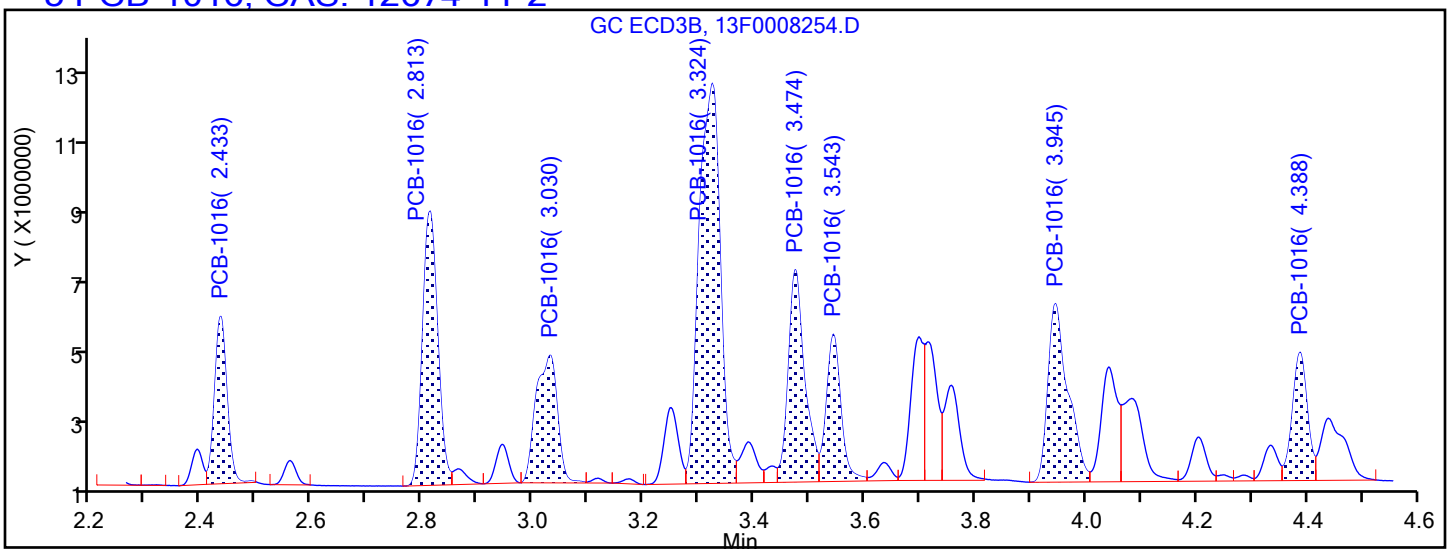
Operator ID: ALS Bottle#: 8 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

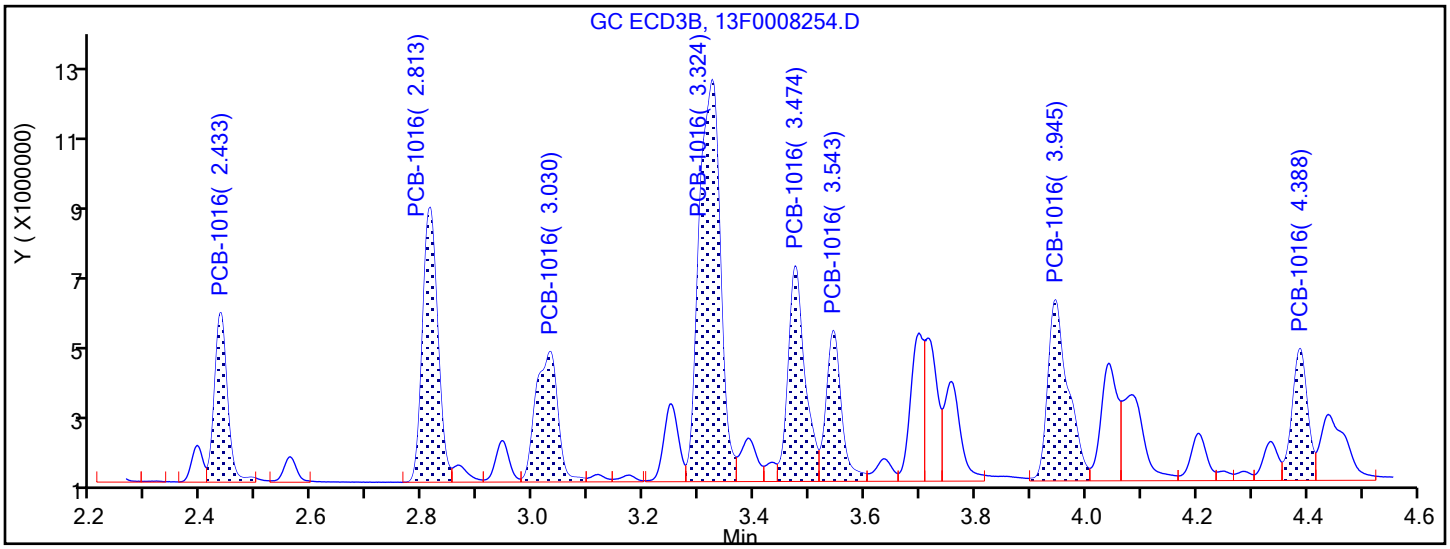
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.433	Response = 7085371
2.813	Response = 14088516
3.030	Response = 9167640
3.324	Response = 28654889
3.474	Response = 11851905
3.543	Response = 7304498
3.945	Response = 12049912
4.388	Response = 6594482



Manual Integration Results

2.433	Response = 7459029	M
2.813	Response = 14163937	M
3.030	Response = 9707691	M
3.324	Response = 28937952	M
3.474	Response = 12236349	M
3.543	Response = 7838645	M

Report Date: 07-Jan-2021 14:59:51 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008254.D

Injection Date: 07-Jan-2021 11:15:29 Instrument ID: CPESTGC13

Lims ID: IC PCB 2

Client ID:

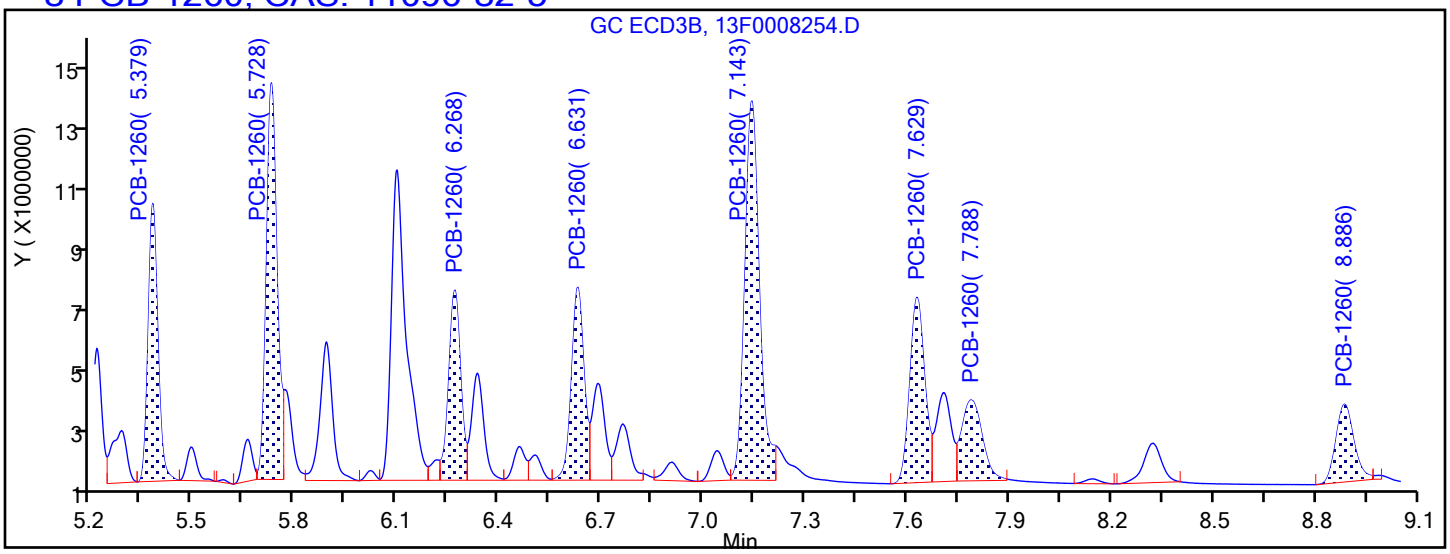
Operator ID: ALS Bottle#: 8 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

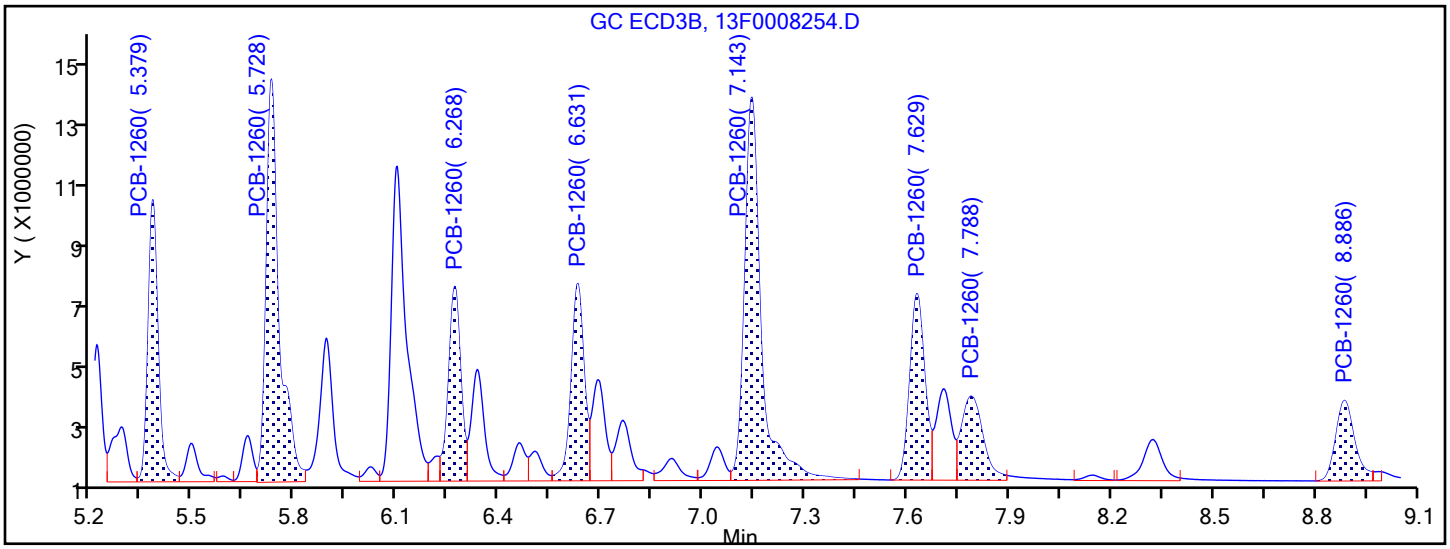
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.379	Response = 17216271
5.728	Response = 27236415
6.268	Response = 14719379
6.631	Response = 15681267
7.143	Response = 35674902
7.629	Response = 17814971
7.788	Response = 10659427
8.886	Response = 8966782



Manual Integration Results

5.379	Response = 18260541	M
5.728	Response = 33723805	M
6.268	Response = 15423460	M
6.631	Response = 16602967	M
7.143	Response = 41013773	M
7.629	Response = 18032313	M

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

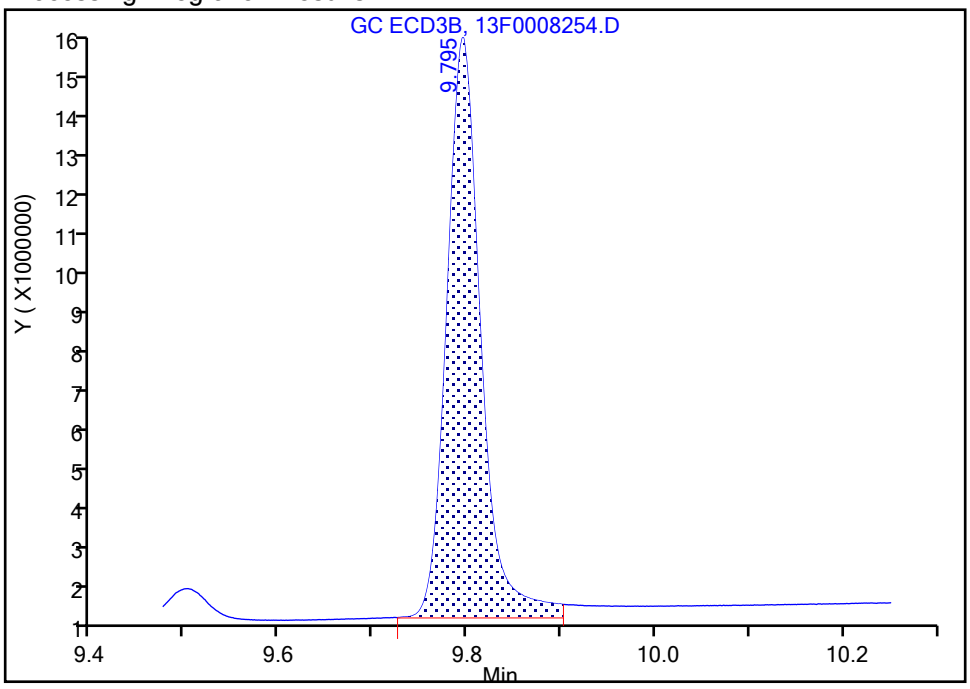
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008254.D				
Injection Date:	07-Jan-2021 11:15:29	Instrument ID:	CPESTGC13		
Lims ID:	IC PCB 2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

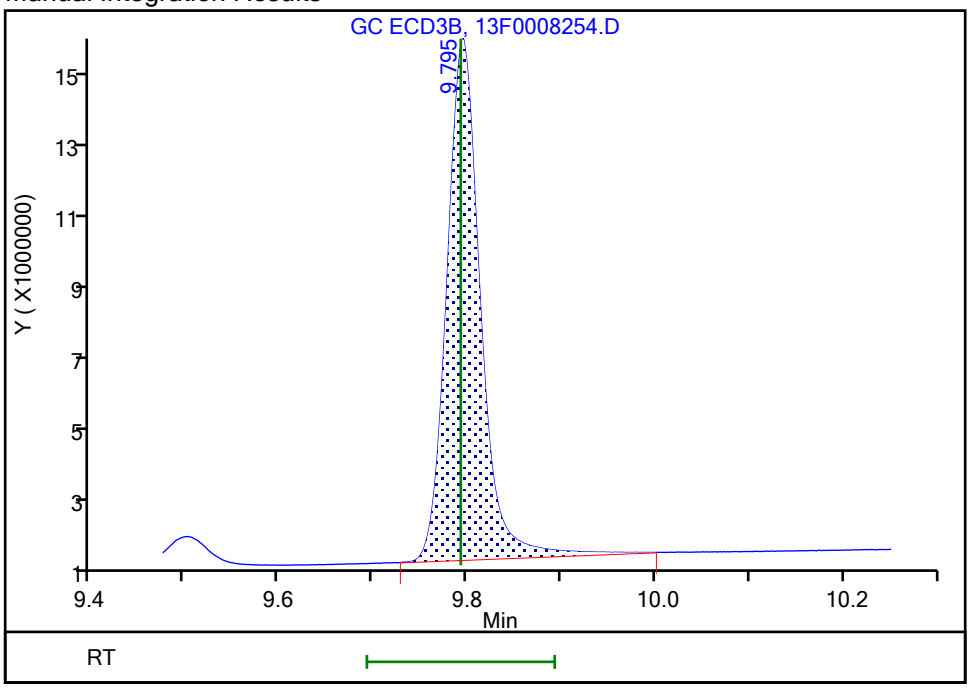
Processing Integration Results

RT: 9.79
Area: 35087606
Amount: 52.184292
Amount Units: ug/l



Manual Integration Results

RT: 9.79
Area: 34563897
Amount: 51.391899
Amount Units: ug/l



Reviewer: patelji, 07-Jan-2021 13:30:27

Audit Action: Manually Integrated Audit Reason: Peak not integrated

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008255.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 07-Jan-2021 11:31:20 ALS Bottle#: 9 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-005
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 14:59:56 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 13:25:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.693	1.694	-0.001	21711926	20.0	20.0	
2	1.403	1.404	-0.001	16495267	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.669	2.669	0.000	168873762	150.0	163.5	
2	2.053	2.054	-0.001	132336212	150.0	164.8	M
						RPD = 0.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.283	3.283	0.000	27937067	1500.0	1564.4	
1	3.792	3.791	0.001	58007705	1500.0	1588.2	
1	4.361	4.362	-0.001	119209771	1500.0	1639.5	M
1	4.530	4.531	-0.001	48334459	1500.0	1639.8	M
1	4.656	4.656	0.000	29492127	1500.0	1645.3	M
1	5.119	5.119	0.000	35920143	1500.0	1620.0	M
1	5.271	5.270	0.001	41427753	1500.0	1606.4	M
1	5.656	5.657	-0.001	34319659	1500.0	1593.0	M
		Average of Peak Amounts =				1612.1	
2	2.432	2.432	0.000	21978329	1500.0	1534.8	M
2	2.811	2.811	0.000	43237055	1500.0	1580.7	M
2	3.029	3.030	-0.001	29063952	1500.0	1576.3	M
2	3.323	3.324	-0.001	94847351	1500.0	1676.5	M
2	3.473	3.474	-0.001	38175890	1500.0	1628.8	M
2	3.542	3.543	-0.001	24185672	1500.0	1646.7	M
2	3.945	3.944	0.001	38330990	1500.0	1582.5	M
2	4.388	4.387	0.001	21045036	1500.0	1582.3	M
		Average of Peak Amounts =				1601.1	
						RPD = 0.68	
8 PCB-1260							M
1	6.666	6.666	0.000	34792024	1500.0	1630.7	M
1	6.925	6.926	-0.001	78894592	1500.0	1635.2	M
1	7.298	7.299	-0.001	89859221	1500.0	1640.0	M
1	8.145	8.146	-0.001	62398303	1500.0	1628.3	M
1	8.748	8.747	0.001	64657973	1500.0	1632.7	
1	9.327	9.325	0.002	149669241	1500.0	1692.9	
1	9.928	9.929	-0.001	94939798	1500.0	1676.2	
1	10.617	10.619	-0.002	32946137	1500.0	1640.2	M
		Average of Peak Amounts =				1647.0	
2	5.379	5.379	0.000	57830551	1500.0	1634.7	M
2	5.728	5.728	0.000	107333231	1500.0	1640.7	M
2	6.267	6.268	-0.001	48474148	1500.0	1627.5	M
2	6.630	6.629	0.001	52692682	1500.0	1639.8	M
2	7.141	7.141	0.000	132137525	1500.0	1708.0	M
2	7.626	7.628	-0.002	59663020	1500.0	1676.9	M
2	7.786	7.787	-0.001	35242758	1500.0	1571.6	M
2	8.884	8.882	0.002	29823214	1500.0	1581.7	M
		Average of Peak Amounts =				1635.1	
						RPD = 0.73	
$ 11 DCB Decachlorobiphenyl							M
1	11.177	11.173	0.004	108568394	150.0	163.3	
2	9.794	9.793	0.001	106015882	150.0	162.7	M
						RPD = 0.32	
S 12 Polychlorinated biphenyls, Total							
1						3259.1	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 14:59:57 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008255.D

Injection Date: 07-Jan-2021 11:31:20 Instrument ID: CPESTGC13 Operator ID:

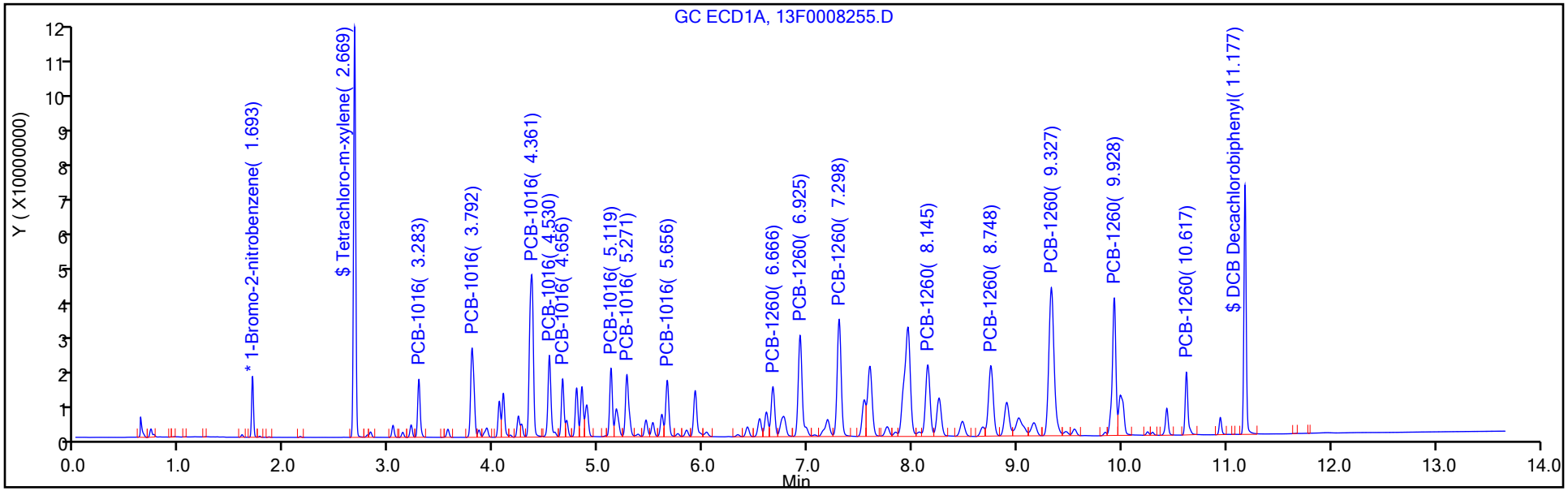
Lims ID: IC PCB 4 Worklist Smp#: 5

Client ID:

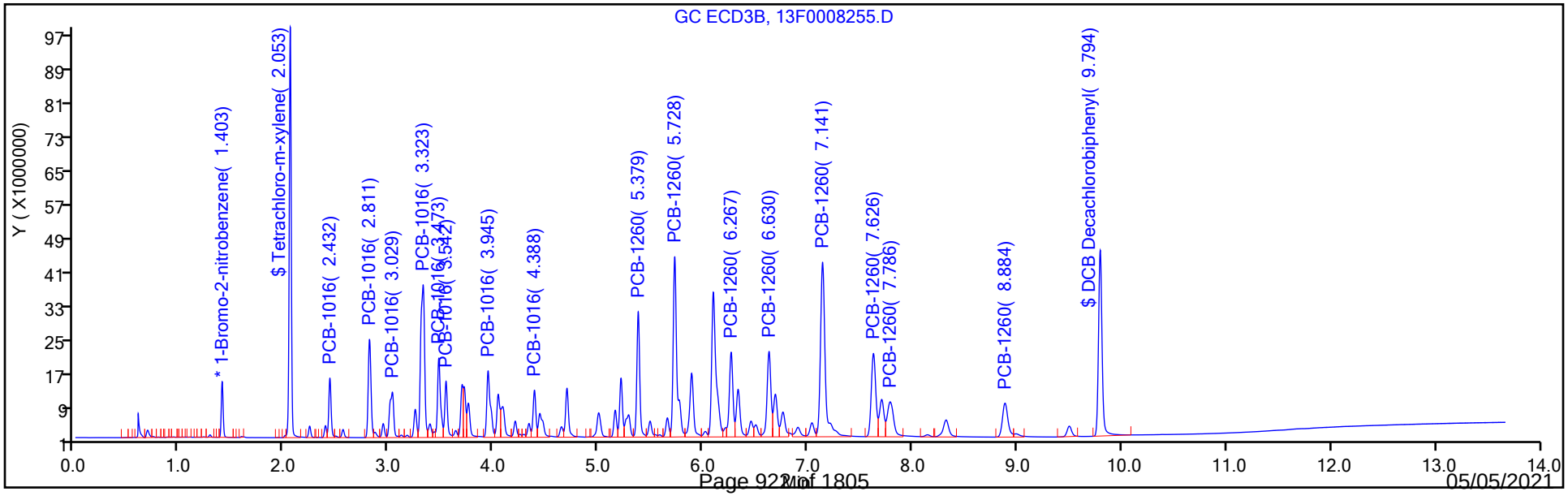
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

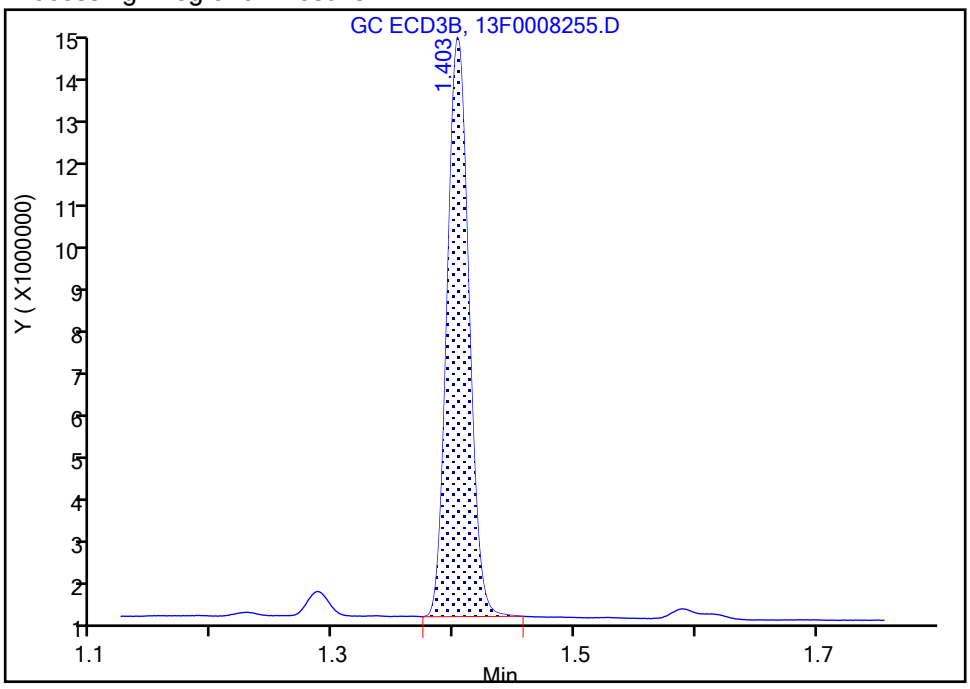
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008255.D				
Injection Date:	07-Jan-2021 11:31:20	Instrument ID:	CPESTGC13		
Lims ID:	IC PCB 4				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

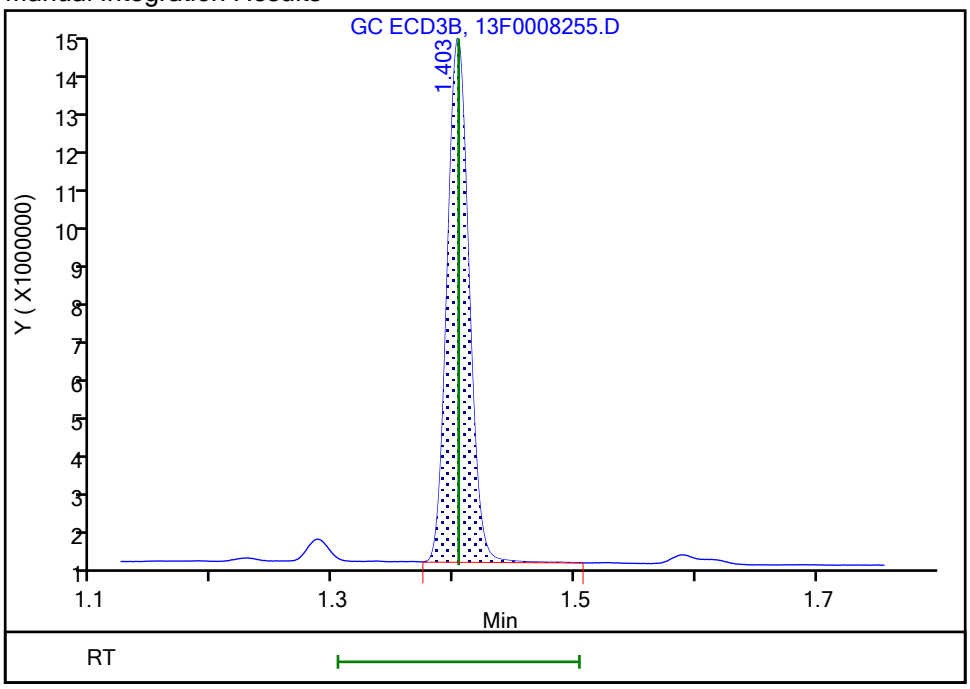
Processing Integration Results

RT: 1.40
Area: 16375612
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.40
Area: 16495267
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 07-Jan-2021 13:34:34
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

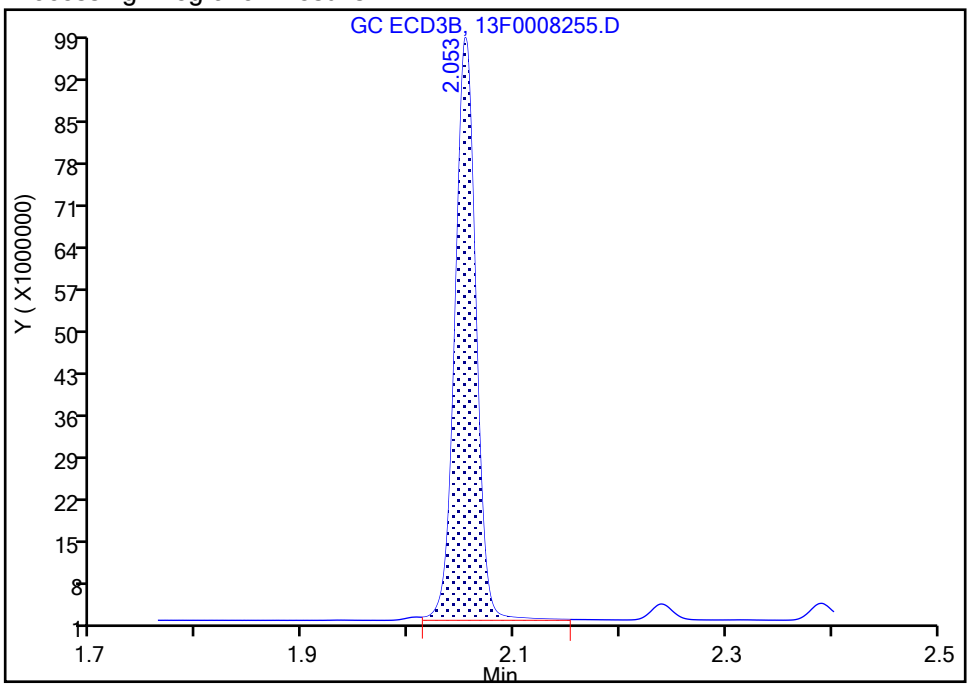
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008255.D				
Injection Date:	07-Jan-2021 11:31:20	Instrument ID:	CPESTGC13		
Lims ID:	IC PCB 4				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 2

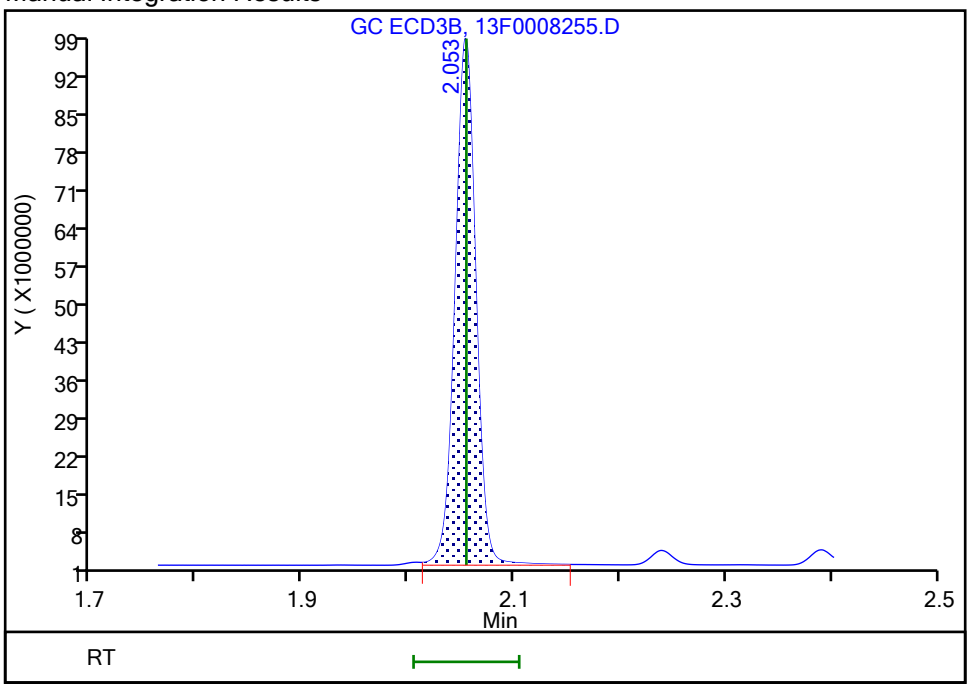
Processing Integration Results

RT: 2.05
Area: 131725175
Amount: 165.6128
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 132336212
Amount: 164.8219
Amount Units: ug/l



Reviewer: patelji, 07-Jan-2021 13:31:20
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Report Date: 07-Jan-2021 14:59:58 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008255.D

Injection Date: 07-Jan-2021 11:31:20 Instrument ID: CPESTGC13

Lims ID: IC PCB 4

Client ID:

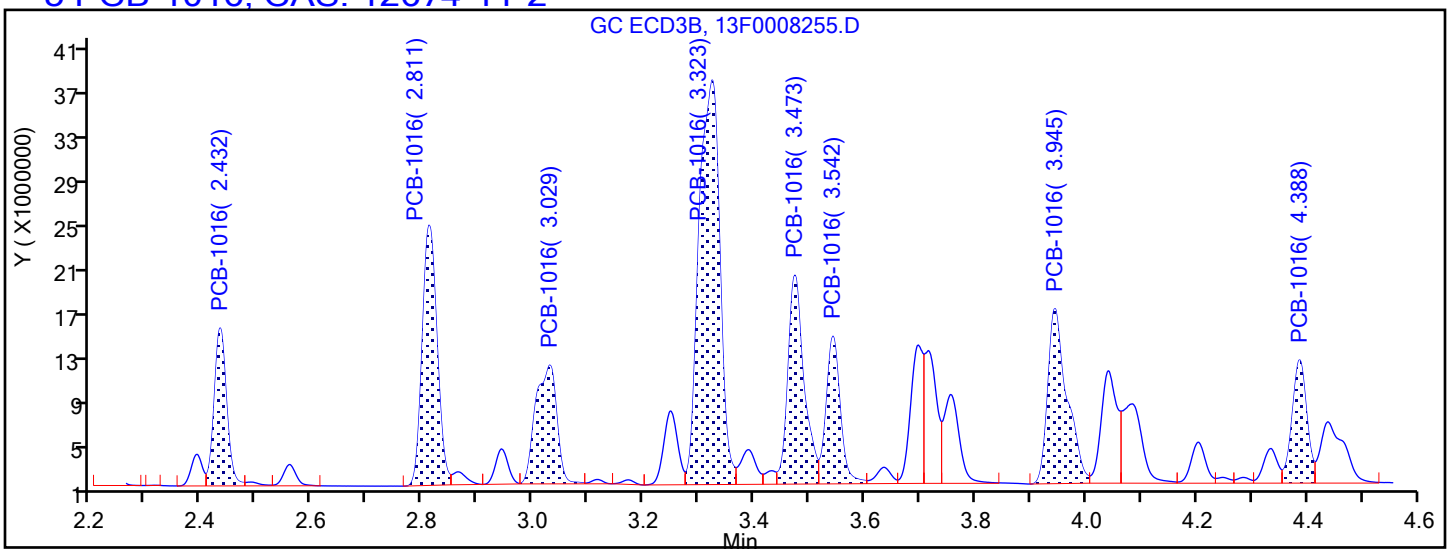
Operator ID: ALS Bottle#: 9 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

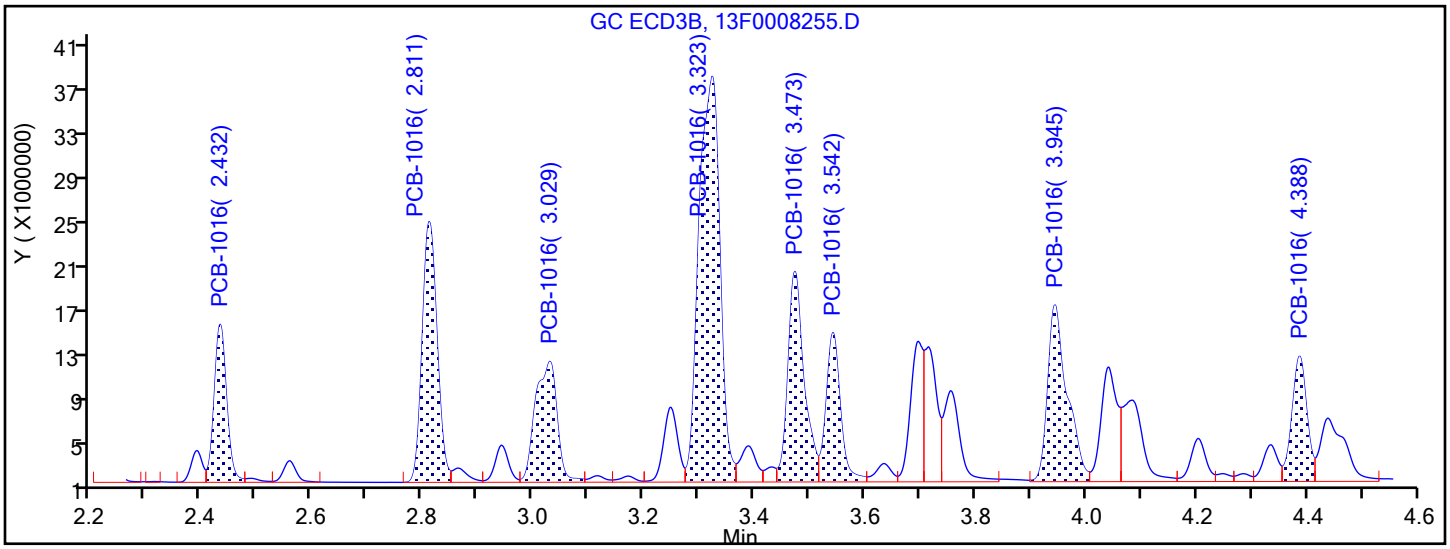
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.432	Response = 21921354
2.811	Response = 42943693
3.029	Response = 27744997
3.323	Response = 94245757
3.473	Response = 37511266
3.542	Response = 23325649
3.945	Response = 37271241
4.388	Response = 20387356



Manual Integration Results

2.432	Response = 21978329	M
2.811	Response = 43237055	M
3.029	Response = 29063952	M
3.323	Response = 94847351	M
3.473	Response = 38175890	M
3.542	Response = 24185672	M

Report Date: 07-Jan-2021 14:59:58 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008255.D

Injection Date: 07-Jan-2021 11:31:20 Instrument ID: CPESTGC13

Lims ID: IC PCB 4

Client ID:

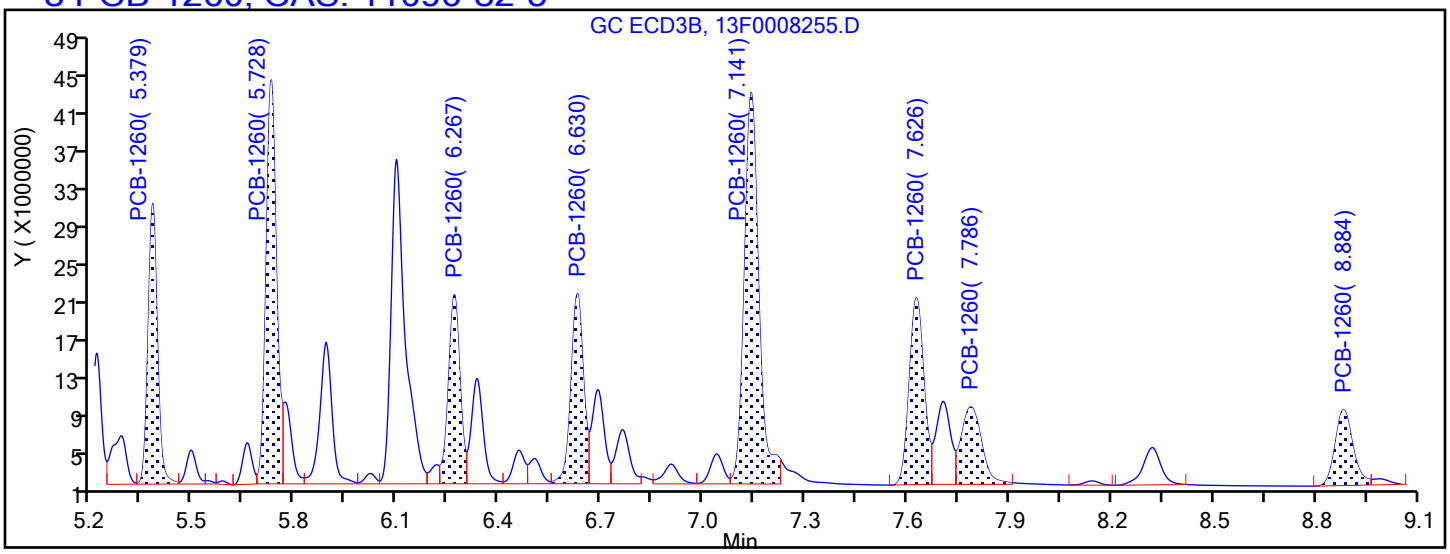
Operator ID: ALS Bottle#: 9 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

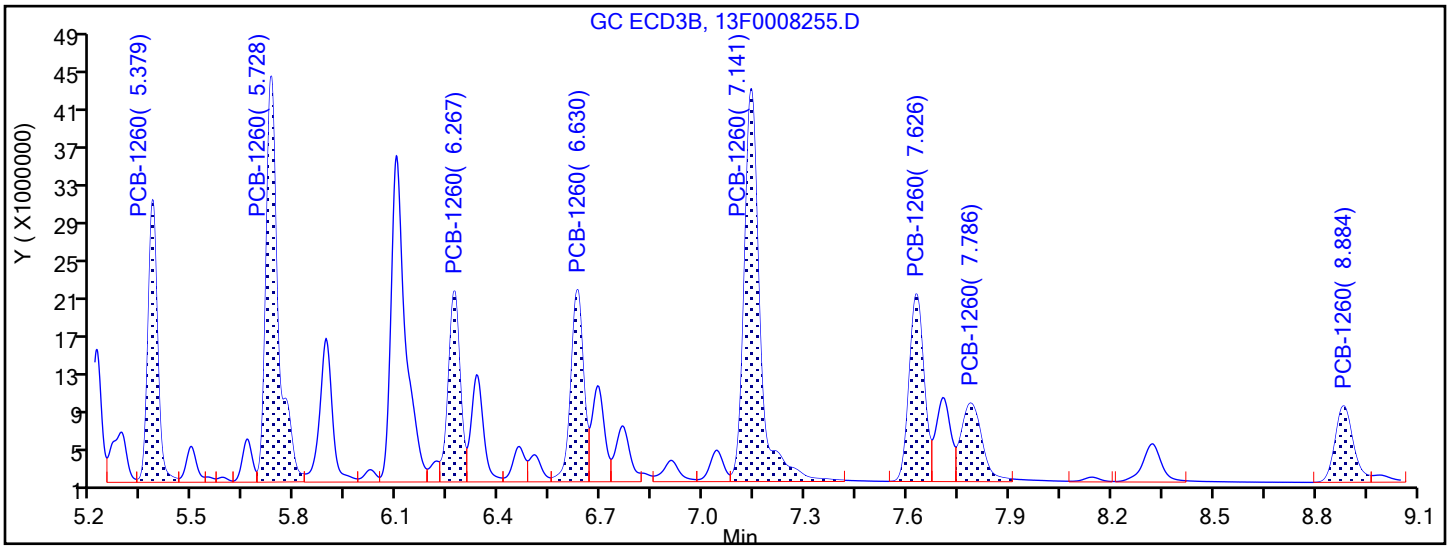
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.379	Response = 56295071
5.728	Response = 90680960
6.267	Response = 47516354
6.630	Response = 51420449
7.141	Response = 122520083
7.626	Response = 59263947
7.786	Response = 34104838
8.884	Response = 29289012



Manual Integration Results

5.379	Response = 57830551	M
5.728	Response = 107333231	M
6.267	Response = 48474148	M
6.630	Response = 52692682	M
7.141	Response = 132137525	M
7.626	Response = 59663020	M

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

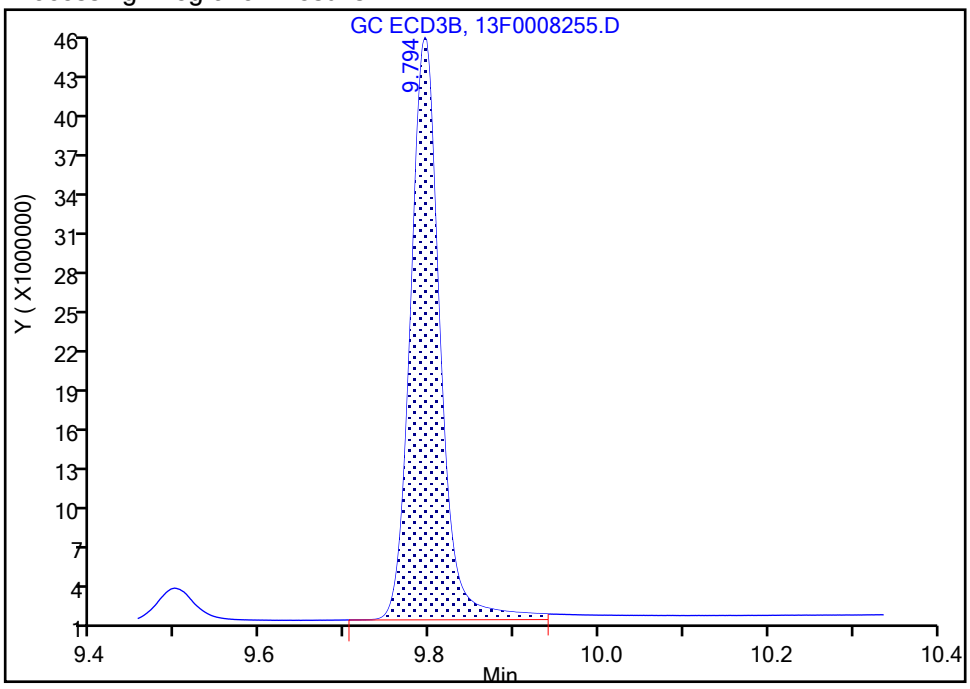
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008255.D
Injection Date: 07-Jan-2021 11:31:20 Instrument ID: CPESTGC13
Lims ID: IC PCB 4
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

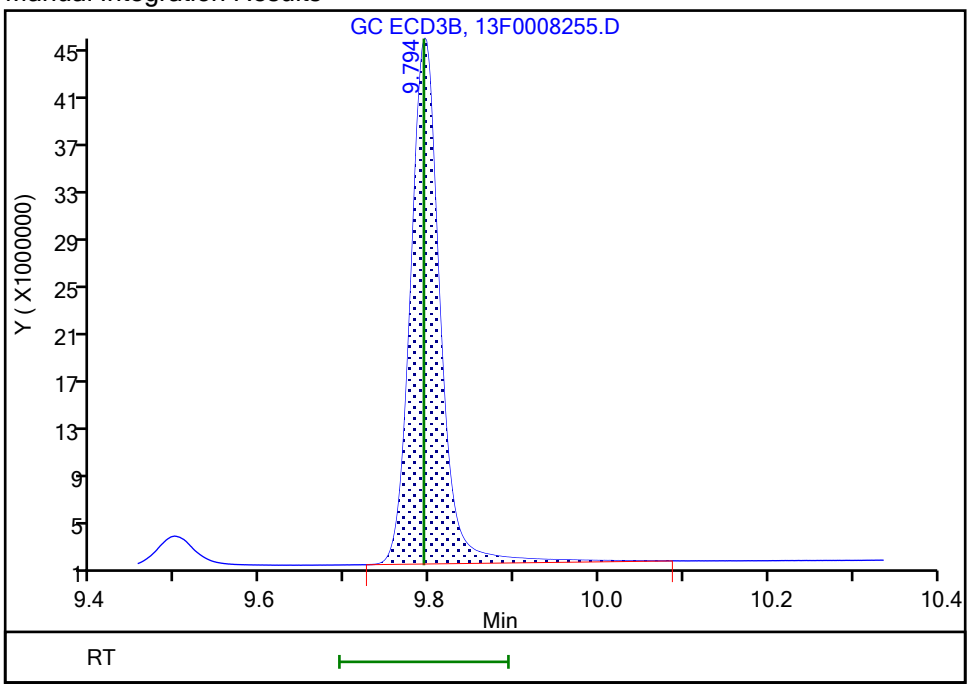
Processing Integration Results

RT: 9.79
Area: 106267619
Amount: 164.4445
Amount Units: ug/l



Manual Integration Results

RT: 9.79
Area: 106015882
Amount: 162.7314
Amount Units: ug/l



Reviewer: patelji, 07-Jan-2021 13:31:07
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008256.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 07-Jan-2021 11:47:05 ALS Bottle#: 10 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-006
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:04 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 13:32:17

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.694	1.694	0.000	22255767	20.0	20.0	
2	1.404	1.404	0.000	16896091	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.669	2.669	0.000	207490644	200.0	195.9	
2	2.055	2.054	0.001	162675052	200.0	197.8	
						RPD = 0.95	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.283	3.283	0.000	41814545	2500.0	2284.3	
1	3.790	3.791	-0.001	86924801	2500.0	2321.7	
1	4.362	4.362	0.000	182220068	2500.0	2444.8	M
1	4.530	4.531	-0.001	71170089	2500.0	2355.6	M
1	4.657	4.656	0.001	45850546	2500.0	2495.4	M
1	5.119	5.119	0.000	55121665	2500.0	2425.2	M
1	5.270	5.270	0.000	63591994	2500.0	2405.5	M
1	5.655	5.657	-0.002	52401947	2500.0	2372.9	M
		Average of Peak Amounts =				2388.2	
2	2.433	2.432	0.001	32749240	2500.0	2232.6	
2	2.812	2.811	0.001	65490030	2500.0	2337.5	M
2	3.030	3.030	0.000	44357842	2500.0	2348.7	M
2	3.325	3.324	0.001	146445917	2500.0	2527.2	M
2	3.474	3.474	0.000	58526054	2500.0	2437.8	M
2	3.543	3.543	0.000	37086412	2500.0	2465.2	M
2	3.945	3.944	0.001	58688755	2500.0	2365.5	M
2	4.387	4.387	0.000	32226789	2500.0	2365.6	M
		Average of Peak Amounts =				2385.0	
						RPD = 0.13	
8 PCB-1260							M
1	6.665	6.666	-0.001	52899145	2500.0	2418.8	M
1	6.925	6.926	-0.001	120466794	2500.0	2435.9	M
1	7.298	7.299	-0.001	137854935	2500.0	2454.5	M
1	8.146	8.146	0.000	95435237	2500.0	2429.5	M
1	8.749	8.747	0.002	99945876	2500.0	2462.1	M
1	9.326	9.325	0.001	232318865	2500.0	2563.6	M
1	9.929	9.929	0.000	147519745	2500.0	2540.8	M
1	10.619	10.619	0.000	52008149	2500.0	2526.0	M
		Average of Peak Amounts =				2478.9	
2	5.378	5.379	-0.001	89042119	2500.0	2457.3	M
2	5.727	5.728	-0.001	165408963	2500.0	2468.5	M
2	6.267	6.268	-0.001	75054972	2500.0	2460.1	M
2	6.628	6.629	-0.001	82649196	2500.0	2511.0	M
2	7.140	7.141	-0.001	186136555	2500.0	2348.8	M
2	7.627	7.628	-0.001	94704132	2500.0	2598.7	M
2	7.786	7.787	-0.001	55065784	2500.0	2397.3	M
2	8.884	8.882	0.002	45633108	2500.0	2362.7	
		Average of Peak Amounts =				2450.6	
						RPD = 1.15	
$ 11 DCB Decachlorobiphenyl							
1	11.187	11.173	0.014	134050476	200.0	196.6	
2	9.795	9.793	0.002	128916037	200.0	193.2	
						RPD = 1.77	
S 12 Polychlorinated biphenyls, Total							
1						4867.1	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1660L5_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:05 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008256.D

Injection Date: 07-Jan-2021 11:47:05 Instrument ID: CPESTGC13 Operator ID:

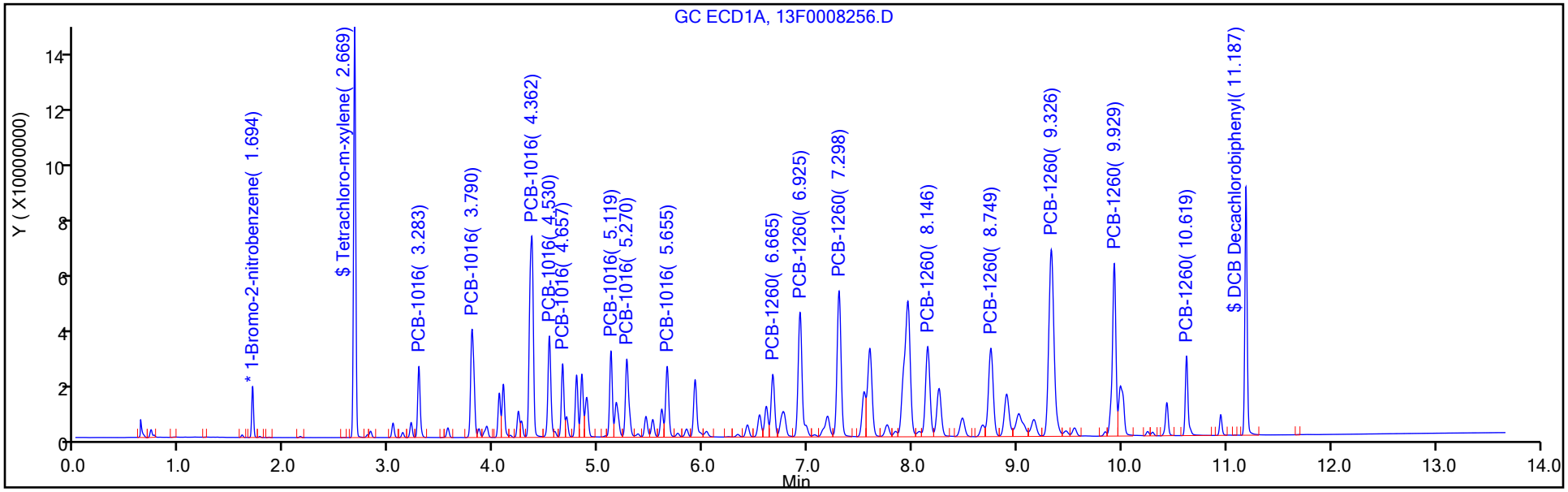
Lims ID: IC PCB 5 Worklist Smp#: 6

Client ID:

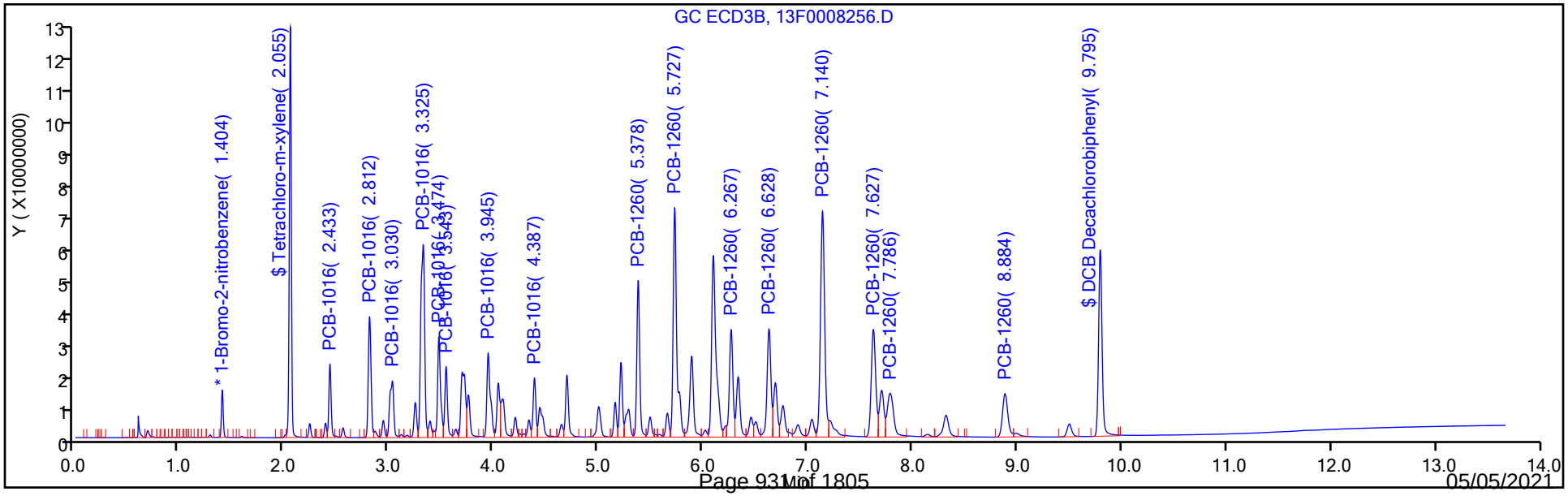
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 15:00:05 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008256.D

Injection Date: 07-Jan-2021 11:47:05 Instrument ID: CPESTGC13

Lims ID: IC PCB 5

Client ID:

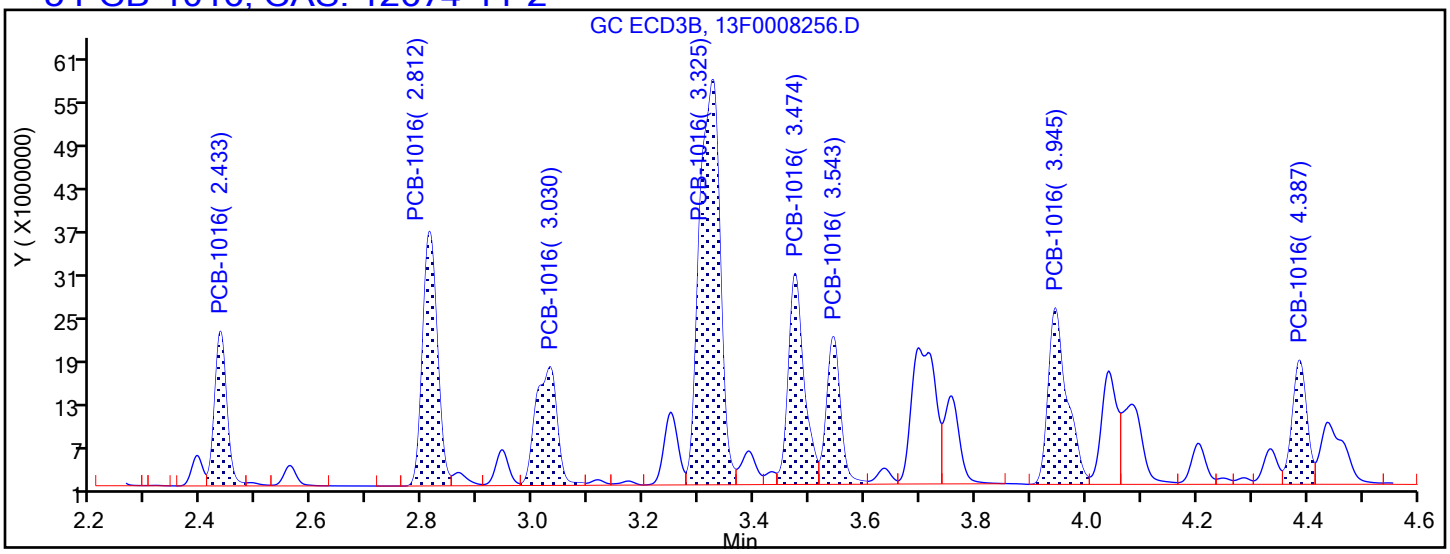
Operator ID: ALS Bottle#: 10 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

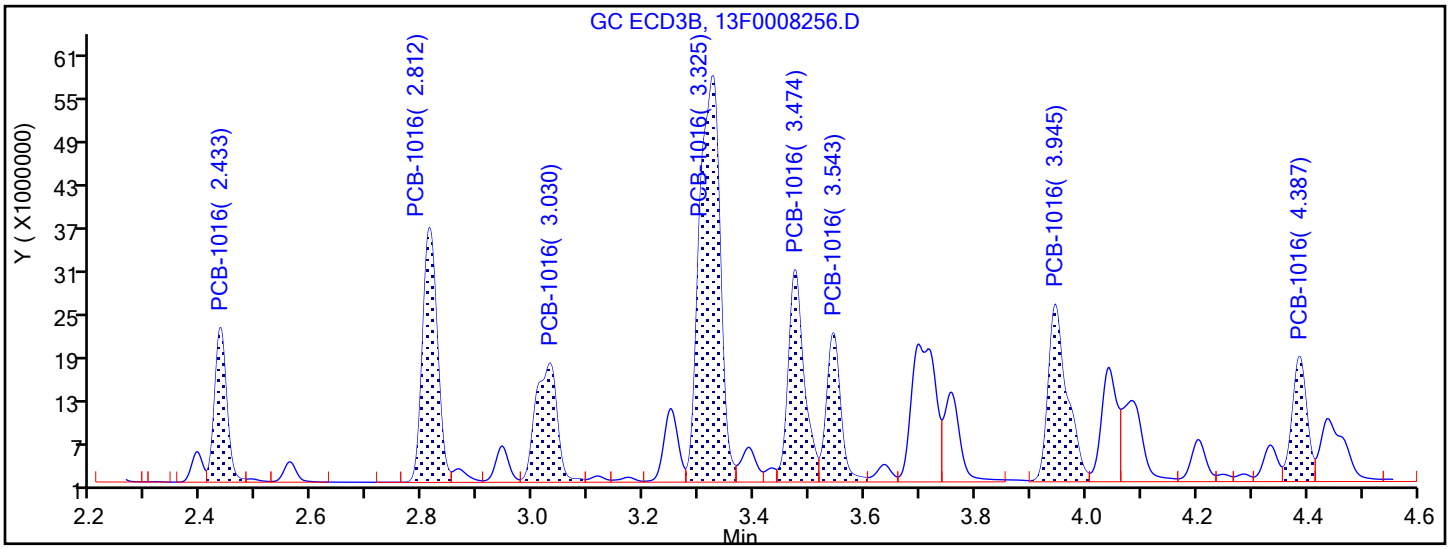
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.433	Response = 32749240
2.812	Response = 65343761
3.030	Response = 43799036
3.325	Response = 145648719
3.474	Response = 57689588
3.543	Response = 36057375
3.945	Response = 57651635
4.387	Response = 31724900



Manual Integration Results

2.433	Response = 32749240	
2.812	Response = 65490030	M
3.030	Response = 44357842	M
3.325	Response = 146445917	M
3.474	Response = 58526054	M
3.543	Response = 37086412	M

Report Date: 07-Jan-2021 15:00:06 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008256.D

Injection Date: 07-Jan-2021 11:47:05 Instrument ID: CPESTGC13

Lims ID: IC PCB 5

Client ID:

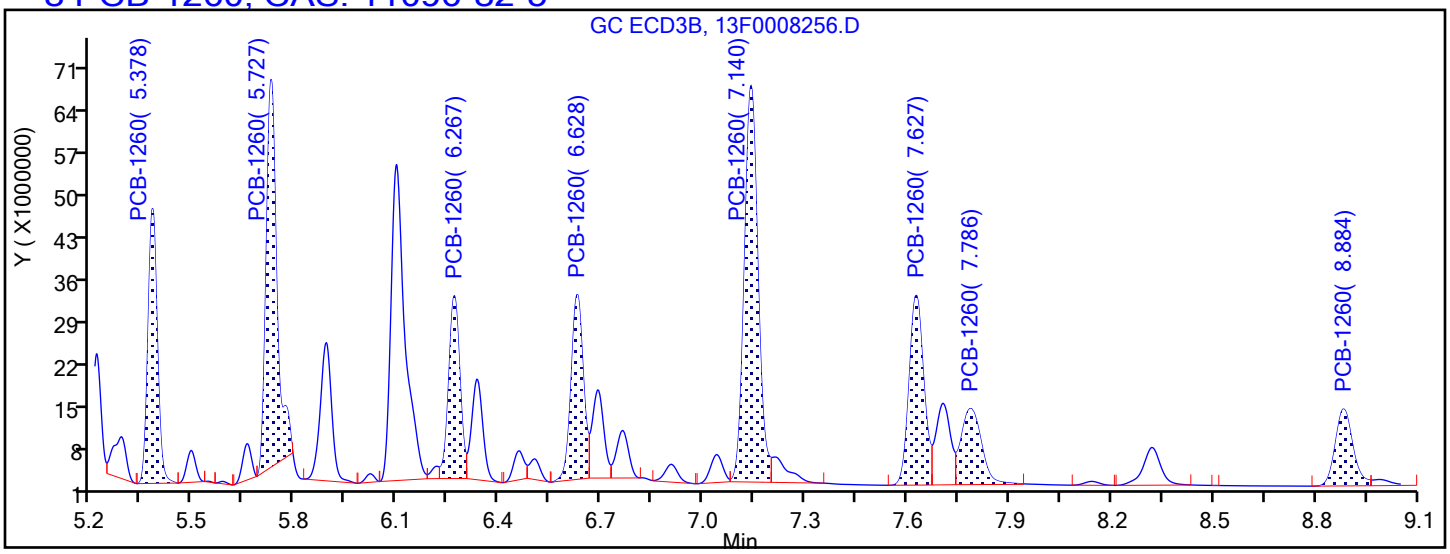
Operator ID: ALS Bottle#: 10 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

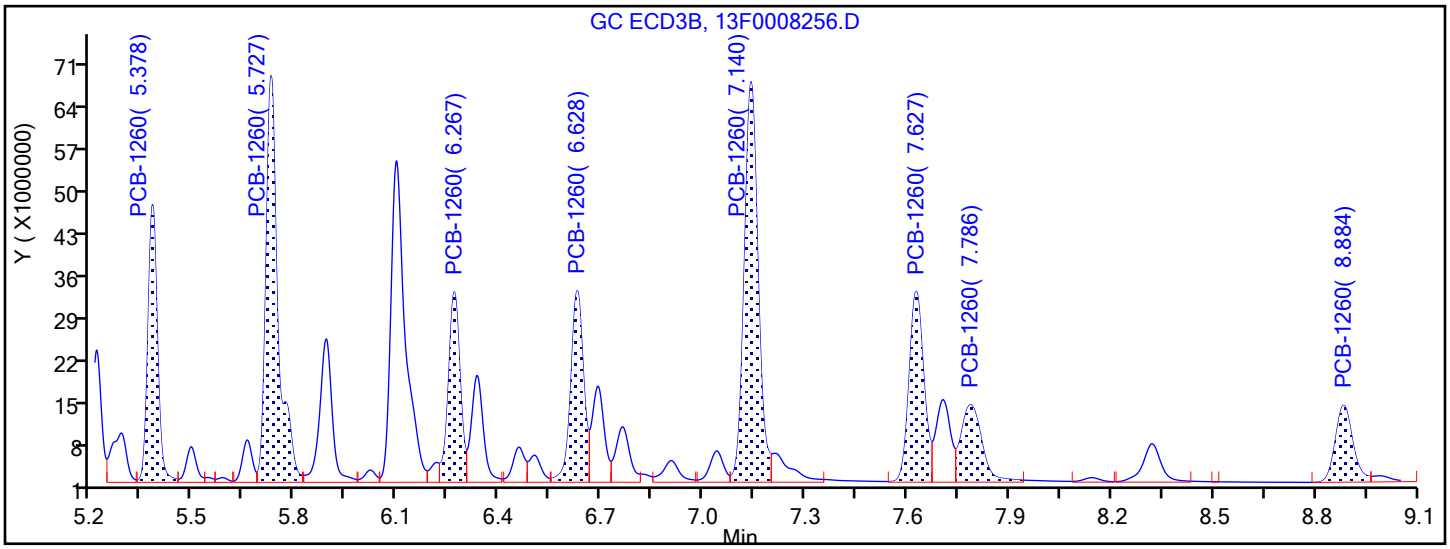
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.378	Response = 85772380
5.727	Response = 139094025
6.267	Response = 69145344
6.628	Response = 76099977
7.140	Response = 181430674
7.627	Response = 93695888
7.786	Response = 52257678
8.884	Response = 45633108



Manual Integration Results

5.378	Response = 89042119	M
5.727	Response = 165408963	M
6.267	Response = 75054972	M
6.628	Response = 82649196	M
7.140	Response = 186136555	M
7.627	Response = 94704132	M

Calibration / Tetrachloro-m-xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

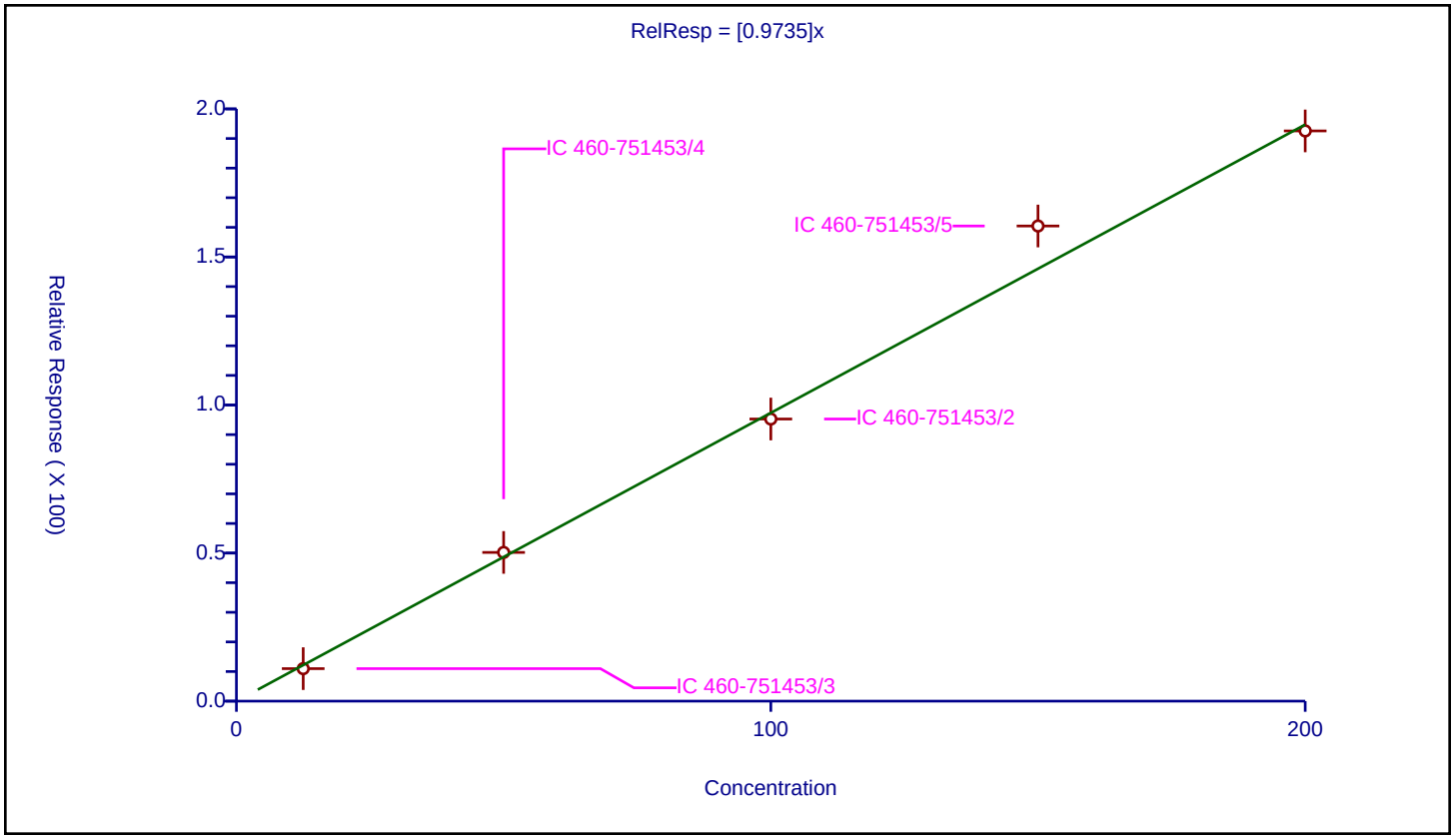
Curve Coefficients

Intercept:	0
Slope:	0.9735

Error Coefficients

Standard Error:	114000000
Relative Standard Error:	7.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	12.5	10.975174	20.0	16244298.0	0.878014	Y
2	IC 460-751453/4	50.0	50.215508	20.0	17028952.0	1.00431	Y
3	IC 460-751453/2	100.0	95.267035	20.0	16549019.0	0.95267	Y
4	IC 460-751453/5	150.0	160.453556	20.0	16495267.0	1.06969	Y
5	IC 460-751453/6	200.0	192.559394	20.0	16896091.0	0.962797	Y



Calibration / PCB-1016 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

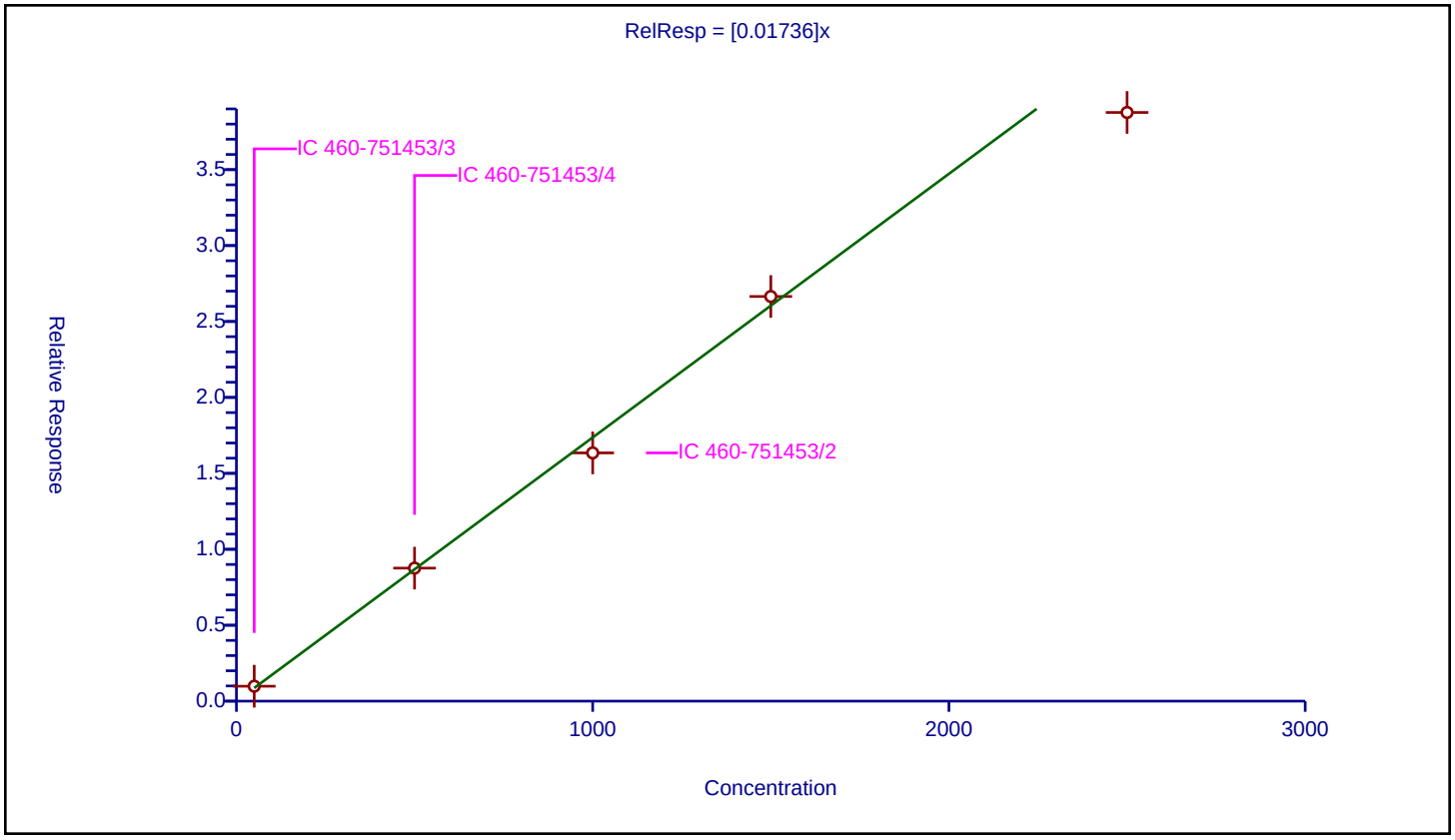
Curve Coefficients

Intercept:	0
Slope:	0.01736

Error Coefficients

Standard Error:	21200000
Relative Standard Error:	9.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	0.98379	20.0	16244298.0	0.019676	Y
2	IC 460-751453/4	500.0	8.760409	20.0	17028952.0	0.017521	Y
3	IC 460-751453/2	1000.0	16.346883	20.0	16549019.0	0.016347	Y
4	IC 460-751453/5	1500.0	26.648043	20.0	16495267.0	0.017765	Y
5	IC 460-751453/6	2500.0	38.765464	20.0	16896091.0	0.015506	Y



Calibration / PCB-1016 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

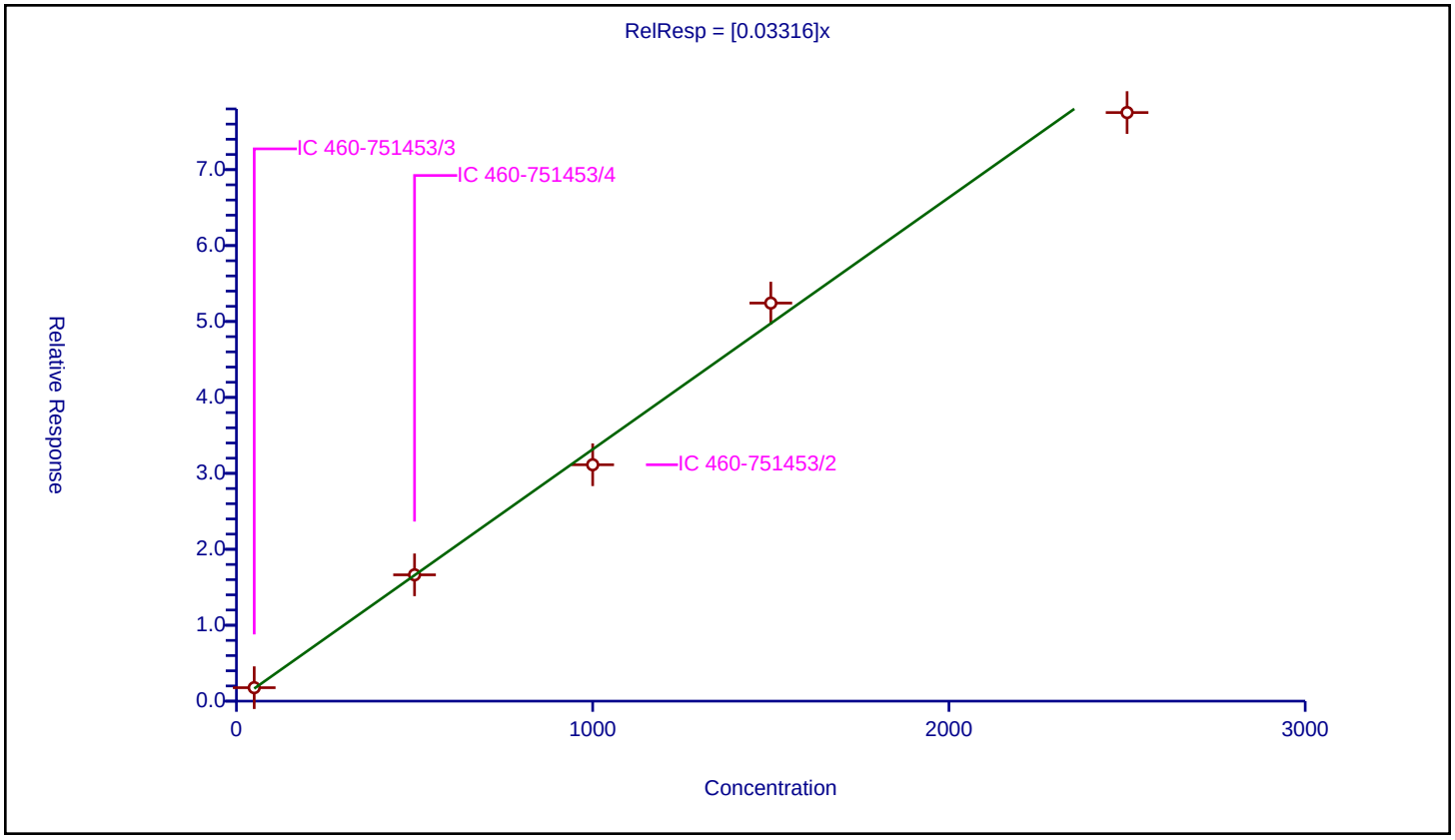
Curve Coefficients

Intercept:	0
Slope:	0.03316

Error Coefficients

Standard Error:	41900000
Relative Standard Error:	6.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.772998	20.0	16244298.0	0.03546	Y
2	IC 460-751453/4	500.0	16.635125	20.0	17028952.0	0.03327	Y
3	IC 460-751453/2	1000.0	31.131923	20.0	16549019.0	0.031132	Y
4	IC 460-751453/5	1500.0	52.423589	20.0	16495267.0	0.034949	Y
5	IC 460-751453/6	2500.0	77.520925	20.0	16896091.0	0.031008	Y



Calibration / PCB-1016 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

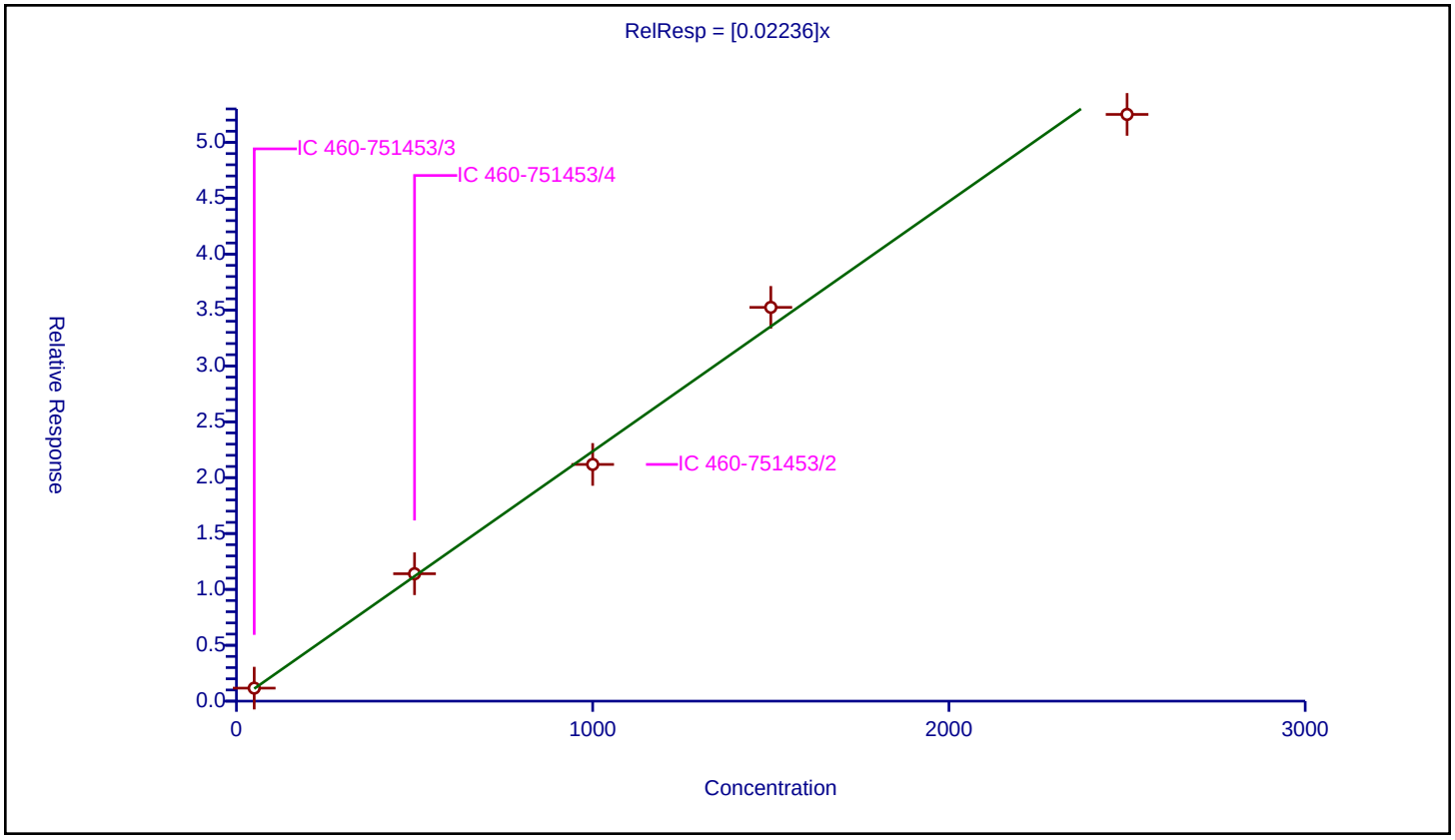
Curve Coefficients

Intercept:	0
Slope:	0.02236

Error Coefficients

Standard Error:	28300000
Relative Standard Error:	5.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.16494	20.0	16244298.0	0.023299	Y
2	IC 460-751453/4	500.0	11.401396	20.0	17028952.0	0.022803	Y
3	IC 460-751453/2	1000.0	21.181911	20.0	16549019.0	0.021182	Y
4	IC 460-751453/5	1500.0	35.239141	20.0	16495267.0	0.023493	Y
5	IC 460-751453/6	2500.0	52.506632	20.0	16896091.0	0.021003	Y



Calibration / PCB-1016 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

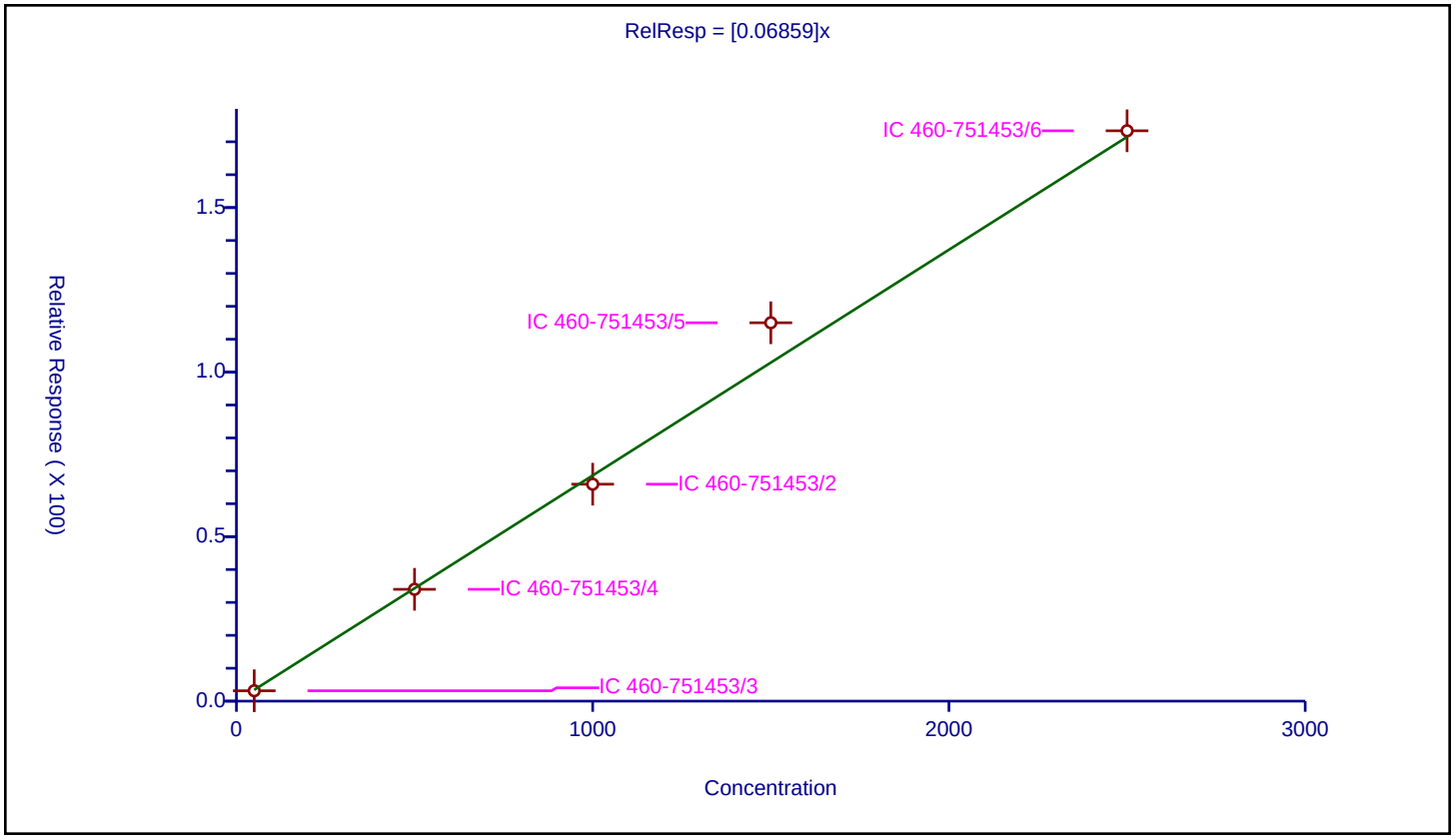
Curve Coefficients

Intercept:	0
Slope:	0.06859

Error Coefficients

Standard Error:	92600000
Relative Standard Error:	7.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	3.15262	20.0	16244298.0	0.063052	Y
2	IC 460-751453/4	500.0	33.986768	20.0	17028952.0	0.067974	Y
3	IC 460-751453/2	1000.0	65.937523	20.0	16549019.0	0.065938	Y
4	IC 460-751453/5	1500.0	114.999473	20.0	16495267.0	0.076666	Y
5	IC 460-751453/6	2500.0	173.348873	20.0	16896091.0	0.06934	Y



Calibration / PCB-1016 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

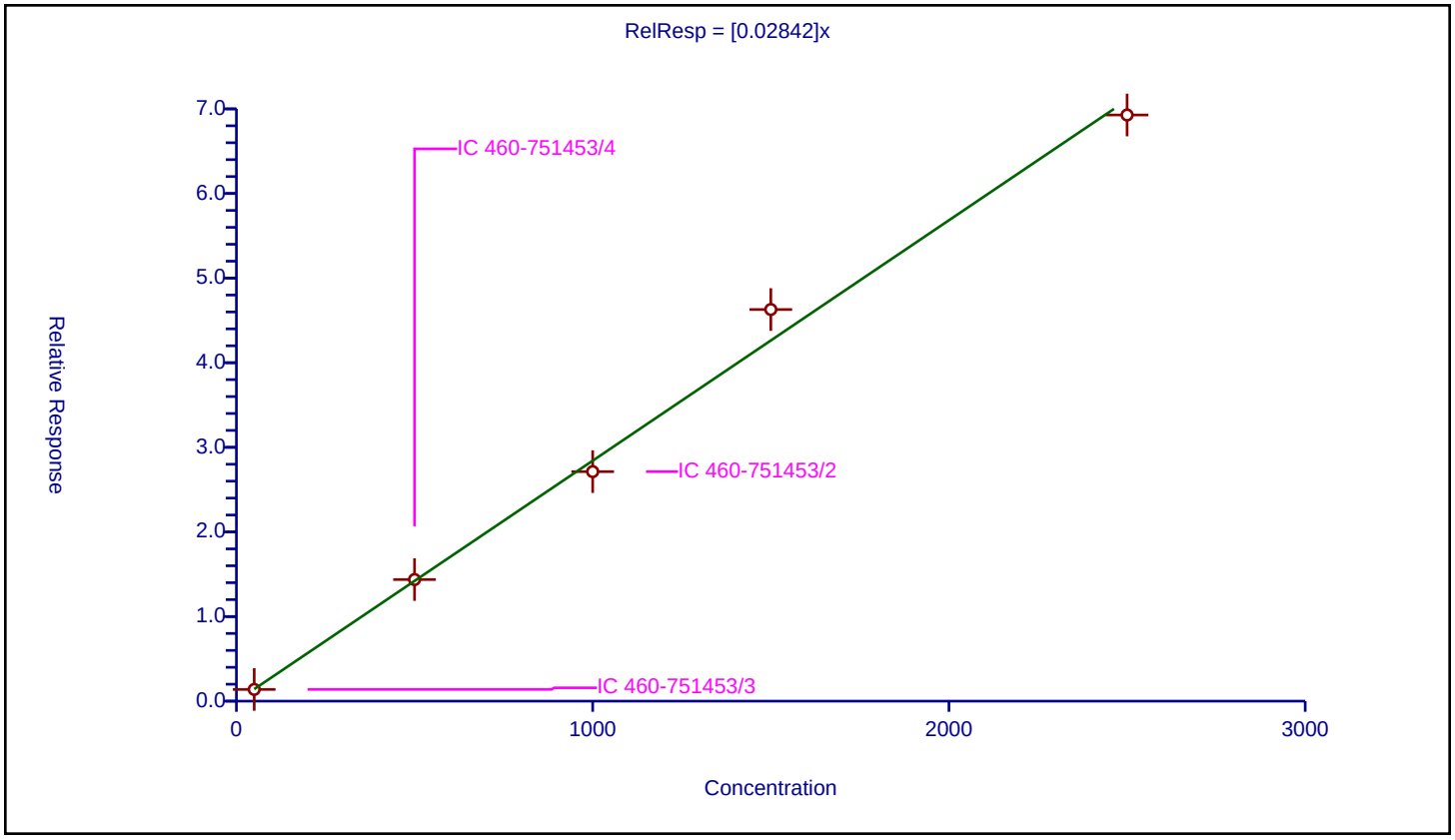
Curve Coefficients

Intercept:	0
Slope:	0.02842

Error Coefficients

Standard Error:	37200000
Relative Standard Error:	5.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.382512	20.0	16244298.0	0.02765	Y
2	IC 460-751453/4	500.0	14.37123	20.0	17028952.0	0.028742	Y
3	IC 460-751453/2	1000.0	27.12693	20.0	16549019.0	0.027127	Y
4	IC 460-751453/5	1500.0	46.287083	20.0	16495267.0	0.030858	Y
5	IC 460-751453/6	2500.0	69.277626	20.0	16896091.0	0.027711	Y



Calibration / PCB-1016 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

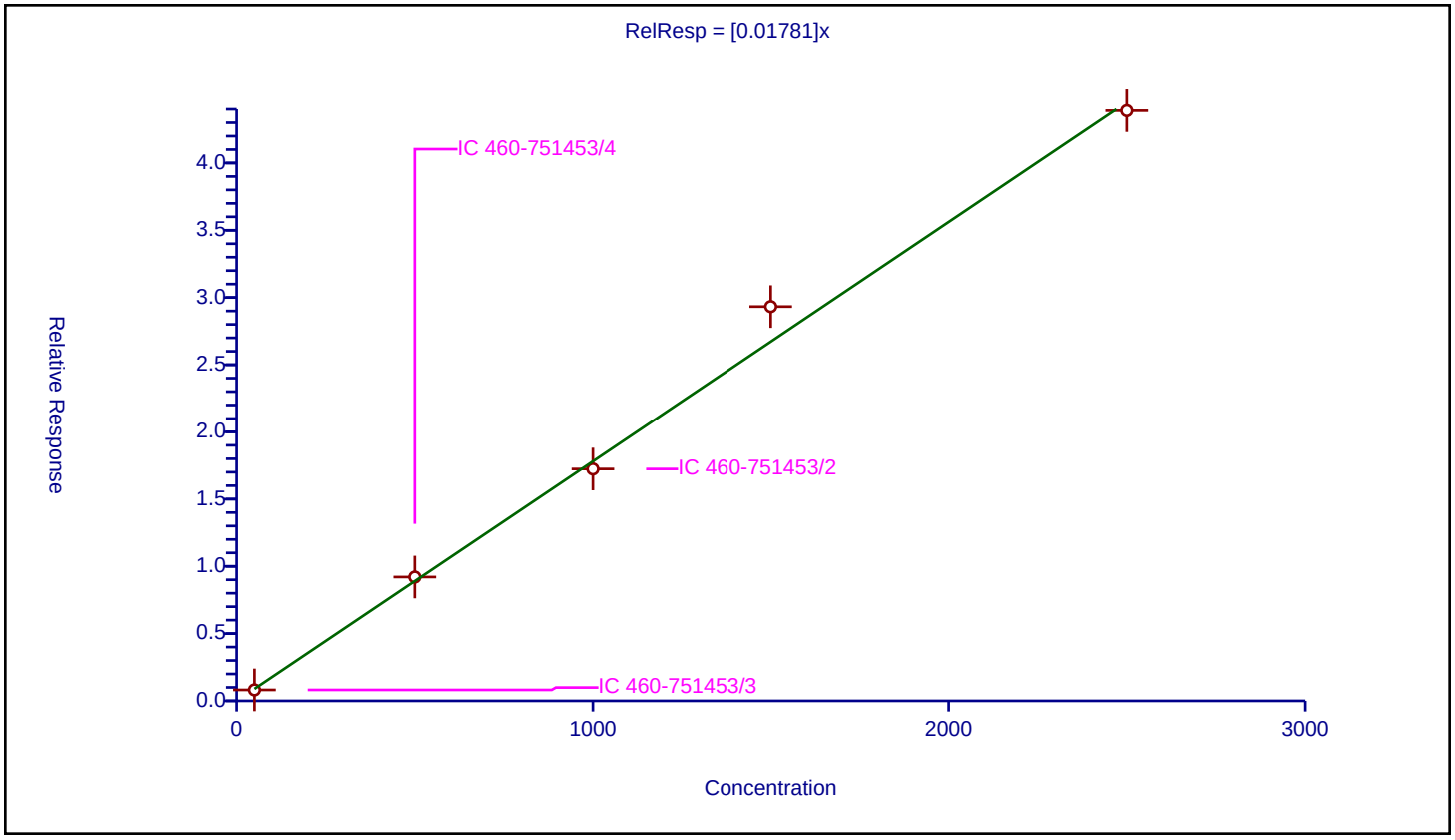
Curve Coefficients

Intercept:	0
Slope:	0.01781

Error Coefficients

Standard Error:	23600000
Relative Standard Error:	6.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	0.813888	20.0	16244298.0	0.016278	Y
2	IC 460-751453/4	500.0	9.206256	20.0	17028952.0	0.018413	Y
3	IC 460-751453/2	1000.0	17.239138	20.0	16549019.0	0.017239	Y
4	IC 460-751453/5	1500.0	29.324378	20.0	16495267.0	0.01955	Y
5	IC 460-751453/6	2500.0	43.899399	20.0	16896091.0	0.01756	Y



Calibration / PCB-1016 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

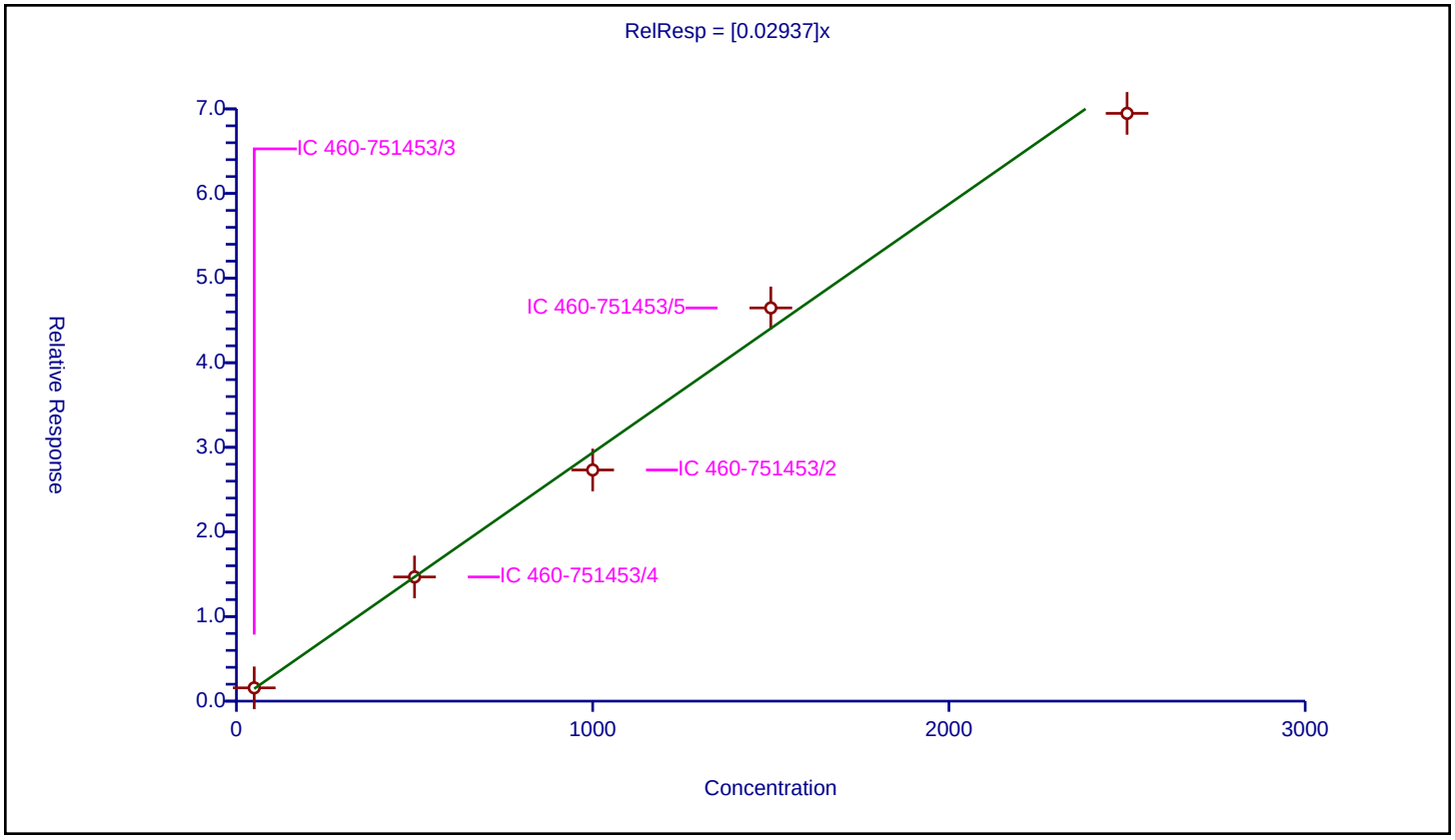
Curve Coefficients

Intercept:	0
Slope:	0.02937

Error Coefficients

Standard Error:	37400000
Relative Standard Error:	6.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.569475	20.0	16244298.0	0.03139	Y
2	IC 460-751453/4	500.0	14.678358	20.0	17028952.0	0.029357	Y
3	IC 460-751453/2	1000.0	27.322424	20.0	16549019.0	0.027322	Y
4	IC 460-751453/5	1500.0	46.475137	20.0	16495267.0	0.030983	Y
5	IC 460-751453/6	2500.0	69.470217	20.0	16896091.0	0.027788	Y



Calibration / PCB-1016 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

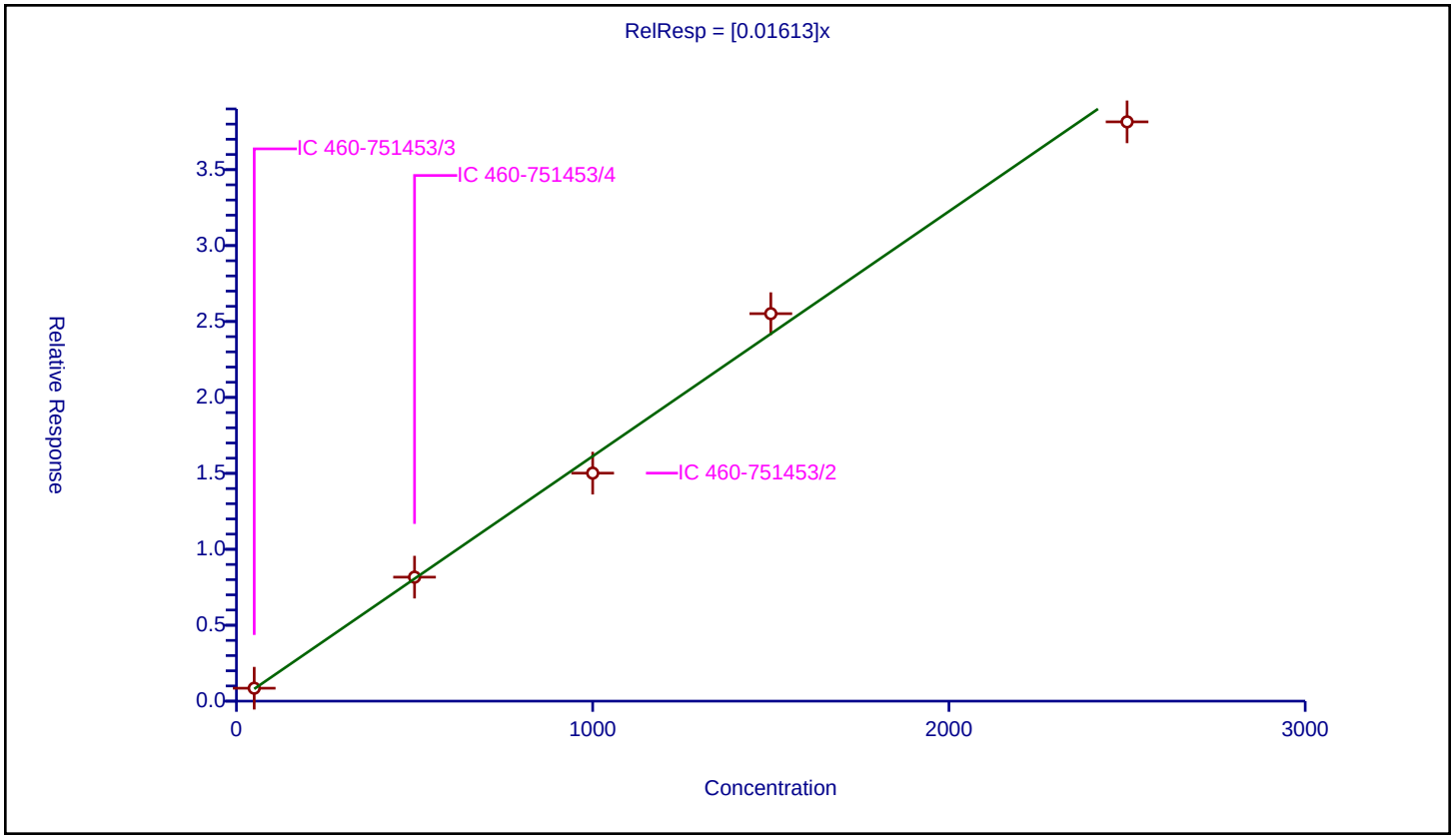
Curve Coefficients

Intercept:	0
Slope:	0.01613

Error Coefficients

Standard Error:	20500000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	0.850758	20.0	16244298.0	0.017015	Y
2	IC 460-751453/4	500.0	8.165067	20.0	17028952.0	0.01633	Y
3	IC 460-751453/2	1000.0	15.014349	20.0	16549019.0	0.015014	Y
4	IC 460-751453/5	1500.0	25.516454	20.0	16495267.0	0.017011	Y
5	IC 460-751453/6	2500.0	38.147035	20.0	16896091.0	0.015259	Y



Calibration / PCB-1260 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

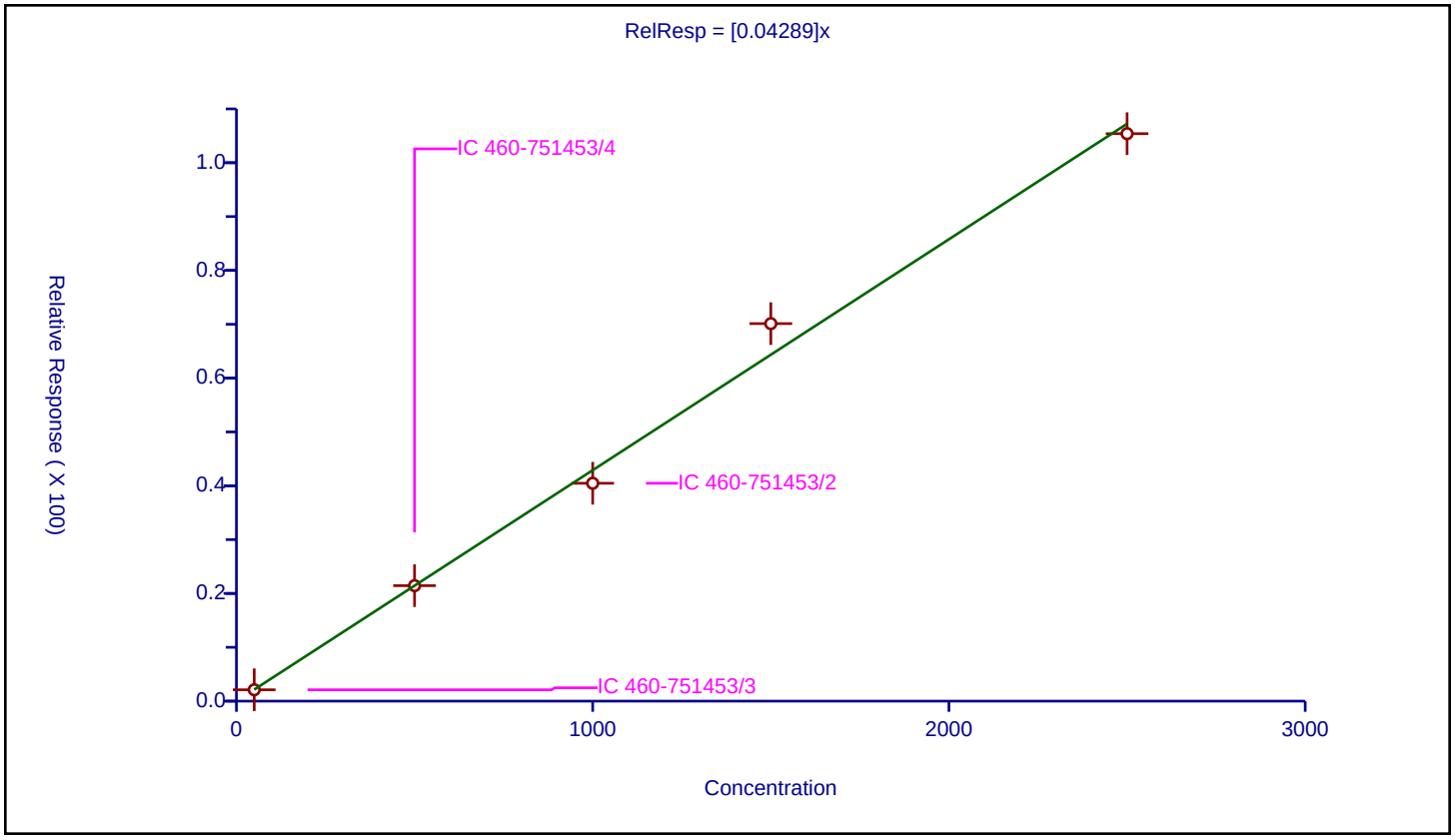
Curve Coefficients

Intercept:	0
Slope:	0.04289

Error Coefficients

Standard Error:	56400000
Relative Standard Error:	5.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	2.109795	20.0	16244298.0	0.042196	Y
2	IC 460-751453/4	500.0	21.446465	20.0	17028952.0	0.042893	Y
3	IC 460-751453/2	1000.0	40.46921	20.0	16549019.0	0.040469	Y
4	IC 460-751453/5	1500.0	70.117751	20.0	16495267.0	0.046745	Y
5	IC 460-751453/6	2500.0	105.399668	20.0	16896091.0	0.04216	Y



Calibration / PCB-1260 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

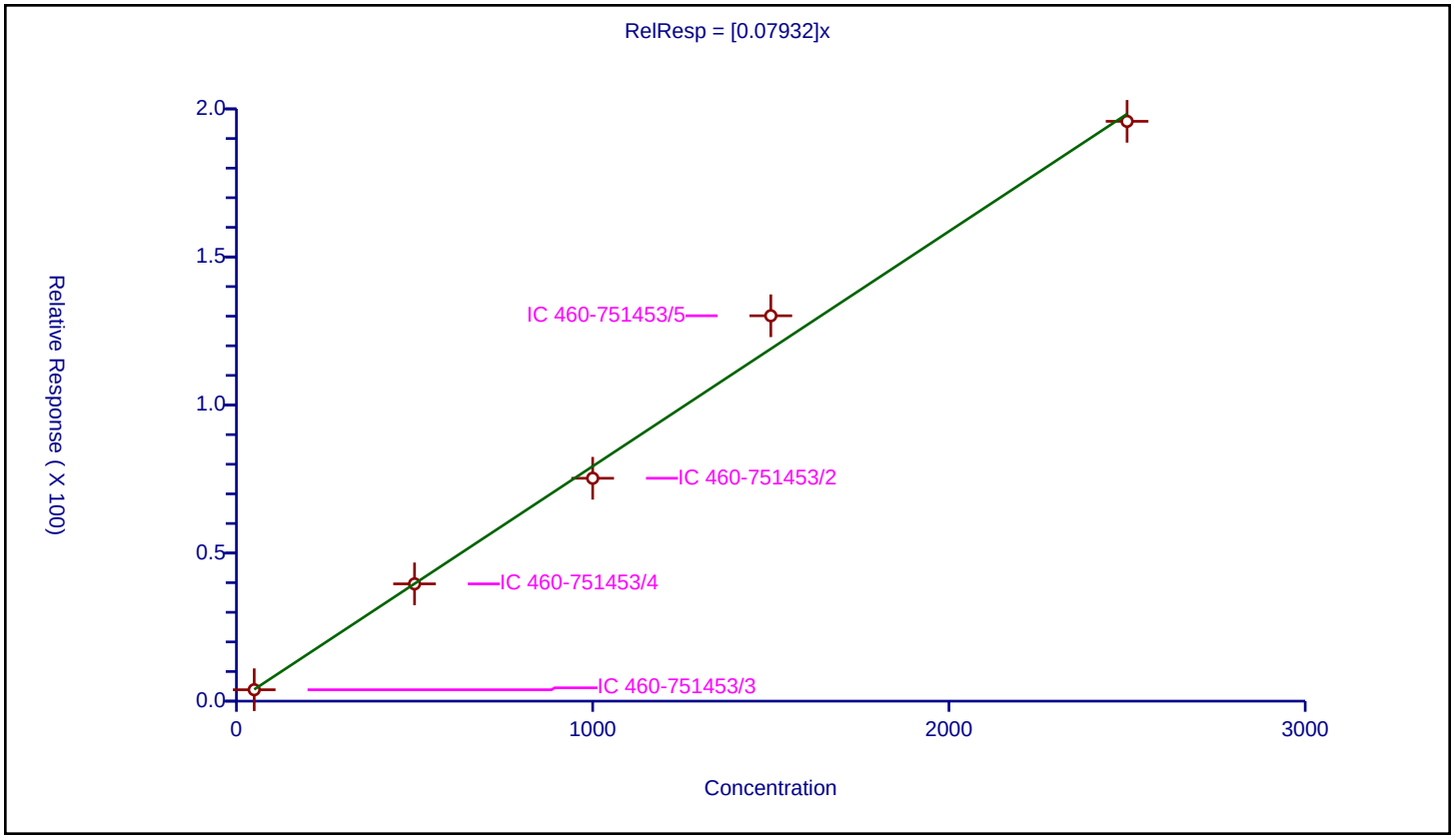
Curve Coefficients

Intercept:	0
Slope:	0.07932

Error Coefficients

Standard Error:	105000000
Relative Standard Error:	5.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	3.850864	20.0	16244298.0	0.077017	Y
2	IC 460-751453/4	500.0	39.607611	20.0	17028952.0	0.079215	Y
3	IC 460-751453/2	1000.0	75.27258	20.0	16549019.0	0.075273	Y
4	IC 460-751453/5	1500.0	130.138216	20.0	16495267.0	0.086759	Y
5	IC 460-751453/6	2500.0	195.79554	20.0	16896091.0	0.078318	Y



Calibration / PCB-1260 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

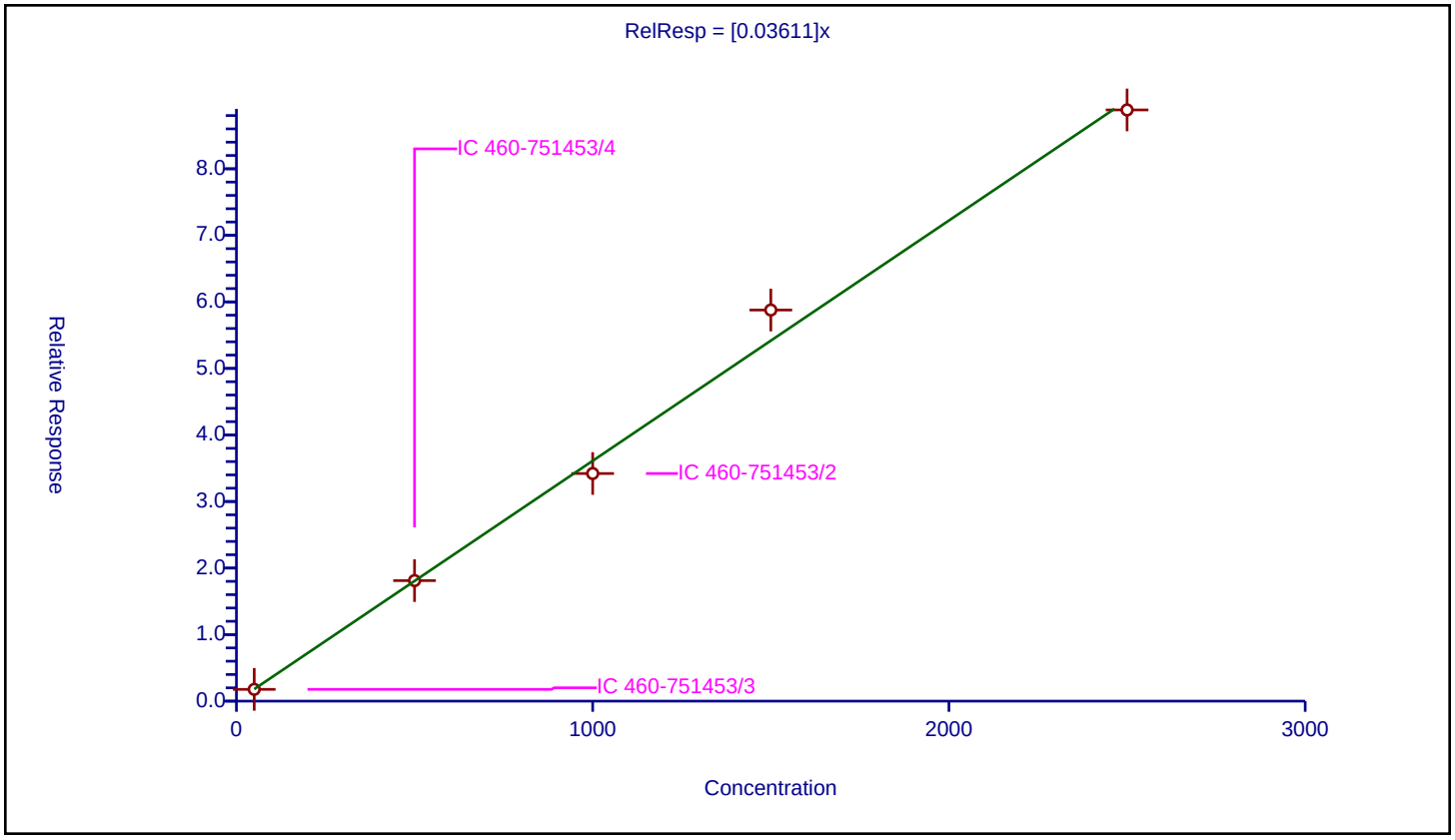
Curve Coefficients

Intercept:	0
Slope:	0.03611

Error Coefficients

Standard Error:	47500000
Relative Standard Error:	5.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.770531	20.0	16244298.0	0.035411	Y
2	IC 460-751453/4	500.0	18.114397	20.0	17028952.0	0.036229	Y
3	IC 460-751453/2	1000.0	34.208087	20.0	16549019.0	0.034208	Y
4	IC 460-751453/5	1500.0	58.773402	20.0	16495267.0	0.039182	Y
5	IC 460-751453/6	2500.0	88.843002	20.0	16896091.0	0.035537	Y



Calibration / PCB-1260 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

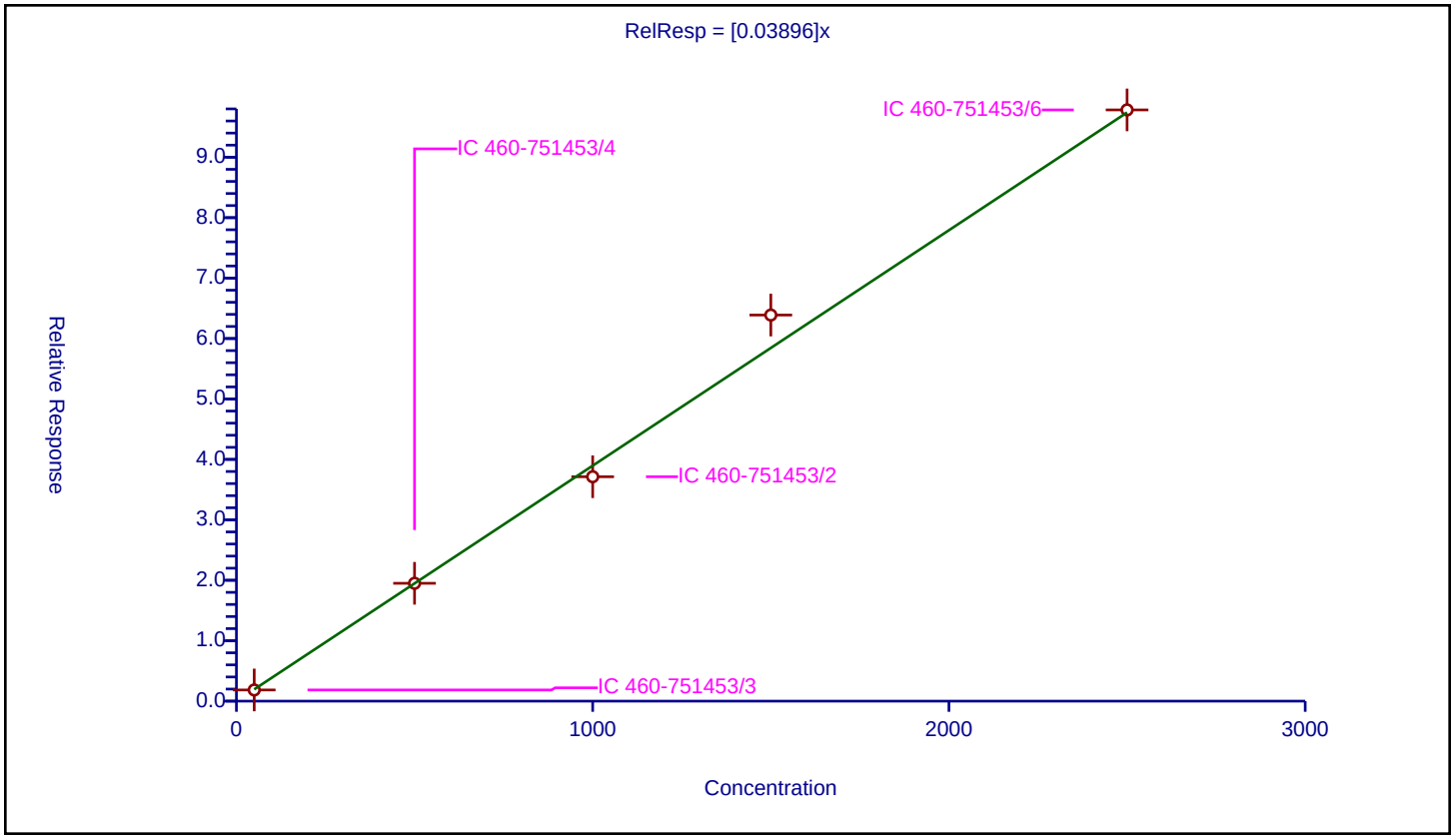
Curve Coefficients

Intercept:	0
Slope:	0.03896

Error Coefficients

Standard Error:	52000000
Relative Standard Error:	5.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.847458	20.0	16244298.0	0.036949	Y
2	IC 460-751453/4	500.0	19.499693	20.0	17028952.0	0.038999	Y
3	IC 460-751453/2	1000.0	37.133736	20.0	16549019.0	0.037134	Y
4	IC 460-751453/5	1500.0	63.888244	20.0	16495267.0	0.042592	Y
5	IC 460-751453/6	2500.0	97.832328	20.0	16896091.0	0.039133	Y



Calibration / PCB-1260 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

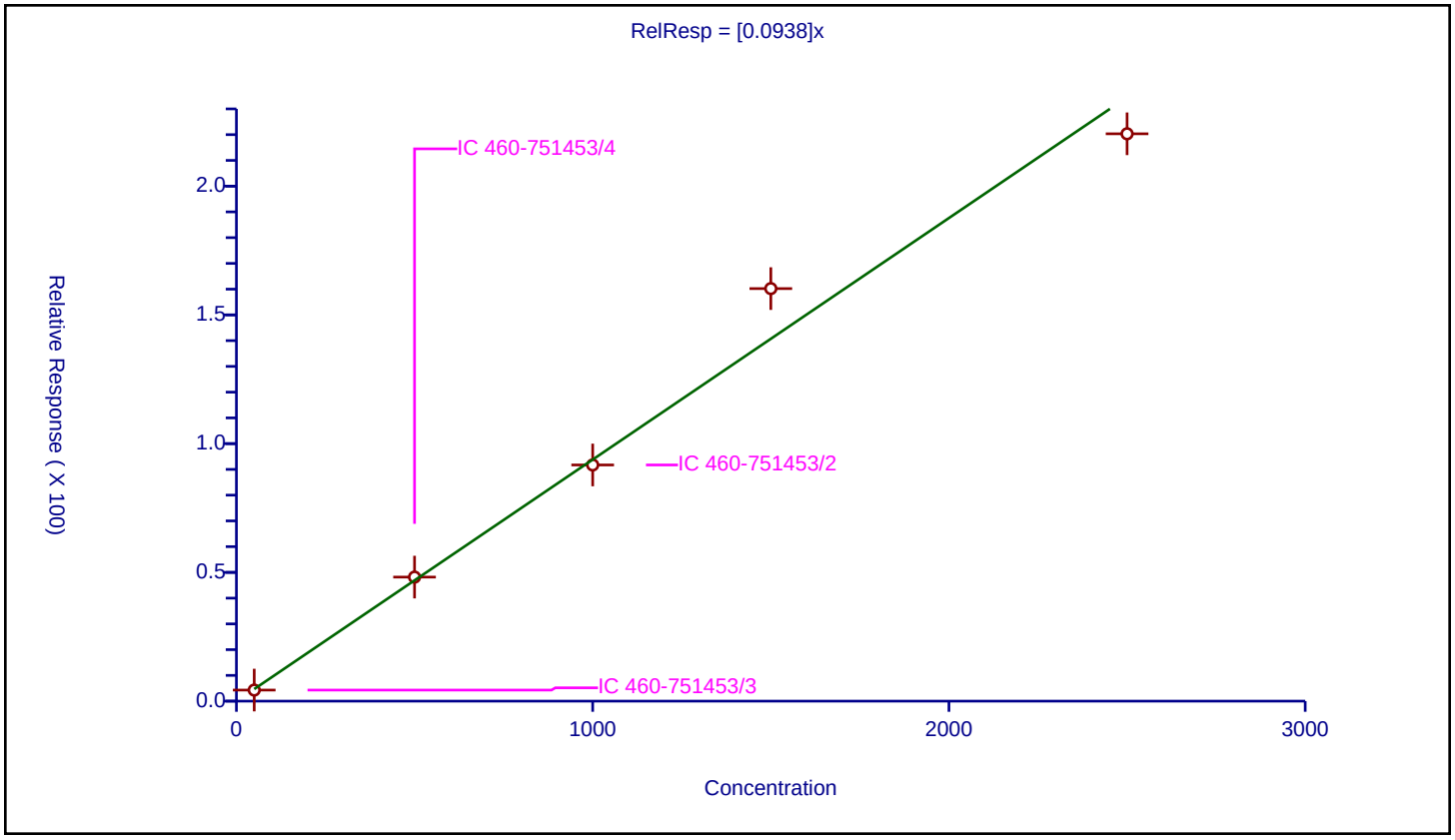
Curve Coefficients

Intercept:	0
Slope:	0.0938

Error Coefficients

Standard Error:	122000000
Relative Standard Error:	8.8
Correlation Coefficient:	0.986
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	4.300945	20.0	16244298.0	0.086019	Y
2	IC 460-751453/4	500.0	48.169462	20.0	17028952.0	0.096339	Y
3	IC 460-751453/2	1000.0	91.720799	20.0	16549019.0	0.091721	Y
4	IC 460-751453/5	1500.0	160.212654	20.0	16495267.0	0.106808	Y
5	IC 460-751453/6	2500.0	220.33091	20.0	16896091.0	0.088132	Y



Calibration / PCB-1260 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

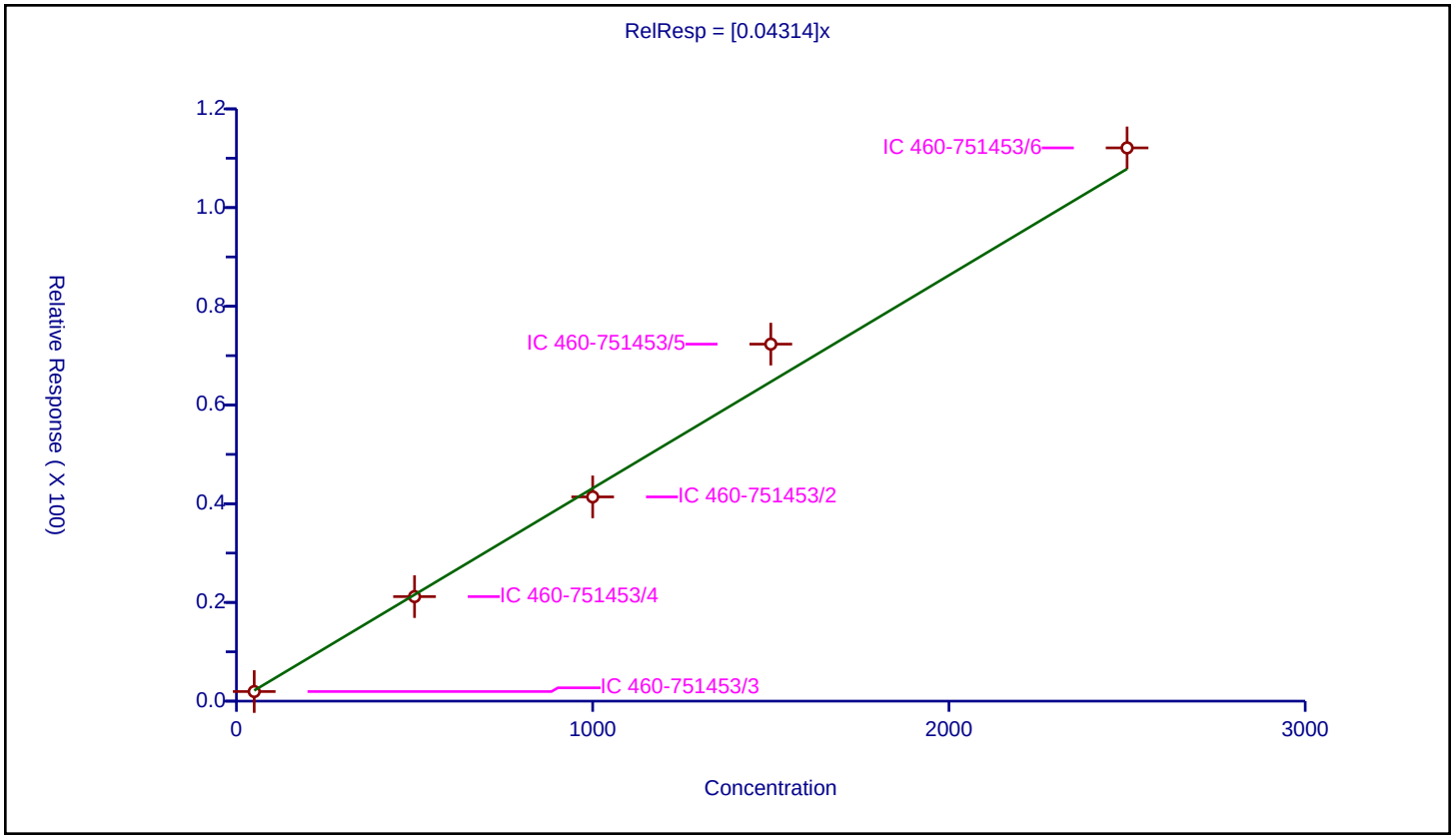
Curve Coefficients

Intercept:	0
Slope:	0.04314

Error Coefficients

Standard Error:	59200000
Relative Standard Error:	8.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.944126	20.0	16244298.0	0.038883	Y
2	IC 460-751453/4	500.0	21.178418	20.0	17028952.0	0.042357	Y
3	IC 460-751453/2	1000.0	41.381862	20.0	16549019.0	0.041382	Y
4	IC 460-751453/5	1500.0	72.339563	20.0	16495267.0	0.048226	Y
5	IC 460-751453/6	2500.0	112.101825	20.0	16896091.0	0.044841	Y



Calibration / PCB-1260 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

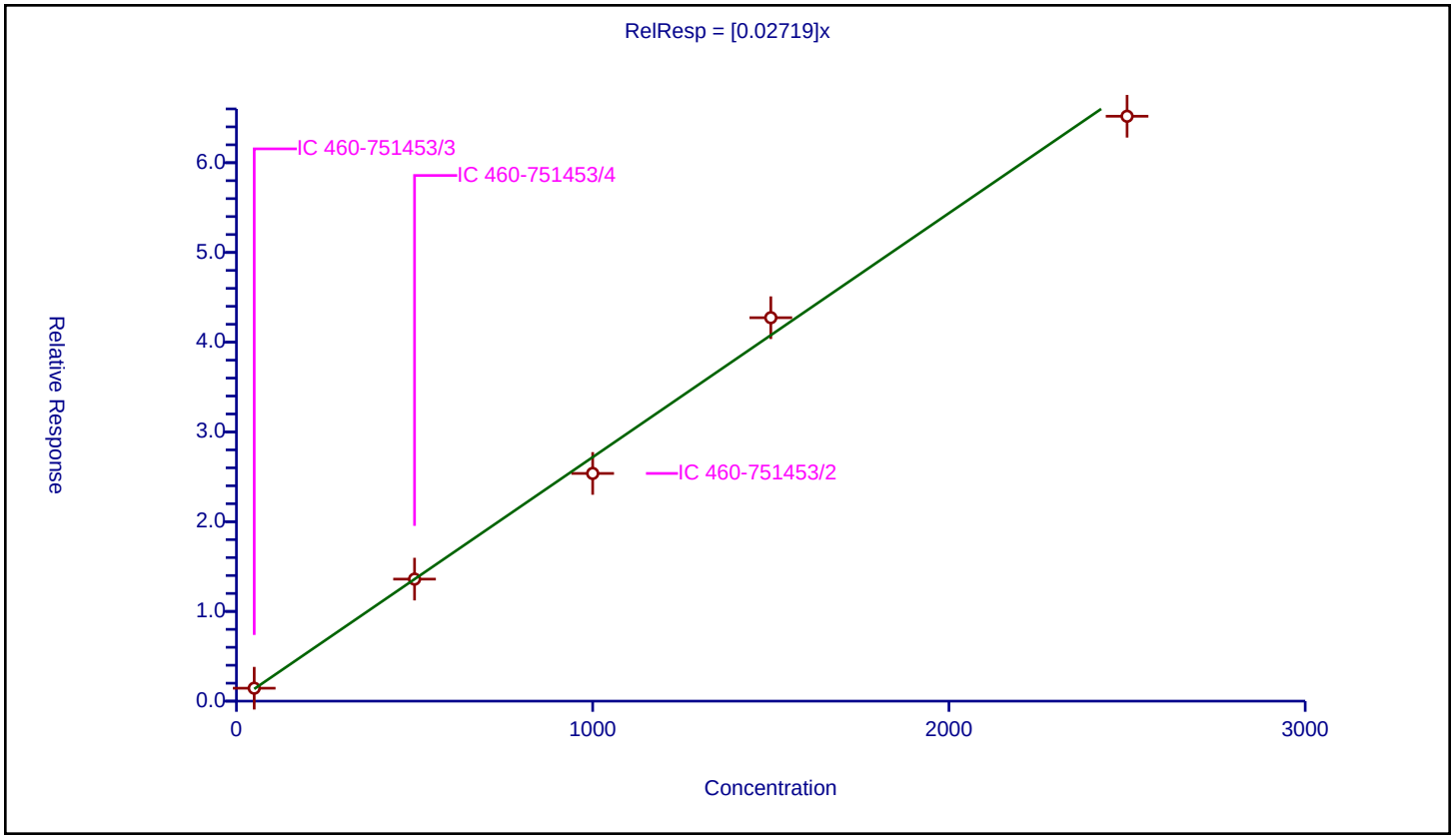
Curve Coefficients

Intercept:	0
Slope:	0.02719

Error Coefficients

Standard Error:	34800000
Relative Standard Error:	5.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.440901	20.0	16244298.0	0.028818	Y
2	IC 460-751453/4	500.0	13.597323	20.0	17028952.0	0.027195	Y
3	IC 460-751453/2	1000.0	25.374548	20.0	16549019.0	0.025375	Y
4	IC 460-751453/5	1500.0	42.730752	20.0	16495267.0	0.028487	Y
5	IC 460-751453/6	2500.0	65.181685	20.0	16896091.0	0.026073	Y



Calibration / PCB-1260 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

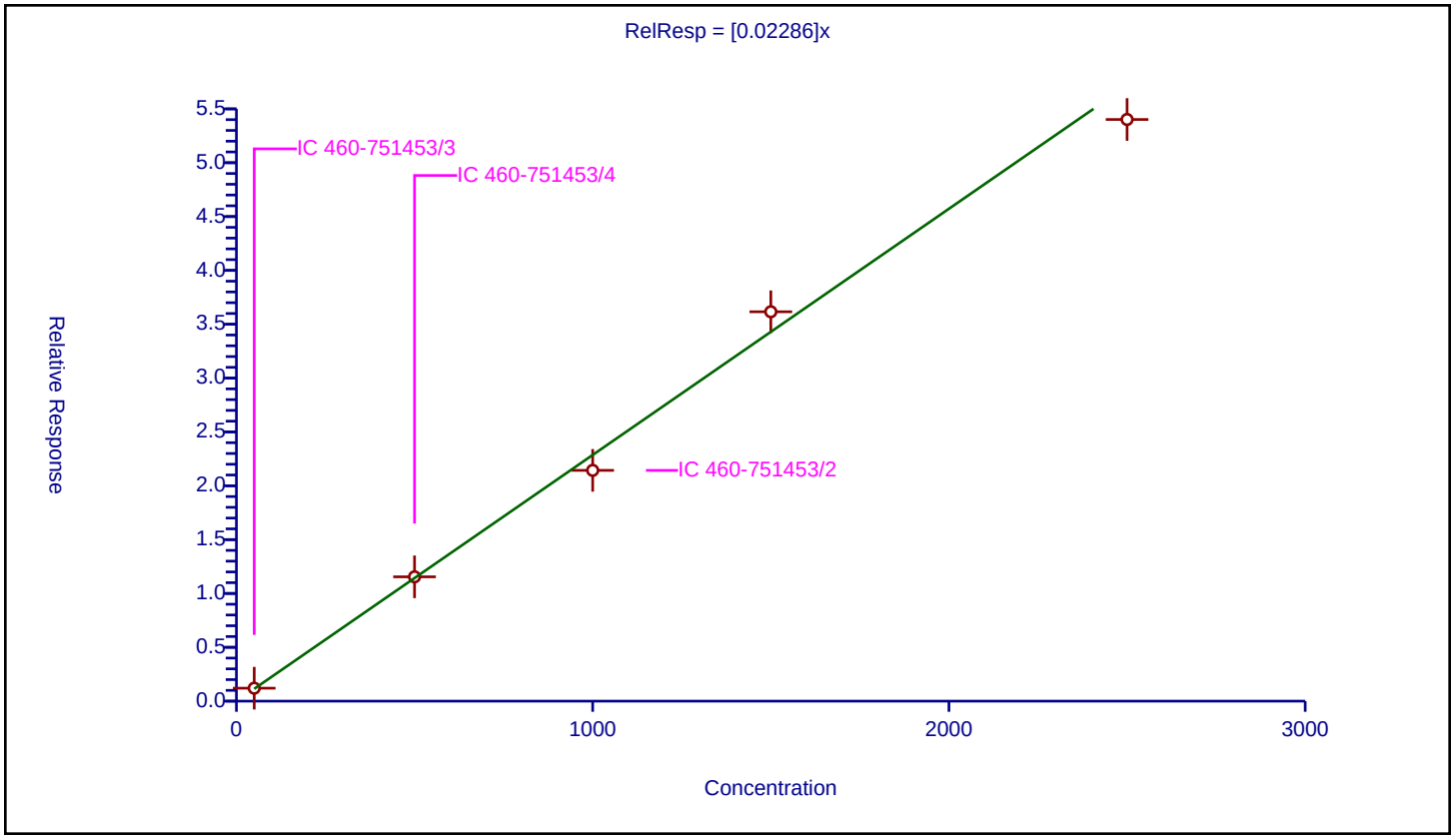
Curve Coefficients

Intercept:	0
Slope:	0.02286

Error Coefficients

Standard Error:	29100000
Relative Standard Error:	5.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	50.0	1.203774	20.0	16244298.0	0.024075	Y
2	IC 460-751453/4	500.0	11.544703	20.0	17028952.0	0.023089	Y
3	IC 460-751453/2	1000.0	21.430986	20.0	16549019.0	0.021431	Y
4	IC 460-751453/5	1500.0	36.159723	20.0	16495267.0	0.024106	Y
5	IC 460-751453/6	2500.0	54.016172	20.0	16896091.0	0.021606	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

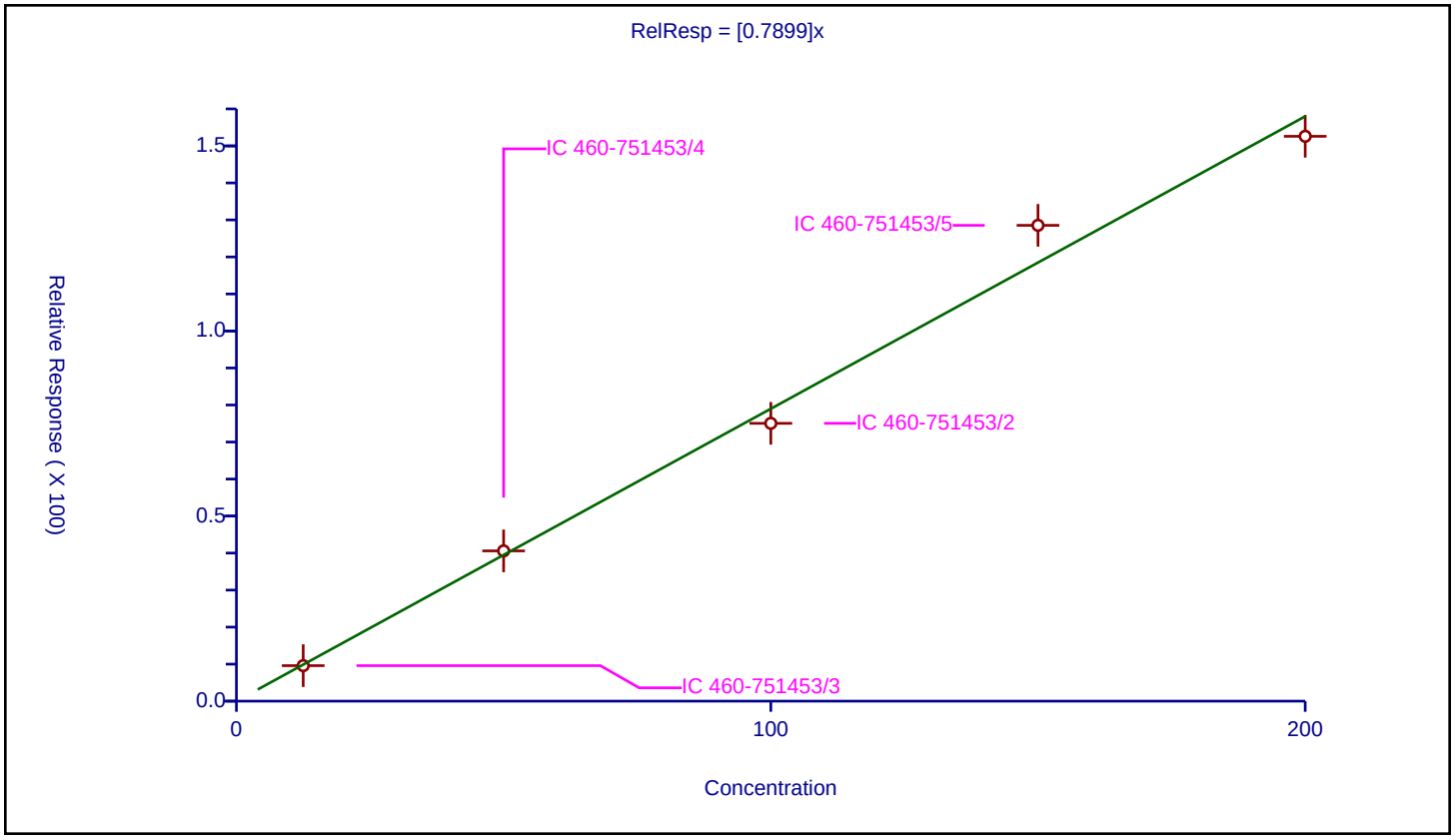
Curve Coefficients

Intercept:	0
Slope:	0.7899

Error Coefficients

Standard Error:	90800000
Relative Standard Error:	5.6
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/3	12.5	9.589076	20.0	16244298.0	0.767126	Y
2	IC 460-751453/4	50.0	40.594274	20.0	17028952.0	0.811885	Y
3	IC 460-751453/2	100.0	75.053718	20.0	16549019.0	0.750537	Y
4	IC 460-751453/5	150.0	128.540971	20.0	16495267.0	0.85694	Y
5	IC 460-751453/6	200.0	152.598654	20.0	16896091.0	0.762993	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 12:18 Calibration End Date: 01/07/2021 12:18 Calibration ID: 83344

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/8	13F0008258.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0059					Ave		0.0059						20.0			
PCB-1221 Peak 2	0.0096					Ave		0.0096						20.0			
PCB-1221 Peak 3	0.0062					Ave		0.0062						20.0			
PCB-1221 Peak 4	0.0226					Ave		0.0226						20.0			
PCB-1221 Peak 5	0.0029					Ave		0.0029						20.0			
PCB-1221 Peak 6	0.0047					Ave		0.0047						20.0			
PCB-1221 Peak 7	0.0022					Ave		0.0022						20.0			
PCB-1221 Peak 8	0.0012					Ave		0.0012						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 12:18 Calibration End Date: 01/07/2021 12:18 Calibration ID: 83344

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/8	13F0008258.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	6667794					1000				
PCB-1221 Peak 2	BNB	Ave	10787907					1000				
PCB-1221 Peak 3	BNB	Ave	6982351					1000				
PCB-1221 Peak 4	BNB	Ave	25288903					1000				
PCB-1221 Peak 5	BNB	Ave	3267282					1000				
PCB-1221 Peak 6	BNB	Ave	5321732					1000				
PCB-1221 Peak 7	BNB	Ave	2418779					1000				
PCB-1221 Peak 8	BNB	Ave	1383977					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008258.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 12:18:40 ALS Bottle#: 12 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-008
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:10 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:53:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.694	1.694	0.000	22428946	20.0	20.0	
2	1.404	1.404	0.000	16704238	20.0	20.0	M
						RPD = 0.00	
1 PCB-1221							M
1	2.150	2.150	0.000	6667794	1000.0	1000.0	
1	3.036	3.036	0.000	10787907	1000.0	1000.0	M
1	3.209	3.209	0.000	6982351	1000.0	1000.0	M
1	3.283	3.283	0.000	25288903	1000.0	1000.0	M
1	3.857	3.857	0.000	3267282	1000.0	1000.0	M
1	4.361	4.361	0.000	5321732	1000.0	1000.0	M
1	4.531	4.531	0.000	2418779	1000.0	1000.0	M
1	4.657	4.657	0.000	1383977	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.590	1.590	0.000	5406010	1000.0	1000.0	M
2	2.240	2.240	0.000	7985920	1000.0	1000.0	M
2	2.390	2.390	0.000	4917152	1000.0	1000.0	M
2	2.432	2.432	0.000	18767682	1000.0	1000.0	M
2	2.813	2.813	0.000	2627920	1000.0	1000.0	M
2	2.945	2.945	0.000	2615791	1000.0	1000.0	M
2	3.323	3.323	0.000	3987223	1000.0	1000.0	M
2	3.473	3.473	0.000	1836417	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1221L4_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:11 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008258.D

Injection Date: 07-Jan-2021 12:18:40 Instrument ID: CPESTGC13 Operator ID:

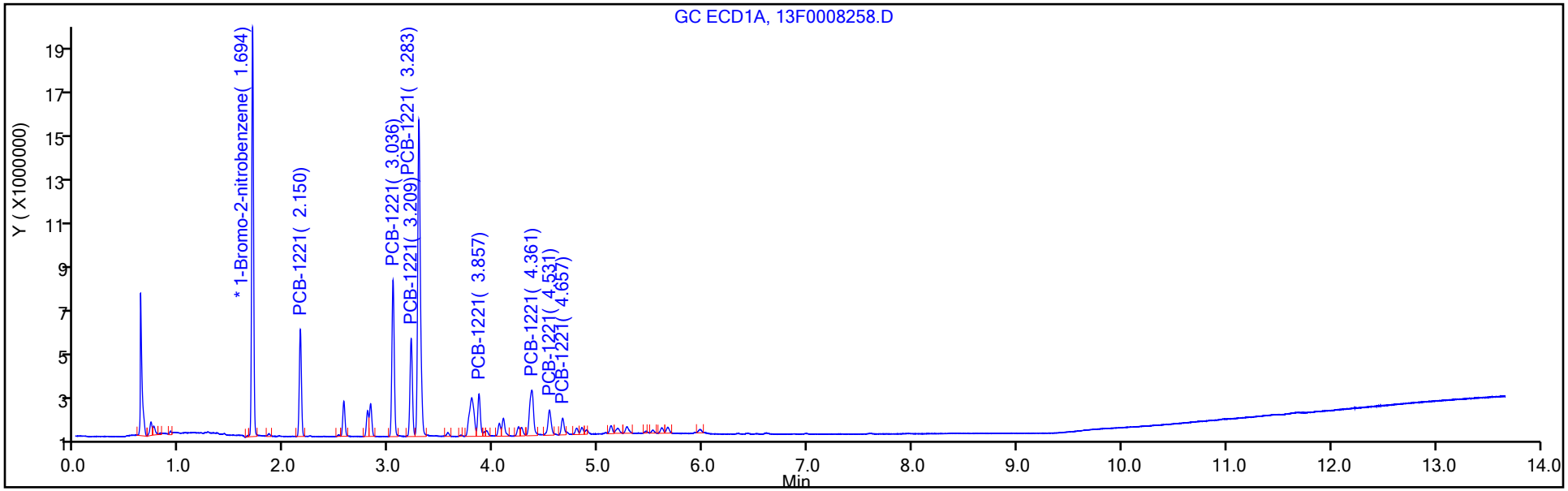
Lims ID: IC 1221 Worklist Smp#: 8

Client ID:

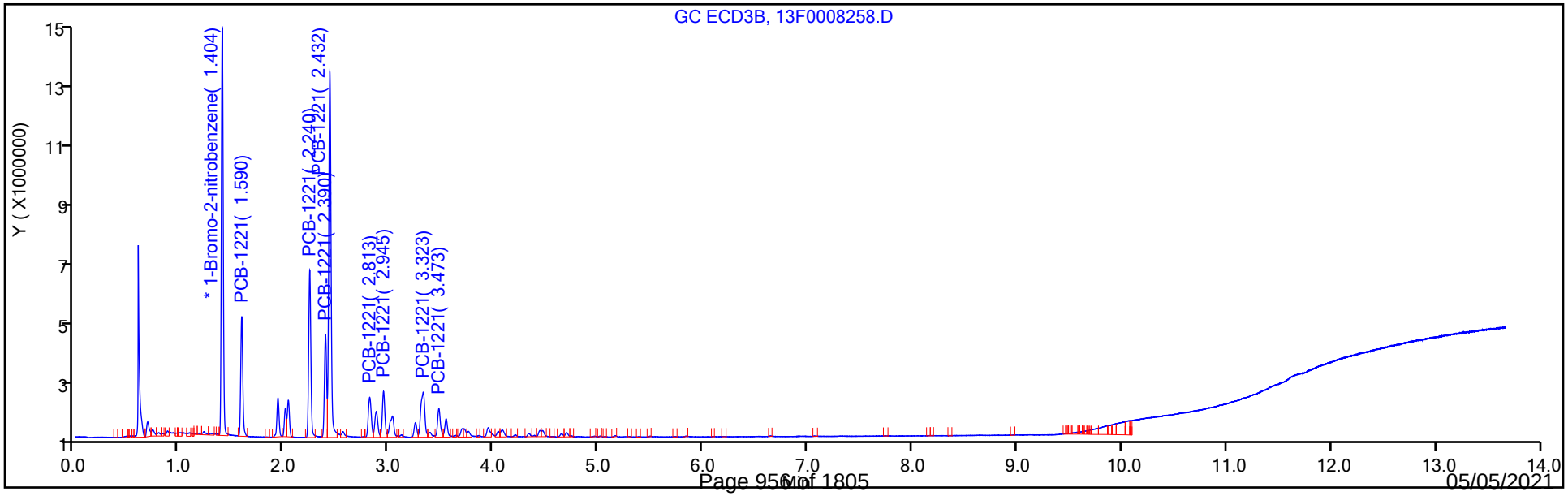
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 12

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 15:00:11 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008258.D

Injection Date: 07-Jan-2021 12:18:40 Instrument ID: CPESTGC13

Lims ID: IC 1221

Client ID:

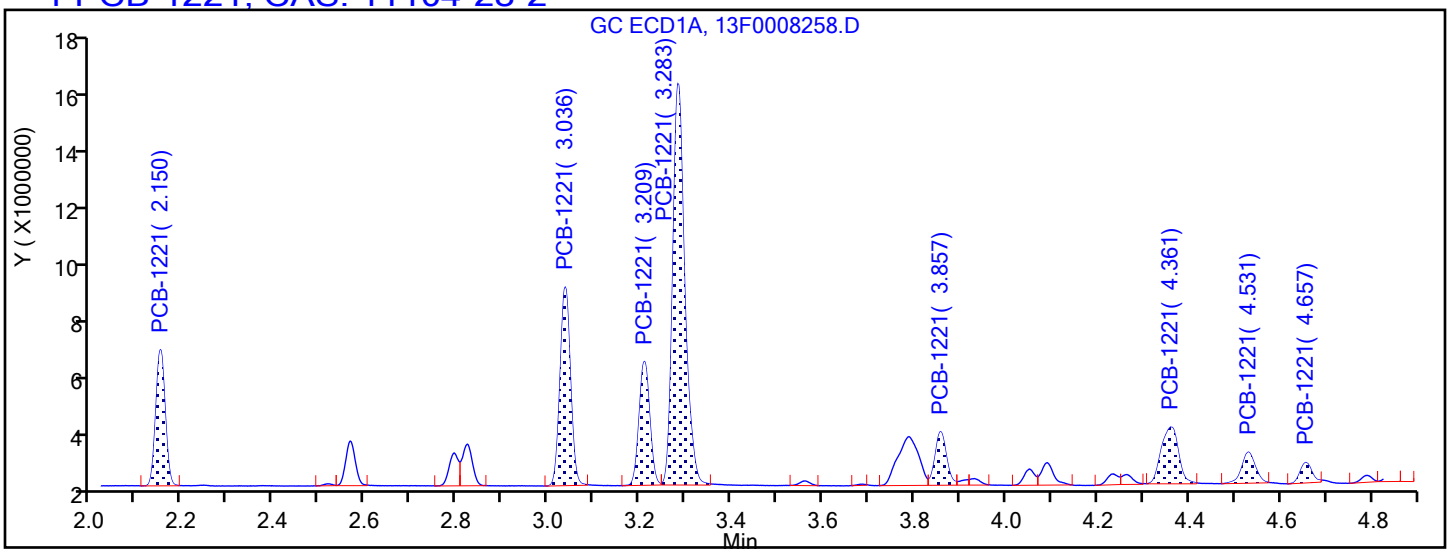
Operator ID: ALS Bottle#: 12 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

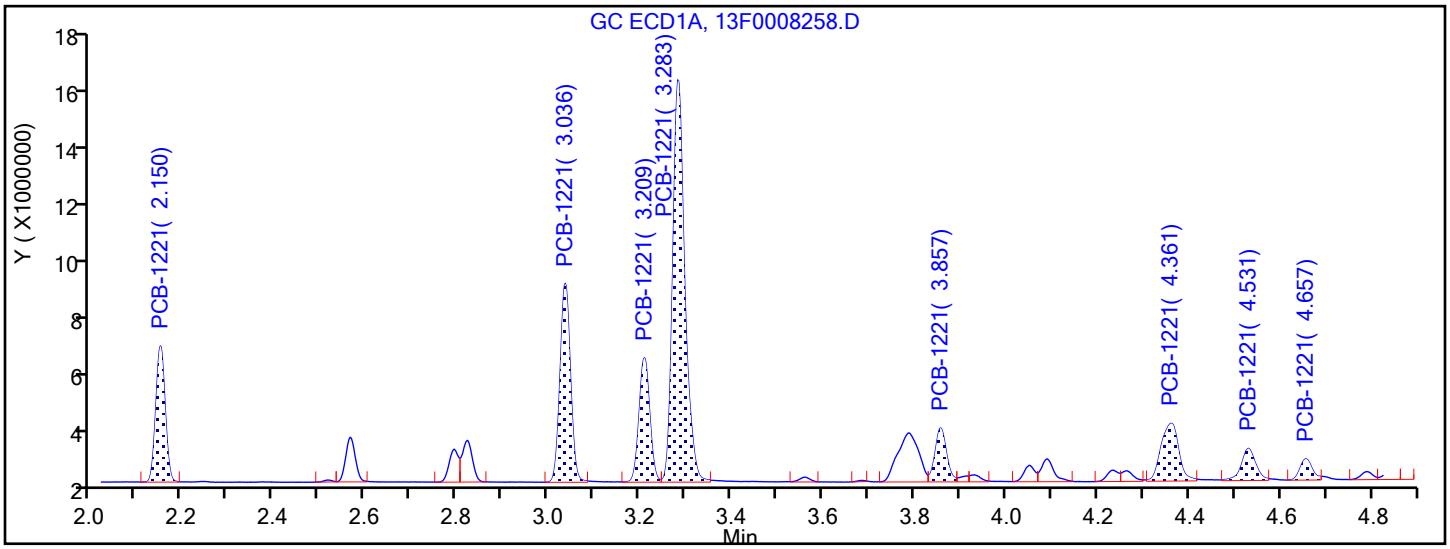
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

1 PCB-1221, CAS: 11104-28-2



Processing Integration Results

2.150	Response = 6667794
3.036	Response = 10717856
3.209	Response = 6880377
3.283	Response = 25100687
3.857	Response = 3215022
4.361	Response = 5091355
4.531	Response = 2207120
4.657	Response = 1260755



Manual Integration Results

2.150	Response = 6667794	
3.036	Response = 10787907	M
3.209	Response = 6982351	M
3.283	Response = 25288903	M
3.857	Response = 3267282	M
4.361	Response = 5321732	M

Calibration / PCB-1221 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

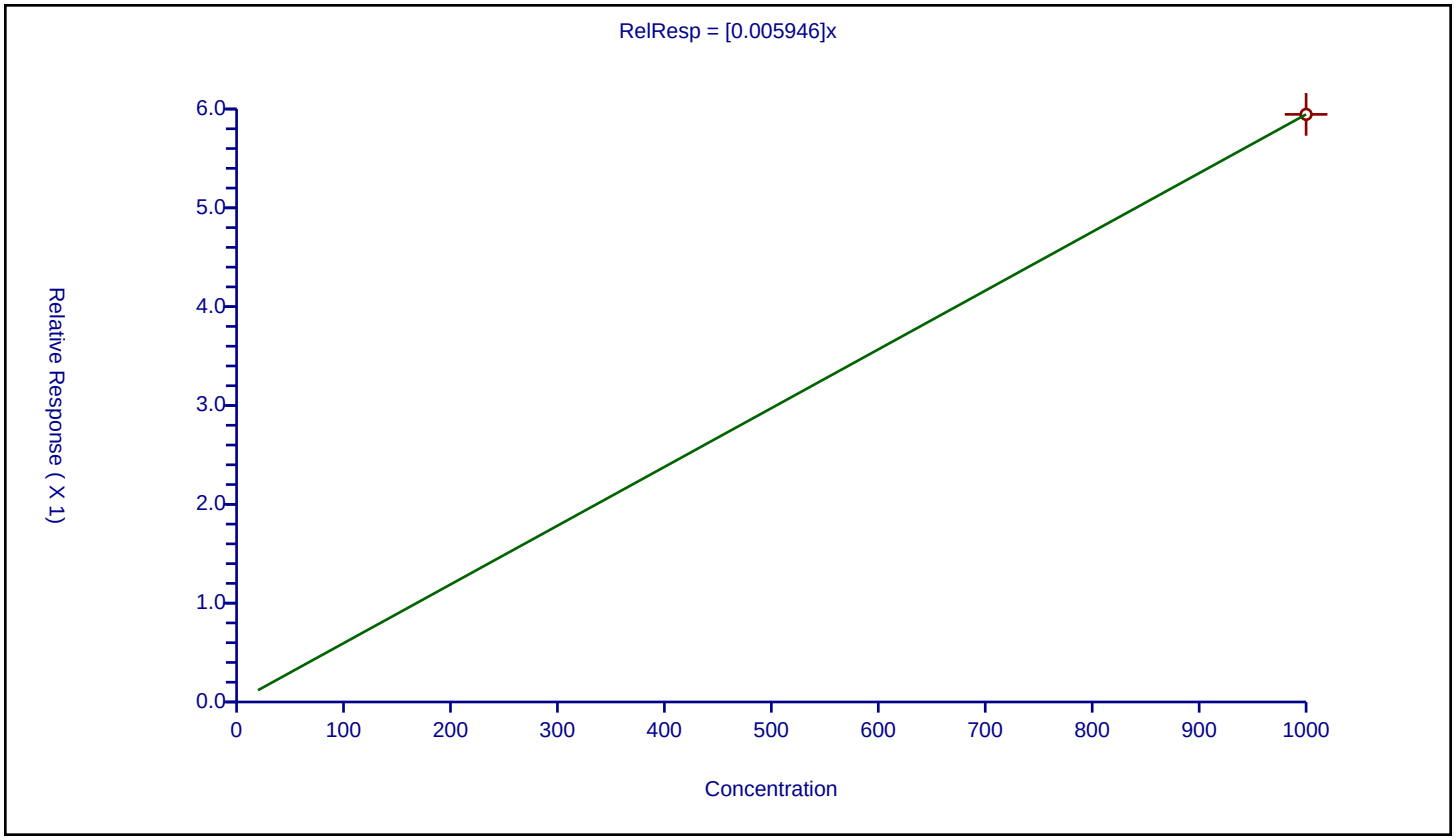
Curve Coefficients

Intercept:	0
Slope:	0.005946

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	5.945704	20.0	22428946.0	0.005946	Y



Calibration / PCB-1221 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

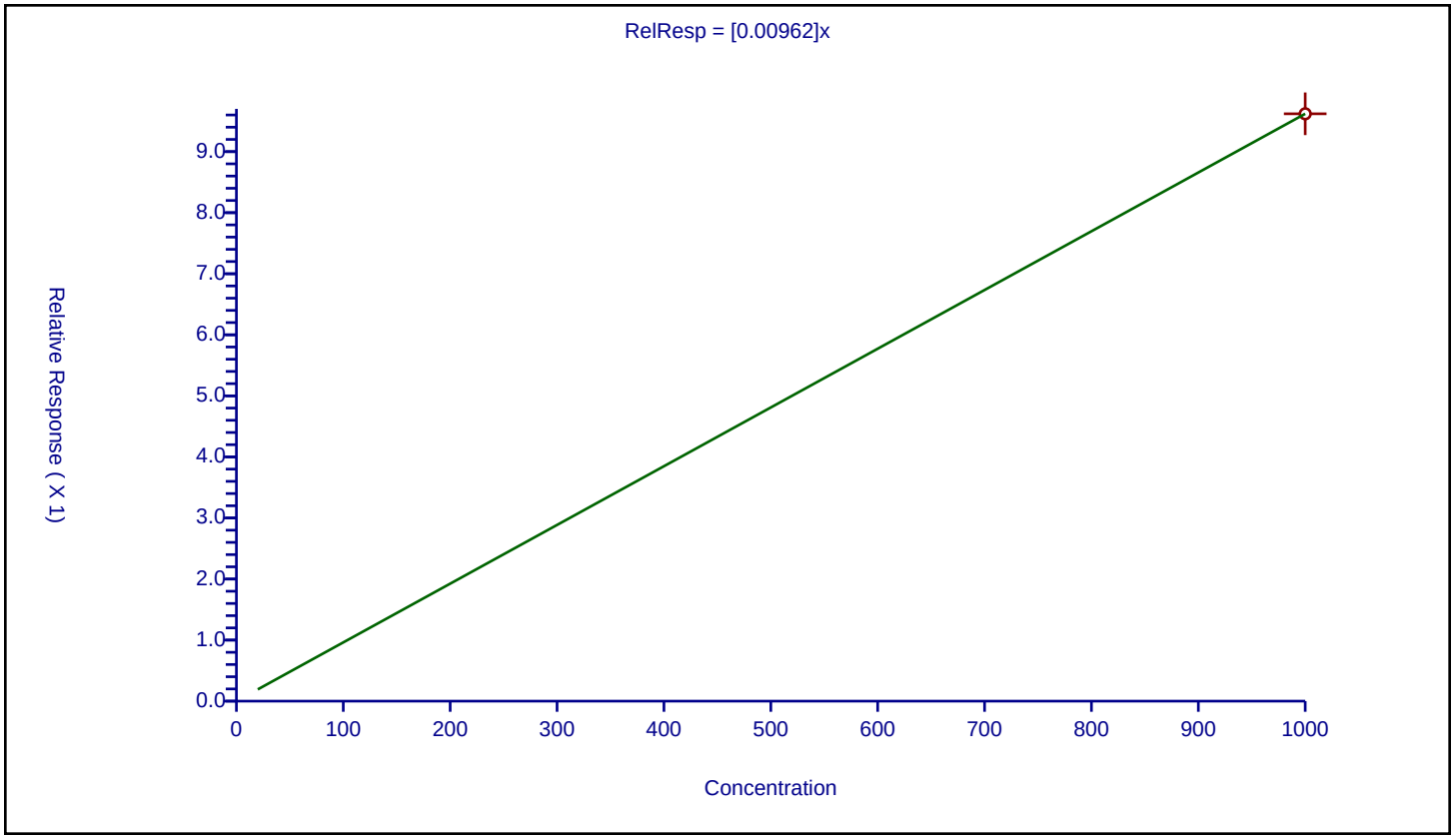
Curve Coefficients

Intercept:	0
Slope:	0.00962

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	9.619629	20.0	22428946.0	0.00962	Y



Calibration / PCB-1221 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

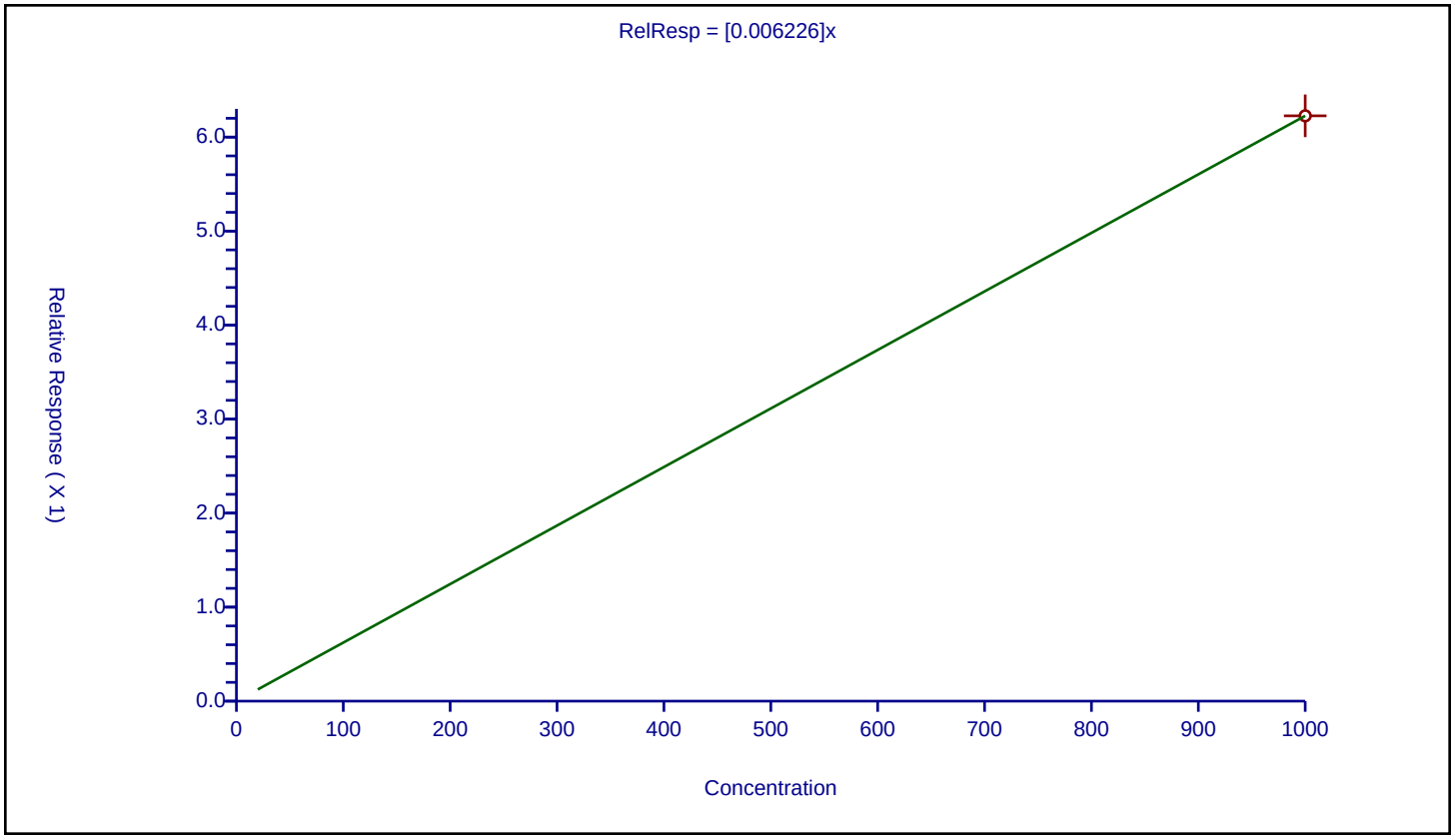
Curve Coefficients

Intercept:	0
Slope:	0.006226

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	6.226196	20.0	22428946.0	0.006226	Y



Calibration / PCB-1221 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

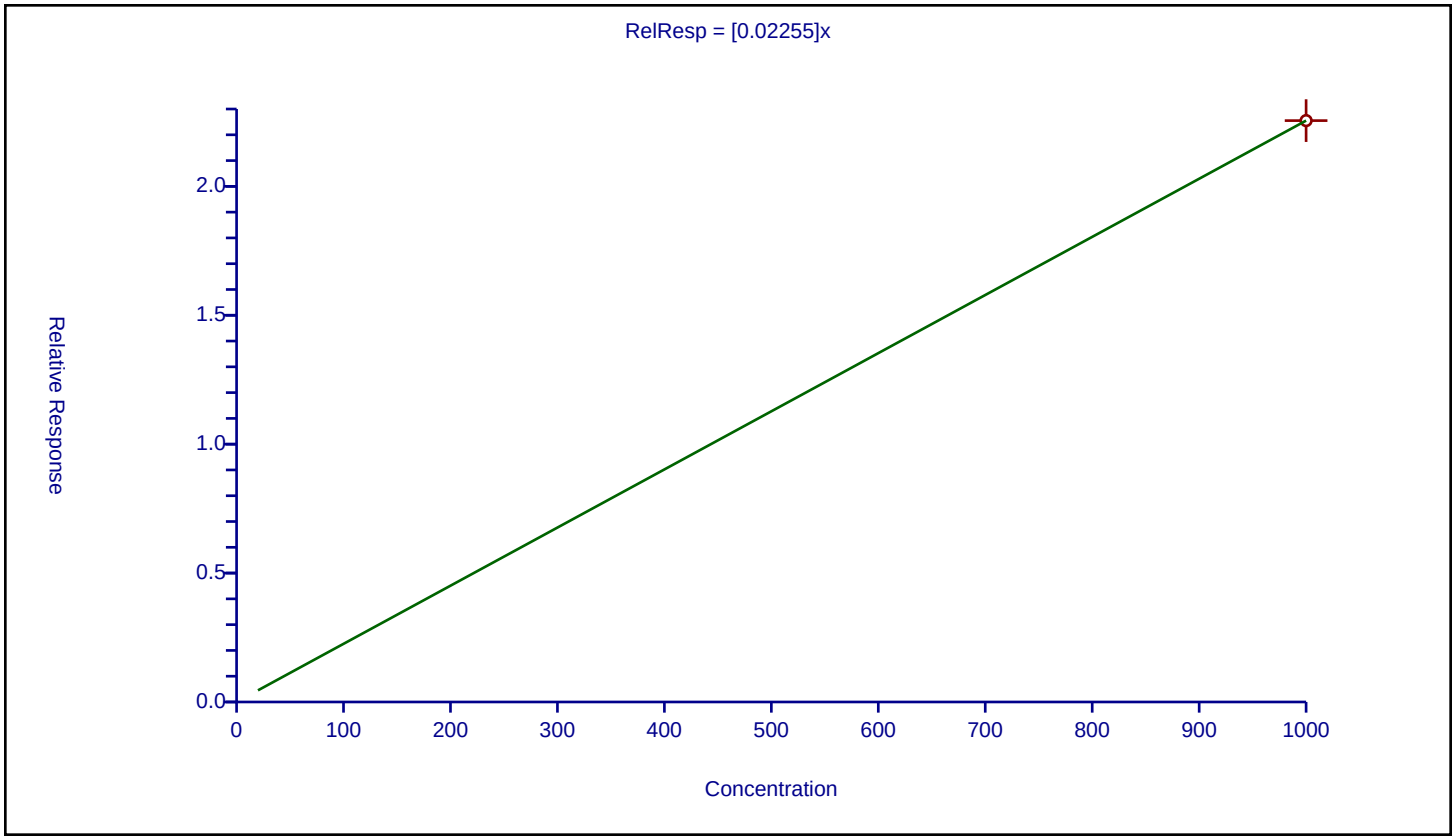
Curve Coefficients

Intercept:	0
Slope:	0.02255

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	22.550238	20.0	22428946.0	0.02255	Y



Calibration / PCB-1221 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

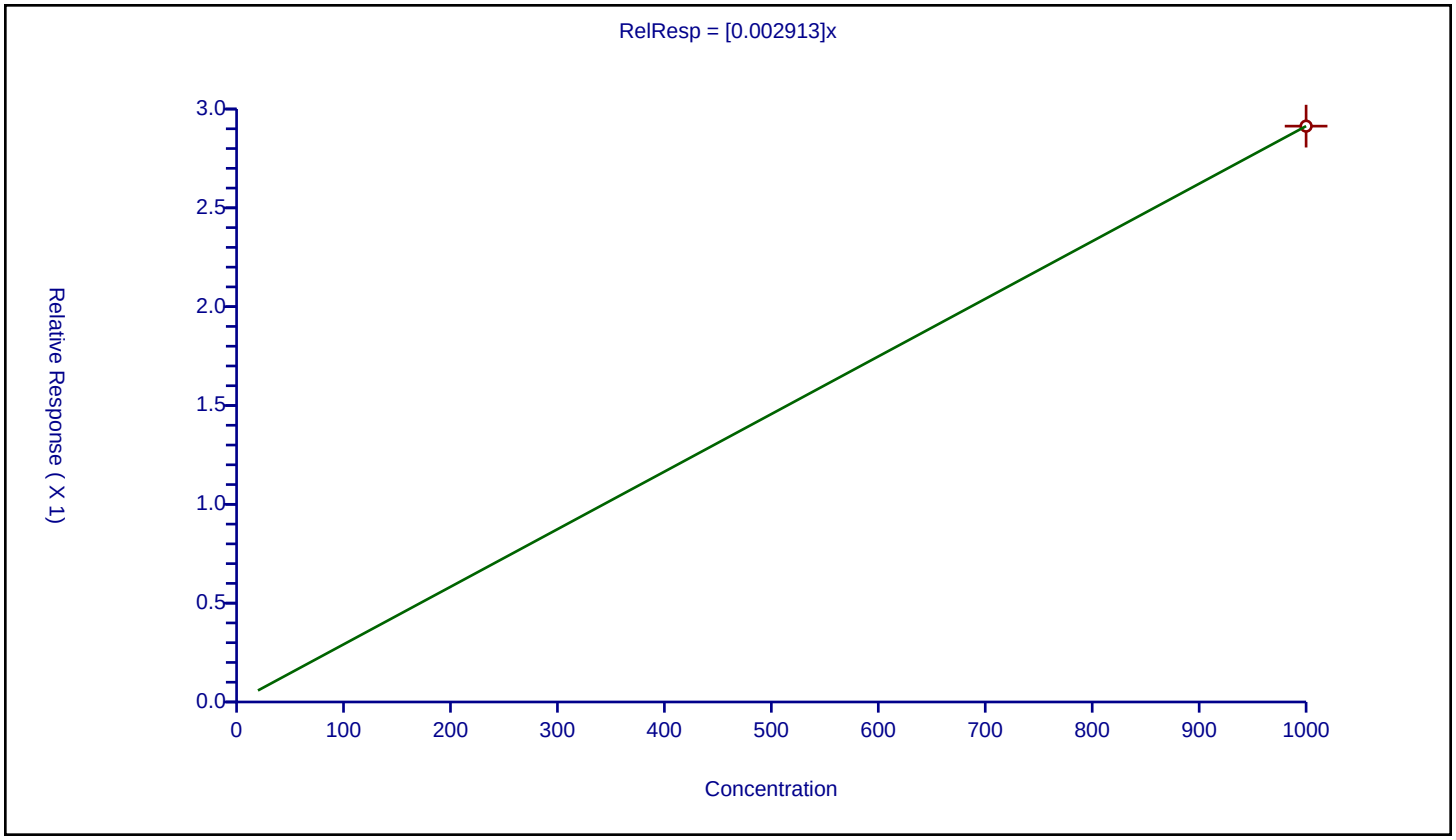
Curve Coefficients

Intercept:	0
Slope:	0.002913

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	2.913451	20.0	22428946.0	0.002913	Y



Calibration / PCB-1221 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

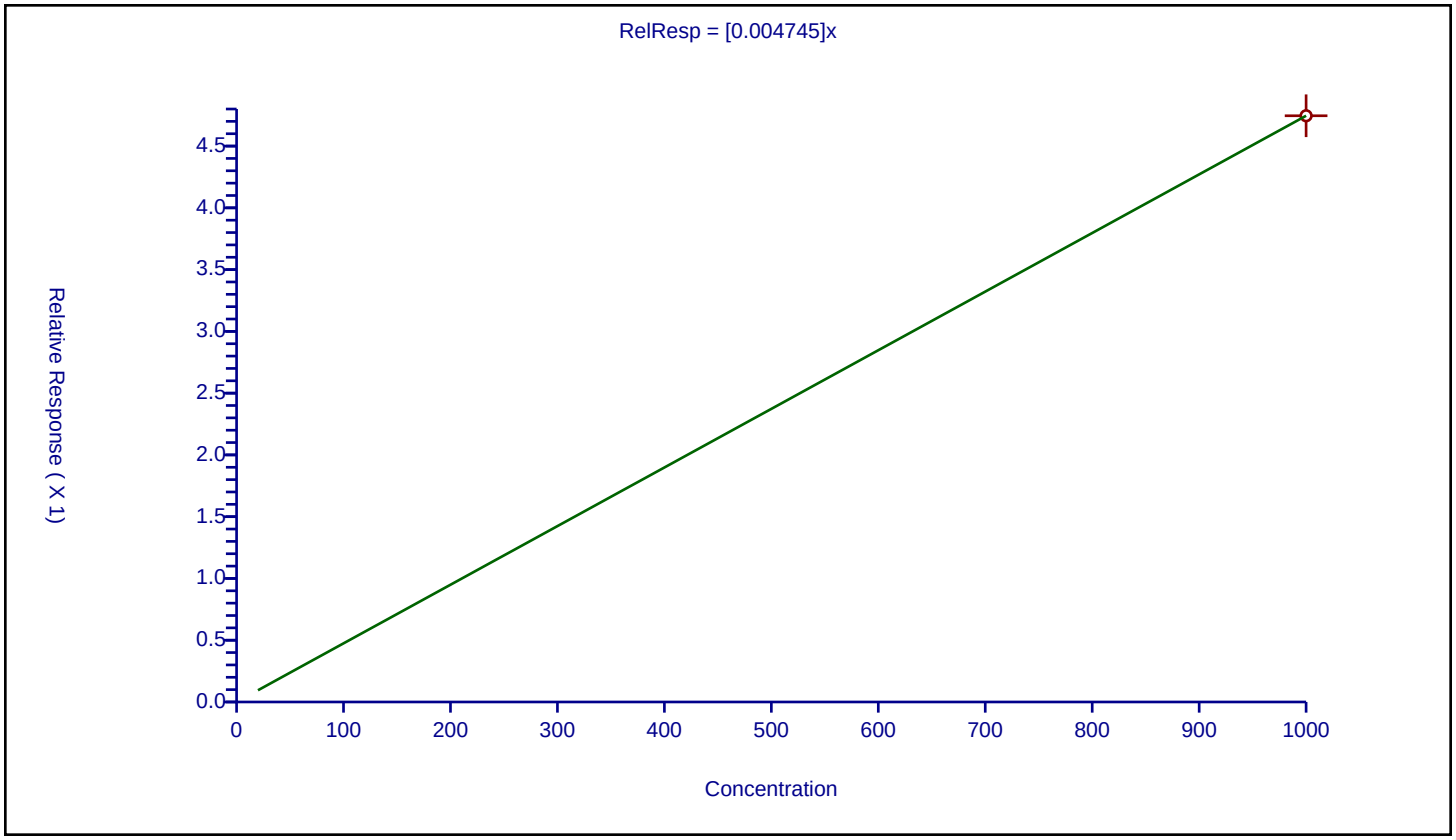
Curve Coefficients

Intercept:	0
Slope:	0.004745

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	4.745414	20.0	22428946.0	0.004745	Y



Calibration / PCB-1221 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

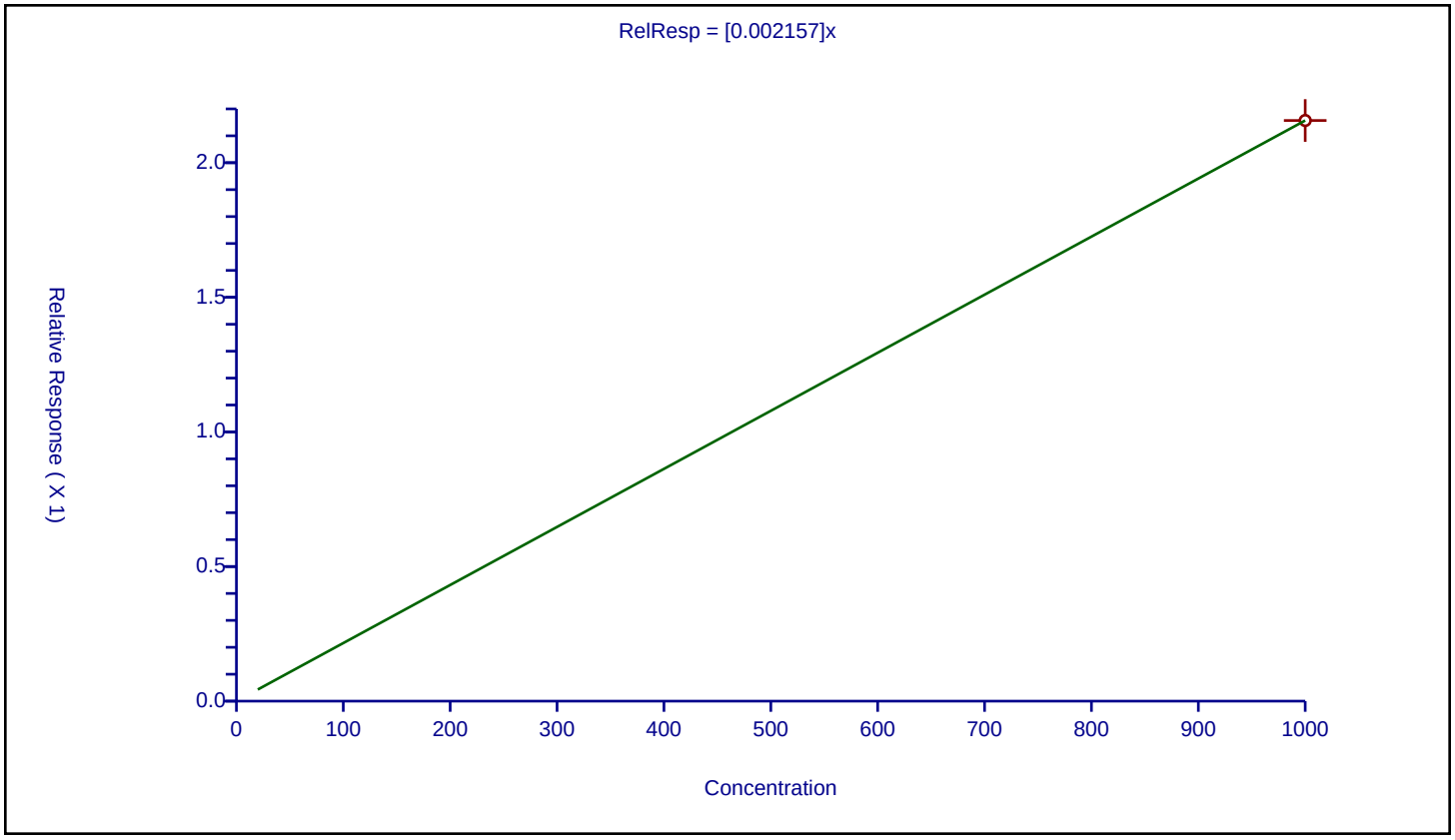
Curve Coefficients

Intercept:	0
Slope:	0.002157

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	2.156837	20.0	22428946.0	0.002157	Y



Calibration / PCB-1221 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

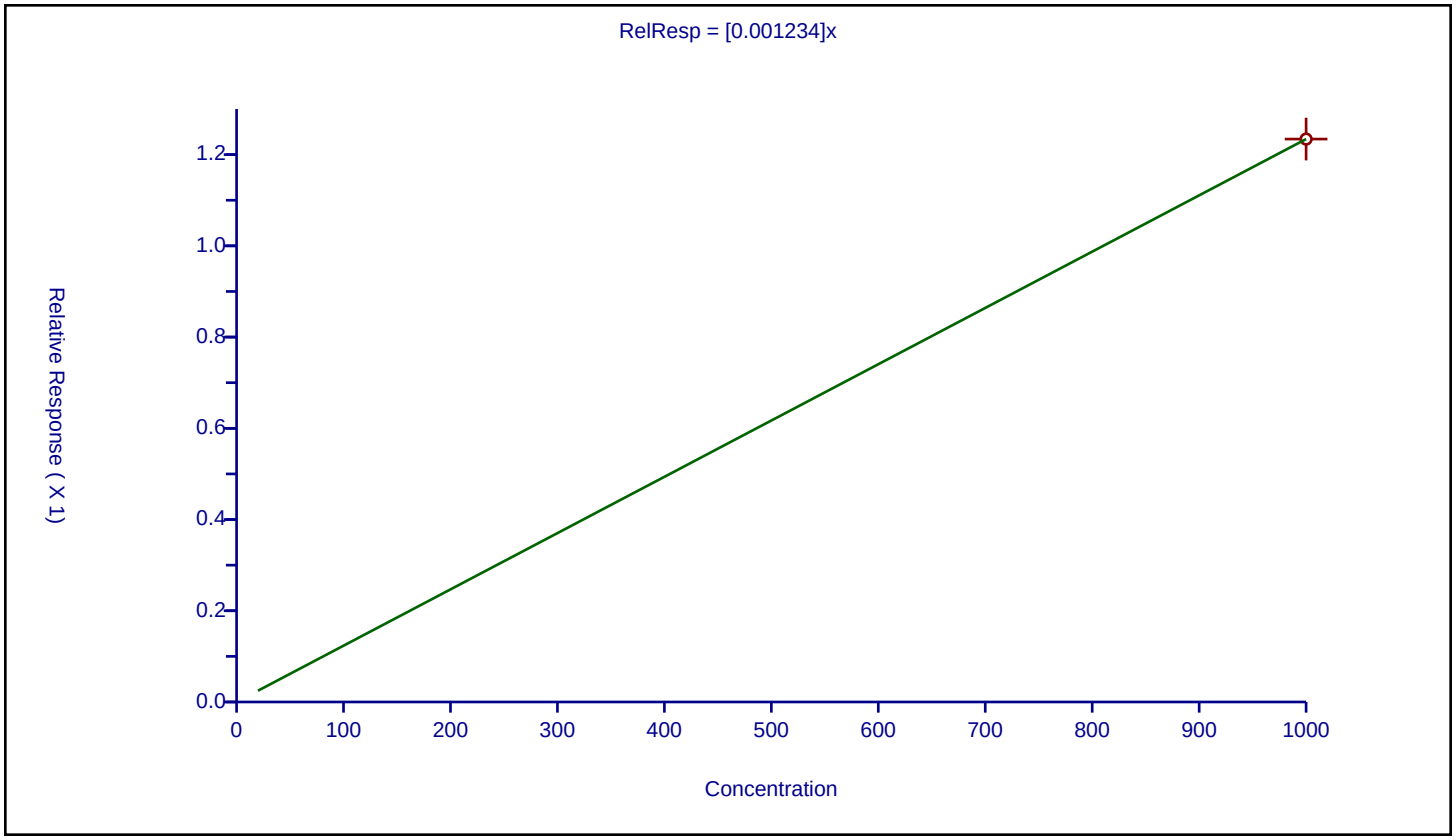
Curve Coefficients

Intercept:	0
Slope:	0.001234

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	1.234099	20.0	22428946.0	0.001234	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 12:18 Calibration End Date: 01/07/2021 12:18 Calibration ID: 83345

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/8	13F0008258.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0065					Ave		0.0065						20.0			
PCB-1221 Peak 2	0.0096					Ave		0.0096						20.0			
PCB-1221 Peak 3	0.0059					Ave		0.0059						20.0			
PCB-1221 Peak 4	0.0225					Ave		0.0225						20.0			
PCB-1221 Peak 5	0.0031					Ave		0.0031						20.0			
PCB-1221 Peak 6	0.0031					Ave		0.0031						20.0			
PCB-1221 Peak 7	0.0048					Ave		0.0048						20.0			
PCB-1221 Peak 8	0.0022					Ave		0.0022						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 12:18 Calibration End Date: 01/07/2021 12:18 Calibration ID: 83345

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/8	13F0008258.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	5406010					1000				
PCB-1221 Peak 2	BNB	Ave	7985920					1000				
PCB-1221 Peak 3	BNB	Ave	4917152					1000				
PCB-1221 Peak 4	BNB	Ave	18767682					1000				
PCB-1221 Peak 5	BNB	Ave	2627920					1000				
PCB-1221 Peak 6	BNB	Ave	2615791					1000				
PCB-1221 Peak 7	BNB	Ave	3987223					1000				
PCB-1221 Peak 8	BNB	Ave	1836417					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008258.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 12:18:40 ALS Bottle#: 12 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-008
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:10 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:53:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.694	1.694	0.000	22428946	20.0	20.0	
2	1.404	1.404	0.000	16704238	20.0	20.0	M
						RPD = 0.00	
1 PCB-1221							M
1	2.150	2.150	0.000	6667794	1000.0	1000.0	
1	3.036	3.036	0.000	10787907	1000.0	1000.0	M
1	3.209	3.209	0.000	6982351	1000.0	1000.0	M
1	3.283	3.283	0.000	25288903	1000.0	1000.0	M
1	3.857	3.857	0.000	3267282	1000.0	1000.0	M
1	4.361	4.361	0.000	5321732	1000.0	1000.0	M
1	4.531	4.531	0.000	2418779	1000.0	1000.0	M
1	4.657	4.657	0.000	1383977	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.590	1.590	0.000	5406010	1000.0	1000.0	M
2	2.240	2.240	0.000	7985920	1000.0	1000.0	M
2	2.390	2.390	0.000	4917152	1000.0	1000.0	M
2	2.432	2.432	0.000	18767682	1000.0	1000.0	M
2	2.813	2.813	0.000	2627920	1000.0	1000.0	M
2	2.945	2.945	0.000	2615791	1000.0	1000.0	M
2	3.323	3.323	0.000	3987223	1000.0	1000.0	M
2	3.473	3.473	0.000	1836417	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1221L4_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:11 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008258.D

Injection Date: 07-Jan-2021 12:18:40 Instrument ID: CPESTGC13 Operator ID:

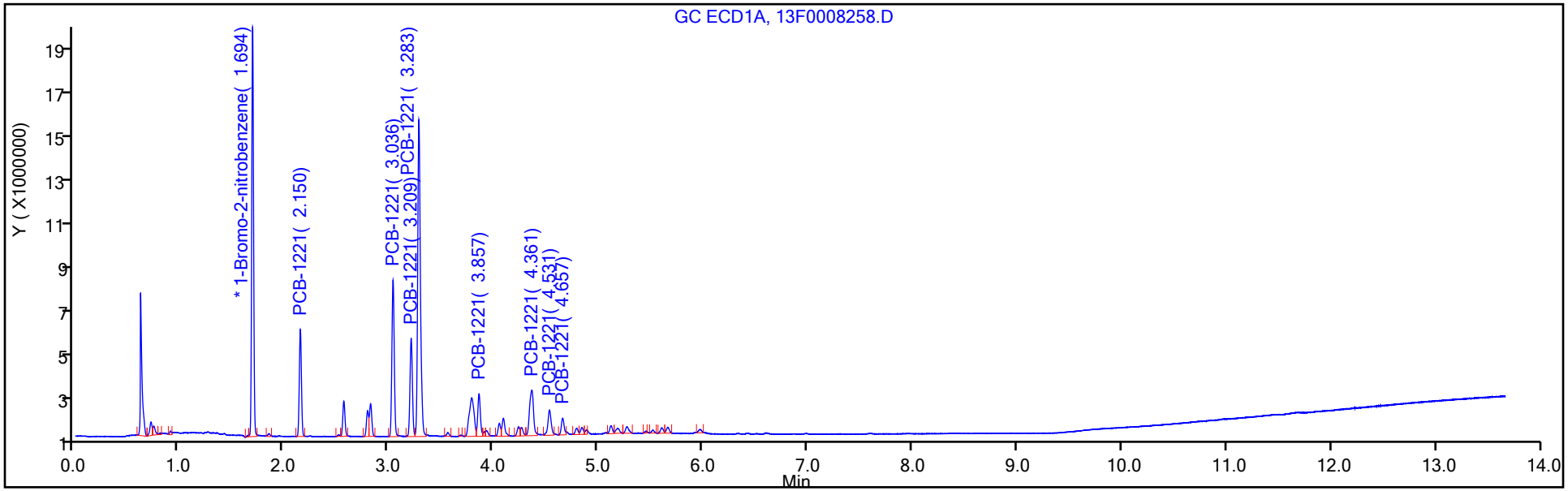
Lims ID: IC 1221 Worklist Smp#: 8

Client ID:

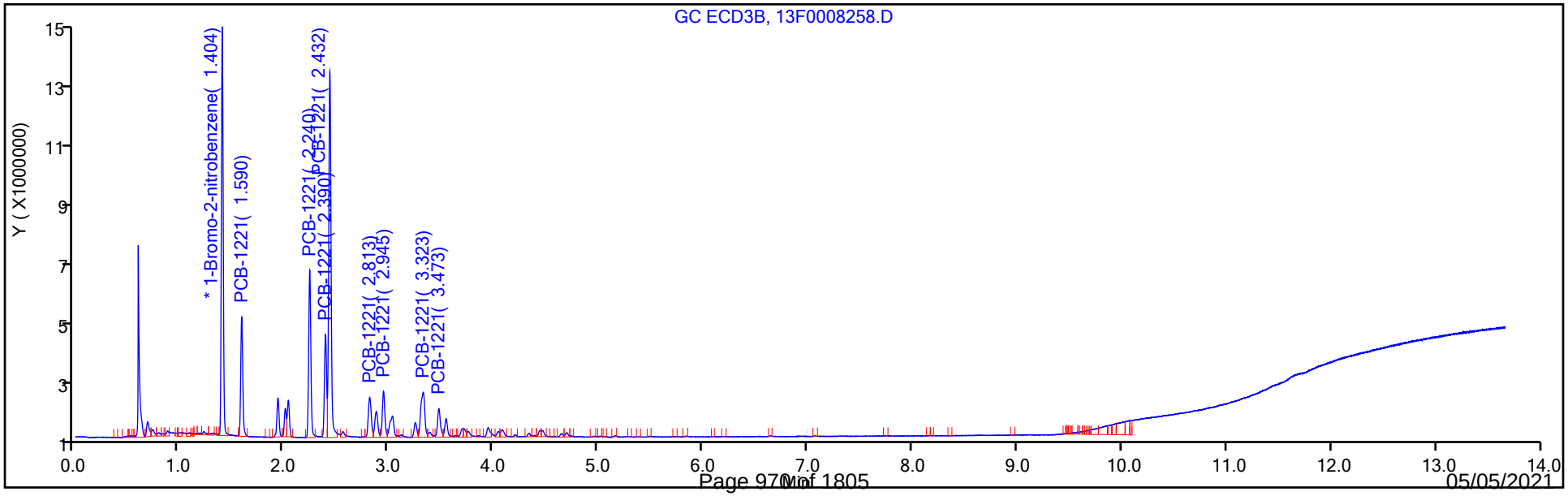
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 12

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

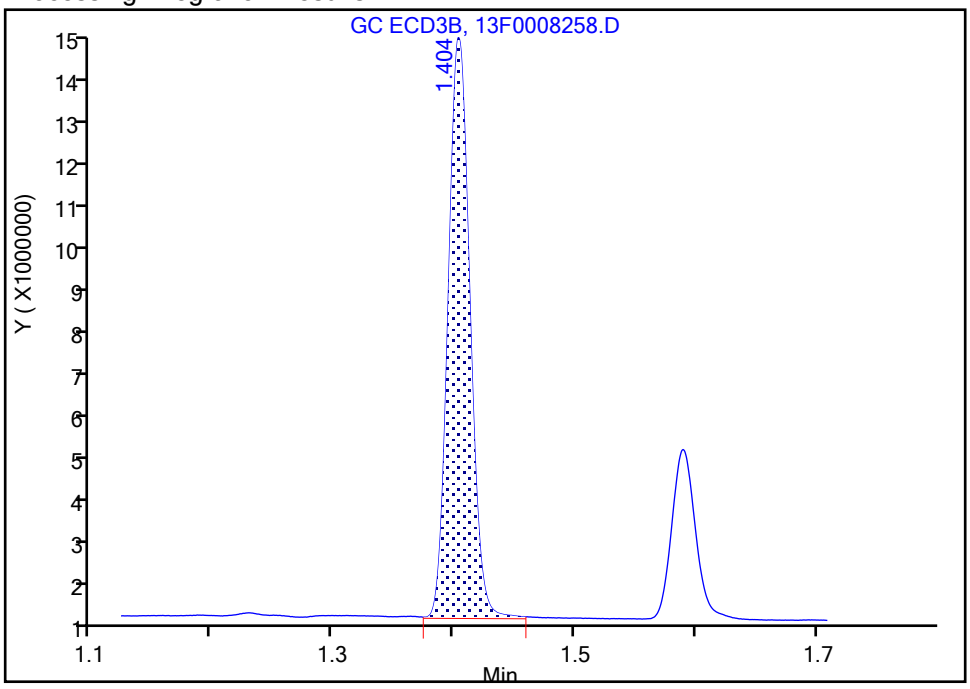
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008258.D				
Injection Date:	07-Jan-2021 12:18:40	Instrument ID:	CPESTGC13		
Lims ID:	IC 1221				
Client ID:					
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

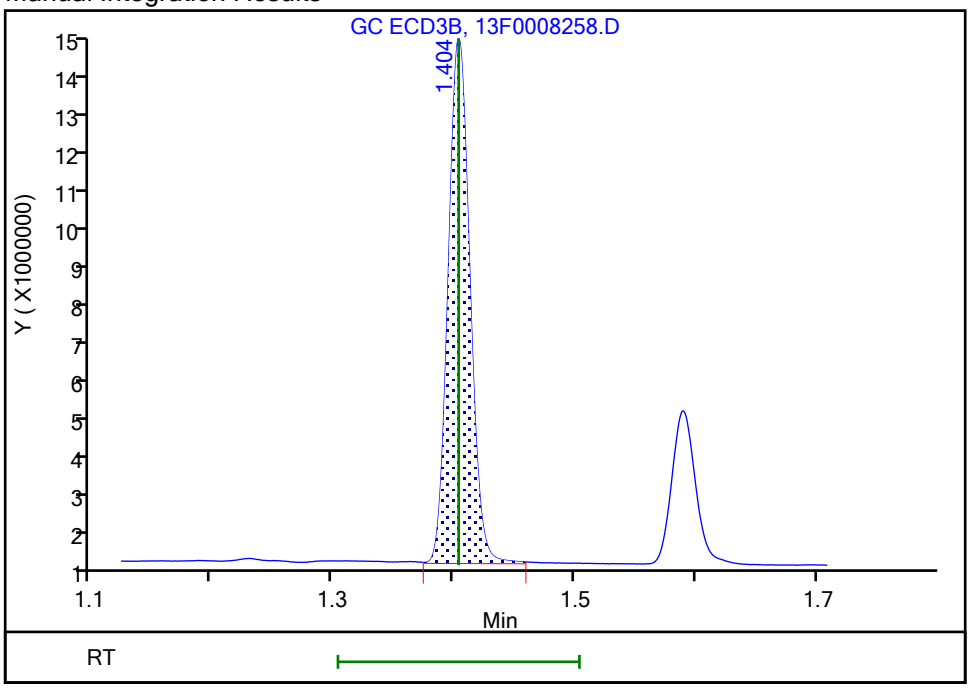
Processing Integration Results

RT: 1.40
Area: 16866127
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.40
Area: 16704238
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 07-Jan-2021 14:56:29
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Report Date: 07-Jan-2021 15:00:12 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008258.D

Injection Date: 07-Jan-2021 12:18:40 Instrument ID: CPESTGC13

Lims ID: IC 1221

Client ID:

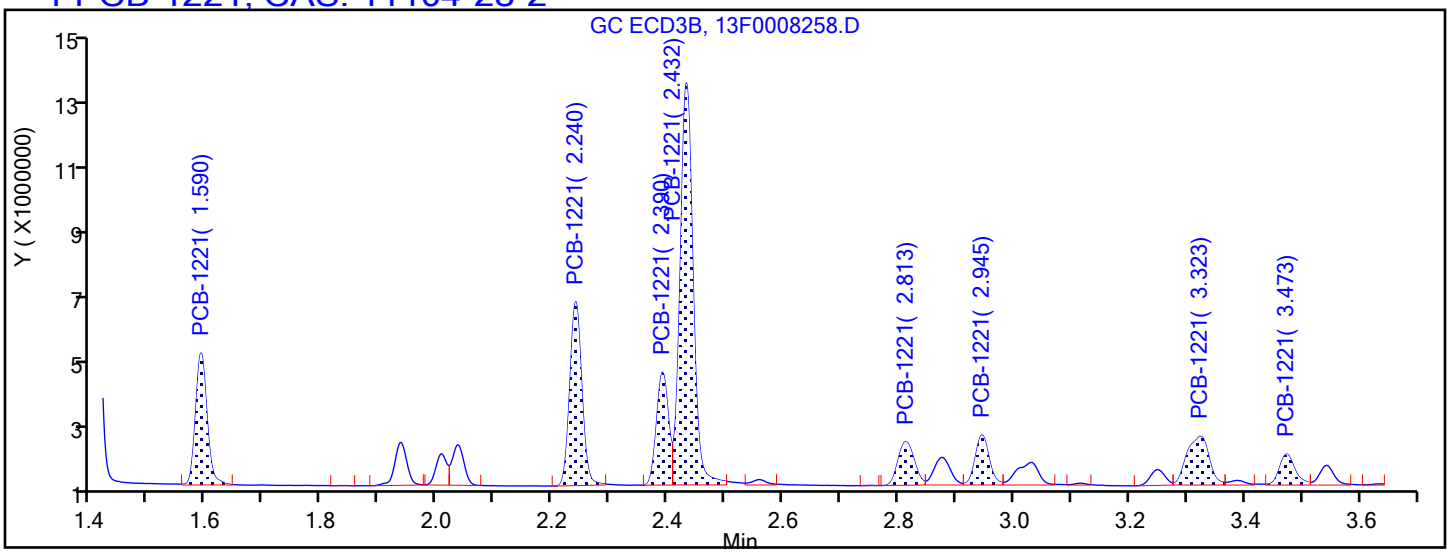
Operator ID: ALS Bottle#: 12 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

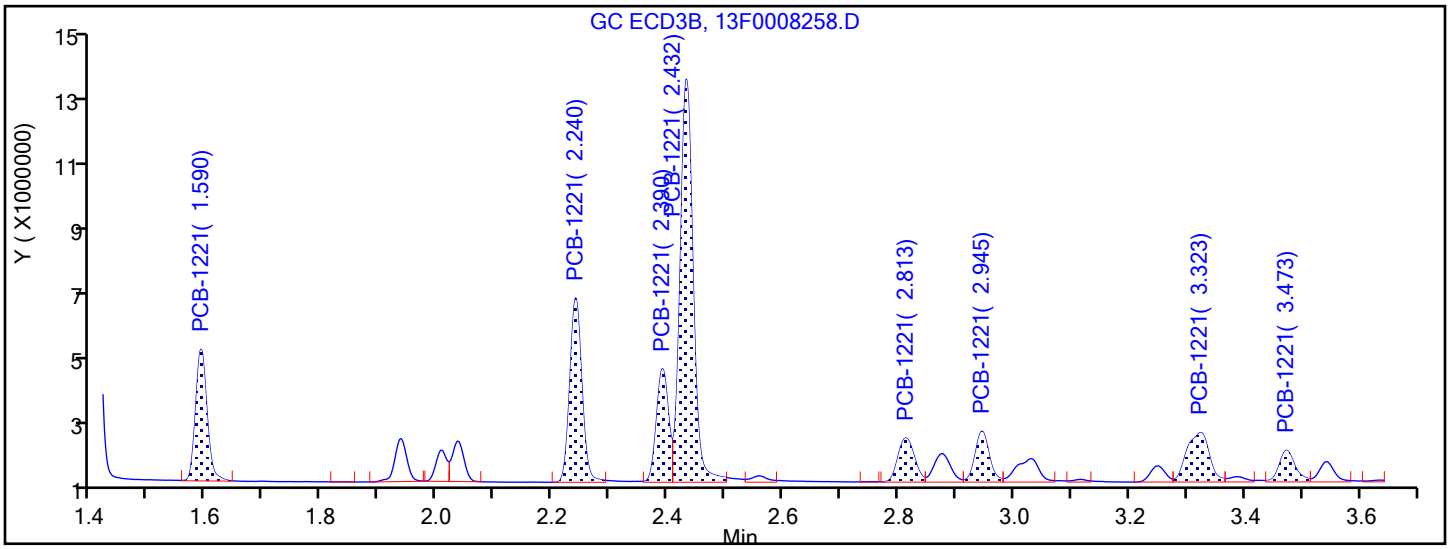
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

1 PCB-1221, CAS: 11104-28-2



Processing Integration Results

1.590	Response = 5450476
2.240	Response = 7905044
2.390	Response = 4834200
2.432	Response = 18597798
2.813	Response = 2546065
2.945	Response = 2513419
3.323	Response = 3873680
3.473	Response = 1751671



Manual Integration Results

1.590	Response = 5406010	M
2.240	Response = 7985920	M
2.390	Response = 4917152	M
2.432	Response = 18767682	M
2.813	Response = 2627920	M
2.945	Response = 2615791	M

Calibration / PCB-1221 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

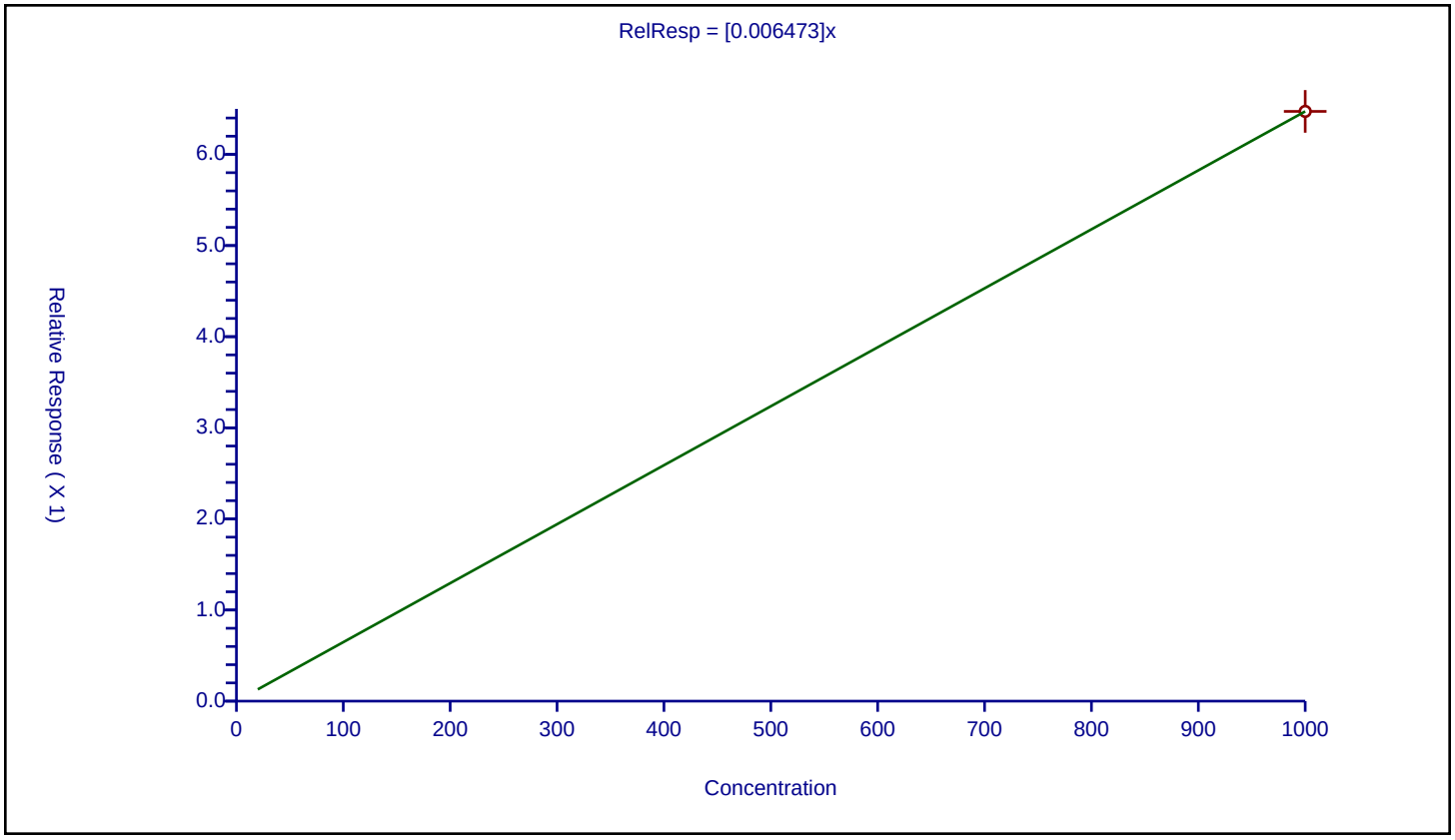
Curve Coefficients

Intercept:	0
Slope:	0.006473

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	6.472621	20.0	16704238.0	0.006473	Y



Calibration / PCB-1221 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

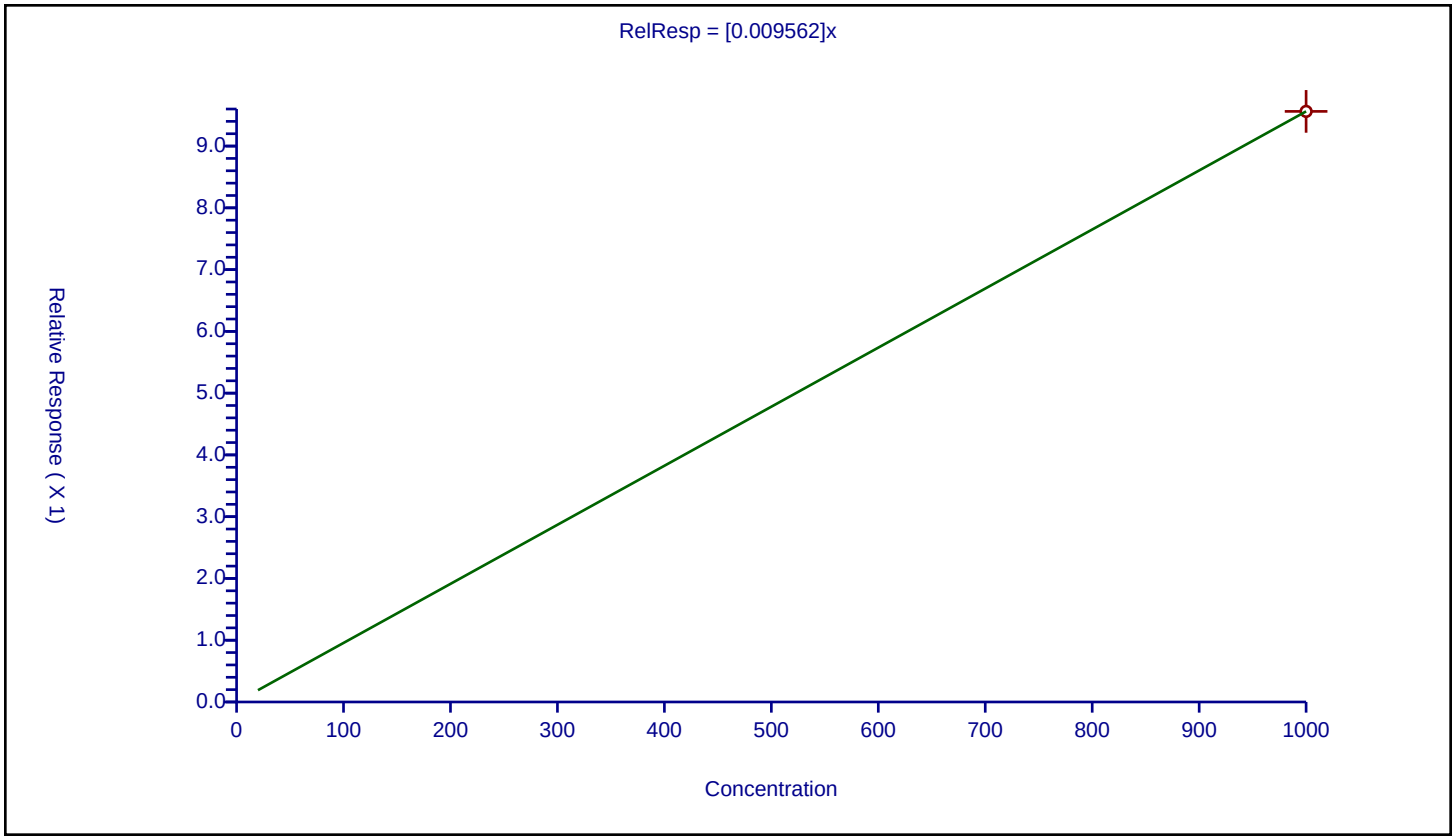
Curve Coefficients

Intercept:	0
Slope:	0.009562

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	9.56155	20.0	16704238.0	0.009562	Y



Calibration / PCB-1221 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

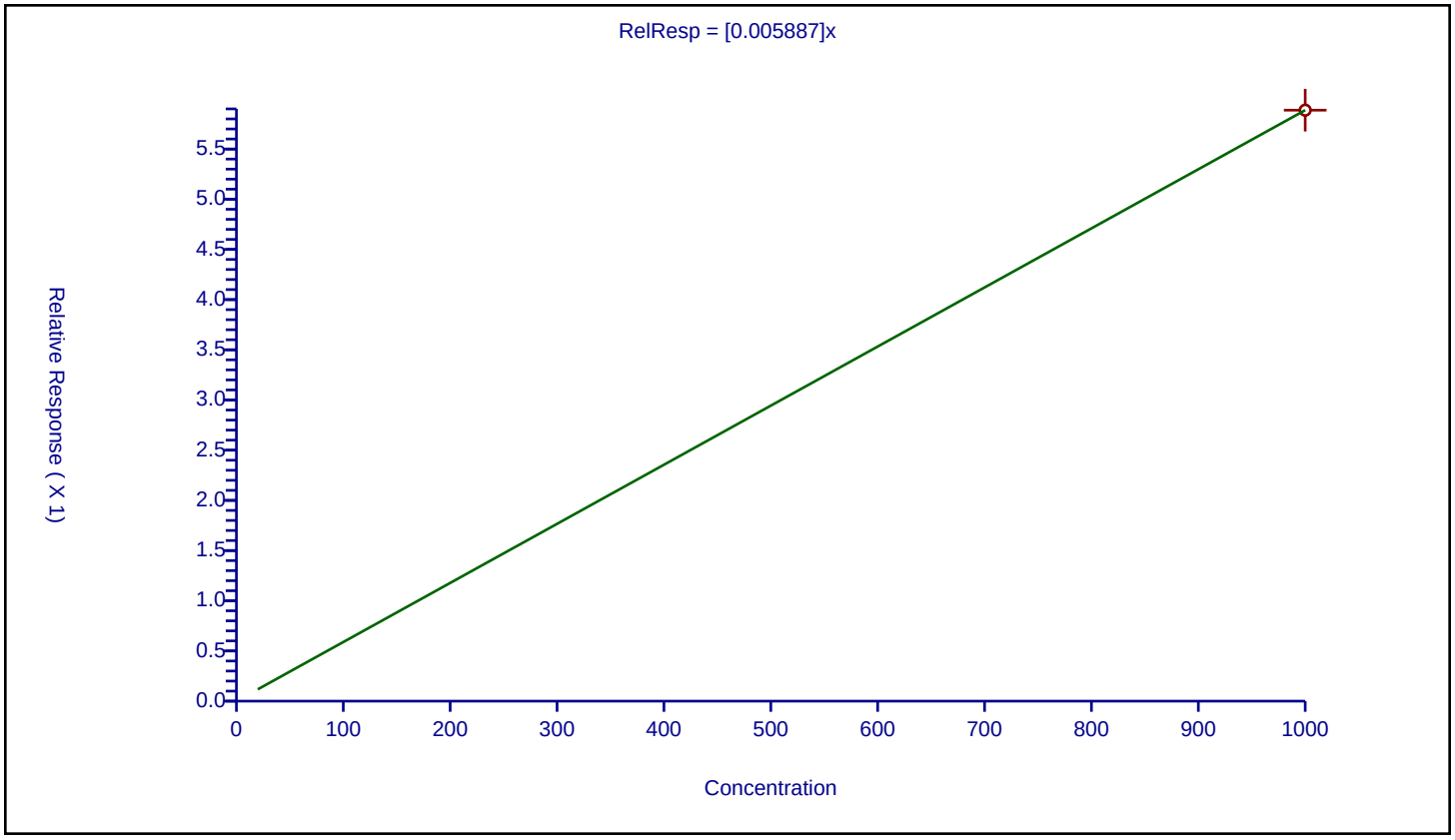
Curve Coefficients

Intercept:	0
Slope:	0.005887

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	5.887311	20.0	16704238.0	0.005887	Y



Calibration / PCB-1221 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

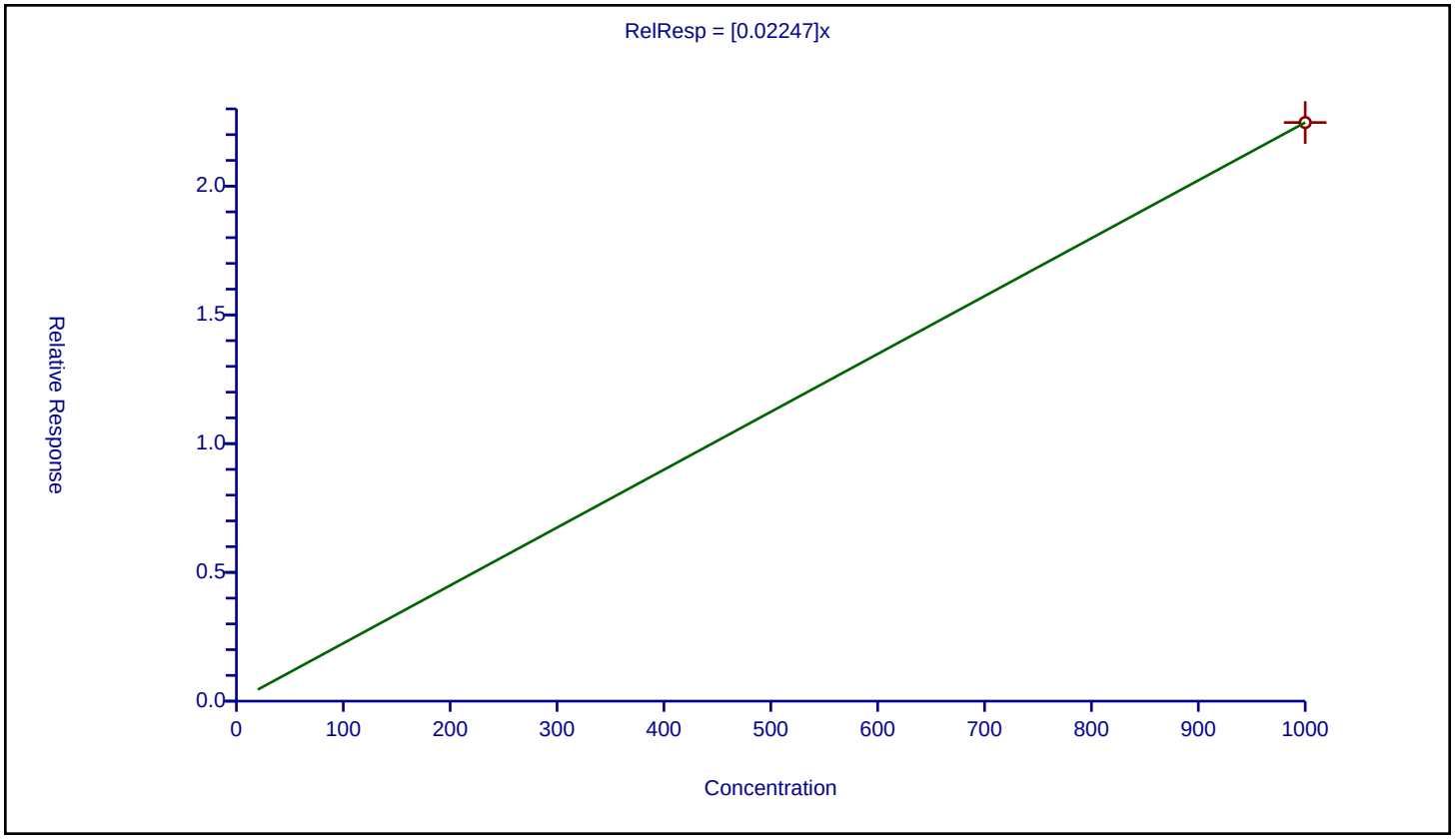
Curve Coefficients

Intercept:	0
Slope:	0.02247

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	22.470563	20.0	16704238.0	0.022471	Y



Calibration / PCB-1221 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

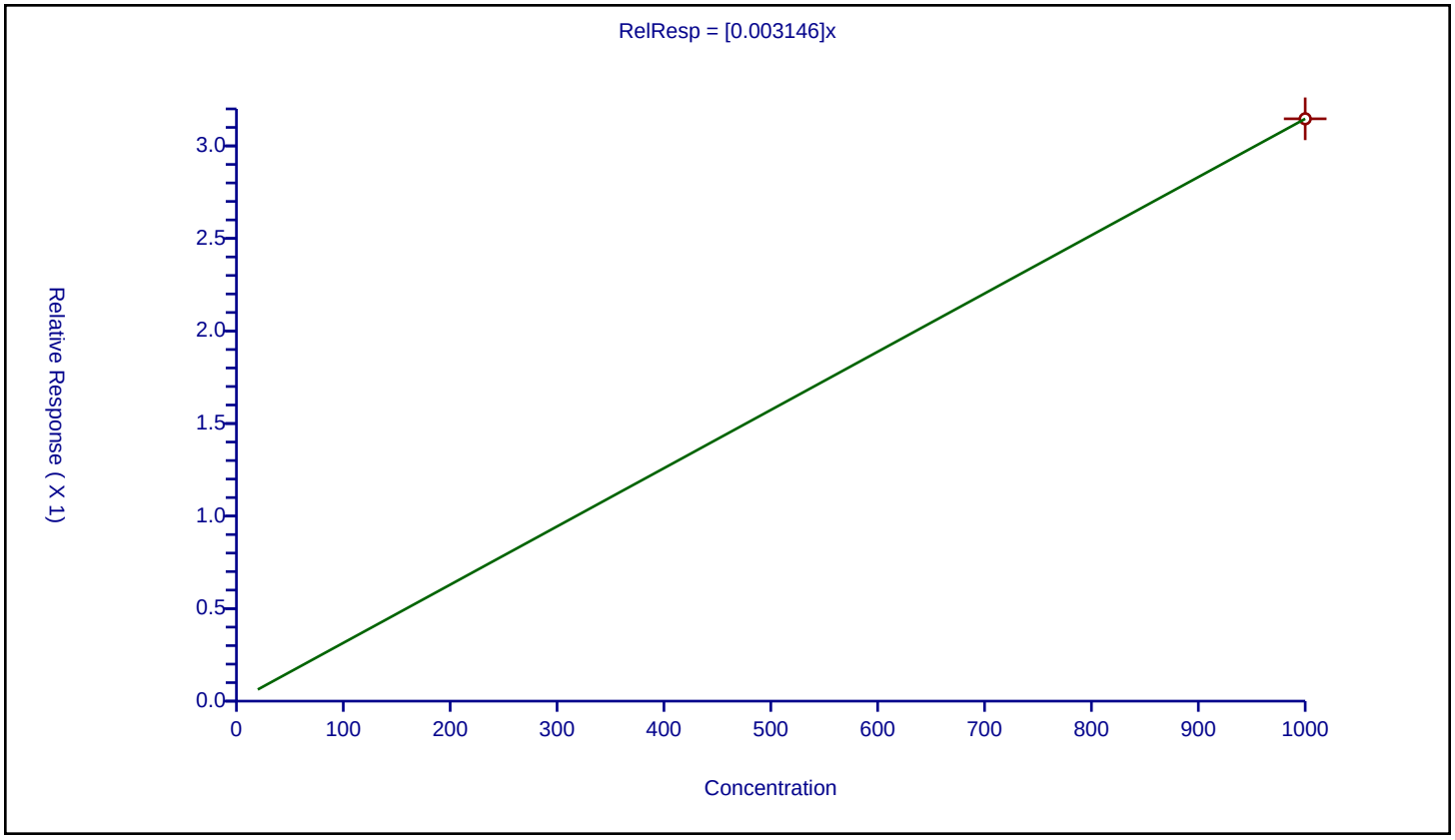
Curve Coefficients

Intercept:	0
Slope:	0.003146

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	3.146411	20.0	16704238.0	0.003146	Y



Calibration / PCB-1221 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

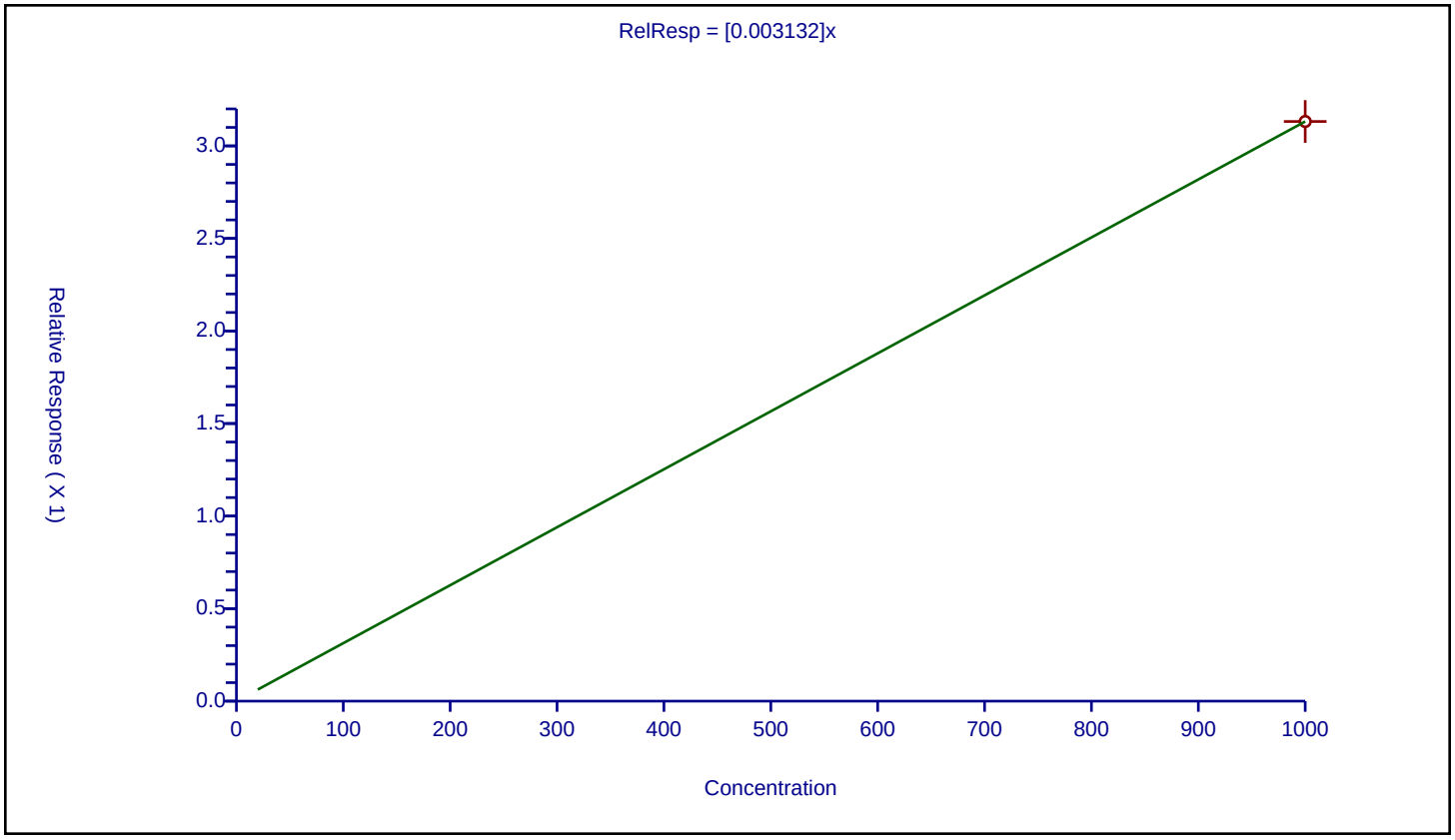
Curve Coefficients

Intercept:	0
Slope:	0.003132

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	3.131889	20.0	16704238.0	0.003132	Y



Calibration / PCB-1221 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

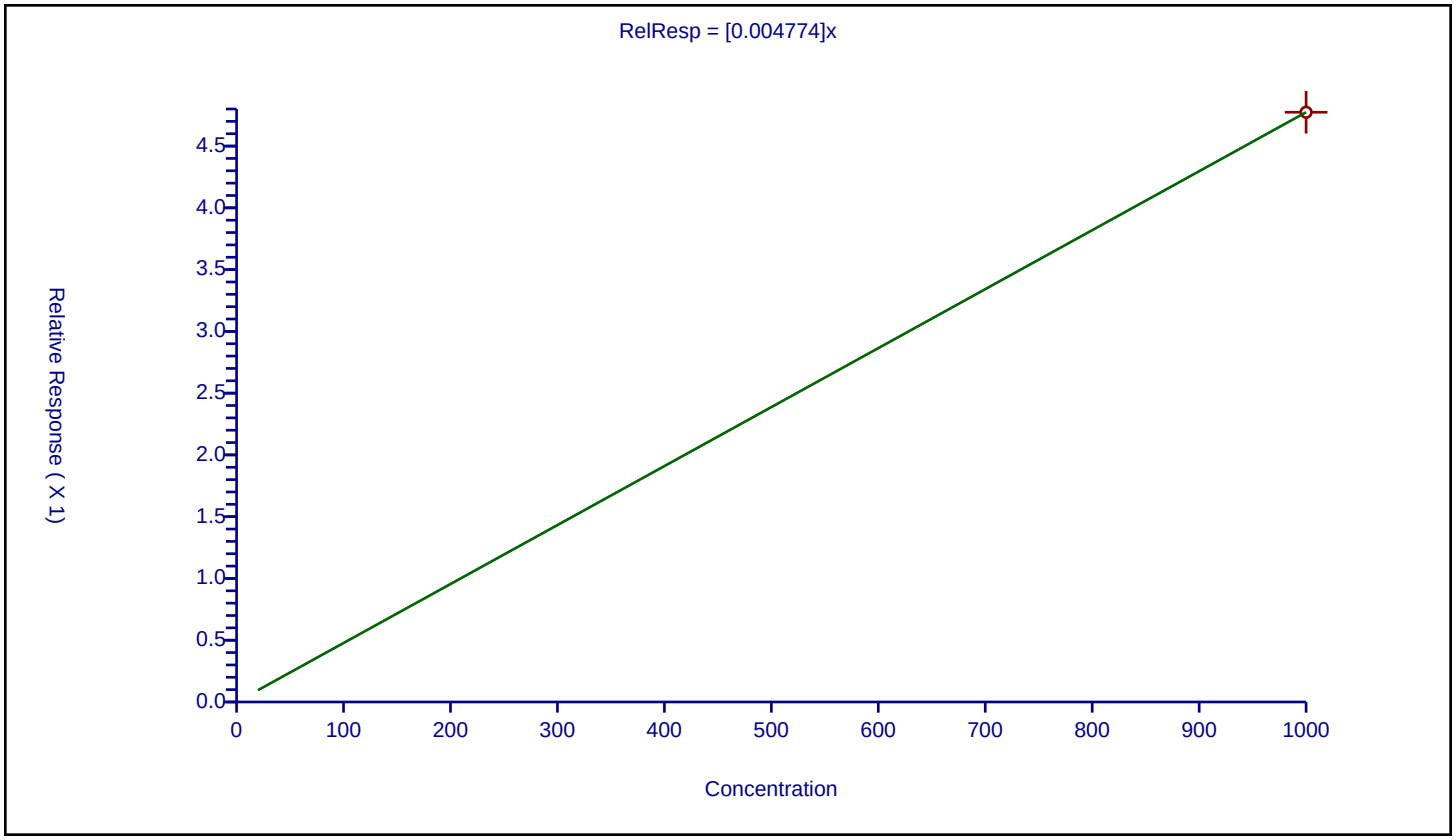
Curve Coefficients

Intercept:	0
Slope:	0.004774

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	4.773906	20.0	16704238.0	0.004774	Y



Calibration / PCB-1221 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

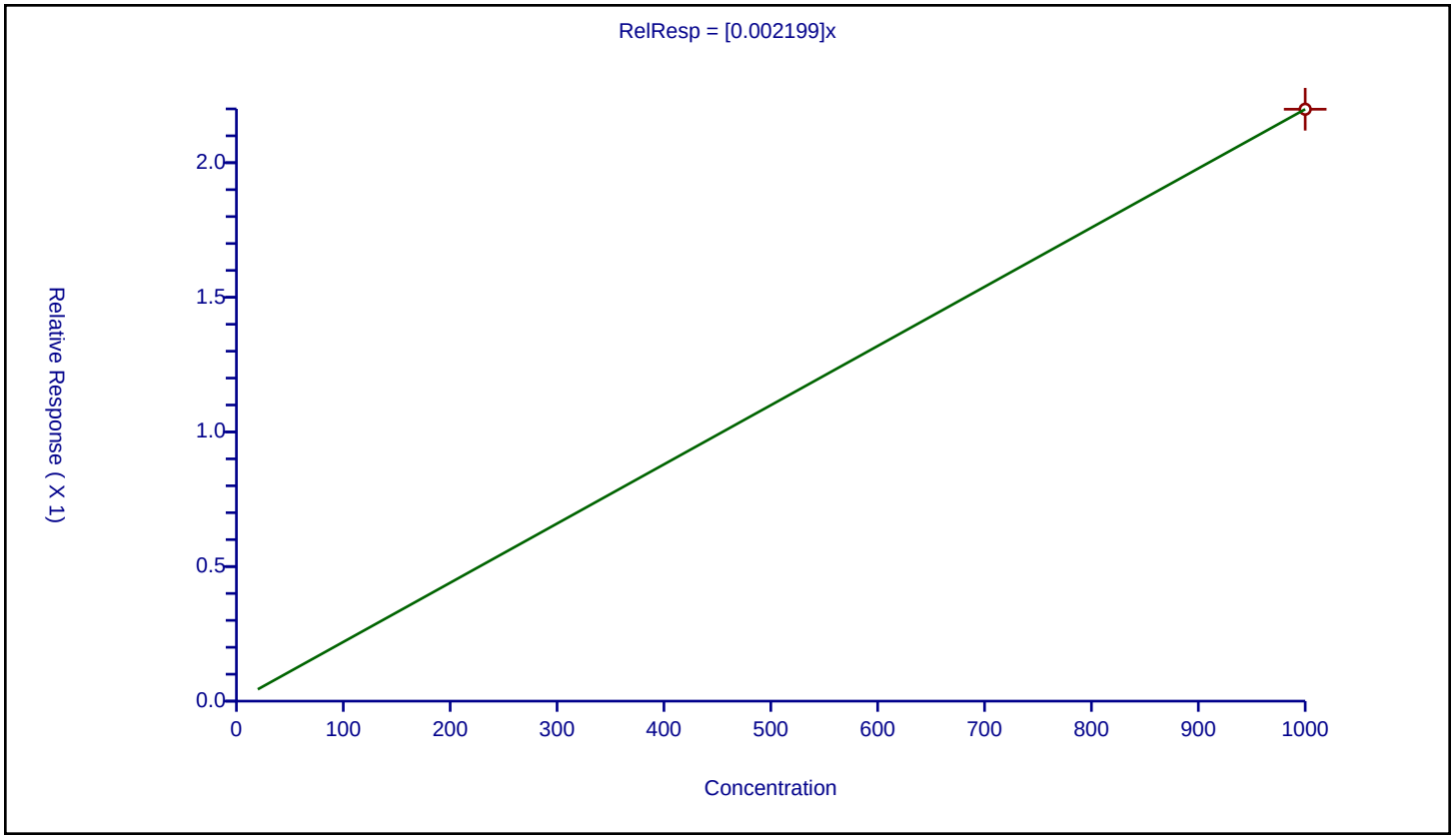
Curve Coefficients

Intercept:	0
Slope:	0.002199

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/8	1000.0	2.198744	20.0	16704238.0	0.002199	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 12:34 Calibration End Date: 01/07/2021 12:34 Calibration ID: 83350

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/9	13F0008259.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0173					Ave		0.0173						20.0			
PCB-1232 Peak 2	0.0146					Ave		0.0146						20.0			
PCB-1232 Peak 3	0.0266					Ave		0.0266						20.0			
PCB-1232 Peak 4	0.0108					Ave		0.0108						20.0			
PCB-1232 Peak 5	0.0067					Ave		0.0067						20.0			
PCB-1232 Peak 6	0.0088					Ave		0.0088						20.0			
PCB-1232 Peak 7	0.0073					Ave		0.0073						20.0			
PCB-1232 Peak 8	0.0088					Ave		0.0088						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 12:34 Calibration End Date: 01/07/2021 12:34 Calibration ID: 83350

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/9	13F0008259.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	19758462					1000				
PCB-1232 Peak 2	BNB	Ave	16647513					1000				
PCB-1232 Peak 3	BNB	Ave	30337123					1000				
PCB-1232 Peak 4	BNB	Ave	12326028					1000				
PCB-1232 Peak 5	BNB	Ave	7655137					1000				
PCB-1232 Peak 6	BNB	Ave	9995515					1000				
PCB-1232 Peak 7	BNB	Ave	8309613					1000				
PCB-1232 Peak 8	BNB	Ave	10098324					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008259.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 12:34:32 ALS Bottle#: 13 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-009
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub3

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:15 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:55:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.694	1.694	0.000	22835556	20.0	20.0	
2	1.404	1.404	0.000	17285921	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	3.283	3.283	0.000	19758462	1000.0	1000.0	
1	3.792	3.792	0.000	16647513	1000.0	1000.0	
1	4.361	4.361	0.000	30337123	1000.0	1000.0	M
1	4.530	4.530	0.000	12326028	1000.0	1000.0	M
1	4.658	4.658	0.000	7655137	1000.0	1000.0	M
1	5.270	5.270	0.000	9995515	1000.0	1000.0	M
1	5.606	5.606	0.000	8309613	1000.0	1000.0	M
1	5.662	5.662	0.000	10098324	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.433	2.433	0.000	14903325	1000.0	1000.0	M
2	2.812	2.812	0.000	11642623	1000.0	1000.0	M
2	3.030	3.030	0.000	7991108	1000.0	1000.0	M
2	3.325	3.325	0.000	23248581	1000.0	1000.0	M
2	3.474	3.474	0.000	9826375	1000.0	1000.0	M
2	3.542	3.542	0.000	6360738	1000.0	1000.0	M
2	3.946	3.946	0.000	9119402	1000.0	1000.0	M
2	4.465	4.465	0.000	13064975	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1232L4_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:16 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008259.D

Injection Date: 07-Jan-2021 12:34:32 Instrument ID: CPESTGC13 Operator ID:

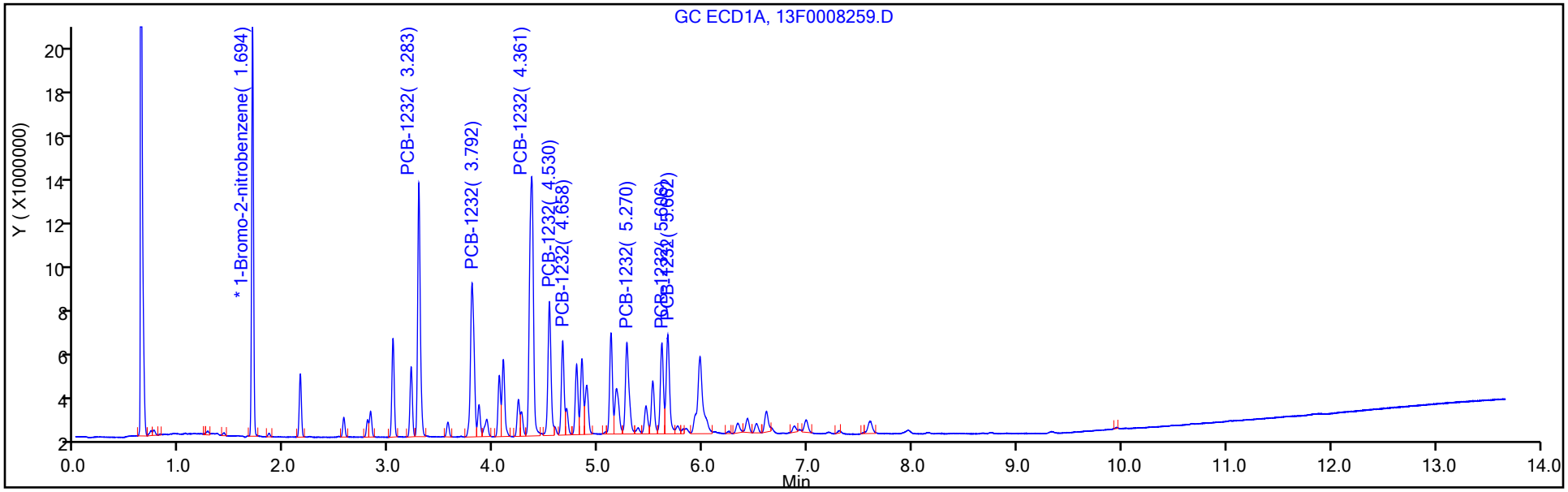
Lims ID: IC 1232 Worklist Smp#: 9

Client ID:

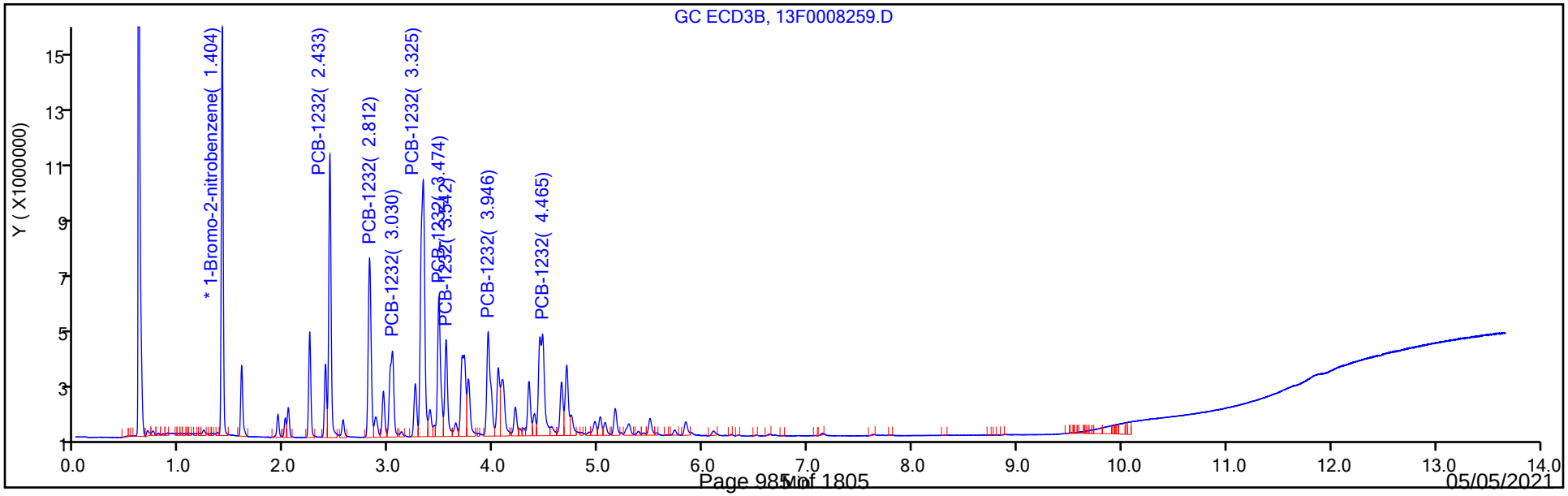
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 13

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 15:00:16 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008259.D

Injection Date: 07-Jan-2021 12:34:32 Instrument ID: CPESTGC13

Lims ID: IC 1232

Client ID:

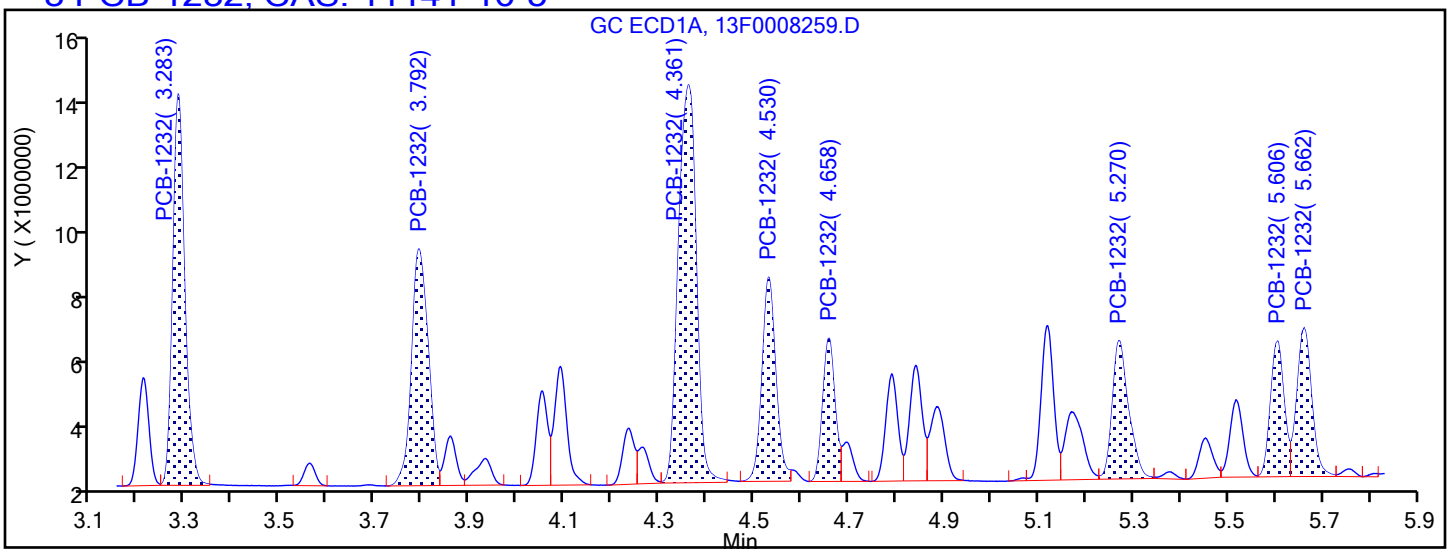
Operator ID: ALS Bottle#: 13 Worklist Smp#: 9

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

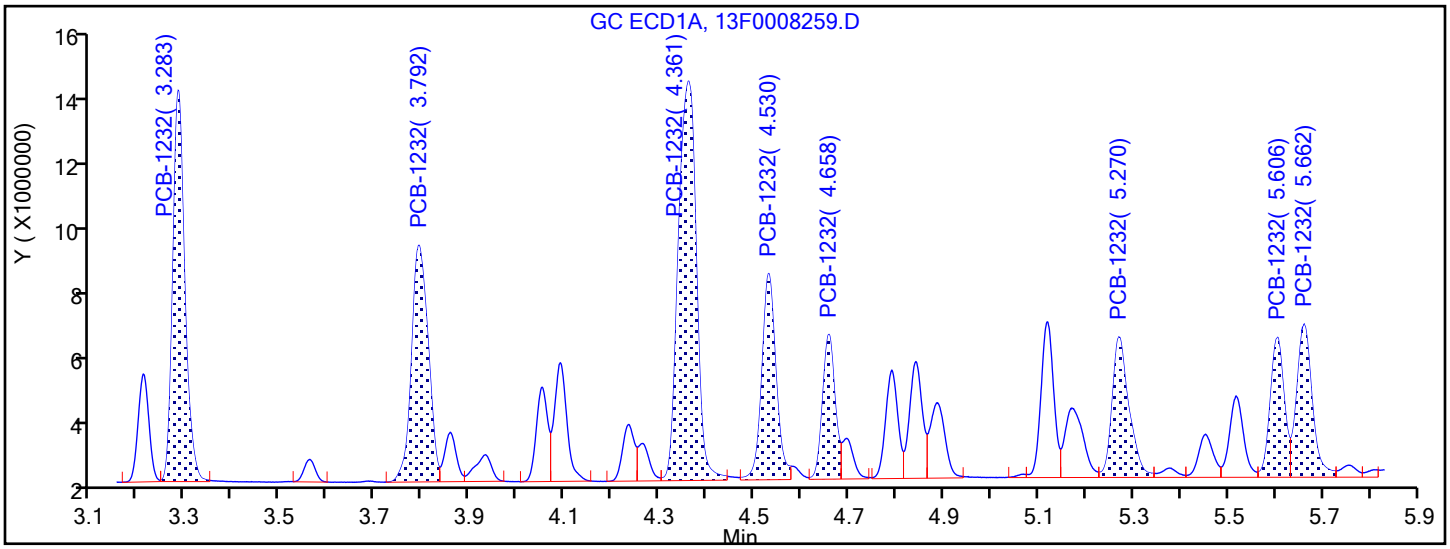
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

3 PCB-1232, CAS: 11141-16-5



Processing Integration Results

3.283	Response = 19758462
3.792	Response = 16647513
4.361	Response = 29966947
4.530	Response = 11920166
4.658	Response = 7480949
5.270	Response = 9522378
5.606	Response = 7801837
5.662	Response = 9353892



Manual Integration Results

3.283	Response = 19758462	
3.792	Response = 16647513	
4.361	Response = 30337123	M
4.530	Response = 12326028	M
4.658	Response = 7655137	M
5.270	Response = 9995515	M

Calibration / PCB-1232 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

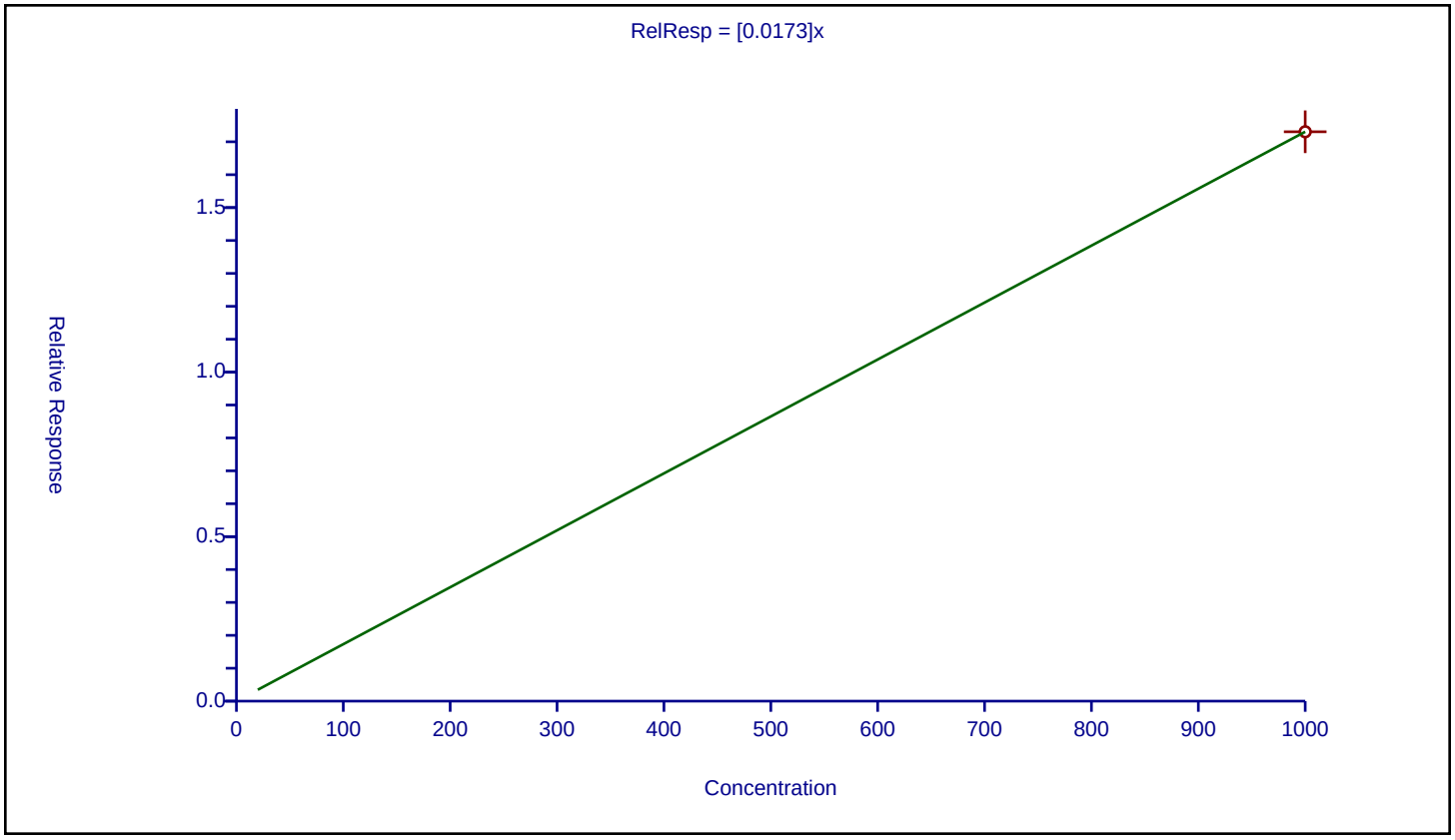
Curve Coefficients

Intercept:	0
Slope:	0.0173

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	17.304998	20.0	22835556.0	0.017305	Y



Calibration / PCB-1232 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

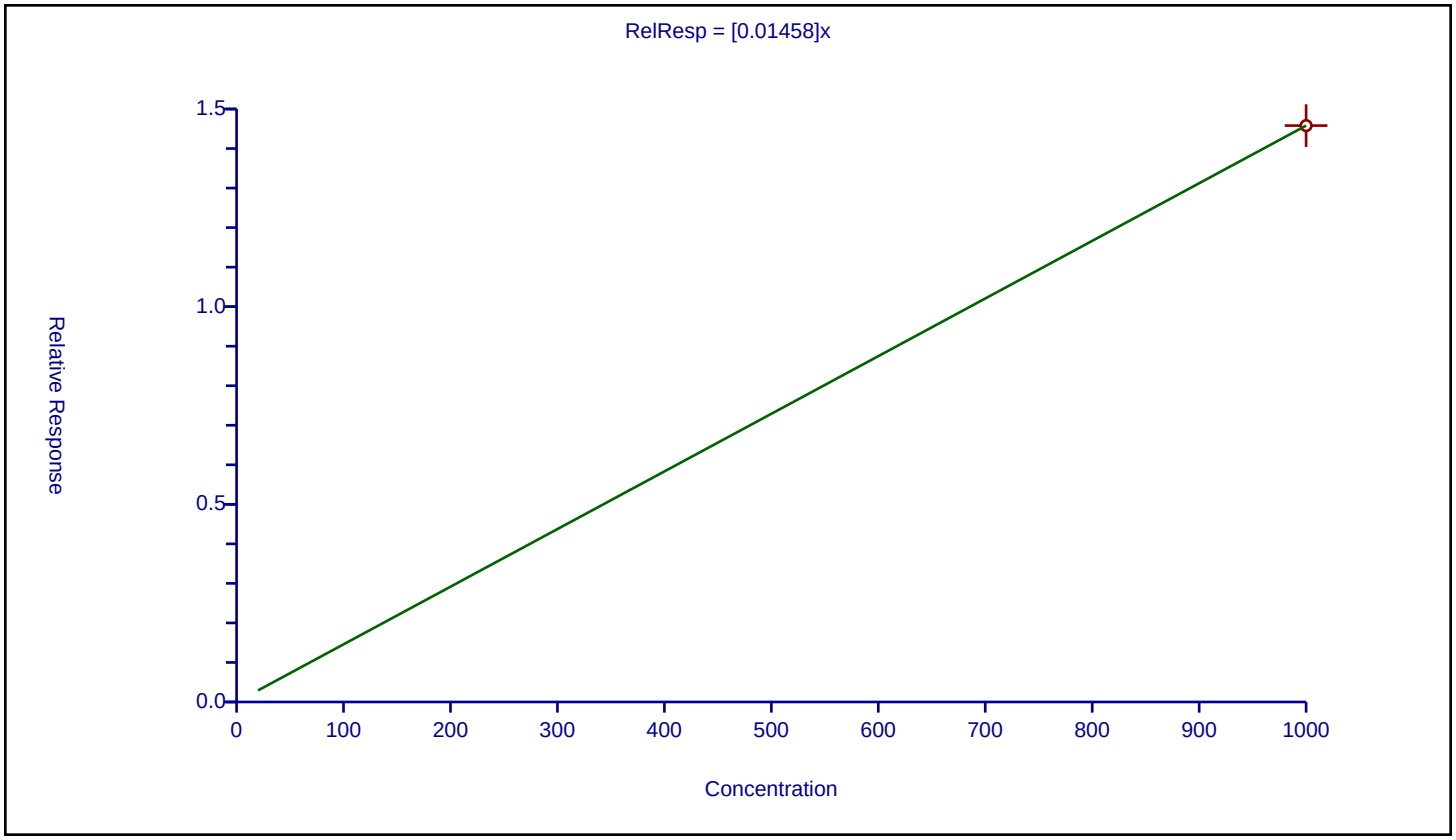
Curve Coefficients

Intercept:	0
Slope:	0.01458

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	14.580344	20.0	22835556.0	0.01458	Y



Calibration / PCB-1232 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

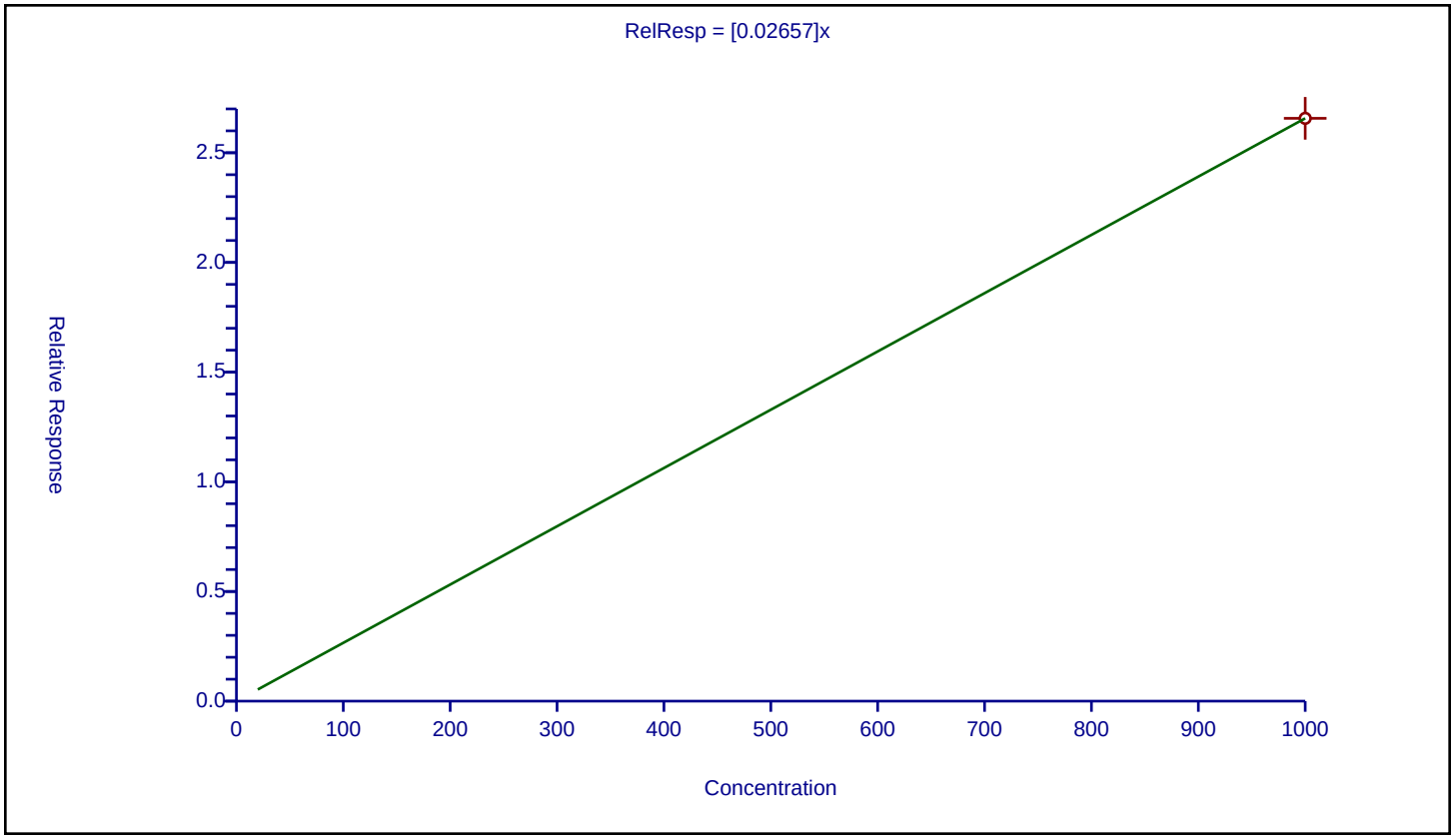
Curve Coefficients

Intercept:	0
Slope:	0.02657

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	26.570076	20.0	22835556.0	0.02657	Y



Calibration / PCB-1232 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

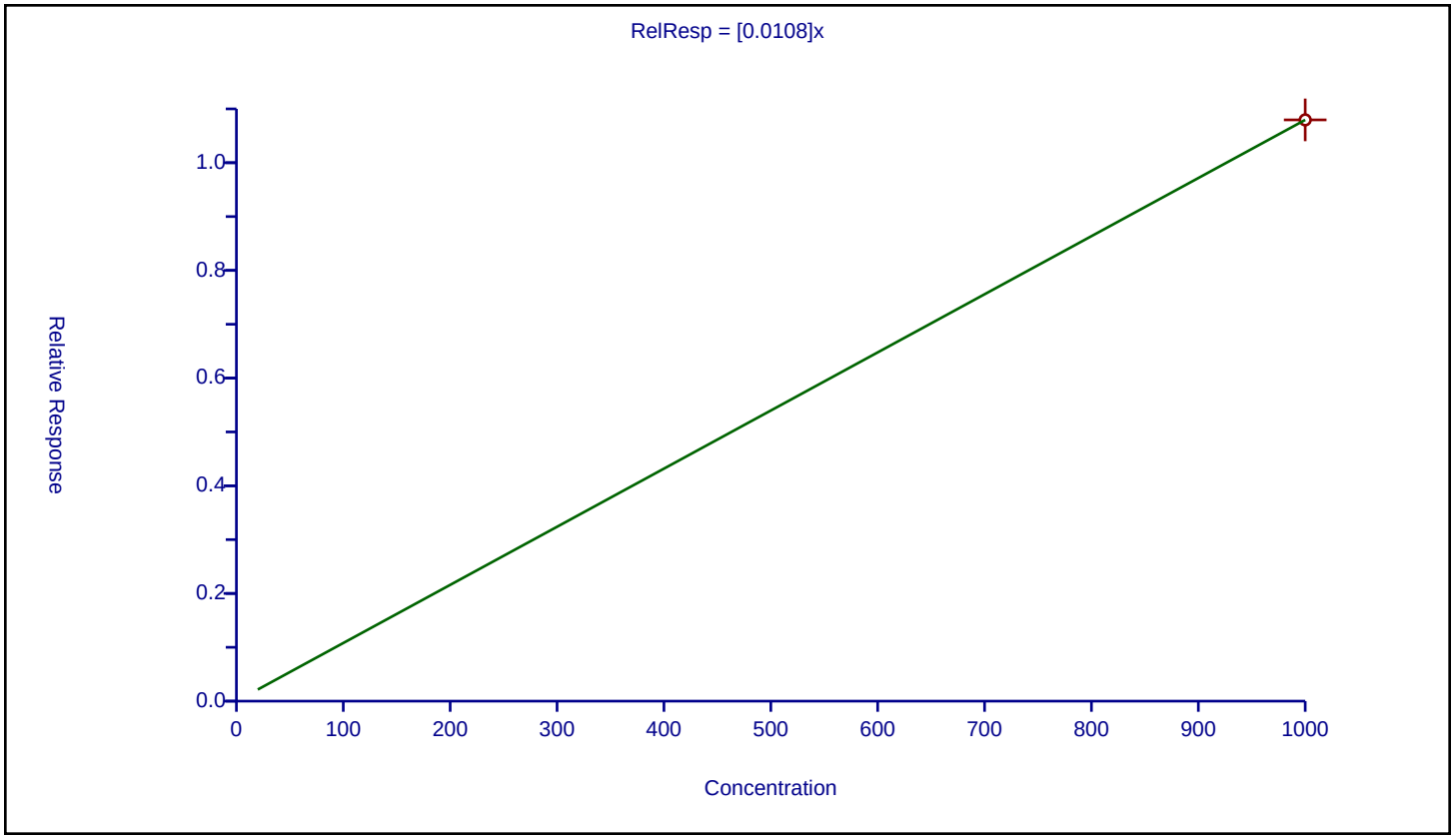
Curve Coefficients

Intercept:	0
Slope:	0.0108

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	10.79547	20.0	22835556.0	0.010795	Y



Calibration / PCB-1232 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

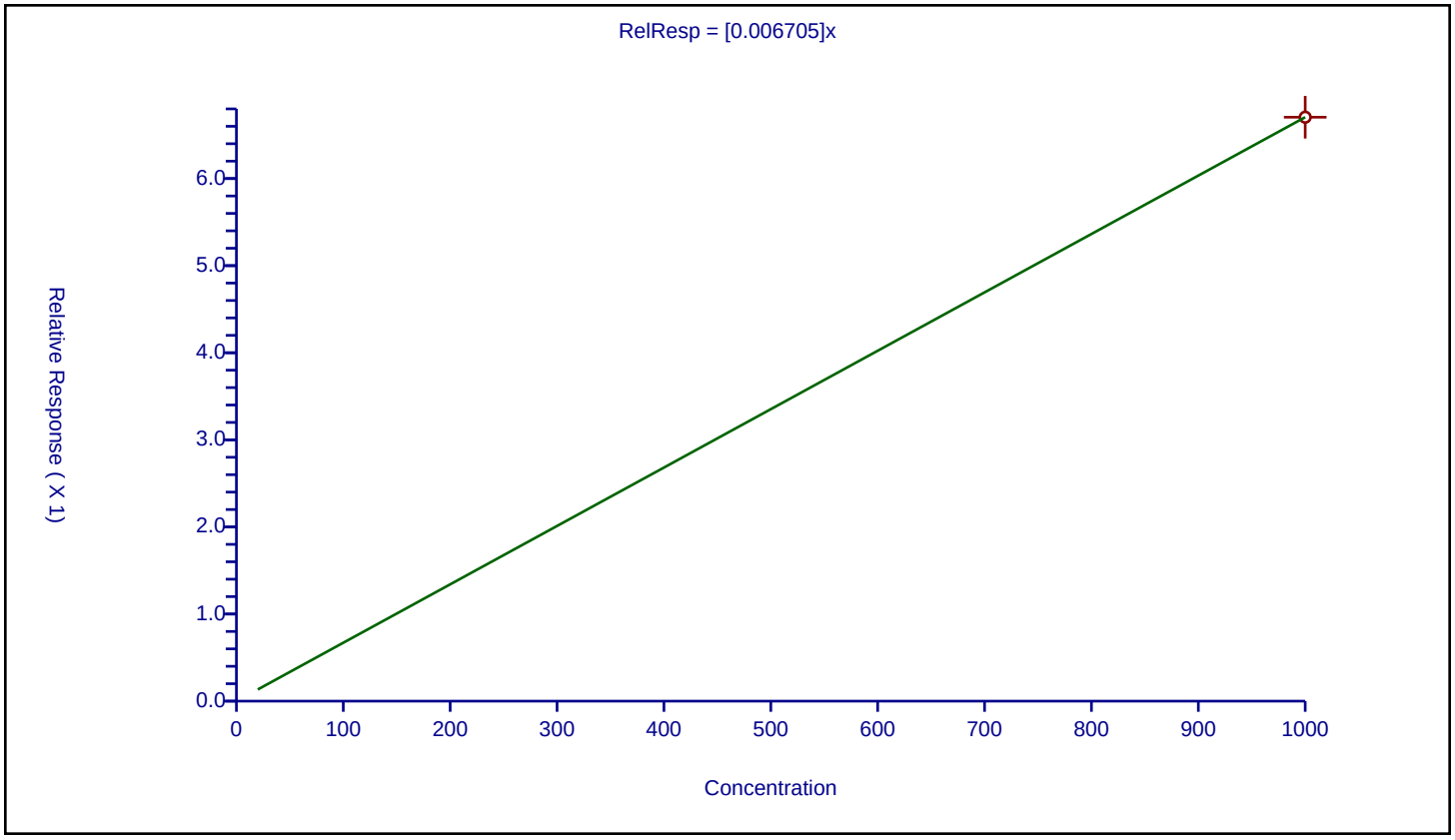
Curve Coefficients

Intercept:	0
Slope:	0.006705

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	6.704577	20.0	22835556.0	0.006705	Y



Calibration / PCB-1232 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

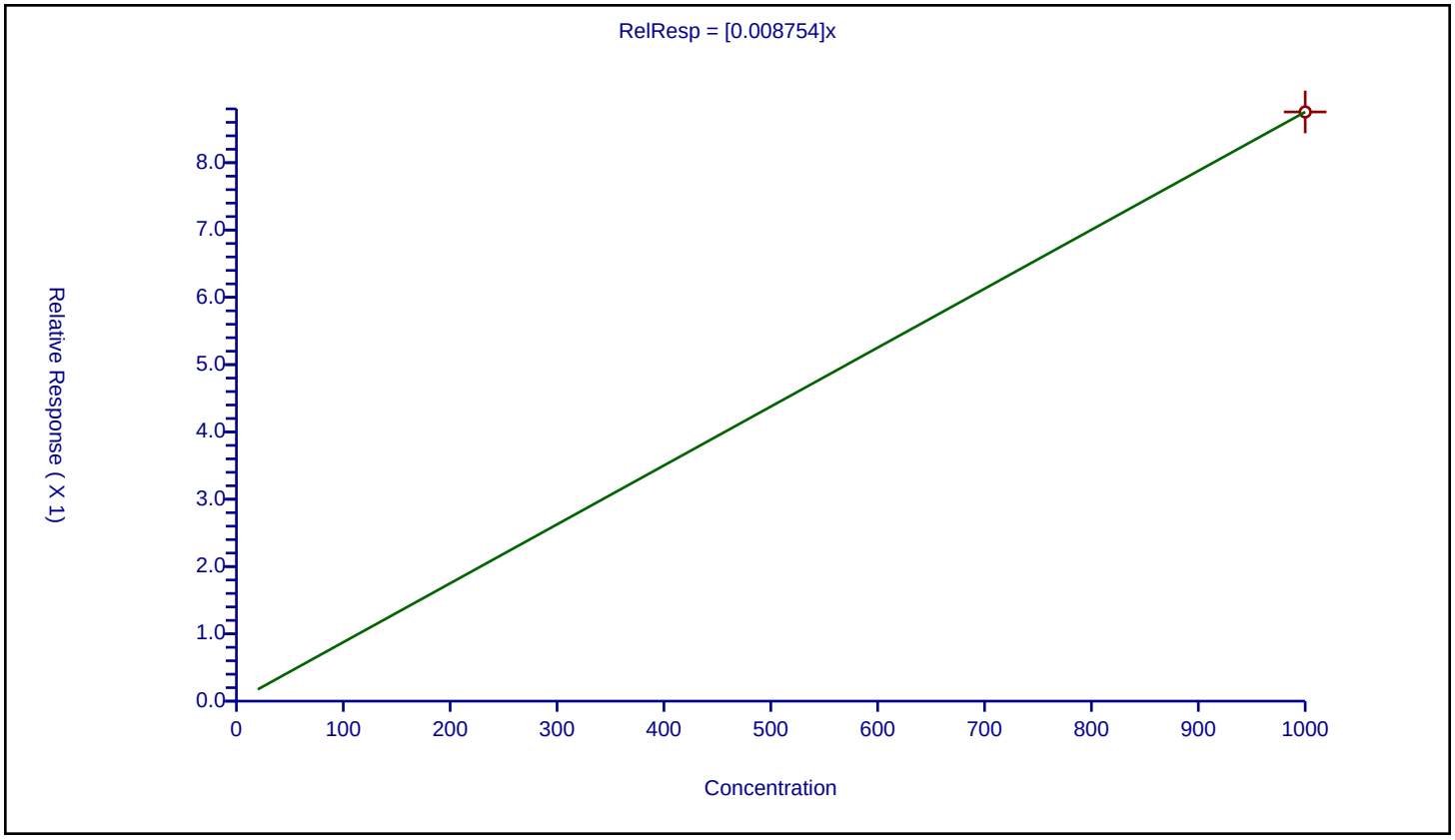
Curve Coefficients

Intercept:	0
Slope:	0.008754

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	8.754343	20.0	22835556.0	0.008754	Y



Calibration / PCB-1232 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

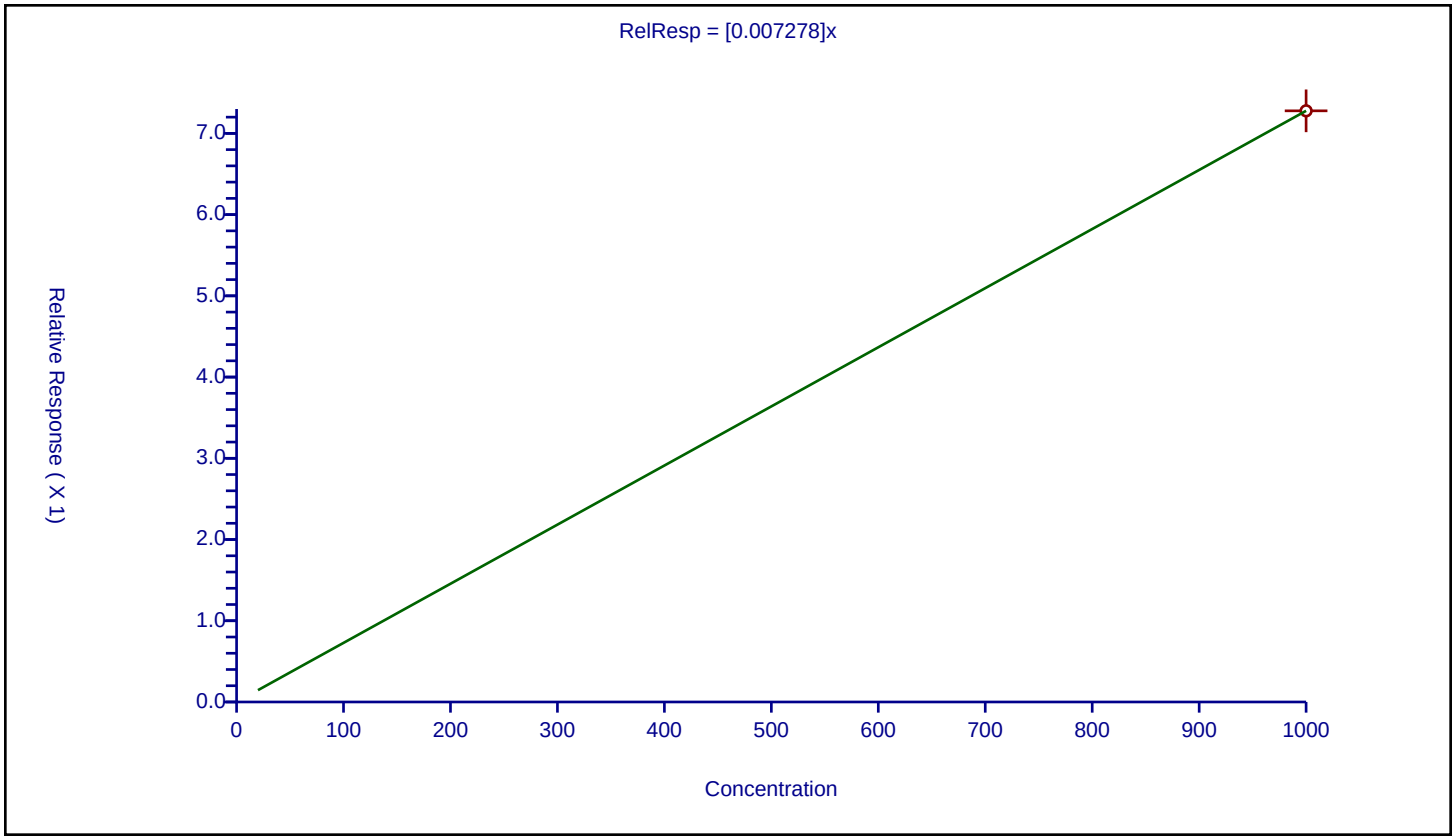
Curve Coefficients

Intercept:	0
Slope:	0.007278

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	7.277785	20.0	22835556.0	0.007278	Y



Calibration / PCB-1232 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

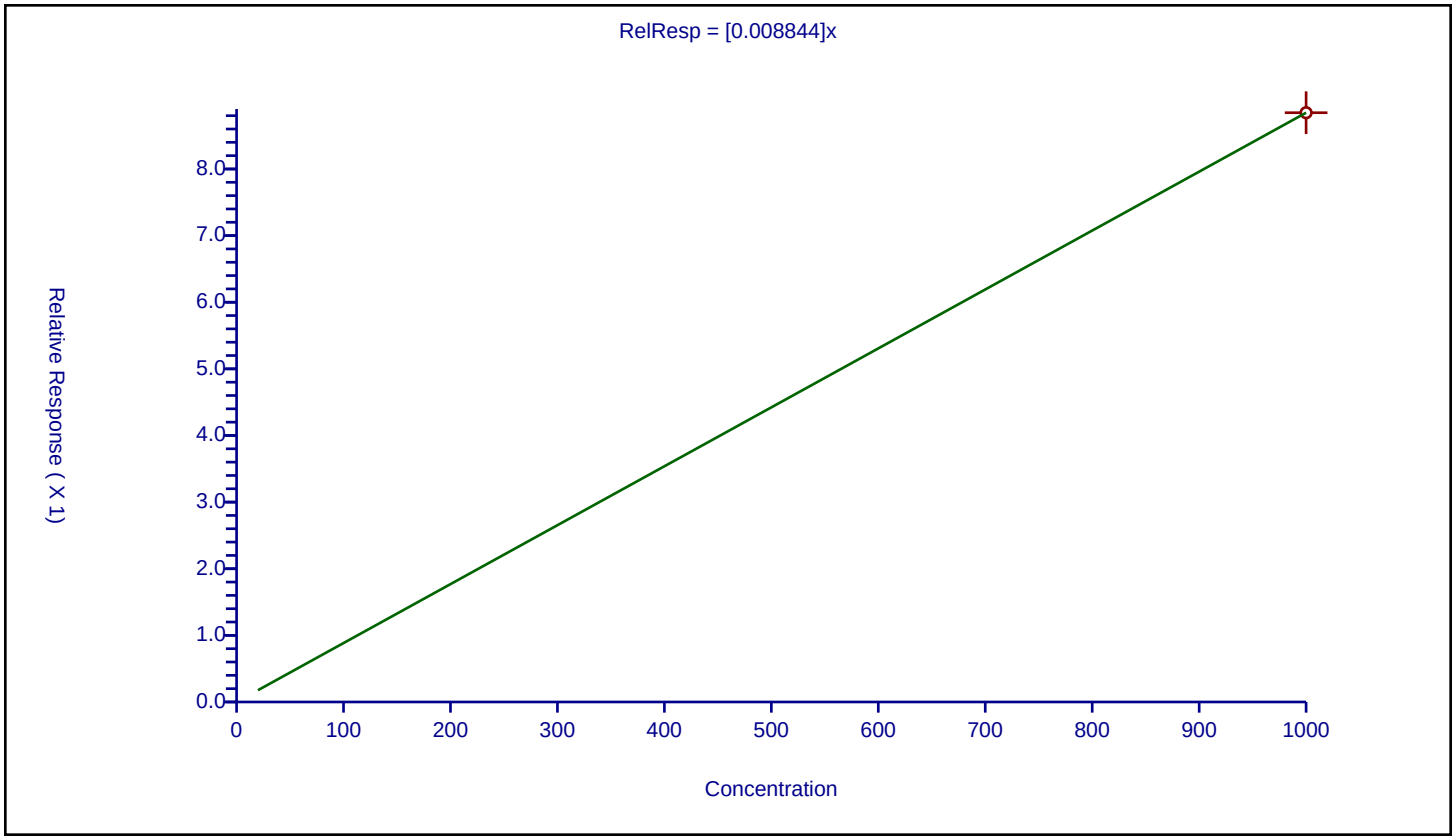
Curve Coefficients

Intercept:	0
Slope:	0.008844

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	8.844386	20.0	22835556.0	0.008844	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 12:34 Calibration End Date: 01/07/2021 12:34 Calibration ID: 83351

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/9	13F0008259.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0172					Ave		0.0172						20.0			
PCB-1232 Peak 2	0.0135					Ave		0.0135						20.0			
PCB-1232 Peak 3	0.0092					Ave		0.0092						20.0			
PCB-1232 Peak 4	0.0269					Ave		0.0269						20.0			
PCB-1232 Peak 5	0.0114					Ave		0.0114						20.0			
PCB-1232 Peak 6	0.0074					Ave		0.0074						20.0			
PCB-1232 Peak 7	0.0106					Ave		0.0106						20.0			
PCB-1232 Peak 8	0.0151					Ave		0.0151						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 12:34 Calibration End Date: 01/07/2021 12:34 Calibration ID: 83351

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/9	13F0008259.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	14903325					1000				
PCB-1232 Peak 2	BNB	Ave	11642623					1000				
PCB-1232 Peak 3	BNB	Ave	7991108					1000				
PCB-1232 Peak 4	BNB	Ave	23248581					1000				
PCB-1232 Peak 5	BNB	Ave	9826375					1000				
PCB-1232 Peak 6	BNB	Ave	6360738					1000				
PCB-1232 Peak 7	BNB	Ave	9119402					1000				
PCB-1232 Peak 8	BNB	Ave	13064975					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008259.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 12:34:32 ALS Bottle#: 13 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-009
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub3

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:15 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:55:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.694	1.694	0.000	22835556	20.0	20.0	
2	1.404	1.404	0.000	17285921	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	3.283	3.283	0.000	19758462	1000.0	1000.0	
1	3.792	3.792	0.000	16647513	1000.0	1000.0	
1	4.361	4.361	0.000	30337123	1000.0	1000.0	M
1	4.530	4.530	0.000	12326028	1000.0	1000.0	M
1	4.658	4.658	0.000	7655137	1000.0	1000.0	M
1	5.270	5.270	0.000	9995515	1000.0	1000.0	M
1	5.606	5.606	0.000	8309613	1000.0	1000.0	M
1	5.662	5.662	0.000	10098324	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.433	2.433	0.000	14903325	1000.0	1000.0	M
2	2.812	2.812	0.000	11642623	1000.0	1000.0	M
2	3.030	3.030	0.000	7991108	1000.0	1000.0	M
2	3.325	3.325	0.000	23248581	1000.0	1000.0	M
2	3.474	3.474	0.000	9826375	1000.0	1000.0	M
2	3.542	3.542	0.000	6360738	1000.0	1000.0	M
2	3.946	3.946	0.000	9119402	1000.0	1000.0	M
2	4.465	4.465	0.000	13064975	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1232L4_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:16 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008259.D

Injection Date: 07-Jan-2021 12:34:32 Instrument ID: CPESTGC13 Operator ID:

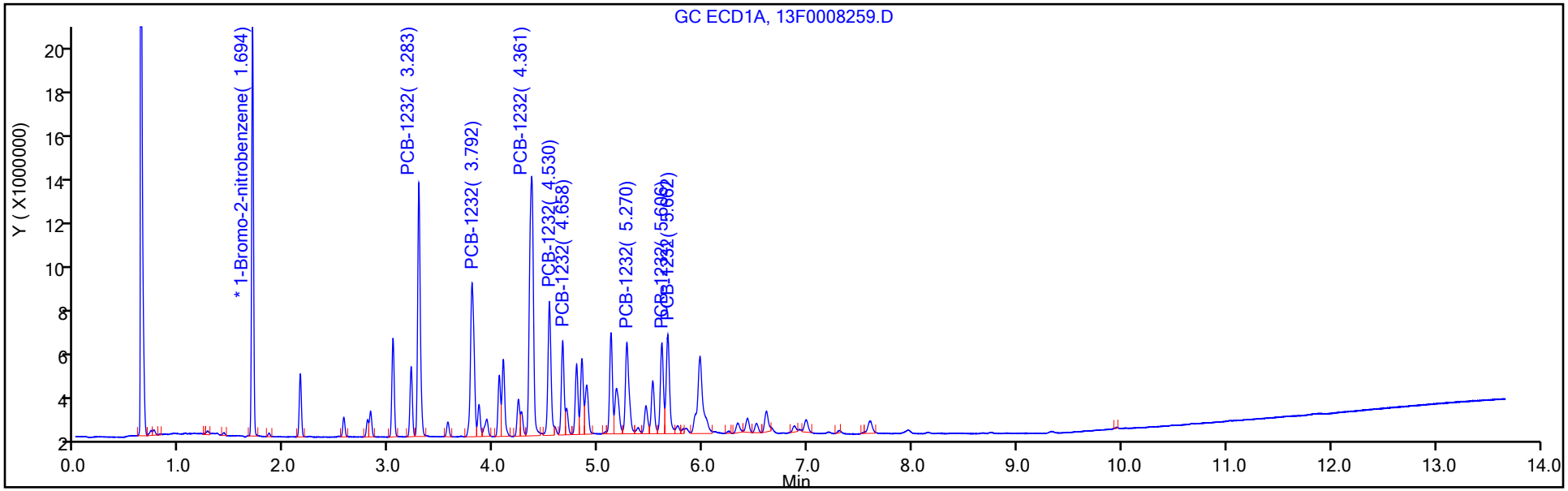
Lims ID: IC 1232 Worklist Smp#: 9

Client ID:

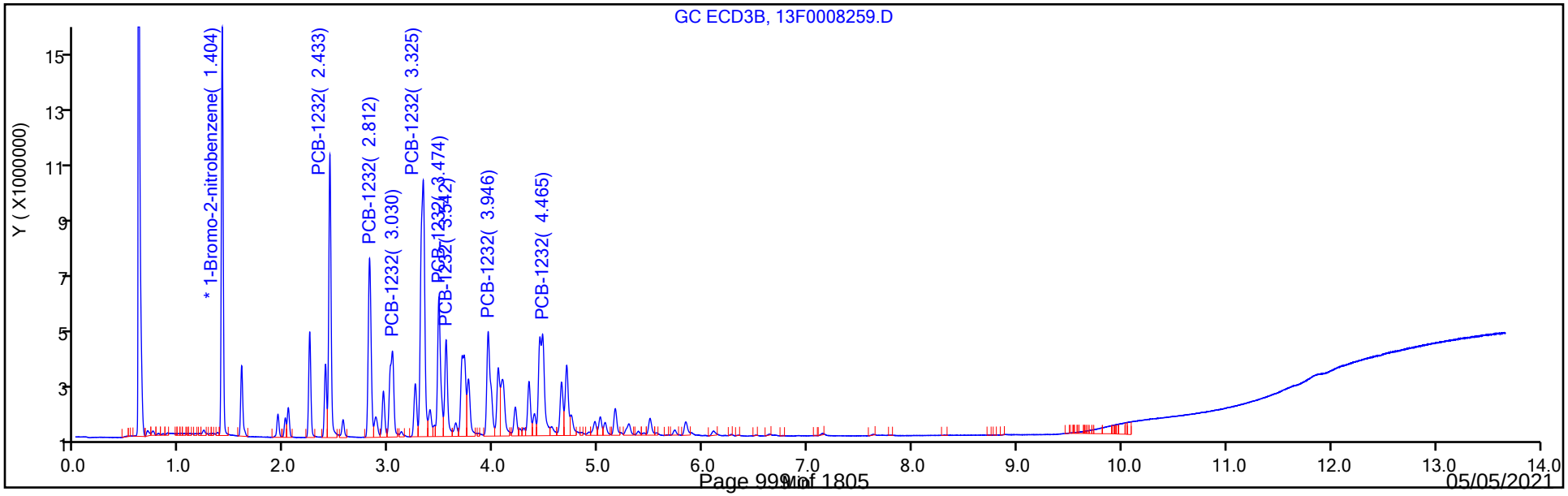
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 13

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 15:00:17 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008259.D

Injection Date: 07-Jan-2021 12:34:32 Instrument ID: CPESTGC13

Lims ID: IC 1232

Client ID:

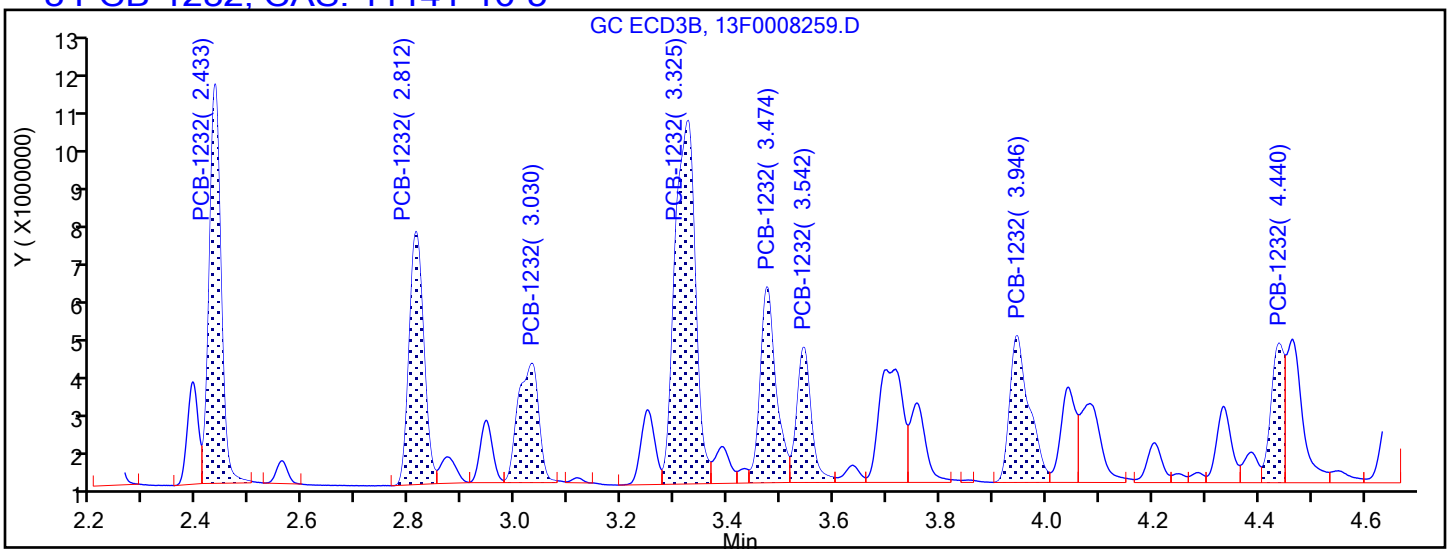
Operator ID: ALS Bottle#: 13 Worklist Smp#: 9

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

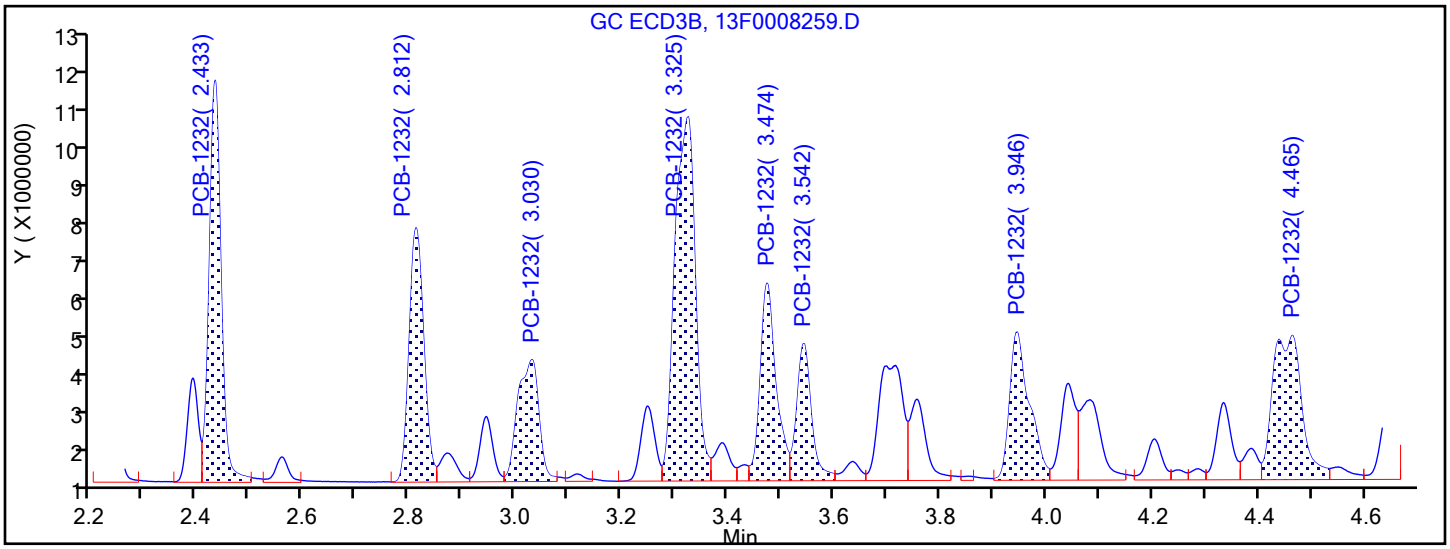
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

3 PCB-1232, CAS: 11141-16-5



Processing Integration Results

2.433	Response = 14512281
2.812	Response = 11489015
3.030	Response = 7599983
3.325	Response = 23141052
3.474	Response = 9617399
3.542	Response = 6108119
3.946	Response = 8875659
4.440	Response = 5643617



Manual Integration Results

2.433	Response = 14903325	M
2.812	Response = 11642623	M
3.030	Response = 7991108	M
3.325	Response = 23248581	M
3.474	Response = 9826375	M
3.542	Response = 6360738	M

Calibration / PCB-1232 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

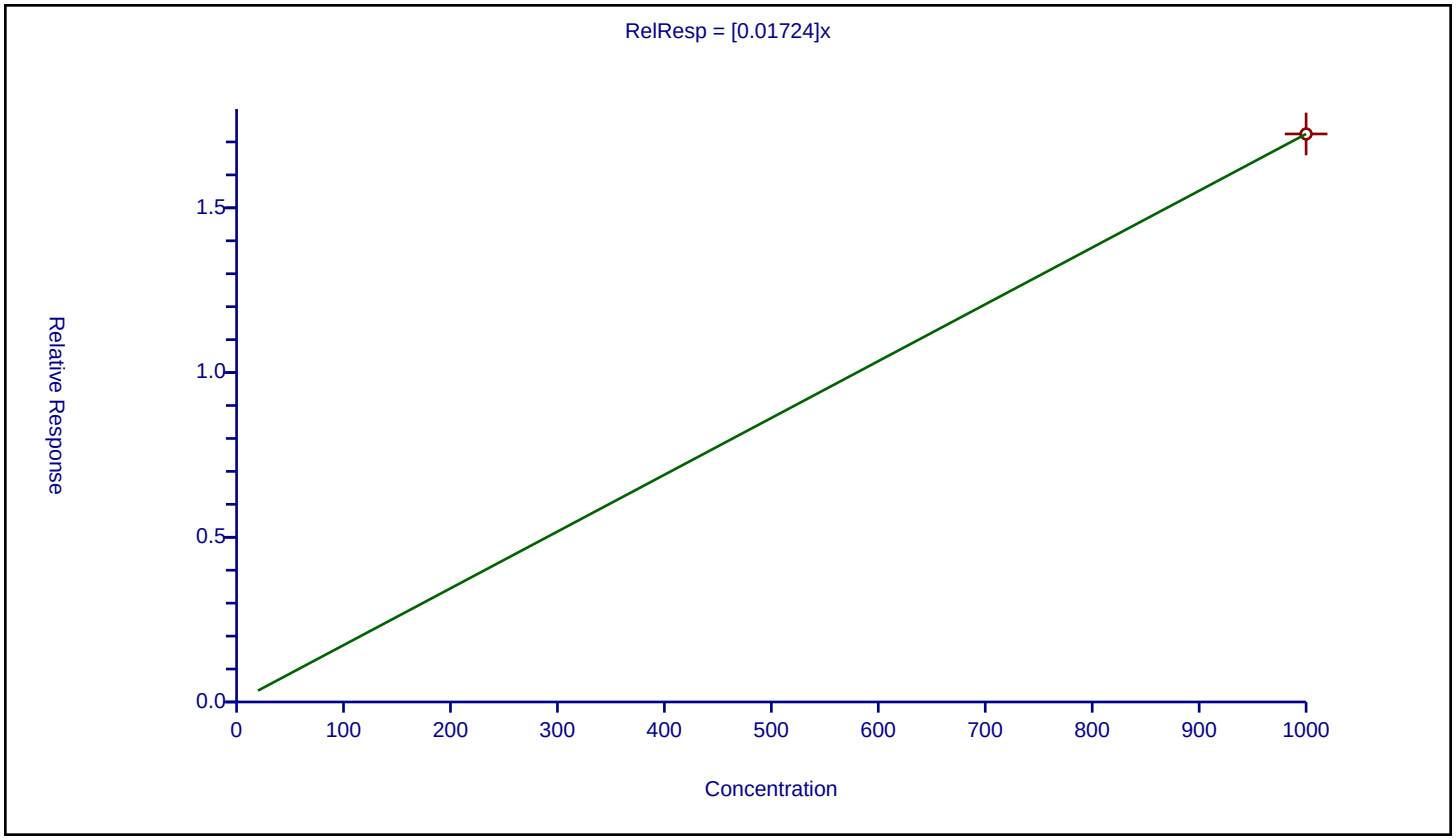
Curve Coefficients

Intercept:	0
Slope:	0.01724

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	17.24331	20.0	17285921.0	0.017243	Y



Calibration / PCB-1232 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

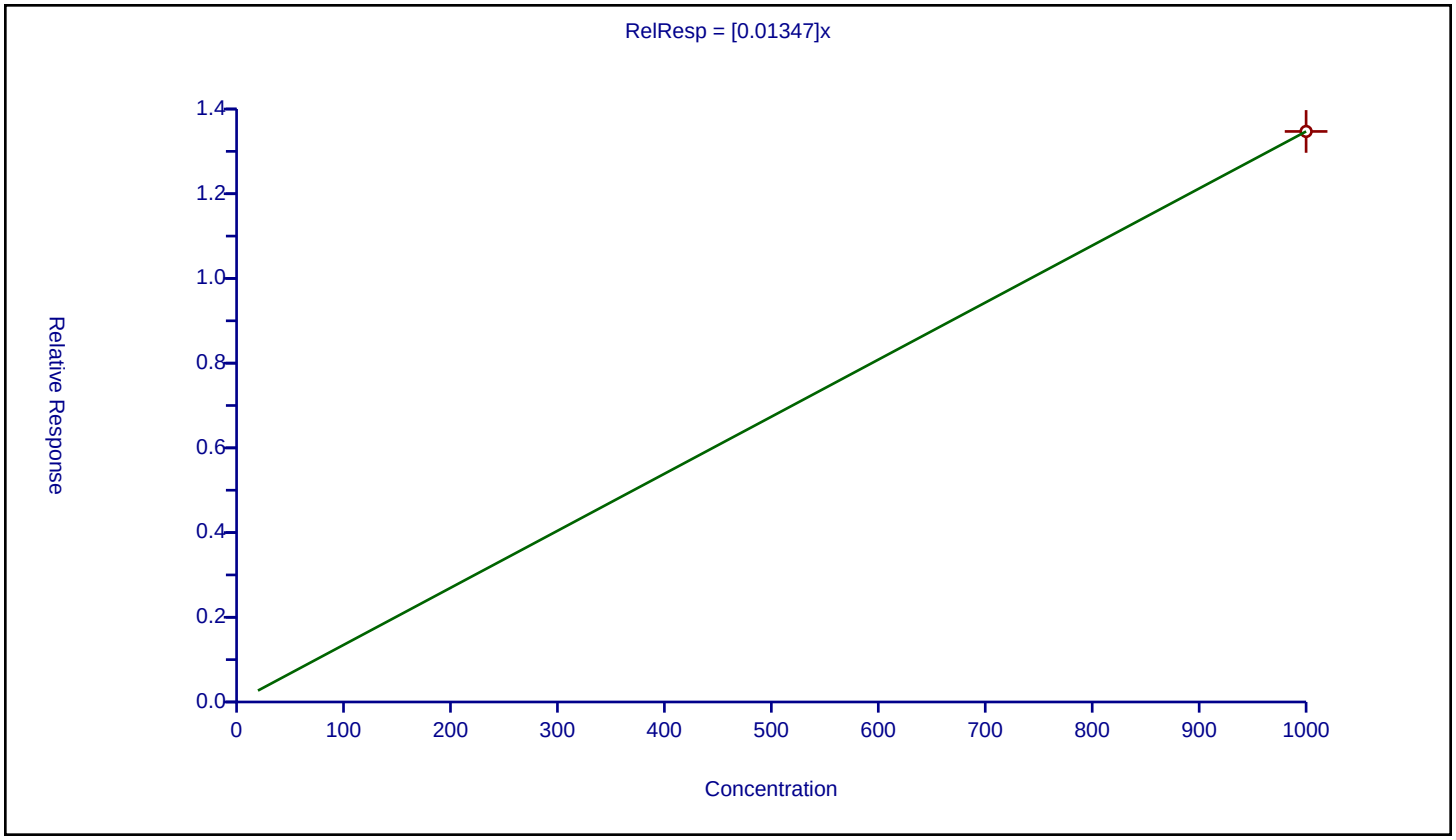
Curve Coefficients

Intercept:	0
Slope:	0.01347

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	13.470642	20.0	17285921.0	0.013471	Y



Calibration / PCB-1232 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

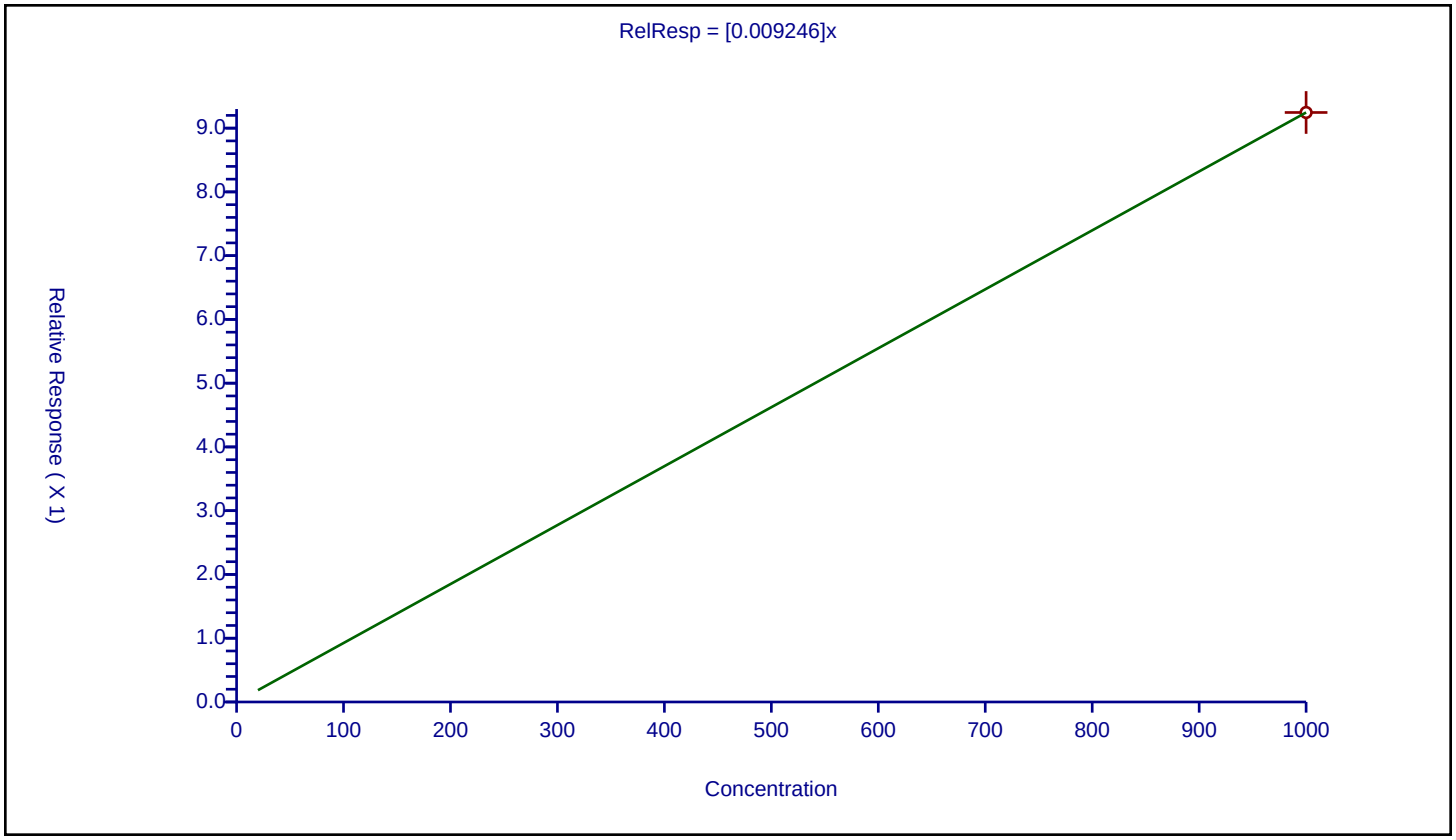
Curve Coefficients

Intercept:	0
Slope:	0.009246

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	9.2458	20.0	17285921.0	0.009246	Y



Calibration / PCB-1232 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

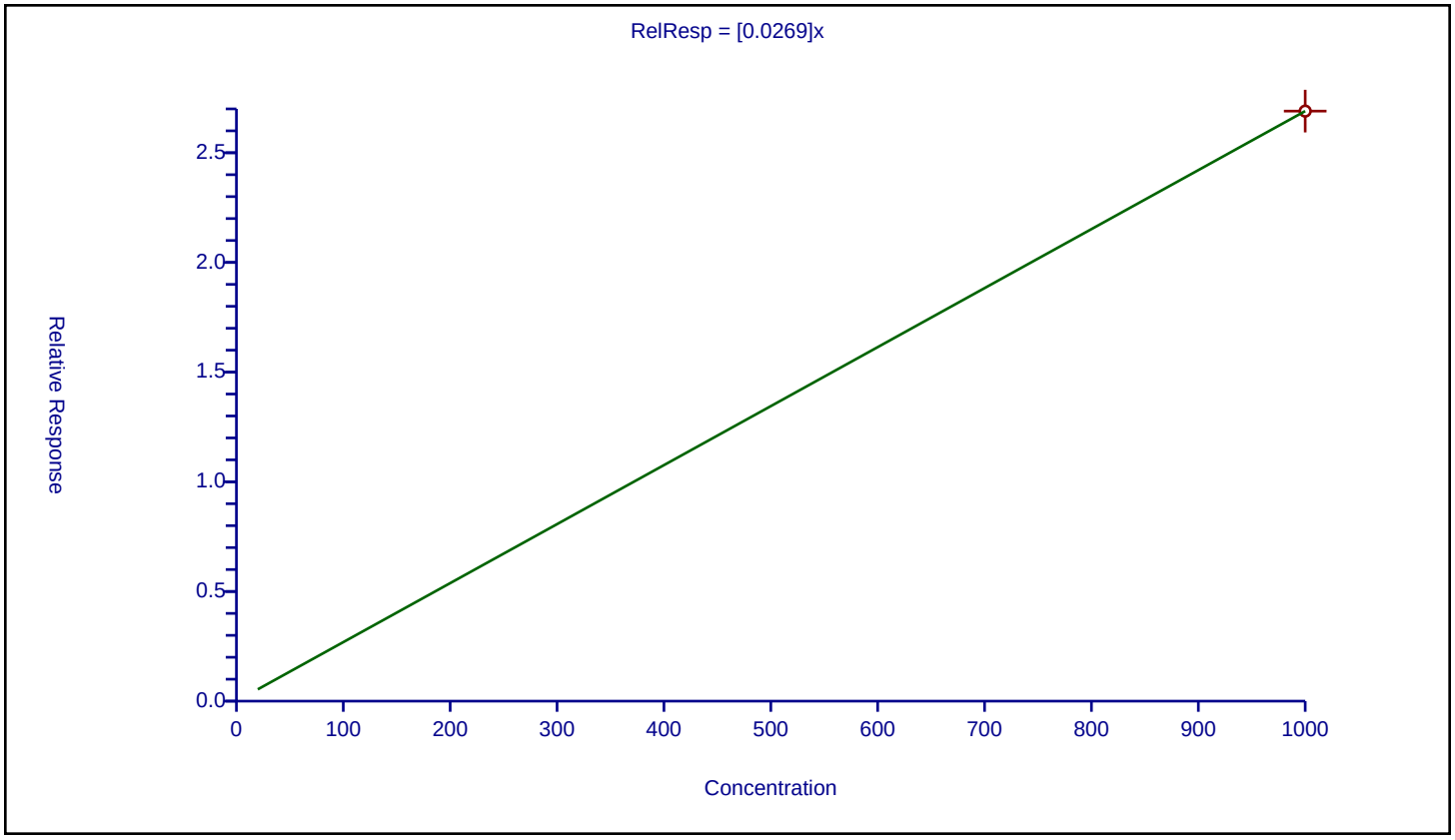
Curve Coefficients

Intercept:	0
Slope:	0.0269

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	26.898863	20.0	17285921.0	0.026899	Y



Calibration / PCB-1232 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

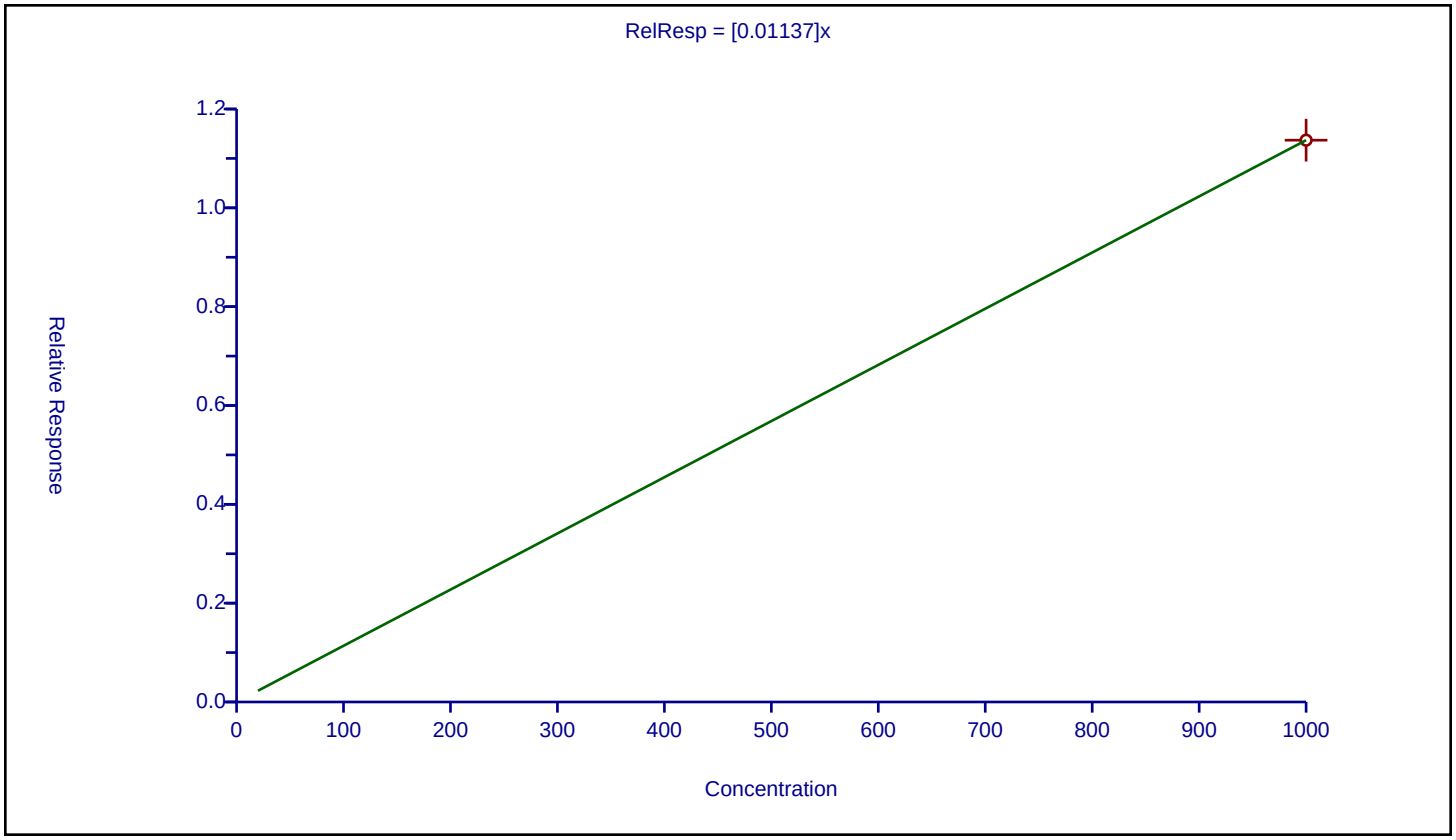
Curve Coefficients

Intercept:	0
Slope:	0.01137

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	11.369224	20.0	17285921.0	0.011369	Y



Calibration / PCB-1232 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

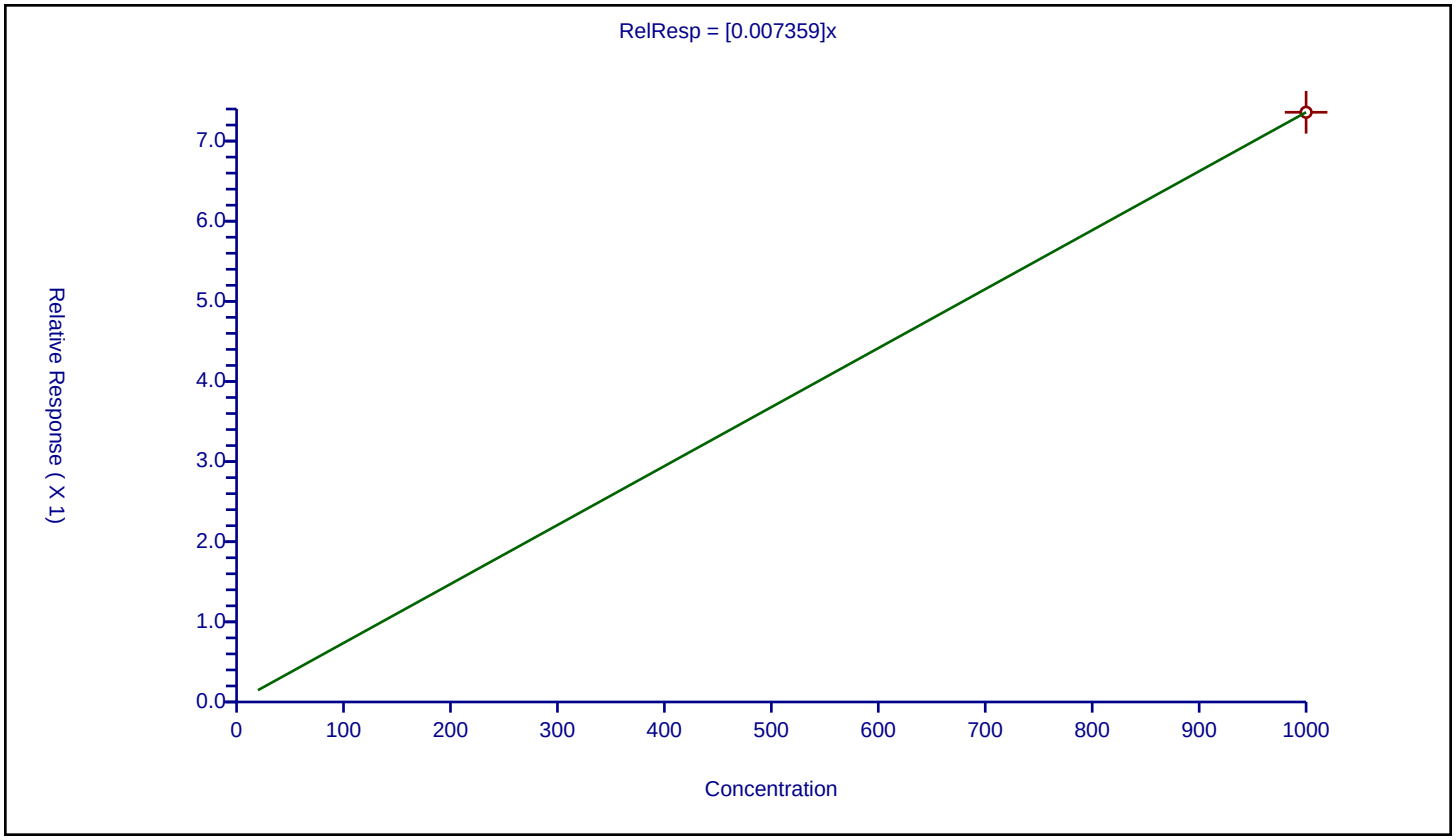
Curve Coefficients

Intercept:	0
Slope:	0.007359

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	7.359444	20.0	17285921.0	0.007359	Y



Calibration / PCB-1232 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

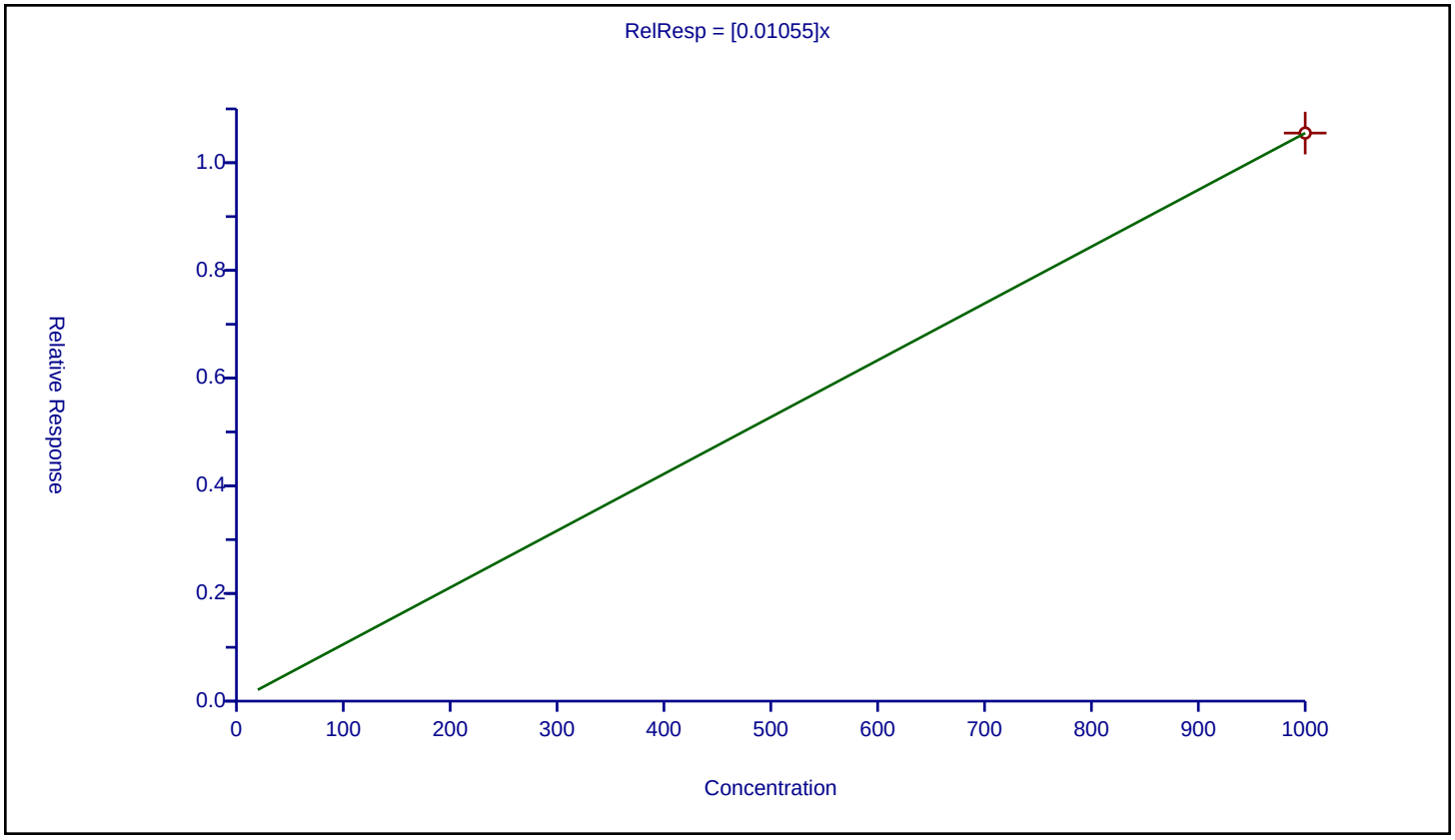
Curve Coefficients

Intercept:	0
Slope:	0.01055

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	10.551248	20.0	17285921.0	0.010551	Y



Calibration / PCB-1232 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

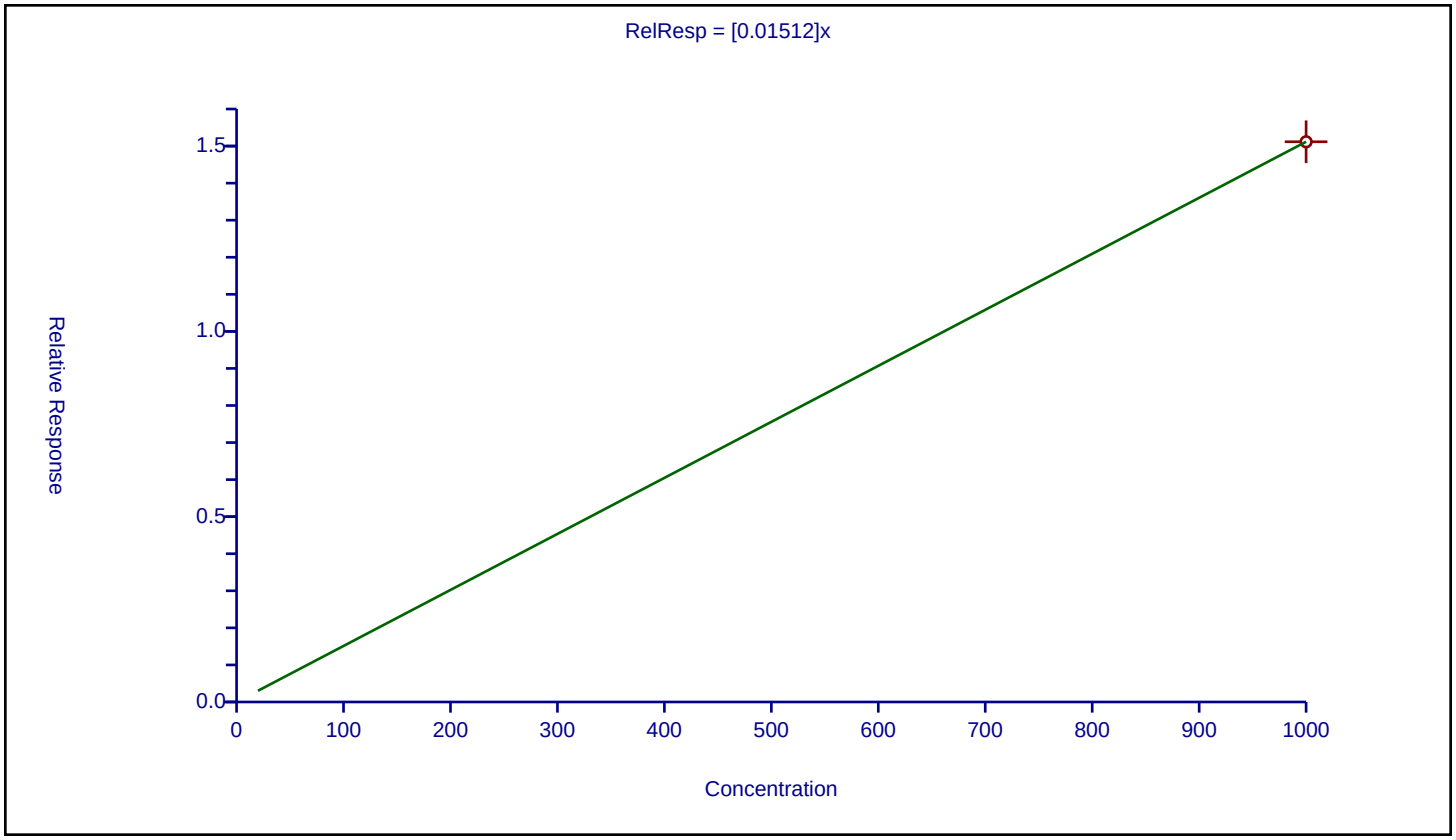
Curve Coefficients

Intercept:	0
Slope:	0.01512

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/9	1000.0	15.116319	20.0	17285921.0	0.015116	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 12:50 Calibration End Date: 01/07/2021 12:50 Calibration ID: 83356

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/10	13F0008260.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0129					Ave		0.0129						20.0			
PCB-1242 Peak 2	0.0266					Ave		0.0266						20.0			
PCB-1242 Peak 3	0.0525					Ave		0.0525						20.0			
PCB-1242 Peak 4	0.0216					Ave		0.0216						20.0			
PCB-1242 Peak 5	0.0128					Ave		0.0128						20.0			
PCB-1242 Peak 6	0.0188					Ave		0.0188						20.0			
PCB-1242 Peak 7	0.0162					Ave		0.0162						20.0			
PCB-1242 Peak 8	0.0191					Ave		0.0191						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 12:50 Calibration End Date: 01/07/2021 12:50 Calibration ID: 83356

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/10	13F0008260.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	13963053					1000				
PCB-1242 Peak 2	BNB	Ave	28840131					1000				
PCB-1242 Peak 3	BNB	Ave	56955219					1000				
PCB-1242 Peak 4	BNB	Ave	23476324					1000				
PCB-1242 Peak 5	BNB	Ave	13897097					1000				
PCB-1242 Peak 6	BNB	Ave	20386236					1000				
PCB-1242 Peak 7	BNB	Ave	17533788					1000				
PCB-1242 Peak 8	BNB	Ave	20719022					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008260.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 12:50:17 ALS Bottle#: 14 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-010
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub4

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:20 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:55:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.702	1.702	0.000	21712865	20.0	20.0	
2	1.411	1.411	0.000	16366395	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	3.293	3.293	0.000	13963053	1000.0	1000.0	
1	3.800	3.800	0.000	28840131	1000.0	1000.0	
1	4.373	4.373	0.000	56955219	1000.0	1000.0	M
1	4.541	4.541	0.000	23476324	1000.0	1000.0	M
1	4.668	4.668	0.000	13897097	1000.0	1000.0	M
1	5.282	5.282	0.000	20386236	1000.0	1000.0	M
1	5.617	5.617	0.000	17533788	1000.0	1000.0	M
1	5.674	5.674	0.000	20719022	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.441	2.441	0.000	10500775	1000.0	1000.0	M
2	2.820	2.820	0.000	21302012	1000.0	1000.0	M
2	3.040	3.040	0.000	14389764	1000.0	1000.0	M
2	3.335	3.335	0.000	44201280	1000.0	1000.0	M
2	3.484	3.484	0.000	18321375	1000.0	1000.0	M
2	3.553	3.553	0.000	11663511	1000.0	1000.0	M
2	3.955	3.955	0.000	18662346	1000.0	1000.0	M
2	4.477	4.477	0.000	27407770	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1242L4_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:20 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008260.D

Injection Date: 07-Jan-2021 12:50:17 Instrument ID: CPESTGC13 Operator ID:

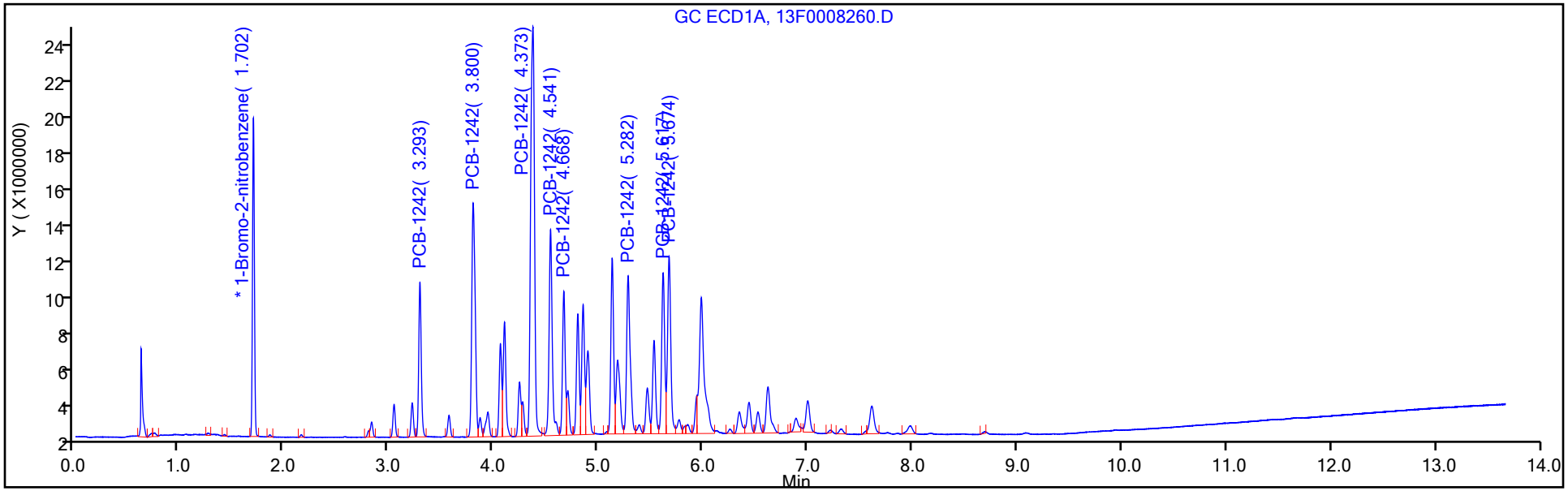
Lims ID: IC 1242 Worklist Smp#: 10

Client ID:

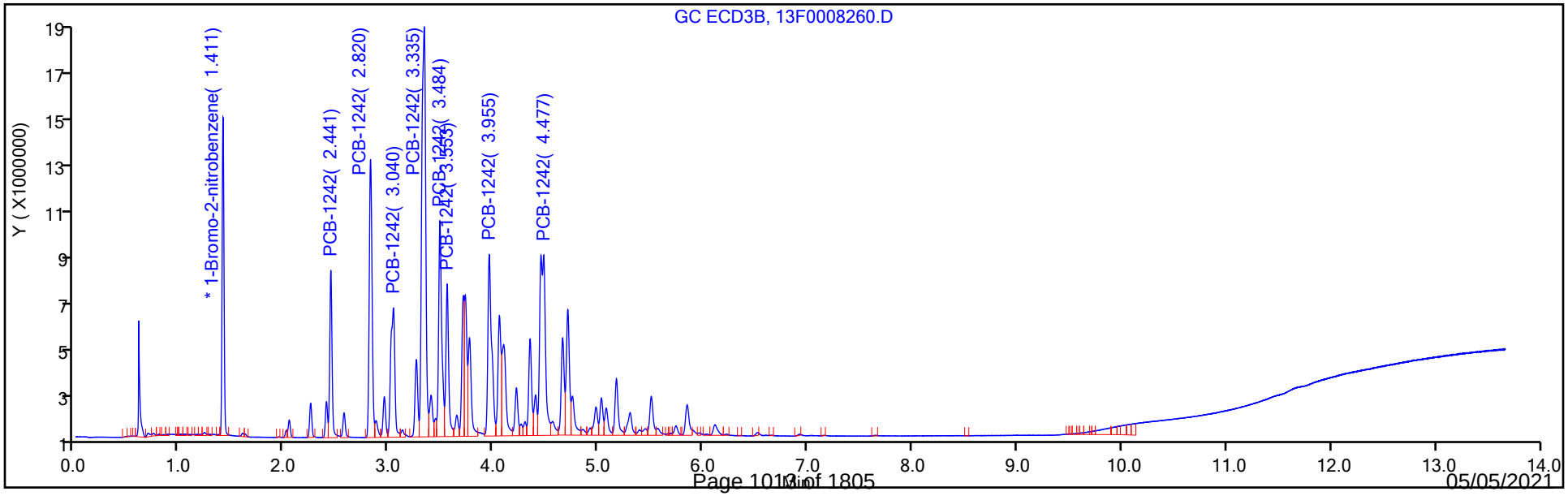
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 14

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 15:00:21 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008260.D

Injection Date: 07-Jan-2021 12:50:17 Instrument ID: CPESTGC13

Lims ID: IC 1242

Client ID:

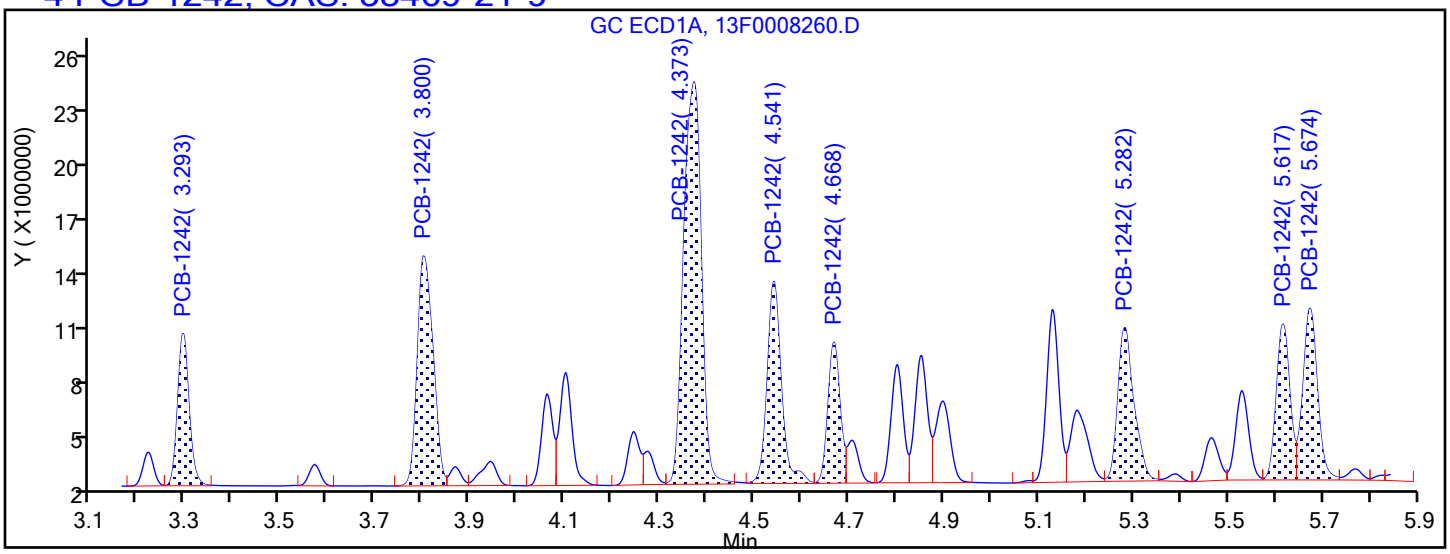
Operator ID: ALS Bottle#: 14 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

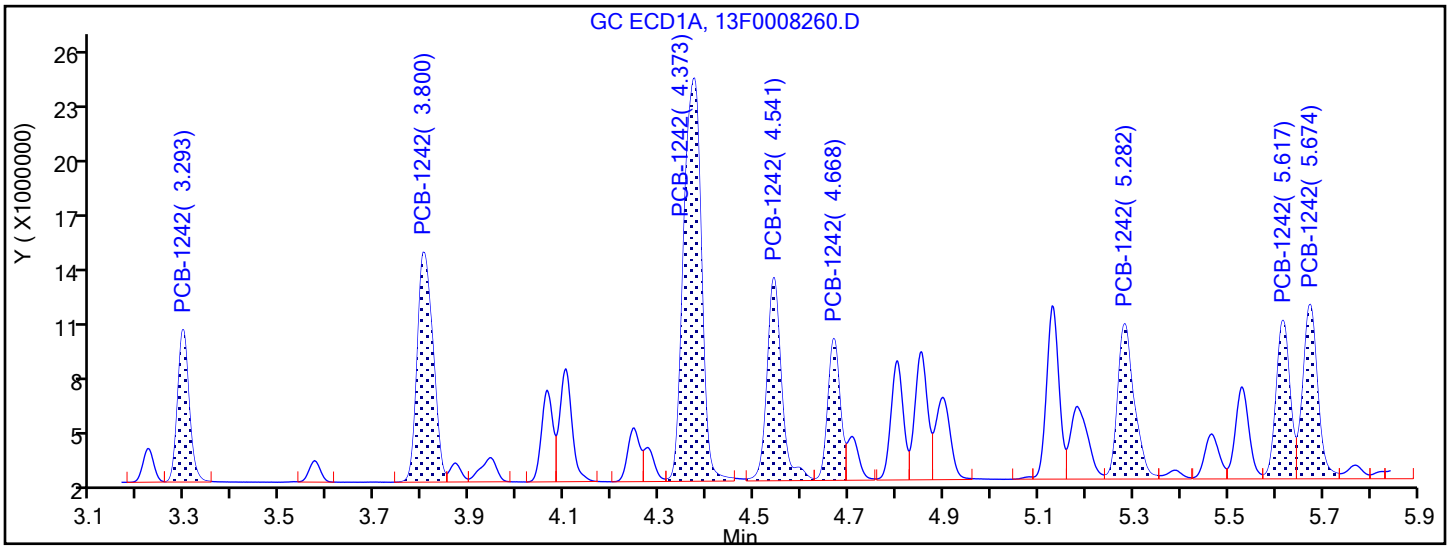
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

3.293	Response = 13963053
3.800	Response = 28840131
4.373	Response = 56571502
4.541	Response = 22982441
4.668	Response = 13697460
5.282	Response = 19752200
5.617	Response = 16906447
5.674	Response = 19938382



Manual Integration Results

3.293	Response = 13963053	
3.800	Response = 28840131	
4.373	Response = 56955219	M
4.541	Response = 23476324	M
4.668	Response = 13897097	M
5.282	Response = 20386236	M

Calibration / PCB-1242 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

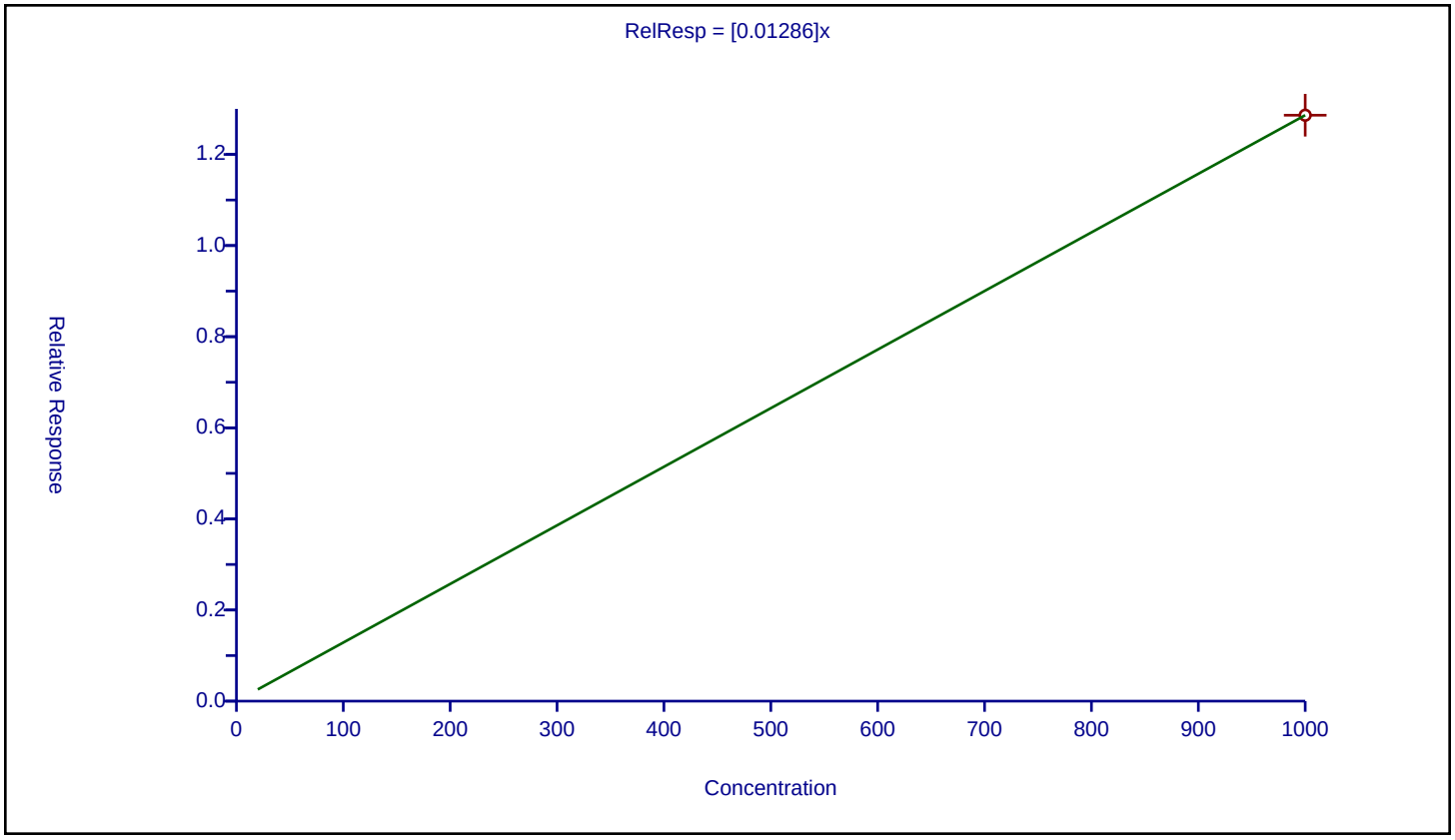
Curve Coefficients

Intercept:	0
Slope:	0.01286

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	12.861548	20.0	21712865.0	0.012862	Y



Calibration / PCB-1242 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

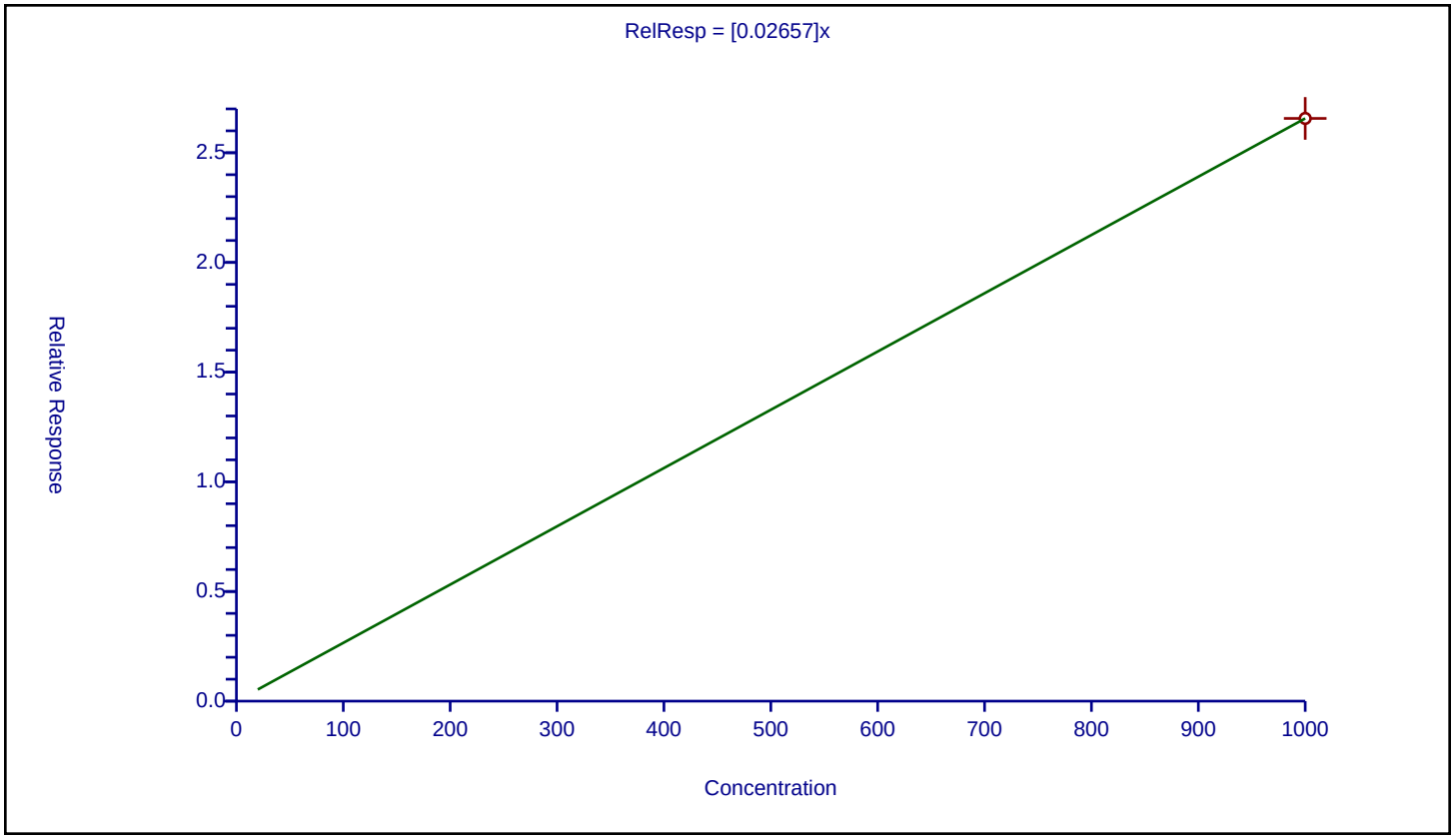
Curve Coefficients

Intercept:	0
Slope:	0.02657

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	26.565017	20.0	21712865.0	0.026565	Y



Calibration / PCB-1242 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

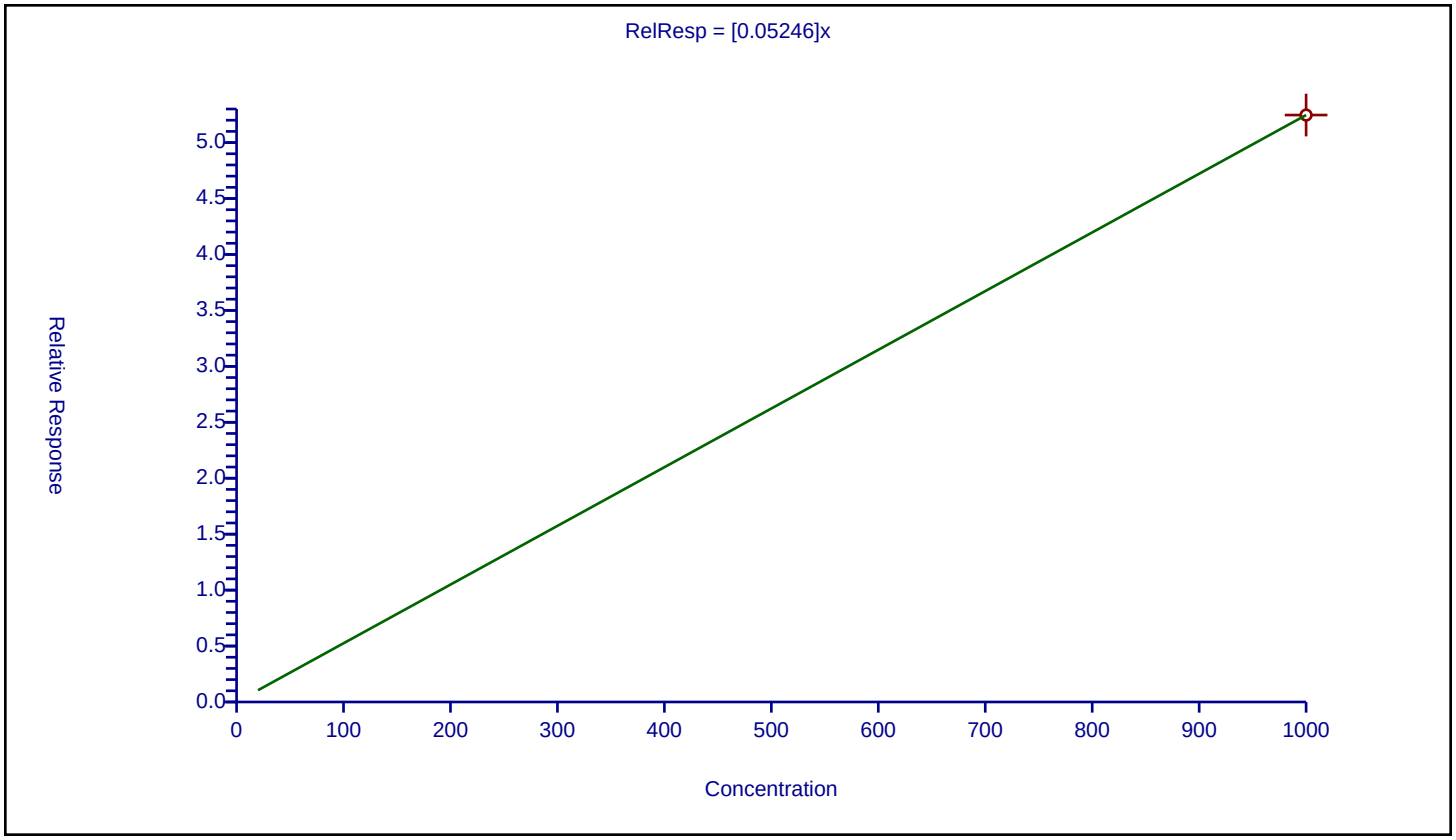
Curve Coefficients

Intercept:	0
Slope:	0.05246

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	52.462187	20.0	21712865.0	0.052462	Y



Calibration / PCB-1242 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

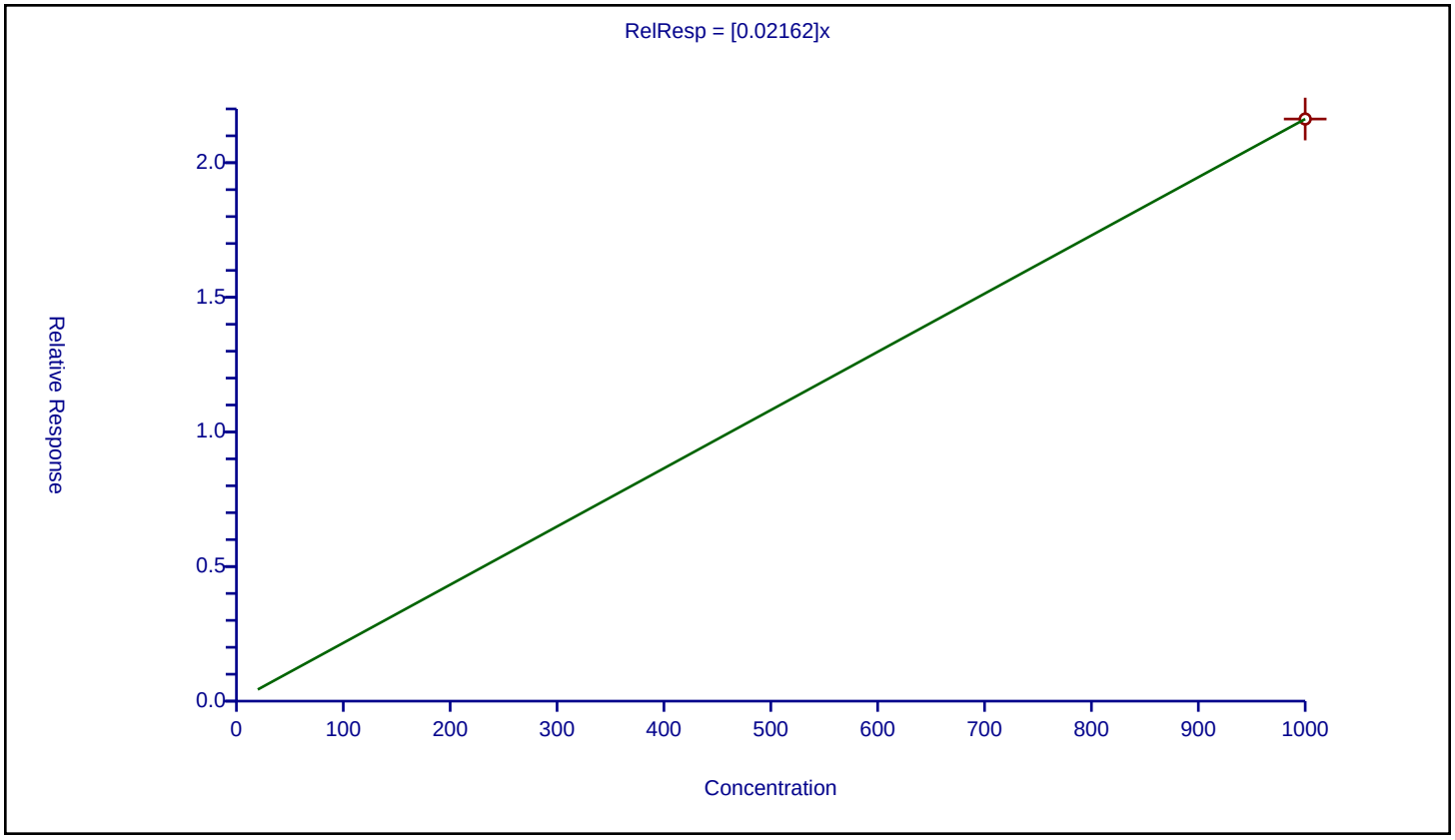
Curve Coefficients

Intercept:	0
Slope:	0.02162

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	21.624345	20.0	21712865.0	0.021624	Y



Calibration / PCB-1242 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

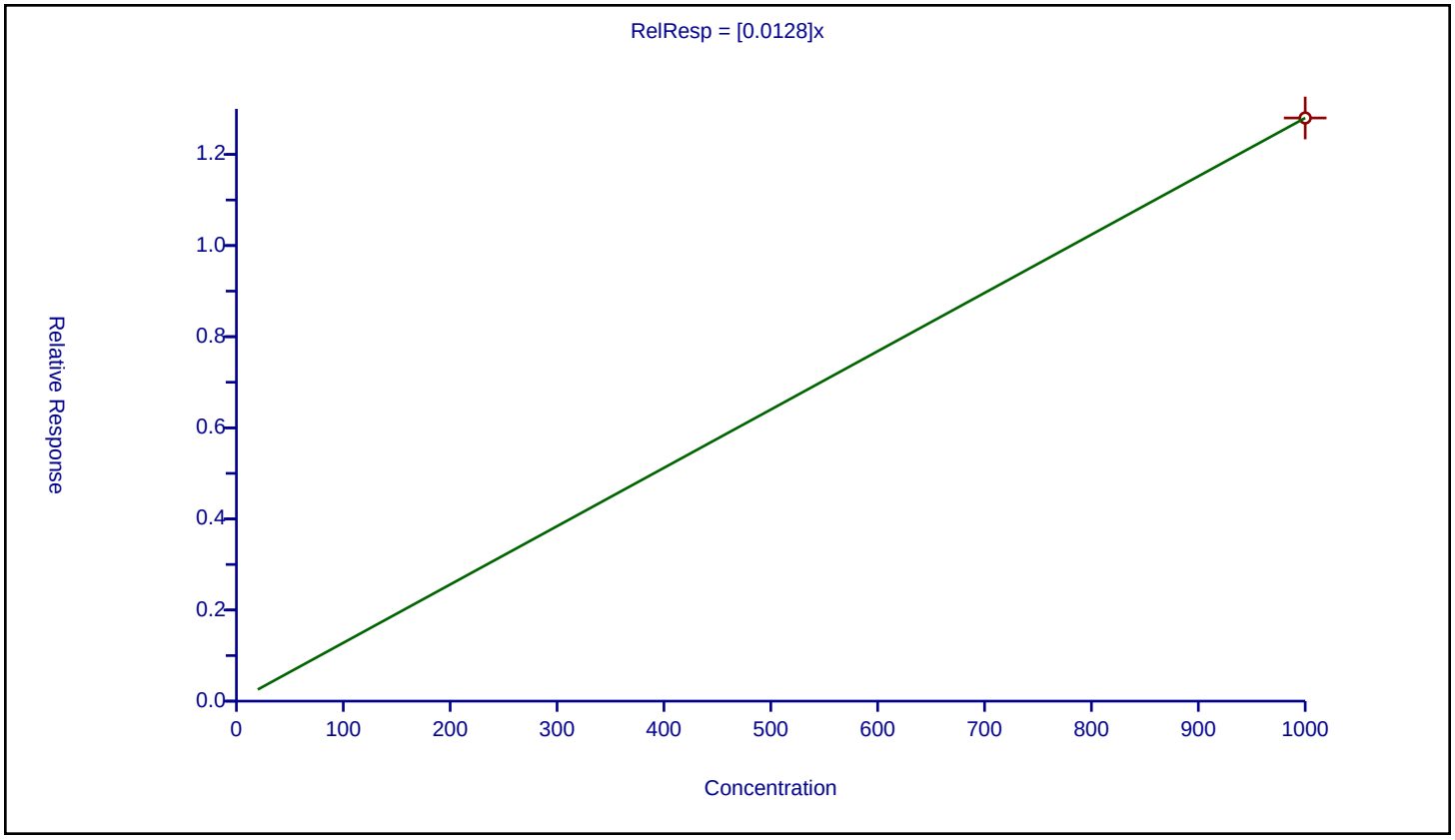
Curve Coefficients

Intercept:	0
Slope:	0.0128

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	12.800795	20.0	21712865.0	0.012801	Y



Calibration / PCB-1242 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

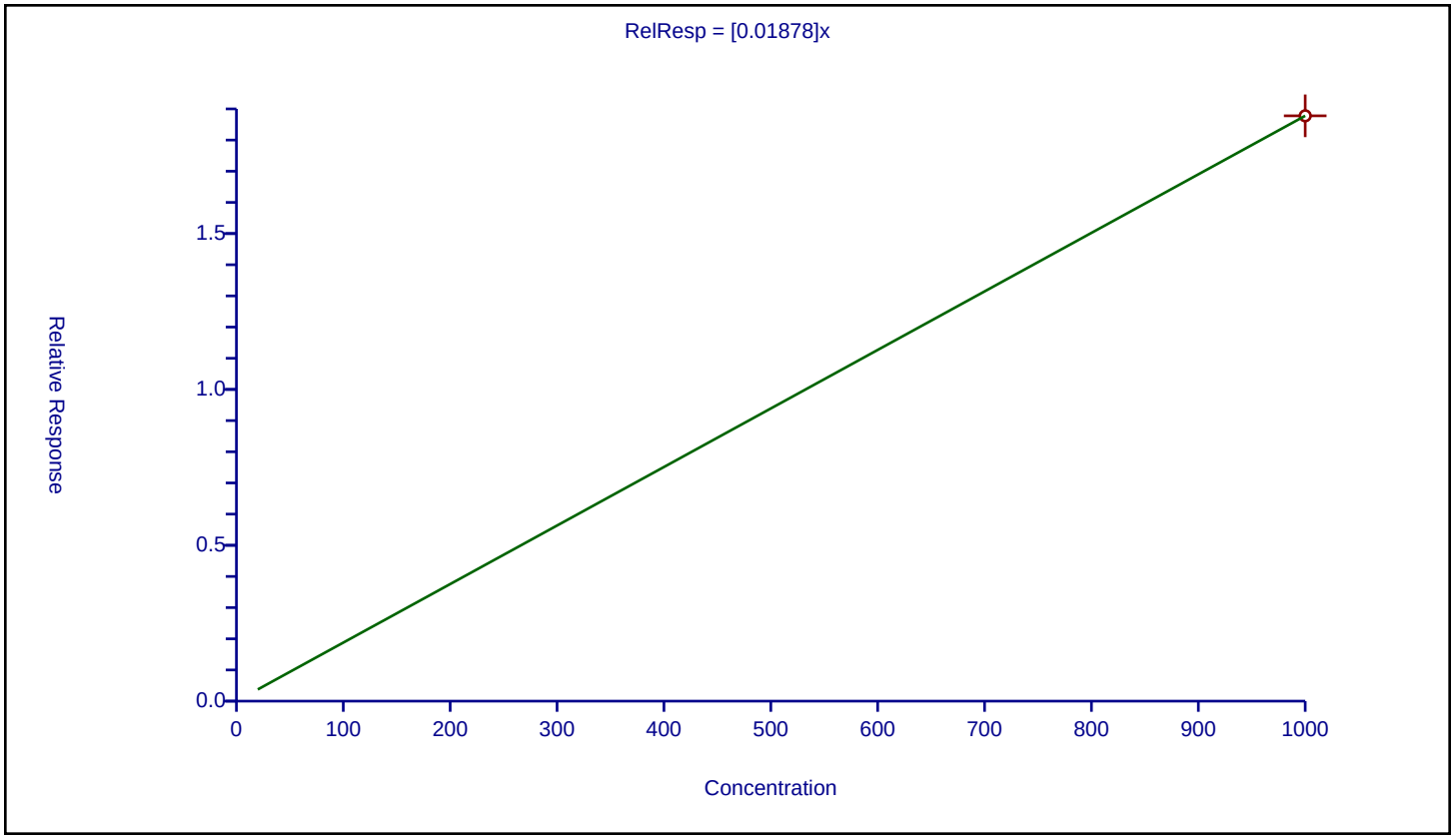
Curve Coefficients

Intercept:	0
Slope:	0.01878

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	18.778025	20.0	21712865.0	0.018778	Y



Calibration / PCB-1242 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

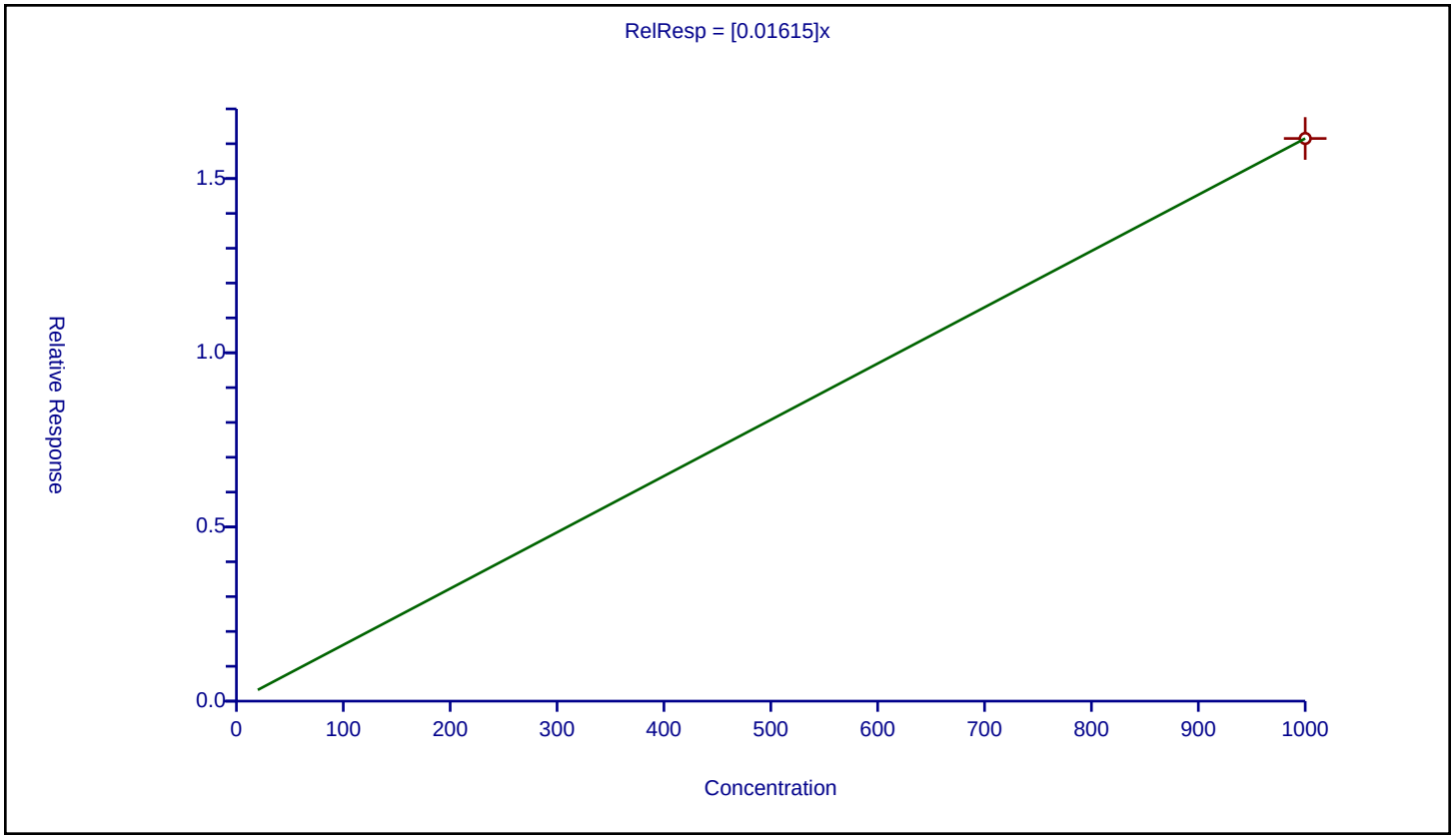
Curve Coefficients

Intercept:	0
Slope:	0.01615

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	16.150598	20.0	21712865.0	0.016151	Y



Calibration / PCB-1242 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

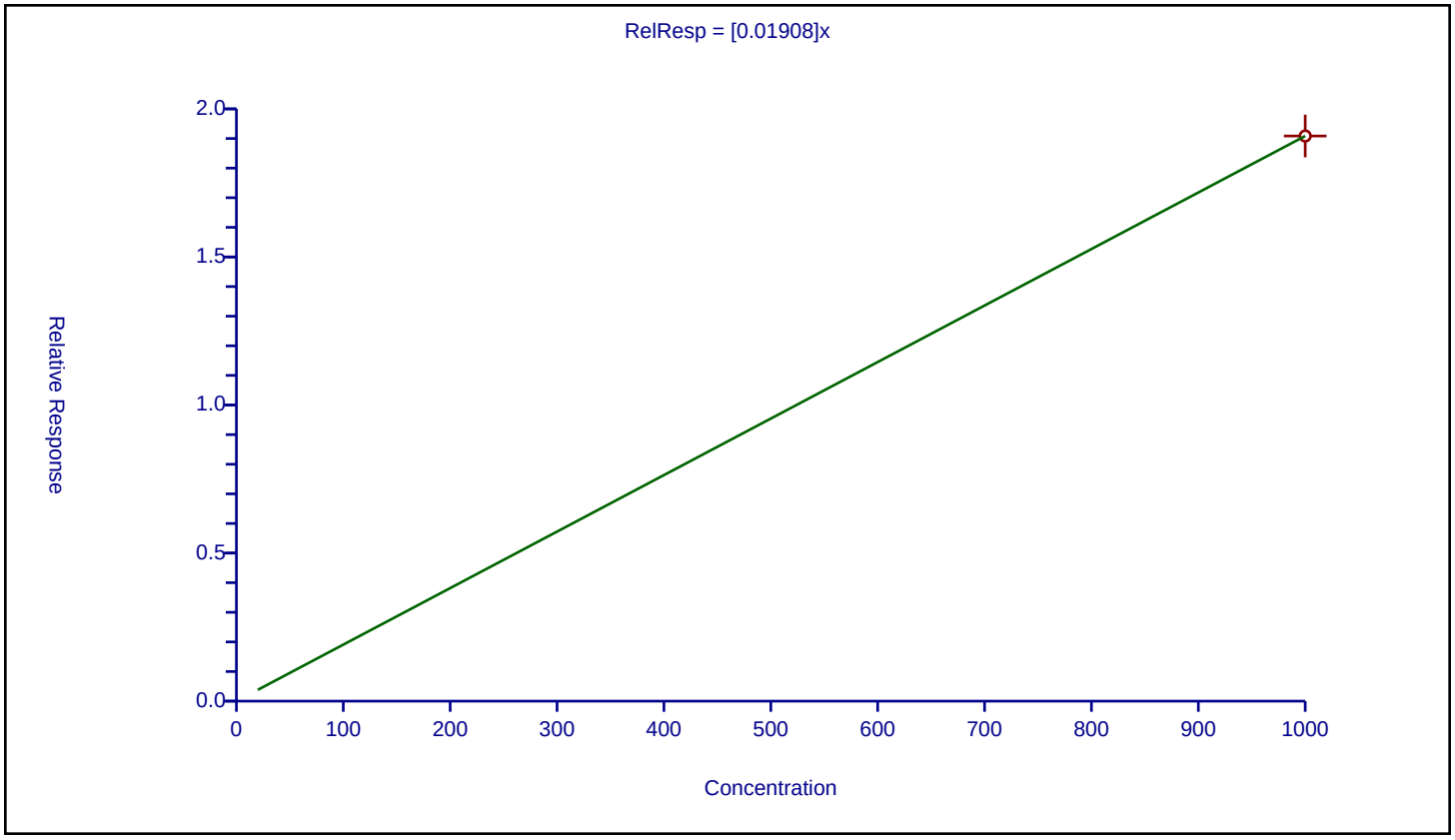
Curve Coefficients

Intercept:	0
Slope:	0.01908

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	19.084558	20.0	21712865.0	0.019085	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 12:50 Calibration End Date: 01/07/2021 12:50 Calibration ID: 83357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/10	13F0008260.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0128					Ave		0.0128						20.0			
PCB-1242 Peak 2	0.0260					Ave		0.0260						20.0			
PCB-1242 Peak 3	0.0176					Ave		0.0176						20.0			
PCB-1242 Peak 4	0.0540					Ave		0.0540						20.0			
PCB-1242 Peak 5	0.0224					Ave		0.0224						20.0			
PCB-1242 Peak 6	0.0143					Ave		0.0143						20.0			
PCB-1242 Peak 7	0.0228					Ave		0.0228						20.0			
PCB-1242 Peak 8	0.0335					Ave		0.0335						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 12:50 Calibration End Date: 01/07/2021 12:50 Calibration ID: 83357

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/10	13F0008260.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	10500775					1000				
PCB-1242 Peak 2	BNB	Ave	21302012					1000				
PCB-1242 Peak 3	BNB	Ave	14389764					1000				
PCB-1242 Peak 4	BNB	Ave	44201280					1000				
PCB-1242 Peak 5	BNB	Ave	18321375					1000				
PCB-1242 Peak 6	BNB	Ave	11663511					1000				
PCB-1242 Peak 7	BNB	Ave	18662346					1000				
PCB-1242 Peak 8	BNB	Ave	27407770					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008260.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 12:50:17 ALS Bottle#: 14 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-010
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub4

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:20 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:55:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.702	1.702	0.000	21712865	20.0	20.0	
2	1.411	1.411	0.000	16366395	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	3.293	3.293	0.000	13963053	1000.0	1000.0	
1	3.800	3.800	0.000	28840131	1000.0	1000.0	
1	4.373	4.373	0.000	56955219	1000.0	1000.0	M
1	4.541	4.541	0.000	23476324	1000.0	1000.0	M
1	4.668	4.668	0.000	13897097	1000.0	1000.0	M
1	5.282	5.282	0.000	20386236	1000.0	1000.0	M
1	5.617	5.617	0.000	17533788	1000.0	1000.0	M
1	5.674	5.674	0.000	20719022	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.441	2.441	0.000	10500775	1000.0	1000.0	M
2	2.820	2.820	0.000	21302012	1000.0	1000.0	M
2	3.040	3.040	0.000	14389764	1000.0	1000.0	M
2	3.335	3.335	0.000	44201280	1000.0	1000.0	M
2	3.484	3.484	0.000	18321375	1000.0	1000.0	M
2	3.553	3.553	0.000	11663511	1000.0	1000.0	M
2	3.955	3.955	0.000	18662346	1000.0	1000.0	M
2	4.477	4.477	0.000	27407770	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1242L4_00031	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:21 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008260.D

Injection Date: 07-Jan-2021 12:50:17 Instrument ID: CPESTGC13 Operator ID:

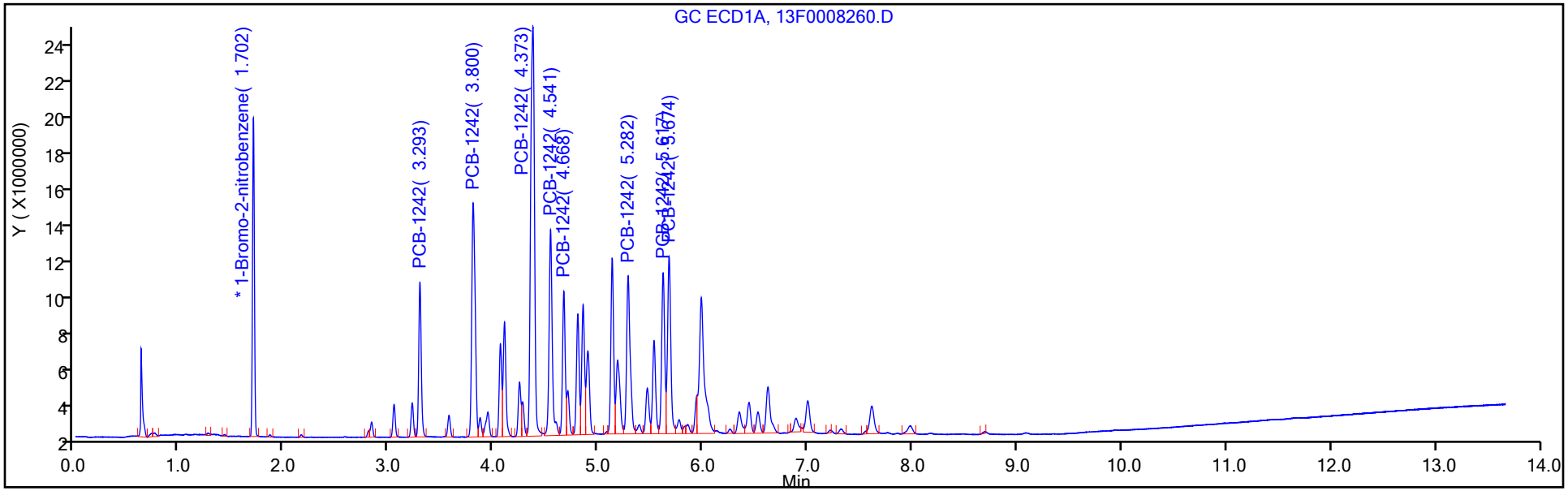
Lims ID: IC 1242 Worklist Smp#: 10

Client ID:

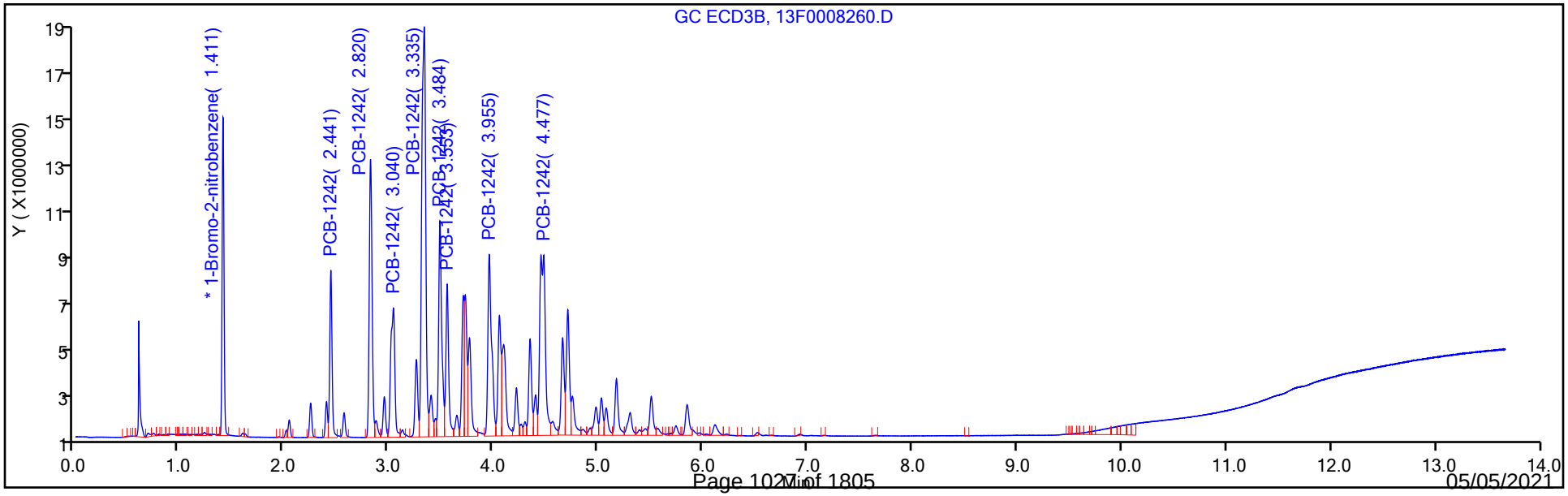
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 14

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 15:00:21 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008260.D

Injection Date: 07-Jan-2021 12:50:17 Instrument ID: CPESTGC13

Lims ID: IC 1242

Client ID:

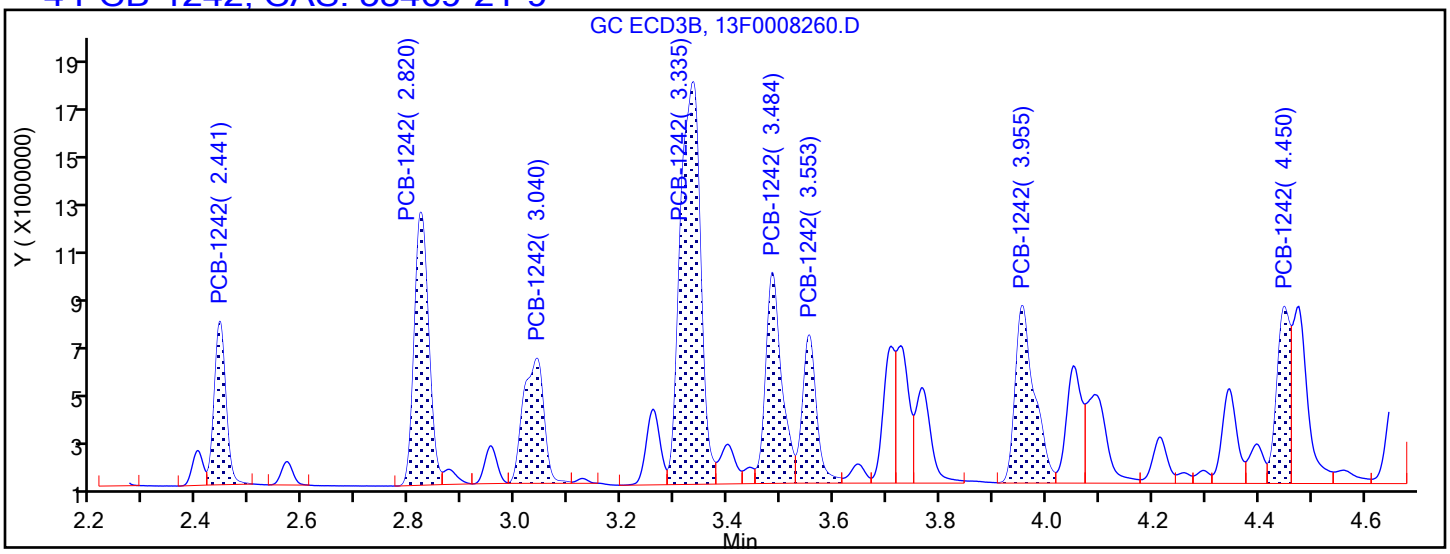
Operator ID: ALS Bottle#: 14 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

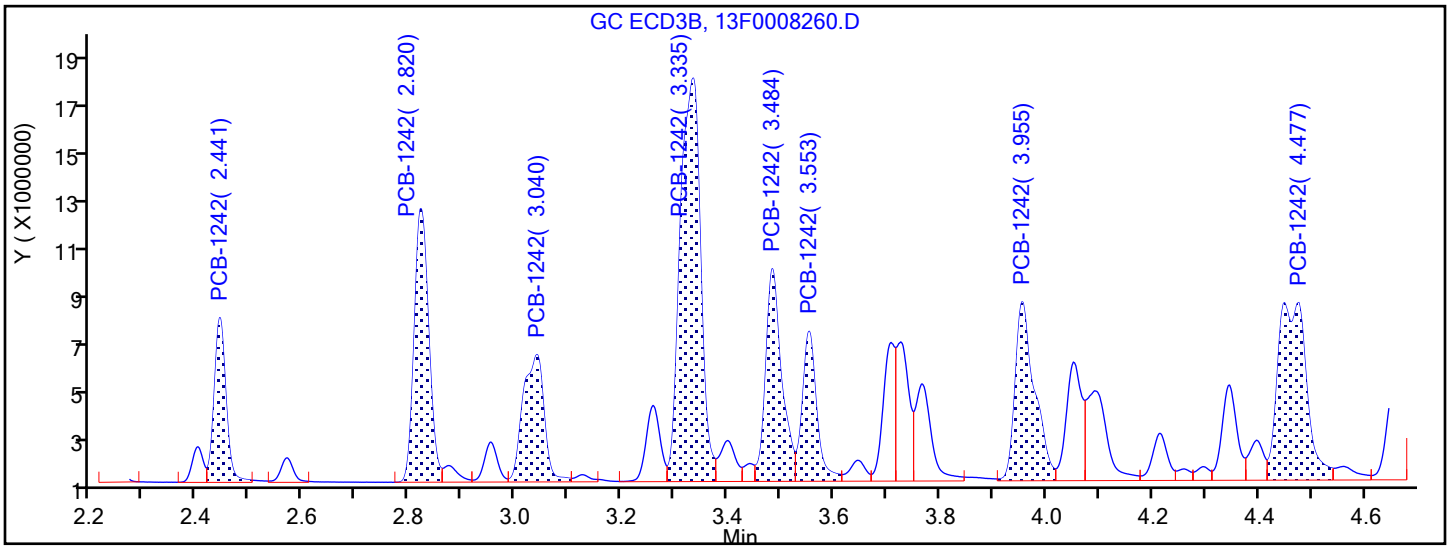
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.441	Response = 10168541
2.820	Response = 21159809
3.040	Response = 13696159
3.335	Response = 43987240
3.484	Response = 17988425
3.553	Response = 11257731
3.955	Response = 18269211
4.450	Response = 12665362



Manual Integration Results

2.441	Response = 10500775	M
2.820	Response = 21302012	M
3.040	Response = 14389764	M
3.335	Response = 44201280	M
3.484	Response = 18321375	M
3.553	Response = 11663511	M

Calibration / PCB-1242 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

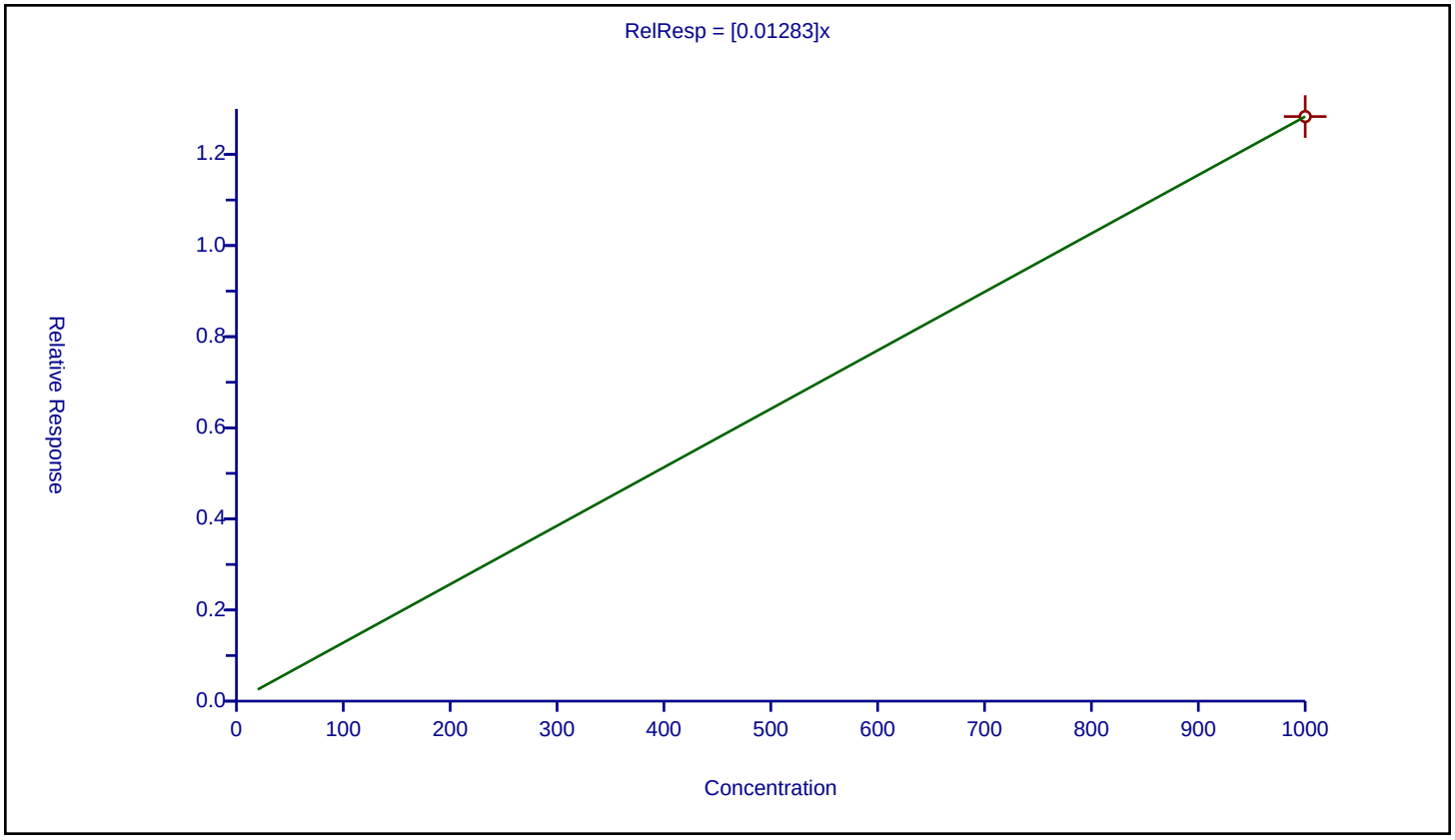
Curve Coefficients

Intercept:	0
Slope:	0.01283

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	12.832117	20.0	16366395.0	0.012832	Y



Calibration / PCB-1242 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

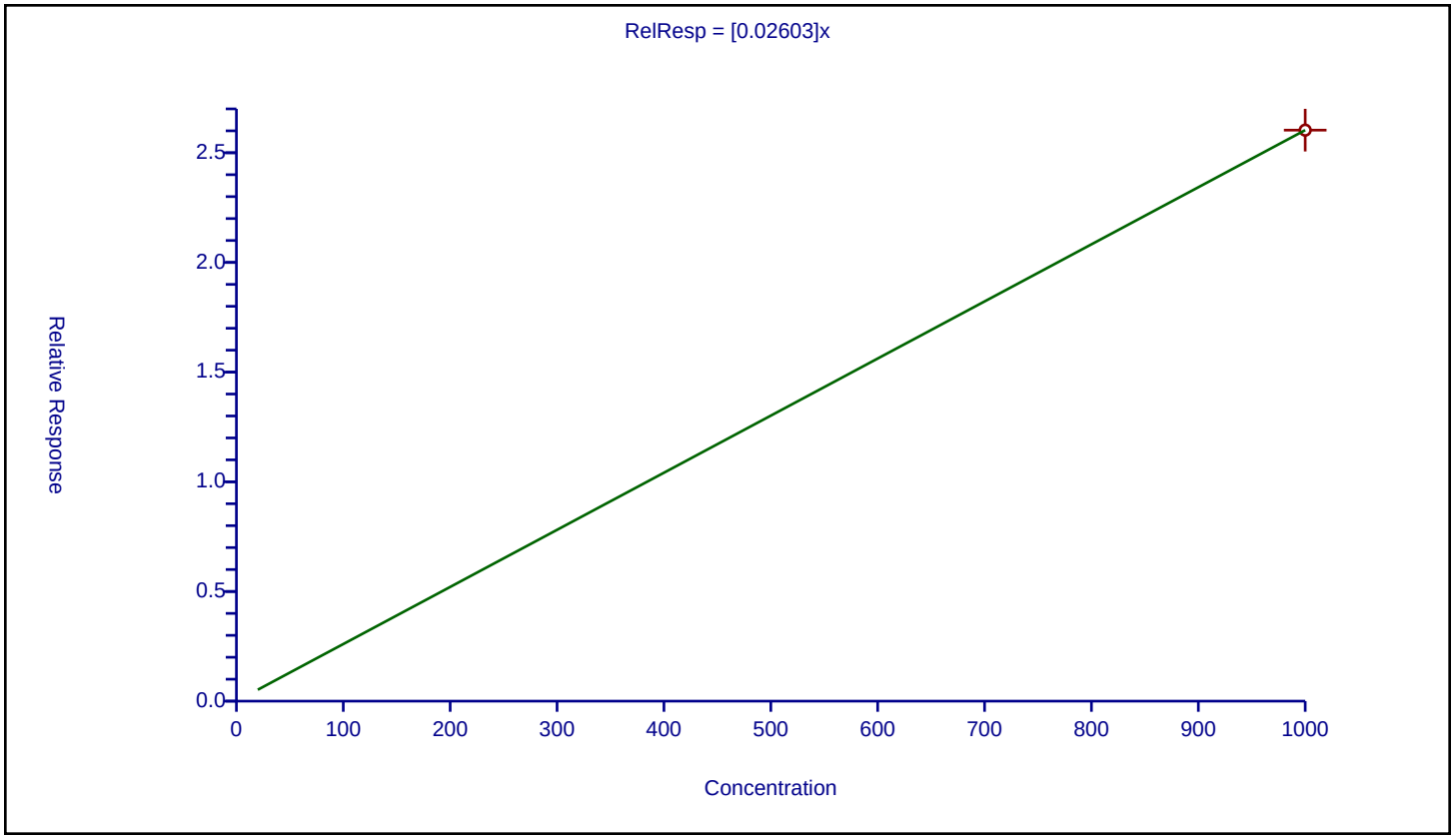
Curve Coefficients

Intercept:	0
Slope:	0.02603

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	26.031404	20.0	16366395.0	0.026031	Y



Calibration / PCB-1242 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

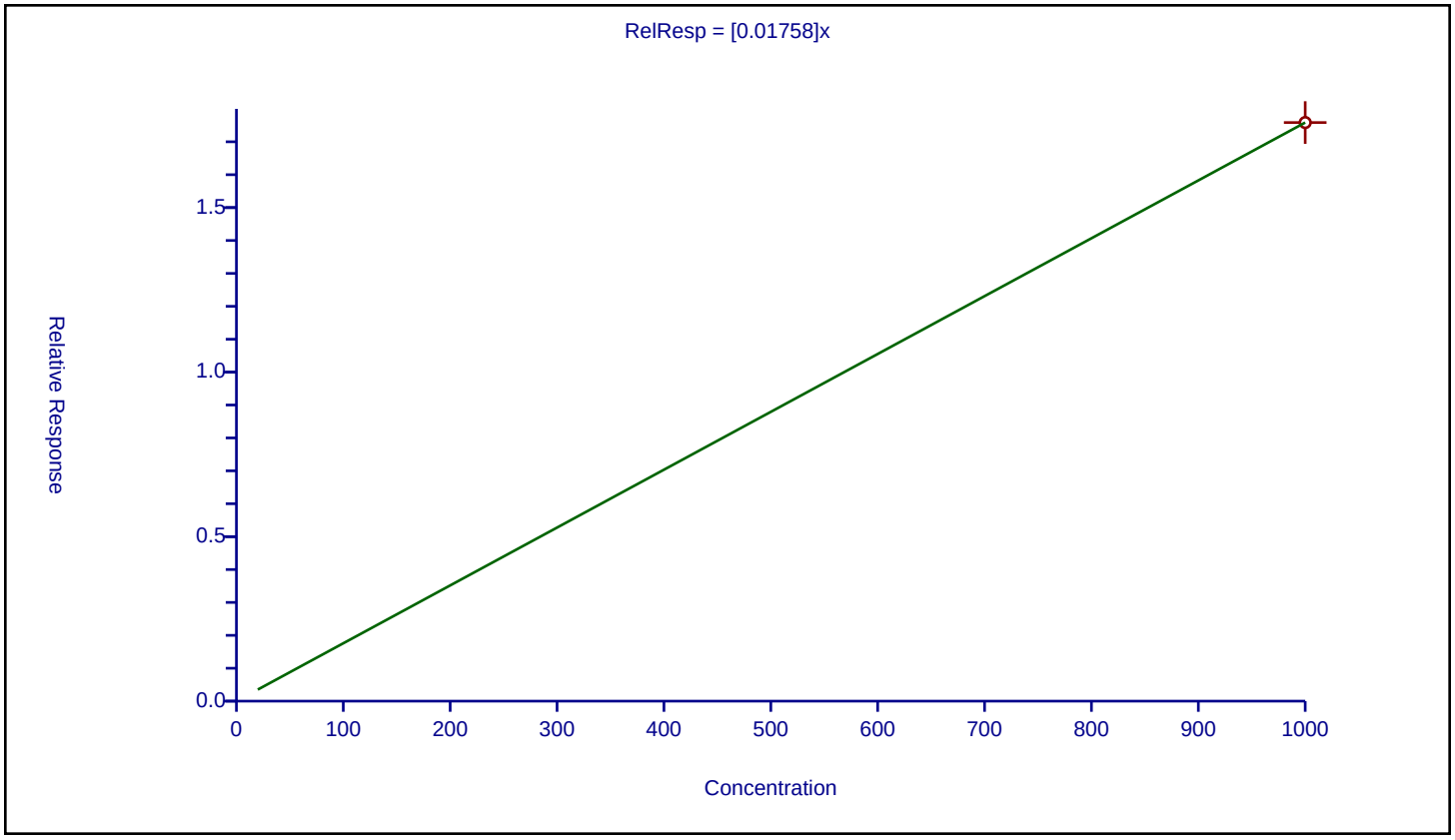
Curve Coefficients

Intercept:	0
Slope:	0.01758

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	17.584525	20.0	16366395.0	0.017585	Y



Calibration / PCB-1242 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

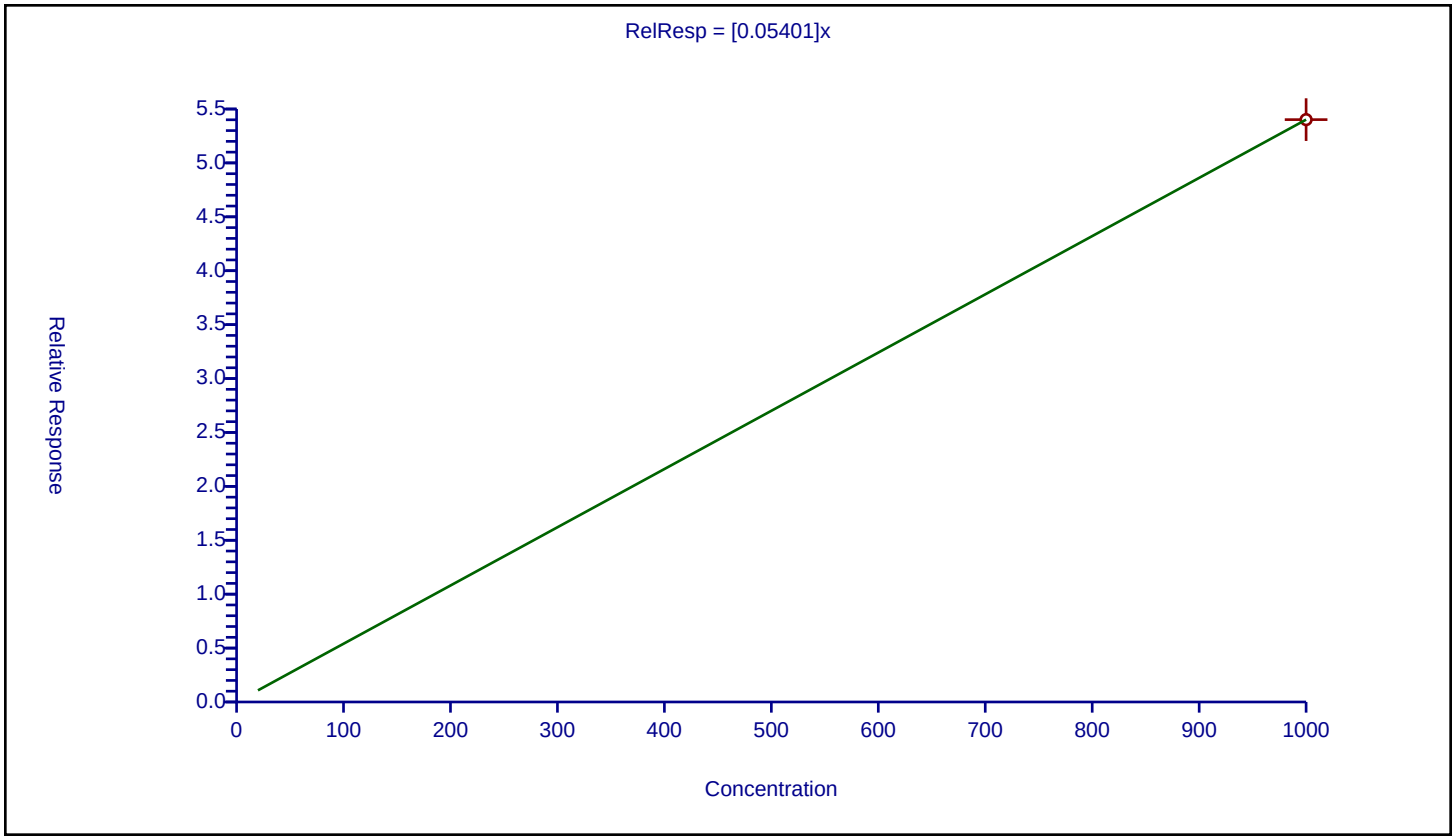
Curve Coefficients

Intercept:	0
Slope:	0.05401

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	54.014681	20.0	16366395.0	0.054015	Y



Calibration / PCB-1242 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

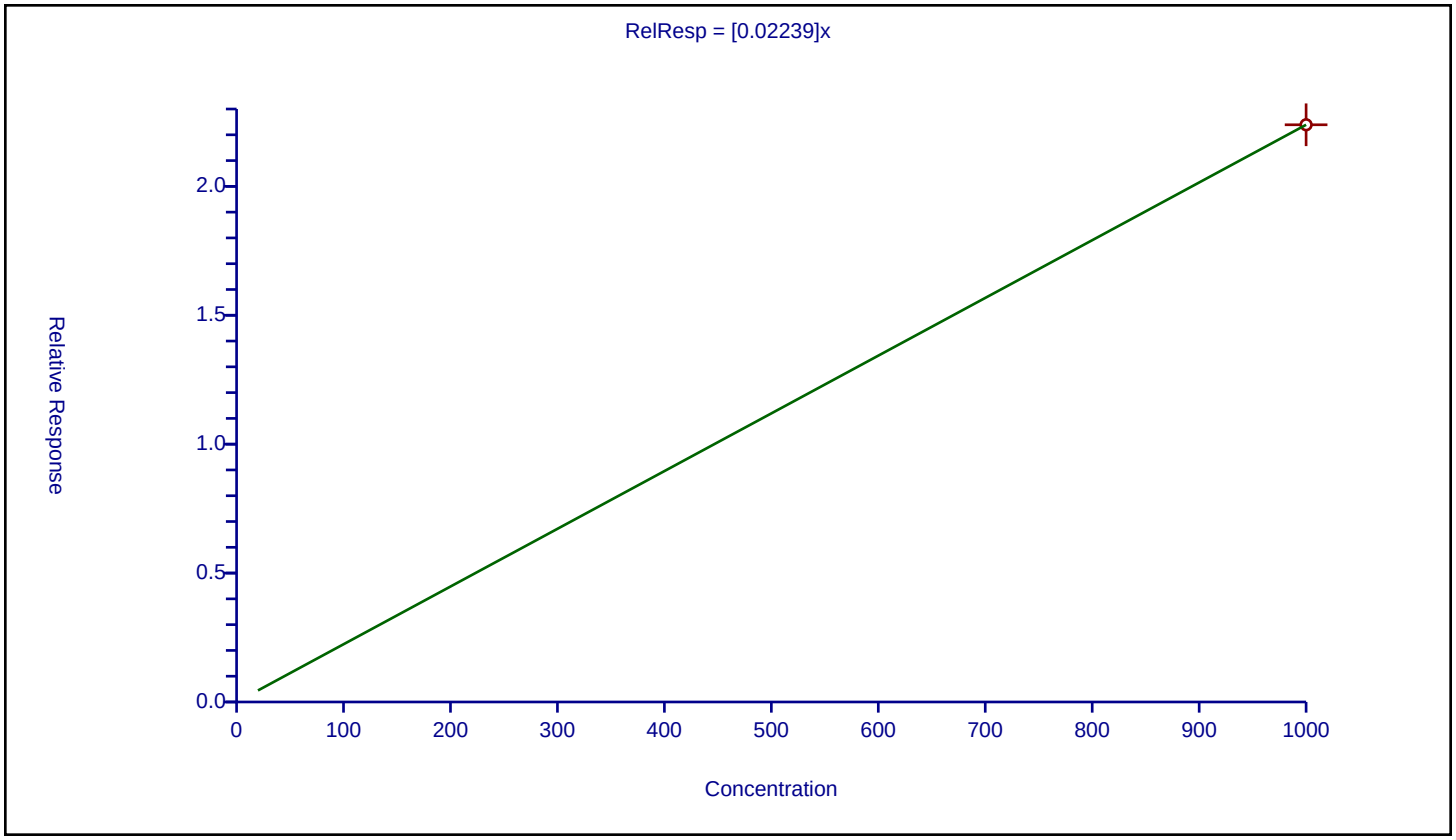
Curve Coefficients

Intercept:	0
Slope:	0.02239

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	22.389017	20.0	16366395.0	0.022389	Y



Calibration / PCB-1242 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

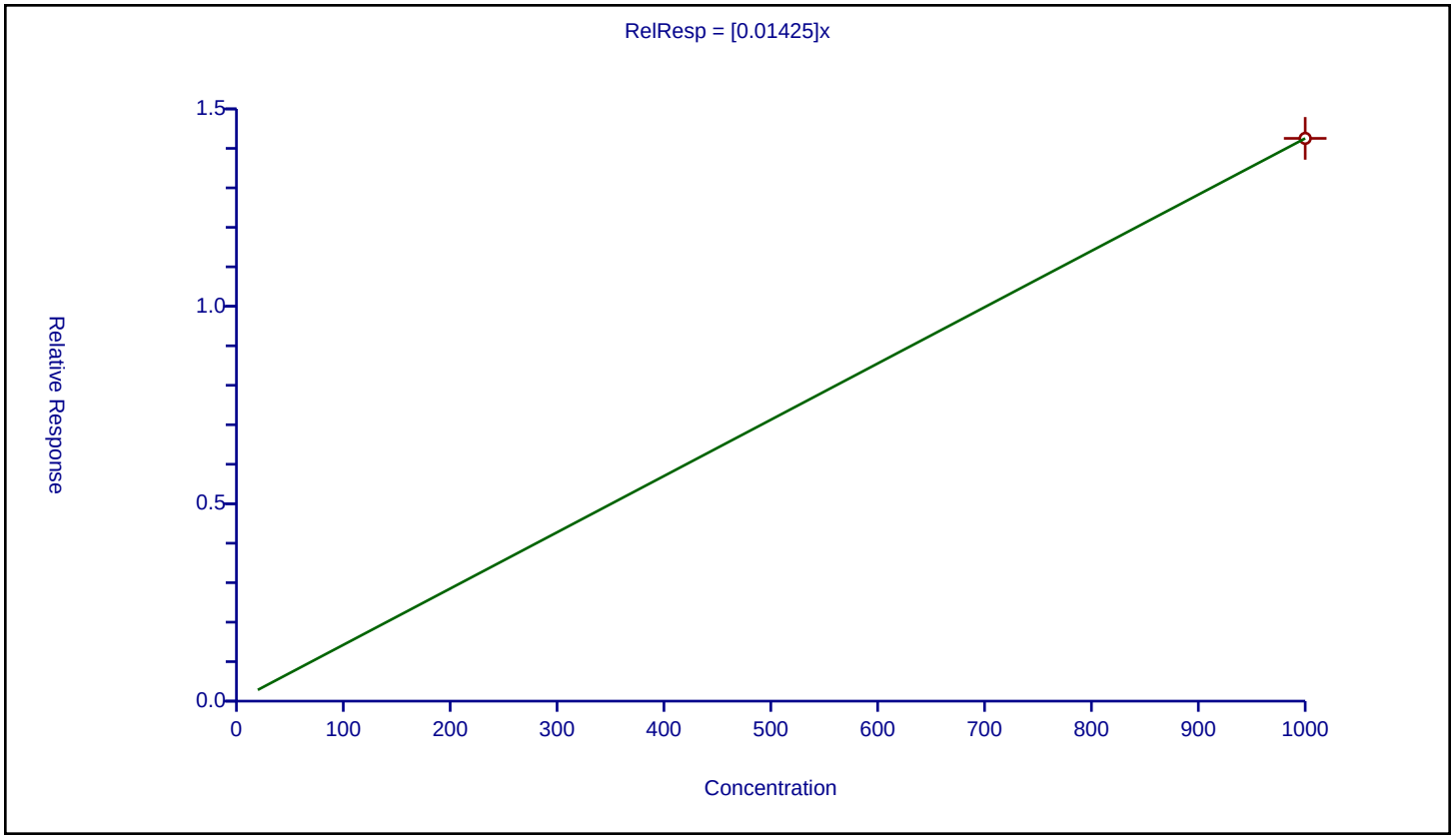
Curve Coefficients

Intercept:	0
Slope:	0.01425

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	14.253	20.0	16366395.0	0.014253	Y



Calibration / PCB-1242 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

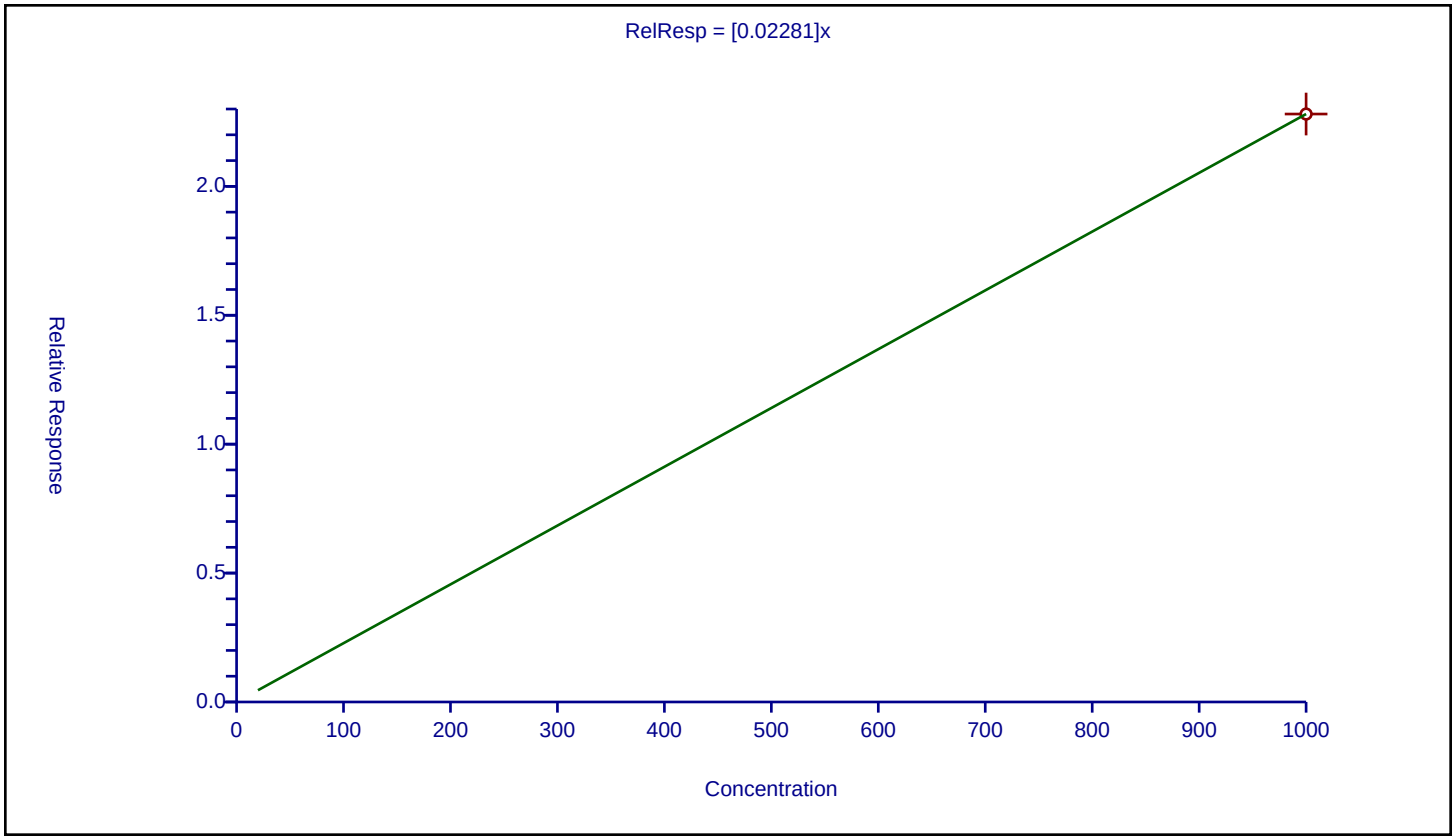
Curve Coefficients

Intercept:	0
Slope:	0.02281

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	22.805689	20.0	16366395.0	0.022806	Y



Calibration / PCB-1242 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

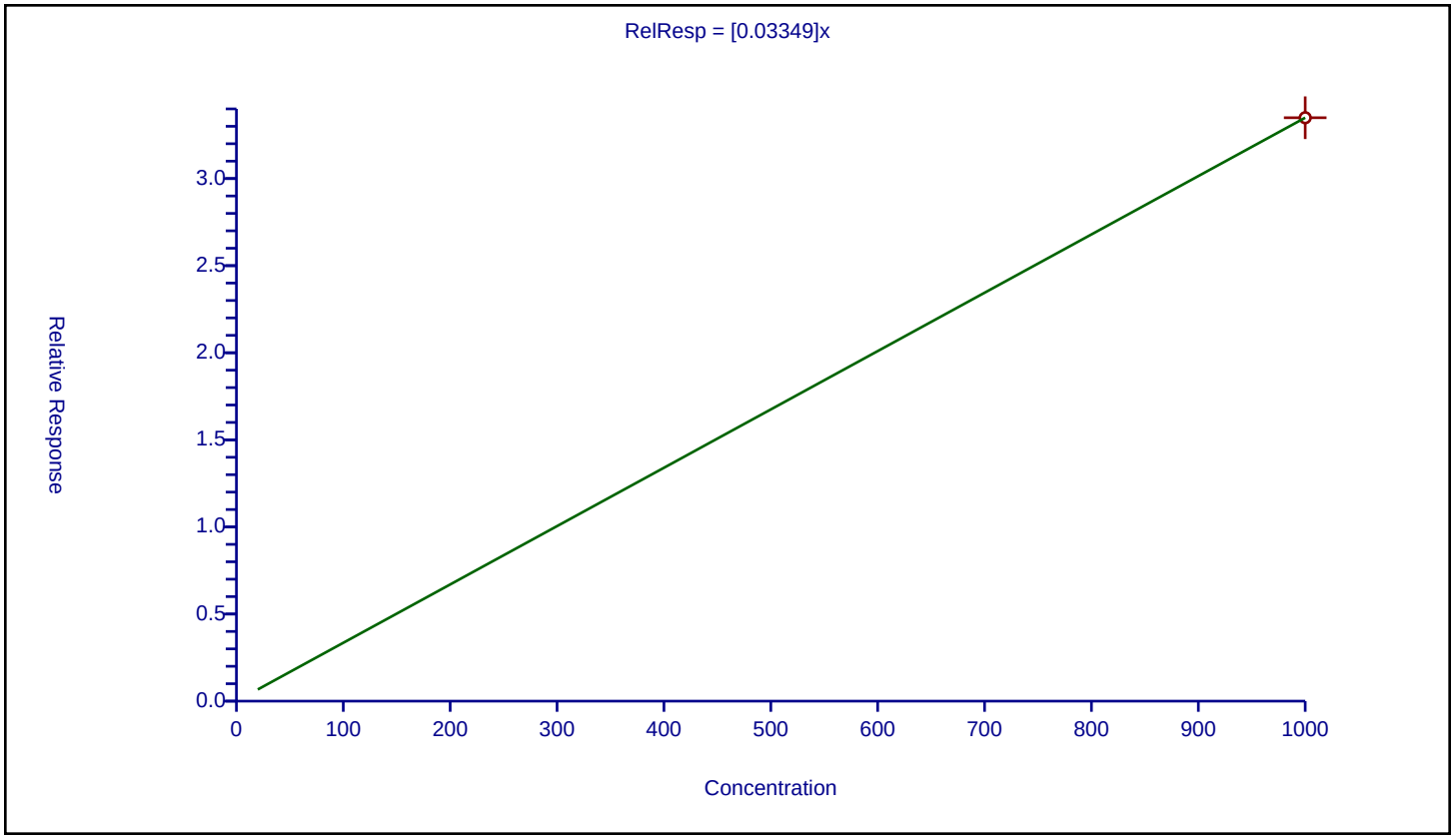
Curve Coefficients

Intercept:	0
Slope:	0.03349

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/10	1000.0	33.492739	20.0	16366395.0	0.033493	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:06 Calibration End Date: 01/07/2021 13:06 Calibration ID: 83362

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/11	13F0008261.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0132					Ave		0.0132						20.0			
PCB-1248 Peak 2	0.0321					Ave		0.0321						20.0			
PCB-1248 Peak 3	0.0187					Ave		0.0187						20.0			
PCB-1248 Peak 4	0.0167					Ave		0.0167						20.0			
PCB-1248 Peak 5	0.0259					Ave		0.0259						20.0			
PCB-1248 Peak 6	0.0268					Ave		0.0268						20.0			
PCB-1248 Peak 7	0.0312					Ave		0.0312						20.0			
PCB-1248 Peak 8	0.0165					Ave		0.0165						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:06 Calibration End Date: 01/07/2021 13:06 Calibration ID: 83362

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/11	13F0008261.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	14934166					1000				
PCB-1248 Peak 2	BNB	Ave	36239142					1000				
PCB-1248 Peak 3	BNB	Ave	21041441					1000				
PCB-1248 Peak 4	BNB	Ave	18798639					1000				
PCB-1248 Peak 5	BNB	Ave	29150231					1000				
PCB-1248 Peak 6	BNB	Ave	30263427					1000				
PCB-1248 Peak 7	BNB	Ave	35182974					1000				
PCB-1248 Peak 8	BNB	Ave	18597987					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008261.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 13:06:06 ALS Bottle#: 15 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-011
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:25 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:55:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.702	1.702	0.000	22552645	20.0	20.0	
2	1.412	1.412	0.000	16848381	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							M
1	3.801	3.801	0.000	14934166	1000.0	1000.0	
1	4.366	4.366	0.000	36239142	1000.0	1000.0	M
1	4.801	4.801	0.000	21041441	1000.0	1000.0	M
1	4.852	4.852	0.000	18798639	1000.0	1000.0	M
1	5.282	5.282	0.000	29150231	1000.0	1000.0	M
1	5.616	5.616	0.000	30263427	1000.0	1000.0	M
1	5.672	5.672	0.000	35182974	1000.0	1000.0	M
1	6.617	6.617	0.000	18597987	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.820	2.820	0.000	11231359	1000.0	1000.0	M
2	3.333	3.333	0.000	27468804	1000.0	1000.0	M
2	3.707	3.707	0.000	28824073	1000.0	1000.0	M
2	4.051	4.051	0.000	15882281	1000.0	1000.0	M
2	4.451	4.451	0.000	23724414	1000.0	1000.0	M
2	4.707	4.707	0.000	18916014	1000.0	1000.0	M
2	5.170	5.170	0.000	12686710	1000.0	1000.0	M
2	5.846	5.846	0.000	7304952	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1248L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:25 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008261.D

Injection Date: 07-Jan-2021 13:06:06 Instrument ID: CPESTGC13 Operator ID:

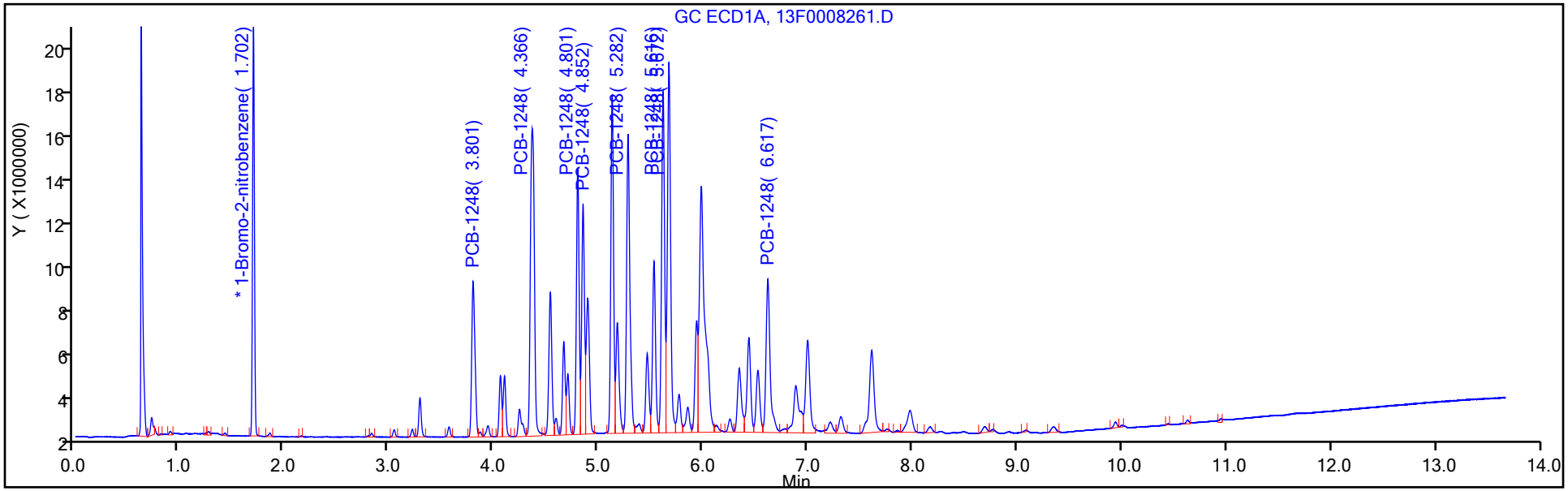
Lims ID: IC 1248 Worklist Smp#: 11

Client ID:

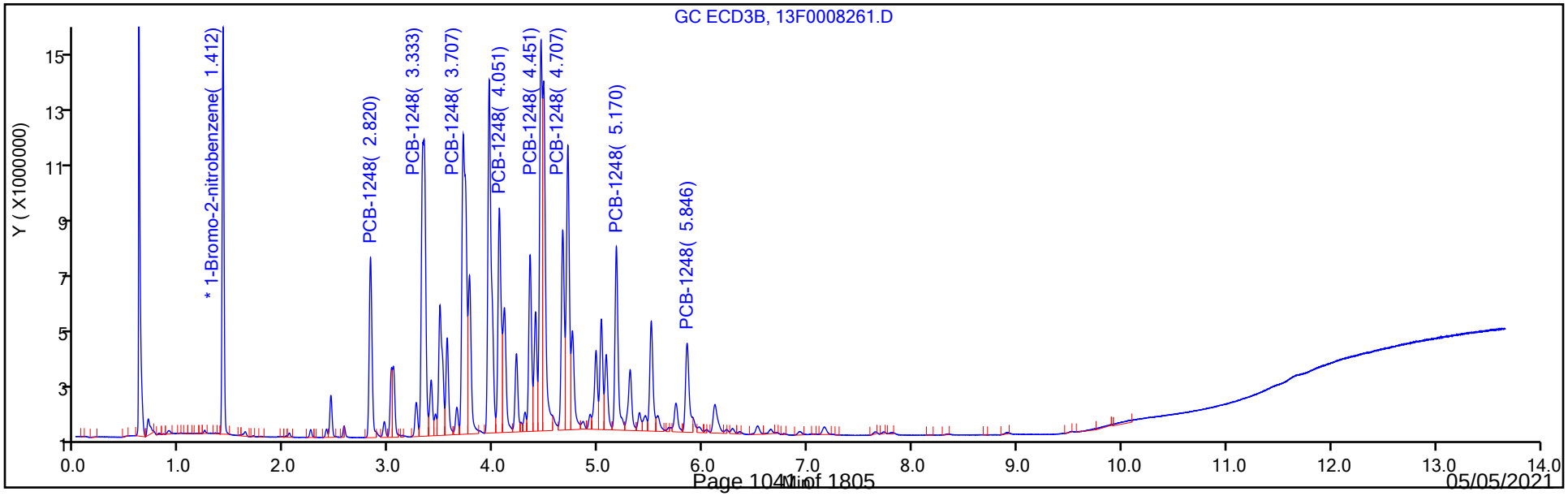
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 15:00:26 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008261.D

Injection Date: 07-Jan-2021 13:06:06 Instrument ID: CPESTGC13

Lims ID: IC 1248

Client ID:

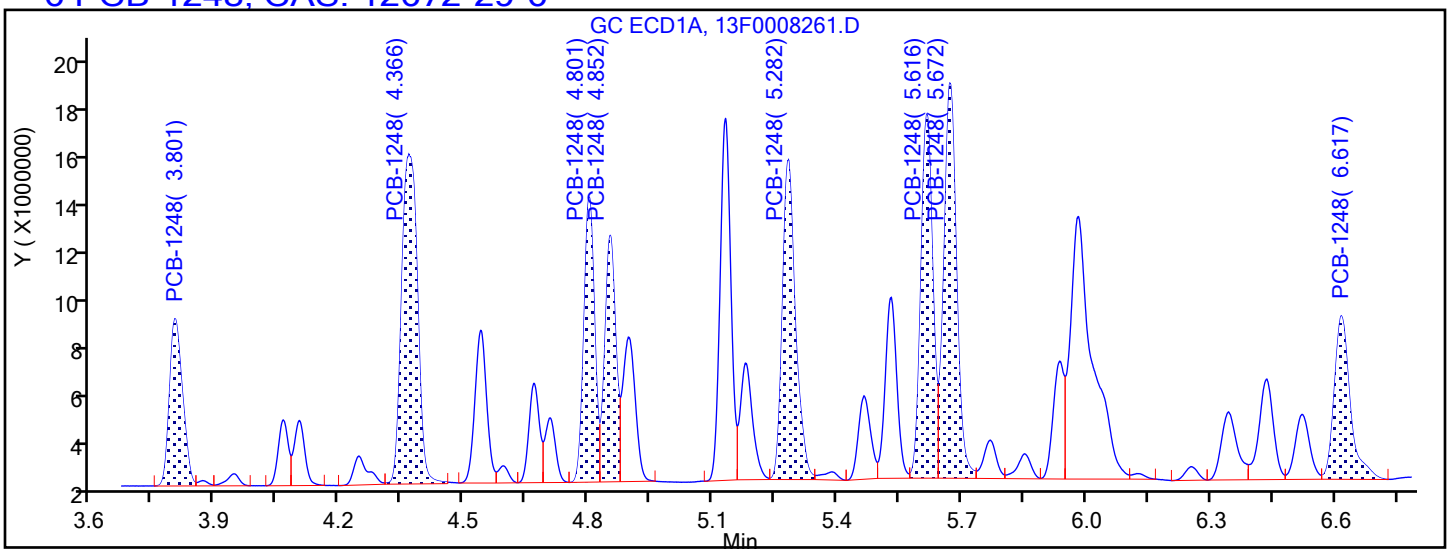
Operator ID: ALS Bottle#: 15 Worklist Smp#: 11

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

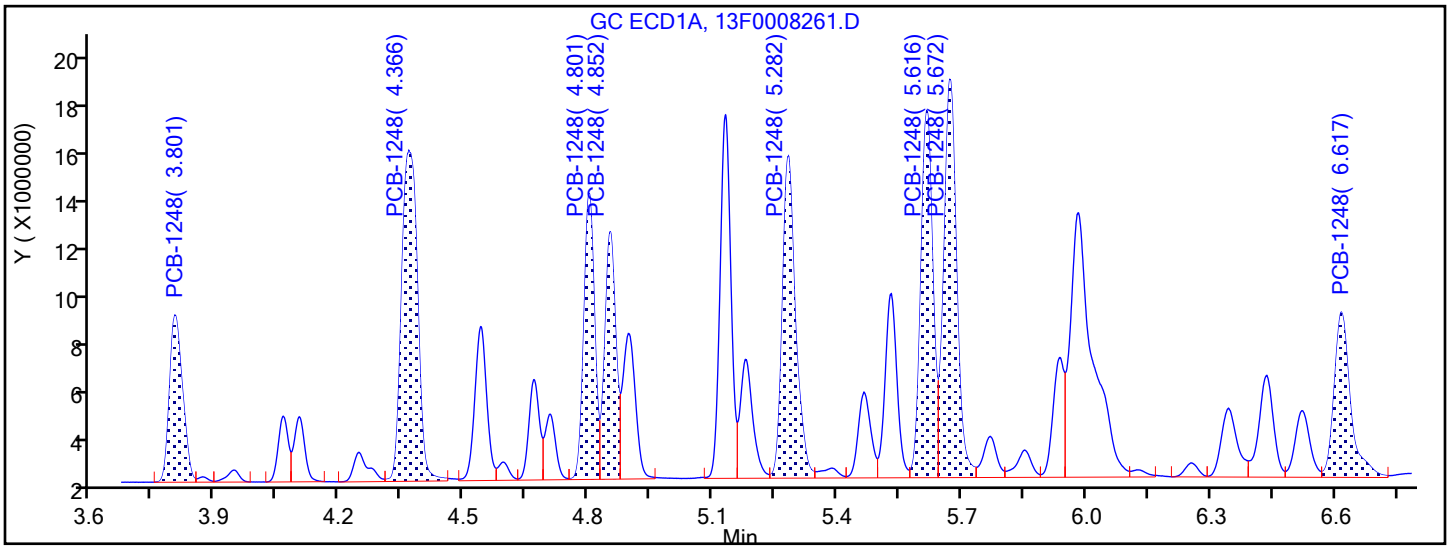
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

3.801	Response = 14934166
4.366	Response = 35852076
4.801	Response = 20859258
4.852	Response = 18662308
5.282	Response = 28527724
5.616	Response = 29707817
5.672	Response = 34493827
6.617	Response = 17893144



Manual Integration Results

3.801	Response = 14934166	
4.366	Response = 36239142	M
4.801	Response = 21041441	M
4.852	Response = 18798639	M
5.282	Response = 29150231	M
5.616	Response = 30263427	M

Calibration / PCB-1248 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

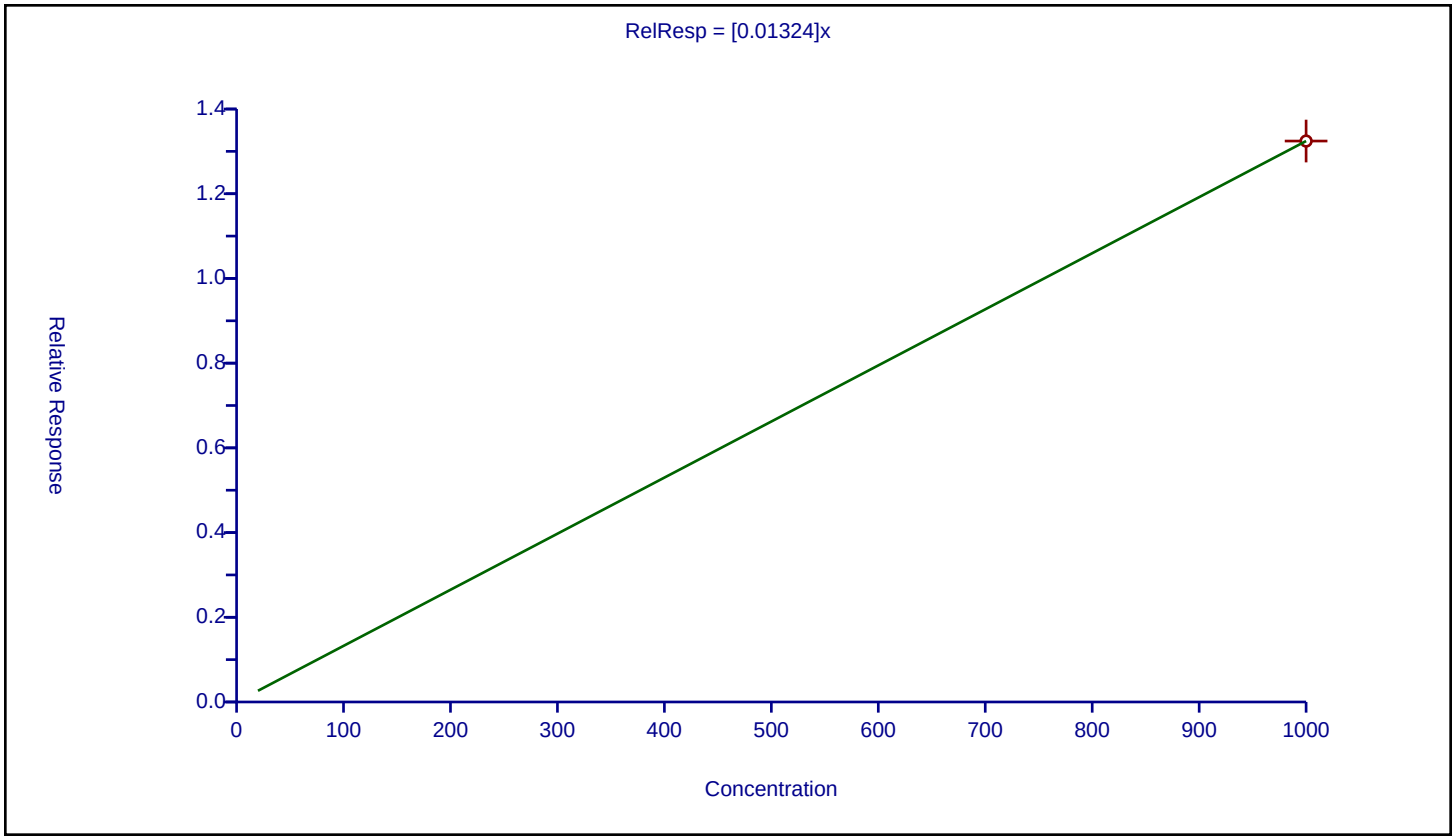
Curve Coefficients

Intercept:	0
Slope:	0.01324

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	13.243827	20.0	22552645.0	0.013244	Y



Calibration / PCB-1248 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

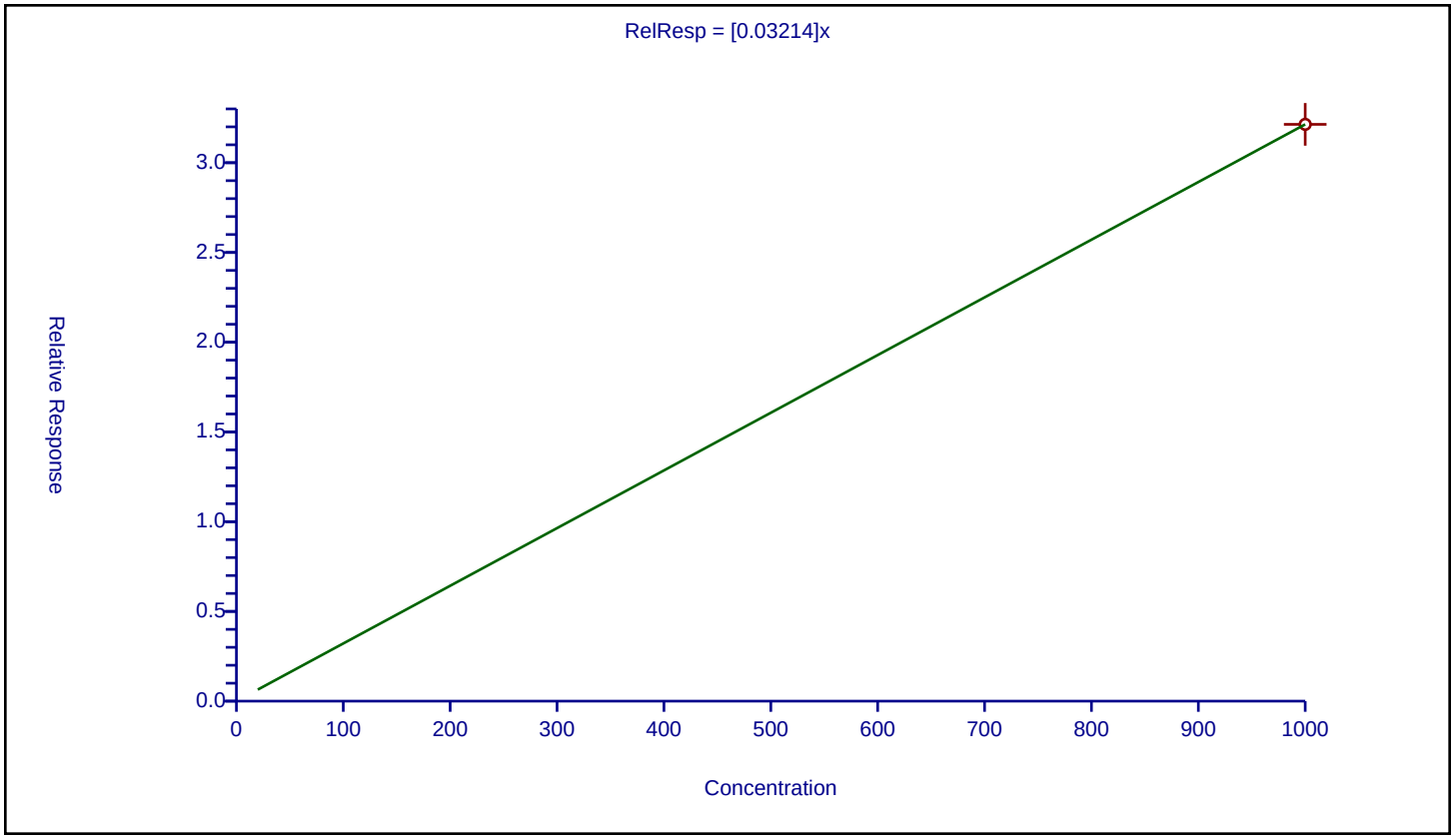
Curve Coefficients

Intercept:	0
Slope:	0.03214

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	32.137376	20.0	22552645.0	0.032137	Y



Calibration / PCB-1248 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

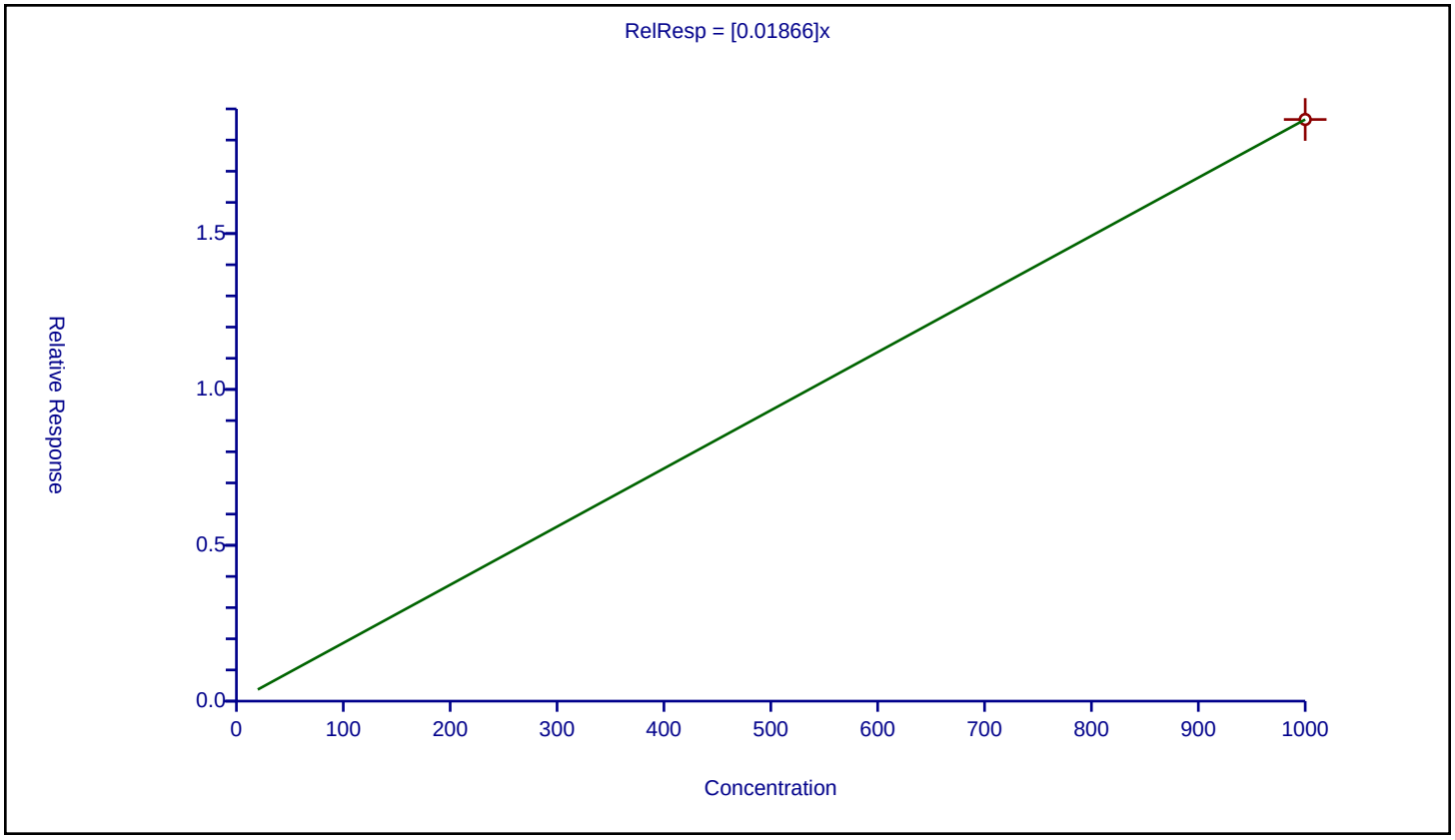
Curve Coefficients

Intercept:	0
Slope:	0.01866

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	18.659843	20.0	22552645.0	0.01866	Y



Calibration / PCB-1248 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

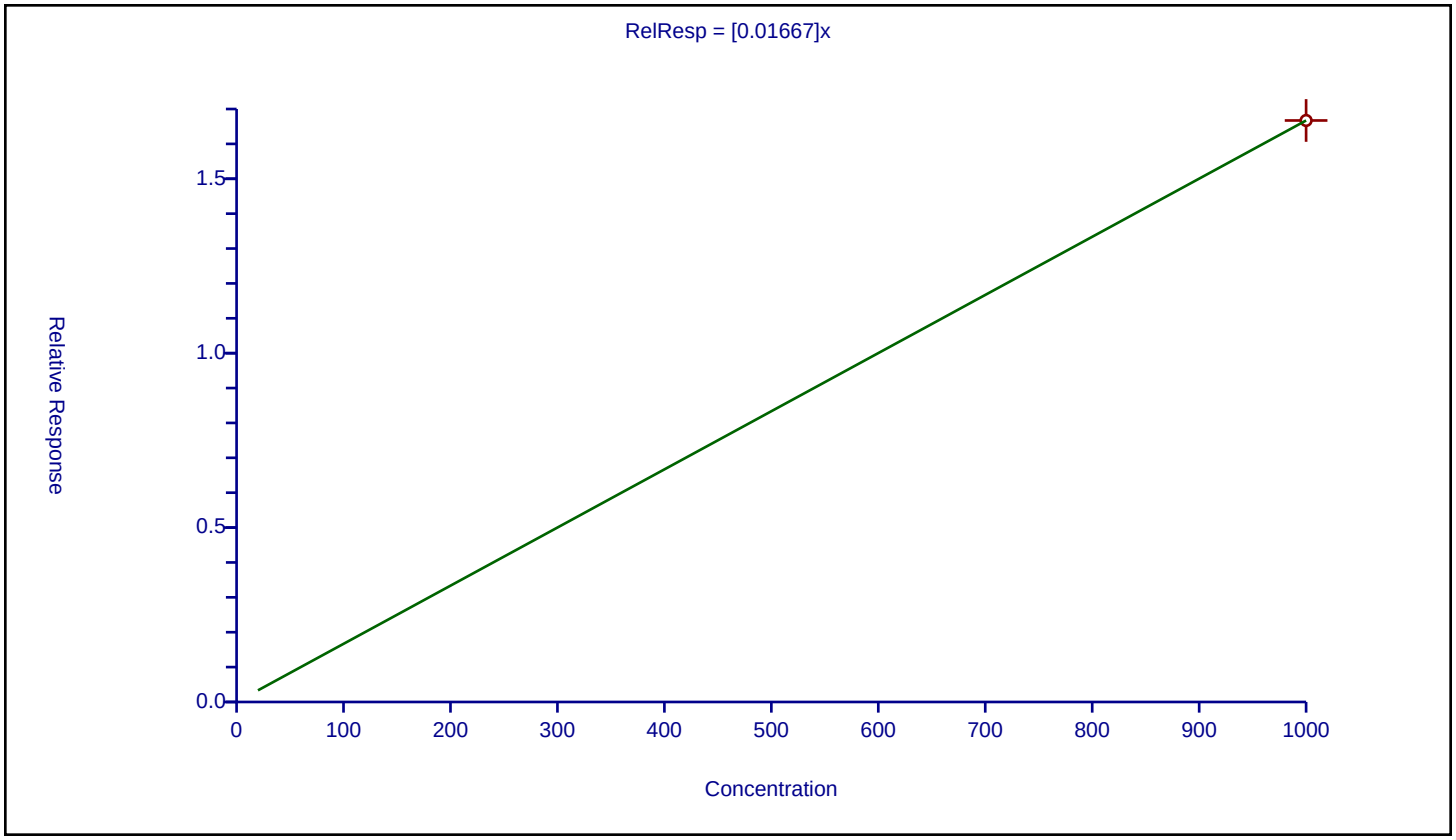
Curve Coefficients

Intercept:	0
Slope:	0.01667

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	16.670895	20.0	22552645.0	0.016671	Y



Calibration / PCB-1248 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

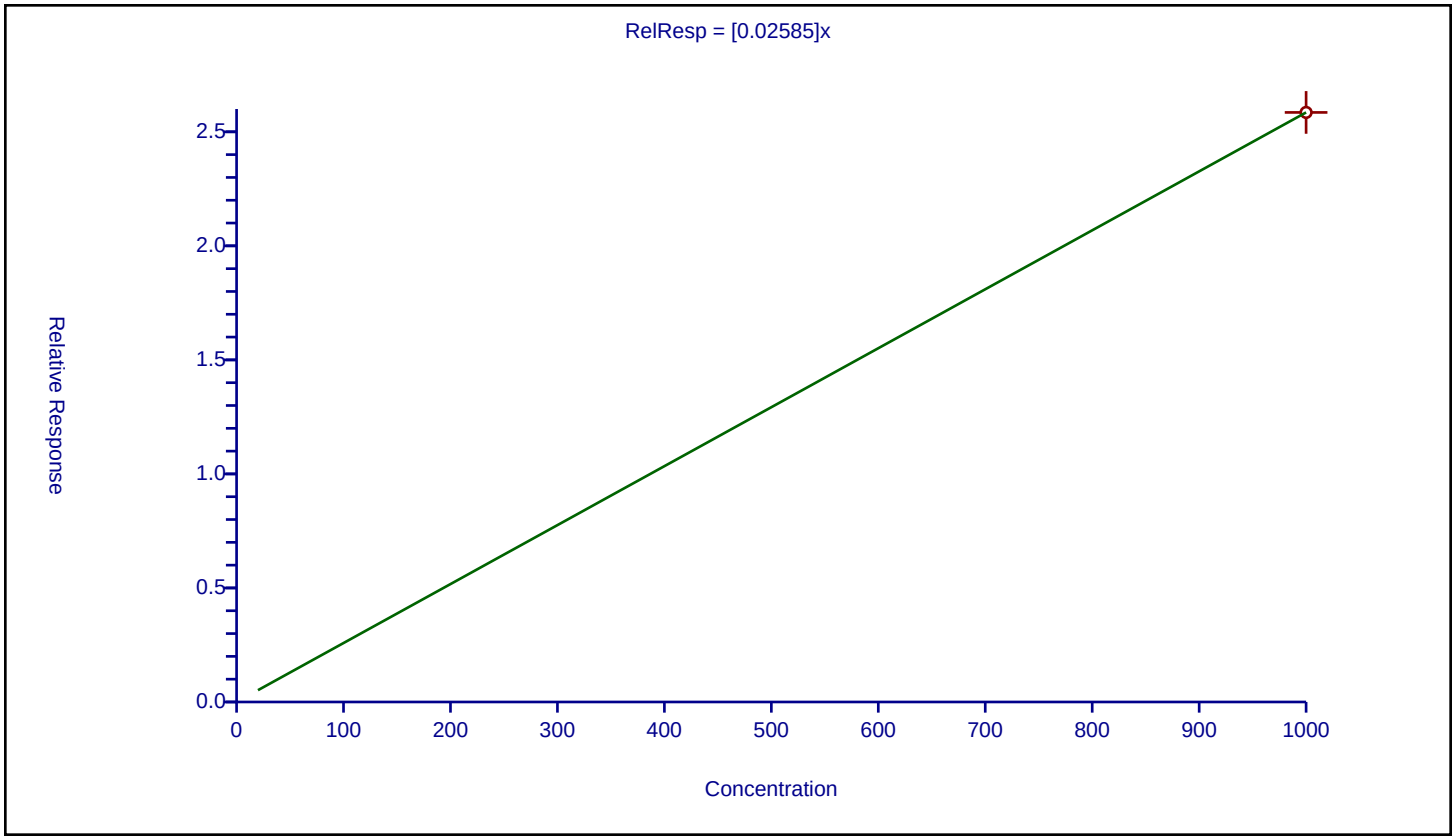
Curve Coefficients

Intercept:	0
Slope:	0.02585

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	25.850831	20.0	22552645.0	0.025851	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

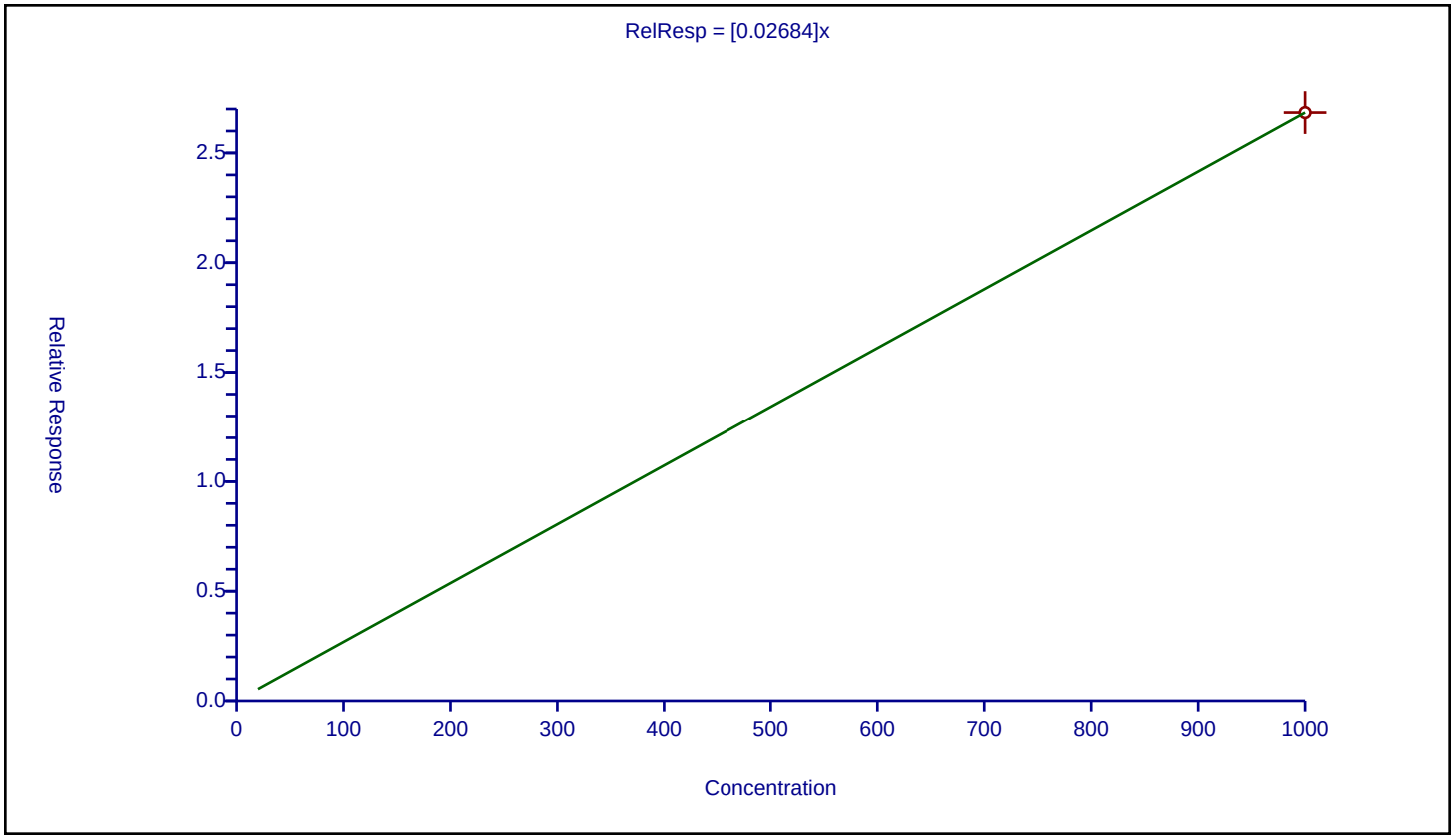
Curve Coefficients

Intercept:	0
Slope:	0.02684

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	26.838029	20.0	22552645.0	0.026838	Y



Calibration / PCB-1248 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

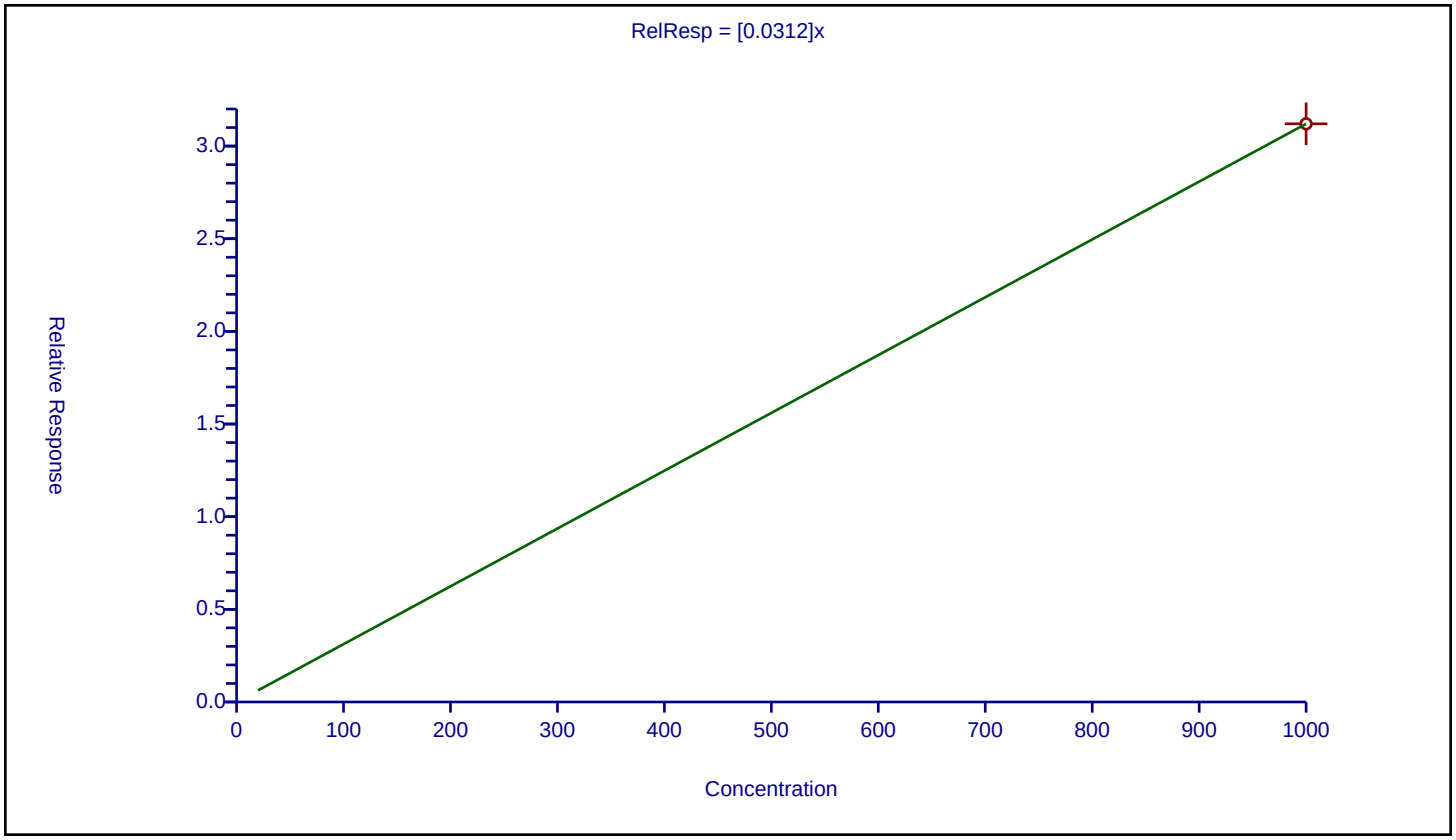
Curve Coefficients

Intercept:	0
Slope:	0.0312

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	1.00

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	31.200752	20.0	22552645.0	0.031201	Y



Calibration / PCB-1248 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

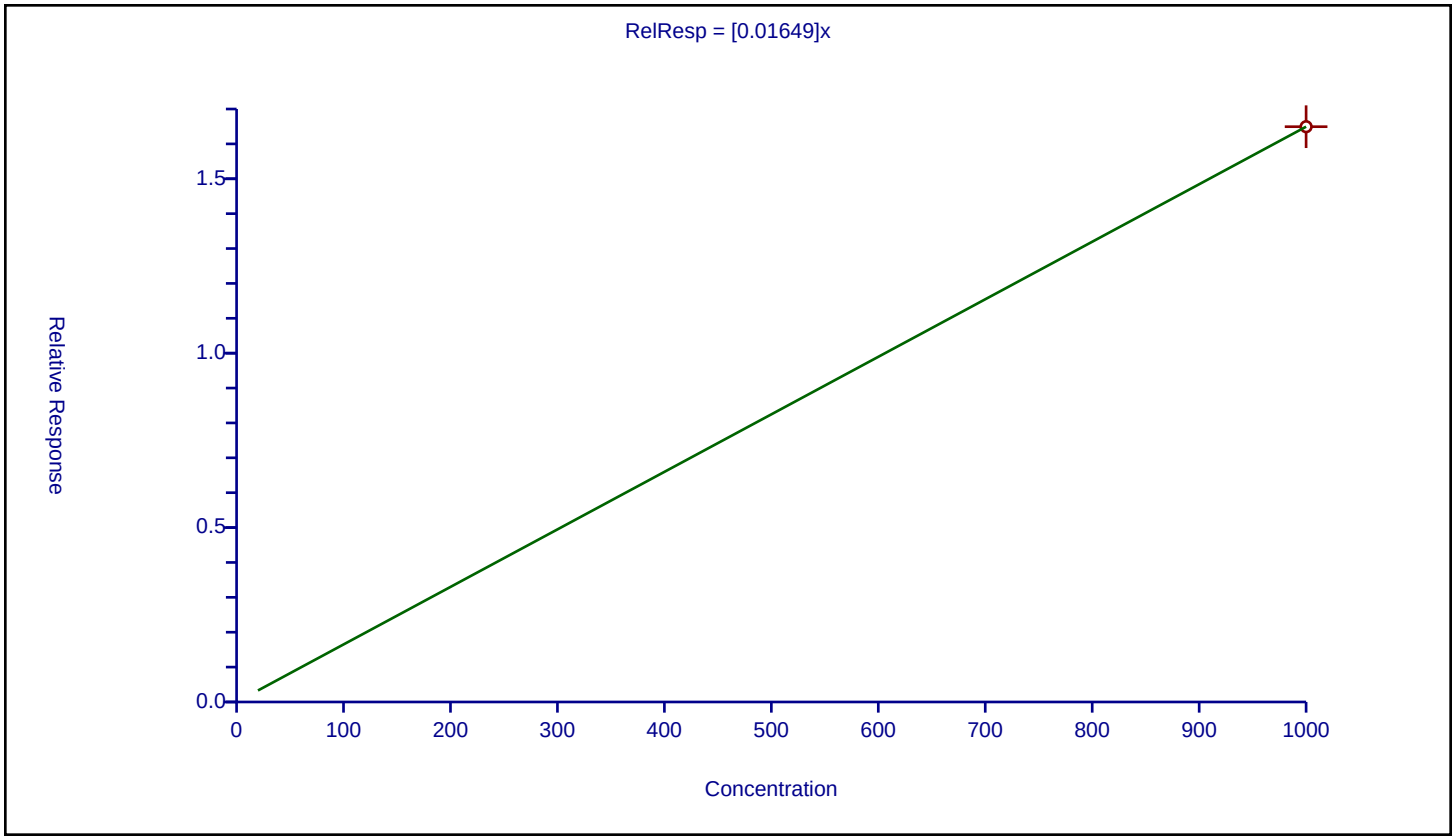
Curve Coefficients

Intercept:	0
Slope:	0.01649

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	16.492954	20.0	22552645.0	0.016493	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:06 Calibration End Date: 01/07/2021 13:06 Calibration ID: 83363

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/11	13F0008261.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0133					Ave		0.0133						20.0			
PCB-1248 Peak 2	0.0326					Ave		0.0326						20.0			
PCB-1248 Peak 3	0.0342					Ave		0.0342						20.0			
PCB-1248 Peak 4	0.0189					Ave		0.0189						20.0			
PCB-1248 Peak 5	0.0282					Ave		0.0282						20.0			
PCB-1248 Peak 6	0.0225					Ave		0.0225						20.0			
PCB-1248 Peak 7	0.0151					Ave		0.0151						20.0			
PCB-1248 Peak 8	0.0087					Ave		0.0087						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:06 Calibration End Date: 01/07/2021 13:06 Calibration ID: 83363

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/11	13F0008261.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	11231359					1000				
PCB-1248 Peak 2	BNB	Ave	27468804					1000				
PCB-1248 Peak 3	BNB	Ave	28824073					1000				
PCB-1248 Peak 4	BNB	Ave	15882281					1000				
PCB-1248 Peak 5	BNB	Ave	23724414					1000				
PCB-1248 Peak 6	BNB	Ave	18916014					1000				
PCB-1248 Peak 7	BNB	Ave	12686710					1000				
PCB-1248 Peak 8	BNB	Ave	7304952					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008261.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 13:06:06 ALS Bottle#: 15 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-011
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:25 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:55:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.702	1.702	0.000	22552645	20.0	20.0	
2	1.412	1.412	0.000	16848381	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							M
1	3.801	3.801	0.000	14934166	1000.0	1000.0	
1	4.366	4.366	0.000	36239142	1000.0	1000.0	M
1	4.801	4.801	0.000	21041441	1000.0	1000.0	M
1	4.852	4.852	0.000	18798639	1000.0	1000.0	M
1	5.282	5.282	0.000	29150231	1000.0	1000.0	M
1	5.616	5.616	0.000	30263427	1000.0	1000.0	M
1	5.672	5.672	0.000	35182974	1000.0	1000.0	M
1	6.617	6.617	0.000	18597987	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.820	2.820	0.000	11231359	1000.0	1000.0	M
2	3.333	3.333	0.000	27468804	1000.0	1000.0	M
2	3.707	3.707	0.000	28824073	1000.0	1000.0	M
2	4.051	4.051	0.000	15882281	1000.0	1000.0	M
2	4.451	4.451	0.000	23724414	1000.0	1000.0	M
2	4.707	4.707	0.000	18916014	1000.0	1000.0	M
2	5.170	5.170	0.000	12686710	1000.0	1000.0	M
2	5.846	5.846	0.000	7304952	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SG1248L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:26 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008261.D

Injection Date: 07-Jan-2021 13:06:06 Instrument ID: CPESTGC13 Operator ID:

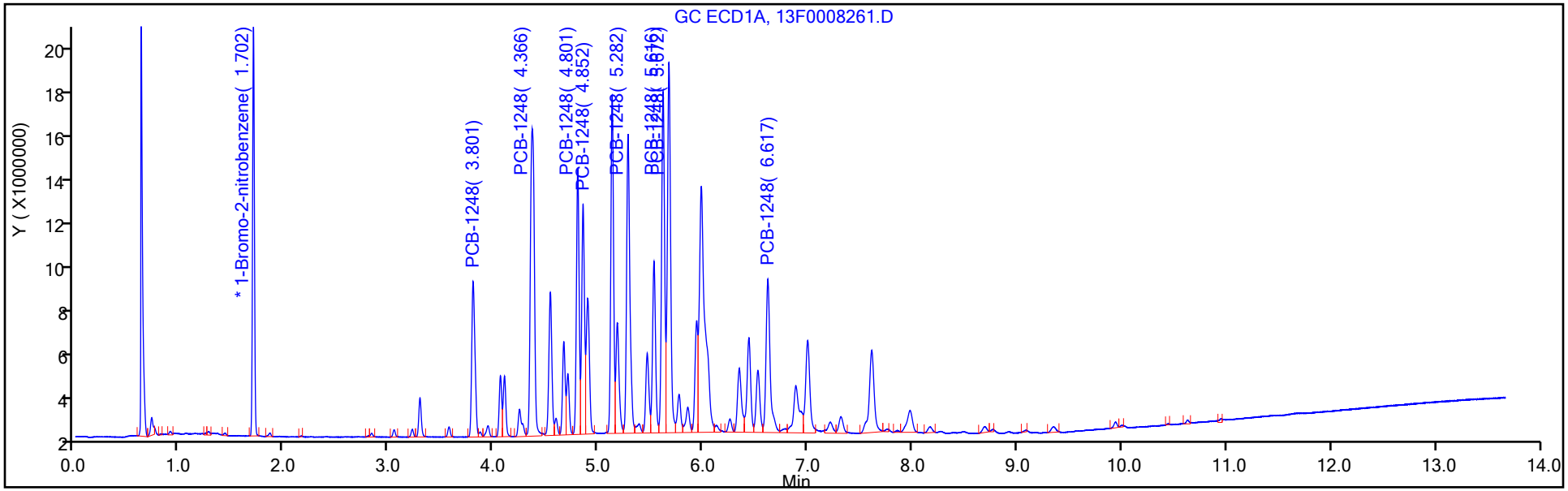
Lims ID: IC 1248 Worklist Smp#: 11

Client ID:

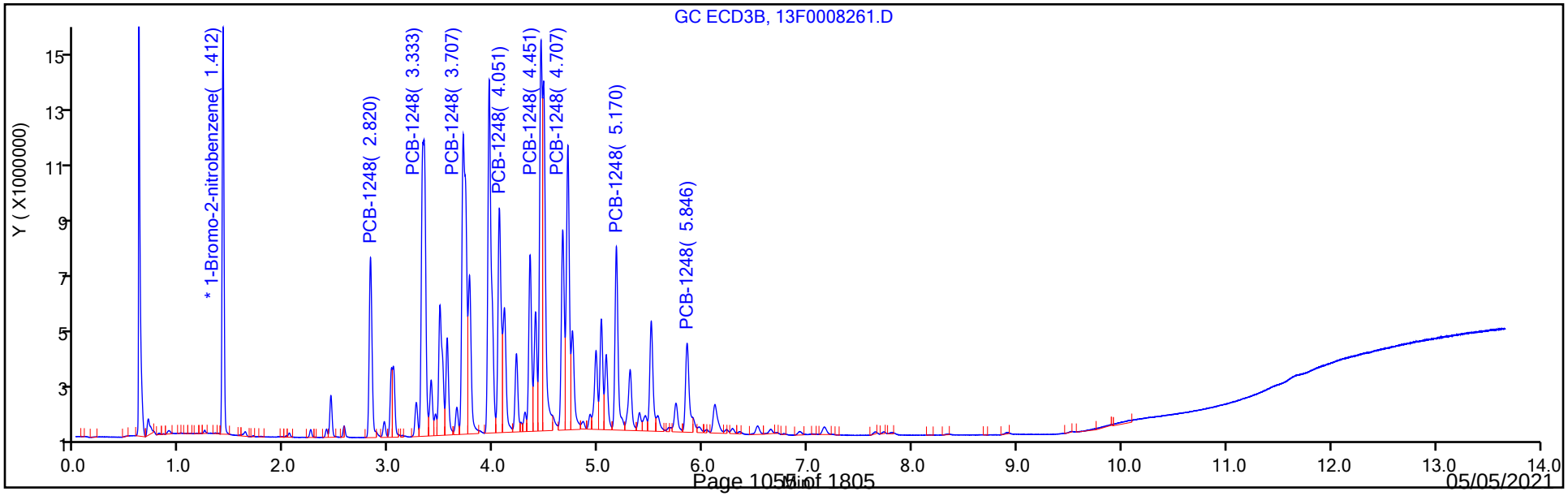
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 15:00:26 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008261.D

Injection Date: 07-Jan-2021 13:06:06 Instrument ID: CPESTGC13

Lims ID: IC 1248

Client ID:

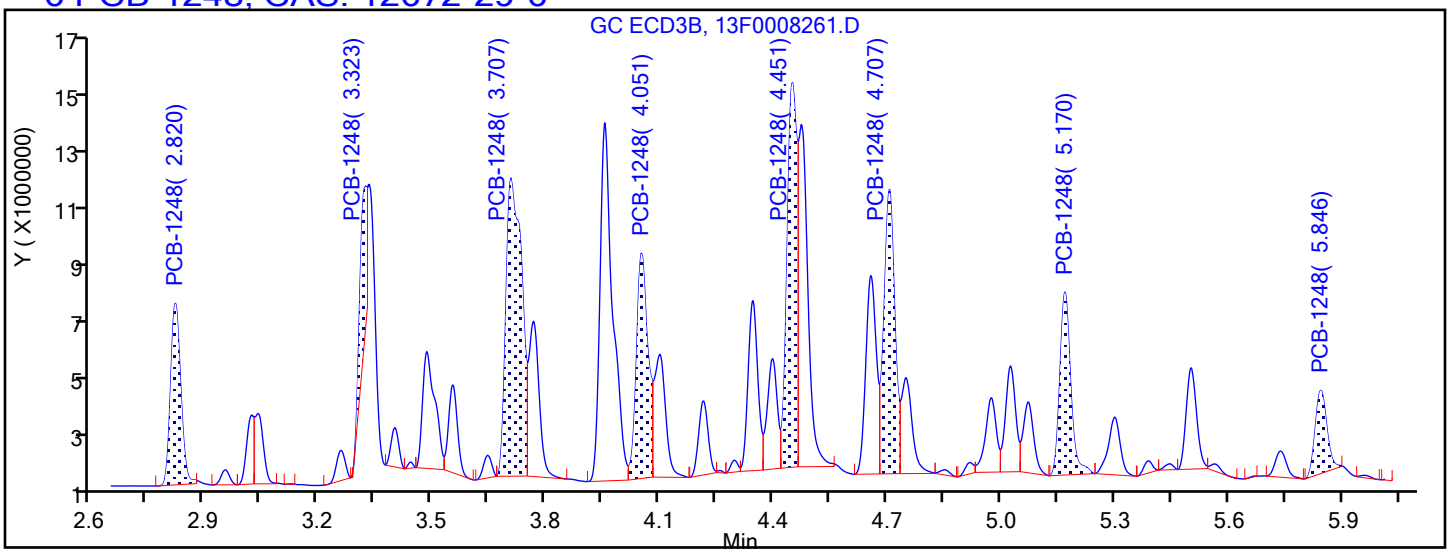
Operator ID: ALS Bottle#: 15 Worklist Smp#: 11

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

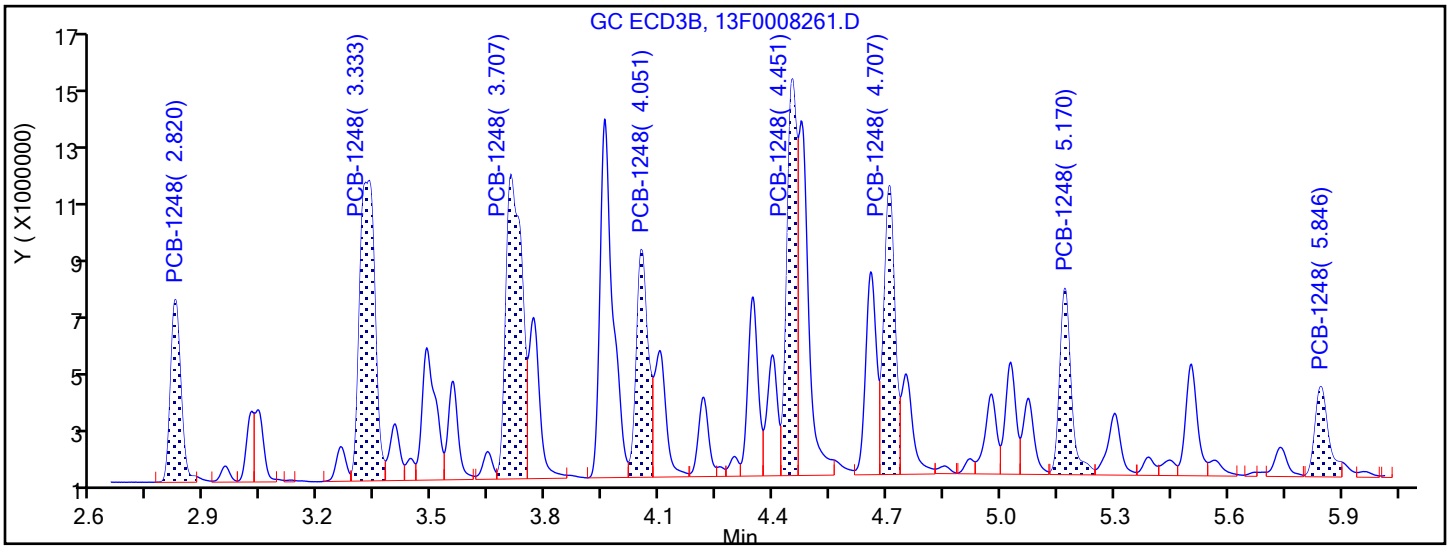
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

2.820	Response = 10974320
3.323	Response = 6583453
3.707	Response = 27796271
4.051	Response = 15572853
4.451	Response = 22659069
4.707	Response = 18447479
5.170	Response = 11802561
5.846	Response = 5785527



Manual Integration Results

2.820	Response = 11231359	M
3.333	Response = 27468804	M
3.707	Response = 28824073	M
4.051	Response = 15882281	M
4.451	Response = 23724414	M
4.707	Response = 18916014	M

Calibration / PCB-1248 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

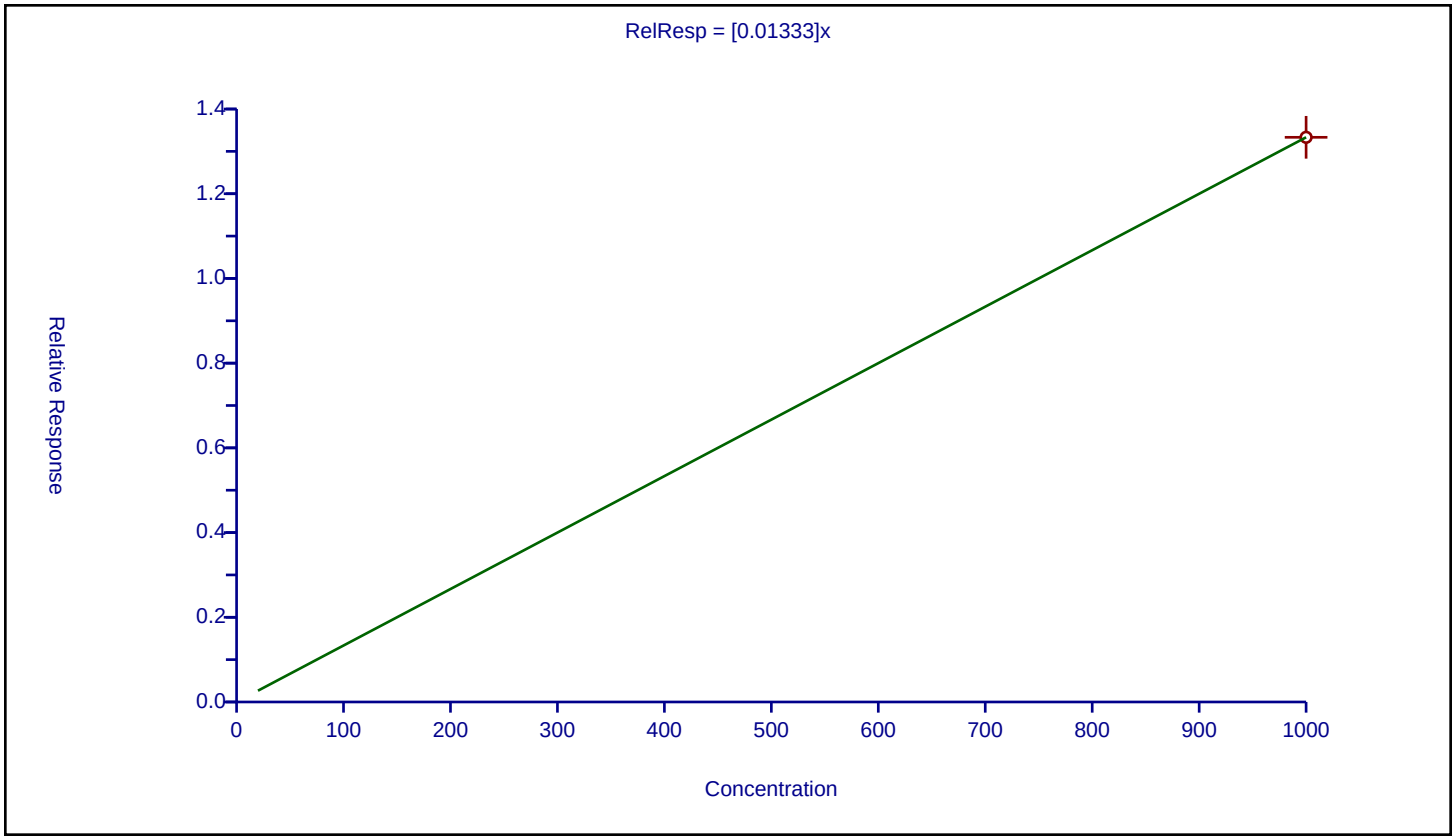
Curve Coefficients

Intercept:	0
Slope:	0.01333

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	13.332271	20.0	16848381.0	0.013332	Y



Calibration / PCB-1248 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

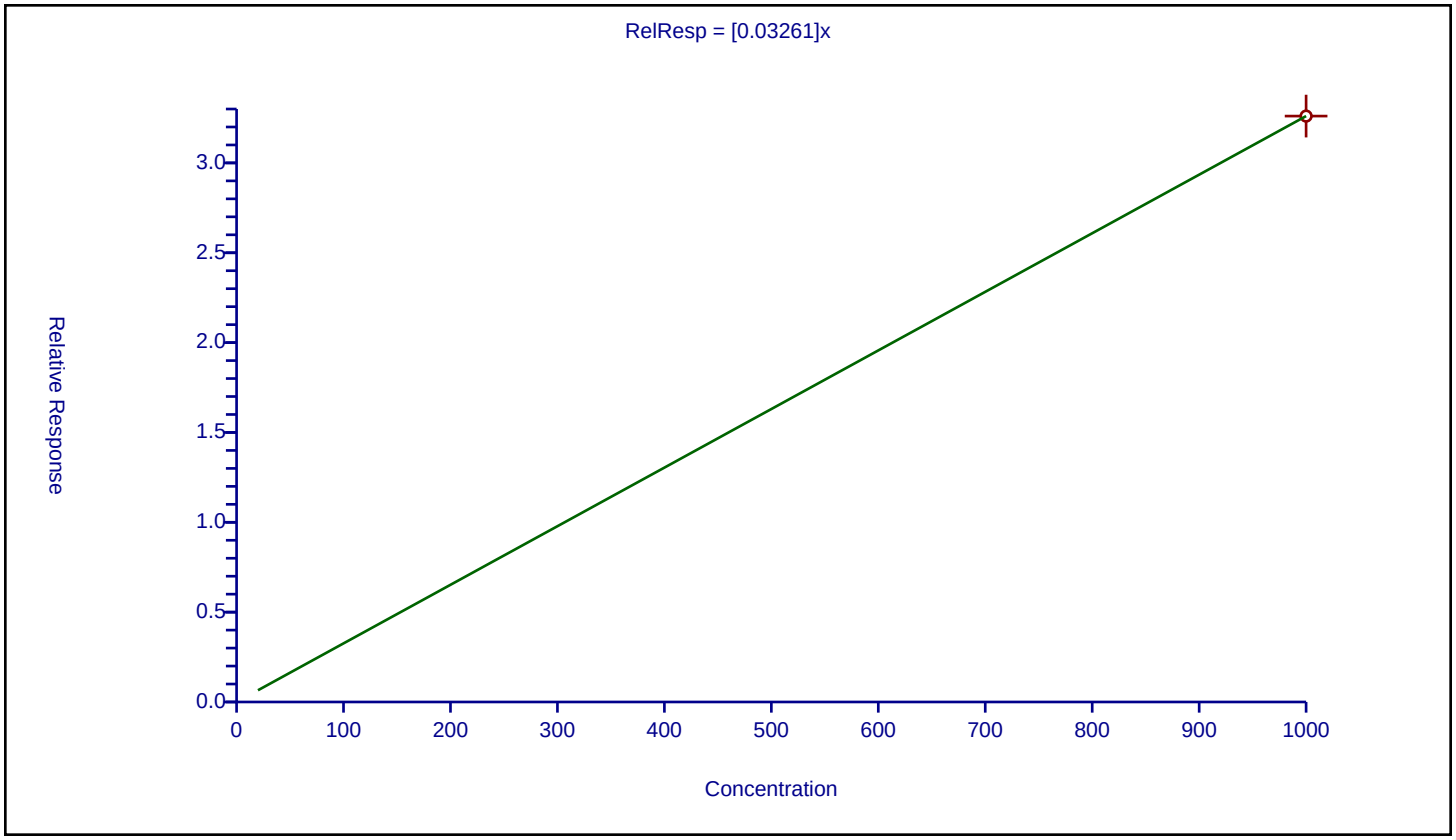
Curve Coefficients

Intercept:	0
Slope:	0.03261

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	32.607055	20.0	16848381.0	0.032607	Y



Calibration / PCB-1248 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

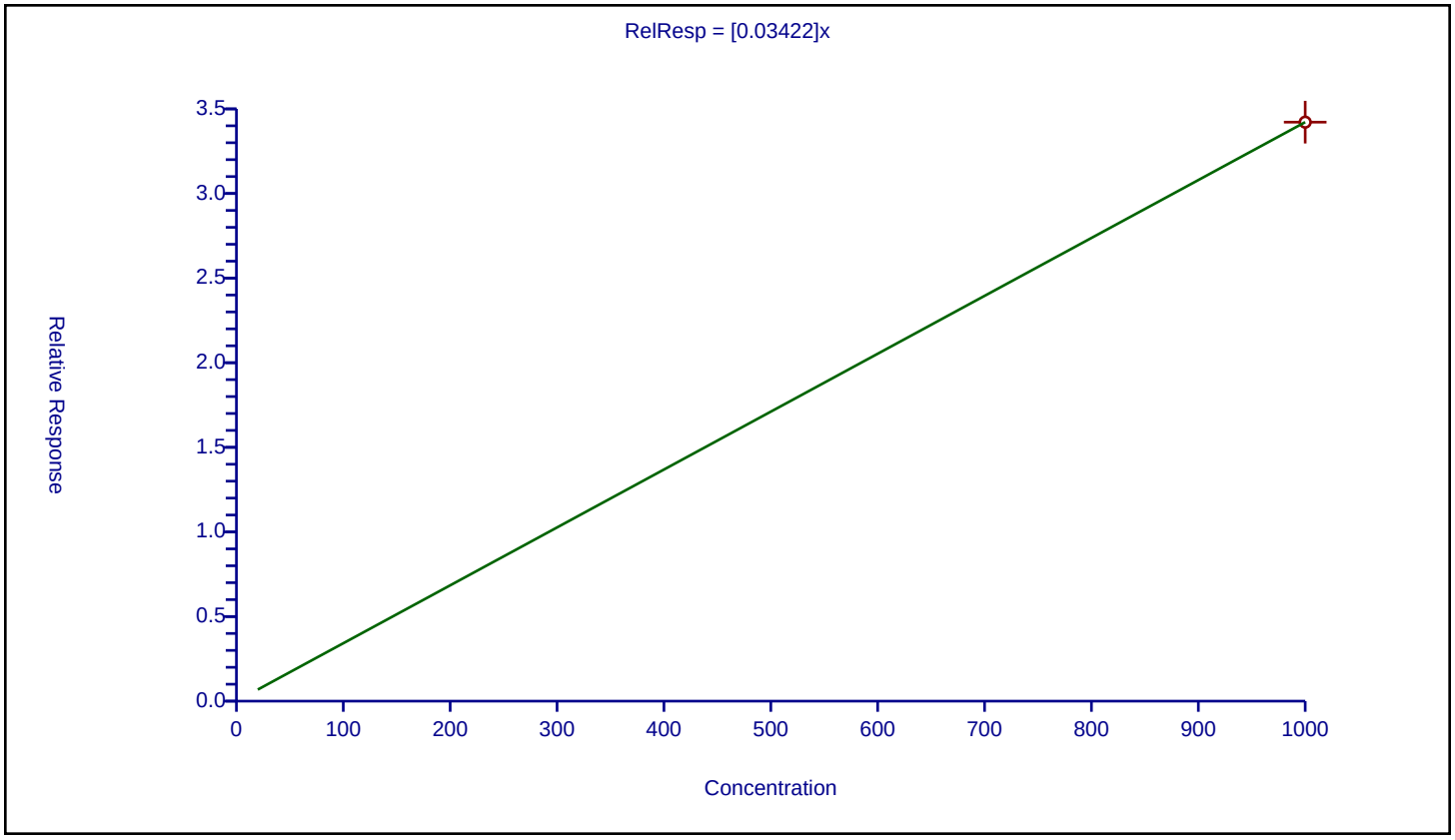
Curve Coefficients

Intercept:	0
Slope:	0.03422

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	34.215837	20.0	16848381.0	0.034216	Y



Calibration / PCB-1248 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

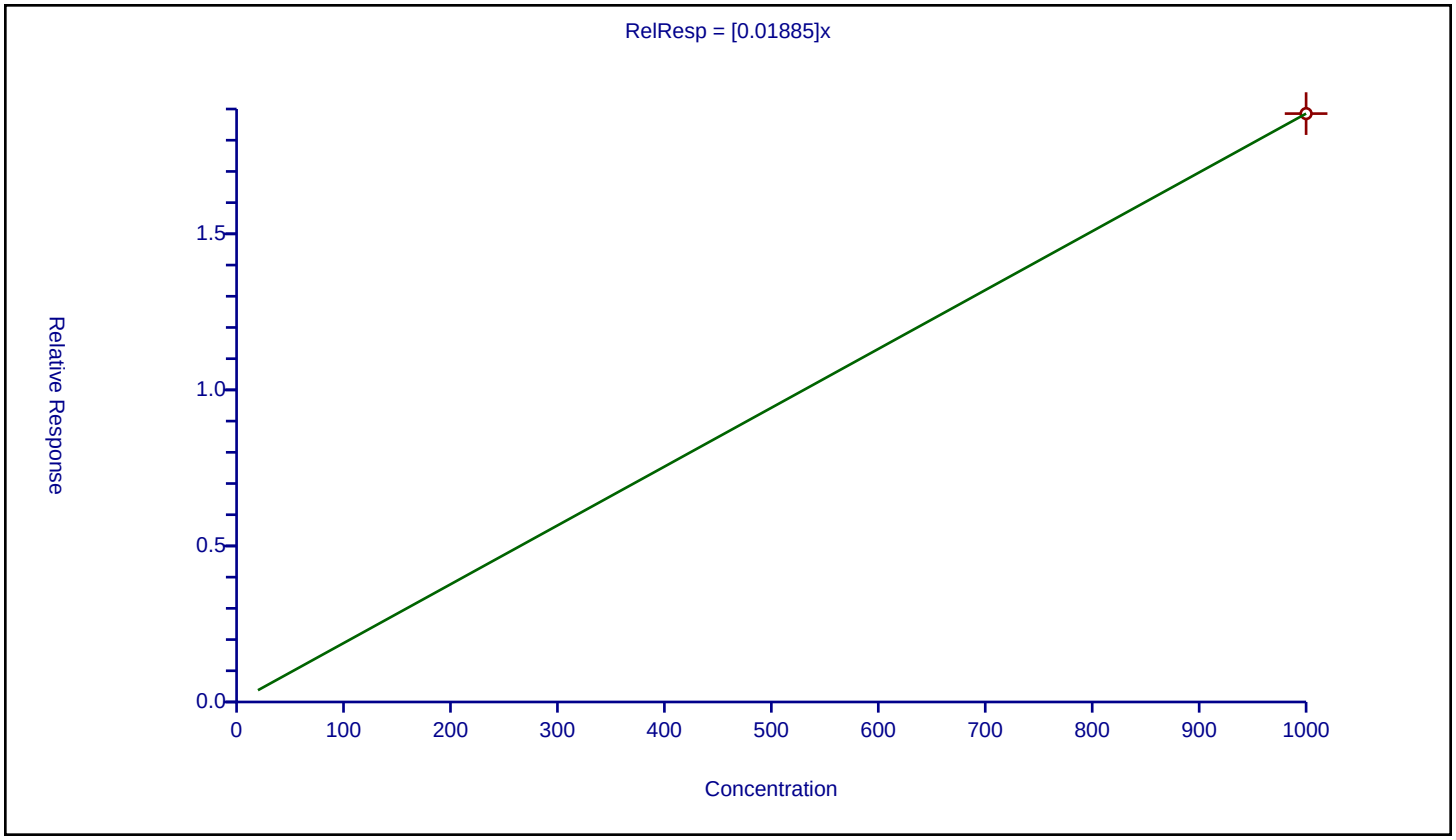
Curve Coefficients

Intercept:	0
Slope:	0.01885

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	18.853184	20.0	16848381.0	0.018853	Y



Calibration / PCB-1248 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

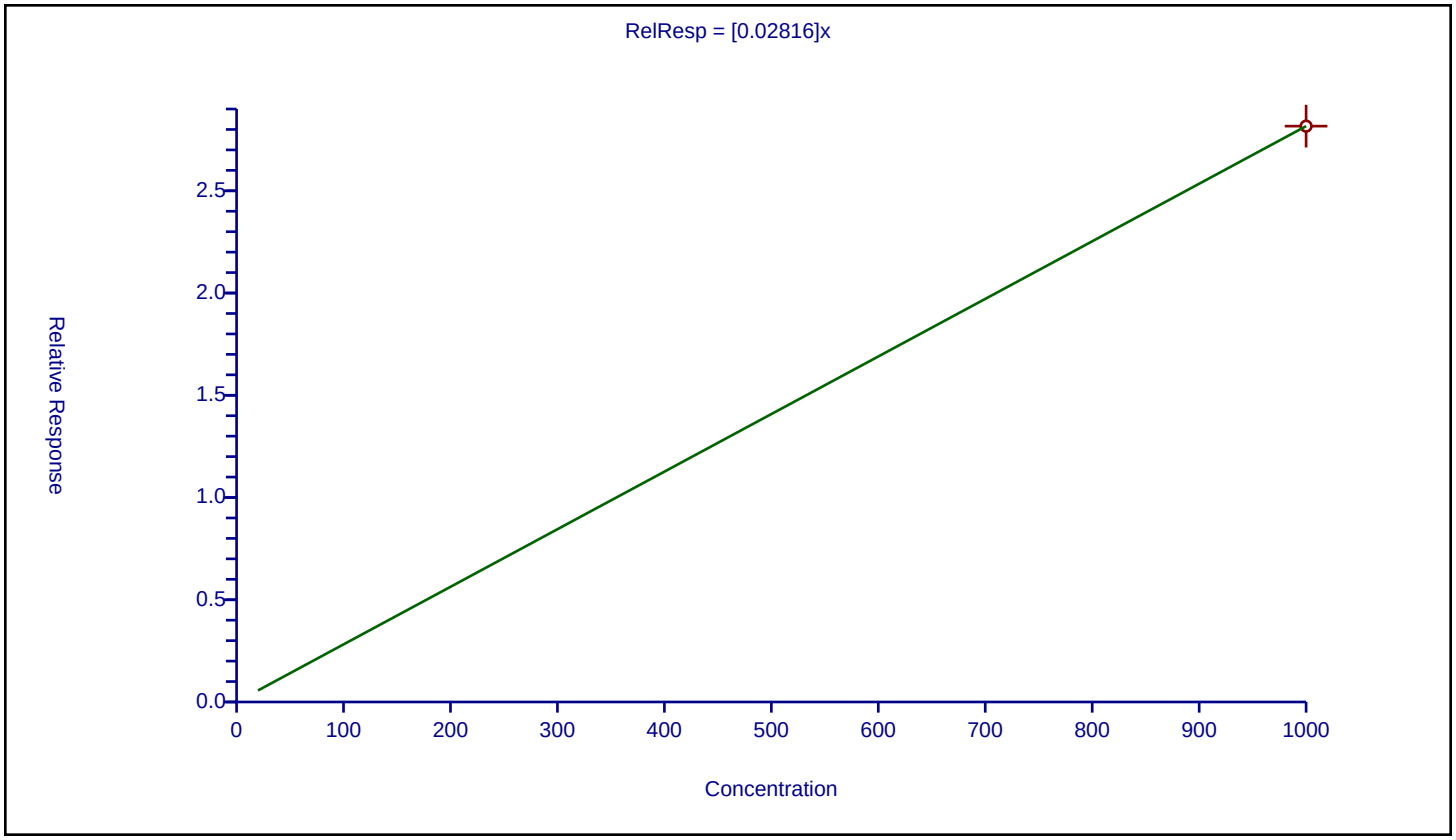
Curve Coefficients

Intercept:	0
Slope:	0.02816

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	28.162248	20.0	16848381.0	0.028162	Y



Calibration / PCB-1248 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

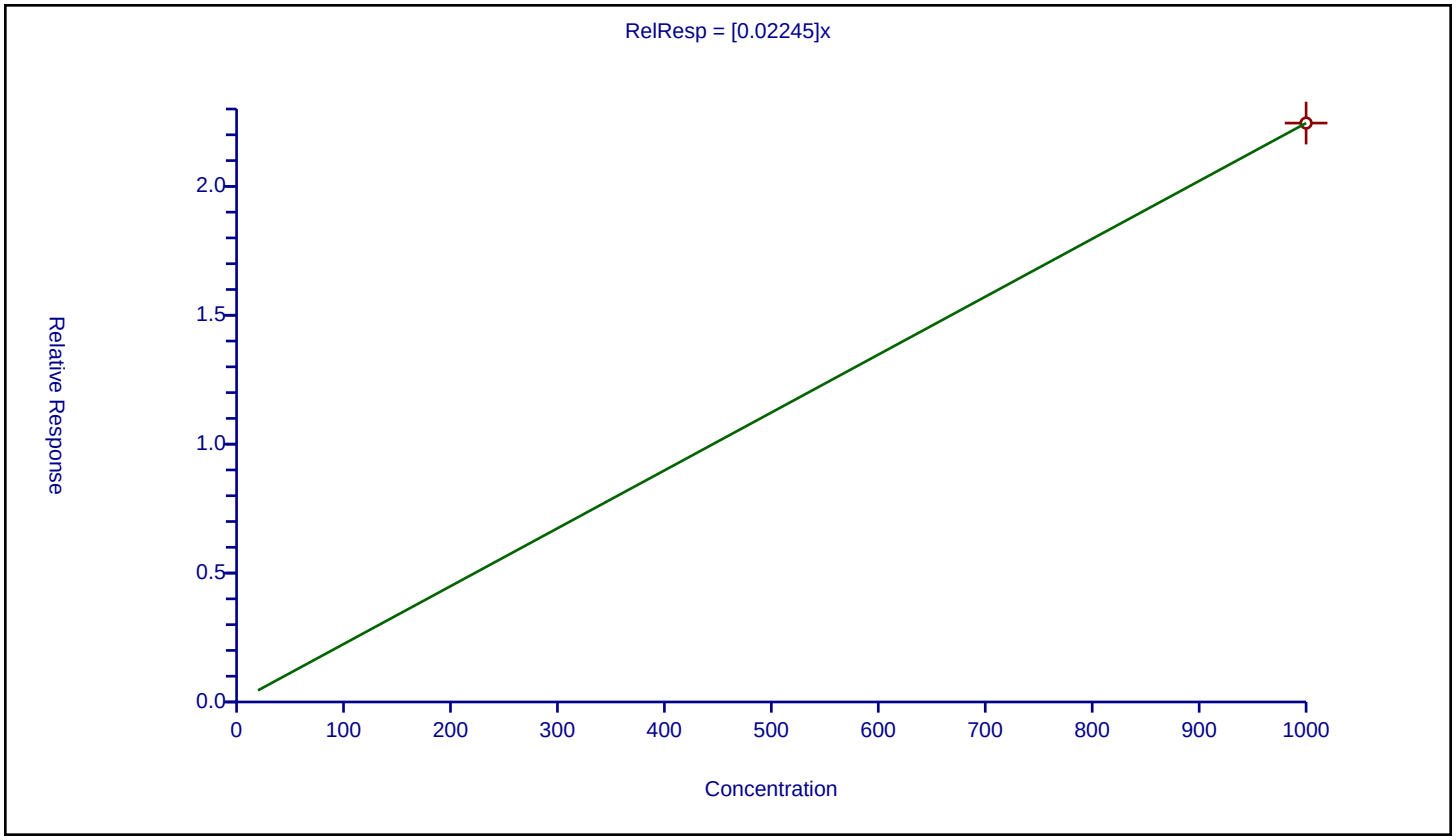
Curve Coefficients

Intercept:	0
Slope:	0.02245

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	22.4544	20.0	16848381.0	0.022454	Y



Calibration / PCB-1248 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

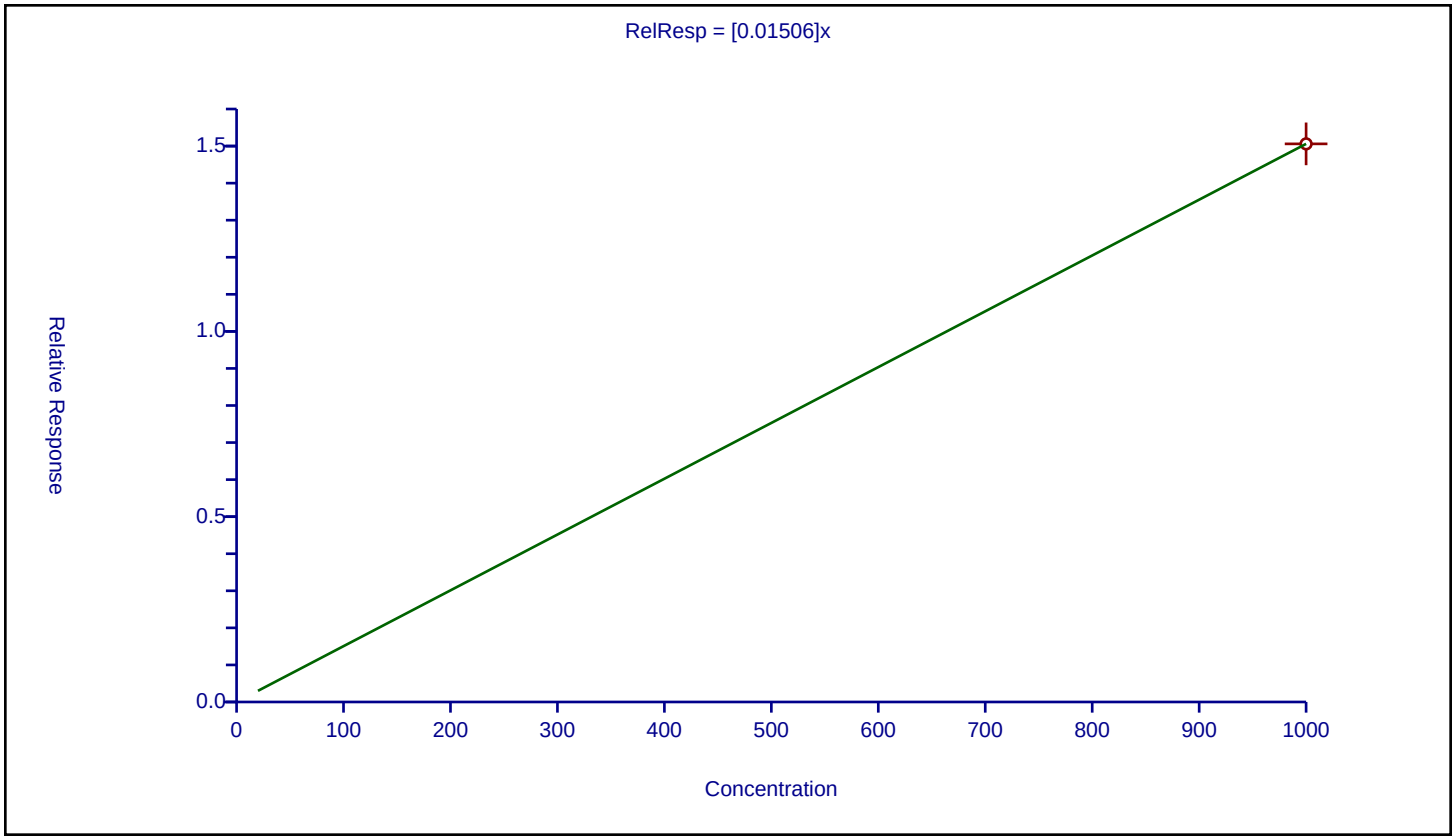
Curve Coefficients

Intercept:	0
Slope:	0.01506

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	15.059856	20.0	16848381.0	0.01506	Y



Calibration / PCB-1248 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

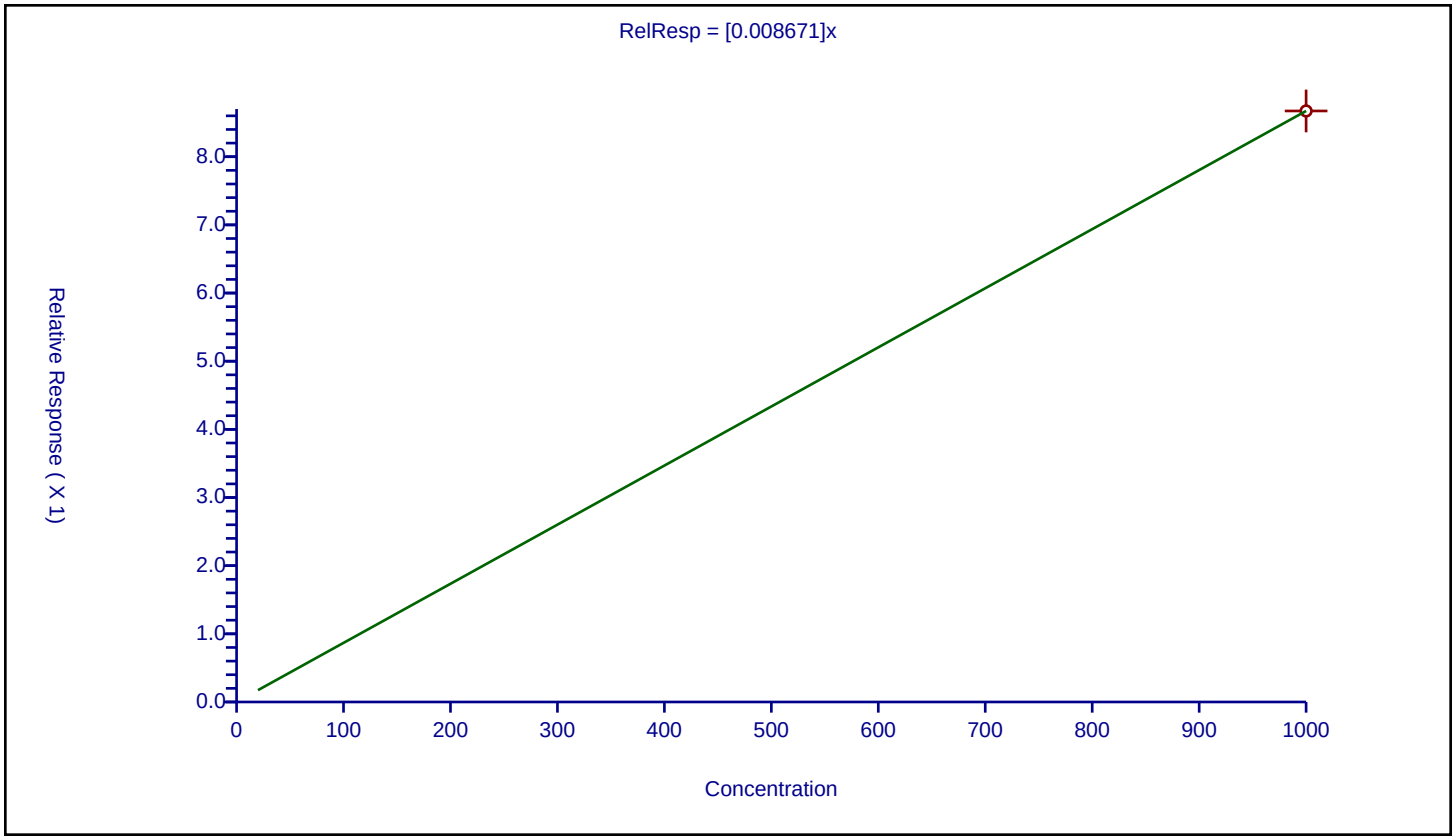
Curve Coefficients

Intercept:	0
Slope:	0.008671

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/11	1000.0	8.671399	20.0	16848381.0	0.008671	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:21 Calibration End Date: 01/07/2021 13:21 Calibration ID: 83368

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/12	13F0008262.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0101					Ave		0.0101						20.0			
PCB-1254 Peak 2	0.0321					Ave		0.0321						20.0			
PCB-1254 Peak 3	0.0365					Ave		0.0365						20.0			
PCB-1254 Peak 4	0.0277					Ave		0.0277						20.0			
PCB-1254 Peak 5	0.0522					Ave		0.0522						20.0			
PCB-1254 Peak 6	0.0379					Ave		0.0379						20.0			
PCB-1254 Peak 7	0.0308					Ave		0.0308						20.0			
PCB-1254 Peak 8	0.0525					Ave		0.0525						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:21 Calibration End Date: 01/07/2021 13:21 Calibration ID: 83368

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/12	13F0008262.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	10922267					1000				
PCB-1254 Peak 2	BNB	Ave	34832624					1000				
PCB-1254 Peak 3	BNB	Ave	39512822					1000				
PCB-1254 Peak 4	BNB	Ave	30060246					1000				
PCB-1254 Peak 5	BNB	Ave	56519896					1000				
PCB-1254 Peak 6	BNB	Ave	41073041					1000				
PCB-1254 Peak 7	BNB	Ave	33392075					1000				
PCB-1254 Peak 8	BNB	Ave	56907945					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008262.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 13:21:48 ALS Bottle#: 16 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-012
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub6

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:30 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:54:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.702	1.702	0.000	21669752	20.0	20.0	
2	1.411	1.411	0.000	16220479	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	5.129	5.129	0.000	10922267	1000.0	1000.0	M
1	5.667	5.667	0.000	34832624	1000.0	1000.0	M
1	5.936	5.936	0.000	39512822	1000.0	1000.0	M
1	6.437	6.437	0.000	30060246	1000.0	1000.0	M
1	6.617	6.617	0.000	56519896	1000.0	1000.0	M
1	6.997	6.997	0.000	41073041	1000.0	1000.0	M
1	7.609	7.609	0.000	33392075	1000.0	1000.0	M
1	7.976	7.976	0.000	56907945	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	3.955	3.955	0.000	9053515	1000.0	1000.0	M
2	4.398	4.398	0.000	23147760	1000.0	1000.0	M
2	4.708	4.708	0.000	31201703	1000.0	1000.0	M
2	5.025	5.025	0.000	23909052	1000.0	1000.0	M
2	5.169	5.169	0.000	42045055	1000.0	1000.0	M
2	5.503	5.503	0.000	30893555	1000.0	1000.0	M
2	5.739	5.739	0.000	30361837	1000.0	1000.0	
2	6.111	6.111	0.000	43799170	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1254L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:30 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008262.D

Injection Date: 07-Jan-2021 13:21:48 Instrument ID: CPESTGC13 Operator ID:

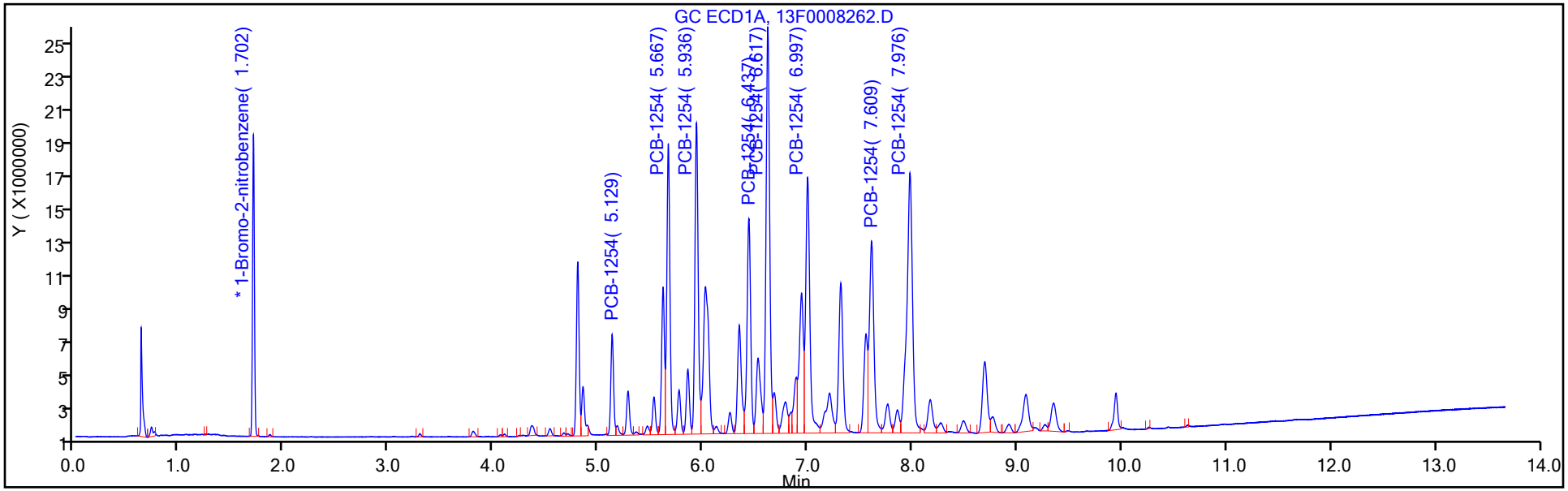
Lims ID: IC 1254 Worklist Smp#: 12

Client ID:

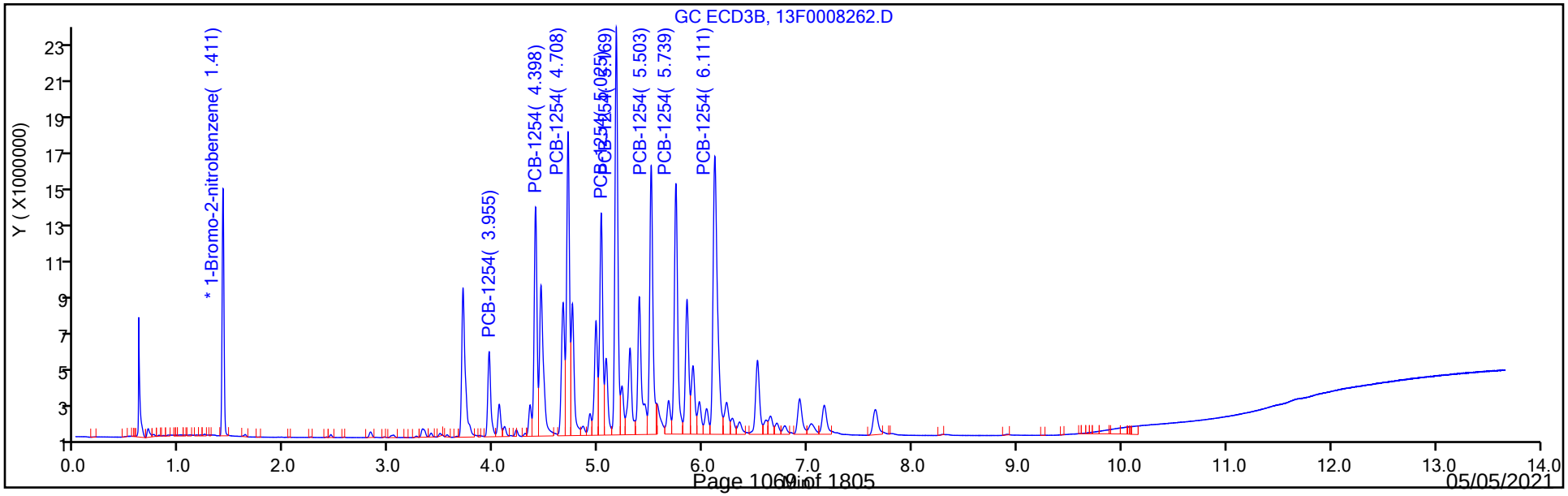
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 15:00:31 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008262.D

Injection Date: 07-Jan-2021 13:21:48 Instrument ID: CPESTGC13

Lims ID: IC 1254

Client ID:

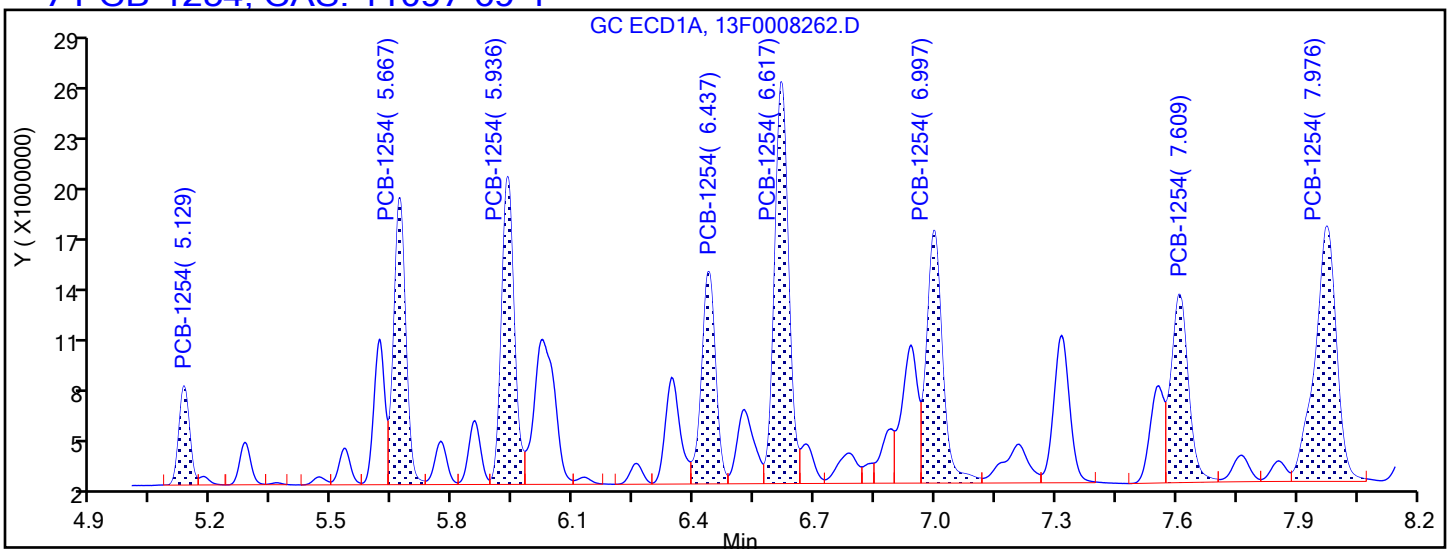
Operator ID: ALS Bottle#: 16 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

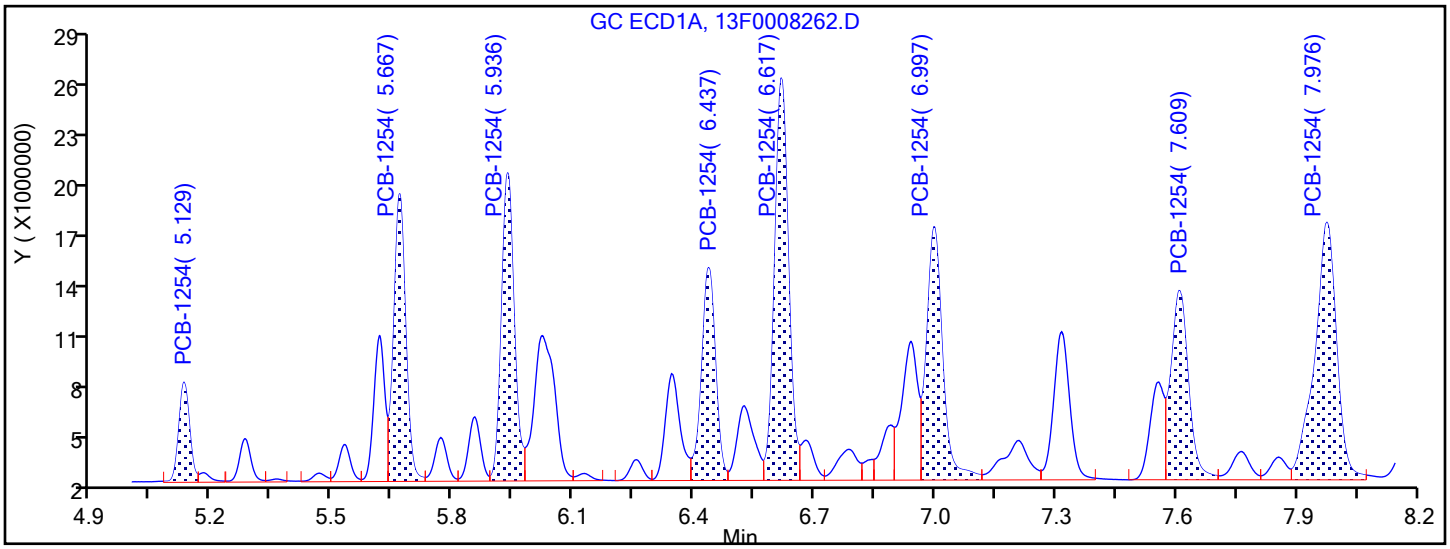
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

7 PCB-1254, CAS: 11097-69-1



Processing Integration Results

5.129	Response = 10612490
5.667	Response = 34666402
5.936	Response = 39416398
6.437	Response = 29956715
6.617	Response = 56358933
6.997	Response = 40701700
7.609	Response = 32891260
7.976	Response = 55488801



Manual Integration Results

5.129	Response = 10922267	M
5.667	Response = 34832624	M
5.936	Response = 39512822	M
6.437	Response = 30060246	M
6.617	Response = 56519896	M
6.997	Response = 41073041	M

Calibration / PCB-1254 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

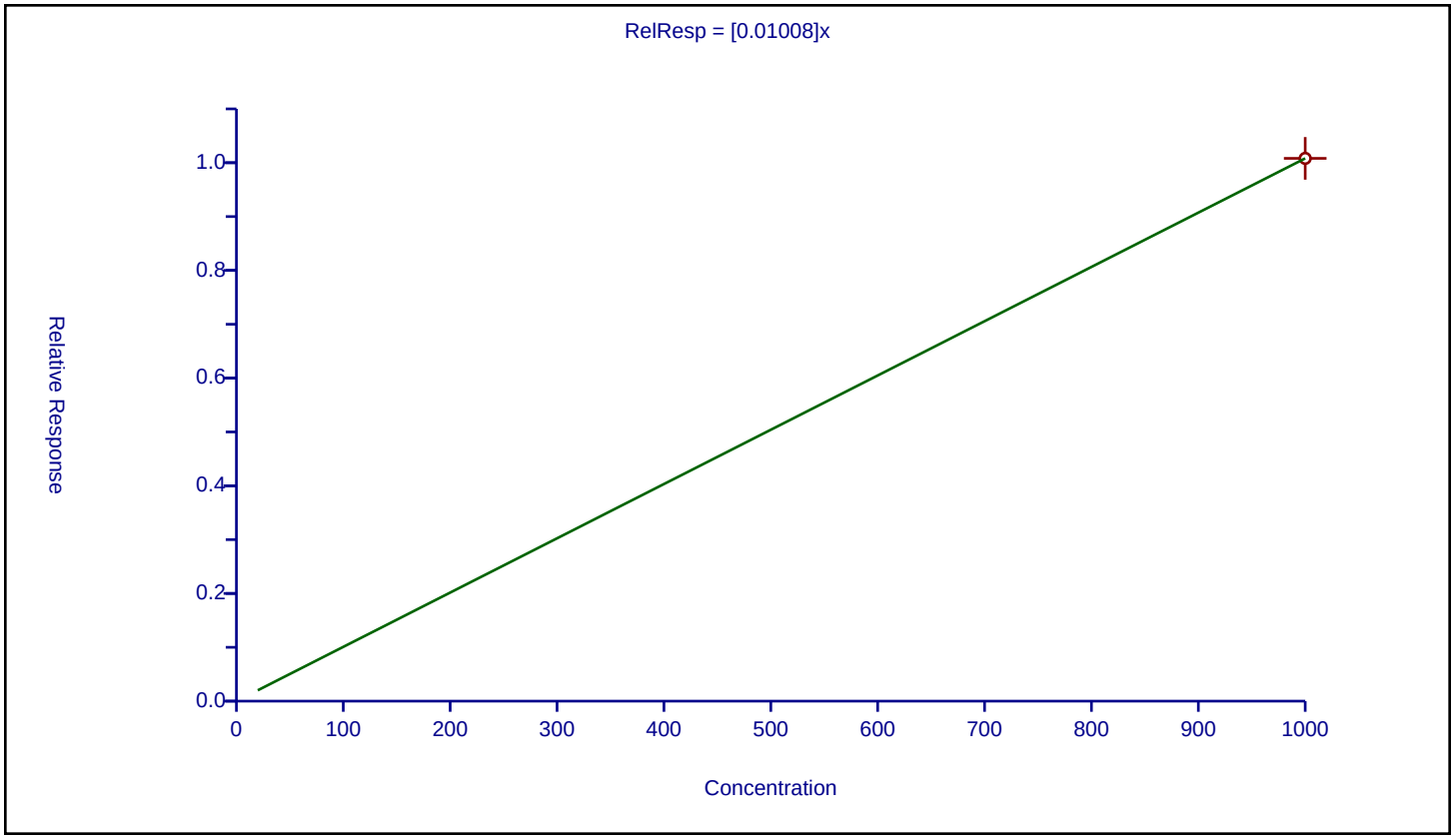
Curve Coefficients

Intercept:	0
Slope:	0.01008

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	10.080657	20.0	21669752.0	0.010081	Y



Calibration / PCB-1254 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

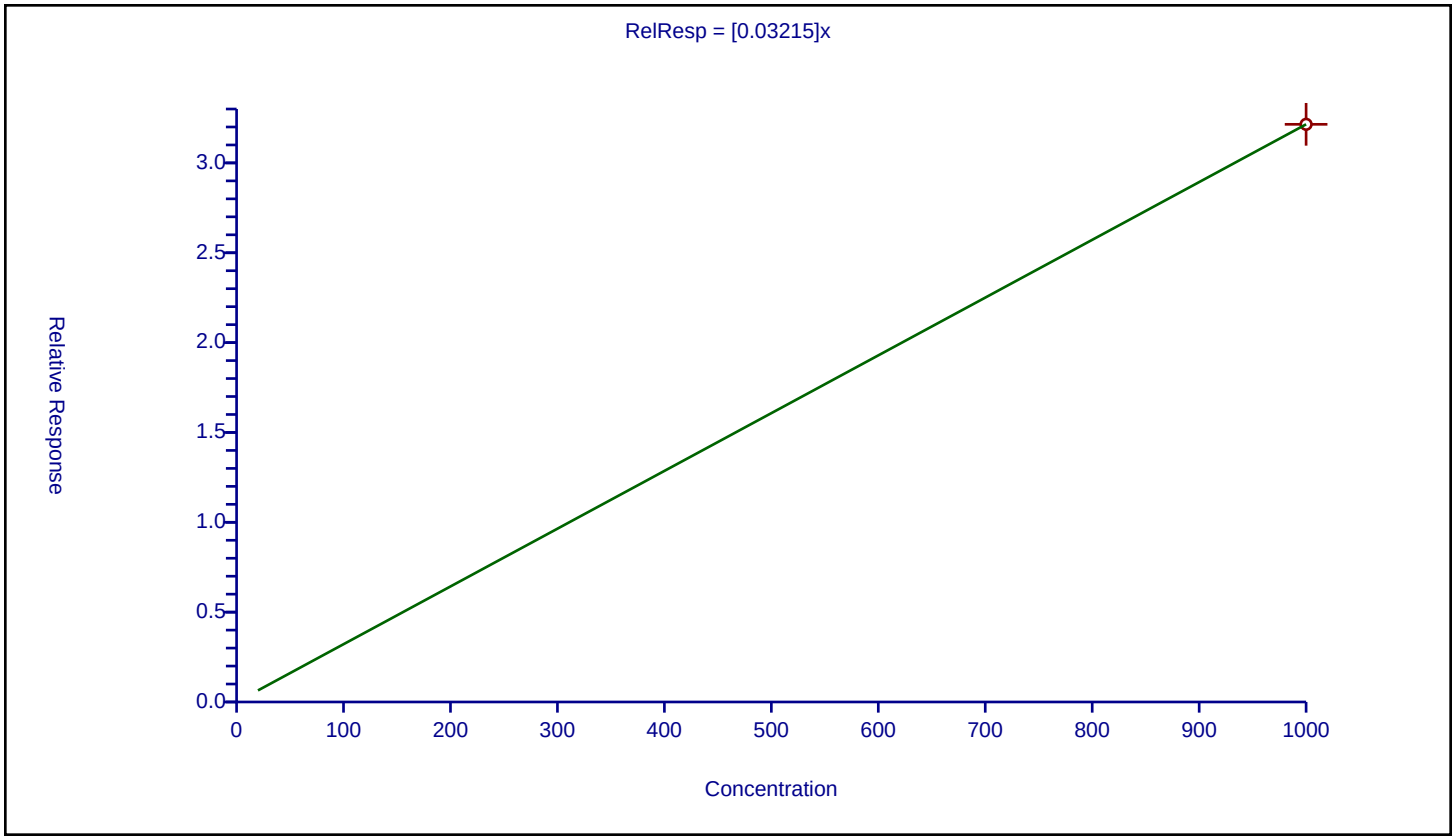
Curve Coefficients

Intercept:	0
Slope:	0.03215

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	32.148613	20.0	21669752.0	0.032149	Y



Calibration / PCB-1254 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

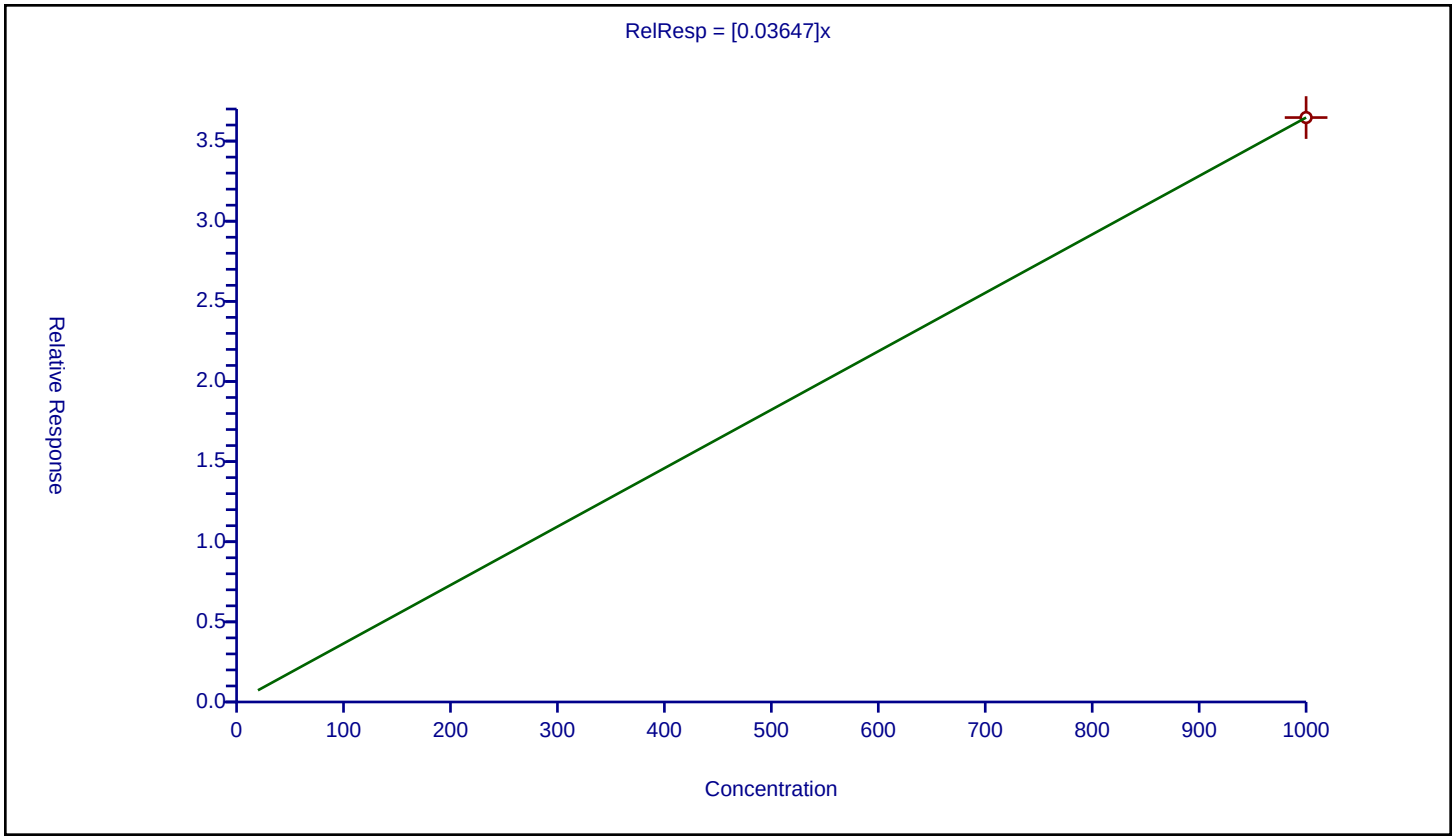
Curve Coefficients

Intercept:	0
Slope:	0.03647

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	36.468181	20.0	21669752.0	0.036468	Y



Calibration / PCB-1254 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

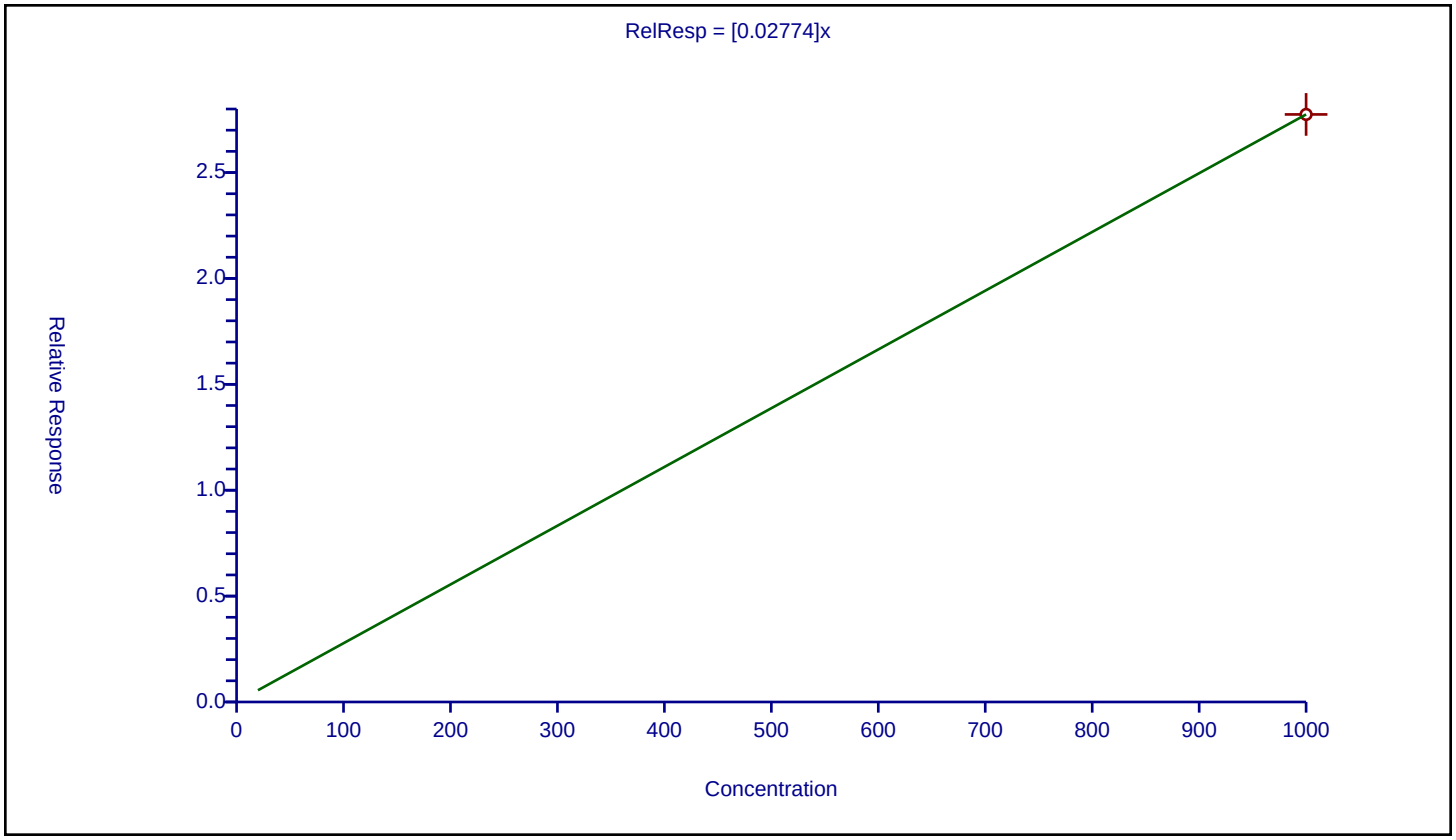
Curve Coefficients

Intercept:	0
Slope:	0.02774

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	27.743969	20.0	21669752.0	0.027744	Y



Calibration / PCB-1254 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

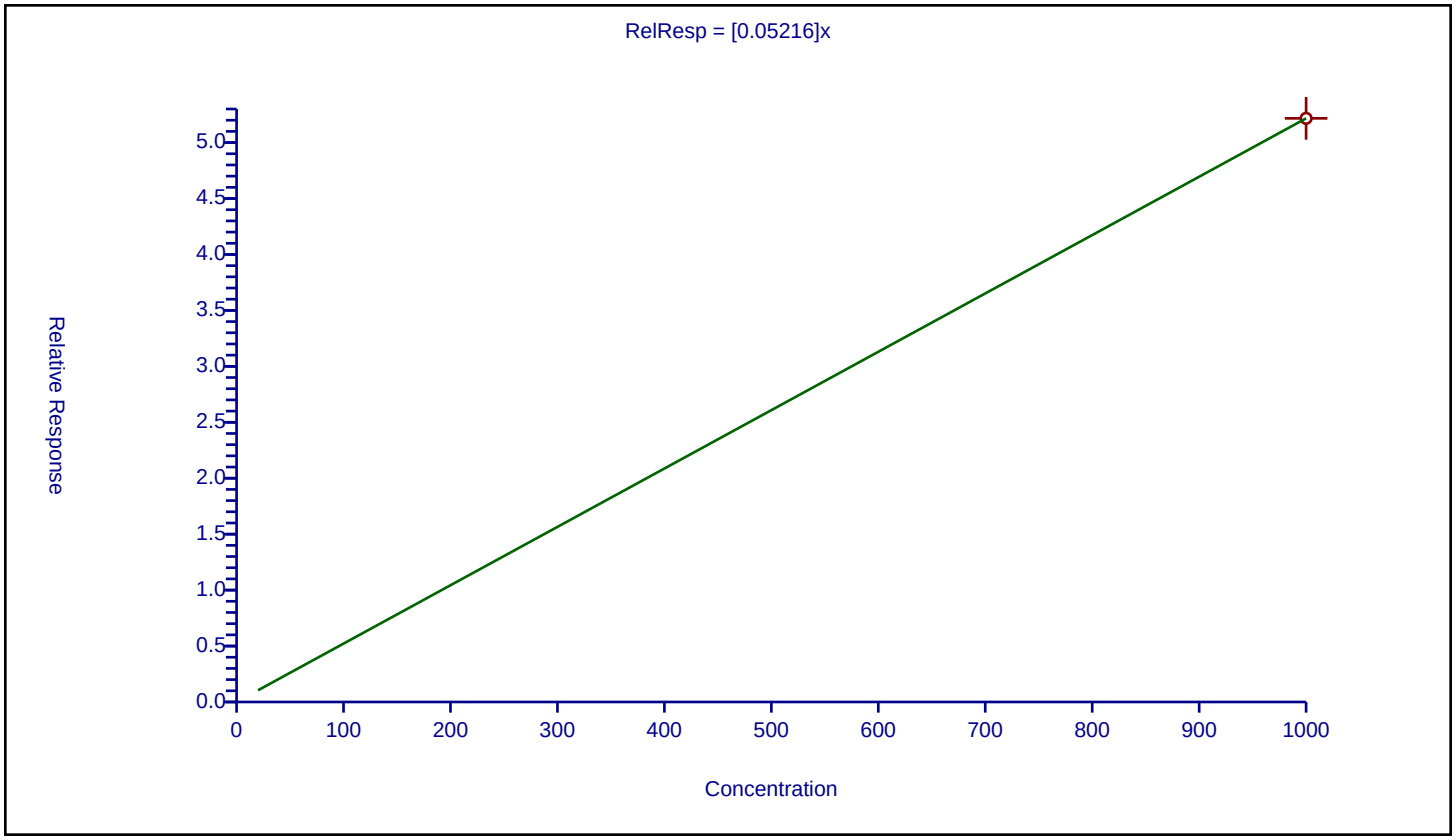
Curve Coefficients

Intercept:	0
Slope:	0.05216

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	52.164783	20.0	21669752.0	0.052165	Y



Calibration / PCB-1254 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

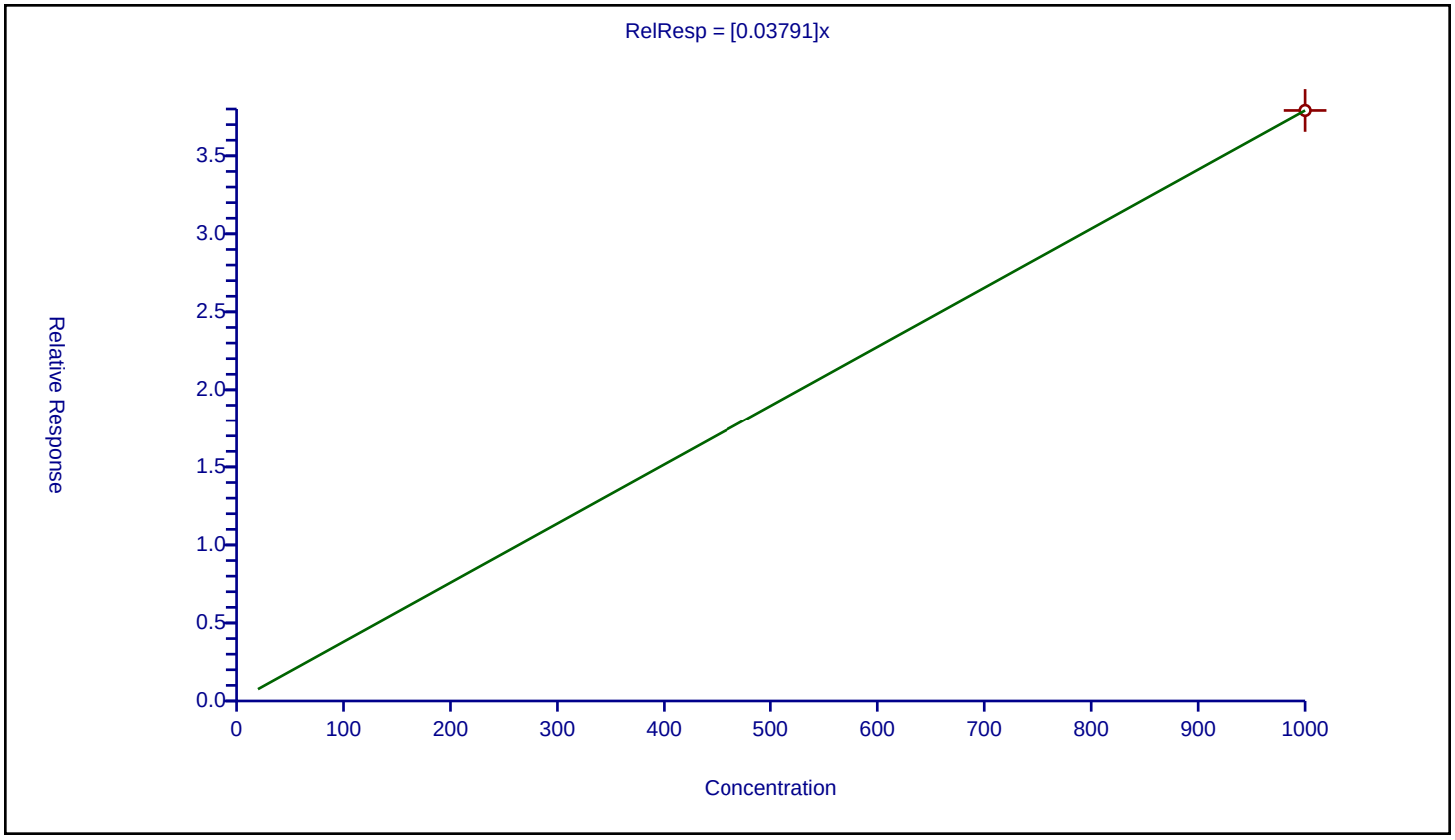
Curve Coefficients

Intercept:	0
Slope:	0.03791

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	37.908178	20.0	21669752.0	0.037908	Y



Calibration / PCB-1254 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

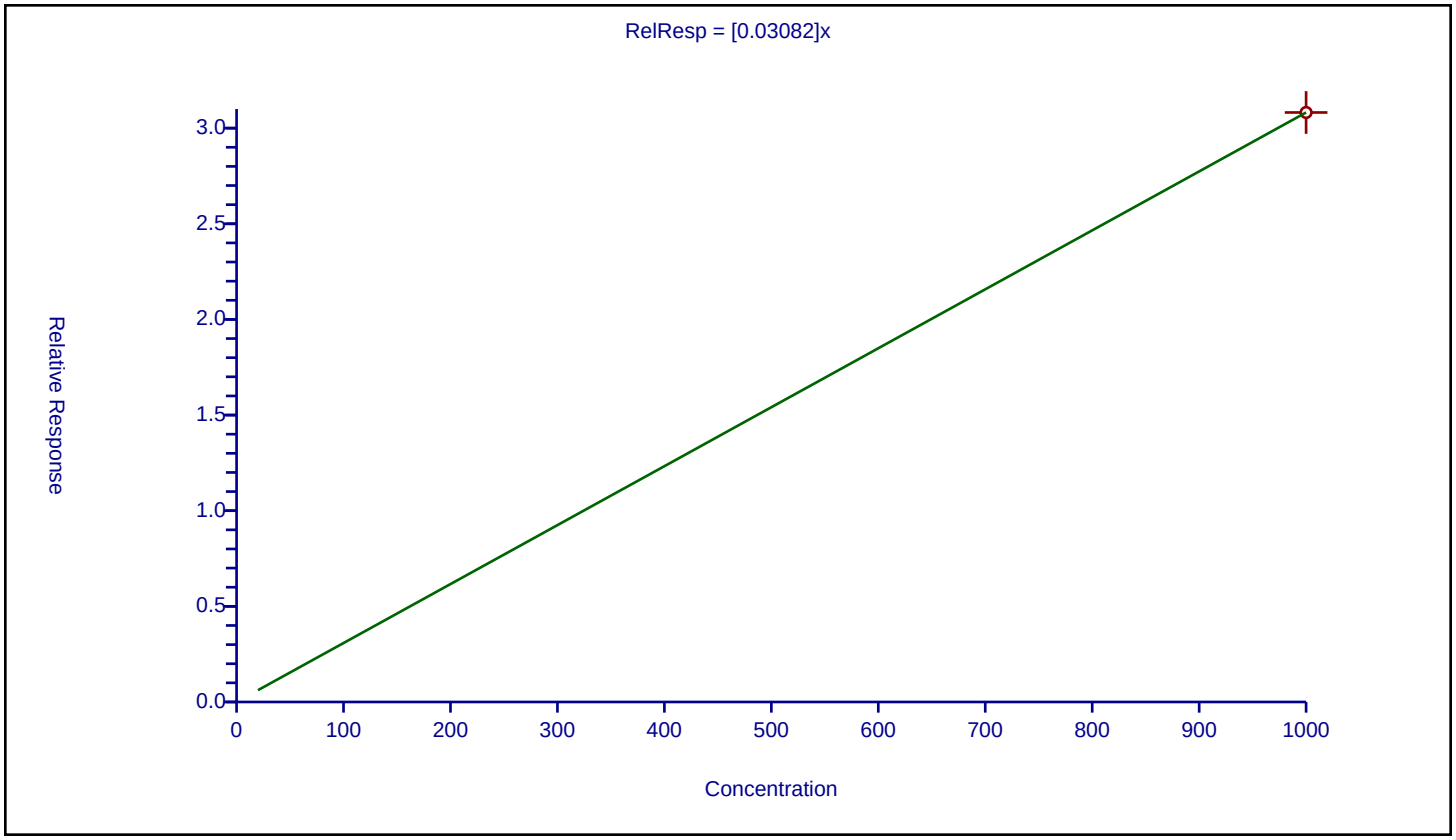
Curve Coefficients

Intercept:	0
Slope:	0.03082

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	1.00

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	30.819065	20.0	21669752.0	0.030819	Y



Calibration / PCB-1254 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

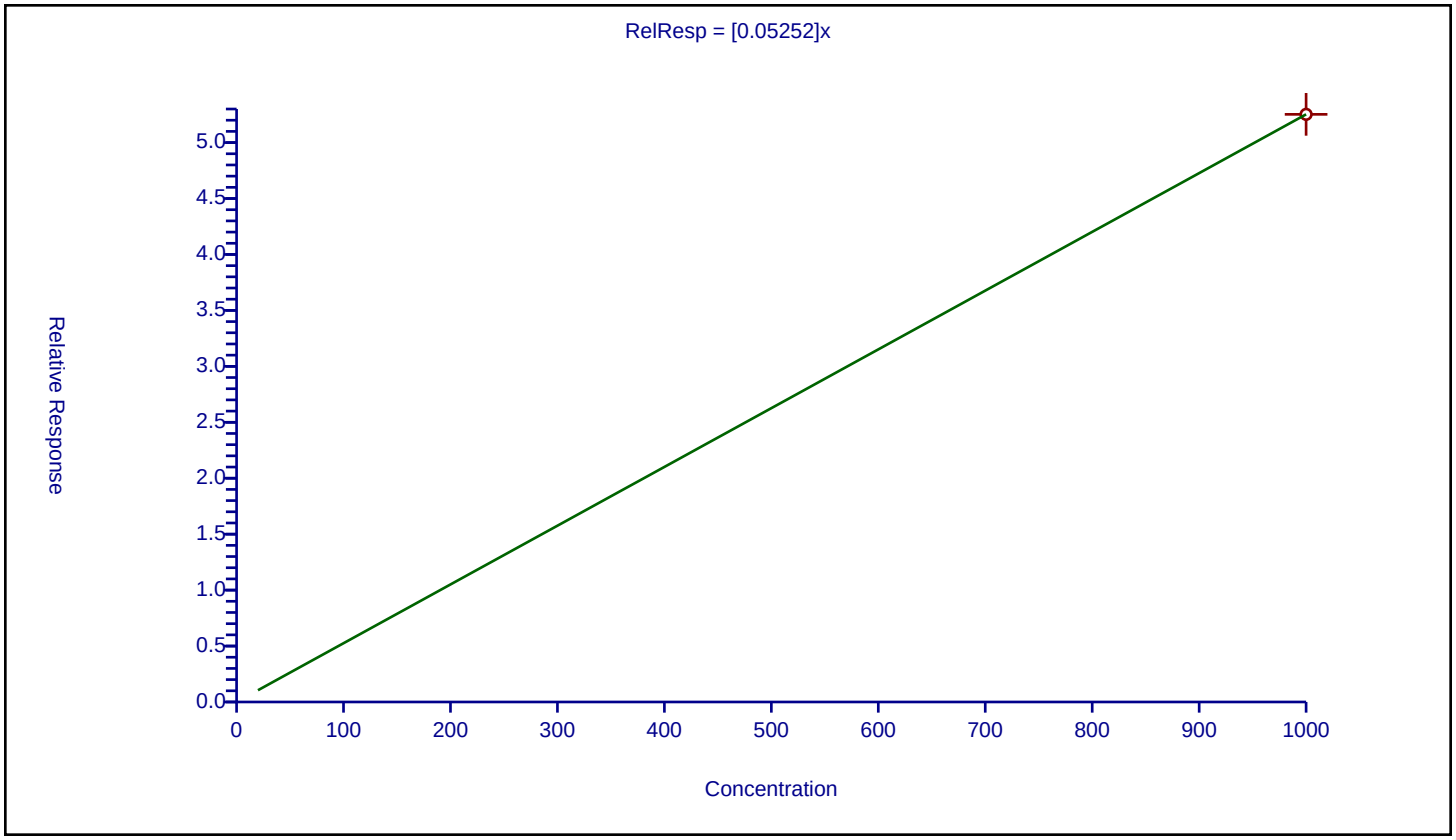
Curve Coefficients

Intercept:	0
Slope:	0.05252

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	52.522932	20.0	21669752.0	0.052523	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:21 Calibration End Date: 01/07/2021 13:21 Calibration ID: 83369

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/12	13F0008262.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0112					Ave		0.0112						20.0			
PCB-1254 Peak 2	0.0285					Ave		0.0285						20.0			
PCB-1254 Peak 3	0.0385					Ave		0.0385						20.0			
PCB-1254 Peak 4	0.0295					Ave		0.0295						20.0			
PCB-1254 Peak 5	0.0518					Ave		0.0518						20.0			
PCB-1254 Peak 6	0.0381					Ave		0.0381						20.0			
PCB-1254 Peak 7	0.0374					Ave		0.0374						20.0			
PCB-1254 Peak 8	0.0540					Ave		0.0540						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:21 Calibration End Date: 01/07/2021 13:21 Calibration ID: 83369

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/12	13F0008262.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	9053515					1000				
PCB-1254 Peak 2	BNB	Ave	23147760					1000				
PCB-1254 Peak 3	BNB	Ave	31201703					1000				
PCB-1254 Peak 4	BNB	Ave	23909052					1000				
PCB-1254 Peak 5	BNB	Ave	42045055					1000				
PCB-1254 Peak 6	BNB	Ave	30893555					1000				
PCB-1254 Peak 7	BNB	Ave	30361837					1000				
PCB-1254 Peak 8	BNB	Ave	43799170					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008262.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 13:21:48 ALS Bottle#: 16 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-012
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub6

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:30 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:54:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.702	1.702	0.000	21669752	20.0	20.0	
2	1.411	1.411	0.000	16220479	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	5.129	5.129	0.000	10922267	1000.0	1000.0	M
1	5.667	5.667	0.000	34832624	1000.0	1000.0	M
1	5.936	5.936	0.000	39512822	1000.0	1000.0	M
1	6.437	6.437	0.000	30060246	1000.0	1000.0	M
1	6.617	6.617	0.000	56519896	1000.0	1000.0	M
1	6.997	6.997	0.000	41073041	1000.0	1000.0	M
1	7.609	7.609	0.000	33392075	1000.0	1000.0	M
1	7.976	7.976	0.000	56907945	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	3.955	3.955	0.000	9053515	1000.0	1000.0	M
2	4.398	4.398	0.000	23147760	1000.0	1000.0	M
2	4.708	4.708	0.000	31201703	1000.0	1000.0	M
2	5.025	5.025	0.000	23909052	1000.0	1000.0	M
2	5.169	5.169	0.000	42045055	1000.0	1000.0	M
2	5.503	5.503	0.000	30893555	1000.0	1000.0	M
2	5.739	5.739	0.000	30361837	1000.0	1000.0	
2	6.111	6.111	0.000	43799170	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1254L4_00030	Amount Added:	1.00	Units: mL	
SGPCBISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:31 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008262.D

Injection Date: 07-Jan-2021 13:21:48 Instrument ID: CPESTGC13 Operator ID:

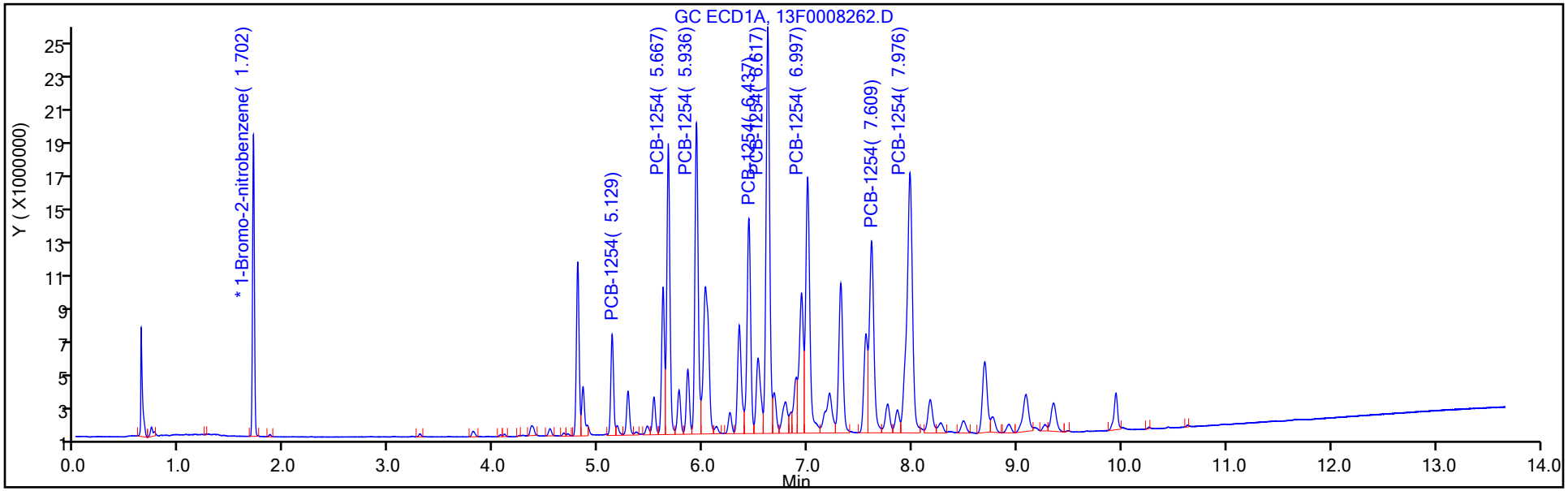
Lims ID: IC 1254 Worklist Smp#: 12

Client ID:

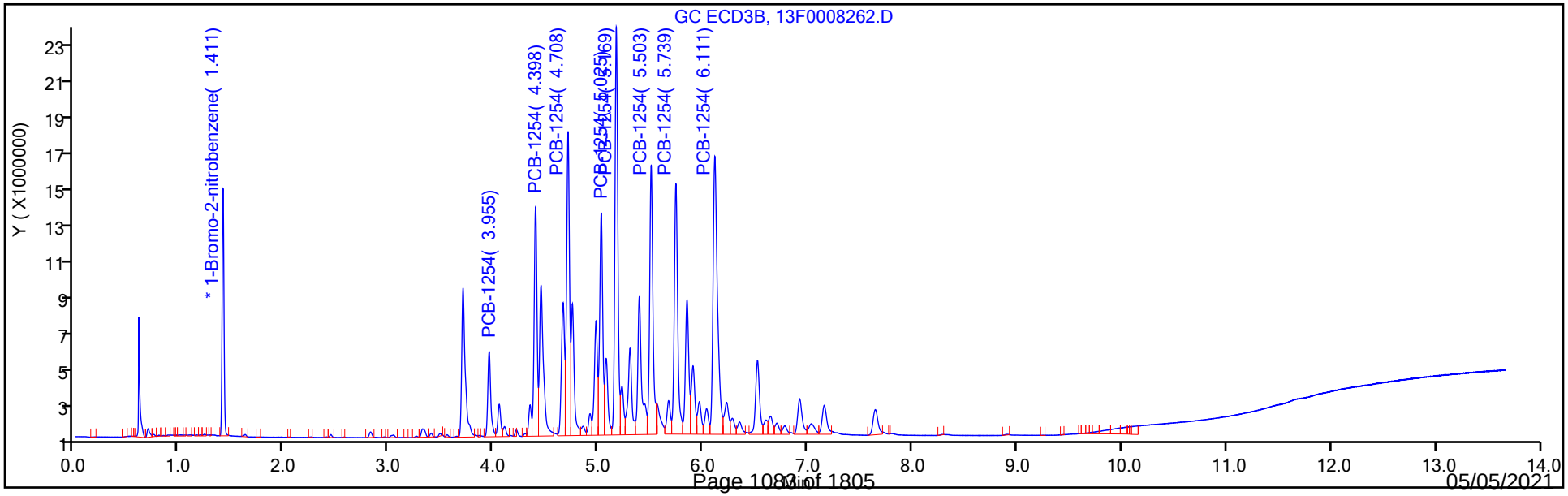
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 15:00:31 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008262.D

Injection Date: 07-Jan-2021 13:21:48 Instrument ID: CPESTGC13

Lims ID: IC 1254

Client ID:

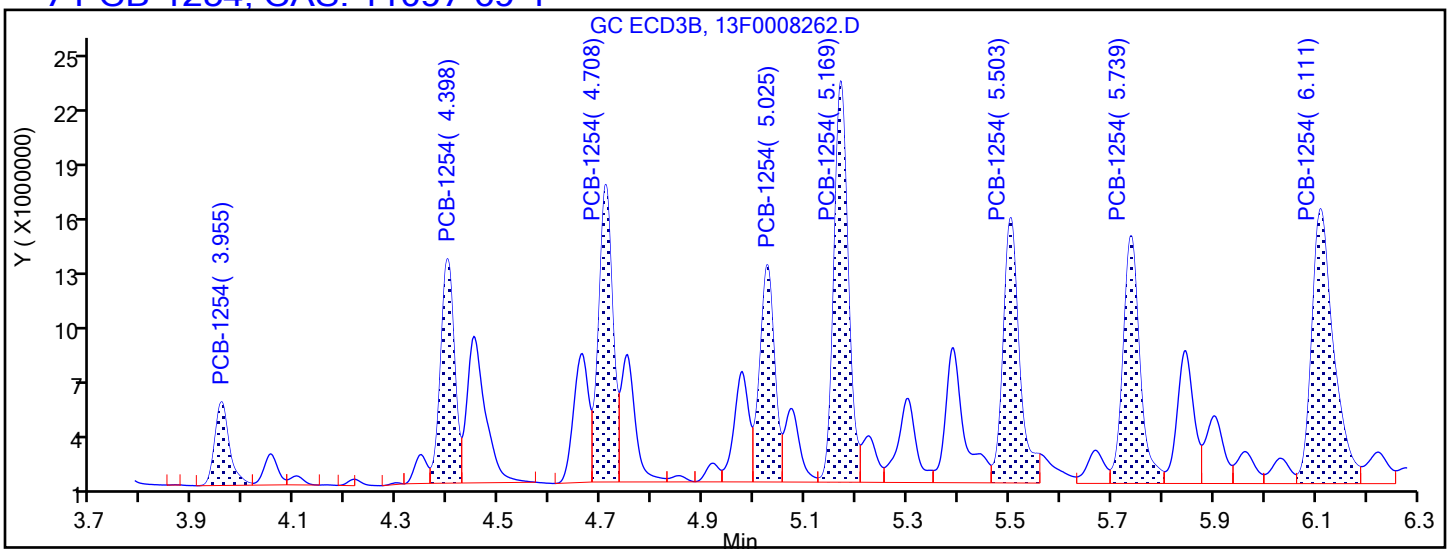
Operator ID: ALS Bottle#: 16 Worklist Smp#: 12

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

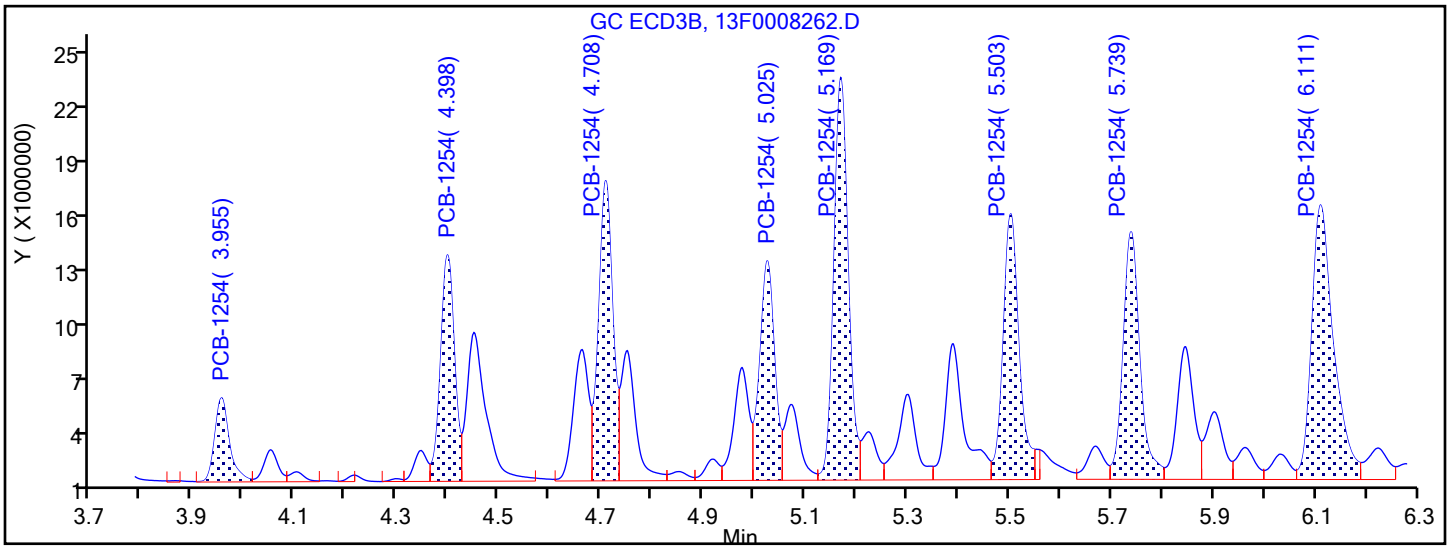
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

7 PCB-1254, CAS: 11097-69-1



Processing Integration Results

3.955	Response = 8837874
4.398	Response = 22691688
4.708	Response = 30690828
5.025	Response = 23448531
5.169	Response = 41494820
5.503	Response = 31609086
5.739	Response = 30361837
6.111	Response = 43799170



Manual Integration Results

3.955	Response = 9053515	M
4.398	Response = 23147760	M
4.708	Response = 31201703	M
5.025	Response = 23909052	M
5.169	Response = 42045055	M
5.503	Response = 30893555	M

Calibration / PCB-1254 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

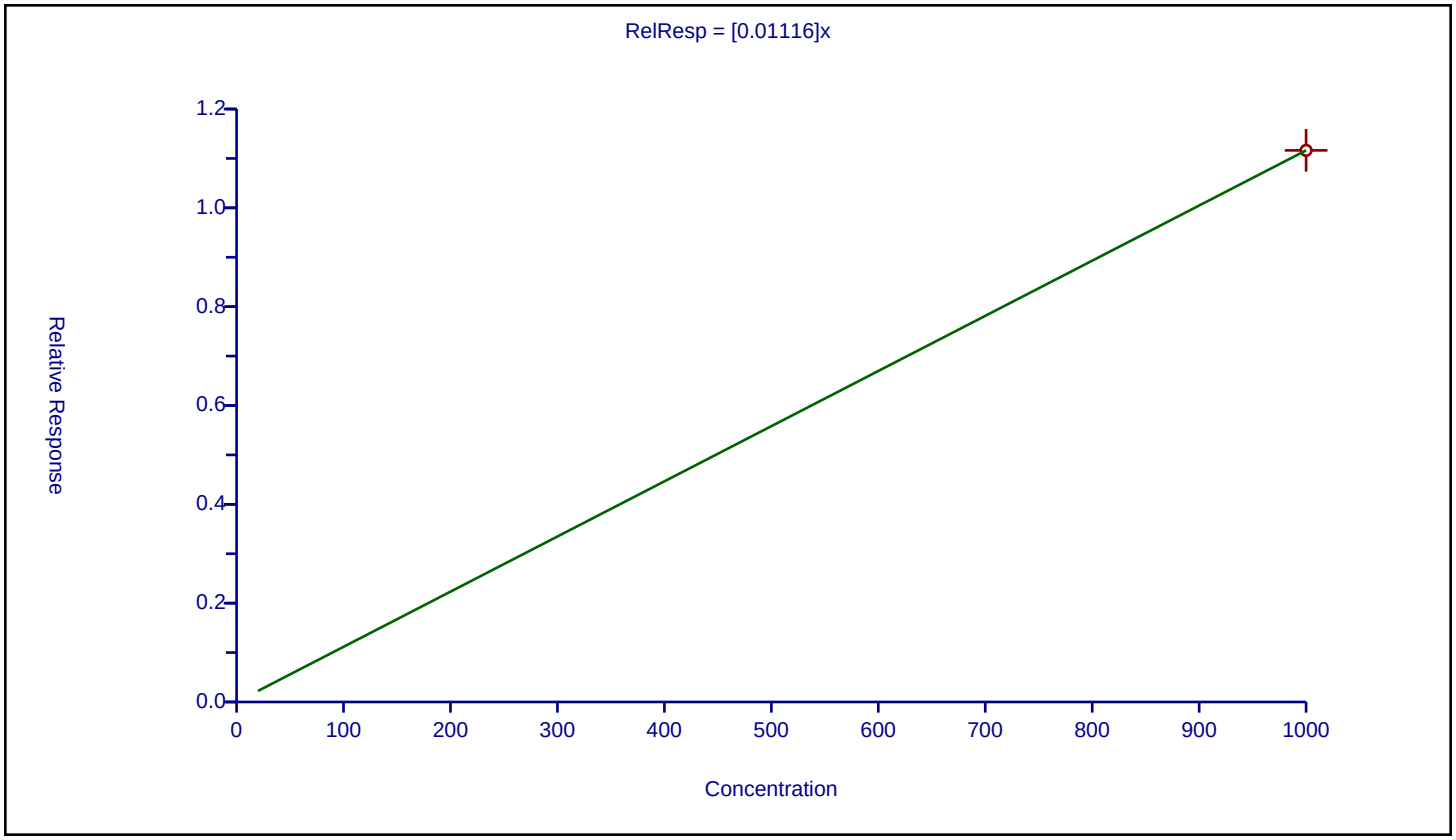
Curve Coefficients

Intercept:	0
Slope:	0.01116

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	11.163067	20.0	16220479.0	0.011163	Y



Calibration / PCB-1254 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

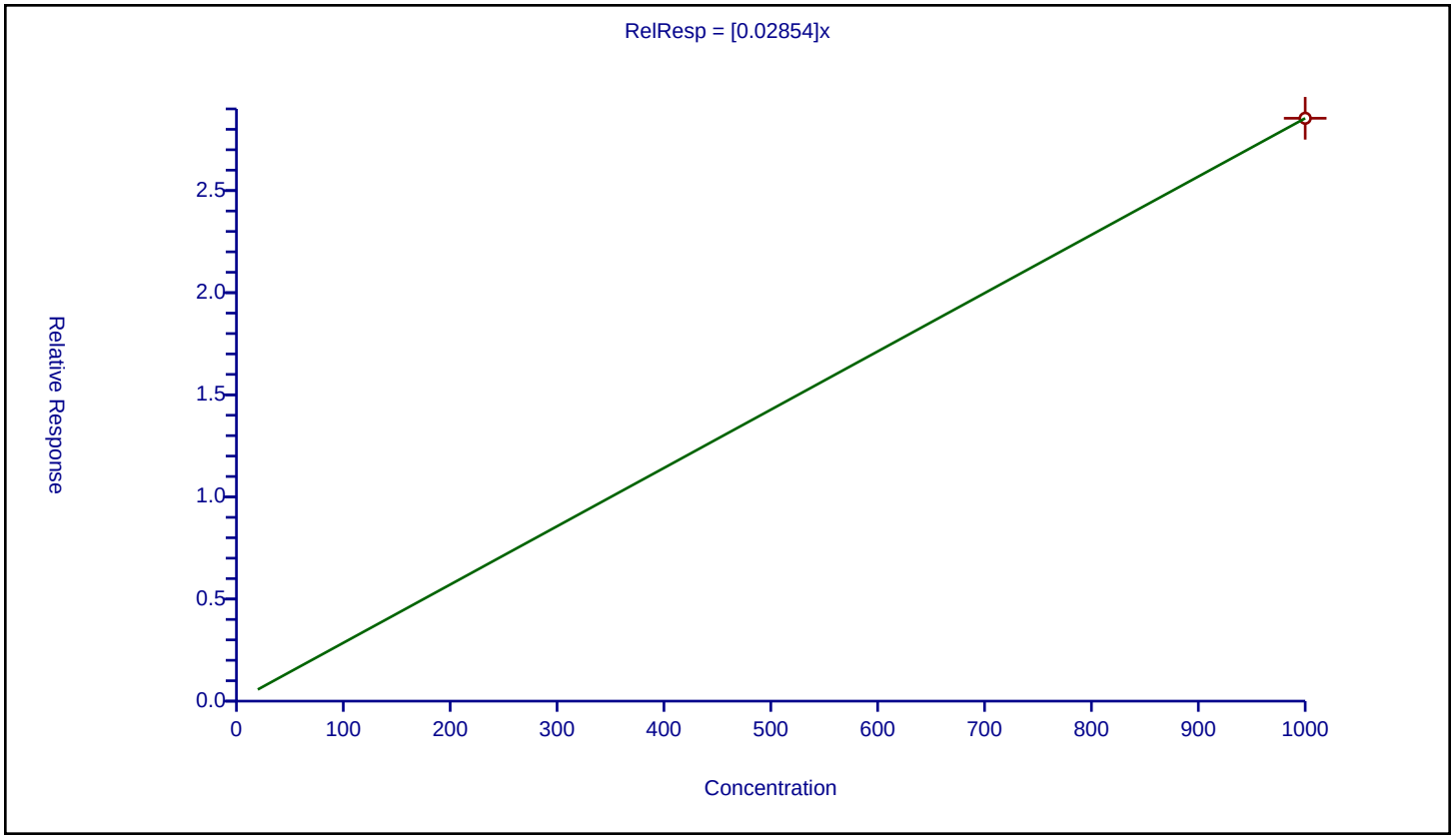
Curve Coefficients

Intercept:	0
Slope:	0.02854

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	28.541401	20.0	16220479.0	0.028541	Y



Calibration / PCB-1254 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

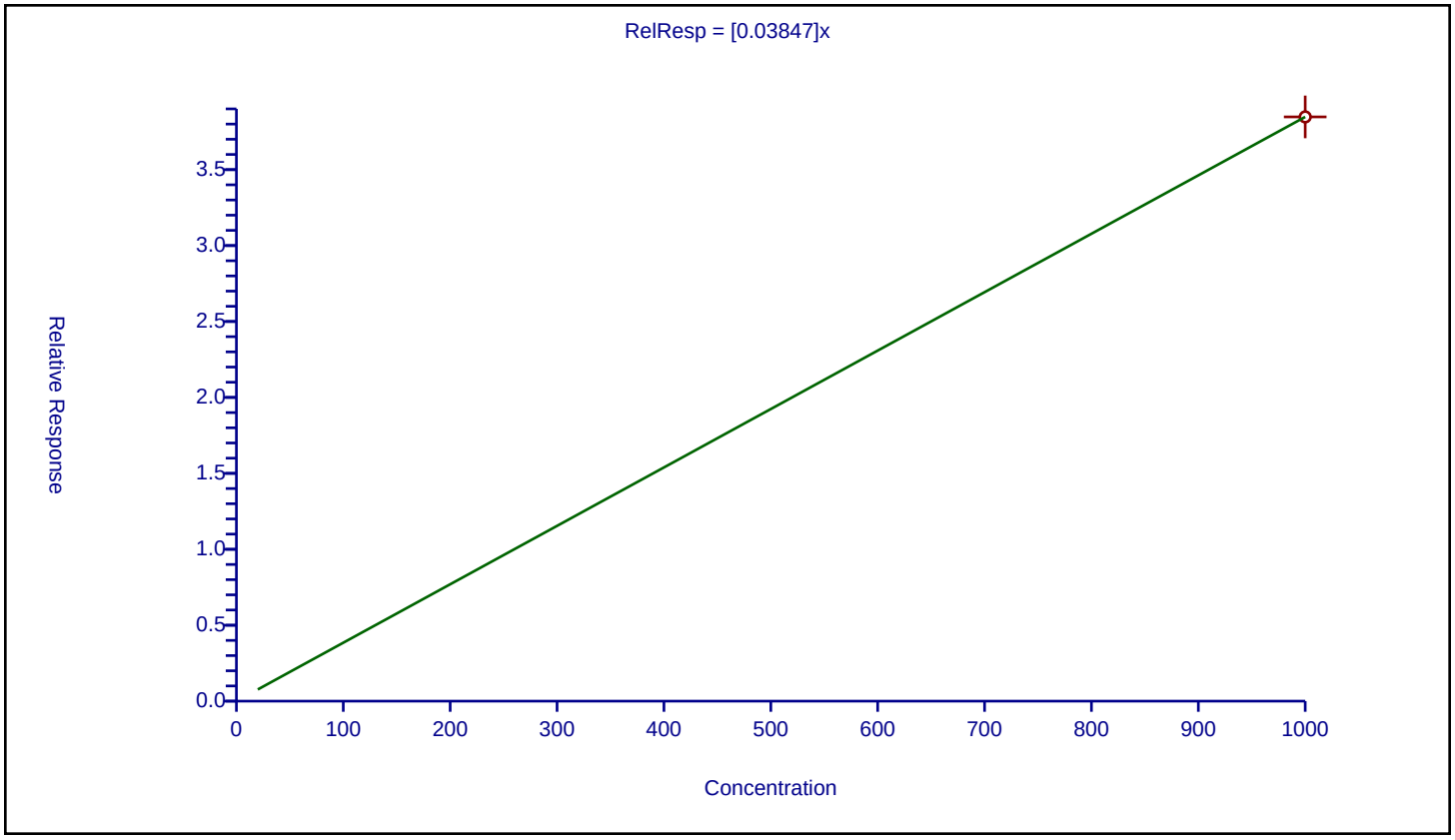
Curve Coefficients

Intercept:	0
Slope:	0.03847

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	38.471987	20.0	16220479.0	0.038472	Y



Calibration / PCB-1254 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

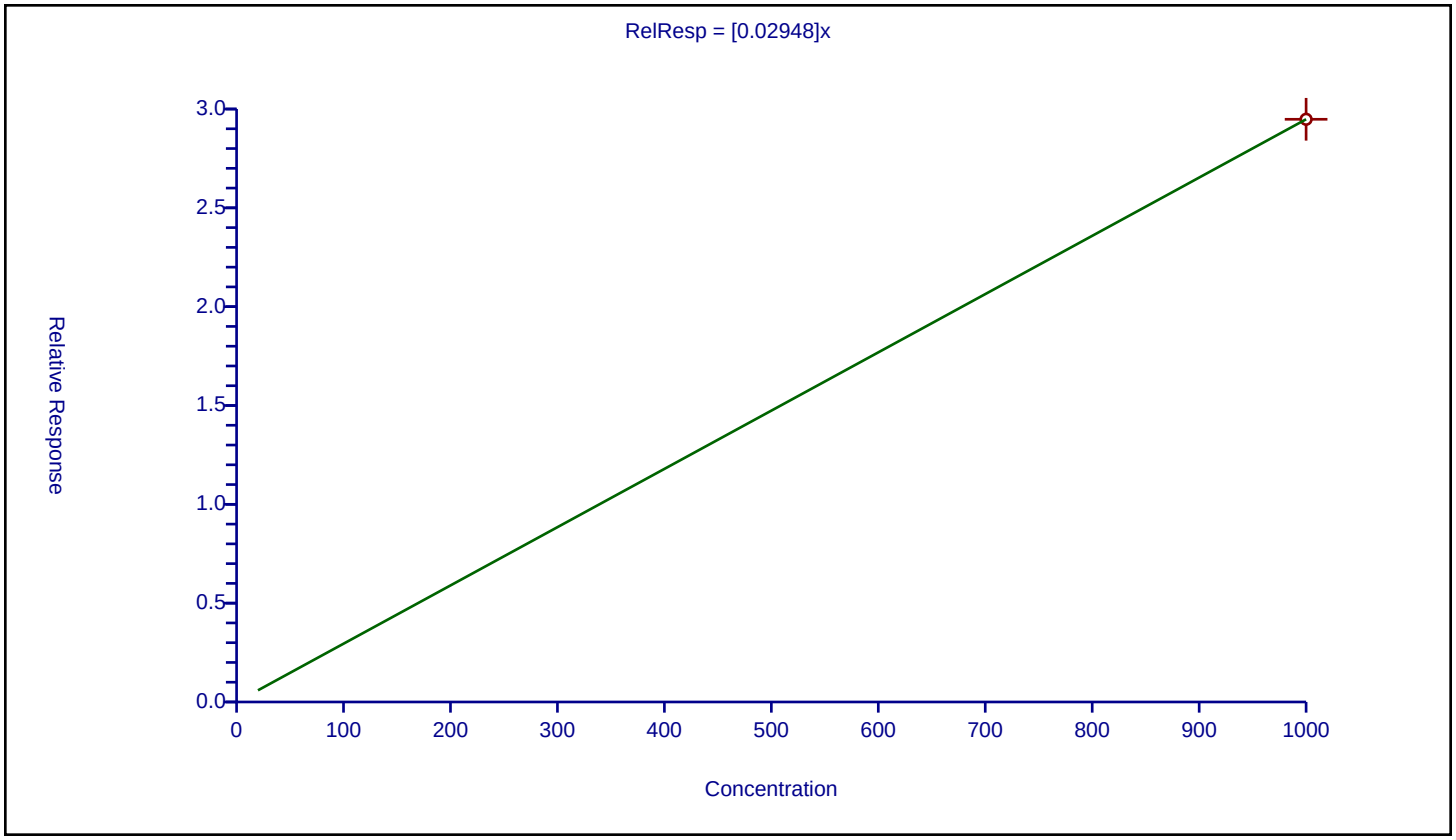
Curve Coefficients

Intercept:	0
Slope:	0.02948

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	29.480081	20.0	16220479.0	0.02948	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

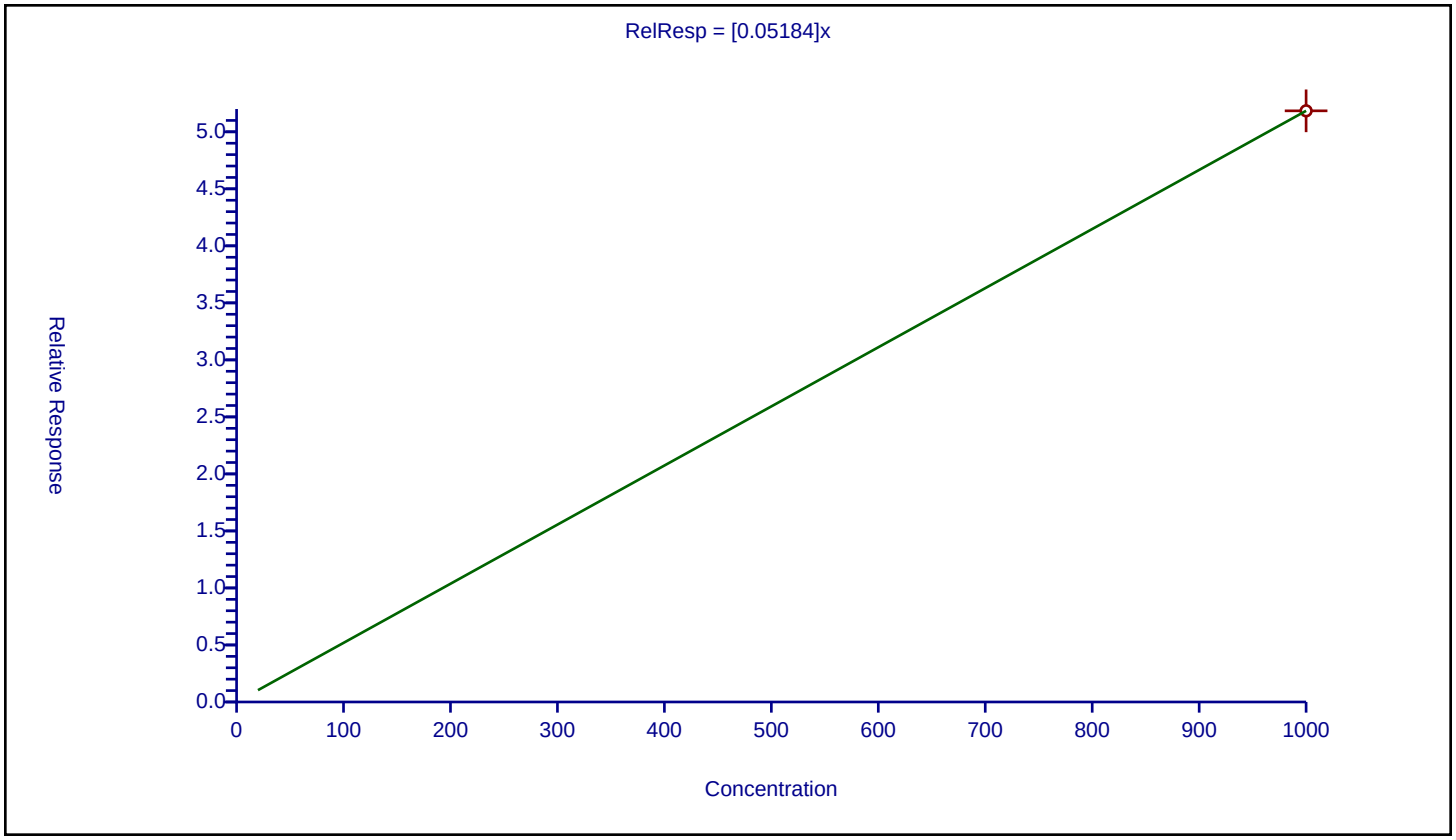
Curve Coefficients

Intercept:	0
Slope:	0.05184

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	51.84194	20.0	16220479.0	0.051842	Y



Calibration / PCB-1254 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

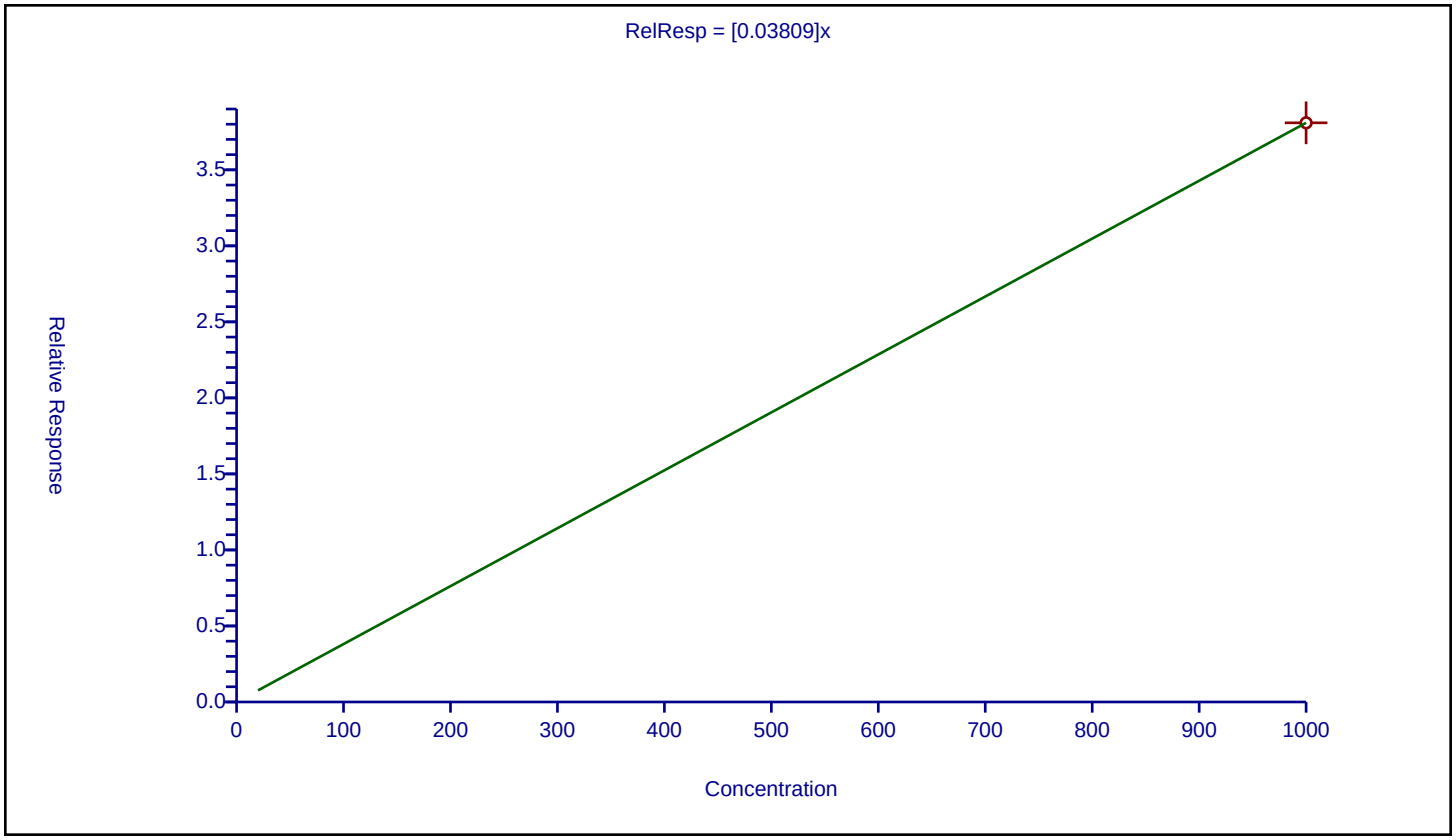
Curve Coefficients

Intercept:	0
Slope:	0.03809

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	38.092038	20.0	16220479.0	0.038092	Y



Calibration / PCB-1254 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

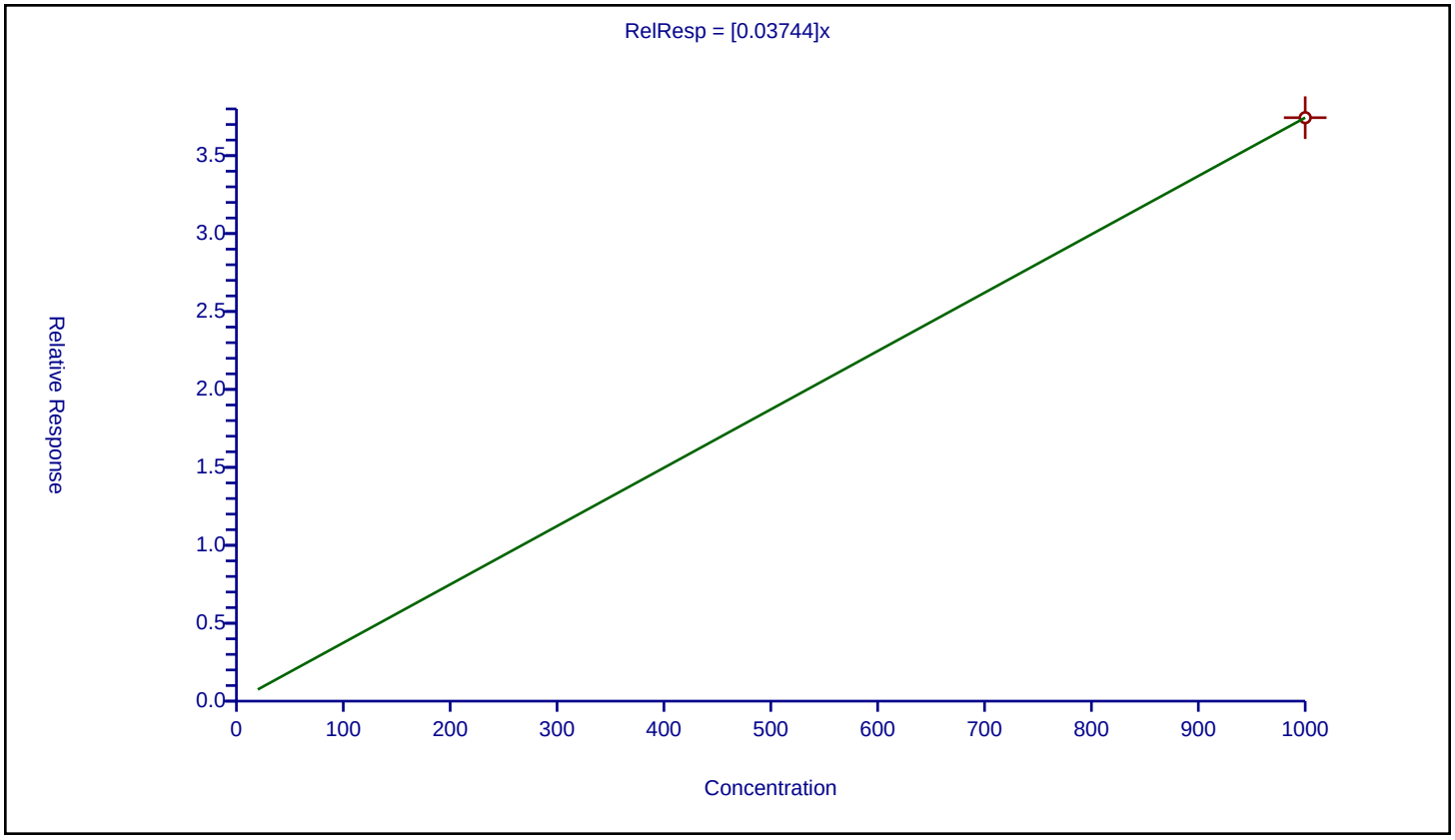
Curve Coefficients

Intercept:	0
Slope:	0.03744

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	37.436425	20.0	16220479.0	0.037436	Y



Calibration / PCB-1254 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

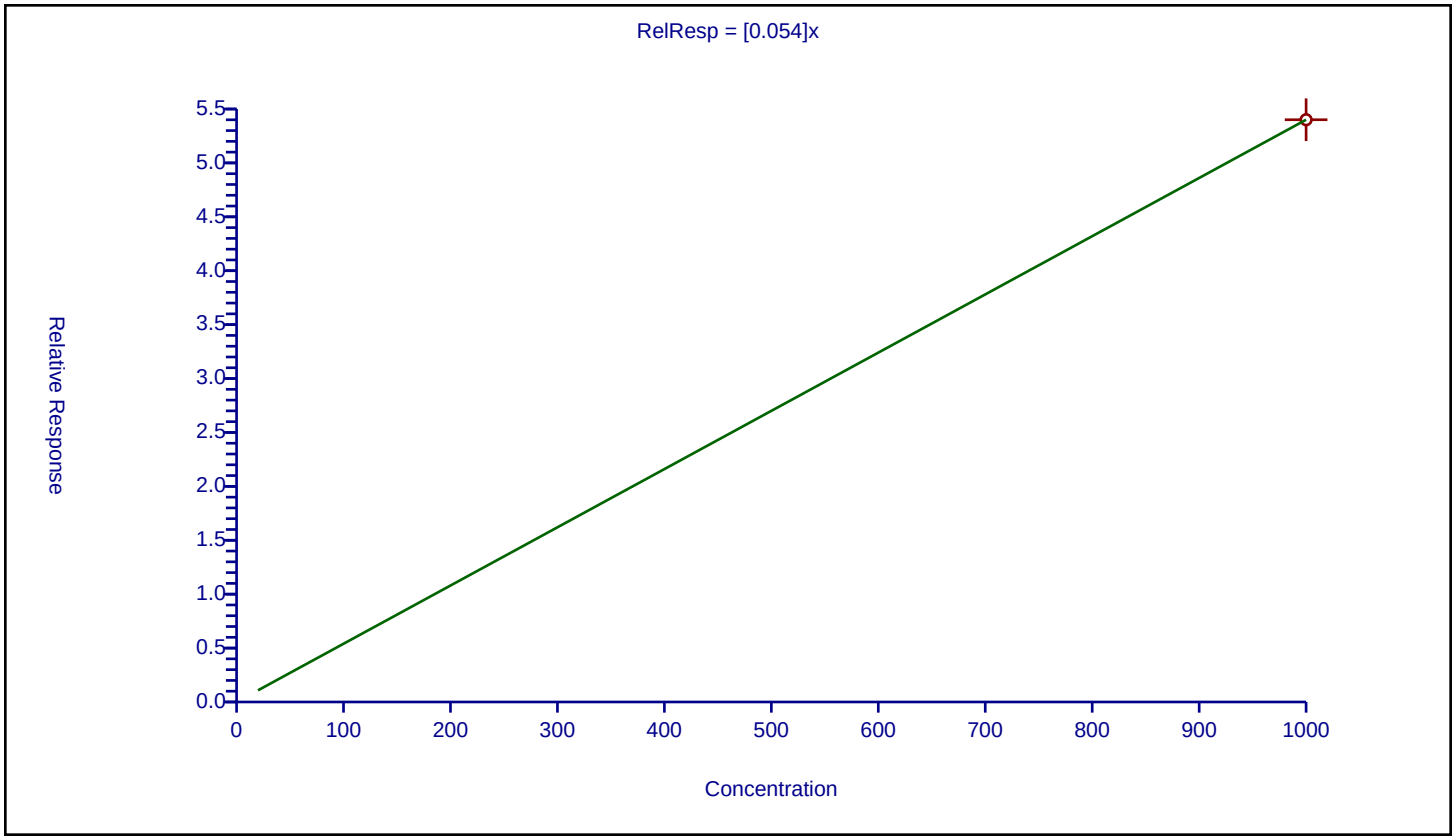
Curve Coefficients

Intercept:	0
Slope:	0.054

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/12	1000.0	54.00478	20.0	16220479.0	0.054005	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:37 Calibration End Date: 01/07/2021 13:37 Calibration ID: 83374

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/13	13F0008263.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0312					Ave		0.0312						20.0			
PCB-1262 Peak 2	0.0360					Ave		0.0360						20.0			
PCB-1262 Peak 3	0.0514					Ave		0.0514						20.0			
PCB-1262 Peak 4	0.0483					Ave		0.0483						20.0			
PCB-1262 Peak 5	0.0959					Ave		0.0959						20.0			
PCB-1262 Peak 6	0.0126					Ave		0.0126						20.0			
PCB-1262 Peak 7	0.0301					Ave		0.0301						20.0			
PCB-1262 Peak 8	0.0100					Ave		0.0100						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:37 Calibration End Date: 01/07/2021 13:37 Calibration ID: 83374

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/13	13F0008263.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	34972131					1000				
PCB-1262 Peak 2	BNB	Ave	40309326					1000				
PCB-1262 Peak 3	BNB	Ave	57599368					1000				
PCB-1262 Peak 4	BNB	Ave	54143859					1000				
PCB-1262 Peak 5	BNB	Ave	107485883					1000				
PCB-1262 Peak 6	BNB	Ave	14123459					1000				
PCB-1262 Peak 7	BNB	Ave	33775279					1000				
PCB-1262 Peak 8	BNB	Ave	11221803					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008263.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 13:37:39 ALS Bottle#: 17 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-013
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:35 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:54:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.703	1.703	0.000	22408437	20.0	20.0	
2	1.412	1.412	0.000	17014232	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							
1	6.943	6.943	0.000	34972131	1000.0	1000.0	
1	7.317	7.317	0.000	40309326	1000.0	1000.0	
1	8.166	8.166	0.000	57599368	1000.0	1000.0	
1	8.770	8.770	0.000	54143859	1000.0	1000.0	
1	9.348	9.348	0.000	107485883	1000.0	1000.0	
1	10.442	10.442	0.000	14123459	1000.0	1000.0	
1	10.627	10.627	0.000	33775279	1000.0	1000.0	
1	10.947	10.947	0.000	11221803	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	5.391	5.391	0.000	26358977	1000.0	1000.0	
2	6.644	6.644	0.000	41354330	1000.0	1000.0	
2	7.158	7.158	0.000	95050479	1000.0	1000.0	
2	7.646	7.646	0.000	27076518	1000.0	1000.0	
2	7.803	7.803	0.000	40214098	1000.0	1000.0	
2	8.340	8.340	0.000	13475882	1000.0	1000.0	
2	8.906	8.906	0.000	29665035	1000.0	1000.0	
2	9.517	9.517	0.000	11019256	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

SG1262L4_00030	Amount Added: 1.00	Units: mL	
SGPCBISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:35 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008263.D

Injection Date: 07-Jan-2021 13:37:39 Instrument ID: CPESTGC13 Operator ID:

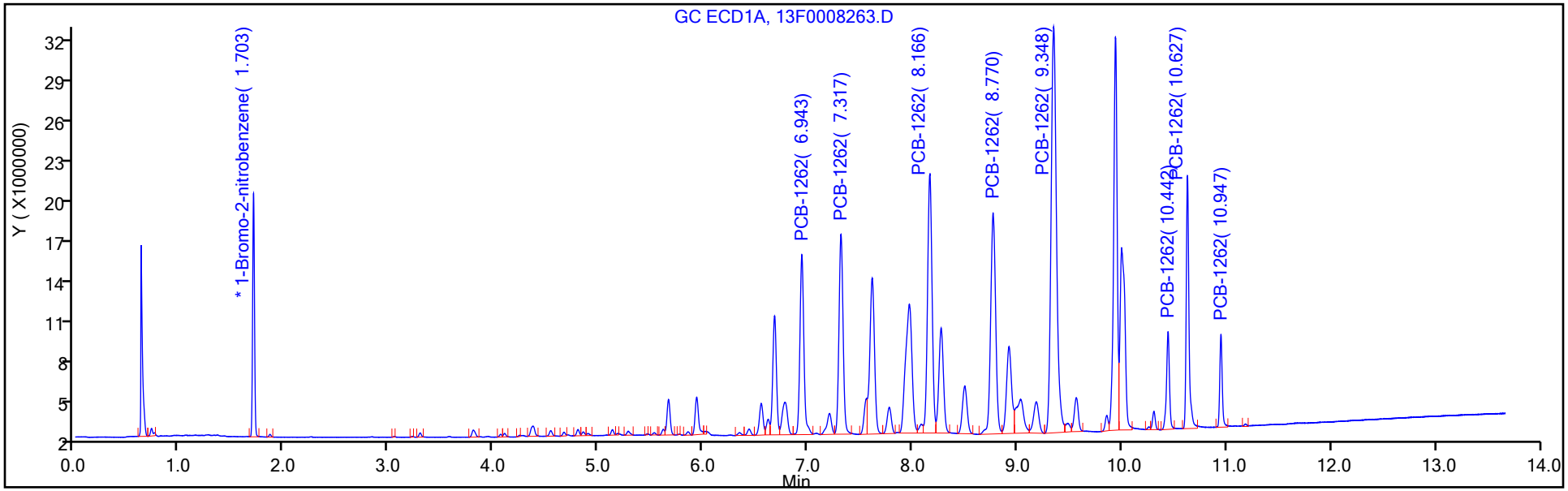
Lims ID: IC 1262 Worklist Smp#: 13

Client ID:

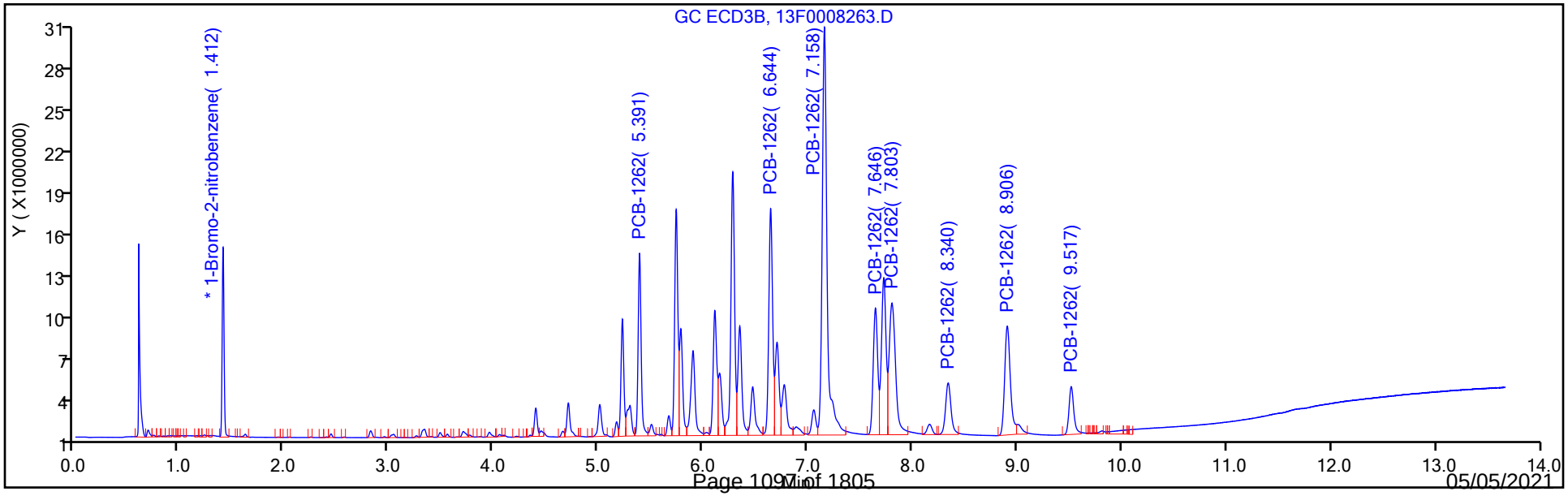
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Calibration / PCB-1262 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

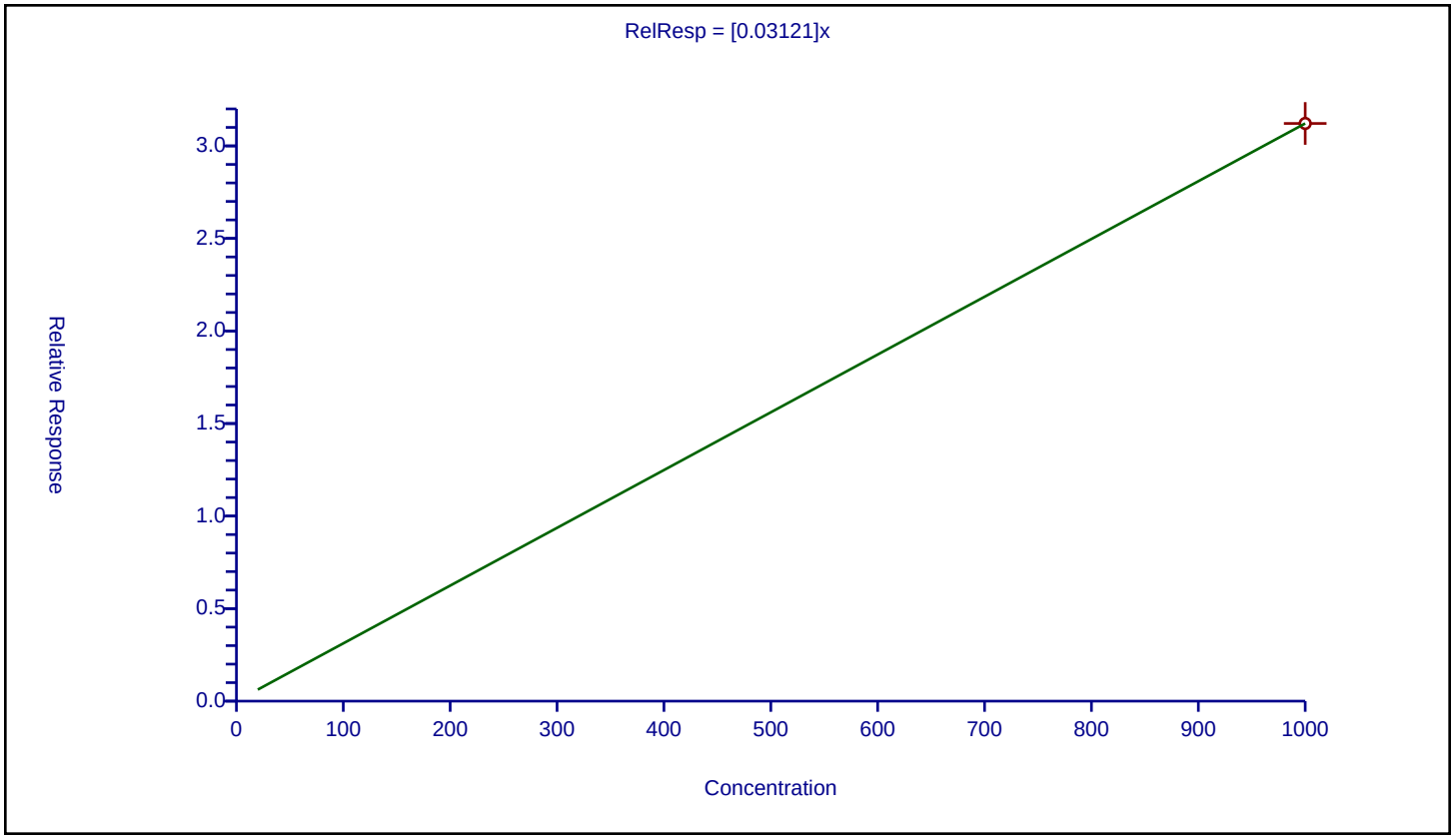
Curve Coefficients

Intercept:	0
Slope:	0.03121

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	31.21336	20.0	22408437.0	0.031213	Y



Calibration / PCB-1262 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

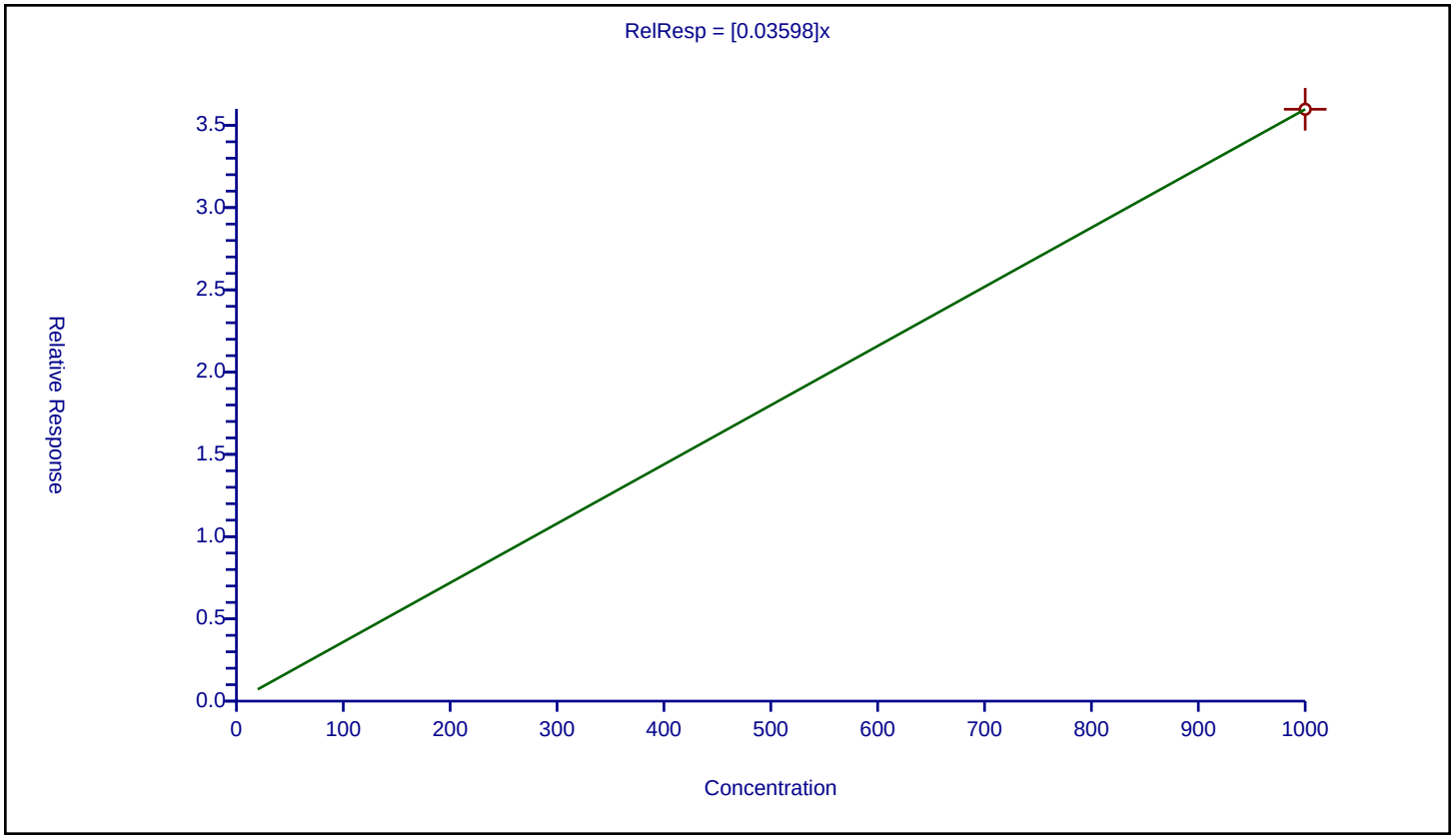
Curve Coefficients

Intercept:	0
Slope:	0.03598

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	35.976919	20.0	22408437.0	0.035977	Y



Calibration / PCB-1262 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

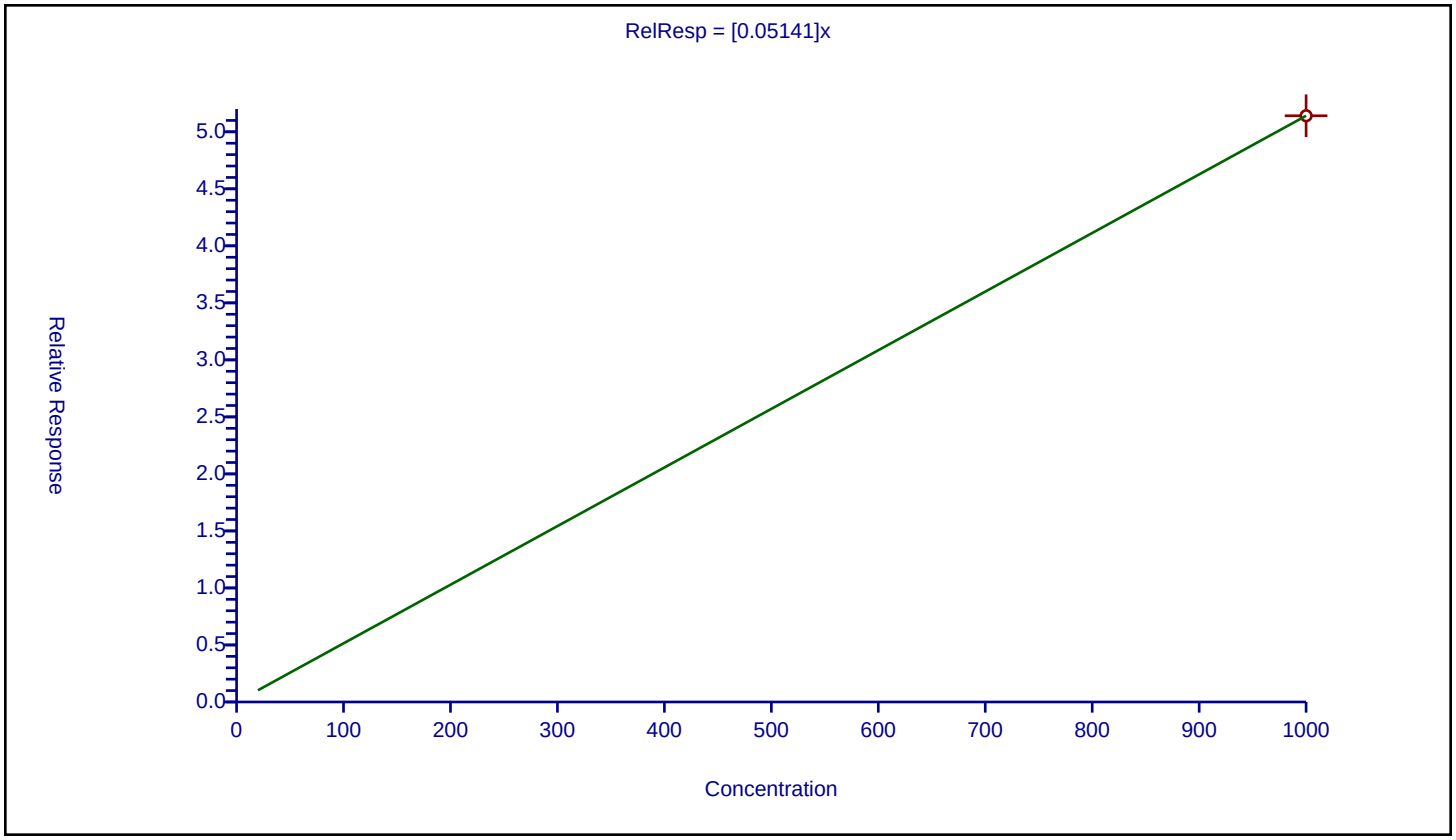
Curve Coefficients

Intercept:	0
Slope:	0.05141

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	51.408644	20.0	22408437.0	0.051409	Y



Calibration / PCB-1262 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

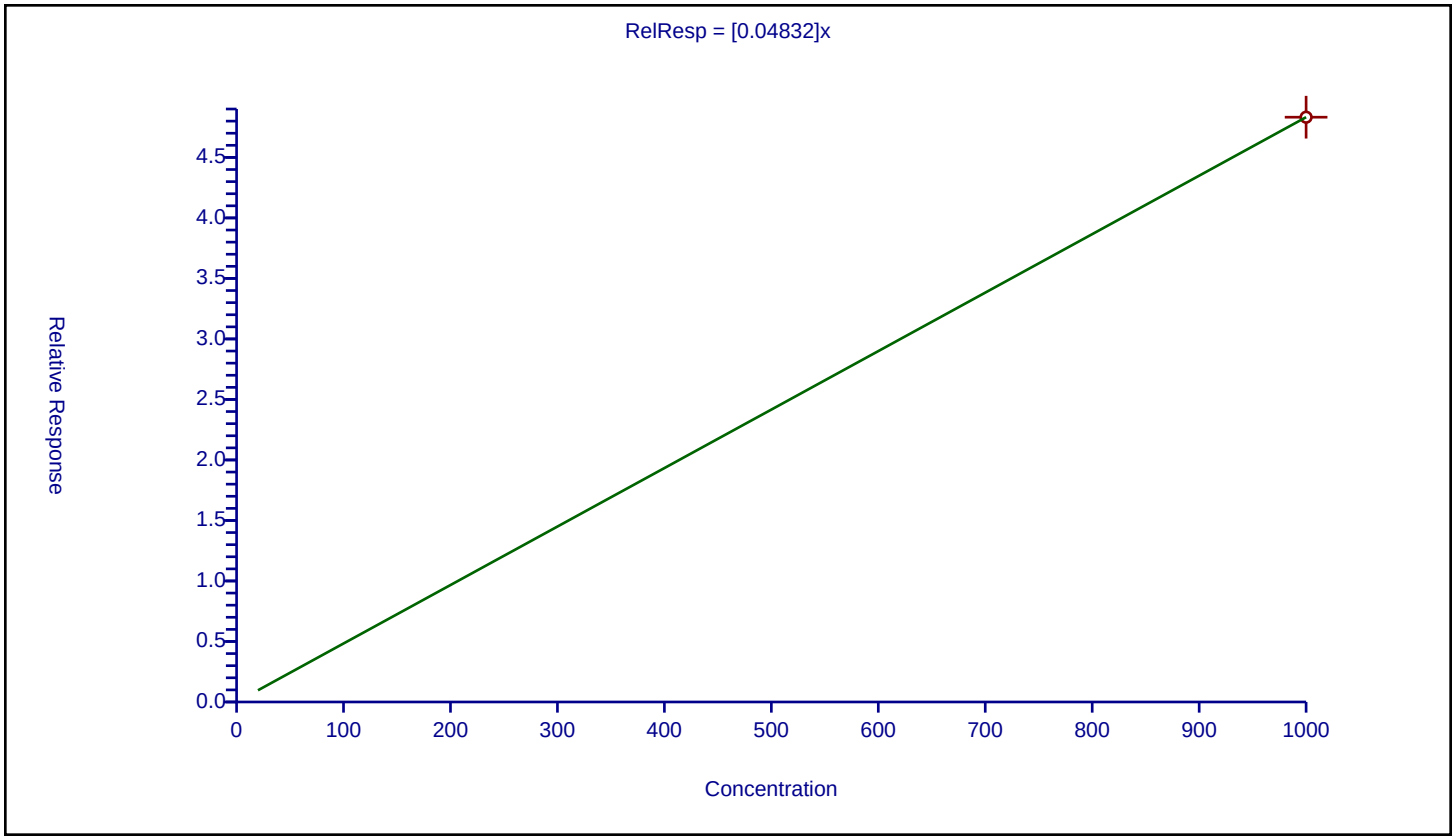
Curve Coefficients

Intercept:	0
Slope:	0.04832

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	48.32453	20.0	22408437.0	0.048325	Y



Calibration / PCB-1262 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

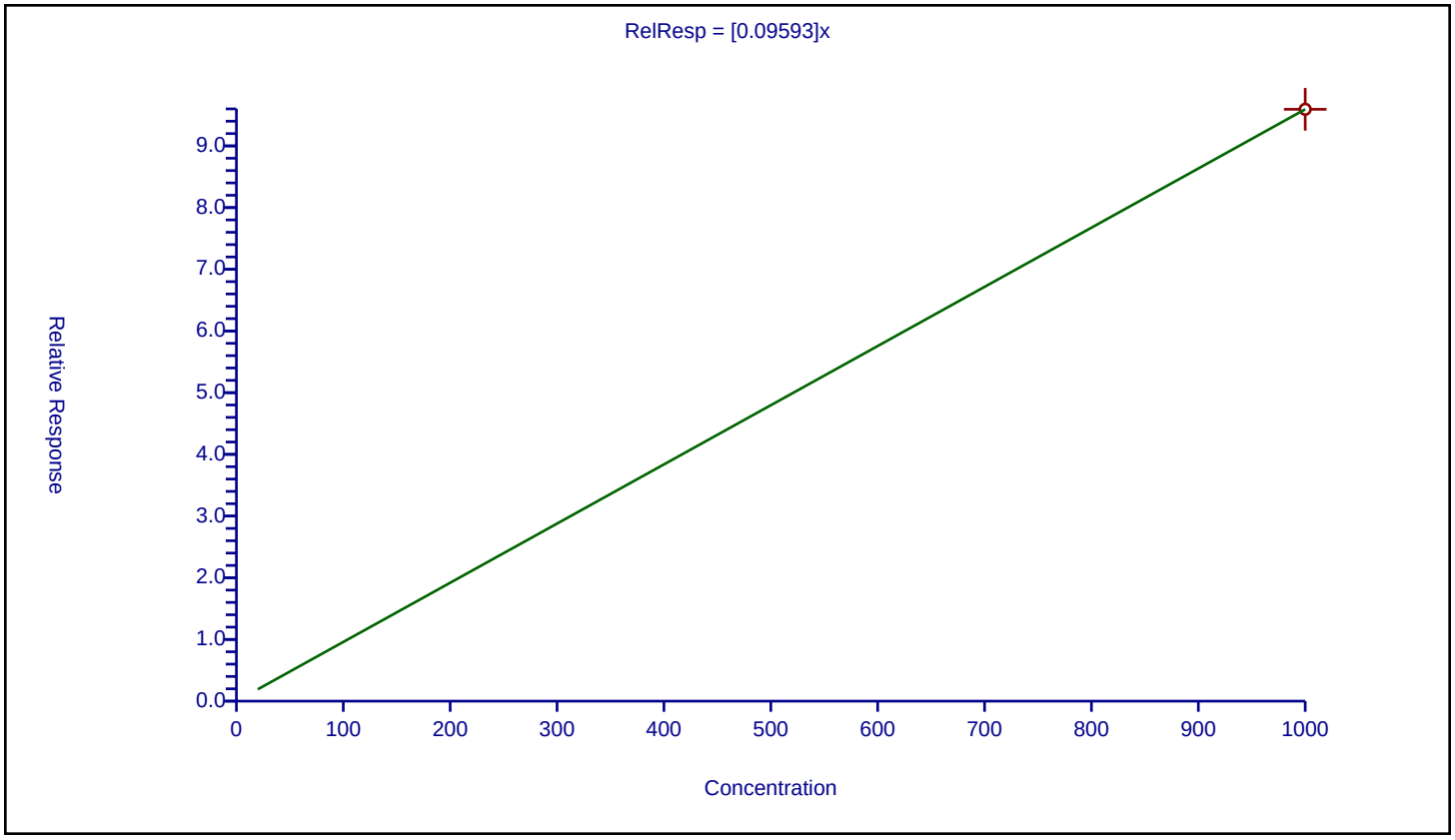
Curve Coefficients

Intercept:	0
Slope:	0.09593

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	95.933405	20.0	22408437.0	0.095933	Y



Calibration / PCB-1262 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

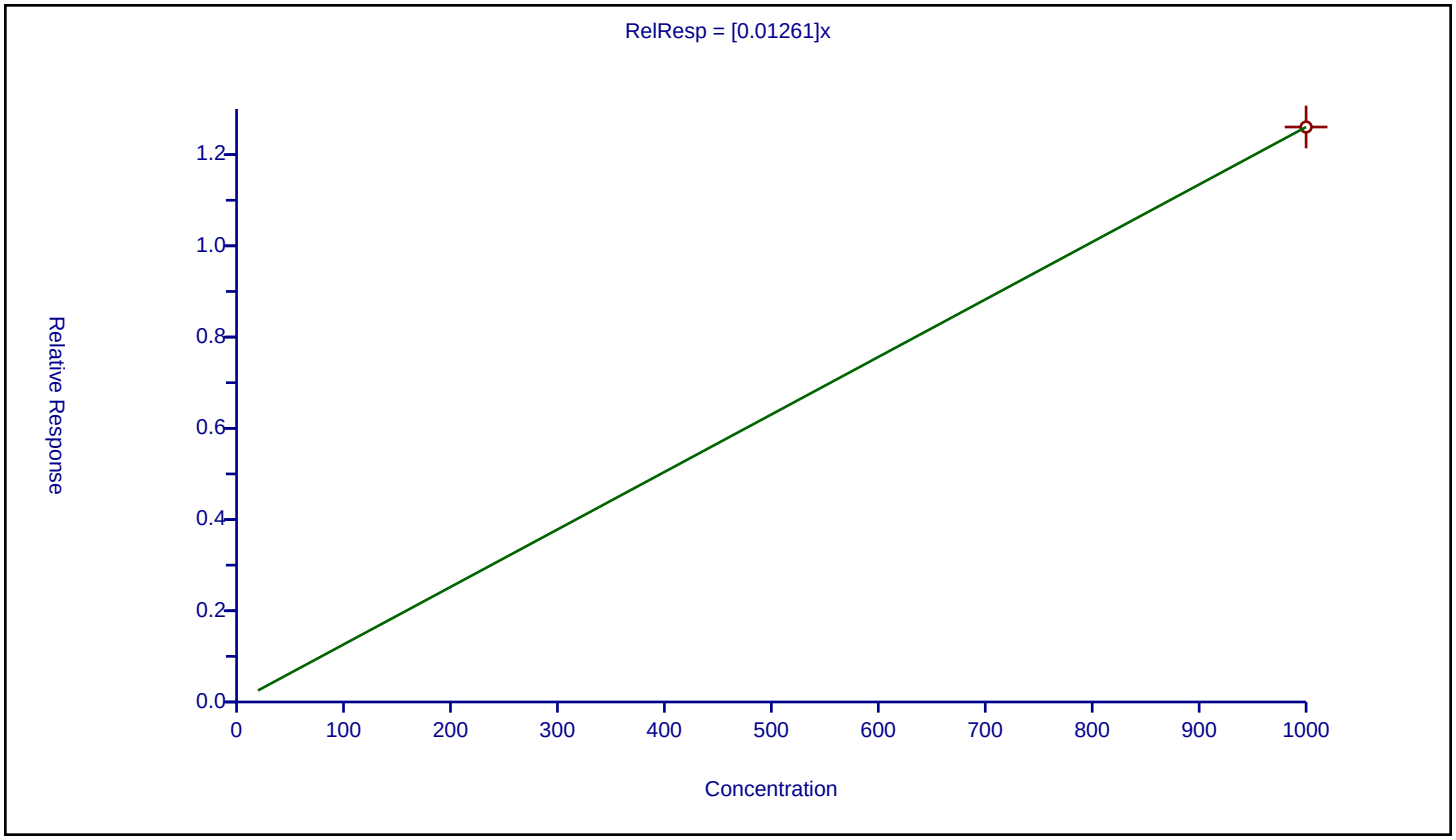
Curve Coefficients

Intercept:	0
Slope:	0.01261

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	12.605483	20.0	22408437.0	0.012605	Y



Calibration / PCB-1262 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

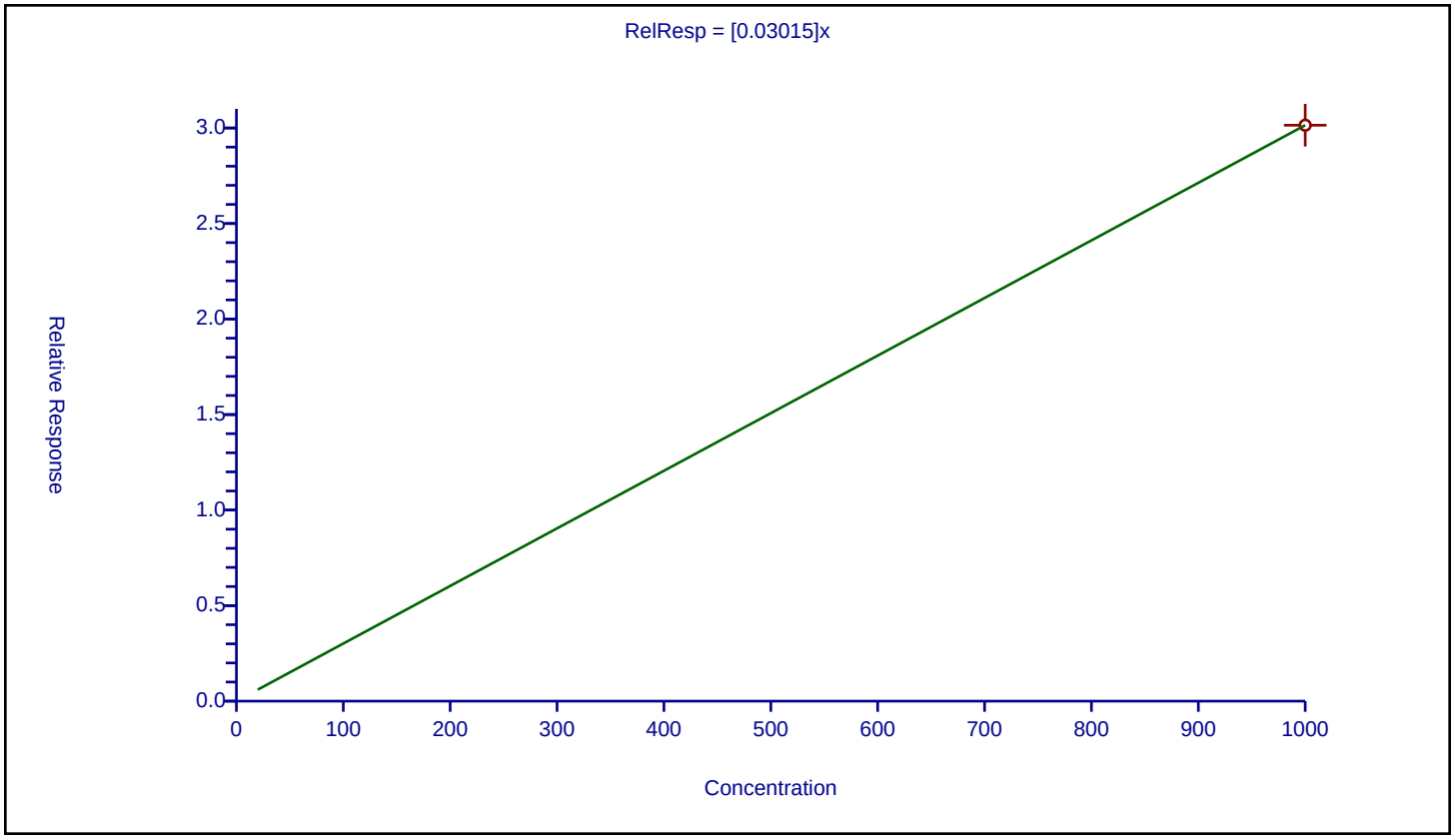
Curve Coefficients

Intercept:	0
Slope:	0.03015

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	30.145145	20.0	22408437.0	0.030145	Y



Calibration / PCB-1262 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

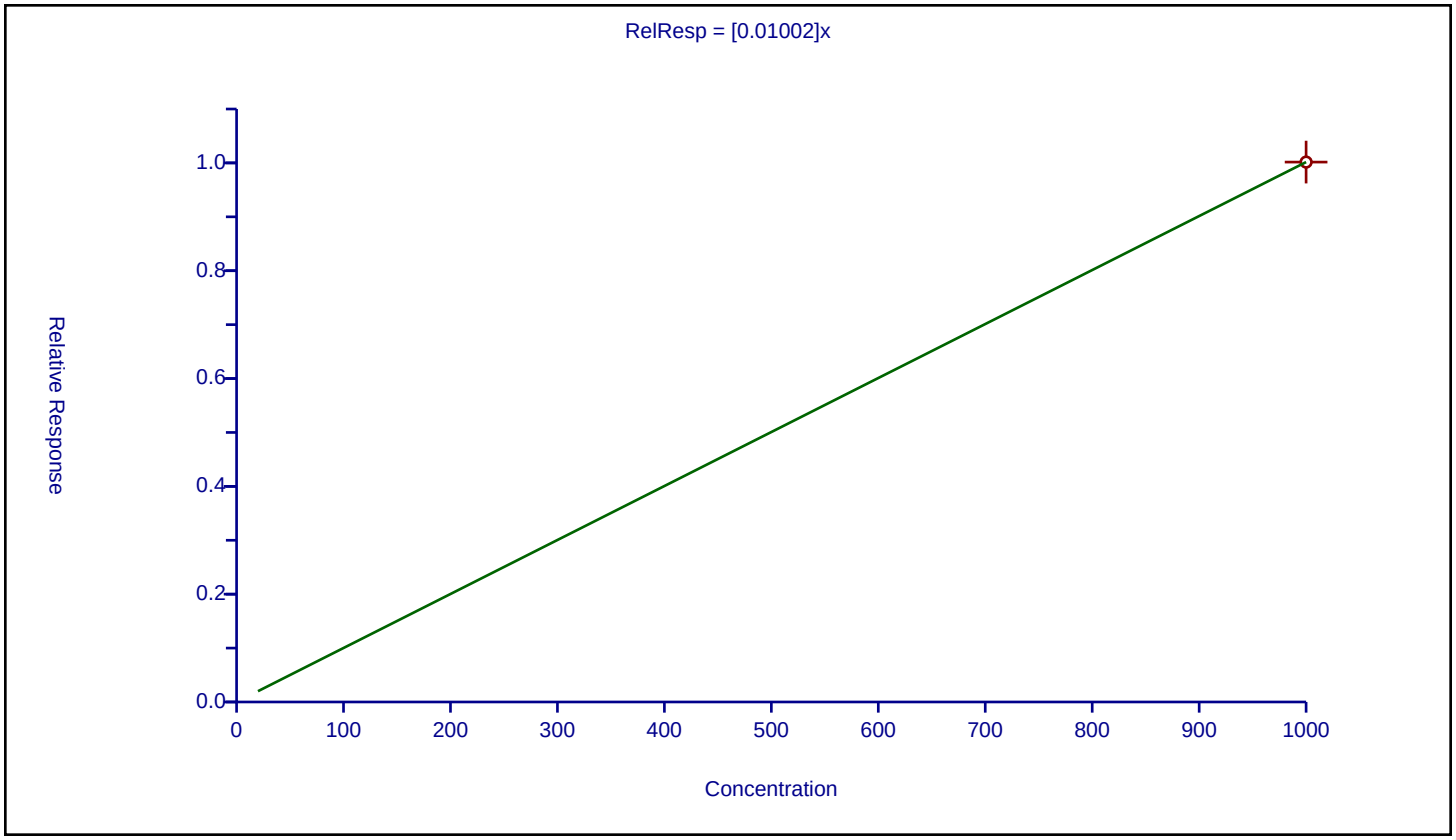
Curve Coefficients

Intercept:	0
Slope:	0.01002

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	10.015695	20.0	22408437.0	0.010016	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:37 Calibration End Date: 01/07/2021 13:37 Calibration ID: 83375

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/13	13F0008263.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0310					Ave		0.0310						20.0			
PCB-1262 Peak 2	0.0486					Ave		0.0486						20.0			
PCB-1262 Peak 3	0.1117					Ave		0.1117						20.0			
PCB-1262 Peak 4	0.0318					Ave		0.0318						20.0			
PCB-1262 Peak 5	0.0473					Ave		0.0473						20.0			
PCB-1262 Peak 6	0.0158					Ave		0.0158						20.0			
PCB-1262 Peak 7	0.0349					Ave		0.0349						20.0			
PCB-1262 Peak 8	0.0130					Ave		0.0130						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:37 Calibration End Date: 01/07/2021 13:37 Calibration ID: 83375

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/13	13F0008263.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	26358977					1000				
PCB-1262 Peak 2	BNB	Ave	41354330					1000				
PCB-1262 Peak 3	BNB	Ave	95050479					1000				
PCB-1262 Peak 4	BNB	Ave	27076518					1000				
PCB-1262 Peak 5	BNB	Ave	40214098					1000				
PCB-1262 Peak 6	BNB	Ave	13475882					1000				
PCB-1262 Peak 7	BNB	Ave	29665035					1000				
PCB-1262 Peak 8	BNB	Ave	11019256					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008263.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 13:37:39 ALS Bottle#: 17 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-013
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:35 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:54:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.703	1.703	0.000	22408437	20.0	20.0	
2	1.412	1.412	0.000	17014232	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							
1	6.943	6.943	0.000	34972131	1000.0	1000.0	
1	7.317	7.317	0.000	40309326	1000.0	1000.0	
1	8.166	8.166	0.000	57599368	1000.0	1000.0	
1	8.770	8.770	0.000	54143859	1000.0	1000.0	
1	9.348	9.348	0.000	107485883	1000.0	1000.0	
1	10.442	10.442	0.000	14123459	1000.0	1000.0	
1	10.627	10.627	0.000	33775279	1000.0	1000.0	
1	10.947	10.947	0.000	11221803	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	5.391	5.391	0.000	26358977	1000.0	1000.0	
2	6.644	6.644	0.000	41354330	1000.0	1000.0	
2	7.158	7.158	0.000	95050479	1000.0	1000.0	
2	7.646	7.646	0.000	27076518	1000.0	1000.0	
2	7.803	7.803	0.000	40214098	1000.0	1000.0	
2	8.340	8.340	0.000	13475882	1000.0	1000.0	
2	8.906	8.906	0.000	29665035	1000.0	1000.0	
2	9.517	9.517	0.000	11019256	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

SG1262L4_00030	Amount Added: 1.00	Units: mL	
SGPCBISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:36 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008263.D

Injection Date: 07-Jan-2021 13:37:39 Instrument ID: CPESTGC13 Operator ID:

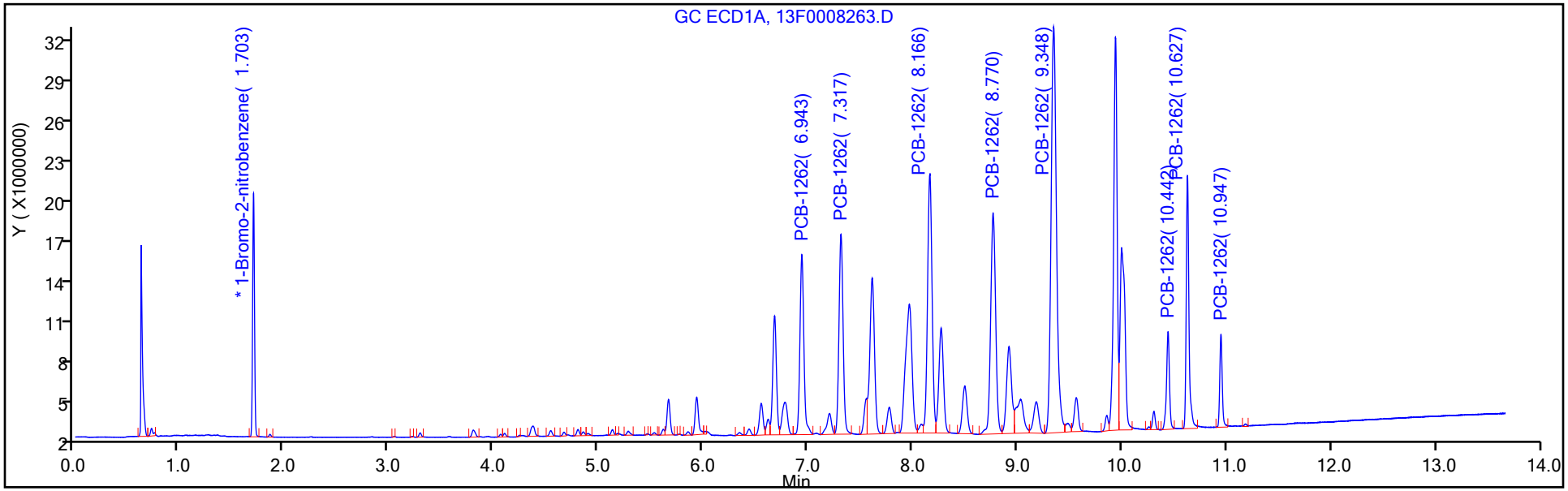
Lims ID: IC 1262 Worklist Smp#: 13

Client ID:

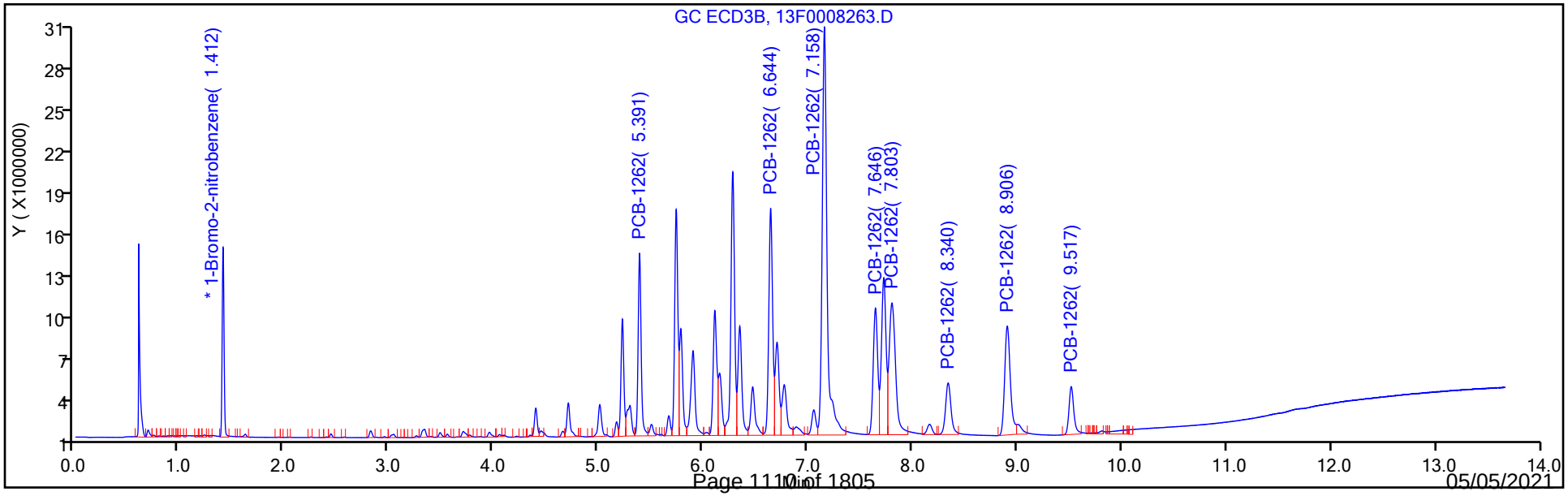
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Calibration / PCB-1262 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

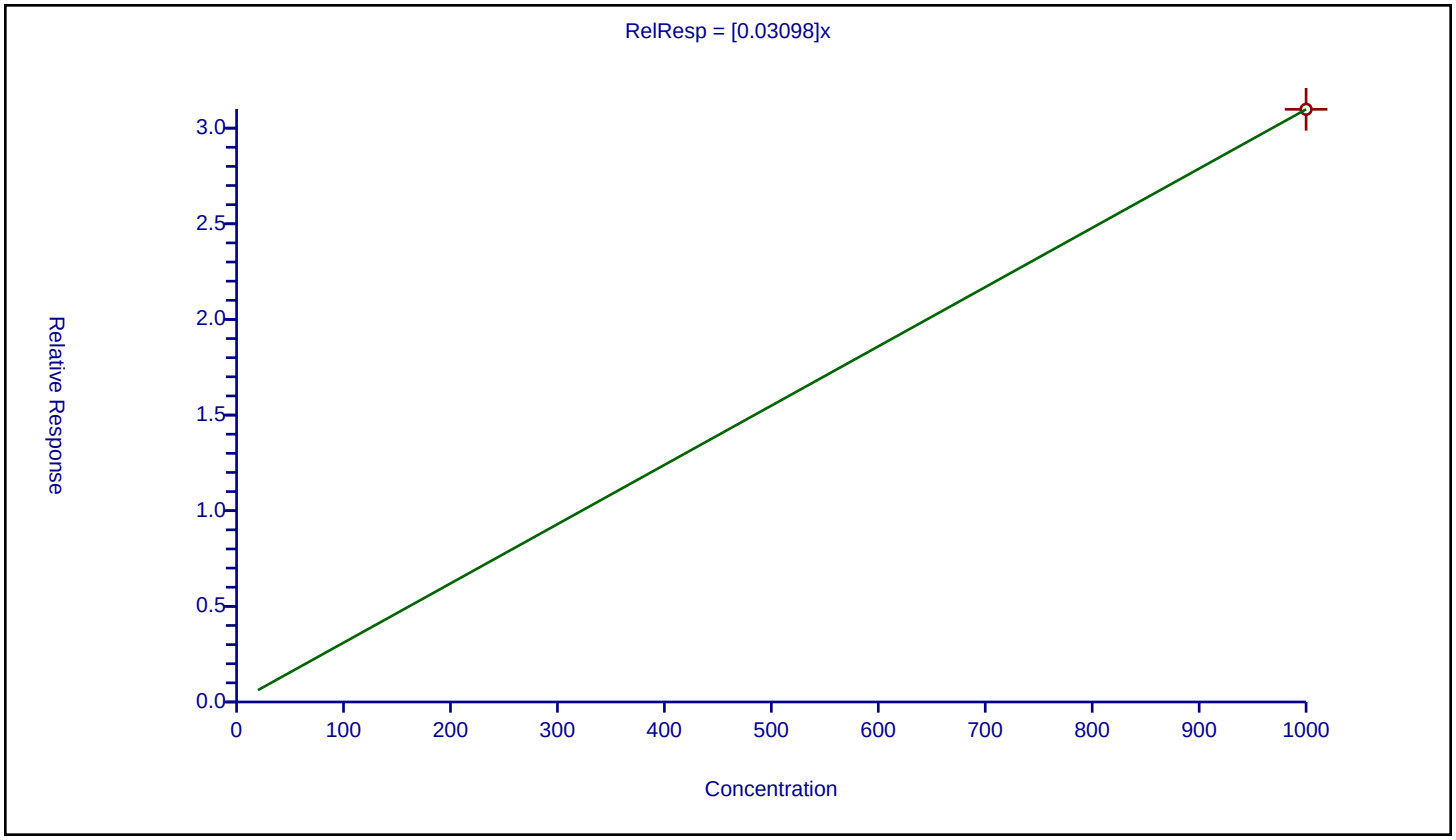
Curve Coefficients

Intercept:	0
Slope:	0.03098

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	30.984622	20.0	17014232.0	0.030985	Y



Calibration / PCB-1262 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

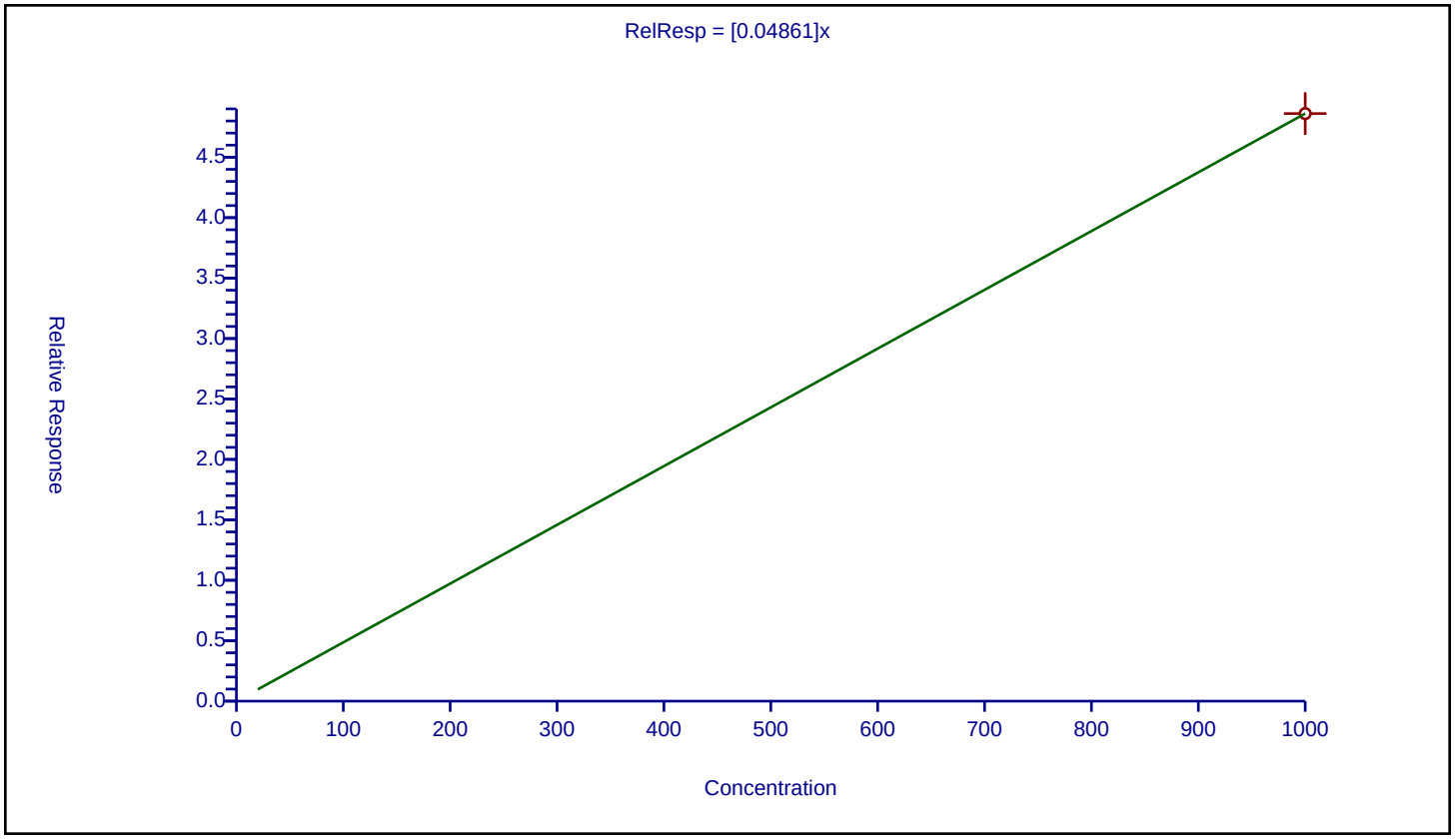
Curve Coefficients

Intercept:	0
Slope:	0.04861

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	48.611457	20.0	17014232.0	0.048611	Y



Calibration / PCB-1262 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

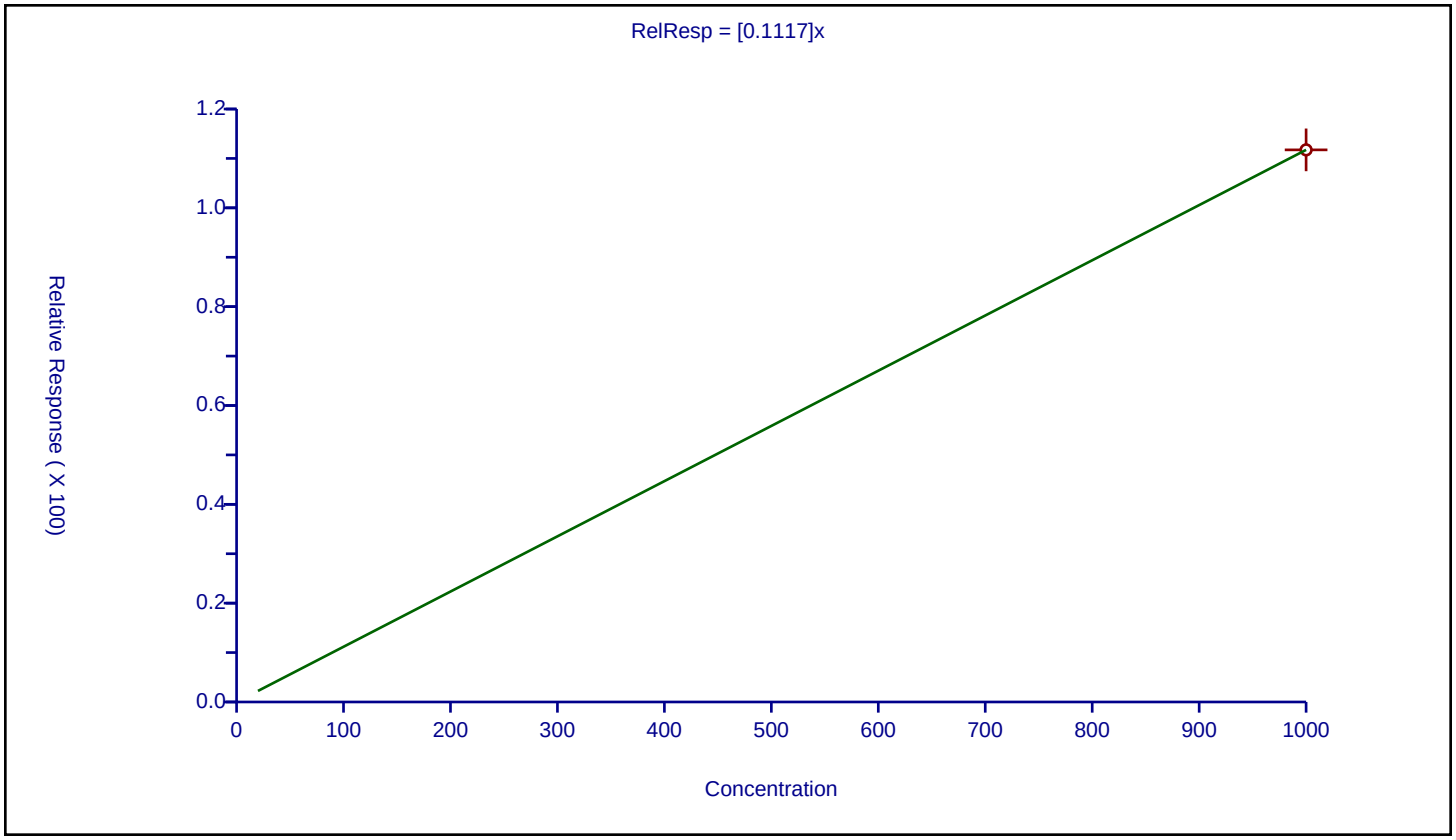
Curve Coefficients

Intercept:	0
Slope:	0.1117

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	111.730555	20.0	17014232.0	0.111731	Y



Calibration / PCB-1262 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

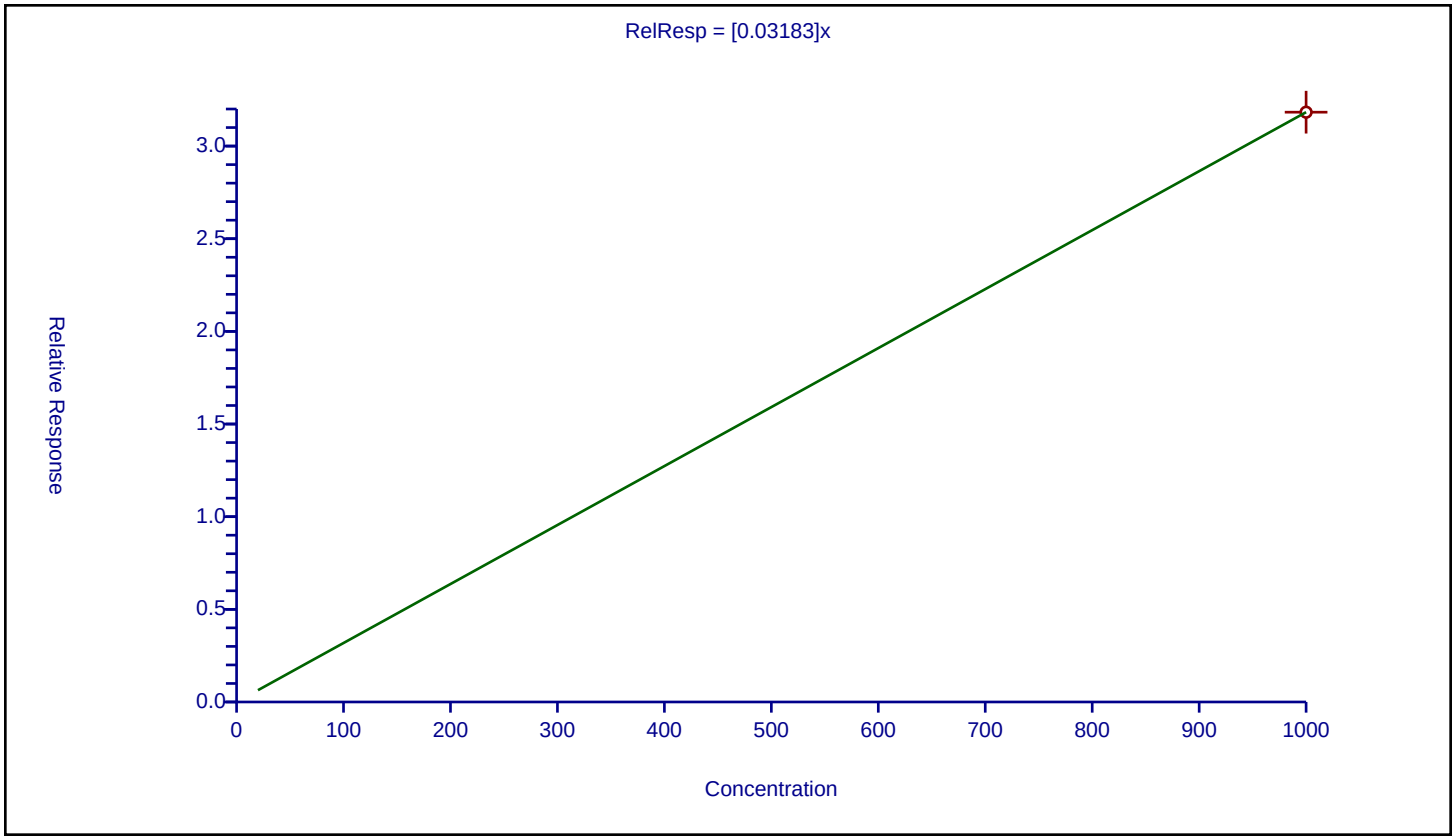
Curve Coefficients

Intercept:	0
Slope:	0.03183

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	1.00

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	31.828081	20.0	17014232.0	0.031828	Y



Calibration / PCB-1262 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

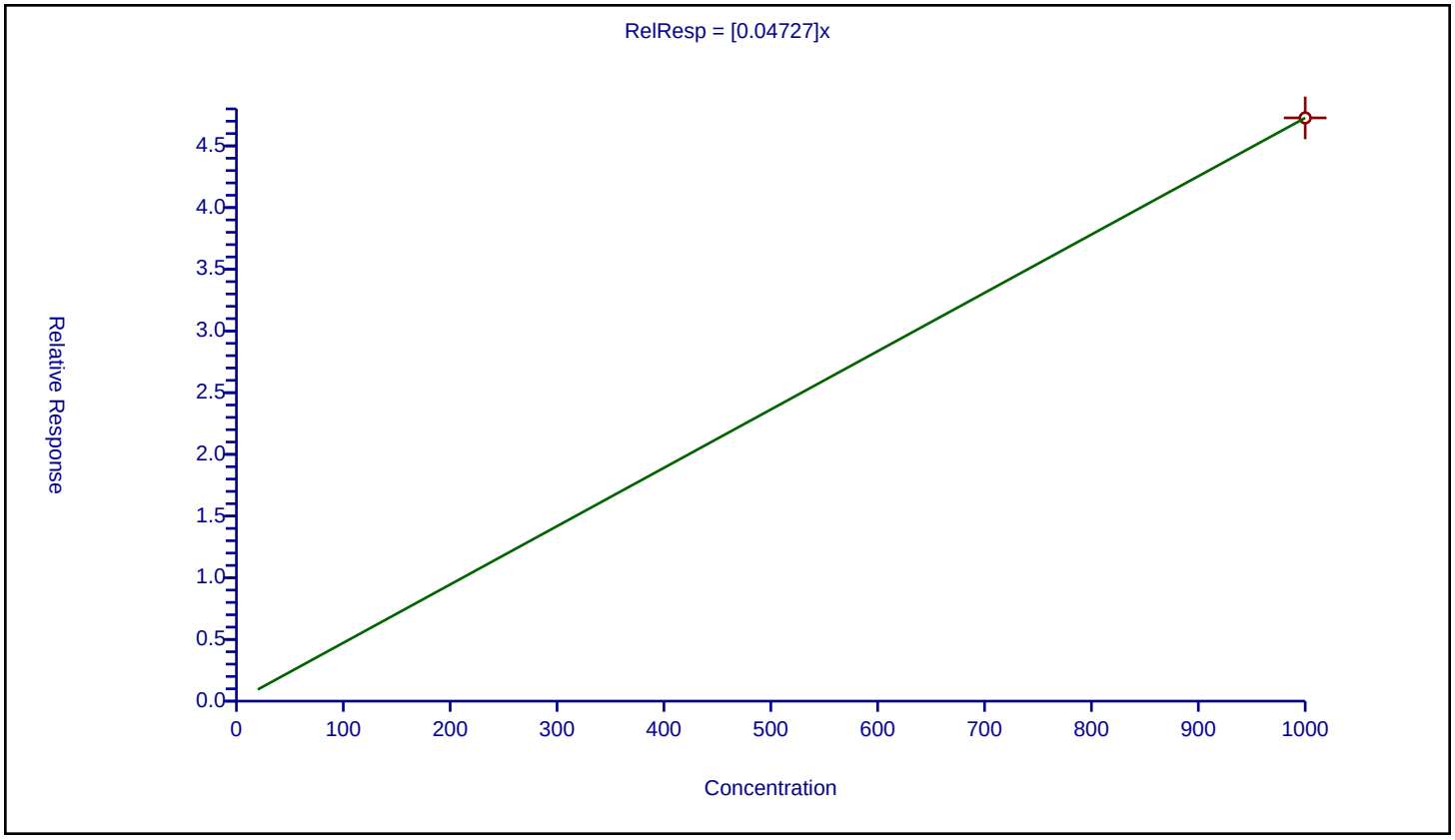
Curve Coefficients

Intercept:	0
Slope:	0.04727

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	47.271129	20.0	17014232.0	0.047271	Y



Calibration / PCB-1262 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

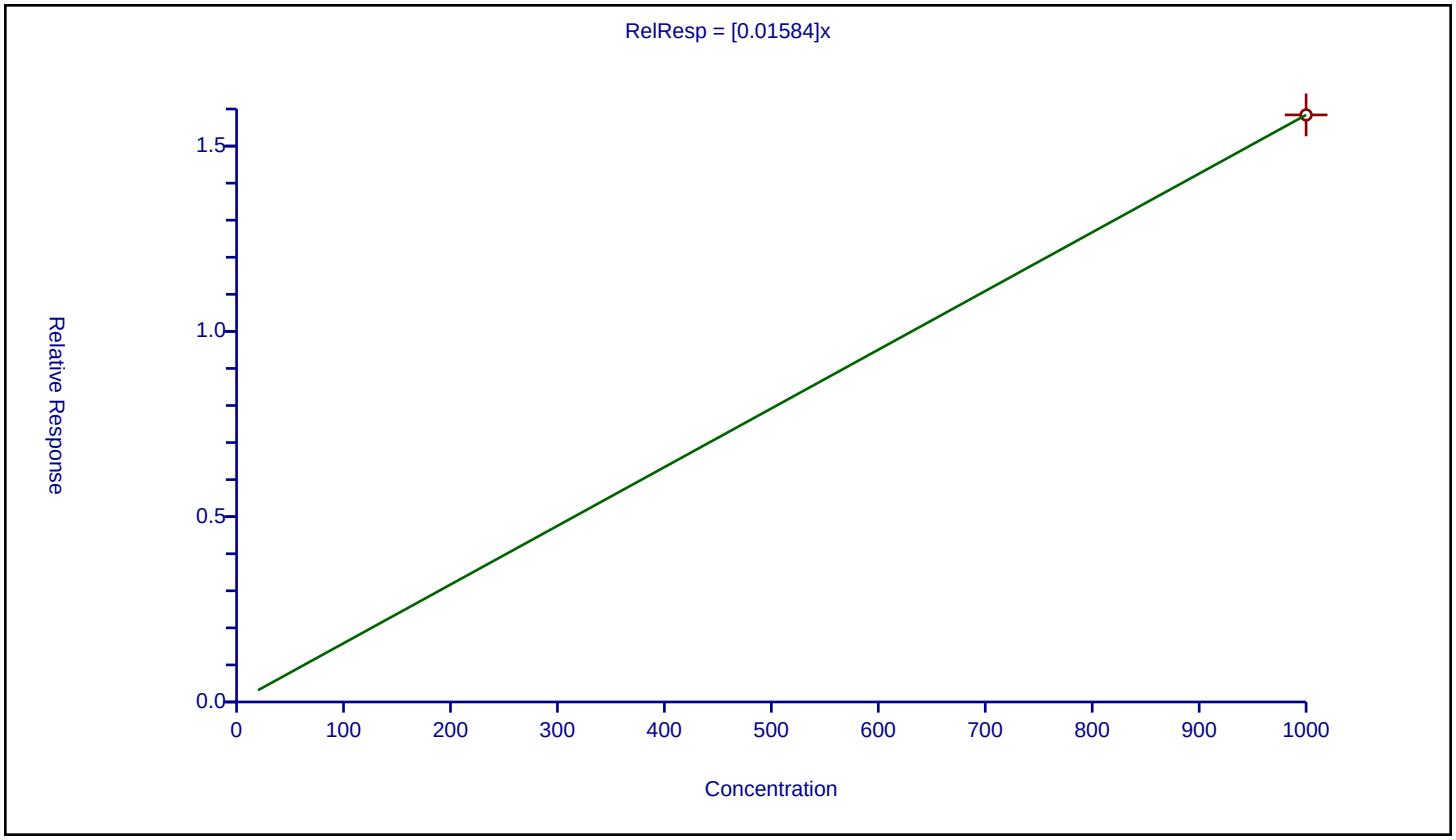
Curve Coefficients

Intercept:	0
Slope:	0.01584

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	15.840717	20.0	17014232.0	0.015841	Y



Calibration / PCB-1262 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

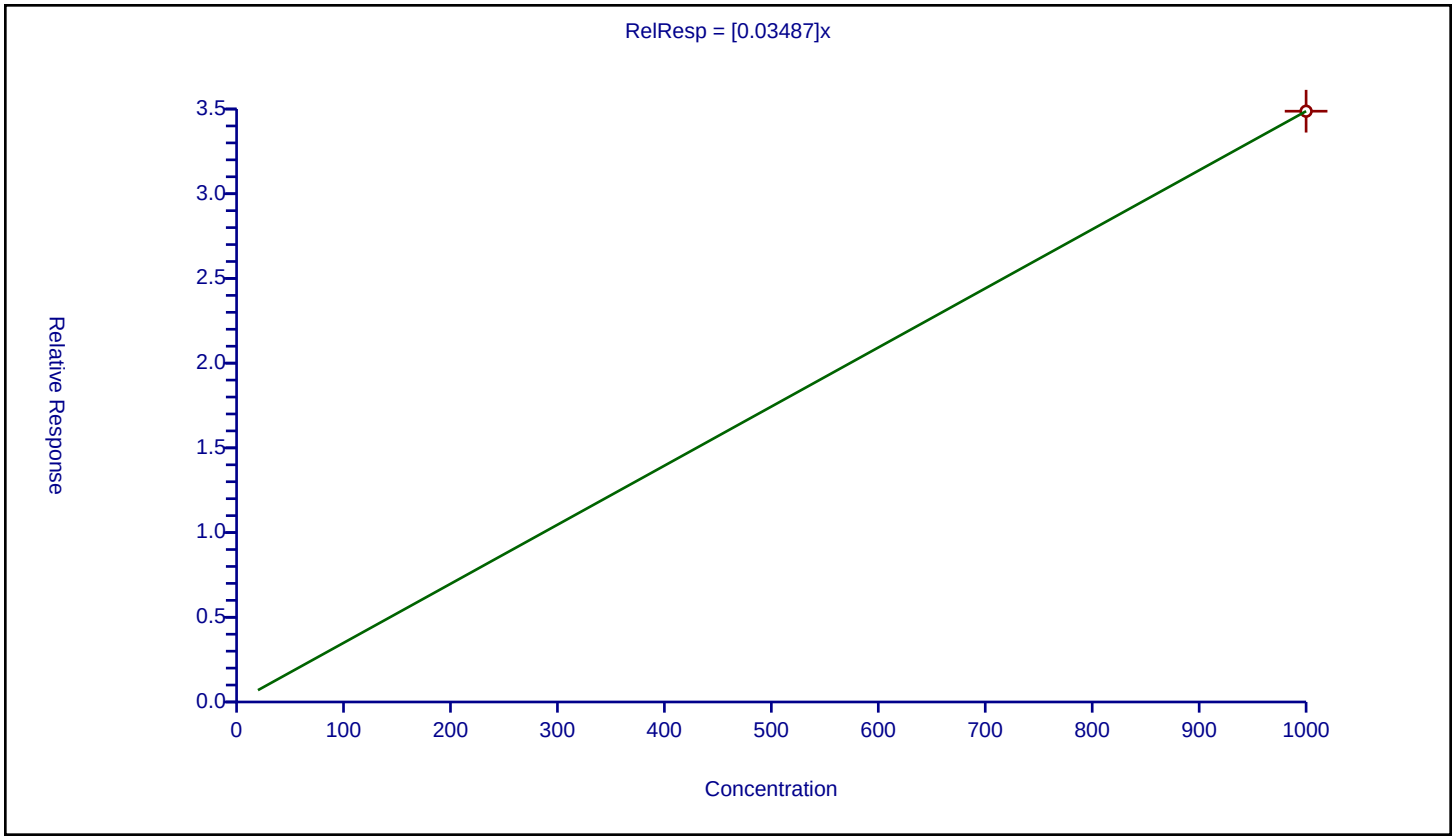
Curve Coefficients

Intercept:	0
Slope:	0.03487

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	34.870848	20.0	17014232.0	0.034871	Y



Calibration / PCB-1262 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

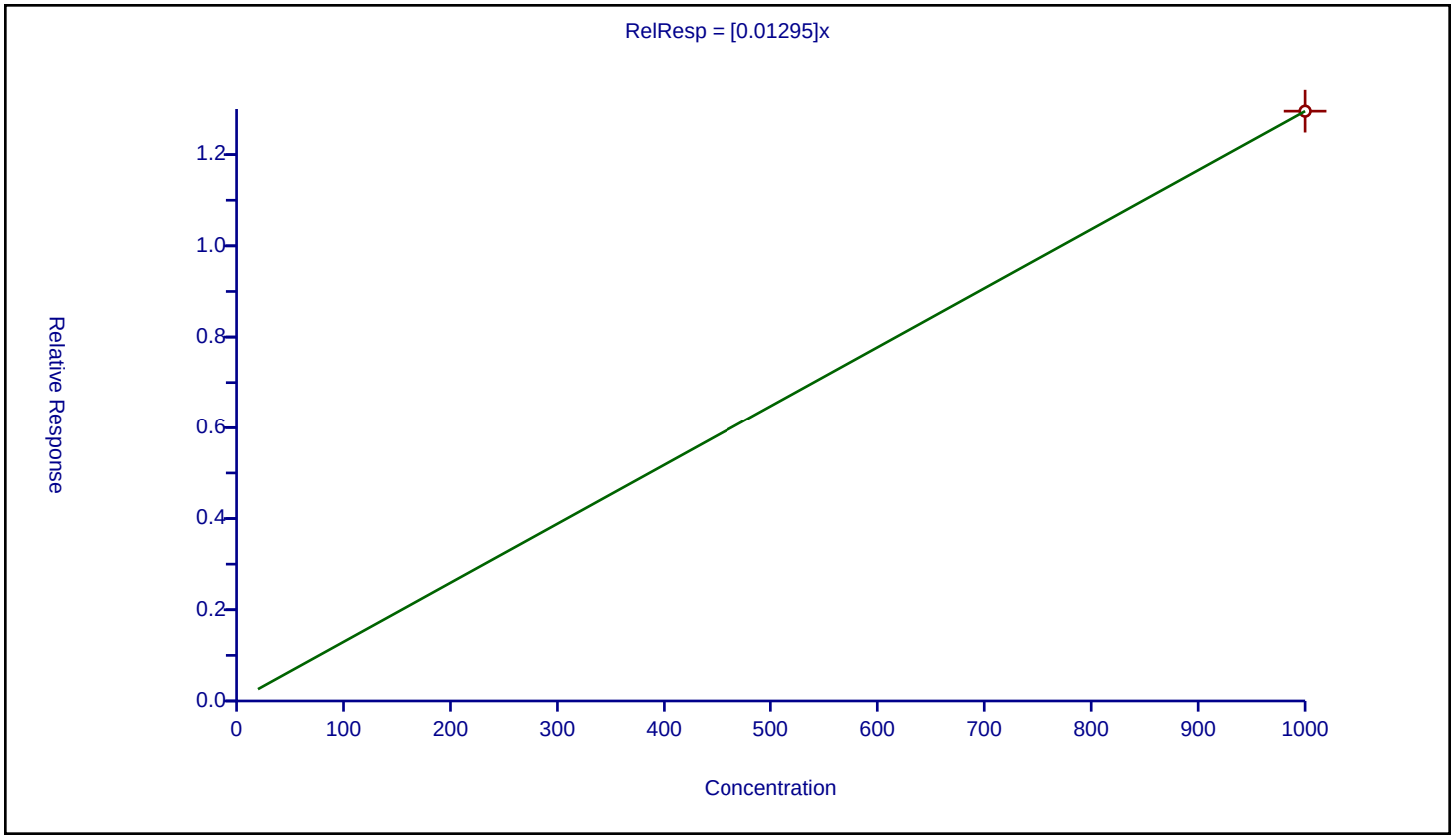
Curve Coefficients

Intercept:	0
Slope:	0.01295

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/13	1000.0	12.952987	20.0	17014232.0	0.012953	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:53 Calibration End Date: 01/07/2021 13:53 Calibration ID: 83380

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/14	13F0008264.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0184					Ave		0.0184						20.0			
PCB-1268 Peak 2	0.0238					Ave		0.0238						20.0			
PCB-1268 Peak 3	0.0934					Ave		0.0934						20.0			
PCB-1268 Peak 4	0.0909					Ave		0.0909						20.0			
PCB-1268 Peak 5	0.0731					Ave		0.0731						20.0			
PCB-1268 Peak 6	0.0194					Ave		0.0194						20.0			
PCB-1268 Peak 7	0.0297					Ave		0.0297						20.0			
PCB-1268 Peak 8	0.2271					Ave		0.2271						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:53 Calibration End Date: 01/07/2021 13:53 Calibration ID: 83380

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/14	13F0008264.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	20536455					1000				
PCB-1268 Peak 2	BNB	Ave	26630965					1000				
PCB-1268 Peak 3	BNB	Ave	104410635					1000				
PCB-1268 Peak 4	BNB	Ave	101611087					1000				
PCB-1268 Peak 5	BNB	Ave	81703942					1000				
PCB-1268 Peak 6	BNB	Ave	21697857					1000				
PCB-1268 Peak 7	BNB	Ave	33192064					1000				
PCB-1268 Peak 8	BNB	Ave	253796558					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 13:53:26 ALS Bottle#: 18 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-014
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub8

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:39 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:54:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.703	1.703	0.000	22349390	20.0	20.0	
2	1.412	1.412	0.000	17180559	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							
1	8.166	8.166	0.000	20536455	1000.0	1000.0	
1	8.777	8.777	0.000	26630965	1000.0	1000.0	
1	9.937	9.937	0.000	104410635	1000.0	1000.0	
1	9.997	9.997	0.000	101611087	1000.0	1000.0	
1	10.306	10.306	0.000	81703942	1000.0	1000.0	
1	10.417	10.417	0.000	21697857	1000.0	1000.0	
1	10.626	10.626	0.000	33192064	1000.0	1000.0	
1	10.946	10.946	0.000	253796558	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	6.282	6.282	0.000	15727059	1000.0	1000.0	
2	6.638	6.638	0.000	21294397	1000.0	1000.0	
2	7.726	7.726	0.000	90686901	1000.0	1000.0	
2	7.796	7.796	0.000	94168661	1000.0	1000.0	
2	8.161	8.161	0.000	76563380	1000.0	1000.0	
2	8.329	8.329	0.000	22454022	1000.0	1000.0	
2	8.905	8.905	0.000	32688749	1000.0	1000.0	
2	9.515	9.515	0.000	249212887	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Reagents:

SG1268L4_00030	Amount Added: 1.00	Units: mL	
SGPCBISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:39 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Injection Date: 07-Jan-2021 13:53:26 Instrument ID: CPESTGC13 Operator ID:

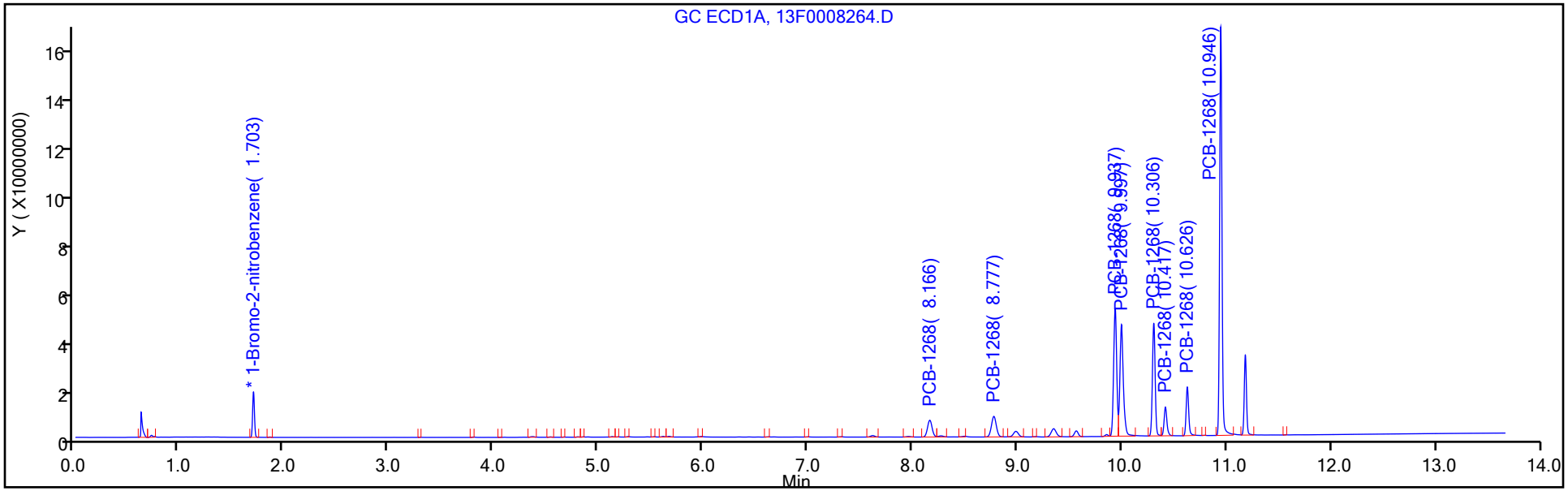
Lims ID: IC 1268 Worklist Smp#: 14

Client ID:

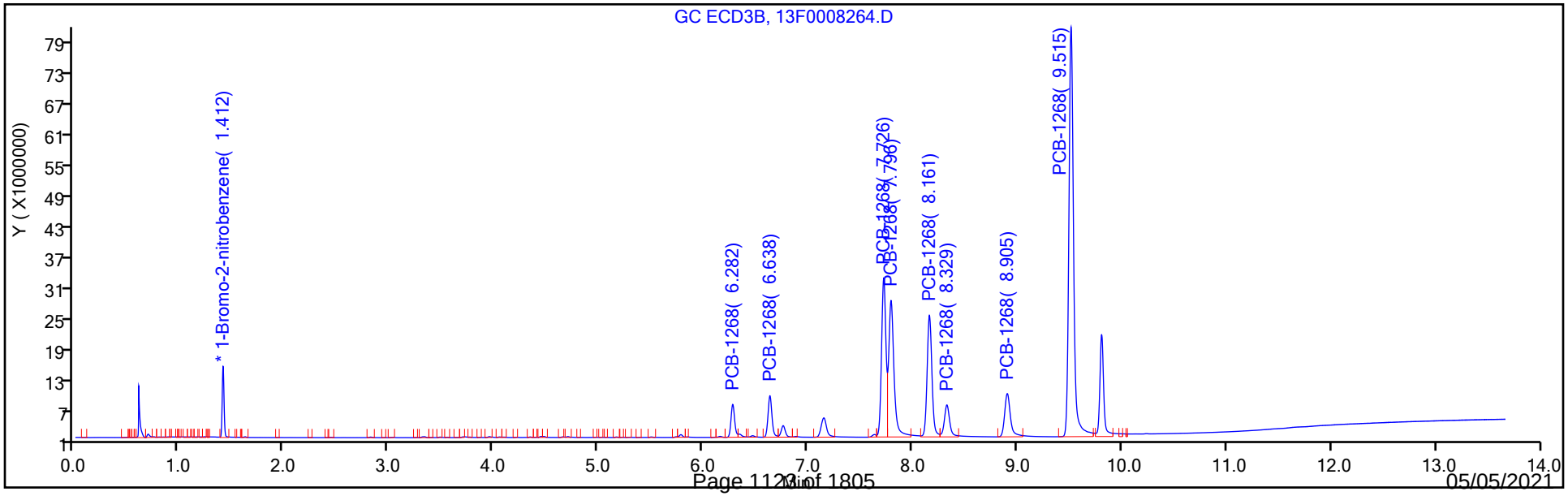
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Calibration / PCB-1268 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

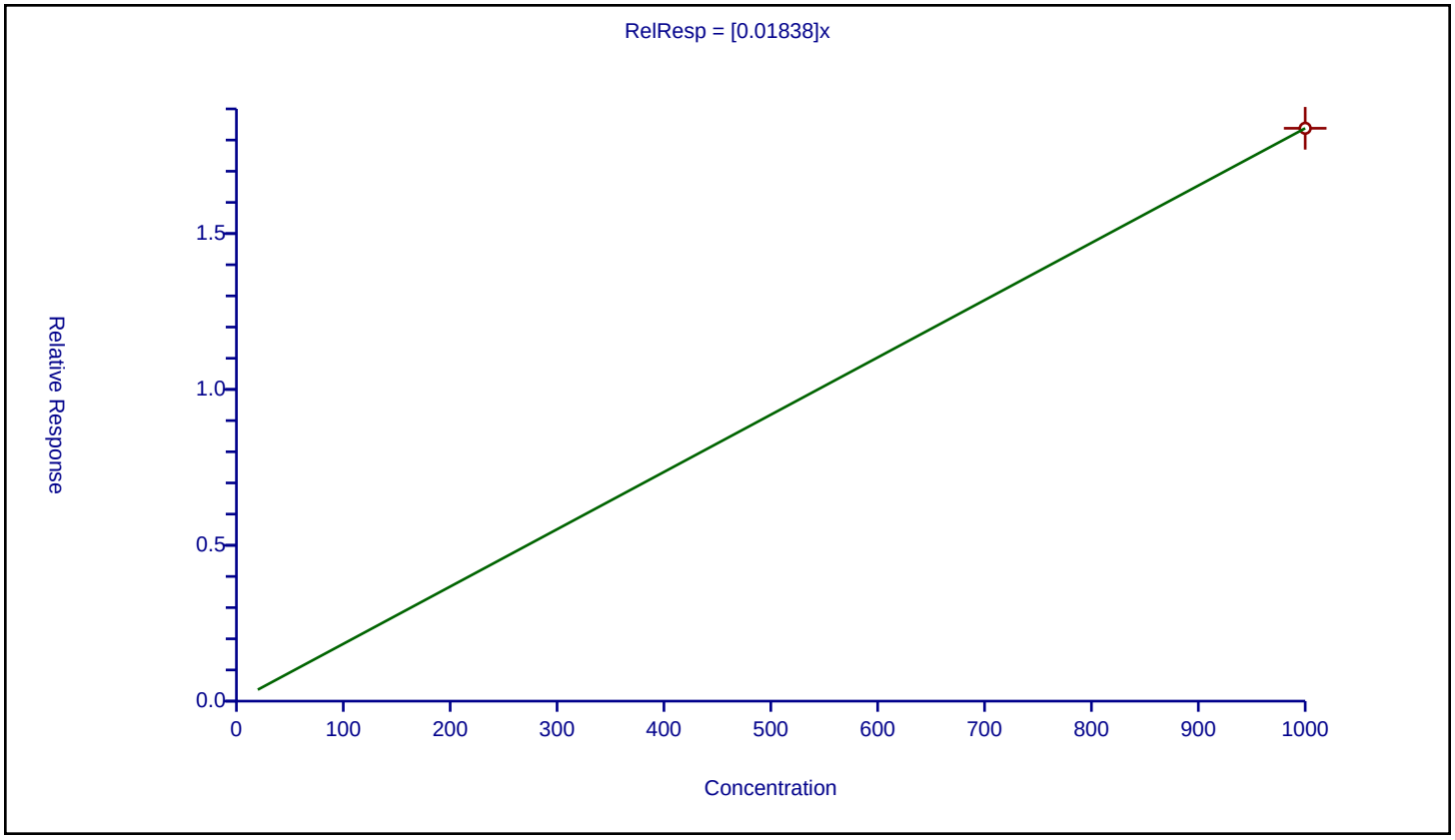
Curve Coefficients

Intercept:	0
Slope:	0.01838

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	18.377643	20.0	22349390.0	0.018378	Y



Calibration / PCB-1268 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

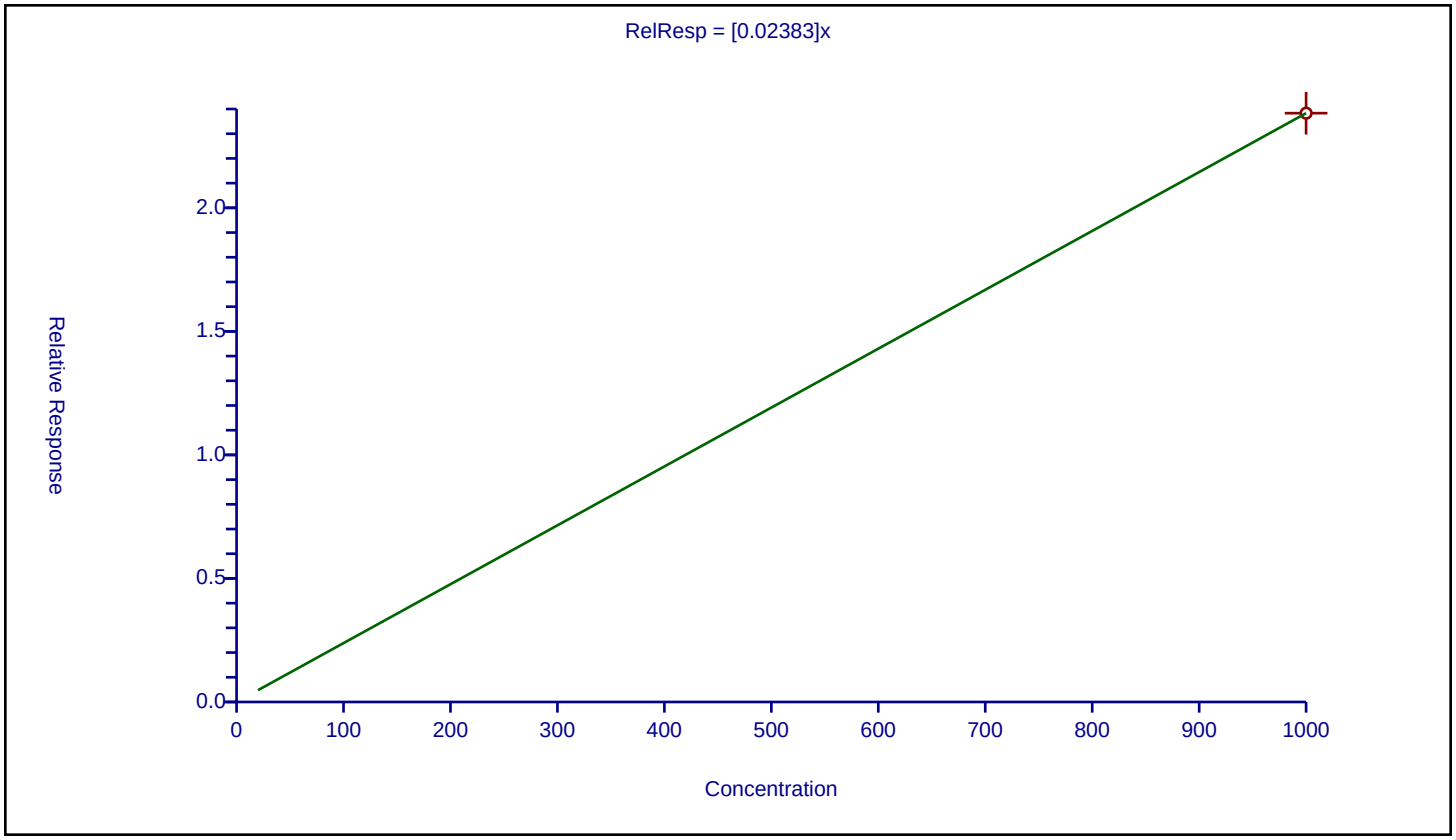
Curve Coefficients

Intercept:	0
Slope:	0.02383

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	23.831492	20.0	22349390.0	0.023831	Y



Calibration / PCB-1268 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

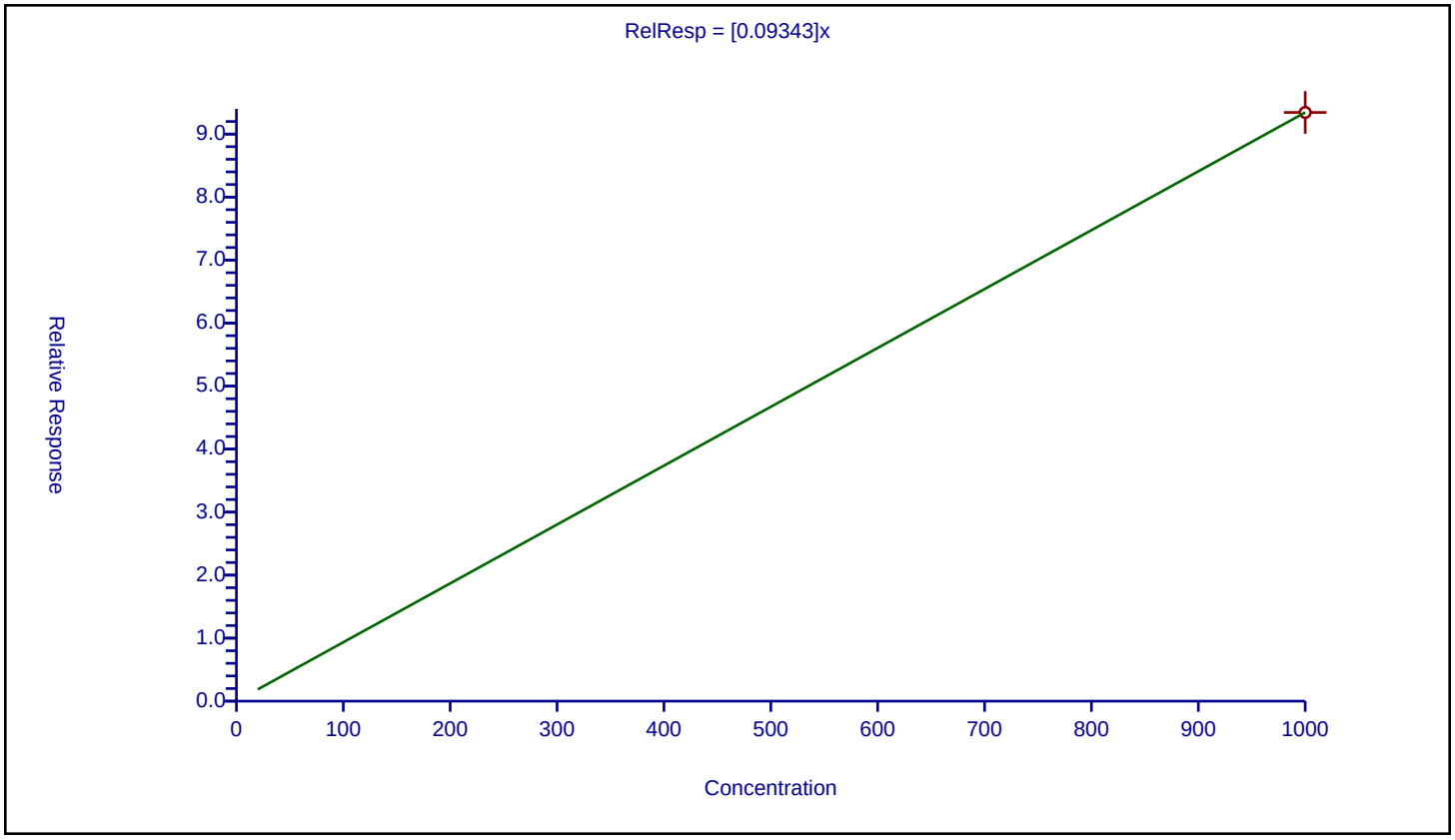
Curve Coefficients

Intercept:	0
Slope:	0.09343

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	93.434886	20.0	22349390.0	0.093435	Y



Calibration / PCB-1268 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

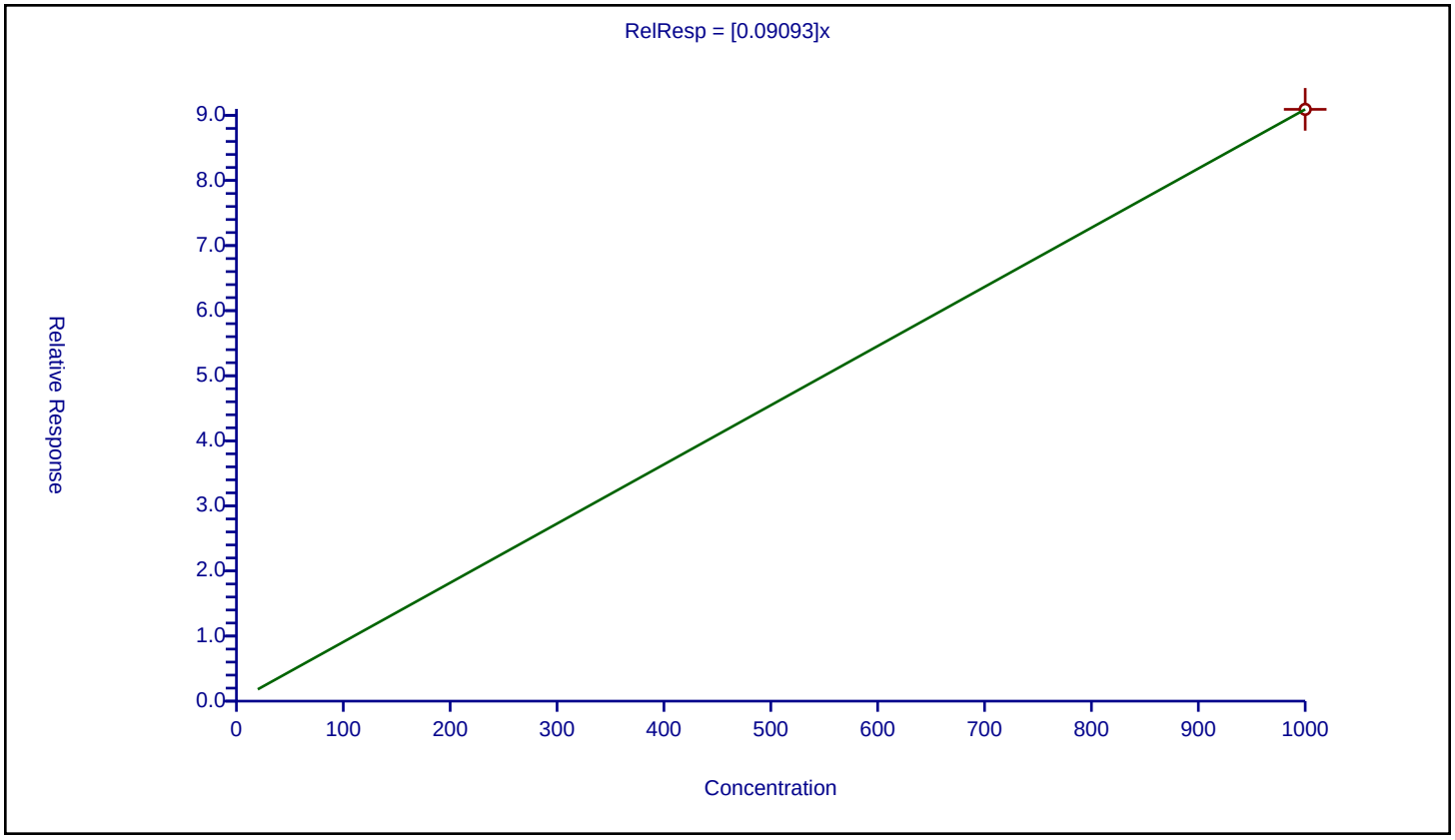
Curve Coefficients

Intercept:	0
Slope:	0.09093

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	90.929629	20.0	22349390.0	0.09093	Y



Calibration / PCB-1268 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

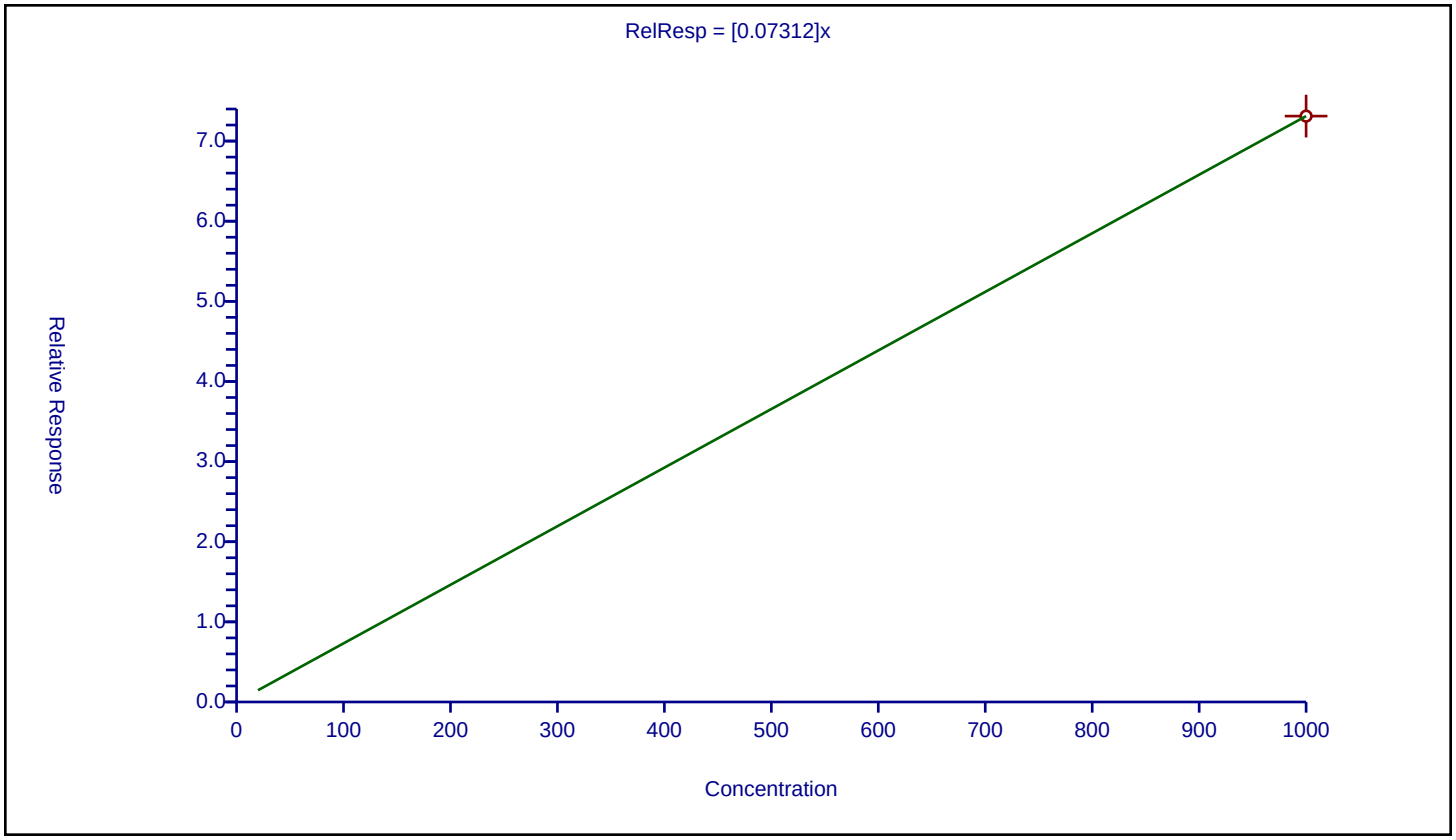
Curve Coefficients

Intercept:	0
Slope:	0.07312

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	73.115143	20.0	22349390.0	0.073115	Y



Calibration / PCB-1268 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

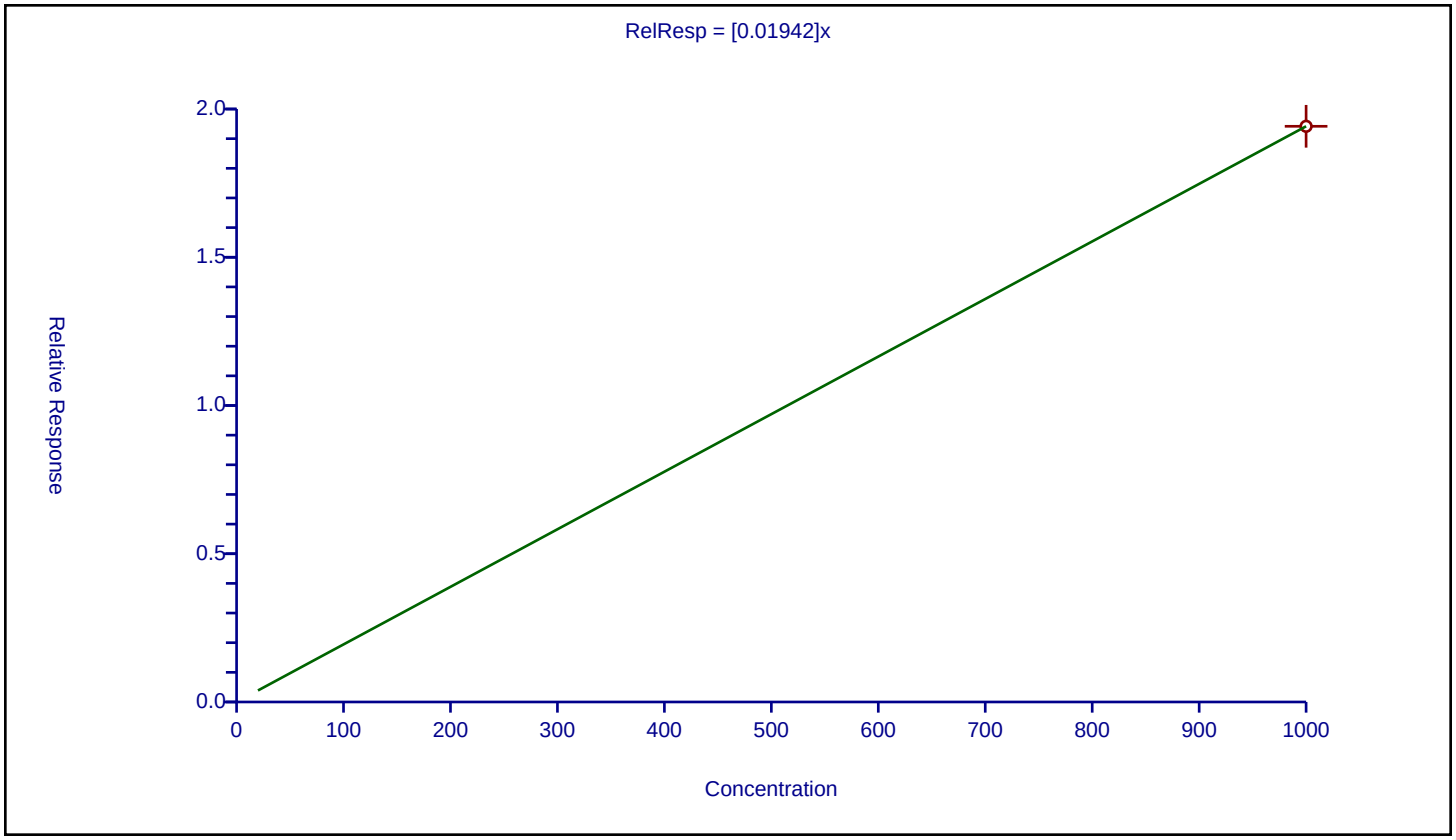
Curve Coefficients

Intercept:	0
Slope:	0.01942

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	19.416957	20.0	22349390.0	0.019417	Y



Calibration / PCB-1268 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

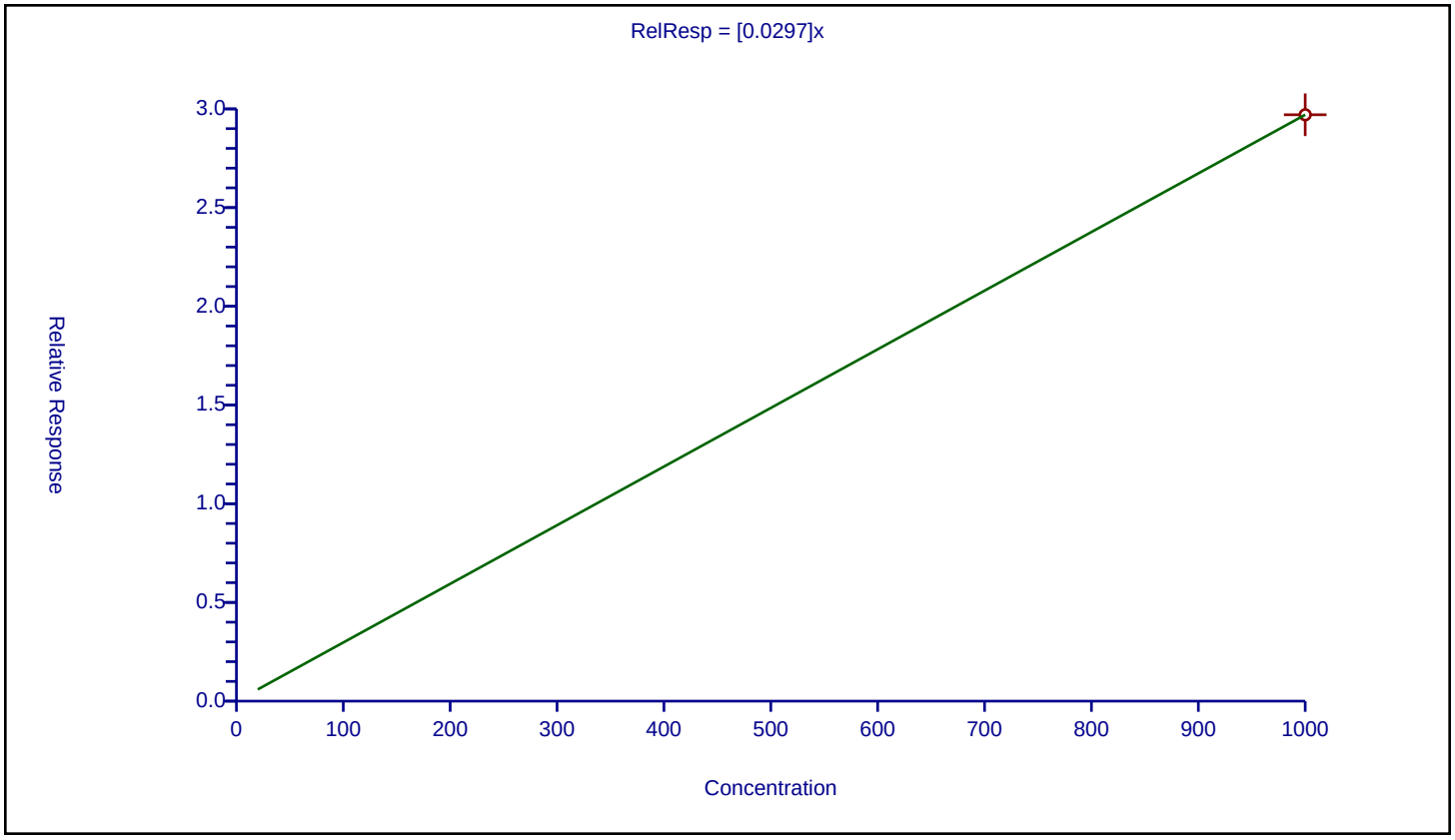
Curve Coefficients

Intercept:	0
Slope:	0.0297

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	29.702881	20.0	22349390.0	0.029703	Y



Calibration / PCB-1268 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

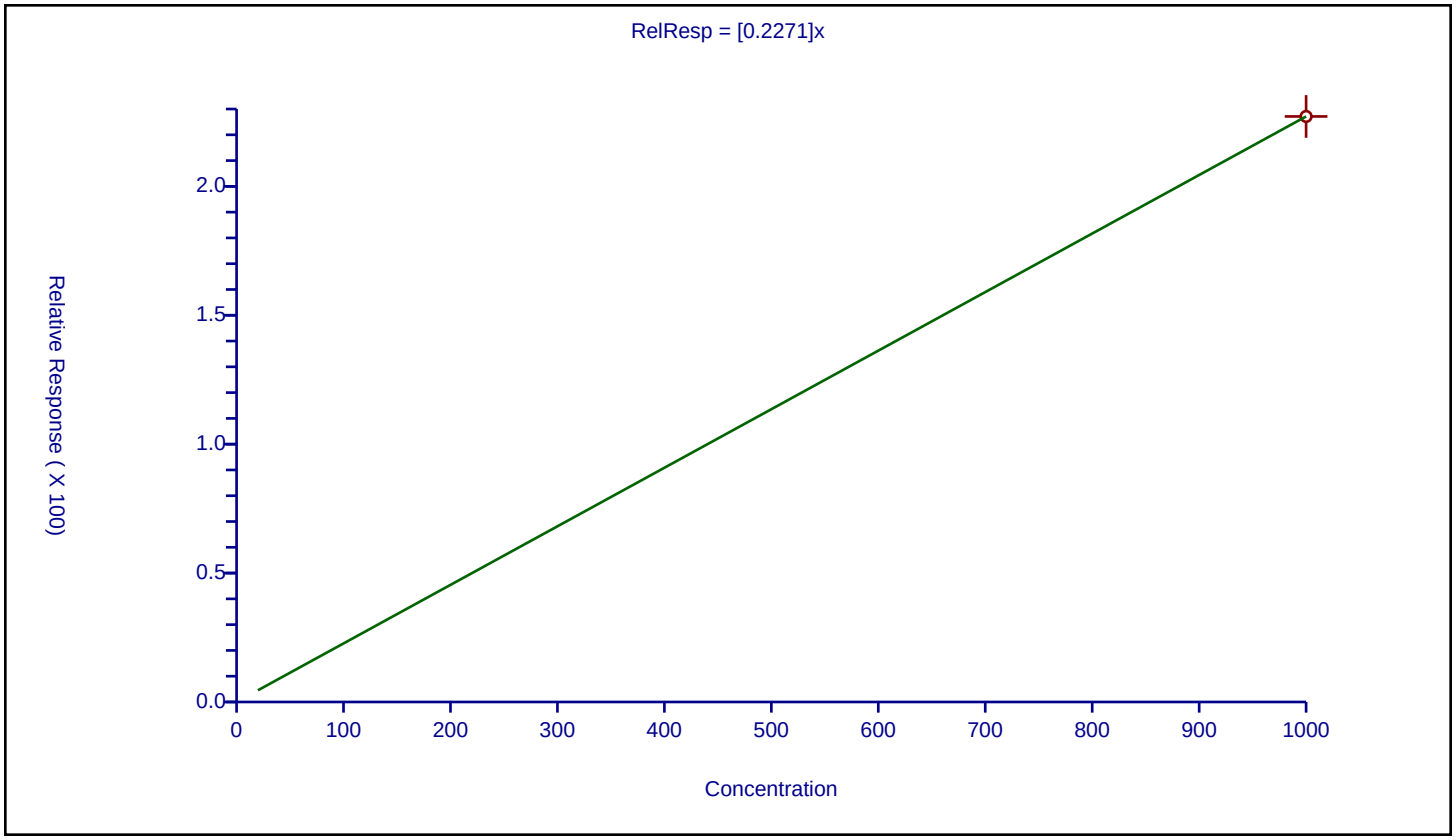
Curve Coefficients

Intercept:	0
Slope:	0.2271

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	227.117213	20.0	22349390.0	0.227117	Y



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:53 Calibration End Date: 01/07/2021 13:53 Calibration ID: 83381

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/14	13F0008264.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0183					Ave		0.0183						20.0			
PCB-1268 Peak 2	0.0248					Ave		0.0248						20.0			
PCB-1268 Peak 3	0.1056					Ave		0.1056						20.0			
PCB-1268 Peak 4	0.1096					Ave		0.1096						20.0			
PCB-1268 Peak 5	0.0891					Ave		0.0891						20.0			
PCB-1268 Peak 6	0.0261					Ave		0.0261						20.0			
PCB-1268 Peak 7	0.0381					Ave		0.0381						20.0			
PCB-1268 Peak 8	0.2901					Ave		0.2901						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1 Analy Batch No.: 751453

SDG No.:

Instrument ID: CPESTGC13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2021 13:53 Calibration End Date: 01/07/2021 13:53 Calibration ID: 83381

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-751453/14	13F0008264.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	15727059					1000				
PCB-1268 Peak 2	BNB	Ave	21294397					1000				
PCB-1268 Peak 3	BNB	Ave	90686901					1000				
PCB-1268 Peak 4	BNB	Ave	94168661					1000				
PCB-1268 Peak 5	BNB	Ave	76563380					1000				
PCB-1268 Peak 6	BNB	Ave	22454022					1000				
PCB-1268 Peak 7	BNB	Ave	32688749					1000				
PCB-1268 Peak 8	BNB	Ave	249212887					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Jan-2021 13:53:26 ALS Bottle#: 18 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-014
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub8

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:00:39 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 14:54:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.703	1.703	0.000	22349390	20.0	20.0	
2	1.412	1.412	0.000	17180559	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							
1	8.166	8.166	0.000	20536455	1000.0	1000.0	
1	8.777	8.777	0.000	26630965	1000.0	1000.0	
1	9.937	9.937	0.000	104410635	1000.0	1000.0	
1	9.997	9.997	0.000	101611087	1000.0	1000.0	
1	10.306	10.306	0.000	81703942	1000.0	1000.0	
1	10.417	10.417	0.000	21697857	1000.0	1000.0	
1	10.626	10.626	0.000	33192064	1000.0	1000.0	
1	10.946	10.946	0.000	253796558	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	6.282	6.282	0.000	15727059	1000.0	1000.0	
2	6.638	6.638	0.000	21294397	1000.0	1000.0	
2	7.726	7.726	0.000	90686901	1000.0	1000.0	
2	7.796	7.796	0.000	94168661	1000.0	1000.0	
2	8.161	8.161	0.000	76563380	1000.0	1000.0	
2	8.329	8.329	0.000	22454022	1000.0	1000.0	
2	8.905	8.905	0.000	32688749	1000.0	1000.0	
2	9.515	9.515	0.000	249212887	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend
Processing Flags

Reagents:

SG1268L4_00030	Amount Added: 1.00	Units: mL	
SGPCBISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:00:40 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Injection Date: 07-Jan-2021 13:53:26 Instrument ID: CPESTGC13 Operator ID:

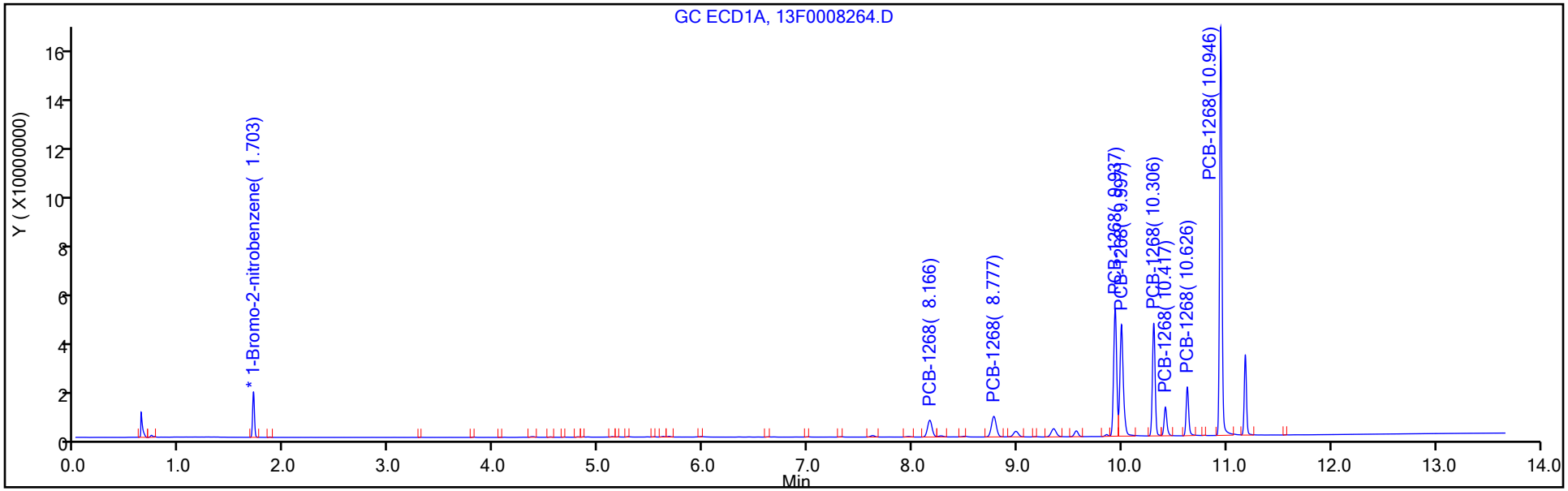
Lims ID: IC 1268 Worklist Smp#: 14

Client ID:

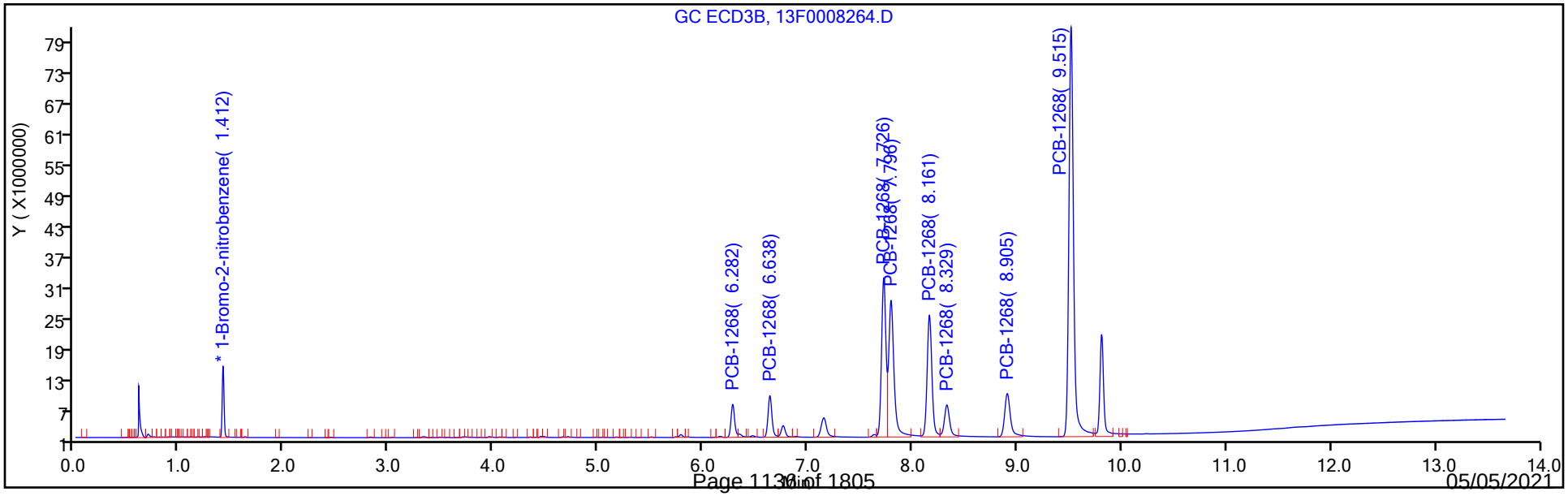
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Calibration / PCB-1268 Peak 1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

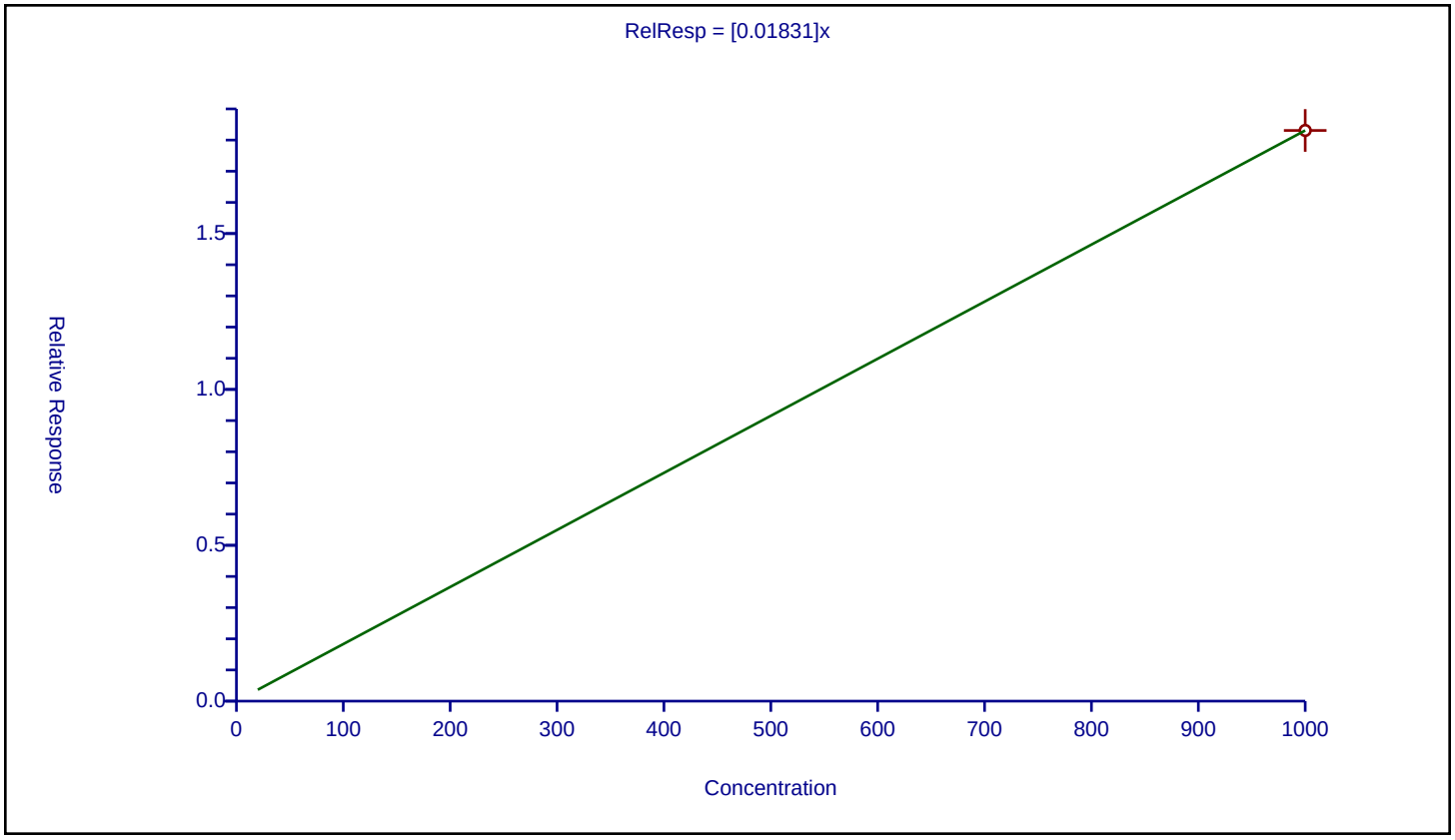
Curve Coefficients

Intercept:	0
Slope:	0.01831

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	18.307971	20.0	17180559.0	0.018308	Y



Calibration / PCB-1268 Peak 2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

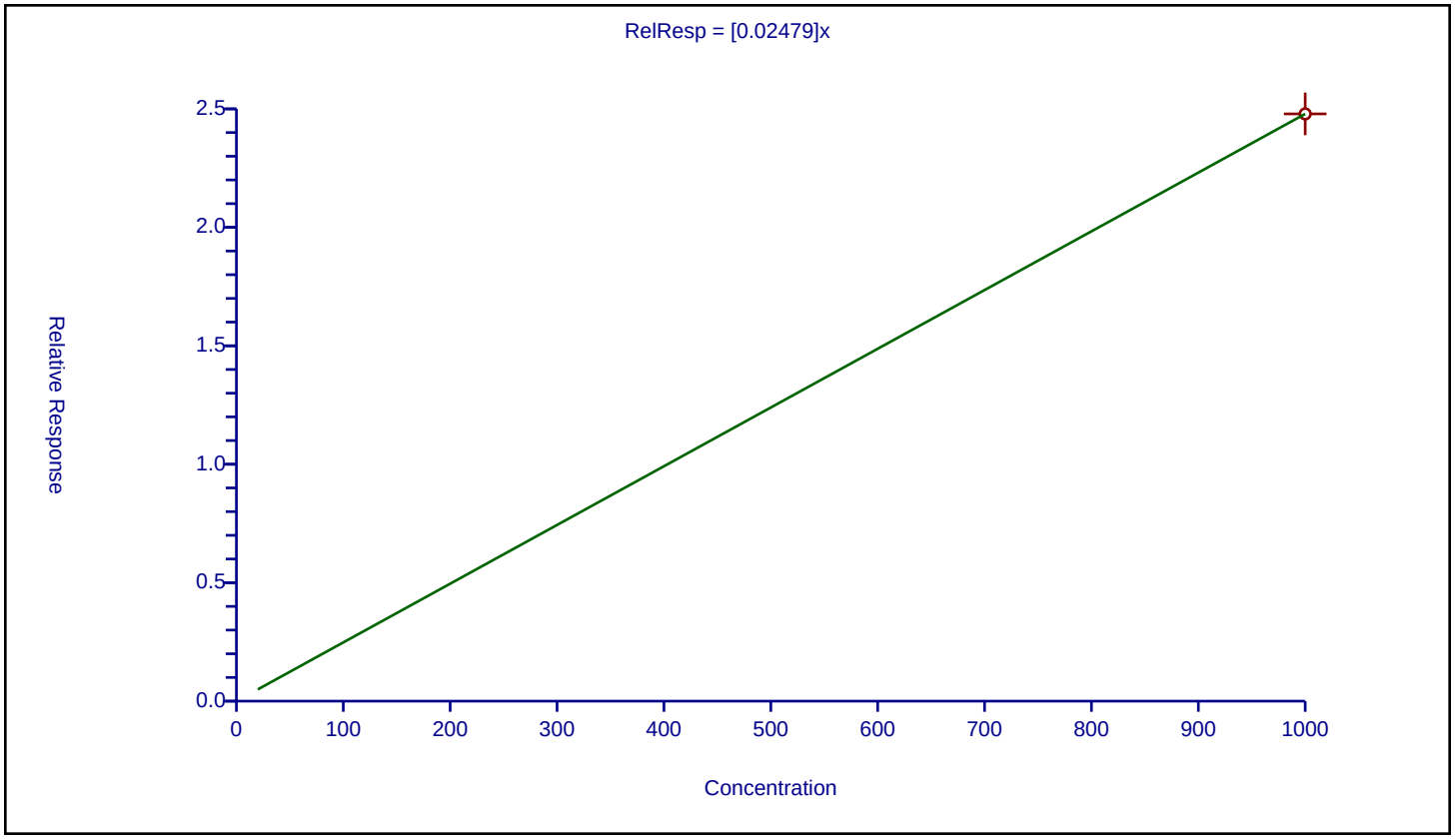
Curve Coefficients

Intercept:	0
Slope:	0.02479

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	24.788945	20.0	17180559.0	0.024789	Y



Calibration / PCB-1268 Peak 3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

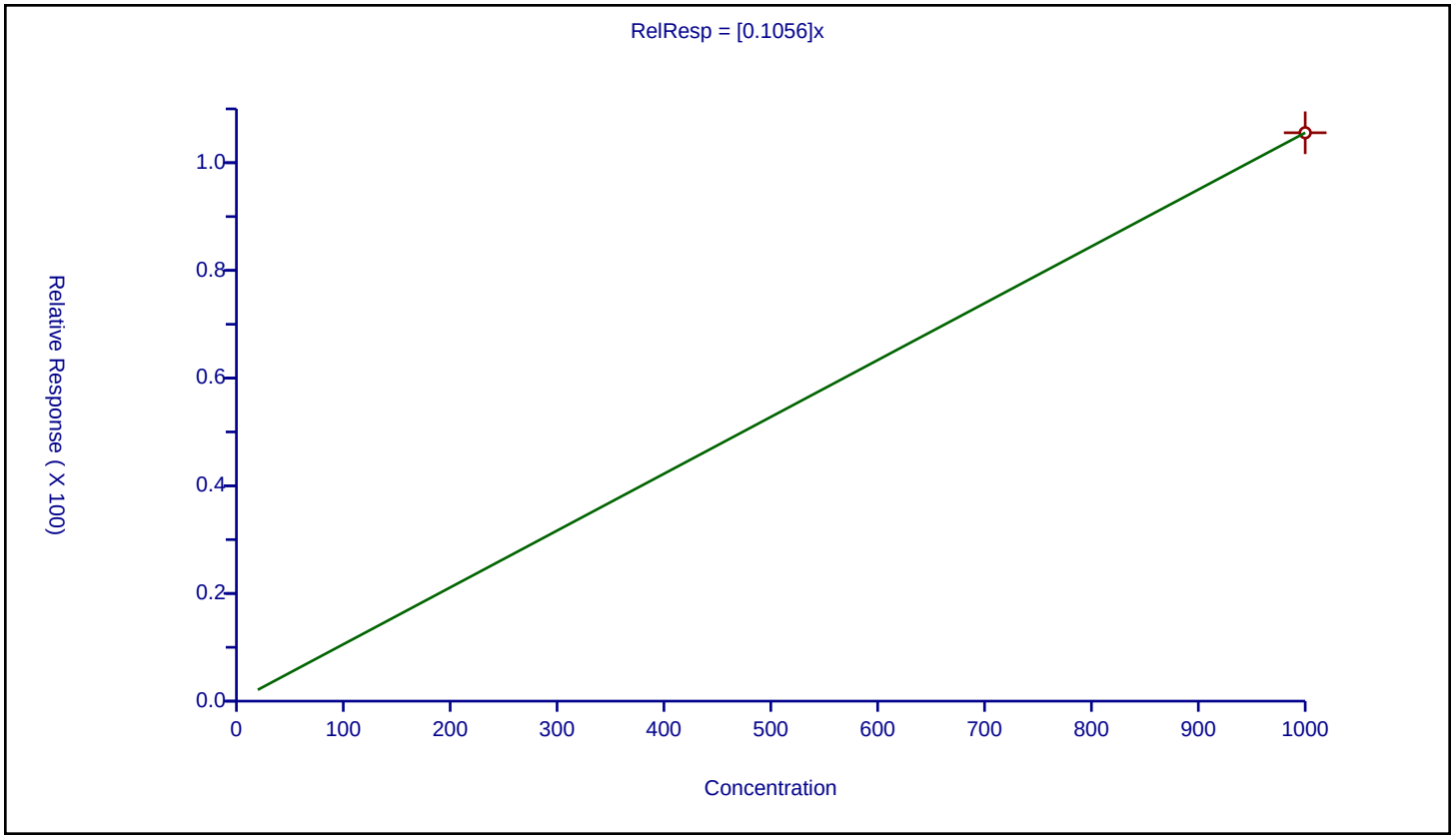
Curve Coefficients

Intercept:	0
Slope:	0.1056

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	105.569209	20.0	17180559.0	0.105569	Y



Calibration / PCB-1268 Peak 4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

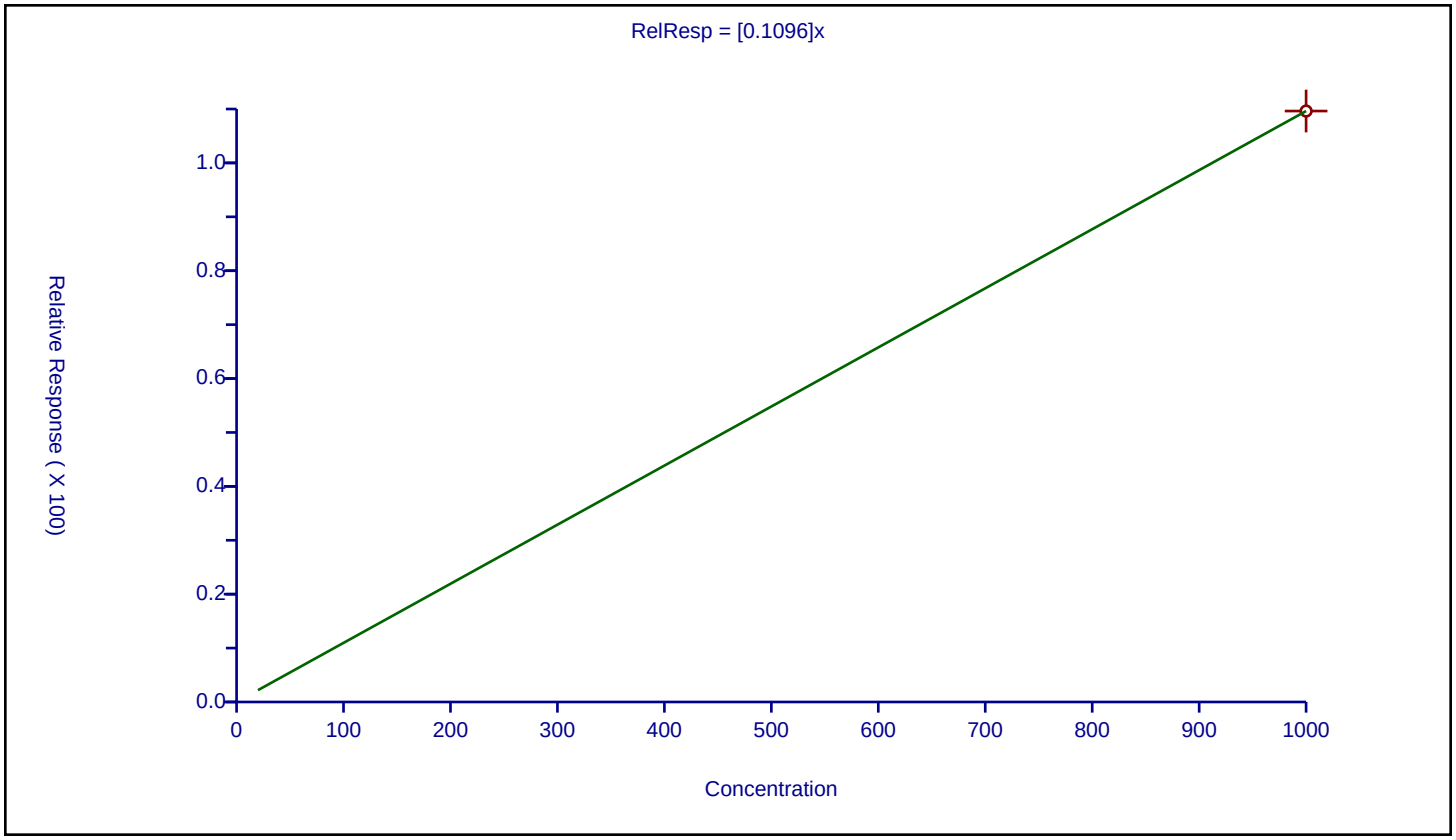
Curve Coefficients

Intercept:	0
Slope:	0.1096

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	109.622348	20.0	17180559.0	0.109622	Y



Calibration / PCB-1268 Peak 5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

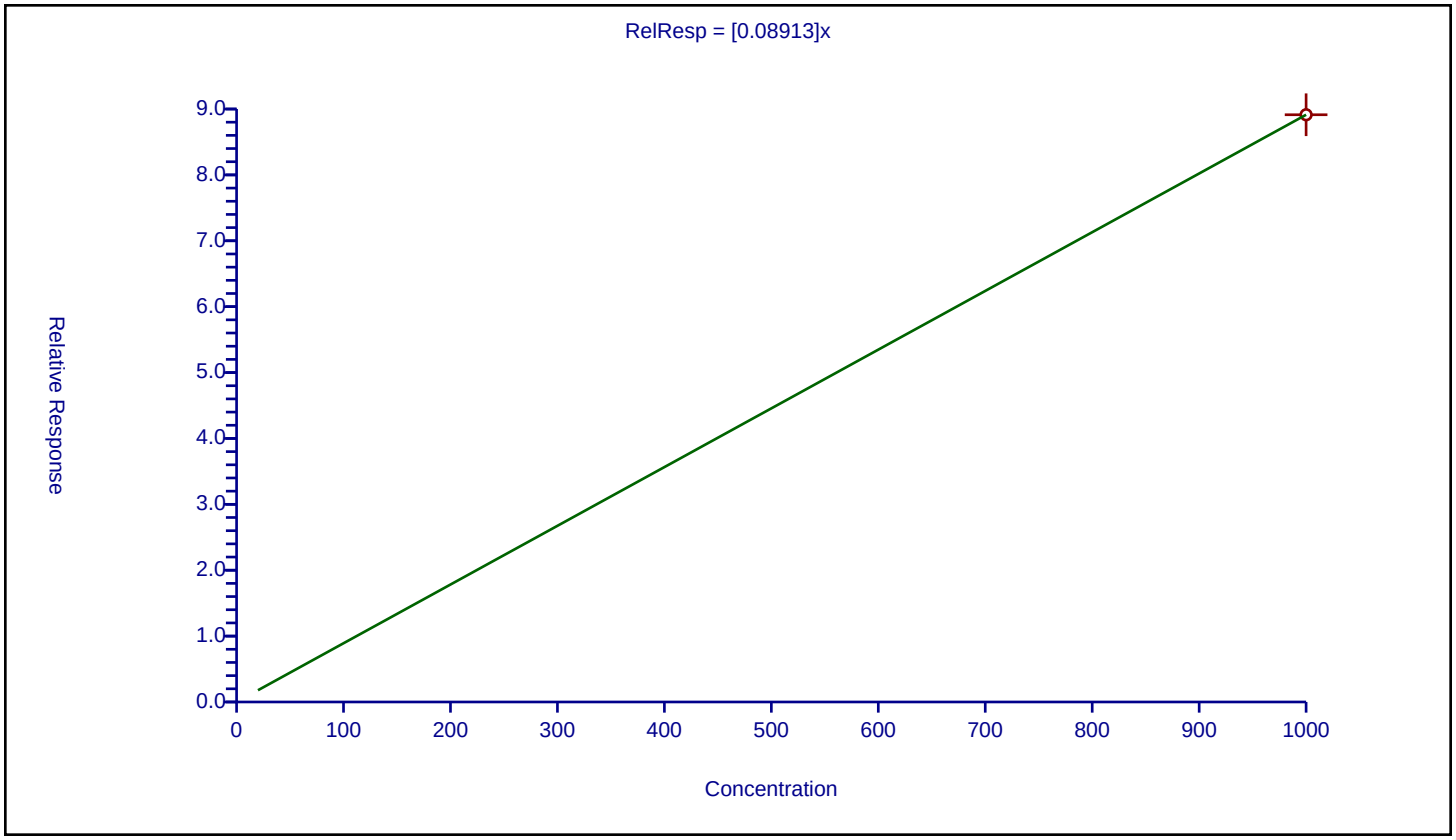
Curve Coefficients

Intercept:	0
Slope:	0.08913

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	89.127927	20.0	17180559.0	0.089128	Y



Calibration / PCB-1268 Peak 6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

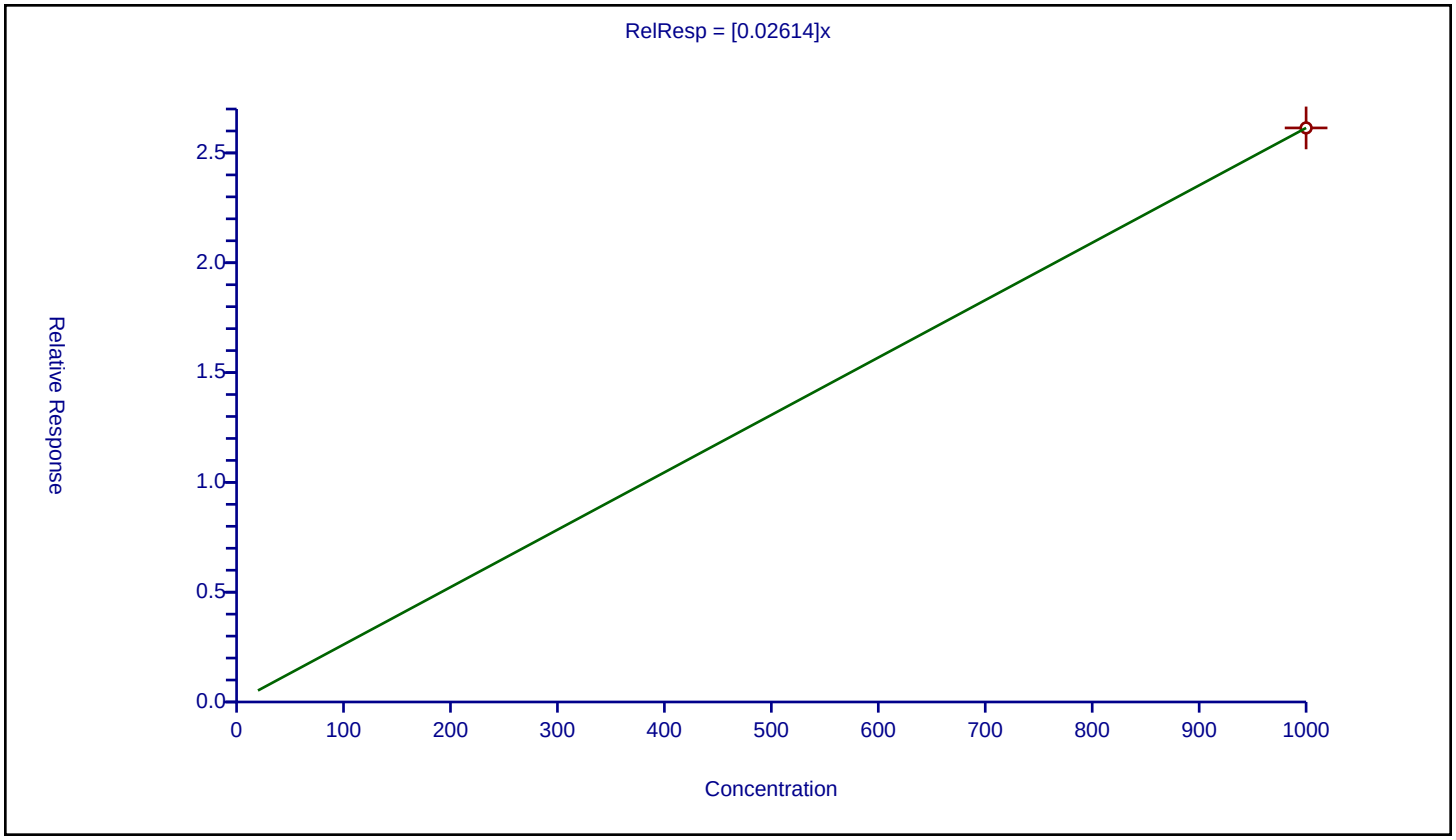
Curve Coefficients

Intercept:	0
Slope:	0.02614

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	26.138872	20.0	17180559.0	0.026139	Y



Calibration / PCB-1268 Peak 7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

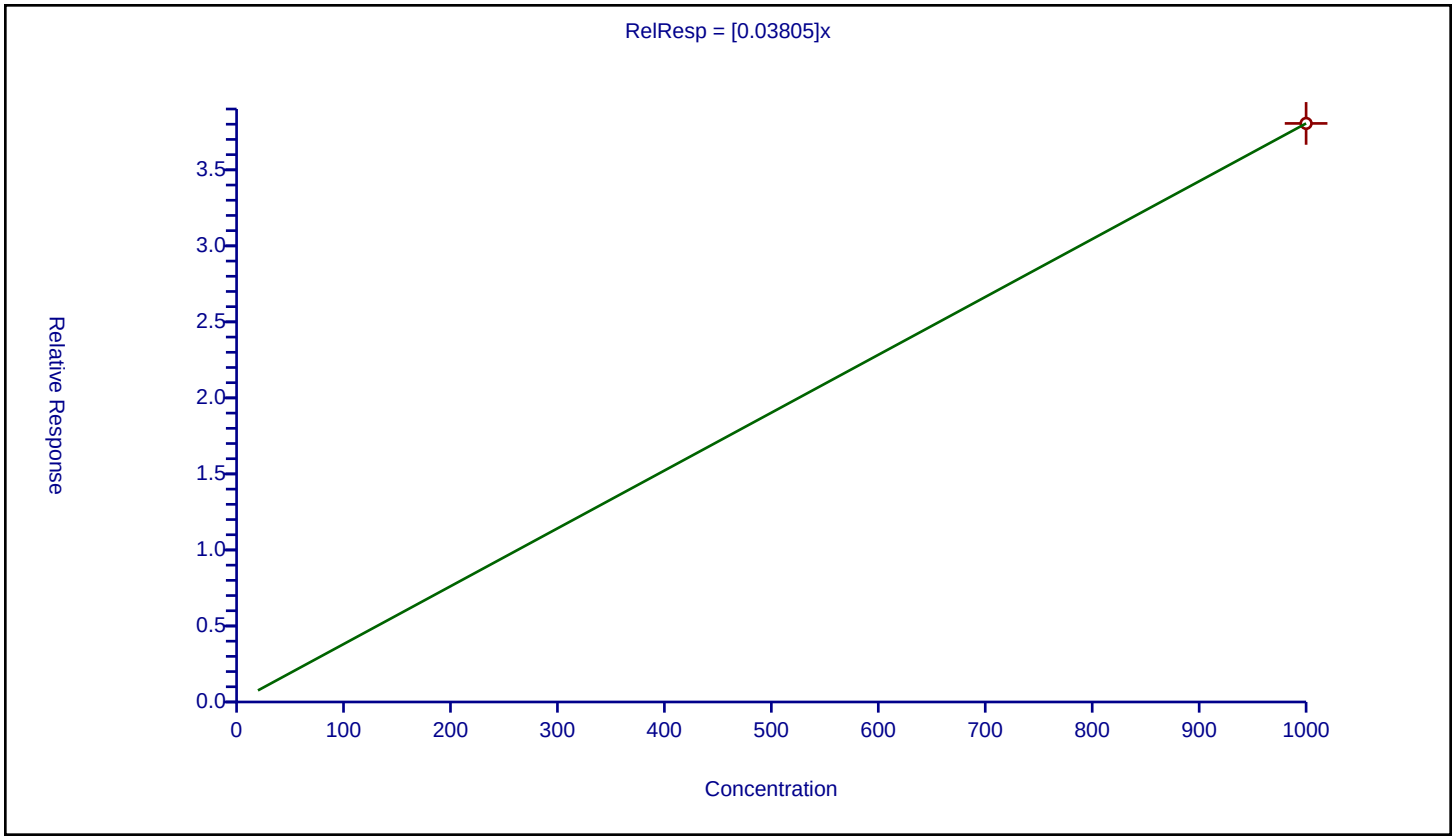
Curve Coefficients

Intercept:	0
Slope:	0.03805

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	38.053184	20.0	17180559.0	0.038053	Y



Calibration / PCB-1268 Peak 8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

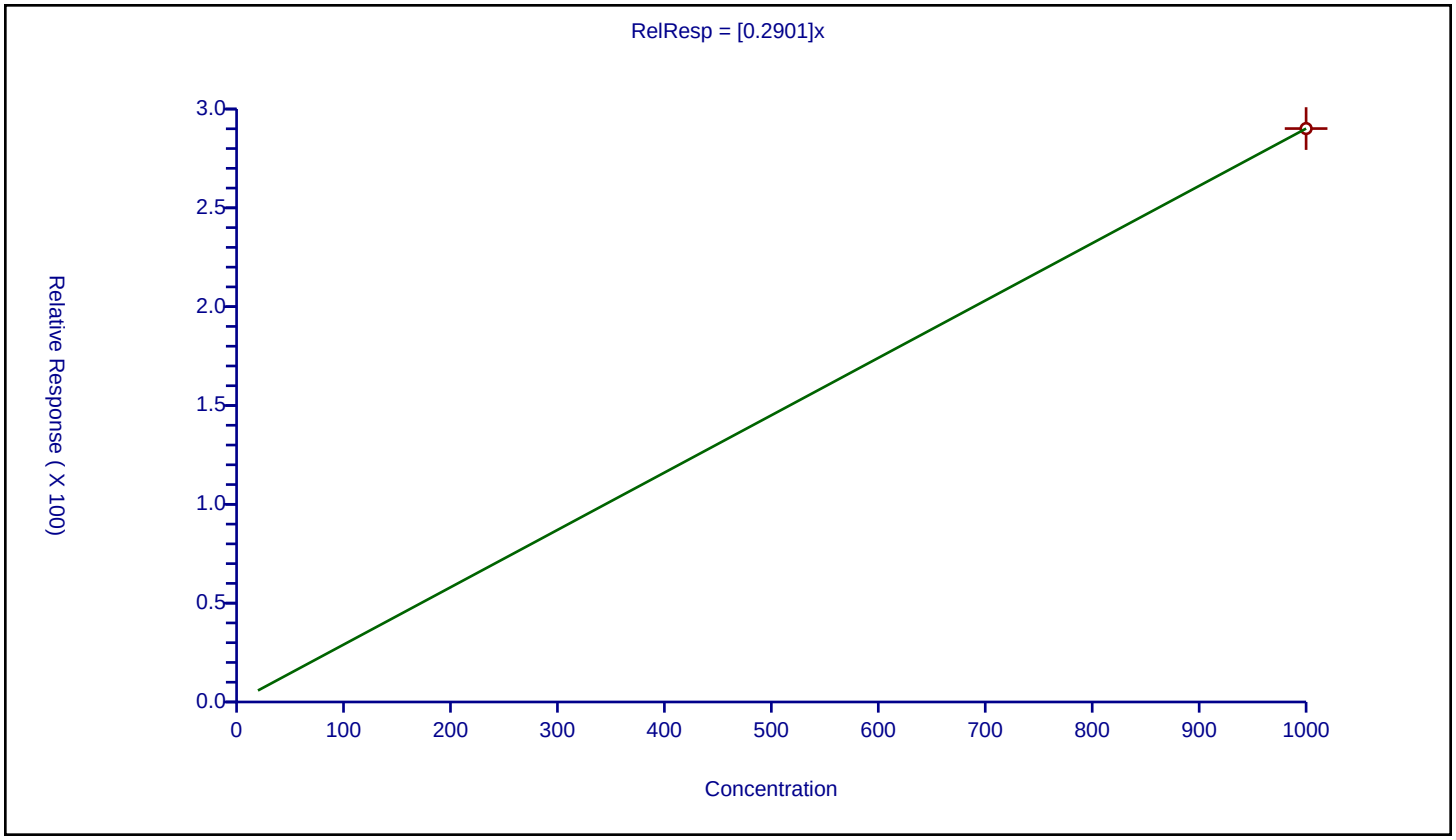
Curve Coefficients

Intercept:	0
Slope:	0.2901

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-751453/14	1000.0	290.110336	20.0	17180559.0	0.29011	Y



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: ICV 460-751453/7 Calibration Date: 01/07/2021 12:02

Instrument ID: CPESTGC13 Calib Start Date: 01/07/2021 10:43

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/07/2021 11:47

Lab File ID: 13F0008257.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0164	0.0165		1000	1000	0.3	20.0
PCB-1016 Peak 2	Ave	0.0336	0.0342		1020	1000	1.6	20.0
PCB-1016 Peak 3	Ave	0.0670	0.0684		1020	1000	2.1	20.0
PCB-1016 Peak 4	Ave	0.0272	0.0275		1010	1000	1.4	20.0
PCB-1016 Peak 5	Ave	0.0165	0.0166		1000	1000	0.5	20.0
PCB-1016 Peak 6	Ave	0.0204	0.0207		1010	1000	1.2	20.0
PCB-1016 Peak 7	Ave	0.0238	0.0232		976	1000	-2.4	20.0
PCB-1016 Peak 8	Ave	0.0198	0.0166		836	1000	-16.4	20.0
PCB-1260 Peak 1	Ave	0.0197	0.0197		1000	1000	0.0	20.0
PCB-1260 Peak 2	Ave	0.0444	0.0444		999	1000	-0.0	20.0
PCB-1260 Peak 3	Ave	0.0505	0.0505		1000	1000	0.0	20.0
PCB-1260 Peak 4	Ave	0.0353	0.0333		942	1000	-5.8	20.0
PCB-1260 Peak 5	Ave	0.0365	0.0356		976	1000	-2.4	20.0
PCB-1260 Peak 6	Ave	0.0814	0.0810		995	1000	-0.5	20.0
PCB-1260 Peak 7	Ave	0.0522	0.0512		982	1000	-1.8	20.0
PCB-1260 Peak 8	Ave	0.0185	0.0173		935	1000	-6.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: ICV 460-751453/7 Calibration Date: 01/07/2021 12:02

Instrument ID: CPESTGC13 Calib Start Date: 01/07/2021 10:43

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/07/2021 11:47

Lab File ID: 13F0008257.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.28	3.25	3.31
PCB-1016 Peak 2	3.79	3.72	3.86
PCB-1016 Peak 3	4.36	4.29	4.43
PCB-1016 Peak 4	4.53	4.46	4.60
PCB-1016 Peak 5	4.66	4.59	4.73
PCB-1016 Peak 6	5.12	5.05	5.19
PCB-1016 Peak 7	5.27	5.20	5.34
PCB-1016 Peak 8	5.66	5.59	5.73
PCB-1260 Peak 1	6.67	6.64	6.70
PCB-1260 Peak 2	6.93	6.86	7.00
PCB-1260 Peak 3	7.30	7.23	7.37
PCB-1260 Peak 4	8.15	8.08	8.22
PCB-1260 Peak 5	8.75	8.68	8.82
PCB-1260 Peak 6	9.33	9.26	9.40
PCB-1260 Peak 7	9.93	9.86	10.00
PCB-1260 Peak 8	10.62	10.55	10.69

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008257.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 07-Jan-2021 12:02:50 ALS Bottle#: 11 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-007
Operator ID: Instrument ID: CPESTGC13
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:01:03 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 13:38:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.693	1.703	-0.010	21499766	20.0	20.0	
2	1.404	1.412	-0.008	16225623	20.0	20.0	
						RPD = 0.00	
5 PCB-1016							M
1	3.283	3.283	0.000	17744543	1000.0	1003.5	
1	3.791	3.791	0.000	36756211	1000.0	1016.3	
1	4.362	4.362	0.000	73488419	1000.0	1020.7	M
1	4.529	4.531	-0.002	29598914	1000.0	1014.1	M
1	4.656	4.656	0.000	17835280	1000.0	1004.8	M
1	5.119	5.119	0.000	22226315	1000.0	1012.3	M
1	5.271	5.270	0.001	24917888	1000.0	975.7	M
1	5.655	5.657	-0.002	17838876	1000.0	836.2	M
		Average of Peak Amounts =				985.4	
2	2.432	2.432	0.000	13388105	1000.0	950.4	M
2	2.812	2.811	0.001	27207881	1000.0	1011.2	M
2	3.030	3.030	0.000	18410663	1000.0	1015.1	M
2	3.324	3.324	0.000	57341056	1000.0	1030.4	M
2	3.473	3.474	-0.001	23682185	1000.0	1027.2	M
2	3.543	3.543	0.000	14951870	1000.0	1034.9	M
2	3.944	3.944	0.000	23866057	1000.0	1001.7	M
2	4.387	4.387	0.000	12320258	1000.0	941.7	M
		Average of Peak Amounts =				1001.6	
						RPD = 1.63	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.665	6.666	-0.001	21128013	1000.0	1000.0	M
1	6.927	6.926	0.001	47748995	1000.0	999.4	M
1	7.300	7.299	0.001	54305689	1000.0	1000.9	M
1	8.147	8.146	0.001	35759126	1000.0	942.3	M
1	8.751	8.747	0.004	38261234	1000.0	975.7	M
1	9.327	9.325	0.002	87097625	1000.0	994.9	M
1	9.928	9.929	-0.001	55054035	1000.0	981.6	
1	10.617	10.619	-0.002	18597993	1000.0	935.0	
		Average of Peak Amounts =				978.7	
2	5.379	5.379	0.000	34854033	1000.0	1001.6	M
2	5.728	5.728	0.000	64125488	1000.0	996.5	M
2	6.268	6.268	0.000	27455583	1000.0	937.1	M
2	6.629	6.629	0.000	30441396	1000.0	963.1	M
2	7.142	7.141	0.001	74967822	1000.0	985.1	M
2	7.629	7.628	0.001	34835924	1000.0	995.4	M
2	7.788	7.787	0.001	19626977	1000.0	889.8	M
2	8.887	8.882	0.005	16755206	1000.0	903.4	M
		Average of Peak Amounts =				959.0	
						RPD = 2.04	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBICV_00027	Amount Added: 1.00	Units: mL	
SGPCBISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:01:17 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008257.D

Injection Date: 07-Jan-2021 12:02:50 Instrument ID: CPESTGC13 Operator ID:

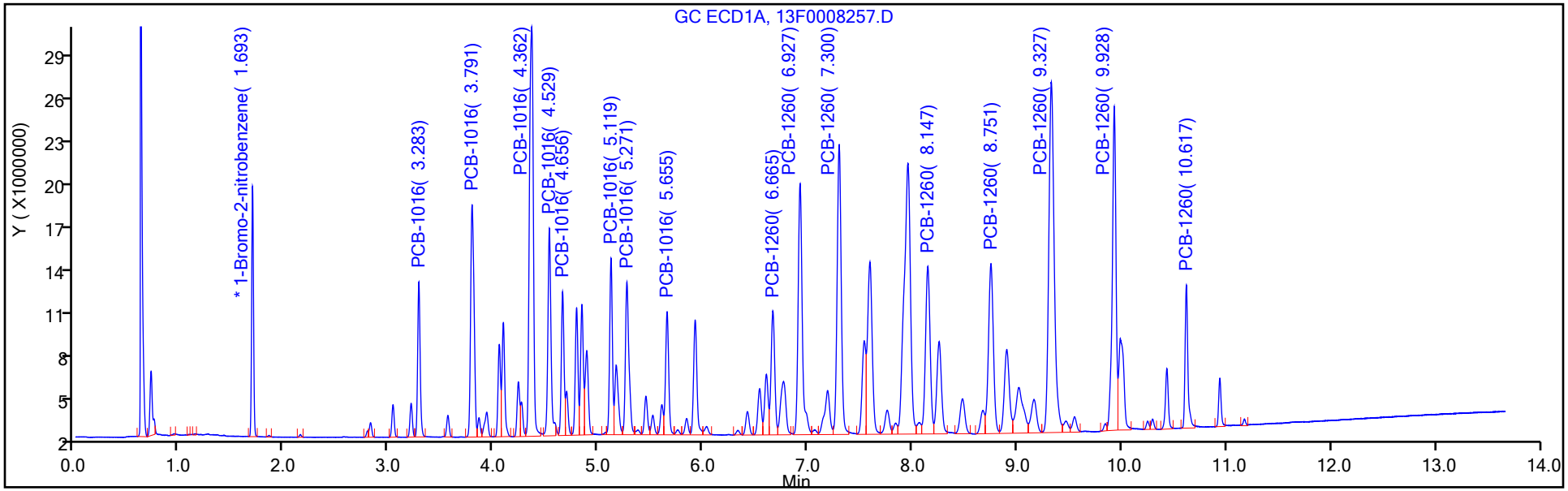
Lims ID: ICV Worklist Smp#: 7

Client ID:

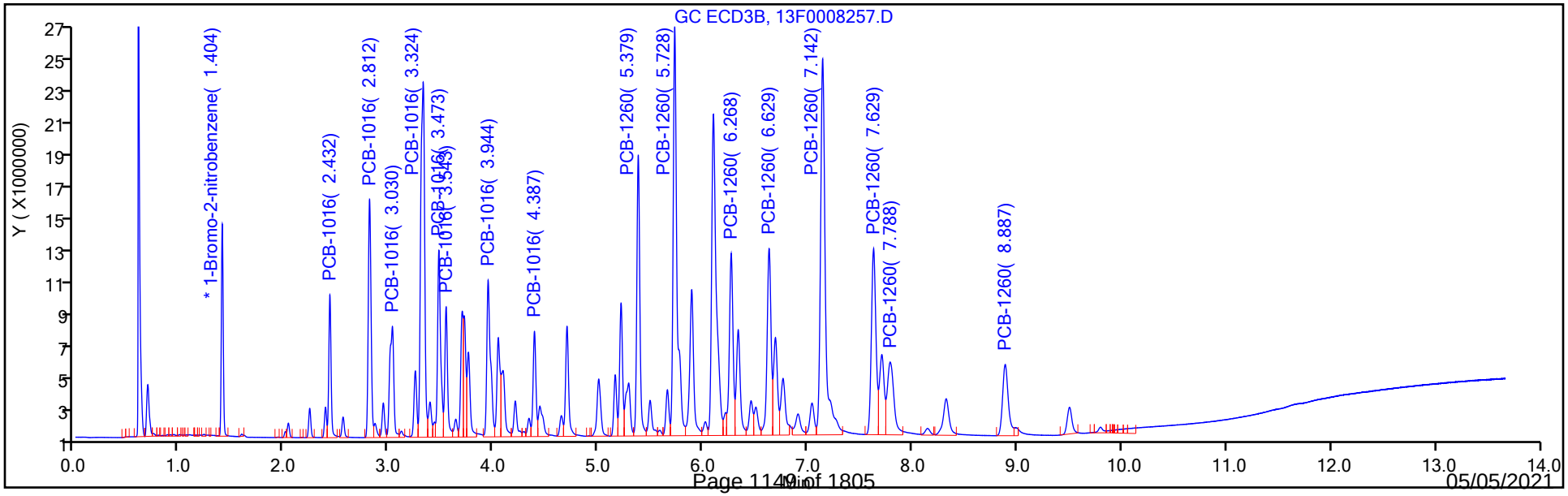
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 15:01:17 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008257.D

Injection Date: 07-Jan-2021 12:02:50 Instrument ID: CPESTGC13

Lims ID: ICV

Client ID:

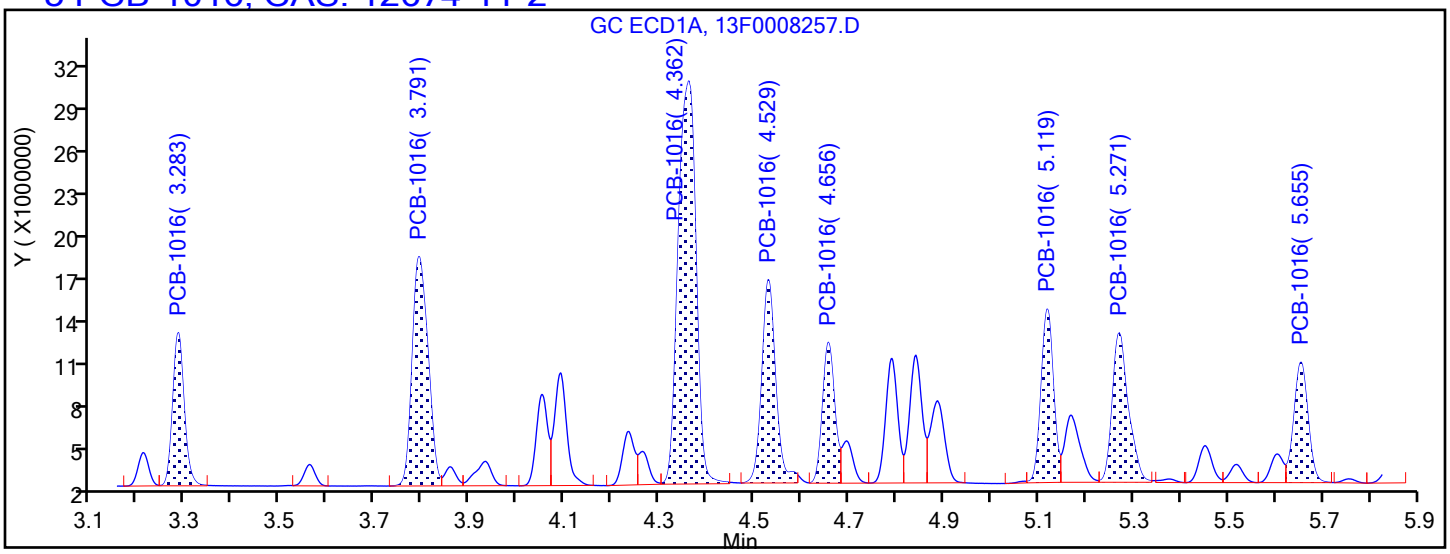
Operator ID: ALS Bottle#: 11 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

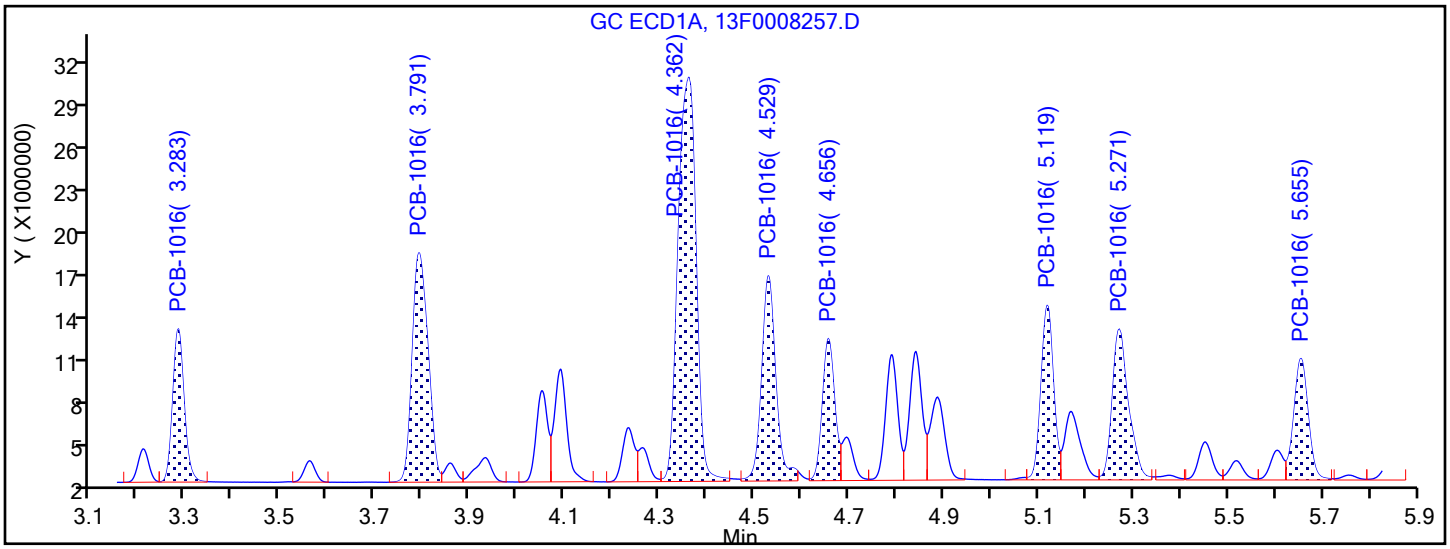
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.283	Response = 17744543
3.791	Response = 36756211
4.362	Response = 72754792
4.529	Response = 28723351
4.656	Response = 17490482
5.119	Response = 21918578
5.271	Response = 24278749
5.655	Response = 17403478



Manual Integration Results

3.283	Response = 17744543	
3.791	Response = 36756211	
4.362	Response = 73488419	M
4.529	Response = 29598914	M
4.656	Response = 17835280	M
5.119	Response = 22226315	M

Report Date: 07-Jan-2021 15:01:18 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008257.D

Injection Date: 07-Jan-2021 12:02:50 Instrument ID: CPESTGC13

Lims ID: ICV

Client ID:

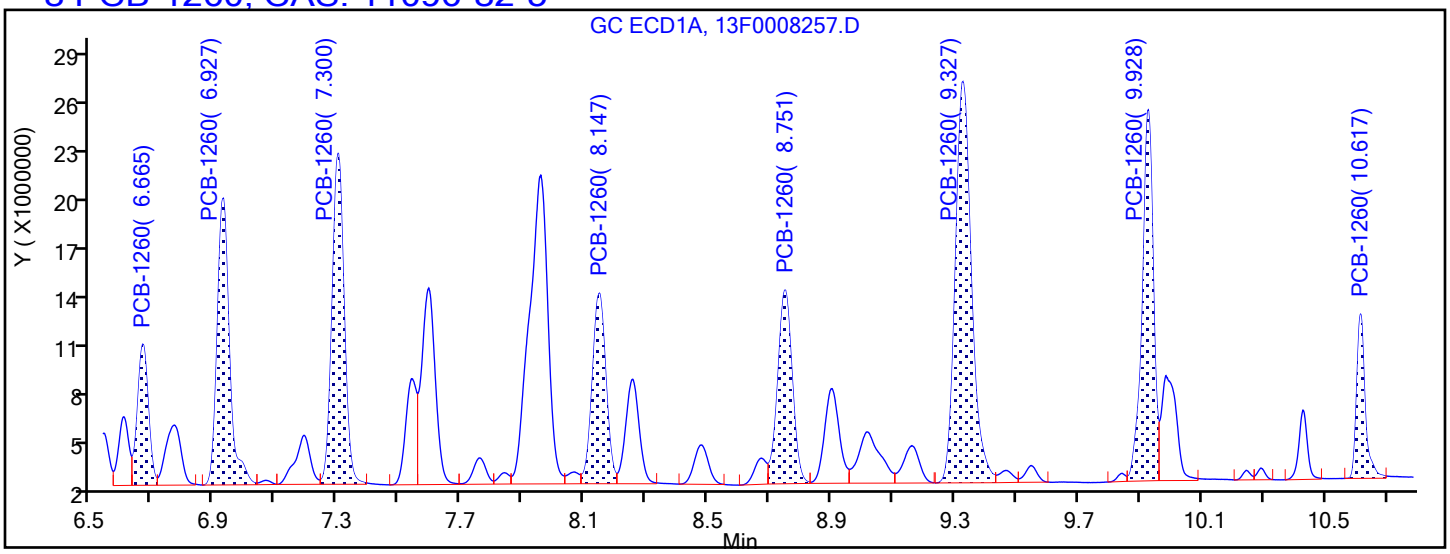
Operator ID: ALS Bottle#: 11 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

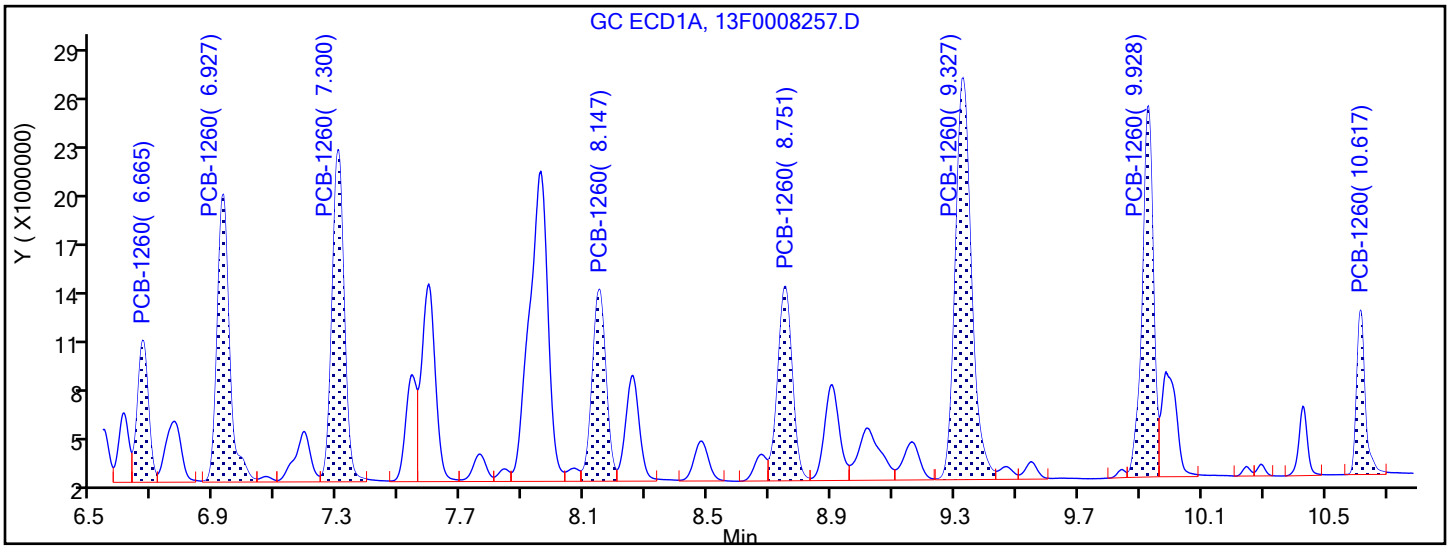
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.665	Response = 20878408
6.927	Response = 47092961
7.300	Response = 53545436
8.147	Response = 35194011
8.751	Response = 37797150
9.327	Response = 86655549
9.928	Response = 55054035
10.617	Response = 18597993



Manual Integration Results

6.665	Response = 21128013	M
6.927	Response = 47748995	M
7.300	Response = 54305689	M
8.147	Response = 35759126	M
8.751	Response = 38261234	M
9.327	Response = 87097625	M

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: ICV 460-751453/7 Calibration Date: 01/07/2021 12:02

Instrument ID: CPESTGC13 Calib Start Date: 01/07/2021 10:43

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/07/2021 11:47

Lab File ID: 13F0008257.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0174	0.0165		950	1000	-5.0	20.0
PCB-1016 Peak 2	Ave	0.0332	0.0335		1010	1000	1.1	20.0
PCB-1016 Peak 3	Ave	0.0224	0.0227		1020	1000	1.5	20.0
PCB-1016 Peak 4	Ave	0.0686	0.0707		1030	1000	3.0	20.0
PCB-1016 Peak 5	Ave	0.0284	0.0292		1030	1000	2.7	20.0
PCB-1016 Peak 6	Ave	0.0178	0.0184		1030	1000	3.5	20.0
PCB-1016 Peak 7	Ave	0.0294	0.0294		1000	1000	0.2	20.0
PCB-1016 Peak 8	Ave	0.0161	0.0152		942	1000	-5.8	20.0
PCB-1260 Peak 1	Ave	0.0429	0.0430		1000	1000	0.2	20.0
PCB-1260 Peak 2	Ave	0.0793	0.0790		997	1000	-0.3	20.0
PCB-1260 Peak 3	Ave	0.0361	0.0338		937	1000	-6.3	20.0
PCB-1260 Peak 4	Ave	0.0390	0.0375		963	1000	-3.7	20.0
PCB-1260 Peak 5	Ave	0.0938	0.0924		985	1000	-1.5	20.0
PCB-1260 Peak 6	Ave	0.0431	0.0429		995	1000	-0.5	20.0
PCB-1260 Peak 7	Ave	0.0272	0.0242		890	1000	-11.0	20.0
PCB-1260 Peak 8	Ave	0.0229	0.0207		903	1000	-9.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: ICV 460-751453/7 Calibration Date: 01/07/2021 12:02

Instrument ID: CPESTGC13 Calib Start Date: 01/07/2021 10:43

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/07/2021 11:47

Lab File ID: 13F0008257.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.43	2.36	2.50
PCB-1016 Peak 2	2.81	2.74	2.88
PCB-1016 Peak 3	3.03	2.96	3.10
PCB-1016 Peak 4	3.32	3.25	3.39
PCB-1016 Peak 5	3.47	3.40	3.54
PCB-1016 Peak 6	3.54	3.47	3.61
PCB-1016 Peak 7	3.94	3.87	4.01
PCB-1016 Peak 8	4.39	4.32	4.46
PCB-1260 Peak 1	5.38	5.31	5.45
PCB-1260 Peak 2	5.73	5.66	5.80
PCB-1260 Peak 3	6.27	6.20	6.34
PCB-1260 Peak 4	6.63	6.56	6.70
PCB-1260 Peak 5	7.14	7.07	7.21
PCB-1260 Peak 6	7.63	7.56	7.70
PCB-1260 Peak 7	7.79	7.72	7.86
PCB-1260 Peak 8	8.89	8.81	8.95

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008257.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 07-Jan-2021 12:02:50 ALS Bottle#: 11 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0122580-007
Operator ID: Instrument ID: CPESTGC13
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Jan-2021 15:01:03 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1612

First Level Reviewer: patelji Date: 07-Jan-2021 13:38:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.693	1.703	-0.010	21499766	20.0	20.0	
2	1.404	1.412	-0.008	16225623	20.0	20.0	
						RPD = 0.00	
5 PCB-1016							M
1	3.283	3.283	0.000	17744543	1000.0	1003.5	
1	3.791	3.791	0.000	36756211	1000.0	1016.3	
1	4.362	4.362	0.000	73488419	1000.0	1020.7	M
1	4.529	4.531	-0.002	29598914	1000.0	1014.1	M
1	4.656	4.656	0.000	17835280	1000.0	1004.8	M
1	5.119	5.119	0.000	22226315	1000.0	1012.3	M
1	5.271	5.270	0.001	24917888	1000.0	975.7	M
1	5.655	5.657	-0.002	17838876	1000.0	836.2	M
		Average of Peak Amounts =				985.4	
2	2.432	2.432	0.000	13388105	1000.0	950.4	M
2	2.812	2.811	0.001	27207881	1000.0	1011.2	M
2	3.030	3.030	0.000	18410663	1000.0	1015.1	M
2	3.324	3.324	0.000	57341056	1000.0	1030.4	M
2	3.473	3.474	-0.001	23682185	1000.0	1027.2	M
2	3.543	3.543	0.000	14951870	1000.0	1034.9	M
2	3.944	3.944	0.000	23866057	1000.0	1001.7	M
2	4.387	4.387	0.000	12320258	1000.0	941.7	M
		Average of Peak Amounts =				1001.6	
						RPD = 1.63	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.665	6.666	-0.001	21128013	1000.0	1000.0	M
1	6.927	6.926	0.001	47748995	1000.0	999.4	M
1	7.300	7.299	0.001	54305689	1000.0	1000.9	M
1	8.147	8.146	0.001	35759126	1000.0	942.3	M
1	8.751	8.747	0.004	38261234	1000.0	975.7	M
1	9.327	9.325	0.002	87097625	1000.0	994.9	M
1	9.928	9.929	-0.001	55054035	1000.0	981.6	
1	10.617	10.619	-0.002	18597993	1000.0	935.0	
		Average of Peak Amounts =				978.7	
2	5.379	5.379	0.000	34854033	1000.0	1001.6	M
2	5.728	5.728	0.000	64125488	1000.0	996.5	M
2	6.268	6.268	0.000	27455583	1000.0	937.1	M
2	6.629	6.629	0.000	30441396	1000.0	963.1	M
2	7.142	7.141	0.001	74967822	1000.0	985.1	M
2	7.629	7.628	0.001	34835924	1000.0	995.4	M
2	7.788	7.787	0.001	19626977	1000.0	889.8	M
2	8.887	8.882	0.005	16755206	1000.0	903.4	M
		Average of Peak Amounts =				959.0	
						RPD = 2.04	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBICV_00027	Amount Added: 1.00	Units: mL	
SGPCBISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 07-Jan-2021 15:01:18 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008257.D

Injection Date: 07-Jan-2021 12:02:50 Instrument ID: CPESTGC13 Operator ID:

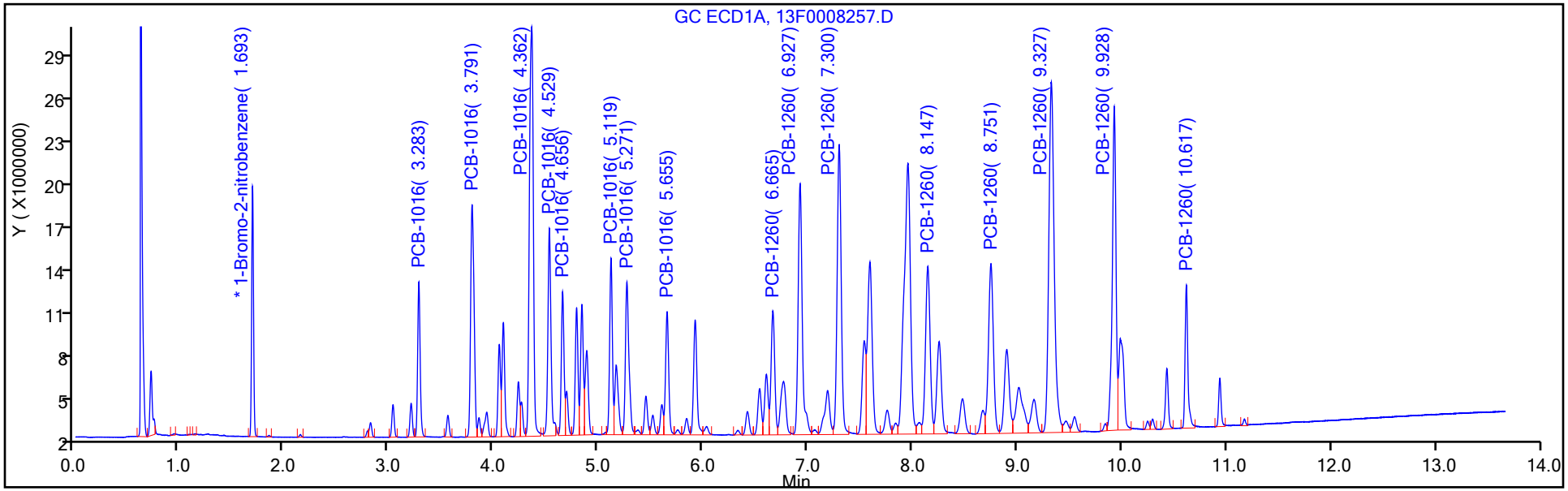
Lims ID: ICV Worklist Smp#: 7

Client ID:

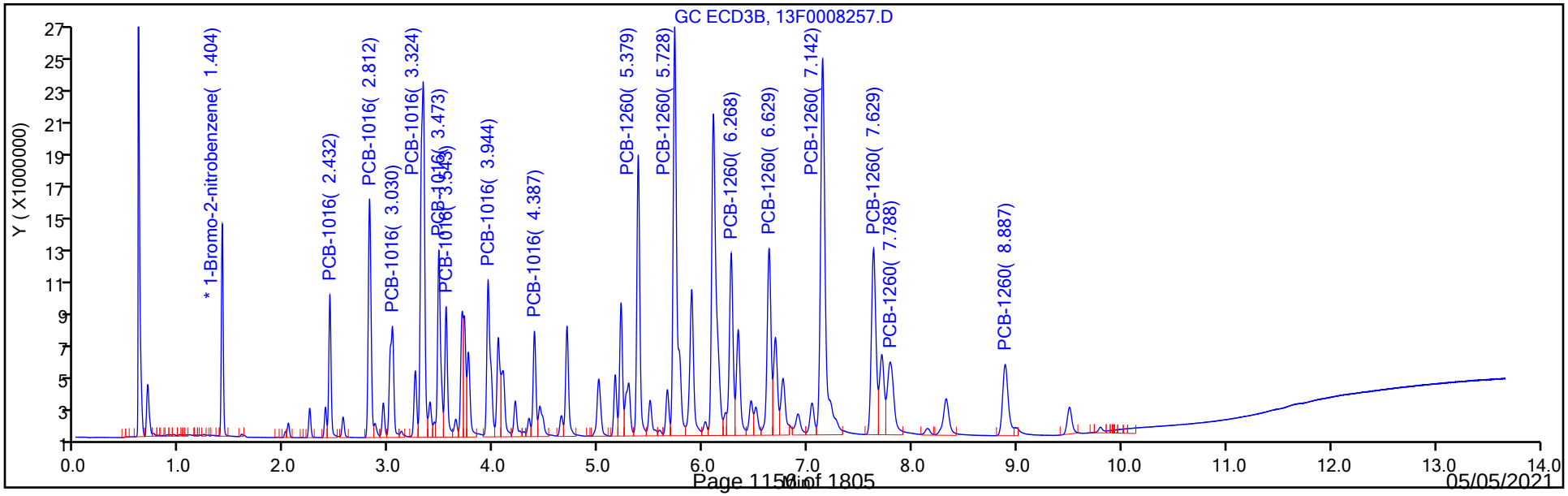
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 07-Jan-2021 15:01:19 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008257.D

Injection Date: 07-Jan-2021 12:02:50 Instrument ID: CPESTGC13

Lims ID: ICV

Client ID:

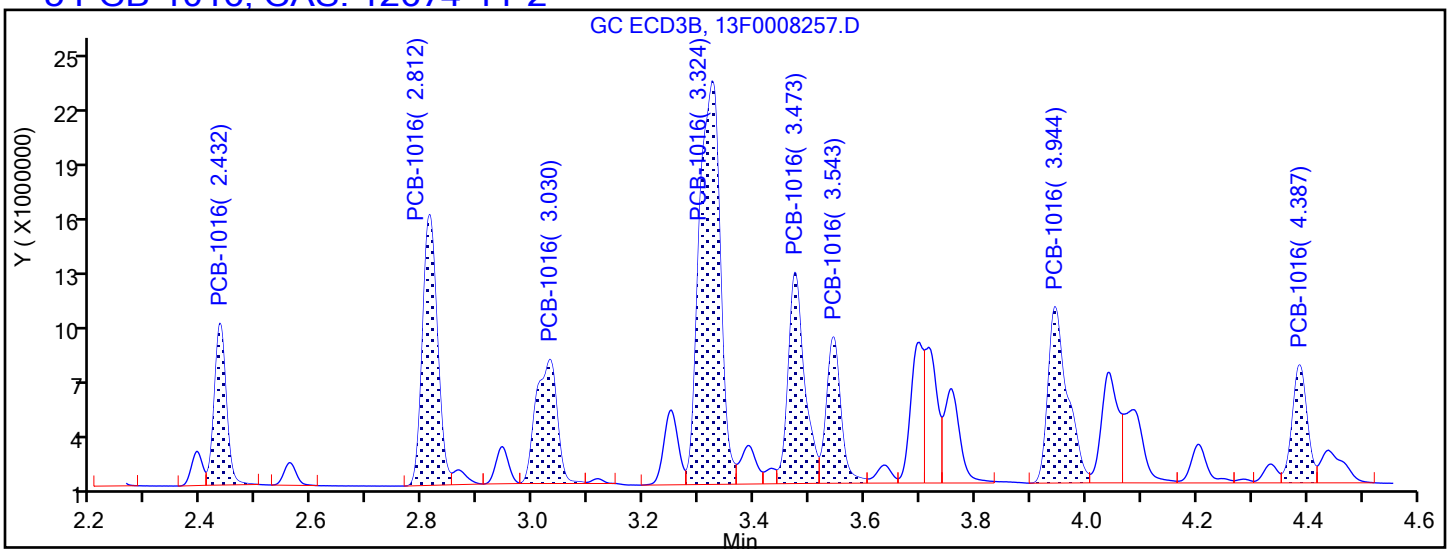
Operator ID: ALS Bottle#: 11 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

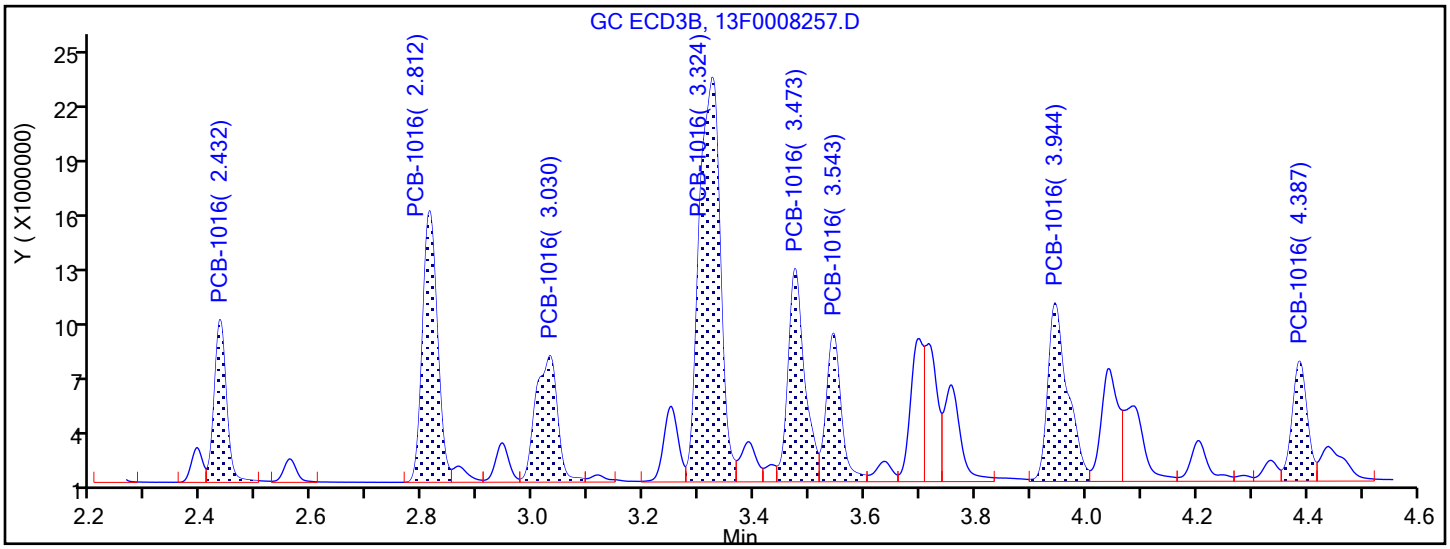
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.432	Response = 13012398
2.812	Response = 27042088
3.030	Response = 17511254
3.324	Response = 56978118
3.473	Response = 23181194
3.543	Response = 14316401
3.944	Response = 23101354
4.387	Response = 11897891



Manual Integration Results

2.432	Response = 13388105	M
2.812	Response = 27207881	M
3.030	Response = 18410663	M
3.324	Response = 57341056	M
3.473	Response = 23682185	M
3.543	Response = 14951870	M

Report Date: 07-Jan-2021 15:01:19 Chrom Revision: 2.3 09-Dec-2020 16:22:14

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008257.D

Injection Date: 07-Jan-2021 12:02:50 Instrument ID: CPESTGC13

Lims ID: ICV

Client ID:

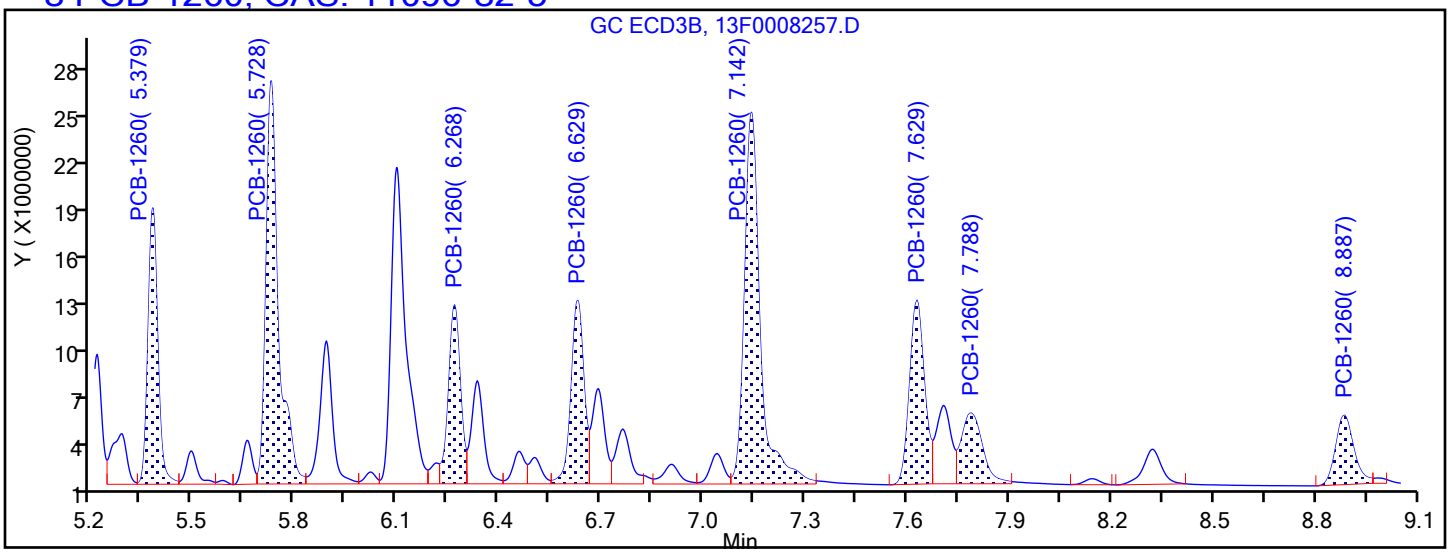
Operator ID: ALS Bottle#: 11 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

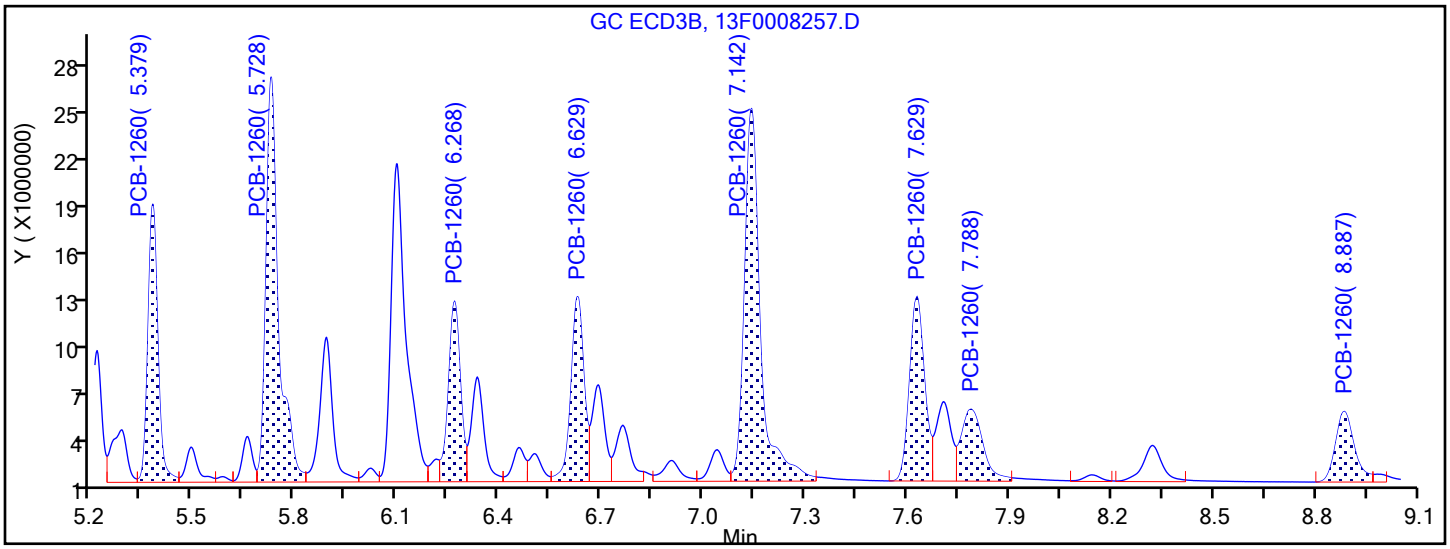
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.379	Response = 33995781
5.728	Response = 63100367
6.268	Response = 26925200
6.629	Response = 29788607
7.142	Response = 74019863
7.629	Response = 34583481
7.788	Response = 18862752
8.887	Response = 15959355



Manual Integration Results

5.379	Response = 34854033	M
5.728	Response = 64125488	M
6.268	Response = 27455583	M
6.629	Response = 30441396	M
7.142	Response = 74967822	M
7.629	Response = 34835924	M

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: CCVIS 460-775079/2 Calibration Date: 05/03/2021 08:21

Instrument ID: CPESTGC13 Calib Start Date: 01/07/2021 10:43

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/07/2021 11:47

Lab File ID: 13F0011338.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0164	0.0160		976	1000	-2.4	20.0
PCB-1016 Peak 2	Ave	0.0336	0.0333		989	1000	-1.1	20.0
PCB-1016 Peak 3	Ave	0.0670	0.0703		1050	1000	5.0	20.0
PCB-1016 Peak 4	Ave	0.0272	0.0274		1010	1000	1.0	20.0
PCB-1016 Peak 5	Ave	0.0165	0.0165		1000	1000	0.2	20.0
PCB-1016 Peak 6	Ave	0.0204	0.0211		1040	1000	3.5	20.0
PCB-1016 Peak 7	Ave	0.0238	0.0249		1050	1000	4.9	20.0
PCB-1016 Peak 8	Ave	0.0198	0.0210		1060	1000	5.8	20.0
PCB-1260 Peak 1	Ave	0.0197	0.0209		1060	1000	6.3	20.0
PCB-1260 Peak 2	Ave	0.0444	0.0433		975	1000	-2.5	20.0
PCB-1260 Peak 3	Ave	0.0505	0.0518		1030	1000	2.6	20.0
PCB-1260 Peak 4	Ave	0.0353	0.0357		1010	1000	1.0	20.0
PCB-1260 Peak 5	Ave	0.0365	0.0362		994	1000	-0.6	20.0
PCB-1260 Peak 6	Ave	0.0814	0.0800		982	1000	-1.8	20.0
PCB-1260 Peak 7	Ave	0.0522	0.0519		995	1000	-0.5	20.0
PCB-1260 Peak 8	Ave	0.0185	0.0186		1010	1000	0.7	20.0
Tetrachloro-m-xylene	Ave	0.9517	1.008		106	100	5.9	20.0
DCB Decachlorobiphenyl	Ave	0.6126	0.6280		103	100	2.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: CCVIS 460-775079/2 Calibration Date: 05/03/2021 08:21

Instrument ID: CPESTGC13 Calib Start Date: 01/07/2021 10:43

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/07/2021 11:47

Lab File ID: 13F0011338.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.72	3.69	3.75
PCB-1016 Peak 2	4.24	4.17	4.31
PCB-1016 Peak 3	4.83	4.76	4.90
PCB-1016 Peak 4	5.00	4.93	5.07
PCB-1016 Peak 5	5.13	5.06	5.20
PCB-1016 Peak 6	5.60	5.53	5.67
PCB-1016 Peak 7	5.77	5.70	5.84
PCB-1016 Peak 8	6.20	6.13	6.27
PCB-1260 Peak 1	7.32	7.29	7.35
PCB-1260 Peak 2	7.61	7.54	7.68
PCB-1260 Peak 3	8.02	7.95	8.09
PCB-1260 Peak 4	8.95	8.88	9.02
PCB-1260 Peak 5	9.57	9.50	9.64
PCB-1260 Peak 6	9.98	9.91	10.05
PCB-1260 Peak 7	10.45	10.38	10.52
PCB-1260 Peak 8	11.09	11.02	11.16
Tetrachloro-m-xylene	3.09	3.06	3.12
DCB Decachlorobiphenyl	11.64	11.61	11.67

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011338.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 03-May-2021 08:21:37 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127894-002
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-May-2021 10:36:26 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1633

First Level Reviewer: babud Date: 03-May-2021 09:41:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	2.047	2.047	0.000	22778660	20.0	20.0	
2	1.729	1.729	0.000	11591160	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.092	3.092	0.000	114829484	100.0	105.9	
2	2.440	2.440	0.000	62934675	100.0	111.5	
						RPD = 5.16	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.722	3.722	0.000	18277578	1000.0	975.6	
1	4.242	4.242	0.000	37882649	1000.0	988.6	
1	4.827	4.827	0.000	80081955	1000.0	1049.8	
1	4.998	4.998	0.000	31242422	1000.0	1010.3	
1	5.128	5.128	0.000	18848699	1000.0	1002.3	
1	5.602	5.602	0.000	24080868	1000.0	1035.2	
1	5.768	5.768	0.000	28369103	1000.0	1048.5	
1	6.198	6.198	0.000	23912534	1000.0	1058.0	
		Average of Peak Amounts =				1021.0	
2	2.837	2.837	0.000	10328322	1000.0	1026.4	
2	3.233	3.233	0.000	20628429	1000.0	1073.3	
2	3.462	3.462	0.000	13240548	1000.0	1021.9	M
2	3.766	3.766	0.000	42715835	1000.0	1074.5	
2	3.918	3.918	0.000	17443098	1000.0	1059.1	
2	3.990	3.990	0.000	10876234	1000.0	1053.8	
2	4.398	4.398	0.000	17606874	1000.0	1034.5	
2	4.849	4.849	0.000	9796920	1000.0	1048.3	
		Average of Peak Amounts =				1049.0	
						RPD = 2.70	
8 PCB-1260							
1	7.321	7.321	0.000	23785639	1000.0	1062.6	
1	7.608	7.608	0.000	49339994	1000.0	974.8	
1	8.017	8.017	0.000	58950655	1000.0	1025.5	
1	8.947	8.947	0.000	40616864	1000.0	1010.3	
1	9.569	9.569	0.000	41281722	1000.0	993.6	
1	9.977	9.977	0.000	91087827	1000.0	982.1	
1	10.446	10.446	0.000	59134296	1000.0	995.1	
1	11.086	11.086	0.000	21227792	1000.0	1007.3	
		Average of Peak Amounts =				1006.4	
2	5.882	5.882	0.000	27284928	1000.0	1097.6	
2	6.270	6.270	0.000	42107166	1000.0	916.0	
2	6.872	6.872	0.000	21963815	1000.0	1049.4	
2	7.275	7.275	0.000	23825936	1000.0	1055.2	
2	7.838	7.838	0.000	52838606	1000.0	971.9	
2	8.379	8.379	0.000	27660606	1000.0	1106.4	
2	8.549	8.549	0.000	15520211	1000.0	984.9	
2	9.672	9.672	0.000	13590517	1000.0	1025.7	
		Average of Peak Amounts =				1025.9	
						RPD = 1.92	
$ 11 DCB Decachlorobiphenyl							
1	11.641	11.641	0.000	71522038	100.0	102.5	
2	10.320	10.320	0.000	50798900	100.0	111.0	
						RPD = 7.92	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SG1660L3_00039	Amount Added: 1.00	Units: mL	
SGPCBISTD_00021	Amount Added: 20.00	Units: uL	Run Reagent

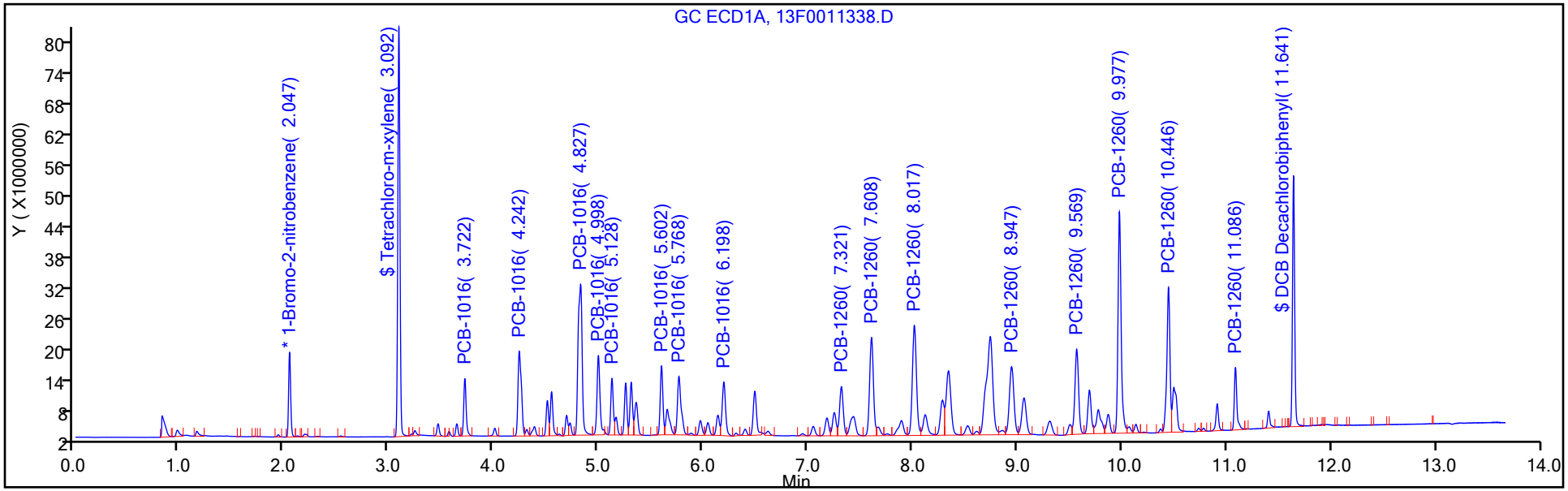
Report Date: 03-May-2021 10:36:26 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

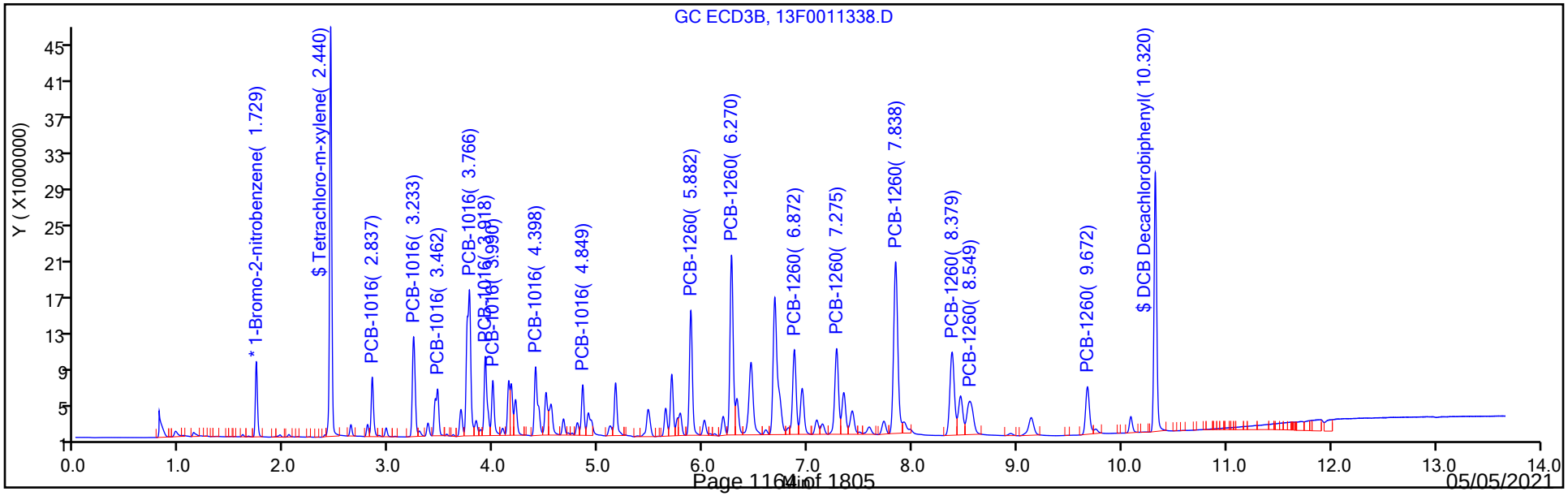
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011338.D

Injection Date:	03-May-2021 08:21:37	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: CCVIS 460-775079/2 Calibration Date: 05/03/2021 08:21

Instrument ID: CPESTGC13 Calib Start Date: 01/07/2021 10:43

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/07/2021 11:47

Lab File ID: 13F0011338.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0174	0.0178		1030	1000	2.6	20.0
PCB-1016 Peak 2	Ave	0.0332	0.0356		1070	1000	7.3	20.0
PCB-1016 Peak 3	Ave	0.0224	0.0228		1020	1000	2.2	20.0
PCB-1016 Peak 4	Ave	0.0686	0.0737		1070	1000	7.5	20.0
PCB-1016 Peak 5	Ave	0.0284	0.0301		1060	1000	5.9	20.0
PCB-1016 Peak 6	Ave	0.0178	0.0188		1050	1000	5.4	20.0
PCB-1016 Peak 7	Ave	0.0294	0.0304		1030	1000	3.4	20.0
PCB-1016 Peak 8	Ave	0.0161	0.0169		1050	1000	4.8	20.0
PCB-1260 Peak 1	Ave	0.0429	0.0471		1100	1000	9.8	20.0
PCB-1260 Peak 2	Ave	0.0793	0.0727		916	1000	-8.4	20.0
PCB-1260 Peak 3	Ave	0.0361	0.0379		1050	1000	4.9	20.0
PCB-1260 Peak 4	Ave	0.0390	0.0411		1060	1000	5.5	20.0
PCB-1260 Peak 5	Ave	0.0938	0.0912		972	1000	-2.8	20.0
PCB-1260 Peak 6	Ave	0.0431	0.0477		1110	1000	10.6	20.0
PCB-1260 Peak 7	Ave	0.0272	0.0268		985	1000	-1.5	20.0
PCB-1260 Peak 8	Ave	0.0229	0.0234		1030	1000	2.6	20.0
Tetrachloro-m-xylene	Ave	0.9735	1.086		112	100	11.5	20.0
DCB Decachlorobiphenyl	Ave	0.7899	0.8765		111	100	11.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: CCVIS 460-775079/2 Calibration Date: 05/03/2021 08:21

Instrument ID: CPESTGC13 Calib Start Date: 01/07/2021 10:43

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/07/2021 11:47

Lab File ID: 13F0011338.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.84	2.77	2.91
PCB-1016 Peak 2	3.23	3.16	3.30
PCB-1016 Peak 3	3.46	3.39	3.53
PCB-1016 Peak 4	3.77	3.70	3.84
PCB-1016 Peak 5	3.92	3.85	3.99
PCB-1016 Peak 6	3.99	3.92	4.06
PCB-1016 Peak 7	4.40	4.33	4.47
PCB-1016 Peak 8	4.85	4.78	4.92
PCB-1260 Peak 1	5.88	5.81	5.95
PCB-1260 Peak 2	6.27	6.20	6.34
PCB-1260 Peak 3	6.87	6.80	6.94
PCB-1260 Peak 4	7.28	7.21	7.35
PCB-1260 Peak 5	7.84	7.77	7.91
PCB-1260 Peak 6	8.38	8.31	8.45
PCB-1260 Peak 7	8.55	8.48	8.62
PCB-1260 Peak 8	9.67	9.60	9.74
Tetrachloro-m-xylene	2.44	2.39	2.49
DCB Decachlorobiphenyl	10.32	10.22	10.42

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011338.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 03-May-2021 08:21:37 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127894-002
Operator ID: Instrument ID: CPESTGC13
Sublist: chrom-8082*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-May-2021 10:36:26 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1633

First Level Reviewer: babud Date: 03-May-2021 09:41:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	2.047	2.047	0.000	22778660	20.0	20.0	
2	1.729	1.729	0.000	11591160	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.092	3.092	0.000	114829484	100.0	105.9	
2	2.440	2.440	0.000	62934675	100.0	111.5	
						RPD = 5.16	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.722	3.722	0.000	18277578	1000.0	975.6	
1	4.242	4.242	0.000	37882649	1000.0	988.6	
1	4.827	4.827	0.000	80081955	1000.0	1049.8	
1	4.998	4.998	0.000	31242422	1000.0	1010.3	
1	5.128	5.128	0.000	18848699	1000.0	1002.3	
1	5.602	5.602	0.000	24080868	1000.0	1035.2	
1	5.768	5.768	0.000	28369103	1000.0	1048.5	
1	6.198	6.198	0.000	23912534	1000.0	1058.0	
		Average of Peak Amounts =				1021.0	
2	2.837	2.837	0.000	10328322	1000.0	1026.4	
2	3.233	3.233	0.000	20628429	1000.0	1073.3	
2	3.462	3.462	0.000	13240548	1000.0	1021.9	M
2	3.766	3.766	0.000	42715835	1000.0	1074.5	
2	3.918	3.918	0.000	17443098	1000.0	1059.1	
2	3.990	3.990	0.000	10876234	1000.0	1053.8	
2	4.398	4.398	0.000	17606874	1000.0	1034.5	
2	4.849	4.849	0.000	9796920	1000.0	1048.3	
		Average of Peak Amounts =				1049.0	
						RPD = 2.70	
8 PCB-1260							
1	7.321	7.321	0.000	23785639	1000.0	1062.6	
1	7.608	7.608	0.000	49339994	1000.0	974.8	
1	8.017	8.017	0.000	58950655	1000.0	1025.5	
1	8.947	8.947	0.000	40616864	1000.0	1010.3	
1	9.569	9.569	0.000	41281722	1000.0	993.6	
1	9.977	9.977	0.000	91087827	1000.0	982.1	
1	10.446	10.446	0.000	59134296	1000.0	995.1	
1	11.086	11.086	0.000	21227792	1000.0	1007.3	
		Average of Peak Amounts =				1006.4	
2	5.882	5.882	0.000	27284928	1000.0	1097.6	
2	6.270	6.270	0.000	42107166	1000.0	916.0	
2	6.872	6.872	0.000	21963815	1000.0	1049.4	
2	7.275	7.275	0.000	23825936	1000.0	1055.2	
2	7.838	7.838	0.000	52838606	1000.0	971.9	
2	8.379	8.379	0.000	27660606	1000.0	1106.4	
2	8.549	8.549	0.000	15520211	1000.0	984.9	
2	9.672	9.672	0.000	13590517	1000.0	1025.7	
		Average of Peak Amounts =				1025.9	
						RPD = 1.92	
$ 11 DCB Decachlorobiphenyl							
1	11.641	11.641	0.000	71522038	100.0	102.5	
2	10.320	10.320	0.000	50798900	100.0	111.0	
						RPD = 7.92	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SG1660L3_00039	Amount Added: 1.00	Units: mL	
SGPCBISTD_00021	Amount Added: 20.00	Units: uL	Run Reagent

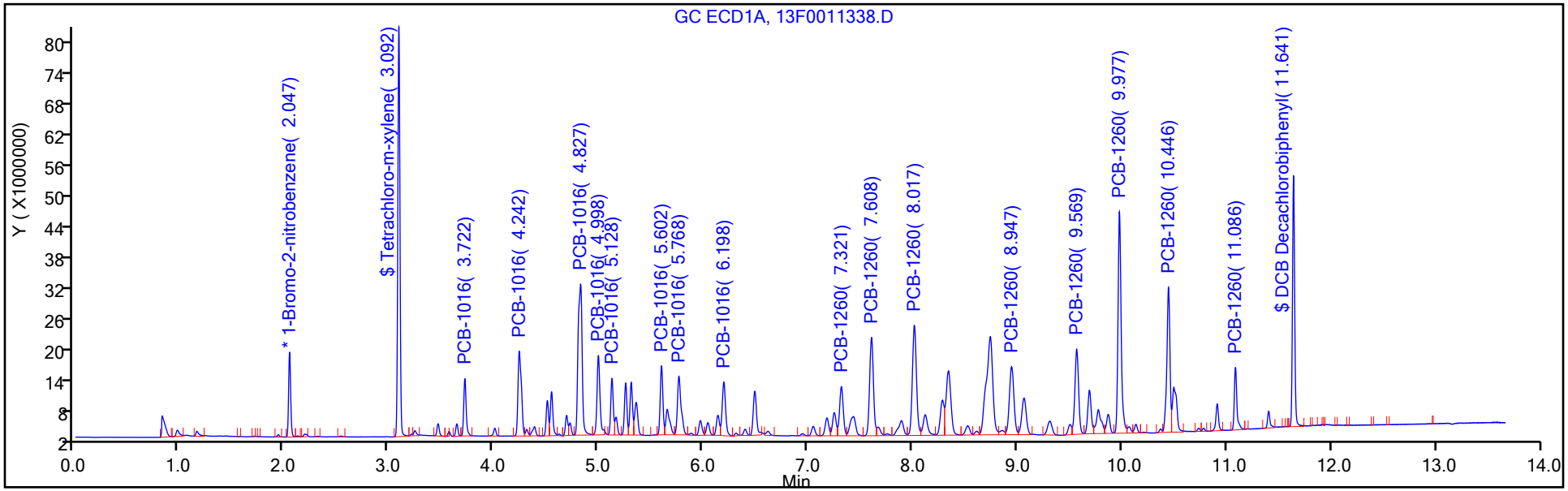
Report Date: 03-May-2021 10:36:27 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

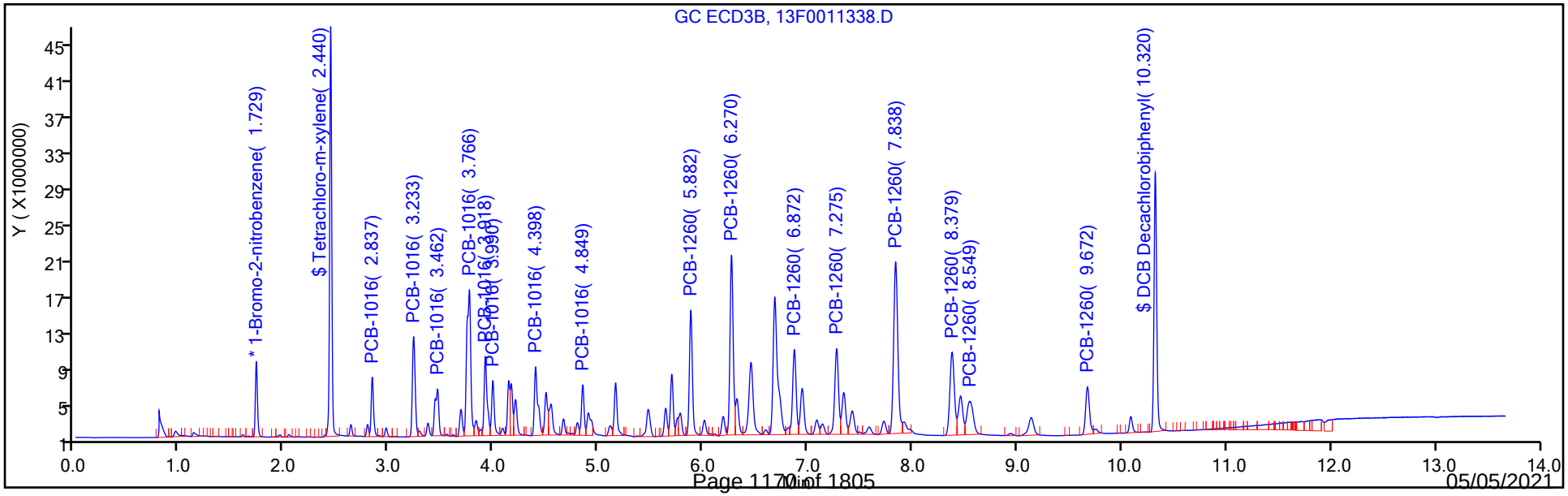
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011338.D

Injection Date:	03-May-2021 08:21:37	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 03-May-2021 10:36:28 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011338.D

Injection Date: 03-May-2021 08:21:37 Instrument ID: CPESTGC13

Lims ID: CCVIS

Client ID:

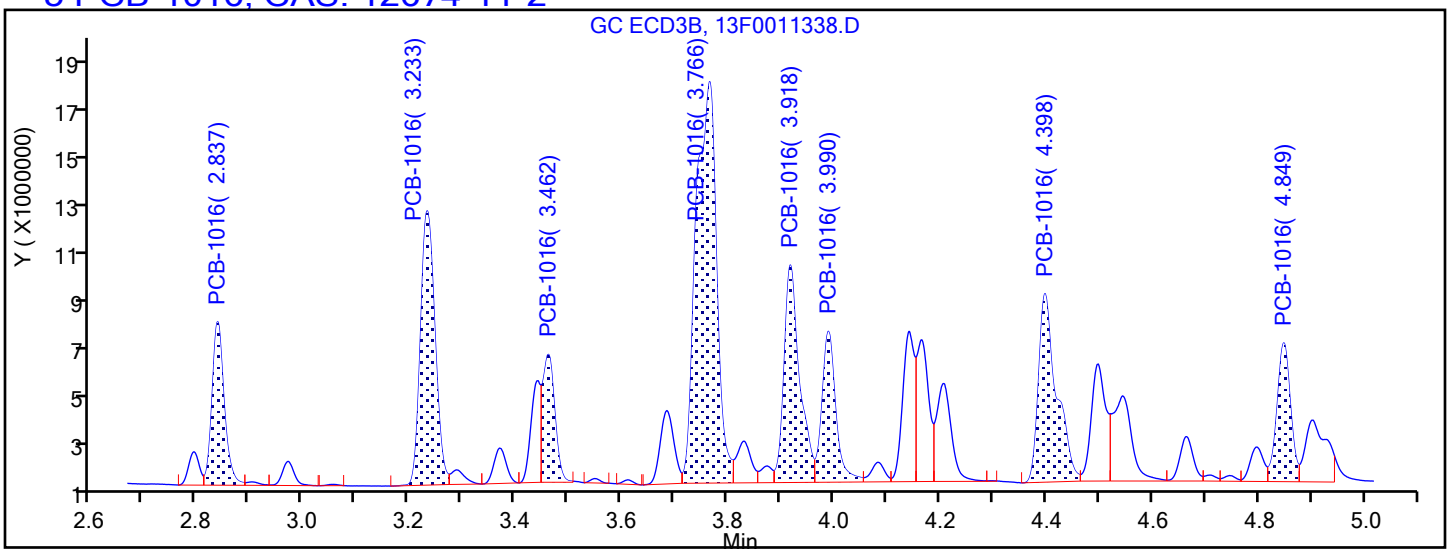
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

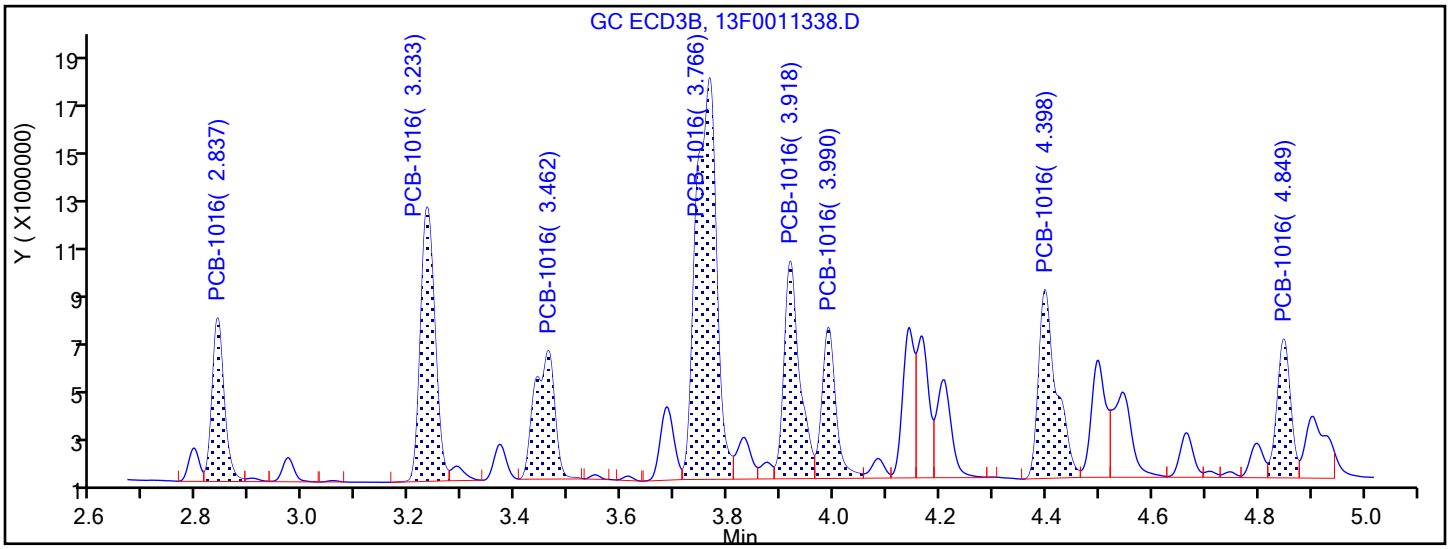
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.837	Response = 10328322
3.233	Response = 20628429
3.462	Response = 8006602
3.766	Response = 42715835
3.918	Response = 17443098
3.990	Response = 10876234
4.398	Response = 17606874
4.849	Response = 9796920



Manual Integration Results

2.837	Response = 10328322	
3.233	Response = 20628429	
3.462	Response = 13240548	M
3.766	Response = 42715835	
3.918	Response = 17443098	
3.990	Response = 10876234	

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-775107/1-A

Matrix: Solid Lab File ID: 13F0011342.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 09:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.067*	*U*	*0.067*	*0.0089*
11104-28-2	*Aroclor 1221*	*0.067*	*U*	*0.067*	*0.0089*
11141-16-5	*Aroclor 1232*	*0.067*	*U*	*0.067*	*0.0089*
53469-21-9	*Aroclor 1242*	*0.067*	*U*	*0.067*	*0.0089*
12672-29-6	*Aroclor 1248*	*0.067*	*U*	*0.067*	*0.0089*
11097-69-1	*Aroclor 1254*	*0.067*	*U*	*0.067*	*0.0092*
11096-82-5	*Aroclor 1260*	*0.067*	*U*	*0.067*	*0.0092*
37324-23-5	*Aroclor-1262*	*0.067*	*U*	*0.067*	*0.0092*
11100-14-4	*Aroclor 1268*	*0.067*	*U*	*0.067*	*0.0092*
1336-36-3	*Polychlorinated biphenyls, Total*	*0.067*	*U*	*0.067*	*0.0092*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		37-150
877-09-8	Tetrachloro-m-xylene	108		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011342.D
Lims ID: MB 460-775107/1-A
Client ID:
Sample Type: MB
Inject. Date: 03-May-2021 09:24:40 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127894-006
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-May-2021 10:36:34 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1633

First Level Reviewer: babud Date: 03-May-2021 09:45:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	2.047	2.047	0.000	21430933	20.0	20.0	
2	1.730	1.729	0.001	10890206	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.091	3.092	-0.001	55180405	50.0	54.1	
2	2.441	2.440	0.001	28823777	50.0	54.4	
						RPD = 0.49	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							a
1	11.632	11.641	-0.009	33539452	50.0	51.1	a
2	10.325	10.320	0.005	23574763	50.0	54.8	a
						RPD = 7.02	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

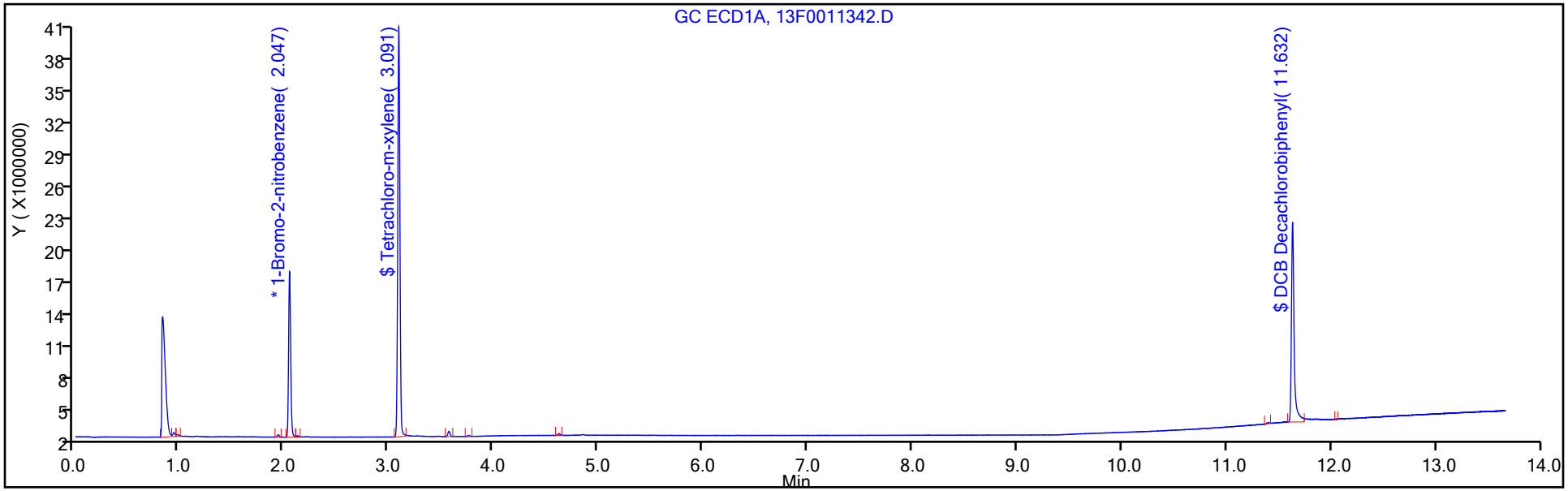
Report Date: 03-May-2021 10:36:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

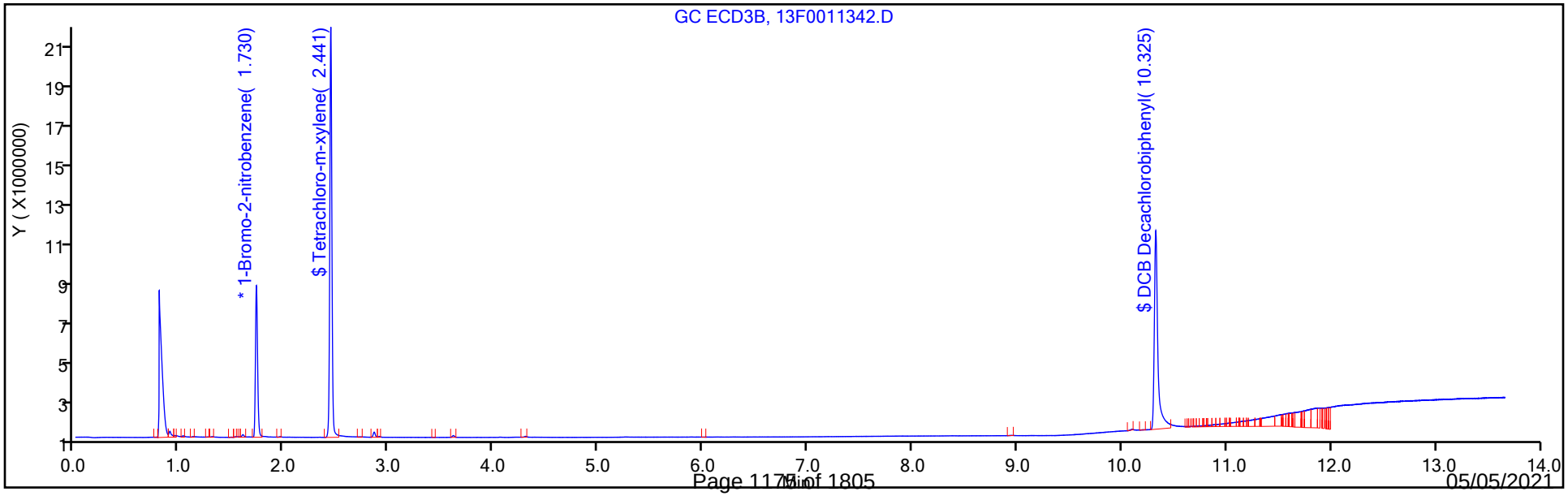
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011342.D

Injection Date:	03-May-2021 09:24:40	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	MB 460-775107/1-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

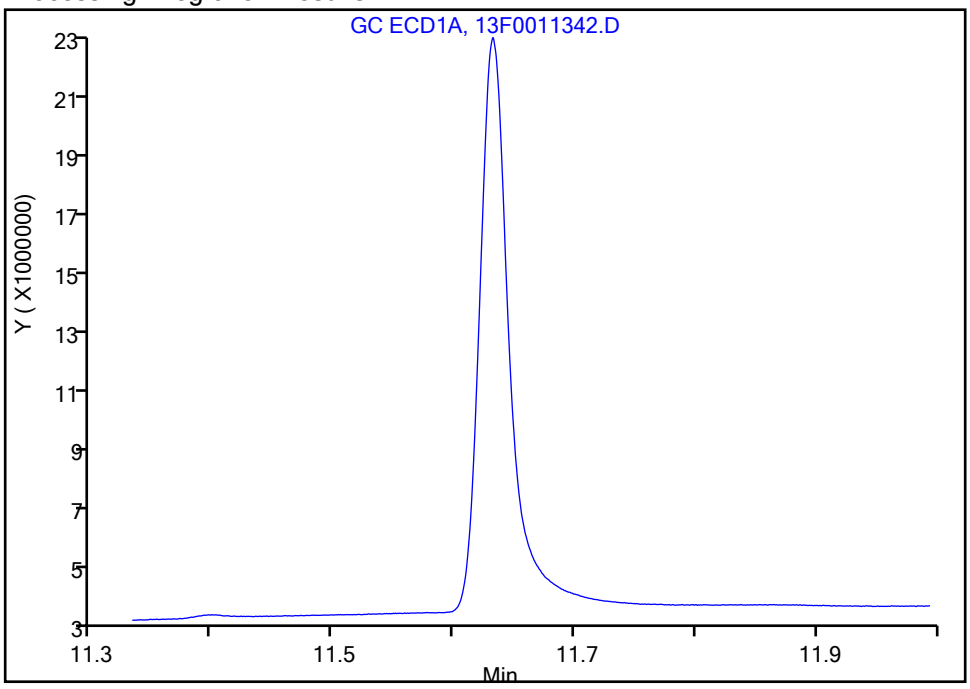
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011342.D				
Injection Date:	03-May-2021 09:24:40	Instrument ID:	CPESTGC13		
Lims ID:	MB 460-775107/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

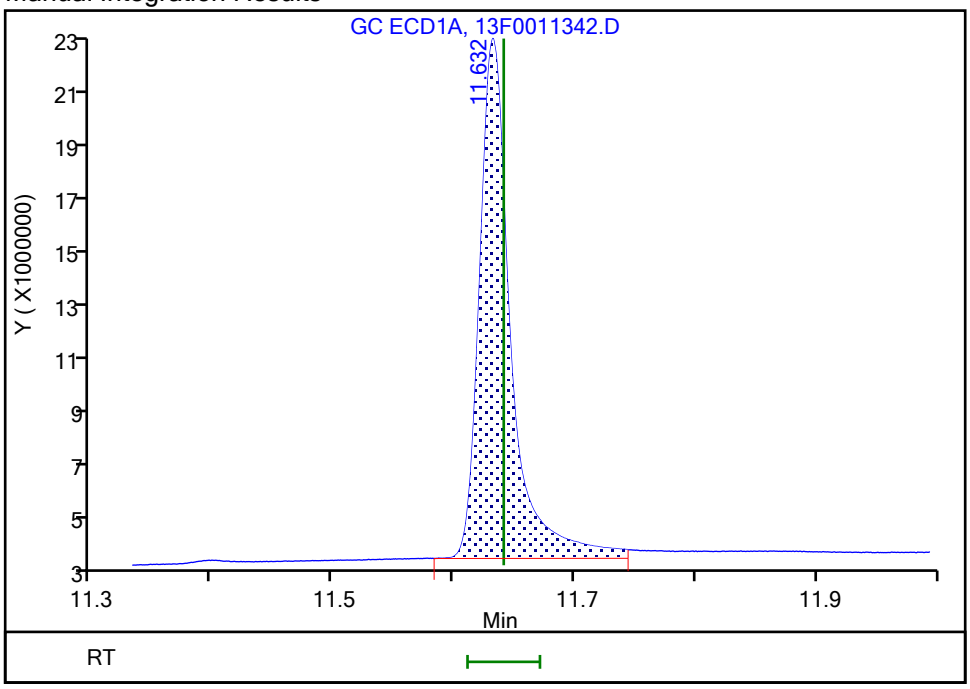
Not Detected
Expected RT: 11.64

Processing Integration Results



Manual Integration Results

RT: 11.63
Area: 33539452
Amount: 51.094665
Amount Units: ug/l



Reviewer: babud, 03-May-2021 09:44:58
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-775107/1-A

Matrix: Solid Lab File ID: 13F0011342.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 09:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.067	U	0.067	0.0089
11104-28-2	Aroclor 1221	0.067	U	0.067	0.0089
11141-16-5	Aroclor 1232	0.067	U	0.067	0.0089
53469-21-9	Aroclor 1242	0.067	U	0.067	0.0089
12672-29-6	Aroclor 1248	0.067	U	0.067	0.0089
11097-69-1	Aroclor 1254	0.067	U	0.067	0.0092
11096-82-5	Aroclor 1260	0.067	U	0.067	0.0092
37324-23-5	Aroclor-1262	0.067	U	0.067	0.0092
11100-14-4	Aroclor 1268	0.067	U	0.067	0.0092
1336-36-3	Polychlorinated biphenyls, Total	0.067	U	0.067	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		37-150
877-09-8	Tetrachloro-m-xylene	109		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011342.D
Lims ID: MB 460-775107/1-A
Client ID:
Sample Type: MB
Inject. Date: 03-May-2021 09:24:40 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127894-006
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-May-2021 10:36:34 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1633

First Level Reviewer: babud Date: 03-May-2021 09:45:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	2.047	2.047	0.000	21430933	20.0	20.0	
2	1.730	1.729	0.001	10890206	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.091	3.092	-0.001	55180405	50.0	54.1	
2	2.441	2.440	0.001	28823777	50.0	54.4	
						RPD = 0.49	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							a
1	11.632	11.641	-0.009	33539452	50.0	51.1	a
2	10.325	10.320	0.005	23574763	50.0	54.8	a
						RPD = 7.02	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

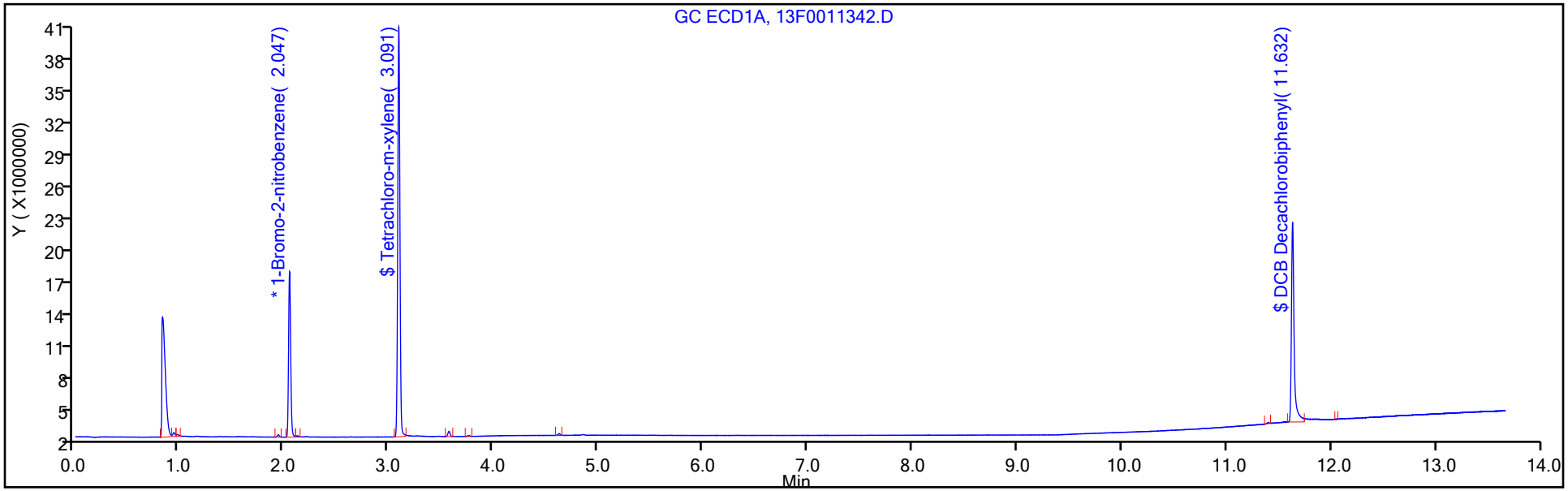
Report Date: 03-May-2021 10:36:37 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

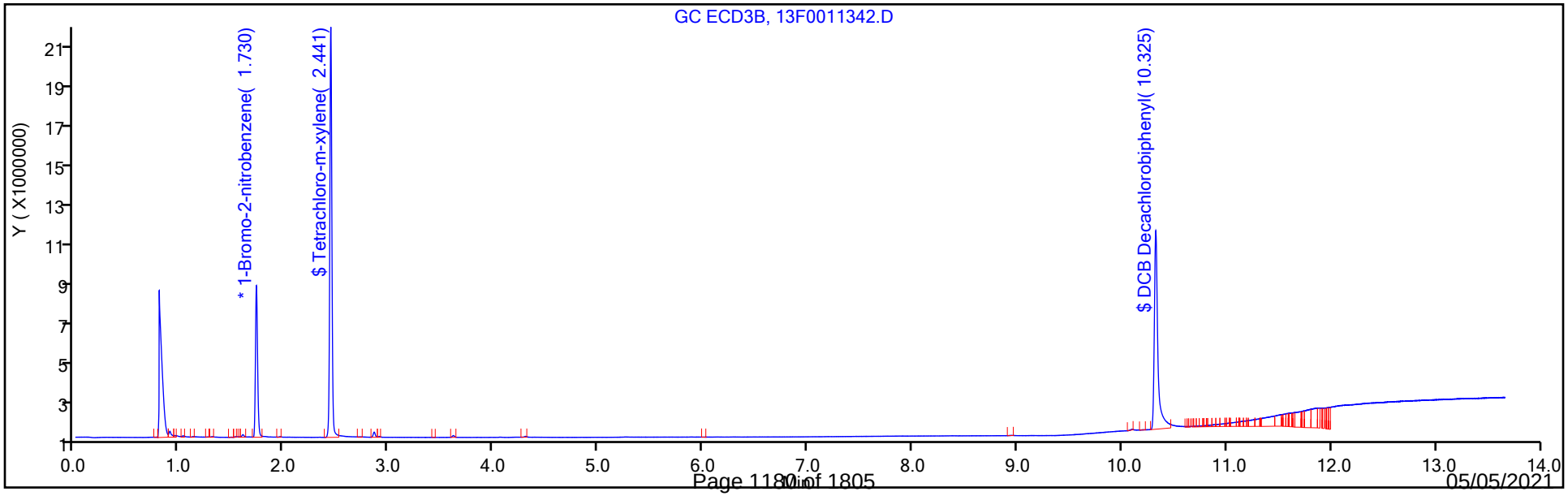
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011342.D

Injection Date:	03-May-2021 09:24:40	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	MB 460-775107/1-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

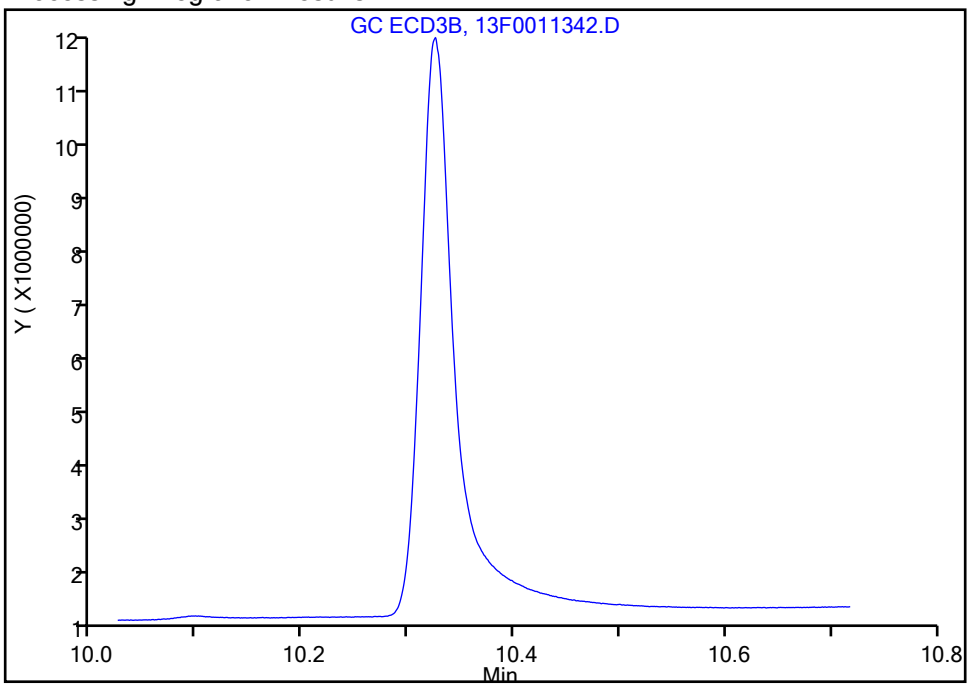
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011342.D				
Injection Date:	03-May-2021 09:24:40	Instrument ID:	CPESTGC13		
Lims ID:	MB 460-775107/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

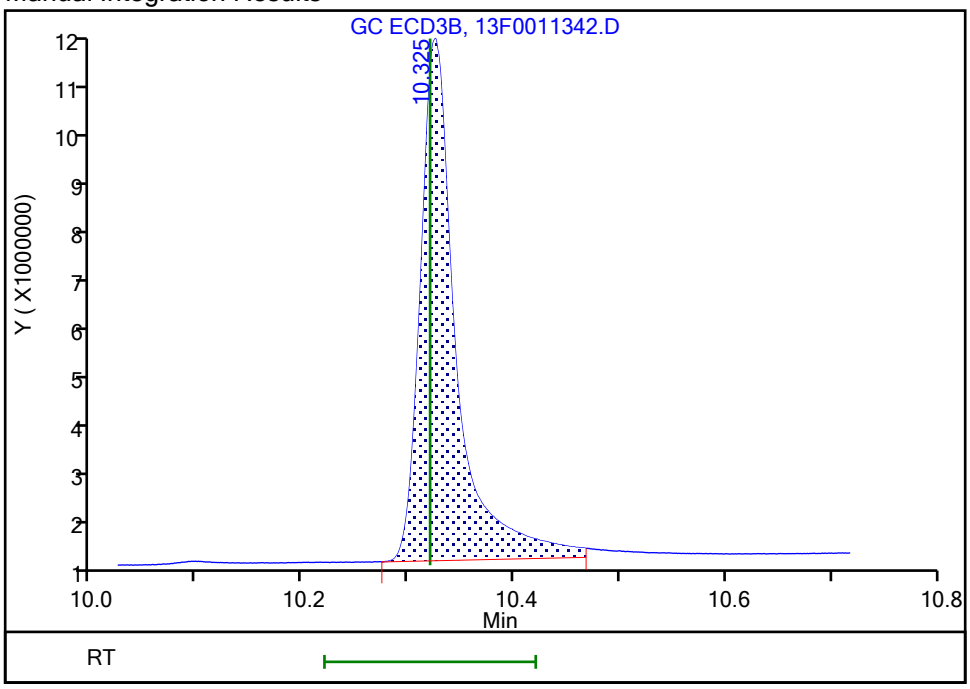
Not Detected
Expected RT: 10.32

Processing Integration Results



Manual Integration Results

RT: 10.32
Area: 23574763
Amount: 54.811429
Amount Units: ug/l



Reviewer: babud, 03-May-2021 09:44:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-775079/1

Matrix: Solid Lab File ID: 13F0011337.D

Analysis Method: 8082A Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 05/03/2021 08:05

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.50	U	0.50	0.12
11104-28-2	Aroclor 1221	0.50	U	0.50	0.12
11141-16-5	Aroclor 1232	0.50	U	0.50	0.12
53469-21-9	Aroclor 1242	0.50	U	0.50	0.12
12672-29-6	Aroclor 1248	0.50	U	0.50	0.12
11097-69-1	Aroclor 1254	0.50	U	0.50	0.11
11096-82-5	Aroclor 1260	0.50	U	0.50	0.11
37324-23-5	Aroclor-1262	0.50	U	0.50	0.11
11100-14-4	Aroclor 1268	0.50	U	0.50	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.50	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		37-150
877-09-8	Tetrachloro-m-xylene	112		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011337.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 03-May-2021 08:05:50 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127894-001
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-May-2021 10:35:22 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1633

First Level Reviewer: babud Date: 03-May-2021 09:41:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	2.033	2.047	-0.014	20543430	20.0	20.0	
2	1.704	1.729	-0.025	9888740	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.086	3.092	-0.006	21904347	20.0	22.4	
2	2.418	2.440	-0.022	10506252	20.0	21.8	
						RPD = 2.62	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							a
1	11.687	11.641	0.046	16030669	20.0	25.5	a
2	10.334	10.320	0.014	10225121	20.0	26.2	
						RPD = 2.73	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPIBLK_00031	Amount Added: 1.00	Units: mL	
SGPCBISTD_00021	Amount Added: 20.00	Units: uL	Run Reagent

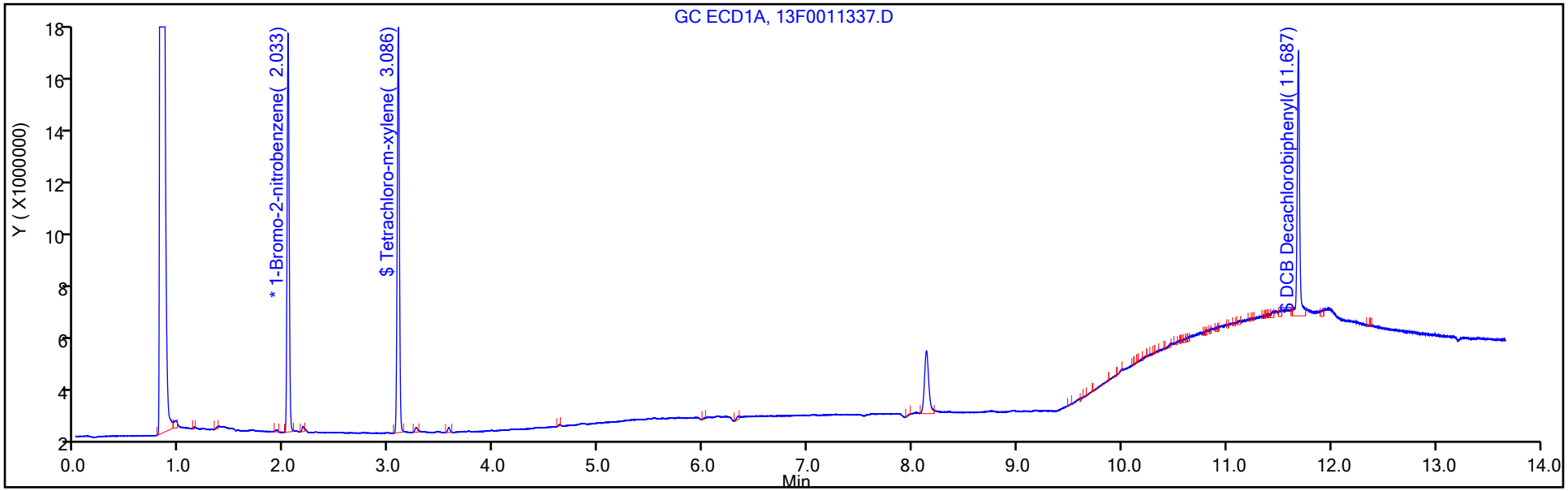
Report Date: 03-May-2021 10:36:23 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

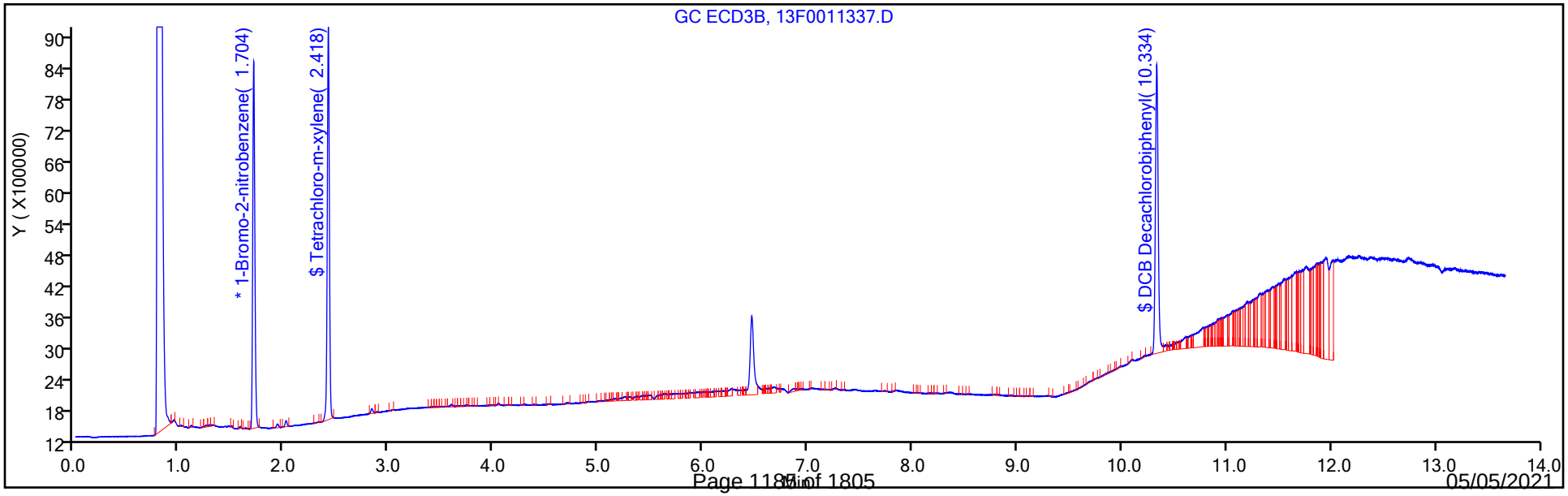
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011337.D

Injection Date:	03-May-2021 08:05:50	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

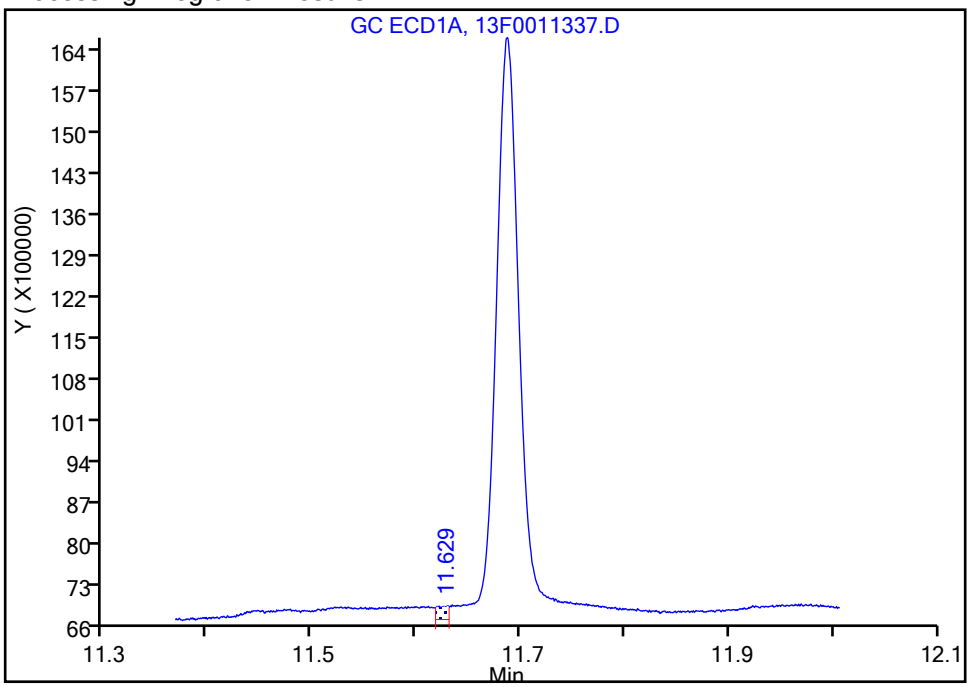
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011337.D				
Injection Date:	03-May-2021 08:05:50	Instrument ID:	CPESTGC13		
Lims ID:	PIBLK				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

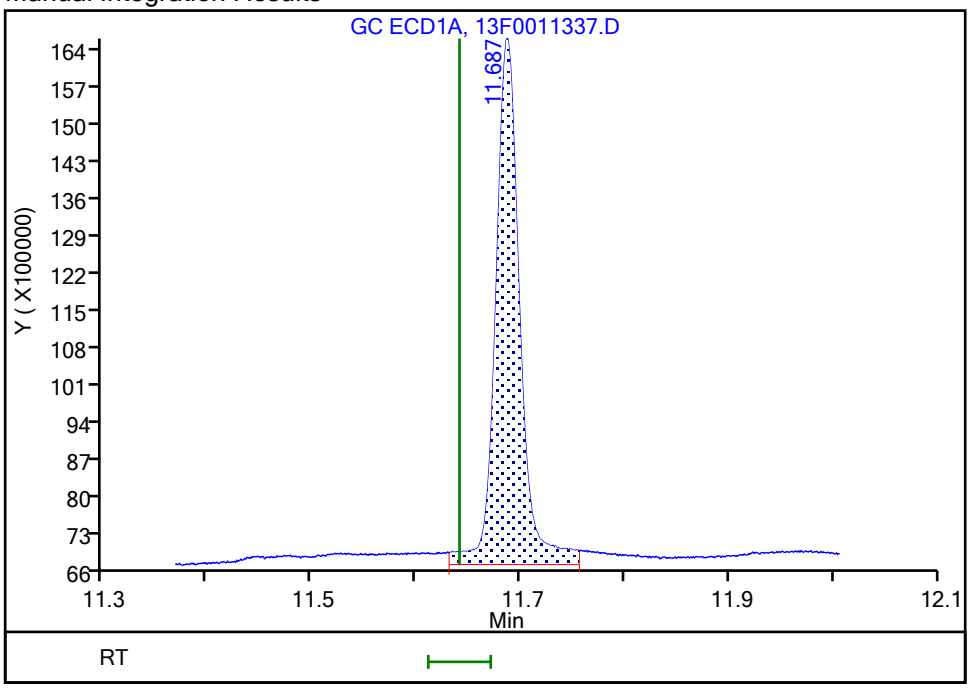
Processing Integration Results

RT: 11.63
Area: 169050
Amount: 0.268660
Amount Units: ug/l



Manual Integration Results

RT: 11.69
Area: 16030669
Amount: 25.476476
Amount Units: ug/l



Reviewer: babud, 03-May-2021 09:40:57
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-775079/1

Matrix: Solid Lab File ID: 13F0011337.D

Analysis Method: 8082A Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 05/03/2021 08:05

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.50*	*U*	*0.50*	*0.12*
11104-28-2	*Aroclor 1221*	*0.50*	*U*	*0.50*	*0.12*
11141-16-5	*Aroclor 1232*	*0.50*	*U*	*0.50*	*0.12*
53469-21-9	*Aroclor 1242*	*0.50*	*U*	*0.50*	*0.12*
12672-29-6	*Aroclor 1248*	*0.50*	*U*	*0.50*	*0.12*
11097-69-1	*Aroclor 1254*	*0.50*	*U*	*0.50*	*0.11*
11096-82-5	*Aroclor 1260*	*0.50*	*U*	*0.50*	*0.11*
37324-23-5	*Aroclor-1262*	*0.50*	*U*	*0.50*	*0.11*
11100-14-4	*Aroclor 1268*	*0.50*	*U*	*0.50*	*0.11*
1336-36-3	*Polychlorinated biphenyls, Total*	*0.50*	*U*	*0.50*	*0.12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	131		37-150
877-09-8	Tetrachloro-m-xylene	109		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011337.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 03-May-2021 08:05:50 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127894-001
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-May-2021 10:35:22 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1633

First Level Reviewer: babud Date: 03-May-2021 09:41:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	2.033	2.047	-0.014	20543430	20.0	20.0	
2	1.704	1.729	-0.025	9888740	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.086	3.092	-0.006	21904347	20.0	22.4	
2	2.418	2.440	-0.022	10506252	20.0	21.8	
						RPD = 2.62	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							a
1	11.687	11.641	0.046	16030669	20.0	25.5	a
2	10.334	10.320	0.014	10225121	20.0	26.2	
						RPD = 2.73	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPIBLK_00031	Amount Added: 1.00	Units: mL	
SGPCBISTD_00021	Amount Added: 20.00	Units: uL	Run Reagent

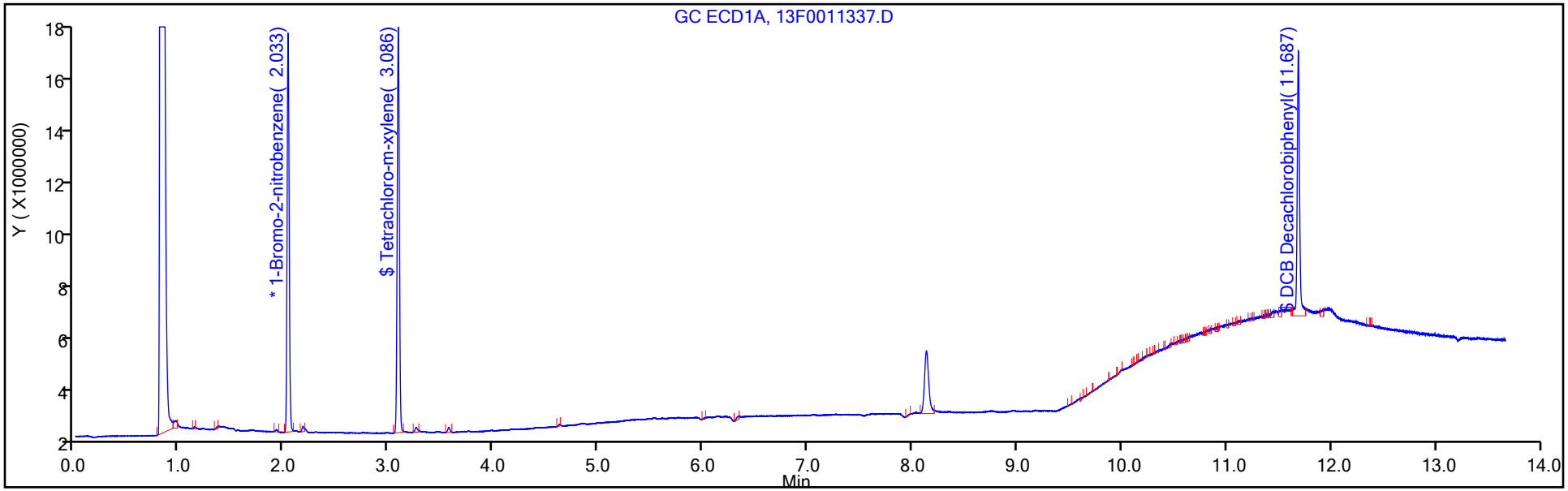
Report Date: 03-May-2021 10:36:24 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

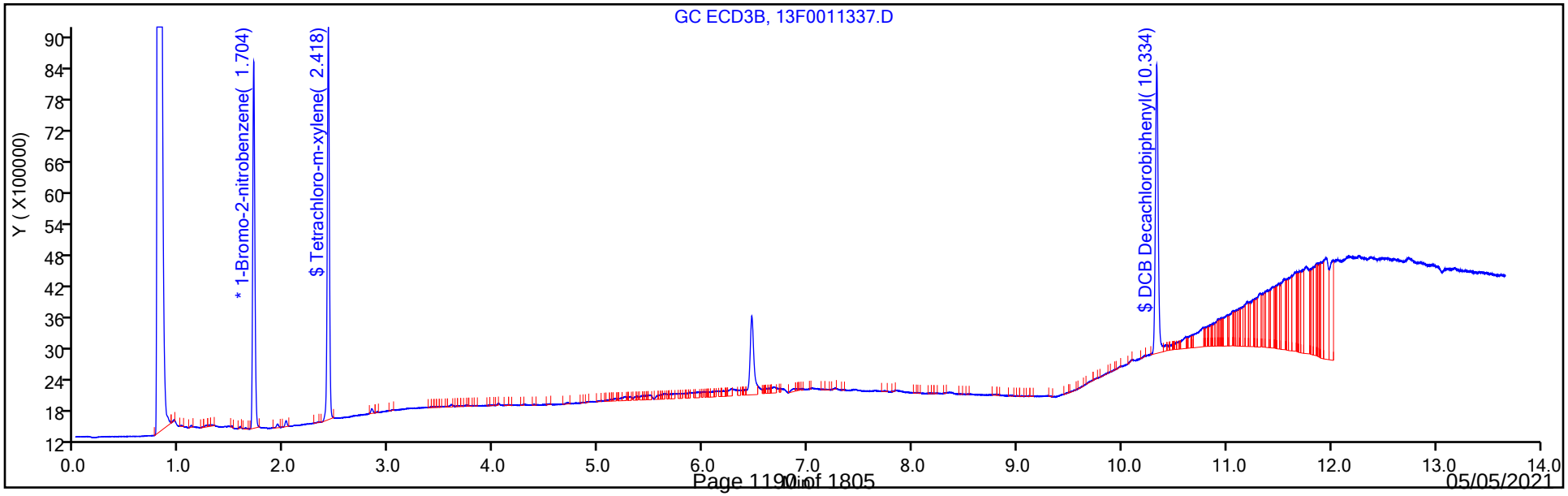
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011337.D

Injection Date:	03-May-2021 08:05:50	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-775107/2-A

Matrix: Solid Lab File ID: 13F0011343.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 09:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.399*		*0.067*	*0.0089*
11096-82-5	*Aroclor 1260*	*0.373*		*0.067*	*0.0092*
1336-36-3	*Polychlorinated biphenyls, Total*	*0.772*		*0.067*	*0.0092*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		37-150
877-09-8	Tetrachloro-m-xylene	113		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011343.D
Lims ID: LCS 460-775107/2-A
Client ID:
Sample Type: LCS
Inject. Date: 03-May-2021 09:40:27 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127894-007
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-May-2021 12:48:27 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1653

First Level Reviewer: babud Date: 03-May-2021 10:34:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	2.046	2.046	0.000	20569733	20.0	20.0	
2	1.729	1.729	0.000	10240991	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.090	3.092	-0.002	55159409	50.0	56.4	
2	2.440	2.440	0.000	28642381	50.0	57.5	
						RPD = 1.94	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.720	3.722	-0.002	10467200	500.0	618.7	
1	4.240	4.242	-0.002	20349193	500.0	588.1	
1	4.828	4.827	0.001	43042272	500.0	624.8	M
1	4.997	4.998	-0.001	18444152	500.0	660.5	M
1	5.127	5.128	-0.001	10390409	500.0	611.8	M
1	5.600	5.602	-0.002	13737708	500.0	654.0	M
1	5.767	5.768	-0.001	13043284	500.0	533.8	M
1	6.195	6.198	-0.003	10208130	500.0	500.1	M
		Average of Peak Amounts =				599.0	
2	2.838	2.837	0.001	5654467	500.0	636.0	
2	3.232	3.233	-0.001	11012769	500.0	648.5	
2	3.462	3.462	0.000	7151978	500.0	624.8	M
2	3.766	3.766	0.000	20328870	500.0	578.8	
2	3.918	3.918	0.000	8812866	500.0	605.6	
2	3.991	3.990	0.001	5601078	500.0	614.3	
2	4.399	4.398	0.001	9044441	500.0	601.4	
2	4.850	4.849	0.001	3831809	500.0	464.1	
		Average of Peak Amounts =				596.7	
						RPD = 0.38	
8 PCB-1260							Ma
1	7.320	7.321	-0.001	12139845	500.0	600.6	
1	7.607	7.608	-0.001	25057483	500.0	548.2	M
1	8.019	8.017	0.002	28073638	500.0	540.8	M
1	8.947	8.947	0.000	22252279	500.0	612.9	M
1	9.566	9.569	-0.003	21793935	500.0	580.9	
1	9.955	9.977	-0.022	46482973	500.0	555.0	
1	10.402	10.446	-0.044	24908635	500.0	464.2	a
1	11.011	11.086	-0.075	10878063	500.0	571.6	a
		Average of Peak Amounts =				559.3	
2	5.884	5.882	0.002	13585217	500.0	618.5	M
2	6.275	6.270	0.005	16732731	500.0	412.0	M
2	6.874	6.872	0.002	12263965	500.0	663.2	M
2	7.281	7.275	0.006	12023089	500.0	602.7	M
2	7.850	7.838	0.012	29140412	500.0	606.7	M
2	8.390	8.379	0.011	9220758	500.0	417.4	M
2	8.557	8.549	0.008	10088729	500.0	724.6	M
2	9.673	9.672	0.001	6185298	500.0	528.4	
		Average of Peak Amounts =				571.7	
						RPD = 2.20	
$ 11 DCB Decachlorobiphenyl							a
1	11.537	11.641	-0.104	33148360	50.0	52.6	a
2	10.285	10.320	-0.035	22204189	50.0	54.9	a
						RPD = 4.25	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 03-May-2021 12:48:27 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011343.D

Injection Date: 03-May-2021 09:40:27 Instrument ID: CPESTGC13 Operator ID:

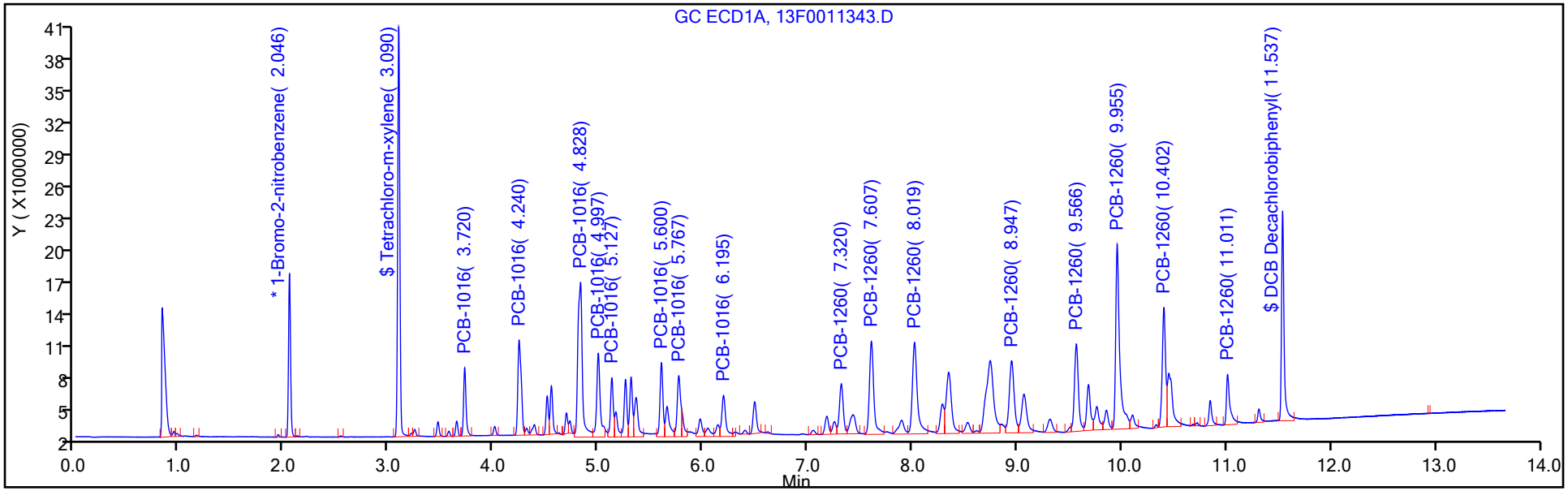
Lims ID: LCS 460-775107/2-A Worklist Smp#: 7

Client ID:

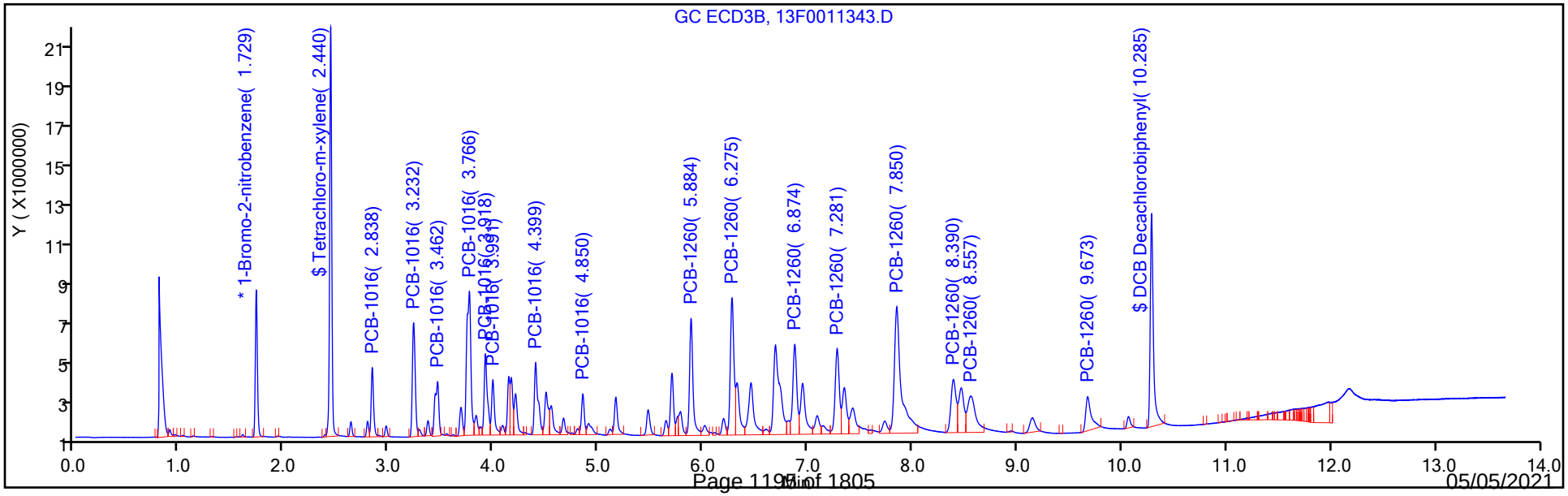
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 03-May-2021 12:48:28 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011343.D

Injection Date: 03-May-2021 09:40:27 Instrument ID: CPESTGC13

Lims ID: LCS 460-775107/2-A

Client ID:

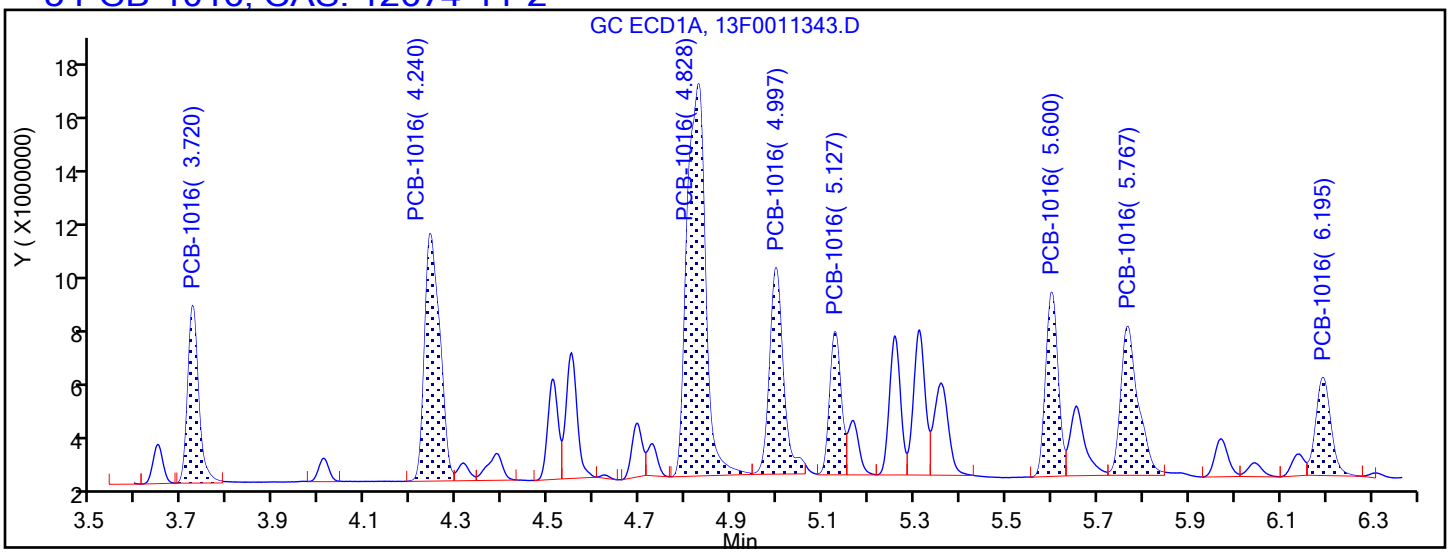
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

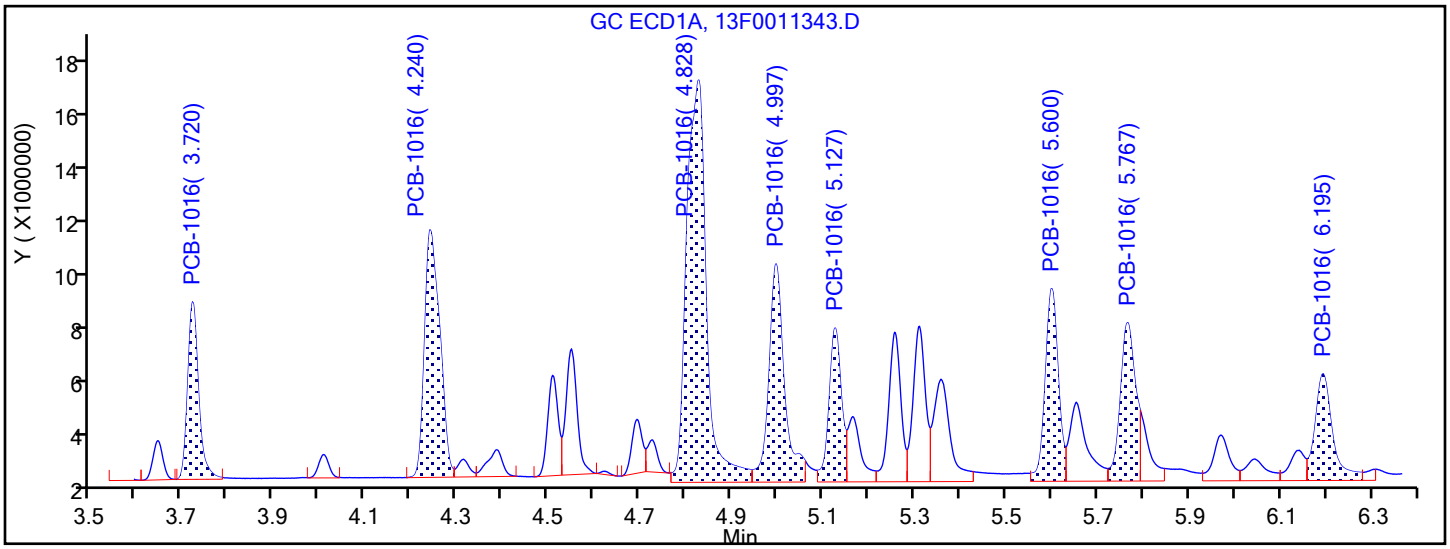
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

3.720	Response = 10467200
4.240	Response = 20349193
4.828	Response = 39070446
4.997	Response = 15521982
5.127	Response = 8904120
5.600	Response = 12319954
5.767	Response = 13943236
6.195	Response = 8010607



Manual Integration Results

3.720	Response = 10467200	
4.240	Response = 20349193	
4.828	Response = 43042272	M
4.997	Response = 18444152	M
5.127	Response = 10390409	M
5.600	Response = 13737708	M

Report Date: 03-May-2021 12:48:28 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011343.D

Injection Date: 03-May-2021 09:40:27 Instrument ID: CPESTGC13

Lims ID: LCS 460-775107/2-A

Client ID:

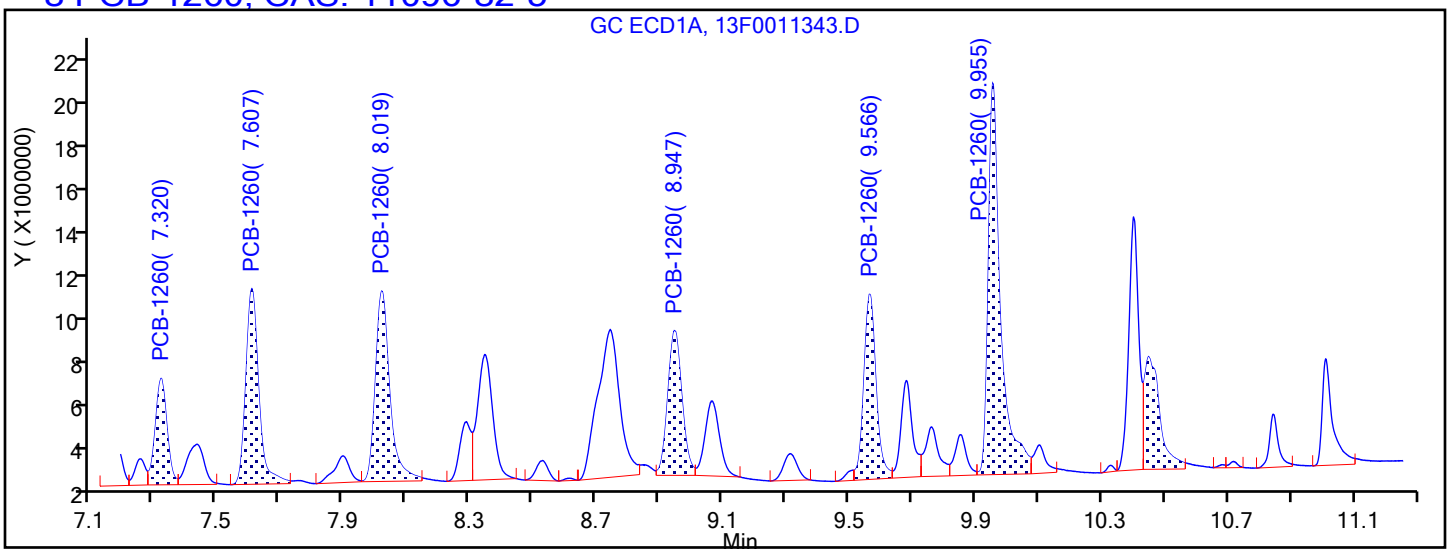
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

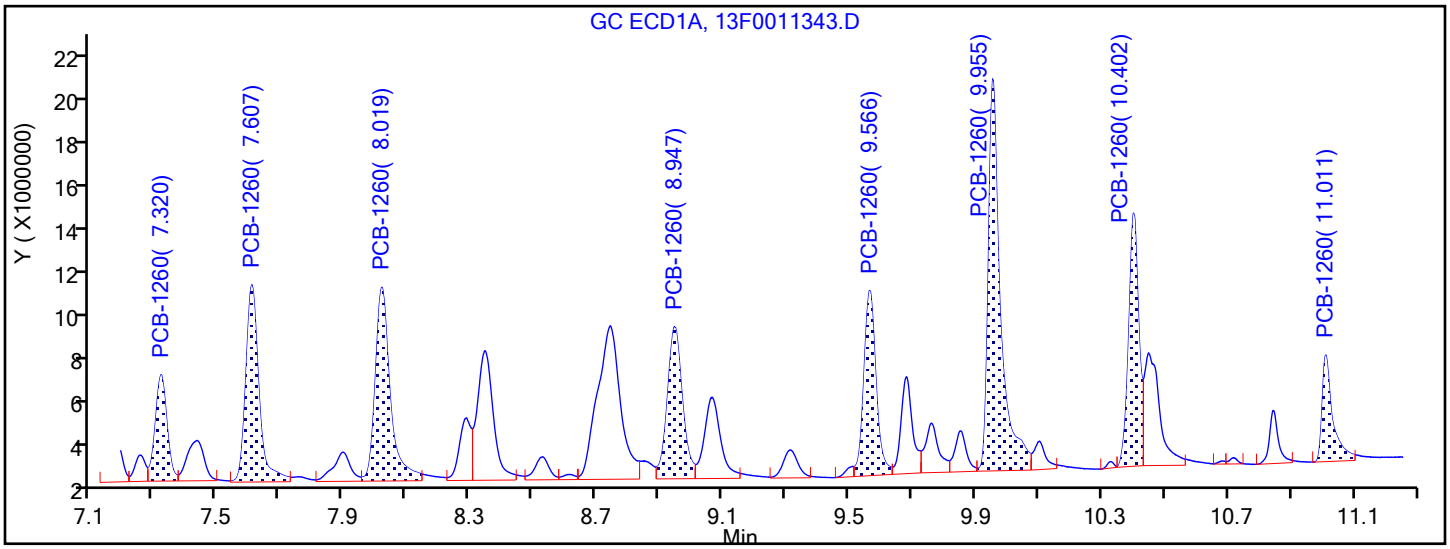
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

7.320	Response = 12139845
7.607	Response = 24273720
8.019	Response = 26356170
8.947	Response = 19911048
9.566	Response = 21793935
9.955	Response = 46482973
10.449	Response = 16699873
11.086	Response = 0



Manual Integration Results

7.320	Response = 12139845	
7.607	Response = 25057483	M
8.019	Response = 28073638	M
8.947	Response = 22252279	M
9.566	Response = 21793935	
9.955	Response = 46482973	

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

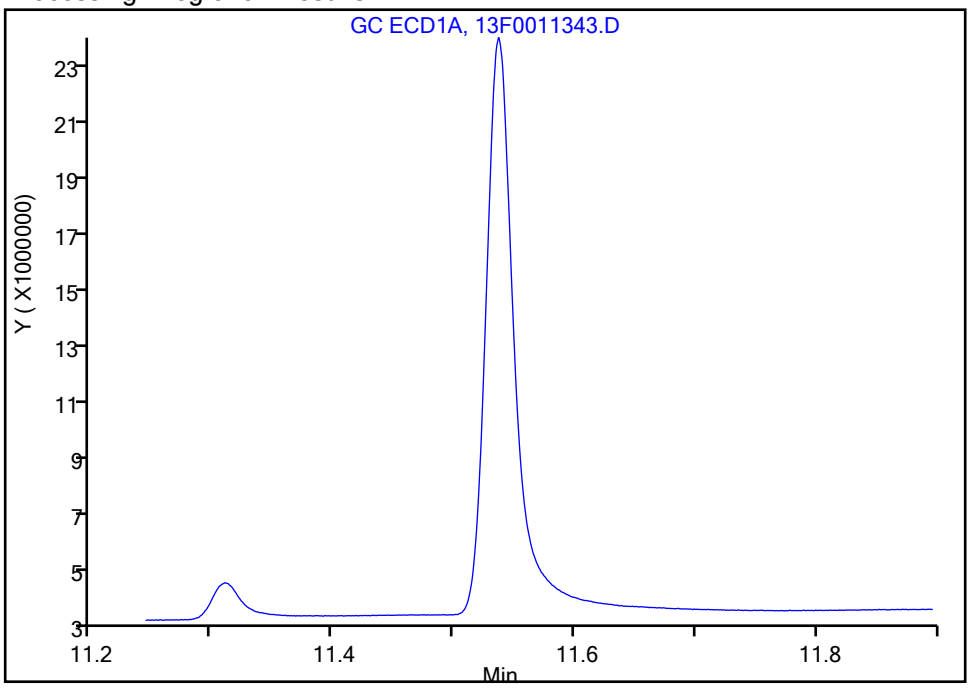
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011343.D				
Injection Date:	03-May-2021 09:40:27	Instrument ID:	CPESTGC13		
Lims ID:	LCS 460-775107/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

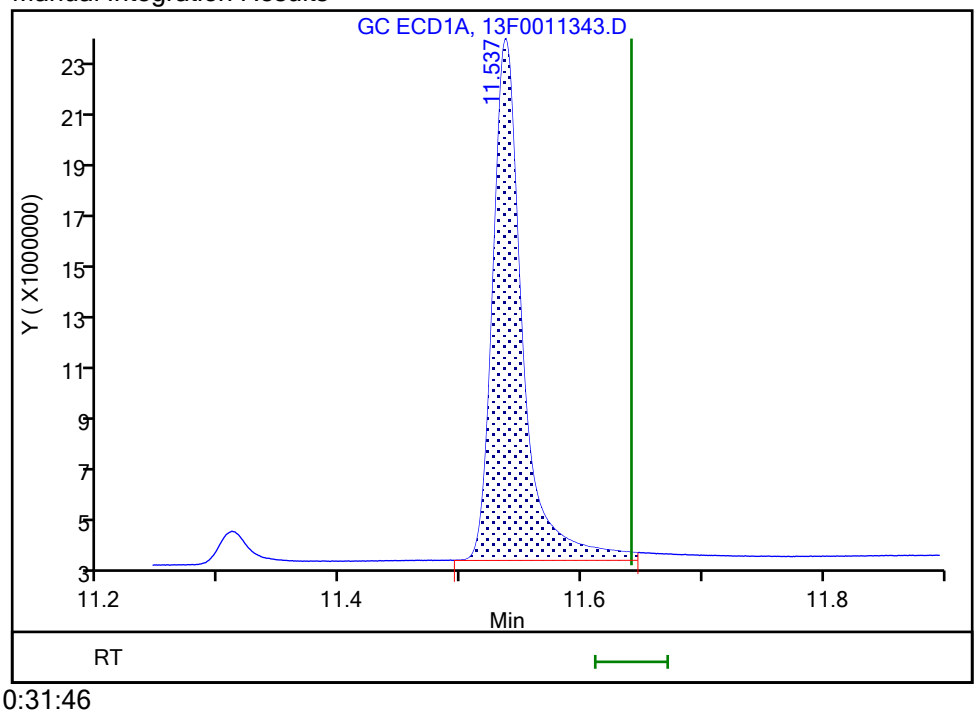
Not Detected
Expected RT: 11.64

Processing Integration Results



Manual Integration Results

RT: 11.54
Area: 33148360
Amount: 52.613121
Amount Units: ug/l



Reviewer: babud, 03-May-2021 10:31:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-775107/2-A

Matrix: Solid Lab File ID: 13F0011343.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 09:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.398		0.067	0.0089
11096-82-5	Aroclor 1260	0.381		0.067	0.0092
1336-36-3	Polychlorinated biphenyls, Total	0.779		0.067	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		37-150
877-09-8	Tetrachloro-m-xylene	115		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011343.D
Lims ID: LCS 460-775107/2-A
Client ID:
Sample Type: LCS
Inject. Date: 03-May-2021 09:40:27 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127894-007
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-May-2021 12:48:27 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1653

First Level Reviewer: babud Date: 03-May-2021 10:34:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	2.046	2.046	0.000	20569733	20.0	20.0	
2	1.729	1.729	0.000	10240991	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.090	3.092	-0.002	55159409	50.0	56.4	
2	2.440	2.440	0.000	28642381	50.0	57.5	
						RPD = 1.94	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.720	3.722	-0.002	10467200	500.0	618.7	
1	4.240	4.242	-0.002	20349193	500.0	588.1	
1	4.828	4.827	0.001	43042272	500.0	624.8	M
1	4.997	4.998	-0.001	18444152	500.0	660.5	M
1	5.127	5.128	-0.001	10390409	500.0	611.8	M
1	5.600	5.602	-0.002	13737708	500.0	654.0	M
1	5.767	5.768	-0.001	13043284	500.0	533.8	M
1	6.195	6.198	-0.003	10208130	500.0	500.1	M
		Average of Peak Amounts =				599.0	
2	2.838	2.837	0.001	5654467	500.0	636.0	
2	3.232	3.233	-0.001	11012769	500.0	648.5	
2	3.462	3.462	0.000	7151978	500.0	624.8	M
2	3.766	3.766	0.000	20328870	500.0	578.8	
2	3.918	3.918	0.000	8812866	500.0	605.6	
2	3.991	3.990	0.001	5601078	500.0	614.3	
2	4.399	4.398	0.001	9044441	500.0	601.4	
2	4.850	4.849	0.001	3831809	500.0	464.1	
		Average of Peak Amounts =				596.7	
						RPD = 0.38	
8 PCB-1260							Ma
1	7.320	7.321	-0.001	12139845	500.0	600.6	
1	7.607	7.608	-0.001	25057483	500.0	548.2	M
1	8.019	8.017	0.002	28073638	500.0	540.8	M
1	8.947	8.947	0.000	22252279	500.0	612.9	M
1	9.566	9.569	-0.003	21793935	500.0	580.9	
1	9.955	9.977	-0.022	46482973	500.0	555.0	
1	10.402	10.446	-0.044	24908635	500.0	464.2	a
1	11.011	11.086	-0.075	10878063	500.0	571.6	a
		Average of Peak Amounts =				559.3	
2	5.884	5.882	0.002	13585217	500.0	618.5	M
2	6.275	6.270	0.005	16732731	500.0	412.0	M
2	6.874	6.872	0.002	12263965	500.0	663.2	M
2	7.281	7.275	0.006	12023089	500.0	602.7	M
2	7.850	7.838	0.012	29140412	500.0	606.7	M
2	8.390	8.379	0.011	9220758	500.0	417.4	M
2	8.557	8.549	0.008	10088729	500.0	724.6	M
2	9.673	9.672	0.001	6185298	500.0	528.4	
		Average of Peak Amounts =				571.7	
						RPD = 2.20	
$ 11 DCB Decachlorobiphenyl							a
1	11.537	11.641	-0.104	33148360	50.0	52.6	a
2	10.285	10.320	-0.035	22204189	50.0	54.9	a
						RPD = 4.25	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 03-May-2021 12:48:28 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011343.D

Injection Date: 03-May-2021 09:40:27 Instrument ID: CPESTGC13 Operator ID:

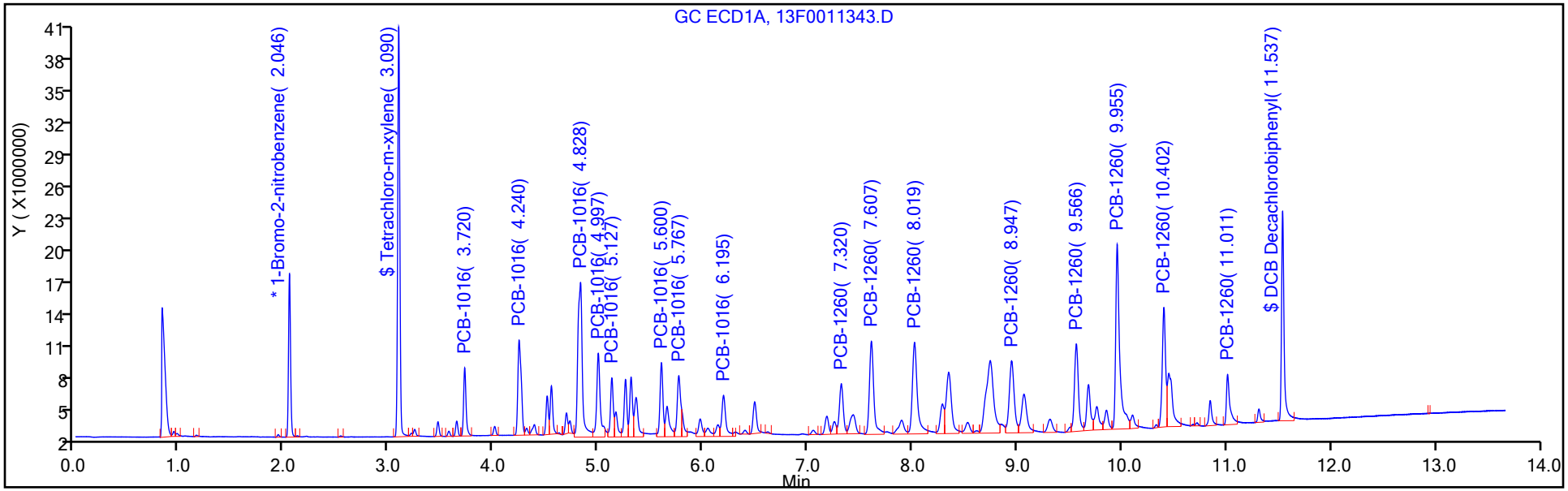
Lims ID: LCS 460-775107/2-A Worklist Smp#: 7

Client ID:

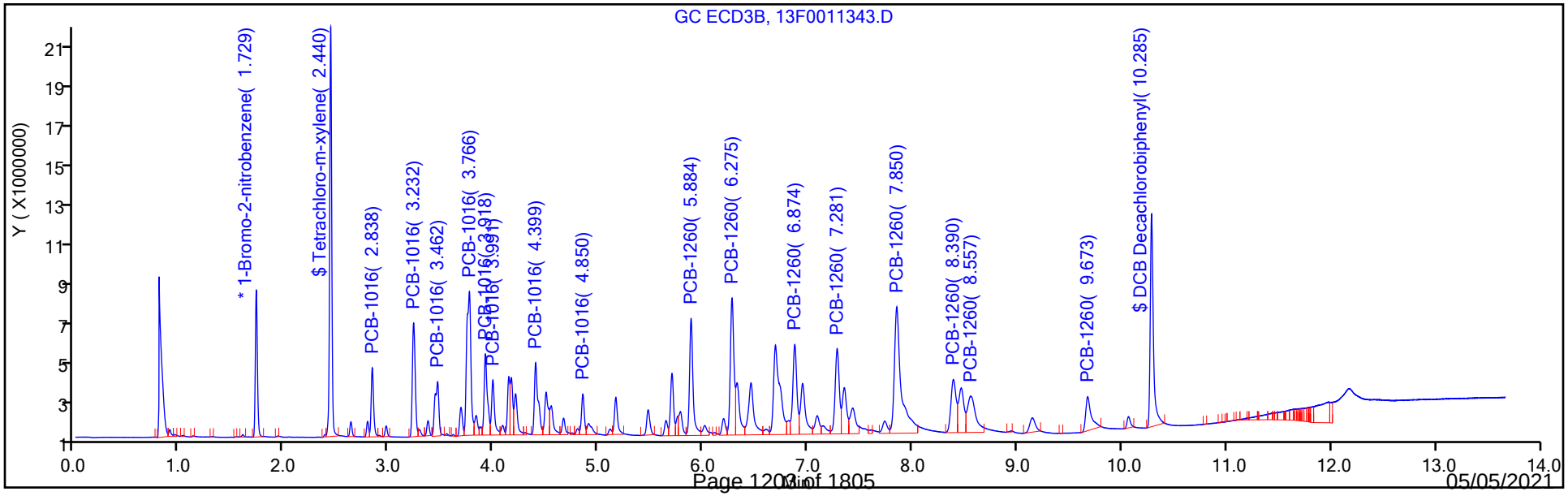
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8082 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 03-May-2021 12:48:29 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011343.D

Injection Date: 03-May-2021 09:40:27 Instrument ID: CPESTGC13

Lims ID: LCS 460-775107/2-A

Client ID:

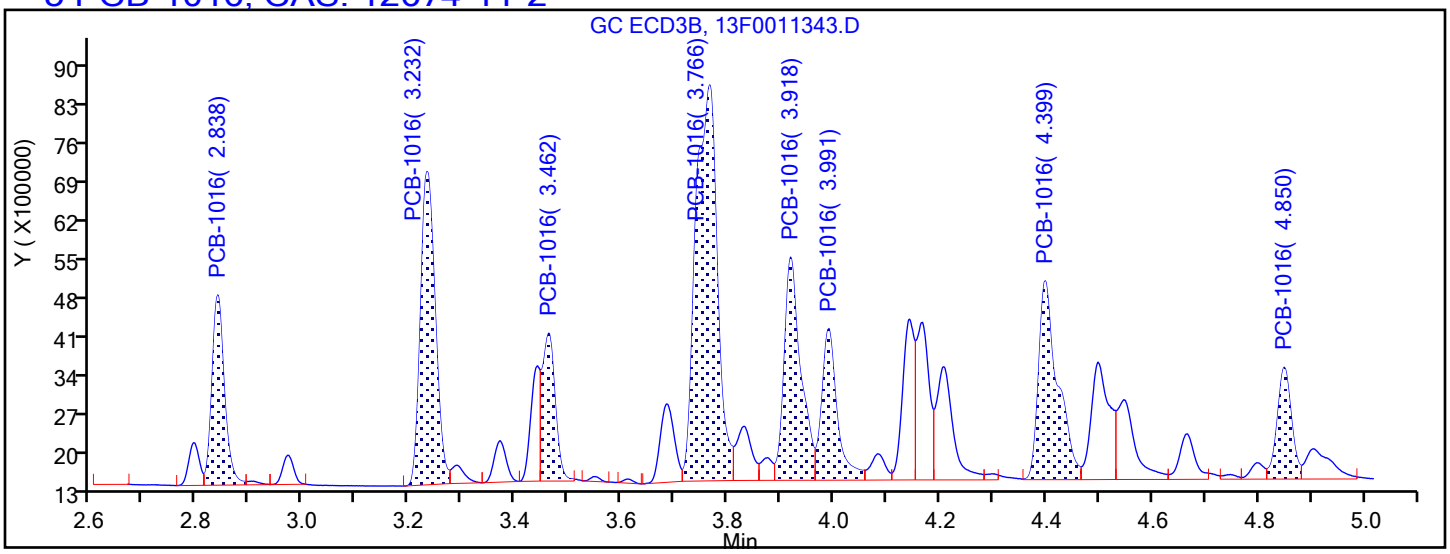
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

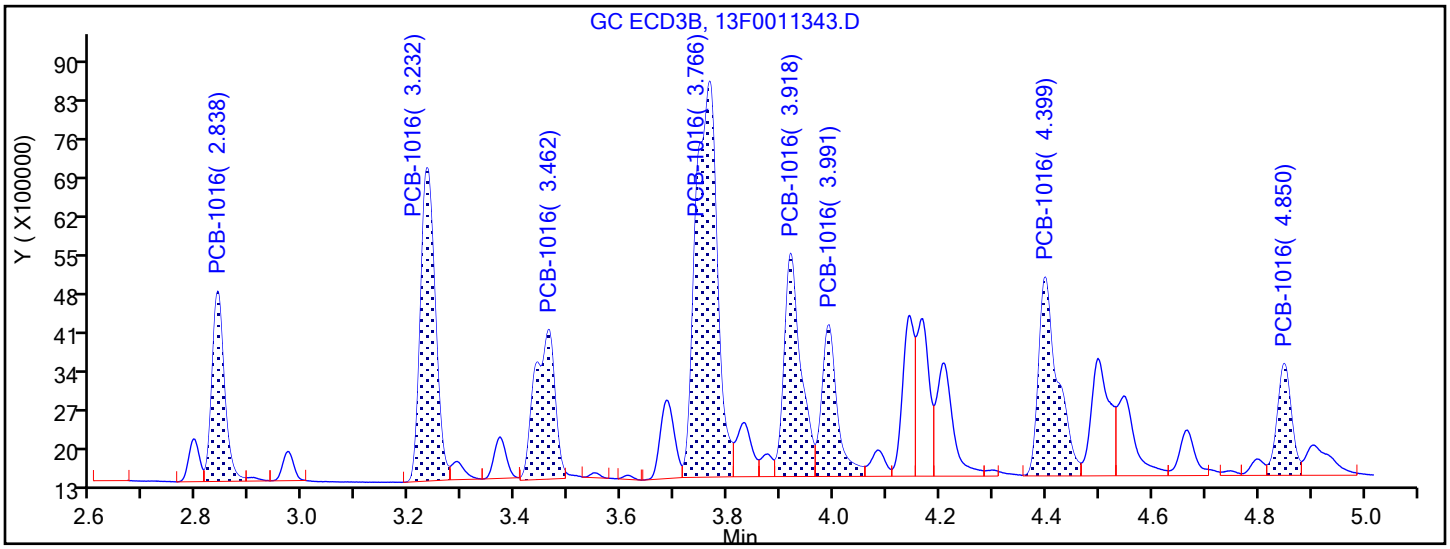
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.838	Response = 5654467
3.232	Response = 11012769
3.462	Response = 4552170
3.766	Response = 20328870
3.918	Response = 8812866
3.991	Response = 5601078
4.399	Response = 9044441
4.850	Response = 3831809



Manual Integration Results

2.838	Response = 5654467	
3.232	Response = 11012769	
3.462	Response = 7151978	M
3.766	Response = 20328870	
3.918	Response = 8812866	
3.991	Response = 5601078	

Report Date: 03-May-2021 12:48:29 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011343.D

Injection Date: 03-May-2021 09:40:27 Instrument ID: CPESTGC13

Lims ID: LCS 460-775107/2-A

Client ID:

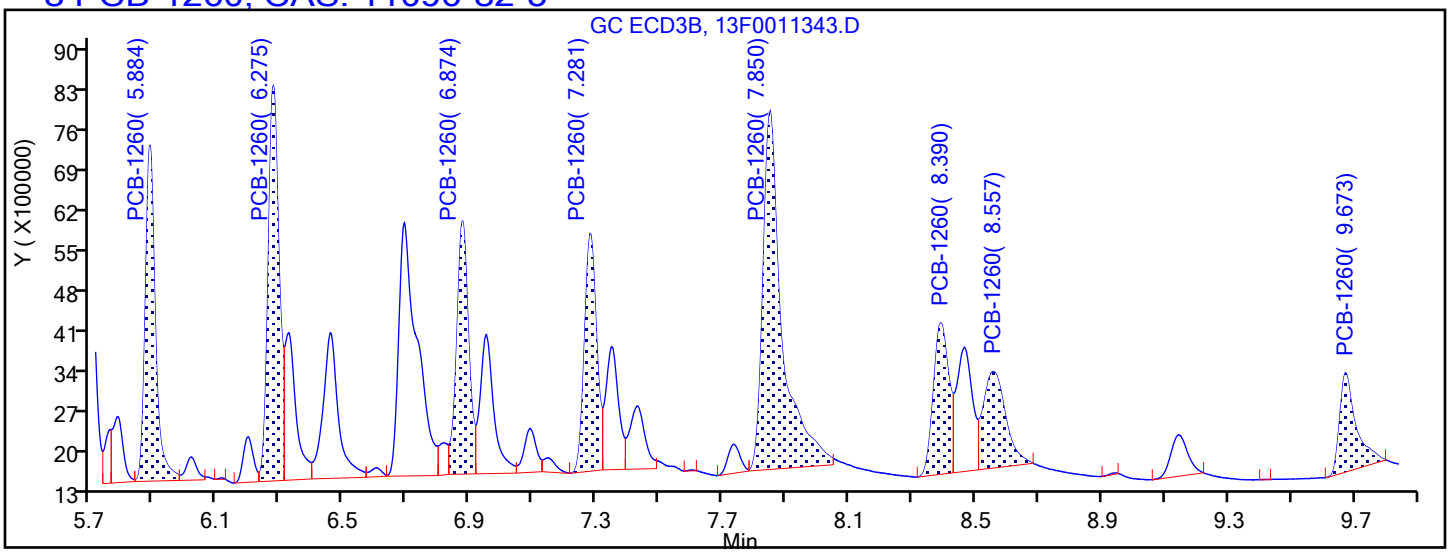
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

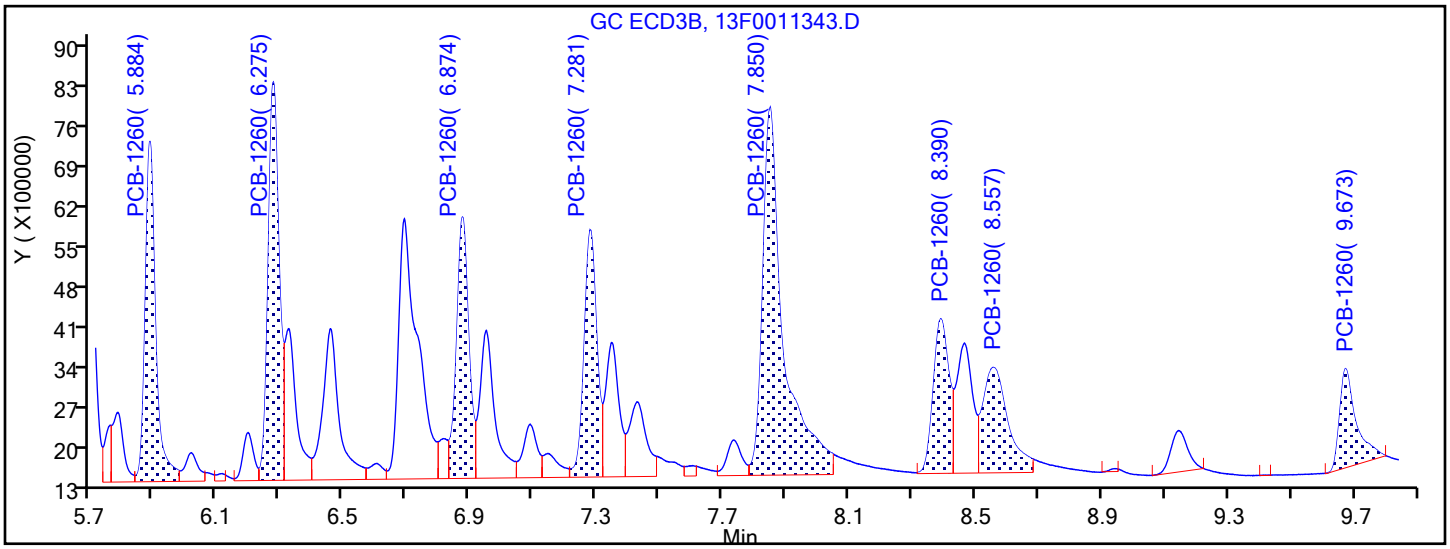
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.884	Response = 12861012
6.275	Response = 16428288
6.874	Response = 11502042
7.281	Response = 10964532
7.850	Response = 25991089
8.390	Response = 8895073
8.557	Response = 8218876
9.673	Response = 6185298



Manual Integration Results

5.884	Response = 13585217	M
6.275	Response = 16732731	M
6.874	Response = 12263965	M
7.281	Response = 12023089	M
7.850	Response = 29140412	M
8.390	Response = 9220758	M

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

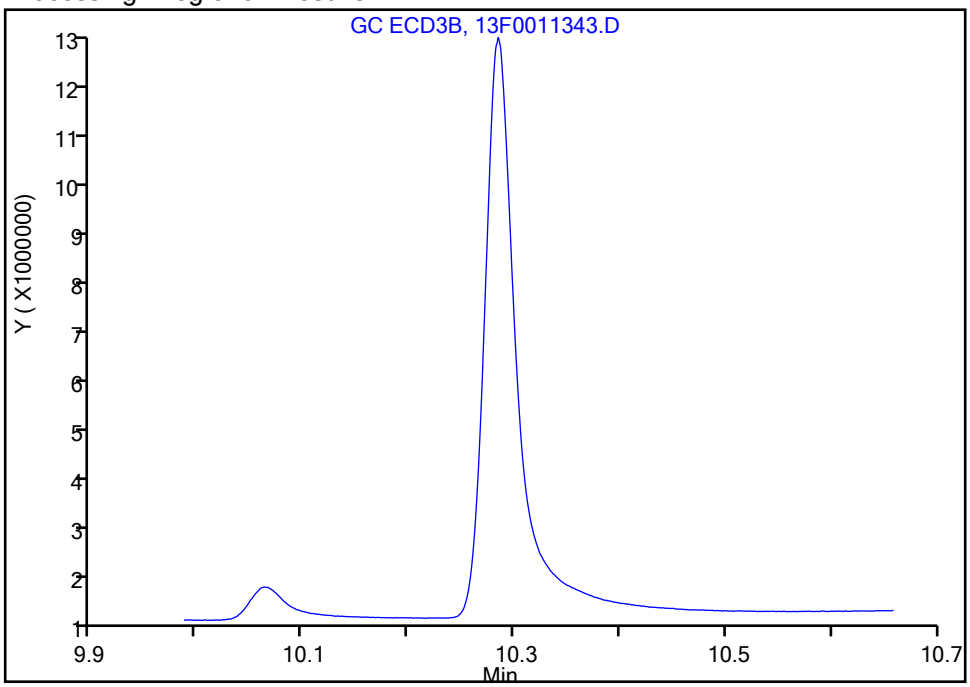
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011343.D				
Injection Date:	03-May-2021 09:40:27	Instrument ID:	CPESTGC13		
Lims ID:	LCS 460-775107/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

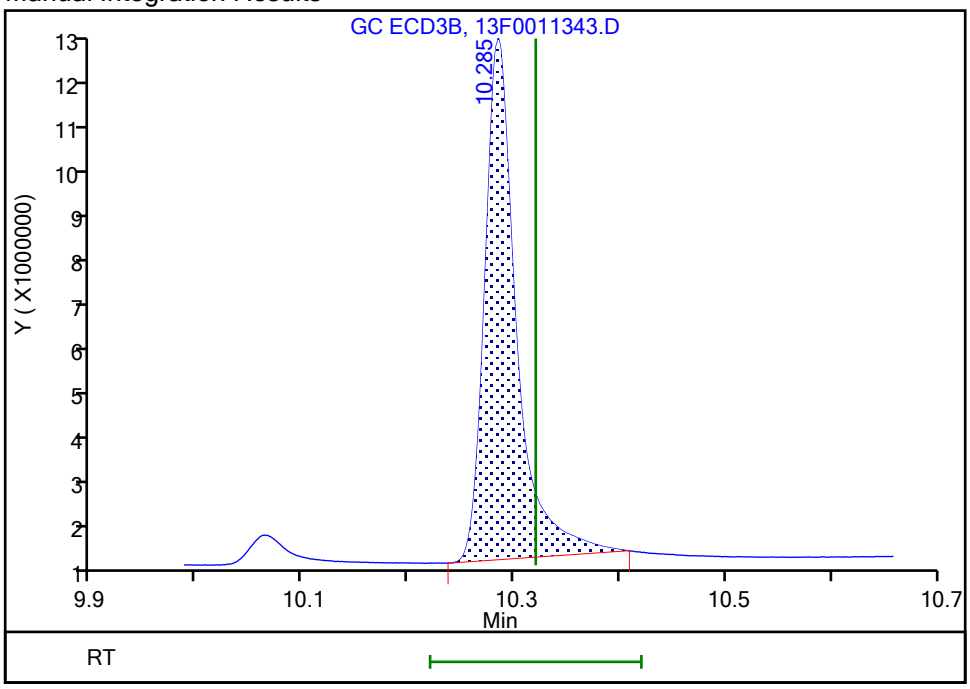
Not Detected
Expected RT: 10.32

Processing Integration Results



Manual Integration Results

RT: 10.28
Area: 22204189
Amount: 54.897532
Amount Units: ug/l



Reviewer: babud, 03-May-2021 10:31:42
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-775107/3-A

Matrix: Solid Lab File ID: 13F0011344.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 09:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.340*		*0.067*	*0.0089*
11096-82-5	*Aroclor 1260*	*0.340*		*0.067*	*0.0092*
1336-36-3	*Polychlorinated biphenyls, Total*	*0.680*		*0.067*	*0.0092*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		37-150
877-09-8	Tetrachloro-m-xylene	104		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011344.D				
Lims ID:	LCSD 460-775107/3-A				
Client ID:					
Sample Type:	LCSD				
Inject. Date:	03-May-2021 09:56:12	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0127894-008				
Operator ID:		Instrument ID:	CPESTGC13		
Method:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m				
Limit Group:	GC 8082A PCB ISTD				
Last Update:	03-May-2021 12:48:13	Calib Date:	07-Jan-2021 13:53:26		
Integrator:	Falcon				
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D				
Column 1 :	Rtx-CLPesticides (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1653				
First Level Reviewer: babud		Date:	03-May-2021 10:35:22		

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	2.047	2.046	0.001	22296045	20.0	20.0	
2	1.730	1.729	0.001	11224056	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.091	3.092	-0.001	55341858	50.0	52.2	
2	2.441	2.440	0.001	28995581	50.0	53.1	
						RPD = 1.73	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.721	3.722	-0.001	10554055	500.0	575.5	
1	4.241	4.242	-0.001	20313108	500.0	541.6	
1	4.827	4.827	0.000	39047922	500.0	523.0	
1	4.998	4.998	0.000	15553988	500.0	513.9	
1	5.126	5.128	-0.002	8809088	500.0	478.6	
1	5.601	5.602	-0.001	12234313	500.0	537.3	
1	5.767	5.768	-0.001	14015323	500.0	529.2	
1	6.194	6.198	-0.004	8365471	500.0	378.1	
		Average of Peak Amounts =				509.6	
2	2.838	2.837	0.001	5531280	500.0	567.7	
2	3.233	3.233	0.000	11035784	500.0	592.9	
2	3.461	3.462	-0.001	7101952	500.0	566.1	M
2	3.767	3.766	0.001	20418983	500.0	530.4	
2	3.919	3.918	0.001	8883155	500.0	557.0	
2	3.990	3.990	0.000	5593935	500.0	559.7	
2	4.399	4.398	0.001	9054740	500.0	549.4	
2	4.850	4.849	0.001	3830748	500.0	423.3	
		Average of Peak Amounts =				543.3	
						RPD = 6.40	
8 PCB-1260							Ma
1	7.319	7.321	-0.002	12145898	500.0	554.4	
1	7.606	7.608	-0.002	24382269	500.0	492.1	
1	8.019	8.017	0.002	26419986	500.0	469.6	
1	8.947	8.947	0.000	21799504	500.0	554.0	M
1	9.566	9.569	-0.003	22251174	500.0	547.1	M
1	9.957	9.977	-0.020	46834775	500.0	515.9	
1	10.402	10.446	-0.044	24427078	500.0	420.0	a
1	11.010	11.086	-0.076	10803019	500.0	523.7	a
		Average of Peak Amounts =				509.6	
2	5.885	5.882	0.003	12876237	500.0	534.9	
2	6.276	6.270	0.006	16316375	500.0	366.6	
2	6.877	6.872	0.005	11506705	500.0	567.8	
2	7.281	7.275	0.006	11061863	500.0	505.9	M
2	7.848	7.838	0.010	27270862	500.0	518.0	M
2	8.392	8.379	0.013	8680027	500.0	358.5	M
2	8.559	8.549	0.010	9537838	500.0	625.1	M
2	9.676	9.672	0.004	7328361	500.0	571.2	M
		Average of Peak Amounts =				506.0	
						RPD = 0.71	
$ 11 DCB Decachlorobiphenyl							a
1	11.535	11.641	-0.106	33437593	50.0	49.0	a
2	10.285	10.320	-0.035	22784894	50.0	51.4	a
						RPD = 4.86	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

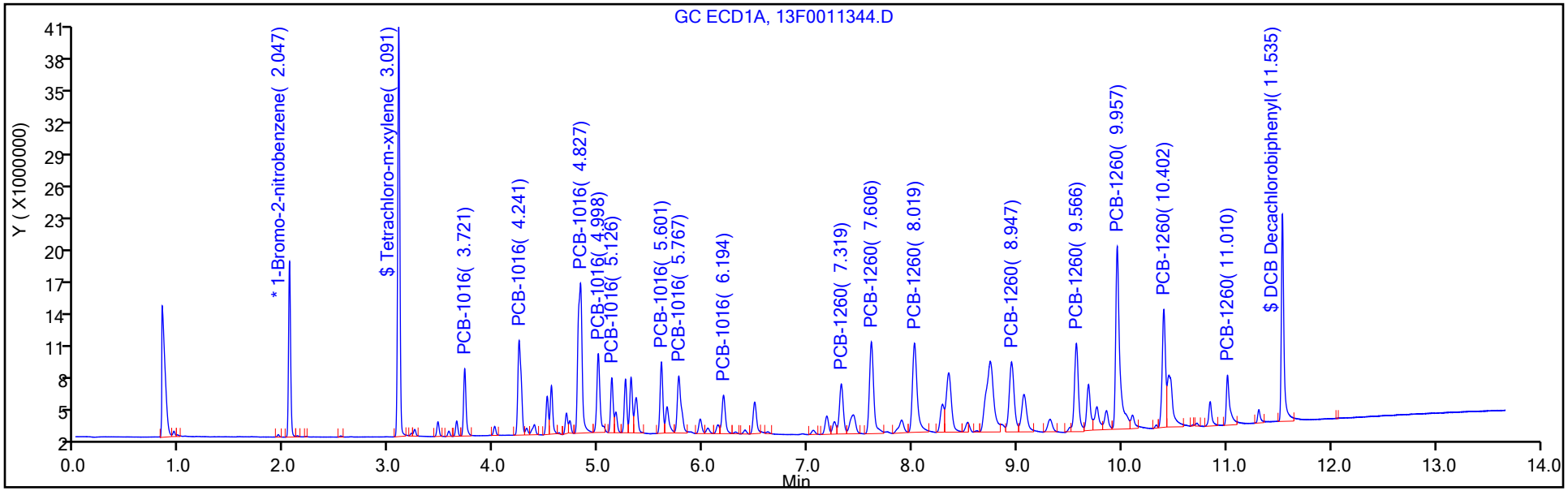
Report Date: 03-May-2021 12:48:13 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

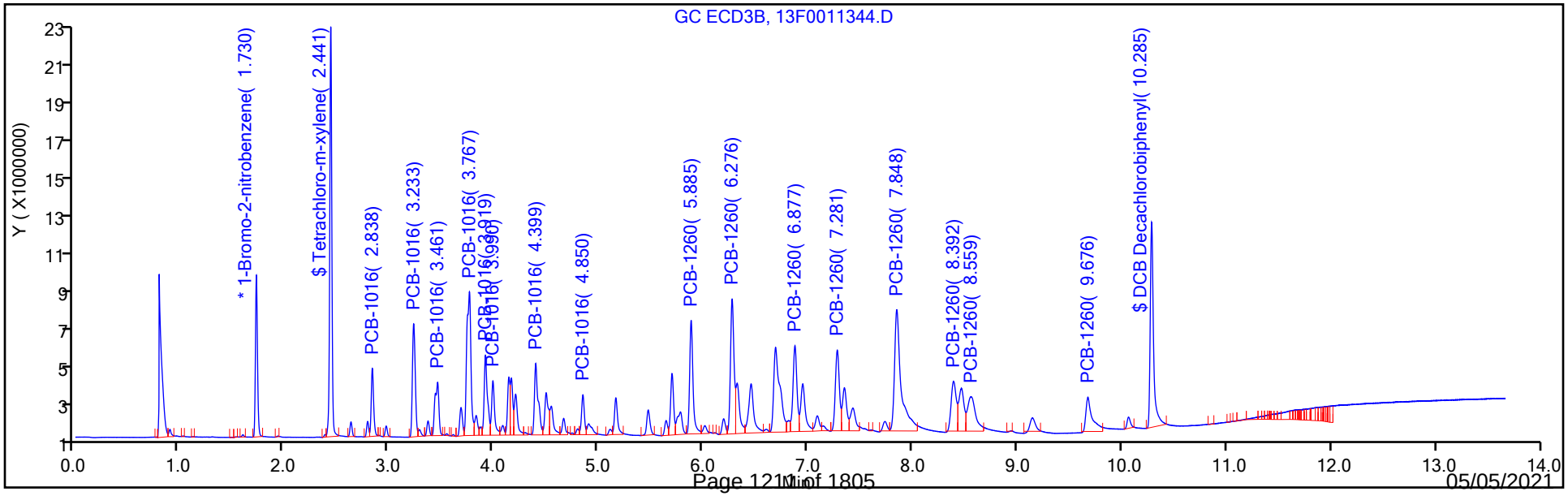
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011344.D

Injection Date:	03-May-2021 09:56:12	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	LCSD 460-775107/3-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Report Date: 03-May-2021 12:48:14 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011344.D

Injection Date: 03-May-2021 09:56:12 Instrument ID: CPESTGC13

Lims ID: LCSD 460-775107/3-A

Client ID:

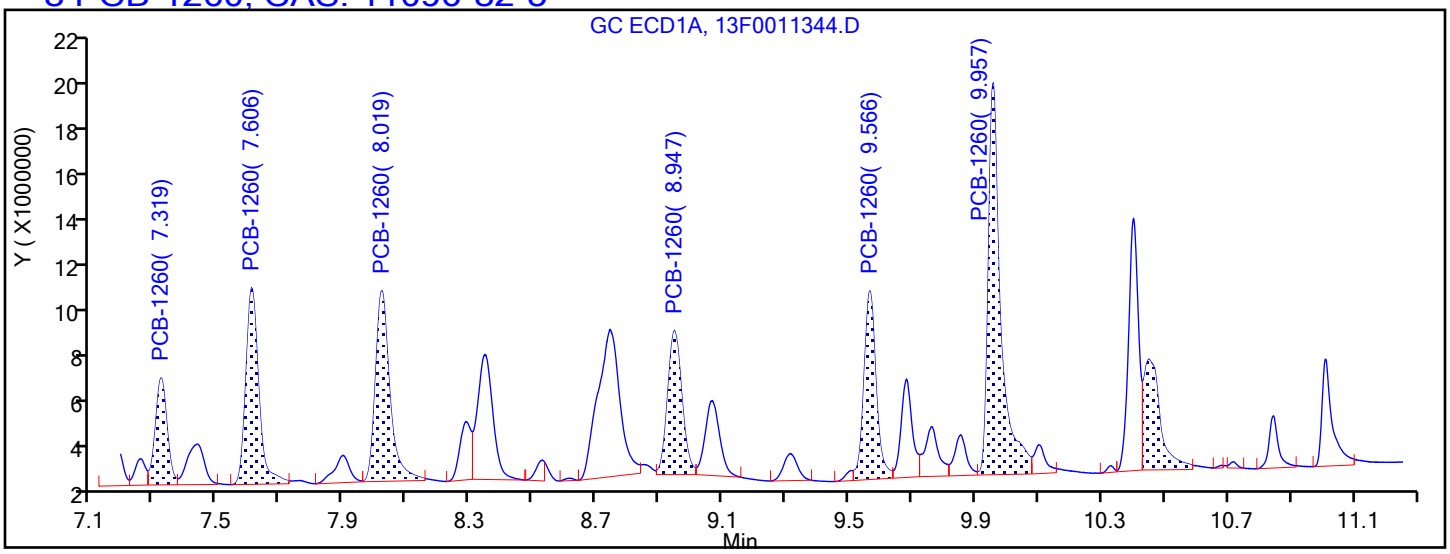
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

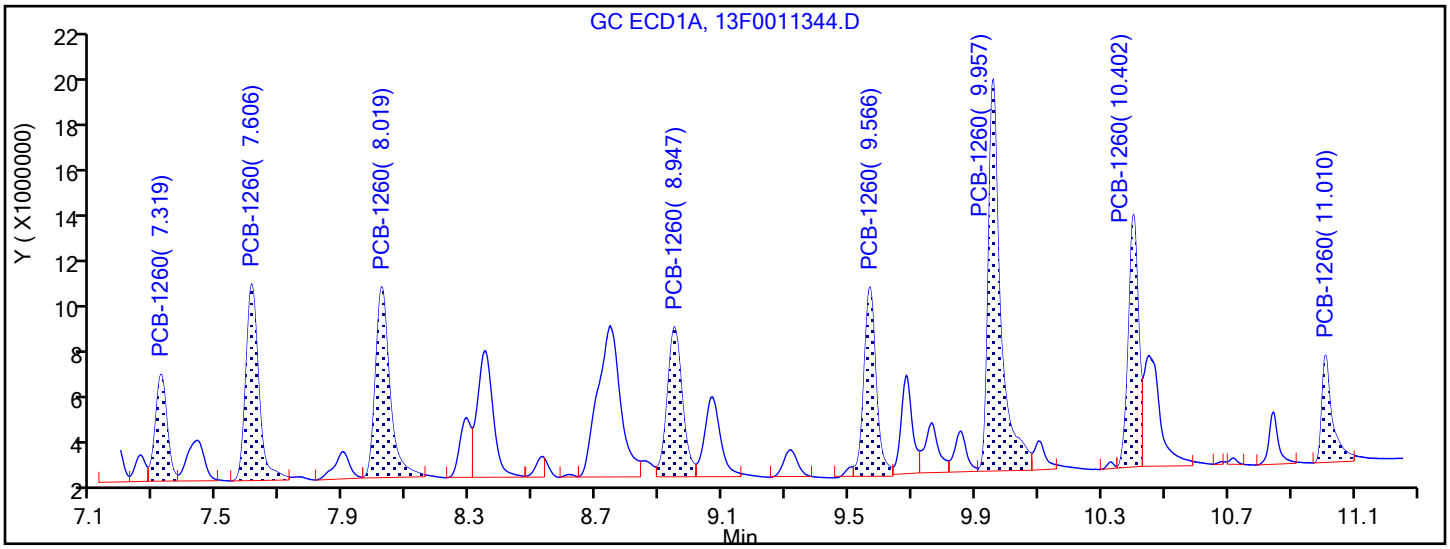
Column: Rtx-CLPesticides (0.53 mm) Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

7.319	Response = 12145898
7.606	Response = 24382269
8.019	Response = 26419986
8.947	Response = 19848047
9.566	Response = 22029132
9.957	Response = 46834775
10.451	Response = 17827288
11.086	Response = 0



Manual Integration Results

7.319	Response = 12145898
7.606	Response = 24382269
8.019	Response = 26419986
8.947	Response = 21799504
9.566	Response = 22251174
9.957	Response = 46834775

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

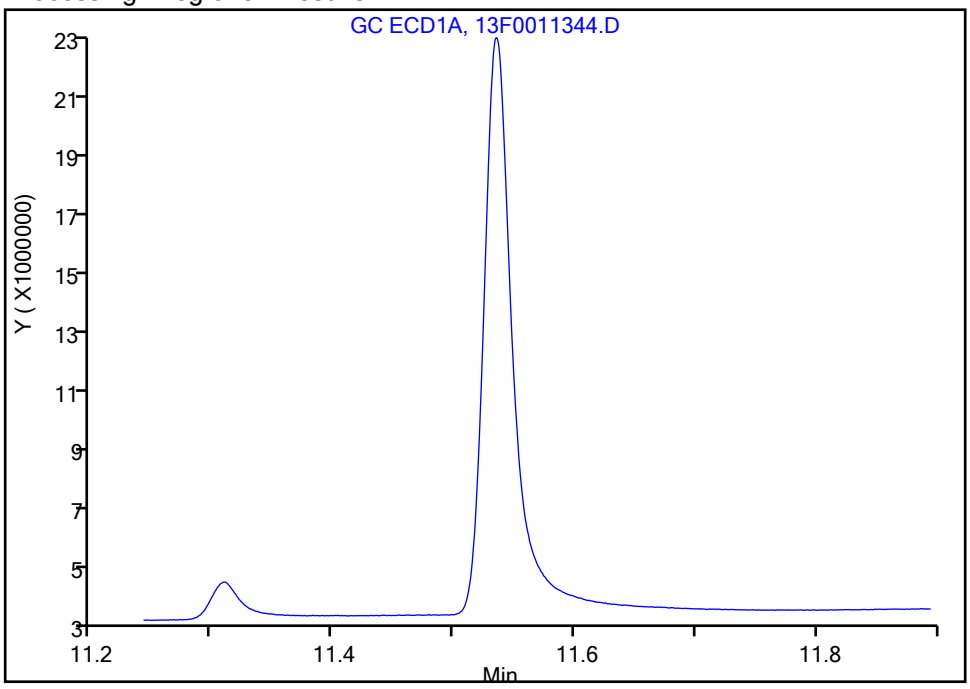
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011344.D				
Injection Date:	03-May-2021 09:56:12	Instrument ID:	CPESTGC13		
Lims ID:	LCSD 460-775107/3-A				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLPesticides (0.53 mm)	Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

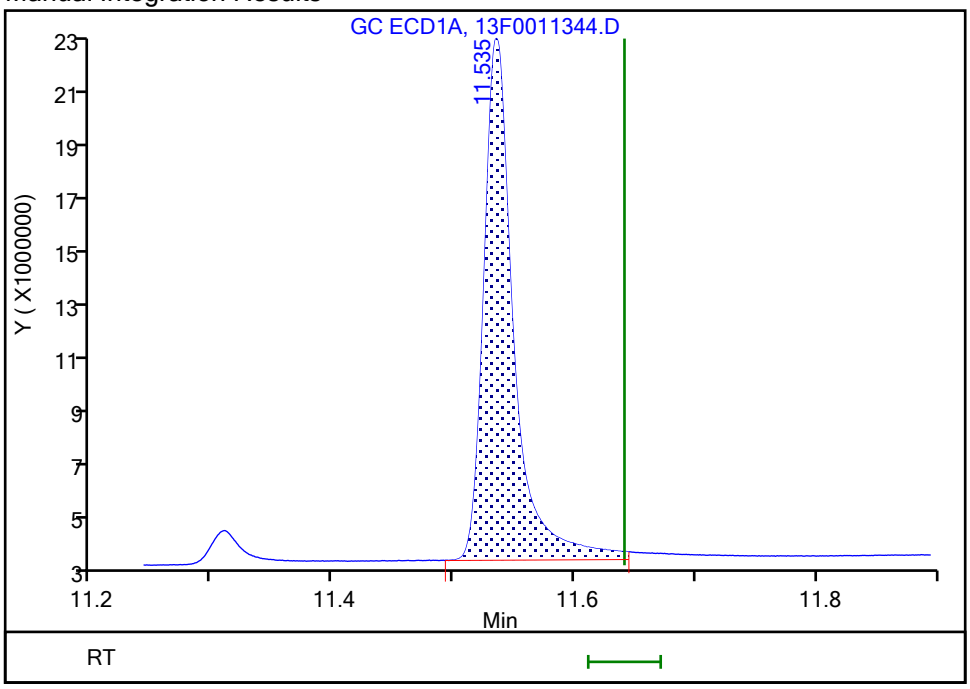
Not Detected
Expected RT: 11.64

Processing Integration Results



Manual Integration Results

RT: 11.53
Area: 33437593
Amount: 48.962980
Amount Units: ug/l



Reviewer: babud, 03-May-2021 10:34:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-775107/3-A

Matrix: Solid Lab File ID: 13F0011344.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/30/2021 18:29

Sample wt/vol: 15.00(g) Date Analyzed: 05/03/2021 09:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775079 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.362		0.067	0.0089
11096-82-5	Aroclor 1260	0.337		0.067	0.0092
1336-36-3	Polychlorinated biphenyls, Total	0.699		0.067	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		37-150
877-09-8	Tetrachloro-m-xylene	106		54-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011344.D
Lims ID: LCSD 460-775107/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 03-May-2021 09:56:12 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127894-008
Operator ID: Instrument ID: CPESTGC13

Method: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\8082.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-May-2021 12:48:13 Calib Date: 07-Jan-2021 13:53:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC13\20210107-122580.b\13F0008264.D

Column 1 : Rtx-CLPesticides (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1653

First Level Reviewer: babud Date: 03-May-2021 10:35:22

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	2.047	2.046	0.001	22296045	20.0	20.0	
2	1.730	1.729	0.001	11224056	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	3.091	3.092	-0.001	55341858	50.0	52.2	
2	2.441	2.440	0.001	28995581	50.0	53.1	
						RPD = 1.73	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	3.721	3.722	-0.001	10554055	500.0	575.5	
1	4.241	4.242	-0.001	20313108	500.0	541.6	
1	4.827	4.827	0.000	39047922	500.0	523.0	
1	4.998	4.998	0.000	15553988	500.0	513.9	
1	5.126	5.128	-0.002	8809088	500.0	478.6	
1	5.601	5.602	-0.001	12234313	500.0	537.3	
1	5.767	5.768	-0.001	14015323	500.0	529.2	
1	6.194	6.198	-0.004	8365471	500.0	378.1	
		Average of Peak Amounts =				509.6	
2	2.838	2.837	0.001	5531280	500.0	567.7	
2	3.233	3.233	0.000	11035784	500.0	592.9	
2	3.461	3.462	-0.001	7101952	500.0	566.1	M
2	3.767	3.766	0.001	20418983	500.0	530.4	
2	3.919	3.918	0.001	8883155	500.0	557.0	
2	3.990	3.990	0.000	5593935	500.0	559.7	
2	4.399	4.398	0.001	9054740	500.0	549.4	
2	4.850	4.849	0.001	3830748	500.0	423.3	
		Average of Peak Amounts =				543.3	
						RPD = 6.40	
8 PCB-1260							Ma
1	7.319	7.321	-0.002	12145898	500.0	554.4	
1	7.606	7.608	-0.002	24382269	500.0	492.1	
1	8.019	8.017	0.002	26419986	500.0	469.6	
1	8.947	8.947	0.000	21799504	500.0	554.0	M
1	9.566	9.569	-0.003	22251174	500.0	547.1	M
1	9.957	9.977	-0.020	46834775	500.0	515.9	
1	10.402	10.446	-0.044	24427078	500.0	420.0	a
1	11.010	11.086	-0.076	10803019	500.0	523.7	a
		Average of Peak Amounts =				509.6	
2	5.885	5.882	0.003	12876237	500.0	534.9	
2	6.276	6.270	0.006	16316375	500.0	366.6	
2	6.877	6.872	0.005	11506705	500.0	567.8	
2	7.281	7.275	0.006	11061863	500.0	505.9	M
2	7.848	7.838	0.010	27270862	500.0	518.0	M
2	8.392	8.379	0.013	8680027	500.0	358.5	M
2	8.559	8.549	0.010	9537838	500.0	625.1	M
2	9.676	9.672	0.004	7328361	500.0	571.2	M
		Average of Peak Amounts =				506.0	
						RPD = 0.71	
$ 11 DCB Decachlorobiphenyl							a
1	11.535	11.641	-0.106	33437593	50.0	49.0	a
2	10.285	10.320	-0.035	22784894	50.0	51.4	a
						RPD = 4.86	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SGPCBISTD_00021 Amount Added: 20.00 Units: uL Run Reagent

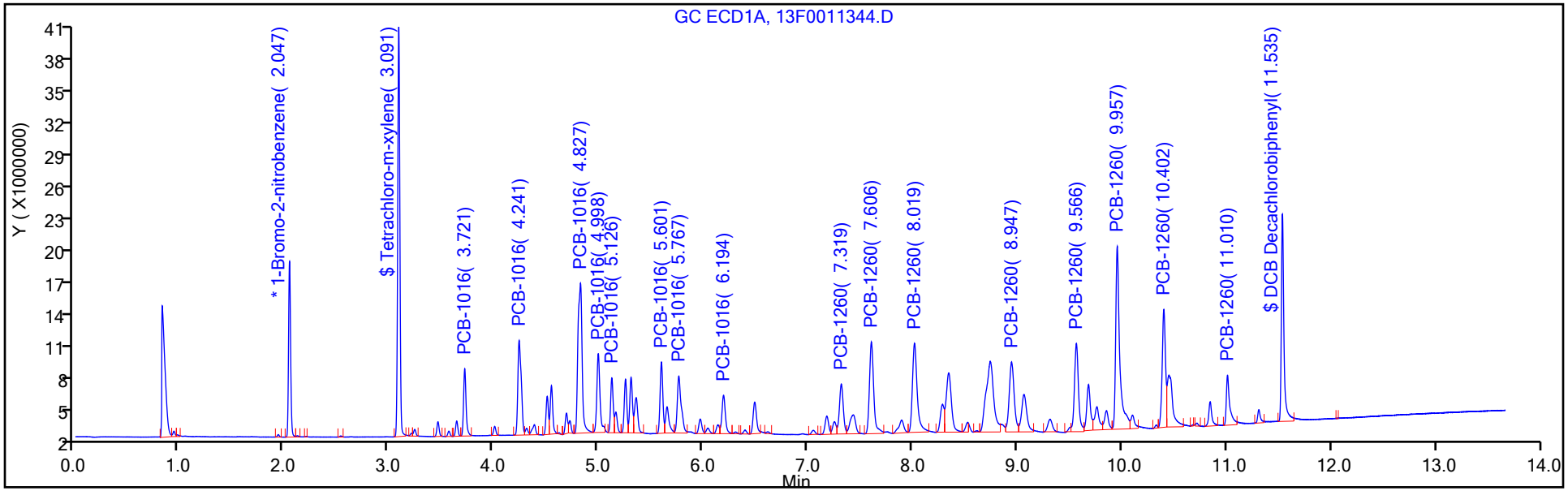
Report Date: 03-May-2021 12:48:14 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

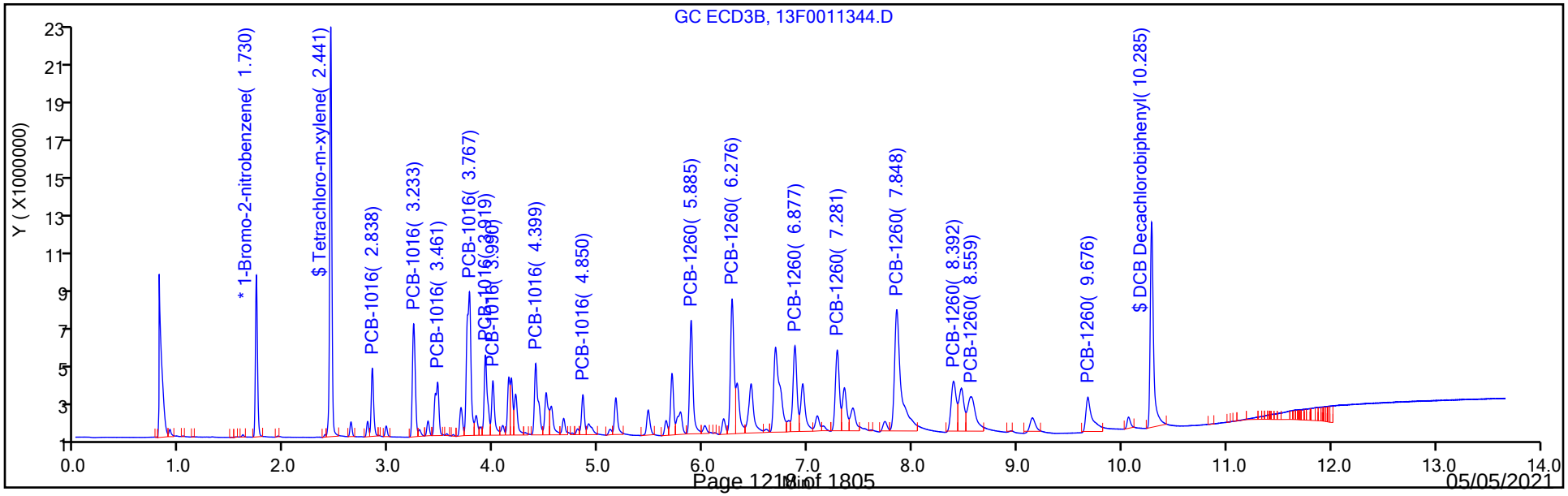
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011344.D

Injection Date:	03-May-2021 09:56:12	Instrument ID:	CPESTGC13	Operator ID:	
Lims ID:	LCSD 460-775107/3-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082	Limit Group:	GC 8082A PCB ISTD		

Column: Rtx-CLPesticides (0.53 mm)



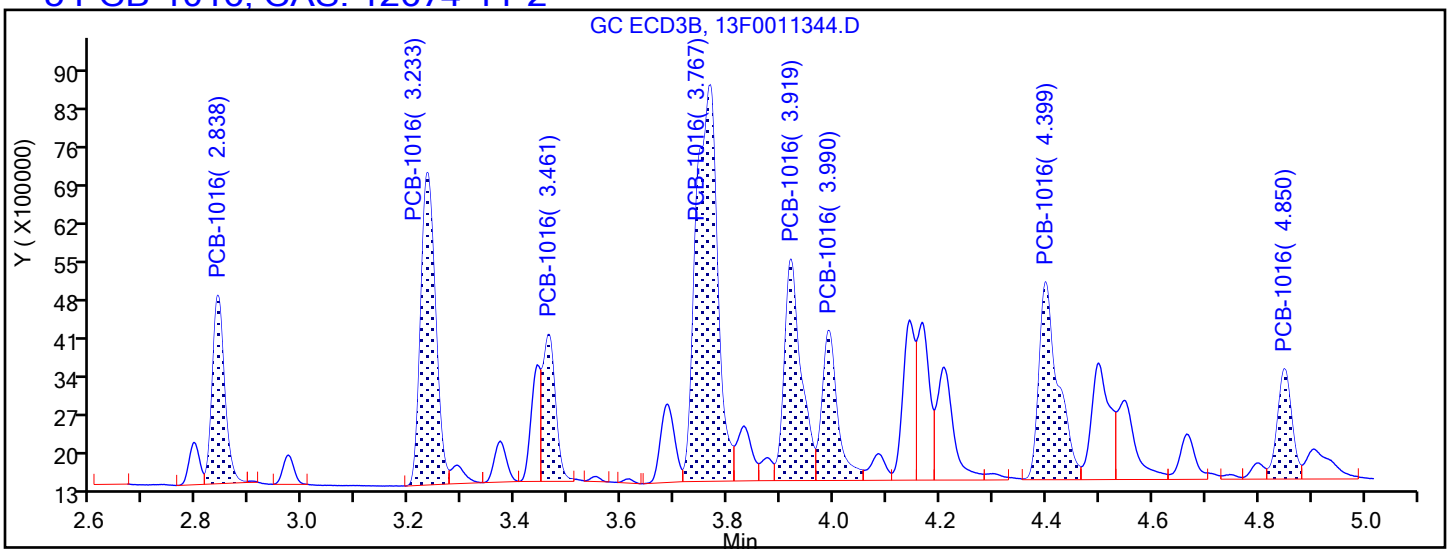
Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins TestAmerica, Edison

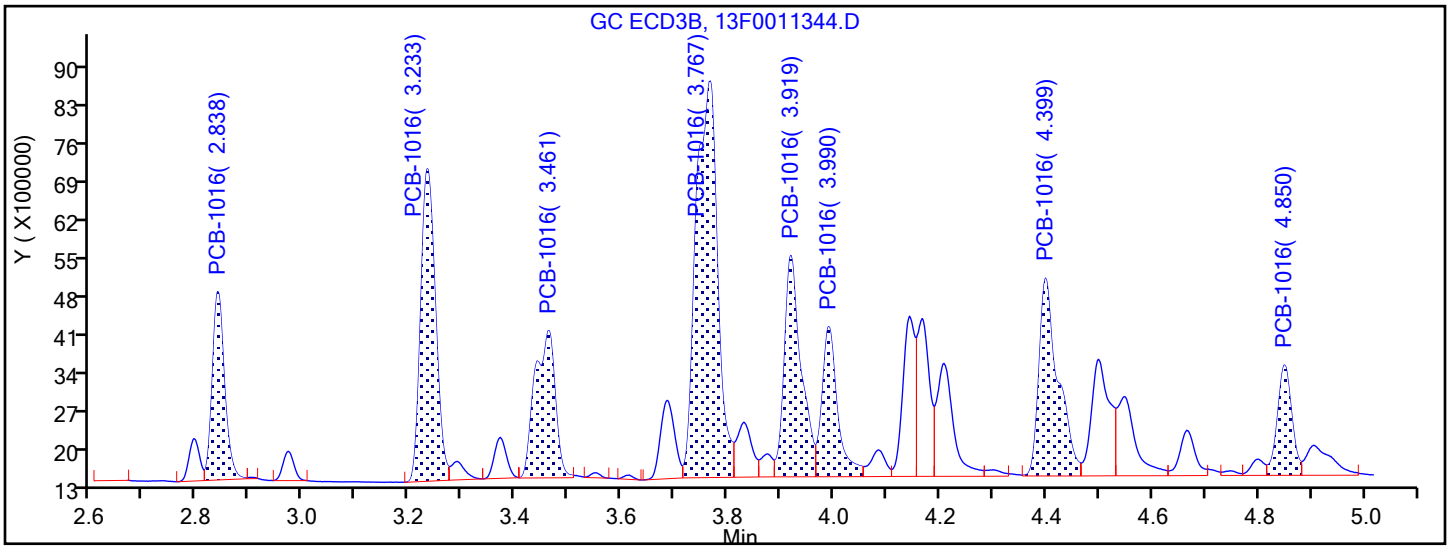
Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011344.D
Injection Date: 03-May-2021 09:56:12 Instrument ID: CPESTGC13
Lims ID: LCSD 460-775107/3-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.838	Response = 5531280
3.233	Response = 11035784
3.461	Response = 4522407
3.767	Response = 20418983
3.919	Response = 8883155
3.990	Response = 5593935
4.399	Response = 9054740
4.850	Response = 3830748



Manual Integration Results

2.838	Response = 5531280	
3.233	Response = 11035784	
3.461	Response = 7101952	M
3.767	Response = 20418983	
3.919	Response = 8883155	
3.990	Response = 5593935	

Report Date: 03-May-2021 12:48:15 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011344.D

Injection Date: 03-May-2021 09:56:12 Instrument ID: CPESTGC13

Lims ID: LCSD 460-775107/3-A

Client ID:

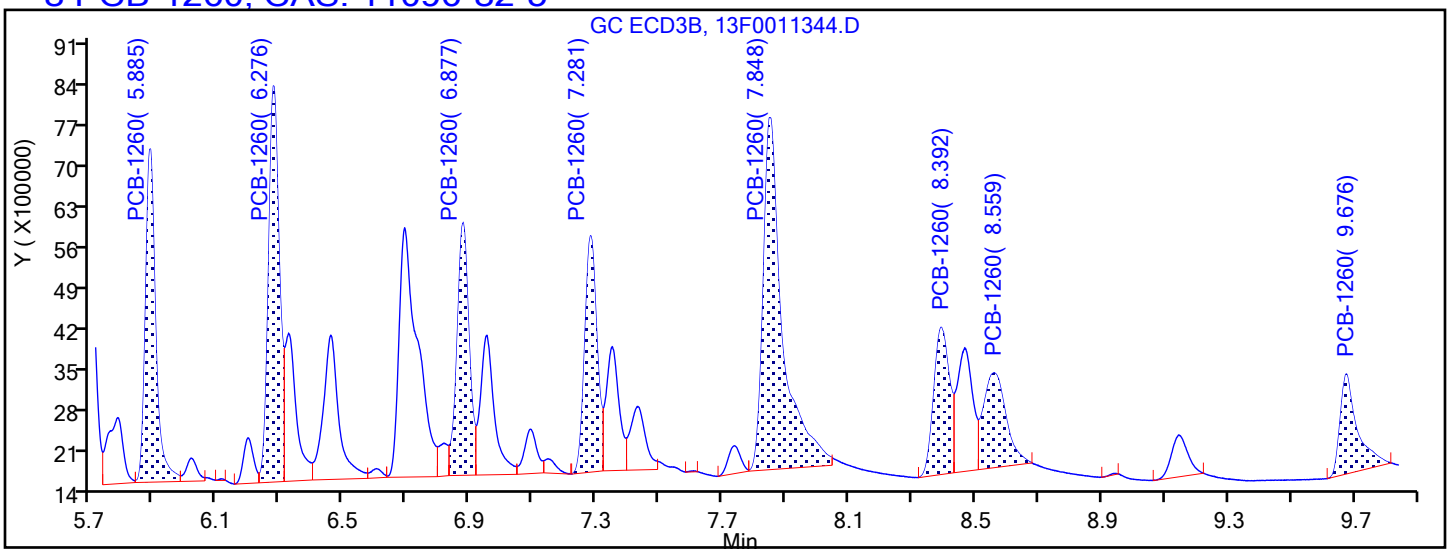
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 Limit Group: GC 8082A PCB ISTD

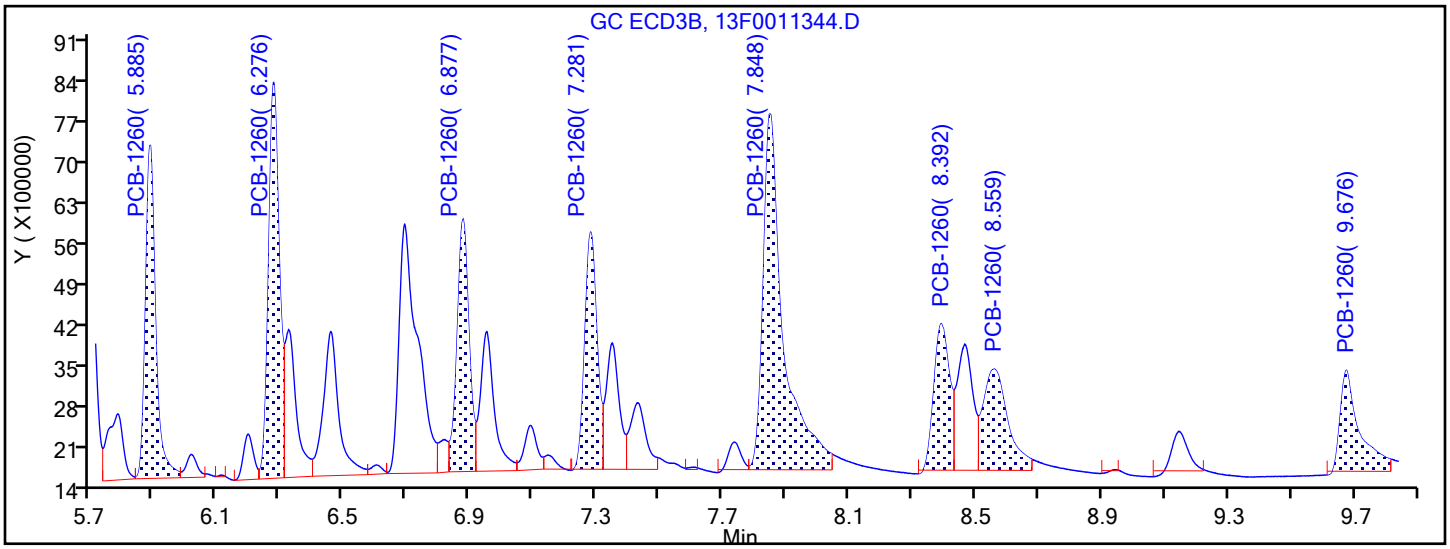
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

5.885	Response = 12876237
6.276	Response = 16316375
6.877	Response = 11506705
7.281	Response = 11012063
7.848	Response = 25818704
8.392	Response = 8831407
8.559	Response = 8168653
9.676	Response = 6458244



Manual Integration Results

5.885	Response = 12876237	
6.276	Response = 16316375	
6.877	Response = 11506705	
7.281	Response = 11061863	M
7.848	Response = 27270862	M
8.392	Response = 8680027	M

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

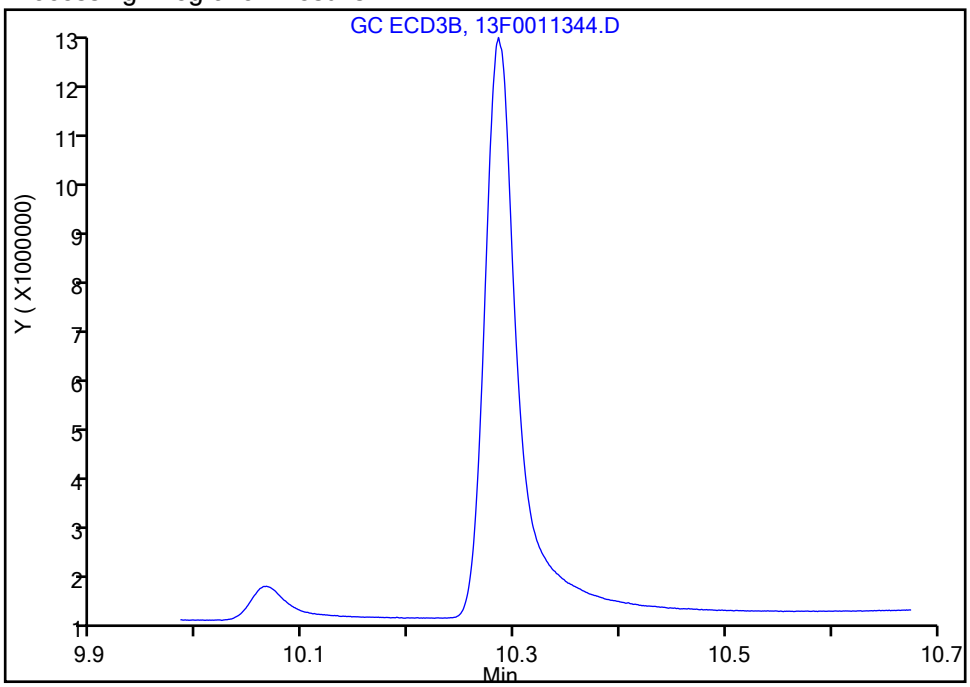
Data File:	\\chromfs\Edison\ChromData\CPESTGC13\20210430-127894.b\13F0011344.D				
Injection Date:	03-May-2021 09:56:12	Instrument ID:	CPESTGC13		
Lims ID:	LCSD 460-775107/3-A				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082	Limit Group:	GC 8082A PCB ISTD		
Column:	Rtx-CLP Pest 2 (0.53 mm)	Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

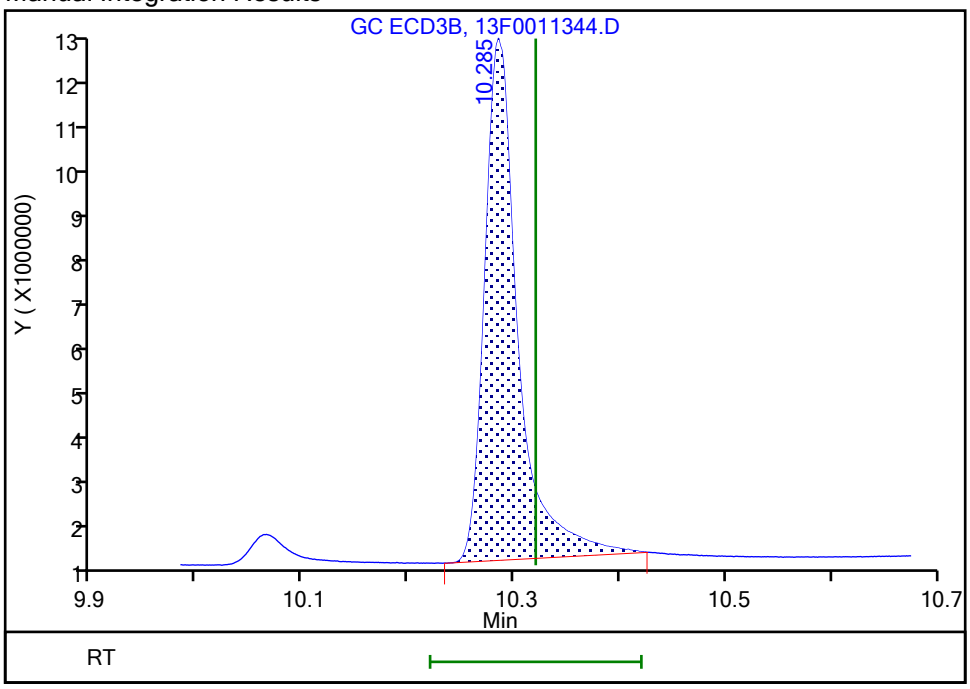
Not Detected
Expected RT: 10.32

Processing Integration Results



Manual Integration Results

RT: 10.28
Area: 22784894
Amount: 51.399285
Amount Units: ug/l



Reviewer: babud, 03-May-2021 10:34:42
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: CPESTGC13 Start Date: 01/07/2021 10:28

Analysis Batch Number: 751453 End Date: 01/07/2021 13:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-751453/1		01/07/2021 10:28	1		Rtx-CLP 0.53(mm)
PIBLK 460-751453/1		01/07/2021 10:28	1		CLP-2 0.53(mm)
IC 460-751453/2 ICIS		01/07/2021 10:43	1	13F0008252.D	Rtx-CLP 0.53(mm)
IC 460-751453/2 ICIS		01/07/2021 10:43	1	13F0008252.D	CLP-2 0.53(mm)
IC 460-751453/3		01/07/2021 10:59	1	13F0008253.D	Rtx-CLP 0.53(mm)
IC 460-751453/3		01/07/2021 10:59	1	13F0008253.D	CLP-2 0.53(mm)
IC 460-751453/4		01/07/2021 11:15	1	13F0008254.D	Rtx-CLP 0.53(mm)
IC 460-751453/4		01/07/2021 11:15	1	13F0008254.D	CLP-2 0.53(mm)
IC 460-751453/5		01/07/2021 11:31	1	13F0008255.D	Rtx-CLP 0.53(mm)
IC 460-751453/5		01/07/2021 11:31	1	13F0008255.D	CLP-2 0.53(mm)
IC 460-751453/6		01/07/2021 11:47	1	13F0008256.D	Rtx-CLP 0.53(mm)
IC 460-751453/6		01/07/2021 11:47	1	13F0008256.D	CLP-2 0.53(mm)
ICV 460-751453/7		01/07/2021 12:02	1	13F0008257.D	Rtx-CLP 0.53(mm)
ICV 460-751453/7		01/07/2021 12:02	1	13F0008257.D	CLP-2 0.53(mm)
IC 460-751453/8		01/07/2021 12:18	1	13F0008258.D	Rtx-CLP 0.53(mm)
IC 460-751453/8		01/07/2021 12:18	1	13F0008258.D	CLP-2 0.53(mm)
IC 460-751453/9		01/07/2021 12:34	1	13F0008259.D	Rtx-CLP 0.53(mm)
IC 460-751453/9		01/07/2021 12:34	1	13F0008259.D	CLP-2 0.53(mm)
IC 460-751453/10		01/07/2021 12:50	1	13F0008260.D	Rtx-CLP 0.53(mm)
IC 460-751453/10		01/07/2021 12:50	1	13F0008260.D	CLP-2 0.53(mm)
IC 460-751453/11		01/07/2021 13:06	1	13F0008261.D	Rtx-CLP 0.53(mm)
IC 460-751453/11		01/07/2021 13:06	1	13F0008261.D	CLP-2 0.53(mm)
IC 460-751453/12		01/07/2021 13:21	1	13F0008262.D	Rtx-CLP 0.53(mm)
IC 460-751453/12		01/07/2021 13:21	1	13F0008262.D	CLP-2 0.53(mm)
IC 460-751453/13		01/07/2021 13:37	1	13F0008263.D	Rtx-CLP 0.53(mm)
IC 460-751453/13		01/07/2021 13:37	1	13F0008263.D	CLP-2 0.53(mm)
IC 460-751453/14		01/07/2021 13:53	1	13F0008264.D	Rtx-CLP 0.53(mm)
IC 460-751453/14		01/07/2021 13:53	1	13F0008264.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: CPESTGC13 Start Date: 05/03/2021 08:05

Analysis Batch Number: 775079 End Date: 05/03/2021 15:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-775079/1		05/03/2021 08:05	1	13F0011337.D	Rtx-CLP 0.53(mm)
PIBLK 460-775079/1		05/03/2021 08:05	1	13F0011337.D	CLP-2 0.53(mm)
CCVIS 460-775079/2		05/03/2021 08:21	1	13F0011338.D	Rtx-CLP 0.53(mm)
CCVIS 460-775079/2		05/03/2021 08:21	1	13F0011338.D	CLP-2 0.53(mm)
ZZZZZ		05/03/2021 08:37	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 08:37	1		CLP-2 0.53(mm)
CCV 460-775079/4		05/03/2021 08:53	1		Rtx-CLP 0.53(mm)
CCV 460-775079/4		05/03/2021 08:53	1		CLP-2 0.53(mm)
CCV 460-775079/5		05/03/2021 09:08	1		Rtx-CLP 0.53(mm)
CCV 460-775079/5		05/03/2021 09:08	1		CLP-2 0.53(mm)
MB 460-775107/1-A		05/03/2021 09:24	1	13F0011342.D	Rtx-CLP 0.53(mm)
MB 460-775107/1-A		05/03/2021 09:24	1	13F0011342.D	CLP-2 0.53(mm)
LCS 460-775107/2-A		05/03/2021 09:40	1	13F0011343.D	Rtx-CLP 0.53(mm)
LCS 460-775107/2-A		05/03/2021 09:40	1	13F0011343.D	CLP-2 0.53(mm)
LCSD 460-775107/3-A		05/03/2021 09:56	1	13F0011344.D	Rtx-CLP 0.53(mm)
LCSD 460-775107/3-A		05/03/2021 09:56	1	13F0011344.D	CLP-2 0.53(mm)
ZZZZZ		05/03/2021 10:12	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 10:12	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 10:27	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 10:27	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 10:43	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 10:43	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 10:59	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 10:59	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 11:15	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 11:15	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 11:31	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 11:31	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 11:46	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 11:46	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 12:02	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 12:02	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 12:18	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 12:18	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 12:34	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 12:34	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 12:49	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 12:49	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 13:05	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 13:05	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 13:21	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 13:21	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 13:37	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 13:37	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 14:01	2		Rtx-CLP 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: CPESTGC13 Start Date: 05/03/2021 08:05

Analysis Batch Number: 775079 End Date: 05/03/2021 15:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		05/03/2021 14:01	2		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 14:17	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 14:17	1		CLP-2 0.53(mm)
ZZZZZ		05/03/2021 14:33	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 14:33	1		CLP-2 0.53(mm)
460-233141-1	SB-03_0-2_20210428	05/03/2021 14:55	1	13F0011362.D	Rtx-CLP 0.53(mm)
460-233141-1	SB-03_0-2_20210428	05/03/2021 14:55	1	13F0011362.D	CLP-2 0.53(mm)
460-233141-2	SB-03_7-9_20210428	05/03/2021 15:11	1	13F0011363.D	Rtx-CLP 0.53(mm)
460-233141-2	SB-03_7-9_20210428	05/03/2021 15:11	1	13F0011363.D	CLP-2 0.53(mm)
460-233141-3	SB-04_0-2_20210428	05/03/2021 15:27	1	13F0011364.D	Rtx-CLP 0.53(mm)
460-233141-3	SB-04_0-2_20210428	05/03/2021 15:27	1	13F0011364.D	CLP-2 0.53(mm)
460-233141-4	SB-04_4-6_20210428	05/03/2021 15:43	1	13F0011365.D	Rtx-CLP 0.53(mm)
460-233141-4	SB-04_4-6_20210428	05/03/2021 15:43	1	13F0011365.D	CLP-2 0.53(mm)
ZZZZZ		05/03/2021 15:59	1		Rtx-CLP 0.53(mm)
ZZZZZ		05/03/2021 15:59	1		CLP-2 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Batch Number: 775107 Batch Start Date: 04/30/21 18:29 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00039	OPPSTPCBSURR 00015		
MB 460-775107/1		3546, 8082A		15.00 g	10 mL		50 uL		
LCS 460-775107/2		3546, 8082A		15.00 g	10 mL	50 uL	50 uL		
LCSD 460-775107/3		3546, 8082A		15.00 g	10 mL	50 uL	50 uL		
460-233141-E-1	SB-03_0-2_20210428	3546, 8082A	T	15.00 g	10 mL		50 uL		
460-233141-E-2	SB-03_7-9_20210428	3546, 8082A	T	15.00 g	10 mL		50 uL		
460-233141-E-3	SB-04_0-2_20210428	3546, 8082A	T	15.00 g	10 mL		50 uL		
460-233141-E-4	SB-04_4-6_20210428	3546, 8082A	T	15.00 g	10 mL		50 uL		

Batch Notes	
Batch Comment	PCB SOIL
Blank Matrix ID	181427
Analyst ID - Concentration	ARCHIE
Copper ID	LOT# 913270-BJ
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	ARCHIE
Method/Fraction	3546 / 8082 SOIL
Microwave Oven ID	MD1952/5095/4965
Na2SO4 ID	195259
Prep Solvent ID	Acetone 271760/Hexane 273964
Analyst ID - Spike Analyst	ARCHIE
Analyst ID - Spike Witness Analyst	AR
Concentration 1 Uncorrected Temperature	35 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

COVER PAGE
METALS

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233141-1

SDG No.:

Project: Brookfield Commons - 159 South Lexington

Client Sample ID	Lab Sample ID
SB-03_0-2_20210428	460-233141-1
SB-03_7-9_20210428	460-233141-2
SB-04_0-2_20210428	460-233141-3
SB-04_4-6_20210428	460-233141-4

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SB-03_0-2_20210428 Lab Sample ID: 460-233141-1

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG ID.:

Matrix: Solid Date Sampled: 04/28/2021 08:40

Reporting Basis: DRY Date Received: 04/28/2021 18:00

% Solids: 86.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	12000	22.0	2.9	mg/Kg			1	6020B
7440-36-0	Antimony	0.23	1.1	0.16	mg/Kg	J		1	6020B
7440-38-2	Arsenic	4.2	1.1	0.11	mg/Kg			1	6020B
7440-39-3	Barium	111	2.2	0.16	mg/Kg			1	6020B
7440-41-7	Beryllium	0.38	0.44	0.063	mg/Kg	J		1	6020B
7440-43-9	Cadmium	0.42	1.1	0.12	mg/Kg	J		1	6020B
7440-70-2	Calcium	7600	110	18.7	mg/Kg			1	6020B
7440-47-3	Chromium	21.6	2.2	0.19	mg/Kg			1	6020B
7440-48-4	Cobalt	9.3	2.2	0.16	mg/Kg			1	6020B
7440-50-8	Copper	33.0	2.2	0.24	mg/Kg			1	6020B
7439-89-6	Iron	19400	65.9	22.2	mg/Kg			1	6020B
7439-92-1	Lead	1140	0.66	0.22	mg/Kg			1	6020B
7439-95-4	Magnesium	5790	110	11.2	mg/Kg			1	6020B
7439-96-5	Manganese	267	4.4	0.44	mg/Kg			1	6020B
7440-02-0	Nickel	19.9	2.2	0.21	mg/Kg			1	6020B
7440-09-7	Potassium	3110	110	12.3	mg/Kg			1	6020B
7782-49-2	Selenium	0.28	1.4	0.13	mg/Kg	J		1	6020B
7440-22-4	Silver	0.14	1.1	0.098	mg/Kg	J		1	6020B
7440-23-5	Sodium	206	110	17.1	mg/Kg			1	6020B
7440-28-0	Thallium	0.19	0.44	0.045	mg/Kg	J		1	6020B
7440-62-2	Vanadium	31.8	2.2	0.23	mg/Kg			1	6020B
7440-66-6	Zinc	145	8.8	2.5	mg/Kg			1	6020B
7439-97-6	Mercury	0.094	0.020	0.0046	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SB-03_7-9_20210428 Lab Sample ID: 460-233141-2

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG ID.:

Matrix: Solid Date Sampled: 04/28/2021 08:50

Reporting Basis: DRY Date Received: 04/28/2021 18:00

% Solids: 75.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	13900	25.0	3.3	mg/Kg			1	6020B
7440-36-0	Antimony	1.3	1.3	0.18	mg/Kg	U		1	6020B
7440-38-2	Arsenic	2.8	1.3	0.13	mg/Kg			1	6020B
7440-39-3	Barium	146	2.5	0.18	mg/Kg			1	6020B
7440-41-7	Beryllium	0.54	0.50	0.071	mg/Kg			1	6020B
7440-43-9	Cadmium	1.3	1.3	0.14	mg/Kg	U		1	6020B
7440-70-2	Calcium	2800	125	21.3	mg/Kg			1	6020B
7440-47-3	Chromium	23.6	2.5	0.22	mg/Kg			1	6020B
7440-48-4	Cobalt	9.5	2.5	0.19	mg/Kg			1	6020B
7440-50-8	Copper	16.9	2.5	0.28	mg/Kg			1	6020B
7439-89-6	Iron	22600	75.0	25.3	mg/Kg			1	6020B
7439-92-1	Lead	10.3	0.75	0.25	mg/Kg			1	6020B
7439-95-4	Magnesium	5560	125	12.8	mg/Kg			1	6020B
7439-96-5	Manganese	173	5.0	0.50	mg/Kg			1	6020B
7440-02-0	Nickel	18.2	2.5	0.24	mg/Kg			1	6020B
7440-09-7	Potassium	1630	125	14.0	mg/Kg			1	6020B
7782-49-2	Selenium	0.29	1.6	0.15	mg/Kg	J		1	6020B
7440-22-4	Silver	1.3	1.3	0.11	mg/Kg	U		1	6020B
7440-23-5	Sodium	299	125	19.5	mg/Kg			1	6020B
7440-28-0	Thallium	0.16	0.50	0.051	mg/Kg	J		1	6020B
7440-62-2	Vanadium	31.2	2.5	0.26	mg/Kg			1	6020B
7440-66-6	Zinc	84.9	10.0	2.9	mg/Kg			1	6020B
7439-97-6	Mercury	0.037	0.021	0.0050	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SB-04_0-2_20210428 Lab Sample ID: 460-233141-3

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG ID.:

Matrix: Solid Date Sampled: 04/28/2021 09:26

Reporting Basis: DRY Date Received: 04/28/2021 18:00

% Solids: 77.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10100	24.2	3.1	mg/Kg			1	6020B
7440-36-0	Antimony	0.84	1.2	0.18	mg/Kg	J		1	6020B
7440-38-2	Arsenic	8.3	1.2	0.12	mg/Kg			1	6020B
7440-39-3	Barium	745	2.4	0.18	mg/Kg			1	6020B
7440-41-7	Beryllium	0.42	0.48	0.069	mg/Kg	J		1	6020B
7440-43-9	Cadmium	0.90	1.2	0.14	mg/Kg	J		1	6020B
7440-70-2	Calcium	10100	121	20.6	mg/Kg			1	6020B
7440-47-3	Chromium	69.5	2.4	0.21	mg/Kg			1	6020B
7440-48-4	Cobalt	7.5	2.4	0.18	mg/Kg			1	6020B
7440-50-8	Copper	104	2.4	0.27	mg/Kg			1	6020B
7439-89-6	Iron	23600	72.6	24.5	mg/Kg			1	6020B
7439-92-1	Lead	1170	0.73	0.24	mg/Kg			1	6020B
7439-95-4	Magnesium	4340	121	12.4	mg/Kg			1	6020B
7439-96-5	Manganese	348	4.8	0.49	mg/Kg			1	6020B
7440-02-0	Nickel	18.9	2.4	0.23	mg/Kg			1	6020B
7440-09-7	Potassium	1570	121	13.6	mg/Kg			1	6020B
7782-49-2	Selenium	0.43	1.5	0.14	mg/Kg	J		1	6020B
7440-22-4	Silver	0.74	1.2	0.11	mg/Kg	J		1	6020B
7440-23-5	Sodium	248	121	18.9	mg/Kg			1	6020B
7440-28-0	Thallium	0.16	0.48	0.050	mg/Kg	J		1	6020B
7440-62-2	Vanadium	35.7	2.4	0.25	mg/Kg			1	6020B
7440-66-6	Zinc	751	9.7	2.8	mg/Kg			1	6020B
7439-97-6	Mercury	0.37	0.021	0.0050	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SB-04_4-6_20210428 Lab Sample ID: 460-233141-4

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG ID.:

Matrix: Solid Date Sampled: 04/28/2021 09:29

Reporting Basis: DRY Date Received: 04/28/2021 18:00

% Solids: 80.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10300	23.4	3.0	mg/Kg			1	6020B
7440-36-0	Antimony	0.26	1.2	0.17	mg/Kg	J		1	6020B
7440-38-2	Arsenic	4.0	1.2	0.12	mg/Kg			1	6020B
7440-39-3	Barium	74.9	2.3	0.17	mg/Kg			1	6020B
7440-41-7	Beryllium	0.35	0.47	0.067	mg/Kg	J		1	6020B
7440-43-9	Cadmium	0.16	1.2	0.13	mg/Kg	J		1	6020B
7440-70-2	Calcium	8870	117	19.9	mg/Kg			1	6020B
7440-47-3	Chromium	16.5	2.3	0.20	mg/Kg			1	6020B
7440-48-4	Cobalt	7.5	2.3	0.17	mg/Kg			1	6020B
7440-50-8	Copper	20.0	2.3	0.26	mg/Kg			1	6020B
7439-89-6	Iron	16700	70.1	23.6	mg/Kg			1	6020B
7439-92-1	Lead	62.8	0.70	0.23	mg/Kg			1	6020B
7439-95-4	Magnesium	6960	117	11.9	mg/Kg			1	6020B
7439-96-5	Manganese	371	4.7	0.47	mg/Kg			1	6020B
7440-02-0	Nickel	13.5	2.3	0.23	mg/Kg			1	6020B
7440-09-7	Potassium	1580	117	13.1	mg/Kg			1	6020B
7782-49-2	Selenium	0.14	1.5	0.14	mg/Kg	J		1	6020B
7440-22-4	Silver	1.2	1.2	0.10	mg/Kg	U		1	6020B
7440-23-5	Sodium	140	117	18.2	mg/Kg			1	6020B
7440-28-0	Thallium	0.18	0.47	0.048	mg/Kg	J		1	6020B
7440-62-2	Vanadium	25.3	2.3	0.24	mg/Kg			1	6020B
7440-66-6	Zinc	74.4	9.3	2.7	mg/Kg			1	6020B
7439-97-6	Mercury	0.22	0.019	0.0045	mg/Kg			1	7471B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

ICV Source: ME_ICV_00033 Concentration Units: ug/L

CCV Source: ME_Cal4_00056

Analyte	ICV 460-775664/7 05/04/2021 08:30				CCV 460-775664/19 05/04/2021 08:56				CCV 460-775664/31 05/04/2021 09:33			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	20180		20000	101	24820		25000	99	25540		25000	102
Antimony	79.18		80.0	99	99.52		100	100	97.03		100	97
Arsenic	78.49		80.0	98	97.56		100	98	101.8		100	102
Barium	77.00		80.0	96	98.60		100	99	98.13		100	98
Beryllium	78.33		80.0	98	92.53		100	93	95.19		100	95
Cadmium	79.48		80.0	99	99.85		100	100	98.42		100	98
Calcium	19440		20000	97	25220		25000	101	25230		25000	101
Chromium	80.92		80.0	101	99.51		100	100	99.74		100	100
Cobalt	81.34		80.0	102	98.60		100	99	102.9		100	103
Copper	81.93		80.0	102	100.5		100	100	102.9		100	103
Iron	20090		20000	100	24240		25000	97	24910		25000	100
Lead	79.38		80.0	99	99.80		100	100	98.42		100	98
Magnesium	21050		20000	105	25910		25000	104	26700		25000	107
Manganese	82.70		80.0	103	97.88		100	98	100.9		100	101
Nickel	81.88		80.0	102	97.74		100	98	99.70		100	100
Potassium	20360		20000	102	25300		25000	101	25900		25000	104
Selenium	77.75		80.0	97	102.5		100	102	103.4		100	103
Silver	39.56		40.0	99	48.94		50.0	98	48.53		50.0	97
Sodium	20700		20000	104	25610		25000	102	25470		25000	102
Thallium	78.70		80.0	98	99.80		100	100	99.03		100	99
Vanadium	80.78		80.0	101	97.84		100	98	100.1		100	100
Zinc	200.3		200	100	248.2		250	99	255.9		250	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

ICV Source: ME_ICV_00033 Concentration Units: ug/L

CCV Source: ME_Cal4_00056

Analyte	CCV 460-775664/111 05/04/2021 12:27				CCV 460-775664/123 05/04/2021 12:53				CCV 460-775664/135 05/04/2021 13:19			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	24940		25000	100	25130		25000	101	25090		25000	100
Antimony	99.19		100	99	100.1		100	100	99.66		100	100
Arsenic	98.87		100	99	101.9		100	102	99.67		100	100
Barium	98.48		100	98	97.80		100	98	102.1		100	102
Beryllium	96.40		100	96	95.58		100	96	94.92		100	95
Cadmium	100.6		100	101	101.8		100	102	102.3		100	102
Calcium	25040		25000	100	24770		25000	99	24690		25000	99
Chromium	100.1		100	100	99.67		100	100	96.80		100	97
Cobalt	100.1		100	100	101.4		100	101	99.05		100	99
Copper	100.4		100	100	102.4		100	102	101.4		100	101
Iron	24810		25000	99	24220		25000	97	24980		25000	100
Lead	100.1		100	100	100.3		100	100	98.48		100	98
Magnesium	26130		25000	105	26210		25000	105	25900		25000	104
Manganese	100.3		100	100	101.0		100	101	99.59		100	100
Nickel	100.6		100	101	99.13		100	99	98.26		100	98
Potassium	25610		25000	102	25200		25000	101	24870		25000	99
Selenium	104.1		100	104	103.6		100	104	102.9		100	103
Silver	50.00		50.0	100	50.08		50.0	100	50.20		50.0	100
Sodium	26080		25000	104	27110		25000	108	26100		25000	104
Thallium	99.78		100	100	98.64		100	99	98.41		100	98
Vanadium	95.92		100	96	98.81		100	99	99.67		100	100
Zinc	253.5		250	101	259.2		250	104	249.8		250	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

ICV Source: ME_DQCS-INT_03533 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_03796

Analyte	ICV 460-775452/7 05/03/2021 07:13				CCV 460-775452/33 05/03/2021 08:04				CCV 460-775452/45 05/03/2021 08:28			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.04		5.00	101	5.12		5.00	102	5.02		5.00	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

ICV Source: ME_DQCS-INT_03533 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_03796

Analyte	CCV 460-775452/57 05/03/2021 08:51				CCV 460-775452/69 05/03/2021 09:14							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.06		5.00	101	5.01		5.00	100				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-775664/8 05/04/2021 08:32		CCB 460-775664/20 05/04/2021 08:58		CCB 460-775664/32 05/04/2021 09:35		CCB 460-775664/112 05/04/2021 12:29	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U	200	U
Antimony	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Arsenic	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Barium	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Beryllium	4.0	4.0	U	4.0	U	4.0	U	4.0	U
Cadmium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Calcium	1000	1000	U	1000	U	1000	U	1000	U
Chromium	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Cobalt	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Copper	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Iron	600	600	U	600	U	600	U	600	U
Lead	6.0	6.0	U	6.0	U	6.0	U	6.0	U
Magnesium	1000	1000	U	1000	U	1000	U	1000	U
Manganese	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Nickel	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Potassium	1000	1000	U	1000	U	1000	U	1000	U
Selenium	12.5	12.5	U	12.5	U	12.5	U	12.5	U
Silver	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Sodium	1000	1000	U	1000	U	1000	U	157.5	J
Thallium	4.0	4.0	U	4.0	U	4.0	U	4.0	U
Vanadium	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Zinc	80.0	80.0	U	80.0	U	80.0	U	80.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-775664/124 05/04/2021 12:55		CCB 460-775664/136 05/04/2021 13:21					
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U				
Antimony	10.0	10.0	U	10.0	U				
Arsenic	10.0	10.0	U	10.0	U				
Barium	20.0	20.0	U	20.0	U				
Beryllium	4.0	4.0	U	4.0	U				
Cadmium	10.0	10.0	U	10.0	U				
Calcium	1000	1000	U	1000	U				
Chromium	20.0	20.0	U	20.0	U				
Cobalt	20.0	20.0	U	20.0	U				
Copper	20.0	20.0	U	20.0	U				
Iron	600	600	U	600	U				
Lead	6.0	6.0	U	6.0	U				
Magnesium	1000	1000	U	1000	U				
Manganese	40.0	40.0	U	40.0	U				
Nickel	20.0	20.0	U	20.0	U				
Potassium	1000	1000	U	1000	U				
Selenium	12.5	12.5	U	12.5	U				
Silver	10.0	10.0	U	10.0	U				
Sodium	1000	176.3	J	158.8	J				
Thallium	4.0	4.0	U	4.0	U				
Vanadium	20.0	20.0	U	20.0	U				
Zinc	80.0	80.0	U	80.0	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-775452/8 05/03/2021 07:15		CCB 460-775452/34 05/03/2021 08:06		CCB 460-775452/46 05/03/2021 08:29		CCB 460-775452/58 05/03/2021 08:53	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-775452/70 05/03/2021 09:16							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-775602/1-A

Instrument Code: ICPMS4 Batch No.: 775664

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	20.0	U		6020B
7440-36-0	Antimony	1.0	U		6020B
7440-38-2	Arsenic	1.0	U		6020B
7440-39-3	Barium	2.0	U		6020B
7440-41-7	Beryllium	0.40	U		6020B
7440-43-9	Cadmium	1.0	U		6020B
7440-70-2	Calcium	100	U		6020B
7440-47-3	Chromium	2.0	U		6020B
7440-48-4	Cobalt	2.0	U		6020B
7440-50-8	Copper	2.0	U		6020B
7439-89-6	Iron	60.0	U		6020B
7439-92-1	Lead	0.60	U		6020B
7439-95-4	Magnesium	100	U		6020B
7439-96-5	Manganese	4.0	U		6020B
7440-02-0	Nickel	2.0	U		6020B
7440-09-7	Potassium	100	U		6020B
7782-49-2	Selenium	1.3	U		6020B
7440-22-4	Silver	1.0	U		6020B
7440-23-5	Sodium	100	U		6020B
7440-28-0	Thallium	0.40	U		6020B
7440-62-2	Vanadium	2.0	U		6020B
7440-66-6	Zinc	8.0	U		6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-775408/1-A

Instrument Code: LEEMAN7 Batch No.: 775452

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.017	U		7471B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: ICSA 460-775664/10 Instrument ID: ICPMS4

Lab File ID: 013ICSA.d ICS Source: ME_ICSA_00094

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**100000**	**99279**	**99**
Antimony		**0.0860**	
Arsenic		**-0.0460**	
Barium		**1.74**	
Beryllium		**0.0390**	
Cadmium		**0.278**	
Calcium	**100000**	**99948**	**100**
Chromium		**0.866**	
Cobalt		**1.39**	
Copper		**0.570**	
Iron	**100000**	**99936**	**100**
Lead		**0.301**	
Magnesium	**100000**	**101399**	**101**
Manganese		**0.960**	
Nickel		**0.441**	
Potassium	**100000**	**100396**	**100**
Selenium		**0.108**	
Silver		**0.0410**	
Sodium	**100000**	**101363**	**101**
Thallium		**-0.0430**	
Vanadium		**-0.393**	
Zinc		**1.22**	
Boron		*5.87*	
Molybdenum	*2000*	*2077*	*104*
Strontium		*4.91*	
Tin		*0.241*	
Titanium	*2000*	*2054*	*103*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Lab Sample ID: ICSAB 460-775664/11 Instrument ID: ICPMS4

Lab File ID: 014ICSB.d ICS Source: ME_ICSAB_00056

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**100000**	**98535**	**99**
Antimony	**100**	**101**	**101**
Arsenic	**200**	**206**	**103**
Barium	**200**	**205**	**103**
Beryllium	**200**	**203**	**101**
Cadmium	**200**	**210**	**105**
Calcium	**100000**	**101619**	**102**
Chromium	**200**	**202**	**101**
Cobalt	**200**	**203**	**102**
Copper	**200**	**200**	**100**
Iron	**100000**	**98696**	**99**
Lead	**200**	**206**	**103**
Magnesium	**100000**	**98035**	**98**
Manganese	**200**	**206**	**103**
Nickel	**200**	**203**	**102**
Potassium	**100000**	**99357**	**99**
Selenium	**200**	**205**	**103**
Silver	**200**	**196**	**98**
Sodium	**100000**	**100357**	**100**
Thallium	**100**	**103**	**103**
Vanadium	**200**	**200**	**100**
Zinc	**200**	**206**	
Boron		*3.59*	
Molybdenum	*2000*	*2106*	*105*
Strontium	*200*	*208*	*104*
Tin	*200*	*206*	
Titanium	*2000*	*2050*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-775664/12

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum		200	U					6020B
Antimony		10.0	U					6020B
Arsenic	5000	5070		101	90	110		6020B
Barium	20000	19510		98	90	110		6020B
Beryllium	2000	1875		94	90	110		6020B
Cadmium	5000	5287		106	90	110		6020B
Calcium		1000	U					6020B
Chromium	20000	19170		96	90	110		6020B
Cobalt	2000	2025		101	90	110		6020B
Copper	20000	20380		102	90	110		6020B
Iron		600	U					6020B
Lead	20000	18880		94	90	110		6020B
Magnesium		1000	U					6020B
Manganese	10000	9985		100	90	110		6020B
Nickel	20000	20570		103	90	110		6020B
Potassium		1000	U					6020B
Selenium	2000	2046		102	90	110		6020B
Silver		10.0	U					6020B
Sodium		1000	U					6020B
Thallium	1000	983.2		98	90	110		6020B
Vanadium	5000	4976		100	90	110		6020B
Zinc	20000	18900		95	90	110		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-775664/13

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

Sample Matrix: LCS Source: me_LR-B_00004

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	200000	198500		99	90	110		6020B
Antimony		10.0	U					6020B
Arsenic		10.0	U					6020B
Barium		2.05	J					6020B
Beryllium		4.0	U					6020B
Cadmium		10.0	U					6020B
Calcium	500000	506600		101	90	110		6020B
Chromium		4.50	J					6020B
Cobalt		5.48	J					6020B
Copper		3.86	J					6020B
Iron	500000	487600		98	90	110		6020B
Lead		3.24	J					6020B
Magnesium	500000	502600		101	90	110		6020B
Manganese		40.0	U					6020B
Nickel		20.0	U					6020B
Potassium	500000	489100		98	90	110		6020B
Selenium		12.5	U					6020B
Silver		10.0	U					6020B
Sodium	500000	500600		100	90	110		6020B
Thallium		4.0	U					6020B
Vanadium		20.0	U					6020B
Zinc		80.0	U					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-775602/2-A ^5

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

Sample Matrix: Solid LCS Source: ME_LCSS_108_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	8190	7686		93.8	48.7	151.4		6020B
Antimony	110	82.59		75.1	3.6	210.9		6020B
Arsenic	162	176.6		109.0	82.7	117.9		6020B
Barium	138	140.4		101.8	82.6	117.4		6020B
Beryllium	157	162.3		103.4	82.8	117.2		6020B
Cadmium	135	152.2		112.8	82.2	117.0		6020B
Calcium	4790	4950		103.3	81.6	118.2		6020B
Chromium	117	123.1		105.3	82.0	117.9		6020B
Cobalt	92.6	99.86		107.8	83.4	116.6		6020B
Copper	143	156.3		109.3	83.2	116.1		6020B
Iron	15100	14630		96.9	63.0	137.1		6020B
Lead	77.6	84.29		108.6	83.4	116.5		6020B
Magnesium	2320	2491		107.4	75.9	124.1		6020B
Manganese	319	338.0		105.9	82.1	118.2		6020B
Nickel	79.9	85.18		106.6	82.1	117.9		6020B
Potassium	2050	2019		98.5	70.2	129.8		6020B
Selenium	172	196.8		114.4	79.1	120.9		6020B
Silver	24.7	27.09		109.7	80.6	119.8		6020B
Sodium	137	100.5	J	73.3	72.1	127.7		6020B
Thallium	88.0	97.78		111.1	80.7	119.3		6020B
Vanadium	99.9	104.4		104.5	79.0	121.1		6020B
Zinc	312	332.5		106.6	80.4	119.6		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-775408/2-A ^40

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

Sample Matrix: Solid LCS Source: ME_LCSS_108_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	27.2	26.82		98.6	72.4	127.6		7471B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233141-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS4

Method: 6020B MDL Date: 07/09/2020 16:13

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Aluminum		20	2.6
Antimony		1	0.146
Arsenic		1	0.1
Barium		2	0.145
Beryllium		0.4	0.057
Cadmium		1	0.113
Calcium		100	17
Chromium		2	0.174
Cobalt		2	0.148
Copper		2	0.22
Iron		60	20.2
Lead		0.6	0.2
Magnesium		100	10.2
Manganese		4	0.403
Nickel		2	0.194
Potassium		100	11.2
Selenium		1.25	0.118
Silver		1	0.089
Sodium		100	15.6
Thallium		0.4	0.041
Vanadium		2	0.206
Zinc		8	2.29

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233141-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS4

Method: 6020B XMDL Date: 07/09/2020 16:13

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	26
Antimony		10	1.46
Arsenic		10	1
Barium		20	1.45
Beryllium		4	0.57
Cadmium		10	1.13
Calcium		1000	170
Chromium		20	1.74
Cobalt		20	1.48
Copper		20	2.2
Iron		600	202
Lead		6	2
Magnesium		1000	102
Manganese		40	4.03
Nickel		20	1.94
Potassium		1000	112
Selenium		12.5	1.18
Silver		10	0.89
Sodium		1000	156
Thallium		4	0.41
Vanadium		20	2.06
Zinc		80	22.9

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233141-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN7

Method: 7471B MDL Date: 02/28/2020 10:38

Prep Method: 7471B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.017	0.004

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233141-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN7

Method: 7471B XMDL Date: 01/13/2020 12:26

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.091

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins TestAmerica, Edison Job No: 460-233141-1

SDG No.:

Instrument ID: ICPMS4 Date: 07/09/2020 16:09

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		200000	6020B
Antimony		200	6020B
Arsenic		5000	6020B
Barium		20000	6020B
Beryllium		2000	6020B
Cadmium		5000	6020B
Calcium		500000	6020B
Chromium		20000	6020B
Cobalt		2000	6020B
Copper		20000	6020B
Iron		500000	6020B
Lead		20000	6020B
Magnesium		500000	6020B
Manganese		10000	6020B
Nickel		20000	6020B
Potassium		500000	6020B
Selenium		2000	6020B
Silver		100	6020B
Sodium		500000	6020B
Thallium		1000	6020B
Vanadium		5000	6020B
Zinc		20000	6020B

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-775602/1-A	05/04/2021 04:20	775602	1.00		100
LCSSRM 460-775602/2-A ^5	05/04/2021 04:20	775602	1.00		100
460-233141-1	05/04/2021 04:20	775602	1.05		100
460-233141-2	05/04/2021 04:20	775602	1.06		100
460-233141-3	05/04/2021 04:20	775602	1.07		100
460-233141-4	05/04/2021 04:20	775602	1.06		100

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Prep Method: 7471B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-775408/1-A	05/03/2021 03:55	775408	0.60		50
LCSSRM 460-775408/2-A ^40	05/03/2021 03:55	775408	0.60		50
460-233141-1	05/03/2021 03:55	775408	0.60		50
460-233141-2	05/03/2021 03:55	775408	0.64		50
460-233141-3	05/03/2021 03:55	775408	0.62		50
460-233141-4	05/03/2021 03:55	775408	0.66		50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/04/2021 08:17 End Date: 05/04/2021 17:22

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
IC 460-775664/1	1		08:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-775664/2	1		08:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-775664/3	1		08:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-775664/4	1		08:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-775664/5	1		08:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IC 460-775664/6	1		08:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 460-775664/7	1		08:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-775664/8	1		08:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 460-775664/9			08:34																				
ICSA 460-775664/10	1		08:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-775664/11	1		08:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LRC 460-775664/12	1		08:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LRC 460-775664/13	1		08:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			08:45																				
ZZZZZZ			08:47																				
ZZZZZZ			08:49																				
ZZZZZZ			08:51																				
ZZZZZZ			08:54																				
CCV 460-775664/19	1		08:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-775664/20	1		08:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			09:11																				
MB 460-775602/1-A	1	T	09:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			09:15																				
ZZZZZZ			09:17																				
ZZZZZZ			09:20																				
ZZZZZZ			09:22																				
ZZZZZZ			09:24																				
ZZZZZZ			09:26																				
ZZZZZZ			09:28																				
LCSSRM 460-775602/2-A ^5	5	T	09:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-775664/31	1		09:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-775664/32	1		09:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			09:37																				
ZZZZZZ			09:39																				
ZZZZZZ			09:41																				
ZZZZZZ			09:44																				
ZZZZZZ			09:46																				
ZZZZZZ			09:48																				
ZZZZZZ			09:50																				
ZZZZZZ			09:52																				
ZZZZZZ			09:54																				

ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/04/2021 08:17 End Date: 05/04/2021 17:22

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			09:57																					
CCV 460-775664/43			09:59																					
CCB 460-775664/44			10:01																					
ZZZZZZ			10:03																					
ZZZZZZ			10:05																					
ZZZZZZ			10:07																					
ZZZZZZ			10:10																					
ZZZZZZ			10:12																					
ZZZZZZ			10:14																					
ZZZZZZ			10:16																					
ZZZZZZ			10:18																					
ZZZZZZ			10:21																					
CCV 460-775664/54			10:23																					
CCB 460-775664/55			10:25																					
ZZZZZZ			10:27																					
ZZZZZZ			10:29																					
ZZZZZZ			10:31																					
ZZZZZZ			10:34																					
ZZZZZZ			10:36																					
ZZZZZZ			10:38																					
ZZZZZZ			10:40																					
ZZZZZZ			10:42																					
ZZZZZZ			10:45																					
CCV 460-775664/65			10:47																					
CCB 460-775664/66			10:49																					
ZZZZZZ			10:51																					
ZZZZZZ			10:53																					
ZZZZZZ			10:55																					
ZZZZZZ			10:58																					
ZZZZZZ			11:00																					
ZZZZZZ			11:02																					
ZZZZZZ			11:04																					
ZZZZZZ			11:06																					
ZZZZZZ			11:08																					
ZZZZZZ			11:11																					
CCV 460-775664/77			11:13																					
CCB 460-775664/78			11:15																					
ZZZZZZ			11:17																					
ZZZZZZ			11:19																					
ZZZZZZ			11:22																					
ZZZZZZ			11:24																					
ZZZZZZ			11:26																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/04/2021 08:17 End Date: 05/04/2021 17:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			11:28																				
ZZZZZZ			11:30																				
ZZZZZZ			11:32																				
ZZZZZZ			11:35																				
ZZZZZZ			11:37																				
CCV 460-775664/89			11:39																				
CCB 460-775664/90			11:41																				
ZZZZZZ			11:43																				
ZZZZZZ			11:45																				
ZZZZZZ			11:48																				
ZZZZZZ			11:50																				
ZZZZZZ			11:52																				
ZZZZZZ			11:54																				
ZZZZZZ			11:56																				
ZZZZZZ			11:58																				
ZZZZZZ			12:01																				
CCV 460-775664/100			12:03																				
CCB 460-775664/101			12:05																				
ZZZZZZ			12:07																				
ZZZZZZ			12:09																				
ZZZZZZ			12:11																				
ZZZZZZ			12:14																				
ZZZZZZ			12:16																				
ZZZZZZ			12:18																				
ZZZZZZ			12:20																				
ZZZZZZ			12:22																				
ZZZZZZ			12:24																				
CCV 460-775664/111	1		12:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-775664/112	1		12:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:31																				
ZZZZZZ			12:33																				
ZZZZZZ			12:35																				
ZZZZZZ			12:37																				
ZZZZZZ			12:40																				
ZZZZZZ			12:42																				
460-233141-1	1	T	12:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-233141-2	1	T	12:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-233141-3	1	T	12:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-233141-4	1	T	12:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-775664/123	1		12:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-775664/124	1		12:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:57																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/04/2021 08:17 End Date: 05/04/2021 17:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			12:59																				
ZZZZZZ			13:01																				
ZZZZZZ			13:03																				
ZZZZZZ			13:06																				
ZZZZZZ			13:08																				
ZZZZZZ			13:10																				
ZZZZZZ			13:12																				
ZZZZZZ			13:14																				
ZZZZZZ			13:16																				
CCV 460-775664/135	1		13:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-775664/136	1		13:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			13:23																				
ZZZZZZ			13:25																				
ZZZZZZ			13:27																				
ZZZZZZ			13:29																				
ZZZZZZ			13:32																				
ZZZZZZ			13:34																				
ZZZZZZ			13:36																				
ZZZZZZ			13:38																				
ZZZZZZ			13:40																				
ZZZZZZ			13:42																				
CCV 460-775664/147			13:45																				
CCB 460-775664/148			13:47																				
ZZZZZZ			13:49																				
ZZZZZZ			13:51																				
ZZZZZZ			13:53																				
ZZZZZZ			13:55																				
ZZZZZZ			13:58																				
ZZZZZZ			14:00																				
ZZZZZZ			14:02																				
ZZZZZZ			14:04																				
ZZZZZZ			14:06																				
ZZZZZZ			14:08																				
CCV 460-775664/159			14:11																				
CCB 460-775664/160			14:13																				
ZZZZZZ			14:15																				
ZZZZZZ			14:17																				
ZZZZZZ			14:19																				
ZZZZZZ			14:27																				
ZZZZZZ			14:29																				
ZZZZZZ			14:31																				
ZZZZZZ			14:33																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/04/2021 08:17 End Date: 05/04/2021 17:22

Lab Sample ID	D / F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			14:36																				
ZZZZZZ			14:38																				
ZZZZZZ			14:40																				
CCV 460-775664/171			14:42																				
CCB 460-775664/172			14:44																				
ZZZZZZ			14:47																				
ZZZZZZ			14:49																				
ZZZZZZ			14:51																				
ZZZZZZ			14:53																				
ZZZZZZ			14:55																				
ZZZZZZ			14:57																				
ZZZZZZ			15:00																				
ZZZZZZ			15:02																				
ZZZZZZ			15:04																				
ZZZZZZ			15:06																				
CCV 460-775664/183			15:08																				
CCB 460-775664/184			15:11																				
ZZZZZZ			15:13																				
ZZZZZZ			15:15																				
ZZZZZZ			15:17																				
ZZZZZZ			15:19																				
ZZZZZZ			15:22																				
ZZZZZZ			15:24																				
ZZZZZZ			15:26																				
ZZZZZZ			15:28																				
ZZZZZZ			15:30																				
ZZZZZZ			15:32																				
CCV 460-775664/195			15:35																				
CCB 460-775664/196			15:37																				
ZZZZZZ			15:39																				
ZZZZZZ			15:41																				
ZZZZZZ			15:43																				
ZZZZZZ			15:45																				
ZZZZZZ			15:48																				
ZZZZZZ			15:50																				
ZZZZZZ			15:52																				
ZZZZZZ			15:54																				
ZZZZZZ			15:56																				
ZZZZZZ			15:59																				
CCV 460-775664/207			16:01																				
CCB 460-775664/208			16:03																				
ZZZZZZ			16:05																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/04/2021 08:17 End Date: 05/04/2021 17:22

Lab Sample ID	D / F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			16:07																					
ZZZZZZ			16:10																					
ZZZZZZ			16:12																					
ZZZZZZ			16:14																					
ZZZZZZ			16:16																					
ZZZZZZ			16:18																					
ZZZZZZ			16:20																					
ZZZZZZ			16:23																					
ZZZZZZ			16:25																					
CCV 460-775664/219			16:27																					
CCB 460-775664/220			16:29																					
ZZZZZZ			16:31																					
ZZZZZZ			16:34																					
ZZZZZZ			16:36																					
ZZZZZZ			16:38																					
ZZZZZZ			16:40																					
ZZZZZZ			16:42																					
ZZZZZZ			16:44																					
ZZZZZZ			16:47																					
ZZZZZZ			16:49																					
ZZZZZZ			16:51																					
CCV 460-775664/231			16:53																					
CCB 460-775664/232			16:55																					
ZZZZZZ			16:58																					
ZZZZZZ			17:00																					
ZZZZZZ			17:02																					
ZZZZZZ			17:04																					
ZZZZZZ			17:06																					
ZZZZZZ			17:09																					
ZZZZZZ			17:11																					
ZZZZZZ			17:13																					
ZZZZZZ			17:15																					
ZZZZZZ			17:17																					
CCV 460-775664/243			17:19																					
CCB 460-775664/244			17:22																					

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/04/2021 08:17 End Date: 05/04/2021 17:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
IC 460-775664/1	1		08:17	X	X																		
IC 460-775664/2	1		08:19	X	X																		
IC 460-775664/3	1		08:21	X	X																		
IC 460-775664/4	1		08:23	X	X																		
IC 460-775664/5	1		08:25	X	X																		
IC 460-775664/6	1		08:28	X	X																		
ICV 460-775664/7	1		08:30	X	X																		
ICB 460-775664/8	1		08:32	X	X																		
CRI 460-775664/9			08:34																				
ICSA 460-775664/10	1		08:36	X	X																		
ICSAB 460-775664/11	1		08:38	X	X																		
LRC 460-775664/12	1		08:41	X	X																		
LRC 460-775664/13	1		08:43	X	X																		
ZZZZZZ			08:45																				
ZZZZZZ			08:47																				
ZZZZZZ			08:49																				
ZZZZZZ			08:51																				
ZZZZZZ			08:54																				
CCV 460-775664/19	1		08:56	X	X																		
CCB 460-775664/20	1		08:58	X	X																		
ZZZZZZ			09:11																				
MB 460-775602/1-A	1	T	09:13	X	X																		
ZZZZZZ			09:15																				
ZZZZZZ			09:17																				
ZZZZZZ			09:20																				
ZZZZZZ			09:22																				
ZZZZZZ			09:24																				
ZZZZZZ			09:26																				
ZZZZZZ			09:28																				
LCSSRM 460-775602/2-A ^5	5	T	09:31	X	X																		
CCV 460-775664/31	1		09:33	X	X																		
CCB 460-775664/32	1		09:35	X	X																		
ZZZZZZ			09:37																				
ZZZZZZ			09:39																				
ZZZZZZ			09:41																				
ZZZZZZ			09:44																				
ZZZZZZ			09:46																				
ZZZZZZ			09:48																				
ZZZZZZ			09:50																				
ZZZZZZ			09:52																				
ZZZZZZ			09:54																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/04/2021 08:17 End Date: 05/04/2021 17:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			09:57																				
CCV 460-775664/43			09:59																				
CCB 460-775664/44			10:01																				
ZZZZZZ			10:03																				
ZZZZZZ			10:05																				
ZZZZZZ			10:07																				
ZZZZZZ			10:10																				
ZZZZZZ			10:12																				
ZZZZZZ			10:14																				
ZZZZZZ			10:16																				
ZZZZZZ			10:18																				
ZZZZZZ			10:21																				
CCV 460-775664/54			10:23																				
CCB 460-775664/55			10:25																				
ZZZZZZ			10:27																				
ZZZZZZ			10:29																				
ZZZZZZ			10:31																				
ZZZZZZ			10:34																				
ZZZZZZ			10:36																				
ZZZZZZ			10:38																				
ZZZZZZ			10:40																				
ZZZZZZ			10:42																				
ZZZZZZ			10:45																				
CCV 460-775664/65			10:47																				
CCB 460-775664/66			10:49																				
ZZZZZZ			10:51																				
ZZZZZZ			10:53																				
ZZZZZZ			10:55																				
ZZZZZZ			10:58																				
ZZZZZZ			11:00																				
ZZZZZZ			11:02																				
ZZZZZZ			11:04																				
ZZZZZZ			11:06																				
ZZZZZZ			11:08																				
ZZZZZZ			11:11																				
CCV 460-775664/77			11:13																				
CCB 460-775664/78			11:15																				
ZZZZZZ			11:17																				
ZZZZZZ			11:19																				
ZZZZZZ			11:22																				
ZZZZZZ			11:24																				
ZZZZZZ			11:26																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/04/2021 08:17 End Date: 05/04/2021 17:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			11:28																				
ZZZZZZ			11:30																				
ZZZZZZ			11:32																				
ZZZZZZ			11:35																				
ZZZZZZ			11:37																				
CCV 460-775664/89			11:39																				
CCB 460-775664/90			11:41																				
ZZZZZZ			11:43																				
ZZZZZZ			11:45																				
ZZZZZZ			11:48																				
ZZZZZZ			11:50																				
ZZZZZZ			11:52																				
ZZZZZZ			11:54																				
ZZZZZZ			11:56																				
ZZZZZZ			11:58																				
ZZZZZZ			12:01																				
CCV 460-775664/100			12:03																				
CCB 460-775664/101			12:05																				
ZZZZZZ			12:07																				
ZZZZZZ			12:09																				
ZZZZZZ			12:11																				
ZZZZZZ			12:14																				
ZZZZZZ			12:16																				
ZZZZZZ			12:18																				
ZZZZZZ			12:20																				
ZZZZZZ			12:22																				
ZZZZZZ			12:24																				
CCV 460-775664/111	1		12:27	X	X																		
CCB 460-775664/112	1		12:29	X	X																		
ZZZZZZ			12:31																				
ZZZZZZ			12:33																				
ZZZZZZ			12:35																				
ZZZZZZ			12:37																				
ZZZZZZ			12:40																				
ZZZZZZ			12:42																				
460-233141-1	1	T	12:44	X	X																		
460-233141-2	1	T	12:46	X	X																		
460-233141-3	1	T	12:48	X	X																		
460-233141-4	1	T	12:50	X	X																		
CCV 460-775664/123	1		12:53	X	X																		
CCB 460-775664/124	1		12:55	X	X																		
ZZZZZZ			12:57																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/04/2021 08:17 End Date: 05/04/2021 17:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			12:59																				
ZZZZZZ			13:01																				
ZZZZZZ			13:03																				
ZZZZZZ			13:06																				
ZZZZZZ			13:08																				
ZZZZZZ			13:10																				
ZZZZZZ			13:12																				
ZZZZZZ			13:14																				
ZZZZZZ			13:16																				
CCV 460-775664/135	1		13:19	X	X																		
CCB 460-775664/136	1		13:21	X	X																		
ZZZZZZ			13:23																				
ZZZZZZ			13:25																				
ZZZZZZ			13:27																				
ZZZZZZ			13:29																				
ZZZZZZ			13:32																				
ZZZZZZ			13:34																				
ZZZZZZ			13:36																				
ZZZZZZ			13:38																				
ZZZZZZ			13:40																				
ZZZZZZ			13:42																				
CCV 460-775664/147			13:45																				
CCB 460-775664/148			13:47																				
ZZZZZZ			13:49																				
ZZZZZZ			13:51																				
ZZZZZZ			13:53																				
ZZZZZZ			13:55																				
ZZZZZZ			13:58																				
ZZZZZZ			14:00																				
ZZZZZZ			14:02																				
ZZZZZZ			14:04																				
ZZZZZZ			14:06																				
ZZZZZZ			14:08																				
CCV 460-775664/159			14:11																				
CCB 460-775664/160			14:13																				
ZZZZZZ			14:15																				
ZZZZZZ			14:17																				
ZZZZZZ			14:19																				
ZZZZZZ			14:27																				
ZZZZZZ			14:29																				
ZZZZZZ			14:31																				
ZZZZZZ			14:33																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/04/2021 08:17 End Date: 05/04/2021 17:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			14:36																				
ZZZZZZ			14:38																				
ZZZZZZ			14:40																				
CCV 460-775664/171			14:42																				
CCB 460-775664/172			14:44																				
ZZZZZZ			14:47																				
ZZZZZZ			14:49																				
ZZZZZZ			14:51																				
ZZZZZZ			14:53																				
ZZZZZZ			14:55																				
ZZZZZZ			14:57																				
ZZZZZZ			15:00																				
ZZZZZZ			15:02																				
ZZZZZZ			15:04																				
ZZZZZZ			15:06																				
CCV 460-775664/183			15:08																				
CCB 460-775664/184			15:11																				
ZZZZZZ			15:13																				
ZZZZZZ			15:15																				
ZZZZZZ			15:17																				
ZZZZZZ			15:19																				
ZZZZZZ			15:22																				
ZZZZZZ			15:24																				
ZZZZZZ			15:26																				
ZZZZZZ			15:28																				
ZZZZZZ			15:30																				
ZZZZZZ			15:32																				
CCV 460-775664/195			15:35																				
CCB 460-775664/196			15:37																				
ZZZZZZ			15:39																				
ZZZZZZ			15:41																				
ZZZZZZ			15:43																				
ZZZZZZ			15:45																				
ZZZZZZ			15:48																				
ZZZZZZ			15:50																				
ZZZZZZ			15:52																				
ZZZZZZ			15:54																				
ZZZZZZ			15:56																				
ZZZZZZ			15:59																				
CCV 460-775664/207			16:01																				
CCB 460-775664/208			16:03																				
ZZZZZZ			16:05																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 05/04/2021 08:17 End Date: 05/04/2021 17:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			16:07																				
ZZZZZZ			16:10																				
ZZZZZZ			16:12																				
ZZZZZZ			16:14																				
ZZZZZZ			16:16																				
ZZZZZZ			16:18																				
ZZZZZZ			16:20																				
ZZZZZZ			16:23																				
ZZZZZZ			16:25																				
CCV 460-775664/219			16:27																				
CCB 460-775664/220			16:29																				
ZZZZZZ			16:31																				
ZZZZZZ			16:34																				
ZZZZZZ			16:36																				
ZZZZZZ			16:38																				
ZZZZZZ			16:40																				
ZZZZZZ			16:42																				
ZZZZZZ			16:44																				
ZZZZZZ			16:47																				
ZZZZZZ			16:49																				
ZZZZZZ			16:51																				
CCV 460-775664/231			16:53																				
CCB 460-775664/232			16:55																				
ZZZZZZ			16:58																				
ZZZZZZ			17:00																				
ZZZZZZ			17:02																				
ZZZZZZ			17:04																				
ZZZZZZ			17:06																				
ZZZZZZ			17:09																				
ZZZZZZ			17:11																				
ZZZZZZ			17:13																				
ZZZZZZ			17:15																				
ZZZZZZ			17:17																				
CCV 460-775664/243			17:19																				
CCB 460-775664/244			17:22																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: LEEMAN7 Method: 7471B

Start Date: 05/03/2021 07:02 End Date: 05/03/2021 10:43

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ICIS 460-775452/1			07:02	X																			
IC 460-775406/2-A			07:04	X																			
IC 460-775406/3-A			07:06	X																			
IC 460-775406/4-A			07:08	X																			
IC 460-775406/5-A			07:09	X																			
IC 460-775406/6-A			07:11	X																			
ICV 460-775452/7	1		07:13	X																			
ICB 460-775452/8	1		07:15	X																			
CCV 460-775452/9			07:17																				
CCB 460-775452/10			07:19																				
ZZZZZZ			07:21																				
ZZZZZZ			07:23																				
ZZZZZZ			07:25																				
ZZZZZZ			07:27																				
ZZZZZZ			07:29																				
ZZZZZZ			07:31																				
ZZZZZZ			07:33																				
ZZZZZZ			07:35																				
ZZZZZZ			07:37																				
ZZZZZZ			07:39																				
CCV 460-775452/21			07:41																				
CCB 460-775452/22			07:43																				
ZZZZZZ			07:45																				
ZZZZZZ			07:47																				
ZZZZZZ			07:49																				
ZZZZZZ			07:50																				
ZZZZZZ			07:52																				
ZZZZZZ			07:54																				
ZZZZZZ			07:56																				
ZZZZZZ			07:58																				
ZZZZZZ			08:00																				
ZZZZZZ			08:02																				
CCV 460-775452/33	1		08:04	X																			
CCB 460-775452/34	1		08:06	X																			
ZZZZZZ			08:08																				
ZZZZZZ			08:10																				
ZZZZZZ			08:12																				
ZZZZZZ			08:14																				
ZZZZZZ			08:16																				
MB 460-775408/1-A	1	T	08:18	X																			
LCSSRM 460-775408/2-A ^40	40	T	08:20	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: LEEMAN7 Method: 7471B

Start Date: 05/03/2021 07:02 End Date: 05/03/2021 10:43

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			08:22																				
ZZZZZZ			08:24																				
ZZZZZZ			08:26																				
CCV 460-775452/45	1		08:28	X																			
CCB 460-775452/46	1		08:29	X																			
ZZZZZZ			08:31																				
ZZZZZZ			08:33																				
ZZZZZZ			08:35																				
ZZZZZZ			08:37																				
ZZZZZZ			08:39																				
ZZZZZZ			08:41																				
ZZZZZZ			08:43																				
ZZZZZZ			08:45																				
460-233141-1	1	T	08:47	X																			
460-233141-2	1	T	08:49	X																			
CCV 460-775452/57	1		08:51	X																			
CCB 460-775452/58	1		08:53	X																			
460-233141-3	1	T	08:55	X																			
460-233141-4	1	T	08:57	X																			
ZZZZZZ			08:59																				
ZZZZZZ			09:01																				
ZZZZZZ			09:02																				
ZZZZZZ			09:04																				
ZZZZZZ			09:06																				
ZZZZZZ			09:08																				
ZZZZZZ			09:10																				
ZZZZZZ			09:12																				
CCV 460-775452/69	1		09:14	X																			
CCB 460-775452/70	1		09:16	X																			
ZZZZZZ			09:18																				
ZZZZZZ			09:20																				
ZZZZZZ			09:22																				
ZZZZZZ			09:24																				
ZZZZZZ			09:26																				
ZZZZZZ			09:28																				
ZZZZZZ			09:30																				
ZZZZZZ			09:32																				
ZZZZZZ			09:34																				
ZZZZZZ			09:36																				
CCV 460-775452/81			09:38																				
CCB 460-775452/82			09:40																				
ZZZZZZ			09:42																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: LEEMAN7 Method: 7471B

Start Date: 05/03/2021 07:02 End Date: 05/03/2021 10:43

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			09:44																				
ZZZZZZ			09:46																				
ZZZZZZ			09:47																				
ZZZZZZ			09:49																				
ZZZZZZ			09:51																				
ZZZZZZ			09:53																				
ZZZZZZ			09:55																				
ZZZZZZ			09:57																				
ZZZZZZ			09:59																				
CCV 460-775452/93			10:01																				
CCB 460-775452/94			10:03																				
ZZZZZZ			10:05																				
ZZZZZZ			10:07																				
ZZZZZZ			10:09																				
ZZZZZZ			10:11																				
ZZZZZZ			10:13																				
ZZZZZZ			10:15																				
ZZZZZZ			10:17																				
ZZZZZZ			10:19																				
ZZZZZZ			10:20																				
ZZZZZZ			10:22																				
CCV 460-775452/105			10:24																				
CCB 460-775452/106			10:26																				
ZZZZZZ			10:28																				
ZZZZZZ			10:30																				
ZZZZZZ			10:32																				
ZZZZZZ			10:34																				
ZZZZZZ			10:36																				
ZZZZZZ			10:38																				
ZZZZZZ			10:39																				
CCV 460-775452/114			10:41																				
CCB 460-775452/115			10:43																				

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.: Analysis Batch No.: 775664

ICP-MS Instrument ID: ICPMS4 Start Date: 05/04/2021 End Date: 05/04/2021

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q	Element Ge/3	Q
IC 460-775664/1	08:17	100		100		100		100		100	
IC 460-775664/2	08:19	98		100		102		101		102	
IC 460-775664/3	08:21	101		102		100		103		100	
IC 460-775664/4	08:23	100		107		100		107		102	
IC 460-775664/5	08:25	104		107		102		108		103	
IC 460-775664/6	08:28	102		103		102		111		105	
ICV 460-775664/7	08:30	105		107		102		112		106	
ICB 460-775664/8	08:32	110		106		105		108		105	
ICSA 460-775664/10	08:36	101		105		101		112		109	
ICSAB 460-775664/11	08:38	104		104		101		110		109	
LRC 460-775664/12	08:41	107		101		96		105		95	
LRC 460-775664/13	08:43	95		95		92		97		96	
CCV 460-775664/19	08:56	112		104		100		103		101	
CCB 460-775664/20	08:58	114		103		100		101		99	
MB 460-775602/1-A	09:13	111		103		100		101		99	
LCSSRM 460-775602/2-A ^5	09:31	114		101		103		113		108	
CCV 460-775664/31	09:33	115		102		100		110		104	
CCB 460-775664/32	09:35	116		108		106		107		102	
CCV 460-775664/111	12:27	121		107		104		107		108	
CCB 460-775664/112	12:29	117		109		105		105		103	
460-233141-1	12:44	102		94		92		93		93	
460-233141-2	12:46	110		97		95		97		95	
460-233141-3	12:48	109		99		98		103		106	
460-233141-4	12:50	114		109		103		107		106	
CCV 460-775664/123	12:53	117		105		99		97		98	
CCB 460-775664/124	12:55	115		105		101		99		97	
CCV 460-775664/135	13:19	119		106		103		105		103	
CCB 460-775664/136	13:21	117		106		103		101		100	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.: Analysis Batch No.: 775664

ICP-MS Instrument ID: ICPMS4 Start Date: 05/04/2021 End Date: 05/04/2021

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q	Element	Q
IC 460-775664/1	08:17	100		100		100					
IC 460-775664/2	08:19	100		101		100					
IC 460-775664/3	08:21	97		99		99					
IC 460-775664/4	08:23	98		100		98					
IC 460-775664/5	08:25	98		101		98					
IC 460-775664/6	08:28	98		101		96					
ICV 460-775664/7	08:30	100		102		99					
ICB 460-775664/8	08:32	104		102		102					
ICSA 460-775664/10	08:36	95		98		93					
ICSAB 460-775664/11	08:38	95		99		93					
LRC 460-775664/12	08:41	93		97		95					
LRC 460-775664/13	08:43	87		93		86					
CCV 460-775664/19	08:56	97		99		96					
CCB 460-775664/20	08:58	99		100		99					
MB 460-775602/1-A	09:13	99		100		99					
LCSSRM 460-775602/2-A ^5	09:31	98		102		100					
CCV 460-775664/31	09:33	100		102		99					
CCB 460-775664/32	09:35	102		103		101					
CCV 460-775664/111	12:27	101		103		99					
CCB 460-775664/112	12:29	104		102		102					
460-233141-1	12:44	85		90		88					
460-233141-2	12:46	88		95		92					
460-233141-3	12:48	92		99		99					
460-233141-4	12:50	97		101		96					
CCV 460-775664/123	12:53	96		99		97					
CCB 460-775664/124	12:55	98		99		99					
CCV 460-775664/135	13:19	99		100		99					
CCB 460-775664/136	13:21	100		101		101					

Sample Report

File Name 001SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:10:38

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas		ug/l		2000	
B	11	6	No Gas		ug/l		500	
Na	23	45	He		ug/l		500000	
Mg	24	45	He		ug/l		500000	
Al	27	45	He		ug/l		200000	
K	39	45	He		ug/l		500000	
Ca	40	45	H2		ug/l		500000	
Ti	47	45	He		ug/l		5000	
V	51	45	He		ug/l		5000	
Cr	52	45	He		ug/l		20000	
Mn	55	45	He		ug/l		10000	
Fe	56	45	H2		ug/l		500000	
Co	59	45	He		ug/l		2000	
Ni	60	45	He		ug/l		20000	
Cu	63	45	He		ug/l		20000	
Zn	66	45	He		ug/l		20000	
As	75	45	He		ug/l		5000	
Se	78	45	H2		ug/l		2000	
Sr	88	115	He		ug/l		5000	
Mo	95	115	He		ug/l		2000	
Ag	107	115	He		ug/l		100	
Cd	111	115	He		ug/l		5000	
Sn	118	115	He		ug/l		200	
Sb	121	115	He		ug/l		200	
Ba	135	159	He		ug/l		20000	
Tl	205	209	He		ug/l		1000	
[Pb]	206	209	He		ug/l			
[Pb]	207	209	He		ug/l			
Pb	208	209	He		ug/l		20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1841357.39	0.9		60	125	
Sc (ISICPMS)	45	H2	976263.74	2.8		60	125	
Sc (ISICPMS)	45	He	38124.37	1.2		60	125	
Ge (IS)	74	H2	166854.96	0.5		60	125	
Ge (IS)	74	He	21499.06	1.3		60	125	
Kr	83	He	6.67	173.2				
In-1	115	He	58133.73	1.6		60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	351322.38	0.7		60	125	
Bi (IS)	209	He	310560.17	1.4		60	125	

Sample Report

File Name 002SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:12:51

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas		ug/l		2000	
B	11	6	No Gas		ug/l		500	
Na	23	45	He		ug/l		500000	
Mg	24	45	He		ug/l		500000	
Al	27	45	He		ug/l		200000	
K	39	45	He		ug/l		500000	
Ca	40	45	H2		ug/l		500000	
Ti	47	45	He		ug/l		5000	
V	51	45	He		ug/l		5000	
Cr	52	45	He		ug/l		20000	
Mn	55	45	He		ug/l		10000	
Fe	56	45	H2		ug/l		500000	
Co	59	45	He		ug/l		2000	
Ni	60	45	He		ug/l		20000	
Cu	63	45	He		ug/l		20000	
Zn	66	45	He		ug/l		20000	
As	75	45	He		ug/l		5000	
Se	78	45	H2		ug/l		2000	
Sr	88	115	He		ug/l		5000	
Mo	95	115	He		ug/l		2000	
Ag	107	115	He		ug/l		100	
Cd	111	115	He		ug/l		5000	
Sn	118	115	He		ug/l		200	
Sb	121	115	He		ug/l		200	
Ba	135	159	He		ug/l		20000	
Tl	205	209	He		ug/l		1000	
[Pb]	206	209	He		ug/l			
[Pb]	207	209	He		ug/l			
Pb	208	209	He		ug/l		20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1726190.84	1.1		60	125	
Sc (ISICPMS)	45	H2	982968.80	3.8		60	125	
Sc (ISICPMS)	45	He	37725.64	0.8		60	125	
Ge (IS)	74	H2	173768.33	1.0		60	125	
Ge (IS)	74	He	22304.59	1.4		60	125	
Kr	83	He	13.35	43.3				
In-1	115	He	58322.10	1.3		60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	350921.44	1.5		60	125	
Bi (IS)	209	He	313043.27	0.7		60	125	

Sample Report

File Name 003SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:15:03

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas		ug/l		2000	
B	11	6	No Gas		ug/l		500	
Na	23	45	He		ug/l		500000	
Mg	24	45	He		ug/l		500000	
Al	27	45	He		ug/l		200000	
K	39	45	He		ug/l		500000	
Ca	40	45	H2		ug/l		500000	
Ti	47	45	He		ug/l		5000	
V	51	45	He		ug/l		5000	
Cr	52	45	He		ug/l		20000	
Mn	55	45	He		ug/l		10000	
Fe	56	45	H2		ug/l		500000	
Co	59	45	He		ug/l		2000	
Ni	60	45	He		ug/l		20000	
Cu	63	45	He		ug/l		20000	
Zn	66	45	He		ug/l		20000	
As	75	45	He		ug/l		5000	
Se	78	45	H2		ug/l		2000	
Sr	88	115	He		ug/l		5000	
Mo	95	115	He		ug/l		2000	
Ag	107	115	He		ug/l		100	
Cd	111	115	He		ug/l		5000	
Sn	118	115	He		ug/l		200	
Sb	121	115	He		ug/l		200	
Ba	135	159	He		ug/l		20000	
Tl	205	209	He		ug/l		1000	
[Pb]	206	209	He		ug/l			
[Pb]	207	209	He		ug/l			
Pb	208	209	He		ug/l		20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1679751.99	2.1		60	125	
Sc (ISICPMS)	45	H2	1015636.88	3.3		60	125	
Sc (ISICPMS)	45	He	38783.78	0.3		60	125	
Ge (IS)	74	H2	183152.08	0.7		60	125	
Ge (IS)	74	He	22585.09	0.8		60	125	
Kr	83	He	20.02	50.0				
In-1	115	He	58588.53	1.4		60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	359475.61	1.0		60	125	
Bi (IS)	209	He	319839.74	1.2		60	125	

Calibration Blank

File Name 004CALB.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:17:14

Sample Name **IC CAL-Blk**

Comment ---

Dilution 1.0000

Full Quant Table 1101

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	26.67	37.5
B	11	6	No Gas	1772.35	1.0
Na	23	45	He	35660.86	0.7
Mg	24	45	He	46.67	24.7
Al	27	45	He	22.78	8.4
K	39	45	He	2929.22	2.2
Ca	40	45	H2	14476.55	1.3
Ti	47	45	He	0.56	173.2
V	51	45	He	306.67	9.8
Cr	52	45	He	1086.71	4.3
Mn	55	45	He	67.78	23.2
Fe	56	45	H2	14359.82	0.6
Co	59	45	He	32.22	21.5
Ni	60	45	He	108.89	10.7
Cu	63	45	He	352.23	7.6
Zn	66	45	He	81.11	28.9
As	75	45	He	13.33	0.0
Se	78	45	H2	7.78	24.7
Sr	88	115	He	7.78	49.5
Mo	95	115	He	0.00	N/A
Ag	107	115	He	43.33	20.3
Cd	111	115	He	0.00	N/A
Sn	118	115	He	191.11	16.2
Sb	121	115	He	10.00	28.9
Ba	135	159	He	5.56	34.7
Tl	205	209	He	244.45	12.7
[Pb]	206	209	He	92.22	20.9
[Pb]	207	209	He	87.78	20.9
Pb	208	209	He	377.78	12.0

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %
Li (IS)	6	No Gas	1687844.51	0.3	100.0
Sc (ISICPMS)	45	H2	1001001.84	2.0	100.0
Sc (ISICPMS)	45	He	38015.05	0.9	100.0
Ge (IS)	74	H2	176530.54	1.0	100.0
Ge (IS)	74	He	22551.82	0.5	100.0
Kr	83	He	6.67	173.2	100.0
In-1	115	He	59103.37	0.4	100.0

Calibration Blank

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %
Tb (IS)	159	He	356652.75	1.7	100.0
Bi (IS)	209	He	318264.03	0.6	100.0

Calibration Standard

File Name 005CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:19:26

Sample Name **IC CAL1 8858131**

Comment ---

Dilution 1.0000

Vial # 1102

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	672.24	8.7
B	11	6	No Gas	37641.16	2.6
Na	23	45	He	43870.79	0.5
Mg	24	45	He	4089.51	4.8
Al	27	45	He	221.11	12.3
K	39	45	He	4427.41	3.6
Ca	40	45	H2	126419.31	2.5
Ti	47	45	He	14.44	54.5
V	51	45	He	1247.84	3.8
Cr	52	45	He	2459.13	1.5
Mn	55	45	He	946.71	6.0
Fe	56	45	H2	203208.36	1.6
Co	59	45	He	3002.58	4.7
Ni	60	45	He	1056.71	6.2
Cu	63	45	He	3045.92	2.1
Zn	66	45	He	1145.61	3.8
As	75	45	He	83.89	5.7
Se	78	45	H2	140.00	7.1
Sr	88	115	He	393.34	11.2
Mo	95	115	He	957.82	5.6
Ag	107	115	He	2097.96	4.2
Cd	111	115	He	178.89	19.9
Sn	118	115	He	2559.16	3.1
Sb	121	115	He	422.23	3.3
Ba	135	159	He	106.66	10.8
Tl	205	209	He	2110.20	3.0
[Pb]	206	209	He	867.82	4.2
[Pb]	207	209	He	786.70	6.4
Pb	208	209	He	3764.75	4.0

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1657159.98	3.9	98.2	60	125	
Sc (ISICPMS)	45	H2	1002127.62	1.3	100.1	60	125	
Sc (ISICPMS)	45	He	38584.40	0.8	101.5	60	125	
Ge (IS)	74	H2	178781.38	0.5	101.3	60	125	
Ge (IS)	74	He	22886.08	1.2	101.5	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	59067.40	1.6	99.9	60	125	
Tb (IS)	159	He	360853.25	0.2	101.2	60	125	
Bi (IS)	209	He	317131.57	1.2	99.6	60	125	

Calibration Standard

File Name 006CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:21:38

Sample Name **IC CAL2 8858133**

Comment ---

Dilution 1.0000

Vial # 1103

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	3067.03	3.6
B	11	6	No Gas	173679.30	1.7
Na	23	45	He	76724.06	0.9
Mg	24	45	He	19391.39	2.3
Al	27	45	He	845.03	1.0
K	39	45	He	10697.52	2.8
Ca	40	45	H2	565100.88	4.4
Ti	47	45	He	90.56	16.6
V	51	45	He	4884.24	2.2
Cr	52	45	He	8126.93	0.5
Mn	55	45	He	4234.03	4.6
Fe	56	45	H2	958036.66	2.3
Co	59	45	He	14445.58	1.3
Ni	60	45	He	4487.45	4.2
Cu	63	45	He	13759.27	1.2
Zn	66	45	He	5535.62	1.8
As	75	45	He	387.79	1.6
Se	78	45	H2	660.02	14.5
Sr	88	115	He	1770.13	0.9
Mo	95	115	He	4696.42	1.2
Ag	107	115	He	10146.19	0.9
Cd	111	115	He	957.82	5.2
Sn	118	115	He	11648.57	1.6
Sb	121	115	He	2004.05	2.3
Ba	135	159	He	546.68	12.2
Tl	205	209	He	9202.36	1.9
[Pb]	206	209	He	3978.45	3.9
[Pb]	207	209	He	3472.74	2.8
Pb	208	209	He	16278.83	0.1

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1701557.09	1.7	100.8	60	125	
Sc (ISICPMS)	45	H2	1022926.57	1.4	102.2	60	125	
Sc (ISICPMS)	45	He	38157.68	2.9	100.4	60	125	
Ge (IS)	74	H2	181887.05	2.7	103.0	60	125	
Ge (IS)	74	He	22601.89	1.6	100.2	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	57540.54	1.6	97.4	60	125	
Tb (IS)	159	He	353299.33	0.4	99.1	60	125	
Bi (IS)	209	He	313524.35	0.8	98.5	60	125	

Calibration Standard

File Name 007CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:23:49

Sample Name **IC CAL3 8858135**

Comment ---

Dilution 1.0000

Vial # 1104

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	33923.63	1.4
B	11	6	No Gas	61423.04	1.5
Na	23	45	He	548982.47	0.2
Mg	24	45	He	244430.42	0.1
Al	27	45	He	52836.97	0.9
K	39	45	He	95689.44	0.5
Ca	40	45	H2	6684868.44	1.1
Ti	47	45	He	212.78	11.9
V	51	45	He	11780.72	1.4
Cr	52	45	He	18323.49	1.0
Mn	55	45	He	5424.46	2.7
Fe	56	45	H2	19290325.96	5.1
Co	59	45	He	35564.45	0.9
Ni	60	45	He	10684.28	2.9
Cu	63	45	He	32761.97	1.5
Zn	66	45	He	9019.75	1.4
As	75	45	He	1837.91	3.1
Se	78	45	H2	2832.55	7.5
Sr	88	115	He	4417.43	6.3
Mo	95	115	He	11588.49	0.6
Ag	107	115	He	25656.19	0.9
Cd	111	115	He	4868.71	1.4
Sn	118	115	He	7407.72	3.0
Sb	121	115	He	10195.66	0.7
Ba	135	159	He	1288.96	6.0
Tl	205	209	He	112916.18	0.6
[Pb]	206	209	He	34936.92	0.3
[Pb]	207	209	He	31570.23	1.7
Pb	208	209	He	143830.50	0.4

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1687142.63	2.4	100.0	60	125	
Sc (ISICPMS)	45	H2	1068076.54	3.3	106.7	60	125	
Sc (ISICPMS)	45	He	37992.86	0.6	99.9	60	125	
Ge (IS)	74	H2	189612.08	2.5	107.4	60	125	
Ge (IS)	74	He	22912.75	2.1	101.6	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	57861.55	1.8	97.9	60	125	
Tb (IS)	159	He	355699.01	1.3	99.7	60	125	
Bi (IS)	209	He	312119.33	1.1	98.1	60	125	

Calibration Standard

File Name 008CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:25:59

Sample Name **IC CAL4 8858137**

Comment ---

Dilution 1.0000

Vial # 1105

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	70580.60	4.1
B	11	6	No Gas	118141.28	2.6
Na	23	45	He	1036860.95	1.0
Mg	24	45	He	483469.37	0.9
Al	27	45	He	106131.85	2.0
K	39	45	He	186756.47	0.7
Ca	40	45	H2	13855386.46	4.3
Ti	47	45	He	442.79	4.4
V	51	45	He	23261.06	1.4
Cr	52	45	He	35333.64	0.8
Mn	55	45	He	10751.02	1.6
Fe	56	45	H2	37892745.27	4.5
Co	59	45	He	71110.15	0.2
Ni	60	45	He	21491.61	0.3
Cu	63	45	He	63369.04	1.7
Zn	66	45	He	17866.36	1.6
As	75	45	He	3662.73	0.9
Se	78	45	H2	5896.89	2.9
Sr	88	115	He	8556.13	1.4
Mo	95	115	He	23329.51	1.9
Ag	107	115	He	50554.39	1.2
Cd	111	115	He	9421.20	2.1
Sn	118	115	He	14609.34	2.4
Sb	121	115	He	20129.93	0.9
Ba	135	159	He	2718.09	3.4
Tl	205	209	He	221288.52	1.3
[Pb]	206	209	He	69005.65	2.5
[Pb]	207	209	He	62823.08	0.2
Pb	208	209	He	283188.89	1.4

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1750941.57	1.5	103.7	60	125	
Sc (ISICPMS)	45	H2	1067455.19	5.0	106.6	60	125	
Sc (ISICPMS)	45	He	38909.80	0.3	102.4	60	125	
Ge (IS)	74	H2	190023.39	2.2	107.6	60	125	
Ge (IS)	74	He	23156.83	0.9	102.7	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Kr	83	He	20.02	50.0	300.0			
In-1	115	He	58028.55	1.1	98.2	60	125	
Tb (IS)	159	He	361109.22	1.0	101.2	60	125	
Bi (IS)	209	He	313308.97	0.9	98.4	60	125	

Calibration Standard

File Name 009CALS.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:28:08

Sample Name **IC CAL5 8858139**

Comment ---

Dilution 1.0000

Vial # 1106

FullQuant Table

Element	Mass	ISTD	Tune Mode	CPS	CPS RSD
Be	9	6	No Gas	143916.23	0.1
B	11	6	No Gas	236183.10	2.9
Na	23	45	He	1992284.73	2.7
Mg	24	45	He	946173.80	1.4
Al	27	45	He	212984.84	0.5
K	39	45	He	373775.67	0.9
Ca	40	45	H2	26495556.55	3.3
Ti	47	45	He	871.70	6.4
V	51	45	He	46902.89	1.5
Cr	52	45	He	70498.61	0.3
Mn	55	45	He	20923.99	2.1
Fe	56	45	H2	75602603.87	2.0
Co	59	45	He	141366.40	0.4
Ni	60	45	He	42553.63	1.7
Cu	63	45	He	125505.28	1.4
Zn	66	45	He	34862.73	2.8
As	75	45	He	7526.01	1.7
Se	78	45	H2	11612.88	2.5
Sr	88	115	He	17672.91	2.2
Mo	95	115	He	46220.35	1.7
Ag	107	115	He	103263.95	1.3
Cd	111	115	He	18971.55	1.4
Sn	118	115	He	29340.76	1.3
Sb	121	115	He	41309.45	0.6
Ba	135	159	He	5603.48	3.9
Tl	205	209	He	449312.88	1.6
[Pb]	206	209	He	137148.95	1.5
[Pb]	207	209	He	124695.69	0.3
Pb	208	209	He	571154.55	1.1

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1726153.62	2.4	102.3	60	125	
Sc (ISICPMS)	45	H2	1034952.03	4.1	103.4	60	125	
Sc (ISICPMS)	45	He	38685.78	1.0	101.8	60	125	
Ge (IS)	74	H2	195241.99	4.4	110.6	60	125	
Ge (IS)	74	He	23735.04	1.1	105.2	60	125	

Calibration Standard

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	58016.07	1.1	98.2	60	125	
Tb (IS)	159	He	358638.21	0.3	100.6	60	125	
Bi (IS)	209	He	305562.67	1.9	96.0	60	125	

Initial Calibration Verification (ICV)

File Name 010_ICV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:30:17

Sample Name **ICV 8742023**

Comment ---

Dilution 1.0000

Vial # 1201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	78.329	ug/l	4.0	80	72	88	
B	11	6	No Gas	208.124	ug/l	3.0	200	180	220	
Na	23	45	He	20704.662	ug/l	3.0	20000	18000	22000	
Mg	24	45	He	21054.814	ug/l	3.2	20000	18000	22000	
Al	27	45	He	20181.019	ug/l	1.9	20000	18000	22000	
K	39	45	He	20364.500	ug/l	1.2	20000	18000	22000	
Ca	40	45	H2	19436.788	ug/l	3.7	20000	18000	22000	
Ti	47	45	He	77.226	ug/l	16.8	80	72	88	
V	51	45	He	80.780	ug/l	1.4	80	72	88	
Cr	52	45	He	80.920	ug/l	3.7	80	72	88	
Mn	55	45	He	82.701	ug/l	6.5	80	72	88	
Fe	56	45	H2	20088.183	ug/l	1.0	20000	18000	22000	
Co	59	45	He	81.343	ug/l	2.6	80	72	88	
Ni	60	45	He	81.876	ug/l	4.0	80	72	88	
Cu	63	45	He	81.925	ug/l	4.5	80	72	88	
Zn	66	45	He	200.337	ug/l	3.1	200	180	220	
As	75	45	He	78.491	ug/l	4.7	80	72	88	
Se	78	45	H2	77.748	ug/l	5.1	80	72	88	
Sr	88	115	He	79.236	ug/l	1.5	80	72	88	
Mo	95	115	He	80.333	ug/l	0.4	80	72	88	
Ag	107	115	He	39.557	ug/l	0.4	40	36	44	
Cd	111	115	He	79.480	ug/l	2.3	80	72	88	
Sn	118	115	He	82.114	ug/l	4.5	80	72	88	
Sb	121	115	He	79.177	ug/l	1.1	80	72	88	
Ba	135	159	He	76.997	ug/l	8.8	80	72	88	
Tl	205	209	He	78.696	ug/l	1.5	80	72	88	
[Pb]	206	209	He	79.440	ug/l	0.3				
[Pb]	207	209	He	79.389	ug/l	0.6				
Pb	208	209	He	79.384	ug/l	0.6	80	72	88	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1771470.55	3.5	105.0	60	125	
Sc (ISICPMS)	45	H2	1070875.57	1.0	107.0	60	125	
Sc (ISICPMS)	45	He	38899.88	2.2	102.3	60	125	
Ge (IS)	74	H2	196754.49	2.2	111.5	60	125	
Ge (IS)	74	He	23808.45	2.4	105.6	60	125	
Kr	83	He	13.35	86.6	200.0			

Initial Calibration Verification (ICV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
In-1	115	He	58863.63	1.8	99.6	60	125	
Tb (IS)	159	He	365105.42	0.3	102.4	60	125	
Bi (IS)	209	He	314098.56	0.4	98.7	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 011_ICB.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:32:26

Sample Name **ICB**

Comment ---

Dilution 1.0000

Full Quant Table 1101

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.027	ug/l	69.1	0.4	-0.4	0.4	
B	11	6	No Gas	7.444	ug/l	3.9	20	-20	20	
Na	23	45	He	-24.496	ug/l	N/A	250	-250	250	
Mg	24	45	He	2.821	ug/l	17.6	100	-100	100	
Al	27	45	He	1.767	ug/l	36.3	20	-20	20	
K	39	45	He	-8.321	ug/l	N/A	100	-100	100	
Ca	40	45	H2	2.102	ug/l	38.6	250	-250	250	
Ti	47	45	He	-0.007	ug/l	N/A	2	-2	2	
V	51	45	He	-0.203	ug/l	N/A	2	-2	2	
Cr	52	45	He	-0.071	ug/l	N/A	2	-2	2	
Mn	55	45	He	-0.123	ug/l	N/A	4	-4	4	
Fe	56	45	H2	1.947	ug/l	6.9	30	-30	30	
Co	59	45	He	0.018	ug/l	23.4	2	-2	2	
Ni	60	45	He	-0.064	ug/l	N/A	2	-2	2	
Cu	63	45	He	0.043	ug/l	117.8	2	-2	2	
Zn	66	45	He	0.433	ug/l	91.2	8	-8	8	
As	75	45	He	-0.076	ug/l	N/A	1	-1	1	
Se	78	45	H2	0.010	ug/l	839.3	1.25	-1.25	1.25	
Sr	88	115	He	-0.027	ug/l	N/A	2	-2	2	
Mo	95	115	He	0.018	ug/l	43.1	2	-2	2	
Ag	107	115	He	0.005	ug/l	126.7	1	-1	1	
Cd	111	115	He	0.044	ug/l	44.2	1	-1	1	
Sn	118	115	He	-0.097	ug/l	N/A	8	-8	8	
Sb	121	115	He	-0.004	ug/l	N/A	1	-1	1	
Ba	135	159	He	-0.201	ug/l	0.0	2	-2	2	
Tl	205	209	He	-0.017	ug/l	N/A	0.4	-0.4	0.4	
[Pb]	206	209	He	0.025	ug/l	78.1				
[Pb]	207	209	He	0.024	ug/l	67.8				
Pb	208	209	He	0.018	ug/l	6.3	0.6	-0.6	0.6	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1863008.32	3.0	110.4	60	125	
Sc (ISICPMS)	45	H2	1056729.05	1.5	105.6	60	125	
Sc (ISICPMS)	45	He	39890.31	1.1	104.9	60	125	
Ge (IS)	74	H2	189896.57	0.8	107.6	60	125	
Ge (IS)	74	He	23664.87	1.9	104.9	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	61267.70	0.7	103.7	60	125	
Tb (IS)	159	He	364256.16	1.0	102.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	324831.43	0.8	102.1	60	125	

CRQL Check Standard (CRI)

File Name 012_CRI.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:34:38

Sample Name **CRI 8858131**

Comment ---

Dilution 1.0000

Vial # 1102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.932	ug/l	15.0	0.8	0.4	1.2	
B	11	6	No Gas	83.521	ug/l	2.5	80	40	120	
Na	23	45	He	170.898	ug/l	5.6	200	100	300	
Mg	24	45	He	208.570	ug/l	2.5	200	100	300	
Al	27	45	He	45.545	ug/l	5.9	40	20	60	
K	39	45	He	201.425	ug/l	17.6	200	100	300	
Ca	40	45	H2	209.859	ug/l	0.6	200	100	300	
Ti	47	45	He	4.823	ug/l	23.5	4	2	6	
V	51	45	He	3.743	ug/l	4.4	4	2	6	
Cr	52	45	He	3.911	ug/l	8.6	4	2	6	
Mn	55	45	He	8.189	ug/l	6.7	8	4	12	
Fe	56	45	H2	125.992	ug/l	0.2	120	60	180	
Co	59	45	He	4.221	ug/l	1.7	4	2	6	
Ni	60	45	He	4.195	ug/l	7.1	4	2	6	
Cu	63	45	He	4.477	ug/l	6.8	4	2	6	
Zn	66	45	He	15.360	ug/l	4.1	16	8	24	
As	75	45	He	1.898	ug/l	15.4	2	1	3	
Se	78	45	H2	2.404	ug/l	16.3	2.5	1.25	3.75	
Sr	88	115	He	4.121	ug/l	4.8	4	2	6	
Mo	95	115	He	4.114	ug/l	8.8	4	2	6	
Ag	107	115	He	1.902	ug/l	3.0	2	1	3	
Cd	111	115	He	1.903	ug/l	20.6	2	1	3	
Sn	118	115	He	16.535	ug/l	5.0	16	8	24	
Sb	121	115	He	1.964	ug/l	2.4	2	1	3	
Ba	135	159	He	3.978	ug/l	7.6	4	2	6	
Tl	205	209	He	0.760	ug/l	3.7	0.8	0.4	1.2	
[Pb]	206	209	He	1.170	ug/l	2.8				
[Pb]	207	209	He	1.036	ug/l	2.9				
Pb	208	209	He	1.126	ug/l	7.2	1.2	0.6	1.8	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1829303.74	1.0	108.4	60	125	
Sc (ISICPMS)	45	H2	1095640.08	0.4	109.5	60	125	
Sc (ISICPMS)	45	He	40727.17	1.1	107.1	60	125	
Ge (IS)	74	H2	189926.41	1.3	107.6	60	125	
Ge (IS)	74	He	23671.62	1.8	105.0	60	125	
Kr	83	He	3.34	173.2	50.0			

CRQL Check Standard (CRI)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
In-1	115	He	61778.09	1.2	104.5	60	125	
Tb (IS)	159	He	371939.54	1.4	104.3	60	125	
Bi (IS)	209	He	330583.61	0.4	103.9	60	125	

Interference Check Standard-A (ICSA)

File Name 013ICSA.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:36:49

Sample Name **ICSA 8858141**

Comment ---

Dilution 1.0000

Method 1304

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.039	ug/l	35.5	0.8	-1.6	1.6	
B	11	6	No Gas	5.873	ug/l	3.7	80	-160	160	
Na	23	45	He	101362.640	ug/l	3.5	100000	80000	120000	
Mg	24	45	He	101398.532	ug/l	4.1	100000	80000	120000	
Al	27	45	He	99278.872	ug/l	1.3	100000	80000	120000	
K	39	45	He	100395.546	ug/l	2.4	100000	80000	120000	
Ca	40	45	H2	99948.005	ug/l	2.6	100000	80000	120000	
Ti	47	45	He	2054.218	ug/l	1.0	2000	1600	2400	
V	51	45	He	-0.393	ug/l	N/A	4	-8	8	
Cr	52	45	He	0.866	ug/l	25.8	4	-8	8	
Mn	55	45	He	0.960	ug/l	4.7	8	-16	16	
Fe	56	45	H2	99936.231	ug/l	1.5	100000	80000	120000	
Co	59	45	He	1.394	ug/l	6.6	4	-8	8	
Ni	60	45	He	0.441	ug/l	2.9	4	-8	8	
Cu	63	45	He	0.570	ug/l	25.0	4	-8	8	
Zn	66	45	He	1.223	ug/l	26.7	16	-32	32	
As	75	45	He	-0.046	ug/l	N/A	2	-4	4	
Se	78	45	H2	0.108	ug/l	132.6	2.5	-5	5	
Sr	88	115	He	4.907	ug/l	10.0	4	-8	8	
Mo	95	115	He	2076.674	ug/l	2.1	2000	-4000	4000	
Ag	107	115	He	0.041	ug/l	46.2	2	-4	4	
Cd	111	115	He	0.278	ug/l	29.8	2	-4	4	
Sn	118	115	He	0.241	ug/l	3.1	16	-32	32	
Sb	121	115	He	0.086	ug/l	32.7	2	-4	4	
Ba	135	159	He	1.741	ug/l	8.5	4	-8	8	
Tl	205	209	He	-0.043	ug/l	N/A	0.8	-1.6	1.6	
[Pb]	206	209	He	0.329	ug/l	8.3				
[Pb]	207	209	He	0.303	ug/l	25.0				
Pb	208	209	He	0.301	ug/l	7.8	1.2	-2.4	2.4	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1711627.53	0.8	101.4	60	125	
Sc (ISICPMS)	45	H2	1049956.28	3.5	104.9	60	125	
Sc (ISICPMS)	45	He	38274.79	1.6	100.7	60	125	
Ge (IS)	74	H2	196999.50	0.5	111.6	60	125	
Ge (IS)	74	He	24637.58	1.9	109.2	60	125	
Kr	83	He	20.02	50.0	300.0			

Interference Check Standard-A (ICSA)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
In-1	115	He	56177.50	1.9	95.0	60	125	
Tb (IS)	159	He	348401.21	0.3	97.7	60	125	
Bi (IS)	209	He	294885.83	0.8	92.7	60	125	

Interference Check Standard-AB (ICSAB)

File Name 014ICSB.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:38:58

Sample Name **ICSAB 8858143**

Comment ---

Dilution 1.0000

Method 1305

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	202.789	ug/l	3.2	200	-400	400	
B	11	6	No Gas	3.585	ug/l	11.2				
Na	23	45	He	100356.865	ug/l	4.5	100000	80000	120000	
Mg	24	45	He	98035.083	ug/l	3.5	100000	80000	120000	
Al	27	45	He	98535.037	ug/l	2.5	100000	80000	120000	
K	39	45	He	99357.311	ug/l	2.9	100000	80000	120000	
Ca	40	45	H2	101619.245	ug/l	1.5	100000	80000	120000	
Ti	47	45	He	2049.897	ug/l	2.3	2000	1600	2400	
V	51	45	He	199.972	ug/l	0.3	200	160	240	
Cr	52	45	He	202.225	ug/l	1.7	200	160	240	
Mn	55	45	He	206.262	ug/l	2.9	200	160	240	
Fe	56	45	H2	98695.749	ug/l	1.3	100000	80000	120000	
Co	59	45	He	203.393	ug/l	0.8	200	160	240	
Ni	60	45	He	203.068	ug/l	2.5	200	160	240	
Cu	63	45	He	199.917	ug/l	2.2	200	160	240	
Zn	66	45	He	205.572	ug/l	2.9	200	160	240	
As	75	45	He	206.441	ug/l	1.9	200	160	240	
Se	78	45	H2	205.165	ug/l	0.6	200	160	240	
Sr	88	115	He	208.344	ug/l	2.2	200	-400	400	
Mo	95	115	He	2105.863	ug/l	2.0	2000	1600	2400	
Ag	107	115	He	195.524	ug/l	1.4	200	160	240	
Cd	111	115	He	209.666	ug/l	2.3	200	160	240	
Sn	118	115	He	205.979	ug/l	1.7	200	-400	400	
Sb	121	115	He	101.336	ug/l	1.3	100	-200	200	
Ba	135	159	He	205.326	ug/l	2.7	200	-400	400	
Tl	205	209	He	102.530	ug/l	0.2	100	-200	200	
[Pb]	206	209	He	207.003	ug/l	1.0				
[Pb]	207	209	He	207.479	ug/l	1.1				
Pb	208	209	He	206.245	ug/l	1.2	200	-400	400	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1759050.01	1.8	104.2	60	125	
Sc (ISICPMS)	45	H2	1038231.72	0.7	103.7	60	125	
Sc (ISICPMS)	45	He	38279.19	1.7	100.7	60	125	
Ge (IS)	74	H2	193214.44	1.0	109.5	60	125	
Ge (IS)	74	He	24543.89	4.3	108.8	60	125	
Kr	83	He	6.67	86.6	100.0			

Interference Check Standard-AB (ICSAB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
In-1	115	He	56065.71	1.0	94.9	60	125	
Tb (IS)	159	He	352100.43	1.3	98.7	60	125	
Bi (IS)	209	He	296071.55	0.4	93.0	60	125	

Linear Range Check (LRC)

File Name 015LRCA.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:41:07

Sample Name **LRC 8701978**

Comment LRC-A

Dilution 1.0000

Vial # 1306

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	1875.027	ug/l	1.1	2000	1800	2200	
B	11	6	No Gas	8.576	ug/l	5.5				
Na	23	45	He	-23.487	ug/l	N/A				
Mg	24	45	He	19.137	ug/l	8.5				
Al	27	45	He	13.079	ug/l	14.6				
K	39	45	He	71.587	ug/l	17.6				
Ca	40	45	H2	13.941	ug/l	9.1				
Ti	47	45	He	4943.667	ug/l	1.8	5000	4500	5500	
V	51	45	He	4975.650	ug/l	2.5	5000	4500	5500	
Cr	52	45	He	19168.870	ug/l	1.4	20000	18000	22000	
Mn	55	45	He	9984.907	ug/l	1.4	10000	9000	11000	
Fe	56	45	H2	25.435	ug/l	2.0				
Co	59	45	He	2025.076	ug/l	4.5	2000	1800	2200	
Ni	60	45	He	20570.787	ug/l	2.1	20000	18000	22000	
Cu	63	45	He	20376.381	ug/l	2.4	20000	18000	22000	
Zn	66	45	He	18901.947	ug/l	2.7	20000	18000	22000	
As	75	45	He	5069.992	ug/l	0.4	5000	4500	5500	
Se	78	45	H2	2045.754	ug/l	1.8	2000	1800	2200	
Sr	88	115	He	4861.232	ug/l	0.8	5000	4500	5500	
Mo	95	115	He	2023.670	ug/l	0.4	2000	1800	2200	
Ag	107	115	He	0.046	ug/l	31.5				
Cd	111	115	He	5287.422	ug/l	0.7	5000	4500	5500	
Sn	118	115	He	0.539	ug/l	107.2				
Sb	121	115	He	0.061	ug/l	36.5				
Ba	135	159	He	19513.859	ug/l	1.3	20000	18000	22000	
Tl	205	209	He	983.249	ug/l	2.4	1000	900	1100	
[Pb]	206	209	He	19212.385	ug/l	2.7				
[Pb]	207	209	He	18779.414	ug/l	2.9				
Pb	208	209	He	18878.265	ug/l	1.4	20000	18000	22000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1804861.40	4.1	106.9	60	125	
Sc (ISICPMS)	45	H2	1005986.33	1.9	100.5	60	125	
Sc (ISICPMS)	45	He	36562.16	1.2	96.2	60	125	
Ge (IS)	74	H2	185712.25	1.3	105.2	60	125	
Ge (IS)	74	He	21352.19	3.0	94.7	60	125	
Kr	83	He	13.35	114.6	200.0			

Linear Range Check (LRC)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
In-1	115	He	54849.42	0.8	92.8	60	125	
Tb (IS)	159	He	345736.88	0.2	96.9	60	125	
Bi (IS)	209	He	302064.61	0.9	94.9	60	125	

Linear Range Check (LRC)

File Name 016LRCB.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:43:09

Sample Name **LRC 8701980**

Comment LRC-B

Dilution 1.0000

Vial # 1307

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.457	ug/l	6.4				
B	11	6	No Gas	6.456	ug/l	7.3				
Na	23	45	He	500587.727	ug/l	2.5	500000	450000	550000	
Mg	24	45	He	502567.644	ug/l	2.8	500000	450000	550000	
Al	27	45	He	198527.108	ug/l	1.3	200000	180000	220000	
K	39	45	He	489087.740	ug/l	0.9	500000	450000	550000	
Ca	40	45	H2	506604.982	ug/l	1.4	500000	450000	550000	
Ti	47	45	He	1.281	ug/l	84.4				
V	51	45	He	-0.292	ug/l	N/A				
Cr	52	45	He	4.504	ug/l	4.3				
Mn	55	45	He	3.883	ug/l	4.9				
Fe	56	45	H2	487632.036	ug/l	3.8	500000	450000	550000	
Co	59	45	He	5.481	ug/l	4.1				
Ni	60	45	He	1.565	ug/l	7.8				
Cu	63	45	He	3.857	ug/l	6.0				
Zn	66	45	He	4.195	ug/l	11.5				
As	75	45	He	0.243	ug/l	20.3				
Se	78	45	H2	0.236	ug/l	27.5				
Sr	88	115	He	8.582	ug/l	0.9				
Mo	95	115	He	1.084	ug/l	13.2				
Ag	107	115	He	0.134	ug/l	16.0				
Cd	111	115	He	0.226	ug/l	54.9				
Sn	118	115	He	0.109	ug/l	101.7				
Sb	121	115	He	0.282	ug/l	16.1				
Ba	135	159	He	2.051	ug/l	20.1				
Tl	205	209	He	0.132	ug/l	20.6				
[Pb]	206	209	He	3.224	ug/l	14.3				
[Pb]	207	209	He	3.263	ug/l	9.9				
Pb	208	209	He	3.237	ug/l	12.4				

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1601336.66	2.4	94.9	60	125	
Sc (ISICPMS)	45	H2	953198.43	1.0	95.2	60	125	
Sc (ISICPMS)	45	He	35117.33	1.4	92.4	60	125	
Ge (IS)	74	H2	170382.83	1.3	96.5	60	125	
Ge (IS)	74	He	21702.85	0.2	96.2	60	125	
Kr	83	He	6.67	86.6	100.0			

Linear Range Check (LRC)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
In-1	115	He	51320.09	0.9	86.8	60	125	
Tb (IS)	159	He	332590.65	0.7	93.3	60	125	
Bi (IS)	209	He	272621.86	1.0	85.7	60	125	

Sample Report

File Name 017SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:45:19

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.130	ug/l	7.4	2000	
B	11	6	No Gas	0.835	ug/l	30.9	500	
Na	23	45	He	87.581	ug/l	45.0	500000	
Mg	24	45	He	34.293	ug/l	2.6	500000	
Al	27	45	He	11.549	ug/l	35.7	200000	
K	39	45	He	179.922	ug/l	26.4	500000	
Ca	40	45	H2	32.579	ug/l	2.0	500000	
Ti	47	45	He	0.814	ug/l	73.4	5000	
V	51	45	He	-0.568	ug/l	N/A	5000	
Cr	52	45	He	0.356	ug/l	86.8	20000	
Mn	55	45	He	0.509	ug/l	40.9	10000	
Fe	56	45	H2	31.816	ug/l	2.3	500000	
Co	59	45	He	0.018	ug/l	189.0	2000	
Ni	60	45	He	0.407	ug/l	32.4	20000	
Cu	63	45	He	1.610	ug/l	10.3	20000	
Zn	66	45	He	0.954	ug/l	29.7	20000	
As	75	45	He	0.161	ug/l	46.6	5000	
Se	78	45	H2	0.044	ug/l	280.4	2000	
Sr	88	115	He	0.111	ug/l	33.7	5000	
Mo	95	115	He	0.100	ug/l	32.4	2000	
Ag	107	115	He	0.032	ug/l	64.7	100	
Cd	111	115	He	0.037	ug/l	100.8	5000	
Sn	118	115	He	-0.151	ug/l	N/A	200	
Sb	121	115	He	0.011	ug/l	189.7	200	
Ba	135	159	He	0.178	ug/l	71.3	20000	
Tl	205	209	He	-0.018	ug/l	N/A	1000	
[Pb]	206	209	He	1.007	ug/l	11.4		
[Pb]	207	209	He	0.934	ug/l	8.3		
Pb	208	209	He	0.976	ug/l	7.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1852810.27	2.7	109.8	60	125	
Sc (ISICPMS)	45	H2	975696.75	0.8	97.5	60	125	
Sc (ISICPMS)	45	He	36173.32	2.3	95.2	60	125	
Ge (IS)	74	H2	168784.77	1.8	95.6	60	125	
Ge (IS)	74	He	21776.42	2.3	96.6	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	55595.08	1.5	94.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	341923.41	0.2	95.9	60	125	
Bi (IS)	209	He	304507.26	1.2	95.7	60	125	

Sample Report

File Name 018SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:47:32

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.109	ug/l	19.2	2000	
B	11	6	No Gas	0.649	ug/l	20.3	500	
Na	23	45	He	36.090	ug/l	23.9	500000	
Mg	24	45	He	15.380	ug/l	3.7	500000	
Al	27	45	He	5.921	ug/l	44.5	200000	
K	39	45	He	119.727	ug/l	14.4	500000	
Ca	40	45	H2	15.392	ug/l	12.9	500000	
Ti	47	45	He	0.281	ug/l	1.8	5000	
V	51	45	He	-0.398	ug/l	N/A	5000	
Cr	52	45	He	0.749	ug/l	13.0	20000	
Mn	55	45	He	0.241	ug/l	80.0	10000	
Fe	56	45	H2	12.686	ug/l	6.4	500000	
Co	59	45	He	0.011	ug/l	74.4	2000	
Ni	60	45	He	0.321	ug/l	26.6	20000	
Cu	63	45	He	0.984	ug/l	7.8	20000	
Zn	66	45	He	0.732	ug/l	61.7	20000	
As	75	45	He	-0.091	ug/l	N/A	5000	
Se	78	45	H2	0.072	ug/l	254.5	2000	
Sr	88	115	He	0.033	ug/l	2.7	5000	
Mo	95	115	He	0.111	ug/l	51.4	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.062	ug/l	69.5	5000	
Sn	118	115	He	0.179	ug/l	121.2	200	
Sb	121	115	He	0.037	ug/l	39.1	200	
Ba	135	159	He	0.134	ug/l	54.7	20000	
Tl	205	209	He	-0.042	ug/l	N/A	1000	
[Pb]	206	209	He	0.744	ug/l	13.5		
[Pb]	207	209	He	0.631	ug/l	8.3		
Pb	208	209	He	0.674	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1848647.06	1.8	109.5	60	125	
Sc (ISICPMS)	45	H2	958464.03	3.5	95.8	60	125	
Sc (ISICPMS)	45	He	36015.23	1.2	94.7	60	125	
Ge (IS)	74	H2	172444.52	1.9	97.7	60	125	
Ge (IS)	74	He	21455.68	2.5	95.1	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	55194.05	0.7	93.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	343258.60	1.5	96.2	60	125	
Bi (IS)	209	He	304419.20	1.8	95.6	60	125	

Sample Report

File Name 019SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:49:45

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.083	ug/l	9.5	2000	
B	11	6	No Gas	0.850	ug/l	17.1	500	
Na	23	45	He	14.420	ug/l	87.2	500000	
Mg	24	45	He	9.398	ug/l	10.8	500000	
Al	27	45	He	2.451	ug/l	52.3	200000	
K	39	45	He	102.578	ug/l	10.1	500000	
Ca	40	45	H2	9.445	ug/l	10.7	500000	
Ti	47	45	He	0.140	ug/l	166.9	5000	
V	51	45	He	-0.563	ug/l	N/A	5000	
Cr	52	45	He	0.531	ug/l	32.7	20000	
Mn	55	45	He	0.061	ug/l	167.4	10000	
Fe	56	45	H2	7.444	ug/l	6.7	500000	
Co	59	45	He	0.009	ug/l	437.6	2000	
Ni	60	45	He	0.172	ug/l	81.5	20000	
Cu	63	45	He	0.813	ug/l	5.2	20000	
Zn	66	45	He	0.622	ug/l	26.9	20000	
As	75	45	He	-0.016	ug/l	N/A	5000	
Se	78	45	H2	0.080	ug/l	220.1	2000	
Sr	88	115	He	-0.007	ug/l	N/A	5000	
Mo	95	115	He	0.070	ug/l	44.9	2000	
Ag	107	115	He	0.019	ug/l	172.5	100	
Cd	111	115	He	0.074	ug/l	86.6	5000	
Sn	118	115	He	0.109	ug/l	213.6	200	
Sb	121	115	He	0.037	ug/l	22.4	200	
Ba	135	159	He	0.050	ug/l	249.5	20000	
Tl	205	209	He	-0.049	ug/l	N/A	1000	
[Pb]	206	209	He	0.512	ug/l	11.6		
[Pb]	207	209	He	0.502	ug/l	2.3		
Pb	208	209	He	0.541	ug/l	3.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1776739.71	0.8	105.3	60	125	
Sc (ISICPMS)	45	H2	1004425.37	1.4	100.3	60	125	
Sc (ISICPMS)	45	He	36460.87	0.7	95.9	60	125	
Ge (IS)	74	H2	174294.75	0.6	98.7	60	125	
Ge (IS)	74	He	21562.51	2.1	95.6	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	55410.38	0.3	93.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	343601.82	0.8	96.3	60	125	
Bi (IS)	209	He	306262.84	0.6	96.2	60	125	

Sample Report

File Name 020SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:51:58

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.074	ug/l	46.1	2000	
B	11	6	No Gas	0.630	ug/l	23.3	500	
Na	23	45	He	-14.410	ug/l	N/A	500000	
Mg	24	45	He	9.308	ug/l	18.2	500000	
Al	27	45	He	2.516	ug/l	82.2	200000	
K	39	45	He	61.833	ug/l	17.4	500000	
Ca	40	45	H2	8.576	ug/l	8.2	500000	
Ti	47	45	He	0.004	ug/l	5725.5	5000	
V	51	45	He	-0.639	ug/l	N/A	5000	
Cr	52	45	He	0.307	ug/l	24.1	20000	
Mn	55	45	He	0.168	ug/l	45.0	10000	
Fe	56	45	H2	6.779	ug/l	7.3	500000	
Co	59	45	He	0.007	ug/l	379.1	2000	
Ni	60	45	He	0.277	ug/l	43.8	20000	
Cu	63	45	He	0.704	ug/l	6.9	20000	
Zn	66	45	He	0.626	ug/l	46.8	20000	
As	75	45	He	-0.097	ug/l	N/A	5000	
Se	78	45	H2	0.023	ug/l	571.1	2000	
Sr	88	115	He	0.005	ug/l	450.7	5000	
Mo	95	115	He	0.025	ug/l	91.6	2000	
Ag	107	115	He	0.006	ug/l	91.2	100	
Cd	111	115	He	0.024	ug/l	86.6	5000	
Sn	118	115	He	0.112	ug/l	148.6	200	
Sb	121	115	He	-0.011	ug/l	N/A	200	
Ba	135	159	He	0.218	ug/l	88.1	20000	
Tl	205	209	He	-0.051	ug/l	N/A	1000	
[Pb]	206	209	He	0.424	ug/l	23.0		
[Pb]	207	209	He	0.380	ug/l	8.4		
Pb	208	209	He	0.414	ug/l	6.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1845680.18	1.7	109.4	60	125	
Sc (ISICPMS)	45	H2	993020.52	3.0	99.2	60	125	
Sc (ISICPMS)	45	He	36735.82	0.8	96.6	60	125	
Ge (IS)	74	H2	170759.23	0.7	96.7	60	125	
Ge (IS)	74	He	21833.17	1.4	96.8	60	125	
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	55889.10	1.3	94.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	343652.55	0.1	96.4	60	125	
Bi (IS)	209	He	311515.05	0.6	97.9	60	125	

Sample Report

File Name 021SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:54:11

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.067	ug/l	51.1	2000	
B	11	6	No Gas	0.656	ug/l	22.0	500	
Na	23	45	He	-33.133	ug/l	N/A	500000	
Mg	24	45	He	7.436	ug/l	7.4	500000	
Al	27	45	He	1.600	ug/l	167.6	200000	
K	39	45	He	65.664	ug/l	12.3	500000	
Ca	40	45	H2	7.110	ug/l	7.9	500000	
Ti	47	45	He	0.798	ug/l	31.1	5000	
V	51	45	He	-0.638	ug/l	N/A	5000	
Cr	52	45	He	0.387	ug/l	63.6	20000	
Mn	55	45	He	-0.053	ug/l	N/A	10000	
Fe	56	45	H2	23.122	ug/l	97.0	500000	
Co	59	45	He	0.003	ug/l	149.4	2000	
Ni	60	45	He	0.310	ug/l	46.5	20000	
Cu	63	45	He	0.505	ug/l	20.5	20000	
Zn	66	45	He	0.737	ug/l	86.7	20000	
As	75	45	He	-0.133	ug/l	N/A	5000	
Se	78	45	H2	0.000	ug/l	101902.4	2000	
Sr	88	115	He	-0.035	ug/l	N/A	5000	
Mo	95	115	He	0.039	ug/l	41.2	2000	
Ag	107	115	He	0.016	ug/l	76.0	100	
Cd	111	115	He	0.036	ug/l	99.0	5000	
Sn	118	115	He	-0.058	ug/l	N/A	200	
Sb	121	115	He	0.019	ug/l	194.8	200	
Ba	135	159	He	0.088	ug/l	355.4	20000	
Tl	205	209	He	-0.065	ug/l	N/A	1000	
[Pb]	206	209	He	0.346	ug/l	9.9		
[Pb]	207	209	He	0.335	ug/l	18.1		
Pb	208	209	He	0.355	ug/l	5.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1833445.70	1.5	108.6	60	125	
Sc (ISICPMS)	45	H2	999426.83	2.2	99.8	60	125	
Sc (ISICPMS)	45	He	37248.54	2.9	98.0	60	125	
Ge (IS)	74	H2	174789.55	0.6	99.0	60	125	
Ge (IS)	74	He	21796.44	4.0	96.7	60	125	
Kr	83	He	16.68	124.9	250.0			
In-1	115	He	56511.18	1.8	95.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	348095.55	0.5	97.6	60	125	
Bi (IS)	209	He	311358.75	0.5	97.8	60	125	

Continuing Calibration Verification (CCV)

File Name 022_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:56:23

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	92.527	ug/l	1.7	100	90	110	
B	11	6	No Gas	240.248	ug/l	2.6	250	225	275	
Na	23	45	He	25609.165	ug/l	3.1	25000	22500	27500	
Mg	24	45	He	25908.116	ug/l	2.1	25000	22500	27500	
Al	27	45	He	24821.472	ug/l	1.8	25000	22500	27500	
K	39	45	He	25304.024	ug/l	2.9	25000	22500	27500	
Ca	40	45	H2	25218.602	ug/l	3.2	25000	22500	27500	
Ti	47	45	He	99.759	ug/l	5.8	100	90	110	
V	51	45	He	97.844	ug/l	2.8	100	90	110	
Cr	52	45	He	99.510	ug/l	3.0	100	90	110	
Mn	55	45	He	97.875	ug/l	0.8	100	90	110	
Fe	56	45	H2	24239.747	ug/l	3.3	25000	22500	27500	
Co	59	45	He	98.601	ug/l	3.1	100	90	110	
Ni	60	45	He	97.739	ug/l	3.6	100	90	110	
Cu	63	45	He	100.466	ug/l	1.3	100	90	110	
Zn	66	45	He	248.177	ug/l	1.9	250	225	275	
As	75	45	He	97.564	ug/l	2.4	100	90	110	
Se	78	45	H2	102.452	ug/l	9.4	100	90	110	
Sr	88	115	He	96.651	ug/l	1.9	100	90	110	
Mo	95	115	He	99.236	ug/l	0.4	100	90	110	
Ag	107	115	He	48.940	ug/l	2.2	50	45	55	
Cd	111	115	He	99.847	ug/l	0.4	100	90	110	
Sn	118	115	He	101.093	ug/l	1.0	100	90	110	
Sb	121	115	He	99.523	ug/l	1.2	100	90	110	
Ba	135	159	He	98.600	ug/l	3.9	100	90	110	
Tl	205	209	He	99.803	ug/l	1.9	100	90	110	
[Pb]	206	209	He	99.977	ug/l	1.6				
[Pb]	207	209	He	100.113	ug/l	1.7				
Pb	208	209	He	99.798	ug/l	1.4	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1883627.72	1.1	111.6	60	125	
Sc (ISICPMS)	45	H2	1038649.83	7.1	103.8	60	125	
Sc (ISICPMS)	45	He	37991.82	2.0	99.9	60	125	
Ge (IS)	74	H2	182008.57	2.7	103.1	60	125	
Ge (IS)	74	He	22752.35	3.0	100.9	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	57166.16	0.9	96.7	60	125	
Tb (IS)	159	He	353545.94	0.9	99.1	60	125	
Bi (IS)	209	He	305673.21	1.1	96.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 023_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 08:58:34

Sample Name **CCB**

Comment ---

Dilution 1.0000

Multiplier Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.060	ug/l	24.3	0.8	-0.8	0.8	
B	11	6	No Gas	4.593	ug/l	6.4	40	-40	40	
Na	23	45	He	-51.415	ug/l	N/A	500	-500	500	
Mg	24	45	He	5.807	ug/l	21.2	200	-200	200	
Al	27	45	He	5.139	ug/l	37.1	40	-40	40	
K	39	45	He	56.684	ug/l	35.7	200	-200	200	
Ca	40	45	H2	4.543	ug/l	32.6	500	-500	500	
Ti	47	45	He	-0.130	ug/l	N/A	4	-4	4	
V	51	45	He	-0.494	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.484	ug/l	15.1	4	-4	4	
Mn	55	45	He	-0.035	ug/l	N/A	8	-8	8	
Fe	56	45	H2	4.135	ug/l	11.6	60	-60	60	
Co	59	45	He	-0.011	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.133	ug/l	114.5	4	-4	4	
Cu	63	45	He	0.360	ug/l	13.3	4	-4	4	
Zn	66	45	He	0.512	ug/l	46.6	16	-16	16	
As	75	45	He	-0.122	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.036	ug/l	334.7	2.5	-2.5	2.5	
Sr	88	115	He	-0.062	ug/l	N/A	4	-4	4	
Mo	95	115	He	0.024	ug/l	34.7	4	-4	4	
Ag	107	115	He	0.012	ug/l	137.5	2	-2	2	
Cd	111	115	He	0.011	ug/l	173.2	2	-2	2	
Sn	118	115	He	0.102	ug/l	88.3	16	-16	16	
Sb	121	115	He	0.041	ug/l	72.3	2	-2	2	
Ba	135	159	He	-0.120	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.045	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.241	ug/l	10.6				
[Pb]	207	209	He	0.202	ug/l	8.7				
Pb	208	209	He	0.237	ug/l	7.2	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1925929.89	2.8	114.1	60	125	
Sc (ISICPMS)	45	H2	1025760.47	2.3	102.5	60	125	
Sc (ISICPMS)	45	He	38140.99	1.8	100.3	60	125	
Ge (IS)	74	H2	177552.88	0.7	100.6	60	125	
Ge (IS)	74	He	22381.41	2.1	99.2	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	58560.53	2.2	99.1	60	125	
Tb (IS)	159	He	354988.60	0.9	99.5	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	315415.04	1.7	99.1	60	125	

Sample Report

File Name 024SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:11:16

Sample Name **MB 460-775422/1-A**

Comment ---

Dilution **1.0000**

Vial # 2101

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.022	ug/l	14.6	2000	
B	11	6	No Gas	0.541	ug/l	61.9	500	
Na	23	45	He	-70.252	ug/l	N/A	500000	
Mg	24	45	He	1.472	ug/l	37.9	500000	
Al	27	45	He	-0.072	ug/l	N/A	200000	
K	39	45	He	23.742	ug/l	22.0	500000	
Ca	40	45	H2	2.246	ug/l	33.5	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	-0.305	ug/l	N/A	5000	
Cr	52	45	He	0.253	ug/l	64.1	20000	
Mn	55	45	He	-0.123	ug/l	N/A	10000	
Fe	56	45	H2	0.209	ug/l	73.0	500000	
Co	59	45	He	0.001	ug/l	927.6	2000	
Ni	60	45	He	0.152	ug/l	58.6	20000	
Cu	63	45	He	0.197	ug/l	40.2	20000	
Zn	66	45	He	0.143	ug/l	64.7	20000	
As	75	45	He	-0.133	ug/l	N/A	5000	
Se	78	45	H2	0.087	ug/l	227.8	2000	
Sr	88	115	He	0.028	ug/l	1.6	5000	
Mo	95	115	He	0.029	ug/l	49.7	2000	
Ag	107	115	He	0.020	ug/l	65.5	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.037	ug/l	N/A	200	
Sb	121	115	He	-0.001	ug/l	N/A	200	
Ba	135	159	He	-0.160	ug/l	N/A	20000	
Tl	205	209	He	-0.062	ug/l	N/A	1000	
[Pb]	206	209	He	0.088	ug/l	23.3		
[Pb]	207	209	He	0.069	ug/l	33.3		
Pb	208	209	He	0.066	ug/l	16.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1882553.68	2.2	111.5	60	125	
Sc (ISICPMS)	45	H2	976687.28	2.2	97.6	60	125	
Sc (ISICPMS)	45	He	37554.84	0.5	98.8	60	125	
Ge (IS)	74	H2	175479.96	1.4	99.4	60	125	
Ge (IS)	74	He	21793.24	2.4	96.6	60	125	
Kr	83	He	16.68	34.6	250.0			
In-1	115	He	57286.70	0.4	96.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	351887.20	1.0	98.7	60	125	
Bi (IS)	209	He	312484.29	0.6	98.2	60	125	

Sample Report

File Name 025SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:13:27

Sample Name **MB 460-775602/1-A**

Comment ---

Dilution **1.0000**

Vial # 2401

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.013	ug/l	236.4	2000	
B	11	6	No Gas	0.300	ug/l	117.3	500	
Na	23	45	He	-65.712	ug/l	N/A	500000	
Mg	24	45	He	0.244	ug/l	191.3	500000	
Al	27	45	He	-0.925	ug/l	N/A	200000	
K	39	45	He	32.150	ug/l	79.8	500000	
Ca	40	45	H2	-0.036	ug/l	N/A	500000	
Ti	47	45	He	0.264	ug/l	258.5	5000	
V	51	45	He	-0.216	ug/l	N/A	5000	
Cr	52	45	He	0.182	ug/l	24.3	20000	
Mn	55	45	He	-0.215	ug/l	N/A	10000	
Fe	56	45	H2	-0.345	ug/l	N/A	500000	
Co	59	45	He	-0.005	ug/l	N/A	2000	
Ni	60	45	He	0.120	ug/l	97.2	20000	
Cu	63	45	He	0.210	ug/l	47.3	20000	
Zn	66	45	He	0.308	ug/l	132.2	20000	
As	75	45	He	0.137	ug/l	83.8	5000	
Se	78	45	H2	0.192	ug/l	80.3	2000	
Sr	88	115	He	0.052	ug/l	114.2	5000	
Mo	95	115	He	0.029	ug/l	88.2	2000	
Ag	107	115	He	0.010	ug/l	145.5	100	
Cd	111	115	He	0.023	ug/l	86.6	5000	
Sn	118	115	He	0.010	ug/l	1461.5	200	
Sb	121	115	He	0.003	ug/l	812.5	200	
Ba	135	159	He	-0.161	ug/l	N/A	20000	
Tl	205	209	He	-0.066	ug/l	N/A	1000	
[Pb]	206	209	He	0.086	ug/l	20.1		
[Pb]	207	209	He	0.070	ug/l	97.7		
Pb	208	209	He	0.075	ug/l	31.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1868059.48	5.8	110.7	60	125	
Sc (ISICPMS)	45	H2	1026404.33	2.9	102.5	60	125	
Sc (ISICPMS)	45	He	37908.13	1.0	99.7	60	125	
Ge (IS)	74	H2	178817.11	1.1	101.3	60	125	
Ge (IS)	74	He	22374.68	2.0	99.2	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	58323.27	1.8	98.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	355302.06	0.2	99.6	60	125	
Bi (IS)	209	He	316155.02	0.4	99.3	60	125	

Sample Report

File Name 026SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:15:40

Sample Name **MB 460-775437/1-A**

Comment ---

Dilution **1.0000**

Vial # 3101

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.031	ug/l	26.8	2000	
B	11	6	No Gas	0.071	ug/l	360.8	500	
Na	23	45	He	-77.398	ug/l	N/A	500000	
Mg	24	45	He	-0.009	ug/l	N/A	500000	
Al	27	45	He	-0.281	ug/l	N/A	200000	
K	39	45	He	23.987	ug/l	76.3	500000	
Ca	40	45	H2	0.799	ug/l	188.3	500000	
Ti	47	45	He	0.129	ug/l	173.9	5000	
V	51	45	He	-0.313	ug/l	N/A	5000	
Cr	52	45	He	0.097	ug/l	182.7	20000	
Mn	55	45	He	-0.184	ug/l	N/A	10000	
Fe	56	45	H2	0.248	ug/l	203.8	500000	
Co	59	45	He	-0.018	ug/l	N/A	2000	
Ni	60	45	He	-0.043	ug/l	N/A	20000	
Cu	63	45	He	0.114	ug/l	25.4	20000	
Zn	66	45	He	0.450	ug/l	6.3	20000	
As	75	45	He	-0.001	ug/l	N/A	5000	
Se	78	45	H2	0.072	ug/l	179.6	2000	
Sr	88	115	He	0.003	ug/l	688.7	5000	
Mo	95	115	He	0.015	ug/l	99.4	2000	
Ag	107	115	He	0.003	ug/l	440.4	100	
Cd	111	115	He	0.036	ug/l	99.1	5000	
Sn	118	115	He	-0.161	ug/l	N/A	200	
Sb	121	115	He	0.008	ug/l	328.2	200	
Ba	135	159	He	-0.121	ug/l	N/A	20000	
Tl	205	209	He	-0.071	ug/l	N/A	1000	
[Pb]	206	209	He	0.104	ug/l	25.9		
[Pb]	207	209	He	0.081	ug/l	28.8		
Pb	208	209	He	0.092	ug/l	6.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1870872.18	6.2	110.8	60	125	
Sc (ISICPMS)	45	H2	1013641.34	5.2	101.3	60	125	
Sc (ISICPMS)	45	He	38024.98	0.9	100.0	60	125	
Ge (IS)	74	H2	180278.35	2.0	102.1	60	125	
Ge (IS)	74	He	21626.07	2.5	95.9	60	125	
Kr	83	He	13.35	173.2	200.0			
In-1	115	He	56943.16	1.5	96.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	357034.56	0.4	100.1	60	125	
Bi (IS)	209	He	313014.67	0.3	98.4	60	125	

Sample Report

File Name 027SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:17:52

Sample Name **MB 460-775593/1-A**

Comment ---

Dilution **1.0000**

Vial # 2101

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.009	ug/l	62.4	2000	
B	11	6	No Gas	0.114	ug/l	98.2	500	
Na	23	45	He	-77.991	ug/l	N/A	500000	
Mg	24	45	He	0.812	ug/l	103.6	500000	
Al	27	45	He	-1.222	ug/l	N/A	200000	
K	39	45	He	12.866	ug/l	77.8	500000	
Ca	40	45	H2	0.895	ug/l	69.0	500000	
Ti	47	45	He	-0.001	ug/l	N/A	5000	
V	51	45	He	-0.492	ug/l	N/A	5000	
Cr	52	45	He	-0.154	ug/l	N/A	20000	
Mn	55	45	He	0.007	ug/l	488.4	10000	
Fe	56	45	H2	-0.236	ug/l	N/A	500000	
Co	59	45	He	-0.021	ug/l	N/A	2000	
Ni	60	45	He	-0.050	ug/l	N/A	20000	
Cu	63	45	He	0.141	ug/l	24.0	20000	
Zn	66	45	He	0.313	ug/l	70.1	20000	
As	75	45	He	-0.137	ug/l	N/A	5000	
Se	78	45	H2	-0.044	ug/l	N/A	2000	
Sr	88	115	He	-0.049	ug/l	N/A	5000	
Mo	95	115	He	0.019	ug/l	86.6	2000	
Ag	107	115	He	0.008	ug/l	84.5	100	
Cd	111	115	He	0.012	ug/l	173.2	5000	
Sn	118	115	He	0.025	ug/l	459.1	200	
Sb	121	115	He	0.012	ug/l	101.8	200	
Ba	135	159	He	-0.201	ug/l	0.0	20000	
Tl	205	209	He	-0.065	ug/l	N/A	1000	
[Pb]	206	209	He	0.069	ug/l	37.1		
[Pb]	207	209	He	0.048	ug/l	13.8		
Pb	208	209	He	0.071	ug/l	8.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1873472.21	4.2	111.0	60	125	
Sc (ISICPMS)	45	H2	1042342.16	0.9	104.1	60	125	
Sc (ISICPMS)	45	He	38215.58	0.1	100.5	60	125	
Ge (IS)	74	H2	182212.53	1.1	103.2	60	125	
Ge (IS)	74	He	22023.68	1.8	97.7	60	125	
Kr	83	He	16.68	124.9	250.0			
In-1	115	He	57602.08	0.5	97.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	352564.66	1.5	98.9	60	125	
Bi (IS)	209	He	316125.28	0.4	99.3	60	125	

Sample Report

File Name 028SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:20:03

Sample Name **MB 460-775594/1-A**

Comment ---

Dilution **1.0000**

Vial # 2401

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.035	ug/l	70.1	2000	
B	11	6	No Gas	-0.025	ug/l	N/A	500	
Na	23	45	He	-75.901	ug/l	N/A	500000	
Mg	24	45	He	0.550	ug/l	99.7	500000	
Al	27	45	He	-0.909	ug/l	N/A	200000	
K	39	45	He	23.755	ug/l	46.7	500000	
Ca	40	45	H2	0.817	ug/l	81.5	500000	
Ti	47	45	He	0.001	ug/l	16279.4	5000	
V	51	45	He	-0.292	ug/l	N/A	5000	
Cr	52	45	He	-0.210	ug/l	N/A	20000	
Mn	55	45	He	-0.170	ug/l	N/A	10000	
Fe	56	45	H2	0.037	ug/l	771.3	500000	
Co	59	45	He	-0.003	ug/l	N/A	2000	
Ni	60	45	He	0.051	ug/l	257.3	20000	
Cu	63	45	He	0.098	ug/l	76.5	20000	
Zn	66	45	He	0.249	ug/l	88.9	20000	
As	75	45	He	-0.105	ug/l	N/A	5000	
Se	78	45	H2	-0.021	ug/l	N/A	2000	
Sr	88	115	He	-0.036	ug/l	N/A	5000	
Mo	95	115	He	0.014	ug/l	1.0	2000	
Ag	107	115	He	0.007	ug/l	203.3	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.127	ug/l	N/A	200	
Sb	121	115	He	0.031	ug/l	131.2	200	
Ba	135	159	He	-0.201	ug/l	0.0	20000	
Tl	205	209	He	-0.072	ug/l	N/A	1000	
[Pb]	206	209	He	0.069	ug/l	78.5		
[Pb]	207	209	He	0.024	ug/l	46.2		
Pb	208	209	He	0.056	ug/l	25.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1901684.29	1.7	112.7	60	125	
Sc (ISICPMS)	45	H2	1008329.70	1.7	100.7	60	125	
Sc (ISICPMS)	45	He	37797.76	0.5	99.4	60	125	
Ge (IS)	74	H2	176903.13	0.3	100.2	60	125	
Ge (IS)	74	He	21659.42	1.6	96.0	60	125	
Kr	83	He	16.68	91.7	250.0			
In-1	115	He	57530.27	1.0	97.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	356277.32	0.4	99.9	60	125	
Bi (IS)	209	He	314820.10	0.6	98.9	60	125	

Sample Report

File Name 029SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:22:15

Sample Name **460-232845-F-12-B**

Comment ---

Dilution **1.0000**

Vial # 3302

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.005	ug/l	N/A	2000	
B	11	6	No Gas	-0.360	ug/l	N/A	500	
Na	23	45	He	-122.739	ug/l	N/A	500000	
Mg	24	45	He	0.313	ug/l	113.3	500000	
Al	27	45	He	0.716	ug/l	241.1	200000	
K	39	45	He	5.264	ug/l	610.0	500000	
Ca	40	45	H2	4.690	ug/l	26.6	500000	
Ti	47	45	He	0.122	ug/l	357.0	5000	
V	51	45	He	-0.612	ug/l	N/A	5000	
Cr	52	45	He	-0.407	ug/l	N/A	20000	
Mn	55	45	He	-0.095	ug/l	N/A	10000	
Fe	56	45	H2	0.811	ug/l	51.0	500000	
Co	59	45	He	-0.008	ug/l	N/A	2000	
Ni	60	45	He	-0.130	ug/l	N/A	20000	
Cu	63	45	He	0.118	ug/l	9.3	20000	
Zn	66	45	He	0.563	ug/l	75.1	20000	
As	75	45	He	-0.100	ug/l	N/A	5000	
Se	78	45	H2	-0.065	ug/l	N/A	2000	
Sr	88	115	He	-0.003	ug/l	N/A	5000	
Mo	95	115	He	0.027	ug/l	83.9	2000	
Ag	107	115	He	-0.018	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.068	ug/l	N/A	200	
Sb	121	115	He	-0.004	ug/l	N/A	200	
Ba	135	159	He	-0.162	ug/l	N/A	20000	
Tl	205	209	He	-0.076	ug/l	N/A	1000	
[Pb]	206	209	He	0.057	ug/l	35.8		
[Pb]	207	209	He	0.067	ug/l	50.6		
Pb	208	209	He	0.067	ug/l	6.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1958124.40	2.1	116.0	60	125	
Sc (ISICPMS)	45	H2	1066708.21	4.3	106.6	60	125	
Sc (ISICPMS)	45	He	39362.15	1.4	103.5	60	125	
Ge (IS)	74	H2	177901.81	2.0	100.8	60	125	
Ge (IS)	74	He	22177.43	1.4	98.3	60	125	
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	60676.01	2.7	102.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	368466.75	0.5	103.3	60	125	
Bi (IS)	209	He	326630.02	1.6	102.6	60	125	

Sample Report

File Name 030SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:24:27

Sample Name **460-233050-G-6-A**

Comment ---

Dilution **1.0000**

Vial # 3303

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.006	ug/l	66.6	2000	
B	11	6	No Gas	-0.472	ug/l	N/A	500	
Na	23	45	He	-123.456	ug/l	N/A	500000	
Mg	24	45	He	0.652	ug/l	91.6	500000	
Al	27	45	He	0.962	ug/l	126.8	200000	
K	39	45	He	-6.462	ug/l	N/A	500000	
Ca	40	45	H2	2.427	ug/l	12.1	500000	
Ti	47	45	He	-0.004	ug/l	N/A	5000	
V	51	45	He	-0.537	ug/l	N/A	5000	
Cr	52	45	He	-0.612	ug/l	N/A	20000	
Mn	55	45	He	-0.221	ug/l	N/A	10000	
Fe	56	45	H2	0.474	ug/l	10.7	500000	
Co	59	45	He	-0.025	ug/l	N/A	2000	
Ni	60	45	He	-0.182	ug/l	N/A	20000	
Cu	63	45	He	-0.043	ug/l	N/A	20000	
Zn	66	45	He	0.798	ug/l	12.9	20000	
As	75	45	He	-0.188	ug/l	N/A	5000	
Se	78	45	H2	0.014	ug/l	863.3	2000	
Sr	88	115	He	-0.037	ug/l	N/A	5000	
Mo	95	115	He	0.014	ug/l	101.0	2000	
Ag	107	115	He	-0.018	ug/l	N/A	100	
Cd	111	115	He	0.011	ug/l	173.2	5000	
Sn	118	115	He	-0.263	ug/l	N/A	200	
Sb	121	115	He	-0.026	ug/l	N/A	200	
Ba	135	159	He	-0.083	ug/l	N/A	20000	
Tl	205	209	He	-0.070	ug/l	N/A	1000	
[Pb]	206	209	He	0.074	ug/l	41.2		
[Pb]	207	209	He	0.030	ug/l	110.4		
Pb	208	209	He	0.067	ug/l	21.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1946256.83	1.9	115.3	60	125	
Sc (ISICPMS)	45	H2	1043407.40	2.0	104.2	60	125	
Sc (ISICPMS)	45	He	39415.67	0.7	103.7	60	125	
Ge (IS)	74	H2	179480.28	1.7	101.7	60	125	
Ge (IS)	74	He	22511.63	5.6	99.8	60	125	
Kr	83	He	20.02	132.3	300.0			
In-1	115	He	59052.47	1.5	99.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	367255.95	0.2	103.0	60	125	
Bi (IS)	209	He	329543.21	0.5	103.5	60	125	

Sample Report

File Name 031SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:26:39

Sample Name **460-232862-A-12-B**

Comment ---

Dilution **1.0000**

Vial # 3304

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.002	ug/l	N/A	2000	
B	11	6	No Gas	-0.041	ug/l	N/A	500	
Na	23	45	He	-117.871	ug/l	N/A	500000	
Mg	24	45	He	-0.291	ug/l	N/A	500000	
Al	27	45	He	0.793	ug/l	81.6	200000	
K	39	45	He	13.553	ug/l	87.4	500000	
Ca	40	45	H2	-3.869	ug/l	N/A	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	-0.572	ug/l	N/A	5000	
Cr	52	45	He	-0.608	ug/l	N/A	20000	
Mn	55	45	He	-0.173	ug/l	N/A	10000	
Fe	56	45	H2	-0.711	ug/l	N/A	500000	
Co	59	45	He	-0.015	ug/l	N/A	2000	
Ni	60	45	He	-0.166	ug/l	N/A	20000	
Cu	63	45	He	-0.029	ug/l	N/A	20000	
Zn	66	45	He	0.671	ug/l	7.9	20000	
As	75	45	He	-0.171	ug/l	N/A	5000	
Se	78	45	H2	-0.083	ug/l	N/A	2000	
Sr	88	115	He	-0.050	ug/l	N/A	5000	
Mo	95	115	He	0.014	ug/l	99.5	2000	
Ag	107	115	He	-0.020	ug/l	N/A	100	
Cd	111	115	He	0.045	ug/l	113.9	5000	
Sn	118	115	He	-0.430	ug/l	N/A	200	
Sb	121	115	He	-0.009	ug/l	N/A	200	
Ba	135	159	He	-0.201	ug/l	0.0	20000	
Tl	205	209	He	-0.078	ug/l	N/A	1000	
[Pb]	206	209	He	0.034	ug/l	52.2		
[Pb]	207	209	He	0.025	ug/l	128.8		
Pb	208	209	He	0.047	ug/l	32.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1974309.43	4.1	117.0	60	125	
Sc (ISICPMS)	45	H2	1063538.25	2.1	106.2	60	125	
Sc (ISICPMS)	45	He	38811.69	0.6	102.1	60	125	
Ge (IS)	74	H2	178785.03	0.3	101.3	60	125	
Ge (IS)	74	He	21956.90	2.0	97.4	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	60202.68	1.8	101.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	370146.07	0.4	103.8	60	125	
Bi (IS)	209	He	330186.62	0.6	103.7	60	125	

Sample Report

File Name 032SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:28:51

Sample Name **LCS 460-775437/2-A**

Comment ---

Dilution **1.0000**

Vial # 3102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	24.546	ug/l	2.8	2000	
B	11	6	No Gas	483.712	ug/l	0.8	500	
Na	23	45	He	2679.695	ug/l	1.8	500000	
Mg	24	45	He	2687.436	ug/l	2.5	500000	
Al	27	45	He	2627.889	ug/l	2.6	200000	
K	39	45	He	2603.759	ug/l	1.7	500000	
Ca	40	45	H2	2689.741	ug/l	1.7	500000	
Ti	47	45	He	51.714	ug/l	1.9	5000	
V	51	45	He	50.793	ug/l	3.4	5000	
Cr	52	45	He	51.013	ug/l	1.8	20000	
Mn	55	45	He	264.990	ug/l	1.9	10000	
Fe	56	45	H2	2592.981	ug/l	3.4	500000	
Co	59	45	He	26.106	ug/l	2.1	2000	
Ni	60	45	He	54.001	ug/l	3.8	20000	
Cu	63	45	He	54.524	ug/l	2.3	20000	
Zn	66	45	He	257.580	ug/l	0.5	20000	
As	75	45	He	51.164	ug/l	4.1	5000	
Se	78	45	H2	51.894	ug/l	1.9	2000	
Sr	88	115	He	51.060	ug/l	1.0	5000	
Mo	95	115	He	50.846	ug/l	0.3	2000	
Ag	107	115	He	25.687	ug/l	0.6	100	
Cd	111	115	He	26.381	ug/l	4.7	5000	
Sn	118	115	He	56.352	ug/l	13.3	200	
Sb	121	115	He	24.912	ug/l	2.3	200	
Ba	135	159	He	53.486	ug/l	6.6	20000	
Tl	205	209	He	19.873	ug/l	2.4	1000	
[Pb]	206	209	He	25.786	ug/l	1.9		
[Pb]	207	209	He	25.356	ug/l	1.6		
Pb	208	209	He	25.395	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1907570.21	1.7	113.0	60	125	
Sc (ISICPMS)	45	H2	1020092.95	4.7	101.9	60	125	
Sc (ISICPMS)	45	He	38098.62	0.7	100.2	60	125	
Ge (IS)	74	H2	176810.69	4.1	100.2	60	125	
Ge (IS)	74	He	22986.36	4.6	101.9	60	125	
Kr	83	He	26.69	57.3	400.0			
In-1	115	He	57989.11	1.3	98.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	356693.23	0.9	100.0	60	125	
Bi (IS)	209	He	319413.89	1.8	100.4	60	125	

Sample Report

File Name 033SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:31:01

Sample Name **LCSSRM 460-775602/2-A@5**

Comment ---

Dilution **1.0000**

Vial # 2402

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	324.563	ug/l	3.6	2000	
B	11	6	No Gas	542.061	ug/l	2.7	500	>LDR 6020B
Na	23	45	He	200.959	ug/l	7.3	500000	
Mg	24	45	He	4981.479	ug/l	0.6	500000	
Al	27	45	He	15372.106	ug/l	1.0	200000	
K	39	45	He	4038.012	ug/l	2.1	500000	
Ca	40	45	H2	9900.589	ug/l	0.9	500000	
Ti	47	45	He	847.549	ug/l	3.2	5000	
V	51	45	He	208.879	ug/l	2.3	5000	
Cr	52	45	He	246.287	ug/l	0.4	20000	
Mn	55	45	He	675.916	ug/l	2.8	10000	
Fe	56	45	H2	29261.745	ug/l	3.7	500000	
Co	59	45	He	199.727	ug/l	1.4	2000	
Ni	60	45	He	170.354	ug/l	1.1	20000	
Cu	63	45	He	312.655	ug/l	2.5	20000	
Zn	66	45	He	665.004	ug/l	0.9	20000	
As	75	45	He	353.131	ug/l	0.8	5000	
Se	78	45	H2	393.626	ug/l	5.5	2000	
Sr	88	115	He	201.324	ug/l	2.1	5000	
Mo	95	115	He	96.323	ug/l	2.2	2000	
Ag	107	115	He	54.179	ug/l	2.6	100	
Cd	111	115	He	304.432	ug/l	2.0	5000	
Sn	118	115	He	209.092	ug/l	1.5	200	>LDR 6020B
Sb	121	115	He	165.178	ug/l	2.9	200	
Ba	135	159	He	280.870	ug/l	2.4	20000	
Tl	205	209	He	195.567	ug/l	2.2	1000	
[Pb]	206	209	He	175.707	ug/l	1.0		
[Pb]	207	209	He	163.141	ug/l	2.3		
Pb	208	209	He	168.588	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1917279.12	3.3	113.6	60	125	
Sc (ISICPMS)	45	H2	1009974.99	1.4	100.9	60	125	
Sc (ISICPMS)	45	He	39246.19	0.9	103.2	60	125	
Ge (IS)	74	H2	199903.16	1.2	113.2	60	125	
Ge (IS)	74	He	24320.05	2.8	107.8	60	125	
Kr	83	He	20.02	100.0	300.0			
In-1	115	He	58156.16	2.0	98.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	364298.45	1.0	102.1	60	125	
Bi (IS)	209	He	318480.06	1.4	100.1	60	125	

Continuing Calibration Verification (CCV)

File Name 034_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:33:11

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	95.190	ug/l	2.7	100	90	110	
B	11	6	No Gas	252.669	ug/l	4.4	250	225	275	
Na	23	45	He	25474.152	ug/l	3.2	25000	22500	27500	
Mg	24	45	He	26695.901	ug/l	1.4	25000	22500	27500	
Al	27	45	He	25536.850	ug/l	1.5	25000	22500	27500	
K	39	45	He	25897.484	ug/l	1.1	25000	22500	27500	
Ca	40	45	H2	25230.855	ug/l	0.3	25000	22500	27500	
Ti	47	45	He	93.003	ug/l	3.2	100	90	110	
V	51	45	He	100.107	ug/l	1.3	100	90	110	
Cr	52	45	He	99.744	ug/l	0.9	100	90	110	
Mn	55	45	He	100.866	ug/l	0.8	100	90	110	
Fe	56	45	H2	24914.436	ug/l	3.7	25000	22500	27500	
Co	59	45	He	102.949	ug/l	0.5	100	90	110	
Ni	60	45	He	99.702	ug/l	0.8	100	90	110	
Cu	63	45	He	102.921	ug/l	1.5	100	90	110	
Zn	66	45	He	255.876	ug/l	2.1	250	225	275	
As	75	45	He	101.829	ug/l	0.1	100	90	110	
Se	78	45	H2	103.405	ug/l	2.5	100	90	110	
Sr	88	115	He	97.396	ug/l	2.3	100	90	110	
Mo	95	115	He	96.347	ug/l	1.1	100	90	110	
Ag	107	115	He	48.527	ug/l	1.3	50	45	55	
Cd	111	115	He	98.415	ug/l	2.9	100	90	110	
Sn	118	115	He	100.808	ug/l	2.3	100	90	110	
Sb	121	115	He	97.032	ug/l	2.0	100	90	110	
Ba	135	159	He	98.132	ug/l	2.2	100	90	110	
Tl	205	209	He	99.029	ug/l	0.9	100	90	110	
[Pb]	206	209	He	99.892	ug/l	1.0				
[Pb]	207	209	He	98.322	ug/l	0.5				
Pb	208	209	He	98.422	ug/l	0.6	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1943577.07	2.3	115.2	60	125	
Sc (ISICPMS)	45	H2	1019241.28	4.5	101.8	60	125	
Sc (ISICPMS)	45	He	37977.32	0.9	99.9	60	125	
Ge (IS)	74	H2	194288.15	2.5	110.1	60	125	
Ge (IS)	74	He	23504.55	1.5	104.2	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	59353.56	2.0	100.4	60	125	
Tb (IS)	159	He	363308.18	0.5	101.9	60	125	
Bi (IS)	209	He	314053.25	0.3	98.7	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 035_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:35:19

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.061	ug/l	28.7	0.8	-0.8	0.8	
B	11	6	No Gas	9.572	ug/l	2.9	40	-40	40	
Na	23	45	He	-84.904	ug/l	N/A	500	-500	500	
Mg	24	45	He	11.131	ug/l	4.7	200	-200	200	
Al	27	45	He	10.190	ug/l	22.5	40	-40	40	
K	39	45	He	23.579	ug/l	126.0	200	-200	200	
Ca	40	45	H2	19.530	ug/l	6.9	500	-500	500	
Ti	47	45	He	0.481	ug/l	117.0	4	-4	4	
V	51	45	He	-0.337	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.060	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.231	ug/l	58.0	8	-8	8	
Fe	56	45	H2	13.279	ug/l	7.4	60	-60	60	
Co	59	45	He	0.020	ug/l	60.5	4	-4	4	
Ni	60	45	He	0.099	ug/l	120.6	4	-4	4	
Cu	63	45	He	0.225	ug/l	13.5	4	-4	4	
Zn	66	45	He	0.688	ug/l	18.3	16	-16	16	
As	75	45	He	0.039	ug/l	182.7	2	-2	2	
Se	78	45	H2	0.101	ug/l	89.5	2.5	-2.5	2.5	
Sr	88	115	He	0.145	ug/l	60.6	4	-4	4	
Mo	95	115	He	0.093	ug/l	68.6	4	-4	4	
Ag	107	115	He	0.014	ug/l	145.1	2	-2	2	
Cd	111	115	He	0.102	ug/l	34.6	2	-2	2	
Sn	118	115	He	0.159	ug/l	60.7	16	-16	16	
Sb	121	115	He	0.051	ug/l	29.5	2	-2	2	
Ba	135	159	He	0.190	ug/l	71.1	4	-4	4	
Tl	205	209	He	-0.012	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.231	ug/l	17.1				
[Pb]	207	209	He	0.239	ug/l	13.6				
Pb	208	209	He	0.226	ug/l	9.7	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1953615.60	0.7	115.7	60	125	
Sc (ISICPMS)	45	H2	1080602.72	2.2	108.0	60	125	
Sc (ISICPMS)	45	He	40107.67	1.5	105.5	60	125	
Ge (IS)	74	H2	189085.79	0.4	107.1	60	125	
Ge (IS)	74	He	22979.65	1.9	101.9	60	125	
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	60282.54	1.4	102.0	60	125	
Tb (IS)	159	He	367461.56	1.3	103.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	322693.56	1.3	101.4	60	125	

Sample Report

File Name 036SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:37:31

Sample Name **LCSSRM 460-775422/2-A@5**

Comment ---

Dilution **1.0000**

Vial # 2102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	331.960	ug/l	3.7	2000	
B	11	6	No Gas	555.121	ug/l	3.3	500	>LDR 6020B
Na	23	45	He	163.868	ug/l	6.2	500000	
Mg	24	45	He	4916.047	ug/l	1.3	500000	
Al	27	45	He	15361.285	ug/l	1.7	200000	
K	39	45	He	4120.471	ug/l	2.1	500000	
Ca	40	45	H2	10055.693	ug/l	2.8	500000	
Ti	47	45	He	843.918	ug/l	4.4	5000	
V	51	45	He	209.246	ug/l	1.3	5000	
Cr	52	45	He	248.439	ug/l	0.9	20000	
Mn	55	45	He	679.450	ug/l	2.2	10000	
Fe	56	45	H2	29737.608	ug/l	2.9	500000	
Co	59	45	He	201.942	ug/l	1.9	2000	
Ni	60	45	He	174.163	ug/l	1.8	20000	
Cu	63	45	He	318.351	ug/l	1.8	20000	
Zn	66	45	He	662.803	ug/l	1.9	20000	
As	75	45	He	354.195	ug/l	1.4	5000	
Se	78	45	H2	397.176	ug/l	4.9	2000	
Sr	88	115	He	200.184	ug/l	2.5	5000	
Mo	95	115	He	96.789	ug/l	1.5	2000	
Ag	107	115	He	53.804	ug/l	0.7	100	
Cd	111	115	He	298.278	ug/l	1.1	5000	
Sn	118	115	He	211.311	ug/l	2.6	200	>LDR 6020B
Sb	121	115	He	166.861	ug/l	0.5	200	
Ba	135	159	He	287.073	ug/l	1.7	20000	
Tl	205	209	He	196.102	ug/l	1.7	1000	
[Pb]	206	209	He	176.869	ug/l	0.6		
[Pb]	207	209	He	164.238	ug/l	1.5		
Pb	208	209	He	170.286	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1932145.46	2.5	114.5	60	125	
Sc (ISICPMS)	45	H2	1042268.14	1.7	104.1	60	125	
Sc (ISICPMS)	45	He	40544.65	0.3	106.7	60	125	
Ge (IS)	74	H2	208325.52	2.1	118.0	60	125	
Ge (IS)	74	He	25550.35	3.2	113.3	60	125	
Kr	83	He	23.36	65.5	350.0			
In-1	115	He	60354.79	1.2	102.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	373071.50	1.3	104.6	60	125	
Bi (IS)	209	He	324087.20	0.5	101.8	60	125	

Sample Report

File Name 037SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:39:40

Sample Name **LCSSRM 460-775422/2-A@5**

Comment ---

Dilution **1.0000**

Vial # 2402

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	331.031	ug/l	3.7	2000	
B	11	6	No Gas	564.027	ug/l	1.7	500	>LDR 6020B
Na	23	45	He	157.670	ug/l	24.1	500000	
Mg	24	45	He	4929.252	ug/l	4.8	500000	
Al	27	45	He	15404.615	ug/l	1.8	200000	
K	39	45	He	4137.436	ug/l	1.5	500000	
Ca	40	45	H2	10129.469	ug/l	4.1	500000	
Ti	47	45	He	847.264	ug/l	2.3	5000	
V	51	45	He	211.409	ug/l	1.6	5000	
Cr	52	45	He	246.467	ug/l	2.0	20000	
Mn	55	45	He	686.201	ug/l	1.0	10000	
Fe	56	45	H2	29747.406	ug/l	3.0	500000	
Co	59	45	He	200.030	ug/l	2.8	2000	
Ni	60	45	He	175.929	ug/l	2.9	20000	
Cu	63	45	He	322.768	ug/l	2.4	20000	
Zn	66	45	He	667.348	ug/l	3.2	20000	
As	75	45	He	351.551	ug/l	1.4	5000	
Se	78	45	H2	390.207	ug/l	9.3	2000	
Sr	88	115	He	200.286	ug/l	2.8	5000	
Mo	95	115	He	96.760	ug/l	2.2	2000	
Ag	107	115	He	54.475	ug/l	1.6	100	
Cd	111	115	He	297.724	ug/l	4.2	5000	
Sn	118	115	He	210.569	ug/l	2.7	200	>LDR 6020B
Sb	121	115	He	166.669	ug/l	3.0	200	
Ba	135	159	He	294.513	ug/l	0.8	20000	
Tl	205	209	He	198.206	ug/l	0.5	1000	
[Pb]	206	209	He	176.523	ug/l	0.9		
[Pb]	207	209	He	164.949	ug/l	1.5		
Pb	208	209	He	171.151	ug/l	1.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1914285.60	2.1	113.4	60	125	
Sc (ISICPMS)	45	H2	1077566.74	6.4	107.6	60	125	
Sc (ISICPMS)	45	He	40151.26	2.3	105.6	60	125	
Ge (IS)	74	H2	208752.41	1.8	118.3	60	125	
Ge (IS)	74	He	25199.16	3.7	111.7	60	125	
Kr	83	He	16.68	34.6	250.0			
In-1	115	He	59494.76	2.9	100.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	367910.49	0.5	103.2	60	125	
Bi (IS)	209	He	318035.34	0.5	99.9	60	125	

Sample Report

File Name 038SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:41:51

Sample Name **pds 460-232845-E-9-C**

Comment ---

Dilution **1.0000**

Vial # 3103

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	24.776	ug/l	4.0	2000	
B	11	6	No Gas	631.592	ug/l	5.2	500	>LDR 6020B
Na	23	45	He	83885.428	ug/l	1.8	500000	
Mg	24	45	He	5471.534	ug/l	1.7	500000	
Al	27	45	He	2641.584	ug/l	1.6	200000	
K	39	45	He	3121.633	ug/l	1.9	500000	
Ca	40	45	H2	15421.787	ug/l	2.5	500000	
Ti	47	45	He	51.882	ug/l	5.8	5000	
V	51	45	He	52.065	ug/l	1.3	5000	
Cr	52	45	He	51.961	ug/l	2.5	20000	
Mn	55	45	He	728.096	ug/l	2.2	10000	
Fe	56	45	H2	3804.413	ug/l	2.1	500000	
Co	59	45	He	26.536	ug/l	1.0	2000	
Ni	60	45	He	54.764	ug/l	1.2	20000	
Cu	63	45	He	56.551	ug/l	2.1	20000	
Zn	66	45	He	263.599	ug/l	3.8	20000	
As	75	45	He	50.102	ug/l	1.4	5000	
Se	78	45	H2	50.312	ug/l	9.6	2000	
Sr	88	115	He	126.519	ug/l	2.2	5000	
Mo	95	115	He	51.711	ug/l	1.2	2000	
Ag	107	115	He	25.551	ug/l	1.6	100	
Cd	111	115	He	26.496	ug/l	6.9	5000	
Sn	118	115	He	53.210	ug/l	0.3	200	
Sb	121	115	He	25.789	ug/l	2.1	200	
Ba	135	159	He	73.841	ug/l	4.3	20000	
Tl	205	209	He	20.112	ug/l	0.6	1000	
[Pb]	206	209	He	27.349	ug/l	1.4		
[Pb]	207	209	He	26.678	ug/l	0.6		
Pb	208	209	He	26.984	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1923702.06	3.5	114.0	60	125	
Sc (ISICPMS)	45	H2	1067241.33	4.3	106.6	60	125	
Sc (ISICPMS)	45	He	39038.00	1.8	102.7	60	125	
Ge (IS)	74	H2	202062.47	4.5	114.5	60	125	
Ge (IS)	74	He	24724.41	0.9	109.6	60	125	
Kr	83	He	16.68	91.7	250.0			
In-1	115	He	57702.41	1.0	97.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	359226.18	0.7	100.7	60	125	
Bi (IS)	209	He	313765.03	0.4	98.6	60	125	

Sample Report

File Name 039SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:44:01

Sample Name **460-232845-E-9-D MS**

Comment ---

Dilution **1.0000**

Vial # 3104

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	25.731	ug/l	3.5	2000	
B	11	6	No Gas	643.416	ug/l	4.5	500	>LDR 6020B
Na	23	45	He	90487.141	ug/l	1.4	500000	
Mg	24	45	He	5746.275	ug/l	1.1	500000	
Al	27	45	He	2818.456	ug/l	4.5	200000	
K	39	45	He	3378.069	ug/l	2.7	500000	
Ca	40	45	H2	16513.493	ug/l	4.1	500000	
Ti	47	45	He	59.825	ug/l	3.0	5000	
V	51	45	He	54.685	ug/l	1.0	5000	
Cr	52	45	He	54.333	ug/l	2.7	20000	
Mn	55	45	He	772.464	ug/l	2.3	10000	
Fe	56	45	H2	3941.981	ug/l	2.8	500000	
Co	59	45	He	28.561	ug/l	3.3	2000	
Ni	60	45	He	57.472	ug/l	3.6	20000	
Cu	63	45	He	61.081	ug/l	3.5	20000	
Zn	66	45	He	275.855	ug/l	3.0	20000	
As	75	45	He	55.382	ug/l	1.4	5000	
Se	78	45	H2	54.861	ug/l	9.8	2000	
Sr	88	115	He	127.313	ug/l	1.8	5000	
Mo	95	115	He	54.532	ug/l	2.0	2000	
Ag	107	115	He	26.700	ug/l	1.2	100	
Cd	111	115	He	29.269	ug/l	3.0	5000	
Sn	118	115	He	54.562	ug/l	1.1	200	
Sb	121	115	He	27.332	ug/l	1.6	200	
Ba	135	159	He	80.314	ug/l	6.7	20000	
Tl	205	209	He	21.292	ug/l	1.8	1000	
[Pb]	206	209	He	28.772	ug/l	1.7		
[Pb]	207	209	He	27.967	ug/l	1.4		
Pb	208	209	He	28.532	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1904183.29	3.4	112.8	60	125	
Sc (ISICPMS)	45	H2	1038100.49	4.1	103.7	60	125	
Sc (ISICPMS)	45	He	37619.57	1.3	99.0	60	125	
Ge (IS)	74	H2	185365.81	2.3	105.0	60	125	
Ge (IS)	74	He	23617.98	1.6	104.7	60	125	
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	56600.47	0.4	95.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	351603.58	1.3	98.6	60	125	
Bi (IS)	209	He	306956.34	1.9	96.4	60	125	

Sample Report

File Name 040SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:46:10

Sample Name **460-232845-A-9-B DU**

Comment ---

Dilution **1.0000**

Vial # 3105

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.093	ug/l	15.8	2000	
B	11	6	No Gas	129.094	ug/l	1.2	500	
Na	23	45	He	82527.680	ug/l	2.4	500000	
Mg	24	45	He	2835.274	ug/l	3.6	500000	
Al	27	45	He	69.874	ug/l	8.4	200000	
K	39	45	He	557.170	ug/l	2.0	500000	
Ca	40	45	H2	12819.072	ug/l	2.3	500000	
Ti	47	45	He	2.230	ug/l	77.2	5000	
V	51	45	He	0.510	ug/l	43.4	5000	
Cr	52	45	He	0.477	ug/l	26.4	20000	
Mn	55	45	He	480.219	ug/l	3.2	10000	
Fe	56	45	H2	1200.917	ug/l	2.8	500000	
Co	59	45	He	1.129	ug/l	5.1	2000	
Ni	60	45	He	2.692	ug/l	6.3	20000	
Cu	63	45	He	4.214	ug/l	3.4	20000	
Zn	66	45	He	6.759	ug/l	5.2	20000	
As	75	45	He	1.045	ug/l	17.1	5000	
Se	78	45	H2	0.458	ug/l	23.5	2000	
Sr	88	115	He	72.694	ug/l	2.4	5000	
Mo	95	115	He	0.234	ug/l	16.7	2000	
Ag	107	115	He	0.049	ug/l	42.4	100	
Cd	111	115	He	0.119	ug/l	35.5	5000	
Sn	118	115	He	0.052	ug/l	295.3	200	
Sb	121	115	He	0.262	ug/l	20.3	200	
Ba	135	159	He	22.058	ug/l	6.9	20000	
Tl	205	209	He	-0.027	ug/l	N/A	1000	
[Pb]	206	209	He	1.236	ug/l	6.2		
[Pb]	207	209	He	1.106	ug/l	10.0		
Pb	208	209	He	1.169	ug/l	3.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1861157.98	2.1	110.3	60	125	
Sc (ISICPMS)	45	H2	1035931.95	3.4	103.5	60	125	
Sc (ISICPMS)	45	He	37712.19	2.7	99.2	60	125	
Ge (IS)	74	H2	187968.10	2.2	106.5	60	125	
Ge (IS)	74	He	23684.94	1.9	105.0	60	125	
Kr	83	He	16.68	34.6	250.0			
In-1	115	He	57190.82	1.4	96.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	350919.02	1.2	98.4	60	125	
Bi (IS)	209	He	313633.87	0.7	98.5	60	125	

Sample Report

File Name 041SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:48:20

Sample Name **460-232845-E-9-C**

Comment ---

Dilution **1.0000**

Vial # 3106

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.089	ug/l	39.8	2000	
B	11	6	No Gas	121.784	ug/l	4.5	500	
Na	23	45	He	82484.007	ug/l	3.1	500000	
Mg	24	45	He	2818.893	ug/l	2.2	500000	
Al	27	45	He	63.426	ug/l	8.7	200000	
K	39	45	He	555.089	ug/l	5.0	500000	
Ca	40	45	H2	12804.522	ug/l	3.0	500000	
Ti	47	45	He	1.038	ug/l	62.0	5000	
V	51	45	He	0.602	ug/l	39.9	5000	
Cr	52	45	He	0.464	ug/l	32.3	20000	
Mn	55	45	He	470.487	ug/l	2.4	10000	
Fe	56	45	H2	1223.685	ug/l	5.1	500000	
Co	59	45	He	1.123	ug/l	9.4	2000	
Ni	60	45	He	2.534	ug/l	1.9	20000	
Cu	63	45	He	4.347	ug/l	2.1	20000	
Zn	66	45	He	6.895	ug/l	15.9	20000	
As	75	45	He	0.968	ug/l	18.8	5000	
Se	78	45	H2	0.472	ug/l	15.8	2000	
Sr	88	115	He	72.045	ug/l	0.8	5000	
Mo	95	115	He	0.204	ug/l	28.5	2000	
Ag	107	115	He	0.012	ug/l	56.2	100	
Cd	111	115	He	0.166	ug/l	32.7	5000	
Sn	118	115	He	0.026	ug/l	563.8	200	
Sb	121	115	He	0.265	ug/l	39.2	200	
Ba	135	159	He	21.493	ug/l	7.2	20000	
Tl	205	209	He	-0.046	ug/l	N/A	1000	
[Pb]	206	209	He	1.308	ug/l	10.4		
[Pb]	207	209	He	1.085	ug/l	11.3		
Pb	208	209	He	1.201	ug/l	9.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1834152.87	2.1	108.7	60	125	
Sc (ISICPMS)	45	H2	1038660.31	3.1	103.8	60	125	
Sc (ISICPMS)	45	He	37599.65	2.4	98.9	60	125	
Ge (IS)	74	H2	191709.29	1.2	108.6	60	125	
Ge (IS)	74	He	23410.86	2.1	103.8	60	125	
Kr	83	He	20.02	NaN	300.0			
In-1	115	He	57253.33	0.5	96.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	348779.74	1.2	97.8	60	125	
Bi (IS)	209	He	305031.65	0.3	95.8	60	125	

Sample Report

File Name 042SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:50:31

Sample Name **sd 460-232845-E-9-C@5**

Comment ---

Dilution **1.0000**

Vial # 3107

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.046	ug/l	40.3	2000	
B	11	6	No Gas	30.737	ug/l	3.7	500	
Na	23	45	He	17257.039	ug/l	4.4	500000	
Mg	24	45	He	577.867	ug/l	3.1	500000	
Al	27	45	He	12.892	ug/l	23.8	200000	
K	39	45	He	114.604	ug/l	14.9	500000	
Ca	40	45	H2	2714.281	ug/l	1.6	500000	
Ti	47	45	He	0.258	ug/l	152.4	5000	
V	51	45	He	-0.249	ug/l	N/A	5000	
Cr	52	45	He	-0.207	ug/l	N/A	20000	
Mn	55	45	He	96.423	ug/l	3.7	10000	
Fe	56	45	H2	256.694	ug/l	2.0	500000	
Co	59	45	He	0.235	ug/l	15.3	2000	
Ni	60	45	He	0.507	ug/l	26.8	20000	
Cu	63	45	He	0.878	ug/l	13.4	20000	
Zn	66	45	He	1.470	ug/l	20.8	20000	
As	75	45	He	0.177	ug/l	115.5	5000	
Se	78	45	H2	-0.004	ug/l	N/A	2000	
Sr	88	115	He	15.155	ug/l	5.0	5000	
Mo	95	115	He	0.034	ug/l	64.3	2000	
Ag	107	115	He	0.019	ug/l	91.0	100	
Cd	111	115	He	0.012	ug/l	173.2	5000	
Sn	118	115	He	-0.126	ug/l	N/A	200	
Sb	121	115	He	0.084	ug/l	57.6	200	
Ba	135	159	He	4.684	ug/l	7.3	20000	
Tl	205	209	He	-0.080	ug/l	N/A	1000	
[Pb]	206	209	He	0.324	ug/l	9.1		
[Pb]	207	209	He	0.243	ug/l	10.6		
Pb	208	209	He	0.295	ug/l	8.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1839953.72	4.1	109.0	60	125	
Sc (ISICPMS)	45	H2	1026930.57	2.5	102.6	60	125	
Sc (ISICPMS)	45	He	38303.70	2.3	100.8	60	125	
Ge (IS)	74	H2	185074.89	0.9	104.8	60	125	
Ge (IS)	74	He	22311.16	3.8	98.9	60	125	
Kr	83	He	16.68	91.7	250.0			
In-1	115	He	57152.91	1.2	96.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	353651.25	1.5	99.2	60	125	
Bi (IS)	209	He	314640.56	1.6	98.9	60	125	

Sample Report

File Name 043SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:52:42

Sample Name **460-232845-E-1-B**

Comment ---

Dilution **1.0000**

Vial # 3108

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.050	ug/l	47.7	2000	
B	11	6	No Gas	801.001	ug/l	4.5	500	>LDR 6020B
Na	23	45	He	12723.729	ug/l	2.0	500000	
Mg	24	45	He	5816.301	ug/l	0.3	500000	
Al	27	45	He	23.601	ug/l	6.3	200000	
K	39	45	He	10511.240	ug/l	0.9	500000	
Ca	40	45	H2	5830.711	ug/l	3.6	500000	
Ti	47	45	He	1.181	ug/l	49.2	5000	
V	51	45	He	0.228	ug/l	132.4	5000	
Cr	52	45	He	0.743	ug/l	2.3	20000	
Mn	55	45	He	5.356	ug/l	13.3	10000	
Fe	56	45	H2	31.796	ug/l	4.0	500000	
Co	59	45	He	0.277	ug/l	17.2	2000	
Ni	60	45	He	1.162	ug/l	1.7	20000	
Cu	63	45	He	2.360	ug/l	4.6	20000	
Zn	66	45	He	3.904	ug/l	10.0	20000	
As	75	45	He	0.223	ug/l	34.1	5000	
Se	78	45	H2	0.500	ug/l	25.9	2000	
Sr	88	115	He	45.351	ug/l	2.5	5000	
Mo	95	115	He	0.189	ug/l	32.3	2000	
Ag	107	115	He	-0.012	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.072	ug/l	106.8	200	
Sb	121	115	He	0.053	ug/l	82.7	200	
Ba	135	159	He	57.978	ug/l	5.0	20000	
Tl	205	209	He	-0.078	ug/l	N/A	1000	
[Pb]	206	209	He	0.110	ug/l	5.7		
[Pb]	207	209	He	0.082	ug/l	7.6		
Pb	208	209	He	0.095	ug/l	19.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1876332.78	4.5	111.2	60	125	
Sc (ISICPMS)	45	H2	1032749.53	4.8	103.2	60	125	
Sc (ISICPMS)	45	He	37370.10	1.7	98.3	60	125	
Ge (IS)	74	H2	194663.98	1.4	110.3	60	125	
Ge (IS)	74	He	23410.75	2.6	103.8	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	57260.76	1.6	96.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	350171.39	1.6	98.2	60	125	
Bi (IS)	209	He	309210.36	2.5	97.2	60	125	

Sample Report

File Name 044SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:54:53

Sample Name **460-232845-E-2-B**

Comment ---

Dilution **1.0000**

Vial # 3109

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.035	ug/l	57.7	2000	
B	11	6	No Gas	815.831	ug/l	2.2	500	>LDR 6020B
Na	23	45	He	12713.194	ug/l	2.1	500000	
Mg	24	45	He	5766.165	ug/l	1.4	500000	
Al	27	45	He	31.751	ug/l	8.8	200000	
K	39	45	He	10366.401	ug/l	1.2	500000	
Ca	40	45	H2	6040.359	ug/l	3.4	500000	
Ti	47	45	He	0.271	ug/l	148.2	5000	
V	51	45	He	0.366	ug/l	44.9	5000	
Cr	52	45	He	0.914	ug/l	16.5	20000	
Mn	55	45	He	13.310	ug/l	3.8	10000	
Fe	56	45	H2	50.792	ug/l	3.0	500000	
Co	59	45	He	0.301	ug/l	15.4	2000	
Ni	60	45	He	1.285	ug/l	14.8	20000	
Cu	63	45	He	2.637	ug/l	4.9	20000	
Zn	66	45	He	3.876	ug/l	13.7	20000	
As	75	45	He	0.411	ug/l	47.3	5000	
Se	78	45	H2	0.552	ug/l	6.3	2000	
Sr	88	115	He	45.471	ug/l	5.4	5000	
Mo	95	115	He	0.222	ug/l	18.0	2000	
Ag	107	115	He	-0.019	ug/l	N/A	100	
Cd	111	115	He	0.012	ug/l	173.2	5000	
Sn	118	115	He	0.223	ug/l	114.9	200	
Sb	121	115	He	0.055	ug/l	37.7	200	
Ba	135	159	He	61.223	ug/l	1.9	20000	
Tl	205	209	He	-0.078	ug/l	N/A	1000	
[Pb]	206	209	He	0.206	ug/l	15.9		
[Pb]	207	209	He	0.177	ug/l	34.1		
Pb	208	209	He	0.171	ug/l	16.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1813512.23	3.1	107.4	60	125	
Sc (ISICPMS)	45	H2	1007391.66	2.6	100.6	60	125	
Sc (ISICPMS)	45	He	37212.80	1.4	97.9	60	125	
Ge (IS)	74	H2	190262.78	1.3	107.8	60	125	
Ge (IS)	74	He	23444.27	2.1	104.0	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	56517.48	0.4	95.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	348669.04	0.7	97.8	60	125	
Bi (IS)	209	He	309743.93	0.9	97.3	60	125	

Sample Report

File Name 045SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:57:05

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.023	ug/l	76.1	2000	
B	11	6	No Gas	22.891	ug/l	4.7	500	
Na	23	45	He	-46.561	ug/l	N/A	500000	
Mg	24	45	He	1.730	ug/l	75.6	500000	
Al	27	45	He	-0.940	ug/l	N/A	200000	
K	39	45	He	25.145	ug/l	56.9	500000	
Ca	40	45	H2	1.217	ug/l	32.6	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	-0.067	ug/l	N/A	5000	
Cr	52	45	He	0.112	ug/l	53.0	20000	
Mn	55	45	He	0.079	ug/l	342.8	10000	
Fe	56	45	H2	0.255	ug/l	49.5	500000	
Co	59	45	He	-0.015	ug/l	N/A	2000	
Ni	60	45	He	0.071	ug/l	77.5	20000	
Cu	63	45	He	0.077	ug/l	74.5	20000	
Zn	66	45	He	0.313	ug/l	90.0	20000	
As	75	45	He	-0.192	ug/l	N/A	5000	
Se	78	45	H2	-0.024	ug/l	N/A	2000	
Sr	88	115	He	0.066	ug/l	58.9	5000	
Mo	95	115	He	0.014	ug/l	100.0	2000	
Ag	107	115	He	0.013	ug/l	28.6	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.232	ug/l	39.1	200	
Sb	121	115	He	-0.002	ug/l	N/A	200	
Ba	135	159	He	-0.120	ug/l	N/A	20000	
Tl	205	209	He	-0.081	ug/l	N/A	1000	
[Pb]	206	209	He	0.008	ug/l	309.0		
[Pb]	207	209	He	-0.021	ug/l	N/A		
Pb	208	209	He	0.013	ug/l	127.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1855920.74	2.7	110.0	60	125	
Sc (ISICPMS)	45	H2	1025222.47	1.5	102.4	60	125	
Sc (ISICPMS)	45	He	36934.53	2.4	97.2	60	125	
Ge (IS)	74	H2	175709.56	0.6	99.5	60	125	
Ge (IS)	74	He	22083.97	2.9	97.9	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	57681.30	0.5	97.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	350827.34	1.2	98.4	60	125	
Bi (IS)	209	He	310193.36	0.5	97.5	60	125	

Continuing Calibration Verification (CCV)

File Name 046_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 09:59:16

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	95.400	ug/l	5.1	100	90	110	
B	11	6	No Gas	254.343	ug/l	5.5	250	225	275	
Na	23	45	He	25234.881	ug/l	0.4	25000	22500	27500	
Mg	24	45	He	25753.728	ug/l	1.9	25000	22500	27500	
Al	27	45	He	24811.768	ug/l	2.2	25000	22500	27500	
K	39	45	He	24877.761	ug/l	3.3	25000	22500	27500	
Ca	40	45	H2	24727.799	ug/l	2.1	25000	22500	27500	
Ti	47	45	He	103.607	ug/l	7.9	100	90	110	
V	51	45	He	97.017	ug/l	2.1	100	90	110	
Cr	52	45	He	97.679	ug/l	1.4	100	90	110	
Mn	55	45	He	98.220	ug/l	3.7	100	90	110	
Fe	56	45	H2	24758.069	ug/l	3.6	25000	22500	27500	
Co	59	45	He	97.989	ug/l	0.9	100	90	110	
Ni	60	45	He	98.527	ug/l	1.5	100	90	110	
Cu	63	45	He	99.734	ug/l	1.5	100	90	110	
Zn	66	45	He	251.003	ug/l	3.4	250	225	275	
As	75	45	He	97.379	ug/l	2.7	100	90	110	
Se	78	45	H2	100.207	ug/l	6.4	100	90	110	
Sr	88	115	He	98.992	ug/l	2.6	100	90	110	
Mo	95	115	He	99.707	ug/l	1.0	100	90	110	
Ag	107	115	He	49.290	ug/l	1.3	50	45	55	
Cd	111	115	He	100.986	ug/l	3.3	100	90	110	
Sn	118	115	He	102.750	ug/l	1.7	100	90	110	
Sb	121	115	He	97.535	ug/l	1.0	100	90	110	
Ba	135	159	He	98.334	ug/l	5.8	100	90	110	
Tl	205	209	He	98.875	ug/l	0.7	100	90	110	
[Pb]	206	209	He	99.443	ug/l	1.1				
[Pb]	207	209	He	99.577	ug/l	0.9				
Pb	208	209	He	99.202	ug/l	0.2	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1842633.53	4.8	109.2	60	125	
Sc (ISICPMS)	45	H2	1023687.77	5.5	102.3	60	125	
Sc (ISICPMS)	45	He	38940.02	1.1	102.4	60	125	
Ge (IS)	74	H2	186390.92	4.5	105.6	60	125	
Ge (IS)	74	He	23267.08	2.4	103.2	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	58038.58	0.8	98.2	60	125	
Tb (IS)	159	He	358575.85	0.4	100.5	60	125	
Bi (IS)	209	He	311203.15	0.7	97.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 047_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:01:25

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.054	ug/l	31.3	0.8	-0.8	0.8	
B	11	6	No Gas	11.785	ug/l	2.0	40	-40	40	
Na	23	45	He	-84.619	ug/l	N/A	500	-500	500	
Mg	24	45	He	2.123	ug/l	26.9	200	-200	200	
Al	27	45	He	0.494	ug/l	383.9	40	-40	40	
K	39	45	He	17.548	ug/l	110.9	200	-200	200	
Ca	40	45	H2	1.717	ug/l	38.4	500	-500	500	
Ti	47	45	He	0.251	ug/l	152.4	4	-4	4	
V	51	45	He	-0.311	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.030	ug/l	N/A	4	-4	4	
Mn	55	45	He	-0.206	ug/l	N/A	8	-8	8	
Fe	56	45	H2	2.807	ug/l	7.7	60	-60	60	
Co	59	45	He	-0.001	ug/l	N/A	4	-4	4	
Ni	60	45	He	-0.117	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.122	ug/l	36.8	4	-4	4	
Zn	66	45	He	0.218	ug/l	89.5	16	-16	16	
As	75	45	He	-0.055	ug/l	N/A	2	-2	2	
Se	78	45	H2	-0.015	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	-0.038	ug/l	N/A	4	-4	4	
Mo	95	115	He	0.037	ug/l	22.3	4	-4	4	
Ag	107	115	He	0.013	ug/l	113.3	2	-2	2	
Cd	111	115	He	0.011	ug/l	173.2	2	-2	2	
Sn	118	115	He	0.050	ug/l	532.3	16	-16	16	
Sb	121	115	He	0.033	ug/l	11.7	2	-2	2	
Ba	135	159	He	-0.162	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.061	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.062	ug/l	54.0				
[Pb]	207	209	He	0.024	ug/l	99.3				
Pb	208	209	He	0.048	ug/l	31.9	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1890215.49	1.3	112.0	60	125	
Sc (ISICPMS)	45	H2	1112757.61	0.9	111.2	60	125	
Sc (ISICPMS)	45	He	39071.46	0.9	102.8	60	125	
Ge (IS)	74	H2	186398.29	2.2	105.6	60	125	
Ge (IS)	74	He	23273.87	0.6	103.2	60	125	
Kr	83	He	20.02	86.6	300.0			
In-1	115	He	60161.34	0.8	101.8	60	125	
Tb (IS)	159	He	367694.04	0.6	103.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	322269.08	0.4	101.3	60	125	

Sample Report

File Name 048SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:03:37

Sample Name **LCS 460-775594/2-A**

Comment ---

Dilution **1.0000**

Vial # 3402

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	25.773	ug/l	1.9	2000	
B	11	6	No Gas	511.746	ug/l	0.9	500	>LDR 6020B
Na	23	45	He	2687.226	ug/l	1.8	500000	
Mg	24	45	He	2755.465	ug/l	0.8	500000	
Al	27	45	He	2718.999	ug/l	1.8	200000	
K	39	45	He	2706.361	ug/l	1.3	500000	
Ca	40	45	H2	2729.162	ug/l	0.7	500000	
Ti	47	45	He	52.507	ug/l	5.4	5000	
V	51	45	He	53.730	ug/l	1.9	5000	
Cr	52	45	He	54.177	ug/l	2.6	20000	
Mn	55	45	He	276.448	ug/l	0.4	10000	
Fe	56	45	H2	2813.546	ug/l	0.7	500000	
Co	59	45	He	27.402	ug/l	1.5	2000	
Ni	60	45	He	56.039	ug/l	1.7	20000	
Cu	63	45	He	55.442	ug/l	1.8	20000	
Zn	66	45	He	269.524	ug/l	0.6	20000	
As	75	45	He	52.036	ug/l	4.8	5000	
Se	78	45	H2	56.773	ug/l	5.4	2000	
Sr	88	115	He	52.100	ug/l	0.8	5000	
Mo	95	115	He	53.195	ug/l	1.9	2000	
Ag	107	115	He	26.323	ug/l	1.2	100	
Cd	111	115	He	28.325	ug/l	1.6	5000	
Sn	118	115	He	54.785	ug/l	2.8	200	
Sb	121	115	He	26.580	ug/l	1.5	200	
Ba	135	159	He	53.925	ug/l	1.6	20000	
Tl	205	209	He	21.188	ug/l	2.0	1000	
[Pb]	206	209	He	27.325	ug/l	1.5		
[Pb]	207	209	He	26.777	ug/l	1.2		
Pb	208	209	He	26.790	ug/l	0.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1980360.20	1.0	117.3	60	125	
Sc (ISICPMS)	45	H2	1071682.22	1.6	107.1	60	125	
Sc (ISICPMS)	45	He	41082.66	0.4	108.1	60	125	
Ge (IS)	74	H2	194662.51	0.9	110.3	60	125	
Ge (IS)	74	He	23474.43	1.5	104.1	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	61726.94	0.6	104.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	372323.83	1.0	104.4	60	125	
Bi (IS)	209	He	329248.38	0.3	103.5	60	125	

Sample Report

File Name 049SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:05:49

Sample Name **pds 460-233407-B-1-A**

Comment ---

Dilution **1.0000**

Vial # 3403

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	25.227	ug/l	1.8	2000	
B	11	6	No Gas	1063.006	ug/l	1.6	500	>LDR 6020B
Na	23	45	He	1008757.857	ug/l	0.4	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	34401.638	ug/l	0.8	500000	
Al	27	45	He	2484.316	ug/l	1.7	200000	
K	39	45	He	35501.580	ug/l	1.7	500000	
Ca	40	45	H2	205089.216	ug/l	3.6	500000	
Ti	47	45	He	56.665	ug/l	1.8	5000	
V	51	45	He	52.562	ug/l	2.8	5000	
Cr	52	45	He	49.208	ug/l	2.6	20000	
Mn	55	45	He	651.385	ug/l	1.0	10000	
Fe	56	45	H2	2626.249	ug/l	2.7	500000	
Co	59	45	He	25.844	ug/l	2.5	2000	
Ni	60	45	He	102.178	ug/l	2.0	20000	
Cu	63	45	He	52.533	ug/l	1.4	20000	
Zn	66	45	He	265.605	ug/l	0.6	20000	
As	75	45	He	51.627	ug/l	5.7	5000	
Se	78	45	H2	50.786	ug/l	7.9	2000	
Sr	88	115	He	1394.528	ug/l	0.1	5000	
Mo	95	115	He	66.416	ug/l	0.2	2000	
Ag	107	115	He	23.948	ug/l	1.4	100	
Cd	111	115	He	24.868	ug/l	2.9	5000	
Sn	118	115	He	51.005	ug/l	5.7	200	
Sb	121	115	He	24.572	ug/l	3.4	200	
Ba	135	159	He	544.693	ug/l	2.4	20000	
Tl	205	209	He	19.465	ug/l	1.4	1000	
[Pb]	206	209	He	26.299	ug/l	1.7		
[Pb]	207	209	He	25.414	ug/l	2.7		
Pb	208	209	He	25.947	ug/l	0.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1669511.42	0.4	98.9	60	125	
Sc (ISICPMS)	45	H2	941500.57	3.3	94.1	60	125	
Sc (ISICPMS)	45	He	34775.57	1.1	91.5	60	125	
Ge (IS)	74	H2	164307.23	0.7	93.1	60	125	
Ge (IS)	74	He	21535.89	1.9	95.5	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	51311.05	0.5	86.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	329843.49	1.0	92.5	60	125	
Bi (IS)	209	He	279644.46	0.3	87.9	60	125	

Sample Report

File Name 050SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:07:59

Sample Name **460-233407-B-1-C MS**

Comment ---

Dilution **1.0000**

Vial # 3404

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	27.270	ug/l	2.4	2000	
B	11	6	No Gas	1103.354	ug/l	1.5	500	>LDR 6020B
Na	23	45	He	960449.296	ug/l	2.0	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	33264.591	ug/l	1.3	500000	
Al	27	45	He	2788.244	ug/l	2.9	200000	
K	39	45	He	34523.980	ug/l	1.9	500000	
Ca	40	45	H2	194811.890	ug/l	0.4	500000	
Ti	47	45	He	57.624	ug/l	3.8	5000	
V	51	45	He	58.918	ug/l	2.3	5000	
Cr	52	45	He	53.756	ug/l	0.8	20000	
Mn	55	45	He	656.245	ug/l	1.2	10000	
Fe	56	45	H2	2877.402	ug/l	1.9	500000	
Co	59	45	He	28.361	ug/l	2.3	2000	
Ni	60	45	He	103.866	ug/l	0.8	20000	
Cu	63	45	He	58.432	ug/l	0.6	20000	
Zn	66	45	He	288.397	ug/l	0.5	20000	
As	75	45	He	56.164	ug/l	1.9	5000	
Se	78	45	H2	58.227	ug/l	5.1	2000	
Sr	88	115	He	1381.788	ug/l	0.7	5000	
Mo	95	115	He	75.597	ug/l	0.3	2000	
Ag	107	115	He	27.426	ug/l	0.9	100	
Cd	111	115	He	29.369	ug/l	6.8	5000	
Sn	118	115	He	58.347	ug/l	0.6	200	
Sb	121	115	He	29.602	ug/l	1.9	200	
Ba	135	159	He	536.634	ug/l	2.5	20000	
Tl	205	209	He	22.388	ug/l	0.3	1000	
[Pb]	206	209	He	30.174	ug/l	0.8		
[Pb]	207	209	He	29.278	ug/l	0.5		
Pb	208	209	He	29.706	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1691848.22	2.8	100.2	60	125	
Sc (ISICPMS)	45	H2	940184.59	3.6	93.9	60	125	
Sc (ISICPMS)	45	He	35056.21	1.0	92.2	60	125	
Ge (IS)	74	H2	164953.70	2.3	93.4	60	125	
Ge (IS)	74	He	21432.24	0.9	95.0	60	125	
Kr	83	He	10.01	NaN	150.0			
In-1	115	He	50878.80	1.3	86.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	328028.80	0.5	92.0	60	125	
Bi (IS)	209	He	278530.78	0.6	87.5	60	125	

Sample Report

File Name 051SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:10:16

Sample Name **sd 460-233407-B-1-A@5**

Comment ---

Dilution **1.0000**

Vial # 3407

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.029	ug/l	13.0	2000	
B	11	6	No Gas	138.235	ug/l	3.7	500	
Na	23	45	He	205162.467	ug/l	2.4	500000	
Mg	24	45	He	6524.924	ug/l	3.0	500000	
Al	27	45	He	11.506	ug/l	92.2	200000	
K	39	45	He	6838.844	ug/l	1.2	500000	
Ca	40	45	H2	40799.774	ug/l	0.5	500000	
Ti	47	45	He	0.011	ug/l	2264.1	5000	
V	51	45	He	0.053	ug/l	490.9	5000	
Cr	52	45	He	0.055	ug/l	138.8	20000	
Mn	55	45	He	81.000	ug/l	1.8	10000	
Fe	56	45	H2	28.424	ug/l	2.1	500000	
Co	59	45	He	0.341	ug/l	8.7	2000	
Ni	60	45	He	10.367	ug/l	4.5	20000	
Cu	63	45	He	0.881	ug/l	16.4	20000	
Zn	66	45	He	5.448	ug/l	18.2	20000	
As	75	45	He	0.155	ug/l	78.5	5000	
Se	78	45	H2	0.024	ug/l	597.4	2000	
Sr	88	115	He	281.037	ug/l	2.2	5000	
Mo	95	115	He	3.680	ug/l	4.1	2000	
Ag	107	115	He	0.012	ug/l	115.7	100	
Cd	111	115	He	0.013	ug/l	173.2	5000	
Sn	118	115	He	0.053	ug/l	342.7	200	
Sb	121	115	He	0.095	ug/l	26.4	200	
Ba	135	159	He	105.171	ug/l	1.3	20000	
Tl	205	209	He	-0.079	ug/l	N/A	1000	
[Pb]	206	209	He	0.213	ug/l	11.9		
[Pb]	207	209	He	0.197	ug/l	13.2		
Pb	208	209	He	0.207	ug/l	2.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1724579.80	4.4	102.2	60	125	
Sc (ISICPMS)	45	H2	968687.75	1.8	96.8	60	125	
Sc (ISICPMS)	45	He	35556.19	1.7	93.5	60	125	
Ge (IS)	74	H2	167958.54	2.4	95.1	60	125	
Ge (IS)	74	He	21087.87	1.2	93.5	60	125	
Kr	83	He	13.35	86.6	200.0			
In-1	115	He	51498.19	0.8	87.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	330586.92	1.3	92.7	60	125	
Bi (IS)	209	He	287716.41	1.8	90.4	60	125	

Sample Report

File Name 052SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:12:25

Sample Name **460-232641-A-1-B**

Comment ---

Dilution **1.0000**

Vial # 2108

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.424	ug/l	4.5	2000	
B	11	6	No Gas	24.810	ug/l	5.8	500	
Na	23	45	He	374.728	ug/l	4.1	500000	
Mg	24	45	He	2637.250	ug/l	1.2	500000	
Al	27	45	He	75796.164	ug/l	0.6	200000	
K	39	45	He	2382.683	ug/l	1.8	500000	
Ca	40	45	H2	3221.614	ug/l	4.6	500000	
Ti	47	45	He	1161.455	ug/l	3.9	5000	
V	51	45	He	141.951	ug/l	3.0	5000	
Cr	52	45	He	93.968	ug/l	1.4	20000	
Mn	55	45	He	194.736	ug/l	0.8	10000	
Fe	56	45	H2	92669.492	ug/l	4.1	500000	
Co	59	45	He	9.720	ug/l	2.4	2000	
Ni	60	45	He	30.134	ug/l	4.0	20000	
Cu	63	45	He	53.273	ug/l	1.4	20000	
Zn	66	45	He	838.752	ug/l	2.7	20000	
As	75	45	He	33.080	ug/l	2.2	5000	
Se	78	45	H2	1.714	ug/l	9.4	2000	
Sr	88	115	He	24.433	ug/l	4.2	5000	
Mo	95	115	He	5.769	ug/l	5.4	2000	
Ag	107	115	He	0.098	ug/l	4.5	100	
Cd	111	115	He	0.735	ug/l	32.9	5000	
Sn	118	115	He	14.534	ug/l	8.1	200	
Sb	121	115	He	1.053	ug/l	20.0	200	
Ba	135	159	He	163.707	ug/l	2.1	20000	
Tl	205	209	He	0.394	ug/l	8.4	1000	
[Pb]	206	209	He	1641.963	ug/l	2.2		
[Pb]	207	209	He	1568.539	ug/l	2.9		
Pb	208	209	He	1553.099	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1732050.23	2.6	102.6	60	125	
Sc (ISICPMS)	45	H2	944414.49	4.8	94.3	60	125	
Sc (ISICPMS)	45	He	34584.71	1.6	91.0	60	125	
Ge (IS)	74	H2	178839.34	1.0	101.3	60	125	
Ge (IS)	74	He	22207.54	1.6	98.5	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	51000.48	1.9	86.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	327474.81	2.6	91.8	60	125	
Bi (IS)	209	He	287731.31	2.0	90.4	60	125	

Sample Report

File Name 053SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:14:35

Sample Name **460-232641-A-2-B**

Comment ---

Dilution **1.0000**

Vial # 2109

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.510	ug/l	10.3	2000	
B	11	6	No Gas	24.881	ug/l	2.3	500	
Na	23	45	He	394.300	ug/l	3.0	500000	
Mg	24	45	He	6404.530	ug/l	2.0	500000	
Al	27	45	He	60535.957	ug/l	0.7	200000	
K	39	45	He	2379.386	ug/l	0.5	500000	
Ca	40	45	H2	8593.062	ug/l	3.1	500000	
Ti	47	45	He	1154.405	ug/l	2.1	5000	
V	51	45	He	128.624	ug/l	1.0	5000	
Cr	52	45	He	106.522	ug/l	1.9	20000	
Mn	55	45	He	534.241	ug/l	2.3	10000	
Fe	56	45	H2	86920.695	ug/l	0.6	500000	
Co	59	45	He	17.131	ug/l	1.0	2000	
Ni	60	45	He	53.120	ug/l	1.3	20000	
Cu	63	45	He	215.255	ug/l	0.8	20000	
Zn	66	45	He	894.859	ug/l	1.3	20000	
As	75	45	He	33.902	ug/l	3.0	5000	
Se	78	45	H2	1.483	ug/l	23.4	2000	
Sr	88	115	He	53.648	ug/l	2.4	5000	
Mo	95	115	He	9.963	ug/l	4.0	2000	
Ag	107	115	He	0.380	ug/l	13.3	100	
Cd	111	115	He	8.449	ug/l	0.9	5000	
Sn	118	115	He	37.103	ug/l	2.5	200	
Sb	121	115	He	2.913	ug/l	6.7	200	
Ba	135	159	He	514.711	ug/l	3.6	20000	
Tl	205	209	He	0.329	ug/l	7.6	1000	
[Pb]	206	209	He	3781.539	ug/l	0.8		
[Pb]	207	209	He	3563.080	ug/l	2.3		
Pb	208	209	He	3634.115	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1705933.01	1.8	101.1	60	125	
Sc (ISICPMS)	45	H2	979733.88	1.4	97.9	60	125	
Sc (ISICPMS)	45	He	35670.09	1.6	93.8	60	125	
Ge (IS)	74	H2	175392.99	5.6	99.4	60	125	
Ge (IS)	74	He	22979.77	3.1	101.9	60	125	
Kr	83	He	23.36	65.5	350.0			
In-1	115	He	52034.45	1.6	88.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	334375.52	0.2	93.8	60	125	
Bi (IS)	209	He	293626.15	0.8	92.3	60	125	

Sample Report

File Name 054SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:16:42

Sample Name **460-232641-A-3-B**

Comment ---

Dilution **1.0000**

Vial # 2110

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.809	ug/l	2.6	2000	
B	11	6	No Gas	16.926	ug/l	0.8	500	
Na	23	45	He	286.529	ug/l	6.4	500000	
Mg	24	45	He	2833.592	ug/l	2.4	500000	
Al	27	45	He	85863.824	ug/l	0.8	200000	
K	39	45	He	2267.095	ug/l	1.9	500000	
Ca	40	45	H2	4091.312	ug/l	4.3	500000	
Ti	47	45	He	1293.970	ug/l	2.3	5000	
V	51	45	He	164.541	ug/l	0.1	5000	
Cr	52	45	He	104.994	ug/l	0.2	20000	
Mn	55	45	He	244.929	ug/l	1.4	10000	
Fe	56	45	H2	114538.459	ug/l	2.7	500000	
Co	59	45	He	12.024	ug/l	1.0	2000	
Ni	60	45	He	35.930	ug/l	0.7	20000	
Cu	63	45	He	90.308	ug/l	1.5	20000	
Zn	66	45	He	358.485	ug/l	2.6	20000	
As	75	45	He	32.118	ug/l	0.6	5000	
Se	78	45	H2	1.494	ug/l	13.1	2000	
Sr	88	115	He	29.947	ug/l	2.9	5000	
Mo	95	115	He	6.071	ug/l	5.2	2000	
Ag	107	115	He	0.109	ug/l	31.4	100	
Cd	111	115	He	1.255	ug/l	16.3	5000	
Sn	118	115	He	16.582	ug/l	0.8	200	
Sb	121	115	He	1.315	ug/l	6.5	200	
Ba	135	159	He	226.469	ug/l	1.8	20000	
Tl	205	209	He	0.377	ug/l	10.2	1000	
[Pb]	206	209	He	588.846	ug/l	1.5		
[Pb]	207	209	He	556.268	ug/l	0.4		
Pb	208	209	He	568.355	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1860259.40	3.2	110.2	60	125	
Sc (ISICPMS)	45	H2	1110214.03	3.1	110.9	60	125	
Sc (ISICPMS)	45	He	42184.04	1.0	111.0	60	125	
Ge (IS)	74	H2	201659.64	2.0	114.2	60	125	
Ge (IS)	74	He	25597.14	0.9	113.5	60	125	
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	58974.73	0.9	99.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	370535.19	1.6	103.9	60	125	
Bi (IS)	209	He	321476.41	2.0	101.0	60	125	

Sample Report

File Name 055SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:18:53

Sample Name **460-232641-A-5-B**

Comment ---

Dilution **1.0000**

Vial # 2111

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.723	ug/l	10.1	2000	
B	11	6	No Gas	13.558	ug/l	4.4	500	
Na	23	45	He	154.497	ug/l	6.9	500000	
Mg	24	45	He	4732.331	ug/l	1.1	500000	
Al	27	45	He	67653.402	ug/l	1.1	200000	
K	39	45	He	1857.264	ug/l	3.0	500000	
Ca	40	45	H2	6978.659	ug/l	3.5	500000	
Ti	47	45	He	1233.102	ug/l	1.2	5000	
V	51	45	He	160.294	ug/l	0.9	5000	
Cr	52	45	He	102.039	ug/l	1.0	20000	
Mn	55	45	He	273.685	ug/l	0.9	10000	
Fe	56	45	H2	107920.289	ug/l	2.6	500000	
Co	59	45	He	13.379	ug/l	4.4	2000	
Ni	60	45	He	45.984	ug/l	3.0	20000	
Cu	63	45	He	132.655	ug/l	0.9	20000	
Zn	66	45	He	543.348	ug/l	1.2	20000	
As	75	45	He	42.168	ug/l	0.6	5000	
Se	78	45	H2	1.550	ug/l	16.1	2000	
Sr	88	115	He	24.951	ug/l	4.7	5000	
Mo	95	115	He	5.359	ug/l	8.6	2000	
Ag	107	115	He	0.086	ug/l	23.7	100	
Cd	111	115	He	2.565	ug/l	8.4	5000	
Sn	118	115	He	13.297	ug/l	2.9	200	
Sb	121	115	He	1.026	ug/l	12.7	200	
Ba	135	159	He	161.862	ug/l	1.5	20000	
Tl	205	209	He	0.411	ug/l	6.0	1000	
[Pb]	206	209	He	291.178	ug/l	2.9		
[Pb]	207	209	He	272.373	ug/l	1.8		
Pb	208	209	He	279.635	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1977425.21	1.8	117.2	60	125	
Sc (ISICPMS)	45	H2	1128847.89	2.9	112.8	60	125	
Sc (ISICPMS)	45	He	41617.94	0.8	109.5	60	125	
Ge (IS)	74	H2	208867.10	0.3	118.3	60	125	
Ge (IS)	74	He	26355.80	2.1	116.9	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	60694.35	1.3	102.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	372431.79	0.3	104.4	60	125	
Bi (IS)	209	He	321487.95	0.7	101.0	60	125	

Sample Report

File Name 056SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:21:04

Sample Name **460-232641-A-6-B**

Comment ---

Dilution **1.0000**

Vial # 2112

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.076	ug/l	3.3	2000	
B	11	6	No Gas	26.902	ug/l	1.5	500	
Na	23	45	He	344.956	ug/l	5.8	500000	
Mg	24	45	He	11186.064	ug/l	2.5	500000	
Al	27	45	He	69922.846	ug/l	1.2	200000	
K	39	45	He	3403.522	ug/l	2.0	500000	
Ca	40	45	H2	31239.520	ug/l	4.6	500000	
Ti	47	45	He	1346.011	ug/l	2.5	5000	
V	51	45	He	189.625	ug/l	3.0	5000	
Cr	52	45	He	353.991	ug/l	2.5	20000	
Mn	55	45	He	1637.884	ug/l	2.2	10000	
Fe	56	45	H2	224206.593	ug/l	2.8	500000	
Co	59	45	He	35.126	ug/l	2.2	2000	
Ni	60	45	He	195.466	ug/l	3.0	20000	
Cu	63	45	He	309.994	ug/l	1.6	20000	
Zn	66	45	He	3835.768	ug/l	0.8	20000	
As	75	45	He	48.313	ug/l	0.7	5000	
Se	78	45	H2	2.584	ug/l	14.6	2000	
Sr	88	115	He	132.100	ug/l	0.8	5000	
Mo	95	115	He	20.194	ug/l	3.4	2000	
Ag	107	115	He	2.844	ug/l	0.1	100	
Cd	111	115	He	14.258	ug/l	2.3	5000	
Sn	118	115	He	26.641	ug/l	5.2	200	
Sb	121	115	He	3.427	ug/l	11.6	200	
Ba	135	159	He	340.817	ug/l	2.0	20000	
Tl	205	209	He	0.482	ug/l	3.4	1000	
[Pb]	206	209	He	881.389	ug/l	0.7		
[Pb]	207	209	He	810.748	ug/l	2.0		
Pb	208	209	He	806.820	ug/l	1.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2001266.72	0.3	118.6	60	125	
Sc (ISICPMS)	45	H2	1097138.78	2.9	109.6	60	125	
Sc (ISICPMS)	45	He	41122.85	0.9	108.2	60	125	
Ge (IS)	74	H2	205068.80	0.9	116.2	60	125	
Ge (IS)	74	He	25309.32	3.9	112.2	60	125	
Kr	83	He	16.68	34.6	250.0			
In-1	115	He	59681.60	1.9	101.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	373387.70	0.4	104.7	60	125	
Bi (IS)	209	He	315221.60	0.7	99.0	60	125	

Continuing Calibration Verification (CCV)

File Name 057_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:23:15

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	95.855	ug/l	1.8	100	90	110	
B	11	6	No Gas	242.163	ug/l	1.5	250	225	275	
Na	23	45	He	25568.901	ug/l	4.0	25000	22500	27500	
Mg	24	45	He	25725.314	ug/l	2.0	25000	22500	27500	
Al	27	45	He	24871.685	ug/l	1.1	25000	22500	27500	
K	39	45	He	24990.707	ug/l	2.9	25000	22500	27500	
Ca	40	45	H2	25127.288	ug/l	0.6	25000	22500	27500	
Ti	47	45	He	96.664	ug/l	4.7	100	90	110	
V	51	45	He	98.912	ug/l	1.3	100	90	110	
Cr	52	45	He	100.414	ug/l	0.7	100	90	110	
Mn	55	45	He	101.110	ug/l	1.0	100	90	110	
Fe	56	45	H2	25064.843	ug/l	3.0	25000	22500	27500	
Co	59	45	He	100.520	ug/l	1.4	100	90	110	
Ni	60	45	He	100.141	ug/l	3.0	100	90	110	
Cu	63	45	He	101.913	ug/l	0.3	100	90	110	
Zn	66	45	He	250.202	ug/l	1.8	250	225	275	
As	75	45	He	100.264	ug/l	2.2	100	90	110	
Se	78	45	H2	100.833	ug/l	3.5	100	90	110	
Sr	88	115	He	98.270	ug/l	2.2	100	90	110	
Mo	95	115	He	98.552	ug/l	0.4	100	90	110	
Ag	107	115	He	49.932	ug/l	1.4	50	45	55	
Cd	111	115	He	99.401	ug/l	1.4	100	90	110	
Sn	118	115	He	100.508	ug/l	1.1	100	90	110	
Sb	121	115	He	98.122	ug/l	1.5	100	90	110	
Ba	135	159	He	100.944	ug/l	3.3	100	90	110	
Tl	205	209	He	99.100	ug/l	0.6	100	90	110	
[Pb]	206	209	He	100.303	ug/l	0.7				
[Pb]	207	209	He	100.066	ug/l	1.2				
Pb	208	209	He	99.586	ug/l	0.7	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1926163.82	0.7	114.1	60	125	
Sc (ISICPMS)	45	H2	1079050.51	6.5	107.8	60	125	
Sc (ISICPMS)	45	He	39581.60	0.8	104.1	60	125	
Ge (IS)	74	H2	184848.23	4.6	104.7	60	125	
Ge (IS)	74	He	23594.56	3.7	104.6	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	16.68	124.9	250.0			
In-1	115	He	59780.79	1.1	101.1	60	125	
Tb (IS)	159	He	363482.57	0.2	101.9	60	125	
Bi (IS)	209	He	315028.26	0.8	99.0	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 058_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:25:24

Sample Name **CCB**

Comment ---

Dilution 1.0000

Results Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.038	ug/l	16.0	0.8	-0.8	0.8	
B	11	6	No Gas	8.880	ug/l	4.6	40	-40	40	
Na	23	45	He	-35.117	ug/l	N/A	500	-500	500	
Mg	24	45	He	1.690	ug/l	86.4	200	-200	200	
Al	27	45	He	5.504	ug/l	41.6	40	-40	40	
K	39	45	He	-1.345	ug/l	N/A	200	-200	200	
Ca	40	45	H2	4.143	ug/l	16.2	500	-500	500	
Ti	47	45	He	-0.011	ug/l	N/A	4	-4	4	
V	51	45	He	-0.389	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.325	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.052	ug/l	189.5	8	-8	8	
Fe	56	45	H2	7.852	ug/l	7.5	60	-60	60	
Co	59	45	He	-0.015	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.051	ug/l	179.6	4	-4	4	
Cu	63	45	He	0.071	ug/l	59.5	4	-4	4	
Zn	66	45	He	0.387	ug/l	97.2	16	-16	16	
As	75	45	He	-0.154	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.005	ug/l	663.2	2.5	-2.5	2.5	
Sr	88	115	He	0.019	ug/l	176.7	4	-4	4	
Mo	95	115	He	0.018	ug/l	41.6	4	-4	4	
Ag	107	115	He	0.005	ug/l	271.6	2	-2	2	
Cd	111	115	He	0.022	ug/l	86.6	2	-2	2	
Sn	118	115	He	0.177	ug/l	86.2	16	-16	16	
Sb	121	115	He	0.051	ug/l	54.0	2	-2	2	
Ba	135	159	He	-0.163	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.045	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.250	ug/l	8.6				
[Pb]	207	209	He	0.219	ug/l	3.2				
Pb	208	209	He	0.220	ug/l	3.4	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1999081.43	2.6	118.4	60	125	
Sc (ISICPMS)	45	H2	1102652.95	1.1	110.2	60	125	
Sc (ISICPMS)	45	He	41068.35	1.0	108.0	60	125	
Ge (IS)	74	H2	190405.38	1.4	107.9	60	125	
Ge (IS)	74	He	23303.99	5.9	103.3	60	125	
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	61995.03	1.7	104.9	60	125	
Tb (IS)	159	He	373024.51	0.5	104.6	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	328670.97	0.6	103.3	60	125	

Sample Report

File Name 059SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:27:37

Sample Name **460-233407-B-1-B DU**

Comment ---

Dilution **1.0000**

Vial # 3405

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.021	ug/l	72.1	2000	
B	11	6	No Gas	579.224	ug/l	3.2	500	>LDR 6020B
Na	23	45	He	1023067.650	ug/l	4.3	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	32318.402	ug/l	1.6	500000	
Al	27	45	He	51.272	ug/l	4.3	200000	
K	39	45	He	33774.376	ug/l	0.9	500000	
Ca	40	45	H2	199229.885	ug/l	3.2	500000	
Ti	47	45	He	1.158	ug/l	37.8	5000	
V	51	45	He	2.004	ug/l	11.9	5000	
Cr	52	45	He	0.325	ug/l	106.7	20000	
Mn	55	45	He	411.300	ug/l	0.4	10000	
Fe	56	45	H2	146.438	ug/l	5.7	500000	
Co	59	45	He	1.607	ug/l	10.2	2000	
Ni	60	45	He	53.145	ug/l	2.9	20000	
Cu	63	45	He	3.674	ug/l	7.2	20000	
Zn	66	45	He	26.805	ug/l	0.7	20000	
As	75	45	He	0.656	ug/l	11.2	5000	
Se	78	45	H2	0.023	ug/l	170.1	2000	
Sr	88	115	He	1371.589	ug/l	0.9	5000	
Mo	95	115	He	16.247	ug/l	4.6	2000	
Ag	107	115	He	0.011	ug/l	133.9	100	
Cd	111	115	He	0.027	ug/l	86.7	5000	
Sn	118	115	He	-0.022	ug/l	N/A	200	
Sb	121	115	He	0.407	ug/l	13.6	200	
Ba	135	159	He	508.236	ug/l	2.0	20000	
Tl	205	209	He	-0.077	ug/l	N/A	1000	
[Pb]	206	209	He	1.311	ug/l	9.7		
[Pb]	207	209	He	1.169	ug/l	4.0		
Pb	208	209	He	1.192	ug/l	1.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1687631.83	2.5	100.0	60	125	
Sc (ISICPMS)	45	H2	983605.20	3.3	98.3	60	125	
Sc (ISICPMS)	45	He	34463.54	0.8	90.7	60	125	
Ge (IS)	74	H2	175128.00	2.1	99.2	60	125	
Ge (IS)	74	He	21529.21	4.1	95.5	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	51487.48	2.2	87.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	330855.25	2.1	92.8	60	125	
Bi (IS)	209	He	281981.81	2.0	88.6	60	125	

Sample Report

File Name 060SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:29:48

Sample Name **460-233407-B-1-A**

Comment ---

Dilution **1.0000**

Vial # 3406

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.015	ug/l	148.0	2000	
B	11	6	No Gas	561.100	ug/l	1.9	500	>LDR 6020B
Na	23	45	He	989788.527	ug/l	1.3	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	31868.499	ug/l	1.2	500000	
Al	27	45	He	43.482	ug/l	16.2	200000	
K	39	45	He	33190.201	ug/l	1.8	500000	
Ca	40	45	H2	201590.256	ug/l	1.9	500000	
Ti	47	45	He	3.424	ug/l	137.9	5000	
V	51	45	He	2.113	ug/l	8.8	5000	
Cr	52	45	He	0.339	ug/l	9.7	20000	
Mn	55	45	He	399.815	ug/l	1.4	10000	
Fe	56	45	H2	146.833	ug/l	0.8	500000	
Co	59	45	He	1.488	ug/l	5.7	2000	
Ni	60	45	He	52.531	ug/l	2.2	20000	
Cu	63	45	He	3.437	ug/l	1.5	20000	
Zn	66	45	He	24.413	ug/l	3.2	20000	
As	75	45	He	0.543	ug/l	35.4	5000	
Se	78	45	H2	0.052	ug/l	117.9	2000	
Sr	88	115	He	1363.901	ug/l	2.7	5000	
Mo	95	115	He	16.139	ug/l	9.5	2000	
Ag	107	115	He	0.020	ug/l	22.7	100	
Cd	111	115	He	0.013	ug/l	173.2	5000	
Sn	118	115	He	0.030	ug/l	516.8	200	
Sb	121	115	He	0.410	ug/l	14.9	200	
Ba	135	159	He	492.313	ug/l	2.3	20000	
Tl	205	209	He	-0.076	ug/l	N/A	1000	
[Pb]	206	209	He	1.225	ug/l	2.6		
[Pb]	207	209	He	1.192	ug/l	17.2		
Pb	208	209	He	1.148	ug/l	4.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1714647.63	3.4	101.6	60	125	
Sc (ISICPMS)	45	H2	931604.89	1.6	93.1	60	125	
Sc (ISICPMS)	45	He	34884.54	1.5	91.8	60	125	
Ge (IS)	74	H2	167264.55	0.9	94.8	60	125	
Ge (IS)	74	He	20797.28	3.3	92.2	60	125	
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	51105.49	1.9	86.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	331238.24	1.5	92.9	60	125	
Bi (IS)	209	He	277060.66	1.2	87.1	60	125	

Sample Report

File Name 061SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:31:59

Sample Name **pds 460-233407-B-1-A@5**

Comment ---

Dilution **1.0000**

Vial # 3403

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	25.673	ug/l	1.9	2000	
B	11	6	No Gas	642.097	ug/l	5.8	500	>LDR 6020B
Na	23	45	He	211065.607	ug/l	1.0	500000	
Mg	24	45	He	9277.922	ug/l	1.0	500000	
Al	27	45	He	2624.374	ug/l	0.5	200000	
K	39	45	He	9432.408	ug/l	1.6	500000	
Ca	40	45	H2	43512.925	ug/l	1.2	500000	
Ti	47	45	He	56.804	ug/l	7.6	5000	
V	51	45	He	51.938	ug/l	1.5	5000	
Cr	52	45	He	50.818	ug/l	1.7	20000	
Mn	55	45	He	344.247	ug/l	2.6	10000	
Fe	56	45	H2	2600.290	ug/l	2.9	500000	
Co	59	45	He	26.448	ug/l	0.8	2000	
Ni	60	45	He	63.597	ug/l	3.3	20000	
Cu	63	45	He	54.536	ug/l	1.8	20000	
Zn	66	45	He	261.853	ug/l	1.7	20000	
As	75	45	He	52.887	ug/l	1.8	5000	
Se	78	45	H2	55.463	ug/l	2.2	2000	
Sr	88	115	He	319.166	ug/l	2.6	5000	
Mo	95	115	He	56.657	ug/l	1.2	2000	
Ag	107	115	He	25.577	ug/l	0.4	100	
Cd	111	115	He	26.457	ug/l	5.9	5000	
Sn	118	115	He	54.556	ug/l	3.0	200	
Sb	121	115	He	26.250	ug/l	0.3	200	
Ba	135	159	He	148.552	ug/l	1.5	20000	
Tl	205	209	He	20.562	ug/l	2.1	1000	
[Pb]	206	209	He	26.160	ug/l	1.5		
[Pb]	207	209	He	26.532	ug/l	2.7		
Pb	208	209	He	26.219	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1677242.37	2.6	99.4	60	125	
Sc (ISICPMS)	45	H2	937919.97	2.4	93.7	60	125	
Sc (ISICPMS)	45	He	34791.09	0.9	91.5	60	125	
Ge (IS)	74	H2	162555.11	3.5	92.1	60	125	
Ge (IS)	74	He	21458.99	4.9	95.2	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	51953.83	1.1	87.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	327549.71	0.6	91.8	60	125	
Bi (IS)	209	He	289288.87	0.4	90.9	60	125	

Sample Report

File Name 062SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:34:08

Sample Name **460-233407-B-1-C MS@5**

Comment ---

Dilution **1.0000**

Vial # 3404

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.302	ug/l	9.2	2000	
B	11	6	No Gas	230.382	ug/l	1.8	500	
Na	23	45	He	199171.974	ug/l	1.3	500000	
Mg	24	45	He	6925.337	ug/l	1.1	500000	
Al	27	45	He	583.181	ug/l	4.2	200000	
K	39	45	He	7160.224	ug/l	2.1	500000	
Ca	40	45	H2	39976.864	ug/l	1.5	500000	
Ti	47	45	He	11.895	ug/l	11.5	5000	
V	51	45	He	11.541	ug/l	1.3	5000	
Cr	52	45	He	11.005	ug/l	2.9	20000	
Mn	55	45	He	133.890	ug/l	0.4	10000	
Fe	56	45	H2	619.844	ug/l	2.6	500000	
Co	59	45	He	6.048	ug/l	3.2	2000	
Ni	60	45	He	21.656	ug/l	1.7	20000	
Cu	63	45	He	12.514	ug/l	3.4	20000	
Zn	66	45	He	60.624	ug/l	5.6	20000	
As	75	45	He	12.128	ug/l	6.9	5000	
Se	78	45	H2	11.084	ug/l	13.7	2000	
Sr	88	115	He	275.697	ug/l	2.2	5000	
Mo	95	115	He	14.753	ug/l	3.1	2000	
Ag	107	115	He	5.613	ug/l	3.0	100	
Cd	111	115	He	6.482	ug/l	11.9	5000	
Sn	118	115	He	11.405	ug/l	5.6	200	
Sb	121	115	He	6.037	ug/l	4.0	200	
Ba	135	159	He	111.200	ug/l	3.7	20000	
Tl	205	209	He	4.439	ug/l	1.8	1000	
[Pb]	206	209	He	6.119	ug/l	0.4		
[Pb]	207	209	He	5.765	ug/l	4.3		
Pb	208	209	He	6.027	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1763346.14	2.0	104.5	60	125	
Sc (ISICPMS)	45	H2	941030.25	1.2	94.0	60	125	
Sc (ISICPMS)	45	He	35658.85	1.1	93.8	60	125	
Ge (IS)	74	H2	169512.00	1.6	96.0	60	125	
Ge (IS)	74	He	21144.80	3.2	93.8	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	52788.59	2.1	89.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	333699.88	1.6	93.6	60	125	
Bi (IS)	209	He	289539.16	0.3	91.0	60	125	

Sample Report

File Name 063SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:36:19

Sample Name **460-233407-B-1-B DU@5**

Comment ---

Dilution **1.0000**

Vial # 3405

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.007	ug/l	96.3	2000	
B	11	6	No Gas	124.265	ug/l	3.5	500	
Na	23	45	He	207277.336	ug/l	3.0	500000	
Mg	24	45	He	6627.282	ug/l	0.8	500000	
Al	27	45	He	7.671	ug/l	34.2	200000	
K	39	45	He	6815.940	ug/l	0.9	500000	
Ca	40	45	H2	40143.656	ug/l	2.5	500000	
Ti	47	45	He	0.012	ug/l	2041.4	5000	
V	51	45	He	0.023	ug/l	264.8	5000	
Cr	52	45	He	-0.054	ug/l	N/A	20000	
Mn	55	45	He	81.305	ug/l	3.1	10000	
Fe	56	45	H2	30.109	ug/l	4.8	500000	
Co	59	45	He	0.309	ug/l	19.0	2000	
Ni	60	45	He	10.816	ug/l	5.9	20000	
Cu	63	45	He	0.883	ug/l	16.1	20000	
Zn	66	45	He	5.586	ug/l	13.5	20000	
As	75	45	He	0.146	ug/l	79.1	5000	
Se	78	45	H2	0.048	ug/l	260.9	2000	
Sr	88	115	He	273.439	ug/l	2.0	5000	
Mo	95	115	He	3.248	ug/l	4.5	2000	
Ag	107	115	He	0.006	ug/l	284.9	100	
Cd	111	115	He	0.026	ug/l	86.6	5000	
Sn	118	115	He	0.181	ug/l	39.5	200	
Sb	121	115	He	0.122	ug/l	16.6	200	
Ba	135	159	He	102.432	ug/l	1.9	20000	
Tl	205	209	He	-0.088	ug/l	N/A	1000	
[Pb]	206	209	He	0.256	ug/l	32.2		
[Pb]	207	209	He	0.245	ug/l	17.4		
Pb	208	209	He	0.246	ug/l	1.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1705741.57	1.2	101.1	60	125	
Sc (ISICPMS)	45	H2	958248.18	1.8	95.7	60	125	
Sc (ISICPMS)	45	He	35062.91	1.0	92.2	60	125	
Ge (IS)	74	H2	169241.22	2.2	95.9	60	125	
Ge (IS)	74	He	21405.46	1.7	94.9	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	51824.90	0.5	87.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	332214.59	1.6	93.1	60	125	
Bi (IS)	209	He	287469.29	0.3	90.3	60	125	

Sample Report

File Name 064SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:38:30

Sample Name **460-233407-B-1-A@5**

Comment ---

Dilution **1.0000**

Vial # 3406

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.029	ug/l	117.9	2000	
B	11	6	No Gas	121.521	ug/l	0.4	500	
Na	23	45	He	209026.515	ug/l	2.2	500000	
Mg	24	45	He	6528.693	ug/l	0.4	500000	
Al	27	45	He	8.844	ug/l	11.5	200000	
K	39	45	He	6847.330	ug/l	2.4	500000	
Ca	40	45	H2	40542.339	ug/l	2.5	500000	
Ti	47	45	He	0.578	ug/l	112.4	5000	
V	51	45	He	-0.048	ug/l	N/A	5000	
Cr	52	45	He	0.074	ug/l	200.6	20000	
Mn	55	45	He	79.739	ug/l	0.6	10000	
Fe	56	45	H2	29.177	ug/l	4.2	500000	
Co	59	45	He	0.303	ug/l	24.0	2000	
Ni	60	45	He	10.472	ug/l	9.7	20000	
Cu	63	45	He	0.778	ug/l	14.9	20000	
Zn	66	45	He	5.303	ug/l	4.9	20000	
As	75	45	He	0.130	ug/l	97.0	5000	
Se	78	45	H2	0.028	ug/l	348.8	2000	
Sr	88	115	He	277.815	ug/l	1.2	5000	
Mo	95	115	He	3.408	ug/l	1.5	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.013	ug/l	173.2	5000	
Sn	118	115	He	0.080	ug/l	198.2	200	
Sb	121	115	He	0.047	ug/l	87.9	200	
Ba	135	159	He	101.707	ug/l	6.7	20000	
Tl	205	209	He	-0.093	ug/l	N/A	1000	
[Pb]	206	209	He	0.235	ug/l	9.6		
[Pb]	207	209	He	0.260	ug/l	35.9		
Pb	208	209	He	0.252	ug/l	12.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1694448.24	3.3	100.4	60	125	
Sc (ISICPMS)	45	H2	949609.24	2.5	94.9	60	125	
Sc (ISICPMS)	45	He	34971.46	0.9	92.0	60	125	
Ge (IS)	74	H2	167535.99	2.0	94.9	60	125	
Ge (IS)	74	He	20964.43	1.3	93.0	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	51440.03	0.3	87.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	332921.34	1.7	93.3	60	125	
Bi (IS)	209	He	286557.50	0.6	90.0	60	125	

Sample Report

File Name 065SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:40:41

Sample Name **sd 460-233407-B-1-A@25**

Comment ---

Dilution **1.0000**

Vial # 3407

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.015	ug/l	124.0	2000	
B	11	6	No Gas	30.604	ug/l	5.3	500	
Na	23	45	He	45599.156	ug/l	1.7	500000	
Mg	24	45	He	1393.119	ug/l	0.3	500000	
Al	27	45	He	3.810	ug/l	73.7	200000	
K	39	45	He	1499.086	ug/l	2.5	500000	
Ca	40	45	H2	8719.364	ug/l	2.0	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	-0.384	ug/l	N/A	5000	
Cr	52	45	He	-0.046	ug/l	N/A	20000	
Mn	55	45	He	16.925	ug/l	4.3	10000	
Fe	56	45	H2	10.752	ug/l	51.6	500000	
Co	59	45	He	0.066	ug/l	60.0	2000	
Ni	60	45	He	2.241	ug/l	21.9	20000	
Cu	63	45	He	0.280	ug/l	30.8	20000	
Zn	66	45	He	1.381	ug/l	29.9	20000	
As	75	45	He	0.106	ug/l	115.5	5000	
Se	78	45	H2	0.011	ug/l	698.6	2000	
Sr	88	115	He	54.995	ug/l	1.0	5000	
Mo	95	115	He	0.697	ug/l	4.7	2000	
Ag	107	115	He	0.019	ug/l	35.1	100	
Cd	111	115	He	0.039	ug/l	98.9	5000	
Sn	118	115	He	0.307	ug/l	61.8	200	
Sb	121	115	He	0.027	ug/l	19.2	200	
Ba	135	159	He	19.789	ug/l	5.1	20000	
Tl	205	209	He	-0.090	ug/l	N/A	1000	
[Pb]	206	209	He	0.124	ug/l	40.9		
[Pb]	207	209	He	0.058	ug/l	56.1		
Pb	208	209	He	0.082	ug/l	16.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1771683.24	2.6	105.0	60	125	
Sc (ISICPMS)	45	H2	926615.65	0.9	92.6	60	125	
Sc (ISICPMS)	45	He	34307.55	1.0	90.2	60	125	
Ge (IS)	74	H2	164478.44	1.8	93.2	60	125	
Ge (IS)	74	He	20493.26	0.9	90.9	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	52713.66	1.8	89.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	327547.97	1.3	91.8	60	125	
Bi (IS)	209	He	296115.00	0.8	93.0	60	125	

Sample Report

File Name 066SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:42:51

Sample Name **460-232641-A-7-B@3**

Comment ---

Dilution **1.0000**

Vial # 2201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.491	ug/l	11.8	2000	
B	11	6	No Gas	10.626	ug/l	7.8	500	
Na	23	45	He	294.985	ug/l	6.5	500000	
Mg	24	45	He	2084.242	ug/l	2.5	500000	
Al	27	45	He	15992.769	ug/l	1.7	200000	
K	39	45	He	623.480	ug/l	4.0	500000	
Ca	40	45	H2	3141.224	ug/l	1.0	500000	
Ti	47	45	He	310.197	ug/l	1.5	5000	
V	51	45	He	48.462	ug/l	2.2	5000	
Cr	52	45	He	78.215	ug/l	2.0	20000	
Mn	55	45	He	936.039	ug/l	1.3	10000	
Fe	56	45	H2	263960.184	ug/l	3.0	500000	
Co	59	45	He	26.340	ug/l	2.0	2000	
Ni	60	45	He	103.544	ug/l	1.7	20000	
Cu	63	45	He	141.950	ug/l	1.3	20000	
Zn	66	45	He	340.678	ug/l	1.1	20000	
As	75	45	He	47.344	ug/l	1.9	5000	
Se	78	45	H2	0.420	ug/l	23.1	2000	
Sr	88	115	He	14.797	ug/l	3.3	5000	
Mo	95	115	He	10.888	ug/l	5.8	2000	
Ag	107	115	He	0.180	ug/l	11.8	100	
Cd	111	115	He	2.235	ug/l	8.7	5000	
Sn	118	115	He	15.351	ug/l	4.6	200	
Sb	121	115	He	3.618	ug/l	0.7	200	
Ba	135	159	He	140.335	ug/l	2.3	20000	
Tl	205	209	He	0.064	ug/l	12.5	1000	
[Pb]	206	209	He	1861.696	ug/l	1.4		
[Pb]	207	209	He	1754.447	ug/l	1.1		
Pb	208	209	He	1748.751	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1790053.52	3.4	106.1	60	125	
Sc (ISICPMS)	45	H2	958087.96	3.4	95.7	60	125	
Sc (ISICPMS)	45	He	35218.66	0.2	92.6	60	125	
Ge (IS)	74	H2	175417.77	1.5	99.4	60	125	
Ge (IS)	74	He	21672.78	2.4	96.1	60	125	
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	51929.23	2.0	87.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	331458.60	0.9	92.9	60	125	
Bi (IS)	209	He	291484.07	0.8	91.6	60	125	

Sample Report

File Name 067SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:45:00

Sample Name **460-232641-A-8-B**

Comment ---

Dilution **1.0000**

Vial # 2202

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.468	ug/l	7.8	2000	
B	11	6	No Gas	19.228	ug/l	1.7	500	
Na	23	45	He	1978.095	ug/l	4.4	500000	
Mg	24	45	He	9338.773	ug/l	3.6	500000	
Al	27	45	He	39112.713	ug/l	3.2	200000	
K	39	45	He	2845.248	ug/l	1.4	500000	
Ca	40	45	H2	28454.764	ug/l	3.7	500000	
Ti	47	45	He	828.309	ug/l	1.7	5000	
V	51	45	He	93.018	ug/l	1.6	5000	
Cr	52	45	He	66.719	ug/l	4.4	20000	
Mn	55	45	He	464.007	ug/l	3.2	10000	
Fe	56	45	H2	53094.284	ug/l	4.9	500000	
Co	59	45	He	9.771	ug/l	3.5	2000	
Ni	60	45	He	28.276	ug/l	3.8	20000	
Cu	63	45	He	49.749	ug/l	1.9	20000	
Zn	66	45	He	1443.270	ug/l	2.7	20000	
As	75	45	He	31.324	ug/l	5.1	5000	
Se	78	45	H2	1.323	ug/l	10.9	2000	
Sr	88	115	He	130.445	ug/l	3.0	5000	
Mo	95	115	He	3.651	ug/l	8.5	2000	
Ag	107	115	He	0.201	ug/l	10.5	100	
Cd	111	115	He	1.047	ug/l	11.6	5000	
Sn	118	115	He	15.115	ug/l	8.6	200	
Sb	121	115	He	1.333	ug/l	6.3	200	
Ba	135	159	He	186.096	ug/l	3.2	20000	
Tl	205	209	He	0.326	ug/l	3.0	1000	
[Pb]	206	209	He	330.492	ug/l	0.7		
[Pb]	207	209	He	309.337	ug/l	2.6		
Pb	208	209	He	316.391	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1739568.45	0.7	103.1	60	125	
Sc (ISICPMS)	45	H2	964067.29	5.3	96.3	60	125	
Sc (ISICPMS)	45	He	35755.67	2.4	94.1	60	125	
Ge (IS)	74	H2	177790.63	5.6	100.7	60	125	
Ge (IS)	74	He	22495.17	0.9	99.7	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	52626.78	2.0	89.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	333841.07	1.1	93.6	60	125	
Bi (IS)	209	He	293675.64	1.8	92.3	60	125	

Continuing Calibration Verification (CCV)

File Name 068_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:47:10

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	95.157	ug/l	4.4	100	90	110	
B	11	6	No Gas	249.054	ug/l	3.3	250	225	275	
Na	23	45	He	25514.047	ug/l	1.9	25000	22500	27500	
Mg	24	45	He	25388.635	ug/l	0.8	25000	22500	27500	
Al	27	45	He	24820.040	ug/l	1.5	25000	22500	27500	
K	39	45	He	24535.299	ug/l	0.8	25000	22500	27500	
Ca	40	45	H2	25050.232	ug/l	1.3	25000	22500	27500	
Ti	47	45	He	100.276	ug/l	5.6	100	90	110	
V	51	45	He	98.206	ug/l	1.1	100	90	110	
Cr	52	45	He	97.171	ug/l	0.9	100	90	110	
Mn	55	45	He	99.116	ug/l	1.1	100	90	110	
Fe	56	45	H2	25530.544	ug/l	3.0	25000	22500	27500	
Co	59	45	He	97.856	ug/l	1.8	100	90	110	
Ni	60	45	He	98.663	ug/l	1.1	100	90	110	
Cu	63	45	He	101.472	ug/l	1.7	100	90	110	
Zn	66	45	He	248.049	ug/l	1.5	250	225	275	
As	75	45	He	98.622	ug/l	2.0	100	90	110	
Se	78	45	H2	100.065	ug/l	4.0	100	90	110	
Sr	88	115	He	94.220	ug/l	1.3	100	90	110	
Mo	95	115	He	98.525	ug/l	1.5	100	90	110	
Ag	107	115	He	48.802	ug/l	1.4	50	45	55	
Cd	111	115	He	99.954	ug/l	5.3	100	90	110	
Sn	118	115	He	101.862	ug/l	1.1	100	90	110	
Sb	121	115	He	97.442	ug/l	0.7	100	90	110	
Ba	135	159	He	96.737	ug/l	7.7	100	90	110	
Tl	205	209	He	99.185	ug/l	3.6	100	90	110	
[Pb]	206	209	He	100.655	ug/l	1.4				
[Pb]	207	209	He	98.384	ug/l	3.1				
Pb	208	209	He	99.338	ug/l	2.3	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1766839.44	4.2	104.7	60	125	
Sc (ISICPMS)	45	H2	966421.54	3.2	96.5	60	125	
Sc (ISICPMS)	45	He	36547.73	1.5	96.1	60	125	
Ge (IS)	74	H2	172852.40	3.3	97.9	60	125	
Ge (IS)	74	He	21595.91	3.6	95.8	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	55247.66	0.9	93.5	60	125	
Tb (IS)	159	He	339382.90	0.7	95.2	60	125	
Bi (IS)	209	He	300171.57	2.2	94.3	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 069_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:49:19

Sample Name **CCB**

Comment ---

Dilution 1.0000

Multiplier Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.060	ug/l	37.6	0.8	-0.8	0.8	
B	11	6	No Gas	8.308	ug/l	4.4	40	-40	40	
Na	23	45	He	72.793	ug/l	26.4	500	-500	500	
Mg	24	45	He	2.791	ug/l	68.7	200	-200	200	
Al	27	45	He	2.252	ug/l	48.8	40	-40	40	
K	39	45	He	33.251	ug/l	87.3	200	-200	200	
Ca	40	45	H2	7.559	ug/l	13.8	500	-500	500	
Ti	47	45	He	0.010	ug/l	2450.2	4	-4	4	
V	51	45	He	-0.573	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.294	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.161	ug/l	91.0	8	-8	8	
Fe	56	45	H2	6.331	ug/l	7.6	60	-60	60	
Co	59	45	He	-0.008	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.074	ug/l	69.9	4	-4	4	
Cu	63	45	He	0.087	ug/l	38.0	4	-4	4	
Zn	66	45	He	0.664	ug/l	45.7	16	-16	16	
As	75	45	He	-0.107	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.008	ug/l	893.8	2.5	-2.5	2.5	
Sr	88	115	He	0.034	ug/l	212.6	4	-4	4	
Mo	95	115	He	0.035	ug/l	106.8	4	-4	4	
Ag	107	115	He	0.028	ug/l	53.9	2	-2	2	
Cd	111	115	He	0.025	ug/l	86.6	2	-2	2	
Sn	118	115	He	0.103	ug/l	181.5	16	-16	16	
Sb	121	115	He	0.015	ug/l	238.8	2	-2	2	
Ba	135	159	He	-0.201	ug/l	0.0	4	-4	4	
Tl	205	209	He	-0.068	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.152	ug/l	10.7				
[Pb]	207	209	He	0.111	ug/l	38.4				
Pb	208	209	He	0.130	ug/l	7.8	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1788554.14	2.6	106.0	60	125	
Sc (ISICPMS)	45	H2	945930.98	1.9	94.5	60	125	
Sc (ISICPMS)	45	He	36010.78	1.6	94.7	60	125	
Ge (IS)	74	H2	167249.14	0.6	94.7	60	125	
Ge (IS)	74	He	21592.65	4.1	95.7	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	55069.07	1.4	93.2	60	125	
Tb (IS)	159	He	342746.94	0.1	96.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	305390.86	1.4	96.0	60	125	

Sample Report

File Name 070SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:51:31

Sample Name **LCSSRM 460-775422/2-A@5**

Comment ---

Dilution **1.0000**

Vial # 2102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	316.784	ug/l	2.2	2000	
B	11	6	No Gas	534.440	ug/l	5.4	500	>LDR 6020B
Na	23	45	He	330.310	ug/l	5.8	500000	
Mg	24	45	He	4970.264	ug/l	0.8	500000	
Al	27	45	He	15261.161	ug/l	0.9	200000	
K	39	45	He	4056.309	ug/l	2.6	500000	
Ca	40	45	H2	9814.319	ug/l	1.5	500000	
Ti	47	45	He	836.829	ug/l	0.3	5000	
V	51	45	He	210.169	ug/l	3.1	5000	
Cr	52	45	He	250.705	ug/l	2.1	20000	
Mn	55	45	He	685.269	ug/l	1.4	10000	
Fe	56	45	H2	28345.764	ug/l	2.4	500000	
Co	59	45	He	203.359	ug/l	2.7	2000	
Ni	60	45	He	173.969	ug/l	1.5	20000	
Cu	63	45	He	319.414	ug/l	2.6	20000	
Zn	66	45	He	660.668	ug/l	1.9	20000	
As	75	45	He	359.432	ug/l	2.6	5000	
Se	78	45	H2	368.802	ug/l	1.5	2000	
Sr	88	115	He	200.001	ug/l	3.1	5000	
Mo	95	115	He	96.568	ug/l	1.0	2000	
Ag	107	115	He	54.440	ug/l	0.9	100	
Cd	111	115	He	298.846	ug/l	2.6	5000	
Sn	118	115	He	209.666	ug/l	0.3	200	>LDR 6020B
Sb	121	115	He	164.192	ug/l	1.5	200	
Ba	135	159	He	282.003	ug/l	3.1	20000	
Tl	205	209	He	195.098	ug/l	0.5	1000	
[Pb]	206	209	He	177.460	ug/l	0.7		
[Pb]	207	209	He	163.192	ug/l	0.3		
Pb	208	209	He	168.670	ug/l	0.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1860562.47	0.8	110.2	60	125	
Sc (ISICPMS)	45	H2	1031889.24	4.6	103.1	60	125	
Sc (ISICPMS)	45	He	36852.91	1.6	96.9	60	125	
Ge (IS)	74	H2	177832.85	4.1	100.7	60	125	
Ge (IS)	74	He	22875.87	0.4	101.4	60	125	
Kr	83	He	16.68	69.3	250.0			
In-1	115	He	55807.53	1.0	94.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	349119.05	0.7	97.9	60	125	
Bi (IS)	209	He	305835.53	0.1	96.1	60	125	

Sample Report

File Name 071SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:53:41

Sample Name **pds 460-232641-A-4-B**

Comment ---

Dilution **1.0000**

Vial # 2103

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	23.640	ug/l	1.6	2000	
B	11	6	No Gas	479.188	ug/l	1.9	500	
Na	23	45	He	2674.440	ug/l	2.0	500000	
Mg	24	45	He	3390.379	ug/l	0.6	500000	
Al	27	45	He	59514.825	ug/l	2.2	200000	
K	39	45	He	3471.104	ug/l	0.5	500000	
Ca	40	45	H2	3523.106	ug/l	2.1	500000	
Ti	47	45	He	708.141	ug/l	0.7	5000	
V	51	45	He	195.723	ug/l	0.5	5000	
Cr	52	45	He	131.529	ug/l	1.1	20000	
Mn	55	45	He	327.540	ug/l	0.3	10000	
Fe	56	45	H2	71109.270	ug/l	2.1	500000	
Co	59	45	He	28.850	ug/l	1.8	2000	
Ni	60	45	He	68.101	ug/l	0.3	20000	
Cu	63	45	He	86.568	ug/l	0.5	20000	
Zn	66	45	He	271.995	ug/l	3.0	20000	
As	75	45	He	68.445	ug/l	1.4	5000	
Se	78	45	H2	52.352	ug/l	8.6	2000	
Sr	88	115	He	58.725	ug/l	3.9	5000	
Mo	95	115	He	52.908	ug/l	1.4	2000	
Ag	107	115	He	24.865	ug/l	3.1	100	
Cd	111	115	He	24.767	ug/l	4.2	5000	
Sn	118	115	He	63.672	ug/l	3.9	200	
Sb	121	115	He	25.029	ug/l	2.6	200	
Ba	135	159	He	137.889	ug/l	1.9	20000	
Tl	205	209	He	19.635	ug/l	2.4	1000	
[Pb]	206	209	He	88.732	ug/l	1.3		
[Pb]	207	209	He	86.454	ug/l	2.1		
Pb	208	209	He	86.723	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1906921.57	1.1	113.0	60	125	
Sc (ISICPMS)	45	H2	1034023.33	1.3	103.3	60	125	
Sc (ISICPMS)	45	He	40810.86	1.1	107.4	60	125	
Ge (IS)	74	H2	193100.20	2.2	109.4	60	125	
Ge (IS)	74	He	25068.95	1.3	111.2	60	125	
Kr	83	He	23.36	137.8	350.0			
In-1	115	He	58205.94	2.4	98.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	362673.78	0.5	101.7	60	125	
Bi (IS)	209	He	316431.58	1.0	99.4	60	125	

Sample Report

File Name 072SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:55:52

Sample Name **460-232641-A-4-D MS**

Comment ---

Dilution **1.0000**

Vial # 2104

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	50.781	ug/l	2.6	2000	
B	11	6	No Gas	980.583	ug/l	2.6	500	>LDR 6020B
Na	23	45	He	5272.291	ug/l	3.5	500000	
Mg	24	45	He	6124.242	ug/l	0.4	500000	
Al	27	45	He	82617.618	ug/l	2.4	200000	
K	39	45	He	6050.959	ug/l	0.5	500000	
Ca	40	45	H2	5893.064	ug/l	3.6	500000	
Ti	47	45	He	800.983	ug/l	2.6	5000	
V	51	45	He	246.726	ug/l	1.0	5000	
Cr	52	45	He	190.924	ug/l	2.7	20000	
Mn	55	45	He	602.624	ug/l	1.4	10000	
Fe	56	45	H2	71105.353	ug/l	2.4	500000	
Co	59	45	He	56.091	ug/l	2.0	2000	
Ni	60	45	He	126.717	ug/l	1.1	20000	
Cu	63	45	He	145.173	ug/l	2.1	20000	
Zn	66	45	He	521.736	ug/l	1.4	20000	
As	75	45	He	119.084	ug/l	2.7	5000	
Se	78	45	H2	96.147	ug/l	0.8	2000	
Sr	88	115	He	113.511	ug/l	3.1	5000	
Mo	95	115	He	104.526	ug/l	2.2	2000	
Ag	107	115	He	50.402	ug/l	2.3	100	
Cd	111	115	He	52.490	ug/l	2.0	5000	
Sn	118	115	He	106.484	ug/l	3.3	200	
Sb	121	115	He	32.040	ug/l	2.4	200	
Ba	135	159	He	198.782	ug/l	1.7	20000	
Tl	205	209	He	40.789	ug/l	1.8	1000	
[Pb]	206	209	He	127.362	ug/l	1.8		
[Pb]	207	209	He	122.938	ug/l	0.2		
Pb	208	209	He	125.098	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1960304.40	2.0	116.1	60	125	
Sc (ISICPMS)	45	H2	1096849.34	3.8	109.6	60	125	
Sc (ISICPMS)	45	He	41122.96	1.8	108.2	60	125	
Ge (IS)	74	H2	197836.02	4.0	112.1	60	125	
Ge (IS)	74	He	25570.23	3.1	113.4	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	59255.43	1.5	100.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	366801.58	0.3	102.8	60	125	
Bi (IS)	209	He	313406.94	0.7	98.5	60	125	

Sample Report

File Name 073SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 10:58:02

Sample Name **460-232641-A-4-C DU**

Comment ---

Dilution **1.0000**

Vial # 2105

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.998	ug/l	10.4	2000	
B	11	6	No Gas	30.830	ug/l	2.2	500	
Na	23	45	He	113.588	ug/l	9.5	500000	
Mg	24	45	He	949.303	ug/l	1.2	500000	
Al	27	45	He	59663.524	ug/l	1.9	200000	
K	39	45	He	1157.256	ug/l	6.0	500000	
Ca	40	45	H2	1050.765	ug/l	2.9	500000	
Ti	47	45	He	732.522	ug/l	5.3	5000	
V	51	45	He	153.787	ug/l	1.3	5000	
Cr	52	45	He	95.114	ug/l	3.2	20000	
Mn	55	45	He	94.902	ug/l	4.8	10000	
Fe	56	45	H2	73897.009	ug/l	1.3	500000	
Co	59	45	He	5.753	ug/l	3.9	2000	
Ni	60	45	He	21.170	ug/l	0.8	20000	
Cu	63	45	He	43.990	ug/l	2.8	20000	
Zn	66	45	He	58.156	ug/l	2.7	20000	
As	75	45	He	21.867	ug/l	2.7	5000	
Se	78	45	H2	0.621	ug/l	29.9	2000	
Sr	88	115	He	10.154	ug/l	1.6	5000	
Mo	95	115	He	4.295	ug/l	6.3	2000	
Ag	107	115	He	0.054	ug/l	9.0	100	
Cd	111	115	He	0.241	ug/l	54.8	5000	
Sn	118	115	He	12.533	ug/l	8.2	200	
Sb	121	115	He	0.500	ug/l	6.2	200	
Ba	135	159	He	88.487	ug/l	4.1	20000	
Tl	205	209	He	0.187	ug/l	10.6	1000	
[Pb]	206	209	He	68.391	ug/l	0.7		
[Pb]	207	209	He	65.736	ug/l	2.6		
Pb	208	209	He	66.347	ug/l	1.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1952366.10	0.6	115.7	60	125	
Sc (ISICPMS)	45	H2	1098654.68	2.2	109.8	60	125	
Sc (ISICPMS)	45	He	41079.45	1.3	108.1	60	125	
Ge (IS)	74	H2	201262.22	1.2	114.0	60	125	
Ge (IS)	74	He	24915.15	3.8	110.5	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	58725.83	3.3	99.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	368811.36	0.9	103.4	60	125	
Bi (IS)	209	He	319429.14	1.2	100.4	60	125	

Sample Report

File Name 074SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:00:13

Sample Name **460-232641-A-4-B**

Comment ---

Dilution **1.0000**

Vial # 2106

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.842	ug/l	3.9	2000	
B	11	6	No Gas	15.261	ug/l	3.0	500	
Na	23	45	He	74.310	ug/l	5.5	500000	
Mg	24	45	He	920.880	ug/l	1.5	500000	
Al	27	45	He	57126.242	ug/l	0.9	200000	
K	39	45	He	1083.595	ug/l	3.1	500000	
Ca	40	45	H2	978.565	ug/l	2.2	500000	
Ti	47	45	He	673.499	ug/l	4.7	5000	
V	51	45	He	144.943	ug/l	2.5	5000	
Cr	52	45	He	84.053	ug/l	1.2	20000	
Mn	55	45	He	87.031	ug/l	3.8	10000	
Fe	56	45	H2	68378.717	ug/l	4.3	500000	
Co	59	45	He	5.266	ug/l	2.2	2000	
Ni	60	45	He	18.856	ug/l	3.8	20000	
Cu	63	45	He	39.079	ug/l	1.5	20000	
Zn	66	45	He	41.345	ug/l	0.7	20000	
As	75	45	He	20.182	ug/l	6.9	5000	
Se	78	45	H2	0.785	ug/l	20.3	2000	
Sr	88	115	He	8.579	ug/l	4.3	5000	
Mo	95	115	He	3.948	ug/l	7.2	2000	
Ag	107	115	He	0.031	ug/l	54.1	100	
Cd	111	115	He	0.240	ug/l	36.2	5000	
Sn	118	115	He	12.961	ug/l	0.8	200	
Sb	121	115	He	0.449	ug/l	18.5	200	
Ba	135	159	He	82.183	ug/l	3.0	20000	
Tl	205	209	He	0.147	ug/l	8.1	1000	
[Pb]	206	209	He	65.231	ug/l	1.1		
[Pb]	207	209	He	61.515	ug/l	1.2		
Pb	208	209	He	62.784	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2023438.67	2.2	119.9	60	125	
Sc (ISICPMS)	45	H2	1122080.30	3.1	112.1	60	125	
Sc (ISICPMS)	45	He	41677.80	0.6	109.6	60	125	
Ge (IS)	74	H2	202903.90	1.1	114.9	60	125	
Ge (IS)	74	He	25573.69	3.5	113.4	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	59325.52	1.8	100.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	366774.21	1.2	102.8	60	125	
Bi (IS)	209	He	317157.03	1.5	99.7	60	125	

Sample Report

File Name 075SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:02:24

Sample Name **LCSSRM 460-775422/2-A@5**

Comment ---

Dilution **1.0000**

Vial # 2402

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	321.422	ug/l	3.2	2000	
B	11	6	No Gas	534.926	ug/l	6.2	500	>LDR 6020B
Na	23	45	He	221.034	ug/l	15.2	500000	
Mg	24	45	He	4896.229	ug/l	1.3	500000	
Al	27	45	He	15049.353	ug/l	1.9	200000	
K	39	45	He	3998.315	ug/l	2.0	500000	
Ca	40	45	H2	9887.600	ug/l	5.8	500000	
Ti	47	45	He	841.560	ug/l	2.2	5000	
V	51	45	He	210.216	ug/l	1.2	5000	
Cr	52	45	He	249.321	ug/l	1.3	20000	
Mn	55	45	He	682.383	ug/l	1.3	10000	
Fe	56	45	H2	28824.358	ug/l	2.6	500000	
Co	59	45	He	198.167	ug/l	0.4	2000	
Ni	60	45	He	174.028	ug/l	2.3	20000	
Cu	63	45	He	316.877	ug/l	1.4	20000	
Zn	66	45	He	658.239	ug/l	2.1	20000	
As	75	45	He	360.287	ug/l	1.1	5000	
Se	78	45	H2	383.885	ug/l	8.2	2000	
Sr	88	115	He	197.948	ug/l	0.8	5000	
Mo	95	115	He	95.663	ug/l	2.2	2000	
Ag	107	115	He	53.692	ug/l	0.9	100	
Cd	111	115	He	298.149	ug/l	1.1	5000	
Sn	118	115	He	208.456	ug/l	1.6	200	>LDR 6020B
Sb	121	115	He	164.185	ug/l	1.3	200	
Ba	135	159	He	291.734	ug/l	1.2	20000	
Tl	205	209	He	196.331	ug/l	0.9	1000	
[Pb]	206	209	He	178.017	ug/l	0.5		
[Pb]	207	209	He	163.411	ug/l	1.4		
Pb	208	209	He	170.584	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1999974.66	2.6	118.5	60	125	
Sc (ISICPMS)	45	H2	1099572.78	4.2	109.8	60	125	
Sc (ISICPMS)	45	He	40280.22	1.7	106.0	60	125	
Ge (IS)	74	H2	196307.36	3.4	111.2	60	125	
Ge (IS)	74	He	24015.68	2.5	106.5	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	60115.72	1.9	101.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	370163.23	1.7	103.8	60	125	
Bi (IS)	209	He	321667.70	1.3	101.1	60	125	

Sample Report

File Name 076SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:04:35

Sample Name **460-232619-E-1-B**

Comment ---

Dilution **1.0000**

Vial # 3408

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.187	ug/l	8.1	2000	
B	11	6	No Gas	28.285	ug/l	1.1	500	
Na	23	45	He	13553.629	ug/l	1.1	500000	
Mg	24	45	He	1607.165	ug/l	1.6	500000	
Al	27	45	He	158.367	ug/l	1.5	200000	
K	39	45	He	831.866	ug/l	2.8	500000	
Ca	40	45	H2	1322.437	ug/l	3.5	500000	
Ti	47	45	He	0.716	ug/l	162.4	5000	
V	51	45	He	-0.355	ug/l	N/A	5000	
Cr	52	45	He	-0.141	ug/l	N/A	20000	
Mn	55	45	He	23.206	ug/l	4.0	10000	
Fe	56	45	H2	123.866	ug/l	2.9	500000	
Co	59	45	He	1.739	ug/l	6.0	2000	
Ni	60	45	He	1.619	ug/l	14.6	20000	
Cu	63	45	He	0.947	ug/l	14.1	20000	
Zn	66	45	He	10.214	ug/l	3.0	20000	
As	75	45	He	0.005	ug/l	1695.8	5000	
Se	78	45	H2	0.113	ug/l	32.1	2000	
Sr	88	115	He	15.820	ug/l	7.6	5000	
Mo	95	115	He	0.451	ug/l	23.7	2000	
Ag	107	115	He	-0.006	ug/l	N/A	100	
Cd	111	115	He	0.088	ug/l	21.3	5000	
Sn	118	115	He	-0.097	ug/l	N/A	200	
Sb	121	115	He	0.120	ug/l	11.3	200	
Ba	135	159	He	61.272	ug/l	2.3	20000	
Tl	205	209	He	-0.007	ug/l	N/A	1000	
[Pb]	206	209	He	0.659	ug/l	1.3		
[Pb]	207	209	He	0.542	ug/l	9.9		
Pb	208	209	He	0.589	ug/l	2.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1994620.42	0.8	118.2	60	125	
Sc (ISICPMS)	45	H2	1106292.78	2.2	110.5	60	125	
Sc (ISICPMS)	45	He	40616.83	0.5	106.8	60	125	
Ge (IS)	74	H2	197863.34	2.3	112.1	60	125	
Ge (IS)	74	He	25119.06	4.0	111.4	60	125	
Kr	83	He	13.35	86.6	200.0			
In-1	115	He	61592.19	1.3	104.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	371392.26	0.9	104.1	60	125	
Bi (IS)	209	He	328699.04	0.9	103.3	60	125	

Sample Report

File Name 077SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:06:47

Sample Name **460-232619-E-2-B**

Comment ---

Dilution **1.0000**

Vial # 3409

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.090	ug/l	3.1	2000	
B	11	6	No Gas	20.905	ug/l	1.7	500	
Na	23	45	He	19246.030	ug/l	2.3	500000	
Mg	24	45	He	1675.238	ug/l	1.5	500000	
Al	27	45	He	149.198	ug/l	3.6	200000	
K	39	45	He	1215.661	ug/l	3.9	500000	
Ca	40	45	H2	888.547	ug/l	1.4	500000	
Ti	47	45	He	0.473	ug/l	45.2	5000	
V	51	45	He	-0.148	ug/l	N/A	5000	
Cr	52	45	He	-0.367	ug/l	N/A	20000	
Mn	55	45	He	9.404	ug/l	3.6	10000	
Fe	56	45	H2	109.391	ug/l	1.7	500000	
Co	59	45	He	1.269	ug/l	5.6	2000	
Ni	60	45	He	1.375	ug/l	33.1	20000	
Cu	63	45	He	0.322	ug/l	22.6	20000	
Zn	66	45	He	5.057	ug/l	5.3	20000	
As	75	45	He	0.001	ug/l	13143.1	5000	
Se	78	45	H2	0.038	ug/l	214.0	2000	
Sr	88	115	He	14.959	ug/l	3.3	5000	
Mo	95	115	He	0.014	ug/l	3.9	2000	
Ag	107	115	He	-0.014	ug/l	N/A	100	
Cd	111	115	He	0.090	ug/l	59.7	5000	
Sn	118	115	He	0.147	ug/l	481.2	200	
Sb	121	115	He	0.067	ug/l	21.4	200	
Ba	135	159	He	71.137	ug/l	4.6	20000	
Tl	205	209	He	-0.054	ug/l	N/A	1000	
[Pb]	206	209	He	0.667	ug/l	3.7		
[Pb]	207	209	He	0.654	ug/l	9.0		
Pb	208	209	He	0.636	ug/l	2.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1949425.79	2.5	115.5	60	125	
Sc (ISICPMS)	45	H2	1117682.57	1.2	111.7	60	125	
Sc (ISICPMS)	45	He	40979.19	1.4	107.8	60	125	
Ge (IS)	74	H2	199310.71	1.5	112.9	60	125	
Ge (IS)	74	He	24634.23	1.2	109.2	60	125	
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	61461.64	3.9	104.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	369622.94	2.2	103.6	60	125	
Bi (IS)	209	He	330973.87	0.9	104.0	60	125	

Sample Report

File Name 078SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:08:59

Sample Name **460-232619-E-3-B**

Comment ---

Dilution **1.0000**

Vial # 3410

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.118	ug/l	24.2	2000	
B	11	6	No Gas	19.317	ug/l	2.8	500	
Na	23	45	He	10887.450	ug/l	1.2	500000	
Mg	24	45	He	1561.636	ug/l	0.9	500000	
Al	27	45	He	173.360	ug/l	4.2	200000	
K	39	45	He	694.259	ug/l	2.0	500000	
Ca	40	45	H2	980.639	ug/l	4.2	500000	
Ti	47	45	He	0.356	ug/l	59.0	5000	
V	51	45	He	-0.346	ug/l	N/A	5000	
Cr	52	45	He	-0.455	ug/l	N/A	20000	
Mn	55	45	He	25.765	ug/l	6.1	10000	
Fe	56	45	H2	116.948	ug/l	2.8	500000	
Co	59	45	He	1.809	ug/l	7.0	2000	
Ni	60	45	He	1.345	ug/l	23.6	20000	
Cu	63	45	He	0.291	ug/l	11.2	20000	
Zn	66	45	He	4.071	ug/l	2.8	20000	
As	75	45	He	0.049	ug/l	410.4	5000	
Se	78	45	H2	0.060	ug/l	92.0	2000	
Sr	88	115	He	13.958	ug/l	2.5	5000	
Mo	95	115	He	0.041	ug/l	33.2	2000	
Ag	107	115	He	-0.014	ug/l	N/A	100	
Cd	111	115	He	0.078	ug/l	65.2	5000	
Sn	118	115	He	-0.077	ug/l	N/A	200	
Sb	121	115	He	0.063	ug/l	86.4	200	
Ba	135	159	He	60.143	ug/l	2.2	20000	
Tl	205	209	He	-0.068	ug/l	N/A	1000	
[Pb]	206	209	He	0.532	ug/l	4.7		
[Pb]	207	209	He	0.458	ug/l	15.1		
Pb	208	209	He	0.517	ug/l	6.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1971172.37	1.4	116.8	60	125	
Sc (ISICPMS)	45	H2	1089587.74	3.9	108.8	60	125	
Sc (ISICPMS)	45	He	40608.06	1.0	106.8	60	125	
Ge (IS)	74	H2	195197.44	0.1	110.6	60	125	
Ge (IS)	74	He	24136.13	1.8	107.0	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	60636.72	0.5	102.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	368662.67	2.0	103.4	60	125	
Bi (IS)	209	He	325509.57	1.5	102.3	60	125	

Sample Report

File Name 079SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:11:11

Sample Name **sd 460-232641-A-4-B@5**

Comment ---

Dilution **1.0000**

Vial # 2107

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.202	ug/l	4.4	2000	
B	11	6	No Gas	6.472	ug/l	6.5	500	
Na	23	45	He	-4.783	ug/l	N/A	500000	
Mg	24	45	He	203.520	ug/l	2.7	500000	
Al	27	45	He	12360.131	ug/l	1.5	200000	
K	39	45	He	239.381	ug/l	8.6	500000	
Ca	40	45	H2	207.944	ug/l	3.2	500000	
Ti	47	45	He	143.152	ug/l	5.4	5000	
V	51	45	He	30.892	ug/l	4.6	5000	
Cr	52	45	He	17.469	ug/l	1.2	20000	
Mn	55	45	He	18.601	ug/l	1.9	10000	
Fe	56	45	H2	14492.020	ug/l	1.7	500000	
Co	59	45	He	1.112	ug/l	8.2	2000	
Ni	60	45	He	4.198	ug/l	10.1	20000	
Cu	63	45	He	8.791	ug/l	3.2	20000	
Zn	66	45	He	9.196	ug/l	3.9	20000	
As	75	45	He	3.737	ug/l	9.7	5000	
Se	78	45	H2	0.202	ug/l	27.0	2000	
Sr	88	115	He	1.462	ug/l	28.3	5000	
Mo	95	115	He	0.733	ug/l	21.5	2000	
Ag	107	115	He	-0.003	ug/l	N/A	100	
Cd	111	115	He	0.023	ug/l	86.6	5000	
Sn	118	115	He	2.549	ug/l	7.5	200	
Sb	121	115	He	0.130	ug/l	2.9	200	
Ba	135	159	He	15.364	ug/l	4.7	20000	
Tl	205	209	He	-0.037	ug/l	N/A	1000	
[Pb]	206	209	He	13.484	ug/l	4.0		
[Pb]	207	209	He	12.310	ug/l	2.7		
Pb	208	209	He	12.931	ug/l	2.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1956827.09	3.2	115.9	60	125	
Sc (ISICPMS)	45	H2	1103599.04	3.1	110.2	60	125	
Sc (ISICPMS)	45	He	39921.70	1.0	105.0	60	125	
Ge (IS)	74	H2	186175.94	1.2	105.5	60	125	
Ge (IS)	74	He	23972.32	1.7	106.3	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	59161.70	0.7	100.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	365264.95	0.3	102.4	60	125	
Bi (IS)	209	He	322066.61	0.9	101.2	60	125	

Continuing Calibration Verification (CCV)

File Name 080_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:13:21

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	97.184	ug/l	2.3	100	90	110	
B	11	6	No Gas	246.870	ug/l	3.0	250	225	275	
Na	23	45	He	25028.024	ug/l	4.0	25000	22500	27500	
Mg	24	45	He	25421.082	ug/l	0.8	25000	22500	27500	
Al	27	45	He	24652.712	ug/l	1.9	25000	22500	27500	
K	39	45	He	24953.467	ug/l	0.8	25000	22500	27500	
Ca	40	45	H2	24554.694	ug/l	2.0	25000	22500	27500	
Ti	47	45	He	98.797	ug/l	7.7	100	90	110	
V	51	45	He	97.405	ug/l	2.9	100	90	110	
Cr	52	45	He	98.274	ug/l	2.4	100	90	110	
Mn	55	45	He	100.951	ug/l	1.8	100	90	110	
Fe	56	45	H2	25500.192	ug/l	1.8	25000	22500	27500	
Co	59	45	He	99.123	ug/l	0.8	100	90	110	
Ni	60	45	He	97.355	ug/l	0.5	100	90	110	
Cu	63	45	He	99.725	ug/l	0.7	100	90	110	
Zn	66	45	He	248.391	ug/l	3.0	250	225	275	
As	75	45	He	97.404	ug/l	4.5	100	90	110	
Se	78	45	H2	100.708	ug/l	2.7	100	90	110	
Sr	88	115	He	98.537	ug/l	0.2	100	90	110	
Mo	95	115	He	97.726	ug/l	2.7	100	90	110	
Ag	107	115	He	49.677	ug/l	1.2	50	45	55	
Cd	111	115	He	97.711	ug/l	1.7	100	90	110	
Sn	118	115	He	99.007	ug/l	0.6	100	90	110	
Sb	121	115	He	98.700	ug/l	2.3	100	90	110	
Ba	135	159	He	98.713	ug/l	1.2	100	90	110	
Tl	205	209	He	98.492	ug/l	3.2	100	90	110	
[Pb]	206	209	He	99.693	ug/l	1.2				
[Pb]	207	209	He	99.343	ug/l	1.2				
Pb	208	209	He	99.601	ug/l	2.0	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1912025.88	1.4	113.3	60	125	
Sc (ISICPMS)	45	H2	1057992.54	1.2	105.7	60	125	
Sc (ISICPMS)	45	He	39740.88	1.0	104.5	60	125	
Ge (IS)	74	H2	193460.47	0.6	109.6	60	125	
Ge (IS)	74	He	23581.32	1.0	104.6	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	59787.73	0.3	101.2	60	125	
Tb (IS)	159	He	362949.84	1.0	101.8	60	125	
Bi (IS)	209	He	314649.56	2.1	98.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 081_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:15:30

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.028	ug/l	52.5	0.8	-0.8	0.8	
B	11	6	No Gas	8.540	ug/l	1.8	40	-40	40	
Na	23	45	He	-33.832	ug/l	N/A	500	-500	500	
Mg	24	45	He	3.160	ug/l	42.0	200	-200	200	
Al	27	45	He	3.304	ug/l	83.9	40	-40	40	
K	39	45	He	13.355	ug/l	111.8	200	-200	200	
Ca	40	45	H2	2.802	ug/l	25.9	500	-500	500	
Ti	47	45	He	-0.130	ug/l	N/A	4	-4	4	
V	51	45	He	-0.193	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.313	ug/l	N/A	4	-4	4	
Mn	55	45	He	-0.087	ug/l	N/A	8	-8	8	
Fe	56	45	H2	4.460	ug/l	5.3	60	-60	60	
Co	59	45	He	-0.009	ug/l	N/A	4	-4	4	
Ni	60	45	He	-0.004	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.045	ug/l	88.1	4	-4	4	
Zn	66	45	He	0.327	ug/l	45.0	16	-16	16	
As	75	45	He	-0.006	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.012	ug/l	1219.3	2.5	-2.5	2.5	
Sr	88	115	He	-0.026	ug/l	N/A	4	-4	4	
Mo	95	115	He	0.009	ug/l	86.6	4	-4	4	
Ag	107	115	He	-0.002	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.023	ug/l	173.2	2	-2	2	
Sn	118	115	He	0.186	ug/l	58.7	16	-16	16	
Sb	121	115	He	0.033	ug/l	82.3	2	-2	2	
Ba	135	159	He	-0.041	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.054	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.038	ug/l	58.0				
[Pb]	207	209	He	0.033	ug/l	81.2				
Pb	208	209	He	0.030	ug/l	34.5	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1946857.70	0.8	115.3	60	125	
Sc (ISICPMS)	45	H2	1049108.61	1.4	104.8	60	125	
Sc (ISICPMS)	45	He	40287.20	1.3	106.0	60	125	
Ge (IS)	74	H2	181859.03	0.5	103.0	60	125	
Ge (IS)	74	He	22936.14	2.8	101.7	60	125	
Kr	83	He	16.68	91.7	250.0			
In-1	115	He	60375.30	0.6	102.2	60	125	
Tb (IS)	159	He	363591.48	1.1	101.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	325521.72	2.2	102.3	60	125	

Sample Report

File Name 082SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:17:42

Sample Name **460-232619-E-4-B**

Comment ---

Dilution **1.0000**

Vial # 3411

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.131	ug/l	11.3	2000	
B	11	6	No Gas	18.917	ug/l	6.3	500	
Na	23	45	He	11182.092	ug/l	1.6	500000	
Mg	24	45	He	1664.055	ug/l	0.5	500000	
Al	27	45	He	173.635	ug/l	4.8	200000	
K	39	45	He	744.713	ug/l	1.3	500000	
Ca	40	45	H2	1062.483	ug/l	2.8	500000	
Ti	47	45	He	0.482	ug/l	43.3	5000	
V	51	45	He	-0.189	ug/l	N/A	5000	
Cr	52	45	He	-0.199	ug/l	N/A	20000	
Mn	55	45	He	25.299	ug/l	4.2	10000	
Fe	56	45	H2	122.931	ug/l	2.9	500000	
Co	59	45	He	1.955	ug/l	8.1	2000	
Ni	60	45	He	1.839	ug/l	1.8	20000	
Cu	63	45	He	0.504	ug/l	5.8	20000	
Zn	66	45	He	4.765	ug/l	9.0	20000	
As	75	45	He	0.009	ug/l	727.7	5000	
Se	78	45	H2	0.161	ug/l	53.9	2000	
Sr	88	115	He	15.356	ug/l	2.1	5000	
Mo	95	115	He	0.032	ug/l	26.5	2000	
Ag	107	115	He	-0.020	ug/l	N/A	100	
Cd	111	115	He	0.033	ug/l	99.4	5000	
Sn	118	115	He	0.079	ug/l	138.1	200	
Sb	121	115	He	0.044	ug/l	38.2	200	
Ba	135	159	He	57.980	ug/l	5.6	20000	
Tl	205	209	He	-0.071	ug/l	N/A	1000	
[Pb]	206	209	He	0.525	ug/l	9.7		
[Pb]	207	209	He	0.443	ug/l	2.4		
Pb	208	209	He	0.490	ug/l	4.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1950978.35	2.4	115.6	60	125	
Sc (ISICPMS)	45	H2	1059246.98	2.3	105.8	60	125	
Sc (ISICPMS)	45	He	40196.92	0.5	105.7	60	125	
Ge (IS)	74	H2	191292.50	1.5	108.4	60	125	
Ge (IS)	74	He	24554.03	2.0	108.9	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	61478.99	1.7	104.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	370741.61	1.6	104.0	60	125	
Bi (IS)	209	He	325323.36	2.1	102.2	60	125	

Sample Report

File Name 083SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:19:55

Sample Name **460-233053-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 3412

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.016	ug/l	108.7	2000	
B	11	6	No Gas	2020.647	ug/l	4.7	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	4927444.640	ug/l	1.1	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	540356.299	ug/l	1.9	500000	>LDR 6020B□>LDR 200.8
Al	27	45	He	87.851	ug/l	1.3	200000	
K	39	45	He	173644.947	ug/l	1.2	500000	
Ca	40	45	H2	200660.362	ug/l	1.6	500000	
Ti	47	45	He	2.892	ug/l	62.0	5000	
V	51	45	He	4.597	ug/l	13.7	5000	
Cr	52	45	He	10.193	ug/l	1.5	20000	
Mn	55	45	He	16.166	ug/l	2.5	10000	
Fe	56	45	H2	291.782	ug/l	2.6	500000	
Co	59	45	He	0.113	ug/l	6.3	2000	
Ni	60	45	He	2.956	ug/l	2.8	20000	
Cu	63	45	He	2.401	ug/l	6.8	20000	
Zn	66	45	He	11.028	ug/l	8.4	20000	
As	75	45	He	2.392	ug/l	16.0	5000	
Se	78	45	H2	0.612	ug/l	44.5	2000	
Sr	88	115	He	3463.547	ug/l	1.4	5000	
Mo	95	115	He	19.223	ug/l	2.5	2000	
Ag	107	115	He	0.034	ug/l	78.0	100	
Cd	111	115	He	0.023	ug/l	86.6	5000	
Sn	118	115	He	0.249	ug/l	107.1	200	
Sb	121	115	He	3.745	ug/l	7.4	200	
Ba	135	159	He	139.333	ug/l	5.8	20000	
Tl	205	209	He	-0.085	ug/l	N/A	1000	
[Pb]	206	209	He	5.169	ug/l	4.4		
[Pb]	207	209	He	4.916	ug/l	5.6		
Pb	208	209	He	4.962	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1742088.72	1.0	103.2	60	125	
Sc (ISICPMS)	45	H2	1057201.09	2.1	105.6	60	125	
Sc (ISICPMS)	45	He	40776.29	0.2	107.3	60	125	
Ge (IS)	74	H2	187242.56	1.9	106.1	60	125	
Ge (IS)	74	He	24447.15	3.5	108.4	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	57943.04	1.4	98.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	355563.54	1.4	99.7	60	125	
Bi (IS)	209	He	286352.50	2.5	90.0	60	125	

Sample Report

File Name 084SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:22:04

Sample Name **460-233053-A-1-B MS**

Comment ---

Dilution **1.0000**

Vial # 3501

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	24.137	ug/l	3.6	2000	
B	11	6	No Gas	2469.135	ug/l	1.9	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	4974420.597	ug/l	2.3	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	547534.519	ug/l	0.9	500000	>LDR 6020B□>LDR 200.8
Al	27	45	He	2585.967	ug/l	0.3	200000	
K	39	45	He	171223.022	ug/l	3.4	500000	
Ca	40	45	H2	199631.782	ug/l	2.2	500000	
Ti	47	45	He	50.873	ug/l	11.8	5000	
V	51	45	He	56.136	ug/l	1.1	5000	
Cr	52	45	He	58.155	ug/l	1.7	20000	
Mn	55	45	He	266.846	ug/l	3.2	10000	
Fe	56	45	H2	2764.178	ug/l	3.1	500000	
Co	59	45	He	23.429	ug/l	1.6	2000	
Ni	60	45	He	49.037	ug/l	1.4	20000	
Cu	63	45	He	48.113	ug/l	1.1	20000	
Zn	66	45	He	245.416	ug/l	1.5	20000	
As	75	45	He	54.782	ug/l	2.1	5000	
Se	78	45	H2	50.953	ug/l	4.6	2000	
Sr	88	115	He	3471.117	ug/l	1.5	5000	
Mo	95	115	He	69.682	ug/l	2.1	2000	
Ag	107	115	He	22.954	ug/l	1.4	100	
Cd	111	115	He	24.431	ug/l	3.5	5000	
Sn	118	115	He	51.606	ug/l	3.6	200	
Sb	121	115	He	29.507	ug/l	1.8	200	
Ba	135	159	He	188.069	ug/l	2.1	20000	
Tl	205	209	He	20.412	ug/l	0.6	1000	
[Pb]	206	209	He	31.008	ug/l	2.1		
[Pb]	207	209	He	30.256	ug/l	1.8		
Pb	208	209	He	30.471	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1943337.78	4.2	115.1	60	125	
Sc (ISICPMS)	45	H2	1048665.83	2.6	104.8	60	125	
Sc (ISICPMS)	45	He	40992.43	1.7	107.8	60	125	
Ge (IS)	74	H2	189695.45	3.5	107.5	60	125	
Ge (IS)	74	He	24647.48	4.7	109.3	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	59013.62	0.9	99.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	355015.99	0.1	99.5	60	125	
Bi (IS)	209	He	286218.21	0.7	89.9	60	125	

Sample Report

File Name 085SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:24:13

Sample Name **460-233096-D-1-A**

Comment ---

Dilution **1.0000**

Vial # 3502

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.020	ug/l	29.6	2000	
B	11	6	No Gas	1077.676	ug/l	1.7	500	>LDR 6020B
Na	23	45	He	2401088.203	ug/l	2.6	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	269596.716	ug/l	2.3	500000	
Al	27	45	He	13.743	ug/l	46.8	200000	
K	39	45	He	89458.855	ug/l	3.1	500000	
Ca	40	45	H2	135610.907	ug/l	3.2	500000	
Ti	47	45	He	0.440	ug/l	46.3	5000	
V	51	45	He	1.135	ug/l	3.7	5000	
Cr	52	45	He	0.109	ug/l	92.3	20000	
Mn	55	45	He	392.767	ug/l	3.4	10000	
Fe	56	45	H2	1369.862	ug/l	2.3	500000	
Co	59	45	He	0.598	ug/l	5.3	2000	
Ni	60	45	He	1.967	ug/l	7.4	20000	
Cu	63	45	He	2.064	ug/l	6.5	20000	
Zn	66	45	He	3.595	ug/l	4.5	20000	
As	75	45	He	1.429	ug/l	18.7	5000	
Se	78	45	H2	0.056	ug/l	142.1	2000	
Sr	88	115	He	1988.704	ug/l	0.6	5000	
Mo	95	115	He	2.254	ug/l	4.0	2000	
Ag	107	115	He	-0.014	ug/l	N/A	100	
Cd	111	115	He	0.034	ug/l	100.4	5000	
Sn	118	115	He	0.131	ug/l	145.0	200	
Sb	121	115	He	0.367	ug/l	14.0	200	
Ba	135	159	He	214.658	ug/l	1.4	20000	
Tl	205	209	He	-0.085	ug/l	N/A	1000	
[Pb]	206	209	He	0.313	ug/l	15.4		
[Pb]	207	209	He	0.284	ug/l	11.2		
Pb	208	209	He	0.302	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2044754.57	0.6	121.1	60	125	
Sc (ISICPMS)	45	H2	1114860.71	1.5	111.4	60	125	
Sc (ISICPMS)	45	He	43374.15	2.3	114.1	60	125	
Ge (IS)	74	H2	203153.12	3.7	115.1	60	125	
Ge (IS)	74	He	25517.08	1.0	113.1	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	60516.70	0.6	102.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	369664.20	2.3	103.6	60	125	
Bi (IS)	209	He	303315.69	1.5	95.3	60	125	

Sample Report

File Name 086SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:26:23

Sample Name **460-233096-D-4-A**

Comment ---

Dilution **1.0000**

Vial # 3503

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.021	ug/l	122.7	2000	
B	11	6	No Gas	1729.613	ug/l	4.4	500	>LDR 6020B
Na	23	45	He	3990324.686	ug/l	1.7	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	452851.182	ug/l	3.0	500000	>LDR 200.8
Al	27	45	He	18.218	ug/l	16.2	200000	
K	39	45	He	140710.326	ug/l	1.0	500000	
Ca	40	45	H2	172846.724	ug/l	1.4	500000	
Ti	47	45	He	0.747	ug/l	51.8	5000	
V	51	45	He	1.506	ug/l	11.9	5000	
Cr	52	45	He	-0.245	ug/l	N/A	20000	
Mn	55	45	He	45.040	ug/l	1.7	10000	
Fe	56	45	H2	270.121	ug/l	2.5	500000	
Co	59	45	He	0.132	ug/l	14.3	2000	
Ni	60	45	He	0.866	ug/l	21.9	20000	
Cu	63	45	He	3.114	ug/l	1.2	20000	
Zn	66	45	He	9.686	ug/l	4.1	20000	
As	75	45	He	2.836	ug/l	20.4	5000	
Se	78	45	H2	0.265	ug/l	30.8	2000	
Sr	88	115	He	3141.284	ug/l	0.2	5000	
Mo	95	115	He	4.945	ug/l	7.7	2000	
Ag	107	115	He	-0.016	ug/l	N/A	100	
Cd	111	115	He	0.055	ug/l	35.4	5000	
Sn	118	115	He	0.258	ug/l	33.6	200	
Sb	121	115	He	0.460	ug/l	18.5	200	
Ba	135	159	He	43.898	ug/l	3.8	20000	
Tl	205	209	He	-0.085	ug/l	N/A	1000	
[Pb]	206	209	He	0.876	ug/l	4.3		
[Pb]	207	209	He	0.793	ug/l	4.7		
Pb	208	209	He	0.809	ug/l	2.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2065464.36	3.7	122.4	60	125	
Sc (ISICPMS)	45	H2	1132645.77	1.9	113.2	60	125	
Sc (ISICPMS)	45	He	45019.80	1.0	118.4	60	125	
Ge (IS)	74	H2	204764.85	1.8	116.0	60	125	
Ge (IS)	74	He	26429.52	3.2	117.2	60	125	
Kr	83	He	13.35	86.6	200.0			
In-1	115	He	61818.27	1.0	104.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	373846.41	2.2	104.8	60	125	
Bi (IS)	209	He	300186.29	1.7	94.3	60	125	

Sample Report

File Name 087SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:28:32

Sample Name **460-233096-D-7-A**

Comment ---

Dilution **1.0000**

Vial # 3504

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.004	ug/l	N/A	2000	
B	11	6	No Gas	95.776	ug/l	1.3	500	
Na	23	45	He	186634.883	ug/l	1.7	500000	
Mg	24	45	He	11020.204	ug/l	0.7	500000	
Al	27	45	He	7.366	ug/l	23.9	200000	
K	39	45	He	9234.880	ug/l	0.9	500000	
Ca	40	45	H2	35291.611	ug/l	2.7	500000	
Ti	47	45	He	0.919	ug/l	37.2	5000	
V	51	45	He	2.133	ug/l	21.7	5000	
Cr	52	45	He	-0.135	ug/l	N/A	20000	
Mn	55	45	He	156.131	ug/l	1.5	10000	
Fe	56	45	H2	2048.579	ug/l	1.2	500000	
Co	59	45	He	0.142	ug/l	3.0	2000	
Ni	60	45	He	1.282	ug/l	17.3	20000	
Cu	63	45	He	1.790	ug/l	0.6	20000	
Zn	66	45	He	3.189	ug/l	8.5	20000	
As	75	45	He	1.397	ug/l	15.1	5000	
Se	78	45	H2	0.086	ug/l	27.0	2000	
Sr	88	115	He	236.021	ug/l	1.8	5000	
Mo	95	115	He	0.590	ug/l	5.0	2000	
Ag	107	115	He	-0.010	ug/l	N/A	100	
Cd	111	115	He	0.011	ug/l	173.2	5000	
Sn	118	115	He	0.018	ug/l	1009.9	200	
Sb	121	115	He	0.252	ug/l	20.7	200	
Ba	135	159	He	88.264	ug/l	4.2	20000	
Tl	205	209	He	-0.090	ug/l	N/A	1000	
[Pb]	206	209	He	0.270	ug/l	8.1		
[Pb]	207	209	He	0.345	ug/l	12.5		
Pb	208	209	He	0.300	ug/l	5.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2256121.95	0.1	133.7	60	125	fail
Sc (ISICPMS)	45	H2	1148297.74	7.5	114.7	60	125	
Sc (ISICPMS)	45	He	42192.68	1.0	111.0	60	125	
Ge (IS)	74	H2	205680.95	2.0	116.5	60	125	
Ge (IS)	74	He	25677.31	4.8	113.9	60	125	
Kr	83	He	23.36	49.5	350.0			
In-1	115	He	62307.99	1.9	105.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	368923.32	2.1	103.4	60	125	
Bi (IS)	209	He	317463.92	1.5	99.7	60	125	

Sample Report

File Name 088SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:30:41

Sample Name **460-232641-A-9-B**

Comment ---

Dilution **1.0000**

Vial # 2203

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.481	ug/l	2.2	2000	
B	11	6	No Gas	30.066	ug/l	6.2	500	
Na	23	45	He	1239.462	ug/l	1.7	500000	
Mg	24	45	He	5349.810	ug/l	0.9	500000	
Al	27	45	He	104287.532	ug/l	1.4	200000	
K	39	45	He	2457.446	ug/l	1.2	500000	
Ca	40	45	H2	5854.688	ug/l	1.3	500000	
Ti	47	45	He	1866.218	ug/l	0.7	5000	
V	51	45	He	205.853	ug/l	1.6	5000	
Cr	52	45	He	132.879	ug/l	1.9	20000	
Mn	55	45	He	354.645	ug/l	3.0	10000	
Fe	56	45	H2	127362.973	ug/l	0.9	500000	
Co	59	45	He	19.590	ug/l	0.8	2000	
Ni	60	45	He	52.973	ug/l	0.4	20000	
Cu	63	45	He	77.614	ug/l	1.0	20000	
Zn	66	45	He	253.111	ug/l	1.4	20000	
As	75	45	He	39.962	ug/l	2.6	5000	
Se	78	45	H2	2.219	ug/l	13.3	2000	
Sr	88	115	He	57.916	ug/l	2.2	5000	
Mo	95	115	He	7.318	ug/l	7.7	2000	
Ag	107	115	He	0.090	ug/l	34.8	100	
Cd	111	115	He	1.827	ug/l	22.1	5000	
Sn	118	115	He	14.634	ug/l	2.3	200	
Sb	121	115	He	1.250	ug/l	4.4	200	
Ba	135	159	He	244.990	ug/l	1.5	20000	
Tl	205	209	He	0.498	ug/l	4.3	1000	
[Pb]	206	209	He	221.968	ug/l	1.1		
[Pb]	207	209	He	207.408	ug/l	1.9		
Pb	208	209	He	211.222	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1878262.84	2.8	111.3	60	125	
Sc (ISICPMS)	45	H2	946374.46	1.7	94.5	60	125	
Sc (ISICPMS)	45	He	34966.95	0.6	92.0	60	125	
Ge (IS)	74	H2	172701.55	1.1	97.8	60	125	
Ge (IS)	74	He	21903.41	2.9	97.1	60	125	
Kr	83	He	23.36	24.7	350.0			
In-1	115	He	50871.71	2.5	86.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	327572.09	0.7	91.8	60	125	
Bi (IS)	209	He	282952.95	1.6	88.9	60	125	

Sample Report

File Name 089SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:32:55

Sample Name **460-232641-A-10-B**

Comment ---

Dilution **1.0000**

Vial # 2204

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.039	ug/l	7.0	2000	
B	11	6	No Gas	25.957	ug/l	3.6	500	
Na	23	45	He	1053.135	ug/l	5.7	500000	
Mg	24	45	He	4879.737	ug/l	3.5	500000	
Al	27	45	He	77125.827	ug/l	2.4	200000	
K	39	45	He	2128.411	ug/l	2.5	500000	
Ca	40	45	H2	6757.448	ug/l	1.9	500000	
Ti	47	45	He	1399.805	ug/l	0.8	5000	
V	51	45	He	158.686	ug/l	2.2	5000	
Cr	52	45	He	108.166	ug/l	2.7	20000	
Mn	55	45	He	418.172	ug/l	2.3	10000	
Fe	56	45	H2	109090.291	ug/l	0.8	500000	
Co	59	45	He	16.529	ug/l	5.2	2000	
Ni	60	45	He	43.486	ug/l	2.4	20000	
Cu	63	45	He	97.530	ug/l	1.6	20000	
Zn	66	45	He	387.541	ug/l	2.7	20000	
As	75	45	He	31.533	ug/l	3.7	5000	
Se	78	45	H2	1.730	ug/l	25.8	2000	
Sr	88	115	He	49.893	ug/l	2.9	5000	
Mo	95	115	He	7.766	ug/l	5.7	2000	
Ag	107	115	He	0.180	ug/l	14.0	100	
Cd	111	115	He	1.826	ug/l	20.7	5000	
Sn	118	115	He	17.786	ug/l	4.0	200	
Sb	121	115	He	1.536	ug/l	6.0	200	
Ba	135	159	He	235.024	ug/l	3.0	20000	
Tl	205	209	He	0.461	ug/l	8.6	1000	
[Pb]	206	209	He	649.523	ug/l	0.5		
[Pb]	207	209	He	604.681	ug/l	0.2		
Pb	208	209	He	618.320	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1824013.31	2.1	108.1	60	125	
Sc (ISICPMS)	45	H2	944676.11	1.7	94.4	60	125	
Sc (ISICPMS)	45	He	36743.70	2.8	96.7	60	125	
Ge (IS)	74	H2	178989.65	1.7	101.4	60	125	
Ge (IS)	74	He	22685.38	1.8	100.6	60	125	
Kr	83	He	33.37	34.6	500.0			
In-1	115	He	53545.40	1.5	90.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	334546.48	2.4	93.8	60	125	
Bi (IS)	209	He	290006.67	0.1	91.1	60	125	

Sample Report

File Name 090SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:35:06

Sample Name **460-232641-A-11-B**

Comment ---

Dilution **1.0000**

Vial # 2205

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.989	ug/l	3.3	2000	
B	11	6	No Gas	16.686	ug/l	2.1	500	
Na	23	45	He	989.078	ug/l	1.7	500000	
Mg	24	45	He	1662.926	ug/l	1.4	500000	
Al	27	45	He	60387.514	ug/l	0.9	200000	
K	39	45	He	2213.434	ug/l	2.2	500000	
Ca	40	45	H2	2552.990	ug/l	4.4	500000	
Ti	47	45	He	827.754	ug/l	1.9	5000	
V	51	45	He	145.202	ug/l	2.2	5000	
Cr	52	45	He	86.482	ug/l	1.7	20000	
Mn	55	45	He	144.148	ug/l	1.2	10000	
Fe	56	45	H2	73146.046	ug/l	3.5	500000	
Co	59	45	He	7.001	ug/l	3.0	2000	
Ni	60	45	He	22.911	ug/l	2.8	20000	
Cu	63	45	He	42.142	ug/l	2.8	20000	
Zn	66	45	He	70.208	ug/l	2.1	20000	
As	75	45	He	22.826	ug/l	1.8	5000	
Se	78	45	H2	0.606	ug/l	10.7	2000	
Sr	88	115	He	23.727	ug/l	1.5	5000	
Mo	95	115	He	4.188	ug/l	4.0	2000	
Ag	107	115	He	0.043	ug/l	3.4	100	
Cd	111	115	He	0.444	ug/l	15.1	5000	
Sn	118	115	He	14.041	ug/l	1.7	200	
Sb	121	115	He	0.570	ug/l	7.6	200	
Ba	135	159	He	93.671	ug/l	1.8	20000	
Tl	205	209	He	0.192	ug/l	14.9	1000	
[Pb]	206	209	He	105.603	ug/l	1.1		
[Pb]	207	209	He	101.358	ug/l	1.2		
Pb	208	209	He	102.556	ug/l	0.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1860445.49	0.8	110.2	60	125	
Sc (ISICPMS)	45	H2	1013051.84	4.8	101.2	60	125	
Sc (ISICPMS)	45	He	37469.14	0.7	98.6	60	125	
Ge (IS)	74	H2	187724.44	3.3	106.3	60	125	
Ge (IS)	74	He	23521.13	4.0	104.3	60	125	
Kr	83	He	26.69	78.1	400.0			
In-1	115	He	55154.39	0.6	93.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	344556.72	0.3	96.6	60	125	
Bi (IS)	209	He	302737.05	0.9	95.1	60	125	

Sample Report

File Name 091SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:37:16

Sample Name **460-232641-A-12-B**

Comment ---

Dilution **1.0000**

Vial # 2206

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.056	ug/l	7.1	2000	
B	11	6	No Gas	30.752	ug/l	3.9	500	
Na	23	45	He	1147.162	ug/l	3.5	500000	
Mg	24	45	He	11230.190	ug/l	2.0	500000	
Al	27	45	He	83839.979	ug/l	1.3	200000	
K	39	45	He	2825.446	ug/l	0.6	500000	
Ca	40	45	H2	12261.002	ug/l	3.2	500000	
Ti	47	45	He	1682.393	ug/l	1.4	5000	
V	51	45	He	195.130	ug/l	1.4	5000	
Cr	52	45	He	121.619	ug/l	0.1	20000	
Mn	55	45	He	657.619	ug/l	1.4	10000	
Fe	56	45	H2	120104.310	ug/l	1.8	500000	
Co	59	45	He	27.818	ug/l	0.8	2000	
Ni	60	45	He	59.459	ug/l	2.2	20000	
Cu	63	45	He	177.703	ug/l	2.0	20000	
Zn	66	45	He	560.133	ug/l	1.6	20000	
As	75	45	He	35.847	ug/l	1.1	5000	
Se	78	45	H2	1.716	ug/l	4.2	2000	
Sr	88	115	He	72.536	ug/l	3.4	5000	
Mo	95	115	He	7.507	ug/l	3.4	2000	
Ag	107	115	He	0.173	ug/l	7.7	100	
Cd	111	115	He	2.763	ug/l	12.2	5000	
Sn	118	115	He	18.920	ug/l	5.2	200	
Sb	121	115	He	1.803	ug/l	10.6	200	
Ba	135	159	He	248.109	ug/l	2.6	20000	
Tl	205	209	He	0.471	ug/l	13.0	1000	
[Pb]	206	209	He	2854.842	ug/l	1.1		
[Pb]	207	209	He	2706.321	ug/l	0.9		
Pb	208	209	He	2782.547	ug/l	1.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1970162.16	4.1	116.7	60	125	
Sc (ISICPMS)	45	H2	1072424.18	1.1	107.1	60	125	
Sc (ISICPMS)	45	He	40354.95	1.7	106.2	60	125	
Ge (IS)	74	H2	192973.23	0.7	109.3	60	125	
Ge (IS)	74	He	24748.04	2.6	109.7	60	125	
Kr	83	He	23.36	65.5	350.0			
In-1	115	He	58331.41	1.5	98.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	359070.97	1.2	100.7	60	125	
Bi (IS)	209	He	309168.87	1.0	97.1	60	125	

Continuing Calibration Verification (CCV)

File Name 092_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:39:24

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	93.839	ug/l	5.2	100	90	110	
B	11	6	No Gas	248.513	ug/l	6.4	250	225	275	
Na	23	45	He	26863.377	ug/l	2.6	25000	22500	27500	
Mg	24	45	He	26355.096	ug/l	1.7	25000	22500	27500	
Al	27	45	He	25111.356	ug/l	2.9	25000	22500	27500	
K	39	45	He	25457.118	ug/l	1.1	25000	22500	27500	
Ca	40	45	H2	24210.183	ug/l	3.1	25000	22500	27500	
Ti	47	45	He	101.341	ug/l	6.0	100	90	110	
V	51	45	He	99.275	ug/l	3.4	100	90	110	
Cr	52	45	He	99.500	ug/l	2.3	100	90	110	
Mn	55	45	He	101.370	ug/l	2.2	100	90	110	
Fe	56	45	H2	24579.400	ug/l	1.6	25000	22500	27500	
Co	59	45	He	100.810	ug/l	3.4	100	90	110	
Ni	60	45	He	100.377	ug/l	3.2	100	90	110	
Cu	63	45	He	102.351	ug/l	3.6	100	90	110	
Zn	66	45	He	253.810	ug/l	3.4	250	225	275	
As	75	45	He	100.783	ug/l	1.5	100	90	110	
Se	78	45	H2	95.091	ug/l	3.1	100	90	110	
Sr	88	115	He	94.076	ug/l	3.4	100	90	110	
Mo	95	115	He	100.771	ug/l	0.9	100	90	110	
Ag	107	115	He	50.268	ug/l	1.1	50	45	55	
Cd	111	115	He	101.053	ug/l	4.1	100	90	110	
Sn	118	115	He	100.825	ug/l	1.7	100	90	110	
Sb	121	115	He	99.040	ug/l	0.7	100	90	110	
Ba	135	159	He	97.349	ug/l	4.4	100	90	110	
Tl	205	209	He	98.460	ug/l	1.7	100	90	110	
[Pb]	206	209	He	99.481	ug/l	1.6				
[Pb]	207	209	He	98.856	ug/l	1.3				
Pb	208	209	He	99.492	ug/l	1.1	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1990058.43	3.3	117.9	60	125	
Sc (ISICPMS)	45	H2	1062131.35	4.3	106.1	60	125	
Sc (ISICPMS)	45	He	38276.89	2.0	100.7	60	125	
Ge (IS)	74	H2	184160.75	1.8	104.3	60	125	
Ge (IS)	74	He	23410.79	3.0	103.8	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	57297.40	0.9	96.9	60	125	
Tb (IS)	159	He	350830.61	1.4	98.4	60	125	
Bi (IS)	209	He	308075.38	1.2	96.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 093_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:41:33

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.027	ug/l	22.0	0.8	-0.8	0.8	
B	11	6	No Gas	11.805	ug/l	3.4	40	-40	40	
Na	23	45	He	489.231	ug/l	0.8	500	-500	500	
Mg	24	45	He	9.553	ug/l	24.3	200	-200	200	
Al	27	45	He	1.914	ug/l	102.7	40	-40	40	
K	39	45	He	70.753	ug/l	24.2	200	-200	200	
Ca	40	45	H2	6.444	ug/l	17.1	500	-500	500	
Ti	47	45	He	-0.130	ug/l	N/A	4	-4	4	
V	51	45	He	-0.139	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.359	ug/l	N/A	4	-4	4	
Mn	55	45	He	-0.060	ug/l	N/A	8	-8	8	
Fe	56	45	H2	5.820	ug/l	9.3	60	-60	60	
Co	59	45	He	-0.010	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.069	ug/l	51.7	4	-4	4	
Cu	63	45	He	0.162	ug/l	25.5	4	-4	4	
Zn	66	45	He	0.452	ug/l	62.0	16	-16	16	
As	75	45	He	0.011	ug/l	1263.2	2	-2	2	
Se	78	45	H2	-0.027	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	0.013	ug/l	743.7	4	-4	4	
Mo	95	115	He	0.028	ug/l	132.0	4	-4	4	
Ag	107	115	He	0.009	ug/l	116.6	2	-2	2	
Cd	111	115	He	0.012	ug/l	173.2	2	-2	2	
Sn	118	115	He	0.095	ug/l	75.3	16	-16	16	
Sb	121	115	He	0.024	ug/l	115.7	2	-2	2	
Ba	135	159	He	-0.119	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.059	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.202	ug/l	23.7				
[Pb]	207	209	He	0.155	ug/l	35.4				
Pb	208	209	He	0.162	ug/l	19.4	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1990356.17	3.3	117.9	60	125	
Sc (ISICPMS)	45	H2	1069935.38	2.0	106.9	60	125	
Sc (ISICPMS)	45	He	38393.86	0.7	101.0	60	125	
Ge (IS)	74	H2	179518.04	1.0	101.7	60	125	
Ge (IS)	74	He	22006.90	1.4	97.6	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	58574.13	1.0	99.1	60	125	
Tb (IS)	159	He	350763.10	0.2	98.3	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	314307.18	1.5	98.8	60	125	

Sample Report

File Name 094SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:43:46

Sample Name **460-233096-C-10-A**

Comment ---

Dilution **1.0000**

Vial # 3505

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.030	ug/l	60.7	2000	
B	11	6	No Gas	9.988	ug/l	3.2	500	
Na	23	45	He	414.197	ug/l	8.6	500000	
Mg	24	45	He	6.906	ug/l	4.1	500000	
Al	27	45	He	3.909	ug/l	3.3	200000	
K	39	45	He	47.635	ug/l	30.3	500000	
Ca	40	45	H2	6.945	ug/l	14.5	500000	
Ti	47	45	He	0.247	ug/l	152.1	5000	
V	51	45	He	-0.428	ug/l	N/A	5000	
Cr	52	45	He	-0.699	ug/l	N/A	20000	
Mn	55	45	He	0.009	ug/l	2058.0	10000	
Fe	56	45	H2	4.279	ug/l	14.5	500000	
Co	59	45	He	-0.020	ug/l	N/A	2000	
Ni	60	45	He	0.038	ug/l	630.5	20000	
Cu	63	45	He	0.060	ug/l	84.2	20000	
Zn	66	45	He	5.404	ug/l	5.3	20000	
As	75	45	He	-0.144	ug/l	N/A	5000	
Se	78	45	H2	-0.065	ug/l	N/A	2000	
Sr	88	115	He	0.058	ug/l	58.9	5000	
Mo	95	115	He	0.009	ug/l	86.7	2000	
Ag	107	115	He	-0.010	ug/l	N/A	100	
Cd	111	115	He	0.011	ug/l	173.2	5000	
Sn	118	115	He	-0.154	ug/l	N/A	200	
Sb	121	115	He	0.036	ug/l	124.2	200	
Ba	135	159	He	-0.045	ug/l	N/A	20000	
Tl	205	209	He	-0.083	ug/l	N/A	1000	
[Pb]	206	209	He	0.157	ug/l	25.9		
[Pb]	207	209	He	0.099	ug/l	12.1		
Pb	208	209	He	0.135	ug/l	9.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1950861.36	1.9	115.6	60	125	
Sc (ISICPMS)	45	H2	1062664.33	0.7	106.2	60	125	
Sc (ISICPMS)	45	He	39396.73	1.1	103.6	60	125	
Ge (IS)	74	H2	176569.80	1.2	100.0	60	125	
Ge (IS)	74	He	22645.53	3.1	100.4	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	60551.18	2.1	102.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	365482.46	1.2	102.5	60	125	
Bi (IS)	209	He	322042.09	0.8	101.2	60	125	

Sample Report

File Name 095SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:45:58

Sample Name **460-232612-A-1-A**

Comment ---

Dilution **1.0000**

Vial # 3506

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.028	ug/l	31.4	2000	
B	11	6	No Gas	965.925	ug/l	3.6	500	>LDR 6020B
Na	23	45	He	182701.432	ug/l	1.4	500000	
Mg	24	45	He	13419.933	ug/l	1.8	500000	
Al	27	45	He	1385.646	ug/l	1.7	200000	
K	39	45	He	15625.472	ug/l	1.3	500000	
Ca	40	45	H2	161202.276	ug/l	2.0	500000	
Ti	47	45	He	3.169	ug/l	39.8	5000	
V	51	45	He	2.732	ug/l	3.3	5000	
Cr	52	45	He	1.727	ug/l	9.0	20000	
Mn	55	45	He	104.354	ug/l	4.6	10000	
Fe	56	45	H2	2496.256	ug/l	2.4	500000	
Co	59	45	He	4.108	ug/l	3.0	2000	
Ni	60	45	He	10.610	ug/l	3.7	20000	
Cu	63	45	He	36.539	ug/l	1.4	20000	
Zn	66	45	He	322.728	ug/l	1.3	20000	
As	75	45	He	0.422	ug/l	27.3	5000	
Se	78	45	H2	0.283	ug/l	114.3	2000	
Sr	88	115	He	623.085	ug/l	0.8	5000	
Mo	95	115	He	134.199	ug/l	1.6	2000	
Ag	107	115	He	-0.009	ug/l	N/A	100	
Cd	111	115	He	0.340	ug/l	41.6	5000	
Sn	118	115	He	0.452	ug/l	23.5	200	
Sb	121	115	He	1.065	ug/l	10.7	200	
Ba	135	159	He	81.089	ug/l	3.8	20000	
Tl	205	209	He	-0.063	ug/l	N/A	1000	
[Pb]	206	209	He	2.686	ug/l	5.9		
[Pb]	207	209	He	2.398	ug/l	4.3		
Pb	208	209	He	2.534	ug/l	1.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1894070.34	3.4	112.2	60	125	
Sc (ISICPMS)	45	H2	1024920.12	3.4	102.4	60	125	
Sc (ISICPMS)	45	He	35886.97	0.8	94.4	60	125	
Ge (IS)	74	H2	178258.34	6.4	101.0	60	125	
Ge (IS)	74	He	22461.52	4.6	99.6	60	125	
Kr	83	He	13.35	86.6	200.0			
In-1	115	He	54208.51	1.6	91.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	338097.26	1.7	94.8	60	125	
Bi (IS)	209	He	292196.62	0.6	91.8	60	125	

Sample Report

File Name 096SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:48:08

Sample Name **460-232655-B-1-A**

Comment ---

Dilution **1.0000**

Vial # 3507

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.062	ug/l	16.6	2000	
B	11	6	No Gas	138.950	ug/l	4.0	500	
Na	23	45	He	43305.571	ug/l	3.5	500000	
Mg	24	45	He	27804.464	ug/l	2.1	500000	
Al	27	45	He	167.034	ug/l	7.5	200000	
K	39	45	He	1630.059	ug/l	0.9	500000	
Ca	40	45	H2	38192.781	ug/l	1.7	500000	
Ti	47	45	He	7.978	ug/l	27.2	5000	
V	51	45	He	0.402	ug/l	7.9	5000	
Cr	52	45	He	3.639	ug/l	3.1	20000	
Mn	55	45	He	2400.157	ug/l	1.5	10000	
Fe	56	45	H2	123774.385	ug/l	3.5	500000	
Co	59	45	He	6.047	ug/l	4.5	2000	
Ni	60	45	He	12.391	ug/l	4.2	20000	
Cu	63	45	He	3.591	ug/l	2.3	20000	
Zn	66	45	He	29.207	ug/l	5.0	20000	
As	75	45	He	1.349	ug/l	13.5	5000	
Se	78	45	H2	0.041	ug/l	255.2	2000	
Sr	88	115	He	147.754	ug/l	2.3	5000	
Mo	95	115	He	1.718	ug/l	9.1	2000	
Ag	107	115	He	-0.006	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.486	ug/l	8.0	200	
Sb	121	115	He	0.067	ug/l	67.2	200	
Ba	135	159	He	155.917	ug/l	2.6	20000	
Tl	205	209	He	-0.093	ug/l	N/A	1000	
[Pb]	206	209	He	0.387	ug/l	15.3		
[Pb]	207	209	He	0.391	ug/l	16.5		
Pb	208	209	He	0.406	ug/l	2.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1870499.99	3.0	110.8	60	125	
Sc (ISICPMS)	45	H2	993286.01	3.2	99.2	60	125	
Sc (ISICPMS)	45	He	36370.78	1.2	95.7	60	125	
Ge (IS)	74	H2	181517.32	1.5	102.8	60	125	
Ge (IS)	74	He	22505.05	2.0	99.8	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	54926.40	0.7	92.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	344607.49	0.7	96.6	60	125	
Bi (IS)	209	He	300003.01	1.6	94.3	60	125	

Sample Report

File Name 097SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:50:18

Sample Name **460-232655-B-2-A**

Comment ---

Dilution **1.0000**

Vial # 3508

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.010	ug/l	207.6	2000	
B	11	6	No Gas	34.805	ug/l	1.6	500	
Na	23	45	He	4884.956	ug/l	2.8	500000	
Mg	24	45	He	1013.357	ug/l	3.7	500000	
Al	27	45	He	457.475	ug/l	1.4	200000	
K	39	45	He	2563.427	ug/l	2.5	500000	
Ca	40	45	H2	29923.160	ug/l	2.6	500000	
Ti	47	45	He	11.706	ug/l	7.1	5000	
V	51	45	He	5.574	ug/l	2.4	5000	
Cr	52	45	He	1.995	ug/l	22.8	20000	
Mn	55	45	He	71.293	ug/l	2.9	10000	
Fe	56	45	H2	1394.605	ug/l	3.8	500000	
Co	59	45	He	0.599	ug/l	7.1	2000	
Ni	60	45	He	4.410	ug/l	3.2	20000	
Cu	63	45	He	10.772	ug/l	2.3	20000	
Zn	66	45	He	38.141	ug/l	0.3	20000	
As	75	45	He	0.167	ug/l	29.5	5000	
Se	78	45	H2	0.093	ug/l	62.2	2000	
Sr	88	115	He	330.175	ug/l	3.6	5000	
Mo	95	115	He	0.884	ug/l	8.1	2000	
Ag	107	115	He	-0.007	ug/l	N/A	100	
Cd	111	115	He	0.271	ug/l	33.3	5000	
Sn	118	115	He	4.633	ug/l	8.1	200	
Sb	121	115	He	0.288	ug/l	15.2	200	
Ba	135	159	He	46.793	ug/l	5.7	20000	
Tl	205	209	He	-0.087	ug/l	N/A	1000	
[Pb]	206	209	He	7.566	ug/l	3.5		
[Pb]	207	209	He	7.388	ug/l	2.0		
Pb	208	209	He	7.397	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1884701.74	1.6	111.7	60	125	
Sc (ISICPMS)	45	H2	1029205.24	4.1	102.8	60	125	
Sc (ISICPMS)	45	He	35816.93	1.9	94.2	60	125	
Ge (IS)	74	H2	173095.09	3.2	98.1	60	125	
Ge (IS)	74	He	21883.38	1.2	97.0	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	55144.95	1.2	93.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	339300.29	0.6	95.1	60	125	
Bi (IS)	209	He	309444.56	1.9	97.2	60	125	

Sample Report

File Name 098SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:52:29

Sample Name **460-232655-B-3-A**

Comment ---

Dilution **1.0000**

Vial # 3509

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.197	ug/l	18.7	2000	
B	11	6	No Gas	290.844	ug/l	4.2	500	
Na	23	45	He	34083.297	ug/l	2.2	500000	
Mg	24	45	He	8842.250	ug/l	1.3	500000	
Al	27	45	He	39.882	ug/l	8.8	200000	
K	39	45	He	1519.306	ug/l	2.3	500000	
Ca	40	45	H2	12278.378	ug/l	1.2	500000	
Ti	47	45	He	1.282	ug/l	69.0	5000	
V	51	45	He	-0.509	ug/l	N/A	5000	
Cr	52	45	He	-0.124	ug/l	N/A	20000	
Mn	55	45	He	25.470	ug/l	6.6	10000	
Fe	56	45	H2	97.874	ug/l	4.2	500000	
Co	59	45	He	0.025	ug/l	30.8	2000	
Ni	60	45	He	6.974	ug/l	3.3	20000	
Cu	63	45	He	1.378	ug/l	5.6	20000	
Zn	66	45	He	6.125	ug/l	9.8	20000	
As	75	45	He	0.113	ug/l	132.7	5000	
Se	78	45	H2	0.045	ug/l	143.3	2000	
Sr	88	115	He	58.607	ug/l	4.3	5000	
Mo	95	115	He	0.067	ug/l	80.9	2000	
Ag	107	115	He	0.000	ug/l	6776.3	100	
Cd	111	115	He	0.025	ug/l	86.6	5000	
Sn	118	115	He	0.462	ug/l	23.4	200	
Sb	121	115	He	0.063	ug/l	71.5	200	
Ba	135	159	He	93.516	ug/l	1.6	20000	
Tl	205	209	He	-0.089	ug/l	N/A	1000	
[Pb]	206	209	He	0.556	ug/l	10.9		
[Pb]	207	209	He	0.502	ug/l	4.1		
Pb	208	209	He	0.572	ug/l	3.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1875200.21	3.6	111.1	60	125	
Sc (ISICPMS)	45	H2	974507.00	1.8	97.4	60	125	
Sc (ISICPMS)	45	He	35008.10	1.0	92.1	60	125	
Ge (IS)	74	H2	177298.41	0.4	100.4	60	125	
Ge (IS)	74	He	21605.94	6.4	95.8	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	53909.25	0.3	91.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	336232.68	1.0	94.3	60	125	
Bi (IS)	209	He	297462.45	1.5	93.5	60	125	

Sample Report

File Name 099SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:54:39

Sample Name **460-232641-A-13-B**

Comment ---

Dilution **1.0000**

Vial # 2207

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.866	ug/l	4.8	2000	
B	11	6	No Gas	38.449	ug/l	3.6	500	
Na	23	45	He	677.392	ug/l	4.2	500000	
Mg	24	45	He	13779.050	ug/l	1.3	500000	
Al	27	45	He	67711.682	ug/l	0.9	200000	
K	39	45	He	2509.703	ug/l	1.1	500000	
Ca	40	45	H2	18337.302	ug/l	0.8	500000	
Ti	47	45	He	1338.895	ug/l	2.6	5000	
V	51	45	He	185.584	ug/l	0.4	5000	
Cr	52	45	He	123.205	ug/l	1.9	20000	
Mn	55	45	He	754.353	ug/l	1.0	10000	
Fe	56	45	H2	113514.830	ug/l	1.4	500000	
Co	59	45	He	23.453	ug/l	2.7	2000	
Ni	60	45	He	100.985	ug/l	1.9	20000	
Cu	63	45	He	203.369	ug/l	0.4	20000	
Zn	66	45	He	1110.411	ug/l	1.1	20000	
As	75	45	He	41.707	ug/l	3.7	5000	
Se	78	45	H2	2.054	ug/l	18.0	2000	
Sr	88	115	He	60.548	ug/l	1.0	5000	
Mo	95	115	He	8.006	ug/l	2.9	2000	
Ag	107	115	He	0.274	ug/l	12.2	100	
Cd	111	115	He	6.125	ug/l	7.3	5000	
Sn	118	115	He	21.604	ug/l	3.1	200	
Sb	121	115	He	2.216	ug/l	1.8	200	
Ba	135	159	He	359.368	ug/l	1.3	20000	
Tl	205	209	He	0.441	ug/l	4.3	1000	
[Pb]	206	209	He	4883.050	ug/l	0.6		
[Pb]	207	209	He	4624.319	ug/l	1.0		
Pb	208	209	He	4704.876	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1871515.55	1.7	110.9	60	125	
Sc (ISICPMS)	45	H2	1050453.98	2.8	104.9	60	125	
Sc (ISICPMS)	45	He	38970.06	1.1	102.5	60	125	
Ge (IS)	74	H2	188986.02	1.0	107.1	60	125	
Ge (IS)	74	He	24406.93	2.0	108.2	60	125	
Kr	83	He	20.02	86.6	300.0			
In-1	115	He	57594.99	0.7	97.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	355519.14	0.6	99.7	60	125	
Bi (IS)	209	He	306477.78	0.4	96.3	60	125	

Sample Report

File Name 100SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:56:47

Sample Name **460-232641-A-14-B**

Comment ---

Dilution **1.0000**

Vial # 2208

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.180	ug/l	4.3	2000	
B	11	6	No Gas	32.195	ug/l	1.5	500	
Na	23	45	He	618.400	ug/l	6.2	500000	
Mg	24	45	He	13426.628	ug/l	2.7	500000	
Al	27	45	He	83771.577	ug/l	2.6	200000	
K	39	45	He	3406.570	ug/l	2.6	500000	
Ca	40	45	H2	21017.508	ug/l	2.7	500000	
Ti	47	45	He	1605.300	ug/l	3.1	5000	
V	51	45	He	202.536	ug/l	3.4	5000	
Cr	52	45	He	122.507	ug/l	2.2	20000	
Mn	55	45	He	828.270	ug/l	2.9	10000	
Fe	56	45	H2	132142.757	ug/l	0.5	500000	
Co	59	45	He	27.672	ug/l	2.4	2000	
Ni	60	45	He	71.074	ug/l	3.0	20000	
Cu	63	45	He	390.717	ug/l	3.0	20000	
Zn	66	45	He	827.000	ug/l	1.7	20000	
As	75	45	He	41.744	ug/l	4.0	5000	
Se	78	45	H2	1.706	ug/l	3.2	2000	
Sr	88	115	He	98.490	ug/l	2.6	5000	
Mo	95	115	He	9.859	ug/l	2.2	2000	
Ag	107	115	He	0.262	ug/l	9.6	100	
Cd	111	115	He	4.874	ug/l	6.0	5000	
Sn	118	115	He	20.499	ug/l	3.4	200	
Sb	121	115	He	1.968	ug/l	3.0	200	
Ba	135	159	He	334.691	ug/l	2.9	20000	
Tl	205	209	He	0.431	ug/l	5.3	1000	
[Pb]	206	209	He	4377.080	ug/l	1.4		
[Pb]	207	209	He	4057.888	ug/l	2.2		
Pb	208	209	He	4121.231	ug/l	1.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1940216.71	2.2	115.0	60	125	
Sc (ISICPMS)	45	H2	1121378.77	2.0	112.0	60	125	
Sc (ISICPMS)	45	He	41296.66	2.7	108.6	60	125	
Ge (IS)	74	H2	200743.64	1.3	113.7	60	125	
Ge (IS)	74	He	25657.07	1.5	113.8	60	125	
Kr	83	He	23.36	65.5	350.0			
In-1	115	He	59388.25	0.4	100.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	364166.02	1.0	102.1	60	125	
Bi (IS)	209	He	316338.41	0.7	99.4	60	125	

Sample Report

File Name 101SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 11:58:55

Sample Name **460-232641-A-15-D**

Comment ---

Dilution **1.0000**

Vial # 2209

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	1.859	ug/l	4.2	2000	
B	11	6	No Gas	14.404	ug/l	2.6	500	
Na	23	45	He	356.197	ug/l	9.2	500000	
Mg	24	45	He	2260.839	ug/l	3.1	500000	
Al	27	45	He	73258.266	ug/l	2.4	200000	
K	39	45	He	1615.293	ug/l	4.0	500000	
Ca	40	45	H2	2951.821	ug/l	1.7	500000	
Ti	47	45	He	1145.848	ug/l	2.9	5000	
V	51	45	He	150.307	ug/l	2.5	5000	
Cr	52	45	He	92.701	ug/l	3.8	20000	
Mn	55	45	He	198.052	ug/l	3.0	10000	
Fe	56	45	H2	133750.907	ug/l	3.5	500000	
Co	59	45	He	11.462	ug/l	2.1	2000	
Ni	60	45	He	30.358	ug/l	3.3	20000	
Cu	63	45	He	57.682	ug/l	4.4	20000	
Zn	66	45	He	149.274	ug/l	2.2	20000	
As	75	45	He	34.294	ug/l	2.7	5000	
Se	78	45	H2	0.937	ug/l	20.6	2000	
Sr	88	115	He	20.601	ug/l	3.0	5000	
Mo	95	115	He	5.448	ug/l	6.6	2000	
Ag	107	115	He	0.057	ug/l	36.7	100	
Cd	111	115	He	0.712	ug/l	15.6	5000	
Sn	118	115	He	13.290	ug/l	5.8	200	
Sb	121	115	He	0.964	ug/l	6.0	200	
Ba	135	159	He	191.957	ug/l	2.2	20000	
Tl	205	209	He	0.321	ug/l	5.6	1000	
[Pb]	206	209	He	350.763	ug/l	1.1		
[Pb]	207	209	He	330.461	ug/l	1.8		
Pb	208	209	He	338.969	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2022093.48	2.9	119.8	60	125	
Sc (ISICPMS)	45	H2	1143442.48	1.9	114.2	60	125	
Sc (ISICPMS)	45	He	42168.40	3.3	110.9	60	125	
Ge (IS)	74	H2	201247.36	1.6	114.0	60	125	
Ge (IS)	74	He	25917.91	1.4	114.9	60	125	
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	61154.54	1.6	103.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	366848.73	0.8	102.9	60	125	
Bi (IS)	209	He	320123.75	0.6	100.6	60	125	

Sample Report

File Name 102SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:01:05

Sample Name **460-232641-A-16-B**

Comment ---

Dilution **1.0000**

Vial # 2210

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.126	ug/l	4.5	2000	
B	11	6	No Gas	15.233	ug/l	2.1	500	
Na	23	45	He	284.079	ug/l	7.4	500000	
Mg	24	45	He	3252.071	ug/l	1.6	500000	
Al	27	45	He	82106.761	ug/l	1.3	200000	
K	39	45	He	2418.655	ug/l	1.6	500000	
Ca	40	45	H2	3276.642	ug/l	1.0	500000	
Ti	47	45	He	1361.014	ug/l	2.0	5000	
V	51	45	He	164.591	ug/l	1.6	5000	
Cr	52	45	He	103.749	ug/l	1.3	20000	
Mn	55	45	He	399.512	ug/l	1.7	10000	
Fe	56	45	H2	116982.053	ug/l	1.1	500000	
Co	59	45	He	14.057	ug/l	3.2	2000	
Ni	60	45	He	29.917	ug/l	4.6	20000	
Cu	63	45	He	56.792	ug/l	2.4	20000	
Zn	66	45	He	137.927	ug/l	2.8	20000	
As	75	45	He	36.402	ug/l	1.2	5000	
Se	78	45	H2	1.944	ug/l	15.7	2000	
Sr	88	115	He	22.588	ug/l	1.9	5000	
Mo	95	115	He	5.652	ug/l	3.9	2000	
Ag	107	115	He	0.076	ug/l	34.9	100	
Cd	111	115	He	0.519	ug/l	12.6	5000	
Sn	118	115	He	14.934	ug/l	4.7	200	
Sb	121	115	He	0.999	ug/l	5.3	200	
Ba	135	159	He	200.960	ug/l	4.5	20000	
Tl	205	209	He	0.490	ug/l	7.3	1000	
[Pb]	206	209	He	464.641	ug/l	1.1		
[Pb]	207	209	He	436.250	ug/l	1.0		
Pb	208	209	He	447.985	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2038592.17	1.0	120.8	60	125	
Sc (ISICPMS)	45	H2	1146778.25	3.0	114.6	60	125	
Sc (ISICPMS)	45	He	42878.34	0.5	112.8	60	125	
Ge (IS)	74	H2	203389.88	0.6	115.2	60	125	
Ge (IS)	74	He	25633.77	0.3	113.7	60	125	
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	60309.69	2.6	102.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	378299.80	2.0	106.1	60	125	
Bi (IS)	209	He	321921.18	1.0	101.1	60	125	

Continuing Calibration Verification (CCV)

File Name 103_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:03:16

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	95.845	ug/l	6.8	100	90	110	
B	11	6	No Gas	252.216	ug/l	4.5	250	225	275	
Na	23	45	He	26164.964	ug/l	0.7	25000	22500	27500	
Mg	24	45	He	26123.466	ug/l	0.6	25000	22500	27500	
Al	27	45	He	25166.939	ug/l	1.7	25000	22500	27500	
K	39	45	He	25102.458	ug/l	0.6	25000	22500	27500	
Ca	40	45	H2	24910.654	ug/l	2.0	25000	22500	27500	
Ti	47	45	He	104.044	ug/l	7.5	100	90	110	
V	51	45	He	99.363	ug/l	2.0	100	90	110	
Cr	52	45	He	99.505	ug/l	2.7	100	90	110	
Mn	55	45	He	101.874	ug/l	2.4	100	90	110	
Fe	56	45	H2	25304.940	ug/l	1.7	25000	22500	27500	
Co	59	45	He	100.291	ug/l	2.4	100	90	110	
Ni	60	45	He	100.067	ug/l	1.6	100	90	110	
Cu	63	45	He	101.367	ug/l	2.4	100	90	110	
Zn	66	45	He	253.785	ug/l	1.4	250	225	275	
As	75	45	He	101.469	ug/l	1.9	100	90	110	
Se	78	45	H2	98.514	ug/l	5.0	100	90	110	
Sr	88	115	He	97.261	ug/l	5.5	100	90	110	
Mo	95	115	He	98.741	ug/l	3.7	100	90	110	
Ag	107	115	He	49.200	ug/l	2.2	50	45	55	
Cd	111	115	He	99.797	ug/l	3.8	100	90	110	
Sn	118	115	He	99.885	ug/l	1.2	100	90	110	
Sb	121	115	He	98.217	ug/l	1.3	100	90	110	
Ba	135	159	He	98.358	ug/l	5.5	100	90	110	
Tl	205	209	He	98.303	ug/l	1.3	100	90	110	
[Pb]	206	209	He	100.789	ug/l	1.0				
[Pb]	207	209	He	99.504	ug/l	1.9				
Pb	208	209	He	99.190	ug/l	0.8	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2045562.76	5.5	121.2	60	125	
Sc (ISICPMS)	45	H2	1094056.90	2.6	109.3	60	125	
Sc (ISICPMS)	45	He	39964.93	1.7	105.1	60	125	
Ge (IS)	74	H2	195315.34	3.9	110.6	60	125	
Ge (IS)	74	He	24045.85	2.0	106.6	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	16.68	34.6	250.0			
In-1	115	He	60400.52	1.5	102.2	60	125	
Tb (IS)	159	He	365058.91	0.8	102.4	60	125	
Bi (IS)	209	He	319301.34	1.6	100.3	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 104_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:05:25

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.016	ug/l	136.6	0.8	-0.8	0.8	
B	11	6	No Gas	9.971	ug/l	5.9	40	-40	40	
Na	23	45	He	203.478	ug/l	8.2	500	-500	500	
Mg	24	45	He	3.177	ug/l	40.0	200	-200	200	
Al	27	45	He	2.750	ug/l	56.0	40	-40	40	
K	39	45	He	17.736	ug/l	108.1	200	-200	200	
Ca	40	45	H2	3.029	ug/l	17.8	500	-500	500	
Ti	47	45	He	-0.130	ug/l	N/A	4	-4	4	
V	51	45	He	-0.284	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.510	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.066	ug/l	258.4	8	-8	8	
Fe	56	45	H2	6.121	ug/l	6.2	60	-60	60	
Co	59	45	He	0.001	ug/l	1646.7	4	-4	4	
Ni	60	45	He	-0.035	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.140	ug/l	34.8	4	-4	4	
Zn	66	45	He	0.677	ug/l	17.7	16	-16	16	
As	75	45	He	-0.122	ug/l	N/A	2	-2	2	
Se	78	45	H2	-0.050	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	0.020	ug/l	11.4	4	-4	4	
Mo	95	115	He	0.023	ug/l	33.2	4	-4	4	
Ag	107	115	He	0.011	ug/l	179.6	2	-2	2	
Cd	111	115	He	0.022	ug/l	86.7	2	-2	2	
Sn	118	115	He	0.177	ug/l	71.0	16	-16	16	
Sb	121	115	He	0.026	ug/l	21.3	2	-2	2	
Ba	135	159	He	-0.201	ug/l	0.0	4	-4	4	
Tl	205	209	He	-0.068	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.224	ug/l	13.2				
[Pb]	207	209	He	0.186	ug/l	16.1				
Pb	208	209	He	0.247	ug/l	3.0	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2066400.16	2.9	122.4	60	125	
Sc (ISICPMS)	45	H2	1109466.89	0.8	110.8	60	125	
Sc (ISICPMS)	45	He	40678.29	1.6	107.0	60	125	
Ge (IS)	74	H2	186269.04	2.9	105.5	60	125	
Ge (IS)	74	He	23427.60	2.1	103.9	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	61554.91	2.1	104.1	60	125	
Tb (IS)	159	He	369289.68	0.7	103.5	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	326381.95	0.4	102.6	60	125	

Sample Report

File Name 105SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:07:37

Sample Name **460-232655-B-4-A**

Comment ---

Dilution **1.0000**

Vial # 3510

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.026	ug/l	80.9	2000	
B	11	6	No Gas	258.150	ug/l	0.4	500	
Na	23	45	He	34632.586	ug/l	0.4	500000	
Mg	24	45	He	11490.205	ug/l	1.9	500000	
Al	27	45	He	110.721	ug/l	11.1	200000	
K	39	45	He	3072.241	ug/l	1.3	500000	
Ca	40	45	H2	27429.746	ug/l	2.4	500000	
Ti	47	45	He	3.243	ug/l	43.9	5000	
V	51	45	He	0.356	ug/l	52.9	5000	
Cr	52	45	He	-0.168	ug/l	N/A	20000	
Mn	55	45	He	1020.954	ug/l	2.3	10000	
Fe	56	45	H2	587.615	ug/l	1.5	500000	
Co	59	45	He	0.657	ug/l	9.2	2000	
Ni	60	45	He	9.454	ug/l	2.8	20000	
Cu	63	45	He	3.252	ug/l	1.0	20000	
Zn	66	45	He	13.750	ug/l	2.4	20000	
As	75	45	He	0.859	ug/l	13.7	5000	
Se	78	45	H2	0.189	ug/l	126.6	2000	
Sr	88	115	He	203.513	ug/l	0.3	5000	
Mo	95	115	He	4.681	ug/l	3.2	2000	
Ag	107	115	He	0.002	ug/l	379.7	100	
Cd	111	115	He	0.093	ug/l	86.6	5000	
Sn	118	115	He	1.544	ug/l	8.6	200	
Sb	121	115	He	0.168	ug/l	22.6	200	
Ba	135	159	He	75.166	ug/l	5.1	20000	
Tl	205	209	He	-0.082	ug/l	N/A	1000	
[Pb]	206	209	He	0.939	ug/l	3.4		
[Pb]	207	209	He	0.943	ug/l	5.2		
Pb	208	209	He	0.912	ug/l	5.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1952477.75	2.3	115.7	60	125	
Sc (ISICPMS)	45	H2	1088566.97	1.6	108.7	60	125	
Sc (ISICPMS)	45	He	38131.25	2.0	100.3	60	125	
Ge (IS)	74	H2	192916.29	0.6	109.3	60	125	
Ge (IS)	74	He	24102.67	0.7	106.9	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	58202.41	1.0	98.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	356705.49	0.5	100.0	60	125	
Bi (IS)	209	He	315963.26	0.6	99.3	60	125	

Sample Report

File Name 106SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:09:47

Sample Name **460-232655-B-5-A**

Comment ---

Dilution **1.0000**

Vial # 3511

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.114	ug/l	29.9	2000	
B	11	6	No Gas	161.755	ug/l	1.0	500	
Na	23	45	He	14787.578	ug/l	1.6	500000	
Mg	24	45	He	5955.343	ug/l	3.1	500000	
Al	27	45	He	528.257	ug/l	6.9	200000	
K	39	45	He	1394.691	ug/l	5.9	500000	
Ca	40	45	H2	11631.478	ug/l	0.3	500000	
Ti	47	45	He	6.287	ug/l	27.9	5000	
V	51	45	He	1.627	ug/l	17.8	5000	
Cr	52	45	He	0.229	ug/l	91.7	20000	
Mn	55	45	He	552.254	ug/l	1.4	10000	
Fe	56	45	H2	491.926	ug/l	1.8	500000	
Co	59	45	He	0.644	ug/l	4.5	2000	
Ni	60	45	He	4.061	ug/l	4.8	20000	
Cu	63	45	He	3.272	ug/l	0.8	20000	
Zn	66	45	He	6.795	ug/l	15.2	20000	
As	75	45	He	0.324	ug/l	30.0	5000	
Se	78	45	H2	0.051	ug/l	129.1	2000	
Sr	88	115	He	40.921	ug/l	2.4	5000	
Mo	95	115	He	0.086	ug/l	29.7	2000	
Ag	107	115	He	0.008	ug/l	197.7	100	
Cd	111	115	He	0.070	ug/l	50.6	5000	
Sn	118	115	He	1.561	ug/l	9.9	200	
Sb	121	115	He	0.179	ug/l	31.9	200	
Ba	135	159	He	81.919	ug/l	3.2	20000	
Tl	205	209	He	-0.086	ug/l	N/A	1000	
[Pb]	206	209	He	1.498	ug/l	5.6		
[Pb]	207	209	He	1.304	ug/l	1.0		
Pb	208	209	He	1.398	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1999182.47	3.6	118.4	60	125	
Sc (ISICPMS)	45	H2	1043919.88	1.7	104.3	60	125	
Sc (ISICPMS)	45	He	37777.89	3.2	99.4	60	125	
Ge (IS)	74	H2	187746.70	2.6	106.4	60	125	
Ge (IS)	74	He	23166.82	1.3	102.7	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	58184.70	1.1	98.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	353336.14	0.5	99.1	60	125	
Bi (IS)	209	He	314123.56	0.9	98.7	60	125	

Sample Report

File Name 107SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:11:59

Sample Name **460-232857-F-1-B**

Comment ---

Dilution **1.0000**

Vial # 3512

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.009	ug/l	97.4	2000	
B	11	6	No Gas	259.940	ug/l	3.4	500	
Na	23	45	He	73527.263	ug/l	2.6	500000	
Mg	24	45	He	2128.648	ug/l	1.2	500000	
Al	27	45	He	37.988	ug/l	8.7	200000	
K	39	45	He	3955.007	ug/l	1.0	500000	
Ca	40	45	H2	11760.990	ug/l	3.3	500000	
Ti	47	45	He	1.686	ug/l	53.5	5000	
V	51	45	He	18.876	ug/l	1.2	5000	
Cr	52	45	He	148.239	ug/l	1.0	20000	
Mn	55	45	He	58.526	ug/l	1.7	10000	
Fe	56	45	H2	1206.077	ug/l	1.8	500000	
Co	59	45	He	6.350	ug/l	2.7	2000	
Ni	60	45	He	331.595	ug/l	0.3	20000	
Cu	63	45	He	3.686	ug/l	3.8	20000	
Zn	66	45	He	13.526	ug/l	5.7	20000	
As	75	45	He	0.289	ug/l	46.3	5000	
Se	78	45	H2	3.738	ug/l	15.2	2000	
Sr	88	115	He	59.850	ug/l	2.6	5000	
Mo	95	115	He	4.308	ug/l	4.5	2000	
Ag	107	115	He	-0.004	ug/l	N/A	100	
Cd	111	115	He	0.012	ug/l	173.2	5000	
Sn	118	115	He	0.054	ug/l	484.9	200	
Sb	121	115	He	0.217	ug/l	1.7	200	
Ba	135	159	He	45.179	ug/l	3.2	20000	
Tl	205	209	He	-0.023	ug/l	N/A	1000	
[Pb]	206	209	He	0.621	ug/l	9.4		
[Pb]	207	209	He	0.686	ug/l	17.0		
Pb	208	209	He	0.634	ug/l	1.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1924552.78	1.8	114.0	60	125	
Sc (ISICPMS)	45	H2	985195.13	0.5	98.4	60	125	
Sc (ISICPMS)	45	He	38008.61	1.3	100.0	60	125	
Ge (IS)	74	H2	187216.60	2.2	106.1	60	125	
Ge (IS)	74	He	23343.95	4.4	103.5	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	58075.67	0.5	98.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	351076.77	1.2	98.4	60	125	
Bi (IS)	209	He	313370.12	0.2	98.5	60	125	

Sample Report

File Name 108SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:14:08

Sample Name **460-232857-F-2-B**

Comment ---

Dilution **1.0000**

Vial # 3311

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.029	ug/l	42.7	2000	
B	11	6	No Gas	484.098	ug/l	2.7	500	
Na	23	45	He	144021.574	ug/l	3.6	500000	
Mg	24	45	He	1492.368	ug/l	3.2	500000	
Al	27	45	He	49.379	ug/l	8.8	200000	
K	39	45	He	3242.460	ug/l	2.9	500000	
Ca	40	45	H2	7918.467	ug/l	1.9	500000	
Ti	47	45	He	0.761	ug/l	77.4	5000	
V	51	45	He	2.380	ug/l	2.5	5000	
Cr	52	45	He	1.250	ug/l	14.9	20000	
Mn	55	45	He	74.631	ug/l	0.8	10000	
Fe	56	45	H2	20379.981	ug/l	1.1	500000	
Co	59	45	He	0.408	ug/l	14.0	2000	
Ni	60	45	He	1.138	ug/l	19.4	20000	
Cu	63	45	He	8.023	ug/l	3.0	20000	
Zn	66	45	He	28.155	ug/l	3.4	20000	
As	75	45	He	8.089	ug/l	3.7	5000	
Se	78	45	H2	0.056	ug/l	231.9	2000	
Sr	88	115	He	55.905	ug/l	3.3	5000	
Mo	95	115	He	0.915	ug/l	13.3	2000	
Ag	107	115	He	-0.005	ug/l	N/A	100	
Cd	111	115	He	0.012	ug/l	173.2	5000	
Sn	118	115	He	0.176	ug/l	102.6	200	
Sb	121	115	He	0.092	ug/l	24.1	200	
Ba	135	159	He	98.248	ug/l	6.6	20000	
Tl	205	209	He	-0.059	ug/l	N/A	1000	
[Pb]	206	209	He	1.284	ug/l	4.9		
[Pb]	207	209	He	1.129	ug/l	7.6		
Pb	208	209	He	1.197	ug/l	2.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1857531.79	2.8	110.1	60	125	
Sc (ISICPMS)	45	H2	1005218.68	2.8	100.4	60	125	
Sc (ISICPMS)	45	He	38731.73	1.6	101.9	60	125	
Ge (IS)	74	H2	188724.07	2.3	106.9	60	125	
Ge (IS)	74	He	23103.27	3.5	102.4	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	57098.27	1.1	96.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	355151.54	2.2	99.6	60	125	
Bi (IS)	209	He	311009.07	0.3	97.7	60	125	

Sample Report

File Name 109SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:16:17

Sample Name **460-232857-F-3-B**

Comment ---

Dilution **1.0000**

Vial # 3312

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.038	ug/l	39.8	2000	
B	11	6	No Gas	199.632	ug/l	1.7	500	
Na	23	45	He	33006.632	ug/l	1.6	500000	
Mg	24	45	He	13447.718	ug/l	0.3	500000	
Al	27	45	He	30.475	ug/l	7.1	200000	
K	39	45	He	3738.667	ug/l	1.8	500000	
Ca	40	45	H2	67833.865	ug/l	1.1	500000	
Ti	47	45	He	0.139	ug/l	167.4	5000	
V	51	45	He	-0.220	ug/l	N/A	5000	
Cr	52	45	He	0.457	ug/l	63.4	20000	
Mn	55	45	He	344.692	ug/l	1.0	10000	
Fe	56	45	H2	6239.504	ug/l	4.3	500000	
Co	59	45	He	0.147	ug/l	11.1	2000	
Ni	60	45	He	1.292	ug/l	14.8	20000	
Cu	63	45	He	0.245	ug/l	26.3	20000	
Zn	66	45	He	2.145	ug/l	6.2	20000	
As	75	45	He	4.958	ug/l	7.9	5000	
Se	78	45	H2	0.257	ug/l	52.8	2000	
Sr	88	115	He	359.865	ug/l	1.7	5000	
Mo	95	115	He	0.392	ug/l	10.1	2000	
Ag	107	115	He	-0.016	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.231	ug/l	16.3	200	
Sb	121	115	He	0.091	ug/l	46.0	200	
Ba	135	159	He	111.354	ug/l	6.3	20000	
Tl	205	209	He	-0.092	ug/l	N/A	1000	
[Pb]	206	209	He	0.194	ug/l	23.5		
[Pb]	207	209	He	0.111	ug/l	61.4		
Pb	208	209	He	0.162	ug/l	13.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1909479.05	1.0	113.1	60	125	
Sc (ISICPMS)	45	H2	1040640.21	4.9	104.0	60	125	
Sc (ISICPMS)	45	He	36403.14	1.5	95.8	60	125	
Ge (IS)	74	H2	178959.11	4.3	101.4	60	125	
Ge (IS)	74	He	22702.21	1.9	100.7	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	55386.74	1.7	93.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	342260.07	0.7	96.0	60	125	
Bi (IS)	209	He	305461.56	1.3	96.0	60	125	

Sample Report

File Name 110SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:18:27

Sample Name **460-232654-A-1-G@3**

Comment ---

Dilution **1.0000**

Vial # 2211

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.794	ug/l	1.9	2000	
B	11	6	No Gas	30.104	ug/l	0.7	500	
Na	23	45	He	3897.926	ug/l	2.5	500000	
Mg	24	45	He	11671.709	ug/l	2.7	500000	
Al	27	45	He	16089.571	ug/l	1.9	200000	
K	39	45	He	1397.471	ug/l	5.5	500000	
Ca	40	45	H2	26728.238	ug/l	4.0	500000	
Ti	47	45	He	668.754	ug/l	1.6	5000	
V	51	45	He	95.060	ug/l	2.2	5000	
Cr	52	45	He	179.119	ug/l	3.5	20000	
Mn	55	45	He	1756.541	ug/l	1.7	10000	
Fe	56	45	H2	70144.122	ug/l	0.3	500000	
Co	59	45	He	10.670	ug/l	3.9	2000	
Ni	60	45	He	60.914	ug/l	0.1	20000	
Cu	63	45	He	104.342	ug/l	0.4	20000	
Zn	66	45	He	715.604	ug/l	1.4	20000	
As	75	45	He	21.524	ug/l	2.8	5000	
Se	78	45	H2	3.278	ug/l	6.6	2000	
Sr	88	115	He	62.901	ug/l	2.3	5000	
Mo	95	115	He	8.739	ug/l	2.6	2000	
Ag	107	115	He	0.642	ug/l	3.0	100	
Cd	111	115	He	1.297	ug/l	29.0	5000	
Sn	118	115	He	12.967	ug/l	6.0	200	
Sb	121	115	He	1.620	ug/l	2.1	200	
Ba	135	159	He	252.991	ug/l	1.5	20000	
Tl	205	209	He	0.102	ug/l	11.1	1000	
[Pb]	206	209	He	139.895	ug/l	2.5		
[Pb]	207	209	He	130.584	ug/l	1.7		
Pb	208	209	He	133.150	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1842649.45	1.3	109.2	60	125	
Sc (ISICPMS)	45	H2	974288.55	4.7	97.3	60	125	
Sc (ISICPMS)	45	He	37070.23	1.5	97.5	60	125	
Ge (IS)	74	H2	188560.35	2.7	106.8	60	125	
Ge (IS)	74	He	23457.56	3.4	104.0	60	125	
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	56187.37	1.2	95.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	347503.95	0.7	97.4	60	125	
Bi (IS)	209	He	309975.44	0.6	97.4	60	125	

Sample Report

File Name 111SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:20:37

Sample Name **460-232654-A-2-G**

Comment ---

Dilution **1.0000**

Vial # 2212

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.228	ug/l	0.9	2000	
B	11	6	No Gas	94.979	ug/l	3.3	500	
Na	23	45	He	55240.068	ug/l	2.3	500000	
Mg	24	45	He	66373.324	ug/l	1.0	500000	
Al	27	45	He	87108.809	ug/l	1.3	200000	
K	39	45	He	6617.031	ug/l	0.4	500000	
Ca	40	45	H2	269750.745	ug/l	1.9	500000	
Ti	47	45	He	3019.486	ug/l	1.8	5000	
V	51	45	He	472.698	ug/l	0.7	5000	
Cr	52	45	He	1453.768	ug/l	2.4	20000	
Mn	55	45	He	18115.681	ug/l	1.3	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	201424.472	ug/l	1.6	500000	
Co	59	45	He	41.814	ug/l	1.4	2000	
Ni	60	45	He	329.133	ug/l	2.7	20000	
Cu	63	45	He	621.907	ug/l	2.4	20000	
Zn	66	45	He	3111.085	ug/l	1.2	20000	
As	75	45	He	48.960	ug/l	2.5	5000	
Se	78	45	H2	11.420	ug/l	5.1	2000	
Sr	88	115	He	460.728	ug/l	3.4	5000	
Mo	95	115	He	123.338	ug/l	2.3	2000	
Ag	107	115	He	2.674	ug/l	4.8	100	
Cd	111	115	He	4.761	ug/l	9.0	5000	
Sn	118	115	He	68.276	ug/l	2.2	200	
Sb	121	115	He	7.225	ug/l	5.7	200	
Ba	135	159	He	993.392	ug/l	1.2	20000	
Tl	205	209	He	0.576	ug/l	5.1	1000	
[Pb]	206	209	He	770.912	ug/l	0.6		
[Pb]	207	209	He	732.101	ug/l	1.0		
Pb	208	209	He	743.464	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1822317.20	3.0	108.0	60	125	
Sc (ISICPMS)	45	H2	969360.72	1.3	96.8	60	125	
Sc (ISICPMS)	45	He	35340.27	1.1	93.0	60	125	
Ge (IS)	74	H2	174621.62	0.3	98.9	60	125	
Ge (IS)	74	He	22294.54	2.0	98.9	60	125	
Kr	83	He	20.02	86.6	300.0			
In-1	115	He	52139.73	2.5	88.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	334870.75	1.7	93.9	60	125	
Bi (IS)	209	He	289836.58	0.8	91.1	60	125	

Sample Report

File Name 112SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:22:45

Sample Name **460-232697-B-1-H**

Comment ---

Dilution **1.0000**

Vial # 2301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.703	ug/l	4.2	2000	
B	11	6	No Gas	40.389	ug/l	1.4	500	
Na	23	45	He	1477.436	ug/l	2.2	500000	
Mg	24	45	He	23205.813	ug/l	0.4	500000	
Al	27	45	He	112724.129	ug/l	1.7	200000	
K	39	45	He	6621.428	ug/l	0.4	500000	
Ca	40	45	H2	20079.733	ug/l	3.4	500000	
Ti	47	45	He	3325.414	ug/l	2.3	5000	
V	51	45	He	424.898	ug/l	3.4	5000	
Cr	52	45	He	255.043	ug/l	1.6	20000	
Mn	55	45	He	4796.486	ug/l	2.8	10000	
Fe	56	45	H2	210850.015	ug/l	1.3	500000	
Co	59	45	He	85.642	ug/l	2.8	2000	
Ni	60	45	He	169.390	ug/l	1.6	20000	
Cu	63	45	He	237.645	ug/l	1.4	20000	
Zn	66	45	He	1083.862	ug/l	0.9	20000	
As	75	45	He	121.761	ug/l	2.7	5000	
Se	78	45	H2	3.347	ug/l	11.8	2000	
Sr	88	115	He	131.291	ug/l	1.6	5000	
Mo	95	115	He	6.999	ug/l	0.4	2000	
Ag	107	115	He	0.778	ug/l	2.5	100	
Cd	111	115	He	2.189	ug/l	8.5	5000	
Sn	118	115	He	25.184	ug/l	3.0	200	
Sb	121	115	He	2.161	ug/l	8.4	200	
Ba	135	159	He	595.548	ug/l	0.4	20000	
Tl	205	209	He	0.957	ug/l	7.8	1000	
[Pb]	206	209	He	552.921	ug/l	2.1		
[Pb]	207	209	He	517.563	ug/l	1.3		
Pb	208	209	He	529.942	ug/l	1.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1982508.25	2.1	117.5	60	125	
Sc (ISICPMS)	45	H2	1113677.86	2.4	111.3	60	125	
Sc (ISICPMS)	45	He	41837.25	0.5	110.1	60	125	
Ge (IS)	74	H2	201394.66	0.2	114.1	60	125	
Ge (IS)	74	He	25603.69	1.5	113.5	60	125	
Kr	83	He	40.04	43.3	600.0			
In-1	115	He	60236.78	2.3	101.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	374311.83	1.1	105.0	60	125	
Bi (IS)	209	He	318119.84	1.7	100.0	60	125	

Sample Report

File Name 113SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:24:56

Sample Name **460-232697-E-3-D**

Comment ---

Dilution **1.0000**

Vial # 2302

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	6.252	ug/l	2.7	2000	
B	11	6	No Gas	43.534	ug/l	2.4	500	
Na	23	45	He	1341.609	ug/l	0.7	500000	
Mg	24	45	He	37545.436	ug/l	3.1	500000	
Al	27	45	He	113118.412	ug/l	0.7	200000	
K	39	45	He	8350.712	ug/l	0.8	500000	
Ca	40	45	H2	26441.425	ug/l	0.2	500000	
Ti	47	45	He	4415.579	ug/l	1.0	5000	
V	51	45	He	357.455	ug/l	0.8	5000	
Cr	52	45	He	211.533	ug/l	2.3	20000	
Mn	55	45	He	4609.877	ug/l	0.8	10000	
Fe	56	45	H2	227718.847	ug/l	2.1	500000	
Co	59	45	He	104.295	ug/l	1.0	2000	
Ni	60	45	He	196.377	ug/l	1.9	20000	
Cu	63	45	He	228.024	ug/l	0.6	20000	
Zn	66	45	He	517.162	ug/l	2.5	20000	
As	75	45	He	58.165	ug/l	0.5	5000	
Se	78	45	H2	1.043	ug/l	28.4	2000	
Sr	88	115	He	212.520	ug/l	1.9	5000	
Mo	95	115	He	4.282	ug/l	3.3	2000	
Ag	107	115	He	0.201	ug/l	12.4	100	
Cd	111	115	He	1.149	ug/l	15.7	5000	
Sn	118	115	He	17.207	ug/l	2.8	200	
Sb	121	115	He	1.326	ug/l	6.8	200	
Ba	135	159	He	686.769	ug/l	1.7	20000	
Tl	205	209	He	0.857	ug/l	6.2	1000	
[Pb]	206	209	He	169.512	ug/l	1.1		
[Pb]	207	209	He	154.259	ug/l	0.8		
Pb	208	209	He	160.781	ug/l	0.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2057148.57	2.9	121.9	60	125	
Sc (ISICPMS)	45	H2	1165071.75	1.9	116.4	60	125	
Sc (ISICPMS)	45	He	43120.03	1.3	113.4	60	125	
Ge (IS)	74	H2	199602.78	1.7	113.1	60	125	
Ge (IS)	74	He	25968.01	1.1	115.1	60	125	
Kr	83	He	36.70	41.7	550.0			
In-1	115	He	59141.81	0.3	100.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	377869.07	1.7	105.9	60	125	
Bi (IS)	209	He	321259.68	1.5	100.9	60	125	

Continuing Calibration Verification (CCV)

File Name 114_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:27:06

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	96.402	ug/l	1.0	100	90	110	
B	11	6	No Gas	245.057	ug/l	2.5	250	225	275	
Na	23	45	He	26078.801	ug/l	1.6	25000	22500	27500	
Mg	24	45	He	26127.001	ug/l	3.8	25000	22500	27500	
Al	27	45	He	24935.267	ug/l	1.7	25000	22500	27500	
K	39	45	He	25613.577	ug/l	2.1	25000	22500	27500	
Ca	40	45	H2	25035.894	ug/l	1.3	25000	22500	27500	
Ti	47	45	He	96.075	ug/l	5.5	100	90	110	
V	51	45	He	95.922	ug/l	1.3	100	90	110	
Cr	52	45	He	100.068	ug/l	3.2	100	90	110	
Mn	55	45	He	100.292	ug/l	4.6	100	90	110	
Fe	56	45	H2	24814.910	ug/l	1.6	25000	22500	27500	
Co	59	45	He	100.079	ug/l	2.2	100	90	110	
Ni	60	45	He	100.601	ug/l	2.7	100	90	110	
Cu	63	45	He	100.386	ug/l	2.0	100	90	110	
Zn	66	45	He	253.527	ug/l	3.9	250	225	275	
As	75	45	He	98.871	ug/l	3.0	100	90	110	
Se	78	45	H2	104.126	ug/l	3.2	100	90	110	
Sr	88	115	He	96.391	ug/l	4.0	100	90	110	
Mo	95	115	He	99.456	ug/l	0.8	100	90	110	
Ag	107	115	He	49.998	ug/l	3.0	50	45	55	
Cd	111	115	He	100.574	ug/l	2.7	100	90	110	
Sn	118	115	He	99.576	ug/l	2.8	100	90	110	
Sb	121	115	He	99.190	ug/l	1.0	100	90	110	
Ba	135	159	He	98.478	ug/l	1.9	100	90	110	
Tl	205	209	He	99.780	ug/l	1.1	100	90	110	
[Pb]	206	209	He	100.468	ug/l	1.1				
[Pb]	207	209	He	101.474	ug/l	1.4				
Pb	208	209	He	100.143	ug/l	0.7	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2036311.17	3.6	120.6	60	125	
Sc (ISICPMS)	45	H2	1068912.29	3.8	106.8	60	125	
Sc (ISICPMS)	45	He	39492.47	1.7	103.9	60	125	
Ge (IS)	74	H2	188983.88	1.8	107.1	60	125	
Ge (IS)	74	He	24276.71	0.8	107.6	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	20.02	50.0	300.0			
In-1	115	He	59562.14	2.3	100.8	60	125	
Tb (IS)	159	He	366178.51	1.2	102.7	60	125	
Bi (IS)	209	He	314078.80	0.4	98.7	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 115_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:29:15

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.045	ug/l	40.5	0.8	-0.8	0.8	
B	11	6	No Gas	10.022	ug/l	2.7	40	-40	40	
Na	23	45	He	157.509	ug/l	10.1	500	-500	500	
Mg	24	45	He	5.432	ug/l	5.1	200	-200	200	
Al	27	45	He	3.448	ug/l	68.8	40	-40	40	
K	39	45	He	24.908	ug/l	108.3	200	-200	200	
Ca	40	45	H2	6.158	ug/l	12.2	500	-500	500	
Ti	47	45	He	0.243	ug/l	152.2	4	-4	4	
V	51	45	He	-0.424	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.406	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.185	ug/l	33.5	8	-8	8	
Fe	56	45	H2	10.603	ug/l	8.0	60	-60	60	
Co	59	45	He	0.021	ug/l	14.6	4	-4	4	
Ni	60	45	He	-0.002	ug/l	N/A	4	-4	4	
Cu	63	45	He	0.080	ug/l	75.6	4	-4	4	
Zn	66	45	He	0.589	ug/l	29.8	16	-16	16	
As	75	45	He	-0.146	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.061	ug/l	56.5	2.5	-2.5	2.5	
Sr	88	115	He	-0.003	ug/l	N/A	4	-4	4	
Mo	95	115	He	0.032	ug/l	66.9	4	-4	4	
Ag	107	115	He	0.003	ug/l	334.5	2	-2	2	
Cd	111	115	He	0.022	ug/l	86.6	2	-2	2	
Sn	118	115	He	-0.096	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.037	ug/l	58.6	2	-2	2	
Ba	135	159	He	-0.005	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.061	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.095	ug/l	38.1				
[Pb]	207	209	He	0.084	ug/l	26.4				
Pb	208	209	He	0.085	ug/l	19.5	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1981434.22	2.8	117.4	60	125	
Sc (ISICPMS)	45	H2	1091993.65	2.1	109.1	60	125	
Sc (ISICPMS)	45	He	39854.62	1.9	104.8	60	125	
Ge (IS)	74	H2	185546.03	3.1	105.1	60	125	
Ge (IS)	74	He	23150.16	3.1	102.7	60	125	
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	61346.82	1.7	103.8	60	125	
Tb (IS)	159	He	365004.35	1.1	102.3	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	325738.01	0.9	102.3	60	125	

Sample Report

File Name 116SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:31:27

Sample Name **LCS 460-775593/2-A**

Comment ---

Dilution **1.0000**

Vial # 4102

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	24.893	ug/l	1.8	2000	
B	11	6	No Gas	499.152	ug/l	1.9	500	
Na	23	45	He	2946.082	ug/l	1.0	500000	
Mg	24	45	He	2678.135	ug/l	1.3	500000	
Al	27	45	He	2657.865	ug/l	1.1	200000	
K	39	45	He	2565.821	ug/l	2.5	500000	
Ca	40	45	H2	2612.915	ug/l	0.5	500000	
Ti	47	45	He	54.458	ug/l	15.8	5000	
V	51	45	He	51.665	ug/l	2.2	5000	
Cr	52	45	He	51.436	ug/l	2.8	20000	
Mn	55	45	He	264.349	ug/l	0.9	10000	
Fe	56	45	H2	2592.993	ug/l	2.1	500000	
Co	59	45	He	26.765	ug/l	2.0	2000	
Ni	60	45	He	52.322	ug/l	2.1	20000	
Cu	63	45	He	55.495	ug/l	1.1	20000	
Zn	66	45	He	253.028	ug/l	1.4	20000	
As	75	45	He	53.322	ug/l	2.5	5000	
Se	78	45	H2	48.949	ug/l	4.9	2000	
Sr	88	115	He	52.415	ug/l	4.8	5000	
Mo	95	115	He	53.110	ug/l	1.2	2000	
Ag	107	115	He	26.562	ug/l	1.5	100	
Cd	111	115	He	26.404	ug/l	0.6	5000	
Sn	118	115	He	52.622	ug/l	0.6	200	
Sb	121	115	He	26.356	ug/l	3.5	200	
Ba	135	159	He	52.298	ug/l	1.7	20000	
Tl	205	209	He	20.403	ug/l	1.0	1000	
[Pb]	206	209	He	26.521	ug/l	2.4		
[Pb]	207	209	He	25.378	ug/l	1.7		
Pb	208	209	He	25.688	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2000782.87	1.5	118.5	60	125	
Sc (ISICPMS)	45	H2	1123774.05	0.7	112.3	60	125	
Sc (ISICPMS)	45	He	39917.04	1.7	105.0	60	125	
Ge (IS)	74	H2	182060.76	4.5	103.1	60	125	
Ge (IS)	74	He	22438.28	1.2	99.5	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	59163.57	0.5	100.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	365793.64	1.4	102.6	60	125	
Bi (IS)	209	He	322270.39	1.0	101.3	60	125	

Sample Report

File Name 117SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:33:38

Sample Name **pds 460-233119-H-4-A**

Comment ---

Dilution **1.0000**

Vial # 4103

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	25.700	ug/l	1.1	2000	
B	11	6	No Gas	613.891	ug/l	2.5	500	>LDR 6020B
Na	23	45	He	566333.650	ug/l	3.3	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	42307.487	ug/l	2.1	500000	
Al	27	45	He	2736.254	ug/l	2.0	200000	
K	39	45	He	5628.977	ug/l	2.5	500000	
Ca	40	45	H2	200862.505	ug/l	1.6	500000	
Ti	47	45	He	60.565	ug/l	10.5	5000	
V	51	45	He	52.285	ug/l	3.4	5000	
Cr	52	45	He	51.368	ug/l	2.5	20000	
Mn	55	45	He	5285.481	ug/l	2.7	10000	
Fe	56	45	H2	7952.101	ug/l	1.1	500000	
Co	59	45	He	25.453	ug/l	4.3	2000	
Ni	60	45	He	53.314	ug/l	2.5	20000	
Cu	63	45	He	52.311	ug/l	3.7	20000	
Zn	66	45	He	254.222	ug/l	2.5	20000	
As	75	45	He	52.846	ug/l	4.9	5000	
Se	78	45	H2	51.573	ug/l	7.5	2000	
Sr	88	115	He	588.918	ug/l	2.6	5000	
Mo	95	115	He	53.697	ug/l	4.0	2000	
Ag	107	115	He	25.167	ug/l	1.0	100	
Cd	111	115	He	26.963	ug/l	3.4	5000	
Sn	118	115	He	54.566	ug/l	0.4	200	
Sb	121	115	He	26.249	ug/l	2.2	200	
Ba	135	159	He	1482.064	ug/l	3.0	20000	
Tl	205	209	He	20.766	ug/l	1.6	1000	
[Pb]	206	209	He	27.529	ug/l	3.1		
[Pb]	207	209	He	26.772	ug/l	0.8		
Pb	208	209	He	27.008	ug/l	2.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1779355.69	1.0	105.4	60	125	
Sc (ISICPMS)	45	H2	1003846.65	3.3	100.3	60	125	
Sc (ISICPMS)	45	He	34510.26	1.0	90.8	60	125	
Ge (IS)	74	H2	167662.77	1.7	95.0	60	125	
Ge (IS)	74	He	21689.42	1.9	96.2	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	51612.20	0.1	87.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	326744.09	2.1	91.6	60	125	
Bi (IS)	209	He	278585.39	2.0	87.5	60	125	

Sample Report

File Name 118SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:35:48

Sample Name **460-233119-H-4-B MS**

Comment ---

Dilution **1.0000**

Vial # 4104

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	26.865	ug/l	5.0	2000	
B	11	6	No Gas	634.522	ug/l	3.9	500	>LDR 6020B
Na	23	45	He	574590.321	ug/l	1.2	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	42278.976	ug/l	0.8	500000	
Al	27	45	He	2927.401	ug/l	0.2	200000	
K	39	45	He	5683.661	ug/l	2.4	500000	
Ca	40	45	H2	200871.944	ug/l	1.7	500000	
Ti	47	45	He	64.549	ug/l	7.7	5000	
V	51	45	He	54.541	ug/l	4.3	5000	
Cr	52	45	He	53.445	ug/l	2.1	20000	
Mn	55	45	He	5294.915	ug/l	2.6	10000	
Fe	56	45	H2	8206.389	ug/l	1.5	500000	
Co	59	45	He	26.453	ug/l	3.9	2000	
Ni	60	45	He	54.805	ug/l	1.4	20000	
Cu	63	45	He	54.865	ug/l	0.9	20000	
Zn	66	45	He	266.018	ug/l	2.6	20000	
As	75	45	He	55.162	ug/l	6.4	5000	
Se	78	45	H2	54.138	ug/l	5.1	2000	
Sr	88	115	He	598.318	ug/l	0.6	5000	
Mo	95	115	He	57.516	ug/l	0.6	2000	
Ag	107	115	He	26.918	ug/l	1.0	100	
Cd	111	115	He	27.980	ug/l	2.2	5000	
Sn	118	115	He	56.692	ug/l	2.0	200	
Sb	121	115	He	27.090	ug/l	2.3	200	
Ba	135	159	He	1451.871	ug/l	0.4	20000	
Tl	205	209	He	21.070	ug/l	2.4	1000	
[Pb]	206	209	He	28.198	ug/l	2.0		
[Pb]	207	209	He	27.081	ug/l	2.0		
Pb	208	209	He	27.416	ug/l	2.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1704837.70	1.5	101.0	60	125	
Sc (ISICPMS)	45	H2	933001.89	2.2	93.2	60	125	
Sc (ISICPMS)	45	He	33916.50	2.5	89.2	60	125	
Ge (IS)	74	H2	161856.67	0.7	91.7	60	125	
Ge (IS)	74	He	20643.51	2.4	91.5	60	125	
Kr	83	He	16.68	34.6	250.0			
In-1	115	He	50296.44	0.4	85.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	322588.41	1.5	90.4	60	125	
Bi (IS)	209	He	282436.56	0.8	88.7	60	125	

Sample Report

File Name 119SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:37:58

Sample Name **460-233119-A-4-B DU**

Comment ---

Dilution **1.0000**

Vial # 4105

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.064	ug/l	54.9	2000	
B	11	6	No Gas	102.098	ug/l	3.8	500	
Na	23	45	He	574729.203	ug/l	2.2	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	40247.293	ug/l	1.7	500000	
Al	27	45	He	184.993	ug/l	8.2	200000	
K	39	45	He	3024.266	ug/l	3.2	500000	
Ca	40	45	H2	200585.450	ug/l	2.8	500000	
Ti	47	45	He	73.282	ug/l	148.2	5000	
V	51	45	He	0.413	ug/l	40.8	5000	
Cr	52	45	He	0.449	ug/l	48.2	20000	
Mn	55	45	He	5044.454	ug/l	2.3	10000	
Fe	56	45	H2	5726.828	ug/l	3.9	500000	
Co	59	45	He	0.398	ug/l	13.2	2000	
Ni	60	45	He	1.225	ug/l	1.8	20000	
Cu	63	45	He	0.613	ug/l	17.8	20000	
Zn	66	45	He	2.816	ug/l	17.6	20000	
As	75	45	He	0.369	ug/l	30.3	5000	
Se	78	45	H2	0.179	ug/l	58.7	2000	
Sr	88	115	He	535.637	ug/l	4.3	5000	
Mo	95	115	He	0.247	ug/l	53.4	2000	
Ag	107	115	He	-0.007	ug/l	N/A	100	
Cd	111	115	He	0.027	ug/l	173.2	5000	
Sn	118	115	He	0.138	ug/l	148.3	200	
Sb	121	115	He	0.017	ug/l	160.1	200	
Ba	135	159	He	1389.630	ug/l	3.5	20000	
Tl	205	209	He	-0.083	ug/l	N/A	1000	
[Pb]	206	209	He	0.771	ug/l	9.8		
[Pb]	207	209	He	0.611	ug/l	3.1		
Pb	208	209	He	0.702	ug/l	3.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1726653.43	2.8	102.3	60	125	
Sc (ISICPMS)	45	H2	931591.83	2.4	93.1	60	125	
Sc (ISICPMS)	45	He	33821.95	0.9	89.0	60	125	
Ge (IS)	74	H2	165207.05	3.7	93.6	60	125	
Ge (IS)	74	He	21288.53	0.6	94.4	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	50922.59	2.2	86.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	324335.19	2.6	90.9	60	125	
Bi (IS)	209	He	278305.01	0.5	87.4	60	125	

Sample Report

File Name 120SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:40:08

Sample Name **460-233119-H-4-A**

Comment ---

Dilution **1.0000**

Vial # 4106

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.078	ug/l	43.5	2000	
B	11	6	No Gas	93.466	ug/l	4.6	500	
Na	23	45	He	573610.890	ug/l	1.4	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	40170.644	ug/l	1.0	500000	
Al	27	45	He	187.310	ug/l	8.2	200000	
K	39	45	He	3091.785	ug/l	1.3	500000	
Ca	40	45	H2	204222.886	ug/l	3.8	500000	
Ti	47	45	He	5.571	ug/l	23.2	5000	
V	51	45	He	0.283	ug/l	39.2	5000	
Cr	52	45	He	0.226	ug/l	11.3	20000	
Mn	55	45	He	5022.729	ug/l	1.0	10000	
Fe	56	45	H2	5656.509	ug/l	2.4	500000	
Co	59	45	He	0.374	ug/l	8.8	2000	
Ni	60	45	He	1.436	ug/l	17.6	20000	
Cu	63	45	He	0.521	ug/l	6.9	20000	
Zn	66	45	He	3.217	ug/l	13.9	20000	
As	75	45	He	0.338	ug/l	71.0	5000	
Se	78	45	H2	-0.034	ug/l	N/A	2000	
Sr	88	115	He	551.211	ug/l	2.6	5000	
Mo	95	115	He	0.280	ug/l	16.1	2000	
Ag	107	115	He	-0.007	ug/l	N/A	100	
Cd	111	115	He	0.041	ug/l	1.5	5000	
Sn	118	115	He	0.261	ug/l	106.8	200	
Sb	121	115	He	0.056	ug/l	74.3	200	
Ba	135	159	He	1406.319	ug/l	1.0	20000	
Tl	205	209	He	-0.084	ug/l	N/A	1000	
[Pb]	206	209	He	0.715	ug/l	6.3		
[Pb]	207	209	He	0.669	ug/l	10.2		
Pb	208	209	He	0.707	ug/l	5.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1735192.53	5.1	102.8	60	125	
Sc (ISICPMS)	45	H2	924226.25	5.7	92.3	60	125	
Sc (ISICPMS)	45	He	33677.07	0.4	88.6	60	125	
Ge (IS)	74	H2	159181.49	0.7	90.2	60	125	
Ge (IS)	74	He	20529.87	2.1	91.0	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	49668.59	1.5	84.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	320021.80	0.3	89.7	60	125	
Bi (IS)	209	He	276758.43	1.4	87.0	60	125	

Sample Report

File Name 121SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:42:17

Sample Name **sd 460-233119-H-4-A@5**

Comment ---

Dilution **1.0000**

Vial # 4107

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.018	ug/l	51.5	2000	
B	11	6	No Gas	25.627	ug/l	4.9	500	
Na	23	45	He	118951.795	ug/l	0.9	500000	
Mg	24	45	He	8435.505	ug/l	1.6	500000	
Al	27	45	He	46.583	ug/l	44.2	200000	
K	39	45	He	694.544	ug/l	3.9	500000	
Ca	40	45	H2	41838.504	ug/l	1.3	500000	
Ti	47	45	He	1.295	ug/l	37.3	5000	
V	51	45	He	-0.538	ug/l	N/A	5000	
Cr	52	45	He	-0.187	ug/l	N/A	20000	
Mn	55	45	He	1057.903	ug/l	1.4	10000	
Fe	56	45	H2	1254.386	ug/l	2.2	500000	
Co	59	45	He	0.063	ug/l	63.2	2000	
Ni	60	45	He	0.458	ug/l	16.6	20000	
Cu	63	45	He	0.168	ug/l	26.7	20000	
Zn	66	45	He	1.510	ug/l	4.7	20000	
As	75	45	He	-0.080	ug/l	N/A	5000	
Se	78	45	H2	-0.014	ug/l	N/A	2000	
Sr	88	115	He	112.871	ug/l	3.2	5000	
Mo	95	115	He	0.038	ug/l	24.3	2000	
Ag	107	115	He	-0.015	ug/l	N/A	100	
Cd	111	115	He	0.013	ug/l	173.2	5000	
Sn	118	115	He	0.102	ug/l	108.2	200	
Sb	121	115	He	0.043	ug/l	35.5	200	
Ba	135	159	He	294.361	ug/l	4.0	20000	
Tl	205	209	He	-0.092	ug/l	N/A	1000	
[Pb]	206	209	He	0.146	ug/l	33.0		
[Pb]	207	209	He	0.099	ug/l	28.1		
Pb	208	209	He	0.130	ug/l	5.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1800666.26	3.5	106.7	60	125	
Sc (ISICPMS)	45	H2	956654.10	4.2	95.6	60	125	
Sc (ISICPMS)	45	He	34477.94	1.2	90.7	60	125	
Ge (IS)	74	H2	169176.06	2.5	95.8	60	125	
Ge (IS)	74	He	20900.81	2.4	92.7	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	51866.33	0.8	87.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	325496.42	1.7	91.3	60	125	
Bi (IS)	209	He	290742.82	1.9	91.4	60	125	

Sample Report

File Name 122SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:44:27

Sample Name **460-233141-E-1-E**

Comment ---

Dilution **1.0000**

Vial # 2408

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.438	ug/l	9.5	2000	
B	11	6	No Gas	33.357	ug/l	5.8	500	
Na	23	45	He	1873.392	ug/l	2.2	500000	
Mg	24	45	He	52692.461	ug/l	1.3	500000	
Al	27	45	He	109559.823	ug/l	0.9	200000	
K	39	45	He	28309.169	ug/l	1.7	500000	
Ca	40	45	H2	69202.752	ug/l	0.4	500000	
Ti	47	45	He	8971.907	ug/l	1.5	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	289.431	ug/l	2.2	5000	
Cr	52	45	He	196.976	ug/l	1.1	20000	
Mn	55	45	He	2427.684	ug/l	2.2	10000	
Fe	56	45	H2	176950.408	ug/l	0.7	500000	
Co	59	45	He	84.894	ug/l	1.8	2000	
Ni	60	45	He	180.903	ug/l	1.5	20000	
Cu	63	45	He	300.128	ug/l	0.6	20000	
Zn	66	45	He	1321.925	ug/l	0.3	20000	
As	75	45	He	38.210	ug/l	1.0	5000	
Se	78	45	H2	2.512	ug/l	31.9	2000	
Sr	88	115	He	232.393	ug/l	1.1	5000	
Mo	95	115	He	6.435	ug/l	6.1	2000	
Ag	107	115	He	1.306	ug/l	6.8	100	
Cd	111	115	He	3.794	ug/l	8.0	5000	
Sn	118	115	He	47.632	ug/l	2.6	200	
Sb	121	115	He	2.049	ug/l	3.1	200	
Ba	135	159	He	1013.826	ug/l	0.6	20000	
Tl	205	209	He	1.716	ug/l	1.2	1000	
[Pb]	206	209	He	11022.735	ug/l	0.4		
[Pb]	207	209	He	10180.267	ug/l	1.2		
Pb	208	209	He	10418.571	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1726068.55	1.5	102.3	60	125	
Sc (ISICPMS)	45	H2	940715.86	1.4	94.0	60	125	
Sc (ISICPMS)	45	He	34970.30	0.9	92.0	60	125	
Ge (IS)	74	H2	164362.76	0.7	93.1	60	125	
Ge (IS)	74	He	20960.93	1.1	92.9	60	125	
Kr	83	He	30.03	57.7	450.0			
In-1	115	He	50153.55	1.8	84.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	322467.06	1.5	90.4	60	125	
Bi (IS)	209	He	279797.76	0.3	87.9	60	125	

Sample Report

File Name 123SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:46:35

Sample Name **460-233141-E-2-E**

Comment ---

Dilution **1.0000**

Vial # 2409

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	4.323	ug/l	4.5	2000	
B	11	6	No Gas	26.671	ug/l	1.6	500	
Na	23	45	He	2393.765	ug/l	3.0	500000	
Mg	24	45	He	44505.565	ug/l	2.9	500000	
Al	27	45	He	110980.038	ug/l	1.6	200000	
K	39	45	He	13067.975	ug/l	2.4	500000	
Ca	40	45	H2	22430.296	ug/l	2.7	500000	
Ti	47	45	He	5765.681	ug/l	2.1	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	249.482	ug/l	1.2	5000	
Cr	52	45	He	188.825	ug/l	3.2	20000	
Mn	55	45	He	1384.574	ug/l	2.1	10000	
Fe	56	45	H2	180856.703	ug/l	0.4	500000	
Co	59	45	He	75.958	ug/l	2.0	2000	
Ni	60	45	He	145.952	ug/l	2.6	20000	
Cu	63	45	He	135.490	ug/l	2.4	20000	
Zn	66	45	He	678.981	ug/l	3.3	20000	
As	75	45	He	22.532	ug/l	7.0	5000	
Se	78	45	H2	2.349	ug/l	11.1	2000	
Sr	88	115	He	120.258	ug/l	4.0	5000	
Mo	95	115	He	8.113	ug/l	6.9	2000	
Ag	107	115	He	0.487	ug/l	23.5	100	
Cd	111	115	He	0.881	ug/l	22.4	5000	
Sn	118	115	He	14.830	ug/l	7.1	200	
Sb	121	115	He	0.150	ug/l	34.7	200	
Ba	135	159	He	1166.586	ug/l	2.1	20000	
Tl	205	209	He	1.282	ug/l	3.9	1000	
[Pb]	206	209	He	87.197	ug/l	1.4		
[Pb]	207	209	He	80.223	ug/l	2.2		
Pb	208	209	He	82.445	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1850008.20	1.8	109.6	60	125	
Sc (ISICPMS)	45	H2	974911.33	2.2	97.4	60	125	
Sc (ISICPMS)	45	He	36268.20	2.4	95.4	60	125	
Ge (IS)	74	H2	171062.10	0.6	96.9	60	125	
Ge (IS)	74	He	21502.35	2.5	95.3	60	125	
Kr	83	He	26.69	57.3	400.0			
In-1	115	He	51720.73	1.1	87.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	339411.92	1.7	95.2	60	125	
Bi (IS)	209	He	291282.44	1.0	91.5	60	125	

Sample Report

File Name 124SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:48:44

Sample Name **460-233141-E-3-E**

Comment ---

Dilution **1.0000**

Vial # 2410

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.452	ug/l	7.1	2000	
B	11	6	No Gas	58.175	ug/l	2.3	500	
Na	23	45	He	2045.943	ug/l	0.4	500000	
Mg	24	45	He	35840.574	ug/l	0.5	500000	
Al	27	45	He	83364.631	ug/l	0.4	200000	
K	39	45	He	12936.390	ug/l	1.6	500000	
Ca	40	45	H2	83294.349	ug/l	0.3	500000	
Ti	47	45	He	4679.754	ug/l	1.1	5000	>LDR 200.8
V	51	45	He	294.908	ug/l	0.9	5000	
Cr	52	45	He	574.346	ug/l	1.3	20000	
Mn	55	45	He	2873.059	ug/l	1.7	10000	
Fe	56	45	H2	195193.156	ug/l	3.0	500000	
Co	59	45	He	62.260	ug/l	1.6	2000	
Ni	60	45	He	156.089	ug/l	1.7	20000	
Cu	63	45	He	860.436	ug/l	0.4	20000	
Zn	66	45	He	6205.738	ug/l	2.9	20000	
As	75	45	He	68.454	ug/l	3.8	5000	
Se	78	45	H2	3.530	ug/l	4.1	2000	
Sr	88	115	He	3744.536	ug/l	2.8	5000	
Mo	95	115	He	8.112	ug/l	4.7	2000	
Ag	107	115	He	6.149	ug/l	2.0	100	
Cd	111	115	He	7.442	ug/l	3.3	5000	
Sn	118	115	He	187.028	ug/l	2.0	200	
Sb	121	115	He	6.902	ug/l	4.2	200	
Ba	135	159	He	6148.834	ug/l	2.8	20000	
Tl	205	209	He	1.319	ug/l	2.4	1000	
[Pb]	206	209	He	10040.501	ug/l	2.2		
[Pb]	207	209	He	9588.854	ug/l	2.6		
Pb	208	209	He	9687.342	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1835189.70	1.8	108.7	60	125	
Sc (ISICPMS)	45	H2	992667.70	0.8	99.2	60	125	
Sc (ISICPMS)	45	He	37288.71	1.3	98.1	60	125	
Ge (IS)	74	H2	181153.18	0.8	102.6	60	125	
Ge (IS)	74	He	23818.68	2.3	105.6	60	125	
Kr	83	He	20.02	50.0	300.0			
In-1	115	He	54420.54	1.0	92.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	351176.23	2.2	98.5	60	125	
Bi (IS)	209	He	315580.90	1.0	99.2	60	125	

Sample Report

File Name 125SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:50:52

Sample Name **460-233141-E-4-E**

Comment ---

Dilution **1.0000**

Vial # 2411

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.997	ug/l	9.4	2000	
B	11	6	No Gas	17.659	ug/l	5.8	500	
Na	23	45	He	1196.077	ug/l	0.7	500000	
Mg	24	45	He	59592.278	ug/l	1.7	500000	
Al	27	45	He	88452.403	ug/l	0.8	200000	
K	39	45	He	13535.355	ug/l	1.4	500000	
Ca	40	45	H2	75964.667	ug/l	2.7	500000	
Ti	47	45	He	6212.876	ug/l	2.0	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	216.873	ug/l	1.8	5000	
Cr	52	45	He	141.249	ug/l	2.1	20000	
Mn	55	45	He	3179.869	ug/l	2.3	10000	
Fe	56	45	H2	143068.392	ug/l	2.1	500000	
Co	59	45	He	63.883	ug/l	1.0	2000	
Ni	60	45	He	115.877	ug/l	2.6	20000	
Cu	63	45	He	170.967	ug/l	1.3	20000	
Zn	66	45	He	636.526	ug/l	1.4	20000	
As	75	45	He	34.487	ug/l	3.0	5000	
Se	78	45	H2	1.161	ug/l	7.4	2000	
Sr	88	115	He	189.771	ug/l	0.5	5000	
Mo	95	115	He	7.074	ug/l	7.0	2000	
Ag	107	115	He	0.470	ug/l	6.3	100	
Cd	111	115	He	1.367	ug/l	10.1	5000	
Sn	118	115	He	33.586	ug/l	1.9	200	
Sb	121	115	He	2.188	ug/l	2.3	200	
Ba	135	159	He	640.808	ug/l	1.5	20000	
Tl	205	209	He	1.541	ug/l	5.3	1000	
[Pb]	206	209	He	562.060	ug/l	0.4		
[Pb]	207	209	He	529.589	ug/l	1.9		
Pb	208	209	He	537.966	ug/l	2.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1924786.74	4.1	114.0	60	125	
Sc (ISICPMS)	45	H2	1086791.59	1.7	108.6	60	125	
Sc (ISICPMS)	45	He	39148.33	0.7	103.0	60	125	
Ge (IS)	74	H2	189649.06	0.5	107.4	60	125	
Ge (IS)	74	He	23918.90	3.6	106.1	60	125	
Kr	83	He	33.37	45.8	500.0			
In-1	115	He	57143.41	0.9	96.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	361395.83	1.5	101.3	60	125	
Bi (IS)	209	He	305727.67	1.7	96.1	60	125	

Continuing Calibration Verification (CCV)

File Name 126_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:53:02

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	95.582	ug/l	2.7	100	90	110	
B	11	6	No Gas	247.933	ug/l	3.9	250	225	275	
Na	23	45	He	27110.372	ug/l	1.4	25000	22500	27500	
Mg	24	45	He	26209.024	ug/l	1.0	25000	22500	27500	
Al	27	45	He	25132.542	ug/l	0.7	25000	22500	27500	
K	39	45	He	25197.111	ug/l	0.7	25000	22500	27500	
Ca	40	45	H2	24773.304	ug/l	1.8	25000	22500	27500	
Ti	47	45	He	100.558	ug/l	3.4	100	90	110	
V	51	45	He	98.807	ug/l	1.7	100	90	110	
Cr	52	45	He	99.670	ug/l	1.6	100	90	110	
Mn	55	45	He	100.967	ug/l	1.8	100	90	110	
Fe	56	45	H2	24220.308	ug/l	2.2	25000	22500	27500	
Co	59	45	He	101.444	ug/l	0.1	100	90	110	
Ni	60	45	He	99.131	ug/l	2.1	100	90	110	
Cu	63	45	He	102.377	ug/l	1.1	100	90	110	
Zn	66	45	He	259.192	ug/l	1.3	250	225	275	
As	75	45	He	101.916	ug/l	3.7	100	90	110	
Se	78	45	H2	103.575	ug/l	2.0	100	90	110	
Sr	88	115	He	97.930	ug/l	3.4	100	90	110	
Mo	95	115	He	101.286	ug/l	1.2	100	90	110	
Ag	107	115	He	50.082	ug/l	2.2	50	45	55	
Cd	111	115	He	101.751	ug/l	1.6	100	90	110	
Sn	118	115	He	101.912	ug/l	1.6	100	90	110	
Sb	121	115	He	100.140	ug/l	1.4	100	90	110	
Ba	135	159	He	97.799	ug/l	4.1	100	90	110	
Tl	205	209	He	98.644	ug/l	0.2	100	90	110	
[Pb]	206	209	He	101.502	ug/l	0.6				
[Pb]	207	209	He	99.346	ug/l	1.2				
Pb	208	209	He	100.285	ug/l	0.9	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1968476.67	3.1	116.6	60	125	
Sc (ISICPMS)	45	H2	1050251.04	0.6	104.9	60	125	
Sc (ISICPMS)	45	He	37469.25	0.9	98.6	60	125	
Ge (IS)	74	H2	170283.96	2.2	96.5	60	125	
Ge (IS)	74	He	22147.55	0.6	98.2	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	56720.09	1.3	96.0	60	125	
Tb (IS)	159	He	351912.48	0.4	98.7	60	125	
Bi (IS)	209	He	309152.17	0.4	97.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 127_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:55:11

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.024	ug/l	50.3	0.8	-0.8	0.8	
B	11	6	No Gas	9.143	ug/l	2.0	40	-40	40	
Na	23	45	He	176.316	ug/l	8.2	500	-500	500	
Mg	24	45	He	5.505	ug/l	2.6	200	-200	200	
Al	27	45	He	2.309	ug/l	67.3	40	-40	40	
K	39	45	He	29.366	ug/l	76.6	200	-200	200	
Ca	40	45	H2	7.289	ug/l	10.0	500	-500	500	
Ti	47	45	He	0.502	ug/l	155.7	4	-4	4	
V	51	45	He	-0.423	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.428	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.110	ug/l	134.0	8	-8	8	
Fe	56	45	H2	8.501	ug/l	8.2	60	-60	60	
Co	59	45	He	-0.007	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.070	ug/l	114.4	4	-4	4	
Cu	63	45	He	0.105	ug/l	36.4	4	-4	4	
Zn	66	45	He	1.234	ug/l	30.3	16	-16	16	
As	75	45	He	0.028	ug/l	272.0	2	-2	2	
Se	78	45	H2	0.090	ug/l	169.9	2.5	-2.5	2.5	
Sr	88	115	He	0.078	ug/l	157.1	4	-4	4	
Mo	95	115	He	0.048	ug/l	16.9	4	-4	4	
Ag	107	115	He	0.005	ug/l	351.4	2	-2	2	
Cd	111	115	He	0.000	ug/l	N/A	2	-2	2	
Sn	118	115	He	0.375	ug/l	26.2	16	-16	16	
Sb	121	115	He	0.042	ug/l	33.3	2	-2	2	
Ba	135	159	He	0.043	ug/l	278.5	4	-4	4	
Tl	205	209	He	-0.060	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.614	ug/l	6.1				
[Pb]	207	209	He	0.543	ug/l	13.2				
Pb	208	209	He	0.574	ug/l	7.9	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1945060.53	2.5	115.2	60	125	
Sc (ISICPMS)	45	H2	1048968.04	2.5	104.8	60	125	
Sc (ISICPMS)	45	He	38378.41	2.0	101.0	60	125	
Ge (IS)	74	H2	173816.03	1.4	98.5	60	125	
Ge (IS)	74	He	21823.17	1.8	96.8	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	57795.35	0.4	97.8	60	125	
Tb (IS)	159	He	352620.71	1.0	98.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	316090.49	0.7	99.3	60	125	

Sample Report

File Name 128SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:57:23

Sample Name **pds 460-233119-H-4-A@5**

Comment ---

Dilution **1.0000**

Vial # 4103

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	24.730	ug/l	5.1	2000	
B	11	6	No Gas	503.980	ug/l	1.9	500	>LDR 6020B
Na	23	45	He	121371.769	ug/l	2.9	500000	
Mg	24	45	He	11023.118	ug/l	2.8	500000	
Al	27	45	He	2660.954	ug/l	3.2	200000	
K	39	45	He	3299.376	ug/l	2.8	500000	
Ca	40	45	H2	43366.217	ug/l	1.9	500000	
Ti	47	45	He	54.079	ug/l	11.4	5000	
V	51	45	He	51.810	ug/l	3.0	5000	
Cr	52	45	He	51.342	ug/l	2.2	20000	
Mn	55	45	He	1296.720	ug/l	2.0	10000	
Fe	56	45	H2	3712.764	ug/l	1.5	500000	
Co	59	45	He	26.036	ug/l	2.2	2000	
Ni	60	45	He	51.580	ug/l	2.5	20000	
Cu	63	45	He	53.148	ug/l	4.4	20000	
Zn	66	45	He	255.345	ug/l	0.7	20000	
As	75	45	He	53.134	ug/l	2.4	5000	
Se	78	45	H2	52.060	ug/l	9.1	2000	
Sr	88	115	He	161.145	ug/l	3.0	5000	
Mo	95	115	He	52.589	ug/l	2.6	2000	
Ag	107	115	He	25.405	ug/l	1.6	100	
Cd	111	115	He	26.324	ug/l	2.4	5000	
Sn	118	115	He	51.954	ug/l	2.5	200	
Sb	121	115	He	25.376	ug/l	1.2	200	
Ba	135	159	He	345.917	ug/l	0.9	20000	
Tl	205	209	He	20.633	ug/l	1.2	1000	
[Pb]	206	209	He	26.778	ug/l	0.7		
[Pb]	207	209	He	26.328	ug/l	2.9		
Pb	208	209	He	26.549	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1900041.34	2.7	112.6	60	125	
Sc (ISICPMS)	45	H2	1031474.01	3.5	103.0	60	125	
Sc (ISICPMS)	45	He	35858.14	2.3	94.3	60	125	
Ge (IS)	74	H2	174711.74	4.5	99.0	60	125	
Ge (IS)	74	He	22264.37	0.4	98.7	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	54910.55	0.9	92.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	341790.34	1.2	95.8	60	125	
Bi (IS)	209	He	297122.99	0.1	93.4	60	125	

Sample Report

File Name 129SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 12:59:33

Sample Name **460-233119-H-4-B MS@5**

Comment ---

Dilution **1.0000**

Vial # 4104

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	5.236	ug/l	1.5	2000	
B	11	6	No Gas	133.398	ug/l	1.3	500	
Na	23	45	He	120946.540	ug/l	2.7	500000	
Mg	24	45	He	8862.203	ug/l	1.5	500000	
Al	27	45	He	596.379	ug/l	1.4	200000	
K	39	45	He	1204.566	ug/l	2.0	500000	
Ca	40	45	H2	41797.490	ug/l	1.6	500000	
Ti	47	45	He	13.283	ug/l	11.3	5000	
V	51	45	He	10.987	ug/l	10.9	5000	
Cr	52	45	He	10.679	ug/l	7.2	20000	
Mn	55	45	He	1095.391	ug/l	0.8	10000	
Fe	56	45	H2	1757.633	ug/l	4.9	500000	
Co	59	45	He	5.766	ug/l	3.7	2000	
Ni	60	45	He	11.766	ug/l	3.5	20000	
Cu	63	45	He	11.389	ug/l	2.4	20000	
Zn	66	45	He	56.548	ug/l	5.0	20000	
As	75	45	He	10.277	ug/l	2.7	5000	
Se	78	45	H2	10.943	ug/l	10.1	2000	
Sr	88	115	He	122.131	ug/l	2.0	5000	
Mo	95	115	He	11.574	ug/l	5.5	2000	
Ag	107	115	He	5.553	ug/l	5.3	100	
Cd	111	115	He	5.918	ug/l	14.2	5000	
Sn	118	115	He	11.494	ug/l	3.8	200	
Sb	121	115	He	5.499	ug/l	9.6	200	
Ba	135	159	He	311.024	ug/l	1.7	20000	
Tl	205	209	He	4.271	ug/l	2.7	1000	
[Pb]	206	209	He	6.196	ug/l	2.2		
[Pb]	207	209	He	6.026	ug/l	3.6		
Pb	208	209	He	6.086	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1903492.07	1.1	112.8	60	125	
Sc (ISICPMS)	45	H2	1007026.76	2.5	100.6	60	125	
Sc (ISICPMS)	45	He	35948.43	2.4	94.6	60	125	
Ge (IS)	74	H2	170443.02	0.9	96.6	60	125	
Ge (IS)	74	He	21622.59	1.6	95.9	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	52873.81	1.2	89.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	335601.18	0.6	94.1	60	125	
Bi (IS)	209	He	298787.71	1.5	93.9	60	125	

Sample Report

File Name 130SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:01:43

Sample Name **460-233119-A-4-B DU@5**

Comment ---

Dilution **1.0000**

Vial # 4105

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.025	ug/l	51.6	2000	
B	11	6	No Gas	27.045	ug/l	3.4	500	
Na	23	45	He	126857.156	ug/l	0.8	500000	
Mg	24	45	He	8742.687	ug/l	0.9	500000	
Al	27	45	He	47.349	ug/l	17.7	200000	
K	39	45	He	680.866	ug/l	5.4	500000	
Ca	40	45	H2	41746.090	ug/l	1.4	500000	
Ti	47	45	He	1.014	ug/l	25.6	5000	
V	51	45	He	-0.358	ug/l	N/A	5000	
Cr	52	45	He	-0.133	ug/l	N/A	20000	
Mn	55	45	He	1096.427	ug/l	0.5	10000	
Fe	56	45	H2	1264.909	ug/l	1.0	500000	
Co	59	45	He	0.104	ug/l	20.9	2000	
Ni	60	45	He	0.335	ug/l	16.6	20000	
Cu	63	45	He	0.217	ug/l	17.5	20000	
Zn	66	45	He	1.651	ug/l	12.1	20000	
As	75	45	He	-0.162	ug/l	N/A	5000	
Se	78	45	H2	-0.038	ug/l	N/A	2000	
Sr	88	115	He	114.934	ug/l	2.1	5000	
Mo	95	115	He	0.047	ug/l	31.7	2000	
Ag	107	115	He	0.001	ug/l	1143.5	100	
Cd	111	115	He	0.013	ug/l	173.2	5000	
Sn	118	115	He	0.207	ug/l	75.3	200	
Sb	121	115	He	0.029	ug/l	21.2	200	
Ba	135	159	He	301.849	ug/l	1.9	20000	
Tl	205	209	He	-0.085	ug/l	N/A	1000	
[Pb]	206	209	He	0.364	ug/l	4.0		
[Pb]	207	209	He	0.414	ug/l	12.5		
Pb	208	209	He	0.376	ug/l	6.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1834923.81	3.9	108.7	60	125	
Sc (ISICPMS)	45	H2	980445.30	2.0	97.9	60	125	
Sc (ISICPMS)	45	He	34500.25	1.3	90.8	60	125	
Ge (IS)	74	H2	168434.71	4.4	95.4	60	125	
Ge (IS)	74	He	21285.23	2.9	94.4	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	53008.21	2.0	89.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	331498.20	1.1	92.9	60	125	
Bi (IS)	209	He	295435.75	0.8	92.8	60	125	

Sample Report

File Name 131SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:03:53

Sample Name **460-233119-H-4-A@5**

Comment ---

Dilution **1.0000**

Vial # 4106

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.023	ug/l	60.0	2000	
B	11	6	No Gas	23.040	ug/l	4.1	500	
Na	23	45	He	123587.483	ug/l	1.4	500000	
Mg	24	45	He	8431.547	ug/l	2.5	500000	
Al	27	45	He	41.840	ug/l	20.4	200000	
K	39	45	He	665.257	ug/l	4.7	500000	
Ca	40	45	H2	41624.041	ug/l	2.8	500000	
Ti	47	45	He	1.115	ug/l	61.9	5000	
V	51	45	He	-0.375	ug/l	N/A	5000	
Cr	52	45	He	-0.310	ug/l	N/A	20000	
Mn	55	45	He	1048.534	ug/l	1.5	10000	
Fe	56	45	H2	1218.052	ug/l	2.7	500000	
Co	59	45	He	0.112	ug/l	28.6	2000	
Ni	60	45	He	0.316	ug/l	19.6	20000	
Cu	63	45	He	0.122	ug/l	20.3	20000	
Zn	66	45	He	1.677	ug/l	27.8	20000	
As	75	45	He	-0.085	ug/l	N/A	5000	
Se	78	45	H2	-0.019	ug/l	N/A	2000	
Sr	88	115	He	109.324	ug/l	1.4	5000	
Mo	95	115	He	0.101	ug/l	9.1	2000	
Ag	107	115	He	0.002	ug/l	537.6	100	
Cd	111	115	He	0.013	ug/l	173.2	5000	
Sn	118	115	He	0.046	ug/l	690.2	200	
Sb	121	115	He	0.033	ug/l	46.6	200	
Ba	135	159	He	286.732	ug/l	0.4	20000	
Tl	205	209	He	-0.093	ug/l	N/A	1000	
[Pb]	206	209	He	0.326	ug/l	8.7		
[Pb]	207	209	He	0.292	ug/l	0.3		
Pb	208	209	He	0.324	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1813171.92	2.5	107.4	60	125	
Sc (ISICPMS)	45	H2	991956.98	3.7	99.1	60	125	
Sc (ISICPMS)	45	He	35308.89	2.4	92.9	60	125	
Ge (IS)	74	H2	163962.76	0.5	92.9	60	125	
Ge (IS)	74	He	20693.68	3.1	91.8	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	52328.20	1.7	88.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	331140.00	1.7	92.8	60	125	
Bi (IS)	209	He	291403.87	1.2	91.6	60	125	

Sample Report

File Name 132SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:06:02

Sample Name **sd 460-233119-H-4-A@25**

Comment ---

Dilution **1.0000**

Vial # 4107

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.003	ug/l	64.2	2000	
B	11	6	No Gas	8.547	ug/l	8.0	500	
Na	23	45	He	26410.745	ug/l	6.7	500000	
Mg	24	45	He	1820.843	ug/l	4.9	500000	
Al	27	45	He	9.783	ug/l	25.5	200000	
K	39	45	He	172.137	ug/l	8.8	500000	
Ca	40	45	H2	8672.126	ug/l	2.1	500000	
Ti	47	45	He	0.153	ug/l	160.2	5000	
V	51	45	He	-0.588	ug/l	N/A	5000	
Cr	52	45	He	-0.021	ug/l	N/A	20000	
Mn	55	45	He	224.205	ug/l	1.6	10000	
Fe	56	45	H2	255.083	ug/l	0.9	500000	
Co	59	45	He	0.017	ug/l	118.0	2000	
Ni	60	45	He	0.098	ug/l	47.2	20000	
Cu	63	45	He	0.090	ug/l	67.6	20000	
Zn	66	45	He	1.335	ug/l	25.9	20000	
As	75	45	He	-0.066	ug/l	N/A	5000	
Se	78	45	H2	-0.038	ug/l	N/A	2000	
Sr	88	115	He	23.037	ug/l	6.2	5000	
Mo	95	115	He	0.015	ug/l	0.5	2000	
Ag	107	115	He	0.001	ug/l	1329.8	100	
Cd	111	115	He	0.025	ug/l	86.6	5000	
Sn	118	115	He	-0.068	ug/l	N/A	200	
Sb	121	115	He	0.044	ug/l	78.1	200	
Ba	135	159	He	61.217	ug/l	6.4	20000	
Tl	205	209	He	-0.098	ug/l	N/A	1000	
[Pb]	206	209	He	0.168	ug/l	10.1		
[Pb]	207	209	He	0.176	ug/l	19.7		
Pb	208	209	He	0.197	ug/l	21.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1882585.58	1.4	111.5	60	125	
Sc (ISICPMS)	45	H2	962362.76	2.6	96.1	60	125	
Sc (ISICPMS)	45	He	34689.62	3.4	91.3	60	125	
Ge (IS)	74	H2	162681.73	0.4	92.2	60	125	
Ge (IS)	74	He	20690.19	4.0	91.7	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	54749.35	0.5	92.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	328481.21	1.1	92.1	60	125	
Bi (IS)	209	He	295325.29	1.9	92.8	60	125	

Sample Report

File Name 133SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:08:13

Sample Name **pds 460-233075-A-1-Q**

Comment ---

Dilution **1.0000**

Vial # 2403

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	28.345	ug/l	3.4	2000	
B	11	6	No Gas	515.196	ug/l	2.1	500	>LDR 6020B
Na	23	45	He	3323.534	ug/l	1.4	500000	
Mg	24	45	He	23038.477	ug/l	1.6	500000	
Al	27	45	He	71587.399	ug/l	1.3	200000	
K	39	45	He	8763.132	ug/l	0.9	500000	
Ca	40	45	H2	13679.637	ug/l	2.1	500000	
Ti	47	45	He	1062.995	ug/l	1.0	5000	
V	51	45	He	167.027	ug/l	3.3	5000	
Cr	52	45	He	150.531	ug/l	1.2	20000	
Mn	55	45	He	3671.993	ug/l	1.3	10000	
Fe	56	45	H2	127546.692	ug/l	1.9	500000	
Co	59	45	He	69.923	ug/l	0.9	2000	
Ni	60	45	He	157.988	ug/l	1.6	20000	
Cu	63	45	He	192.743	ug/l	0.7	20000	
Zn	66	45	He	814.501	ug/l	1.5	20000	
As	75	45	He	76.999	ug/l	3.6	5000	
Se	78	45	H2	52.665	ug/l	1.9	2000	
Sr	88	115	He	150.889	ug/l	0.4	5000	
Mo	95	115	He	54.103	ug/l	0.1	2000	
Ag	107	115	He	26.755	ug/l	1.5	100	
Cd	111	115	He	27.439	ug/l	3.4	5000	
Sn	118	115	He	74.179	ug/l	1.1	200	
Sb	121	115	He	25.760	ug/l	1.9	200	
Ba	135	159	He	575.242	ug/l	1.4	20000	
Tl	205	209	He	20.343	ug/l	1.4	1000	
[Pb]	206	209	He	953.410	ug/l	1.1		
[Pb]	207	209	He	899.761	ug/l	1.0		
Pb	208	209	He	915.713	ug/l	1.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1855261.43	4.1	109.9	60	125	
Sc (ISICPMS)	45	H2	1022879.53	2.6	102.2	60	125	
Sc (ISICPMS)	45	He	38766.91	1.1	102.0	60	125	
Ge (IS)	74	H2	182152.36	1.6	103.2	60	125	
Ge (IS)	74	He	24550.60	1.0	108.9	60	125	
Kr	83	He	40.04	25.0	600.0			
In-1	115	He	55374.35	0.2	93.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	350163.39	1.4	98.2	60	125	
Bi (IS)	209	He	314766.35	0.8	98.9	60	125	

Sample Report

File Name 134SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:10:22

Sample Name **460-233075-A-1-S MS**

Comment ---

Dilution **1.0000**

Vial # 2404

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	53.345	ug/l	3.7	2000	
B	11	6	No Gas	1007.777	ug/l	4.4	500	>LDR 6020B
Na	23	45	He	6027.312	ug/l	0.5	500000	
Mg	24	45	He	23694.374	ug/l	0.7	500000	
Al	27	45	He	79946.963	ug/l	0.9	200000	
K	39	45	He	12562.818	ug/l	0.4	500000	
Ca	40	45	H2	17896.576	ug/l	1.1	500000	
Ti	47	45	He	1408.421	ug/l	1.3	5000	
V	51	45	He	222.763	ug/l	0.9	5000	
Cr	52	45	He	189.979	ug/l	0.1	20000	
Mn	55	45	He	3223.559	ug/l	1.6	10000	
Fe	56	45	H2	116065.462	ug/l	1.6	500000	
Co	59	45	He	91.121	ug/l	0.1	2000	
Ni	60	45	He	194.516	ug/l	3.6	20000	
Cu	63	45	He	234.731	ug/l	0.1	20000	
Zn	66	45	He	1120.290	ug/l	1.0	20000	
As	75	45	He	128.319	ug/l	5.3	5000	
Se	78	45	H2	101.295	ug/l	2.6	2000	
Sr	88	115	He	202.210	ug/l	2.8	5000	
Mo	95	115	He	101.813	ug/l	1.2	2000	
Ag	107	115	He	50.642	ug/l	2.4	100	
Cd	111	115	He	53.133	ug/l	3.1	5000	
Sn	118	115	He	122.994	ug/l	1.7	200	
Sb	121	115	He	25.278	ug/l	2.0	200	
Ba	135	159	He	560.125	ug/l	2.1	20000	
Tl	205	209	He	40.706	ug/l	1.4	1000	
[Pb]	206	209	He	1226.761	ug/l	1.0		
[Pb]	207	209	He	1183.801	ug/l	1.6		
Pb	208	209	He	1182.630	ug/l	1.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1957794.76	4.8	116.0	60	125	
Sc (ISICPMS)	45	H2	1089907.75	2.2	108.9	60	125	
Sc (ISICPMS)	45	He	39772.15	0.4	104.6	60	125	
Ge (IS)	74	H2	195254.13	0.8	110.6	60	125	
Ge (IS)	74	He	24640.99	1.8	109.3	60	125	
Kr	83	He	33.37	45.8	500.0			
In-1	115	He	58810.99	1.3	99.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	364968.22	0.7	102.3	60	125	
Bi (IS)	209	He	312723.76	1.6	98.3	60	125	

Sample Report

File Name 135SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:12:32

Sample Name **460-233075-A-1-R DU**

Comment ---

Dilution **1.0000**

Vial # 2405

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.706	ug/l	2.4	2000	
B	11	6	No Gas	48.152	ug/l	2.5	500	
Na	23	45	He	576.139	ug/l	0.9	500000	
Mg	24	45	He	19369.894	ug/l	3.1	500000	
Al	27	45	He	68217.620	ug/l	1.3	200000	
K	39	45	He	6513.227	ug/l	1.2	500000	
Ca	40	45	H2	10864.830	ug/l	3.3	500000	
Ti	47	45	He	1100.145	ug/l	7.2	5000	
V	51	45	He	116.357	ug/l	0.7	5000	
Cr	52	45	He	94.681	ug/l	2.6	20000	
Mn	55	45	He	3258.222	ug/l	1.7	10000	
Fe	56	45	H2	123277.751	ug/l	3.2	500000	
Co	59	45	He	45.797	ug/l	2.2	2000	
Ni	60	45	He	103.609	ug/l	1.9	20000	
Cu	63	45	He	143.313	ug/l	1.0	20000	
Zn	66	45	He	567.818	ug/l	2.6	20000	
As	75	45	He	26.207	ug/l	8.2	5000	
Se	78	45	H2	0.535	ug/l	31.3	2000	
Sr	88	115	He	96.035	ug/l	5.9	5000	
Mo	95	115	He	2.130	ug/l	5.8	2000	
Ag	107	115	He	0.297	ug/l	7.5	100	
Cd	111	115	He	1.073	ug/l	13.4	5000	
Sn	118	115	He	28.922	ug/l	6.1	200	
Sb	121	115	He	0.932	ug/l	9.0	200	
Ba	135	159	He	501.948	ug/l	2.8	20000	
Tl	205	209	He	0.400	ug/l	0.4	1000	
[Pb]	206	209	He	946.905	ug/l	1.6		
[Pb]	207	209	He	917.565	ug/l	3.9		
Pb	208	209	He	911.179	ug/l	1.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2010449.19	1.1	119.1	60	125	
Sc (ISICPMS)	45	H2	1114759.61	3.5	111.4	60	125	
Sc (ISICPMS)	45	He	40585.86	1.2	106.8	60	125	
Ge (IS)	74	H2	194685.66	2.0	110.3	60	125	
Ge (IS)	74	He	25212.49	1.8	111.8	60	125	
Kr	83	He	33.37	69.3	500.0			
In-1	115	He	59399.48	2.6	100.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	372412.78	2.2	104.4	60	125	
Bi (IS)	209	He	314552.58	1.4	98.8	60	125	

Sample Report

File Name 136SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:14:42

Sample Name **460-233075-A-1-Q**

Comment ---

Dilution **1.0000**

Vial # 2406

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.630	ug/l	3.0	2000	
B	11	6	No Gas	33.917	ug/l	5.6	500	
Na	23	45	He	607.405	ug/l	3.5	500000	
Mg	24	45	He	20783.922	ug/l	0.7	500000	
Al	27	45	He	69810.496	ug/l	1.0	200000	
K	39	45	He	6408.095	ug/l	0.8	500000	
Ca	40	45	H2	11572.895	ug/l	0.2	500000	
Ti	47	45	He	1059.865	ug/l	1.7	5000	
V	51	45	He	119.746	ug/l	2.0	5000	
Cr	52	45	He	102.353	ug/l	0.9	20000	
Mn	55	45	He	3464.780	ug/l	0.1	10000	
Fe	56	45	H2	128982.401	ug/l	1.3	500000	
Co	59	45	He	46.296	ug/l	1.5	2000	
Ni	60	45	He	109.424	ug/l	0.8	20000	
Cu	63	45	He	144.371	ug/l	0.5	20000	
Zn	66	45	He	595.275	ug/l	1.7	20000	
As	75	45	He	26.772	ug/l	1.1	5000	
Se	78	45	H2	0.649	ug/l	18.5	2000	
Sr	88	115	He	100.461	ug/l	3.3	5000	
Mo	95	115	He	2.128	ug/l	9.4	2000	
Ag	107	115	He	0.256	ug/l	9.8	100	
Cd	111	115	He	0.966	ug/l	25.6	5000	
Sn	118	115	He	21.020	ug/l	1.7	200	
Sb	121	115	He	0.824	ug/l	13.0	200	
Ba	135	159	He	522.309	ug/l	2.2	20000	
Tl	205	209	He	0.326	ug/l	9.7	1000	
[Pb]	206	209	He	935.923	ug/l	2.5		
[Pb]	207	209	He	900.903	ug/l	2.3		
Pb	208	209	He	908.964	ug/l	2.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2028027.28	4.9	120.2	60	125	
Sc (ISICPMS)	45	H2	1084007.46	2.0	108.3	60	125	
Sc (ISICPMS)	45	He	40405.35	1.5	106.3	60	125	
Ge (IS)	74	H2	194982.06	0.5	110.5	60	125	
Ge (IS)	74	He	25720.77	1.5	114.1	60	125	
Kr	83	He	40.04	75.0	600.0			
In-1	115	He	59148.19	2.2	100.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	368476.74	1.5	103.3	60	125	
Bi (IS)	209	He	318541.68	1.7	100.1	60	125	

Sample Report

File Name 137SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:16:52

Sample Name **sd 460-233075-A-1-Q@5**

Comment ---

Dilution **1.0000**

Vial # 2407

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.737	ug/l	7.8	2000	
B	11	6	No Gas	12.584	ug/l	1.3	500	
Na	23	45	He	269.440	ug/l	14.9	500000	
Mg	24	45	He	4443.108	ug/l	2.7	500000	
Al	27	45	He	14874.469	ug/l	2.4	200000	
K	39	45	He	1389.680	ug/l	4.8	500000	
Ca	40	45	H2	2568.849	ug/l	3.1	500000	
Ti	47	45	He	220.664	ug/l	5.6	5000	
V	51	45	He	25.709	ug/l	3.8	5000	
Cr	52	45	He	21.984	ug/l	3.2	20000	
Mn	55	45	He	744.597	ug/l	0.3	10000	
Fe	56	45	H2	27642.287	ug/l	5.1	500000	
Co	59	45	He	9.751	ug/l	5.2	2000	
Ni	60	45	He	22.929	ug/l	2.4	20000	
Cu	63	45	He	30.782	ug/l	1.6	20000	
Zn	66	45	He	124.949	ug/l	3.5	20000	
As	75	45	He	5.967	ug/l	11.7	5000	
Se	78	45	H2	0.173	ug/l	9.9	2000	
Sr	88	115	He	20.001	ug/l	3.1	5000	
Mo	95	115	He	0.515	ug/l	16.2	2000	
Ag	107	115	He	0.055	ug/l	10.1	100	
Cd	111	115	He	0.272	ug/l	23.1	5000	
Sn	118	115	He	4.175	ug/l	5.1	200	
Sb	121	115	He	0.219	ug/l	11.6	200	
Ba	135	159	He	106.077	ug/l	6.1	20000	
Tl	205	209	He	-0.010	ug/l	N/A	1000	
[Pb]	206	209	He	196.008	ug/l	1.6		
[Pb]	207	209	He	185.841	ug/l	2.1		
Pb	208	209	He	190.208	ug/l	0.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2082165.12	2.0	123.4	60	125	
Sc (ISICPMS)	45	H2	1079109.61	5.1	107.8	60	125	
Sc (ISICPMS)	45	He	39455.84	1.7	103.8	60	125	
Ge (IS)	74	H2	189420.44	4.0	107.3	60	125	
Ge (IS)	74	He	24089.37	3.3	106.8	60	125	
Kr	83	He	30.03	33.3	450.0			
In-1	115	He	59991.74	1.5	101.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	366513.12	2.0	102.8	60	125	
Bi (IS)	209	He	320517.13	0.5	100.7	60	125	

Continuing Calibration Verification (CCV)

File Name 138_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:19:01

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	94.921	ug/l	1.6	100	90	110	
B	11	6	No Gas	246.660	ug/l	0.6	250	225	275	
Na	23	45	He	26096.977	ug/l	2.2	25000	22500	27500	
Mg	24	45	He	25902.160	ug/l	3.0	25000	22500	27500	
Al	27	45	He	25086.527	ug/l	1.8	25000	22500	27500	
K	39	45	He	24865.000	ug/l	2.3	25000	22500	27500	
Ca	40	45	H2	24694.253	ug/l	2.0	25000	22500	27500	
Ti	47	45	He	99.337	ug/l	0.9	100	90	110	
V	51	45	He	99.665	ug/l	1.3	100	90	110	
Cr	52	45	He	96.802	ug/l	5.0	100	90	110	
Mn	55	45	He	99.589	ug/l	2.3	100	90	110	
Fe	56	45	H2	24980.853	ug/l	4.5	25000	22500	27500	
Co	59	45	He	99.050	ug/l	2.2	100	90	110	
Ni	60	45	He	98.261	ug/l	2.9	100	90	110	
Cu	63	45	He	101.405	ug/l	0.6	100	90	110	
Zn	66	45	He	249.788	ug/l	4.7	250	225	275	
As	75	45	He	99.667	ug/l	5.1	100	90	110	
Se	78	45	H2	102.905	ug/l	13.7	100	90	110	
Sr	88	115	He	98.061	ug/l	2.6	100	90	110	
Mo	95	115	He	100.794	ug/l	2.6	100	90	110	
Ag	107	115	He	50.204	ug/l	2.2	50	45	55	
Cd	111	115	He	102.260	ug/l	4.8	100	90	110	
Sn	118	115	He	102.377	ug/l	1.0	100	90	110	
Sb	121	115	He	99.659	ug/l	1.5	100	90	110	
Ba	135	159	He	102.070	ug/l	3.8	100	90	110	
Tl	205	209	He	98.407	ug/l	0.4	100	90	110	
[Pb]	206	209	He	100.303	ug/l	1.3				
[Pb]	207	209	He	99.122	ug/l	2.2				
Pb	208	209	He	98.484	ug/l	0.7	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2010789.48	1.5	119.1	60	125	
Sc (ISICPMS)	45	H2	1064113.27	5.1	106.3	60	125	
Sc (ISICPMS)	45	He	39017.80	2.1	102.6	60	125	
Ge (IS)	74	H2	185651.70	3.6	105.2	60	125	
Ge (IS)	74	He	23123.50	1.7	102.5	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	58324.80	1.8	98.7	60	125	
Tb (IS)	159	He	355621.57	0.5	99.7	60	125	
Bi (IS)	209	He	313923.42	0.6	98.6	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 139_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:21:10

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.030	ug/l	26.3	0.8	-0.8	0.8	
B	11	6	No Gas	10.758	ug/l	8.4	40	-40	40	
Na	23	45	He	158.838	ug/l	6.4	500	-500	500	
Mg	24	45	He	2.867	ug/l	16.0	200	-200	200	
Al	27	45	He	2.541	ug/l	95.1	40	-40	40	
K	39	45	He	27.119	ug/l	20.0	200	-200	200	
Ca	40	45	H2	3.453	ug/l	13.6	500	-500	500	
Ti	47	45	He	0.120	ug/l	360.3	4	-4	4	
V	51	45	He	-0.550	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.386	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.159	ug/l	77.3	8	-8	8	
Fe	56	45	H2	6.133	ug/l	2.6	60	-60	60	
Co	59	45	He	0.003	ug/l	687.9	4	-4	4	
Ni	60	45	He	0.063	ug/l	54.2	4	-4	4	
Cu	63	45	He	0.061	ug/l	75.7	4	-4	4	
Zn	66	45	He	0.781	ug/l	46.6	16	-16	16	
As	75	45	He	-0.084	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.085	ug/l	174.1	2.5	-2.5	2.5	
Sr	88	115	He	-0.013	ug/l	N/A	4	-4	4	
Mo	95	115	He	0.019	ug/l	42.7	4	-4	4	
Ag	107	115	He	0.018	ug/l	42.5	2	-2	2	
Cd	111	115	He	0.069	ug/l	50.2	2	-2	2	
Sn	118	115	He	0.237	ug/l	79.2	16	-16	16	
Sb	121	115	He	0.053	ug/l	62.2	2	-2	2	
Ba	135	159	He	-0.120	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.067	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.177	ug/l	31.2				
[Pb]	207	209	He	0.208	ug/l	14.0				
Pb	208	209	He	0.185	ug/l	17.2	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1978594.94	2.7	117.2	60	125	
Sc (ISICPMS)	45	H2	1060957.23	1.1	106.0	60	125	
Sc (ISICPMS)	45	He	39151.60	0.5	103.0	60	125	
Ge (IS)	74	H2	177633.55	1.9	100.6	60	125	
Ge (IS)	74	He	22541.76	3.1	100.0	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	59218.77	0.7	100.2	60	125	
Tb (IS)	159	He	359591.99	1.0	100.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	322877.64	1.7	101.4	60	125	

Sample Report

File Name 140SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:23:22

Sample Name **460-233050-F-2-B**

Comment ---

Dilution **1.0000**

Vial # 4210

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.057	ug/l	4.9	2000	
B	11	6	No Gas	32.343	ug/l	4.1	500	
Na	23	45	He	1629.192	ug/l	0.5	500000	
Mg	24	45	He	22839.539	ug/l	2.5	500000	
Al	27	45	He	214.425	ug/l	3.4	200000	
K	39	45	He	6128.816	ug/l	2.0	500000	
Ca	40	45	H2	62471.274	ug/l	2.4	500000	
Ti	47	45	He	14.464	ug/l	9.4	5000	
V	51	45	He	0.363	ug/l	31.4	5000	
Cr	52	45	He	0.434	ug/l	43.6	20000	
Mn	55	45	He	85.515	ug/l	2.7	10000	
Fe	56	45	H2	624.084	ug/l	1.5	500000	
Co	59	45	He	0.697	ug/l	8.2	2000	
Ni	60	45	He	1.676	ug/l	12.1	20000	
Cu	63	45	He	3.248	ug/l	7.8	20000	
Zn	66	45	He	2.890	ug/l	14.2	20000	
As	75	45	He	0.124	ug/l	118.1	5000	
Se	78	45	H2	1.861	ug/l	24.6	2000	
Sr	88	115	He	172.224	ug/l	3.3	5000	
Mo	95	115	He	0.435	ug/l	20.9	2000	
Ag	107	115	He	-0.020	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.369	ug/l	81.5	200	
Sb	121	115	He	0.601	ug/l	12.2	200	
Ba	135	159	He	16.888	ug/l	4.8	20000	
Tl	205	209	He	-0.066	ug/l	N/A	1000	
[Pb]	206	209	He	1.023	ug/l	2.0		
[Pb]	207	209	He	0.914	ug/l	5.9		
Pb	208	209	He	0.919	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1945374.24	3.1	115.3	60	125	
Sc (ISICPMS)	45	H2	983540.80	2.4	98.3	60	125	
Sc (ISICPMS)	45	He	35451.64	0.8	93.3	60	125	
Ge (IS)	74	H2	182119.20	0.8	103.2	60	125	
Ge (IS)	74	He	23216.94	1.5	102.9	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	55586.45	1.8	94.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	339284.35	1.3	95.1	60	125	
Bi (IS)	209	He	304963.92	2.9	95.8	60	125	

Sample Report

File Name 141SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:25:34

Sample Name **460-233050-F-3-B**

Comment ---

Dilution **1.0000**

Vial # 4211

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.031	ug/l	41.0	2000	
B	11	6	No Gas	108.771	ug/l	4.5	500	
Na	23	45	He	31771.936	ug/l	4.8	500000	
Mg	24	45	He	64820.970	ug/l	3.4	500000	
Al	27	45	He	60.828	ug/l	2.3	200000	
K	39	45	He	8865.651	ug/l	1.7	500000	
Ca	40	45	H2	125836.640	ug/l	3.8	500000	
Ti	47	45	He	1.715	ug/l	39.4	5000	
V	51	45	He	0.217	ug/l	144.5	5000	
Cr	52	45	He	1.234	ug/l	5.6	20000	
Mn	55	45	He	39.426	ug/l	3.4	10000	
Fe	56	45	H2	96.446	ug/l	3.7	500000	
Co	59	45	He	0.168	ug/l	28.3	2000	
Ni	60	45	He	0.960	ug/l	5.4	20000	
Cu	63	45	He	1.383	ug/l	8.9	20000	
Zn	66	45	He	8.807	ug/l	15.0	20000	
As	75	45	He	0.099	ug/l	53.6	5000	
Se	78	45	H2	4.820	ug/l	17.6	2000	
Sr	88	115	He	308.967	ug/l	1.4	5000	
Mo	95	115	He	0.263	ug/l	38.9	2000	
Ag	107	115	He	0.003	ug/l	636.5	100	
Cd	111	115	He	0.039	ug/l	101.0	5000	
Sn	118	115	He	-0.063	ug/l	N/A	200	
Sb	121	115	He	0.323	ug/l	8.2	200	
Ba	135	159	He	60.081	ug/l	3.2	20000	
Tl	205	209	He	-0.078	ug/l	N/A	1000	
[Pb]	206	209	He	0.584	ug/l	13.0		
[Pb]	207	209	He	0.509	ug/l	9.5		
Pb	208	209	He	0.550	ug/l	6.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1830430.94	1.6	108.4	60	125	
Sc (ISICPMS)	45	H2	970489.51	3.6	97.0	60	125	
Sc (ISICPMS)	45	He	34844.48	1.8	91.7	60	125	
Ge (IS)	74	H2	175052.95	1.8	99.2	60	125	
Ge (IS)	74	He	21956.86	2.2	97.4	60	125	
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	52041.59	1.4	88.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	327165.39	1.4	91.7	60	125	
Bi (IS)	209	He	291528.19	2.0	91.6	60	125	

Sample Report

File Name 142SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:27:44

Sample Name **460-233050-F-4-B**

Comment ---

Dilution **1.0000**

Vial # 4212

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.019	ug/l	58.7	2000	
B	11	6	No Gas	128.479	ug/l	2.7	500	
Na	23	45	He	12097.733	ug/l	3.0	500000	
Mg	24	45	He	92327.000	ug/l	3.4	500000	
Al	27	45	He	37.303	ug/l	18.4	200000	
K	39	45	He	11296.751	ug/l	0.4	500000	
Ca	40	45	H2	148315.626	ug/l	2.7	500000	
Ti	47	45	He	1.002	ug/l	27.1	5000	
V	51	45	He	0.634	ug/l	28.2	5000	
Cr	52	45	He	0.116	ug/l	23.5	20000	
Mn	55	45	He	93.725	ug/l	3.5	10000	
Fe	56	45	H2	98.880	ug/l	1.7	500000	
Co	59	45	He	0.142	ug/l	14.2	2000	
Ni	60	45	He	1.735	ug/l	20.0	20000	
Cu	63	45	He	1.063	ug/l	4.8	20000	
Zn	66	45	He	3.350	ug/l	9.3	20000	
As	75	45	He	0.280	ug/l	54.6	5000	
Se	78	45	H2	2.691	ug/l	2.2	2000	
Sr	88	115	He	354.081	ug/l	2.6	5000	
Mo	95	115	He	0.069	ug/l	34.3	2000	
Ag	107	115	He	-0.007	ug/l	N/A	100	
Cd	111	115	He	0.064	ug/l	122.9	5000	
Sn	118	115	He	0.032	ug/l	605.9	200	
Sb	121	115	He	0.139	ug/l	56.0	200	
Ba	135	159	He	96.490	ug/l	5.3	20000	
Tl	205	209	He	-0.079	ug/l	N/A	1000	
[Pb]	206	209	He	0.441	ug/l	14.0		
[Pb]	207	209	He	0.359	ug/l	19.4		
Pb	208	209	He	0.432	ug/l	8.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1775458.30	0.3	105.2	60	125	
Sc (ISICPMS)	45	H2	942132.08	1.7	94.1	60	125	
Sc (ISICPMS)	45	He	34953.66	2.7	91.9	60	125	
Ge (IS)	74	H2	167723.74	1.7	95.0	60	125	
Ge (IS)	74	He	21539.11	0.4	95.5	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	52211.36	2.9	88.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	328924.96	2.2	92.2	60	125	
Bi (IS)	209	He	287653.91	0.9	90.4	60	125	

Sample Report

File Name 143SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:29:54

Sample Name **460-232654-A-2-G@5**

Comment ---

Dilution **1.0000**

Vial # 2212

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.706	ug/l	11.7	2000	
B	11	6	No Gas	25.273	ug/l	5.9	500	
Na	23	45	He	12521.415	ug/l	0.8	500000	
Mg	24	45	He	15207.084	ug/l	0.7	500000	
Al	27	45	He	19516.557	ug/l	0.8	200000	
K	39	45	He	1583.778	ug/l	2.1	500000	
Ca	40	45	H2	62781.603	ug/l	0.8	500000	
Ti	47	45	He	664.130	ug/l	4.2	5000	
V	51	45	He	104.856	ug/l	1.6	5000	
Cr	52	45	He	323.564	ug/l	1.4	20000	
Mn	55	45	He	4131.050	ug/l	0.7	10000	
Fe	56	45	H2	45244.767	ug/l	2.3	500000	
Co	59	45	He	9.107	ug/l	4.3	2000	
Ni	60	45	He	75.097	ug/l	1.9	20000	
Cu	63	45	He	140.683	ug/l	2.1	20000	
Zn	66	45	He	710.047	ug/l	1.6	20000	
As	75	45	He	11.313	ug/l	4.0	5000	
Se	78	45	H2	3.087	ug/l	13.5	2000	
Sr	88	115	He	101.330	ug/l	1.3	5000	
Mo	95	115	He	26.834	ug/l	3.6	2000	
Ag	107	115	He	0.577	ug/l	4.9	100	
Cd	111	115	He	1.130	ug/l	11.9	5000	
Sn	118	115	He	15.092	ug/l	7.9	200	
Sb	121	115	He	1.476	ug/l	7.5	200	
Ba	135	159	He	224.371	ug/l	5.5	20000	
Tl	205	209	He	0.051	ug/l	33.1	1000	
[Pb]	206	209	He	172.896	ug/l	1.3		
[Pb]	207	209	He	162.134	ug/l	1.0		
Pb	208	209	He	166.340	ug/l	1.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1777367.11	4.3	105.3	60	125	
Sc (ISICPMS)	45	H2	903415.98	3.7	90.3	60	125	
Sc (ISICPMS)	45	He	33410.79	0.6	87.9	60	125	
Ge (IS)	74	H2	160438.02	1.9	90.9	60	125	
Ge (IS)	74	He	20777.17	4.4	92.1	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	50557.48	1.8	85.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	317532.69	1.8	89.0	60	125	
Bi (IS)	209	He	283084.15	1.3	88.9	60	125	

Sample Report

File Name 144SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:32:04

Sample Name **460-233075-A-2-G**

Comment ---

Dilution **1.0000**

Vial # 2501

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.197	ug/l	5.6	2000	
B	11	6	No Gas	28.372	ug/l	2.9	500	
Na	23	45	He	779.470	ug/l	7.6	500000	
Mg	24	45	He	16609.355	ug/l	3.7	500000	
Al	27	45	He	69203.516	ug/l	2.4	200000	
K	39	45	He	5855.784	ug/l	1.6	500000	
Ca	40	45	H2	6403.876	ug/l	1.2	500000	
Ti	47	45	He	1398.152	ug/l	2.9	5000	
V	51	45	He	120.062	ug/l	2.3	5000	
Cr	52	45	He	83.189	ug/l	2.7	20000	
Mn	55	45	He	2681.352	ug/l	2.1	10000	
Fe	56	45	H2	111826.490	ug/l	1.0	500000	
Co	59	45	He	38.978	ug/l	5.6	2000	
Ni	60	45	He	84.244	ug/l	3.1	20000	
Cu	63	45	He	98.180	ug/l	4.0	20000	
Zn	66	45	He	197.917	ug/l	2.8	20000	
As	75	45	He	23.224	ug/l	4.5	5000	
Se	78	45	H2	0.565	ug/l	91.0	2000	
Sr	88	115	He	39.686	ug/l	2.3	5000	
Mo	95	115	He	2.171	ug/l	10.7	2000	
Ag	107	115	He	0.060	ug/l	31.7	100	
Cd	111	115	He	0.189	ug/l	51.3	5000	
Sn	118	115	He	11.941	ug/l	2.6	200	
Sb	121	115	He	0.551	ug/l	11.0	200	
Ba	135	159	He	266.580	ug/l	1.6	20000	
Tl	205	209	He	0.324	ug/l	6.3	1000	
[Pb]	206	209	He	73.035	ug/l	1.2		
[Pb]	207	209	He	67.999	ug/l	0.7		
Pb	208	209	He	70.291	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1742152.53	1.6	103.2	60	125	
Sc (ISICPMS)	45	H2	939778.40	2.0	93.9	60	125	
Sc (ISICPMS)	45	He	33371.93	3.6	87.8	60	125	
Ge (IS)	74	H2	161809.13	0.4	91.7	60	125	
Ge (IS)	74	He	20857.43	2.6	92.5	60	125	
Kr	83	He	16.68	69.3	250.0			
In-1	115	He	49704.58	3.5	84.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	324842.25	1.3	91.1	60	125	
Bi (IS)	209	He	278769.60	1.7	87.6	60	125	

Sample Report

File Name 145SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:34:14

Sample Name **460-233075-A-3-G**

Comment ---

Dilution **1.0000**

Vial # 2502

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.255	ug/l	4.3	2000	
B	11	6	No Gas	37.392	ug/l	4.1	500	
Na	23	45	He	1040.920	ug/l	1.8	500000	
Mg	24	45	He	19479.749	ug/l	1.1	500000	
Al	27	45	He	82946.758	ug/l	2.8	200000	
K	39	45	He	5550.180	ug/l	3.4	500000	
Ca	40	45	H2	45578.325	ug/l	2.0	500000	
Ti	47	45	He	1871.434	ug/l	3.8	5000	
V	51	45	He	163.495	ug/l	1.2	5000	
Cr	52	45	He	101.290	ug/l	2.3	20000	
Mn	55	45	He	2238.300	ug/l	2.9	10000	
Fe	56	45	H2	113711.292	ug/l	2.3	500000	
Co	59	45	He	39.625	ug/l	2.3	2000	
Ni	60	45	He	87.110	ug/l	1.8	20000	
Cu	63	45	He	156.409	ug/l	2.4	20000	
Zn	66	45	He	807.229	ug/l	1.5	20000	
As	75	45	He	27.648	ug/l	1.5	5000	
Se	78	45	H2	1.358	ug/l	2.3	2000	
Sr	88	115	He	252.428	ug/l	3.7	5000	
Mo	95	115	He	3.657	ug/l	5.5	2000	
Ag	107	115	He	0.578	ug/l	3.1	100	
Cd	111	115	He	1.026	ug/l	11.9	5000	
Sn	118	115	He	56.568	ug/l	2.0	200	
Sb	121	115	He	1.581	ug/l	4.5	200	
Ba	135	159	He	1235.620	ug/l	1.5	20000	
Tl	205	209	He	0.520	ug/l	3.8	1000	
[Pb]	206	209	He	600.598	ug/l	1.8		
[Pb]	207	209	He	562.344	ug/l	1.0		
Pb	208	209	He	577.420	ug/l	0.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1743827.39	2.6	103.3	60	125	
Sc (ISICPMS)	45	H2	943651.87	1.0	94.3	60	125	
Sc (ISICPMS)	45	He	35957.36	0.9	94.6	60	125	
Ge (IS)	74	H2	170467.18	1.3	96.6	60	125	
Ge (IS)	74	He	22578.57	4.3	100.1	60	125	
Kr	83	He	16.68	91.7	250.0			
In-1	115	He	52976.32	0.5	89.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	338477.93	2.0	94.9	60	125	
Bi (IS)	209	He	293720.84	0.4	92.3	60	125	

Sample Report

File Name 146SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:36:24

Sample Name **460-233075-A-4-G**

Comment ---

Dilution **1.0000**

Vial # 2503

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.182	ug/l	1.9	2000	
B	11	6	No Gas	34.597	ug/l	3.1	500	
Na	23	45	He	757.551	ug/l	3.1	500000	
Mg	24	45	He	24052.027	ug/l	1.0	500000	
Al	27	45	He	49915.651	ug/l	0.5	200000	
K	39	45	He	5512.360	ug/l	0.6	500000	
Ca	40	45	H2	118901.225	ug/l	4.3	500000	
Ti	47	45	He	1560.349	ug/l	1.3	5000	
V	51	45	He	120.673	ug/l	0.7	5000	
Cr	52	45	He	82.882	ug/l	2.3	20000	
Mn	55	45	He	2201.171	ug/l	2.0	10000	
Fe	56	45	H2	91811.575	ug/l	2.8	500000	
Co	59	45	He	30.504	ug/l	1.9	2000	
Ni	60	45	He	77.912	ug/l	1.2	20000	
Cu	63	45	He	233.364	ug/l	2.1	20000	
Zn	66	45	He	597.148	ug/l	1.4	20000	
As	75	45	He	17.813	ug/l	4.8	5000	
Se	78	45	H2	0.766	ug/l	35.1	2000	
Sr	88	115	He	399.184	ug/l	2.8	5000	
Mo	95	115	He	2.327	ug/l	8.2	2000	
Ag	107	115	He	0.369	ug/l	13.3	100	
Cd	111	115	He	1.462	ug/l	10.9	5000	
Sn	118	115	He	18.961	ug/l	7.4	200	
Sb	121	115	He	3.468	ug/l	2.5	200	
Ba	135	159	He	681.503	ug/l	0.6	20000	
Tl	205	209	He	0.269	ug/l	12.8	1000	
[Pb]	206	209	He	531.869	ug/l	1.4		
[Pb]	207	209	He	485.336	ug/l	2.0		
Pb	208	209	He	504.797	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1845488.74	3.2	109.3	60	125	
Sc (ISICPMS)	45	H2	964179.59	1.9	96.3	60	125	
Sc (ISICPMS)	45	He	34964.64	0.6	92.0	60	125	
Ge (IS)	74	H2	168752.77	2.8	95.6	60	125	
Ge (IS)	74	He	21733.13	1.9	96.4	60	125	
Kr	83	He	30.03	57.7	450.0			
In-1	115	He	51523.70	1.5	87.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	329709.01	0.6	92.4	60	125	
Bi (IS)	209	He	288075.31	1.8	90.5	60	125	

Sample Report

File Name 147SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:38:35

Sample Name **460-233075-A-5-G**

Comment ---

Dilution **1.0000**

Vial # 2504

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.249	ug/l	1.8	2000	
B	11	6	No Gas	29.901	ug/l	2.1	500	
Na	23	45	He	1176.834	ug/l	3.5	500000	
Mg	24	45	He	19895.828	ug/l	1.5	500000	
Al	27	45	He	101417.707	ug/l	2.8	200000	
K	39	45	He	5517.255	ug/l	4.3	500000	
Ca	40	45	H2	41199.035	ug/l	3.7	500000	
Ti	47	45	He	2297.118	ug/l	1.8	5000	
V	51	45	He	183.151	ug/l	1.7	5000	
Cr	52	45	He	173.461	ug/l	1.1	20000	
Mn	55	45	He	2607.126	ug/l	1.4	10000	
Fe	56	45	H2	129936.732	ug/l	2.7	500000	
Co	59	45	He	47.843	ug/l	1.6	2000	
Ni	60	45	He	97.900	ug/l	0.3	20000	
Cu	63	45	He	135.265	ug/l	1.1	20000	
Zn	66	45	He	326.948	ug/l	1.8	20000	
As	75	45	He	26.183	ug/l	3.8	5000	
Se	78	45	H2	1.776	ug/l	13.7	2000	
Sr	88	115	He	305.677	ug/l	3.6	5000	
Mo	95	115	He	3.351	ug/l	6.6	2000	
Ag	107	115	He	0.927	ug/l	3.7	100	
Cd	111	115	He	0.580	ug/l	20.7	5000	
Sn	118	115	He	21.483	ug/l	3.8	200	
Sb	121	115	He	1.238	ug/l	11.2	200	
Ba	135	159	He	768.993	ug/l	1.6	20000	
Tl	205	209	He	0.617	ug/l	4.0	1000	
[Pb]	206	209	He	715.320	ug/l	0.7		
[Pb]	207	209	He	658.910	ug/l	0.2		
Pb	208	209	He	686.394	ug/l	0.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1872727.82	0.3	111.0	60	125	
Sc (ISICPMS)	45	H2	1059293.59	0.1	105.8	60	125	
Sc (ISICPMS)	45	He	39181.64	1.0	103.1	60	125	
Ge (IS)	74	H2	185302.49	0.5	105.0	60	125	
Ge (IS)	74	He	24012.54	1.3	106.5	60	125	
Kr	83	He	46.71	68.9	700.0			
In-1	115	He	56403.07	2.2	95.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	355138.64	1.3	99.6	60	125	
Bi (IS)	209	He	306184.16	0.5	96.2	60	125	

Sample Report

File Name 148SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:40:46

Sample Name **460-233075-A-6-G**

Comment ---

Dilution **1.0000**

Vial # 2505

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.275	ug/l	1.5	2000	
B	11	6	No Gas	23.571	ug/l	3.5	500	
Na	23	45	He	961.041	ug/l	6.4	500000	
Mg	24	45	He	13666.553	ug/l	3.0	500000	
Al	27	45	He	84840.130	ug/l	2.4	200000	
K	39	45	He	4308.736	ug/l	2.6	500000	
Ca	40	45	H2	11758.930	ug/l	0.6	500000	
Ti	47	45	He	1478.093	ug/l	1.5	5000	
V	51	45	He	144.491	ug/l	0.3	5000	
Cr	52	45	He	87.343	ug/l	3.6	20000	
Mn	55	45	He	2093.240	ug/l	0.5	10000	
Fe	56	45	H2	100991.066	ug/l	0.7	500000	
Co	59	45	He	34.574	ug/l	4.3	2000	
Ni	60	45	He	77.665	ug/l	3.7	20000	
Cu	63	45	He	105.063	ug/l	1.4	20000	
Zn	66	45	He	264.731	ug/l	1.8	20000	
As	75	45	He	37.920	ug/l	3.5	5000	
Se	78	45	H2	3.006	ug/l	3.2	2000	
Sr	88	115	He	97.409	ug/l	2.1	5000	
Mo	95	115	He	3.448	ug/l	5.1	2000	
Ag	107	115	He	0.532	ug/l	5.6	100	
Cd	111	115	He	0.506	ug/l	11.7	5000	
Sn	118	115	He	19.424	ug/l	3.7	200	
Sb	121	115	He	1.909	ug/l	8.4	200	
Ba	135	159	He	450.122	ug/l	2.4	20000	
Tl	205	209	He	0.610	ug/l	2.7	1000	
[Pb]	206	209	He	840.066	ug/l	1.6		
[Pb]	207	209	He	793.845	ug/l	2.2		
Pb	208	209	He	797.594	ug/l	2.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2002404.55	0.2	118.6	60	125	
Sc (ISICPMS)	45	H2	1049915.41	1.6	104.9	60	125	
Sc (ISICPMS)	45	He	39730.92	2.0	104.5	60	125	
Ge (IS)	74	H2	188061.24	1.7	106.5	60	125	
Ge (IS)	74	He	25710.64	1.5	114.0	60	125	
Kr	83	He	26.69	57.3	400.0			
In-1	115	He	57796.08	1.0	97.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	364240.40	2.3	102.1	60	125	
Bi (IS)	209	He	317895.19	1.8	99.9	60	125	

Sample Report

File Name 149SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:42:55

Sample Name **460-233075-A-7-G**

Comment ---

Dilution **1.0000**

Vial # 2506

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.121	ug/l	0.4	2000	
B	11	6	No Gas	27.246	ug/l	3.1	500	
Na	23	45	He	581.165	ug/l	2.5	500000	
Mg	24	45	He	15640.794	ug/l	1.4	500000	
Al	27	45	He	80654.992	ug/l	2.3	200000	
K	39	45	He	4822.699	ug/l	1.0	500000	
Ca	40	45	H2	7614.139	ug/l	4.5	500000	
Ti	47	45	He	2215.225	ug/l	0.5	5000	
V	51	45	He	160.870	ug/l	0.4	5000	
Cr	52	45	He	100.946	ug/l	2.1	20000	
Mn	55	45	He	2076.988	ug/l	2.0	10000	
Fe	56	45	H2	118784.984	ug/l	4.9	500000	
Co	59	45	He	40.419	ug/l	1.4	2000	
Ni	60	45	He	83.259	ug/l	1.8	20000	
Cu	63	45	He	94.360	ug/l	1.7	20000	
Zn	66	45	He	232.807	ug/l	3.4	20000	
As	75	45	He	25.643	ug/l	3.6	5000	
Se	78	45	H2	1.063	ug/l	22.4	2000	
Sr	88	115	He	83.143	ug/l	3.9	5000	
Mo	95	115	He	4.029	ug/l	1.7	2000	
Ag	107	115	He	0.189	ug/l	5.8	100	
Cd	111	115	He	0.532	ug/l	33.6	5000	
Sn	118	115	He	13.971	ug/l	2.4	200	
Sb	121	115	He	0.775	ug/l	3.4	200	
Ba	135	159	He	318.172	ug/l	0.5	20000	
Tl	205	209	He	0.531	ug/l	6.2	1000	
[Pb]	206	209	He	209.091	ug/l	1.5		
[Pb]	207	209	He	198.827	ug/l	1.5		
Pb	208	209	He	201.138	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2026586.31	2.0	120.1	60	125	
Sc (ISICPMS)	45	H2	1104490.44	3.0	110.3	60	125	
Sc (ISICPMS)	45	He	40528.93	1.4	106.6	60	125	
Ge (IS)	74	H2	191848.71	1.2	108.7	60	125	
Ge (IS)	74	He	25048.68	1.2	111.1	60	125	
Kr	83	He	36.70	31.5	550.0			
In-1	115	He	58922.88	1.8	99.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	367305.86	1.0	103.0	60	125	
Bi (IS)	209	He	311502.30	0.8	97.9	60	125	

Continuing Calibration Verification (CCV)

File Name 150_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:45:06

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	94.799	ug/l	3.2	100	90	110	
B	11	6	No Gas	244.112	ug/l	1.9	250	225	275	
Na	23	45	He	26937.901	ug/l	1.4	25000	22500	27500	
Mg	24	45	He	26537.070	ug/l	2.3	25000	22500	27500	
Al	27	45	He	25549.380	ug/l	0.7	25000	22500	27500	
K	39	45	He	25473.643	ug/l	4.0	25000	22500	27500	
Ca	40	45	H2	24588.548	ug/l	1.2	25000	22500	27500	
Ti	47	45	He	100.072	ug/l	8.5	100	90	110	
V	51	45	He	100.441	ug/l	0.3	100	90	110	
Cr	52	45	He	101.029	ug/l	0.7	100	90	110	
Mn	55	45	He	99.507	ug/l	2.6	100	90	110	
Fe	56	45	H2	25295.612	ug/l	1.3	25000	22500	27500	
Co	59	45	He	102.555	ug/l	0.6	100	90	110	
Ni	60	45	He	102.519	ug/l	2.8	100	90	110	
Cu	63	45	He	102.615	ug/l	0.9	100	90	110	
Zn	66	45	He	253.477	ug/l	1.4	250	225	275	
As	75	45	He	103.571	ug/l	1.7	100	90	110	
Se	78	45	H2	102.509	ug/l	2.7	100	90	110	
Sr	88	115	He	96.354	ug/l	2.4	100	90	110	
Mo	95	115	He	99.311	ug/l	1.9	100	90	110	
Ag	107	115	He	50.734	ug/l	0.6	50	45	55	
Cd	111	115	He	99.316	ug/l	1.1	100	90	110	
Sn	118	115	He	101.045	ug/l	1.0	100	90	110	
Sb	121	115	He	100.323	ug/l	0.6	100	90	110	
Ba	135	159	He	98.984	ug/l	2.1	100	90	110	
Tl	205	209	He	102.048	ug/l	4.0	100	90	110	
[Pb]	206	209	He	103.135	ug/l	1.4				
[Pb]	207	209	He	101.287	ug/l	5.0				
Pb	208	209	He	101.251	ug/l	2.2	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2002744.85	2.4	118.7	60	125	
Sc (ISICPMS)	45	H2	1070336.86	5.5	106.9	60	125	
Sc (ISICPMS)	45	He	37694.26	0.5	99.2	60	125	
Ge (IS)	74	H2	180948.93	1.0	102.5	60	125	
Ge (IS)	74	He	23049.80	2.7	102.2	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	57559.96	1.2	97.4	60	125	
Tb (IS)	159	He	353368.50	0.5	99.1	60	125	
Bi (IS)	209	He	304928.71	1.5	95.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 151_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:47:15

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.034	ug/l	22.0	0.8	-0.8	0.8	
B	11	6	No Gas	8.001	ug/l	7.0	40	-40	40	
Na	23	45	He	100.206	ug/l	14.9	500	-500	500	
Mg	24	45	He	4.542	ug/l	7.3	200	-200	200	
Al	27	45	He	3.471	ug/l	39.9	40	-40	40	
K	39	45	He	8.764	ug/l	198.0	200	-200	200	
Ca	40	45	H2	4.206	ug/l	15.0	500	-500	500	
Ti	47	45	He	-0.130	ug/l	N/A	4	-4	4	
V	51	45	He	-0.306	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.347	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.003	ug/l	5162.8	8	-8	8	
Fe	56	45	H2	8.557	ug/l	1.5	60	-60	60	
Co	59	45	He	-0.005	ug/l	N/A	4	-4	4	
Ni	60	45	He	-0.090	ug/l	N/A	4	-4	4	
Cu	63	45	He	-0.009	ug/l	N/A	4	-4	4	
Zn	66	45	He	0.717	ug/l	15.2	16	-16	16	
As	75	45	He	-0.080	ug/l	N/A	2	-2	2	
Se	78	45	H2	-0.063	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	0.015	ug/l	550.9	4	-4	4	
Mo	95	115	He	0.029	ug/l	50.6	4	-4	4	
Ag	107	115	He	0.013	ug/l	80.7	2	-2	2	
Cd	111	115	He	0.035	ug/l	100.4	2	-2	2	
Sn	118	115	He	0.032	ug/l	297.4	16	-16	16	
Sb	121	115	He	0.039	ug/l	52.3	2	-2	2	
Ba	135	159	He	-0.120	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.060	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.123	ug/l	19.2				
[Pb]	207	209	He	0.117	ug/l	28.6				
Pb	208	209	He	0.145	ug/l	13.3	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2037964.76	3.3	120.7	60	125	
Sc (ISICPMS)	45	H2	1042446.43	1.9	104.1	60	125	
Sc (ISICPMS)	45	He	38504.28	0.7	101.3	60	125	
Ge (IS)	74	H2	173755.19	3.1	98.4	60	125	
Ge (IS)	74	He	21866.71	3.4	97.0	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	58018.64	0.7	98.2	60	125	
Tb (IS)	159	He	355857.37	0.9	99.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	316158.39	0.0	99.3	60	125	

Sample Report

File Name 152SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:49:27

Sample Name **460-232845-E-3-B**

Comment ---

Dilution **1.0000**

Vial # 3110

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.050	ug/l	26.5	2000	
B	11	6	No Gas	197.822	ug/l	2.1	500	
Na	23	45	He	23999.393	ug/l	1.9	500000	
Mg	24	45	He	25232.855	ug/l	1.9	500000	
Al	27	45	He	480.379	ug/l	4.8	200000	
K	39	45	He	3413.800	ug/l	0.5	500000	
Ca	40	45	H2	79639.311	ug/l	2.1	500000	
Ti	47	45	He	10.166	ug/l	29.6	5000	
V	51	45	He	3.846	ug/l	5.2	5000	
Cr	52	45	He	1.685	ug/l	9.1	20000	
Mn	55	45	He	856.046	ug/l	0.4	10000	
Fe	56	45	H2	931.671	ug/l	4.3	500000	
Co	59	45	He	0.719	ug/l	4.6	2000	
Ni	60	45	He	6.791	ug/l	4.0	20000	
Cu	63	45	He	30.478	ug/l	2.2	20000	
Zn	66	45	He	91.123	ug/l	2.9	20000	
As	75	45	He	0.858	ug/l	24.3	5000	
Se	78	45	H2	0.041	ug/l	146.6	2000	
Sr	88	115	He	522.512	ug/l	1.9	5000	
Mo	95	115	He	1.323	ug/l	0.8	2000	
Ag	107	115	He	0.025	ug/l	43.2	100	
Cd	111	115	He	0.153	ug/l	86.4	5000	
Sn	118	115	He	0.610	ug/l	20.4	200	
Sb	121	115	He	0.412	ug/l	8.1	200	
Ba	135	159	He	126.318	ug/l	4.7	20000	
Tl	205	209	He	-0.079	ug/l	N/A	1000	
[Pb]	206	209	He	4.770	ug/l	3.8		
[Pb]	207	209	He	4.522	ug/l	2.9		
Pb	208	209	He	4.620	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1948165.67	1.8	115.4	60	125	
Sc (ISICPMS)	45	H2	992196.94	1.4	99.1	60	125	
Sc (ISICPMS)	45	He	34915.90	1.6	91.8	60	125	
Ge (IS)	74	H2	173170.52	1.4	98.1	60	125	
Ge (IS)	74	He	21104.75	1.8	93.6	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	53216.21	0.6	90.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	329602.67	3.4	92.4	60	125	
Bi (IS)	209	He	290879.62	1.3	91.4	60	125	

Sample Report

File Name 153SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:51:37

Sample Name **460-232845-E-4-B**

Comment ---

Dilution **1.0000**

Vial # 3111

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.043	ug/l	31.2	2000	
B	11	6	No Gas	238.409	ug/l	3.3	500	
Na	23	45	He	27425.237	ug/l	2.9	500000	
Mg	24	45	He	29194.802	ug/l	0.9	500000	
Al	27	45	He	167.754	ug/l	6.4	200000	
K	39	45	He	3901.422	ug/l	2.5	500000	
Ca	40	45	H2	87868.464	ug/l	1.6	500000	
Ti	47	45	He	2.705	ug/l	70.9	5000	
V	51	45	He	3.488	ug/l	6.9	5000	
Cr	52	45	He	0.309	ug/l	10.9	20000	
Mn	55	45	He	827.386	ug/l	2.4	10000	
Fe	56	45	H2	574.381	ug/l	2.5	500000	
Co	59	45	He	0.336	ug/l	7.3	2000	
Ni	60	45	He	1.131	ug/l	20.9	20000	
Cu	63	45	He	2.736	ug/l	2.8	20000	
Zn	66	45	He	9.498	ug/l	6.3	20000	
As	75	45	He	0.660	ug/l	24.7	5000	
Se	78	45	H2	0.049	ug/l	256.2	2000	
Sr	88	115	He	602.125	ug/l	2.4	5000	
Mo	95	115	He	1.043	ug/l	5.6	2000	
Ag	107	115	He	-0.018	ug/l	N/A	100	
Cd	111	115	He	0.106	ug/l	79.6	5000	
Sn	118	115	He	0.165	ug/l	80.0	200	
Sb	121	115	He	0.236	ug/l	34.1	200	
Ba	135	159	He	133.622	ug/l	2.7	20000	
Tl	205	209	He	-0.082	ug/l	N/A	1000	
[Pb]	206	209	He	2.439	ug/l	4.1		
[Pb]	207	209	He	2.245	ug/l	3.1		
Pb	208	209	He	2.259	ug/l	2.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1810093.34	2.6	107.2	60	125	
Sc (ISICPMS)	45	H2	950528.62	1.2	95.0	60	125	
Sc (ISICPMS)	45	He	33242.62	2.0	87.4	60	125	
Ge (IS)	74	H2	171336.72	1.3	97.1	60	125	
Ge (IS)	74	He	21565.84	2.5	95.6	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	51529.02	1.7	87.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	323024.23	0.6	90.6	60	125	
Bi (IS)	209	He	286538.80	0.2	90.0	60	125	

Sample Report

File Name 154SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:53:47

Sample Name **460-232845-E-5-B**

Comment ---

Dilution **1.0000**

Vial # 3112

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.006	ug/l	266.4	2000	
B	11	6	No Gas	91.866	ug/l	1.0	500	
Na	23	45	He	15224.714	ug/l	0.7	500000	
Mg	24	45	He	5238.886	ug/l	1.2	500000	
Al	27	45	He	23.679	ug/l	19.8	200000	
K	39	45	He	872.799	ug/l	2.3	500000	
Ca	40	45	H2	30256.861	ug/l	6.1	500000	
Ti	47	45	He	0.298	ug/l	2.6	5000	
V	51	45	He	1.464	ug/l	11.4	5000	
Cr	52	45	He	0.204	ug/l	66.0	20000	
Mn	55	45	He	97.761	ug/l	1.8	10000	
Fe	56	45	H2	445.282	ug/l	3.2	500000	
Co	59	45	He	0.166	ug/l	6.4	2000	
Ni	60	45	He	1.825	ug/l	9.8	20000	
Cu	63	45	He	11.638	ug/l	2.4	20000	
Zn	66	45	He	6.209	ug/l	11.2	20000	
As	75	45	He	0.071	ug/l	226.2	5000	
Se	78	45	H2	0.398	ug/l	36.9	2000	
Sr	88	115	He	168.351	ug/l	1.4	5000	
Mo	95	115	He	0.415	ug/l	30.4	2000	
Ag	107	115	He	-0.012	ug/l	N/A	100	
Cd	111	115	He	0.173	ug/l	70.1	5000	
Sn	118	115	He	0.275	ug/l	115.7	200	
Sb	121	115	He	0.454	ug/l	8.2	200	
Ba	135	159	He	40.866	ug/l	2.1	20000	
Tl	205	209	He	-0.079	ug/l	N/A	1000	
[Pb]	206	209	He	0.470	ug/l	0.3		
[Pb]	207	209	He	0.382	ug/l	9.1		
Pb	208	209	He	0.443	ug/l	2.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1823109.42	0.7	108.0	60	125	
Sc (ISICPMS)	45	H2	929753.62	3.0	92.9	60	125	
Sc (ISICPMS)	45	He	34578.22	1.8	91.0	60	125	
Ge (IS)	74	H2	168455.11	0.6	95.4	60	125	
Ge (IS)	74	He	21619.41	3.0	95.9	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	50985.84	1.1	86.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	326297.75	0.8	91.5	60	125	
Bi (IS)	209	He	293556.34	1.5	92.2	60	125	

Sample Report

File Name 155SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:55:59

Sample Name **460-232845-E-11-B**

Comment ---

Dilution **1.0000**

Vial # 3201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.014	ug/l	200.3	2000	
B	11	6	No Gas	78.282	ug/l	4.5	500	
Na	23	45	He	28664.646	ug/l	2.6	500000	
Mg	24	45	He	5750.318	ug/l	2.8	500000	
Al	27	45	He	37.104	ug/l	21.2	200000	
K	39	45	He	175.056	ug/l	12.8	500000	
Ca	40	45	H2	50205.622	ug/l	2.2	500000	
Ti	47	45	He	0.439	ug/l	112.2	5000	
V	51	45	He	0.182	ug/l	47.3	5000	
Cr	52	45	He	0.299	ug/l	128.1	20000	
Mn	55	45	He	210.136	ug/l	3.2	10000	
Fe	56	45	H2	845.202	ug/l	2.3	500000	
Co	59	45	He	0.731	ug/l	4.1	2000	
Ni	60	45	He	1.365	ug/l	13.9	20000	
Cu	63	45	He	1.560	ug/l	8.6	20000	
Zn	66	45	He	4.224	ug/l	10.4	20000	
As	75	45	He	0.755	ug/l	27.9	5000	
Se	78	45	H2	4.469	ug/l	20.9	2000	
Sr	88	115	He	255.991	ug/l	2.8	5000	
Mo	95	115	He	0.107	ug/l	22.6	2000	
Ag	107	115	He	-0.011	ug/l	N/A	100	
Cd	111	115	He	0.065	ug/l	124.7	5000	
Sn	118	115	He	-0.022	ug/l	N/A	200	
Sb	121	115	He	0.154	ug/l	37.8	200	
Ba	135	159	He	32.021	ug/l	0.3	20000	
Tl	205	209	He	-0.093	ug/l	N/A	1000	
[Pb]	206	209	He	0.344	ug/l	9.6		
[Pb]	207	209	He	0.297	ug/l	4.4		
Pb	208	209	He	0.305	ug/l	2.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1813347.39	3.7	107.4	60	125	
Sc (ISICPMS)	45	H2	965583.92	2.9	96.5	60	125	
Sc (ISICPMS)	45	He	34552.38	1.1	90.9	60	125	
Ge (IS)	74	H2	164862.73	3.8	93.4	60	125	
Ge (IS)	74	He	21305.17	2.4	94.5	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	52045.79	0.6	88.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	332324.13	1.6	93.2	60	125	
Bi (IS)	209	He	289750.01	1.1	91.0	60	125	

Sample Report

File Name 156SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 13:58:09

Sample Name **460-232845-E-13-B**

Comment ---

Dilution **1.0000**

Vial # 3202

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.013	ug/l	73.8	2000	
B	11	6	No Gas	155.495	ug/l	0.3	500	
Na	23	45	He	75609.678	ug/l	2.3	500000	
Mg	24	45	He	51284.281	ug/l	3.3	500000	
Al	27	45	He	29.747	ug/l	18.3	200000	
K	39	45	He	2791.073	ug/l	3.0	500000	
Ca	40	45	H2	154633.125	ug/l	2.3	500000	
Ti	47	45	He	0.310	ug/l	142.7	5000	
V	51	45	He	7.710	ug/l	10.7	5000	
Cr	52	45	He	-0.055	ug/l	N/A	20000	
Mn	55	45	He	117.577	ug/l	3.2	10000	
Fe	56	45	H2	98.845	ug/l	1.9	500000	
Co	59	45	He	0.727	ug/l	16.1	2000	
Ni	60	45	He	2.239	ug/l	5.9	20000	
Cu	63	45	He	4.025	ug/l	5.5	20000	
Zn	66	45	He	3.410	ug/l	14.4	20000	
As	75	45	He	0.789	ug/l	12.8	5000	
Se	78	45	H2	0.071	ug/l	60.3	2000	
Sr	88	115	He	772.537	ug/l	3.9	5000	
Mo	95	115	He	0.262	ug/l	21.8	2000	
Ag	107	115	He	-0.013	ug/l	N/A	100	
Cd	111	115	He	0.109	ug/l	46.1	5000	
Sn	118	115	He	0.320	ug/l	14.9	200	
Sb	121	115	He	0.096	ug/l	21.1	200	
Ba	135	159	He	289.602	ug/l	3.4	20000	
Tl	205	209	He	-0.087	ug/l	N/A	1000	
[Pb]	206	209	He	0.525	ug/l	5.0		
[Pb]	207	209	He	0.447	ug/l	14.3		
Pb	208	209	He	0.495	ug/l	2.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1769630.88	1.2	104.8	60	125	
Sc (ISICPMS)	45	H2	946183.69	2.9	94.5	60	125	
Sc (ISICPMS)	45	He	33493.29	1.5	88.1	60	125	
Ge (IS)	74	H2	165543.44	0.3	93.8	60	125	
Ge (IS)	74	He	21024.41	2.7	93.2	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	50095.54	2.6	84.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	315229.26	2.1	88.4	60	125	
Bi (IS)	209	He	277733.95	2.0	87.3	60	125	

Sample Report

File Name 157SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:00:19

Sample Name **460-232845-E-14-B**

Comment ---

Dilution **1.0000**

Vial # 3203

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.003	ug/l	565.3	2000	
B	11	6	No Gas	154.309	ug/l	5.3	500	
Na	23	45	He	74955.845	ug/l	1.6	500000	
Mg	24	45	He	50745.000	ug/l	3.5	500000	
Al	27	45	He	29.377	ug/l	7.4	200000	
K	39	45	He	2793.083	ug/l	2.4	500000	
Ca	40	45	H2	157776.197	ug/l	0.5	500000	
Ti	47	45	He	0.597	ug/l	112.8	5000	
V	51	45	He	7.739	ug/l	2.0	5000	
Cr	52	45	He	0.131	ug/l	152.9	20000	
Mn	55	45	He	116.622	ug/l	1.6	10000	
Fe	56	45	H2	95.868	ug/l	1.3	500000	
Co	59	45	He	0.744	ug/l	1.7	2000	
Ni	60	45	He	2.459	ug/l	15.1	20000	
Cu	63	45	He	3.923	ug/l	6.6	20000	
Zn	66	45	He	3.616	ug/l	4.3	20000	
As	75	45	He	0.657	ug/l	40.5	5000	
Se	78	45	H2	0.159	ug/l	114.5	2000	
Sr	88	115	He	785.081	ug/l	0.2	5000	
Mo	95	115	He	0.199	ug/l	12.8	2000	
Ag	107	115	He	0.006	ug/l	203.9	100	
Cd	111	115	He	0.083	ug/l	99.8	5000	
Sn	118	115	He	0.286	ug/l	99.8	200	
Sb	121	115	He	0.103	ug/l	19.4	200	
Ba	135	159	He	292.277	ug/l	1.1	20000	
Tl	205	209	He	-0.088	ug/l	N/A	1000	
[Pb]	206	209	He	0.375	ug/l	8.9		
[Pb]	207	209	He	0.375	ug/l	2.6		
Pb	208	209	He	0.378	ug/l	5.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1791914.49	4.1	106.2	60	125	
Sc (ISICPMS)	45	H2	928470.77	0.8	92.8	60	125	
Sc (ISICPMS)	45	He	33829.67	2.2	89.0	60	125	
Ge (IS)	74	H2	166169.82	1.5	94.1	60	125	
Ge (IS)	74	He	21415.42	3.0	95.0	60	125	
Kr	83	He	10.01	NaN	150.0			
In-1	115	He	48939.26	0.3	82.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	311113.22	1.1	87.2	60	125	
Bi (IS)	209	He	281548.47	1.4	88.5	60	125	

Sample Report

File Name 158SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:02:29

Sample Name **460-232845-E-15-B**

Comment ---

Dilution **1.0000**

Vial # 3204

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.013	ug/l	74.1	2000	
B	11	6	No Gas	153.932	ug/l	3.9	500	
Na	23	45	He	75763.222	ug/l	0.6	500000	
Mg	24	45	He	51321.590	ug/l	1.2	500000	
Al	27	45	He	44.718	ug/l	11.0	200000	
K	39	45	He	2787.439	ug/l	1.9	500000	
Ca	40	45	H2	154851.382	ug/l	0.9	500000	
Ti	47	45	He	1.222	ug/l	36.2	5000	
V	51	45	He	8.622	ug/l	3.5	5000	
Cr	52	45	He	0.226	ug/l	41.7	20000	
Mn	55	45	He	110.037	ug/l	1.0	10000	
Fe	56	45	H2	98.733	ug/l	1.4	500000	
Co	59	45	He	0.781	ug/l	7.7	2000	
Ni	60	45	He	3.030	ug/l	16.1	20000	
Cu	63	45	He	4.055	ug/l	0.8	20000	
Zn	66	45	He	4.414	ug/l	6.1	20000	
As	75	45	He	0.588	ug/l	48.1	5000	
Se	78	45	H2	-0.007	ug/l	N/A	2000	
Sr	88	115	He	719.660	ug/l	0.9	5000	
Mo	95	115	He	0.176	ug/l	19.2	2000	
Ag	107	115	He	0.001	ug/l	1056.9	100	
Cd	111	115	He	0.013	ug/l	173.2	5000	
Sn	118	115	He	-0.148	ug/l	N/A	200	
Sb	121	115	He	0.126	ug/l	16.1	200	
Ba	135	159	He	268.300	ug/l	1.7	20000	
Tl	205	209	He	-0.087	ug/l	N/A	1000	
[Pb]	206	209	He	0.583	ug/l	18.6		
[Pb]	207	209	He	0.528	ug/l	18.1		
Pb	208	209	He	0.578	ug/l	5.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1799384.90	3.7	106.6	60	125	
Sc (ISICPMS)	45	H2	910381.81	2.5	90.9	60	125	
Sc (ISICPMS)	45	He	32741.48	0.8	86.1	60	125	
Ge (IS)	74	H2	164399.07	1.6	93.1	60	125	
Ge (IS)	74	He	20389.51	5.1	90.4	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	50466.98	0.8	85.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	319000.40	2.0	89.4	60	125	
Bi (IS)	209	He	278081.39	1.9	87.4	60	125	

Sample Report

File Name 159SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:04:40

Sample Name **460-232845-E-16-B**

Comment ---

Dilution **1.0000**

Vial # 3205

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.022	ug/l	77.1	2000	
B	11	6	No Gas	150.373	ug/l	4.0	500	
Na	23	45	He	87607.140	ug/l	1.7	500000	
Mg	24	45	He	52417.899	ug/l	1.4	500000	
Al	27	45	He	43.476	ug/l	12.0	200000	
K	39	45	He	2813.572	ug/l	1.3	500000	
Ca	40	45	H2	154316.325	ug/l	0.6	500000	
Ti	47	45	He	0.763	ug/l	59.0	5000	
V	51	45	He	8.648	ug/l	3.9	5000	
Cr	52	45	He	0.130	ug/l	143.6	20000	
Mn	55	45	He	106.317	ug/l	3.9	10000	
Fe	56	45	H2	103.828	ug/l	2.2	500000	
Co	59	45	He	0.754	ug/l	3.7	2000	
Ni	60	45	He	2.814	ug/l	1.7	20000	
Cu	63	45	He	3.735	ug/l	10.6	20000	
Zn	66	45	He	4.385	ug/l	10.0	20000	
As	75	45	He	0.712	ug/l	28.4	5000	
Se	78	45	H2	0.077	ug/l	129.9	2000	
Sr	88	115	He	754.221	ug/l	2.0	5000	
Mo	95	115	He	0.188	ug/l	27.5	2000	
Ag	107	115	He	-0.013	ug/l	N/A	100	
Cd	111	115	He	0.068	ug/l	36.1	5000	
Sn	118	115	He	0.225	ug/l	67.1	200	
Sb	121	115	He	0.140	ug/l	9.2	200	
Ba	135	159	He	293.597	ug/l	3.9	20000	
Tl	205	209	He	-0.082	ug/l	N/A	1000	
[Pb]	206	209	He	0.545	ug/l	8.3		
[Pb]	207	209	He	0.550	ug/l	11.0		
Pb	208	209	He	0.548	ug/l	1.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1804840.17	4.0	106.9	60	125	
Sc (ISICPMS)	45	H2	920178.95	0.9	91.9	60	125	
Sc (ISICPMS)	45	He	33233.62	1.7	87.4	60	125	
Ge (IS)	74	H2	164366.18	0.3	93.1	60	125	
Ge (IS)	74	He	20780.46	1.1	92.1	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	50286.68	2.0	85.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	313212.97	1.6	87.8	60	125	
Bi (IS)	209	He	278538.78	1.1	87.5	60	125	

Sample Report

File Name 160SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:06:49

Sample Name **460-233075-A-8-G**

Comment ---

Dilution **1.0000**

Vial # 2507

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.853	ug/l	4.5	2000	
B	11	6	No Gas	52.693	ug/l	3.6	500	
Na	23	45	He	2071.219	ug/l	0.8	500000	
Mg	24	45	He	34782.295	ug/l	2.1	500000	
Al	27	45	He	67256.431	ug/l	0.4	200000	
K	39	45	He	6417.072	ug/l	1.9	500000	
Ca	40	45	H2	142782.113	ug/l	3.1	500000	
Ti	47	45	He	2071.279	ug/l	1.5	5000	
V	51	45	He	169.407	ug/l	0.7	5000	
Cr	52	45	He	143.959	ug/l	1.2	20000	
Mn	55	45	He	2015.644	ug/l	1.2	10000	
Fe	56	45	H2	125978.942	ug/l	3.9	500000	
Co	59	45	He	41.755	ug/l	0.6	2000	
Ni	60	45	He	98.937	ug/l	1.3	20000	
Cu	63	45	He	264.857	ug/l	1.0	20000	
Zn	66	45	He	961.532	ug/l	1.7	20000	
As	75	45	He	30.668	ug/l	7.1	5000	
Se	78	45	H2	5.512	ug/l	5.4	2000	
Sr	88	115	He	691.376	ug/l	3.0	5000	
Mo	95	115	He	4.598	ug/l	4.2	2000	
Ag	107	115	He	0.951	ug/l	13.0	100	
Cd	111	115	He	2.224	ug/l	11.0	5000	
Sn	118	115	He	125.011	ug/l	1.3	200	
Sb	121	115	He	2.279	ug/l	7.7	200	
Ba	135	159	He	1092.016	ug/l	2.5	20000	
Tl	205	209	He	0.435	ug/l	2.7	1000	
[Pb]	206	209	He	1853.910	ug/l	1.9		
[Pb]	207	209	He	1810.157	ug/l	2.0		
Pb	208	209	He	1807.681	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1734246.11	3.1	102.7	60	125	
Sc (ISICPMS)	45	H2	897697.26	1.6	89.7	60	125	
Sc (ISICPMS)	45	He	33360.58	0.9	87.8	60	125	
Ge (IS)	74	H2	159598.01	1.6	90.4	60	125	
Ge (IS)	74	He	20112.10	4.9	89.2	60	125	
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	48904.54	0.7	82.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	316008.06	1.2	88.6	60	125	
Bi (IS)	209	He	278045.04	0.8	87.4	60	125	

Sample Report

File Name 161SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:08:59

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.000	ug/l	2070.6	2000	
B	11	6	No Gas	4.759	ug/l	5.9	500	
Na	23	45	He	166.953	ug/l	8.1	500000	
Mg	24	45	He	4.803	ug/l	33.1	500000	
Al	27	45	He	1.285	ug/l	211.1	200000	
K	39	45	He	41.700	ug/l	67.9	500000	
Ca	40	45	H2	27.297	ug/l	13.3	500000	
Ti	47	45	He	0.161	ug/l	313.1	5000	
V	51	45	He	-0.553	ug/l	N/A	5000	
Cr	52	45	He	-0.521	ug/l	N/A	20000	
Mn	55	45	He	0.255	ug/l	16.2	10000	
Fe	56	45	H2	8.683	ug/l	10.5	500000	
Co	59	45	He	0.004	ug/l	374.4	2000	
Ni	60	45	He	0.169	ug/l	69.0	20000	
Cu	63	45	He	0.053	ug/l	71.9	20000	
Zn	66	45	He	0.787	ug/l	43.2	20000	
As	75	45	He	0.047	ug/l	332.1	5000	
Se	78	45	H2	-0.056	ug/l	N/A	2000	
Sr	88	115	He	0.153	ug/l	14.4	5000	
Mo	95	115	He	0.000	ug/l	N/A	2000	
Ag	107	115	He	0.000	ug/l	N/A	100	
Cd	111	115	He	0.013	ug/l	173.2	5000	
Sn	118	115	He	0.232	ug/l	42.2	200	
Sb	121	115	He	0.025	ug/l	94.0	200	
Ba	135	159	He	0.111	ug/l	388.3	20000	
Tl	205	209	He	-0.095	ug/l	N/A	1000	
[Pb]	206	209	He	0.249	ug/l	9.8		
[Pb]	207	209	He	0.217	ug/l	16.1		
Pb	208	209	He	0.247	ug/l	11.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1950010.67	2.0	115.5	60	125	
Sc (ISICPMS)	45	H2	925087.99	3.3	92.4	60	125	
Sc (ISICPMS)	45	He	33702.57	0.5	88.7	60	125	
Ge (IS)	74	H2	153709.54	1.1	87.1	60	125	
Ge (IS)	74	He	19123.17	2.6	84.8	60	125	
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	51858.23	1.2	87.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	323823.43	0.8	90.8	60	125	
Bi (IS)	209	He	290063.90	0.8	91.1	60	125	

Continuing Calibration Verification (CCV)

File Name 162_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:11:11

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	97.469	ug/l	1.9	100	90	110	
B	11	6	No Gas	247.984	ug/l	1.5	250	225	275	
Na	23	45	He	28128.101	ug/l	1.3	25000	22500	27500	failed
Mg	24	45	He	27384.564	ug/l	2.0	25000	22500	27500	
Al	27	45	He	25668.888	ug/l	0.7	25000	22500	27500	
K	39	45	He	25580.251	ug/l	1.3	25000	22500	27500	
Ca	40	45	H2	25670.053	ug/l	2.8	25000	22500	27500	
Ti	47	45	He	106.354	ug/l	12.0	100	90	110	
V	51	45	He	101.664	ug/l	2.4	100	90	110	
Cr	52	45	He	102.384	ug/l	2.3	100	90	110	
Mn	55	45	He	98.943	ug/l	0.4	100	90	110	
Fe	56	45	H2	25286.621	ug/l	2.4	25000	22500	27500	
Co	59	45	He	105.185	ug/l	2.0	100	90	110	
Ni	60	45	He	102.113	ug/l	1.2	100	90	110	
Cu	63	45	He	103.769	ug/l	0.9	100	90	110	
Zn	66	45	He	260.427	ug/l	3.5	250	225	275	
As	75	45	He	102.620	ug/l	4.4	100	90	110	
Se	78	45	H2	114.071	ug/l	2.1	100	90	110	failed
Sr	88	115	He	94.718	ug/l	0.8	100	90	110	
Mo	95	115	He	101.309	ug/l	2.6	100	90	110	
Ag	107	115	He	51.088	ug/l	0.5	50	45	55	
Cd	111	115	He	102.523	ug/l	1.5	100	90	110	
Sn	118	115	He	99.539	ug/l	2.4	100	90	110	
Sb	121	115	He	100.373	ug/l	1.8	100	90	110	
Ba	135	159	He	91.143	ug/l	1.6	100	90	110	
Tl	205	209	He	100.568	ug/l	1.2	100	90	110	
[Pb]	206	209	He	102.547	ug/l	1.3				
[Pb]	207	209	He	100.682	ug/l	0.9				
Pb	208	209	He	100.231	ug/l	0.9	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1765403.84	1.3	104.6	60	125	
Sc (ISICPMS)	45	H2	876654.12	1.9	87.6	60	125	
Sc (ISICPMS)	45	He	32081.06	1.6	84.4	60	125	
Ge (IS)	74	H2	152045.08	3.5	86.1	60	125	
Ge (IS)	74	He	19076.23	3.1	84.6	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	49687.14	1.4	84.1	60	125	
Tb (IS)	159	He	317004.51	1.6	88.9	60	125	
Bi (IS)	209	He	280408.53	0.4	88.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 163_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:13:20

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.006	ug/l	241.8	0.8	-0.8	0.8	
B	11	6	No Gas	8.515	ug/l	5.7	40	-40	40	
Na	23	45	He	171.757	ug/l	17.5	500	-500	500	
Mg	24	45	He	4.682	ug/l	5.8	200	-200	200	
Al	27	45	He	2.398	ug/l	131.5	40	-40	40	
K	39	45	He	58.116	ug/l	25.5	200	-200	200	
Ca	40	45	H2	12.828	ug/l	17.7	500	-500	500	
Ti	47	45	He	-0.130	ug/l	N/A	4	-4	4	
V	51	45	He	-0.543	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.258	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.039	ug/l	387.2	8	-8	8	
Fe	56	45	H2	4.977	ug/l	11.6	60	-60	60	
Co	59	45	He	0.007	ug/l	186.5	4	-4	4	
Ni	60	45	He	0.069	ug/l	175.1	4	-4	4	
Cu	63	45	He	-0.042	ug/l	N/A	4	-4	4	
Zn	66	45	He	0.606	ug/l	14.9	16	-16	16	
As	75	45	He	-0.085	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.033	ug/l	450.4	2.5	-2.5	2.5	
Sr	88	115	He	0.073	ug/l	38.6	4	-4	4	
Mo	95	115	He	0.028	ug/l	36.2	4	-4	4	
Ag	107	115	He	0.003	ug/l	592.2	2	-2	2	
Cd	111	115	He	0.027	ug/l	86.6	2	-2	2	
Sn	118	115	He	0.193	ug/l	35.3	16	-16	16	
Sb	121	115	He	0.030	ug/l	93.4	2	-2	2	
Ba	135	159	He	-0.155	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.050	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.078	ug/l	21.1				
[Pb]	207	209	He	0.091	ug/l	43.7				
Pb	208	209	He	0.078	ug/l	51.0	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1772592.44	1.5	105.0	60	125	
Sc (ISICPMS)	45	H2	911888.96	4.2	91.1	60	125	
Sc (ISICPMS)	45	He	33012.19	2.2	86.8	60	125	
Ge (IS)	74	H2	151390.07	1.7	85.8	60	125	
Ge (IS)	74	He	18458.18	1.2	81.8	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	50552.01	2.7	85.5	60	125	
Tb (IS)	159	He	318756.54	1.6	89.4	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	288864.39	0.8	90.8	60	125	

Sample Report

File Name 164SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:15:32

Sample Name **460-233075-A-9-G**

Comment ---

Dilution **1.0000**

Vial # 2508

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.911	ug/l	4.7	2000	
B	11	6	No Gas	27.422	ug/l	7.9	500	
Na	23	45	He	737.340	ug/l	0.5	500000	
Mg	24	45	He	20239.160	ug/l	2.2	500000	
Al	27	45	He	116188.819	ug/l	1.5	200000	
K	39	45	He	5120.320	ug/l	0.6	500000	
Ca	40	45	H2	12612.112	ug/l	1.1	500000	
Ti	47	45	He	2061.997	ug/l	1.1	5000	
V	51	45	He	194.829	ug/l	0.9	5000	
Cr	52	45	He	126.427	ug/l	1.3	20000	
Mn	55	45	He	2327.910	ug/l	1.8	10000	
Fe	56	45	H2	143974.417	ug/l	2.1	500000	
Co	59	45	He	47.436	ug/l	1.7	2000	
Ni	60	45	He	98.583	ug/l	0.6	20000	
Cu	63	45	He	82.624	ug/l	1.1	20000	
Zn	66	45	He	434.730	ug/l	1.4	20000	
As	75	45	He	30.944	ug/l	3.7	5000	
Se	78	45	H2	1.538	ug/l	9.4	2000	
Sr	88	115	He	150.518	ug/l	4.5	5000	
Mo	95	115	He	4.720	ug/l	3.4	2000	
Ag	107	115	He	0.307	ug/l	5.7	100	
Cd	111	115	He	0.427	ug/l	31.4	5000	
Sn	118	115	He	14.226	ug/l	7.8	200	
Sb	121	115	He	0.871	ug/l	11.3	200	
Ba	135	159	He	434.130	ug/l	2.0	20000	
Tl	205	209	He	0.776	ug/l	3.8	1000	
[Pb]	206	209	He	264.607	ug/l	0.4		
[Pb]	207	209	He	244.535	ug/l	0.6		
Pb	208	209	He	253.069	ug/l	0.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1692395.91	5.7	100.3	60	125	
Sc (ISICPMS)	45	H2	913399.99	0.7	91.2	60	125	
Sc (ISICPMS)	45	He	32940.72	0.6	86.7	60	125	
Ge (IS)	74	H2	159523.23	2.2	90.4	60	125	
Ge (IS)	74	He	20436.29	2.1	90.6	60	125	
Kr	83	He	36.70	31.5	550.0			
In-1	115	He	47893.51	1.7	81.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	314612.58	1.1	88.2	60	125	
Bi (IS)	209	He	274945.14	0.8	86.4	60	125	

Sample Report

File Name 165SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:17:43

Sample Name **460-233075-A-10-G**

Comment ---

Dilution **1.0000**

Vial # 2509

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.697	ug/l	4.0	2000	
B	11	6	No Gas	34.321	ug/l	2.4	500	
Na	23	45	He	1069.898	ug/l	2.0	500000	
Mg	24	45	He	22046.623	ug/l	1.9	500000	
Al	27	45	He	76761.557	ug/l	1.2	200000	
K	39	45	He	6968.437	ug/l	1.8	500000	
Ca	40	45	H2	17996.603	ug/l	0.8	500000	
Ti	47	45	He	1591.302	ug/l	2.3	5000	
V	51	45	He	152.093	ug/l	1.9	5000	
Cr	52	45	He	101.060	ug/l	1.0	20000	
Mn	55	45	He	2351.504	ug/l	1.4	10000	
Fe	56	45	H2	115834.766	ug/l	0.9	500000	
Co	59	45	He	42.516	ug/l	0.5	2000	
Ni	60	45	He	95.916	ug/l	2.2	20000	
Cu	63	45	He	133.491	ug/l	0.6	20000	
Zn	66	45	He	898.722	ug/l	0.2	20000	
As	75	45	He	88.875	ug/l	2.2	5000	
Se	78	45	H2	1.071	ug/l	16.9	2000	
Sr	88	115	He	109.629	ug/l	1.9	5000	
Mo	95	115	He	3.237	ug/l	10.0	2000	
Ag	107	115	He	0.318	ug/l	6.1	100	
Cd	111	115	He	0.769	ug/l	34.1	5000	
Sn	118	115	He	17.148	ug/l	4.3	200	
Sb	121	115	He	1.591	ug/l	5.4	200	
Ba	135	159	He	433.189	ug/l	1.4	20000	
Tl	205	209	He	0.517	ug/l	4.7	1000	
[Pb]	206	209	He	320.638	ug/l	1.1		
[Pb]	207	209	He	302.051	ug/l	1.8		
Pb	208	209	He	307.911	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1735920.97	2.1	102.8	60	125	
Sc (ISICPMS)	45	H2	936200.67	1.7	93.5	60	125	
Sc (ISICPMS)	45	He	33217.07	1.3	87.4	60	125	
Ge (IS)	74	H2	165513.22	0.8	93.8	60	125	
Ge (IS)	74	He	21114.73	3.3	93.6	60	125	
Kr	83	He	26.69	142.0	400.0			
In-1	115	He	49636.27	1.9	84.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	322658.00	2.4	90.5	60	125	
Bi (IS)	209	He	283392.57	0.5	89.0	60	125	

Sample Report

File Name 166SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:19:55

Sample Name **460-233075-A-11-G**

Comment ---

Dilution **1.0000**

Vial # 2510

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.990	ug/l	8.2	2000	
B	11	6	No Gas	46.760	ug/l	5.9	500	
Na	23	115	He	1672.479	ug/l	2.0	500000	
Mg	24	45	He	25711.332	ug/l	2.2	500000	
Al	27	45	He	72794.846	ug/l	1.5	200000	
K	39	45	He	6704.521	ug/l	1.6	500000	
Ca	40	45	H2	95534.632	ug/l	1.1	500000	
Ti	47	45	He	1920.582	ug/l	4.6	5000	
V	51	45	He	197.452	ug/l	2.5	5000	
Cr	52	45	He	109.361	ug/l	1.4	20000	
Mn	55	45	He	1689.758	ug/l	1.5	10000	
Fe	56	45	H2	101575.142	ug/l	5.2	500000	
Co	59	45	He	36.725	ug/l	1.8	2000	
Ni	60	45	He	83.923	ug/l	2.7	20000	
Cu	63	45	He	144.049	ug/l	2.0	20000	
Zn	66	45	He	2279.337	ug/l	0.9	20000	
As	75	45	He	27.709	ug/l	5.5	5000	
Se	78	45	H2	1.694	ug/l	25.0	2000	
Sr	88	115	He	539.086	ug/l	2.1	5000	
Mo	95	115	He	4.399	ug/l	11.6	2000	
Ag	107	115	He	0.489	ug/l	8.1	100	
Cd	111	115	He	2.238	ug/l	8.9	5000	
Sn	118	115	He	20.210	ug/l	5.0	200	
Sb	121	115	He	1.564	ug/l	4.7	200	
Ba	135	159	He	1587.115	ug/l	1.9	20000	
Tl	205	209	He	0.511	ug/l	6.7	1000	
[Pb]	206	209	He	967.412	ug/l	0.9		
[Pb]	207	209	He	914.092	ug/l	0.7		
Pb	208	209	He	915.238	ug/l	0.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1771151.53	2.6	104.9	60	125	
Sc (ISICPMS)	45	H2	898224.60	4.1	89.7	60	125	
Sc (ISICPMS)	45	He	33293.94	0.8	87.6	60	125	
Ge (IS)	74	H2	159516.62	3.3	90.4	60	125	
Ge (IS)	74	He	20643.51	3.3	91.5	60	125	
Kr	83	He	16.68	124.9	250.0			
In-1	115	He	50138.43	1.8	84.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	320945.73	1.0	90.0	60	125	
Bi (IS)	209	He	275440.86	0.4	86.5	60	125	

Sample Report

File Name 167SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:27:33

Sample Name **460-233075-A-12-G**

Comment ---

Dilution **1.0000**

Vial # 2511

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	2.551	ug/l	1.7	2000	
B	11	6	No Gas	29.850	ug/l	3.7	500	
Na	23	45	He	708.820	ug/l	9.3	500000	
Mg	24	45	He	22785.193	ug/l	1.6	500000	
Al	27	45	He	58899.980	ug/l	1.0	200000	
K	39	45	He	5062.824	ug/l	1.6	500000	
Ca	40	45	H2	68208.401	ug/l	2.0	500000	
Ti	47	45	He	1392.923	ug/l	3.3	5000	
V	51	45	He	160.776	ug/l	2.8	5000	
Cr	52	45	He	89.355	ug/l	4.1	20000	
Mn	55	45	He	1937.510	ug/l	1.2	10000	
Fe	56	45	H2	96727.000	ug/l	1.6	500000	
Co	59	45	He	36.261	ug/l	5.5	2000	
Ni	60	45	He	83.201	ug/l	0.2	20000	
Cu	63	45	He	130.815	ug/l	1.1	20000	
Zn	66	45	He	5498.657	ug/l	3.6	20000	
As	75	45	He	20.112	ug/l	11.3	5000	
Se	78	45	H2	1.807	ug/l	19.5	2000	
Sr	88	115	He	554.832	ug/l	3.8	5000	
Mo	95	115	He	3.107	ug/l	1.1	2000	
Ag	107	115	He	0.743	ug/l	7.7	100	
Cd	111	115	He	3.292	ug/l	13.7	5000	
Sn	118	115	He	22.096	ug/l	4.0	200	
Sb	121	115	He	2.051	ug/l	14.2	200	
Ba	135	159	He	8981.865	ug/l	2.9	20000	
Tl	205	209	He	0.365	ug/l	5.3	1000	
[Pb]	206	209	He	1794.162	ug/l	1.5		
[Pb]	207	209	He	1779.048	ug/l	2.3		
Pb	208	209	He	1756.751	ug/l	1.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1783295.61	1.3	105.7	60	125	
Sc (ISICPMS)	45	H2	929289.49	1.7	92.8	60	125	
Sc (ISICPMS)	45	He	34787.63	1.4	91.5	60	125	
Ge (IS)	74	H2	167362.54	1.2	94.8	60	125	
Ge (IS)	74	He	20773.89	1.6	92.1	60	125	
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	50427.45	2.4	85.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	328694.33	1.5	92.2	60	125	
Bi (IS)	209	He	284668.17	1.3	89.4	60	125	

Sample Report

File Name 168SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:29:42

Sample Name **460-233075-A-13-G**

Comment ---

Dilution **1.0000**

Vial # 2512

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	3.794	ug/l	2.0	2000	
B	11	6	No Gas	29.896	ug/l	1.8	500	
Na	23	45	He	1406.740	ug/l	3.2	500000	
Mg	24	45	He	19012.196	ug/l	1.3	500000	
Al	27	45	He	99120.884	ug/l	1.6	200000	
K	39	45	He	5407.469	ug/l	1.2	500000	
Ca	40	45	H2	62150.956	ug/l	1.4	500000	
Ti	47	45	He	1881.099	ug/l	3.2	5000	
V	51	45	He	175.324	ug/l	2.8	5000	
Cr	52	45	He	111.395	ug/l	4.5	20000	
Mn	55	45	He	2003.179	ug/l	2.9	10000	
Fe	56	45	H2	109333.079	ug/l	1.9	500000	
Co	59	45	He	47.560	ug/l	0.9	2000	
Ni	60	45	He	100.372	ug/l	3.1	20000	
Cu	63	45	He	156.751	ug/l	1.3	20000	
Zn	66	45	He	1075.160	ug/l	2.1	20000	
As	75	45	He	42.347	ug/l	7.8	5000	
Se	78	45	H2	3.611	ug/l	8.6	2000	
Sr	88	115	He	281.295	ug/l	3.4	5000	
Mo	95	115	He	4.837	ug/l	10.1	2000	
Ag	107	115	He	0.843	ug/l	7.0	100	
Cd	111	115	He	2.916	ug/l	24.1	5000	
Sn	118	115	He	32.370	ug/l	3.6	200	
Sb	121	115	He	1.671	ug/l	3.0	200	
Ba	135	159	He	662.756	ug/l	4.2	20000	
Tl	205	209	He	0.794	ug/l	0.4	1000	
[Pb]	206	209	He	1156.953	ug/l	0.7		
[Pb]	207	209	He	1095.279	ug/l	3.1		
Pb	208	209	He	1102.920	ug/l	2.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1815452.91	1.2	107.6	60	125	
Sc (ISICPMS)	45	H2	971460.53	0.8	97.0	60	125	
Sc (ISICPMS)	45	He	35833.69	1.9	94.3	60	125	
Ge (IS)	74	H2	170731.58	2.9	96.7	60	125	
Ge (IS)	74	He	21766.49	4.0	96.5	60	125	
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	53507.08	1.8	90.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	339979.36	1.1	95.3	60	125	
Bi (IS)	209	He	296038.50	2.0	93.0	60	125	

Sample Report

File Name 169SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:31:52

Sample Name **460-233314-C-1-B**

Comment ---

Dilution **1.0000**

Vial # 2310

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	10.845	ug/l	5.1	2000	
B	11	6	No Gas	138.559	ug/l	4.2	500	
Na	23	45	He	4092.508	ug/l	2.4	500000	
Mg	24	45	He	53616.342	ug/l	2.0	500000	
Al	27	45	He	107895.566	ug/l	1.2	200000	
K	39	45	He	11784.590	ug/l	4.2	500000	
Ca	40	45	H2	232921.020	ug/l	3.3	500000	
Ti	47	45	He	4636.327	ug/l	2.9	5000	>LDR 200.8
V	51	45	He	505.923	ug/l	3.2	5000	
Cr	52	45	He	428.529	ug/l	2.2	20000	
Mn	55	45	He	5345.007	ug/l	3.4	10000	
Fe	56	45	H2	187470.430	ug/l	2.0	500000	
Co	59	45	He	78.110	ug/l	4.6	2000	
Ni	60	45	He	398.642	ug/l	3.2	20000	
Cu	63	45	He	2224.774	ug/l	2.1	20000	
Zn	66	45	He	4180.590	ug/l	3.2	20000	
As	75	45	He	61.820	ug/l	3.1	5000	
Se	78	45	H2	9.366	ug/l	5.9	2000	
Sr	88	115	He	907.731	ug/l	1.5	5000	
Mo	95	115	He	26.021	ug/l	2.5	2000	
Ag	107	115	He	5.830	ug/l	3.0	100	
Cd	111	115	He	12.387	ug/l	10.9	5000	
Sn	118	115	He	298.361	ug/l	1.1	200	>LDR 6020B
Sb	121	115	He	8.067	ug/l	2.6	200	
Ba	135	159	He	2763.089	ug/l	3.6	20000	
Tl	205	209	He	0.698	ug/l	1.2	1000	
[Pb]	206	209	He	9539.676	ug/l	2.5		
[Pb]	207	209	He	9357.390	ug/l	2.3		
Pb	208	209	He	9325.116	ug/l	1.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1773756.88	2.5	105.1	60	125	
Sc (ISICPMS)	45	H2	961126.83	1.0	96.0	60	125	
Sc (ISICPMS)	45	He	34349.98	2.3	90.4	60	125	
Ge (IS)	74	H2	165454.23	2.5	93.7	60	125	
Ge (IS)	74	He	20275.83	1.0	89.9	60	125	
Kr	83	He	23.36	24.7	350.0			
In-1	115	He	49778.96	2.2	84.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	324558.96	1.2	91.0	60	125	
Bi (IS)	209	He	288463.54	1.4	90.6	60	125	

Sample Report

File Name 170SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:33:59

Sample Name **460-233314-C-2-B**

Comment ---

Dilution **1.0000**

Vial # 2311

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	15.563	ug/l	1.1	2000	
B	11	6	No Gas	158.794	ug/l	3.2	500	
Na	23	45	He	4573.481	ug/l	0.7	500000	
Mg	24	45	He	70269.915	ug/l	0.1	500000	
Al	27	45	He	124217.209	ug/l	1.1	200000	
K	39	45	He	18063.127	ug/l	1.1	500000	
Ca	40	45	H2	289958.528	ug/l	4.4	500000	
Ti	47	45	He	5363.270	ug/l	2.1	5000	>LDR 6020B□>LDR 200.8
V	51	45	He	399.573	ug/l	1.2	5000	
Cr	52	45	He	376.264	ug/l	0.2	20000	
Mn	55	45	He	4820.646	ug/l	1.2	10000	
Fe	56	45	H2	163920.781	ug/l	2.6	500000	
Co	59	45	He	77.876	ug/l	2.0	2000	
Ni	60	45	He	385.521	ug/l	0.7	20000	
Cu	63	45	He	1991.944	ug/l	1.1	20000	
Zn	66	45	He	4608.887	ug/l	1.2	20000	
As	75	45	He	45.067	ug/l	4.1	5000	
Se	78	45	H2	8.598	ug/l	16.3	2000	
Sr	88	115	He	1002.157	ug/l	2.6	5000	
Mo	95	115	He	30.037	ug/l	3.4	2000	
Ag	107	115	He	5.360	ug/l	3.4	100	
Cd	111	115	He	11.107	ug/l	2.7	5000	
Sn	118	115	He	199.804	ug/l	0.6	200	
Sb	121	115	He	8.027	ug/l	4.4	200	
Ba	135	159	He	2463.617	ug/l	3.4	20000	
Tl	205	209	He	0.653	ug/l	4.5	1000	
[Pb]	206	209	He	9176.925	ug/l	3.2		
[Pb]	207	209	He	8870.201	ug/l	2.1		
Pb	208	209	He	8917.308	ug/l	2.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1774804.35	3.9	105.2	60	125	
Sc (ISICPMS)	45	H2	944013.30	1.7	94.3	60	125	
Sc (ISICPMS)	45	He	34466.75	1.0	90.7	60	125	
Ge (IS)	74	H2	163086.19	1.3	92.4	60	125	
Ge (IS)	74	He	19898.20	0.9	88.2	60	125	
Kr	83	He	33.37	17.3	500.0			
In-1	115	He	49789.04	1.7	84.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	330452.62	0.8	92.7	60	125	
Bi (IS)	209	He	283979.39	1.5	89.2	60	125	

Sample Report

File Name 171SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:36:06

Sample Name **460-233314-D-3-B**

Comment ---

Dilution **1.0000**

Vial # 2312

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	7.048	ug/l	3.7	2000	
B	11	6	No Gas	95.481	ug/l	3.1	500	
Na	23	45	He	2686.558	ug/l	2.2	500000	
Mg	24	45	He	42570.260	ug/l	2.8	500000	
Al	27	45	He	93941.246	ug/l	1.2	200000	
K	39	45	He	10066.743	ug/l	2.0	500000	
Ca	40	45	H2	175347.992	ug/l	2.1	500000	
Ti	47	45	He	3172.287	ug/l	2.5	5000	
V	51	45	He	1088.265	ug/l	2.1	5000	
Cr	52	45	He	233.936	ug/l	2.1	20000	
Mn	55	45	He	4196.284	ug/l	1.9	10000	
Fe	56	45	H2	130738.651	ug/l	1.9	500000	
Co	59	45	He	48.644	ug/l	3.9	2000	
Ni	60	45	He	296.984	ug/l	0.4	20000	
Cu	63	45	He	1007.364	ug/l	2.4	20000	
Zn	66	45	He	1527.689	ug/l	3.5	20000	
As	75	45	He	67.493	ug/l	3.6	5000	
Se	78	45	H2	4.426	ug/l	18.4	2000	
Sr	88	115	He	635.473	ug/l	4.5	5000	
Mo	95	115	He	11.048	ug/l	4.0	2000	
Ag	107	115	He	3.677	ug/l	1.0	100	
Cd	111	115	He	6.003	ug/l	7.1	5000	
Sn	118	115	He	105.961	ug/l	4.5	200	
Sb	121	115	He	5.658	ug/l	4.4	200	
Ba	135	159	He	1456.415	ug/l	2.6	20000	
Tl	205	209	He	1.308	ug/l	1.3	1000	
[Pb]	206	209	He	2629.944	ug/l	1.6		
[Pb]	207	209	He	2510.917	ug/l	2.7		
Pb	208	209	He	2546.036	ug/l	2.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1813459.03	2.1	107.4	60	125	
Sc (ISICPMS)	45	H2	937646.30	0.4	93.7	60	125	
Sc (ISICPMS)	45	He	33725.00	2.9	88.7	60	125	
Ge (IS)	74	H2	165165.13	0.3	93.6	60	125	
Ge (IS)	74	He	20897.48	5.0	92.7	60	125	
Kr	83	He	60.06	16.7	900.0			
In-1	115	He	49022.81	0.7	82.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	322328.85	1.6	90.4	60	125	
Bi (IS)	209	He	275723.99	1.2	86.6	60	125	

Sample Report

File Name 172SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:38:15

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.001	ug/l	N/A	2000	
B	11	6	No Gas	4.386	ug/l	8.3	500	
Na	23	45	He	144.928	ug/l	15.1	500000	
Mg	24	45	He	6.352	ug/l	25.0	500000	
Al	27	45	He	7.935	ug/l	29.2	200000	
K	39	45	He	41.004	ug/l	50.2	500000	
Ca	40	45	H2	17.697	ug/l	8.3	500000	
Ti	47	45	He	1.084	ug/l	63.1	5000	
V	51	45	He	-0.463	ug/l	N/A	5000	
Cr	52	45	He	-0.128	ug/l	N/A	20000	
Mn	55	45	He	0.444	ug/l	44.9	10000	
Fe	56	45	H2	12.195	ug/l	3.3	500000	
Co	59	45	He	-0.020	ug/l	N/A	2000	
Ni	60	45	He	0.212	ug/l	68.1	20000	
Cu	63	45	He	0.402	ug/l	25.2	20000	
Zn	66	45	He	1.577	ug/l	48.4	20000	
As	75	45	He	-0.116	ug/l	N/A	5000	
Se	78	45	H2	-0.010	ug/l	N/A	2000	
Sr	88	115	He	0.001	ug/l	6423.1	5000	
Mo	95	115	He	0.022	ug/l	43.1	2000	
Ag	107	115	He	0.010	ug/l	155.9	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.068	ug/l	50.1	200	
Sb	121	115	He	0.008	ug/l	191.8	200	
Ba	135	159	He	0.479	ug/l	85.0	20000	
Tl	205	209	He	-0.095	ug/l	N/A	1000	
[Pb]	206	209	He	1.123	ug/l	4.3		
[Pb]	207	209	He	1.177	ug/l	10.5		
Pb	208	209	He	1.107	ug/l	2.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1806961.60	2.6	107.1	60	125	
Sc (ISICPMS)	45	H2	921005.56	1.0	92.0	60	125	
Sc (ISICPMS)	45	He	32380.44	2.0	85.2	60	125	
Ge (IS)	74	H2	151983.17	1.4	86.1	60	125	
Ge (IS)	74	He	19103.06	2.5	84.7	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	50261.45	0.3	85.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	316809.10	1.0	88.8	60	125	
Bi (IS)	209	He	288198.02	0.8	90.6	60	125	

Sample Report

File Name 173SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:40:27

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.004	ug/l	N/A	2000	
B	11	6	No Gas	2.736	ug/l	10.4	500	
Na	23	45	He	127.432	ug/l	15.7	500000	
Mg	24	45	He	2.605	ug/l	68.9	500000	
Al	27	45	He	4.412	ug/l	10.9	200000	
K	39	45	He	36.081	ug/l	43.5	500000	
Ca	40	45	H2	11.368	ug/l	15.9	500000	
Ti	47	45	He	0.170	ug/l	152.6	5000	
V	51	45	He	-0.566	ug/l	N/A	5000	
Cr	52	45	He	-0.114	ug/l	N/A	20000	
Mn	55	45	He	0.442	ug/l	46.7	10000	
Fe	56	45	H2	7.240	ug/l	10.1	500000	
Co	59	45	He	-0.004	ug/l	N/A	2000	
Ni	60	45	He	0.232	ug/l	38.2	20000	
Cu	63	45	He	0.290	ug/l	18.3	20000	
Zn	66	45	He	1.444	ug/l	12.7	20000	
As	75	45	He	-0.118	ug/l	N/A	5000	
Se	78	45	H2	-0.007	ug/l	N/A	2000	
Sr	88	115	He	-0.001	ug/l	N/A	5000	
Mo	95	115	He	0.032	ug/l	49.9	2000	
Ag	107	115	He	-0.001	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.020	ug/l	1339.8	200	
Sb	121	115	He	0.001	ug/l	1792.9	200	
Ba	135	159	He	0.204	ug/l	1.6	20000	
Tl	205	209	He	-0.090	ug/l	N/A	1000	
[Pb]	206	209	He	0.734	ug/l	0.7		
[Pb]	207	209	He	0.734	ug/l	12.6		
Pb	208	209	He	0.723	ug/l	0.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1803037.68	5.0	106.8	60	125	
Sc (ISICPMS)	45	H2	896555.84	2.9	89.6	60	125	
Sc (ISICPMS)	45	He	32773.70	0.7	86.2	60	125	
Ge (IS)	74	H2	151966.37	1.9	86.1	60	125	
Ge (IS)	74	He	18812.29	3.8	83.4	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	51414.60	0.2	87.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	320090.65	0.8	89.7	60	125	
Bi (IS)	209	He	289122.28	0.4	90.8	60	125	

Continuing Calibration Verification (CCV)

File Name 174_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:42:39

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	93.275	ug/l	4.7	100	90	110	
B	11	6	No Gas	242.015	ug/l	7.0	250	225	275	
Na	23	45	He	26476.009	ug/l	3.8	25000	22500	27500	
Mg	24	45	He	26024.290	ug/l	2.1	25000	22500	27500	
Al	27	45	He	25113.156	ug/l	1.6	25000	22500	27500	
K	39	45	He	24827.876	ug/l	2.9	25000	22500	27500	
Ca	40	45	H2	24488.138	ug/l	1.0	25000	22500	27500	
Ti	47	45	He	103.234	ug/l	2.3	100	90	110	
V	51	45	He	97.612	ug/l	0.5	100	90	110	
Cr	52	45	He	98.501	ug/l	1.1	100	90	110	
Mn	55	45	He	100.493	ug/l	2.0	100	90	110	
Fe	56	45	H2	24803.371	ug/l	1.9	25000	22500	27500	
Co	59	45	He	101.968	ug/l	1.8	100	90	110	
Ni	60	45	He	101.397	ug/l	1.4	100	90	110	
Cu	63	45	He	101.168	ug/l	2.4	100	90	110	
Zn	66	45	He	252.596	ug/l	2.0	250	225	275	
As	75	45	He	100.091	ug/l	1.1	100	90	110	
Se	78	45	H2	105.229	ug/l	4.8	100	90	110	
Sr	88	115	He	93.144	ug/l	2.1	100	90	110	
Mo	95	115	He	97.556	ug/l	4.1	100	90	110	
Ag	107	115	He	49.353	ug/l	1.0	50	45	55	
Cd	111	115	He	99.671	ug/l	1.6	100	90	110	
Sn	118	115	He	99.232	ug/l	3.8	100	90	110	
Sb	121	115	He	99.653	ug/l	1.0	100	90	110	
Ba	135	159	He	98.224	ug/l	2.3	100	90	110	
Tl	205	209	He	98.849	ug/l	4.9	100	90	110	
[Pb]	206	209	He	101.899	ug/l	1.5				
[Pb]	207	209	He	99.537	ug/l	2.8				
Pb	208	209	He	99.257	ug/l	3.3	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1835296.03	3.5	108.7	60	125	
Sc (ISICPMS)	45	H2	929812.02	2.0	92.9	60	125	
Sc (ISICPMS)	45	He	33972.35	1.0	89.4	60	125	
Ge (IS)	74	H2	155594.93	4.2	88.1	60	125	
Ge (IS)	74	He	19878.13	7.0	88.1	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	52107.65	0.6	88.2	60	125	
Tb (IS)	159	He	324695.32	0.9	91.0	60	125	
Bi (IS)	209	He	286834.29	1.8	90.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 175_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:44:48

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.004	ug/l	700.4	0.8	-0.8	0.8	
B	11	6	No Gas	7.046	ug/l	4.5	40	-40	40	
Na	23	45	He	130.325	ug/l	20.2	500	-500	500	
Mg	24	45	He	4.592	ug/l	28.1	200	-200	200	
Al	27	45	He	3.404	ug/l	22.9	40	-40	40	
K	39	45	He	50.116	ug/l	17.2	200	-200	200	
Ca	40	45	H2	8.729	ug/l	20.1	500	-500	500	
Ti	47	45	He	0.596	ug/l	153.1	4	-4	4	
V	51	45	He	-0.285	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.319	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.295	ug/l	65.4	8	-8	8	
Fe	56	45	H2	7.311	ug/l	13.4	60	-60	60	
Co	59	45	He	0.001	ug/l	2616.2	4	-4	4	
Ni	60	45	He	0.051	ug/l	94.9	4	-4	4	
Cu	63	45	He	0.169	ug/l	65.0	4	-4	4	
Zn	66	45	He	1.050	ug/l	12.8	16	-16	16	
As	75	45	He	-0.125	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.036	ug/l	570.3	2.5	-2.5	2.5	
Sr	88	115	He	0.098	ug/l	90.8	4	-4	4	
Mo	95	115	He	0.011	ug/l	173.2	4	-4	4	
Ag	107	115	He	0.010	ug/l	96.4	2	-2	2	
Cd	111	115	He	0.026	ug/l	86.6	2	-2	2	
Sn	118	115	He	-0.214	ug/l	N/A	16	-16	16	
Sb	121	115	He	0.050	ug/l	75.8	2	-2	2	
Ba	135	159	He	-0.024	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.057	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.480	ug/l	12.6				
[Pb]	207	209	He	0.425	ug/l	10.0				
Pb	208	209	He	0.457	ug/l	5.4	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1863896.26	1.3	110.4	60	125	
Sc (ISICPMS)	45	H2	933689.93	3.6	93.3	60	125	
Sc (ISICPMS)	45	He	33635.81	3.2	88.5	60	125	
Ge (IS)	74	H2	156471.57	2.8	88.6	60	125	
Ge (IS)	74	He	19390.35	1.7	86.0	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	51551.22	0.8	87.2	60	125	
Tb (IS)	159	He	323902.17	1.1	90.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	290451.43	1.3	91.3	60	125	

Sample Report

File Name 176SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:47:01

Sample Name **MB 460-775553/1-C**

Comment ---

Dilution **1.0000**

Vial # 4301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.002	ug/l	1589.5	2000	
B	11	6	No Gas	3.683	ug/l	16.7	500	
Na	23	45	He	112.808	ug/l	3.5	500000	
Mg	24	45	He	1.752	ug/l	19.8	500000	
Al	27	45	He	3.755	ug/l	14.3	200000	
K	39	45	He	30.947	ug/l	23.7	500000	
Ca	40	45	H2	7.408	ug/l	10.1	500000	
Ti	47	45	He	0.312	ug/l	141.5	5000	
V	51	45	He	-0.543	ug/l	N/A	5000	
Cr	52	45	He	-0.187	ug/l	N/A	20000	
Mn	55	45	He	-0.021	ug/l	N/A	10000	
Fe	56	45	H2	6.034	ug/l	6.0	500000	
Co	59	45	He	-0.006	ug/l	N/A	2000	
Ni	60	45	He	0.144	ug/l	134.0	20000	
Cu	63	45	He	0.121	ug/l	68.6	20000	
Zn	66	45	He	1.278	ug/l	20.4	20000	
As	75	45	He	-0.071	ug/l	N/A	5000	
Se	78	45	H2	-0.033	ug/l	N/A	2000	
Sr	88	115	He	0.041	ug/l	104.4	5000	
Mo	95	115	He	0.016	ug/l	100.1	2000	
Ag	107	115	He	-0.005	ug/l	N/A	100	
Cd	111	115	He	0.027	ug/l	86.6	5000	
Sn	118	115	He	-0.025	ug/l	N/A	200	
Sb	121	115	He	0.056	ug/l	69.6	200	
Ba	135	159	He	-0.023	ug/l	N/A	20000	
Tl	205	209	He	-0.088	ug/l	N/A	1000	
[Pb]	206	209	He	0.358	ug/l	21.3		
[Pb]	207	209	He	0.324	ug/l	17.9		
Pb	208	209	He	0.338	ug/l	11.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1777080.02	4.8	105.3	60	125	
Sc (ISICPMS)	45	H2	907511.49	2.7	90.7	60	125	
Sc (ISICPMS)	45	He	33474.31	0.2	88.1	60	125	
Ge (IS)	74	H2	155627.54	0.3	88.2	60	125	
Ge (IS)	74	He	19594.29	2.0	86.9	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	51457.25	1.2	87.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	318747.58	1.7	89.4	60	125	
Bi (IS)	209	He	288885.20	0.5	90.8	60	125	

Sample Report

File Name 177SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:49:15

Sample Name **LCS 460-775713/2-A**

Comment ---

Dilution **1.0000**

Vial # 4302

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	24.466	ug/l	2.8	2000	
B	11	6	No Gas	492.708	ug/l	2.6	500	
Na	23	45	He	3006.462	ug/l	0.4	500000	
Mg	24	45	He	2752.655	ug/l	1.6	500000	
Al	27	45	He	2668.563	ug/l	3.4	200000	
K	39	45	He	2623.314	ug/l	0.7	500000	
Ca	40	45	H2	2704.787	ug/l	4.8	500000	
Ti	47	45	He	48.236	ug/l	9.1	5000	
V	51	45	He	51.806	ug/l	2.5	5000	
Cr	52	45	He	53.048	ug/l	1.8	20000	
Mn	55	45	He	271.415	ug/l	1.8	10000	
Fe	56	45	H2	2621.359	ug/l	2.7	500000	
Co	59	45	He	26.948	ug/l	0.8	2000	
Ni	60	45	He	54.210	ug/l	1.4	20000	
Cu	63	45	He	56.114	ug/l	0.6	20000	
Zn	66	45	He	263.199	ug/l	2.8	20000	
As	75	45	He	52.941	ug/l	1.6	5000	
Se	78	45	H2	54.585	ug/l	7.1	2000	
Sr	88	115	He	51.492	ug/l	2.7	5000	
Mo	95	115	He	51.804	ug/l	1.7	2000	
Ag	107	115	He	26.174	ug/l	3.3	100	
Cd	111	115	He	26.652	ug/l	5.6	5000	
Sn	118	115	He	54.005	ug/l	2.1	200	
Sb	121	115	He	26.309	ug/l	2.8	200	
Ba	135	159	He	48.830	ug/l	5.2	20000	
Tl	205	209	He	20.663	ug/l	1.9	1000	
[Pb]	206	209	He	27.268	ug/l	0.6		
[Pb]	207	209	He	26.150	ug/l	3.9		
Pb	208	209	He	26.453	ug/l	0.8	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1851938.27	3.8	109.7	60	125	
Sc (ISICPMS)	45	H2	926714.47	5.7	92.6	60	125	
Sc (ISICPMS)	45	He	33382.98	0.9	87.8	60	125	
Ge (IS)	74	H2	150788.43	3.1	85.4	60	125	
Ge (IS)	74	He	19871.47	2.8	88.1	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	51183.70	0.8	86.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	319574.03	2.2	89.6	60	125	
Bi (IS)	209	He	288554.68	0.5	90.7	60	125	

Sample Report

File Name 178SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:51:26

Sample Name **460-233145-F-24-J MS**

Comment ---

Dilution **1.0000**

Vial # 4303

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	24.727	ug/l	1.8	2000	
B	11	6	No Gas	625.323	ug/l	3.5	500	>LDR 6020B
Na	23	45	He	78396.191	ug/l	1.8	500000	
Mg	24	45	He	12493.551	ug/l	0.4	500000	
Al	27	45	He	2541.284	ug/l	3.5	200000	
K	39	45	He	8593.199	ug/l	1.0	500000	
Ca	40	45	H2	54395.677	ug/l	2.0	500000	
Ti	47	45	He	49.950	ug/l	10.5	5000	
V	51	45	He	50.664	ug/l	3.6	5000	
Cr	52	45	He	49.992	ug/l	1.3	20000	
Mn	55	45	He	288.832	ug/l	2.9	10000	
Fe	56	45	H2	2564.869	ug/l	1.9	500000	
Co	59	45	He	26.605	ug/l	1.2	2000	
Ni	60	45	He	57.134	ug/l	3.5	20000	
Cu	63	45	He	53.790	ug/l	2.5	20000	
Zn	66	45	He	279.515	ug/l	2.8	20000	
As	75	45	He	53.039	ug/l	5.7	5000	
Se	78	45	H2	54.720	ug/l	9.5	2000	
Sr	88	115	He	306.543	ug/l	2.6	5000	
Mo	95	115	He	51.965	ug/l	0.1	2000	
Ag	107	115	He	25.371	ug/l	0.7	100	
Cd	111	115	He	25.938	ug/l	4.1	5000	
Sn	118	115	He	48.676	ug/l	4.2	200	
Sb	121	115	He	23.793	ug/l	3.5	200	
Ba	135	159	He	102.674	ug/l	2.3	20000	
Tl	205	209	He	20.067	ug/l	0.2	1000	
[Pb]	206	209	He	25.738	ug/l	1.8		
[Pb]	207	209	He	25.507	ug/l	1.3		
Pb	208	209	He	25.691	ug/l	1.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1784853.46	1.7	105.7	60	125	
Sc (ISICPMS)	45	H2	897795.84	4.2	89.7	60	125	
Sc (ISICPMS)	45	He	32645.72	1.0	85.9	60	125	
Ge (IS)	74	H2	158221.45	1.9	89.6	60	125	
Ge (IS)	74	He	19988.45	2.4	88.6	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	50390.55	1.1	85.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	323211.50	2.9	90.6	60	125	
Bi (IS)	209	He	284926.78	0.3	89.5	60	125	

Sample Report

File Name 179SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:53:36

Sample Name **460-233145-F-24-I DU**

Comment ---

Dilution **1.0000**

Vial # 4304

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.012	ug/l	132.2	2000	
B	11	6	No Gas	153.248	ug/l	2.1	500	
Na	23	45	He	73913.579	ug/l	0.8	500000	
Mg	24	45	He	9801.401	ug/l	1.0	500000	
Al	27	45	He	2.426	ug/l	41.5	200000	
K	39	45	He	6095.673	ug/l	1.0	500000	
Ca	40	45	H2	52338.560	ug/l	1.1	500000	
Ti	47	45	He	0.619	ug/l	151.1	5000	
V	51	45	He	-0.428	ug/l	N/A	5000	
Cr	52	45	He	-0.429	ug/l	N/A	20000	
Mn	55	45	He	29.511	ug/l	3.9	10000	
Fe	56	45	H2	1.929	ug/l	9.4	500000	
Co	59	45	He	0.509	ug/l	19.2	2000	
Ni	60	45	He	4.992	ug/l	6.5	20000	
Cu	63	45	He	0.569	ug/l	4.8	20000	
Zn	66	45	He	18.311	ug/l	3.3	20000	
As	75	45	He	-0.188	ug/l	N/A	5000	
Se	78	45	H2	0.374	ug/l	37.0	2000	
Sr	88	115	He	262.257	ug/l	3.1	5000	
Mo	95	115	He	0.452	ug/l	20.5	2000	
Ag	107	115	He	-0.026	ug/l	N/A	100	
Cd	111	115	He	0.272	ug/l	22.5	5000	
Sn	118	115	He	-0.153	ug/l	N/A	200	
Sb	121	115	He	0.125	ug/l	45.9	200	
Ba	135	159	He	59.025	ug/l	1.8	20000	
Tl	205	209	He	0.041	ug/l	28.7	1000	
[Pb]	206	209	He	0.156	ug/l	18.6		
[Pb]	207	209	He	0.176	ug/l	35.6		
Pb	208	209	He	0.166	ug/l	9.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1759267.98	1.8	104.2	60	125	
Sc (ISICPMS)	45	H2	891100.78	0.8	89.0	60	125	
Sc (ISICPMS)	45	He	32732.54	1.1	86.1	60	125	
Ge (IS)	74	H2	159193.64	1.0	90.2	60	125	
Ge (IS)	74	He	20442.96	1.8	90.6	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	49866.94	0.4	84.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	319581.31	0.8	89.6	60	125	
Bi (IS)	209	He	287115.33	1.9	90.2	60	125	

Sample Report

File Name 180SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:55:48

Sample Name **460-233145-F-24-H**

Comment ---

Dilution **1.0000**

Vial # 4305

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.006	ug/l	N/A	2000	
B	11	6	No Gas	141.032	ug/l	8.2	500	
Na	23	45	He	73716.617	ug/l	2.6	500000	
Mg	24	45	He	9739.595	ug/l	0.4	500000	
Al	27	45	He	-0.281	ug/l	N/A	200000	
K	39	45	He	6003.054	ug/l	1.2	500000	
Ca	40	45	H2	52350.884	ug/l	1.2	500000	
Ti	47	45	He	0.463	ug/l	110.9	5000	
V	51	45	He	-0.365	ug/l	N/A	5000	
Cr	52	45	He	-0.656	ug/l	N/A	20000	
Mn	55	45	He	26.418	ug/l	6.8	10000	
Fe	56	45	H2	0.896	ug/l	27.6	500000	
Co	59	45	He	0.573	ug/l	13.7	2000	
Ni	60	45	He	4.739	ug/l	2.7	20000	
Cu	63	45	He	0.448	ug/l	8.8	20000	
Zn	66	45	He	15.069	ug/l	12.9	20000	
As	75	45	He	-0.018	ug/l	N/A	5000	
Se	78	45	H2	0.305	ug/l	77.8	2000	
Sr	88	115	He	256.759	ug/l	2.4	5000	
Mo	95	115	He	0.458	ug/l	18.6	2000	
Ag	107	115	He	-0.015	ug/l	N/A	100	
Cd	111	115	He	0.307	ug/l	93.6	5000	
Sn	118	115	He	0.260	ug/l	159.7	200	
Sb	121	115	He	0.061	ug/l	57.0	200	
Ba	135	159	He	59.435	ug/l	7.5	20000	
Tl	205	209	He	0.035	ug/l	56.8	1000	
[Pb]	206	209	He	0.141	ug/l	24.7		
[Pb]	207	209	He	0.188	ug/l	8.2		
Pb	208	209	He	0.170	ug/l	13.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1753802.09	3.5	103.9	60	125	
Sc (ISICPMS)	45	H2	894485.41	2.4	89.4	60	125	
Sc (ISICPMS)	45	He	33257.06	0.3	87.5	60	125	
Ge (IS)	74	H2	160837.71	1.3	91.1	60	125	
Ge (IS)	74	He	20068.75	2.4	89.0	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	50546.26	2.4	85.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	317915.15	0.6	89.1	60	125	
Bi (IS)	209	He	283330.84	0.3	89.0	60	125	

Sample Report

File Name 181SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 14:57:59

Sample Name **sd 460-233145-F-24-H@5**

Comment ---

Dilution **1.0000**

Vial # 4306

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.004	ug/l	678.1	2000	
B	11	6	No Gas	36.853	ug/l	6.1	500	
Na	23	45	He	16259.516	ug/l	2.7	500000	
Mg	24	45	He	2073.171	ug/l	2.8	500000	
Al	27	45	He	5.455	ug/l	75.4	200000	
K	39	45	He	1324.669	ug/l	4.8	500000	
Ca	40	45	H2	10717.092	ug/l	1.8	500000	
Ti	47	45	He	0.030	ug/l	913.0	5000	
V	51	45	He	-0.338	ug/l	N/A	5000	
Cr	52	45	He	-0.157	ug/l	N/A	20000	
Mn	55	45	He	6.255	ug/l	4.0	10000	
Fe	56	45	H2	2.797	ug/l	10.8	500000	
Co	59	45	He	0.119	ug/l	44.0	2000	
Ni	60	45	He	1.135	ug/l	19.0	20000	
Cu	63	45	He	0.374	ug/l	20.9	20000	
Zn	66	45	He	4.535	ug/l	18.1	20000	
As	75	45	He	-0.052	ug/l	N/A	5000	
Se	78	45	H2	0.091	ug/l	195.1	2000	
Sr	88	115	He	51.719	ug/l	3.3	5000	
Mo	95	115	He	0.143	ug/l	34.4	2000	
Ag	107	115	He	-0.009	ug/l	N/A	100	
Cd	111	115	He	0.040	ug/l	0.8	5000	
Sn	118	115	He	0.112	ug/l	288.2	200	
Sb	121	115	He	0.064	ug/l	24.3	200	
Ba	135	159	He	11.392	ug/l	8.2	20000	
Tl	205	209	He	-0.071	ug/l	N/A	1000	
[Pb]	206	209	He	0.183	ug/l	21.9		
[Pb]	207	209	He	0.146	ug/l	9.2		
Pb	208	209	He	0.161	ug/l	11.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1738037.14	2.9	103.0	60	125	
Sc (ISICPMS)	45	H2	870630.09	2.2	87.0	60	125	
Sc (ISICPMS)	45	He	31674.53	2.4	83.3	60	125	
Ge (IS)	74	H2	155247.33	1.2	87.9	60	125	
Ge (IS)	74	He	19681.01	1.2	87.3	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	50605.72	0.8	85.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	313996.97	0.6	88.0	60	125	
Bi (IS)	209	He	281684.94	0.9	88.5	60	125	

Sample Report

File Name 182SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:00:12

Sample Name **460-233145-F-25-F**

Comment ---

Dilution **1.0000**

Vial # 4307

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.005	ug/l	N/A	2000	
B	11	6	No Gas	201.302	ug/l	5.4	500	
Na	23	45	He	76516.466	ug/l	1.5	500000	
Mg	24	45	He	11067.715	ug/l	0.8	500000	
Al	27	45	He	2.855	ug/l	75.2	200000	
K	39	45	He	11569.093	ug/l	1.9	500000	
Ca	40	45	H2	82287.999	ug/l	0.4	500000	
Ti	47	45	He	0.320	ug/l	140.2	5000	
V	51	45	He	1.067	ug/l	5.9	5000	
Cr	52	45	He	-0.627	ug/l	N/A	20000	
Mn	55	45	He	47.871	ug/l	2.3	10000	
Fe	56	45	H2	2.619	ug/l	7.7	500000	
Co	59	45	He	0.092	ug/l	31.7	2000	
Ni	60	45	He	1.215	ug/l	19.7	20000	
Cu	63	45	He	0.546	ug/l	3.5	20000	
Zn	66	45	He	1.043	ug/l	34.7	20000	
As	75	45	He	0.687	ug/l	60.2	5000	
Se	78	45	H2	0.342	ug/l	64.2	2000	
Sr	88	115	He	551.082	ug/l	2.6	5000	
Mo	95	115	He	3.997	ug/l	1.7	2000	
Ag	107	115	He	-0.015	ug/l	N/A	100	
Cd	111	115	He	0.041	ug/l	173.2	5000	
Sn	118	115	He	-0.066	ug/l	N/A	200	
Sb	121	115	He	0.480	ug/l	20.7	200	
Ba	135	159	He	27.790	ug/l	13.3	20000	
Tl	205	209	He	-0.075	ug/l	N/A	1000	
[Pb]	206	209	He	0.099	ug/l	15.3		
[Pb]	207	209	He	0.097	ug/l	50.5		
Pb	208	209	He	0.120	ug/l	11.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1749612.28	3.6	103.7	60	125	
Sc (ISICPMS)	45	H2	902795.36	2.8	90.2	60	125	
Sc (ISICPMS)	45	He	32870.60	0.4	86.5	60	125	
Ge (IS)	74	H2	160639.91	1.4	91.0	60	125	
Ge (IS)	74	He	20282.56	2.5	89.9	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	49650.51	0.9	84.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	316102.45	1.5	88.6	60	125	
Bi (IS)	209	He	287144.07	1.2	90.2	60	125	

Sample Report

File Name 183SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:02:23

Sample Name **460-233145-F-26-F**

Comment ---

Dilution **1.0000**

Vial # 4308

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.008	ug/l	N/A	2000	
B	11	6	No Gas	172.883	ug/l	1.1	500	
Na	23	45	He	115410.635	ug/l	0.7	500000	
Mg	24	45	He	12420.861	ug/l	3.0	500000	
Al	27	45	He	0.717	ug/l	144.7	200000	
K	39	45	He	9840.857	ug/l	2.6	500000	
Ca	40	45	H2	67686.283	ug/l	0.8	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	-0.633	ug/l	N/A	5000	
Cr	52	45	He	-0.482	ug/l	N/A	20000	
Mn	55	45	He	276.342	ug/l	0.3	10000	
Fe	56	45	H2	1.032	ug/l	29.1	500000	
Co	59	45	He	8.497	ug/l	3.4	2000	
Ni	60	45	He	6.541	ug/l	0.9	20000	
Cu	63	45	He	0.266	ug/l	15.7	20000	
Zn	66	45	He	1.401	ug/l	19.2	20000	
As	75	45	He	0.548	ug/l	33.3	5000	
Se	78	45	H2	2.070	ug/l	30.6	2000	
Sr	88	115	He	369.900	ug/l	0.9	5000	
Mo	95	115	He	1.982	ug/l	13.1	2000	
Ag	107	115	He	-0.018	ug/l	N/A	100	
Cd	111	115	He	0.135	ug/l	17.5	5000	
Sn	118	115	He	0.191	ug/l	9.2	200	
Sb	121	115	He	0.202	ug/l	70.3	200	
Ba	135	159	He	44.352	ug/l	7.7	20000	
Tl	205	209	He	0.171	ug/l	12.2	1000	
[Pb]	206	209	He	0.089	ug/l	17.4		
[Pb]	207	209	He	0.084	ug/l	30.4		
Pb	208	209	He	0.080	ug/l	13.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1802038.12	0.9	106.8	60	125	
Sc (ISICPMS)	45	H2	884861.61	3.5	88.4	60	125	
Sc (ISICPMS)	45	He	33511.20	1.9	88.2	60	125	
Ge (IS)	74	H2	156231.12	1.2	88.5	60	125	
Ge (IS)	74	He	19590.96	3.2	86.9	60	125	
Kr	83	He	10.01	NaN	150.0			
In-1	115	He	50272.18	0.6	85.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	314672.05	0.8	88.2	60	125	
Bi (IS)	209	He	283755.95	1.2	89.2	60	125	

Sample Report

File Name 184SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:04:34

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.010	ug/l	N/A	2000	
B	11	6	No Gas	8.857	ug/l	1.0	500	
Na	23	45	He	182.115	ug/l	12.6	500000	
Mg	24	45	He	4.309	ug/l	13.6	500000	
Al	27	45	He	1.450	ug/l	93.3	200000	
K	39	45	He	57.989	ug/l	46.3	500000	
Ca	40	45	H2	23.428	ug/l	3.7	500000	
Ti	47	45	He	0.023	ug/l	1141.4	5000	
V	51	45	He	-0.328	ug/l	N/A	5000	
Cr	52	45	He	0.011	ug/l	3304.1	20000	
Mn	55	45	He	0.261	ug/l	94.4	10000	
Fe	56	45	H2	1.367	ug/l	10.3	500000	
Co	59	45	He	0.007	ug/l	269.2	2000	
Ni	60	45	He	0.234	ug/l	69.1	20000	
Cu	63	45	He	-0.016	ug/l	N/A	20000	
Zn	66	45	He	1.065	ug/l	43.7	20000	
As	75	45	He	0.011	ug/l	800.8	5000	
Se	78	45	H2	-0.053	ug/l	N/A	2000	
Sr	88	115	He	0.089	ug/l	46.5	5000	
Mo	95	115	He	0.022	ug/l	113.5	2000	
Ag	107	115	He	-0.002	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.153	ug/l	46.2	200	
Sb	121	115	He	0.081	ug/l	59.7	200	
Ba	135	159	He	-0.109	ug/l	N/A	20000	
Tl	205	209	He	-0.095	ug/l	N/A	1000	
[Pb]	206	209	He	0.146	ug/l	14.4		
[Pb]	207	209	He	0.097	ug/l	18.5		
Pb	208	209	He	0.113	ug/l	11.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1818313.48	3.9	107.7	60	125	
Sc (ISICPMS)	45	H2	911403.18	2.5	91.0	60	125	
Sc (ISICPMS)	45	He	32210.15	1.5	84.7	60	125	
Ge (IS)	74	H2	149911.31	1.9	84.9	60	125	
Ge (IS)	74	He	18698.60	1.7	82.9	60	125	
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	50052.70	1.7	84.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	312296.31	0.7	87.6	60	125	
Bi (IS)	209	He	281524.08	0.7	88.5	60	125	

Sample Report

File Name 185SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:06:46

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.012	ug/l	N/A	2000	
B	11	6	No Gas	5.523	ug/l	7.7	500	
Na	23	45	He	168.482	ug/l	12.7	500000	
Mg	24	45	He	2.807	ug/l	56.6	500000	
Al	27	45	He	1.528	ug/l	191.5	200000	
K	39	45	He	58.768	ug/l	14.2	500000	
Ca	40	45	H2	11.752	ug/l	13.7	500000	
Ti	47	45	He	0.025	ug/l	1070.8	5000	
V	51	45	He	-0.228	ug/l	N/A	5000	
Cr	52	45	He	-0.130	ug/l	N/A	20000	
Mn	55	45	He	0.177	ug/l	222.4	10000	
Fe	56	45	H2	1.210	ug/l	13.9	500000	
Co	59	45	He	0.014	ug/l	111.0	2000	
Ni	60	45	He	0.098	ug/l	110.7	20000	
Cu	63	45	He	0.115	ug/l	34.9	20000	
Zn	66	45	He	1.128	ug/l	62.2	20000	
As	75	45	He	0.101	ug/l	122.3	5000	
Se	78	45	H2	-0.029	ug/l	N/A	2000	
Sr	88	115	He	-0.057	ug/l	N/A	5000	
Mo	95	115	He	0.017	ug/l	173.2	2000	
Ag	107	115	He	-0.003	ug/l	N/A	100	
Cd	111	115	He	0.014	ug/l	173.2	5000	
Sn	118	115	He	0.085	ug/l	270.0	200	
Sb	121	115	He	0.048	ug/l	39.6	200	
Ba	135	159	He	0.077	ug/l	314.2	20000	
Tl	205	209	He	-0.097	ug/l	N/A	1000	
[Pb]	206	209	He	0.101	ug/l	39.7		
[Pb]	207	209	He	0.085	ug/l	22.9		
Pb	208	209	He	0.089	ug/l	24.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1712919.54	1.4	101.5	60	125	
Sc (ISICPMS)	45	H2	901325.90	0.4	90.0	60	125	
Sc (ISICPMS)	45	He	32096.66	2.8	84.4	60	125	
Ge (IS)	74	H2	149301.02	2.1	84.6	60	125	
Ge (IS)	74	He	19233.32	0.6	85.3	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	49372.17	1.1	83.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	310004.98	0.7	86.9	60	125	
Bi (IS)	209	He	280395.21	0.3	88.1	60	125	

Continuing Calibration Verification (CCV)

File Name 186_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:08:58

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	95.158	ug/l	1.8	100	90	110	
B	11	6	No Gas	247.142	ug/l	3.1	250	225	275	
Na	23	45	He	26529.898	ug/l	3.1	25000	22500	27500	
Mg	24	45	He	26353.173	ug/l	4.0	25000	22500	27500	
Al	27	45	He	25359.084	ug/l	1.0	25000	22500	27500	
K	39	45	He	25005.288	ug/l	1.0	25000	22500	27500	
Ca	40	45	H2	24923.237	ug/l	1.2	25000	22500	27500	
Ti	47	45	He	94.851	ug/l	3.9	100	90	110	
V	51	45	He	99.088	ug/l	2.0	100	90	110	
Cr	52	45	He	98.322	ug/l	3.3	100	90	110	
Mn	55	45	He	101.014	ug/l	4.4	100	90	110	
Fe	56	45	H2	25301.858	ug/l	3.0	25000	22500	27500	
Co	59	45	He	101.653	ug/l	2.8	100	90	110	
Ni	60	45	He	100.096	ug/l	1.9	100	90	110	
Cu	63	45	He	103.603	ug/l	2.1	100	90	110	
Zn	66	45	He	257.435	ug/l	4.1	250	225	275	
As	75	45	He	98.931	ug/l	0.9	100	90	110	
Se	78	45	H2	109.012	ug/l	2.1	100	90	110	
Sr	88	115	He	94.223	ug/l	4.4	100	90	110	
Mo	95	115	He	100.380	ug/l	1.8	100	90	110	
Ag	107	115	He	50.580	ug/l	0.3	50	45	55	
Cd	111	115	He	103.619	ug/l	5.2	100	90	110	
Sn	118	115	He	103.083	ug/l	3.1	100	90	110	
Sb	121	115	He	99.411	ug/l	0.8	100	90	110	
Ba	135	159	He	93.780	ug/l	2.5	100	90	110	
Tl	205	209	He	98.995	ug/l	2.4	100	90	110	
[Pb]	206	209	He	100.749	ug/l	0.2				
[Pb]	207	209	He	97.151	ug/l	3.7				
Pb	208	209	He	98.604	ug/l	1.3	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1713632.06	1.6	101.5	60	125	
Sc (ISICPMS)	45	H2	869515.92	1.9	86.9	60	125	
Sc (ISICPMS)	45	He	31569.86	1.2	83.0	60	125	
Ge (IS)	74	H2	149914.04	3.8	84.9	60	125	
Ge (IS)	74	He	18949.23	2.7	84.0	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	48255.38	1.3	81.6	60	125	
Tb (IS)	159	He	310589.18	0.5	87.1	60	125	
Bi (IS)	209	He	278170.12	0.8	87.4	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 187_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:11:07

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.016	ug/l	111.3	0.8	-0.8	0.8	
B	11	6	No Gas	8.752	ug/l	7.8	40	-40	40	
Na	23	45	He	126.703	ug/l	6.1	500	-500	500	
Mg	24	45	He	4.176	ug/l	9.4	200	-200	200	
Al	27	45	He	2.483	ug/l	21.8	40	-40	40	
K	39	45	He	55.261	ug/l	48.8	200	-200	200	
Ca	40	45	H2	11.899	ug/l	13.5	500	-500	500	
Ti	47	45	He	0.023	ug/l	1170.6	4	-4	4	
V	51	45	He	-0.405	ug/l	N/A	4	-4	4	
Cr	52	45	He	-0.196	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.024	ug/l	204.6	8	-8	8	
Fe	56	45	H2	4.628	ug/l	6.8	60	-60	60	
Co	59	45	He	0.015	ug/l	159.6	4	-4	4	
Ni	60	45	He	0.159	ug/l	135.2	4	-4	4	
Cu	63	45	He	0.053	ug/l	27.0	4	-4	4	
Zn	66	45	He	0.784	ug/l	35.2	16	-16	16	
As	75	45	He	-0.027	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.042	ug/l	86.4	2.5	-2.5	2.5	
Sr	88	115	He	0.014	ug/l	988.1	4	-4	4	
Mo	95	115	He	0.039	ug/l	64.3	4	-4	4	
Ag	107	115	He	0.006	ug/l	107.0	2	-2	2	
Cd	111	115	He	0.055	ug/l	116.2	2	-2	2	
Sn	118	115	He	0.232	ug/l	8.7	16	-16	16	
Sb	121	115	He	0.080	ug/l	52.6	2	-2	2	
Ba	135	159	He	-0.201	ug/l	0.0	4	-4	4	
Tl	205	209	He	-0.053	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.080	ug/l	38.9				
[Pb]	207	209	He	0.108	ug/l	17.4				
Pb	208	209	He	0.090	ug/l	10.1	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1761708.50	4.1	104.4	60	125	
Sc (ISICPMS)	45	H2	875156.37	2.7	87.4	60	125	
Sc (ISICPMS)	45	He	32486.41	1.8	85.5	60	125	
Ge (IS)	74	H2	150354.60	2.0	85.2	60	125	
Ge (IS)	74	He	18909.26	2.7	83.8	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	50071.44	2.6	84.7	60	125	
Tb (IS)	159	He	312535.81	1.1	87.6	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	282017.06	2.1	88.6	60	125	

Sample Report

File Name 188SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:13:20

Sample Name **MB 460-775723/1-A**

Comment ---

Dilution **1.0000**

Vial # 4401

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.009	ug/l	21.7	2000	
B	11	6	No Gas	5.080	ug/l	9.0	500	
Na	23	45	He	137.104	ug/l	12.5	500000	
Mg	24	45	He	1.590	ug/l	80.8	500000	
Al	27	45	He	1.674	ug/l	41.9	200000	
K	39	45	He	42.350	ug/l	11.4	500000	
Ca	40	45	H2	8.020	ug/l	5.9	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	-0.431	ug/l	N/A	5000	
Cr	52	45	He	-0.330	ug/l	N/A	20000	
Mn	55	45	He	0.071	ug/l	161.0	10000	
Fe	56	45	H2	2.878	ug/l	3.4	500000	
Co	59	45	He	0.010	ug/l	210.5	2000	
Ni	60	45	He	0.192	ug/l	44.5	20000	
Cu	63	45	He	0.036	ug/l	58.1	20000	
Zn	66	45	He	0.838	ug/l	50.3	20000	
As	75	45	He	-0.134	ug/l	N/A	5000	
Se	78	45	H2	0.080	ug/l	93.3	2000	
Sr	88	115	He	-0.012	ug/l	N/A	5000	
Mo	95	115	He	0.006	ug/l	173.2	2000	
Ag	107	115	He	-0.007	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	-0.021	ug/l	N/A	200	
Sb	121	115	He	0.038	ug/l	54.3	200	
Ba	135	159	He	-0.063	ug/l	N/A	20000	
Tl	205	209	He	-0.080	ug/l	N/A	1000	
[Pb]	206	209	He	0.081	ug/l	39.7		
[Pb]	207	209	He	0.060	ug/l	57.1		
Pb	208	209	He	0.087	ug/l	6.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1719879.54	4.0	101.9	60	125	
Sc (ISICPMS)	45	H2	904431.18	0.9	90.4	60	125	
Sc (ISICPMS)	45	He	32605.59	1.0	85.8	60	125	
Ge (IS)	74	H2	152339.51	2.2	86.3	60	125	
Ge (IS)	74	He	18598.46	4.2	82.5	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	49611.26	1.9	83.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	312805.46	1.6	87.7	60	125	
Bi (IS)	209	He	285148.40	0.6	89.6	60	125	

Sample Report

File Name 189SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:15:33

Sample Name **LCS 460-775723/2-A**

Comment ---

Dilution **1.0000**

Vial # 4402

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	25.911	ug/l	5.6	2000	
B	11	6	No Gas	500.464	ug/l	0.6	500	>LDR 6020B
Na	23	45	He	3162.029	ug/l	4.1	500000	
Mg	24	45	He	2874.294	ug/l	3.2	500000	
Al	27	45	He	2731.310	ug/l	3.0	200000	
K	39	45	He	2776.750	ug/l	1.5	500000	
Ca	40	45	H2	2686.433	ug/l	2.8	500000	
Ti	47	45	He	54.313	ug/l	6.6	5000	
V	51	45	He	54.376	ug/l	3.9	5000	
Cr	52	45	He	55.130	ug/l	4.3	20000	
Mn	55	45	He	280.804	ug/l	2.2	10000	
Fe	56	45	H2	2827.522	ug/l	1.8	500000	
Co	59	45	He	27.811	ug/l	2.8	2000	
Ni	60	45	He	57.293	ug/l	2.3	20000	
Cu	63	45	He	57.156	ug/l	2.4	20000	
Zn	66	45	He	270.109	ug/l	2.5	20000	
As	75	45	He	53.758	ug/l	0.3	5000	
Se	78	45	H2	55.542	ug/l	3.9	2000	
Sr	88	115	He	53.564	ug/l	1.4	5000	
Mo	95	115	He	55.164	ug/l	3.3	2000	
Ag	107	115	He	27.322	ug/l	2.5	100	
Cd	111	115	He	28.216	ug/l	3.0	5000	
Sn	118	115	He	55.183	ug/l	3.3	200	
Sb	121	115	He	27.140	ug/l	1.0	200	
Ba	135	159	He	56.515	ug/l	2.1	20000	
Tl	205	209	He	21.154	ug/l	2.1	1000	
[Pb]	206	209	He	27.782	ug/l	2.1		
[Pb]	207	209	He	26.933	ug/l	2.5		
Pb	208	209	He	27.056	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1785411.76	3.6	105.8	60	125	
Sc (ISICPMS)	45	H2	912861.28	2.8	91.2	60	125	
Sc (ISICPMS)	45	He	32854.03	1.9	86.4	60	125	
Ge (IS)	74	H2	151058.04	4.6	85.6	60	125	
Ge (IS)	74	He	18698.72	1.8	82.9	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	50048.11	0.5	84.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	317752.26	0.5	89.1	60	125	
Bi (IS)	209	He	289097.26	1.4	90.8	60	125	

Sample Report

File Name 190SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:17:44

Sample Name **460-233096-E-1-D MS**

Comment ---

Dilution **1.0000**

Vial # 4403

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	26.561	ug/l	4.2	2000	
B	11	6	No Gas	1443.643	ug/l	4.5	500	>LDR 6020B
Na	23	45	He	2301197.210	ug/l	2.6	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	255624.380	ug/l	2.2	500000	
Al	27	45	He	2610.613	ug/l	2.3	200000	
K	39	45	He	82033.541	ug/l	3.1	500000	
Ca	40	45	H2	124410.749	ug/l	3.3	500000	
Ti	47	45	He	56.213	ug/l	4.4	5000	
V	51	45	He	52.035	ug/l	2.6	5000	
Cr	52	45	He	50.936	ug/l	2.7	20000	
Mn	55	45	He	590.666	ug/l	1.7	10000	
Fe	56	45	H2	2709.090	ug/l	0.6	500000	
Co	59	45	He	25.874	ug/l	4.3	2000	
Ni	60	45	He	52.152	ug/l	4.2	20000	
Cu	63	45	He	53.096	ug/l	2.8	20000	
Zn	66	45	He	254.378	ug/l	4.1	20000	
As	75	45	He	54.466	ug/l	4.1	5000	
Se	78	45	H2	57.529	ug/l	9.0	2000	
Sr	88	115	He	1757.762	ug/l	2.1	5000	
Mo	95	115	He	56.006	ug/l	2.6	2000	
Ag	107	115	He	24.869	ug/l	2.4	100	
Cd	111	115	He	27.176	ug/l	6.0	5000	
Sn	118	115	He	52.421	ug/l	4.6	200	
Sb	121	115	He	24.758	ug/l	1.1	200	
Ba	135	159	He	227.773	ug/l	1.3	20000	
Tl	205	209	He	20.719	ug/l	2.9	1000	
[Pb]	206	209	He	27.169	ug/l	0.9		
[Pb]	207	209	He	26.328	ug/l	3.2		
Pb	208	209	He	26.424	ug/l	3.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1649849.11	2.1	97.7	60	125	
Sc (ISICPMS)	45	H2	910079.16	3.5	90.9	60	125	
Sc (ISICPMS)	45	He	36183.42	2.7	95.2	60	125	
Ge (IS)	74	H2	160001.53	2.1	90.6	60	125	
Ge (IS)	74	He	21636.02	2.1	95.9	60	125	
Kr	83	He	16.68	34.6	250.0			
In-1	115	He	52781.76	1.2	89.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	333247.72	0.9	93.4	60	125	
Bi (IS)	209	He	278847.94	3.1	87.6	60	125	

Sample Report

File Name 191SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:19:53

Sample Name **460-233096-E-1-C DU**

Comment ---

Dilution **1.0000**

Vial # 4404

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.036	ug/l	61.0	2000	
B	11	6	No Gas	951.082	ug/l	3.2	500	>LDR 6020B
Na	23	45	He	2332621.646	ug/l	3.4	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	261482.286	ug/l	1.3	500000	
Al	27	45	He	1.725	ug/l	119.8	200000	
K	39	45	He	83211.247	ug/l	2.1	500000	
Ca	40	45	H2	127873.678	ug/l	3.0	500000	
Ti	47	45	He	0.262	ug/l	148.7	5000	
V	51	45	He	0.225	ug/l	84.4	5000	
Cr	52	45	He	0.113	ug/l	59.9	20000	
Mn	55	45	He	342.807	ug/l	2.3	10000	
Fe	56	45	H2	131.300	ug/l	2.4	500000	
Co	59	45	He	0.571	ug/l	10.3	2000	
Ni	60	45	He	2.516	ug/l	5.9	20000	
Cu	63	45	He	2.734	ug/l	2.5	20000	
Zn	66	45	He	6.246	ug/l	11.5	20000	
As	75	45	He	0.745	ug/l	32.3	5000	
Se	78	45	H2	0.334	ug/l	26.2	2000	
Sr	88	115	He	1717.351	ug/l	1.0	5000	
Mo	95	115	He	2.178	ug/l	10.9	2000	
Ag	107	115	He	-0.013	ug/l	N/A	100	
Cd	111	115	He	0.037	ug/l	99.7	5000	
Sn	118	115	He	-0.017	ug/l	N/A	200	
Sb	121	115	He	0.412	ug/l	2.4	200	
Ba	135	159	He	186.747	ug/l	3.7	20000	
Tl	205	209	He	-0.088	ug/l	N/A	1000	
[Pb]	206	209	He	0.200	ug/l	36.3		
[Pb]	207	209	He	0.132	ug/l	32.4		
Pb	208	209	He	0.154	ug/l	10.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1881314.82	3.5	111.5	60	125	
Sc (ISICPMS)	45	H2	963913.67	1.7	96.3	60	125	
Sc (ISICPMS)	45	He	37347.68	1.5	98.2	60	125	
Ge (IS)	74	H2	173782.10	2.0	98.4	60	125	
Ge (IS)	74	He	22732.31	3.0	100.8	60	125	
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	55340.28	0.7	93.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	342983.77	0.5	96.2	60	125	
Bi (IS)	209	He	285327.24	1.4	89.7	60	125	

Sample Report

File Name 192SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:22:03

Sample Name **460-233096-E-1-B**

Comment ---

Dilution **1.0000**

Vial # 4405

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.014	ug/l	111.7	2000	
B	11	6	No Gas	936.771	ug/l	2.6	500	>LDR 6020B
Na	23	45	He	2291045.334	ug/l	2.9	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	256881.471	ug/l	0.5	500000	
Al	27	45	He	1.815	ug/l	199.5	200000	
K	39	45	He	83513.616	ug/l	2.8	500000	
Ca	40	45	H2	120065.509	ug/l	2.5	500000	
Ti	47	45	He	0.510	ug/l	88.5	5000	
V	51	45	He	0.505	ug/l	11.8	5000	
Cr	52	45	He	0.018	ug/l	889.1	20000	
Mn	55	45	He	342.233	ug/l	1.6	10000	
Fe	56	45	H2	122.412	ug/l	2.0	500000	
Co	59	45	He	0.511	ug/l	6.9	2000	
Ni	60	45	He	2.217	ug/l	10.3	20000	
Cu	63	45	He	2.628	ug/l	5.4	20000	
Zn	66	45	He	6.776	ug/l	17.2	20000	
As	75	45	He	0.883	ug/l	29.5	5000	
Se	78	45	H2	0.183	ug/l	16.7	2000	
Sr	88	115	He	1740.848	ug/l	0.9	5000	
Mo	95	115	He	2.490	ug/l	2.8	2000	
Ag	107	115	He	-0.016	ug/l	N/A	100	
Cd	111	115	He	0.036	ug/l	99.8	5000	
Sn	118	115	He	0.089	ug/l	159.0	200	
Sb	121	115	He	0.396	ug/l	21.2	200	
Ba	135	159	He	187.891	ug/l	3.2	20000	
Tl	205	209	He	-0.085	ug/l	N/A	1000	
[Pb]	206	209	He	0.161	ug/l	23.8		
[Pb]	207	209	He	0.148	ug/l	28.9		
Pb	208	209	He	0.162	ug/l	10.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1987793.39	0.8	117.8	60	125	
Sc (ISICPMS)	45	H2	1048030.15	2.2	104.7	60	125	
Sc (ISICPMS)	45	He	38748.18	1.8	101.9	60	125	
Ge (IS)	74	H2	180764.61	0.5	102.4	60	125	
Ge (IS)	74	He	23460.99	4.7	104.0	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	56897.75	0.4	96.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	351777.00	0.5	98.6	60	125	
Bi (IS)	209	He	288938.02	0.4	90.8	60	125	

Sample Report

File Name 193SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:24:14

Sample Name **sd 460-233096-E-1-B**

Comment ---

Dilution **1.0000**

Vial # 4406

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.013	ug/l	96.1	2000	
B	11	6	No Gas	199.720	ug/l	1.5	500	
Na	23	45	He	462806.525	ug/l	2.0	500000	>LDR 200.8
Mg	24	45	He	53315.919	ug/l	1.8	500000	
Al	27	45	He	3.417	ug/l	77.7	200000	
K	39	45	He	16950.482	ug/l	1.4	500000	
Ca	40	45	H2	24829.495	ug/l	2.2	500000	
Ti	47	45	He	0.243	ug/l	153.4	5000	
V	51	45	He	0.833	ug/l	16.4	5000	
Cr	52	45	He	-0.590	ug/l	N/A	20000	
Mn	55	45	He	68.669	ug/l	1.9	10000	
Fe	56	45	H2	26.917	ug/l	5.3	500000	
Co	59	45	He	0.113	ug/l	15.6	2000	
Ni	60	45	He	0.543	ug/l	19.0	20000	
Cu	63	45	He	0.758	ug/l	8.4	20000	
Zn	66	45	He	2.191	ug/l	35.7	20000	
As	75	45	He	0.272	ug/l	57.9	5000	
Se	78	45	H2	0.122	ug/l	105.9	2000	
Sr	88	115	He	355.277	ug/l	3.3	5000	
Mo	95	115	He	0.452	ug/l	15.2	2000	
Ag	107	115	He	0.002	ug/l	560.2	100	
Cd	111	115	He	0.011	ug/l	173.2	5000	
Sn	118	115	He	0.023	ug/l	310.9	200	
Sb	121	115	He	0.158	ug/l	21.0	200	
Ba	135	159	He	37.870	ug/l	1.5	20000	
Tl	205	209	He	-0.092	ug/l	N/A	1000	
[Pb]	206	209	He	0.073	ug/l	39.4		
[Pb]	207	209	He	0.042	ug/l	80.7		
Pb	208	209	He	0.068	ug/l	28.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2118219.79	1.4	125.5	60	125	fail
Sc (ISICPMS)	45	H2	1064304.46	1.4	106.3	60	125	
Sc (ISICPMS)	45	He	39941.53	1.1	105.1	60	125	
Ge (IS)	74	H2	187480.01	1.1	106.2	60	125	
Ge (IS)	74	He	23919.03	3.1	106.1	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	58039.80	2.3	98.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	354244.57	0.4	99.3	60	125	
Bi (IS)	209	He	304658.42	1.0	95.7	60	125	

Sample Report

File Name 194SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:26:24

Sample Name **460-233096-E-4-B**

Comment ---

Dilution **1.0000**

Vial # 4407

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.009	ug/l	159.8	2000	
B	11	6	No Gas	1763.114	ug/l	4.2	500	>LDR 6020B
Na	23	45	He	4022452.769	ug/l	1.3	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	460002.112	ug/l	2.0	500000	>LDR 200.8
Al	27	45	He	3.517	ug/l	40.4	200000	
K	39	45	He	139453.484	ug/l	1.0	500000	
Ca	40	45	H2	169382.896	ug/l	1.8	500000	
Ti	47	45	He	0.236	ug/l	155.8	5000	
V	51	45	He	1.205	ug/l	14.0	5000	
Cr	52	45	He	-0.718	ug/l	N/A	20000	
Mn	55	45	He	35.032	ug/l	1.9	10000	
Fe	56	45	H2	120.103	ug/l	1.0	500000	
Co	59	45	He	0.132	ug/l	30.3	2000	
Ni	60	45	He	0.949	ug/l	3.6	20000	
Cu	63	45	He	1.683	ug/l	10.0	20000	
Zn	66	45	He	3.282	ug/l	20.3	20000	
As	75	45	He	2.377	ug/l	13.2	5000	
Se	78	45	H2	0.219	ug/l	13.6	2000	
Sr	88	115	He	2974.490	ug/l	1.1	5000	
Mo	95	115	He	4.746	ug/l	2.5	2000	
Ag	107	115	He	-0.023	ug/l	N/A	100	
Cd	111	115	He	0.023	ug/l	86.6	5000	
Sn	118	115	He	-0.116	ug/l	N/A	200	
Sb	121	115	He	0.503	ug/l	16.6	200	
Ba	135	159	He	47.392	ug/l	4.6	20000	
Tl	205	209	He	-0.093	ug/l	N/A	1000	
[Pb]	206	209	He	0.156	ug/l	46.1		
[Pb]	207	209	He	0.117	ug/l	11.2		
Pb	208	209	He	0.147	ug/l	8.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1957178.03	1.0	116.0	60	125	
Sc (ISICPMS)	45	H2	1054482.94	0.9	105.3	60	125	
Sc (ISICPMS)	45	He	40591.43	0.9	106.8	60	125	
Ge (IS)	74	H2	184322.71	0.7	104.4	60	125	
Ge (IS)	74	He	23912.16	2.9	106.0	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	58097.88	1.3	98.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	348889.58	1.1	97.8	60	125	
Bi (IS)	209	He	285527.54	1.8	89.7	60	125	

Sample Report

File Name 195SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:28:33

Sample Name **460-233096-E-7-B**

Comment ---

Dilution **1.0000**

Vial # 4408

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.013	ug/l	N/A	2000	
B	11	6	No Gas	94.698	ug/l	1.7	500	
Na	23	45	He	200066.559	ug/l	3.0	500000	
Mg	24	45	He	12813.868	ug/l	1.7	500000	
Al	27	45	He	0.685	ug/l	27.1	200000	
K	39	45	He	9383.590	ug/l	1.5	500000	
Ca	40	45	H2	34073.672	ug/l	3.3	500000	
Ti	47	45	He	0.361	ug/l	60.7	5000	
V	51	45	He	1.308	ug/l	5.6	5000	
Cr	52	45	He	-0.322	ug/l	N/A	20000	
Mn	55	45	He	117.361	ug/l	1.1	10000	
Fe	56	45	H2	1110.017	ug/l	1.7	500000	
Co	59	45	He	0.125	ug/l	8.4	2000	
Ni	60	45	He	1.491	ug/l	10.9	20000	
Cu	63	45	He	3.515	ug/l	4.2	20000	
Zn	66	45	He	5.357	ug/l	5.7	20000	
As	75	45	He	1.333	ug/l	22.8	5000	
Se	78	45	H2	0.211	ug/l	111.3	2000	
Sr	88	115	He	239.664	ug/l	0.9	5000	
Mo	95	115	He	0.575	ug/l	4.9	2000	
Ag	107	115	He	-0.006	ug/l	N/A	100	
Cd	111	115	He	0.012	ug/l	173.2	5000	
Sn	118	115	He	0.016	ug/l	1917.2	200	
Sb	121	115	He	0.249	ug/l	28.5	200	
Ba	135	159	He	81.991	ug/l	3.2	20000	
Tl	205	209	He	-0.096	ug/l	N/A	1000	
[Pb]	206	209	He	0.275	ug/l	16.8		
[Pb]	207	209	He	0.238	ug/l	7.6		
Pb	208	209	He	0.250	ug/l	2.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2255622.15	1.1	133.6	60	125	fail
Sc (ISICPMS)	45	H2	1091341.62	3.5	109.0	60	125	
Sc (ISICPMS)	45	He	40337.06	1.3	106.1	60	125	
Ge (IS)	74	H2	194043.15	3.5	109.9	60	125	
Ge (IS)	74	He	24500.47	4.4	108.6	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	59075.15	1.3	100.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	357034.87	1.1	100.1	60	125	
Bi (IS)	209	He	314809.09	1.7	98.9	60	125	

Sample Report

File Name 196SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:30:42

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.008	ug/l	106.3	2000	
B	11	6	No Gas	17.047	ug/l	2.4	500	
Na	23	45	He	813.773	ug/l	3.0	500000	
Mg	24	45	He	32.246	ug/l	16.7	500000	
Al	27	45	He	0.252	ug/l	1017.3	200000	
K	39	45	He	91.593	ug/l	14.8	500000	
Ca	40	45	H2	20.952	ug/l	5.6	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	1.532	ug/l	24.0	5000	
Cr	52	45	He	-0.522	ug/l	N/A	20000	
Mn	55	45	He	0.027	ug/l	148.8	10000	
Fe	56	45	H2	1.391	ug/l	26.8	500000	
Co	59	45	He	-0.013	ug/l	N/A	2000	
Ni	60	45	He	0.123	ug/l	94.2	20000	
Cu	63	45	He	0.031	ug/l	237.2	20000	
Zn	66	45	He	0.839	ug/l	8.3	20000	
As	75	45	He	0.154	ug/l	65.1	5000	
Se	78	45	H2	-0.063	ug/l	N/A	2000	
Sr	88	115	He	0.229	ug/l	11.2	5000	
Mo	95	115	He	0.009	ug/l	173.2	2000	
Ag	107	115	He	0.011	ug/l	164.0	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.029	ug/l	766.5	200	
Sb	121	115	He	0.022	ug/l	45.6	200	
Ba	135	159	He	-0.119	ug/l	N/A	20000	
Tl	205	209	He	-0.093	ug/l	N/A	1000	
[Pb]	206	209	He	0.055	ug/l	95.8		
[Pb]	207	209	He	0.062	ug/l	41.3		
Pb	208	209	He	0.054	ug/l	25.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2145543.96	2.5	127.1	60	125	fail
Sc (ISICPMS)	45	H2	1047587.96	1.0	104.7	60	125	
Sc (ISICPMS)	45	He	38931.90	0.6	102.4	60	125	
Ge (IS)	74	H2	175848.85	0.7	99.6	60	125	
Ge (IS)	74	He	22404.75	4.1	99.3	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	58140.82	1.2	98.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	348022.55	0.9	97.6	60	125	
Bi (IS)	209	He	309084.08	0.6	97.1	60	125	

Sample Report

File Name 197SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:32:54

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.008	ug/l	N/A	2000	
B	11	6	No Gas	11.470	ug/l	1.0	500	
Na	23	45	He	650.659	ug/l	4.2	500000	
Mg	24	45	He	20.043	ug/l	5.6	500000	
Al	27	45	He	-0.204	ug/l	N/A	200000	
K	39	45	He	61.520	ug/l	12.5	500000	
Ca	40	45	H2	12.970	ug/l	11.6	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	1.645	ug/l	20.6	5000	
Cr	52	45	He	-0.401	ug/l	N/A	20000	
Mn	55	45	He	-0.114	ug/l	N/A	10000	
Fe	56	45	H2	1.021	ug/l	11.7	500000	
Co	59	45	He	-0.021	ug/l	N/A	2000	
Ni	60	45	He	0.072	ug/l	96.9	20000	
Cu	63	45	He	0.032	ug/l	41.1	20000	
Zn	66	45	He	0.530	ug/l	41.2	20000	
As	75	45	He	0.142	ug/l	150.9	5000	
Se	78	45	H2	-0.081	ug/l	N/A	2000	
Sr	88	115	He	0.159	ug/l	14.9	5000	
Mo	95	115	He	0.020	ug/l	115.0	2000	
Ag	107	115	He	0.006	ug/l	115.7	100	
Cd	111	115	He	0.012	ug/l	173.2	5000	
Sn	118	115	He	-0.040	ug/l	N/A	200	
Sb	121	115	He	0.049	ug/l	68.9	200	
Ba	135	159	He	-0.201	ug/l	0.0	20000	
Tl	205	209	He	-0.094	ug/l	N/A	1000	
[Pb]	206	209	He	0.034	ug/l	136.1		
[Pb]	207	209	He	0.023	ug/l	142.7		
Pb	208	209	He	0.030	ug/l	25.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	2119081.18	0.3	125.5	60	125	fail
Sc (ISICPMS)	45	H2	1017879.85	1.5	101.7	60	125	
Sc (ISICPMS)	45	He	38477.53	2.5	101.2	60	125	
Ge (IS)	74	H2	170882.64	1.9	96.8	60	125	
Ge (IS)	74	He	21903.36	0.2	97.1	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	56764.22	0.5	96.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	345696.60	0.8	96.9	60	125	
Bi (IS)	209	He	306654.65	0.6	96.4	60	125	

Continuing Calibration Verification (CCV)

File Name 198_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:35:06

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	90.679	ug/l	0.8	100	90	110	
B	11	6	No Gas	237.458	ug/l	1.6	250	225	275	
Na	23	45	He	26878.491	ug/l	5.0	25000	22500	27500	
Mg	24	45	He	26373.249	ug/l	5.7	25000	22500	27500	
Al	27	45	He	25028.595	ug/l	3.3	25000	22500	27500	
K	39	45	He	25138.934	ug/l	4.3	25000	22500	27500	
Ca	40	45	H2	25515.649	ug/l	4.3	25000	22500	27500	
Ti	47	45	He	99.170	ug/l	4.2	100	90	110	
V	51	45	He	96.849	ug/l	3.0	100	90	110	
Cr	52	45	He	98.562	ug/l	4.1	100	90	110	
Mn	55	45	He	98.607	ug/l	3.3	100	90	110	
Fe	56	45	H2	24354.591	ug/l	3.6	25000	22500	27500	
Co	59	45	He	96.549	ug/l	2.7	100	90	110	
Ni	60	45	He	97.992	ug/l	4.5	100	90	110	
Cu	63	45	He	98.175	ug/l	1.1	100	90	110	
Zn	66	45	He	242.602	ug/l	3.8	250	225	275	
As	75	45	He	99.957	ug/l	2.8	100	90	110	
Se	78	45	H2	105.768	ug/l	4.8	100	90	110	
Sr	88	115	He	95.574	ug/l	2.8	100	90	110	
Mo	95	115	He	96.521	ug/l	2.8	100	90	110	
Ag	107	115	He	50.389	ug/l	0.9	50	45	55	
Cd	111	115	He	99.276	ug/l	2.1	100	90	110	
Sn	118	115	He	102.059	ug/l	0.9	100	90	110	
Sb	121	115	He	98.545	ug/l	1.7	100	90	110	
Ba	135	159	He	98.174	ug/l	0.8	100	90	110	
Tl	205	209	He	102.372	ug/l	1.1	100	90	110	
[Pb]	206	209	He	100.644	ug/l	1.8				
[Pb]	207	209	He	99.702	ug/l	2.9				
Pb	208	209	He	100.695	ug/l	1.7	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	2007466.34	2.3	118.9	60	125	
Sc (ISICPMS)	45	H2	957792.79	1.4	95.7	60	125	
Sc (ISICPMS)	45	He	35144.11	2.3	92.4	60	125	
Ge (IS)	74	H2	162592.59	6.4	92.1	60	125	
Ge (IS)	74	He	20636.96	1.8	91.5	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	52655.13	1.6	89.1	60	125	
Tb (IS)	159	He	318938.33	2.1	89.4	60	125	
Bi (IS)	209	He	282484.85	0.6	88.8	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 199_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:37:15

Sample Name **CCB**

Comment ---

Dilution 1.0000

Analyte Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.025	ug/l	36.1	0.8	-0.8	0.8	
B	11	6	No Gas	13.168	ug/l	2.9	40	-40	40	
Na	23	45	He	597.311	ug/l	1.2	500	-500	500	> water RL
Mg	24	45	He	22.092	ug/l	4.0	200	-200	200	
Al	27	45	He	1.673	ug/l	49.3	40	-40	40	
K	39	45	He	95.506	ug/l	8.3	200	-200	200	
Ca	40	45	H2	12.850	ug/l	7.7	500	-500	500	
Ti	47	45	He	-0.130	ug/l	N/A	4	-4	4	
V	51	45	He	1.146	ug/l	9.6	4	-4	4	
Cr	52	45	He	-0.274	ug/l	N/A	4	-4	4	
Mn	55	45	He	0.075	ug/l	146.7	8	-8	8	
Fe	56	45	H2	4.783	ug/l	7.8	60	-60	60	
Co	59	45	He	-0.015	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.115	ug/l	98.1	4	-4	4	
Cu	63	45	He	0.102	ug/l	72.5	4	-4	4	
Zn	66	45	He	1.064	ug/l	38.6	16	-16	16	
As	75	45	He	0.102	ug/l	160.4	2	-2	2	
Se	78	45	H2	-0.057	ug/l	N/A	2.5	-2.5	2.5	
Sr	88	115	He	0.089	ug/l	30.3	4	-4	4	
Mo	95	115	He	0.036	ug/l	67.2	4	-4	4	
Ag	107	115	He	0.016	ug/l	72.9	2	-2	2	
Cd	111	115	He	0.012	ug/l	173.2	2	-2	2	
Sn	118	115	He	0.164	ug/l	86.4	16	-16	16	
Sb	121	115	He	0.094	ug/l	30.5	2	-2	2	
Ba	135	159	He	-0.201	ug/l	0.0	4	-4	4	
Tl	205	209	He	-0.055	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.052	ug/l	23.4				
[Pb]	207	209	He	0.022	ug/l	77.2				
Pb	208	209	He	0.050	ug/l	14.1	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1913360.44	3.3	113.4	60	125	
Sc (ISICPMS)	45	H2	961813.27	1.5	96.1	60	125	
Sc (ISICPMS)	45	He	34711.74	1.5	91.3	60	125	
Ge (IS)	74	H2	163073.70	1.2	92.4	60	125	
Ge (IS)	74	He	20971.09	2.3	93.0	60	125	
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	54243.41	2.6	91.8	60	125	
Tb (IS)	159	He	329984.37	1.9	92.5	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	297478.55	0.8	93.5	60	125	

Sample Report

File Name 200SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:39:28

Sample Name **460-233011-G-4-A@5**

Comment ---

Dilution **1.0000**

Vial # 4501

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.013	ug/l	91.5	2000	
B	11	6	No Gas	69.729	ug/l	1.8	500	
Na	23	45	He	51271.272	ug/l	3.6	500000	
Mg	24	45	He	8990.753	ug/l	3.5	500000	
Al	27	45	He	2.487	ug/l	104.1	200000	
K	39	45	He	1907.408	ug/l	3.7	500000	
Ca	40	45	H2	33113.484	ug/l	1.9	500000	
Ti	47	45	He	0.433	ug/l	112.6	5000	
V	51	45	He	2.523	ug/l	6.5	5000	
Cr	52	45	He	26.654	ug/l	2.1	20000	
Mn	55	45	He	3658.697	ug/l	2.9	10000	
Fe	56	45	H2	1961.253	ug/l	1.5	500000	
Co	59	45	He	0.236	ug/l	22.3	2000	
Ni	60	45	He	2.915	ug/l	8.8	20000	
Cu	63	45	He	0.010	ug/l	795.1	20000	
Zn	66	45	He	1.457	ug/l	20.2	20000	
As	75	45	He	1.186	ug/l	9.9	5000	
Se	78	45	H2	0.168	ug/l	40.9	2000	
Sr	88	115	He	105.990	ug/l	2.5	5000	
Mo	95	115	He	0.043	ug/l	20.9	2000	
Ag	107	115	He	-0.003	ug/l	N/A	100	
Cd	111	115	He	0.013	ug/l	173.2	5000	
Sn	118	115	He	0.026	ug/l	680.0	200	
Sb	121	115	He	0.088	ug/l	43.3	200	
Ba	135	159	He	16.048	ug/l	10.0	20000	
Tl	205	209	He	-0.081	ug/l	N/A	1000	
[Pb]	206	209	He	0.047	ug/l	113.0		
[Pb]	207	209	He	0.023	ug/l	62.4		
Pb	208	209	He	0.029	ug/l	47.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1943816.33	2.2	115.2	60	125	
Sc (ISICPMS)	45	H2	972919.80	2.6	97.2	60	125	
Sc (ISICPMS)	45	He	34955.77	1.0	92.0	60	125	
Ge (IS)	74	H2	167195.28	0.3	94.7	60	125	
Ge (IS)	74	He	21836.49	1.7	96.8	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	52138.41	1.8	88.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	323293.00	1.1	90.6	60	125	
Bi (IS)	209	He	289954.69	0.6	91.1	60	125	

Sample Report

File Name 201SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:41:38

Sample Name **460-233011-G-5-A@10**

Comment ---

Dilution **1.0000**

Vial # 4502

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.011	ug/l	N/A	2000	
B	11	6	No Gas	42.326	ug/l	3.2	500	
Na	23	45	He	25018.238	ug/l	2.7	500000	
Mg	24	45	He	4709.943	ug/l	1.5	500000	
Al	27	45	He	3.073	ug/l	51.9	200000	
K	39	45	He	1483.191	ug/l	4.0	500000	
Ca	40	45	H2	19918.796	ug/l	1.6	500000	
Ti	47	45	He	0.723	ug/l	154.7	5000	
V	51	45	He	1.620	ug/l	17.7	5000	
Cr	52	45	He	214.475	ug/l	1.9	20000	
Mn	55	45	He	4092.620	ug/l	0.3	10000	
Fe	56	45	H2	59.682	ug/l	0.7	500000	
Co	59	45	He	0.086	ug/l	27.3	2000	
Ni	60	45	He	5.631	ug/l	3.6	20000	
Cu	63	45	He	0.032	ug/l	37.3	20000	
Zn	66	45	He	1.299	ug/l	10.2	20000	
As	75	45	He	0.573	ug/l	14.2	5000	
Se	78	45	H2	-0.016	ug/l	N/A	2000	
Sr	88	115	He	69.556	ug/l	1.3	5000	
Mo	95	115	He	0.199	ug/l	48.2	2000	
Ag	107	115	He	0.011	ug/l	59.8	100	
Cd	111	115	He	0.013	ug/l	173.2	5000	
Sn	118	115	He	0.062	ug/l	451.6	200	
Sb	121	115	He	0.091	ug/l	22.5	200	
Ba	135	159	He	11.517	ug/l	1.9	20000	
Tl	205	209	He	-0.088	ug/l	N/A	1000	
[Pb]	206	209	He	0.020	ug/l	92.1		
[Pb]	207	209	He	0.033	ug/l	116.4		
Pb	208	209	He	0.039	ug/l	31.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1870994.50	1.6	110.9	60	125	
Sc (ISICPMS)	45	H2	957758.94	1.6	95.7	60	125	
Sc (ISICPMS)	45	He	34453.36	1.9	90.6	60	125	
Ge (IS)	74	H2	169037.52	0.6	95.8	60	125	
Ge (IS)	74	He	21592.56	1.6	95.7	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	51925.49	1.6	87.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	323017.84	0.8	90.6	60	125	
Bi (IS)	209	He	285237.35	0.6	89.6	60	125	

Sample Report

File Name 202SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:43:48

Sample Name **460-233011-G-8-A@10**

Comment ---

Dilution **1.0000**

Vial # 4503

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.020	ug/l	N/A	2000	
B	11	6	No Gas	75.357	ug/l	5.6	500	
Na	23	45	He	45096.961	ug/l	5.8	500000	
Mg	24	45	He	42.749	ug/l	2.5	500000	
Al	27	45	He	2.330	ug/l	71.6	200000	
K	39	45	He	5528.729	ug/l	3.4	500000	
Ca	40	45	H2	26331.748	ug/l	1.4	500000	
Ti	47	45	He	0.463	ug/l	53.4	5000	
V	51	45	He	0.081	ug/l	347.4	5000	
Cr	52	45	He	11633.774	ug/l	2.4	20000	
Mn	55	45	He	5.869	ug/l	12.9	10000	
Fe	56	45	H2	2.245	ug/l	11.1	500000	
Co	59	45	He	0.135	ug/l	14.0	2000	
Ni	60	45	He	1.029	ug/l	6.5	20000	
Cu	63	45	He	0.069	ug/l	128.6	20000	
Zn	66	45	He	1.341	ug/l	37.1	20000	
As	75	45	He	0.262	ug/l	69.5	5000	
Se	78	45	H2	1.460	ug/l	19.1	2000	
Sr	88	115	He	61.908	ug/l	1.9	5000	
Mo	95	115	He	0.383	ug/l	28.7	2000	
Ag	107	115	He	0.004	ug/l	403.5	100	
Cd	111	115	He	0.026	ug/l	173.2	5000	
Sn	118	115	He	0.126	ug/l	248.5	200	
Sb	121	115	He	0.111	ug/l	16.7	200	
Ba	135	159	He	17.352	ug/l	6.5	20000	
Tl	205	209	He	-0.094	ug/l	N/A	1000	
[Pb]	206	209	He	0.049	ug/l	31.1		
[Pb]	207	209	He	0.021	ug/l	94.3		
Pb	208	209	He	0.033	ug/l	25.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1910032.00	3.8	113.2	60	125	
Sc (ISICPMS)	45	H2	909011.62	1.6	90.8	60	125	
Sc (ISICPMS)	45	He	33136.92	2.2	87.2	60	125	
Ge (IS)	74	H2	159859.29	1.5	90.6	60	125	
Ge (IS)	74	He	20292.66	4.0	90.0	60	125	
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	52256.58	0.2	88.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	319036.39	0.7	89.5	60	125	
Bi (IS)	209	He	286398.98	2.0	90.0	60	125	

Sample Report

File Name 203SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:45:58

Sample Name **460-233106-E-2-A@100**

Comment ---

Dilution **1.0000**

Vial # 4504

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.007	ug/l	N/A	2000	
B	11	6	No Gas	11.983	ug/l	6.9	500	
Na	23	45	He	21133.898	ug/l	3.3	500000	
Mg	24	45	He	625.514	ug/l	3.9	500000	
Al	27	45	He	0.216	ug/l	369.1	200000	
K	39	45	He	481.791	ug/l	7.0	500000	
Ca	40	45	H2	1945.696	ug/l	2.2	500000	
Ti	47	45	He	0.175	ug/l	301.4	5000	
V	51	45	He	0.164	ug/l	87.7	5000	
Cr	52	45	He	7325.309	ug/l	0.9	20000	
Mn	55	45	He	1.694	ug/l	4.5	10000	
Fe	56	45	H2	22.005	ug/l	5.3	500000	
Co	59	45	He	0.591	ug/l	10.8	2000	
Ni	60	45	He	2.606	ug/l	5.6	20000	
Cu	63	45	He	4.886	ug/l	4.9	20000	
Zn	66	45	He	2.094	ug/l	35.5	20000	
As	75	45	He	0.123	ug/l	139.0	5000	
Se	78	45	H2	0.551	ug/l	35.9	2000	
Sr	88	115	He	5.021	ug/l	6.8	5000	
Mo	95	115	He	0.122	ug/l	55.6	2000	
Ag	107	115	He	0.000	ug/l	N/A	100	
Cd	111	115	He	0.068	ug/l	69.9	5000	
Sn	118	115	He	0.127	ug/l	53.7	200	
Sb	121	115	He	0.080	ug/l	30.5	200	
Ba	135	159	He	0.119	ug/l	129.1	20000	
Tl	205	209	He	-0.091	ug/l	N/A	1000	
[Pb]	206	209	He	0.045	ug/l	43.5		
[Pb]	207	209	He	0.032	ug/l	129.2		
Pb	208	209	He	0.036	ug/l	56.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1859435.28	4.1	110.2	60	125	
Sc (ISICPMS)	45	H2	921829.68	1.2	92.1	60	125	
Sc (ISICPMS)	45	He	32077.68	2.3	84.4	60	125	
Ge (IS)	74	H2	153602.08	1.4	87.0	60	125	
Ge (IS)	74	He	19884.91	4.3	88.2	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	50407.33	2.0	85.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	312099.62	3.1	87.5	60	125	
Bi (IS)	209	He	290902.63	2.3	91.4	60	125	

Sample Report

File Name 204SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:48:08

Sample Name **460-233106-E-4-A**

Comment ---

Dilution **1.0000**

Vial # 4505

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.002	ug/l	N/A	2000	
B	11	6	No Gas	4842.758	ug/l	2.3	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	165609.213	ug/l	4.0	500000	
Mg	24	45	He	24101.151	ug/l	1.4	500000	
Al	27	45	He	1.886	ug/l	79.4	200000	
K	39	45	He	7899.140	ug/l	2.9	500000	
Ca	40	45	H2	117746.549	ug/l	0.9	500000	
Ti	47	45	He	0.164	ug/l	309.9	5000	
V	51	45	He	0.541	ug/l	12.5	5000	
Cr	52	45	He	45.992	ug/l	2.2	20000	
Mn	55	45	He	187.634	ug/l	4.5	10000	
Fe	56	45	H2	135.442	ug/l	1.5	500000	
Co	59	45	He	1.120	ug/l	9.5	2000	
Ni	60	45	He	49.723	ug/l	3.9	20000	
Cu	63	45	He	3.836	ug/l	6.1	20000	
Zn	66	45	He	6.556	ug/l	12.1	20000	
As	75	45	He	9.397	ug/l	3.6	5000	
Se	78	45	H2	0.194	ug/l	90.1	2000	
Sr	88	115	He	480.761	ug/l	0.2	5000	
Mo	95	115	He	4.655	ug/l	8.9	2000	
Ag	107	115	He	-0.016	ug/l	N/A	100	
Cd	111	115	He	0.222	ug/l	29.8	5000	
Sn	118	115	He	0.020	ug/l	2330.7	200	
Sb	121	115	He	0.093	ug/l	14.3	200	
Ba	135	159	He	46.650	ug/l	9.5	20000	
Tl	205	209	He	-0.093	ug/l	N/A	1000	
[Pb]	206	209	He	5.892	ug/l	6.7		
[Pb]	207	209	He	5.557	ug/l	3.1		
Pb	208	209	He	5.692	ug/l	1.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1831297.61	0.3	108.5	60	125	
Sc (ISICPMS)	45	H2	891567.96	0.9	89.1	60	125	
Sc (ISICPMS)	45	He	32995.29	1.5	86.8	60	125	
Ge (IS)	74	H2	160344.40	1.0	90.8	60	125	
Ge (IS)	74	He	19854.73	2.6	88.0	60	125	
Kr	83	He	13.35	86.6	200.0			
In-1	115	He	48989.85	1.2	82.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	317823.38	1.2	89.1	60	125	
Bi (IS)	209	He	279889.10	0.9	87.9	60	125	

Sample Report

File Name 205SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:50:19

Sample Name **460-233106-G-11-A@100**

Comment ---

Dilution **1.0000**

Vial # 4506

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.007	ug/l	26.4	2000	
B	11	6	No Gas	117.960	ug/l	1.4	500	
Na	23	45	He	19474.115	ug/l	1.2	500000	
Mg	24	45	He	742.520	ug/l	2.6	500000	
Al	27	45	He	2.646	ug/l	82.1	200000	
K	39	45	He	657.427	ug/l	4.3	500000	
Ca	40	45	H2	394.665	ug/l	2.2	500000	
Ti	47	45	He	0.327	ug/l	140.6	5000	
V	51	45	He	-0.039	ug/l	N/A	5000	
Cr	52	45	He	3184.540	ug/l	2.6	20000	
Mn	55	45	He	0.818	ug/l	10.4	10000	
Fe	56	45	H2	1.461	ug/l	3.8	500000	
Co	59	45	He	0.107	ug/l	22.0	2000	
Ni	60	45	He	0.580	ug/l	17.3	20000	
Cu	63	45	He	3.436	ug/l	7.9	20000	
Zn	66	45	He	1.312	ug/l	47.8	20000	
As	75	45	He	0.469	ug/l	15.4	5000	
Se	78	45	H2	0.125	ug/l	93.6	2000	
Sr	88	115	He	4.312	ug/l	6.2	5000	
Mo	95	115	He	0.136	ug/l	35.1	2000	
Ag	107	115	He	0.003	ug/l	368.5	100	
Cd	111	115	He	0.026	ug/l	86.7	5000	
Sn	118	115	He	-0.057	ug/l	N/A	200	
Sb	121	115	He	0.076	ug/l	40.3	200	
Ba	135	159	He	0.287	ug/l	24.0	20000	
Tl	205	209	He	-0.089	ug/l	N/A	1000	
[Pb]	206	209	He	0.230	ug/l	1.4		
[Pb]	207	209	He	0.199	ug/l	27.6		
Pb	208	209	He	0.207	ug/l	10.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1851332.16	1.7	109.7	60	125	
Sc (ISICPMS)	45	H2	906815.69	2.2	90.6	60	125	
Sc (ISICPMS)	45	He	32485.23	1.1	85.5	60	125	
Ge (IS)	74	H2	156032.05	3.3	88.4	60	125	
Ge (IS)	74	He	19751.32	0.1	87.6	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	51022.99	2.5	86.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	323589.50	1.9	90.7	60	125	
Bi (IS)	209	He	284599.61	0.7	89.4	60	125	

Sample Report

File Name 206SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:52:31

Sample Name **460-230483-E-6-B**

Comment ---

Dilution **1.0000**

Vial # 4507

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.002	ug/l	N/A	2000	
B	11	6	No Gas	49.778	ug/l	3.2	500	
Na	23	45	He	343.871	ug/l	3.8	500000	
Mg	24	45	He	3.693	ug/l	37.3	500000	
Al	27	45	He	4.052	ug/l	73.7	200000	
K	39	45	He	60.737	ug/l	4.8	500000	
Ca	40	45	H2	17.221	ug/l	9.9	500000	
Ti	47	45	He	0.024	ug/l	1099.4	5000	
V	51	45	He	-0.069	ug/l	N/A	5000	
Cr	52	45	He	1.264	ug/l	16.9	20000	
Mn	55	45	He	0.300	ug/l	56.2	10000	
Fe	56	45	H2	3.026	ug/l	13.4	500000	
Co	59	45	He	-0.020	ug/l	N/A	2000	
Ni	60	45	He	0.385	ug/l	38.3	20000	
Cu	63	45	He	0.409	ug/l	16.6	20000	
Zn	66	45	He	1.711	ug/l	9.9	20000	
As	75	45	He	0.210	ug/l	120.0	5000	
Se	78	45	H2	-0.005	ug/l	N/A	2000	
Sr	88	115	He	0.090	ug/l	49.1	5000	
Mo	95	115	He	0.028	ug/l	34.2	2000	
Ag	107	115	He	-0.026	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.199	ug/l	15.2	200	
Sb	121	115	He	0.025	ug/l	121.3	200	
Ba	135	159	He	-0.156	ug/l	N/A	20000	
Tl	205	209	He	-0.097	ug/l	N/A	1000	
[Pb]	206	209	He	0.043	ug/l	40.9		
[Pb]	207	209	He	0.051	ug/l	56.6		
Pb	208	209	He	0.045	ug/l	11.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1837523.86	3.8	108.9	60	125	
Sc (ISICPMS)	45	H2	901225.51	2.3	90.0	60	125	
Sc (ISICPMS)	45	He	32937.45	2.4	86.6	60	125	
Ge (IS)	74	H2	152924.55	2.4	86.6	60	125	
Ge (IS)	74	He	19096.33	1.4	84.7	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	49712.10	1.0	84.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	315244.98	0.6	88.4	60	125	
Bi (IS)	209	He	287506.41	1.7	90.3	60	125	

Sample Report

File Name 207SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:54:43

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.009	ug/l	341.2	2000	
B	11	6	No Gas	23.849	ug/l	2.9	500	
Na	23	45	He	367.060	ug/l	4.6	500000	
Mg	24	45	He	2.537	ug/l	33.2	500000	
Al	27	45	He	0.570	ug/l	426.4	200000	
K	39	45	He	95.597	ug/l	27.0	500000	
Ca	40	45	H2	8.361	ug/l	23.4	500000	
Ti	47	45	He	0.023	ug/l	1160.9	5000	
V	51	45	He	-0.002	ug/l	N/A	5000	
Cr	52	45	He	0.614	ug/l	34.8	20000	
Mn	55	45	He	-0.013	ug/l	N/A	10000	
Fe	56	45	H2	1.001	ug/l	48.2	500000	
Co	59	45	He	-0.018	ug/l	N/A	2000	
Ni	60	45	He	0.190	ug/l	34.4	20000	
Cu	63	45	He	0.049	ug/l	153.6	20000	
Zn	66	45	He	1.385	ug/l	7.9	20000	
As	75	45	He	0.108	ug/l	165.4	5000	
Se	78	45	H2	0.016	ug/l	629.6	2000	
Sr	88	115	He	-0.028	ug/l	N/A	5000	
Mo	95	115	He	0.000	ug/l	N/A	2000	
Ag	107	115	He	-0.001	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.037	ug/l	787.9	200	
Sb	121	115	He	0.072	ug/l	40.8	200	
Ba	135	159	He	-0.155	ug/l	N/A	20000	
Tl	205	209	He	-0.096	ug/l	N/A	1000	
[Pb]	206	209	He	0.034	ug/l	150.4		
[Pb]	207	209	He	0.019	ug/l	37.8		
Pb	208	209	He	0.023	ug/l	59.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1868862.35	3.3	110.7	60	125	
Sc (ISICPMS)	45	H2	897983.00	3.1	89.7	60	125	
Sc (ISICPMS)	45	He	31835.82	1.4	83.7	60	125	
Ge (IS)	74	H2	149637.85	2.1	84.8	60	125	
Ge (IS)	74	He	18929.22	3.4	83.9	60	125	
Kr	83	He	13.35	114.6	200.0			
In-1	115	He	49795.04	0.7	84.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	312351.10	0.1	87.6	60	125	
Bi (IS)	209	He	282780.45	0.7	88.9	60	125	

Sample Report

File Name 208SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:56:56

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.000	ug/l	19718.6	2000	
B	11	6	No Gas	17.281	ug/l	3.1	500	
Na	23	45	He	330.647	ug/l	8.5	500000	
Mg	24	45	He	1.894	ug/l	14.6	500000	
Al	27	45	He	-0.461	ug/l	N/A	200000	
K	39	45	He	82.887	ug/l	14.3	500000	
Ca	40	45	H2	7.682	ug/l	8.4	500000	
Ti	47	45	He	0.025	ug/l	1059.8	5000	
V	51	45	He	0.009	ug/l	424.2	5000	
Cr	52	45	He	0.358	ug/l	65.0	20000	
Mn	55	45	He	0.314	ug/l	49.9	10000	
Fe	56	45	H2	0.791	ug/l	55.3	500000	
Co	59	45	He	-0.003	ug/l	N/A	2000	
Ni	60	45	He	0.134	ug/l	29.3	20000	
Cu	63	45	He	0.090	ug/l	33.5	20000	
Zn	66	45	He	0.811	ug/l	45.2	20000	
As	75	45	He	-0.044	ug/l	N/A	5000	
Se	78	45	H2	0.014	ug/l	705.5	2000	
Sr	88	115	He	0.017	ug/l	547.1	5000	
Mo	95	115	He	0.017	ug/l	100.1	2000	
Ag	107	115	He	0.003	ug/l	192.2	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.235	ug/l	115.4	200	
Sb	121	115	He	0.067	ug/l	38.1	200	
Ba	135	159	He	-0.019	ug/l	N/A	20000	
Tl	205	209	He	-0.096	ug/l	N/A	1000	
[Pb]	206	209	He	0.039	ug/l	136.8		
[Pb]	207	209	He	0.036	ug/l	8.1		
Pb	208	209	He	0.042	ug/l	7.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1811449.19	1.6	107.3	60	125	
Sc (ISICPMS)	45	H2	901324.76	2.8	90.0	60	125	
Sc (ISICPMS)	45	He	32414.01	1.6	85.3	60	125	
Ge (IS)	74	H2	152719.40	1.2	86.5	60	125	
Ge (IS)	74	He	18210.89	0.3	80.8	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	49405.57	0.2	83.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	312419.79	1.8	87.6	60	125	
Bi (IS)	209	He	280523.23	1.3	88.1	60	125	

Sample Report

File Name 209SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 15:59:08

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.000	ug/l	5815.5	2000	
B	11	6	No Gas	13.663	ug/l	4.4	500	
Na	23	45	He	321.635	ug/l	3.1	500000	
Mg	24	45	He	1.419	ug/l	79.3	500000	
Al	27	45	He	0.361	ug/l	421.3	200000	
K	39	45	He	68.124	ug/l	8.1	500000	
Ca	40	45	H2	6.571	ug/l	24.6	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	-0.039	ug/l	N/A	5000	
Cr	52	45	He	0.296	ug/l	58.8	20000	
Mn	55	45	He	0.243	ug/l	109.1	10000	
Fe	56	45	H2	0.331	ug/l	154.6	500000	
Co	59	45	He	-0.011	ug/l	N/A	2000	
Ni	60	45	He	0.155	ug/l	159.3	20000	
Cu	63	45	He	0.078	ug/l	111.0	20000	
Zn	66	45	He	1.220	ug/l	5.3	20000	
As	75	45	He	0.030	ug/l	518.4	5000	
Se	78	45	H2	0.105	ug/l	101.1	2000	
Sr	88	115	He	0.047	ug/l	191.2	5000	
Mo	95	115	He	0.017	ug/l	173.2	2000	
Ag	107	115	He	0.009	ug/l	59.6	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.130	ug/l	169.8	200	
Sb	121	115	He	0.041	ug/l	67.2	200	
Ba	135	159	He	-0.154	ug/l	N/A	20000	
Tl	205	209	He	-0.097	ug/l	N/A	1000	
[Pb]	206	209	He	0.014	ug/l	382.4		
[Pb]	207	209	He	0.003	ug/l	1076.0		
Pb	208	209	He	0.023	ug/l	128.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1809141.62	1.1	107.2	60	125	
Sc (ISICPMS)	45	H2	905568.29	5.6	90.5	60	125	
Sc (ISICPMS)	45	He	32240.17	1.7	84.8	60	125	
Ge (IS)	74	H2	150025.01	0.9	85.0	60	125	
Ge (IS)	74	He	18755.46	2.7	83.2	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	49320.98	1.0	83.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	306942.18	1.0	86.1	60	125	
Bi (IS)	209	He	282970.01	0.6	88.9	60	125	

Continuing Calibration Verification (CCV)

File Name 210_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:01:19

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	93.468	ug/l	1.7	100	90	110	
B	11	6	No Gas	246.955	ug/l	1.6	250	225	275	
Na	23	45	He	26840.449	ug/l	0.8	25000	22500	27500	
Mg	24	45	He	26331.224	ug/l	1.6	25000	22500	27500	
Al	27	45	He	25350.410	ug/l	1.6	25000	22500	27500	
K	39	45	He	24376.765	ug/l	1.6	25000	22500	27500	
Ca	40	45	H2	25193.269	ug/l	1.7	25000	22500	27500	
Ti	47	45	He	98.189	ug/l	8.1	100	90	110	
V	51	45	He	99.197	ug/l	4.0	100	90	110	
Cr	52	45	He	97.521	ug/l	2.4	100	90	110	
Mn	55	45	He	100.485	ug/l	3.6	100	90	110	
Fe	56	45	H2	25345.293	ug/l	2.6	25000	22500	27500	
Co	59	45	He	99.553	ug/l	1.7	100	90	110	
Ni	60	45	He	100.366	ug/l	0.7	100	90	110	
Cu	63	45	He	100.989	ug/l	0.9	100	90	110	
Zn	66	45	He	249.611	ug/l	1.9	250	225	275	
As	75	45	He	98.546	ug/l	1.1	100	90	110	
Se	78	45	H2	108.325	ug/l	2.6	100	90	110	
Sr	88	115	He	94.636	ug/l	2.1	100	90	110	
Mo	95	115	He	100.340	ug/l	1.6	100	90	110	
Ag	107	115	He	51.326	ug/l	1.5	50	45	55	
Cd	111	115	He	106.034	ug/l	0.6	100	90	110	
Sn	118	115	He	101.498	ug/l	3.9	100	90	110	
Sb	121	115	He	102.243	ug/l	1.3	100	90	110	
Ba	135	159	He	90.290	ug/l	8.0	100	90	110	
Tl	205	209	He	98.870	ug/l	3.1	100	90	110	
[Pb]	206	209	He	102.650	ug/l	2.3				
[Pb]	207	209	He	97.918	ug/l	3.1				
Pb	208	209	He	99.052	ug/l	2.1	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1770758.05	1.3	104.9	60	125	
Sc (ISICPMS)	45	H2	828226.92	0.9	82.7	60	125	
Sc (ISICPMS)	45	He	30608.75	1.4	80.5	60	125	
Ge (IS)	74	H2	143103.29	0.9	81.1	60	125	
Ge (IS)	74	He	17746.58	8.5	78.7	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	46129.50	0.9	78.0	60	125	
Tb (IS)	159	He	299699.75	1.2	84.0	60	125	
Bi (IS)	209	He	269651.30	1.9	84.7	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 211_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:03:28

Sample Name **CCB**

Comment ---

Dilution 1.0000

Method Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.049	ug/l	15.2	0.8	-0.8	0.8	
B	11	6	No Gas	14.387	ug/l	3.7	40	-40	40	
Na	23	45	He	321.885	ug/l	10.7	500	-500	500	
Mg	24	45	He	5.266	ug/l	32.2	200	-200	200	
Al	27	45	He	3.441	ug/l	21.8	40	-40	40	
K	39	45	He	88.199	ug/l	14.6	200	-200	200	
Ca	40	45	H2	8.798	ug/l	19.8	500	-500	500	
Ti	47	45	He	0.026	ug/l	1041.9	4	-4	4	
V	51	45	He	-0.022	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.115	ug/l	157.6	4	-4	4	
Mn	55	45	He	0.118	ug/l	102.3	8	-8	8	
Fe	56	45	H2	4.958	ug/l	17.9	60	-60	60	
Co	59	45	He	0.006	ug/l	266.8	4	-4	4	
Ni	60	45	He	0.153	ug/l	74.7	4	-4	4	
Cu	63	45	He	0.004	ug/l	1409.4	4	-4	4	
Zn	66	45	He	0.780	ug/l	48.0	16	-16	16	
As	75	45	He	0.076	ug/l	177.8	2	-2	2	
Se	78	45	H2	0.113	ug/l	72.8	2.5	-2.5	2.5	
Sr	88	115	He	-0.026	ug/l	N/A	4	-4	4	
Mo	95	115	He	0.035	ug/l	100.4	4	-4	4	
Ag	107	115	He	0.025	ug/l	79.1	2	-2	2	
Cd	111	115	He	0.000	ug/l	N/A	2	-2	2	
Sn	118	115	He	0.057	ug/l	134.4	16	-16	16	
Sb	121	115	He	0.037	ug/l	28.5	2	-2	2	
Ba	135	159	He	-0.201	ug/l	0.0	4	-4	4	
Tl	205	209	He	-0.047	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.065	ug/l	127.2				
[Pb]	207	209	He	0.029	ug/l	129.0				
Pb	208	209	He	0.039	ug/l	67.3	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1788665.77	2.9	106.0	60	125	
Sc (ISICPMS)	45	H2	867488.73	3.2	86.7	60	125	
Sc (ISICPMS)	45	He	31289.17	3.0	82.3	60	125	
Ge (IS)	74	H2	144275.08	1.1	81.7	60	125	
Ge (IS)	74	He	17566.18	1.4	77.9	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	48352.16	1.2	81.8	60	125	
Tb (IS)	159	He	304004.91	0.9	85.2	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	278339.59	0.9	87.5	60	125	

Sample Report

File Name 212SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:05:41

Sample Name **460-232845-E-18-B**

Comment ---

Dilution **1.0000**

Vial # 3206

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.011	ug/l	85.2	2000	
B	11	6	No Gas	143.851	ug/l	2.9	500	
Na	23	45	He	30262.526	ug/l	3.4	500000	
Mg	24	45	He	14699.499	ug/l	1.4	500000	
Al	27	45	He	16.906	ug/l	28.1	200000	
K	39	45	He	2906.553	ug/l	2.9	500000	
Ca	40	45	H2	22550.604	ug/l	3.2	500000	
Ti	47	45	He	0.037	ug/l	783.7	5000	
V	51	45	He	0.101	ug/l	132.9	5000	
Cr	52	45	He	0.389	ug/l	51.1	20000	
Mn	55	45	He	14314.015	ug/l	2.5	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	5019.737	ug/l	4.7	500000	
Co	59	45	He	5.534	ug/l	3.1	2000	
Ni	60	45	He	5.962	ug/l	7.0	20000	
Cu	63	45	He	1.521	ug/l	4.3	20000	
Zn	66	45	He	3.230	ug/l	14.4	20000	
As	75	45	He	1.856	ug/l	3.3	5000	
Se	78	45	H2	0.425	ug/l	25.4	2000	
Sr	88	115	He	98.956	ug/l	4.6	5000	
Mo	95	115	He	0.758	ug/l	0.9	2000	
Ag	107	115	He	-0.022	ug/l	N/A	100	
Cd	111	115	He	0.088	ug/l	101.3	5000	
Sn	118	115	He	0.095	ug/l	295.6	200	
Sb	121	115	He	0.092	ug/l	53.1	200	
Ba	135	159	He	71.642	ug/l	7.7	20000	
Tl	205	209	He	-0.080	ug/l	N/A	1000	
[Pb]	206	209	He	0.098	ug/l	22.9		
[Pb]	207	209	He	0.081	ug/l	18.8		
Pb	208	209	He	0.083	ug/l	23.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1751829.51	1.1	103.8	60	125	
Sc (ISICPMS)	45	H2	843531.67	6.2	84.3	60	125	
Sc (ISICPMS)	45	He	29842.55	1.3	78.5	60	125	
Ge (IS)	74	H2	149068.52	1.3	84.4	60	125	
Ge (IS)	74	He	18895.83	2.2	83.8	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	46251.96	2.5	78.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	296885.21	1.3	83.2	60	125	
Bi (IS)	209	He	266927.20	0.6	83.9	60	125	

Sample Report

File Name 213SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:07:50

Sample Name **460-232845-E-19-B**

Comment ---

Dilution **1.0000**

Vial # 3207

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.013	ug/l	16.7	2000	
B	11	6	No Gas	152.373	ug/l	2.4	500	
Na	23	45	He	30195.994	ug/l	3.2	500000	
Mg	24	45	He	15295.926	ug/l	1.3	500000	
Al	27	45	He	11.194	ug/l	53.2	200000	
K	39	45	He	2504.309	ug/l	1.0	500000	
Ca	40	45	H2	22819.224	ug/l	0.9	500000	
Ti	47	45	He	0.540	ug/l	53.8	5000	
V	51	45	He	-0.036	ug/l	N/A	5000	
Cr	52	45	He	0.348	ug/l	34.7	20000	
Mn	55	45	He	16461.320	ug/l	5.4	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	6550.627	ug/l	3.0	500000	
Co	59	45	He	5.590	ug/l	5.6	2000	
Ni	60	45	He	6.658	ug/l	9.1	20000	
Cu	63	45	He	5.973	ug/l	2.9	20000	
Zn	66	45	He	4.998	ug/l	10.3	20000	
As	75	45	He	2.201	ug/l	31.2	5000	
Se	78	45	H2	0.375	ug/l	49.3	2000	
Sr	88	115	He	100.619	ug/l	1.3	5000	
Mo	95	115	He	0.830	ug/l	18.2	2000	
Ag	107	115	He	0.000	ug/l	N/A	100	
Cd	111	115	He	0.030	ug/l	173.2	5000	
Sn	118	115	He	0.237	ug/l	91.7	200	
Sb	121	115	He	0.097	ug/l	30.1	200	
Ba	135	159	He	65.669	ug/l	2.4	20000	
Tl	205	209	He	-0.078	ug/l	N/A	1000	
[Pb]	206	209	He	0.170	ug/l	14.2		
[Pb]	207	209	He	0.155	ug/l	10.2		
Pb	208	209	He	0.160	ug/l	12.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1682873.08	2.0	99.7	60	125	
Sc (ISICPMS)	45	H2	808706.73	2.1	80.8	60	125	
Sc (ISICPMS)	45	He	29435.08	0.3	77.4	60	125	
Ge (IS)	74	H2	149159.29	0.7	84.5	60	125	
Ge (IS)	74	He	18992.73	0.6	84.2	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	45646.43	1.5	77.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	296255.45	1.1	83.1	60	125	
Bi (IS)	209	He	265217.77	0.7	83.3	60	125	

Sample Report

File Name 214SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:10:00

Sample Name **460-232845-E-20-B**

Comment ---

Dilution **1.0000**

Vial # 3208

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.011	ug/l	61.3	2000	
B	11	6	No Gas	155.602	ug/l	1.3	500	
Na	23	45	He	32547.375	ug/l	1.1	500000	
Mg	24	45	He	15692.342	ug/l	1.6	500000	
Al	27	45	He	11.548	ug/l	23.8	200000	
K	39	45	He	3066.936	ug/l	2.5	500000	
Ca	40	45	H2	23558.748	ug/l	2.1	500000	
Ti	47	45	He	0.713	ug/l	147.9	5000	
V	51	45	He	-0.183	ug/l	N/A	5000	
Cr	52	45	He	0.481	ug/l	37.2	20000	
Mn	55	45	He	15206.971	ug/l	0.8	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	4293.556	ug/l	3.4	500000	
Co	59	45	He	4.558	ug/l	5.8	2000	
Ni	60	45	He	6.001	ug/l	4.3	20000	
Cu	63	45	He	1.819	ug/l	6.2	20000	
Zn	66	45	He	2.591	ug/l	17.5	20000	
As	75	45	He	1.632	ug/l	16.4	5000	
Se	78	45	H2	0.257	ug/l	33.7	2000	
Sr	88	115	He	103.221	ug/l	3.6	5000	
Mo	95	115	He	0.698	ug/l	21.6	2000	
Ag	107	115	He	-0.014	ug/l	N/A	100	
Cd	111	115	He	0.191	ug/l	32.6	5000	
Sn	118	115	He	-0.007	ug/l	N/A	200	
Sb	121	115	He	0.096	ug/l	22.2	200	
Ba	135	159	He	71.869	ug/l	6.6	20000	
Tl	205	209	He	-0.073	ug/l	N/A	1000	
[Pb]	206	209	He	0.084	ug/l	39.6		
[Pb]	207	209	He	0.093	ug/l	31.4		
Pb	208	209	He	0.088	ug/l	16.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1677928.27	0.7	99.4	60	125	
Sc (ISICPMS)	45	H2	802127.96	0.7	80.1	60	125	
Sc (ISICPMS)	45	He	29145.53	0.9	76.7	60	125	
Ge (IS)	74	H2	149819.14	0.7	84.9	60	125	
Ge (IS)	74	He	19226.55	0.9	85.3	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	46013.91	2.7	77.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	291288.97	1.3	81.7	60	125	
Bi (IS)	209	He	267552.97	0.5	84.1	60	125	

Sample Report

File Name 215SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:12:10

Sample Name **460-232845-E-21-B**

Comment ---

Dilution **1.0000**

Vial # 3209

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.008	ug/l	N/A	2000	
B	11	6	No Gas	301.310	ug/l	2.6	500	
Na	23	45	He	31506.738	ug/l	1.0	500000	
Mg	24	45	He	44863.802	ug/l	0.8	500000	
Al	27	45	He	11.599	ug/l	6.0	200000	
K	39	45	He	6226.678	ug/l	1.0	500000	
Ca	40	45	H2	132664.579	ug/l	2.0	500000	
Ti	47	45	He	0.366	ug/l	234.7	5000	
V	51	45	He	6.602	ug/l	19.4	5000	
Cr	52	45	He	0.794	ug/l	42.6	20000	
Mn	55	45	He	23.129	ug/l	4.3	10000	
Fe	56	45	H2	72.552	ug/l	1.8	500000	
Co	59	45	He	0.120	ug/l	28.2	2000	
Ni	60	45	He	4.037	ug/l	12.1	20000	
Cu	63	45	He	0.319	ug/l	41.4	20000	
Zn	66	45	He	3.401	ug/l	13.7	20000	
As	75	45	He	0.407	ug/l	9.1	5000	
Se	78	45	H2	-0.041	ug/l	N/A	2000	
Sr	88	115	He	1498.619	ug/l	3.8	5000	
Mo	95	115	He	0.625	ug/l	10.9	2000	
Ag	107	115	He	-0.017	ug/l	N/A	100	
Cd	111	115	He	0.089	ug/l	86.9	5000	
Sn	118	115	He	0.516	ug/l	29.3	200	
Sb	121	115	He	0.133	ug/l	26.7	200	
Ba	135	159	He	151.003	ug/l	6.2	20000	
Tl	205	209	He	-0.097	ug/l	N/A	1000	
[Pb]	206	209	He	0.355	ug/l	15.1		
[Pb]	207	209	He	0.348	ug/l	6.4		
Pb	208	209	He	0.362	ug/l	9.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1614421.80	3.2	95.6	60	125	
Sc (ISICPMS)	45	H2	805328.46	1.2	80.5	60	125	
Sc (ISICPMS)	45	He	29922.69	0.7	78.7	60	125	
Ge (IS)	74	H2	150163.51	0.2	85.1	60	125	
Ge (IS)	74	He	18939.27	5.1	84.0	60	125	
Kr	83	He	10.01	NaN	150.0			
In-1	115	He	45919.15	1.1	77.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	295039.66	2.6	82.7	60	125	
Bi (IS)	209	He	260996.99	1.3	82.0	60	125	

Sample Report

File Name 216SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:14:22

Sample Name **460-232845-E-22-B**

Comment ---

Dilution **1.0000**

Vial # 3210

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.002	ug/l	1341.3	2000	
B	11	6	No Gas	248.264	ug/l	3.3	500	
Na	23	45	He	25409.566	ug/l	2.3	500000	
Mg	24	45	He	36610.899	ug/l	4.2	500000	
Al	27	45	He	23.296	ug/l	8.8	200000	
K	39	45	He	5171.724	ug/l	2.0	500000	
Ca	40	45	H2	110677.343	ug/l	1.1	500000	
Ti	47	45	He	1.019	ug/l	112.6	5000	
V	51	45	He	5.445	ug/l	8.0	5000	
Cr	52	45	He	0.799	ug/l	11.3	20000	
Mn	55	45	He	21.911	ug/l	4.9	10000	
Fe	56	45	H2	131.298	ug/l	1.0	500000	
Co	59	45	He	0.068	ug/l	13.8	2000	
Ni	60	45	He	2.119	ug/l	5.4	20000	
Cu	63	45	He	0.579	ug/l	17.4	20000	
Zn	66	45	He	4.648	ug/l	2.7	20000	
As	75	45	He	0.456	ug/l	17.7	5000	
Se	78	45	H2	0.080	ug/l	1.4	2000	
Sr	88	115	He	1286.689	ug/l	1.3	5000	
Mo	95	115	He	0.623	ug/l	21.1	2000	
Ag	107	115	He	-0.018	ug/l	N/A	100	
Cd	111	115	He	0.059	ug/l	44.5	5000	
Sn	118	115	He	0.565	ug/l	166.0	200	
Sb	121	115	He	0.127	ug/l	42.5	200	
Ba	135	159	He	123.963	ug/l	3.1	20000	
Tl	205	209	He	-0.097	ug/l	N/A	1000	
[Pb]	206	209	He	0.158	ug/l	11.6		
[Pb]	207	209	He	0.120	ug/l	23.4		
Pb	208	209	He	0.150	ug/l	19.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1687004.40	1.3	100.0	60	125	
Sc (ISICPMS)	45	H2	815874.68	0.5	81.5	60	125	
Sc (ISICPMS)	45	He	30255.67	1.9	79.6	60	125	
Ge (IS)	74	H2	152507.64	0.2	86.4	60	125	
Ge (IS)	74	He	19677.69	2.5	87.3	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	46072.05	2.0	78.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	292041.87	0.5	81.9	60	125	
Bi (IS)	209	He	264813.90	0.5	83.2	60	125	

Sample Report

File Name 217SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:16:33

Sample Name **460-232845-E-23-B**

Comment ---

Dilution **1.0000**

Vial # 3211

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.008	ug/l	141.9	2000	
B	11	6	No Gas	212.857	ug/l	2.8	500	
Na	23	45	He	23230.465	ug/l	2.6	500000	
Mg	24	45	He	32300.171	ug/l	3.5	500000	
Al	27	45	He	18.304	ug/l	25.3	200000	
K	39	45	He	4530.748	ug/l	4.9	500000	
Ca	40	45	H2	93519.617	ug/l	0.8	500000	
Ti	47	45	He	0.871	ug/l	58.8	5000	
V	51	45	He	4.956	ug/l	3.1	5000	
Cr	52	45	He	1.649	ug/l	12.0	20000	
Mn	55	45	He	16.960	ug/l	6.2	10000	
Fe	56	45	H2	92.090	ug/l	0.9	500000	
Co	59	45	He	0.064	ug/l	53.0	2000	
Ni	60	45	He	2.899	ug/l	11.0	20000	
Cu	63	45	He	4.382	ug/l	6.4	20000	
Zn	66	45	He	32.895	ug/l	3.0	20000	
As	75	45	He	0.353	ug/l	31.6	5000	
Se	78	45	H2	0.031	ug/l	130.7	2000	
Sr	88	115	He	1083.881	ug/l	1.6	5000	
Mo	95	115	He	0.870	ug/l	13.3	2000	
Ag	107	115	He	-0.005	ug/l	N/A	100	
Cd	111	115	He	0.029	ug/l	86.6	5000	
Sn	118	115	He	0.240	ug/l	148.9	200	
Sb	121	115	He	0.101	ug/l	20.5	200	
Ba	135	159	He	103.621	ug/l	4.4	20000	
Tl	205	209	He	-0.088	ug/l	N/A	1000	
[Pb]	206	209	He	0.327	ug/l	13.0		
[Pb]	207	209	He	0.273	ug/l	17.1		
Pb	208	209	He	0.287	ug/l	10.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1728758.94	2.3	102.4	60	125	
Sc (ISICPMS)	45	H2	813932.63	1.1	81.3	60	125	
Sc (ISICPMS)	45	He	29704.49	2.2	78.1	60	125	
Ge (IS)	74	H2	152355.09	0.8	86.3	60	125	
Ge (IS)	74	He	19667.74	4.4	87.2	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	46352.21	0.7	78.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	299810.38	1.9	84.1	60	125	
Bi (IS)	209	He	270020.86	1.0	84.8	60	125	

Sample Report

File Name 218SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:18:45

Sample Name **460-232845-E-24-B**

Comment ---

Dilution **1.0000**

Vial # 3212

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.006	ug/l	92.8	2000	
B	11	6	No Gas	254.753	ug/l	1.6	500	
Na	23	45	He	26278.966	ug/l	1.8	500000	
Mg	24	45	He	38546.604	ug/l	1.7	500000	
Al	27	45	He	19.415	ug/l	19.7	200000	
K	39	45	He	5266.567	ug/l	1.5	500000	
Ca	40	45	H2	114106.406	ug/l	3.1	500000	
Ti	47	45	He	0.682	ug/l	206.2	5000	
V	51	45	He	5.220	ug/l	3.1	5000	
Cr	52	45	He	0.785	ug/l	38.9	20000	
Mn	55	45	He	20.461	ug/l	4.0	10000	
Fe	56	45	H2	177.767	ug/l	1.1	500000	
Co	59	45	He	0.086	ug/l	9.9	2000	
Ni	60	45	He	2.366	ug/l	14.7	20000	
Cu	63	45	He	0.804	ug/l	12.4	20000	
Zn	66	45	He	6.298	ug/l	9.6	20000	
As	75	45	He	0.386	ug/l	40.2	5000	
Se	78	45	H2	0.030	ug/l	136.9	2000	
Sr	88	115	He	1344.670	ug/l	1.7	5000	
Mo	95	115	He	0.481	ug/l	29.6	2000	
Ag	107	115	He	-0.018	ug/l	N/A	100	
Cd	111	115	He	0.103	ug/l	24.8	5000	
Sn	118	115	He	0.109	ug/l	83.5	200	
Sb	121	115	He	0.098	ug/l	42.4	200	
Ba	135	159	He	134.806	ug/l	4.3	20000	
Tl	205	209	He	-0.087	ug/l	N/A	1000	
[Pb]	206	209	He	0.160	ug/l	14.1		
[Pb]	207	209	He	0.167	ug/l	40.9		
Pb	208	209	He	0.143	ug/l	11.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1693523.06	2.3	100.3	60	125	
Sc (ISICPMS)	45	H2	820230.40	0.9	81.9	60	125	
Sc (ISICPMS)	45	He	30714.69	1.3	80.8	60	125	
Ge (IS)	74	H2	152465.24	0.9	86.4	60	125	
Ge (IS)	74	He	19417.06	1.8	86.1	60	125	
Kr	83	He	16.68	124.9	250.0			
In-1	115	He	46262.26	0.7	78.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	295293.40	0.9	82.8	60	125	
Bi (IS)	209	He	267356.68	2.5	84.0	60	125	

Sample Report

File Name 219SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:20:56

Sample Name **460-232845-E-25-B**

Comment ---

Dilution **1.0000**

Vial # 3301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.006	ug/l	427.3	2000	
B	11	6	No Gas	122.785	ug/l	1.7	500	
Na	23	45	He	24087.694	ug/l	1.5	500000	
Mg	24	45	He	12203.742	ug/l	0.3	500000	
Al	27	45	He	7.840	ug/l	34.9	200000	
K	39	45	He	2014.597	ug/l	2.0	500000	
Ca	40	45	H2	18291.015	ug/l	1.6	500000	
Ti	47	45	He	0.036	ug/l	803.5	5000	
V	51	45	He	-0.246	ug/l	N/A	5000	
Cr	52	45	He	0.079	ug/l	130.8	20000	
Mn	55	45	He	13056.977	ug/l	1.4	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	5196.586	ug/l	2.8	500000	
Co	59	45	He	4.721	ug/l	3.8	2000	
Ni	60	45	He	6.483	ug/l	6.7	20000	
Cu	63	45	He	2.292	ug/l	5.4	20000	
Zn	66	45	He	3.525	ug/l	17.6	20000	
As	75	45	He	1.733	ug/l	28.6	5000	
Se	78	45	H2	0.302	ug/l	109.9	2000	
Sr	88	115	He	82.977	ug/l	3.4	5000	
Mo	95	115	He	0.587	ug/l	17.7	2000	
Ag	107	115	He	-0.017	ug/l	N/A	100	
Cd	111	115	He	0.030	ug/l	86.7	5000	
Sn	118	115	He	0.309	ug/l	35.3	200	
Sb	121	115	He	0.064	ug/l	44.4	200	
Ba	135	159	He	50.851	ug/l	1.9	20000	
Tl	205	209	He	-0.087	ug/l	N/A	1000	
[Pb]	206	209	He	0.026	ug/l	187.3		
[Pb]	207	209	He	-0.010	ug/l	N/A		
Pb	208	209	He	0.025	ug/l	48.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1767722.04	1.9	104.7	60	125	
Sc (ISICPMS)	45	H2	821575.60	2.5	82.1	60	125	
Sc (ISICPMS)	45	He	29656.58	0.6	78.0	60	125	
Ge (IS)	74	H2	146089.65	2.1	82.8	60	125	
Ge (IS)	74	He	18869.01	1.0	83.7	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	46372.26	3.8	78.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	297486.03	2.3	83.4	60	125	
Bi (IS)	209	He	265791.56	2.2	83.5	60	125	

Sample Report

File Name 220SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:23:06

Sample Name **460-232845-E-18-B@5**

Comment ---

Dilution **1.0000**

Vial # 3206

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.012	ug/l	N/A	2000	
B	11	6	No Gas	39.880	ug/l	0.5	500	
Na	23	45	He	6787.107	ug/l	1.8	500000	
Mg	24	45	He	3131.802	ug/l	1.8	500000	
Al	27	45	He	4.488	ug/l	10.7	200000	
K	39	45	He	685.562	ug/l	7.6	500000	
Ca	40	45	H2	4782.102	ug/l	4.1	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	-0.283	ug/l	N/A	5000	
Cr	52	45	He	0.083	ug/l	422.2	20000	
Mn	55	45	He	3123.470	ug/l	0.2	10000	
Fe	56	45	H2	1113.777	ug/l	2.7	500000	
Co	59	45	He	1.027	ug/l	5.4	2000	
Ni	60	45	He	1.621	ug/l	4.3	20000	
Cu	63	45	He	0.889	ug/l	11.7	20000	
Zn	66	45	He	2.003	ug/l	3.4	20000	
As	75	45	He	0.373	ug/l	24.9	5000	
Se	78	45	H2	0.002	ug/l	4846.2	2000	
Sr	88	115	He	21.267	ug/l	5.0	5000	
Mo	95	115	He	0.204	ug/l	34.8	2000	
Ag	107	115	He	0.005	ug/l	388.9	100	
Cd	111	115	He	0.014	ug/l	173.2	5000	
Sn	118	115	He	0.158	ug/l	107.6	200	
Sb	121	115	He	0.041	ug/l	49.2	200	
Ba	135	159	He	14.066	ug/l	16.6	20000	
Tl	205	209	He	-0.091	ug/l	N/A	1000	
[Pb]	206	209	He	0.062	ug/l	6.8		
[Pb]	207	209	He	0.068	ug/l	6.6		
Pb	208	209	He	0.067	ug/l	12.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1725350.75	3.6	102.2	60	125	
Sc (ISICPMS)	45	H2	850159.80	6.7	84.9	60	125	
Sc (ISICPMS)	45	He	30495.26	1.0	80.2	60	125	
Ge (IS)	74	H2	144988.92	2.6	82.1	60	125	
Ge (IS)	74	He	18087.19	1.6	80.2	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	47752.04	0.6	80.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	297665.83	0.8	83.5	60	125	
Bi (IS)	209	He	267758.46	0.8	84.1	60	125	

Sample Report

File Name 221SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:25:18

Sample Name **460-232845-E-19-B@5**

Comment ---

Dilution **1.0000**

Vial # 3207

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.013	ug/l	N/A	2000	
B	11	6	No Gas	36.633	ug/l	3.2	500	
Na	23	45	He	6616.524	ug/l	1.9	500000	
Mg	24	45	He	3194.683	ug/l	1.4	500000	
Al	27	45	He	4.372	ug/l	46.4	200000	
K	39	45	He	592.251	ug/l	0.5	500000	
Ca	40	45	H2	4948.553	ug/l	2.7	500000	
Ti	47	45	He	0.039	ug/l	750.0	5000	
V	51	45	He	-0.399	ug/l	N/A	5000	
Cr	52	45	He	0.081	ug/l	196.2	20000	
Mn	55	45	He	3462.288	ug/l	2.1	10000	
Fe	56	45	H2	1377.288	ug/l	5.8	500000	
Co	59	45	He	1.259	ug/l	7.8	2000	
Ni	60	45	He	1.376	ug/l	9.9	20000	
Cu	63	45	He	2.966	ug/l	6.2	20000	
Zn	66	45	He	2.373	ug/l	10.3	20000	
As	75	45	He	0.562	ug/l	12.8	5000	
Se	78	45	H2	-0.044	ug/l	N/A	2000	
Sr	88	115	He	21.106	ug/l	2.5	5000	
Mo	95	115	He	0.186	ug/l	29.4	2000	
Ag	107	115	He	0.007	ug/l	121.6	100	
Cd	111	115	He	0.029	ug/l	86.7	5000	
Sn	118	115	He	0.186	ug/l	84.4	200	
Sb	121	115	He	0.077	ug/l	55.1	200	
Ba	135	159	He	13.684	ug/l	12.6	20000	
Tl	205	209	He	-0.094	ug/l	N/A	1000	
[Pb]	206	209	He	0.062	ug/l	24.8		
[Pb]	207	209	He	0.055	ug/l	24.9		
Pb	208	209	He	0.055	ug/l	10.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1720086.90	2.7	101.9	60	125	
Sc (ISICPMS)	45	H2	829311.87	3.0	82.8	60	125	
Sc (ISICPMS)	45	He	29884.91	2.0	78.6	60	125	
Ge (IS)	74	H2	142163.75	3.8	80.5	60	125	
Ge (IS)	74	He	18755.52	2.0	83.2	60	125	
Kr	83	He	10.01	173.2	150.0			
In-1	115	He	46615.73	2.0	78.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	298626.77	1.9	83.7	60	125	
Bi (IS)	209	He	274648.00	1.1	86.3	60	125	

Continuing Calibration Verification (CCV)

File Name 222_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:27:28

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	94.407	ug/l	1.0	100	90	110	
B	11	6	No Gas	246.642	ug/l	0.3	250	225	275	
Na	23	45	He	27542.778	ug/l	4.5	25000	22500	27500	failed
Mg	24	45	He	27312.489	ug/l	1.8	25000	22500	27500	
Al	27	45	He	25621.606	ug/l	1.9	25000	22500	27500	
K	39	45	He	25107.767	ug/l	1.0	25000	22500	27500	
Ca	40	45	H2	25261.374	ug/l	0.8	25000	22500	27500	
Ti	47	45	He	92.896	ug/l	4.7	100	90	110	
V	51	45	He	98.786	ug/l	2.9	100	90	110	
Cr	52	45	He	100.869	ug/l	2.2	100	90	110	
Mn	55	45	He	103.251	ug/l	1.9	100	90	110	
Fe	56	45	H2	25128.983	ug/l	2.6	25000	22500	27500	
Co	59	45	He	103.658	ug/l	3.2	100	90	110	
Ni	60	45	He	101.004	ug/l	1.6	100	90	110	
Cu	63	45	He	102.622	ug/l	2.7	100	90	110	
Zn	66	45	He	257.517	ug/l	0.9	250	225	275	
As	75	45	He	99.229	ug/l	1.8	100	90	110	
Se	78	45	H2	105.386	ug/l	2.3	100	90	110	
Sr	88	115	He	90.708	ug/l	3.8	100	90	110	
Mo	95	115	He	98.991	ug/l	0.9	100	90	110	
Ag	107	115	He	50.362	ug/l	2.4	50	45	55	
Cd	111	115	He	103.098	ug/l	2.4	100	90	110	
Sn	118	115	He	99.725	ug/l	3.0	100	90	110	
Sb	121	115	He	100.240	ug/l	1.0	100	90	110	
Ba	135	159	He	93.446	ug/l	7.4	100	90	110	
Tl	205	209	He	100.843	ug/l	3.0	100	90	110	
[Pb]	206	209	He	102.258	ug/l	1.6				
[Pb]	207	209	He	99.861	ug/l	2.6				
Pb	208	209	He	100.301	ug/l	1.7	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1709947.35	0.7	101.3	60	125	
Sc (ISICPMS)	45	H2	805088.35	1.2	80.4	60	125	
Sc (ISICPMS)	45	He	29270.29	2.0	77.0	60	125	
Ge (IS)	74	H2	137580.62	2.1	77.9	60	125	
Ge (IS)	74	He	17996.91	3.2	79.8	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	46104.95	1.1	78.0	60	125	
Tb (IS)	159	He	295285.74	1.2	82.8	60	125	
Bi (IS)	209	He	260658.73	0.9	81.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 223_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:29:37

Sample Name **CCB**

Comment ---

Dilution 1.0000

Method 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.016	ug/l	43.6	0.8	-0.8	0.8	
B	11	6	No Gas	12.013	ug/l	2.7	40	-40	40	
Na	23	45	He	317.314	ug/l	1.0	500	-500	500	
Mg	24	45	He	6.129	ug/l	25.9	200	-200	200	
Al	27	45	He	2.855	ug/l	44.8	40	-40	40	
K	39	45	He	86.576	ug/l	9.9	200	-200	200	
Ca	40	45	H2	10.532	ug/l	10.9	500	-500	500	
Ti	47	45	He	-0.130	ug/l	N/A	4	-4	4	
V	51	45	He	-0.420	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.158	ug/l	86.8	4	-4	4	
Mn	55	45	He	1.294	ug/l	25.1	8	-8	8	
Fe	56	45	H2	4.344	ug/l	4.6	60	-60	60	
Co	59	45	He	-0.008	ug/l	N/A	4	-4	4	
Ni	60	45	He	0.150	ug/l	76.8	4	-4	4	
Cu	63	45	He	0.055	ug/l	80.9	4	-4	4	
Zn	66	45	He	1.189	ug/l	8.2	16	-16	16	
As	75	45	He	-0.131	ug/l	N/A	2	-2	2	
Se	78	45	H2	0.002	ug/l	7253.4	2.5	-2.5	2.5	
Sr	88	115	He	0.068	ug/l	208.6	4	-4	4	
Mo	95	115	He	0.036	ug/l	100.4	4	-4	4	
Ag	107	115	He	-0.001	ug/l	N/A	2	-2	2	
Cd	111	115	He	0.000	ug/l	N/A	2	-2	2	
Sn	118	115	He	0.294	ug/l	25.2	16	-16	16	
Sb	121	115	He	0.049	ug/l	40.1	2	-2	2	
Ba	135	159	He	-0.007	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.046	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.018	ug/l	30.0				
[Pb]	207	209	He	0.035	ug/l	129.4				
Pb	208	209	He	0.026	ug/l	107.7	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1683420.76	1.3	99.7	60	125	
Sc (ISICPMS)	45	H2	853209.25	2.0	85.2	60	125	
Sc (ISICPMS)	45	He	29799.13	1.7	78.4	60	125	
Ge (IS)	74	H2	140762.84	1.7	79.7	60	125	
Ge (IS)	74	He	17870.03	1.1	79.2	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	47011.14	1.5	79.5	60	125	
Tb (IS)	159	He	296856.25	0.4	83.2	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	269031.54	0.7	84.5	60	125	

Sample Report

File Name 224SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:31:50

Sample Name **460-233011-H-1-A**

Comment ---

Dilution **1.0000**

Vial # 4108

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.002	ug/l	328.7	2000	
B	11	6	No Gas	15.251	ug/l	4.3	500	
Na	23	45	He	315.204	ug/l	14.8	500000	
Mg	24	45	He	4.605	ug/l	6.9	500000	
Al	27	45	He	3.378	ug/l	122.8	200000	
K	39	45	He	84.932	ug/l	8.2	500000	
Ca	40	45	H2	14.259	ug/l	9.2	500000	
Ti	47	45	He	0.518	ug/l	50.8	5000	
V	51	45	He	-0.313	ug/l	N/A	5000	
Cr	52	45	He	0.419	ug/l	104.4	20000	
Mn	55	45	He	1.028	ug/l	28.4	10000	
Fe	56	45	H2	4.606	ug/l	5.7	500000	
Co	59	45	He	0.014	ug/l	87.7	2000	
Ni	60	45	He	0.362	ug/l	32.4	20000	
Cu	63	45	He	0.088	ug/l	16.3	20000	
Zn	66	45	He	1.320	ug/l	17.1	20000	
As	75	45	He	-0.020	ug/l	N/A	5000	
Se	78	45	H2	0.002	ug/l	5222.6	2000	
Sr	88	115	He	0.037	ug/l	73.0	5000	
Mo	95	115	He	0.030	ug/l	70.2	2000	
Ag	107	115	He	-0.016	ug/l	N/A	100	
Cd	111	115	He	0.015	ug/l	173.2	5000	
Sn	118	115	He	0.118	ug/l	173.5	200	
Sb	121	115	He	0.065	ug/l	44.7	200	
Ba	135	159	He	-0.201	ug/l	0.0	20000	
Tl	205	209	He	-0.094	ug/l	N/A	1000	
[Pb]	206	209	He	-0.018	ug/l	N/A		
[Pb]	207	209	He	-0.001	ug/l	N/A		
Pb	208	209	He	0.005	ug/l	238.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1751590.21	1.0	103.8	60	125	
Sc (ISICPMS)	45	H2	831206.46	3.3	83.0	60	125	
Sc (ISICPMS)	45	He	30237.70	3.4	79.5	60	125	
Ge (IS)	74	H2	139260.48	0.4	78.9	60	125	
Ge (IS)	74	He	17669.59	3.5	78.4	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	47203.15	0.8	79.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	301153.04	1.0	84.4	60	125	
Bi (IS)	209	He	271868.01	0.6	85.4	60	125	

Sample Report

File Name 225SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:34:02

Sample Name **460-233011-H-2-A**

Comment ---

Dilution **1.0000**

Vial # 4109

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.017	ug/l	94.6	2000	
B	11	6	No Gas	2366.213	ug/l	4.5	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	61487.514	ug/l	4.8	500000	
Mg	24	45	He	42331.955	ug/l	2.3	500000	
Al	27	45	He	27.128	ug/l	24.2	200000	
K	39	45	He	21332.272	ug/l	1.0	500000	
Ca	40	45	H2	129629.991	ug/l	1.7	500000	
Ti	47	45	He	0.889	ug/l	57.6	5000	
V	51	45	He	1.017	ug/l	1.3	5000	
Cr	52	45	He	3.994	ug/l	9.4	20000	
Mn	55	45	He	2346.252	ug/l	1.7	10000	
Fe	56	45	H2	448.197	ug/l	1.1	500000	
Co	59	45	He	3.018	ug/l	4.2	2000	
Ni	60	45	He	14.420	ug/l	1.4	20000	
Cu	63	45	He	0.949	ug/l	10.7	20000	
Zn	66	45	He	3.333	ug/l	17.4	20000	
As	75	45	He	12.251	ug/l	4.2	5000	
Se	78	45	H2	0.012	ug/l	1.1	2000	
Sr	88	115	He	513.668	ug/l	2.5	5000	
Mo	95	115	He	4.989	ug/l	4.4	2000	
Ag	107	115	He	-0.010	ug/l	N/A	100	
Cd	111	115	He	0.015	ug/l	173.2	5000	
Sn	118	115	He	-0.071	ug/l	N/A	200	
Sb	121	115	He	0.116	ug/l	36.4	200	
Ba	135	159	He	115.773	ug/l	2.9	20000	
Tl	205	209	He	-0.089	ug/l	N/A	1000	
[Pb]	206	209	He	0.524	ug/l	8.6		
[Pb]	207	209	He	0.555	ug/l	5.6		
Pb	208	209	He	0.550	ug/l	2.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1632340.17	4.4	96.7	60	125	
Sc (ISICPMS)	45	H2	789038.55	0.1	78.8	60	125	
Sc (ISICPMS)	45	He	29009.59	0.9	76.3	60	125	
Ge (IS)	74	H2	146507.38	2.1	83.0	60	125	
Ge (IS)	74	He	18992.68	3.0	84.2	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	44286.86	1.5	74.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	288665.73	2.1	80.9	60	125	
Bi (IS)	209	He	257334.58	1.1	80.9	60	125	

Sample Report

File Name 226SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:36:14

Sample Name **460-233011-H-3-A**

Comment ---

Dilution **1.0000**

Vial # 4110

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.069	ug/l	33.0	2000	
B	11	6	No Gas	241.563	ug/l	2.8	500	
Na	23	45	He	229537.827	ug/l	4.7	500000	
Mg	24	45	He	39684.070	ug/l	2.8	500000	
Al	27	45	He	44.351	ug/l	4.1	200000	
K	39	45	He	12434.984	ug/l	1.2	500000	
Ca	40	45	H2	156795.881	ug/l	3.4	500000	
Ti	47	45	He	10.743	ug/l	18.8	5000	
V	51	45	He	20.706	ug/l	3.0	5000	
Cr	52	45	He	1161.154	ug/l	1.6	20000	
Mn	55	45	He	3579.098	ug/l	1.3	10000	
Fe	56	45	H2	5483.843	ug/l	1.4	500000	
Co	59	45	He	8.503	ug/l	3.1	2000	
Ni	60	45	He	46.884	ug/l	3.3	20000	
Cu	63	45	He	0.771	ug/l	6.0	20000	
Zn	66	45	He	7.976	ug/l	6.4	20000	
As	75	45	He	5.193	ug/l	8.9	5000	
Se	78	45	H2	0.410	ug/l	67.9	2000	
Sr	88	115	He	443.777	ug/l	1.0	5000	
Mo	95	115	He	0.147	ug/l	25.7	2000	
Ag	107	115	He	-0.025	ug/l	N/A	100	
Cd	111	115	He	0.015	ug/l	173.2	5000	
Sn	118	115	He	0.499	ug/l	39.1	200	
Sb	121	115	He	0.194	ug/l	45.0	200	
Ba	135	159	He	99.233	ug/l	3.7	20000	
Tl	205	209	He	-0.094	ug/l	N/A	1000	
[Pb]	206	209	He	0.638	ug/l	9.7		
[Pb]	207	209	He	0.663	ug/l	21.2		
Pb	208	209	He	0.658	ug/l	5.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1658850.81	1.4	98.3	60	125	
Sc (ISICPMS)	45	H2	793372.89	2.3	79.3	60	125	
Sc (ISICPMS)	45	He	28515.44	1.3	75.0	60	125	
Ge (IS)	74	H2	147223.04	0.5	83.4	60	125	
Ge (IS)	74	He	18691.96	4.8	82.9	60	125	
Kr	83	He	16.68	34.6	250.0			
In-1	115	He	45339.45	0.8	76.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	295666.14	1.6	82.9	60	125	
Bi (IS)	209	He	257838.59	1.1	81.0	60	125	

Sample Report

File Name 227SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:38:24

Sample Name **460-233011-H-4-A**

Comment ---

Dilution **1.0000**

Vial # 4111

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.014	ug/l	240.8	2000	
B	11	6	No Gas	318.359	ug/l	2.8	500	
Na	23	45	He	212344.403	ug/l	1.6	500000	
Mg	24	45	He	38512.575	ug/l	1.2	500000	
Al	27	45	He	19.612	ug/l	17.5	200000	
K	39	45	He	7856.800	ug/l	2.4	500000	
Ca	40	45	H2	142155.600	ug/l	1.0	500000	
Ti	47	45	He	2.658	ug/l	76.8	5000	
V	51	45	He	7.203	ug/l	10.0	5000	
Cr	52	45	He	79.364	ug/l	1.4	20000	
Mn	55	45	He	15678.066	ug/l	2.4	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	11466.338	ug/l	0.6	500000	
Co	59	45	He	1.916	ug/l	5.5	2000	
Ni	60	45	He	13.958	ug/l	0.1	20000	
Cu	63	45	He	1.338	ug/l	5.7	20000	
Zn	66	45	He	49.602	ug/l	5.2	20000	
As	75	45	He	5.366	ug/l	4.3	5000	
Se	78	45	H2	0.264	ug/l	146.5	2000	
Sr	88	115	He	441.338	ug/l	0.9	5000	
Mo	95	115	He	0.715	ug/l	14.1	2000	
Ag	107	115	He	-0.015	ug/l	N/A	100	
Cd	111	115	He	0.030	ug/l	173.2	5000	
Sn	118	115	He	0.183	ug/l	27.9	200	
Sb	121	115	He	0.140	ug/l	20.7	200	
Ba	135	159	He	78.390	ug/l	2.1	20000	
Tl	205	209	He	-0.091	ug/l	N/A	1000	
[Pb]	206	209	He	0.329	ug/l	11.3		
[Pb]	207	209	He	0.316	ug/l	30.5		
Pb	208	209	He	0.312	ug/l	12.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1651497.35	1.6	97.8	60	125	
Sc (ISICPMS)	45	H2	788015.71	0.7	78.7	60	125	
Sc (ISICPMS)	45	He	29852.62	1.6	78.5	60	125	
Ge (IS)	74	H2	145468.24	1.0	82.4	60	125	
Ge (IS)	74	He	19390.34	2.7	86.0	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	45134.14	0.8	76.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	291737.98	0.3	81.8	60	125	
Bi (IS)	209	He	259082.75	0.8	81.4	60	125	

Sample Report

File Name 228SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:40:34

Sample Name **460-233011-H-5-A**

Comment ---

Dilution **1.0000**

Vial # 4112

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.005	ug/l	309.7	2000	
B	11	6	No Gas	367.252	ug/l	2.2	500	
Na	23	45	He	240552.838	ug/l	3.2	500000	
Mg	24	45	He	46706.062	ug/l	1.0	500000	
Al	27	45	He	29.240	ug/l	10.6	200000	
K	39	45	He	13740.985	ug/l	0.2	500000	
Ca	40	45	H2	206158.201	ug/l	1.7	500000	
Ti	47	45	He	4.944	ug/l	40.9	5000	
V	51	45	He	6.124	ug/l	14.7	5000	
Cr	52	45	He	3066.965	ug/l	1.3	20000	
Mn	55	45	He	40123.231	ug/l	1.4	10000	>LDR 6020B□>LDR 200.8
Fe	56	45	H2	1064.357	ug/l	1.6	500000	
Co	59	45	He	1.040	ug/l	6.9	2000	
Ni	60	45	He	56.326	ug/l	2.7	20000	
Cu	63	45	He	0.743	ug/l	4.5	20000	
Zn	66	45	He	2.829	ug/l	13.0	20000	
As	75	45	He	5.471	ug/l	6.1	5000	
Se	78	45	H2	0.263	ug/l	16.9	2000	
Sr	88	115	He	677.850	ug/l	2.0	5000	
Mo	95	115	He	1.987	ug/l	11.2	2000	
Ag	107	115	He	-0.015	ug/l	N/A	100	
Cd	111	115	He	0.030	ug/l	86.6	5000	
Sn	118	115	He	0.279	ug/l	112.2	200	
Sb	121	115	He	0.282	ug/l	32.3	200	
Ba	135	159	He	127.080	ug/l	1.9	20000	
Tl	205	209	He	-0.095	ug/l	N/A	1000	
[Pb]	206	209	He	0.165	ug/l	6.3		
[Pb]	207	209	He	0.149	ug/l	16.8		
Pb	208	209	He	0.151	ug/l	5.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1658983.71	2.5	98.3	60	125	
Sc (ISICPMS)	45	H2	790158.37	1.0	78.9	60	125	
Sc (ISICPMS)	45	He	29126.60	0.8	76.6	60	125	
Ge (IS)	74	H2	145875.94	0.8	82.6	60	125	
Ge (IS)	74	He	18113.79	1.2	80.3	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	44160.62	1.7	74.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	293247.26	0.9	82.2	60	125	
Bi (IS)	209	He	253420.19	1.2	79.6	60	125	

Sample Report

File Name 229SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:42:44

Sample Name **460-233011-H-7-A**

Comment ---

Dilution **1.0000**

Vial # 4204

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.001	ug/l	N/A	2000	
B	11	6	No Gas	432.377	ug/l	0.8	500	
Na	23	45	He	1543448.844	ug/l	4.1	500000	>LDR 6020B□>LDR 200.8
Mg	24	45	He	64331.659	ug/l	5.4	500000	
Al	27	45	He	16.641	ug/l	26.5	200000	
K	39	45	He	27131.989	ug/l	1.4	500000	
Ca	40	45	H2	271372.830	ug/l	2.5	500000	
Ti	47	45	He	4.307	ug/l	50.6	5000	
V	51	45	He	12.908	ug/l	7.6	5000	
Cr	52	45	He	944.133	ug/l	3.2	20000	
Mn	55	45	He	8921.931	ug/l	0.2	10000	
Fe	56	45	H2	716.949	ug/l	3.1	500000	
Co	59	45	He	15.953	ug/l	4.7	2000	
Ni	60	45	He	76.843	ug/l	2.6	20000	
Cu	63	45	He	0.940	ug/l	8.3	20000	
Zn	66	45	He	9.723	ug/l	16.2	20000	
As	75	45	He	9.095	ug/l	9.1	5000	
Se	78	45	H2	0.432	ug/l	6.7	2000	
Sr	88	115	He	879.161	ug/l	1.3	5000	
Mo	95	115	He	0.817	ug/l	7.6	2000	
Ag	107	115	He	-0.004	ug/l	N/A	100	
Cd	111	115	He	0.016	ug/l	173.2	5000	
Sn	118	115	He	0.388	ug/l	45.8	200	
Sb	121	115	He	0.345	ug/l	16.2	200	
Ba	135	159	He	75.614	ug/l	3.8	20000	
Tl	205	209	He	-0.096	ug/l	N/A	1000	
[Pb]	206	209	He	0.269	ug/l	11.3		
[Pb]	207	209	He	0.261	ug/l	28.7		
Pb	208	209	He	0.255	ug/l	6.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1603139.09	1.8	95.0	60	125	
Sc (ISICPMS)	45	H2	799858.67	3.6	79.9	60	125	
Sc (ISICPMS)	45	He	28985.30	1.7	76.2	60	125	
Ge (IS)	74	H2	142707.44	0.7	80.8	60	125	
Ge (IS)	74	He	18230.90	3.1	80.8	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	43598.17	0.6	73.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	284554.83	2.2	79.8	60	125	
Bi (IS)	209	He	248099.39	1.0	78.0	60	125	

Sample Report

File Name 230SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:44:54

Sample Name **460-232845-E-20-B@5**

Comment ---

Dilution **1.0000**

Vial # 3208

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.009	ug/l	205.4	2000	
B	11	6	No Gas	46.640	ug/l	5.0	500	
Na	23	45	He	7289.885	ug/l	1.0	500000	
Mg	24	45	He	3260.324	ug/l	1.9	500000	
Al	27	45	He	4.138	ug/l	116.3	200000	
K	39	45	He	715.883	ug/l	4.7	500000	
Ca	40	45	H2	5050.738	ug/l	2.5	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	-0.613	ug/l	N/A	5000	
Cr	52	45	He	0.158	ug/l	39.8	20000	
Mn	55	45	He	3158.050	ug/l	1.0	10000	
Fe	56	45	H2	898.541	ug/l	2.4	500000	
Co	59	45	He	0.957	ug/l	14.3	2000	
Ni	60	45	He	1.422	ug/l	9.3	20000	
Cu	63	45	He	0.537	ug/l	11.4	20000	
Zn	66	45	He	1.935	ug/l	24.7	20000	
As	75	45	He	0.240	ug/l	56.3	5000	
Se	78	45	H2	0.067	ug/l	196.9	2000	
Sr	88	115	He	22.691	ug/l	2.6	5000	
Mo	95	115	He	0.208	ug/l	12.0	2000	
Ag	107	115	He	-0.009	ug/l	N/A	100	
Cd	111	115	He	0.058	ug/l	43.2	5000	
Sn	118	115	He	0.108	ug/l	240.8	200	
Sb	121	115	He	0.050	ug/l	45.1	200	
Ba	135	159	He	15.298	ug/l	8.7	20000	
Tl	205	209	He	-0.086	ug/l	N/A	1000	
[Pb]	206	209	He	0.014	ug/l	214.6		
[Pb]	207	209	He	-0.031	ug/l	N/A		
Pb	208	209	He	0.009	ug/l	173.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1821758.90	3.3	107.9	60	125	
Sc (ISICPMS)	45	H2	860073.37	4.7	85.9	60	125	
Sc (ISICPMS)	45	He	30590.90	1.0	80.5	60	125	
Ge (IS)	74	H2	143773.74	2.8	81.4	60	125	
Ge (IS)	74	He	18267.65	0.6	81.0	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	46680.35	1.2	79.0	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	300040.26	1.1	84.1	60	125	
Bi (IS)	209	He	275950.67	1.7	86.7	60	125	

Sample Report

File Name 231SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:47:05

Sample Name **460-232845-E-25-B@5**

Comment ---

Dilution **1.0000**

Vial # 3301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.008	ug/l	103.5	2000	
B	11	6	No Gas	35.330	ug/l	6.2	500	
Na	23	45	He	5399.306	ug/l	0.7	500000	
Mg	24	45	He	2481.965	ug/l	1.1	500000	
Al	27	45	He	2.551	ug/l	48.6	200000	
K	39	45	He	469.149	ug/l	6.0	500000	
Ca	40	45	H2	4003.606	ug/l	1.7	500000	
Ti	47	45	He	0.198	ug/l	143.4	5000	
V	51	45	He	-0.391	ug/l	N/A	5000	
Cr	52	45	He	0.186	ug/l	64.4	20000	
Mn	55	45	He	2751.885	ug/l	1.7	10000	
Fe	56	45	H2	1123.876	ug/l	5.1	500000	
Co	59	45	He	0.927	ug/l	3.0	2000	
Ni	60	45	He	1.671	ug/l	8.3	20000	
Cu	63	45	He	1.036	ug/l	5.2	20000	
Zn	66	45	He	2.412	ug/l	21.2	20000	
As	75	45	He	0.170	ug/l	98.1	5000	
Se	78	45	H2	-0.042	ug/l	N/A	2000	
Sr	88	115	He	16.311	ug/l	4.5	5000	
Mo	95	115	He	0.125	ug/l	56.4	2000	
Ag	107	115	He	-0.005	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.165	ug/l	41.0	200	
Sb	121	115	He	0.097	ug/l	26.8	200	
Ba	135	159	He	11.845	ug/l	19.9	20000	
Tl	205	209	He	-0.099	ug/l	N/A	1000	
[Pb]	206	209	He	0.034	ug/l	83.3		
[Pb]	207	209	He	0.017	ug/l	99.3		
Pb	208	209	He	0.026	ug/l	35.2	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1735750.84	4.4	102.8	60	125	
Sc (ISICPMS)	45	H2	822691.97	0.8	82.2	60	125	
Sc (ISICPMS)	45	He	30264.63	1.3	79.6	60	125	
Ge (IS)	74	H2	142802.89	1.2	80.9	60	125	
Ge (IS)	74	He	18137.29	1.5	80.4	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	46618.92	0.9	78.9	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	297571.95	0.2	83.4	60	125	
Bi (IS)	209	He	271351.37	1.1	85.3	60	125	

Sample Report

File Name 232SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:49:16

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.002	ug/l	N/A	2000	
B	11	6	No Gas	10.857	ug/l	1.4	500	
Na	23	45	He	420.809	ug/l	5.6	500000	
Mg	24	45	He	3.282	ug/l	45.3	500000	
Al	27	45	He	-1.083	ug/l	N/A	200000	
K	39	45	He	99.411	ug/l	6.5	500000	
Ca	40	45	H2	20.264	ug/l	7.0	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	-0.533	ug/l	N/A	5000	
Cr	52	45	He	0.165	ug/l	167.4	20000	
Mn	55	45	He	2.595	ug/l	4.3	10000	
Fe	56	45	H2	1.444	ug/l	35.2	500000	
Co	59	45	He	-0.018	ug/l	N/A	2000	
Ni	60	45	He	0.278	ug/l	84.4	20000	
Cu	63	45	He	0.018	ug/l	382.2	20000	
Zn	66	45	He	1.082	ug/l	68.5	20000	
As	75	45	He	-0.077	ug/l	N/A	5000	
Se	78	45	H2	-0.046	ug/l	N/A	2000	
Sr	88	115	He	0.118	ug/l	22.5	5000	
Mo	95	115	He	0.024	ug/l	44.7	2000	
Ag	107	115	He	0.006	ug/l	75.6	100	
Cd	111	115	He	0.014	ug/l	173.2	5000	
Sn	118	115	He	0.175	ug/l	51.4	200	
Sb	121	115	He	0.063	ug/l	32.1	200	
Ba	135	159	He	-0.057	ug/l	N/A	20000	
Tl	205	209	He	-0.094	ug/l	N/A	1000	
[Pb]	206	209	He	-0.018	ug/l	N/A		
[Pb]	207	209	He	0.003	ug/l	655.2		
Pb	208	209	He	0.000	ug/l	9268.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1731454.68	1.8	102.6	60	125	
Sc (ISICPMS)	45	H2	862180.67	2.0	86.1	60	125	
Sc (ISICPMS)	45	He	30116.62	1.2	79.2	60	125	
Ge (IS)	74	H2	142861.65	1.1	80.9	60	125	
Ge (IS)	74	He	17632.83	1.1	78.2	60	125	
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	46598.81	1.2	78.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	297174.70	0.7	83.3	60	125	
Bi (IS)	209	He	275482.48	1.2	86.6	60	125	

Sample Report

File Name 233SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:51:29

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.003	ug/l	123.0	2000	
B	11	6	No Gas	9.120	ug/l	4.4	500	
Na	23	45	He	372.018	ug/l	5.2	500000	
Mg	24	45	He	2.866	ug/l	64.9	500000	
Al	27	45	He	-0.444	ug/l	N/A	200000	
K	39	45	He	77.438	ug/l	20.4	500000	
Ca	40	45	H2	18.822	ug/l	4.4	500000	
Ti	47	45	He	0.033	ug/l	856.6	5000	
V	51	45	He	-0.616	ug/l	N/A	5000	
Cr	52	45	He	-0.128	ug/l	N/A	20000	
Mn	55	45	He	1.878	ug/l	26.0	10000	
Fe	56	45	H2	1.411	ug/l	22.4	500000	
Co	59	45	He	0.002	ug/l	629.9	2000	
Ni	60	45	He	0.381	ug/l	63.3	20000	
Cu	63	45	He	0.070	ug/l	125.4	20000	
Zn	66	45	He	1.746	ug/l	19.5	20000	
As	75	45	He	0.018	ug/l	814.2	5000	
Se	78	45	H2	0.030	ug/l	565.1	2000	
Sr	88	115	He	0.007	ug/l	666.7	5000	
Mo	95	115	He	0.030	ug/l	124.7	2000	
Ag	107	115	He	-0.001	ug/l	N/A	100	
Cd	111	115	He	0.000	ug/l	N/A	5000	
Sn	118	115	He	0.299	ug/l	40.7	200	
Sb	121	115	He	0.036	ug/l	31.2	200	
Ba	135	159	He	0.469	ug/l	46.2	20000	
Tl	205	209	He	-0.094	ug/l	N/A	1000	
[Pb]	206	209	He	0.016	ug/l	202.2		
[Pb]	207	209	He	-0.029	ug/l	N/A		
Pb	208	209	He	-0.006	ug/l	N/A	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1744975.86	2.2	103.4	60	125	
Sc (ISICPMS)	45	H2	824576.28	1.3	82.4	60	125	
Sc (ISICPMS)	45	He	30245.65	1.1	79.6	60	125	
Ge (IS)	74	H2	141866.06	0.7	80.4	60	125	
Ge (IS)	74	He	17525.96	2.2	77.7	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	46868.76	0.6	79.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	300312.31	0.5	84.2	60	125	
Bi (IS)	209	He	273461.92	1.7	85.9	60	125	

Continuing Calibration Verification (CCV)

File Name 234_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:53:41

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	88.087	ug/l	2.0	100	90	110	failed
B	11	6	No Gas	224.468	ug/l	4.3	250	225	275	failed
Na	23	45	He	26832.399	ug/l	1.4	25000	22500	27500	
Mg	24	45	He	26825.147	ug/l	0.7	25000	22500	27500	
Al	27	45	He	25178.379	ug/l	1.2	25000	22500	27500	
K	39	45	He	24998.581	ug/l	2.1	25000	22500	27500	
Ca	40	45	H2	25374.923	ug/l	1.6	25000	22500	27500	
Ti	47	45	He	95.784	ug/l	6.7	100	90	110	
V	51	45	He	97.049	ug/l	1.5	100	90	110	
Cr	52	45	He	99.438	ug/l	2.0	100	90	110	
Mn	55	45	He	100.511	ug/l	2.8	100	90	110	
Fe	56	45	H2	25895.052	ug/l	1.2	25000	22500	27500	
Co	59	45	He	100.071	ug/l	1.8	100	90	110	
Ni	60	45	He	101.651	ug/l	1.2	100	90	110	
Cu	63	45	He	102.396	ug/l	1.9	100	90	110	
Zn	66	45	He	255.232	ug/l	1.7	250	225	275	
As	75	45	He	100.474	ug/l	5.0	100	90	110	
Se	78	45	H2	107.645	ug/l	2.2	100	90	110	
Sr	88	115	He	94.610	ug/l	7.3	100	90	110	
Mo	95	115	He	102.274	ug/l	1.5	100	90	110	
Ag	107	115	He	52.042	ug/l	1.7	50	45	55	
Cd	111	115	He	104.977	ug/l	2.1	100	90	110	
Sn	118	115	He	104.072	ug/l	1.5	100	90	110	
Sb	121	115	He	102.391	ug/l	1.9	100	90	110	
Ba	135	159	He	93.285	ug/l	4.8	100	90	110	
Tl	205	209	He	100.480	ug/l	0.5	100	90	110	
[Pb]	206	209	He	101.735	ug/l	2.4				
[Pb]	207	209	He	97.544	ug/l	1.3				
Pb	208	209	He	99.950	ug/l	0.7	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1742811.83	3.3	103.3	60	125	
Sc (ISICPMS)	45	H2	787625.85	2.1	78.7	60	125	
Sc (ISICPMS)	45	He	28942.85	1.5	76.1	60	125	
Ge (IS)	74	H2	139257.12	1.1	78.9	60	125	
Ge (IS)	74	He	17896.70	4.2	79.4	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	44042.94	0.3	74.5	60	125	
Tb (IS)	159	He	291354.01	1.0	81.7	60	125	
Bi (IS)	209	He	261843.84	0.9	82.3	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 235_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:55:51

Sample Name **CCB**

Comment ---

Dilution 1.0000

Full Quant Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.013	ug/l	133.4	0.8	-0.8	0.8	
B	11	6	No Gas	12.292	ug/l	4.5	40	-40	40	
Na	23	45	He	357.572	ug/l	5.9	500	-500	500	
Mg	24	45	He	6.864	ug/l	20.9	200	-200	200	
Al	27	45	He	4.531	ug/l	36.2	40	-40	40	
K	39	45	He	85.886	ug/l	12.7	200	-200	200	
Ca	40	45	H2	16.106	ug/l	7.9	500	-500	500	
Ti	47	45	He	0.037	ug/l	789.1	4	-4	4	
V	51	45	He	-0.454	ug/l	N/A	4	-4	4	
Cr	52	45	He	0.245	ug/l	108.4	4	-4	4	
Mn	55	45	He	1.385	ug/l	13.4	8	-8	8	
Fe	56	45	H2	5.629	ug/l	4.9	60	-60	60	
Co	59	45	He	0.011	ug/l	164.3	4	-4	4	
Ni	60	45	He	0.283	ug/l	65.5	4	-4	4	
Cu	63	45	He	0.023	ug/l	132.8	4	-4	4	
Zn	66	45	He	1.306	ug/l	4.7	16	-16	16	
As	75	45	He	0.213	ug/l	105.4	2	-2	2	
Se	78	45	H2	0.127	ug/l	143.8	2.5	-2.5	2.5	
Sr	88	115	He	0.133	ug/l	51.9	4	-4	4	
Mo	95	115	He	0.030	ug/l	68.2	4	-4	4	
Ag	107	115	He	0.007	ug/l	220.3	2	-2	2	
Cd	111	115	He	0.015	ug/l	173.2	2	-2	2	
Sn	118	115	He	0.075	ug/l	178.8	16	-16	16	
Sb	121	115	He	0.084	ug/l	42.2	2	-2	2	
Ba	135	159	He	-0.201	ug/l	0.0	4	-4	4	
Tl	205	209	He	-0.050	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.040	ug/l	86.5				
[Pb]	207	209	He	0.008	ug/l	568.5				
Pb	208	209	He	0.028	ug/l	9.6	1.2	-1.2	1.2	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1726430.11	1.7	102.3	60	125	
Sc (ISICPMS)	45	H2	825458.10	2.4	82.5	60	125	
Sc (ISICPMS)	45	He	29889.39	1.2	78.6	60	125	
Ge (IS)	74	H2	139652.12	0.9	79.1	60	125	
Ge (IS)	74	He	17342.16	6.0	76.9	60	125	
Kr	83	He	6.67	173.2	100.0			
In-1	115	He	46479.89	1.6	78.6	60	125	
Tb (IS)	159	He	292870.91	1.1	82.1	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	272356.79	1.1	85.6	60	125	

Sample Report

File Name 236SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 16:58:04

Sample Name **460-233011-H-6-A@100**

Comment ---

Dilution **1.0000**

Vial # 4201

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.016	ug/l	119.0	2000	
B	11	6	No Gas	19.756	ug/l	2.5	500	
Na	23	45	He	10412.375	ug/l	3.8	500000	
Mg	24	45	He	877.819	ug/l	4.6	500000	
Al	27	45	He	8.664	ug/l	43.9	200000	
K	39	45	He	266.210	ug/l	11.4	500000	
Ca	40	45	H2	3248.678	ug/l	0.5	500000	
Ti	47	45	He	0.208	ug/l	140.7	5000	
V	51	45	He	-0.288	ug/l	N/A	5000	
Cr	52	45	He	4120.422	ug/l	3.8	20000	
Mn	55	45	He	83.844	ug/l	4.0	10000	
Fe	56	45	H2	5.398	ug/l	3.2	500000	
Co	59	45	He	0.481	ug/l	9.6	2000	
Ni	60	45	He	2.076	ug/l	9.0	20000	
Cu	63	45	He	1.666	ug/l	7.9	20000	
Zn	66	45	He	2.196	ug/l	32.7	20000	
As	75	45	He	0.131	ug/l	134.8	5000	
Se	78	45	H2	0.131	ug/l	162.5	2000	
Sr	88	115	He	6.852	ug/l	6.6	5000	
Mo	95	115	He	0.134	ug/l	52.6	2000	
Ag	107	115	He	0.009	ug/l	164.1	100	
Cd	111	115	He	0.030	ug/l	173.2	5000	
Sn	118	115	He	0.187	ug/l	63.0	200	
Sb	121	115	He	0.106	ug/l	18.5	200	
Ba	135	159	He	0.387	ug/l	37.6	20000	
Tl	205	209	He	-0.097	ug/l	N/A	1000	
[Pb]	206	209	He	0.010	ug/l	92.7		
[Pb]	207	209	He	0.022	ug/l	101.7		
Pb	208	209	He	0.003	ug/l	630.5	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1741200.77	1.4	103.2	60	125	
Sc (ISICPMS)	45	H2	809285.77	2.3	80.8	60	125	
Sc (ISICPMS)	45	He	29058.67	1.4	76.4	60	125	
Ge (IS)	74	H2	140493.91	1.0	79.6	60	125	
Ge (IS)	74	He	17408.97	3.1	77.2	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	45978.75	2.2	77.8	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	293710.10	0.4	82.4	60	125	
Bi (IS)	209	He	271082.72	0.9	85.2	60	125	

Sample Report

File Name 237SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 17:00:15

Sample Name **460-233011-D-6-A DU@100**

Comment ---

Dilution **1.0000**

Vial # 4202

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.003	ug/l	N/A	2000	
B	11	6	No Gas	18.445	ug/l	10.5	500	
Na	23	45	He	10280.685	ug/l	1.7	500000	
Mg	24	45	He	867.531	ug/l	0.3	500000	
Al	27	45	He	3.248	ug/l	34.0	200000	
K	39	45	He	239.039	ug/l	10.1	500000	
Ca	40	45	H2	3136.658	ug/l	3.5	500000	
Ti	47	45	He	0.037	ug/l	780.6	5000	
V	51	45	He	-0.393	ug/l	N/A	5000	
Cr	52	45	He	4032.472	ug/l	2.3	20000	
Mn	55	45	He	83.013	ug/l	3.8	10000	
Fe	56	45	H2	4.869	ug/l	5.9	500000	
Co	59	45	He	0.414	ug/l	5.7	2000	
Ni	60	45	He	1.816	ug/l	4.1	20000	
Cu	63	45	He	1.615	ug/l	11.1	20000	
Zn	66	45	He	1.634	ug/l	25.5	20000	
As	75	45	He	0.094	ug/l	196.5	5000	
Se	78	45	H2	0.012	ug/l	653.8	2000	
Sr	88	115	He	6.981	ug/l	17.9	5000	
Mo	95	115	He	0.152	ug/l	42.8	2000	
Ag	107	115	He	-0.005	ug/l	N/A	100	
Cd	111	115	He	0.104	ug/l	99.8	5000	
Sn	118	115	He	-0.033	ug/l	N/A	200	
Sb	121	115	He	0.096	ug/l	68.1	200	
Ba	135	159	He	0.530	ug/l	25.0	20000	
Tl	205	209	He	-0.092	ug/l	N/A	1000	
[Pb]	206	209	He	0.030	ug/l	203.6		
[Pb]	207	209	He	0.001	ug/l	2733.9		
Pb	208	209	He	0.013	ug/l	115.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1772847.65	5.9	105.0	60	125	
Sc (ISICPMS)	45	H2	790349.15	0.7	79.0	60	125	
Sc (ISICPMS)	45	He	29004.18	1.8	76.3	60	125	
Ge (IS)	74	H2	137745.34	3.2	78.0	60	125	
Ge (IS)	74	He	17018.02	3.1	75.5	60	125	
Kr	83	He	13.35	43.3	200.0			
In-1	115	He	45852.31	1.8	77.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	294485.71	1.9	82.6	60	125	
Bi (IS)	209	He	271193.09	1.9	85.2	60	125	

Sample Report

File Name 238SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 17:02:27

Sample Name **460-233011-H-6-B MS@100**

Comment ---

Dilution **1.0000**

Vial # 4203

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.259	ug/l	16.2	2000	
B	11	6	No Gas	24.673	ug/l	3.2	500	
Na	23	45	He	11126.766	ug/l	1.6	500000	
Mg	24	45	He	949.955	ug/l	4.3	500000	
Al	27	45	He	28.335	ug/l	17.4	200000	
K	39	45	He	267.095	ug/l	4.0	500000	
Ca	40	45	H2	3415.043	ug/l	2.4	500000	
Ti	47	45	He	0.044	ug/l	688.0	5000	
V	51	45	He	0.103	ug/l	310.9	5000	
Cr	52	45	He	4314.166	ug/l	2.0	20000	
Mn	55	45	He	91.106	ug/l	2.6	10000	
Fe	56	45	H2	33.441	ug/l	3.2	500000	
Co	59	45	He	0.705	ug/l	9.4	2000	
Ni	60	45	He	2.659	ug/l	5.7	20000	
Cu	63	45	He	2.299	ug/l	5.8	20000	
Zn	66	45	He	4.852	ug/l	14.3	20000	
As	75	45	He	0.521	ug/l	61.4	5000	
Se	78	45	H2	0.777	ug/l	52.6	2000	
Sr	88	115	He	8.342	ug/l	8.1	5000	
Mo	95	115	He	0.654	ug/l	9.8	2000	
Ag	107	115	He	0.276	ug/l	9.1	100	
Cd	111	115	He	0.365	ug/l	23.1	5000	
Sn	118	115	He	0.540	ug/l	31.0	200	
Sb	121	115	He	0.313	ug/l	6.0	200	
Ba	135	159	He	1.291	ug/l	57.1	20000	
Tl	205	209	He	0.119	ug/l	10.4	1000	
[Pb]	206	209	He	0.340	ug/l	22.7		
[Pb]	207	209	He	0.271	ug/l	8.0		
Pb	208	209	He	0.314	ug/l	6.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1664534.72	3.6	98.6	60	125	
Sc (ISICPMS)	45	H2	783633.54	1.1	78.3	60	125	
Sc (ISICPMS)	45	He	28563.24	2.0	75.1	60	125	
Ge (IS)	74	H2	136351.67	0.3	77.2	60	125	
Ge (IS)	74	He	16911.20	1.6	75.0	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	44769.56	2.3	75.7	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	288901.58	0.8	81.0	60	125	
Bi (IS)	209	He	263367.83	1.9	82.8	60	125	

Sample Report

File Name 239SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 17:04:39

Sample Name **460-233011-H-8-A**

Comment ---

Dilution **1.0000**

Vial # 4205

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.001	ug/l	N/A	2000	
B	11	6	No Gas	742.076	ug/l	5.7	500	>LDR 6020B
Na	23	45	He	436639.587	ug/l	1.0	500000	
Mg	24	45	He	4828.674	ug/l	1.2	500000	
Al	27	45	He	67.962	ug/l	6.2	200000	
K	39	45	He	51209.363	ug/l	1.1	500000	
Ca	40	45	H2	279236.081	ug/l	2.8	500000	
Ti	47	45	He	0.245	ug/l	132.5	5000	
V	51	45	He	0.881	ug/l	27.3	5000	
Cr	52	45	He	141593.742	ug/l	2.8	20000	>LDR 6020B□>LDR 200.8
Mn	55	45	He	17.634	ug/l	4.2	10000	
Fe	56	45	H2	21.209	ug/l	3.4	500000	
Co	59	45	He	1.828	ug/l	2.5	2000	
Ni	60	45	He	7.921	ug/l	2.3	20000	
Cu	63	45	He	28.352	ug/l	1.5	20000	
Zn	66	45	He	44.803	ug/l	6.5	20000	
As	75	45	He	2.162	ug/l	14.2	5000	
Se	78	45	H2	0.855	ug/l	71.5	2000	
Sr	88	115	He	594.000	ug/l	1.6	5000	
Mo	95	115	He	0.213	ug/l	20.3	2000	
Ag	107	115	He	0.254	ug/l	22.7	100	
Cd	111	115	He	0.770	ug/l	8.6	5000	
Sn	118	115	He	0.020	ug/l	1184.5	200	
Sb	121	115	He	0.158	ug/l	20.2	200	
Ba	135	159	He	143.267	ug/l	6.3	20000	
Tl	205	209	He	-0.088	ug/l	N/A	1000	
[Pb]	206	209	He	6.831	ug/l	2.6		
[Pb]	207	209	He	6.088	ug/l	2.6		
Pb	208	209	He	6.430	ug/l	1.0	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1522240.71	3.6	90.2	60	125	
Sc (ISICPMS)	45	H2	739687.75	1.1	73.9	60	125	
Sc (ISICPMS)	45	He	26210.69	1.0	68.9	60	125	
Ge (IS)	74	H2	134176.18	2.5	76.0	60	125	
Ge (IS)	74	He	16580.42	2.0	73.5	60	125	
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	40556.23	1.3	68.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	269704.55	1.0	75.6	60	125	
Bi (IS)	209	He	240642.18	0.7	75.6	60	125	

Sample Report

File Name 240SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 17:06:50

Sample Name **460-233011-H-9-A**

Comment ---

Dilution **1.0000**

Vial # 4206

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.051	ug/l	37.6	2000	
B	11	6	No Gas	584.226	ug/l	3.1	500	>LDR 6020B
Na	23	45	He	340827.456	ug/l	3.3	500000	
Mg	24	45	He	66334.971	ug/l	7.2	500000	
Al	27	45	He	258.797	ug/l	3.4	200000	
K	39	45	He	8448.405	ug/l	4.5	500000	
Ca	40	45	H2	343577.064	ug/l	4.7	500000	
Ti	47	45	He	5.234	ug/l	9.2	5000	
V	51	45	He	28.710	ug/l	2.1	5000	
Cr	52	45	He	113.544	ug/l	5.8	20000	
Mn	55	45	He	5594.191	ug/l	3.2	10000	
Fe	56	45	H2	1003.579	ug/l	1.6	500000	
Co	59	45	He	1.389	ug/l	10.3	2000	
Ni	60	45	He	49.009	ug/l	2.3	20000	
Cu	63	45	He	0.511	ug/l	21.0	20000	
Zn	66	45	He	29.723	ug/l	2.3	20000	
As	75	45	He	0.170	ug/l	212.9	5000	
Se	78	45	H2	0.550	ug/l	47.6	2000	
Sr	88	115	He	472.252	ug/l	3.0	5000	
Mo	95	115	He	0.035	ug/l	125.3	2000	
Ag	107	115	He	-0.011	ug/l	N/A	100	
Cd	111	115	He	0.017	ug/l	173.2	5000	
Sn	118	115	He	0.255	ug/l	149.9	200	
Sb	121	115	He	0.082	ug/l	28.0	200	
Ba	135	159	He	20.746	ug/l	2.5	20000	
Tl	205	209	He	-0.094	ug/l	N/A	1000	
[Pb]	206	209	He	0.482	ug/l	2.6		
[Pb]	207	209	He	0.467	ug/l	8.1		
Pb	208	209	He	0.470	ug/l	3.6	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1509081.09	3.3	89.4	60	125	
Sc (ISICPMS)	45	H2	720471.82	1.4	72.0	60	125	
Sc (ISICPMS)	45	He	26686.09	3.5	70.2	60	125	
Ge (IS)	74	H2	134574.28	1.0	76.2	60	125	
Ge (IS)	74	He	16901.08	3.3	74.9	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	39850.25	0.6	67.4	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	272798.84	1.1	76.5	60	125	
Bi (IS)	209	He	237491.87	0.6	74.6	60	125	

Sample Report

File Name 241SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 17:09:00

Sample Name **460-233011-H-10-A**

Comment ---

Dilution **1.0000**

Vial # 4207

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.006	ug/l	234.8	2000	
B	11	6	No Gas	4003.754	ug/l	4.2	500	>LDR 6020B□>LDR 200.8
Na	23	45	He	75761.730	ug/l	3.4	500000	
Mg	24	45	He	26287.768	ug/l	2.3	500000	
Al	27	45	He	9.037	ug/l	39.6	200000	
K	39	45	He	5765.406	ug/l	3.5	500000	
Ca	40	45	H2	89901.228	ug/l	2.9	500000	
Ti	47	45	He	0.775	ug/l	105.7	5000	
V	51	45	He	0.075	ug/l	153.3	5000	
Cr	52	45	He	1062.114	ug/l	3.1	20000	
Mn	55	45	He	1011.489	ug/l	2.0	10000	
Fe	56	45	H2	460.898	ug/l	1.8	500000	
Co	59	45	He	2.497	ug/l	4.5	2000	
Ni	60	45	He	19.781	ug/l	1.0	20000	
Cu	63	45	He	2.143	ug/l	18.9	20000	
Zn	66	45	He	3.651	ug/l	1.6	20000	
As	75	45	He	5.063	ug/l	4.7	5000	
Se	78	45	H2	0.051	ug/l	94.8	2000	
Sr	88	115	He	341.870	ug/l	1.9	5000	
Mo	95	115	He	3.417	ug/l	7.8	2000	
Ag	107	115	He	-0.012	ug/l	N/A	100	
Cd	111	115	He	0.100	ug/l	100.4	5000	
Sn	118	115	He	0.309	ug/l	54.8	200	
Sb	121	115	He	0.266	ug/l	41.2	200	
Ba	135	159	He	146.197	ug/l	1.6	20000	
Tl	205	209	He	-0.092	ug/l	N/A	1000	
[Pb]	206	209	He	0.357	ug/l	13.1		
[Pb]	207	209	He	0.185	ug/l	33.5		
Pb	208	209	He	0.290	ug/l	1.7	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1592074.39	3.0	94.3	60	125	
Sc (ISICPMS)	45	H2	731695.13	0.6	73.1	60	125	
Sc (ISICPMS)	45	He	26967.76	2.7	70.9	60	125	
Ge (IS)	74	H2	137067.06	1.5	77.6	60	125	
Ge (IS)	74	He	17462.43	1.1	77.4	60	125	
Kr	83	He	23.36	65.5	350.0			
In-1	115	He	41053.78	0.6	69.5	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	275062.98	1.8	77.1	60	125	
Bi (IS)	209	He	244292.73	0.6	76.8	60	125	

Sample Report

File Name 242SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 17:11:11

Sample Name **460-233011-H-8-A@20**

Comment ---

Dilution **1.0000**

Vial # 4205

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.014	ug/l	N/A	2000	
B	11	6	No Gas	136.419	ug/l	4.9	500	
Na	23	45	He	24422.490	ug/l	2.5	500000	
Mg	24	45	He	277.156	ug/l	2.5	500000	
Al	27	45	He	7.751	ug/l	14.8	200000	
K	39	45	He	2875.685	ug/l	0.7	500000	
Ca	40	45	H2	14686.322	ug/l	1.7	500000	
Ti	47	45	He	0.792	ug/l	41.1	5000	
V	51	45	He	-0.184	ug/l	N/A	5000	
Cr	52	45	He	7724.073	ug/l	0.8	20000	
Mn	55	45	He	17.449	ug/l	4.7	10000	
Fe	56	45	H2	10.597	ug/l	2.2	500000	
Co	59	45	He	0.115	ug/l	28.2	2000	
Ni	60	45	He	1.034	ug/l	4.2	20000	
Cu	63	45	He	2.126	ug/l	5.2	20000	
Zn	66	45	He	3.956	ug/l	22.0	20000	
As	75	45	He	0.283	ug/l	101.2	5000	
Se	78	45	H2	-0.005	ug/l	N/A	2000	
Sr	88	115	He	32.231	ug/l	2.3	5000	
Mo	95	115	He	0.046	ug/l	64.3	2000	
Ag	107	115	He	0.024	ug/l	24.6	100	
Cd	111	115	He	0.065	ug/l	43.4	5000	
Sn	118	115	He	-0.012	ug/l	N/A	200	
Sb	121	115	He	0.105	ug/l	7.9	200	
Ba	135	159	He	7.300	ug/l	10.4	20000	
Tl	205	209	He	-0.096	ug/l	N/A	1000	
[Pb]	206	209	He	0.387	ug/l	6.3		
[Pb]	207	209	He	0.289	ug/l	11.1		
Pb	208	209	He	0.336	ug/l	11.1	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1628692.68	5.1	96.5	60	125	
Sc (ISICPMS)	45	H2	733194.66	2.5	73.2	60	125	
Sc (ISICPMS)	45	He	26784.10	1.1	70.5	60	125	
Ge (IS)	74	H2	125347.66	2.6	71.0	60	125	
Ge (IS)	74	He	15581.58	2.2	69.1	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	42007.36	1.4	71.1	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	281839.25	1.4	79.0	60	125	
Bi (IS)	209	He	252171.88	0.7	79.2	60	125	

Sample Report

File Name 243SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 17:13:23

Sample Name **460-233011-H-11-A@100**

Comment ---

Dilution **1.0000**

Vial # 4208

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.001	ug/l	N/A	2000	
B	11	6	No Gas	46.361	ug/l	5.7	500	
Na	23	45	He	15653.020	ug/l	1.8	500000	
Mg	24	45	He	391.948	ug/l	4.7	500000	
Al	27	45	He	1.353	ug/l	182.9	200000	
K	39	45	He	263.631	ug/l	9.7	500000	
Ca	40	45	H2	1071.356	ug/l	3.6	500000	
Ti	47	45	He	0.230	ug/l	270.8	5000	
V	51	45	He	-0.541	ug/l	N/A	5000	
Cr	52	45	He	12353.429	ug/l	2.0	20000	
Mn	55	45	He	2.982	ug/l	23.1	10000	
Fe	56	45	H2	1.867	ug/l	16.9	500000	
Co	59	45	He	0.076	ug/l	24.5	2000	
Ni	60	45	He	2.732	ug/l	8.0	20000	
Cu	63	45	He	1.977	ug/l	7.8	20000	
Zn	66	45	He	2.017	ug/l	35.8	20000	
As	75	45	He	-0.064	ug/l	N/A	5000	
Se	78	45	H2	-0.032	ug/l	N/A	2000	
Sr	88	115	He	3.906	ug/l	5.3	5000	
Mo	95	115	He	0.147	ug/l	55.0	2000	
Ag	107	115	He	-0.007	ug/l	N/A	100	
Cd	111	115	He	0.049	ug/l	100.0	5000	
Sn	118	115	He	0.037	ug/l	321.5	200	
Sb	121	115	He	0.065	ug/l	59.9	200	
Ba	135	159	He	0.009	ug/l	1928.7	20000	
Tl	205	209	He	-0.095	ug/l	N/A	1000	
[Pb]	206	209	He	0.022	ug/l	84.6		
[Pb]	207	209	He	0.036	ug/l	85.6		
Pb	208	209	He	0.013	ug/l	176.9	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1603309.25	3.9	95.0	60	125	
Sc (ISICPMS)	45	H2	747392.88	2.3	74.7	60	125	
Sc (ISICPMS)	45	He	26718.45	2.0	70.3	60	125	
Ge (IS)	74	H2	125169.51	0.4	70.9	60	125	
Ge (IS)	74	He	15735.15	2.2	69.8	60	125	
Kr	83	He	10.01	100.0	150.0			
In-1	115	He	41739.63	0.2	70.6	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	272507.37	1.2	76.4	60	125	
Bi (IS)	209	He	248334.72	1.5	78.0	60	125	

Sample Report

File Name 244SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 17:15:34

Sample Name **460-233011-H-12-A@100**

Comment ---

Dilution **1.0000**

Vial # 4209

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	0.002	ug/l	214.5	2000	
B	11	6	No Gas	33.737	ug/l	0.8	500	
Na	23	45	He	9420.003	ug/l	2.9	500000	
Mg	24	45	He	1012.407	ug/l	1.8	500000	
Al	27	45	He	3.299	ug/l	16.0	200000	
K	39	45	He	241.007	ug/l	6.7	500000	
Ca	40	45	H2	2498.585	ug/l	3.1	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	-0.471	ug/l	N/A	5000	
Cr	52	45	He	8179.794	ug/l	3.2	20000	
Mn	55	45	He	2.951	ug/l	4.5	10000	
Fe	56	45	H2	2.158	ug/l	12.3	500000	
Co	59	45	He	0.446	ug/l	13.3	2000	
Ni	60	45	He	3.469	ug/l	2.4	20000	
Cu	63	45	He	2.653	ug/l	13.7	20000	
Zn	66	45	He	1.789	ug/l	18.2	20000	
As	75	45	He	-0.108	ug/l	N/A	5000	
Se	78	45	H2	-0.058	ug/l	N/A	2000	
Sr	88	115	He	6.739	ug/l	9.7	5000	
Mo	95	115	He	0.179	ug/l	11.8	2000	
Ag	107	115	He	0.015	ug/l	159.0	100	
Cd	111	115	He	0.016	ug/l	173.2	5000	
Sn	118	115	He	0.165	ug/l	139.7	200	
Sb	121	115	He	0.053	ug/l	92.8	200	
Ba	135	159	He	0.325	ug/l	57.9	20000	
Tl	205	209	He	-0.098	ug/l	N/A	1000	
[Pb]	206	209	He	-0.012	ug/l	N/A		
[Pb]	207	209	He	0.013	ug/l	258.6		
Pb	208	209	He	0.007	ug/l	210.4	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1589256.38	0.6	94.2	60	125	
Sc (ISICPMS)	45	H2	728024.32	1.9	72.7	60	125	
Sc (ISICPMS)	45	He	27123.64	2.6	71.3	60	125	
Ge (IS)	74	H2	123254.65	0.1	69.8	60	125	
Ge (IS)	74	He	15164.00	5.2	67.2	60	125	
Kr	83	He	3.34	173.2	50.0			
In-1	115	He	42072.71	0.8	71.2	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	274647.03	1.7	77.0	60	125	
Bi (IS)	209	He	244894.94	1.8	76.9	60	125	

Sample Report

File Name 245SMPL.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 17:17:46

Sample Name **rn chk**

Comment ---

Dilution **1.0000**

Vial # 3

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	High Value	QC Flag
Be	9	6	No Gas	-0.008	ug/l	N/A	2000	
B	11	6	No Gas	18.365	ug/l	8.1	500	
Na	23	45	He	386.815	ug/l	15.6	500000	
Mg	24	45	He	1.985	ug/l	9.3	500000	
Al	27	45	He	0.429	ug/l	352.2	200000	
K	39	45	He	113.403	ug/l	14.5	500000	
Ca	40	45	H2	20.929	ug/l	4.0	500000	
Ti	47	45	He	-0.130	ug/l	N/A	5000	
V	51	45	He	-0.500	ug/l	N/A	5000	
Cr	52	45	He	3.047	ug/l	23.0	20000	
Mn	55	45	He	0.876	ug/l	51.3	10000	
Fe	56	45	H2	1.455	ug/l	12.9	500000	
Co	59	45	He	-0.014	ug/l	N/A	2000	
Ni	60	45	He	0.321	ug/l	37.1	20000	
Cu	63	45	He	0.048	ug/l	365.8	20000	
Zn	66	45	He	2.271	ug/l	6.3	20000	
As	75	45	He	-0.125	ug/l	N/A	5000	
Se	78	45	H2	-0.005	ug/l	N/A	2000	
Sr	88	115	He	0.074	ug/l	71.9	5000	
Mo	95	115	He	0.020	ug/l	0.2	2000	
Ag	107	115	He	0.003	ug/l	85.9	100	
Cd	111	115	He	0.033	ug/l	173.2	5000	
Sn	118	115	He	0.214	ug/l	111.1	200	
Sb	121	115	He	0.044	ug/l	0.5	200	
Ba	135	159	He	-0.147	ug/l	N/A	20000	
Tl	205	209	He	-0.098	ug/l	N/A	1000	
[Pb]	206	209	He	-0.003	ug/l	N/A		
[Pb]	207	209	He	-0.010	ug/l	N/A		
Pb	208	209	He	0.007	ug/l	178.3	20000	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Li (IS)	6	No Gas	1600533.79	4.0	94.8	60	125	
Sc (ISICPMS)	45	H2	734203.56	1.0	73.3	60	125	
Sc (ISICPMS)	45	He	26715.00	2.9	70.3	60	125	
Ge (IS)	74	H2	124648.85	1.2	70.6	60	125	
Ge (IS)	74	He	15177.39	0.9	67.3	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	40964.77	0.2	69.3	60	125	

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower Limit	Upper Limit	QC Flag
Tb (IS)	159	He	271170.92	1.9	76.0	60	125	
Bi (IS)	209	He	247636.90	2.1	77.8	60	125	

Continuing Calibration Verification (CCV)

File Name 246_CCV.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 17:19:58

Sample Name **CCV 8858137**

Comment ---

Dilution 1.0000

Vial # 1301

FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	94.528	ug/l	4.0	100	90	110	
B	11	6	No Gas	246.211	ug/l	1.5	250	225	275	
Na	23	45	He	28224.716	ug/l	1.3	25000	22500	27500	failed
Mg	24	45	He	27726.149	ug/l	0.6	25000	22500	27500	failed
Al	27	45	He	25832.854	ug/l	0.8	25000	22500	27500	
K	39	45	He	25043.770	ug/l	0.8	25000	22500	27500	
Ca	40	45	H2	25432.102	ug/l	1.8	25000	22500	27500	
Ti	47	45	He	97.179	ug/l	6.9	100	90	110	
V	51	45	He	99.347	ug/l	1.1	100	90	110	
Cr	52	45	He	101.806	ug/l	1.8	100	90	110	
Mn	55	45	He	101.519	ug/l	1.0	100	90	110	
Fe	56	45	H2	26428.379	ug/l	1.8	25000	22500	27500	
Co	59	45	He	101.483	ug/l	1.4	100	90	110	
Ni	60	45	He	102.205	ug/l	1.8	100	90	110	
Cu	63	45	He	103.704	ug/l	1.8	100	90	110	
Zn	66	45	He	253.926	ug/l	0.2	250	225	275	
As	75	45	He	99.166	ug/l	2.0	100	90	110	
Se	78	45	H2	107.414	ug/l	1.8	100	90	110	
Sr	88	115	He	91.852	ug/l	3.1	100	90	110	
Mo	95	115	He	99.839	ug/l	3.7	100	90	110	
Ag	107	115	He	52.349	ug/l	1.4	50	45	55	
Cd	111	115	He	104.356	ug/l	7.3	100	90	110	
Sn	118	115	He	102.778	ug/l	3.1	100	90	110	
Sb	121	115	He	100.835	ug/l	1.8	100	90	110	
Ba	135	159	He	91.984	ug/l	2.3	100	90	110	
Tl	205	209	He	103.587	ug/l	3.7	100	90	110	
[Pb]	206	209	He	102.075	ug/l	1.6				
[Pb]	207	209	He	99.785	ug/l	2.0				
Pb	208	209	He	100.867	ug/l	1.4	100	90	110	

ISTD Table:

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1561097.44	2.8	92.5	60	125	
Sc (ISICPMS)	45	H2	719766.81	0.7	71.9	60	125	
Sc (ISICPMS)	45	He	25776.54	1.2	67.8	60	125	
Ge (IS)	74	H2	126547.48	1.2	71.7	60	125	
Ge (IS)	74	He	16239.78	5.8	72.0	60	125	

Continuing Calibration Verification (CCV)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Kr	83	He	6.67	86.6	100.0			
In-1	115	He	40527.39	1.5	68.6	60	125	
Tb (IS)	159	He	266365.13	0.7	74.7	60	125	
Bi (IS)	209	He	237015.19	1.6	74.5	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

File Name 247_Blk.d

File Path D:\Agilent\ICPMH\1\DATA\NM050421.b

Acq Time 2021-05-04 17:22:08

Sample Name **CCB**

Comment ---

Dilution 1.0000

Multiplier Table 1302

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	ExpectedValue	Lower Lmt	Upper Lmt	QC Flag
Be	9	6	No Gas	0.018	ug/l	78.6	0.8	-0.8	0.8	
B	11	6	No Gas	18.393	ug/l	1.8	40	-40	40	
Na	23	45	He	359.421	ug/l	7.0	500	-500	500	
Mg	24	45	He	6.251	ug/l	15.9	200	-200	200	
Al	27	45	He	3.626	ug/l	110.7	40	-40	40	
K	39	45	He	127.419	ug/l	29.3	200	-200	200	
Ca	40	45	H2	17.778	ug/l	2.5	500	-500	500	
Ti	47	45	He	0.054	ug/l	590.9	4	-4	4	
V	51	45	He	-0.543	ug/l	N/A	4	-4	4	
Cr	52	45	He	1.738	ug/l	7.8	4	-4	4	
Mn	55	45	He	0.882	ug/l	8.7	8	-8	8	
Fe	56	45	H2	6.465	ug/l	0.8	60	-60	60	
Co	59	45	He	0.009	ug/l	214.3	4	-4	4	
Ni	60	45	He	0.171	ug/l	31.1	4	-4	4	
Cu	63	45	He	0.014	ug/l	657.1	4	-4	4	
Zn	66	45	He	2.278	ug/l	30.6	16	-16	16	
As	75	45	He	0.156	ug/l	42.2	2	-2	2	
Se	78	45	H2	0.054	ug/l	234.9	2.5	-2.5	2.5	
Sr	88	115	He	0.055	ug/l	56.6	4	-4	4	
Mo	95	115	He	0.027	ug/l	86.7	4	-4	4	
Ag	107	115	He	0.024	ug/l	54.7	2	-2	2	
Cd	111	115	He	0.016	ug/l	173.2	2	-2	2	
Sn	118	115	He	0.159	ug/l	111.1	16	-16	16	
Sb	121	115	He	0.096	ug/l	39.8	2	-2	2	
Ba	135	159	He	-0.044	ug/l	N/A	4	-4	4	
Tl	205	209	He	-0.030	ug/l	N/A	0.8	-0.8	0.8	
[Pb]	206	209	He	0.017	ug/l	219.8				
[Pb]	207	209	He	0.005	ug/l	1111.5				
Pb	208	209	He	0.004	ug/l	697.7	1.2	-1.2	1.2	

ISTD Table:

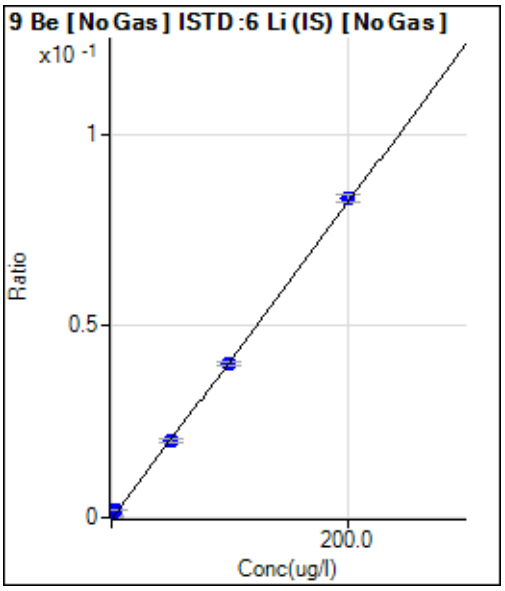
Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Li (IS)	6	No Gas	1560512.60	2.3	92.5	60	125	
Sc (ISICPMS)	45	H2	718587.04	1.0	71.8	60	125	
Sc (ISICPMS)	45	He	26611.48	1.3	70.0	60	125	
Ge (IS)	74	H2	122572.14	1.2	69.4	60	125	
Ge (IS)	74	He	15624.96	1.7	69.3	60	125	
Kr	83	He	0.00	N/A	0.0			
In-1	115	He	41258.06	2.6	69.8	60	125	
Tb (IS)	159	He	274430.76	0.6	76.9	60	125	

Initial/Continuing Calibration Blank (ICB/CCB)

Element	Mass	Tune Mode	CPS	RSD(%)	ISTD Recovery %	Lower %Lmt	Upper %Lmt	QC Flag
Bi (IS)	209	He	244307.62	1.2	76.8	60	125	

Batch Folder: D:\Agilent\ICPMH\1\DATA\NM050421.b\
Analysis File: NM050421.batch.bin
DA Date-Time: 2021-05-04 08:39:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

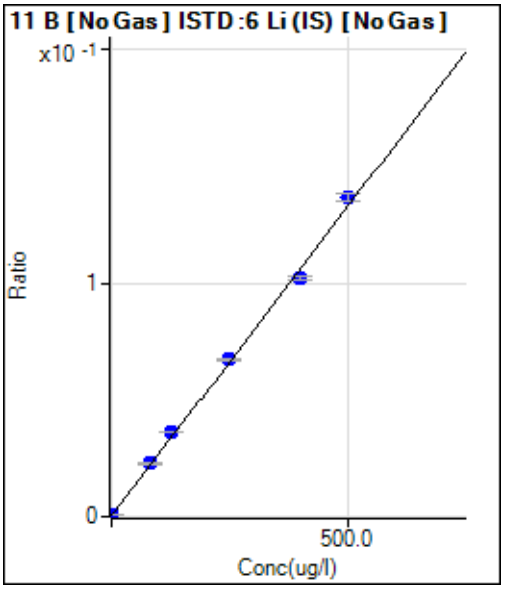
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC CAL-Blk	2021-05-04 08:17:14
2	005CALS.d	IC CAL1 8858131	2021-05-04 08:19:26
3	006CALS.d	IC CAL2 8858133	2021-05-04 08:21:38
4	007CALS.d	IC CAL3 8858135	2021-05-04 08:23:49
5	008CALS.d	IC CAL4 8858137	2021-05-04 08:25:59
6	009CALS.d	IC CAL5 8858139	2021-05-04 08:28:08



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26.67	0.0000	P	37.3	
2	☐	0.800	0.942	672.24	0.0004	P	5.7	17.7
3	☐	4.000	4.321	3067.03	0.0018	P	3.6	8.0
4	☐	50.000	48.610	33923.63	0.0201	P	3.8	-2.8
5	☐	100.000	97.409	70580.60	0.0403	P	2.8	-2.6
6	☐	200.000	201.636	143916.23	0.0834	P	2.4	0.8

y = 4.1357E-004 * x + 1.5797E-005
R = 0.9998
DL = 0.04276 ug/l
BEC = 0.0382 ug/l

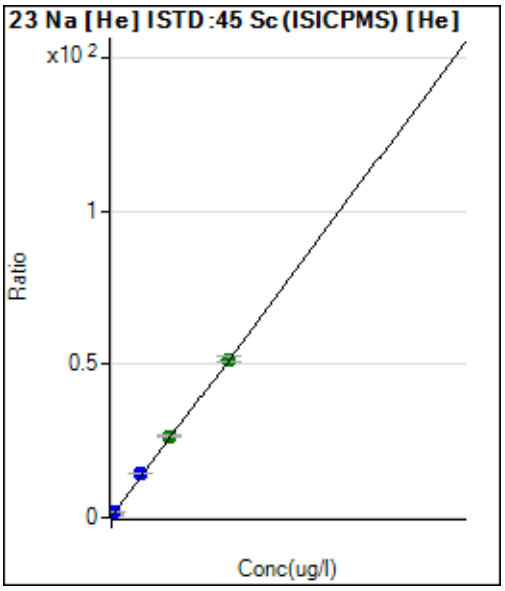
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1772.35	0.0011	P	1.3	
2	☐	80.000	81.832	37641.16	0.0227	P	4.7	2.3
3	☐	400.000	381.204	173679.30	0.1021	P	1.7	-4.7
4	☐	125.000	133.425	61423.04	0.0364	P	1.0	6.7
5	☐	250.000	250.600	118141.28	0.0675	P	1.4	0.2
6	☐	500.000	512.338	236183.10	0.1368	P	2.1	2.5

y = 2.6503E-004 * x + 0.0011
R = 0.9985
DL = 0.1504 ug/l
BEC = 3.962 ug/l

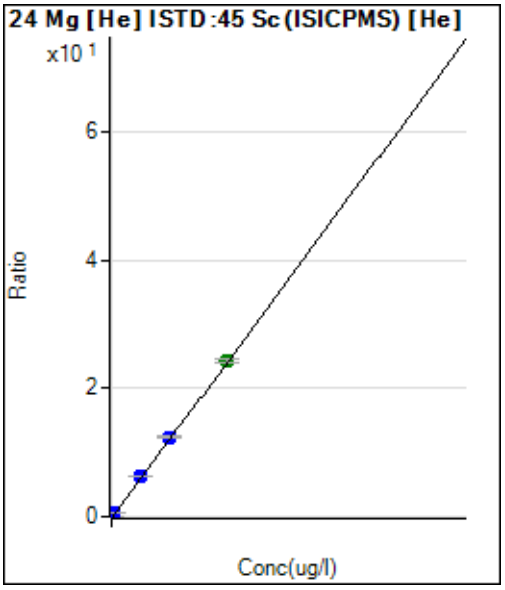
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	35660.86	0.9381	P	1.4	
2	☐	200.000	195.428	43870.79	1.1371	P	1.3	-2.3
3	☐	1000.000	1054.836	76724.06	2.0119	P	3.3	5.5
4	☐	12500.000	13273.178	548982.47	14.4498	P	0.4	6.2
5	☐	25000.000	25256.457	1036860.95	26.6484	A	1.3	1.0
6	☐	50000.000	49677.399	1992284.73	51.5082	A	3.4	-0.6

y = 0.0010 * x + 0.9381
R = 0.9998
DL = 38.18 ug/l
BEC = 921.6 ug/l

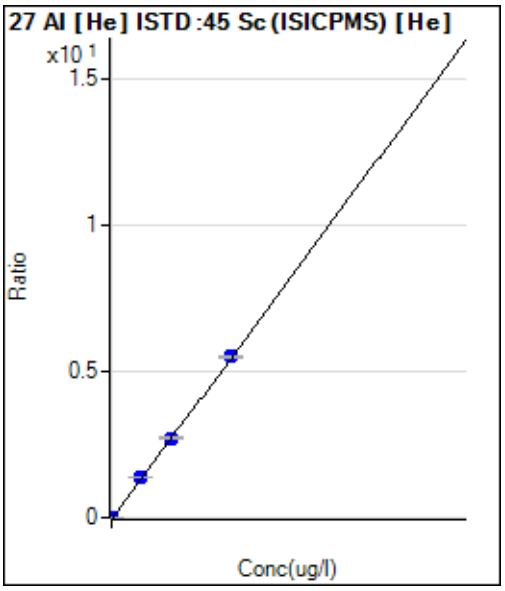
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	46.67	0.0012	P	25.6	
2	☐	200.000	212.924	4089.51	0.1060	P	4.1	6.5
3	☐	1000.000	1030.762	19391.39	0.5083	P	1.2	3.1
4	☐	12500.000	13076.775	244430.42	6.4337	P	0.6	4.6
5	☐	25000.000	25257.316	483469.37	12.4254	P	0.9	1.0
6	☐	50000.000	49726.482	946173.80	24.4619	A	2.4	-0.5

y = 4.9190E-004 * x + 0.0012
R = 0.9999
DL = 1.92 ug/l
BEC = 2.499 ug/l

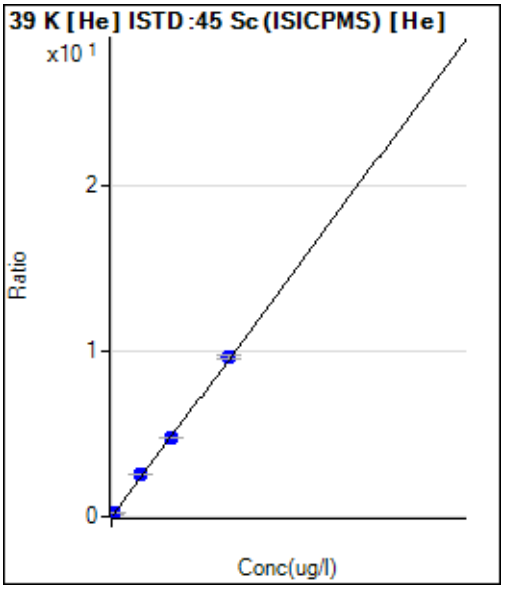
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	22.78	0.0006	P	9.3	
2	☐	40.000	46.644	221.11	0.0057	P	11.8	16.6
3	☐	200.000	196.037	845.03	0.0222	P	2.5	-2.0
4	☐	12500.000	12641.882	52836.97	1.3907	P	0.3	1.1
5	☐	25000.000	24799.649	106131.85	2.7276	P	1.7	-0.8
6	☐	50000.000	50064.716	212984.84	5.5057	P	0.5	0.1

y = 1.0996E-004 * x + 5.9953E-004
R = 1.0000
DL = 1.516 ug/l
BEC = 5.452 ug/l

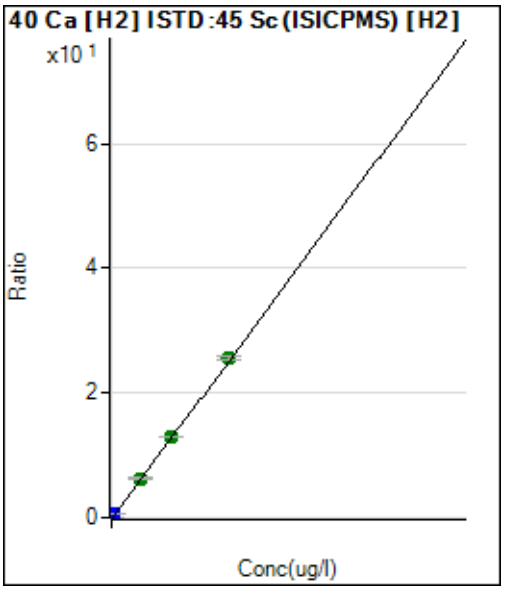
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2929.22	0.0771	P	3.1	
2	☐	200.000	196.955	4427.41	0.1148	P	3.9	-1.5
3	☐	1000.000	1062.316	10697.52	0.2804	P	0.3	6.2
4	☐	12500.000	12759.448	95689.44	2.5187	P	1.1	2.1
5	☐	25000.000	24679.585	186756.47	4.7998	P	0.8	-1.3
6	☐	50000.000	50094.112	373775.67	9.6631	P	1.9	0.2

y = 1.9136E-004 * x + 0.0771
R = 1.0000
DL = 37.09 ug/l
BEC = 402.7 ug/l

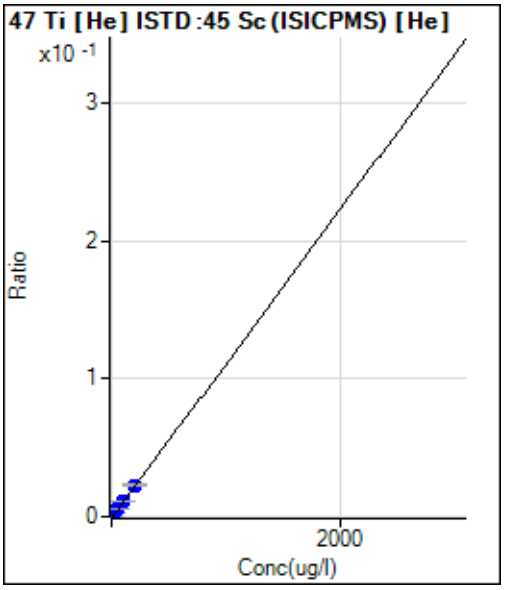
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	14476.55	0.0145	P	3.3	
2	☐	200.000	217.919	126419.31	0.1262	P	3.7	9.0
3	☐	1000.000	1049.248	565100.88	0.5524	P	3.9	4.9
4	☐	12500.000	12186.411	6684868.44	6.2622	A	2.6	-2.5
5	☐	25000.000	25297.904	13855386.46	12.9842	A	1.9	1.2
6	☐	50000.000	49928.389	26495556.55	25.6117	A	2.5	-0.1

y = 5.1268E-004 * x + 0.0145
R = 1.0000
DL = 2.799 ug/l
BEC = 28.22 ug/l

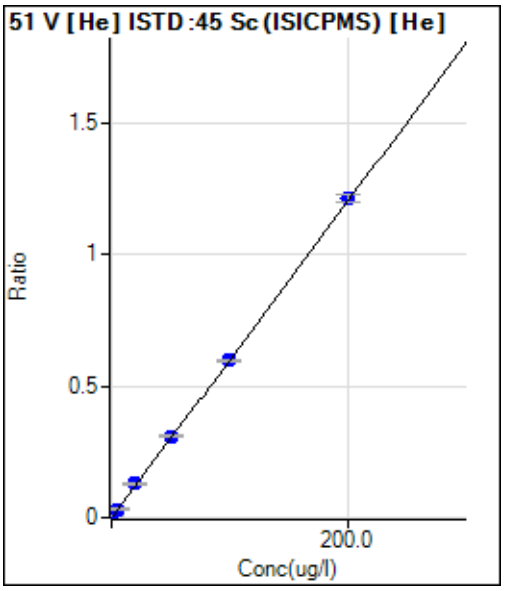
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.56	0.0000	P	173.2	
2	☐	4.000	3.186	14.44	0.0004	P	54.2	-20.3
3	☐	20.000	20.885	90.56	0.0024	P	15.5	4.4
4	☐	50.000	49.545	212.78	0.0056	P	12.5	-0.9
5	☐	100.000	100.764	442.79	0.0114	P	4.6	0.8
6	☐	200.000	199.660	871.70	0.0225	P	6.7	-0.2

y = 1.1280E-004 * x + 1.4644E-005
R = 1.0000
DL = 0.6746 ug/l
BEC = 0.1298 ug/l

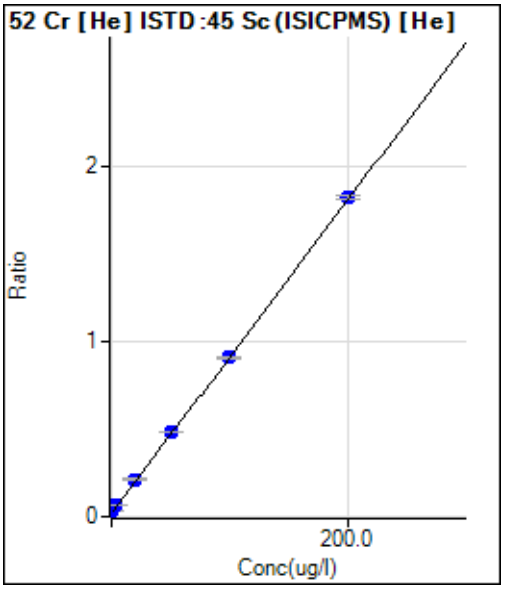
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	306.67	0.0081	P	10.3	
2	☐	4.000	4.045	1247.84	0.0323	P	3.3	1.1
3	☐	20.000	19.997	4884.24	0.1280	P	2.4	0.0
4	☐	50.000	50.339	11780.72	0.3101	P	1.3	0.7
5	☐	100.000	98.299	23261.06	0.5978	P	1.2	-1.7
6	☐	200.000	200.765	46902.89	1.2126	P	2.2	0.4

y = 0.0060 * x + 0.0081
R = 0.9999
DL = 0.416 ug/l
BEC = 1.345 ug/l

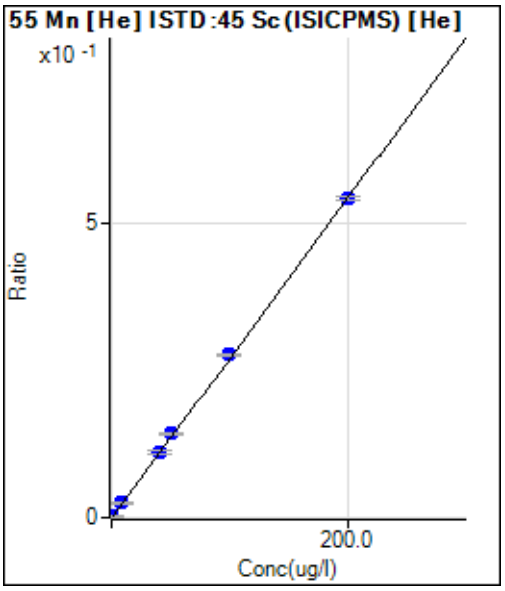
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1086.71	0.0286	P	5.1	
2	☐	4.000	3.929	2459.13	0.0637	P	0.7	-1.8
3	☐	20.000	20.629	8126.93	0.2131	P	2.3	3.1
4	☐	50.000	50.734	18323.49	0.4823	P	1.4	1.5
5	☐	100.000	98.345	35333.64	0.9081	P	1.0	-1.7
6	☐	200.000	200.583	70498.61	1.8224	P	0.7	0.3

y = 0.0089 * x + 0.0286
R = 0.9999
DL = 0.4849 ug/l
BEC = 3.197 ug/l

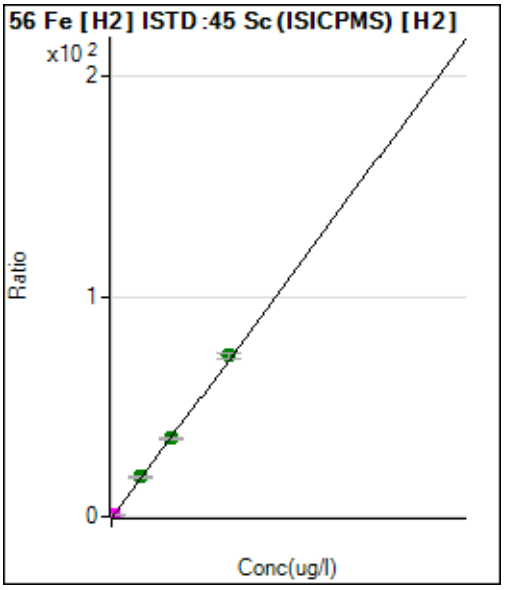
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	67.78	0.0018	P	23.0	
2	☐	8.000	8.394	946.71	0.0245	P	6.7	4.9
3	☐	40.000	40.286	4234.03	0.1110	P	5.3	0.7
4	☐	50.000	52.003	5424.46	0.1428	P	3.1	4.0
5	☐	100.000	101.242	10751.02	0.2763	P	1.4	1.2
6	☐	200.000	198.805	20923.99	0.5408	P	1.3	-0.6

y = 0.0027 * x + 0.0018
R = 0.9999
DL = 0.4541 ug/l
BEC = 0.6574 ug/l

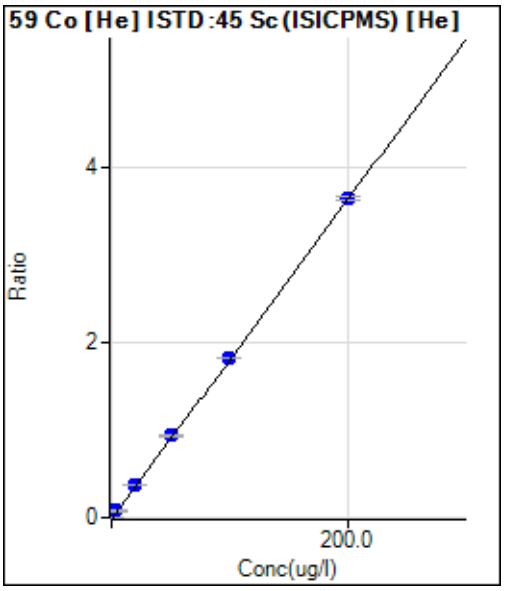
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	14359.82	0.0144	P	2.5	
2	☐	120.000	129.715	203208.36	0.2028	P	2.7	8.1
3	☐	600.000	634.671	958036.66	0.9365	M	1.0	5.8
4	☐	12500.000	12416.850	19290325.96	18.0553	A	2.5	-0.7
5	☐	25000.000	24433.073	37892745.27	35.5142	A	2.8	-2.3
6	☐	50000.000	50303.812	75602603.87	73.1028	A	2.9	0.6

y = 0.0015 * x + 0.0144
R = 0.9999
DL = 0.7443 ug/l
BEC = 9.877 ug/l

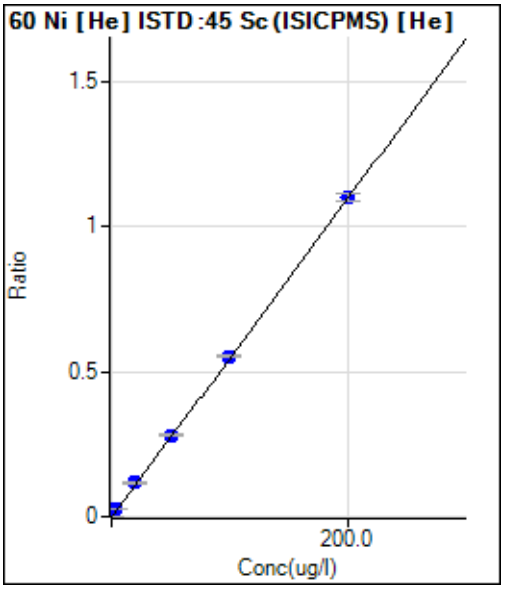
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	32.22	0.0008	P	20.8	
2	☐	4.000	4.209	3002.58	0.0778	P	5.4	5.2
3	☐	20.000	20.655	14445.58	0.3787	P	1.7	3.3
4	☐	50.000	51.123	35564.45	0.9361	P	0.6	2.2
5	☐	100.000	99.855	71110.15	1.8276	P	0.1	-0.1
6	☐	200.000	199.722	141366.40	3.6545	P	1.2	-0.1

y = 0.0183 * x + 8.4690E-004
R = 1.0000
DL = 0.02888 ug/l
BEC = 0.04629 ug/l

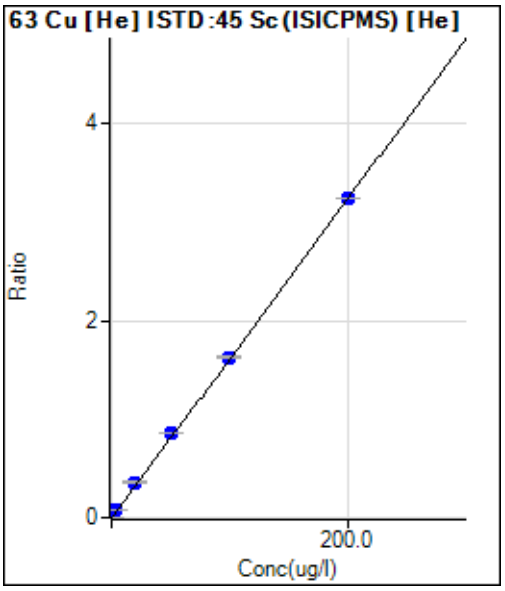
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	108.89	0.0029	P	9.9	
2	☐	4.000	4.463	1056.71	0.0274	P	5.5	11.6
3	☐	20.000	20.894	4487.45	0.1177	P	4.6	4.5
4	☐	50.000	50.669	10684.28	0.2812	P	2.9	1.3
5	☐	100.000	100.020	21491.61	0.5523	P	0.4	0.0
6	☐	200.000	199.724	42553.63	1.1001	P	2.2	-0.1

y = 0.0055 * x + 0.0029
R = 1.0000
DL = 0.1542 ug/l
BEC = 0.5211 ug/l

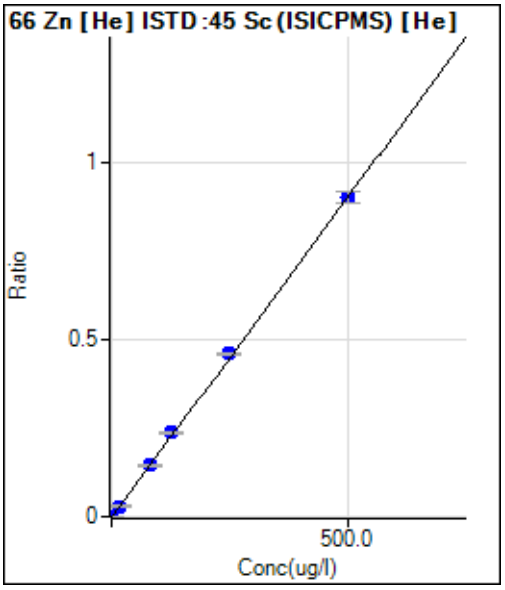
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	352.23	0.0093	P	6.7	
2	☐	4.000	4.294	3045.92	0.0790	P	2.9	7.3
3	☐	20.000	21.657	13759.27	0.3608	P	2.9	8.3
4	☐	50.000	52.556	32761.97	0.8623	P	0.9	5.1
5	☐	100.000	99.768	63369.04	1.6286	P	1.5	-0.2
6	☐	200.000	199.305	125505.28	3.2442	P	0.6	-0.3

y = 0.0162 * x + 0.0093
R = 0.9999
DL = 0.1144 ug/l
BEC = 0.5706 ug/l

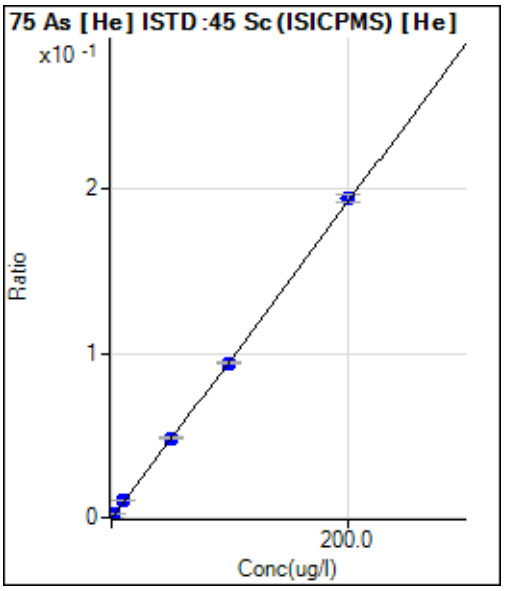
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	81.11	0.0021	P	29.7	
2	☐	16.000	15.247	1145.61	0.0297	P	4.6	-4.7
3	☐	80.000	79.106	5535.62	0.1451	P	2.6	-1.1
4	☐	125.000	130.164	9019.75	0.2374	P	1.7	4.1
5	☐	250.000	252.851	17866.36	0.4592	P	1.8	1.1
6	☐	500.000	497.451	34862.73	0.9013	P	3.4	-0.5

y = 0.0018 * x + 0.0021
R = 0.9999
DL = 1.053 ug/l
BEC = 1.183 ug/l

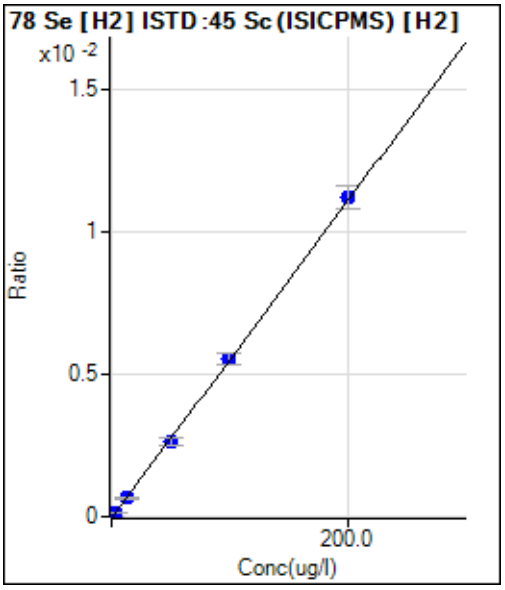
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0004	P	0.9	
2	☐	2.000	1.891	83.89	0.0022	P	5.0	-5.5
3	☐	10.000	10.181	387.79	0.0102	P	3.1	1.8
4	☐	50.000	49.811	1837.91	0.0484	P	3.5	-0.4
5	☐	100.000	97.261	3662.73	0.0941	P	0.8	-2.7
6	☐	200.000	201.409	7526.01	0.1946	P	2.1	0.7

y = 9.6424E-004 * x + 3.5067E-004
R = 0.9999
DL = 0.009883 ug/l
BEC = 0.3637 ug/l

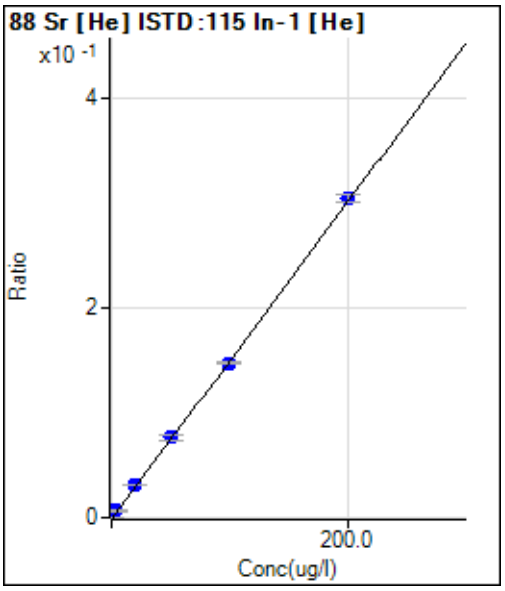
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7.78	0.0000	P	26.9	
2	☐	2.500	2.361	140.00	0.0001	P	5.8	-5.6
3	☐	12.500	11.417	660.02	0.0006	P	14.5	-8.7
4	☐	50.000	47.424	2832.55	0.0027	P	9.4	-5.2
5	☐	100.000	99.030	5896.89	0.0055	P	7.1	-1.0
6	☐	200.000	201.199	11612.88	0.0112	P	6.7	0.6

y = 5.5832E-005 * x + 7.7993E-006
R = 0.9999
DL = 0.1126 ug/l
BEC = 0.1397 ug/l

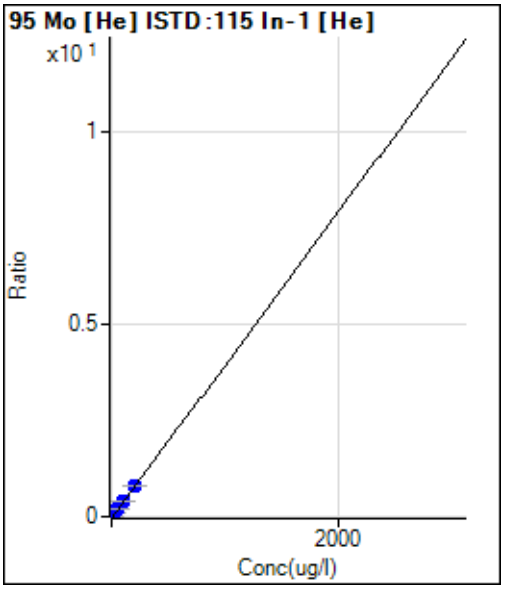
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7.78	0.0001	P	49.7	
2	☐	4.000	4.312	393.34	0.0067	P	10.8	7.8
3	☐	20.000	20.244	1770.13	0.0308	P	2.3	1.2
4	☐	50.000	50.347	4417.43	0.0763	P	5.6	0.7
5	☐	100.000	97.336	8556.13	0.1474	P	0.6	-2.7
6	☐	200.000	201.215	17672.91	0.3047	P	2.7	0.6

y = 0.0015 * x + 1.3174E-004
R = 0.9999
DL = 0.1298 ug/l
BEC = 0.08705 ug/l

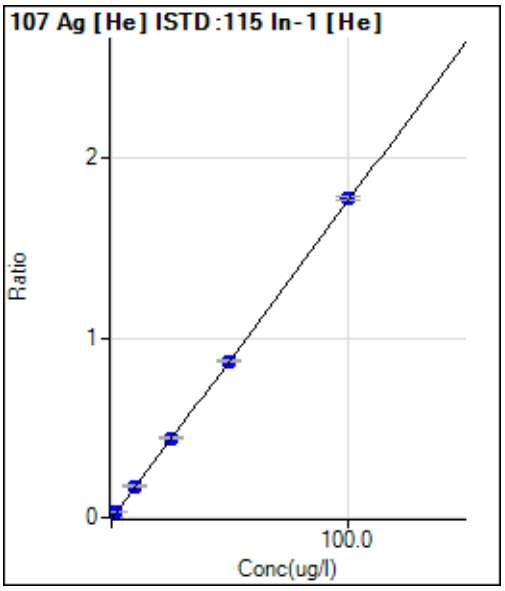
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.00	0.0000	P		
2	☐	4.000	4.063	957.82	0.0162	P	6.2	1.6
3	☐	20.000	20.447	4696.42	0.0816	P	2.7	2.2
4	☐	50.000	50.169	11588.49	0.2003	P	1.6	0.3
5	☐	100.000	100.685	23329.51	0.4020	P	1.1	0.7
6	☐	200.000	199.569	46220.35	0.7968	P	2.8	-0.2

y = 0.0040 * x + 0.0000E+000
R = 1.0000
DL = 0 ug/l
BEC = 0 ug/l

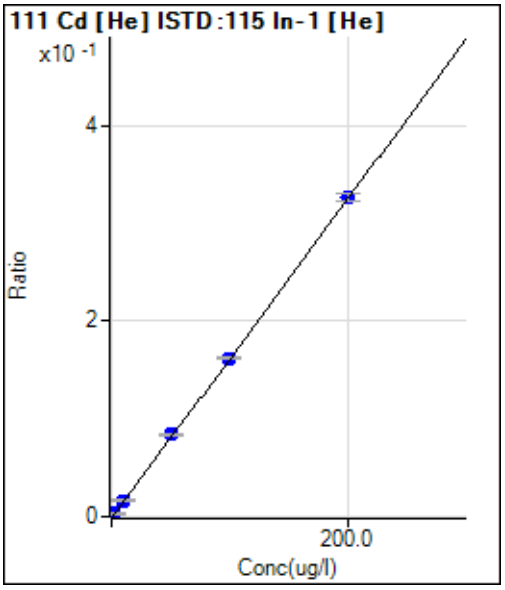
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	43.33	0.0007	P	20.4	
2	☐	2.000	1.964	2097.96	0.0355	P	5.0	-1.8
3	☐	10.000	9.915	10146.19	0.1764	P	2.4	-0.8
4	☐	25.000	24.994	25656.19	0.4435	P	1.8	0.0
5	☐	50.000	49.142	50554.39	0.8713	P	1.4	-1.7
6	☐	100.000	100.439	103263.95	1.7799	P	1.0	0.4

y = 0.0177 * x + 7.3320E-004
R = 0.9999
DL = 0.02531 ug/l
BEC = 0.04139 ug/l

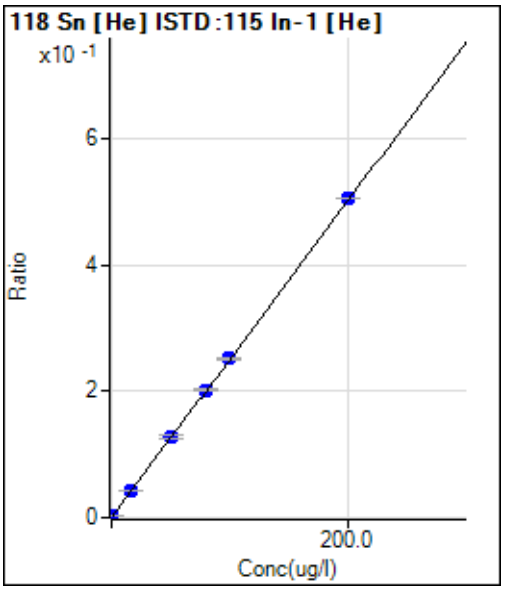
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.00	0.0000	P		
2	☐	2.000	1.850	178.89	0.0030	P	19.0	-7.5
3	☐	10.000	10.176	957.82	0.0166	P	4.2	1.8
4	☐	50.000	51.463	4868.71	0.0842	P	2.0	2.9
5	☐	100.000	99.273	9421.20	0.1623	P	1.1	-0.7
6	☐	200.000	199.991	18971.55	0.3271	P	2.2	0.0

y = 0.0016 * x + 0.0000E+000
R = 1.0000
DL = 0 ug/l
BEC = 0 ug/l

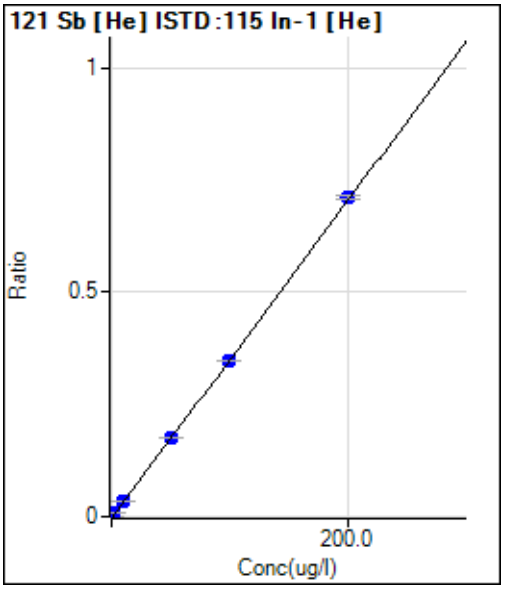
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	191.11	0.0032	P	16.3	
2	☐	16.000	16.004	2559.16	0.0433	P	1.5	0.0
3	☐	80.000	79.540	11648.57	0.2025	P	1.7	-0.6
4	☐	50.000	49.837	7407.72	0.1281	P	3.8	-0.3
5	☐	100.000	99.213	14609.34	0.2517	P	1.4	-0.8
6	☐	200.000	200.618	29340.76	0.5057	P	0.2	0.3

y = 0.0025 * x + 0.0032
R = 1.0000
DL = 0.6326 ug/l
BEC = 1.291 ug/l

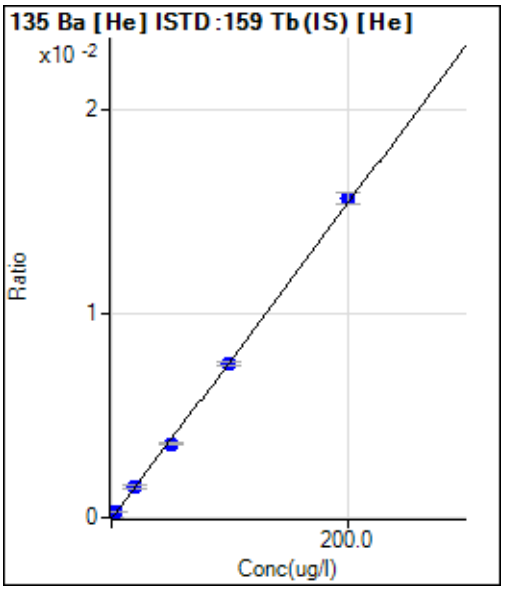
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0002	P	28.6	
2	☐	2.000	1.972	422.23	0.0072	P	5.0	-1.4
3	☐	10.000	9.792	2004.05	0.0348	P	3.1	-2.1
4	☐	50.000	49.733	10195.66	0.1762	P	1.4	-0.5
5	☐	100.000	97.943	20129.93	0.3469	P	0.9	-2.1
6	☐	200.000	201.106	41309.45	0.7121	P	1.7	0.6

y = 0.0035 * x + 1.6916E-004
R = 0.9999
DL = 0.04105 ug/l
BEC = 0.04778 ug/l

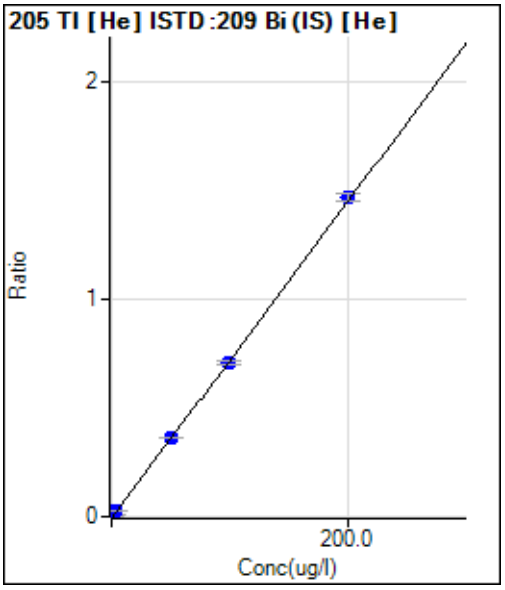
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5.56	0.0000	P	33.7	
2	☐	4.000	3.627	106.66	0.0003	P	10.7	-9.3
3	☐	20.000	19.838	546.68	0.0015	P	12.0	-0.8
4	☐	50.000	46.724	1288.96	0.0036	P	5.1	-6.6
5	☐	100.000	97.302	2718.09	0.0075	P	3.4	-2.7
6	☐	200.000	202.191	5603.48	0.0156	P	4.0	1.1

y = 7.7201E-005 * x + 1.5530E-005
R = 0.9997
DL = 0.2032 ug/l
BEC = 0.2012 ug/l

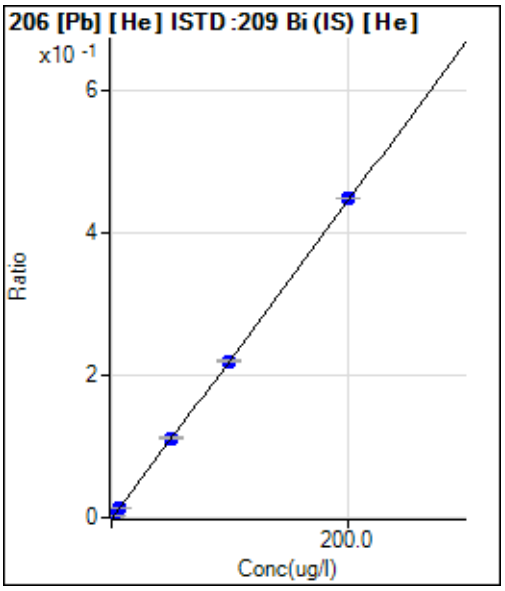
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	244.45	0.0008	P	12.2	
2	☐	0.800	0.808	2110.20	0.0067	P	2.4	0.9
3	☐	4.000	3.922	9202.36	0.0293	P	1.3	-2.0
4	☐	50.000	49.537	112916.18	0.3618	P	1.1	-0.9
5	☐	100.000	96.816	221288.52	0.7064	P	2.1	-3.2
6	☐	200.000	201.709	449312.88	1.4708	P	2.7	0.9

y = 0.0073 * x + 7.6778E-004
R = 0.9998
DL = 0.03852 ug/l
BEC = 0.1053 ug/l

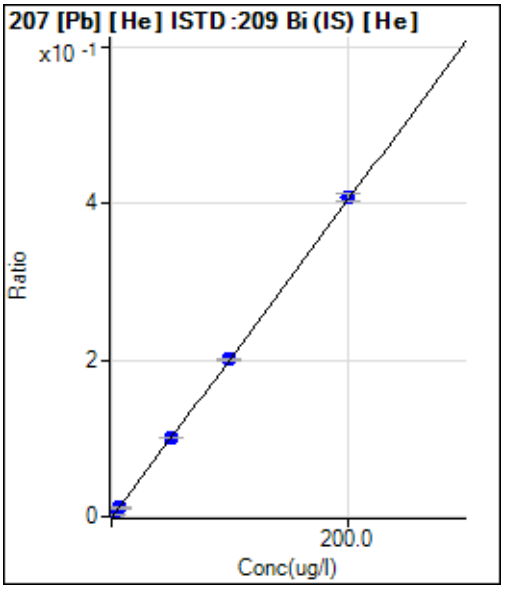
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	92.22	0.0003	P	21.2	
2	☐	1.200	1.095	867.82	0.0027	P	4.9	-8.7
3	☐	6.000	5.550	3978.45	0.0127	P	3.5	-7.5
4	☐	50.000	49.979	34936.92	0.1119	P	0.9	0.0
5	☐	100.000	98.451	69005.65	0.2202	P	1.7	-1.5
6	☐	200.000	200.794	137148.95	0.4489	P	0.4	0.4

y = 0.0022 * x + 2.8994E-004
R = 1.0000
DL = 0.08266 ug/l
BEC = 0.1298 ug/l

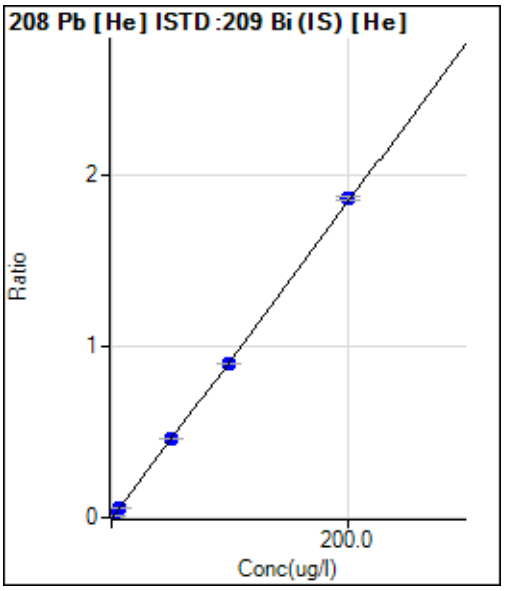
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	87.78	0.0003	P	21.2	
2	☐	1.200	1.086	786.70	0.0025	P	7.0	-9.5
3	☐	6.000	5.318	3472.74	0.0111	P	3.6	-11.4
4	☐	50.000	49.658	31570.23	0.1011	P	0.9	-0.7
5	☐	100.000	98.582	62823.08	0.2005	P	0.7	-1.4
6	☐	200.000	200.816	124695.69	0.4082	P	2.1	0.4

y = 0.0020 * x + 2.7596E-004
R = 1.0000
DL = 0.0865 ug/l
BEC = 0.1359 ug/l

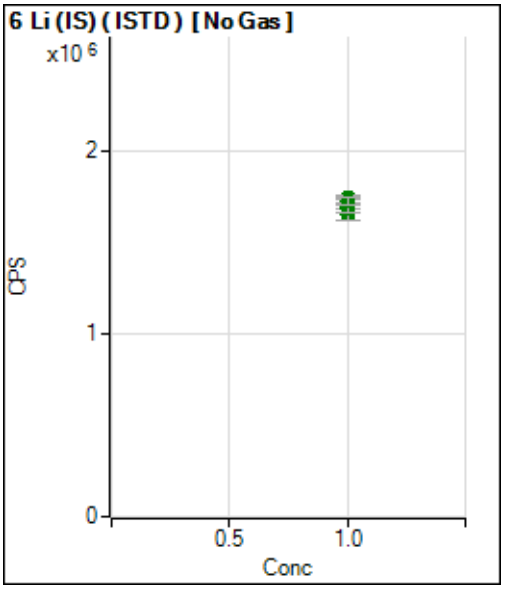
Weight: <None>
Min Conc: <None>



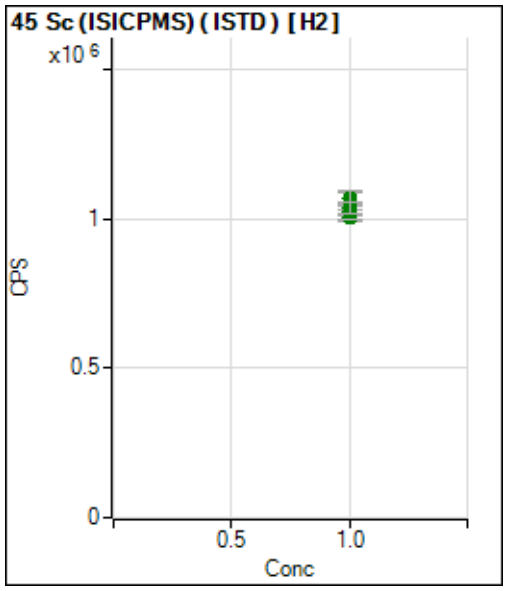
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	377.78	0.0012	P	12.1	
2	☐	1.200	1.152	3764.75	0.0119	P	3.4	-4.0
3	☐	6.000	5.471	16278.83	0.0519	P	0.8	-8.8
4	☐	50.000	49.566	143830.50	0.4608	P	0.8	-0.9
5	☐	100.000	97.335	283188.89	0.9038	P	0.5	-2.7
6	☐	200.000	201.457	571154.55	1.8694	P	1.3	0.7

y = 0.0093 * x + 0.0012
R = 0.9999
DL = 0.0466 ug/l
BEC = 0.128 ug/l

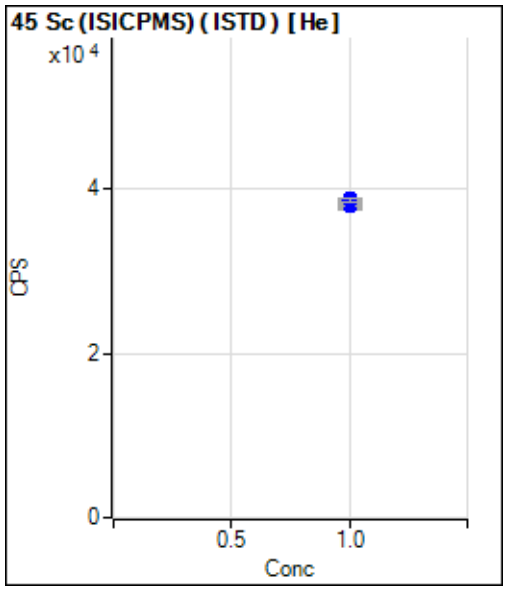
Weight: <None>
Min Conc: <None>



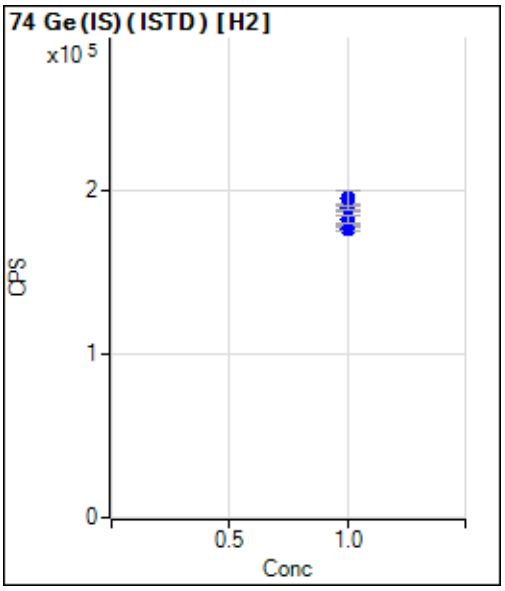
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1687844.51		A	0.3	
2	☐	1.000		1657159.98		A	3.9	
3	☐	1.000		1701557.09		A	1.7	
4	☐	1.000		1687142.63		A	2.4	
5	☐	1.000		1750941.57		A	1.5	
6	☐	1.000		1726153.62		A	2.4	



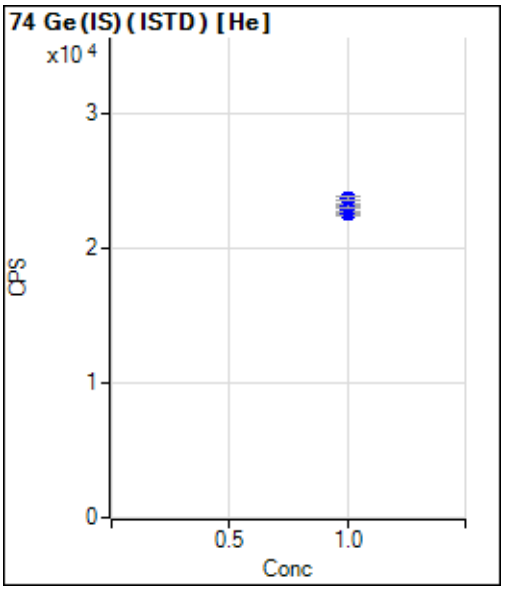
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1001001.84		A	2.0	
2	☐	1.000		1002127.62		A	1.3	
3	☐	1.000		1022926.57		A	1.4	
4	☐	1.000		1068076.54		A	3.3	
5	☐	1.000		1067455.19		A	5.0	
6	☐	1.000		1034952.03		A	4.1	



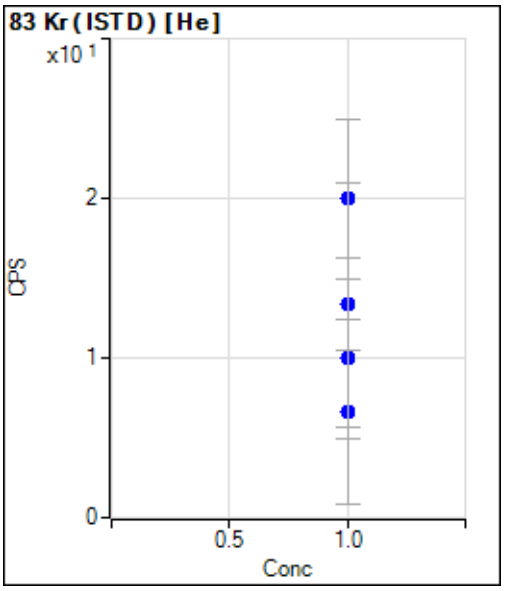
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		38015.05		P	0.9	
2	☐	1.000		38584.40		P	0.8	
3	☐	1.000		38157.68		P	2.9	
4	☐	1.000		37992.86		P	0.6	
5	☐	1.000		38909.80		P	0.3	
6	☐	1.000		38685.78		P	1.0	



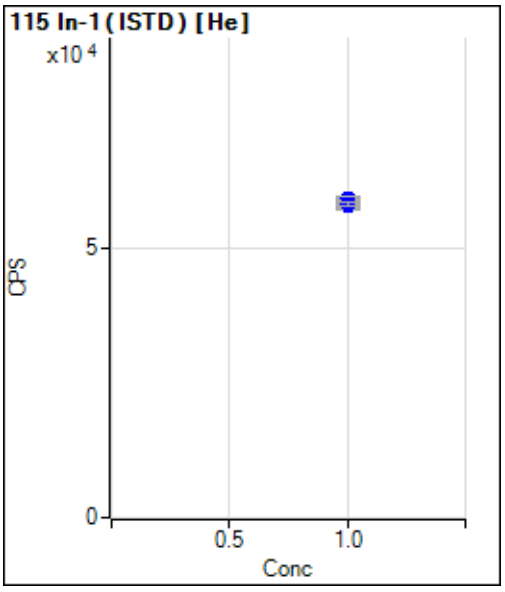
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		176530.54		P	1.0	
2	☐	1.000		178781.38		P	0.5	
3	☐	1.000		181887.05		P	2.7	
4	☐	1.000		189612.08		P	2.5	
5	☐	1.000		190023.39		P	2.2	
6	☐	1.000		195241.99		P	4.4	



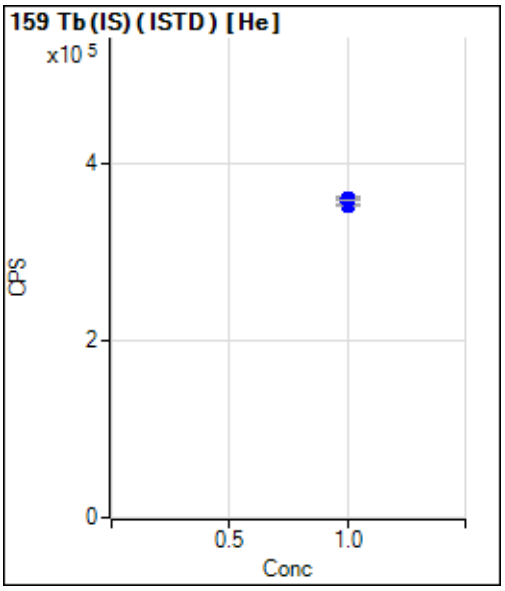
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		22551.82		P	0.5	
2	☐	1.000		22886.08		P	1.2	
3	☐	1.000		22601.89		P	1.6	
4	☐	1.000		22912.75		P	2.1	
5	☐	1.000		23156.83		P	0.9	
6	☐	1.000		23735.04		P	1.1	



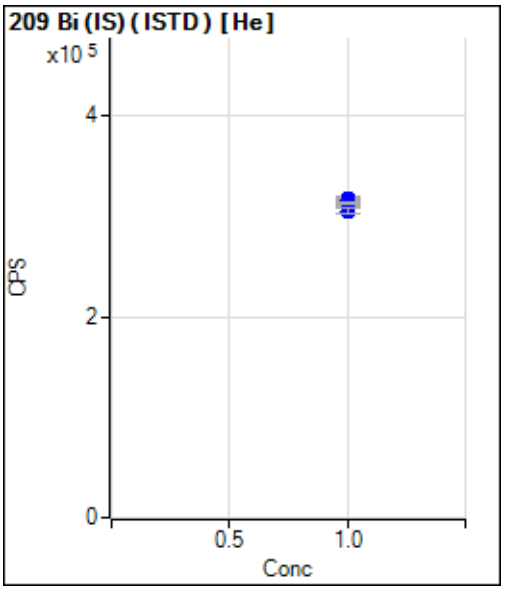
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		6.67		P	173.2	
2	☐	1.000		13.35		P	43.3	
3	☐	1.000		13.35		P	43.3	
4	☐	1.000		10.01		P	100.0	
5	☐	1.000		20.02		P	50.0	
6	☐	1.000		13.35		P	114.6	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		59103.37		P	0.4	
2	☐	1.000		59067.40		P	1.6	
3	☐	1.000		57540.54		P	1.6	
4	☐	1.000		57861.55		P	1.8	
5	☐	1.000		58028.55		P	1.1	
6	☐	1.000		58016.07		P	1.1	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		356652.75		P	1.7	
2	☐	1.000		360853.25		P	0.2	
3	☐	1.000		353299.33		P	0.4	
4	☐	1.000		355699.01		P	1.3	
5	☐	1.000		361109.22		P	1.0	
6	☐	1.000		358638.21		P	0.3	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		318264.03		P	0.6	
2	☐	1.000		317131.57		P	1.2	
3	☐	1.000		313524.35		P	0.8	
4	☐	1.000		312119.33		P	1.1	
5	☐	1.000		313308.97		P	0.9	
6	☐	1.000		305562.67		P	1.9	

US EPA Tune Check Report

Operator Name	ediicpms4
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\NM050421.b
Acq. Date-Time	2021-05-04 07:59:10
Report Comment	EPA TUNE REPORT
Instrument Name	G8421A SG18143095

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9	10.00	1364	13643.12	0.00		0.672	5.000
24	10.00	4344	43440.83	0.00		1.350	5.000
25	10.00	589	5887.74	0.00		2.128	5.000
26	10.00	704	7043.10	0.00		1.624	5.000
59	10.00	7177	71771.38	0.00		0.563	5.000
115	10.00	9610	96098.53	0.00		0.477	5.000
206	10.00	2897	28972.41	0.00		0.827	5.000
207	10.00	2585	25847.12	0.00		0.446	5.000
208	10.00	6279	62788.73	0.00		0.724	5.000

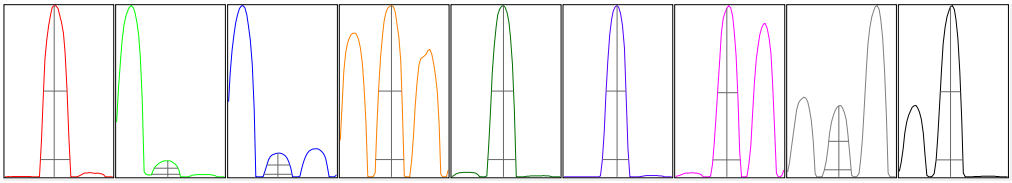
Mass	RSD% (Flag)
9	
24	
25	
26	
59	
115	
206	
207	
208	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	1377	1366	1364	1351	1365
24	4435	4282	4353	4305	4346
25	601	568	595	588	591
26	717	696	705	714	690
59	7224	7133	7136	7200	7192
115	9658	9661	9571	9573	9587
206	2862	2906	2927	2890	2901
207	2589	2581	2569	2600	2585
208	6256	6218	6302	6338	6280

Integration Time [sec] 0.1

Resolution/Axis

US EPA Tune Check Report



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	2236.66	8.90	8.90 - 9.10	
24	7084.31	23.95	23.90 - 24.10	
25	971.75	24.90	24.90 - 25.10	
26	1158.15	25.95	25.90 - 26.10	
59	12350.61	58.95	58.90 - 59.10	
115	18306.15	115.00	114.90 - 115.10	
206	5366.02	205.95	205.90 - 206.10	
207	4873.58	206.95	206.90 - 207.10	
208	11664.31	207.95	207.90 - 208.10	

Mass	W-50%	W-10%	W-10% (Required)	W-10% (Flag)
9	0.65	0.803	0.900	
24	0.64	0.775	0.900	
25	0.63	0.769	0.900	
26	0.64	0.772	0.900	
59	0.61	0.761	0.900	
115	0.54	0.720	0.900	
206	0.55	0.754	0.900	
207	0.54	0.731	0.900	
208	0.55	0.737	0.900	

Integration Time [sec]	0.1
Acquisition Time [sec]	198.999999999998
Y Axis	Linear

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.56 L/min	Dilution Gas	0.33 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.6 V	Deflect	9.6 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V

US EPA Tune Check Report

He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	0.0 mL/min	OctP RF	190 V		

QP Parameters

Mass Gain	141	Axis Gain	1.0017	QP Bias	-3.0 V
Mass Offset	124	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	0.0 mm	Torch V	-0.3 mm		

EM

Discriminator	3.5 mV	Analog HV	2159 V	Pulse HV	1011 V

050321TSS

Method: 7471A/B Operator: Admin Date of Analysis: 03 May 2021 05:47:55

Sample ID	Extended ID	µ Abs.	Conc.	Chapter	Method	Date	Element
Cal Blk - 1		38	-	050321HG1	7471A/B	03 May 2021 07:02:10	Hg
0.2 ug/L - 1		784	-	050321HG1	7471A/B	03 May 2021 07:04:07	Hg
1.0 ug/L - 1		3355	-	050321HG1	7471A/B	03 May 2021 07:06:05	Hg
2.0 ug/L - 1		6449	-	050321HG1	7471A/B	03 May 2021 07:08:03	Hg
5.0 ug/L - 1		15829	-	050321HG1	7471A/B	03 May 2021 07:09:59	Hg
10.0 ug/L - 1		31489	-	050321HG1	7471A/B	03 May 2021 07:11:55	Hg
ICV - 1		15948	100.8% 5.039	050321HG1	7471A/B	03 May 2021 07:13:52	Hg
ICB - 1		1	-0.045	7050321HG1	7471A/B	03 May 2021 07:15:51	Hg
CCV - 1		15733	99.4% 4.970	6050321HG1	7471A/B	03 May 2021 07:17:50	Hg
CCB - 1		-15	-0.050	8050321HG1	7471A/B	03 May 2021 07:19:46	Hg
mb-1 - 1		112	-0.010	3050321HG1	7471A/B	03 May 2021 07:21:44	Hg
lcssrm-a-1@40 - 1		25640	8.129	6050321HG1	7471A/B	03 May 2021 07:23:40	Hg
460-233113-a-14 - 1		2486	0.746	7050321HG1	7471A/B	03 May 2021 07:25:36	Hg
du 460-233113-a-14 - 1		2530	0.760	7050321HG1	7471A/B	03 May 2021 07:27:34	Hg
ms 460-233113-a-14 - 1		4982	1.542	5050321HG1	7471A/B	03 May 2021 07:29:30	Hg
sd 460-233133-a-14@5 - 1		715	0.181	9050321HG1	7471A/B	03 May 2021 07:31:26	Hg
460-233175-g-1 - 1		1487	0.428	1050321HG1	7471A/B	03 May 2021 07:33:22	Hg
460-233190-a-1 - 1		4831	1.494	4050321HG1	7471A/B	03 May 2021 07:35:19	Hg
460-233190-a-2 - 1		8347	2.615	5050321HG1	7471A/B	03 May 2021 07:37:16	Hg
460-233190-a-3 - 1		10570	3.324	4050321HG1	7471A/B	03 May 2021 07:39:13	Hg
CCV - 1		16028	101.3% 5.064	7050321HG1	7471A/B	03 May 2021 07:41:11	Hg
CCB - 1		-17	-0.051	5050321HG1	7471A/B	03 May 2021 07:43:07	Hg
460-233191-a-1 - 1		14122	4.457	0050321HG1	7471A/B	03 May 2021 07:45:05	Hg
460-233191-a-2 - 1		12113	3.816	4050321HG1	7471A/B	03 May 2021 07:47:03	Hg
460-233191-a-3 - 1		8459	2.651	2050321HG1	7471A/B	03 May 2021 07:49:02	Hg
460-233192-a-1 - 1		4768	1.474	3050321HG1	7471A/B	03 May 2021 07:50:58	Hg
460-233192-a-2 - 1		4631	1.430	6050321HG1	7471A/B	03 May 2021 07:52:54	Hg
460-233192-a-3 - 1		2638	0.795	1050321HG1	7471A/B	03 May 2021 07:54:50	Hg
460-233192-a-4 - 1		18723	5.924	0050321HG1	7471A/B	03 May 2021 07:56:46	Hg
460-233192-a-5 - 1		1393	0.398	1050321HG1	7471A/B	03 May 2021 07:58:42	Hg
460-233107-a-7 - 1		4029	1.238	7050321HG1	7471A/B	03 May 2021 08:00:40	Hg
460-233107-a-13 - 1		315	0.054	4050321HG1	7471A/B	03 May 2021 08:02:36	Hg
CCV - 1		16188	102.3% 5.115	7050321HG1	7471A/B	03 May 2021 08:04:33	Hg
CCB - 1		-26	-0.054	3050321HG1	7471A/B	03 May 2021 08:06:29	Hg
460-233107-a-19 - 1		1824	0.535	6050321HG1	7471A/B	03 May 2021 08:08:27	Hg
460-233108-b-2 - 1		5297	1.643	0050321HG1	7471A/B	03 May 2021 08:10:24	Hg
460-233108-a-4 - 1		3078	0.935	4050321HG1	7471A/B	03 May 2021 08:12:22	Hg
460-233108-b-6 - 1		26817	8.504	9050321HG1	7471A/B	03 May 2021 08:14:20	Hg
460-233121-e-1 - 1		6814	2.126	7050321HG1	7471A/B	03 May 2021 08:16:18	Hg
mb 460-775408/1-a - 1		39	-0.033	6050321HG1	7471A/B	03 May 2021 08:18:16	Hg
lcssrm 460-775408/2-a@40 - 1		25373	8.044	5050321HG1	7471A/B	03 May 2021 08:20:13	Hg
460-233121-e-2-c - 1		-19	-0.052	1050321HG1	7471A/B	03 May 2021 08:22:09	Hg
460-233121-e-2-d du - 1		95	-0.015	8050321HG1	7471A/B	03 May 2021 08:24:07	Hg
460-233121-e-2-e ms - 1		3372	1.029	2050321HG1	7471A/B	03 May 2021 08:26:03	Hg
CCV - 1		15885	100.4% 5.019	1050321HG1	7471A/B	03 May 2021 08:28:00	Hg
CCB - 1		6	-0.044	1050321HG1	7471A/B	03 May 2021 08:29:56	Hg
SD 460-233121-e-2-c@5 - 1		164	0.006	2050321HG1	7471A/B	03 May 2021 08:31:54	Hg
460-233121-e-3-c - 1		849	0.224	7050321HG1	7471A/B	03 May 2021 08:33:51	Hg
460-233121-f-4-c - 1		5903	1.836	2050321HG1	7471A/B	03 May 2021 08:35:48	Hg
460-233121-e-5-c - 1		2413	0.723	4050321HG1	7471A/B	03 May 2021 08:37:45	Hg
460-233121-e-6-b - 1		296	0.048	3050321HG1	7471A/B	03 May 2021 08:39:42	Hg
460-233121-e-7-c - 1		698	0.176	5050321HG1	7471A/B	03 May 2021 08:41:40	Hg
460-233121-e-8-c - 1		43	-0.032	3050321HG1	7471A/B	03 May 2021 08:43:38	Hg
460-233121-e-9-c - 1		118	-0.008	4050321HG1	7471A/B	03 May 2021 08:45:34	Hg
460-233141-e-1-d - 1		3212	0.978	1050321HG1	7471A/B	03 May 2021 08:47:31	Hg
460-233141-e-2-d - 1		1252	0.353	2050321HG1	7471A/B	03 May 2021 08:49:27	Hg
CCV - 1		16015	101.2% 5.060	6050321HG1	7471A/B	03 May 2021 08:51:24	Hg
CCB - 1		-7	-0.048	3050321HG1	7471A/B	03 May 2021 08:53:20	Hg
460-233141-e-3-d - 1		11288	3.553	3050321HG1	7471A/B	03 May 2021 08:55:19	Hg
460-233141-e-4-d - 1		7437	2.325	3050321HG1	7471A/B	03 May 2021 08:57:15	Hg
460-233197-a-1-b - 1		2724	0.822	5050321HG1	7471A/B	03 May 2021 08:59:12	Hg
460-233197-a-2-b - 1		222522	HIGH	050321HG1	7471A/B	03 May 2021 09:01:09	Hg
460-233197-a-3-b - 1		34146	10.841	9050321HG1	7471A/B	03 May 2021 09:02:42	Hg
460-233197-a-5-b - 1		680	0.170	8050321HG1	7471A/B	03 May 2021 09:04:47	Hg
460-233197-a-6-b - 1		25153	7.974	3050321HG1	7471A/B	03 May 2021 09:06:46	Hg
460-233197-a-7-b - 1		41393	13.152	7050321HG1	7471A/B	03 May 2021 09:08:44	Hg
460-233197-a-8-b - 1		6318	1.968	5050321HG1	7471A/B	03 May 2021 09:10:44	Hg
460-233197-a-9-b - 1		42846	13.616	0050321HG1	7471A/B	03 May 2021 09:12:44	Hg
CCV - 1		15851	100.2% 5.008	3050321HG1	7471A/B	03 May 2021 09:14:40	Hg
CCB - 1		6	-0.044	1050321HG1	7471A/B	03 May 2021 09:16:39	Hg
mb 460-775409/1-a - 1		64	-0.025	6050321HG1	7471A/B	03 May 2021 09:18:37	Hg
lcssrm 460-775409/2-a@40 - 1		25454	8.070	3050321HG1	7471A/B	03 May 2021 09:20:34	Hg
460-233197-a-4-d - 1		2206	0.657	4050321HG1	7471A/B	03 May 2021 09:22:31	Hg
460-233197-a-4-e du - 1		2255	0.673	0050321HG1	7471A/B	03 May 2021 09:24:30	Hg
460-233197-a-4-f ms - 1		4789	1.481	0050321HG1	7471A/B	03 May 2021 09:26:26	Hg
460-233197-a-4-g msd - 1		4944	1.530	4050321HG1	7471A/B	03 May 2021 09:28:23	Hg
SD 460-233197-a-4-d@5 - 1		638	0.157	4050321HG1	7471A/B	03 May 2021 09:30:20	Hg
460-233197-a-11-b - 1		32335	10.264	4050321HG1	7471A/B	03 May 2021 09:32:16	Hg
460-233197-a-12-b - 1		1030	0.282	4050321HG1	7471A/B	03 May 2021 09:34:14	Hg
460-233197-a-13-b - 1		39151	12.437	8050321HG1	7471A/B	03 May 2021 09:36:14	Hg
CCV - 1		15629	98.7% 4.937	5050321HG1	7471A/B	03 May 2021 09:38:11	Hg
CCB - 1		-35	-0.057	2050321HG1	7471A/B	03 May 2021 09:40:10	Hg
460-233197-a-14-b - 1		3510	1.073	2050321HG1	7471A/B	03 May 2021 09:42:08	Hg
460-233197-a-15-b - 1		3443	1.051	8050321HG1	7471A/B	03 May 2021 09:44:05	Hg

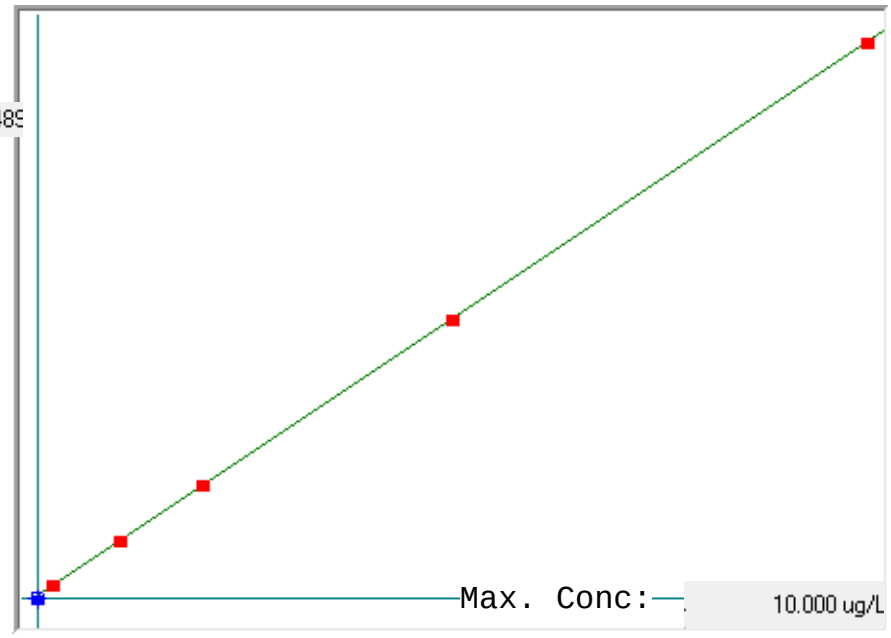
050321TSS

Method: 7471A/B Operator: Admin Date of Analysis: 03 May 2021 05:47:55

Sample ID	Extended ID	µ Abs.	Conc.	Chapter	Method	Date	Element
460-233203-f-7-c - 1		3582	1.0961	050321HG1	7471A/B	03 May 2021 09:46:02	Hg
460-233203-e-13-d - 1		2827	0.8554	050321HG1	7471A/B	03 May 2021 09:47:59	Hg
460-233203-c-19-e - 1		6086	1.8946	050321HG1	7471A/B	03 May 2021 09:49:56	Hg
460-233233-b-1-a - 1		5985	1.8624	050321HG1	7471A/B	03 May 2021 09:51:53	Hg
460-233366-b-1-e - 1		1944	0.5738	050321HG1	7471A/B	03 May 2021 09:53:50	Hg
460-233368-b-1-b - 1		10766	3.3868	050321HG1	7471A/B	03 May 2021 09:55:47	Hg
460-233314-d-1-a - 1		18676	5.9091	050321HG1	7471A/B	03 May 2021 09:57:44	Hg
460-233314-d-2-a - 1		11183	3.5198	050321HG1	7471A/B	03 May 2021 09:59:42	Hg
CCV - 1		15864	100.2% 5.0124	050321HG1	7471A/B	03 May 2021 10:01:41	Hg
CCB - 1		-76	-0.0703	050321HG1	7471A/B	03 May 2021 10:03:38	Hg
460-233314-c-3-a - 1		21732	6.8835	050321HG1	7471A/B	03 May 2021 10:05:36	Hg
460-232813-d-1-d - 1		2476	0.7435	050321HG1	7471A/B	03 May 2021 10:07:34	Hg
460-232813-e-2-b - 1		1043	0.2865	050321HG1	7471A/B	03 May 2021 10:09:34	Hg
460-232813-d-6-b - 1		1950	0.5757	050321HG1	7471A/B	03 May 2021 10:11:31	Hg
460-232813-d-8-b - 1		1295	0.3669	050321HG1	7471A/B	03 May 2021 10:13:28	Hg
460-232813-d-9-b - 1		1938	0.5719	050321HG1	7471A/B	03 May 2021 10:15:25	Hg
460-233197-a-2-b@20 - 1		40422	12.8431	050321HG1	7471A/B	03 May 2021 10:17:22	Hg
460-233197-a-3-b@3 - 1		0	-0.0460	050321HG1	7471A/B	03 May 2021 10:19:19	Hg
460-233197-a-5-b - 1		806	0.2110	050321HG1	7471A/B	03 May 2021 10:20:23	Hg
460-233197-a-7-b@3 - 1		17624	5.5736	050321HG1	7471A/B	03 May 2021 10:22:20	Hg
CCV - 1		15380	97.2% 4.8581	050321HG1	7471A/B	03 May 2021 10:24:17	Hg
CCB - 1		-36	-0.0575	050321HG1	7471A/B	03 May 2021 10:26:14	Hg
460-233197-a-8-b - 1		6544	2.0406	050321HG1	7471A/B	03 May 2021 10:28:13	Hg
460-233197-a-9-b@3 - 1		18973	6.0038	050321HG1	7471A/B	03 May 2021 10:30:10	Hg
460-233197-a-11-b@3 - 1		13171	4.1537	050321HG1	7471A/B	03 May 2021 10:32:07	Hg
460-233197-a-12-b - 1		1087	0.3006	050321HG1	7471A/B	03 May 2021 10:34:06	Hg
460-233197-a-13-b@3 - 1		16358	5.1699	050321HG1	7471A/B	03 May 2021 10:36:04	Hg
460-233197-a-2-b@60 - 1		9349	2.9350	050321HG1	7471A/B	03 May 2021 10:38:01	Hg
460-233197-a-3-b@3 - 1		13804	4.3556	050321HG1	7471A/B	03 May 2021 10:39:58	Hg
CCV - 1		15885	100.4% 5.0191	050321HG1	7471A/B	03 May 2021 10:41:56	Hg
CCB - 1		15	-0.0413	050321HG1	7471A/B	03 May 2021 10:43:52	Hg

7471A/B

Linear



A= 0.0000e+000

B= 3.1886e-004

C= -4.6044e-002

Rho= 0.9999875

Accept= Accepted

Accepted Date=

05/03/21 07:13

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
Cal Blk	0.000	-0.034	-0.034	38	0.000	38				
0.2 ug/L	0.200	0.204	0.004	784	0.0 %	784				
1.0 ug/L	1.000	1.024	0.024	3355	0.0 %	3355				
2.0 ug/L	2.000	2.010	0.010	6449	0.0 %	6449				
5.0 ug/L	5.000	5.001	0.001	15829	0.0 %	15829				
10.0 ug/L	10.000	9.995	-0.005	31489	0.0 %	31489				

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Batch Number: 775602 Batch Start Date: 05/04/21 04:15 Batch Analyst: Collins, Garrett M

Batch Method: 3050B Batch End Date: 05/04/21 09:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCSS_108 00003			
MB 460-775602/1		3050B, 6020B		1.00 g	100 mL				
LCSSRM 460-775602/2		3050B, 6020B		1.00 g	100 mL	1 g			
460-233141-E-1	SB-03_0-2_20210428	3050B, 6020B	T	1.05 g	100 mL				
460-233141-E-2	SB-03_7-9_20210428	3050B, 6020B	T	1.06 g	100 mL				
460-233141-E-3	SB-04_0-2_20210428	3050B, 6020B	T	1.07 g	100 mL				
460-233141-E-4	SB-04_4-6_20210428	3050B, 6020B	T	1.06 g	100 mL				

Batch Notes	
Balance ID	#35
Temperature - Corrected - End	95 Corr Degrees C
Temperature - Corrected - Start	95 Corr Degrees C
Digestion End Time	05/04/2021 06:15
Digestion Start Time	05/04/2021 04:15
Digestion Unit ID	#8
Digestion Tube/Cup ID	J373436-4757 (SCP 50mL.tube)
Filter ID	09-790F
Hydrogen Peroxide ID	0000192350
Hydrochloric Acid ID	0000198300
Nitric Acid ID	0000200458
Pipette/Syringe/Dispenser ID	#22
Analyst ID - Spike Analyst	GC
Thermometer ID	Metals-4
Temperature - Uncorrected - End	98 Uncorr Degrees C
Temperature - Uncorrected - Start	98 Uncorr Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Batch Number: 775408 Batch Start Date: 05/03/21 03:55 Batch Analyst: Staib, Thomas

Batch Method: 7471B Batch End Date: 05/03/21 06:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCSS_108 00003			
MB 460-775408/1		7471B, 7471B		0.60 g	50 mL				
LCSSRM 460-775408/2		7471B, 7471B		0.60 g	50 mL	0.6 g			
460-233141-E-1	SB-03_0-2_20210428	7471B, 7471B	T	0.60 g	50 mL				
460-233141-E-2	SB-03_7-9_20210428	7471B, 7471B	T	0.64 g	50 mL				
460-233141-E-3	SB-04_0-2_20210428	7471B, 7471B	T	0.62 g	50 mL				
460-233141-E-4	SB-04_4-6_20210428	7471B, 7471B	T	0.66 g	50 mL				

Batch Notes	
Balance ID	#33
Batch Comment	ME_10%HCL_00148
Temperature - Corrected - End	95 Corr Degrees C
Temperature - Corrected - Start	96 Corr Degrees C
Digestion End Time	05/03/2021 05:15
Digestion Start Time	05/03/2022 04:45
Digestion Unit ID	#12
Hydrochloric Acid ID	0000275677
Nitric Acid ID	0000261535
Hydroxylamine ID	ME_NACLHYDLHCL_00182
Potassium Permanganate ID	ME_POtPermSol_00186
Pipette/Syringe/Dispenser ID	#102
Analyst ID - Spike Analyst	TS
Thermometer ID	HG-2
Digestion Tube/Cup ID	J373436-4757 (50ML Digi Tubes)
Temperature - Uncorrected - End	98 UNcorr Degrees C
Temperature - Uncorrected - Start	98 Uncorr Degrees C

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Batch Number: 775408 Batch Start Date: 05/03/21 03:55 Batch Analyst: Staib, Thomas

Batch Method: 7471B Batch End Date: 05/03/21 06:45

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233141-1

SDG No.:

Project: Brookfield Commons - 159 South Lexington

Client Sample ID	Lab Sample ID
SB-03_0-2_20210428	460-233141-1
SB-03_7-9_20210428	460-233141-2
SB-04_0-2_20210428	460-233141-3
SB-04_4-6_20210428	460-233141-4

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233141-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-233141-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/29/2021 13:30 End Date: 04/29/2021 13:30

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			13:30																					
ZZZZZZ			13:30																					
ZZZZZZ			13:30																					
ZZZZZZ			13:30																					
ZZZZZZ			13:30																					
ZZZZZZ			13:30																					
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ZZZZZZ			13:30																					
ZZZZZZ			13:30																					
460-233141-1	1	T	13:30	X	X																			
460-233141-2	1	T	13:30	X	X																			
460-233141-3	1	T	13:30	X	X																			
460-233141-4	1	T	13:30	X	X																			
ZZZZZZ			13:30																					
ZZZZZZ			13:30																					
ZZZZZZ			13:30																					

Prep Types

T = Total/NA

General Chemistry Raw Data Report

Job ID: 460-233141-1

Batch: 774795 **Analyst Initials: MMC**

Method: Moisture **Instrument: No Equipment**

Lab Sample ID: 460-233141-E-1 **Analysis Date: Apr 29, 2021 13:30**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	13.3228840125392	%
Percent Solids	None	1	86.6771159874608	%

Lab Sample ID: 460-233141-E-2 **Analysis Date: Apr 29, 2021 13:30**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	24.5469522240527	%
Percent Solids	None	1	75.4530477759473	%

Lab Sample ID: 460-233141-E-3 **Analysis Date: Apr 29, 2021 13:30**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	22.8148148148148	%
Percent Solids	None	1	77.1851851851852	%

Lab Sample ID: 460-233141-E-4 **Analysis Date: Apr 29, 2021 13:30**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	19.2439862542955	%
Percent Solids	None	1	80.7560137457045	%

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233141-1

SDG No.:

Batch Number: 774795 Batch Start Date: 04/29/21 13:30 Batch Analyst: Crocco, Michael

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-233141-E-1	SB-03_0-2_20210428	Moisture	T	344	1.25 g	7.63 g	6.78 g		
460-233141-E-2	SB-03_7-9_20210428	Moisture	T	345	1.26 g	7.33 g	5.84 g		
460-233141-E-3	SB-04_0-2_20210428	Moisture	T	346	1.25 g	8.00 g	6.46 g		
460-233141-E-4	SB-04_4-6_20210428	Moisture	T	347	1.26 g	7.08 g	5.96 g		

Batch Notes	
Balance ID	106
Batch Comment	regular oven
Date and Time Samples in Desiccator	04/30/2021 05:31
Date and Time Samples out of Desiccator	04/30/2021 07:55
Date samples were placed in the oven	04/29/2021
Oven Temp In	105 Degrees C
Time samples were place in the oven	13:46
Date samples were removed from oven	04/30/2021
Oven Temp Out	105 Degrees C
Time Samples were removed from oven	05:31
Oven ID	2
Thermometer ID	226136
Temperature - Start - Uncorrected	105 Degrees C
Temperature - End - Uncorrected	105 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

EDISON

Chain of Custody Record 452376

eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: Colleen Griffiths	Site Contact: G. Baird	Date: 4/28/21	COC No:
Company Name: AKRF, Inc	Tel/Email: 914-922-2362	Lab Contact: M. Hayes	Carrier:	1 of 1 COCs
Address: 34 South Broadway	Analysis Turnaround Time			Sampler:
City/State/Zip: White Plains, NY	☐ CALENDAR DAYS ☑ WORKING DAYS			For Lab Use Only:
Phone: 914-922-2362	TAT if different from Below			Walk-in Client:
Fax:	☐ 2 weeks ☑ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: Bakerbell Commons Phase IV				Job / SDG No.: 233141
Site: 159 S Lexington Ave, White Plains				
P O # 210122				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL + 375 VOC's	8260 SVOC's	TAL Metals	PCB's 8082	Sample Specific Notes:
SB-03_0-2_20210428	4/28/21	0840	C	S	5	N	X	X	X	X	X	1
SB-03_7-9_20210428		0850										2
SB-04_0-2_20210428		0926										3
SB-04_4-6_20210428		0929										4

460-233141 Chain of Custody

SHORT HOLD

ELMSFORD 272

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: CATB / EQuIS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by:	AKRF, Inc	4/28/21	Received by:	ETA	4/28/21 14:00
Relinquished by:	ETA	4/28/21 17:00	Received by:		4/28/21 1800
Relinquished by:		4/28/21 1800	Received in Laboratory by:	ETA	4/28/21 1802

2017 SR11

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05/05/2021

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 233141

Number of Coolers: 1 IR Gun # 11

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	20 °C	14 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ **Date:** 4/28/21

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-233141-1

Login Number: 233141
List Number: 1
Creator: DiGuardia, Joseph L

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 460-233064-1

Job Description: Brookfield Commons - 159 South Lexington

For:
AKRF Inc
34 South Broadway
Suite 314
White Plains, NY 10601

Attention: Mr. Greg Baird

Approved for release.
Allison L Bennett
Project Manager I
4/30/2021 2:25 PM

Designee for
Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@Eurofinset.com
04/30/2021

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Job Number: 460-233064-1

Job Description: Brookfield Commons - 159 South Lexington

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Allison L Bennett
Project Manager I
4/30/2021 2:25 PM

Designee for
Melissa Haas

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8270E_SIM_MS_ID CCAL Data 633

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CASE NARRATIVE

Client: AKRF Inc

Project: Brookfield Commons - 159 South Lexington

Report Number: 460-233064-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 4/27/2021 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.0º C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. No container total recorded on the COC for sample #3.

Per laboratory policy the TB sample date/time was added to reflect the latest sample date/time of the sampling event.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples TW-01_20210427 (460-233064-1), TW-05_20210427 (460-233064-2) and RI-TB-GW (460-233064-3) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 04/30/2021.

The continuing calibration verification (CCV) analyzed in batch 460-774947 was outside the method criteria for the following analyte: Chloromethane. The minimum response factor (RF) for Bromomethane was outside required limits. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples TW-01_20210427 (460-233064-1) and TW-05_20210427 (460-233064-2) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E. The samples were prepared and analyzed on 04/29/2021.

The continuing calibration verification (CCV) associated with batch 460-774880 recovered above the upper control limit for Di-n-octyl phthalate. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS - SELECTED ION MODE (SIM) - ISOTOPE DILUTION - 1,4 DIOXANE

Samples TW-01_20210427 (460-233064-1) and TW-05_20210427 (460-233064-2) were analyzed for semivolatile organic compounds - Selected Ion Mode (SIM) - Isotope Dilution - 1,4 Dioxane in accordance with EPA SW-846 Method 8270E SIM 1,4Dioxane. The samples were prepared on 04/29/2021 and analyzed on 04/30/2021.

No difficulties were encountered during the 1,4 Dioxane analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: AKRF Inc
Job ID: 460-233064-1
Project/Site: Brookfield Commons - 159 South Lexington

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-233064-1	TW-01_20210427	Water	04/27/21 12:20	04/27/21 19:00	
460-233064-2	TW-05_20210427	Water	04/27/21 11:33	04/27/21 19:00	
460-233064-3	RI-TB-GW	Water	04/27/21 12:20	04/27/21 19:00	

Detection Summary

Client: AKRF Inc
Job ID: 460-233064-1
Project/Site: Brookfield Commons - 159 South Lexington

Client Sample ID: TW-01_20210427
Lab Sample ID: 460-233064-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.4		1.0	0.22	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	1.3		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	30		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	2.0		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: TW-05_20210427
Lab Sample ID: 460-233064-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.42	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.0		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: RI-TB-GW
Lab Sample ID: 460-233064-3

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-233064-1
Project/Site: Brookfield Commons - 159 South Lexington

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	TAL EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: TW-01_20210427
Lab Sample ID: 460-233064-1

Date Collected: 04/27/21 12:20
Matrix: Water

Date Received: 04/27/21 19:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			04/30/21 09:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			04/30/21 09:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			04/30/21 09:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			04/30/21 09:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			04/30/21 09:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			04/30/21 09:12	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			04/30/21 09:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			04/30/21 09:12	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 09:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/30/21 09:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			04/30/21 09:12	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/30/21 09:12	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/30/21 09:12	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			04/30/21 09:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			04/30/21 09:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			04/30/21 09:12	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			04/30/21 09:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			04/30/21 09:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			04/30/21 09:12	1
Acetone	5.0	U	5.0	4.4	ug/L			04/30/21 09:12	1
Benzene	1.0	U	1.0	0.20	ug/L			04/30/21 09:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			04/30/21 09:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			04/30/21 09:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			04/30/21 09:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			04/30/21 09:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			04/30/21 09:12	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			04/30/21 09:12	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			04/30/21 09:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			04/30/21 09:12	1
Chloroform	1.0	U	1.0	0.33	ug/L			04/30/21 09:12	1
Chloromethane	1.0	U	1.0	0.40	ug/L			04/30/21 09:12	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.22	ug/L			04/30/21 09:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 09:12	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			04/30/21 09:12	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			04/30/21 09:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/30/21 09:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			04/30/21 09:12	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			04/30/21 09:12	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 09:12	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			04/30/21 09:12	1
Methyl tert-butyl ether	**1.3**		1.0	0.22	ug/L			04/30/21 09:12	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			04/30/21 09:12	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			04/30/21 09:12	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			04/30/21 09:12	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 09:12	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 09:12	1
o-Xylene	1.0	U	1.0	0.36	ug/L			04/30/21 09:12	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 09:12	1
Styrene	1.0	U	1.0	0.42	ug/L			04/30/21 09:12	1

Client Sample ID: TW-01_20210427
Lab Sample ID: 460-233064-1

Date Collected: 04/27/21 12:20
Matrix: Water

Date Received: 04/27/21 19:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 09:12	1
Tetrachloroethene	**30**		1.0	0.25	ug/L			04/30/21 09:12	1
Toluene	1.0	U	1.0	0.38	ug/L			04/30/21 09:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			04/30/21 09:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 09:12	1
Trichloroethene	**2.0**		1.0	0.31	ug/L			04/30/21 09:12	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			04/30/21 09:12	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			04/30/21 09:12	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			04/30/21 09:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 123*		*04/30/21 09:12*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*04/30/21 09:12*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 124*		*04/30/21 09:12*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*04/30/21 09:12*	*1*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.016	ug/L		04/29/21 09:51	04/30/21 11:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 150*	*04/29/21 09:51*	*04/30/21 11:56*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	2.0	U	2.0	0.64	ug/L		04/29/21 09:43	04/29/21 22:47	1
1,2-Dichlorobenzene	10	U	10	0.50	ug/L		04/29/21 09:43	04/29/21 22:47	1
1,3-Dichlorobenzene	10	U	10	2.0	ug/L		04/29/21 09:43	04/29/21 22:47	1
1,4-Dichlorobenzene	10	U	10	0.44	ug/L		04/29/21 09:43	04/29/21 22:47	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		04/29/21 09:43	04/29/21 22:47	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		04/29/21 09:43	04/29/21 22:47	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		04/29/21 09:43	04/29/21 22:47	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		04/29/21 09:43	04/29/21 22:47	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		04/29/21 09:43	04/29/21 22:47	1
2-Nitroaniline	10	U	10	0.47	ug/L		04/29/21 09:43	04/29/21 22:47	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		04/29/21 09:43	04/29/21 22:47	1
3-Nitroaniline	10	U	10	1.9	ug/L		04/29/21 09:43	04/29/21 22:47	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		04/29/21 09:43	04/29/21 22:47	1
4-Chloroaniline	10	U	10	1.9	ug/L		04/29/21 09:43	04/29/21 22:47	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		04/29/21 09:43	04/29/21 22:47	1
4-Nitroaniline	10	U	10	1.2	ug/L		04/29/21 09:43	04/29/21 22:47	1
Acenaphthene	10	U	10	1.1	ug/L		04/29/21 09:43	04/29/21 22:47	1
Acenaphthylene	10	U	10	0.82	ug/L		04/29/21 09:43	04/29/21 22:47	1
Anthracene	10	U	10	1.3	ug/L		04/29/21 09:43	04/29/21 22:47	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		04/29/21 09:43	04/29/21 22:47	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		04/29/21 09:43	04/29/21 22:47	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		04/29/21 09:43	04/29/21 22:47	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		04/29/21 09:43	04/29/21 22:47	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		04/29/21 09:43	04/29/21 22:47	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		04/29/21 09:43	04/29/21 22:47	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		04/29/21 09:43	04/29/21 22:47	1

Client Sample ID: TW-01_20210427
Lab Sample ID: 460-233064-1
Date Collected: 04/27/21 12:20
Matrix: Water
Date Received: 04/27/21 19:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		04/29/21 09:43	04/29/21 22:47	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		04/29/21 09:43	04/29/21 22:47	1
Carbazole	10	U	10	0.68	ug/L		04/29/21 09:43	04/29/21 22:47	1
Chrysene	2.0	U	2.0	0.91	ug/L		04/29/21 09:43	04/29/21 22:47	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		04/29/21 09:43	04/29/21 22:47	1
Dibenzofuran	10	U	10	1.1	ug/L		04/29/21 09:43	04/29/21 22:47	1
Diethyl phthalate	10	U	10	0.98	ug/L		04/29/21 09:43	04/29/21 22:47	1
Dimethyl phthalate	10	U	10	0.77	ug/L		04/29/21 09:43	04/29/21 22:47	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		04/29/21 09:43	04/29/21 22:47	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		04/29/21 09:43	04/29/21 22:47	1
Fluoranthene	10	U	10	0.84	ug/L		04/29/21 09:43	04/29/21 22:47	1
Fluorene	10	U	10	0.91	ug/L		04/29/21 09:43	04/29/21 22:47	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		04/29/21 09:43	04/29/21 22:47	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		04/29/21 09:43	04/29/21 22:47	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		04/29/21 09:43	04/29/21 22:47	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		04/29/21 09:43	04/29/21 22:47	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		04/29/21 09:43	04/29/21 22:47	1
Isophorone	10	U	10	0.80	ug/L		04/29/21 09:43	04/29/21 22:47	1
Naphthalene	2.0	U	2.0	0.54	ug/L		04/29/21 09:43	04/29/21 22:47	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		04/29/21 09:43	04/29/21 22:47	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		04/29/21 09:43	04/29/21 22:47	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		04/29/21 09:43	04/29/21 22:47	1
Phenanthrene	10	U	10	1.3	ug/L		04/29/21 09:43	04/29/21 22:47	1
Pyrene	10	U	10	1.6	ug/L		04/29/21 09:43	04/29/21 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*42 - 127*	*04/29/21 09:43*	*04/29/21 22:47*	*1*
Nitrobenzene-d5 (Surr)	*87*		*46 - 137*	*04/29/21 09:43*	*04/29/21 22:47*	*1*
Terphenyl-d14 (Surr)	*79*		*39 - 150*	*04/29/21 09:43*	*04/29/21 22:47*	*1*

Client Sample ID: TW-05_20210427
Lab Sample ID: 460-233064-2
Date Collected: 04/27/21 11:33
Matrix: Water
Date Received: 04/27/21 19:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			04/30/21 09:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			04/30/21 09:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			04/30/21 09:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			04/30/21 09:37	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			04/30/21 09:37	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			04/30/21 09:37	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			04/30/21 09:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			04/30/21 09:37	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 09:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/30/21 09:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			04/30/21 09:37	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/30/21 09:37	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/30/21 09:37	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			04/30/21 09:37	1

Client Sample ID: TW-05_20210427
Lab Sample ID: 460-233064-2

Date Collected: 04/27/21 11:33
Matrix: Water

Date Received: 04/27/21 19:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			04/30/21 09:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			04/30/21 09:37	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			04/30/21 09:37	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			04/30/21 09:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			04/30/21 09:37	1
Acetone	5.0	U	5.0	4.4	ug/L			04/30/21 09:37	1
Benzene	1.0	U	1.0	0.20	ug/L			04/30/21 09:37	1
Bromoform	1.0	U	1.0	0.54	ug/L			04/30/21 09:37	1
Bromomethane	1.0	U	1.0	0.55	ug/L			04/30/21 09:37	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			04/30/21 09:37	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			04/30/21 09:37	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			04/30/21 09:37	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			04/30/21 09:37	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			04/30/21 09:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			04/30/21 09:37	1
Chloroform	1.0	U	1.0	0.33	ug/L			04/30/21 09:37	1
Chloromethane	1.0	U	1.0	0.40	ug/L			04/30/21 09:37	1
cis-1,2-Dichloroethene	**0.42**	**J**	1.0	0.22	ug/L			04/30/21 09:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 09:37	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			04/30/21 09:37	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			04/30/21 09:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/30/21 09:37	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			04/30/21 09:37	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			04/30/21 09:37	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 09:37	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			04/30/21 09:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			04/30/21 09:37	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			04/30/21 09:37	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			04/30/21 09:37	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			04/30/21 09:37	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 09:37	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 09:37	1
o-Xylene	1.0	U	1.0	0.36	ug/L			04/30/21 09:37	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 09:37	1
Styrene	1.0	U	1.0	0.42	ug/L			04/30/21 09:37	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 09:37	1
Tetrachloroethene	**2.0**		1.0	0.25	ug/L			04/30/21 09:37	1
Toluene	1.0	U	1.0	0.38	ug/L			04/30/21 09:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			04/30/21 09:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 09:37	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			04/30/21 09:37	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			04/30/21 09:37	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			04/30/21 09:37	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			04/30/21 09:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 123*		*04/30/21 09:37*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*04/30/21 09:37*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 124*		*04/30/21 09:37*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*04/30/21 09:37*	*1*

Client Sample ID: TW-05_20210427
Lab Sample ID: 460-233064-2

Date Collected: 04/27/21 11:33
Matrix: Water

Date Received: 04/27/21 19:00

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.016	ug/L		04/29/21 09:51	04/30/21 12:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 150*	*04/29/21 09:51*	*04/30/21 12:12*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	2.0	U	2.0	0.64	ug/L		04/29/21 09:43	04/29/21 23:09	1
1,2-Dichlorobenzene	10	U	10	0.50	ug/L		04/29/21 09:43	04/29/21 23:09	1
1,3-Dichlorobenzene	10	U	10	2.0	ug/L		04/29/21 09:43	04/29/21 23:09	1
1,4-Dichlorobenzene	10	U	10	0.44	ug/L		04/29/21 09:43	04/29/21 23:09	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		04/29/21 09:43	04/29/21 23:09	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		04/29/21 09:43	04/29/21 23:09	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		04/29/21 09:43	04/29/21 23:09	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		04/29/21 09:43	04/29/21 23:09	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		04/29/21 09:43	04/29/21 23:09	1
2-Nitroaniline	10	U	10	0.47	ug/L		04/29/21 09:43	04/29/21 23:09	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		04/29/21 09:43	04/29/21 23:09	1
3-Nitroaniline	10	U	10	1.9	ug/L		04/29/21 09:43	04/29/21 23:09	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		04/29/21 09:43	04/29/21 23:09	1
4-Chloroaniline	10	U	10	1.9	ug/L		04/29/21 09:43	04/29/21 23:09	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		04/29/21 09:43	04/29/21 23:09	1
4-Nitroaniline	10	U	10	1.2	ug/L		04/29/21 09:43	04/29/21 23:09	1
Acenaphthene	10	U	10	1.1	ug/L		04/29/21 09:43	04/29/21 23:09	1
Acenaphthylene	10	U	10	0.82	ug/L		04/29/21 09:43	04/29/21 23:09	1
Anthracene	10	U	10	1.3	ug/L		04/29/21 09:43	04/29/21 23:09	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		04/29/21 09:43	04/29/21 23:09	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		04/29/21 09:43	04/29/21 23:09	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		04/29/21 09:43	04/29/21 23:09	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		04/29/21 09:43	04/29/21 23:09	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		04/29/21 09:43	04/29/21 23:09	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		04/29/21 09:43	04/29/21 23:09	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		04/29/21 09:43	04/29/21 23:09	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		04/29/21 09:43	04/29/21 23:09	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		04/29/21 09:43	04/29/21 23:09	1
Carbazole	10	U	10	0.68	ug/L		04/29/21 09:43	04/29/21 23:09	1
Chrysene	2.0	U	2.0	0.91	ug/L		04/29/21 09:43	04/29/21 23:09	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		04/29/21 09:43	04/29/21 23:09	1
Dibenzofuran	10	U	10	1.1	ug/L		04/29/21 09:43	04/29/21 23:09	1
Diethyl phthalate	10	U	10	0.98	ug/L		04/29/21 09:43	04/29/21 23:09	1
Dimethyl phthalate	10	U	10	0.77	ug/L		04/29/21 09:43	04/29/21 23:09	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		04/29/21 09:43	04/29/21 23:09	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		04/29/21 09:43	04/29/21 23:09	1
Fluoranthene	10	U	10	0.84	ug/L		04/29/21 09:43	04/29/21 23:09	1
Fluorene	10	U	10	0.91	ug/L		04/29/21 09:43	04/29/21 23:09	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		04/29/21 09:43	04/29/21 23:09	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		04/29/21 09:43	04/29/21 23:09	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		04/29/21 09:43	04/29/21 23:09	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		04/29/21 09:43	04/29/21 23:09	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		04/29/21 09:43	04/29/21 23:09	1

Client Sample ID: TW-05_20210427
Lab Sample ID: 460-233064-2

Date Collected: 04/27/21 11:33
Matrix: Water
Date Received: 04/27/21 19:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	10	U	10	0.80	ug/L		04/29/21 09:43	04/29/21 23:09	1
Naphthalene	2.0	U	2.0	0.54	ug/L		04/29/21 09:43	04/29/21 23:09	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		04/29/21 09:43	04/29/21 23:09	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		04/29/21 09:43	04/29/21 23:09	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		04/29/21 09:43	04/29/21 23:09	1
Phenanthrene	10	U	10	1.3	ug/L		04/29/21 09:43	04/29/21 23:09	1
Pyrene	10	U	10	1.6	ug/L		04/29/21 09:43	04/29/21 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*42 - 127*	*04/29/21 09:43*	*04/29/21 23:09*	*1*
Nitrobenzene-d5 (Surr)	*96*		*46 - 137*	*04/29/21 09:43*	*04/29/21 23:09*	*1*
Terphenyl-d14 (Surr)	*75*		*39 - 150*	*04/29/21 09:43*	*04/29/21 23:09*	*1*

Client Sample ID: RI-TB-GW
Lab Sample ID: 460-233064-3

Date Collected: 04/27/21 12:20
Matrix: Water
Date Received: 04/27/21 19:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			04/30/21 08:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			04/30/21 08:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			04/30/21 08:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			04/30/21 08:47	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			04/30/21 08:47	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			04/30/21 08:47	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			04/30/21 08:47	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			04/30/21 08:47	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 08:47	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/30/21 08:47	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			04/30/21 08:47	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/30/21 08:47	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/30/21 08:47	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			04/30/21 08:47	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			04/30/21 08:47	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			04/30/21 08:47	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			04/30/21 08:47	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			04/30/21 08:47	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			04/30/21 08:47	1
Acetone	5.0	U	5.0	4.4	ug/L			04/30/21 08:47	1
Benzene	1.0	U	1.0	0.20	ug/L			04/30/21 08:47	1
Bromoform	1.0	U	1.0	0.54	ug/L			04/30/21 08:47	1
Bromomethane	1.0	U	1.0	0.55	ug/L			04/30/21 08:47	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			04/30/21 08:47	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			04/30/21 08:47	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			04/30/21 08:47	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			04/30/21 08:47	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			04/30/21 08:47	1
Chloroethane	1.0	U	1.0	0.32	ug/L			04/30/21 08:47	1
Chloroform	1.0	U	1.0	0.33	ug/L			04/30/21 08:47	1
Chloromethane	1.0	U	1.0	0.40	ug/L			04/30/21 08:47	1

Client Sample ID: RI-TB-GW
Date Collected: 04/27/21 12:20
Date Received: 04/27/21 19:00

Lab Sample ID: 460-233064-3
Matrix: Water

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			04/30/21 08:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 08:47	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			04/30/21 08:47	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			04/30/21 08:47	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/30/21 08:47	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			04/30/21 08:47	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			04/30/21 08:47	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 08:47	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			04/30/21 08:47	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			04/30/21 08:47	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			04/30/21 08:47	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			04/30/21 08:47	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			04/30/21 08:47	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 08:47	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 08:47	1
o-Xylene	1.0	U	1.0	0.36	ug/L			04/30/21 08:47	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 08:47	1
Styrene	1.0	U	1.0	0.42	ug/L			04/30/21 08:47	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 08:47	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			04/30/21 08:47	1
Toluene	1.0	U	1.0	0.38	ug/L			04/30/21 08:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			04/30/21 08:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 08:47	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			04/30/21 08:47	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			04/30/21 08:47	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			04/30/21 08:47	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			04/30/21 08:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 123*		*04/30/21 08:47*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*04/30/21 08:47*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 124*		*04/30/21 08:47*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*04/30/21 08:47*	*1*

Surrogate Summary

Client: AKRF Inc
Job ID: 460-233064-1
Project/Site: Brookfield Commons - 159 South Lexington

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-123)	(76-120)	(77-124)	(80-120)
460-233064-1	TW-01_20210427	101	106	102	106
460-233064-2	TW-05_20210427	103	105	103	105
460-233064-3	RI-TB-GW	102	104	103	105
LCS 460-774947/3	Lab Control Sample	101	102	101	102
LCSD 460-774947/4	Lab Control Sample Dup	99	102	102	103
MB 460-774947/8	Method Blank	101	105	102	105

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(42-127)	(46-137)	(39-150)
460-233064-1	TW-01_20210427	58	87	79
460-233064-2	TW-05_20210427	65	96	75
LCS 460-774756/2-A	Lab Control Sample	72	83	86
LCSD 460-774756/3-A	Lab Control Sample Dup	71	82	84
MB 460-774756/1-A	Method Blank	81	98	100

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Isotope Dilution Summary

Client: AKRF Inc
Job ID: 460-233064-1
Project/Site: Brookfield Commons - 159 South Lexington

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	DXE (10-150)							
460-233064-1	TW-01_20210427	41							
460-233064-2	TW-05_20210427	41							
MB 460-774757/1-A	Method Blank	54							

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	DXE (10-200)							
LCS 460-774757/2-A	Lab Control Sample	69							
LCSD 460-774757/3-A	Lab Control Sample Dup	63							

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-774947/8
Matrix: Water
Analysis Batch: 774947

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			04/30/21 08:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			04/30/21 08:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			04/30/21 08:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			04/30/21 08:22	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			04/30/21 08:22	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			04/30/21 08:22	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			04/30/21 08:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			04/30/21 08:22	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 08:22	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/30/21 08:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			04/30/21 08:22	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/30/21 08:22	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/30/21 08:22	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			04/30/21 08:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			04/30/21 08:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			04/30/21 08:22	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			04/30/21 08:22	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			04/30/21 08:22	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			04/30/21 08:22	1
Acetone	5.0	U	5.0	4.4	ug/L			04/30/21 08:22	1
Benzene	1.0	U	1.0	0.20	ug/L			04/30/21 08:22	1
Bromoform	1.0	U	1.0	0.54	ug/L			04/30/21 08:22	1
Bromomethane	1.0	U	1.0	0.55	ug/L			04/30/21 08:22	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			04/30/21 08:22	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			04/30/21 08:22	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			04/30/21 08:22	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			04/30/21 08:22	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			04/30/21 08:22	1
Chloroethane	1.0	U	1.0	0.32	ug/L			04/30/21 08:22	1
Chloroform	1.0	U	1.0	0.33	ug/L			04/30/21 08:22	1
Chloromethane	1.0	U	1.0	0.40	ug/L			04/30/21 08:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			04/30/21 08:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 08:22	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			04/30/21 08:22	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			04/30/21 08:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/30/21 08:22	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			04/30/21 08:22	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			04/30/21 08:22	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 08:22	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			04/30/21 08:22	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			04/30/21 08:22	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			04/30/21 08:22	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			04/30/21 08:22	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			04/30/21 08:22	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 08:22	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 08:22	1
o-Xylene	1.0	U	1.0	0.36	ug/L			04/30/21 08:22	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 08:22	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-774947/8
Matrix: Water
Analysis Batch: 774947

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			04/30/21 08:22	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 08:22	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			04/30/21 08:22	1
Toluene	1.0	U	1.0	0.38	ug/L			04/30/21 08:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			04/30/21 08:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 08:22	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			04/30/21 08:22	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			04/30/21 08:22	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			04/30/21 08:22	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			04/30/21 08:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 123*		*04/30/21 08:22*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*04/30/21 08:22*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 124*		*04/30/21 08:22*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*04/30/21 08:22*	*1*

Lab Sample ID: LCS 460-774947/3
Matrix: Water
Analysis Batch: 774947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	18.9		ug/L		94	68 - 128
1,1,2,2-Tetrachloroethane	20.0	20.5		ug/L		102	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.1		ug/L		106	59 - 142
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	74 - 125
1,1-Dichloroethane	20.0	19.7		ug/L		98	73 - 130
1,1-Dichloroethene	20.0	19.4		ug/L		97	68 - 133
1,2,3-Trichlorobenzene	20.0	21.4		ug/L		107	53 - 144
1,2,4-Trichlorobenzene	20.0	20.7		ug/L		104	64 - 132
1,2,4-Trimethylbenzene	20.0	19.2		ug/L		96	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	19.1		ug/L		96	41 - 143
1,2-Dichlorobenzene	20.0	20.1		ug/L		100	79 - 122
1,2-Dichloroethane	20.0	19.2		ug/L		96	75 - 121
1,2-Dichloropropane	20.0	19.9		ug/L		100	76 - 126
1,3,5-Trimethylbenzene	20.0	19.3		ug/L		96	75 - 125
1,3-Dichlorobenzene	20.0	19.9		ug/L		99	80 - 121
1,4-Dichlorobenzene	20.0	19.3		ug/L		96	80 - 118
2-Butanone (MEK)	100	91.8		ug/L		92	69 - 128
2-Hexanone	100	98.5		ug/L		98	74 - 127
4-Methyl-2-pentanone (MIBK)	100	101		ug/L		101	69 - 128
Acetone	100	75.0		ug/L		75	61 - 134
Benzene	20.0	19.7		ug/L		98	78 - 126
Bromoform	20.0	18.3		ug/L		91	38 - 144
Bromomethane	20.0	12.2		ug/L		61	43 - 150
Carbon disulfide	20.0	19.9		ug/L		100	64 - 138
Carbon tetrachloride	20.0	19.1		ug/L		96	56 - 131
Chlorobenzene	20.0	19.5		ug/L		97	80 - 119

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-774947/3
Matrix: Water
Analysis Batch: 774947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobromomethane	20.0	20.3		ug/L		102	73 - 126
Chlorodibromomethane	20.0	19.1		ug/L		96	58 - 130
Chloroethane	20.0	18.8		ug/L		94	50 - 150
Chloroform	20.0	19.0		ug/L		95	78 - 125
Chloromethane	20.0	14.6		ug/L		73	38 - 150
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	78 - 121
cis-1,3-Dichloropropene	20.0	20.0		ug/L		100	74 - 125
Cyclohexane	20.0	20.7		ug/L		104	67 - 133
Dichlorobromomethane	20.0	19.0		ug/L		95	72 - 121
Dichlorodifluoromethane	20.0	19.7		ug/L		98	31 - 150
Ethylbenzene	20.0	19.6		ug/L		98	78 - 120
Ethylene Dibromide	20.0	19.7		ug/L		99	69 - 126
Isopropylbenzene	20.0	20.0		ug/L		100	79 - 125
Methyl acetate	40.0	39.0		ug/L		97	70 - 127
Methyl tert-butyl ether	20.0	19.9		ug/L		99	65 - 131
Methylcyclohexane	20.0	21.0		ug/L		105	60 - 139
Methylene Chloride	20.0	19.4		ug/L		97	74 - 127
m-Xylene & p-Xylene	20.0	19.6		ug/L		98	78 - 123
n-Butylbenzene	20.0	18.5		ug/L		92	69 - 135
N-Propylbenzene	20.0	19.8		ug/L		99	74 - 129
o-Xylene	20.0	19.6		ug/L		98	78 - 122
sec-Butylbenzene	20.0	19.5		ug/L		97	73 - 129
Styrene	20.0	20.2		ug/L		101	75 - 127
tert-Butylbenzene	20.0	19.5		ug/L		98	72 - 124
Tetrachloroethene	20.0	19.5		ug/L		98	70 - 127
Toluene	20.0	19.4		ug/L		97	78 - 119
trans-1,2-Dichloroethene	20.0	19.5		ug/L		97	74 - 126
trans-1,3-Dichloropropene	20.0	19.5		ug/L		97	66 - 127
Trichloroethene	20.0	19.0		ug/L		95	71 - 121
Trichlorofluoromethane	20.0	20.7		ug/L		103	61 - 140
Vinyl chloride	20.0	20.1		ug/L		100	61 - 144
Xylenes, Total	40.0	39.3		ug/L		98	78 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 123*
4-Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*101*		*77 - 124*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-774947/4
Matrix: Water
Analysis Batch: 774947

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	18.6		ug/L		93	68 - 128	1	30
1,1,2,2-Tetrachloroethane	20.0	19.6		ug/L		98	63 - 139	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.1		ug/L		100	59 - 142	5	30
1,1,2-Trichloroethane	20.0	19.7		ug/L		99	74 - 125	0	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-774947/4
Matrix: Water
Analysis Batch: 774947

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	20.0	19.4		ug/L		97	73 - 130	1	30
1,1-Dichloroethene	20.0	19.5		ug/L		98	68 - 133	1	30
1,2,3-Trichlorobenzene	20.0	20.6		ug/L		103	53 - 144	4	30
1,2,4-Trichlorobenzene	20.0	20.2		ug/L		101	64 - 132	3	30
1,2,4-Trimethylbenzene	20.0	18.6		ug/L		93	75 - 125	3	30
1,2-Dibromo-3-Chloropropane	20.0	17.9		ug/L		89	41 - 143	7	30
1,2-Dichlorobenzene	20.0	19.7		ug/L		99	79 - 122	2	30
1,2-Dichloroethane	20.0	19.1		ug/L		96	75 - 121	0	30
1,2-Dichloropropane	20.0	20.2		ug/L		101	76 - 126	1	30
1,3,5-Trimethylbenzene	20.0	18.4		ug/L		92	75 - 125	5	30
1,3-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 121	1	30
1,4-Dichlorobenzene	20.0	19.2		ug/L		96	80 - 118	1	30
2-Butanone (MEK)	100	89.7		ug/L		90	69 - 128	2	30
2-Hexanone	100	98.0		ug/L		98	74 - 127	1	30
4-Methyl-2-pentanone (MIBK)	100	101		ug/L		101	69 - 128	0	30
Acetone	100	74.6		ug/L		75	61 - 134	1	30
Benzene	20.0	19.5		ug/L		98	78 - 126	1	30
Bromoform	20.0	17.7		ug/L		88	38 - 144	3	30
Bromomethane	20.0	13.1		ug/L		65	43 - 150	7	30
Carbon disulfide	20.0	19.7		ug/L		99	64 - 138	1	30
Carbon tetrachloride	20.0	18.6		ug/L		93	56 - 131	3	30
Chlorobenzene	20.0	19.5		ug/L		97	80 - 119	0	30
Chlorobromomethane	20.0	20.0		ug/L		100	73 - 126	2	30
Chlorodibromomethane	20.0	18.7		ug/L		93	58 - 130	2	30
Chloroethane	20.0	18.5		ug/L		93	50 - 150	1	30
Chloroform	20.0	19.0		ug/L		95	78 - 125	0	30
Chloromethane	20.0	14.5		ug/L		72	38 - 150	1	30
cis-1,2-Dichloroethene	20.0	19.3		ug/L		97	78 - 121	1	30
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	74 - 125	1	30
Cyclohexane	20.0	20.1		ug/L		101	67 - 133	3	30
Dichlorobromomethane	20.0	19.1		ug/L		96	72 - 121	1	30
Dichlorodifluoromethane	20.0	18.9		ug/L		94	31 - 150	4	30
Ethylbenzene	20.0	19.4		ug/L		97	78 - 120	1	30
Ethylene Dibromide	20.0	19.1		ug/L		96	69 - 126	3	30
Isopropylbenzene	20.0	19.6		ug/L		98	79 - 125	2	30
Methyl acetate	40.0	37.8		ug/L		94	70 - 127	3	30
Methyl tert-butyl ether	20.0	19.6		ug/L		98	65 - 131	2	30
Methylcyclohexane	20.0	20.4		ug/L		102	60 - 139	3	30
Methylene Chloride	20.0	19.1		ug/L		96	74 - 127	2	30
m-Xylene & p-Xylene	20.0	19.2		ug/L		96	78 - 123	2	30
n-Butylbenzene	20.0	17.9		ug/L		90	69 - 135	3	30
N-Propylbenzene	20.0	19.4		ug/L		97	74 - 129	2	30
o-Xylene	20.0	19.5		ug/L		98	78 - 122	0	30
sec-Butylbenzene	20.0	19.2		ug/L		96	73 - 129	1	30
Styrene	20.0	19.9		ug/L		99	75 - 127	1	30
tert-Butylbenzene	20.0	19.2		ug/L		96	72 - 124	2	30
Tetrachloroethene	20.0	19.0		ug/L		95	70 - 127	3	30
Toluene	20.0	19.2		ug/L		96	78 - 119	1	30
trans-1,2-Dichloroethene	20.0	19.1		ug/L		95	74 - 126	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-774947/4
Matrix: Water
Analysis Batch: 774947

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	19.3		ug/L		96	66 - 127	1	30
Trichloroethene			20.0	19.4		ug/L		97	71 - 121	2	30
Trichlorofluoromethane			20.0	19.5		ug/L		97	61 - 140	6	30
Vinyl chloride			20.0	19.6		ug/L		98	61 - 144	3	30
Xylenes, Total			40.0	38.7		ug/L		97	78 - 122	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 123*
4-Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*102*		*77 - 124*
Toluene-d8 (Surr)	*103*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-774756/1-A
Matrix: Water
Analysis Batch: 774880

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774756

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	2.0	U	2.0	0.64	ug/L		04/29/21 09:42	04/29/21 19:14	1
1,2-Dichlorobenzene	10	U	10	0.50	ug/L		04/29/21 09:42	04/29/21 19:14	1
1,3-Dichlorobenzene	10	U	10	2.0	ug/L		04/29/21 09:42	04/29/21 19:14	1
1,4-Dichlorobenzene	10	U	10	0.44	ug/L		04/29/21 09:42	04/29/21 19:14	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		04/29/21 09:42	04/29/21 19:14	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		04/29/21 09:42	04/29/21 19:14	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		04/29/21 09:42	04/29/21 19:14	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		04/29/21 09:42	04/29/21 19:14	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		04/29/21 09:42	04/29/21 19:14	1
2-Nitroaniline	10	U	10	0.47	ug/L		04/29/21 09:42	04/29/21 19:14	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		04/29/21 09:42	04/29/21 19:14	1
3-Nitroaniline	10	U	10	1.9	ug/L		04/29/21 09:42	04/29/21 19:14	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		04/29/21 09:42	04/29/21 19:14	1
4-Chloroaniline	10	U	10	1.9	ug/L		04/29/21 09:42	04/29/21 19:14	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		04/29/21 09:42	04/29/21 19:14	1
4-Nitroaniline	10	U	10	1.2	ug/L		04/29/21 09:42	04/29/21 19:14	1
Acenaphthene	10	U	10	1.1	ug/L		04/29/21 09:42	04/29/21 19:14	1
Acenaphthylene	10	U	10	0.82	ug/L		04/29/21 09:42	04/29/21 19:14	1
Anthracene	10	U	10	1.3	ug/L		04/29/21 09:42	04/29/21 19:14	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		04/29/21 09:42	04/29/21 19:14	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		04/29/21 09:42	04/29/21 19:14	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		04/29/21 09:42	04/29/21 19:14	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		04/29/21 09:42	04/29/21 19:14	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		04/29/21 09:42	04/29/21 19:14	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		04/29/21 09:42	04/29/21 19:14	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		04/29/21 09:42	04/29/21 19:14	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		04/29/21 09:42	04/29/21 19:14	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		04/29/21 09:42	04/29/21 19:14	1
Carbazole	10	U	10	0.68	ug/L		04/29/21 09:42	04/29/21 19:14	1
Chrysene	2.0	U	2.0	0.91	ug/L		04/29/21 09:42	04/29/21 19:14	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-774756/1-A
Matrix: Water
Analysis Batch: 774880

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774756

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		04/29/21 09:42	04/29/21 19:14	1
Dibenzofuran	10	U	10	1.1	ug/L		04/29/21 09:42	04/29/21 19:14	1
Diethyl phthalate	10	U	10	0.98	ug/L		04/29/21 09:42	04/29/21 19:14	1
Dimethyl phthalate	10	U	10	0.77	ug/L		04/29/21 09:42	04/29/21 19:14	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		04/29/21 09:42	04/29/21 19:14	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		04/29/21 09:42	04/29/21 19:14	1
Fluoranthene	10	U	10	0.84	ug/L		04/29/21 09:42	04/29/21 19:14	1
Fluorene	10	U	10	0.91	ug/L		04/29/21 09:42	04/29/21 19:14	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		04/29/21 09:42	04/29/21 19:14	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		04/29/21 09:42	04/29/21 19:14	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		04/29/21 09:42	04/29/21 19:14	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		04/29/21 09:42	04/29/21 19:14	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		04/29/21 09:42	04/29/21 19:14	1
Isophorone	10	U	10	0.80	ug/L		04/29/21 09:42	04/29/21 19:14	1
Naphthalene	2.0	U	2.0	0.54	ug/L		04/29/21 09:42	04/29/21 19:14	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		04/29/21 09:42	04/29/21 19:14	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		04/29/21 09:42	04/29/21 19:14	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		04/29/21 09:42	04/29/21 19:14	1
Phenanthrene	10	U	10	1.3	ug/L		04/29/21 09:42	04/29/21 19:14	1
Pyrene	10	U	10	1.6	ug/L		04/29/21 09:42	04/29/21 19:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*42 - 127*	*04/29/21 09:42*	*04/29/21 19:14*	*1*
Nitrobenzene-d5 (Surr)	*98*		*46 - 137*	*04/29/21 09:42*	*04/29/21 19:14*	*1*
Terphenyl-d14 (Surr)	*100*		*39 - 150*	*04/29/21 09:42*	*04/29/21 19:14*	*1*

Lab Sample ID: LCS 460-774756/2-A
Matrix: Water
Analysis Batch: 774880

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 774756

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	80.0	46.1		ug/L		58	44 - 111
1,2-Dichlorobenzene	80.0	41.7		ug/L		52	45 - 104
1,3-Dichlorobenzene	80.0	39.0		ug/L		49	39 - 102
1,4-Dichlorobenzene	80.0	40.1		ug/L		50	40 - 102
2,2'-oxybis[1-chloropropane]	80.0	68.9		ug/L		86	42 - 116
2,4-Dinitrotoluene	80.0	75.3		ug/L		94	68 - 134
2,6-Dinitrotoluene	80.0	69.6		ug/L		87	70 - 124
2-Chloronaphthalene	80.0	60.0		ug/L		75	57 - 107
2-Methylnaphthalene	80.0	57.3		ug/L		72	55 - 111
2-Nitroaniline	80.0	72.0		ug/L		90	62 - 115
3,3'-Dichlorobenzidine	80.0	59.3		ug/L		74	53 - 125
3-Nitroaniline	80.0	69.9		ug/L		87	60 - 112
4-Bromophenyl phenyl ether	80.0	56.9		ug/L		71	59 - 117
4-Chloroaniline	80.0	59.7		ug/L		75	42 - 114
4-Chlorophenyl phenyl ether	80.0	61.1		ug/L		76	63 - 113
4-Nitroaniline	80.0	74.2		ug/L		93	58 - 120
Acenaphthene	80.0	62.2		ug/L		78	60 - 110

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-774756/2-A
Matrix: Water
Analysis Batch: 774880

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 774756

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthylene	80.0	63.2		ug/L		79	64 - 109
Anthracene	80.0	63.0		ug/L		79	65 - 109
Benzo[a]anthracene	80.0	62.3		ug/L		78	62 - 106
Benzo[a]pyrene	80.0	78.4		ug/L		98	66 - 127
Benzo[b]fluoranthene	80.0	71.6		ug/L		90	66 - 125
Benzo[g,h,i]perylene	80.0	60.8		ug/L		76	49 - 149
Benzo[k]fluoranthene	80.0	73.2		ug/L		91	64 - 125
Bis(2-chloroethoxy)methane	80.0	68.4		ug/L		86	64 - 107
Bis(2-chloroethyl)ether	80.0	67.5		ug/L		84	63 - 110
Bis(2-ethylhexyl) phthalate	80.0	76.9		ug/L		96	60 - 120
Butyl benzyl phthalate	80.0	76.5		ug/L		96	58 - 119
Carbazole	80.0	66.9		ug/L		84	65 - 109
Chrysene	80.0	64.8		ug/L		81	63 - 108
Dibenz(a,h)anthracene	80.0	62.2		ug/L		78	55 - 150
Dibenzofuran	80.0	63.7		ug/L		80	66 - 109
Diethyl phthalate	80.0	72.7		ug/L		91	69 - 112
Dimethyl phthalate	80.0	69.8		ug/L		87	70 - 112
Di-n-butyl phthalate	80.0	74.0		ug/L		92	66 - 110
Di-n-octyl phthalate	80.0	80.6		ug/L		101	54 - 128
Fluoranthene	80.0	64.5		ug/L		81	65 - 113
Fluorene	80.0	65.5		ug/L		82	65 - 111
Hexachlorobenzene	80.0	56.8		ug/L		71	61 - 117
Hexachlorobutadiene	80.0	39.7		ug/L		50	10 - 133
Hexachlorocyclopentadiene	80.0	41.4		ug/L		52	10 - 123
Hexachloroethane	80.0	41.2		ug/L		52	17 - 115
Indeno[1,2,3-cd]pyrene	80.0	60.4		ug/L		75	54 - 150
Isophorone	80.0	71.2		ug/L		89	68 - 114
Naphthalene	80.0	52.9		ug/L		66	58 - 105
Nitrobenzene	80.0	72.0		ug/L		90	71 - 116
N-Nitrosodi-n-propylamine	80.0	74.3		ug/L		93	60 - 119
N-Nitrosodiphenylamine	80.0	61.5		ug/L		77	63 - 109
Phenanthrene	80.0	62.8		ug/L		79	65 - 108
Pyrene	80.0	67.6		ug/L		85	54 - 114

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*42 - 127*
Nitrobenzene-d5 (Surr)	*83*		*46 - 137*
Terphenyl-d14 (Surr)	*86*		*39 - 150*

Lab Sample ID: LCSD 460-774756/3-A
Matrix: Water
Analysis Batch: 774880

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 774756

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	80.0	46.4		ug/L		58	44 - 111	0	30
1,2-Dichlorobenzene	80.0	41.6		ug/L		52	45 - 104	0	30
1,3-Dichlorobenzene	80.0	38.9		ug/L		49	39 - 102	0	30
1,4-Dichlorobenzene	80.0	39.9		ug/L		50	40 - 102	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-774756/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 774880
Prep Batch: 774756

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,2'-oxybis[1-chloropropane]	80.0	68.8		ug/L		86	42 - 116	0	30
2,4-Dinitrotoluene	80.0	76.8		ug/L		96	68 - 134	2	30
2,6-Dinitrotoluene	80.0	72.4		ug/L		90	70 - 124	4	30
2-Chloronaphthalene	80.0	60.3		ug/L		75	57 - 107	0	30
2-Methylnaphthalene	80.0	57.8		ug/L		72	55 - 111	1	30
2-Nitroaniline	80.0	73.2		ug/L		92	62 - 115	2	30
3,3'-Dichlorobenzidine	80.0	60.7		ug/L		76	53 - 125	2	30
3-Nitroaniline	80.0	71.4		ug/L		89	60 - 112	2	30
4-Bromophenyl phenyl ether	80.0	55.9		ug/L		70	59 - 117	2	30
4-Chloroaniline	80.0	60.2		ug/L		75	42 - 114	1	30
4-Chlorophenyl phenyl ether	80.0	62.7		ug/L		78	63 - 113	3	30
4-Nitroaniline	80.0	77.5		ug/L		97	58 - 120	4	30
Acenaphthene	80.0	62.2		ug/L		78	60 - 110	0	30
Acenaphthylene	80.0	63.4		ug/L		79	64 - 109	0	30
Anthracene	80.0	63.8		ug/L		80	65 - 109	1	30
Benzo[a]anthracene	80.0	61.6		ug/L		77	62 - 106	1	30
Benzo[a]pyrene	80.0	77.6		ug/L		97	66 - 127	1	30
Benzo[b]fluoranthene	80.0	73.3		ug/L		92	66 - 125	2	30
Benzo[g,h,i]perylene	80.0	61.4		ug/L		77	49 - 149	1	30
Benzo[k]fluoranthene	80.0	74.5		ug/L		93	64 - 125	2	30
Bis(2-chloroethoxy)methane	80.0	68.0		ug/L		85	64 - 107	1	30
Bis(2-chloroethyl)ether	80.0	66.9		ug/L		84	63 - 110	1	30
Bis(2-ethylhexyl) phthalate	80.0	77.1		ug/L		96	60 - 120	0	30
Butyl benzyl phthalate	80.0	76.8		ug/L		96	58 - 119	0	30
Carbazole	80.0	67.9		ug/L		85	65 - 109	1	30
Chrysene	80.0	65.0		ug/L		81	63 - 108	0	30
Dibenz(a,h)anthracene	80.0	63.3		ug/L		79	55 - 150	2	30
Dibenzofuran	80.0	64.0		ug/L		80	66 - 109	1	30
Diethyl phthalate	80.0	74.5		ug/L		93	69 - 112	2	30
Dimethyl phthalate	80.0	70.8		ug/L		89	70 - 112	1	30
Di-n-butyl phthalate	80.0	75.6		ug/L		94	66 - 110	2	30
Di-n-octyl phthalate	80.0	82.9		ug/L		104	54 - 128	3	30
Fluoranthene	80.0	66.1		ug/L		83	65 - 113	3	30
Fluorene	80.0	65.8		ug/L		82	65 - 111	0	30
Hexachlorobenzene	80.0	57.2		ug/L		71	61 - 117	1	30
Hexachlorobutadiene	80.0	39.1		ug/L		49	10 - 133	2	30
Hexachlorocyclopentadiene	80.0	40.9		ug/L		51	10 - 123	1	30
Hexachloroethane	80.0	41.5		ug/L		52	17 - 115	1	30
Indeno[1,2,3-cd]pyrene	80.0	60.8		ug/L		76	54 - 150	1	30
Isophorone	80.0	70.9		ug/L		89	68 - 114	0	30
Naphthalene	80.0	52.9		ug/L		66	58 - 105	0	30
Nitrobenzene	80.0	71.3		ug/L		89	71 - 116	1	30
N-Nitrosodi-n-propylamine	80.0	74.2		ug/L		93	60 - 119	0	30
N-Nitrosodiphenylamine	80.0	60.4		ug/L		75	63 - 109	2	30
Phenanthrene	80.0	63.1		ug/L		79	65 - 108	0	30
Pyrene	80.0	66.6		ug/L		83	54 - 114	2	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-774756/3-A
Matrix: Water
Analysis Batch: 774880

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 774756

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*71*		*42 - 127*
Nitrobenzene-d5 (Surr)	*82*		*46 - 137*
Terphenyl-d14 (Surr)	*84*		*39 - 150*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 460-774757/1-A
Matrix: Water
Analysis Batch: 774965

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774757

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.016	ug/L		04/29/21 09:51	04/30/21 07:08	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*54*		*10 - 150*	*04/29/21 09:51*	*04/30/21 07:08*	*1*

Lab Sample ID: LCS 460-774757/2-A
Matrix: Water
Analysis Batch: 774965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 774757

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			1.60	1.31		ug/L		82	10 - 200		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*69*		*10 - 200*

Lab Sample ID: LCSD 460-774757/3-A
Matrix: Water
Analysis Batch: 774965

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 774757

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			1.60	1.22		ug/L		77	10 - 200	7	50

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*63*		*10 - 200*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Analysis Batch: 774947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233064-1	TW-01_20210427	Total/NA	Water	8260D	
460-233064-2	TW-05_20210427	Total/NA	Water	8260D	
460-233064-3	RI-TB-GW	Total/NA	Water	8260D	
MB 460-774947/8	Method Blank	Total/NA	Water	8260D	
LCS 460-774947/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-774947/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 774756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233064-1	TW-01_20210427	Total/NA	Water	3510C	
460-233064-2	TW-05_20210427	Total/NA	Water	3510C	
MB 460-774756/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-774756/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-774756/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 774757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233064-1	TW-01_20210427	Total/NA	Water	3510C	
460-233064-2	TW-05_20210427	Total/NA	Water	3510C	
MB 460-774757/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-774757/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-774757/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 774880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233064-1	TW-01_20210427	Total/NA	Water	8270E	774756
460-233064-2	TW-05_20210427	Total/NA	Water	8270E	774756
MB 460-774756/1-A	Method Blank	Total/NA	Water	8270E	774756
LCS 460-774756/2-A	Lab Control Sample	Total/NA	Water	8270E	774756
LCSD 460-774756/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	774756

Analysis Batch: 774965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233064-1	TW-01_20210427	Total/NA	Water	8270E SIM ID	774757
460-233064-2	TW-05_20210427	Total/NA	Water	8270E SIM ID	774757
MB 460-774757/1-A	Method Blank	Total/NA	Water	8270E SIM ID	774757
LCS 460-774757/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	774757
LCSD 460-774757/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	774757

Lab Chronicle

Client: AKRF Inc
Job ID: 460-233064-1
Project/Site: Brookfield Commons - 159 South Lexington

Client Sample ID: TW-01_20210427
Lab Sample ID: 460-233064-1
Date Collected: 04/27/21 12:20
Matrix: Water
Date Received: 04/27/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	774947	04/30/21 09:12	AAT	TAL EDI
Total/NA	Prep	3510C			774756	04/29/21 09:43	OTS	TAL EDI
Total/NA	Analysis	8270E		1	774880	04/29/21 22:47	MME	TAL EDI
Total/NA	Prep	3510C			774757	04/29/21 09:51	OTS	TAL EDI
Total/NA	Analysis	8270E SIM ID		1	774965	04/30/21 11:56	DAN	TAL EDI

Client Sample ID: TW-05_20210427
Lab Sample ID: 460-233064-2
Date Collected: 04/27/21 11:33
Matrix: Water
Date Received: 04/27/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	774947	04/30/21 09:37	AAT	TAL EDI
Total/NA	Prep	3510C			774756	04/29/21 09:43	OTS	TAL EDI
Total/NA	Analysis	8270E		1	774880	04/29/21 23:09	MME	TAL EDI
Total/NA	Prep	3510C			774757	04/29/21 09:51	OTS	TAL EDI
Total/NA	Analysis	8270E SIM ID		1	774965	04/30/21 12:12	DAN	TAL EDI

Client Sample ID: RI-TB-GW
Lab Sample ID: 460-233064-3
Date Collected: 04/27/21 12:20
Matrix: Water
Date Received: 04/27/21 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	774947	04/30/21 08:47	AAT	TAL EDI

Laboratory References:
TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-233064-1
Project/Site: Brookfield Commons - 159 South Lexington

Laboratory: Eurofins TestAmerica, Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-22

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TW-01_20210427	460-233064-1	102	101	106	106
TW-05_20210427	460-233064-2	103	103	105	105
RI-TB-GW	460-233064-3	103	102	105	104
	MB 460-774947/8	102	101	105	105
	LCS 460-774947/3	101	101	102	102
	LCSD 460-774947/4	102	99	103	102

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	75-123
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O72068.D

Lab ID: LCS 460-774947/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.9	94	68-128	
1,1,2,2-Tetrachloroethane	20.0	20.5	102	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.1	106	59-142	
1,1,2-Trichloroethane	20.0	19.8	99	74-125	
1,1-Dichloroethane	20.0	19.7	98	73-130	
1,1-Dichloroethene	20.0	19.4	97	68-133	
1,2,3-Trichlorobenzene	20.0	21.4	107	53-144	
1,2,4-Trichlorobenzene	20.0	20.7	104	64-132	
1,2,4-Trimethylbenzene	20.0	19.2	96	75-125	
1,2-Dibromo-3-Chloropropane	20.0	19.1	96	41-143	
1,2-Dichlorobenzene	20.0	20.1	100	79-122	
1,2-Dichloroethane	20.0	19.2	96	75-121	
1,2-Dichloropropane	20.0	19.9	100	76-126	
1,3,5-Trimethylbenzene	20.0	19.3	96	75-125	
1,3-Dichlorobenzene	20.0	19.9	99	80-121	
1,4-Dichlorobenzene	20.0	19.3	96	80-118	
2-Butanone (MEK)	100	91.8	92	69-128	
2-Hexanone	100	98.5	98	74-127	
4-Methyl-2-pentanone (MIBK)	100	101	101	69-128	
Acetone	100	75.0	75	61-134	
Benzene	20.0	19.7	98	78-126	
Bromoform	20.0	18.3	91	38-144	
Bromomethane	20.0	12.2	61	43-150	
Carbon disulfide	20.0	19.9	100	64-138	
Carbon tetrachloride	20.0	19.1	96	56-131	
Chlorobenzene	20.0	19.5	97	80-119	
Chlorobromomethane	20.0	20.3	102	73-126	
Chlorodibromomethane	20.0	19.1	96	58-130	
Chloroethane	20.0	18.8	94	50-150	
Chloroform	20.0	19.0	95	78-125	
Chloromethane	20.0	14.6	73	38-150	
cis-1,2-Dichloroethene	20.0	19.6	98	78-121	
cis-1,3-Dichloropropene	20.0	20.0	100	74-125	
Cyclohexane	20.0	20.7	104	67-133	
Dichlorobromomethane	20.0	19.0	95	72-121	
Dichlorodifluoromethane	20.0	19.7	98	31-150	
Ethylbenzene	20.0	19.6	98	78-120	
Ethylene Dibromide	20.0	19.7	99	69-126	
Isopropylbenzene	20.0	20.0	100	79-125	
Methyl acetate	40.0	39.0	97	70-127	
Methyl tert-butyl ether	20.0	19.9	99	65-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O72068.D

Lab ID: LCS 460-774947/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	21.0	105	60-139	
Methylene Chloride	20.0	19.4	97	74-127	
m-Xylene & p-Xylene	20.0	19.6	98	78-123	
n-Butylbenzene	20.0	18.5	92	69-135	
N-Propylbenzene	20.0	19.8	99	74-129	
o-Xylene	20.0	19.6	98	78-122	
sec-Butylbenzene	20.0	19.5	97	73-129	
Styrene	20.0	20.2	101	75-127	
tert-Butylbenzene	20.0	19.5	98	72-124	
Tetrachloroethene	20.0	19.5	98	70-127	
Toluene	20.0	19.4	97	78-119	
trans-1,2-Dichloroethene	20.0	19.5	97	74-126	
trans-1,3-Dichloropropene	20.0	19.5	97	66-127	
Trichloroethene	20.0	19.0	95	71-121	
Trichlorofluoromethane	20.0	20.7	103	61-140	
Vinyl chloride	20.0	20.1	100	61-144	
Xylenes, Total	40.0	39.3	98	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O72069.D

Lab ID: LCSD 460-774947/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.6	93	1	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	4	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.1	100	5	30	59-142	
1,1,2-Trichloroethane	20.0	19.7	99	0	30	74-125	
1,1-Dichloroethane	20.0	19.4	97	1	30	73-130	
1,1-Dichloroethene	20.0	19.5	98	1	30	68-133	
1,2,3-Trichlorobenzene	20.0	20.6	103	4	30	53-144	
1,2,4-Trichlorobenzene	20.0	20.2	101	3	30	64-132	
1,2,4-Trimethylbenzene	20.0	18.6	93	3	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	17.9	89	7	30	41-143	
1,2-Dichlorobenzene	20.0	19.7	99	2	30	79-122	
1,2-Dichloroethane	20.0	19.1	96	0	30	75-121	
1,2-Dichloropropane	20.0	20.2	101	1	30	76-126	
1,3,5-Trimethylbenzene	20.0	18.4	92	5	30	75-125	
1,3-Dichlorobenzene	20.0	19.8	99	1	30	80-121	
1,4-Dichlorobenzene	20.0	19.2	96	1	30	80-118	
2-Butanone (MEK)	100	89.7	90	2	30	69-128	
2-Hexanone	100	98.0	98	1	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	101	101	0	30	69-128	
Acetone	100	74.6	75	1	30	61-134	
Benzene	20.0	19.5	98	1	30	78-126	
Bromoform	20.0	17.7	88	3	30	38-144	
Bromomethane	20.0	13.1	65	7	30	43-150	
Carbon disulfide	20.0	19.7	99	1	30	64-138	
Carbon tetrachloride	20.0	18.6	93	3	30	56-131	
Chlorobenzene	20.0	19.5	97	0	30	80-119	
Chlorobromomethane	20.0	20.0	100	2	30	73-126	
Chlorodibromomethane	20.0	18.7	93	2	30	58-130	
Chloroethane	20.0	18.5	93	1	30	50-150	
Chloroform	20.0	19.0	95	0	30	78-125	
Chloromethane	20.0	14.5	72	1	30	38-150	
cis-1,2-Dichloroethene	20.0	19.3	97	1	30	78-121	
cis-1,3-Dichloropropene	20.0	19.7	99	1	30	74-125	
Cyclohexane	20.0	20.1	101	3	30	67-133	
Dichlorobromomethane	20.0	19.1	96	1	30	72-121	
Dichlorodifluoromethane	20.0	18.9	94	4	30	31-150	
Ethylbenzene	20.0	19.4	97	1	30	78-120	
Ethylene Dibromide	20.0	19.1	96	3	30	69-126	
Isopropylbenzene	20.0	19.6	98	2	30	79-125	
Methyl acetate	40.0	37.8	94	3	30	70-127	
Methyl tert-butyl ether	20.0	19.6	98	2	30	65-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O72069.D

Lab ID: LCSD 460-774947/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	20.4	102	3	30	60-139	
Methylene Chloride	20.0	19.1	96	2	30	74-127	
m-Xylene & p-Xylene	20.0	19.2	96	2	30	78-123	
n-Butylbenzene	20.0	17.9	90	3	30	69-135	
N-Propylbenzene	20.0	19.4	97	2	30	74-129	
o-Xylene	20.0	19.5	98	0	30	78-122	
sec-Butylbenzene	20.0	19.2	96	1	30	73-129	
Styrene	20.0	19.9	99	1	30	75-127	
tert-Butylbenzene	20.0	19.2	96	2	30	72-124	
Tetrachloroethene	20.0	19.0	95	3	30	70-127	
Toluene	20.0	19.2	96	1	30	78-119	
trans-1,2-Dichloroethene	20.0	19.1	95	2	30	74-126	
trans-1,3-Dichloropropene	20.0	19.3	96	1	30	66-127	
Trichloroethene	20.0	19.4	97	2	30	71-121	
Trichlorofluoromethane	20.0	19.5	97	6	30	61-140	
Vinyl chloride	20.0	19.6	98	3	30	61-144	
Xylenes, Total	40.0	38.7	97	1	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab File ID: O72073.D Lab Sample ID: MB 460-774947/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS12 Date Analyzed: 04/30/2021 08:22

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-774947/3	O72068.D	04/30/2021 06:15
	LCSD 460-774947/4	O72069.D	04/30/2021 06:41
RI-TB-GW	460-233064-3	O72074.D	04/30/2021 08:47
TW-01_20210427	460-233064-1	O72075.D	04/30/2021 09:12
TW-05_20210427	460-233064-2	O72076.D	04/30/2021 09:37

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab File ID: O71942.D BFB Injection Date: 04/27/2021

Instrument ID: CVOAMS12 BFB Injection Time: 21:42

Analysis Batch No.: 774371

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	111.3
96	5 - 9% of m/z 95	7.1
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	89.9
175	5 - 9% of m/z 174	7.9
176	95 -105% of m/z 174	97.1
177	5 - 10% of m/z 176	7.3

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-774371/3	O71944.D	04/27/2021	22:40
	STD1 460-774371/4	O71945.D	04/27/2021	23:05
	STD5 460-774371/5	O71946.D	04/27/2021	23:30
	STD20 460-774371/6	O71947.D	04/27/2021	23:55
	STD50 460-774371/7	O71948.D	04/28/2021	0:21
	STD500 460-774371/8	O71949.D	04/28/2021	0:46
	STD200 460-774371/12	O71953.D	04/28/2021	2:27
	ICV 460-774371/16	O71957.D	04/28/2021	4:08

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab File ID: O72066.D BFB Injection Date: 04/30/2021

Instrument ID: CVOAMS12 BFB Injection Time: 05:29

Analysis Batch No.: 774947

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	118.8
96	5 - 9% of m/z 95	7.5
173	Less than 2% of m/z 174	0.1
174	50 - 200% of m/z 95	84.1
175	5 - 9% of m/z 174	8.2
176	95 -105% of m/z 174	99.3
177	5 - 10% of m/z 176	6.2

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-774947/2	O72067.D	04/30/2021	5:50
	LCS 460-774947/3	O72068.D	04/30/2021	6:15
	LCSD 460-774947/4	O72069.D	04/30/2021	6:41
	MB 460-774947/8	O72073.D	04/30/2021	8:22
RI-TB-GW	460-233064-3	O72074.D	04/30/2021	8:47
TW-01_20210427	460-233064-1	O72075.D	04/30/2021	9:12
TW-05_20210427	460-233064-2	O72076.D	04/30/2021	9:37

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Sample No.: STD20 460-774371/6 Date Analyzed: 04/27/2021 23:55

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O71947.D Heated Purge: (Y/N) N

Calibration ID: 85059

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		248188	2.04	342346	2.89	580565	3.94
UPPER LIMIT		496376	2.54	684692	3.39	1161130	4.44
LOWER LIMIT		124094	1.54	171173	2.39	290283	3.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-774371/16		273723	2.04	371529	2.90	614139	3.94

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Sample No.: STD20 460-774371/6 Date Analyzed: 04/27/2021 23:55

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O71947.D Heated Purge: (Y/N) N

Calibration ID: 85059

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		33727	4.64	475921	7.61	253678	11.33
UPPER LIMIT		67454	5.14	951842	8.11	507356	11.83
LOWER LIMIT		16864	4.14	237961	7.11	126839	10.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-774371/16		37282	4.64	500403	7.61	269268	11.33

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Sample No.: CCVIS 460-774947/2 Date Analyzed: 04/30/2021 05:50

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O72067.D Heated Purge: (Y/N) N

Calibration ID: 85059

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		228293	2.05	325180	2.90	610907	3.95
UPPER LIMIT		456586	2.55	650360	3.40	1221814	4.45
LOWER LIMIT		114147	1.55	162590	2.40	305454	3.45
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-774947/3		265277	2.05	360619	2.90	617623	3.95
LCSD 460-774947/4		248216	2.05	344710	2.90	618138	3.95
MB 460-774947/8		242350	2.05	341363	2.90	639793	3.95
460-233064-3	RI-TB-GW	258887	2.05	354326	2.90	639195	3.95
460-233064-1	TW-01_20210427	253450	2.05	349977	2.90	636426	3.95
460-233064-2	TW-05_20210427	250697	2.05	346945	2.90	631899	3.95

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Sample No.: CCVIS 460-774947/2 Date Analyzed: 04/30/2021 05:50

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O72067.D Heated Purge: (Y/N) N

Calibration ID: 85059

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		33133	4.65	507263	7.63	271065	11.35
UPPER LIMIT		66266	5.15	1014526	8.13	542130	11.85
LOWER LIMIT		16567	4.15	253632	7.13	135533	10.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-774947/3		36633	4.65	510233	7.63	267281	11.35
LCSD 460-774947/4		34048	4.65	514183	7.63	268298	11.35
MB 460-774947/8		32559	4.65	506819	7.63	271504	11.35
460-233064-3	RI-TB-GW	33819	4.65	506581	7.63	270931	11.35
460-233064-1	TW-01_20210427	34104	4.65	502364	7.63	271259	11.34
460-233064-2	TW-05_20210427	33101	4.65	505944	7.63	268145	11.34

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: TW-01_20210427 Lab Sample ID: 460-233064-1

Matrix: Water Lab File ID: O72075.D

Analysis Method: 8260D Date Collected: 04/27/2021 12:20

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 09:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774947 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: TW-01_20210427 Lab Sample ID: 460-233064-1

Matrix: Water Lab File ID: O72075.D

Analysis Method: 8260D Date Collected: 04/27/2021 12:20

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 09:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774947 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.3		1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	30		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	2.0		1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72075.D
Lims ID: 460-233064-B-1
Client ID: TW-01_20210427
Sample Type: Client
Inject. Date: 30-Apr-2021 09:12:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233064-B-1
Misc. Info.: 460-0127862-010
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 11:42:58 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1620

First Level Reviewer: delpolitov Date: 30-Apr-2021 11:43:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.051	2.051	0.000	98	253450	1000.0	
35 Methyl tert-butyl ether	73	2.215	2.215	0.000	98	11520	1.29	
* 43 2-Butanone-d5	46	2.902	2.902	0.000	98	349977	250.0	
45 cis-1,2-Dichloroethene	96	2.937	2.938	-0.001	97	7919	2.43	
$ 53 Dibromofluoromethane (Surr)	113	3.331	3.331	0.000	97	159468	50.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.624	3.624	0.000	0	193572	50.4	
* 65 Fluorobenzene	96	3.953	3.953	0.000	98	636426	50.0	
67 Trichloroethene	95	4.317	4.318	-0.001	96	6464	2.03	
* 72 1,4-Dioxane-d8	96	4.653	4.654	-0.001	0	34104	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.697	5.698	-0.001	99	651596	53.0	
88 Tetrachloroethene	166	6.477	6.484	-0.007	97	96873	30.3	
* 94 Chlorobenzene-d5	117	7.628	7.628	0.000	88	502364	50.0	
$ 105 4-Bromofluorobenzene	174	9.465	9.466	-0.001	91	210642	52.8	
* 120 1,4-Dichlorobenzene-d4	152	11.339	11.346	-0.007	97	271259	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260SURR250_00217 Amount Added: 1.00 Units: uL
8260ISNEW_00139 Amount Added: 1.00 Units: uL Run Reagent

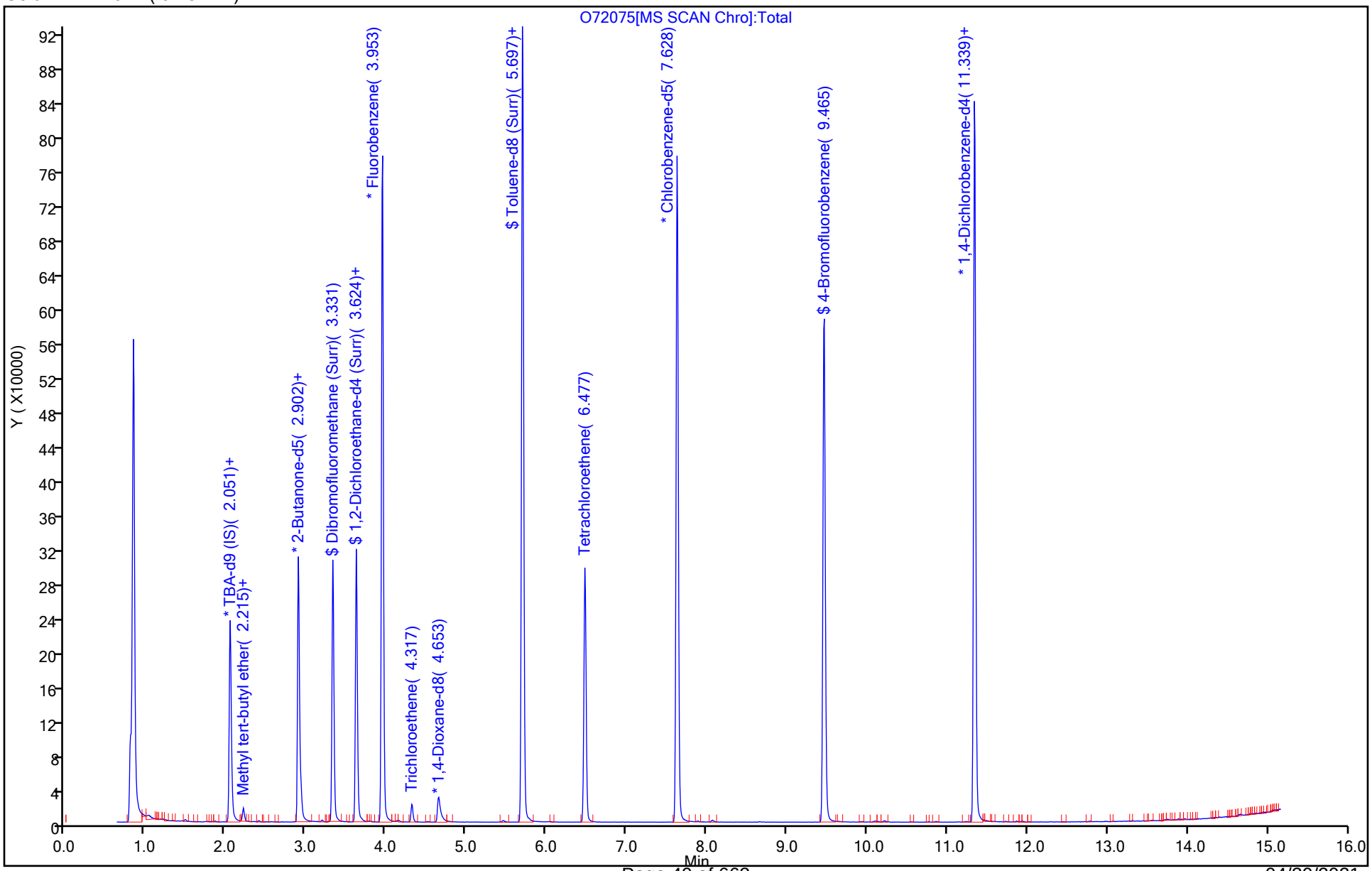
Report Date: 30-Apr-2021 11:43:34 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72075.D

Injection Date:	30-Apr-2021 09:12:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-233064-B-1	Lab Sample ID:	460-233064-1	Worklist Smp#:	10
Client ID:	TW-01_20210427				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

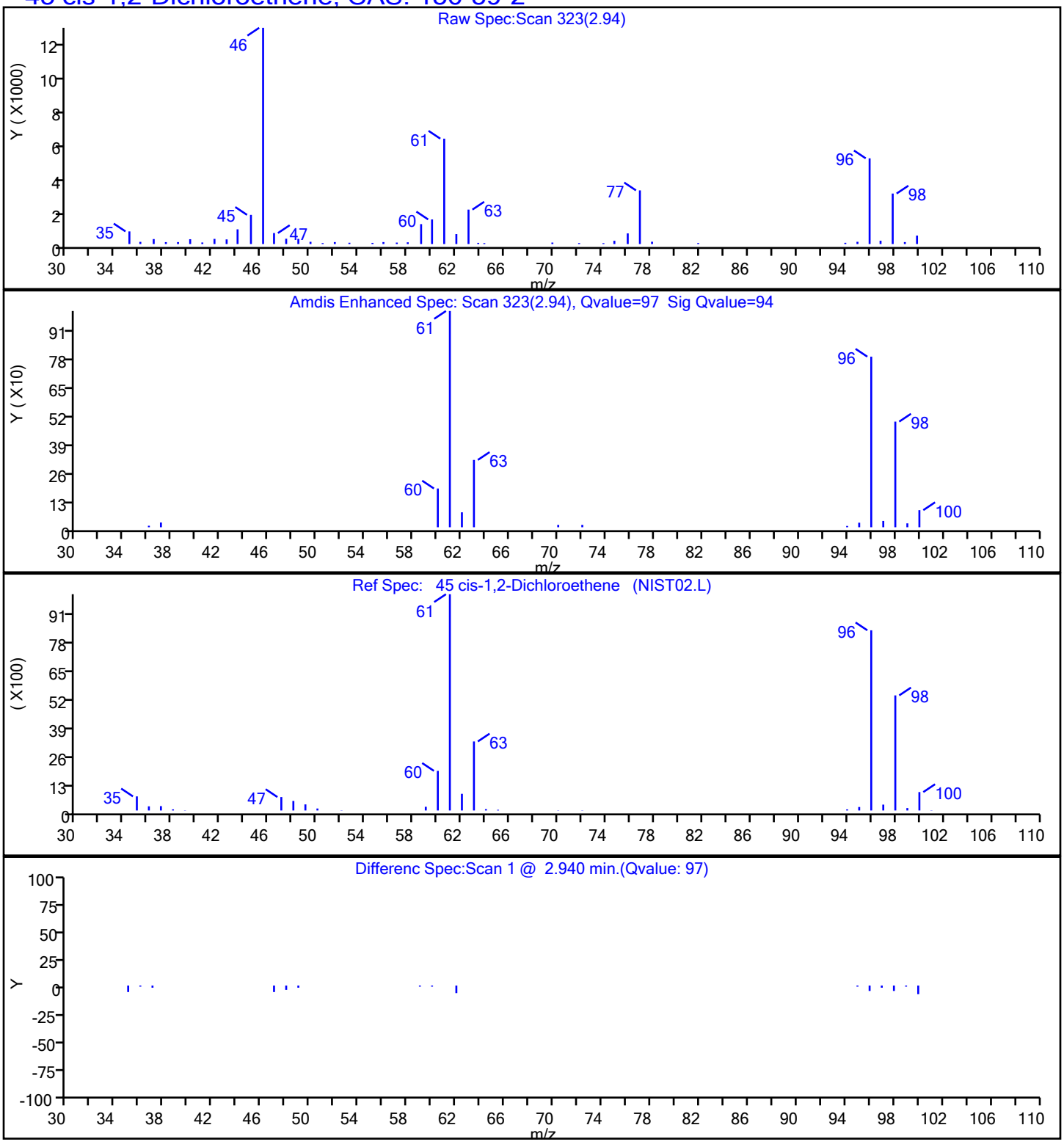
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72075.D				
Injection Date:	30-Apr-2021 09:12:30	Instrument ID:	CVOAMS12		
Lims ID:	460-233064-B-1	Lab Sample ID:	460-233064-1		
Client ID:	TW-01_20210427				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

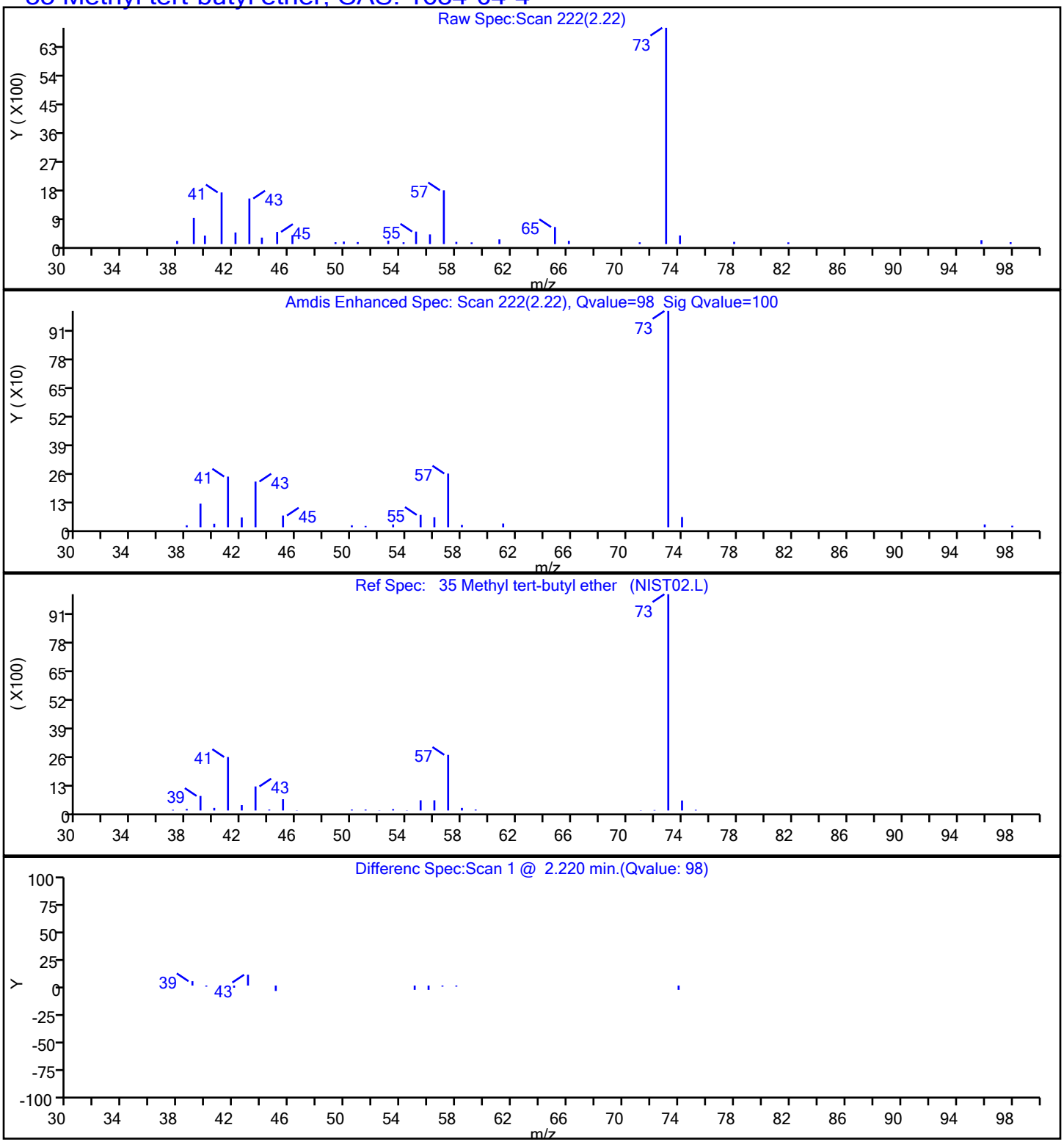
45 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72075.D				
Injection Date:	30-Apr-2021 09:12:30	Instrument ID:	CVOAMS12		
Lims ID:	460-233064-B-1	Lab Sample ID:	460-233064-1		
Client ID:	TW-01_20210427				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

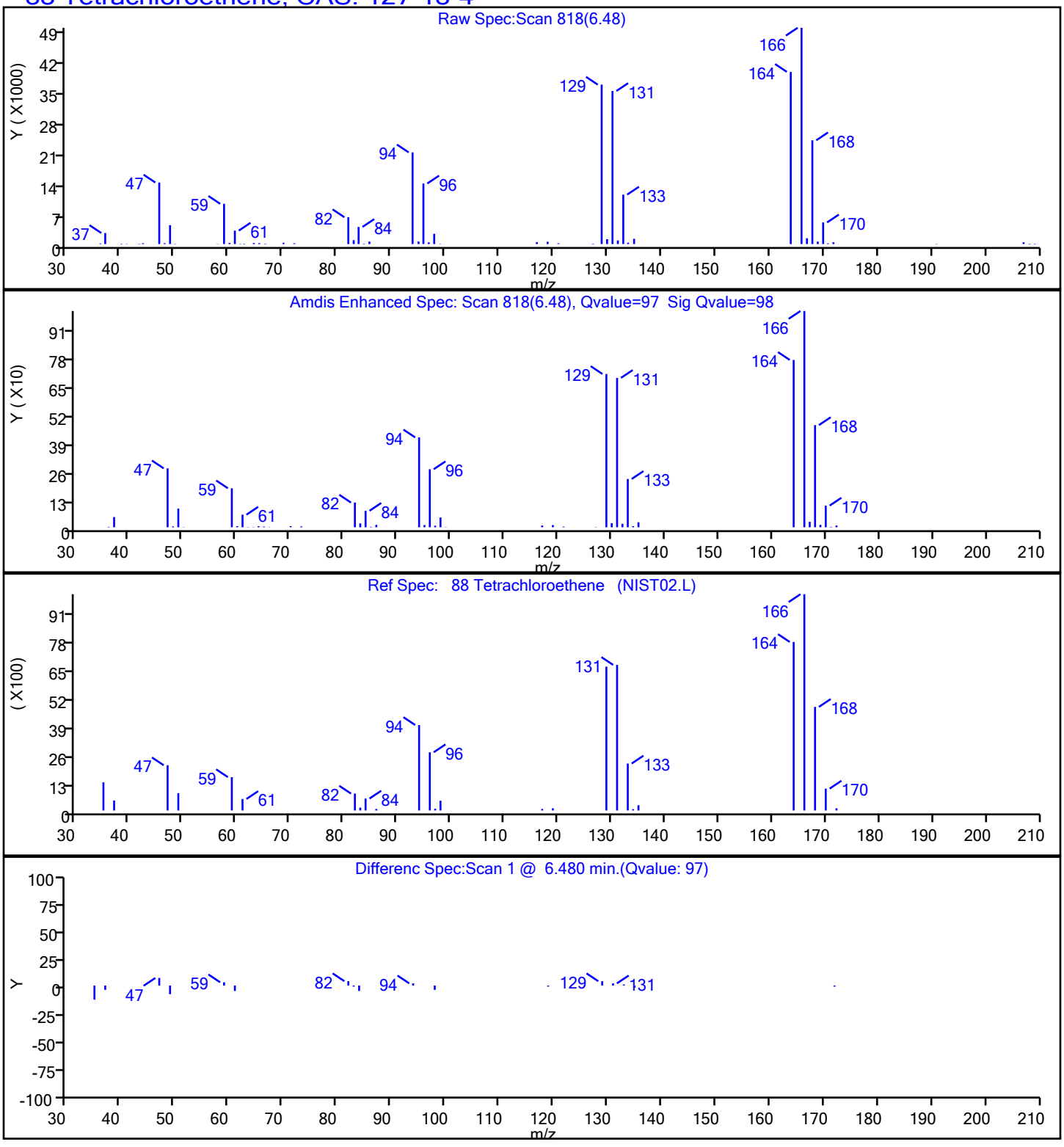
35 Methyl tert-butyl ether, CAS: 1634-04-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72075.D		
Injection Date:	30-Apr-2021 09:12:30	Instrument ID:	CVOAMS12
Lims ID:	460-233064-B-1	Lab Sample ID:	460-233064-1
Client ID:	TW-01_20210427		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

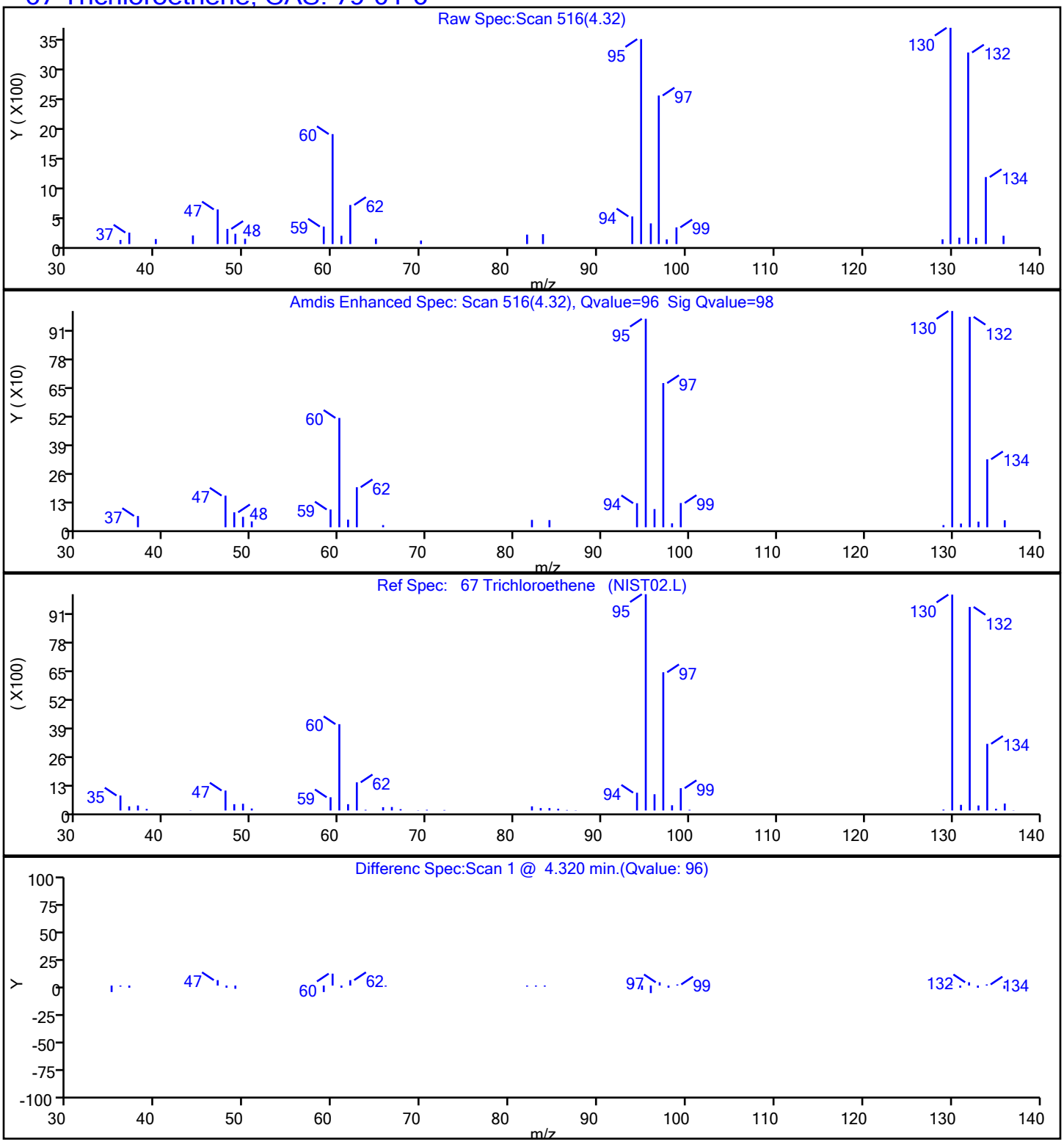


Report Date: 30-Apr-2021 11:43:34 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72075.D		
Injection Date:	30-Apr-2021 09:12:30	Instrument ID:	CVOAMS12
Lims ID:	460-233064-B-1	Lab Sample ID:	460-233064-1
Client ID:	TW-01_20210427		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

67 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: TW-05_20210427 Lab Sample ID: 460-233064-2

Matrix: Water Lab File ID: O72076.D

Analysis Method: 8260D Date Collected: 04/27/2021 11:33

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 09:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774947 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.42	J	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: TW-05_20210427 Lab Sample ID: 460-233064-2

Matrix: Water Lab File ID: O72076.D

Analysis Method: 8260D Date Collected: 04/27/2021 11:33

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 09:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774947 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	2.0		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72076.D
Lims ID: 460-233064-B-2
Client ID: TW-05_20210427
Sample Type: Client
Inject. Date: 30-Apr-2021 09:37:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233064-B-2
Misc. Info.: 460-0127862-011
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 11:42:58 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1620

First Level Reviewer: delpolitov Date: 30-Apr-2021 11:43:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.051	2.051	0.000	98	250697	1000.0	
* 43 2-Butanone-d5	46	2.902	2.902	0.000	98	346945	250.0	
45 cis-1,2-Dichloroethene	96	2.938	2.938	0.000	96	1363	0.4214	
$ 53 Dibromofluoromethane (Surr)	113	3.331	3.331	0.000	96	160902	51.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.624	3.624	0.000	0	196054	51.4	
* 65 Fluorobenzene	96	3.953	3.953	0.000	98	631899	50.0	
* 72 1,4-Dioxane-d8	96	4.654	4.654	0.000	0	33101	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.698	5.698	0.000	99	651774	52.6	
88 Tetrachloroethene	166	6.477	6.484	-0.007	96	6513	2.02	
* 94 Chlorobenzene-d5	117	7.628	7.628	0.000	87	505944	50.0	
$ 105 4-Bromofluorobenzene	174	9.466	9.466	0.000	89	210336	52.3	
* 120 1,4-Dichlorobenzene-d4	152	11.339	11.346	-0.007	96	268145	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260SURR250_00217 Amount Added: 1.00 Units: uL
8260ISNEW_00139 Amount Added: 1.00 Units: uL Run Reagent

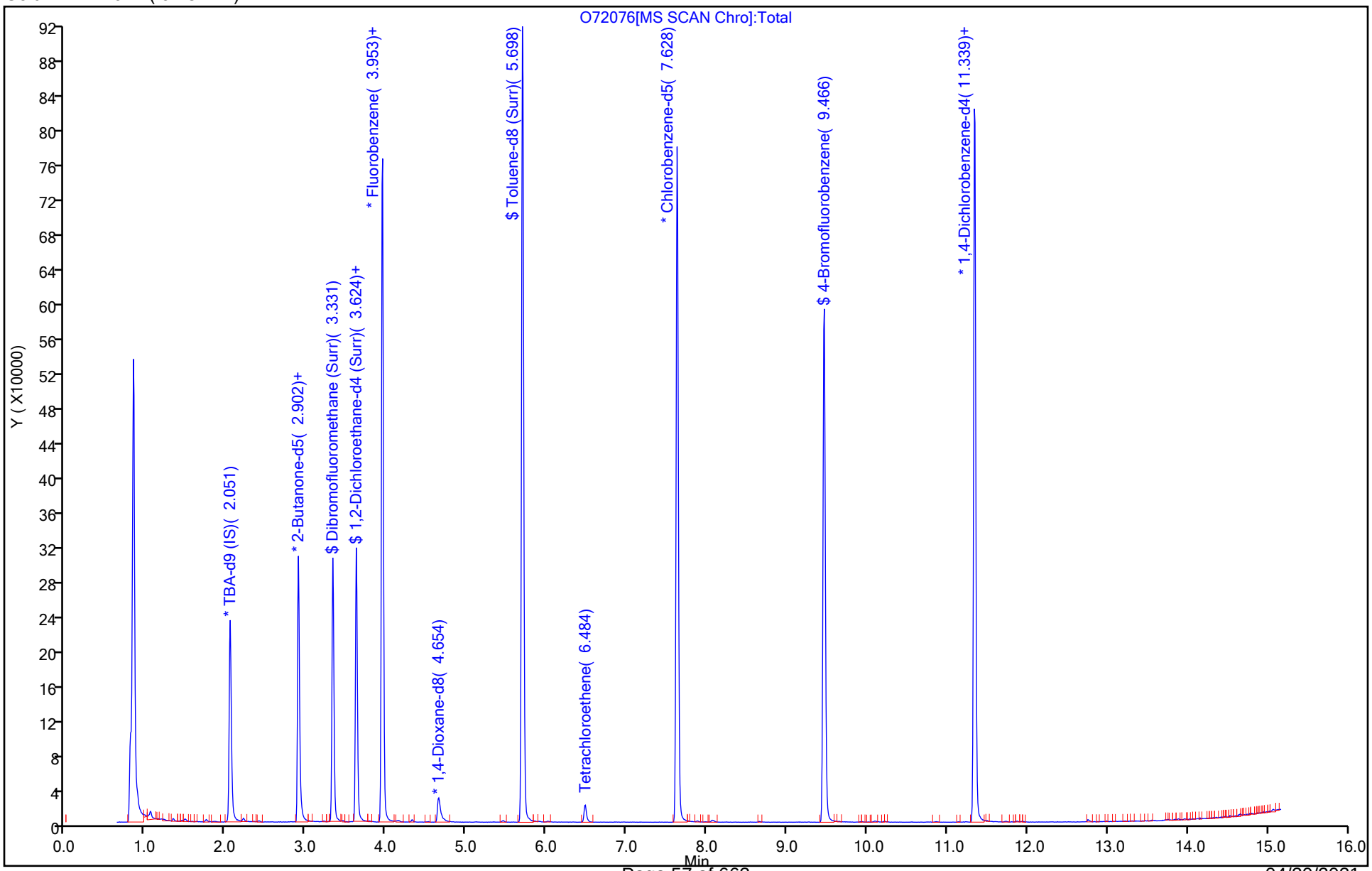
Report Date: 30-Apr-2021 11:43:52 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72076.D

Injection Date:	30-Apr-2021 09:37:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-233064-B-2	Lab Sample ID:	460-233064-2	Worklist Smp#:	11
Client ID:	TW-05_20210427				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

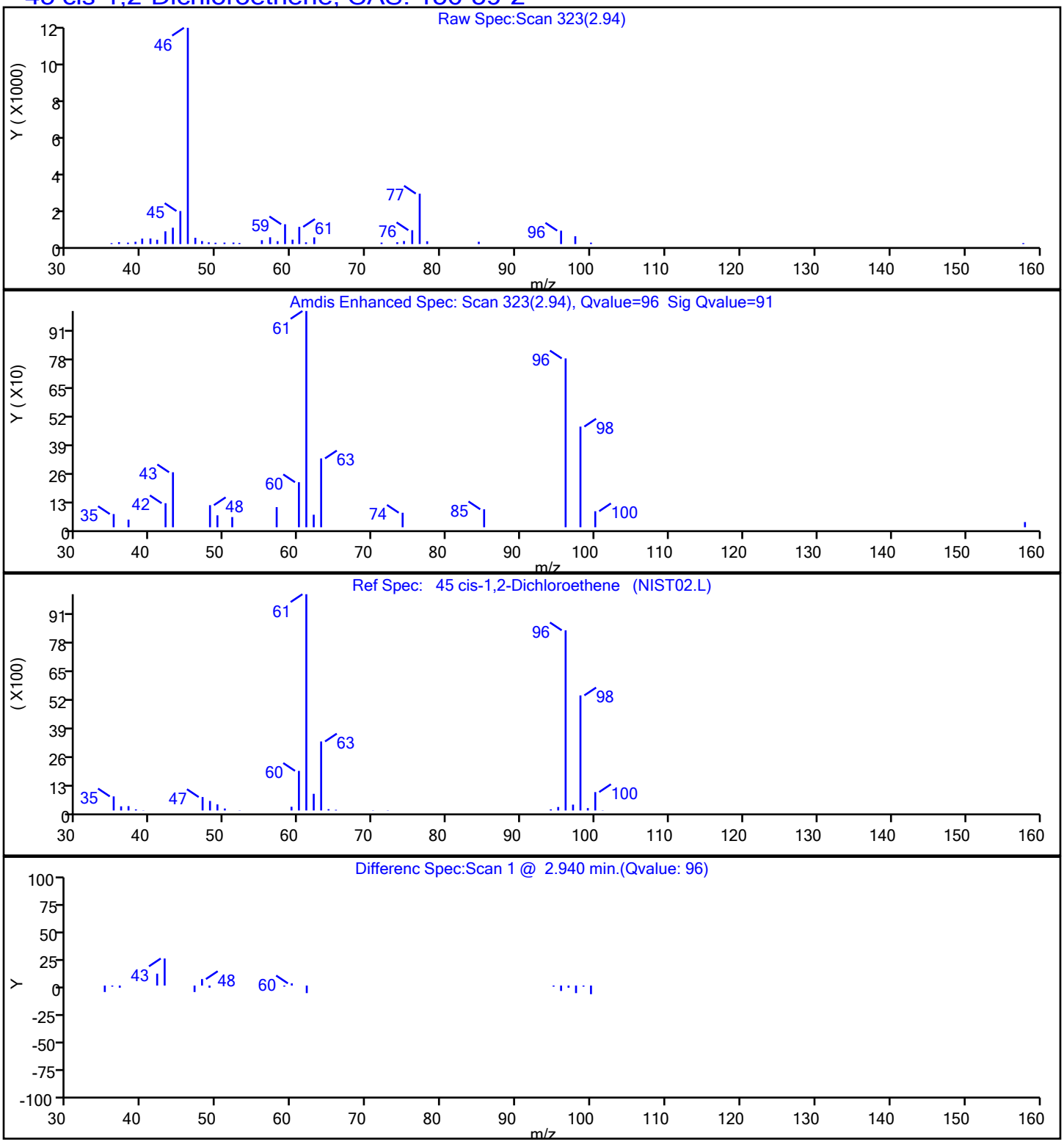
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72076.D				
Injection Date:	30-Apr-2021 09:37:30	Instrument ID:	CVOAMS12		
Lims ID:	460-233064-B-2	Lab Sample ID:	460-233064-2		
Client ID:	TW-05_20210427				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

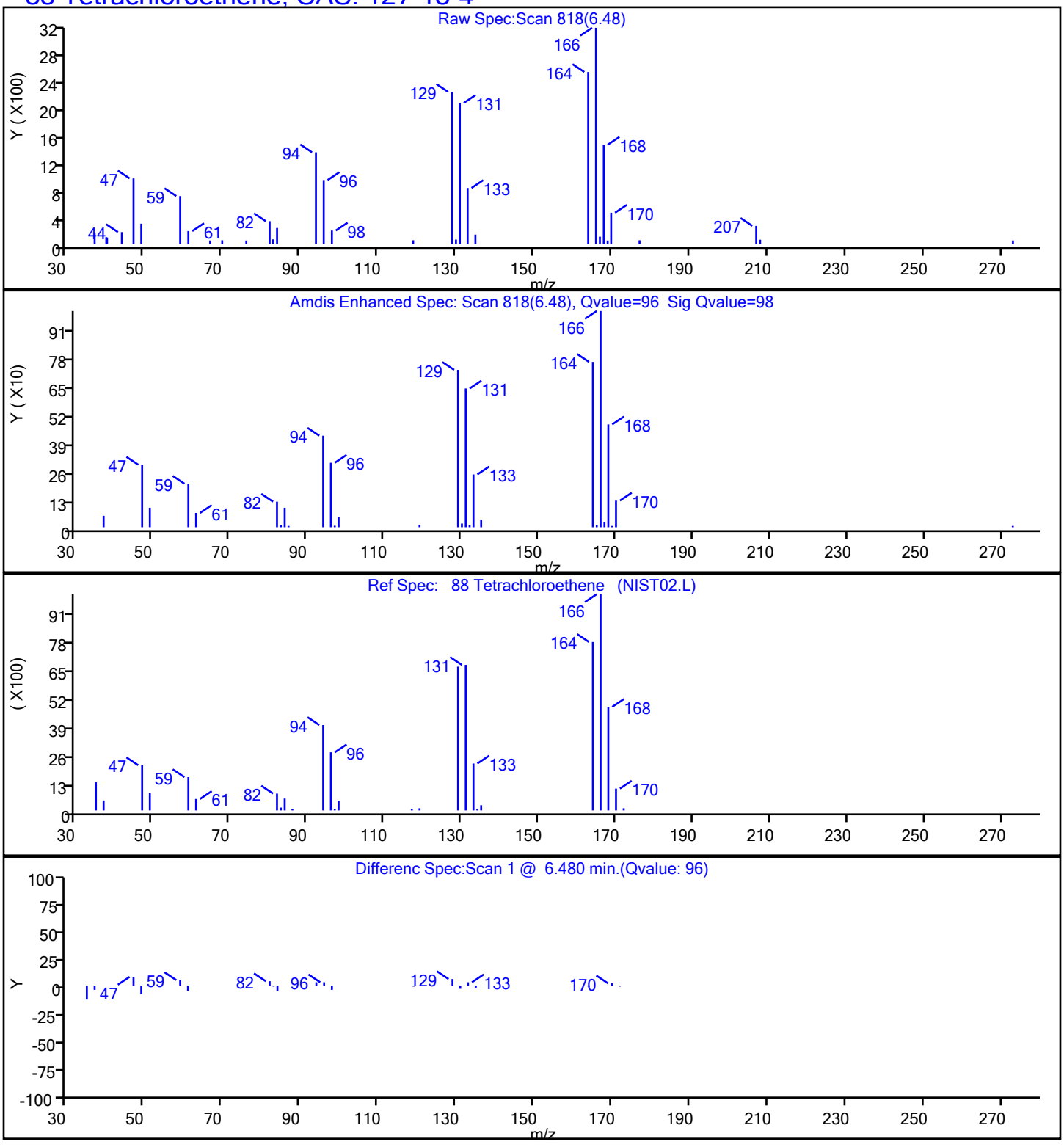
45 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72076.D		
Injection Date:	30-Apr-2021 09:37:30	Instrument ID:	CVOAMS12
Lims ID:	460-233064-B-2	Lab Sample ID:	460-233064-2
Client ID:	TW-05_20210427		
Operator ID:		ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: RI-TB-GW Lab Sample ID: 460-233064-3

Matrix: Water Lab File ID: O72074.D

Analysis Method: 8260D Date Collected: 04/27/2021 12:20

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 08:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774947 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: RI-TB-GW Lab Sample ID: 460-233064-3

Matrix: Water Lab File ID: O72074.D

Analysis Method: 8260D Date Collected: 04/27/2021 12:20

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 08:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774947 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72074.D
Lims ID: 460-233064-B-3
Client ID: RI-TB-GW
Sample Type: Client
Inject. Date: 30-Apr-2021 08:47:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233064-B-3
Misc. Info.: 460-0127862-009
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 11:42:58 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1620

First Level Reviewer: delpolitov Date: 30-Apr-2021 11:43:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.051	2.051	0.000	98	258887	1000.0	
* 43 2-Butanone-d5	46	2.901	2.902	-0.001	98	354326	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.330	3.331	-0.001	97	162271	51.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.624	3.624	0.000	0	196398	50.9	
* 65 Fluorobenzene	96	3.953	3.953	0.000	98	639195	50.0	
* 72 1,4-Dioxane-d8	96	4.653	4.654	-0.001	0	33819	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.697	5.698	-0.001	99	648875	52.3	
* 94 Chlorobenzene-d5	117	7.628	7.628	0.000	87	506581	50.0	
$ 105 4-Bromofluorobenzene	174	9.465	9.466	-0.001	90	208870	51.9	
* 120 1,4-Dichlorobenzene-d4	152	11.346	11.346	0.000	96	270931	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260SURR250_00217 Amount Added: 1.00 Units: uL
8260ISNEW_00139 Amount Added: 1.00 Units: uL Run Reagent

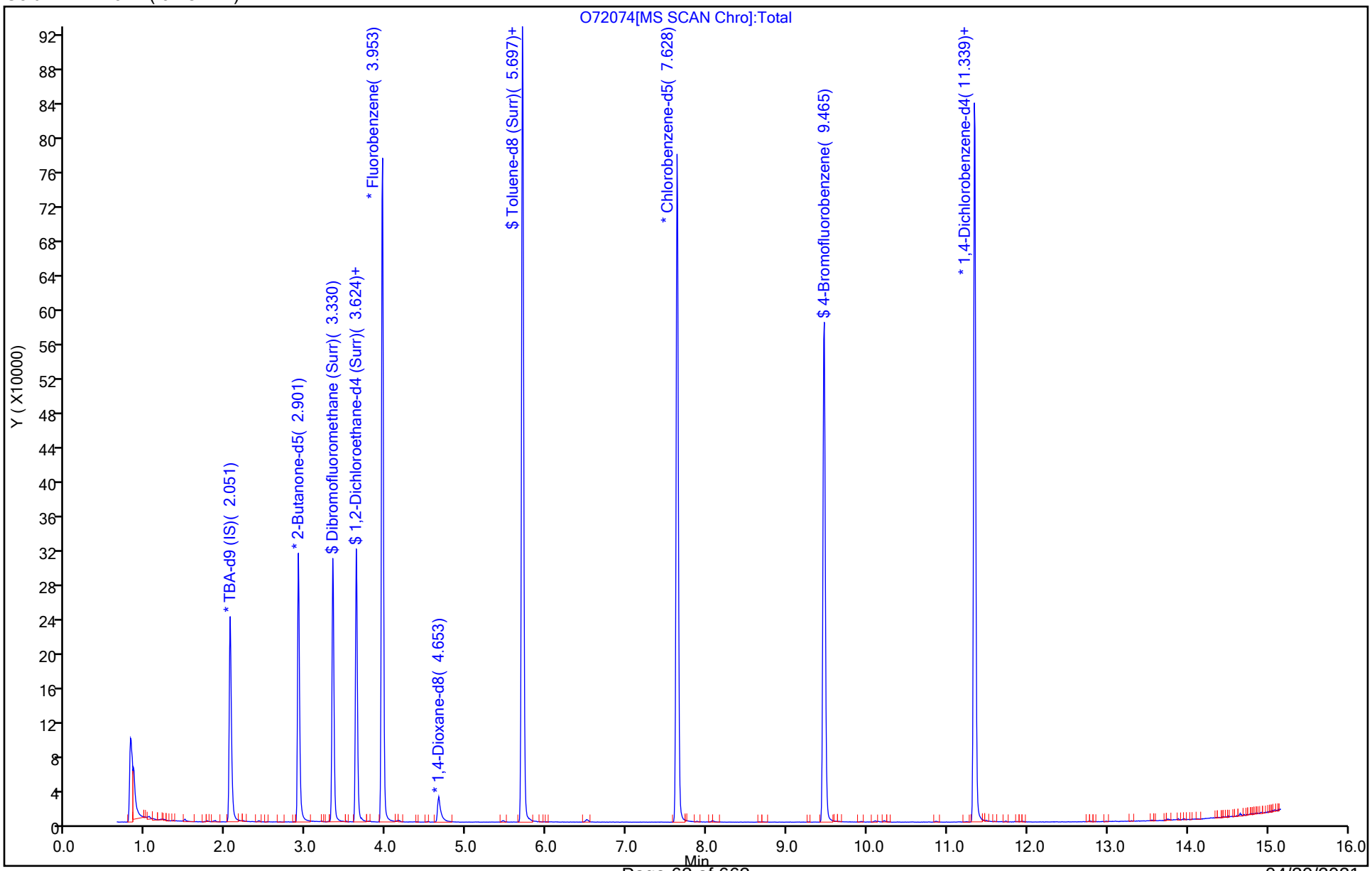
Report Date: 30-Apr-2021 11:43:13 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72074.D

Injection Date:	30-Apr-2021 08:47:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-233064-B-3	Lab Sample ID:	460-233064-3	Worklist Smp#:	9
Client ID:	RI-TB-GW				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-774371/3	O71944.D
Level 2	STD1 460-774371/4	O71945.D
Level 3	STD5 460-774371/5	O71946.D
Level 4	STD20 460-774371/6	O71947.D
Level 5	STD50 460-774371/7	O71948.D
Level 6	STD200 460-774371/12	O71953.D
Level 7	STD500 460-774371/8	O71949.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.8596	0.6593 0.8577	0.7517	0.6696	0.7442	Ave		0.7570				11.5		20.0			
Dichlorodifluoromethane	+++++ 0.3393	0.3278 0.3268	0.4025	0.3625	0.3980	Ave		0.3595			0.1000	9.5		20.0			
Chlorodifluoromethane	+++++ 0.0479	0.0598 0.0456	0.0539	0.0521	0.0510	Ave		0.0517				9.5		20.0			
Chloromethane	+++++ 0.3171	0.4896 0.3096	0.4623	0.4246	0.3985	Ave		0.4003			0.1000	18.5		20.0			
Vinyl chloride	+++++ 0.2962	0.3419 0.2784	0.3443	0.3327	0.3278	Ave		0.3202			0.1000	8.4		20.0			
Butadiene	0.2980 0.2826	0.3172 0.2679	0.3086	0.3016	0.3073	Ave		0.2976				5.7		20.0			
Bromomethane	+++++ 0.1551	0.1702 0.1027	0.1675	0.1615	0.1247	Ave		0.1470			0.1000	18.5		20.0			
Chloroethane	+++++ 0.1830	0.2131 0.1412	0.1987	0.2156	0.2058	Ave		0.1929			0.1000	14.5		20.0			
Dichlorofluoromethane	+++++ 0.4195	0.4129 0.3991	0.4868	0.4586	0.4467	Ave		0.4373				7.5		20.0			
Trichlorofluoromethane	+++++ 0.3407	0.3573 0.3161	0.3827	0.3634	0.3690	Ave		0.3549			0.1000	6.6		20.0			
Pentane	+++++ 0.0396	0.0401 0.0376	0.0472	0.0416	0.0450	Ave		0.0418				8.6		20.0			
Ethanol	+++++ 0.0545	0.0871 0.0509	0.0628	0.0606	0.0586	QuaF		0.0573	0						1.0000		0.9900
Ethyl ether	+++++ 0.1934	0.2000 0.1877	0.2034	0.2015	0.1971	Ave		0.1972				3.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.1793	0.1886 0.1722	0.2114	0.1926	0.1919	Ave		0.1893				7.1		20.0			
2-Methyl-1,3-butadiene	+++++ 0.1995	0.2234 0.1983	0.2426	0.2225	0.2277	Ave		0.2190				7.8		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.2711	0.3323 0.2908	0.3196	0.3010	0.2916	Ave		0.3011				7.3		20.0			
Acrolein	+++++ 0.4890	0.4528 0.3854	0.4535	0.3378	0.2891	Ave		0.4013				19.3		20.0			
1,1-Dichloroethene	+++++ 0.1859	0.2086 0.1934	0.2119	0.1944	0.1913	Ave		0.1976			0.1000	5.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.1847	0.1825 0.1855	0.2164	0.1925	0.1992	Ave		0.1935			0.1000	6.6		20.0			
Acetone	+++++ 0.1880	0.1964 0.2053	0.1457	0.1370	0.1384	Ave		0.1685			0.0500	18.6		20.0			
Iodomethane	+++++ 0.1285	0.0742 0.0991	0.0781	0.0862	0.1003	QuaF		0.1407	-0.000083						0.9970		0.9900
Isopropyl alcohol	+++++ 0.5833	0.6612 0.6303	0.5402	0.5558	0.5679	Ave		0.5898				7.9		20.0			
Carbon disulfide	+++++ 0.6570	0.7689 0.6409	0.7124	0.6863	0.6918	Ave		0.6929			0.1000	6.5		20.0			
3-Chloro-1-propene	+++++ 0.1673	0.1550 0.1704	0.1543	0.1452	0.1591	Ave		0.1585				5.8		20.0			
Acetonitrile	+++++ 0.3992	0.4865 0.3431	0.5045	0.4485	0.4461	Ave		0.4380				13.5		20.0			
Methyl acetate	+++++ 1.3966	1.4629 1.4440	1.3674	1.3914	1.3855	Ave		1.4080			0.1000	2.6		20.0			
Cyclopentene	+++++ 0.5049	0.5680 0.5009	0.6271	0.5732	0.5700	Ave		0.5574				8.5		20.0			
Methylene Chloride	+++++ 0.2299	0.2817 0.2288	0.2662	0.2424	0.2403	Ave		0.2482			0.1000	8.6		20.0			
2-Methyl-2-propanol	+++++ 1.0176	1.3023 1.0296	1.0806	1.0218	1.0178	Ave		1.0783				10.4		20.0			
Acrylonitrile	0.0650 0.0779	0.0616 0.0776	0.0640	0.0693	0.0714	Ave		0.0696				9.4		20.0			
trans-1,2-Dichloroethene	+++++ 0.2163	0.2457 0.2220	0.2399	0.2225	0.2259	Ave		0.2287			0.1000	5.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methyl tert-butyl ether	+++++ 0.6768	0.7379 0.6543	0.7210	0.7210	0.7041	Ave		0.7025			0.1000	4.5		20.0			
Hexane	+++++ 0.3444	0.3182 0.3287	0.3510	0.3195	0.3484	Ave		0.3350				4.4		20.0			
1,1-Dichloroethane	+++++ 0.4158	0.4363 0.4167	0.4540	0.4368	0.4317	Ave		0.4319			0.2000	3.3		20.0			
Vinyl acetate	+++++ 0.4622	0.3930 0.4134	0.3931	0.4241	0.4167	Ave		0.4171				6.1		20.0			
Isopropyl ether	+++++ 0.7876	0.8678 0.7516	0.9118	0.8810	0.8606	Ave		0.8434				7.2		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2109	0.2221 0.2138	0.2350	0.2253	0.2266	Ave		0.2223				4.0		20.0			
Tert-butyl ethyl ether	+++++ 0.7884	0.8478 0.7589	0.8277	0.8165	0.8267	Ave		0.8110				4.0		20.0			
cis-1,2-Dichloroethene	+++++ 0.2460	0.2667 0.2480	0.2653	0.2562	0.2533	Ave		0.2559			0.1000	3.4		20.0			
2,2-Dichloropropane	+++++ 0.0815	0.0783 0.0761	0.0844	0.0789	0.0766	Ave		0.0793				4.0		20.0			
2-Butanone (MEK)	+++++ 0.2461	0.2576 0.2510	0.2477	0.2366	0.2376	Ave		0.2461			0.0500	3.3		20.0			
Propionitrile	+++++ 0.2658	0.3259 0.2557	0.2854	0.2718	0.2684	Ave		0.2788				9.0		20.0			
Ethyl acetate	+++++ 0.2070	0.2184 0.2131	0.2149	0.2116	0.2101	Ave		0.2125				1.9		20.0			
Methyl acrylate	+++++ 0.2314	0.2325 0.2640	0.2377	0.2307	0.2346	Ave		0.2385				5.3		20.0			
Methacrylonitrile	+++++ 0.0939	0.0963 0.0915	0.0970	0.0995	0.0965	Ave		0.0958				2.9		20.0			
Chlorobromomethane	+++++ 0.1098	0.1279 0.1135	0.1218	0.1220	0.1192	Ave		0.1190				5.4		20.0			
Tetrahydrofuran	+++++ 0.6171	0.7001 0.8075	0.6100	0.5780	0.5909	Ave		0.6506				13.5		20.0			
Chloroform	+++++ 0.3867	0.4319 0.3804	0.4222	0.4055	0.3989	Ave		0.4043			0.2000	4.9		20.0			
1,1,1-Trichloroethane	+++++ 0.3532	0.3810 0.3575	0.3700	0.3556	0.3647	Ave		0.3637			0.1000	2.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexane	+++++ 0.3325	0.3225 0.3352	0.3684	0.3433	0.3634	Ave		0.3442			0.1000	5.3		20.0			
Carbon tetrachloride	+++++ 0.2888	0.2887 0.2976	0.2930	0.2802	0.2974	Ave		0.2910			0.1000	2.3		20.0			
1,1-Dichloropropene	+++++ 0.3192	0.3887 0.3203	0.3541	0.3354	0.3367	Ave		0.3424				7.6		20.0			
Isobutyl alcohol	+++++ 0.5314	0.5259 0.5178	0.4966	0.5140	0.5353	Ave		0.5202				2.7		20.0			
Benzene	+++++ 1.0991	1.3061 1.0599	1.2494	1.1843	1.1735	Ave		1.1787			0.5000	7.8		20.0			
1,2-Dichloroethane	+++++ 0.3134	0.3813 0.3054	0.3492	0.3335	0.3315	Ave		0.3357			0.1000	8.1		20.0			
Isooctane	+++++ 0.5842	0.5248 0.5585	0.6500	0.5885	0.6332	Ave		0.5899				7.9		20.0			
Isopropyl acetate	+++++ 0.0944	0.0947 0.0917	0.0900	0.0948	0.0962	Ave		0.0936				2.5		20.0			
Tert-amyl methyl ether	+++++ 0.7060	0.7602 0.6911	0.7629	0.7540	0.7517	Ave		0.7377				4.2		20.0			
n-Heptane	+++++ 0.2911	0.2685 0.2738	0.2710	0.2562	0.2826	Ave		0.2739				4.4		20.0			
n-Butanol	+++++ 0.3408	0.4707 0.3205	0.3324	0.3357	0.3525	Ave		0.3588				15.6		20.0			
Trichloroethene	+++++ 0.2338	0.2649 0.2398	0.2599	0.2471	0.2532	Ave		0.2498			0.2000	4.8		20.0			
Ethyl acrylate	+++++ 0.3541	0.2720 0.3649	0.3040	0.3376	0.3589	Ave		0.3319				11.0		20.0			
Methylcyclohexane	+++++ 0.3884	0.3579 0.3801	0.4047	0.3868	0.4188	Ave		0.3895			0.1000	5.4		20.0			
1,2-Dichloropropane	+++++ 0.2462	0.2895 0.2449	0.2699	0.2680	0.2623	Ave		0.2635			0.1000	6.3		20.0			
Dibromomethane	+++++ 0.1413	0.1427 0.1413	0.1481	0.1477	0.1470	Ave		0.1447				2.2		20.0			
1,4-Dioxane	+++++ 0.9483	1.0395 0.8684	0.9824	1.0298	1.0194	Ave		0.9813				6.6		20.0			
Methyl methacrylate	+++++ 0.0709	0.0669 0.0694	0.0658	0.0721	0.0720	Ave		0.0695				3.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.3892	0.4154 0.3682	0.3745	0.3887	0.3945	Ave		0.3884				4.3		20.0			
Dichlorobromomethane	+++++ 0.3216	0.3013 0.3228	0.2987	0.3198	0.3243	Ave		0.3147			0.2000	3.7		20.0			
2-Nitropropane	+++++ 0.0773	0.0610 0.0774	0.0586	0.0634	0.0701	Ave		0.0680				12.1		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1895	0.1226 0.1874	0.1434	0.1707	0.1822	Ave		0.1659				16.4		20.0			
Epichlorohydrin	0.1801 0.2157	0.1952 0.2183	0.2028	0.2127	0.2218	Ave		0.2067				7.2		20.0			
cis-1,3-Dichloropropene	+++++ 0.5174	0.5165 0.4859	0.5176	0.5284	0.5294	Ave		0.5159			0.2000	3.1		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.1507	2.2288 2.1227	2.2410	2.2659	2.3046	Ave		2.2189			0.0500	3.1		20.0			
Toluene	+++++ 1.2033	1.4117 1.1535	1.3437	1.2801	1.2749	Ave		1.2779			0.4000	7.3		20.0			
trans-1,3-Dichloropropene	+++++ 0.5066	0.4313 0.4776	0.4582	0.4833	0.4974	Ave		0.4757			0.1000	5.8		20.0			
Ethyl methacrylate	+++++ 0.4273	0.3779 0.4106	0.3929	0.4191	0.4343	Ave		0.4103				5.2		20.0			
1,1,2-Trichloroethane	+++++ 0.2201	0.2265 0.2097	0.2352	0.2348	0.2358	Ave		0.2270			0.1000	4.6		20.0			
Tetrachloroethene	+++++ 0.2995	0.3513 0.2997	0.3300	0.3174	0.3129	Ave		0.3185			0.2000	6.2		20.0			
1,3-Dichloropropane	+++++ 0.4616	0.5022 0.4406	0.5096	0.5042	0.4982	Ave		0.4861				5.8		20.0			
2-Hexanone	+++++ 1.6051	1.4896 1.5876	1.5386	1.5717	1.6232	Ave		1.5693			0.0500	3.1		20.0			
Chlorodibromomethane	+++++ 0.3059	0.2477 0.3025	0.2718	0.2845	0.2973	Ave		0.2849			0.1000	7.8		20.0			
n-Butyl acetate	+++++ 0.5181	0.5516 0.4791	0.5228	0.5377	0.5349	Ave		0.5240				4.8		20.0			
Ethylene Dibromide	+++++ 0.2766	0.3004 0.2658	0.2790	0.2920	0.2870	Ave		0.2835			0.1000	4.3		20.0			
Chlorobenzene	+++++ 0.8209	0.9252 0.7888	0.8758	0.8515	0.8489	Ave		0.8519			0.5000	5.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	+++++ 0.2871	0.2785 0.2846	0.2845	0.2914	0.2942	Ave		0.2867				1.9		20.0			
Ethylbenzene	+++++ 0.4298	0.5007 0.4312	0.4756	0.4555	0.4562	Ave		0.4582			0.1000	5.9		20.0			
m-Xylene & p-Xylene	+++++ 0.5473	0.6187 0.5407	0.5916	0.5773	0.5738	Ave		0.5749			0.1000	5.0		20.0			
o-Xylene	+++++ 0.5559	0.5815 0.5401	0.5731	0.5740	0.5727	Ave		0.5662			0.3000	2.7		20.0			
Styrene	+++++ 0.9086	0.9355 0.8749	0.9554	0.9762	0.9764	Ave		0.9378			0.3000	4.3		20.0			
n-Butyl acrylate	+++++ 0.2365	0.2157 0.2287	0.2266	0.2462	0.2472	Ave		0.2335				5.2		20.0			
Bromoform	+++++ 0.2144	0.1402 0.2150	0.1648	0.1805	0.1954	Ave		0.1851			0.1000	15.9		20.0			
Amyl acetate (mixed isomers)	+++++ 1.2119	1.0371 1.1328	1.1024	1.2157	1.2490	Ave		1.1581				7.0		20.0			
Isopropylbenzene	+++++ 1.3361	1.4945 1.2832	1.5057	1.4532	1.4404	Ave		1.4188			0.1000	6.3		20.0			
Bromobenzene	+++++ 0.6814	0.7255 0.6706	0.7036	0.6972	0.6927	Ave		0.6952				2.7		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7132	0.6552 0.6716	0.6619	0.7055	0.6990	Ave		0.6844			0.3000	3.6		20.0			
1,2,3-Trichloropropane	+++++ 0.2072	0.2047 0.1995	0.1989	0.2133	0.2113	Ave		0.2058				2.9		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2397	0.1866 0.2264	0.1931	0.2203	0.2231	Ave		0.2149				9.6		20.0			
N-Propylbenzene	+++++ 2.8709	3.1923 2.7394	3.0680	3.0560	3.0325	Ave		2.9932				5.4		20.0			
2-Chlorotoluene	+++++ 1.7279	2.0955 1.7183	1.9347	1.8731	1.8463	Ave		1.8660				7.5		20.0			
4-Ethyltoluene	+++++ 2.3494	2.5894 2.2954	2.5082	2.4696	2.4715	Ave		2.4473				4.4		20.0			
4-Chlorotoluene	+++++ 1.7469	2.1391 1.5571	2.0433	1.9294	1.8749	Ave		1.8818				11.1		20.0			
1,3,5-Trimethylbenzene	+++++ 1.7483	1.7871 1.7534	1.7593	1.7364	1.7405	Ave		1.7541				1.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.8327	0.6155 0.8303	0.6744	0.7665	0.8231	Ave		0.7571				12.2		20.0			
tert-Butylbenzene	+++++ 1.8183	1.9435 1.7709	1.9089	1.8921	1.9022	Ave		1.8726				3.5		20.0			
1,2,4-Trimethylbenzene	+++++ 1.7090	1.6944 1.7272	1.6479	1.6444	1.6875	Ave		1.6851				2.0		20.0			
sec-Butylbenzene	+++++ 2.5764	2.6955 2.4710	2.6367	2.6209	2.6772	Ave		2.6129				3.1		20.0			
1,3-Dichlorobenzene	+++++ 1.2130	1.3384 1.1880	1.2845	1.2635	1.2587	Ave		1.2577			0.6000	4.2		20.0			
1,4-Dichlorobenzene	+++++ 1.2154	1.3645 1.2034	1.2421	1.2335	1.2365	Ave		1.2492			0.5000	4.7		20.0			
4-Isopropyltoluene	+++++ 1.9618	2.0645 1.9348	2.0153	1.9874	2.0096	Ave		1.9956				2.3		20.0			
1,2,3-Trimethylbenzene	+++++ 1.7264	1.6321 1.7402	1.6051	1.6621	1.7037	Ave		1.6783				3.2		20.0			
Benzyl chloride	+++++ 0.3225	0.1927 0.2803	0.2069	0.2476	0.2667	Ave		0.2528				19.0		20.0			
Indan	+++++ 2.1015	2.2821 1.9791	2.2253	2.2389	2.2445	Ave		2.1786				5.3		20.0			
1,2-Dichlorobenzene	+++++ 1.1795	1.2260 1.1501	1.2225	1.2080	1.2104	Ave		1.1994			0.4000	2.4		20.0			
p-Diethylbenzene	+++++ 0.9294	0.9241 0.9330	0.9426	0.9247	0.9485	Ave		0.9337				1.1		20.0			
n-Butylbenzene	+++++ 0.8623	0.8903 0.8643	0.8429	0.8509	0.8684	Ave		0.8632				1.9		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1732	0.1289 0.1736	0.1336	0.1469	0.1580	Ave		0.1523			0.0500	12.6		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 0.9177	0.8074 0.9628	0.8245	0.8472	0.8774	Ave		0.8728				6.8		20.0			
1,3,5-Trichlorobenzene	+++++ 0.5914	0.5465 0.5798	0.5483	0.5482	0.5713	Ave		0.5643				3.4		20.0			
1,2,4-Trichlorobenzene	+++++ 0.5316	0.4540 0.5315	0.4307	0.4551	0.4785	Ave		0.4802			0.2000	8.9		20.0			
Hexachlorobutadiene	+++++ 0.2802	0.2821 0.2493	0.2800	0.2701	0.2755	Ave		0.2729				4.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.0209	0.8129 1.0956	0.7373	0.8512	0.9193	Ave		0.9062				14.8		20.0			
1,2,3-Trichlorobenzene	+++++ 0.4664	0.4090 0.4641	0.3970	0.4001	0.4232	Ave		0.4266				7.3		20.0			
Dibromofluoromethane (Surr)	0.2557 0.2430	0.2503 0.2476	0.2425	0.2419	0.2415	Ave		0.2461				2.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3145 0.2948	0.3079 0.3002	0.3024	0.2976	0.2956	Ave		0.3019				2.4		20.0			
Toluene-d8 (Surr)	1.2908 1.1637	1.2833 1.1697	1.2366	1.2224	1.2011	Ave		1.2239				4.1		20.0			
4-Bromofluorobenzene	0.4115 0.3810	0.4157 0.3829	0.4007	0.3947	0.3952	Ave		0.3974				3.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-774371/3	O71944.D
Level 2	STD1 460-774371/4	O71945.D
Level 3	STD5 460-774371/5	O71946.D
Level 4	STD20 460-774371/6	O71947.D
Level 5	STD50 460-774371/7	O71948.D
Level 6	STD200 460-774371/12	O71953.D
Level 7	STD500 460-774371/8	O71949.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	BUT	Ave	+++++ 249255	889 581845	5009	18340	50327	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 833597	3922 1976666	23722	84180	231136	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 117583	715 276104	3175	12098	29630	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 779236	5858 1872606	27248	98601	231407	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 727783	4091 1684055	20294	77269	190371	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	889 694262	3795 1620639	18188	70050	178438	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 381188	2037 621095	9871	37502	72432	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 449527	2550 854335	11712	50077	119535	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1030733	4940 2414155	28694	106506	259393	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 837028	4275 1912130	22556	84400	214283	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 194404	959 454550	5559	19300	52266	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	QuaF	+++++ 121154	816 280642	2986	12041	29076	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 475289	2393 1135251	11986	46793	114428	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 440614	2257 1041633	12457	44722	111463	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 490193	2673 1199766	14299	51667	132222	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 665987	3976 1759389	18836	69897	169339	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 27191	424 42486	2155	3354	7170	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 456718	2496 1169924	12487	45151	111101	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 453879	2184 1122352	12755	44705	115667	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 272506	1324 696322	4854	18764	46785	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	QuaF	+++++ 315615	888 599642	4601	20027	58252	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 324348	1548 868523	6417	27591	70427	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 1614288	9200 3876993	41989	159371	401735	+++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	+++++ 410968	1855 1030769	9094	33725	92366	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd9	Ave	+++++ 221988	1139 472800	5993	22264	55315	+++++ 2000	10.0 5000	50.0	200	500
Methyl acetate	TBAd9	Ave	+++++ 155316	685 397969	3249	13813	34363	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 1240588	6797 3030222	36961	133107	330991	+++++ 200	1.00 500	5.00	20.0	50.0
Methylene Chloride	FB	Ave	+++++	3371	15688	56293	139524	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			564750	1384217				200	500			
2-Methyl-2-propanol	TBAd9	Ave	+++++ 565845	3049 1418800	12838	50720	126224	+++++ 2000	10.0 5000	50.0	200	500
Acrylonitrile	FB	Ave	1550 1914673	7365 4696672	37743	161031	414872	2.00 2000	10.0 5000	50.0	200	500
trans-1,2-Dichloroethene	FB	Ave	+++++ 531529	2940 1342755	14142	51672	131208	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 1662999	8829 3957951	42496	167427	408859	+++++ 200	1.00 500	5.00	20.0	50.0
Hexane	FB	Ave	+++++ 846143	3807 1988553	20686	74202	202294	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1021534	5220 2520956	26756	101445	250701	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	+++++ 268030	1060 560874	5239	23232	56360	+++++ 400	2.00 1000	10.0	40.0	100
Isopropyl ether	FB	Ave	+++++ 1935269	10384 4546636	53739	204586	499752	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 518168	2658 1293597	13851	52329	131581	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1937051	10145 4590990	48782	189620	480090	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 604497	3191 1500253	15637	59495	147097	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 200227	937 460432	4974	18332	44500	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 356851	1737 851514	8254	32393	80338	+++++ 1000	5.00 2500	25.0	100	250
Propionitrile	TBAd9	Ave	+++++ 147812	763 352324	3390	13493	33282	+++++ 2000	10.0 5000	50.0	200	500
Ethyl acetate	BUT	Ave	+++++ 120055	589 289137	2864	11591	28414	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 568570	2782 1596748	14008	53574	136207	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++	11525	57165	231003	560433	+++++	10.0	50.0	200	500

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2307662	5534076				2000	5000			
Chlorobromomethane	FB	Ave	+++++ 269842	1530 686908	7179	28333	69215	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 357878	1888 1095556	8130	31661	79913	+++++ 400	2.00 1000	10.0	40.0	100
Chloroform	FB	Ave	+++++ 950104	5168 2301057	24884	94159	231630	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 867918	4559 2162943	21806	82578	211787	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 817055	3859 2027843	21711	79713	211024	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 709665	3454 1800484	17271	65074	172675	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 784301	4651 1937341	20873	77896	195539	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 738658	3078 1783919	14749	63786	165972	+++++ 5000	25.0 12500	125	500	1250
Benzene	CBNZd5	Ave	+++++ 2267584	12362 5520068	59127	225456	565856	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 770063	4562 1847349	20580	77437	192520	+++++ 200	1.00 500	5.00	20.0	50.0
Isooctane	FB	Ave	+++++ 1435506	6279 3378726	38312	136675	367710	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 231875	1133 555000	5304	22007	55891	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 1734693	9096 4180770	44966	175109	436498	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 715271	3213 1656596	15974	59496	164111	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 473698	2755 1104092	9873	41655	109273	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 574555	3170 1450659	15320	57372	147014	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl acrylate	FB	Ave	+++++ 870009	3255 2207375	17920	78389	208413	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 954392	4283 2299418	23855	89818	243214	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 604852	3464 1481220	15909	62246	152325	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 347212	1708 854959	8727	34299	85341	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	+++++ 139701	1712 344425	3276	13893	34133	+++++ 4000	50.0 10000	100	400	1000
Methyl methacrylate	FB	Ave	+++++ 348561	1602 839988	7758	33478	83586	+++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Ave	+++++ 956235	4971 2227630	22072	90256	229083	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 790061	3605 1952786	17606	74265	188328	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 379820	1459 936505	6902	29441	81459	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 466640	1470 1136166	8471	39737	106059	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	1241 1251002	5264 2961636	27030	116484	299972	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1067397	4889 2530661	24496	100592	255261	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 3118103	15027 7199690	74666	310288	779219	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 2482712	13361 6007486	63592	243694	614740	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1045166	4082 2487478	21687	91998	239849	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	+++++ 881603	3577 2138374	18593	79791	209385	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 454106	2144 1092027	11133	44695	113700	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 617900	3325 1561013	15619	60418	150875	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 952348	4753 2294434	24118	95977	240228	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 2327173	10043 5384882	51262	215226	548818	+++++ 1000	5.00 2500	25.0	100	250
Chlorodibromomethane	CBNZ d5	Ave	+++++ 631052	2344 1575472	12865	54158	143368	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Ave	+++++ 1068932	5221 2495017	24743	102367	257924	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 570655	2843 1384469	13205	55580	138363	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 1693696	8757 4108092	41450	162105	409307	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 592321	2636 1482380	13464	55467	141875	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 886837	4739 2245918	22509	86722	219971	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1129085	5856 2816019	28000	109891	276655	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1146940	5504 2812828	27124	109268	276126	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Styrene	CBNZ d5	Ave	+++++ 1874674	8854 4556619	45215	185830	470819	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 488010	2042 1191196	10722	46860	119203	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 442284	1327 1119989	7798	34368	94227	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 1311280	5279 3046346	28198	123362	320697	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 2756672	14145 6682866	71258	276642	694530	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 737306	3693 1803484	17996	70749	177864	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 771708	3335 1806078	16931	71593	179481	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 224164	1042 536421	5087	21643	54261	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 259389	950 608908	4939	22357	57289	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 3106253	16250 7367138	78474	310094	778641	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 1869530	10667 4620993	49487	190067	474074	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 2541957	13181 6173175	64157	250596	634582	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	+++++ 1890157	10889 4187426	52265	195778	481401	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 1891640	9097 4715381	44999	176191	446892	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 901004	3133 2232963	17249	77775	211354	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1967304	9893 4762506	48827	191990	488424	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 1849144	8625 4645119	42151	166856	433276	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 2787622	13721 6645313	67443	265943	687410	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1312485	6813 3194988	32856	128207	323195	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1315064	6946 3236277	31772	125161	317496	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 2122650	10509 5203408	51548	201662	516002	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 1867910	8308 4680081	41057	168653	437438	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 348978	981 753805	5293	25121	68481	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 2273768	11617 5322495	56920	227181	576295	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1276187	6241 3092954	31270	122573	310797	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 1005606	4704 2509034	24110	93830	243542	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 932942	4532 2324454	21561	86340	222971	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 187369	656 466735	3417	14909	40556	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 992880	4110 2589324	21090	85963	225295	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 639864	2782 1559398	14024	55631	146676	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 575210	2311 1429321	11017	46182	122866	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 303147	1436 670330	7163	27405	70728	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 1104597	4138 2946304	18858	86371	236036	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 504637	2082 1248038	10154	40598	108668	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	152552 149244	149772 149787	142943	140410	140265	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	187619 181099	184196 181625	178259	172753	171643	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	609294	607300	585243	581769	579117	50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 774371

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2021 22:40 Calibration End Date: 04/28/2021 02:27 Calibration ID: 85059

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			600219	609207				50.0	50.0			
4-Bromofluorobenzene	CBNZ d5	Ave	194214 196520	196713 199430	189646	187862	190578	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend
Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 27-Apr-2021 22:40:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0127714-003
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Apr-2021 20:29:21 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: boykink Date: 27-Apr-2021 23:40:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.078	1.078	0.000	96	889	0.2500	0.2504	
* 31 TBA-d9 (IS)	65	2.044	2.044	0.000	98	253286	1000.0	1000.0	
33 Acrylonitrile	53	2.187	2.179	0.008	96	1550	2.00	1.87	
* 43 2-Butanone-d5	46	2.895	2.894	0.001	98	344464	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.324	3.324	0.000	96	152552	50.0	52.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.617	3.617	0.000	0	187619	50.0	52.1	
* 65 Fluorobenzene	96	3.938	3.938	0.000	98	596603	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.639	4.639	0.000	0	33842	1000.0	1000.0	
80 Epichlorohydrin	57	5.268	5.261	0.007	96	1241	5.00	4.36	
$ 83 Toluene-d8 (Surr)	98	5.683	5.683	0.000	99	609294	50.0	52.7	
* 94 Chlorobenzene-d5	117	7.614	7.614	0.000	88	472019	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.451	9.444	0.007	90	194214	50.0	51.8	
* 120 1,4-Dichlorobenzene-d4	152	11.332	11.325	0.007	97	254945	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:

ACROLEIN W_00122	Amount Added:	0.00	Units: uL	
GASES Li_00417	Amount Added:	2.50	Units: uL	
524freon_00035	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00085	Amount Added:	20.00	Units: uL	
14DIOXINTER_00128	Amount Added:	0.00	Units: uL	
Ethanol mix_00051	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00135	Amount Added:	0.00	Units: uL	
GAS Hi_00386	Amount Added:	0.00	Units: uL	
MIX I Hi_00137	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00110	Amount Added:	0.00	Units: uL	
8FreonHi_00031	Amount Added:	0.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

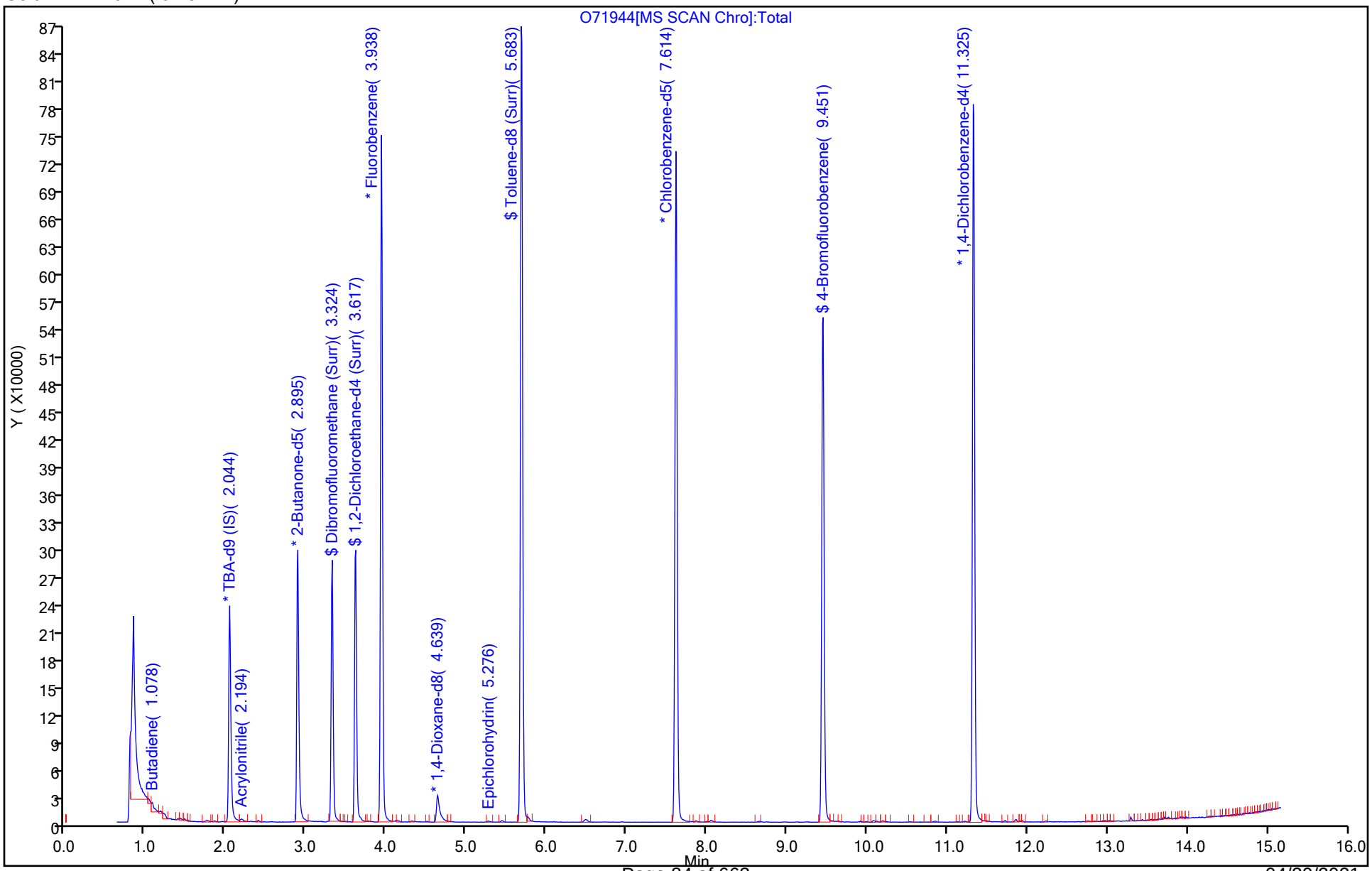
Report Date: 28-Apr-2021 20:29:22 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D

Injection Date:	27-Apr-2021 22:40:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



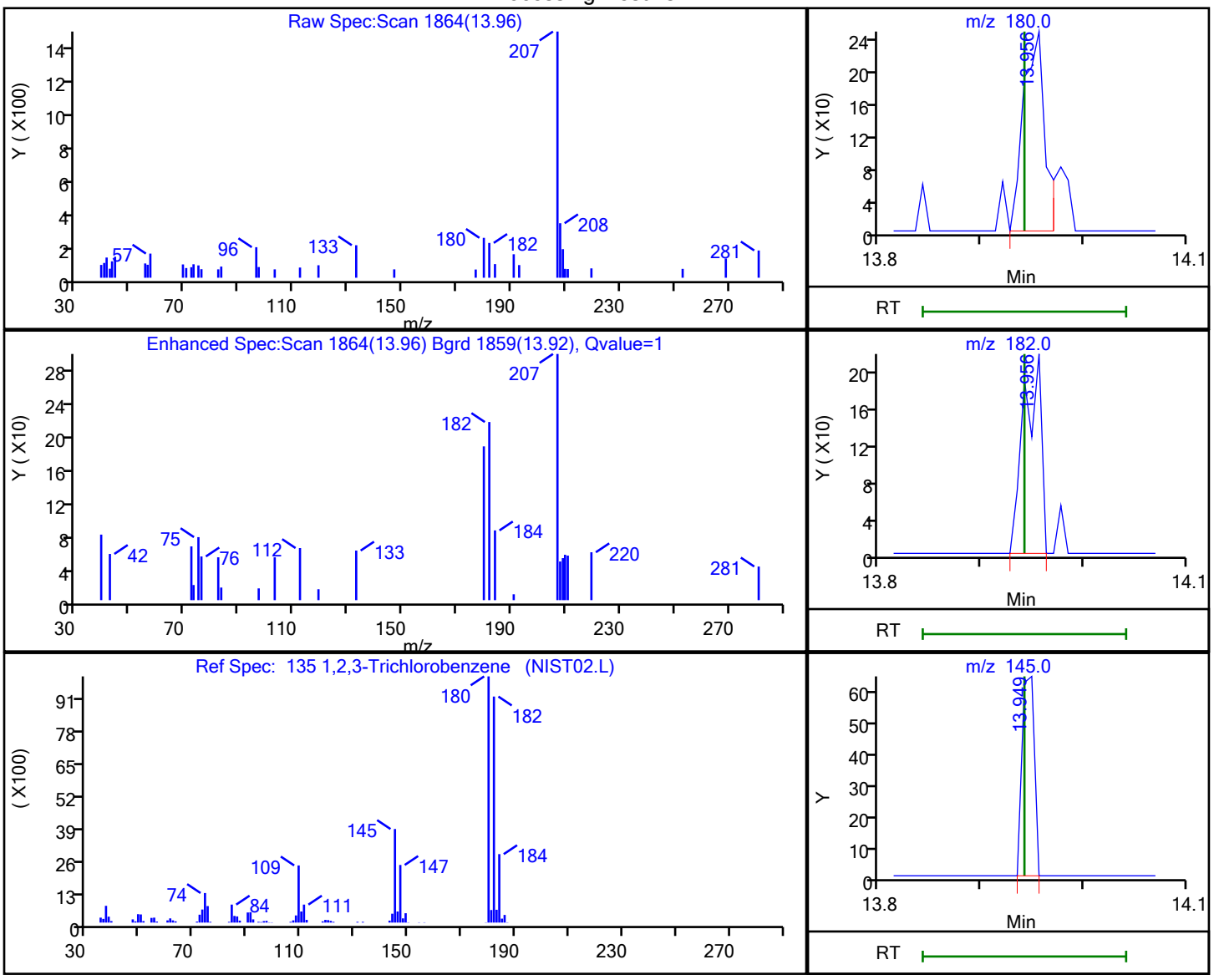
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
13.96	180.00	357	0.171183
13.96	182.00	252	
13.95	145.00	55	

Reviewer: boykink, 27-Apr-2021 23:40:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

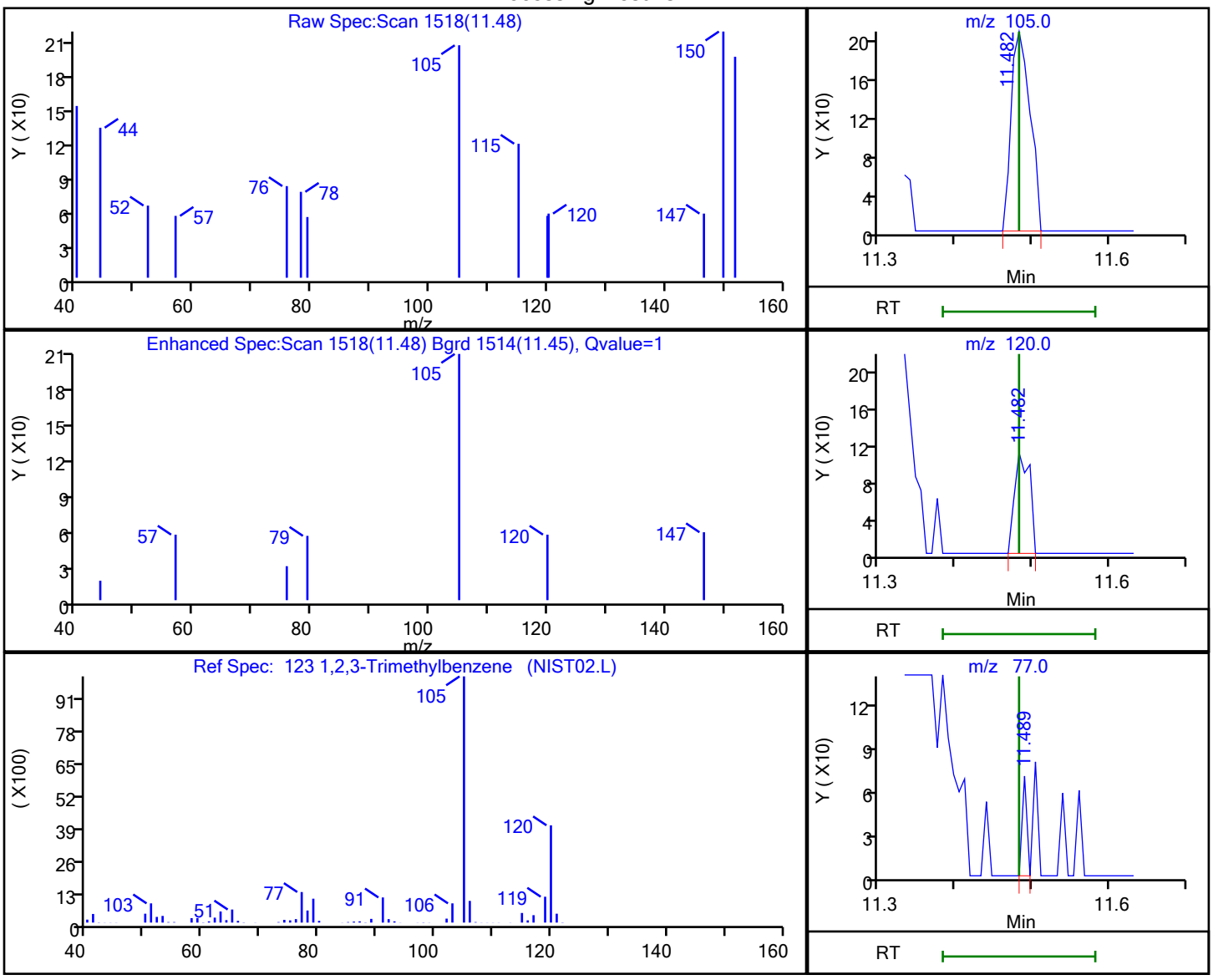
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
11.48	105.00	349	0.041938
11.48	120.00	151	
11.49	77.00	30	

Reviewer: boykink, 27-Apr-2021 23:40:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

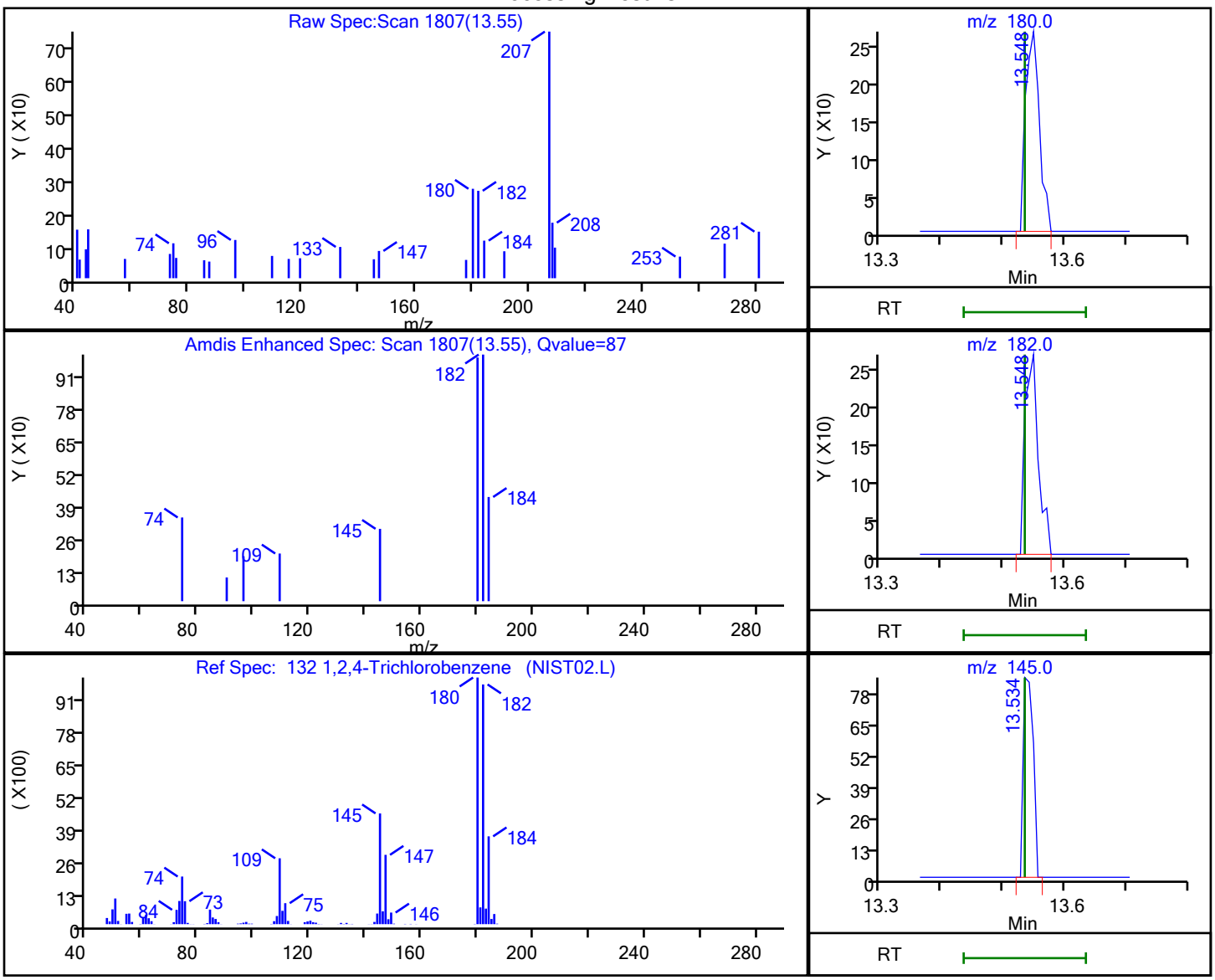
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
13.55	180.00	423	0.182732
13.55	182.00	401	
13.53	145.00	97	

Reviewer: boykink, 27-Apr-2021 23:40:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

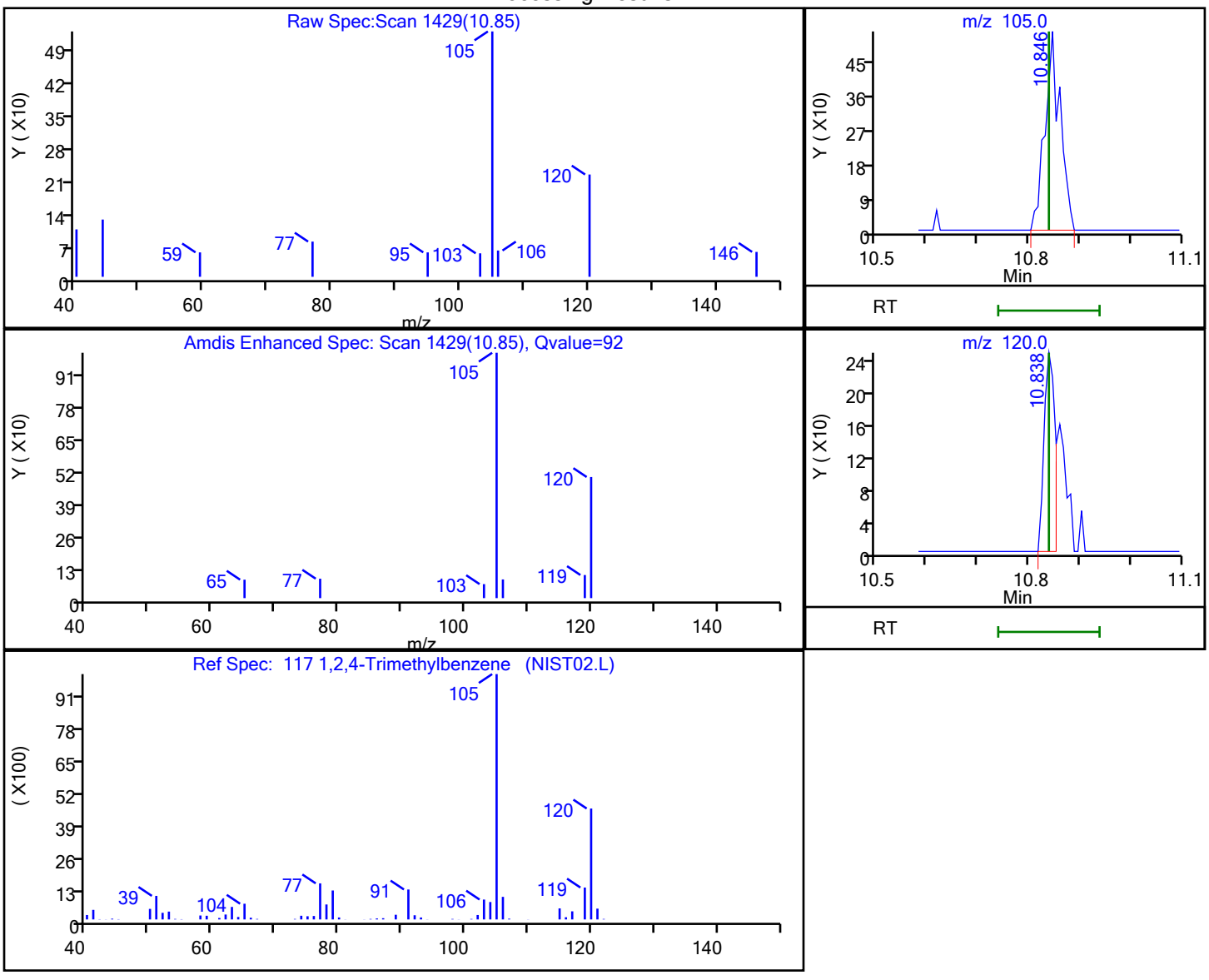
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.85	105.00	1096	0.126860
10.84	120.00	369	

Reviewer: boykink, 27-Apr-2021 23:40:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

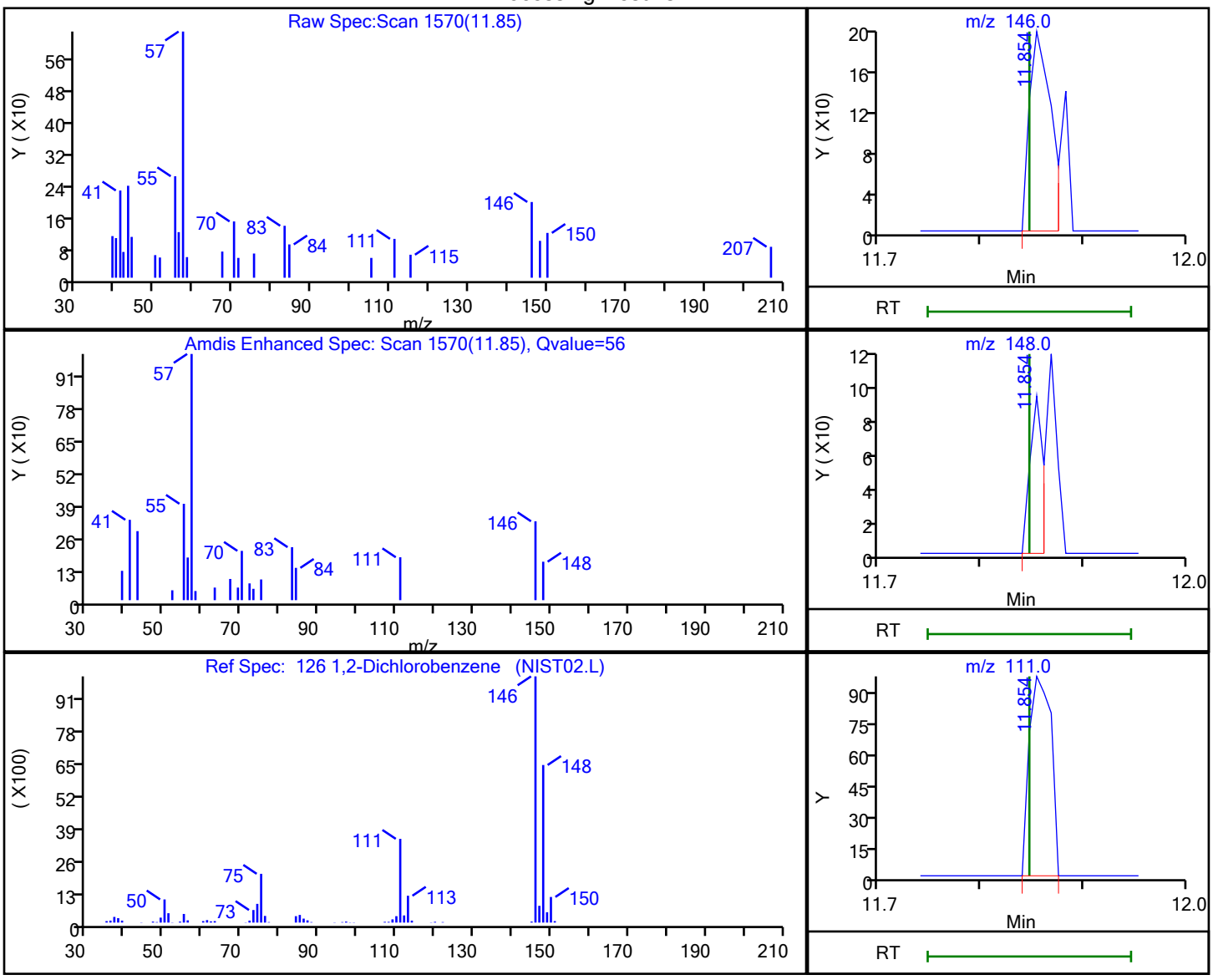
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

126 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.85	146.00	282	0.045110
11.85	148.00	85	
11.85	111.00	145	

Reviewer: boykink, 27-Apr-2021 23:40:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

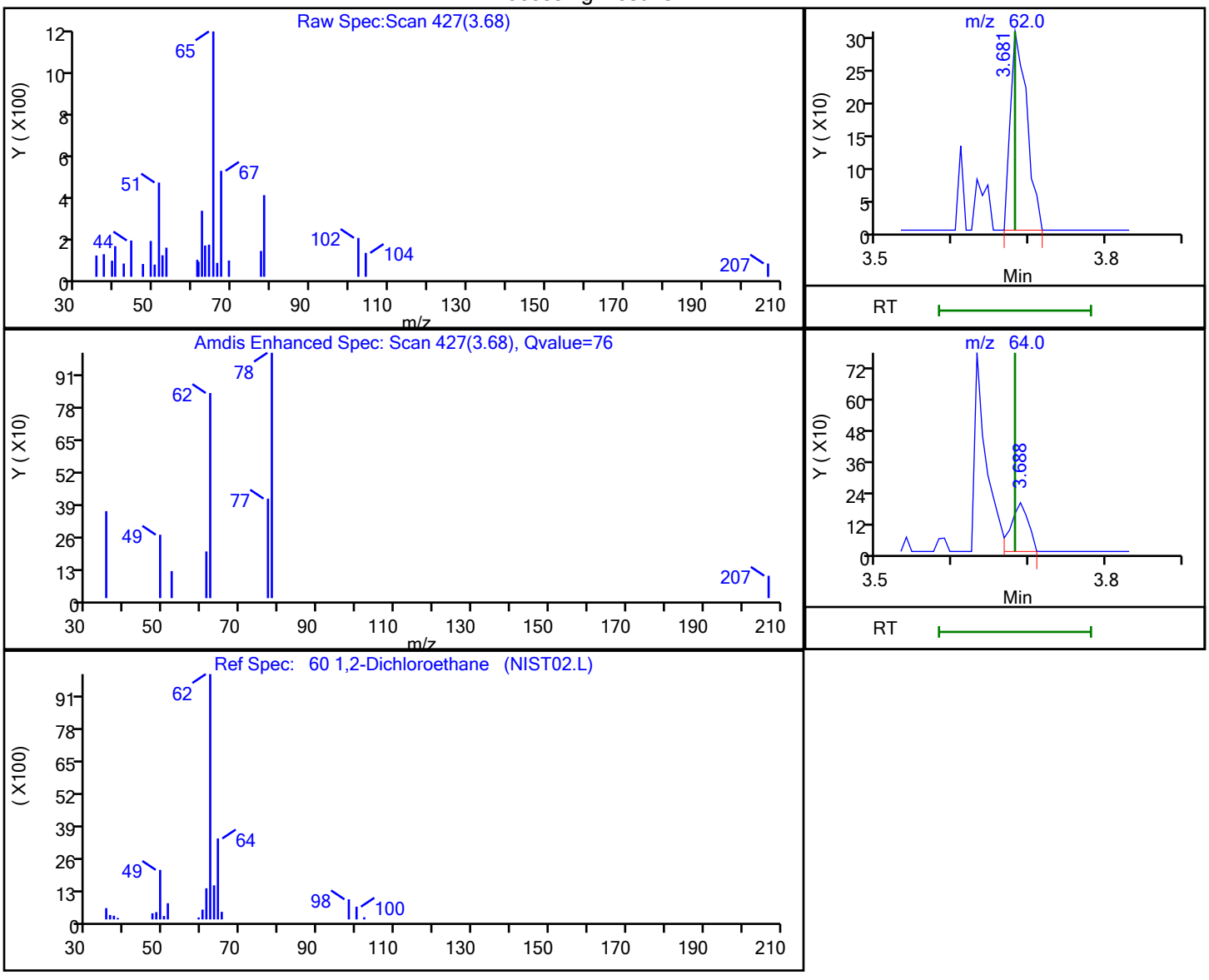
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

60 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.68	62.00	457	0.100457
3.69	64.00	299	

Reviewer: boykink, 27-Apr-2021 23:39:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

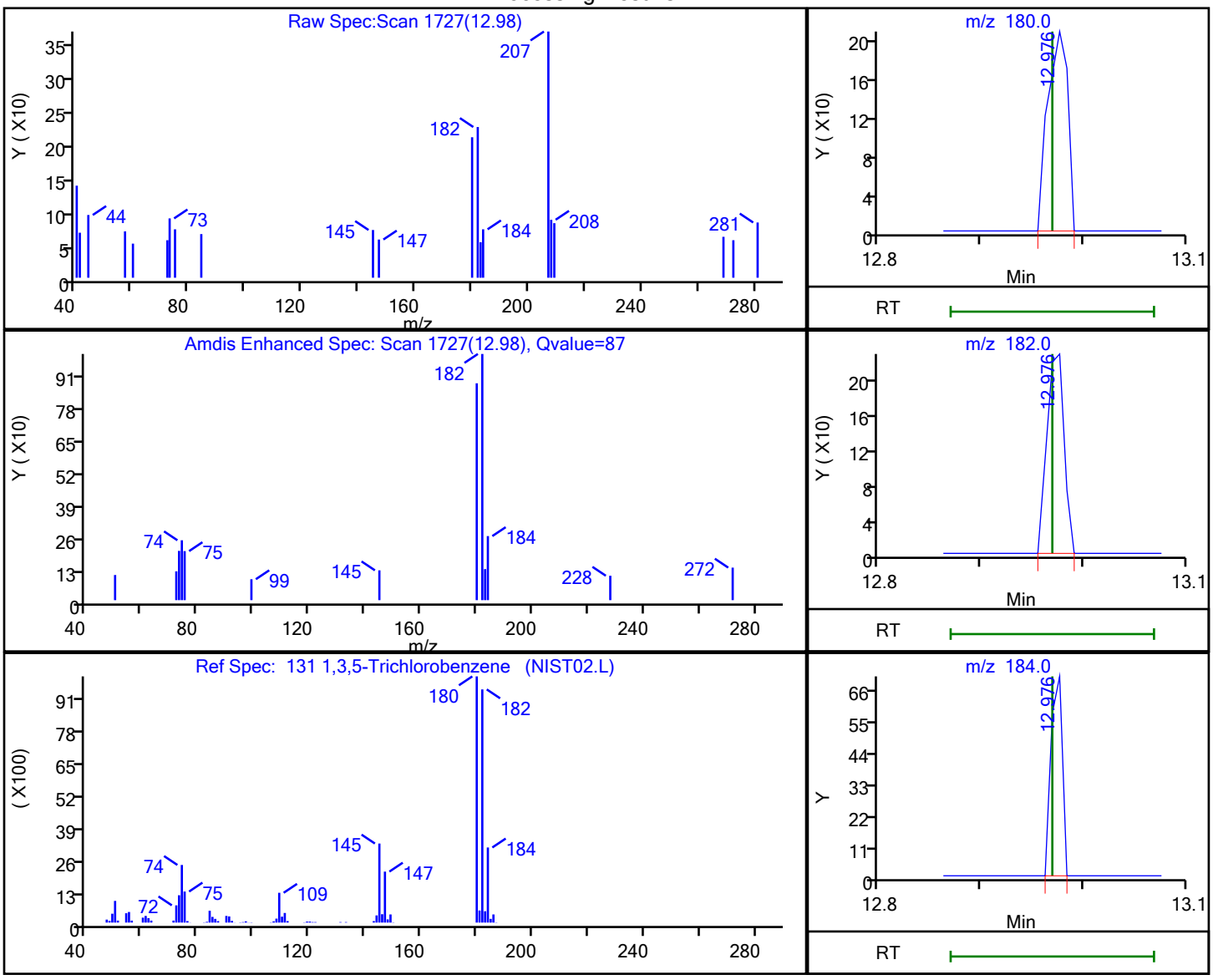
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.98	180.00	281	0.100838
12.98	182.00	261	
12.98	184.00	55	

Reviewer: boykink, 27-Apr-2021 23:40:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

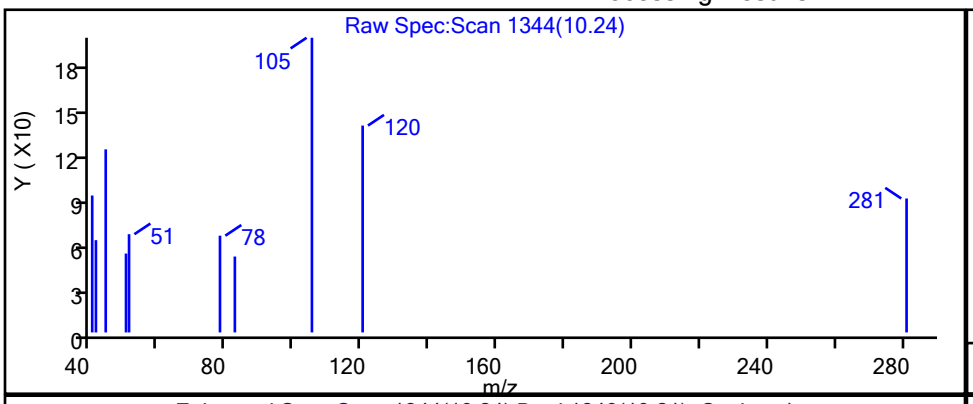
User Disabled Compound Report

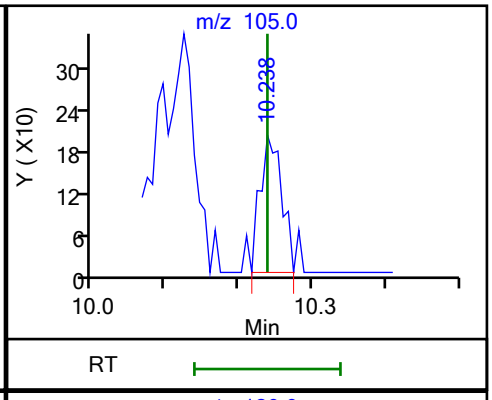
Eurofins TestAmerica, Edison

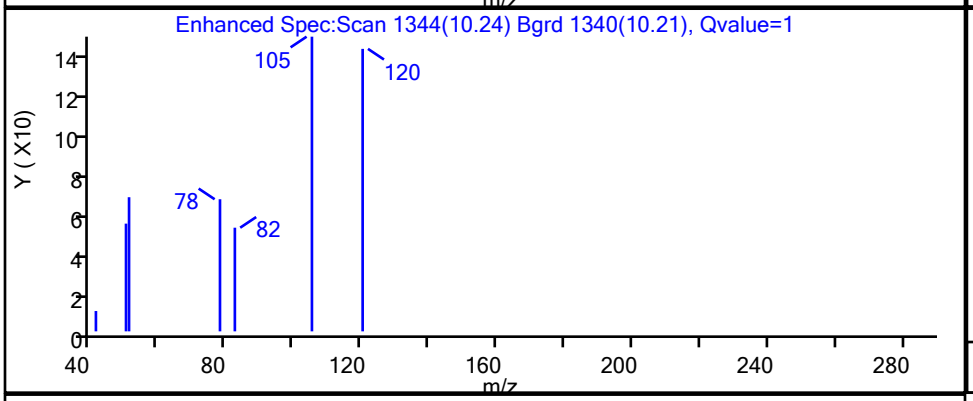
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D		
Injection Date:	27-Apr-2021 22:40:30	Instrument ID:	CVOAMS12
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	3 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

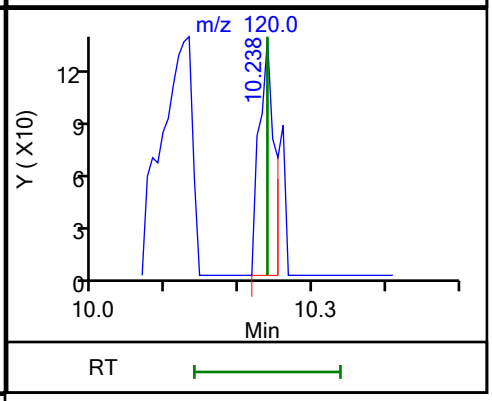
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

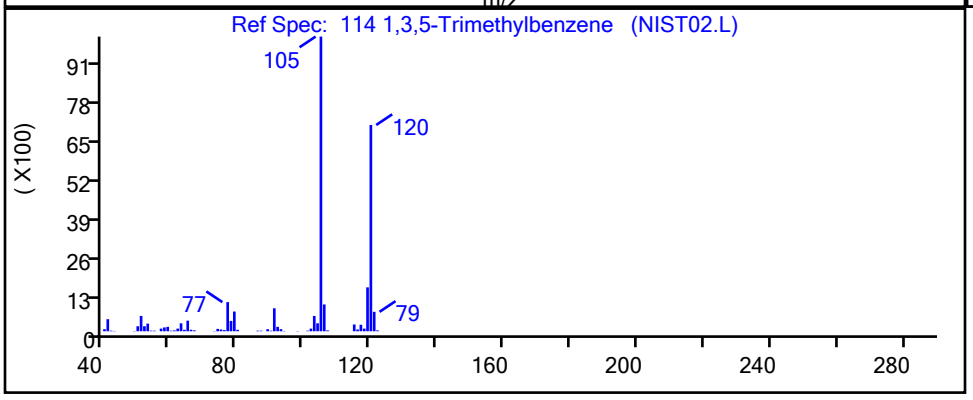
Processing Results











RT	Mass	Response	Amount
10.24	105.00	407	0.044665
10.24	120.00	199	

Reviewer: boykink, 27-Apr-2021 23:40:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

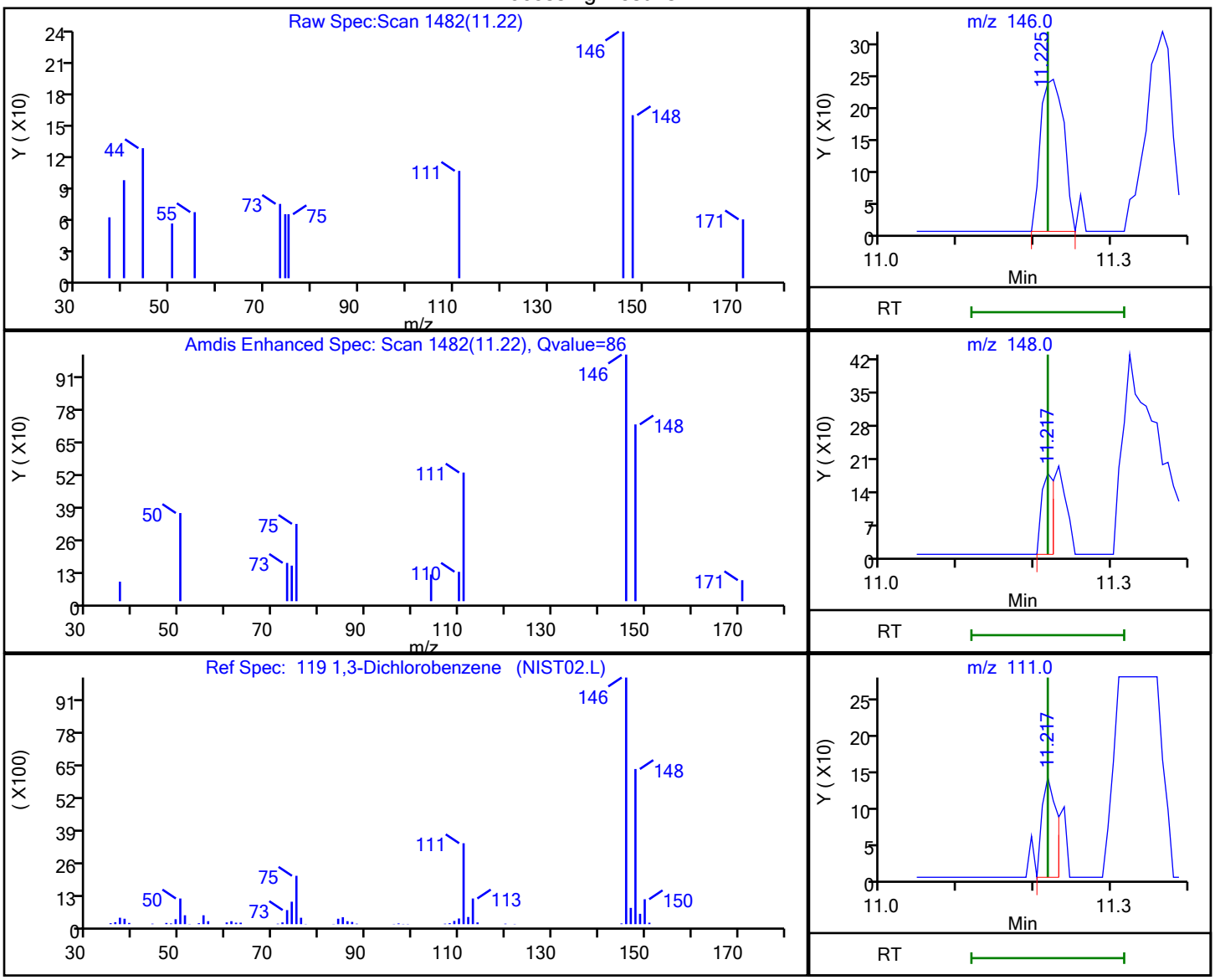
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
11.22	146.00	505	0.073999
11.22	148.00	202	
11.22	111.00	180	

Reviewer: boykink, 27-Apr-2021 23:40:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

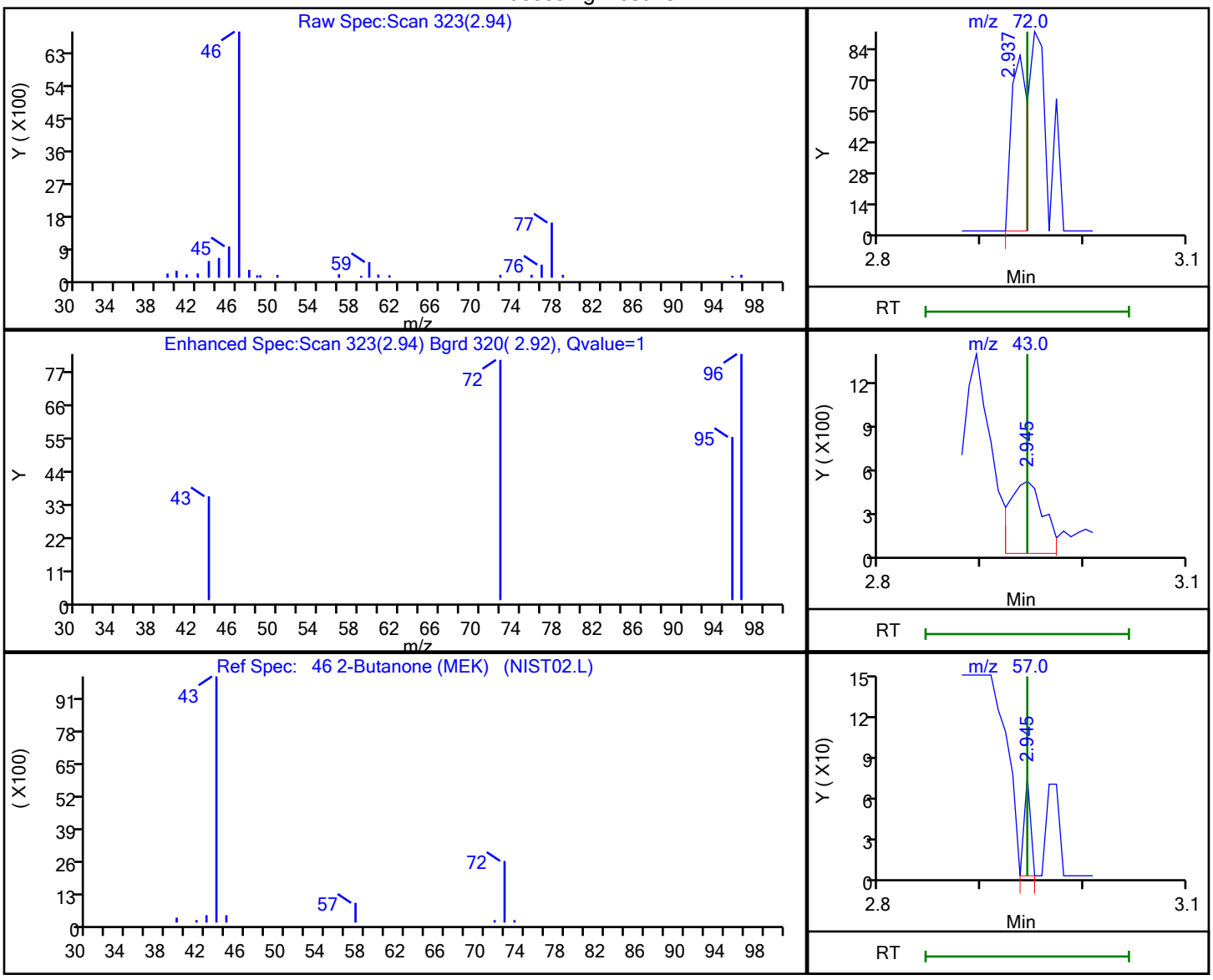
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
2.94	72.00	89	0.250722
2.94	43.00	1177	
2.94	57.00	32	

Reviewer: boykink, 27-Apr-2021 23:39:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

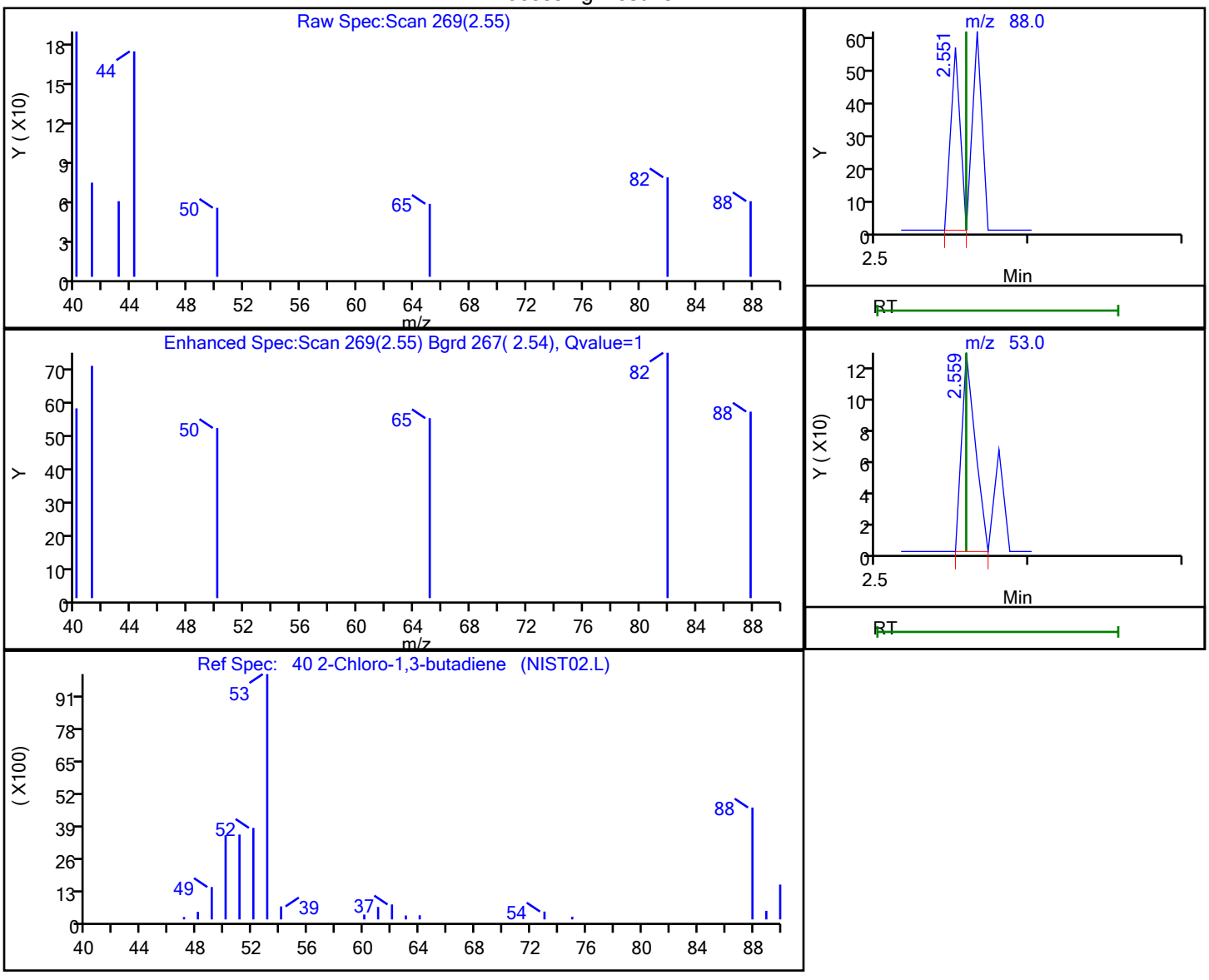
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

40 2-Chloro-1,3-butadiene, CAS: 126-99-8

Processing Results



RT	Mass	Response	Amount
2.55	88.00	24	0.009055
2.56	53.00	78	

Reviewer: boykink, 27-Apr-2021 23:39:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

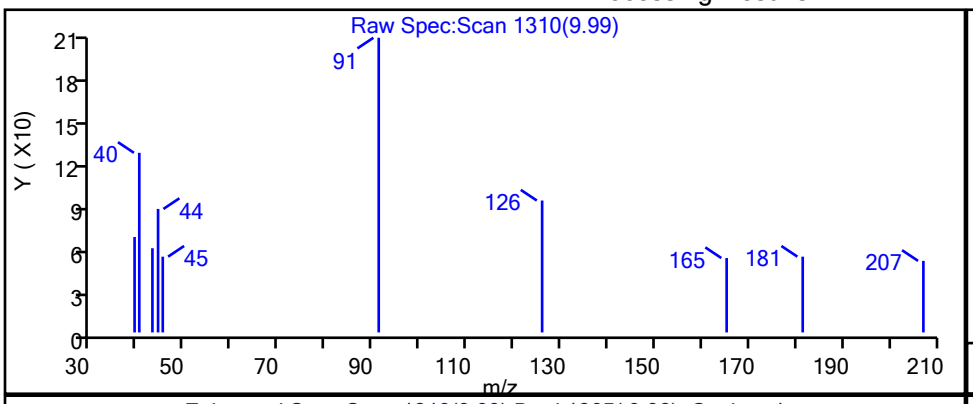
User Disabled Compound Report

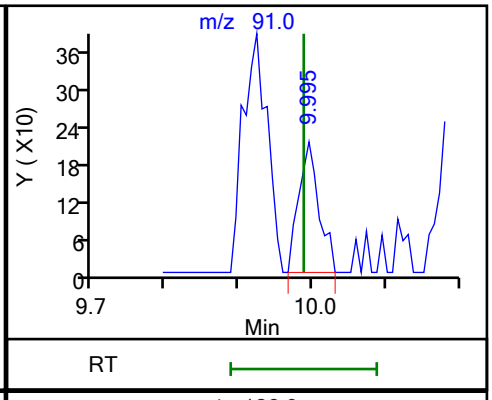
Eurofins TestAmerica, Edison

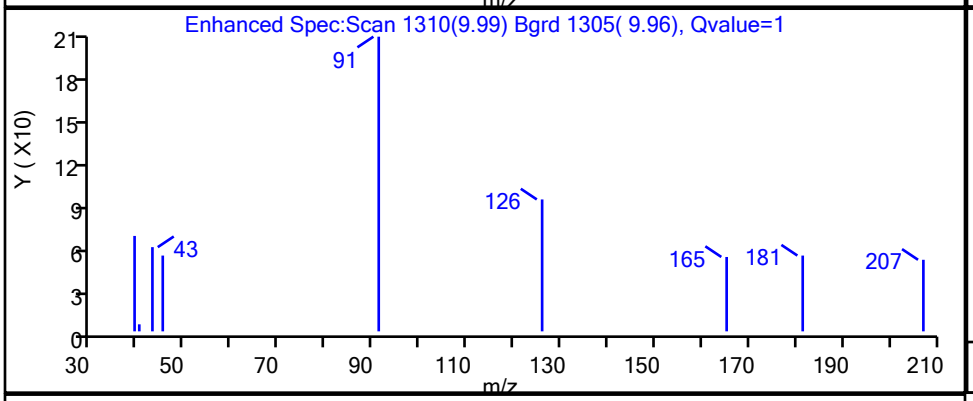
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

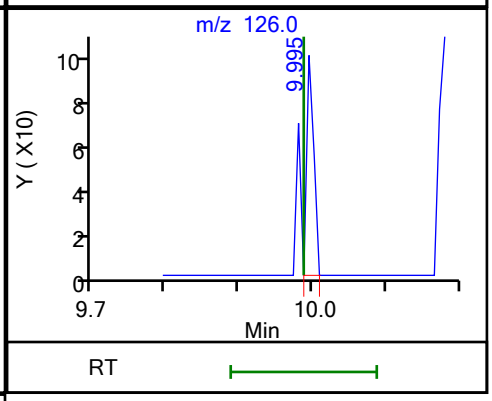
111 2-Chlorotoluene, CAS: 95-49-8

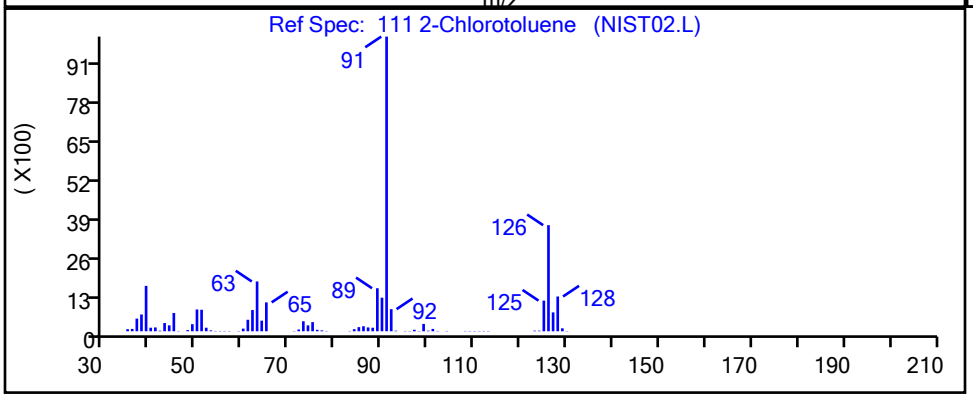
Processing Results











RT	Mass	Response	Amount
9.99	91.00	404	0.037811
9.99	126.00	62	

Reviewer: boykink, 27-Apr-2021 23:40:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

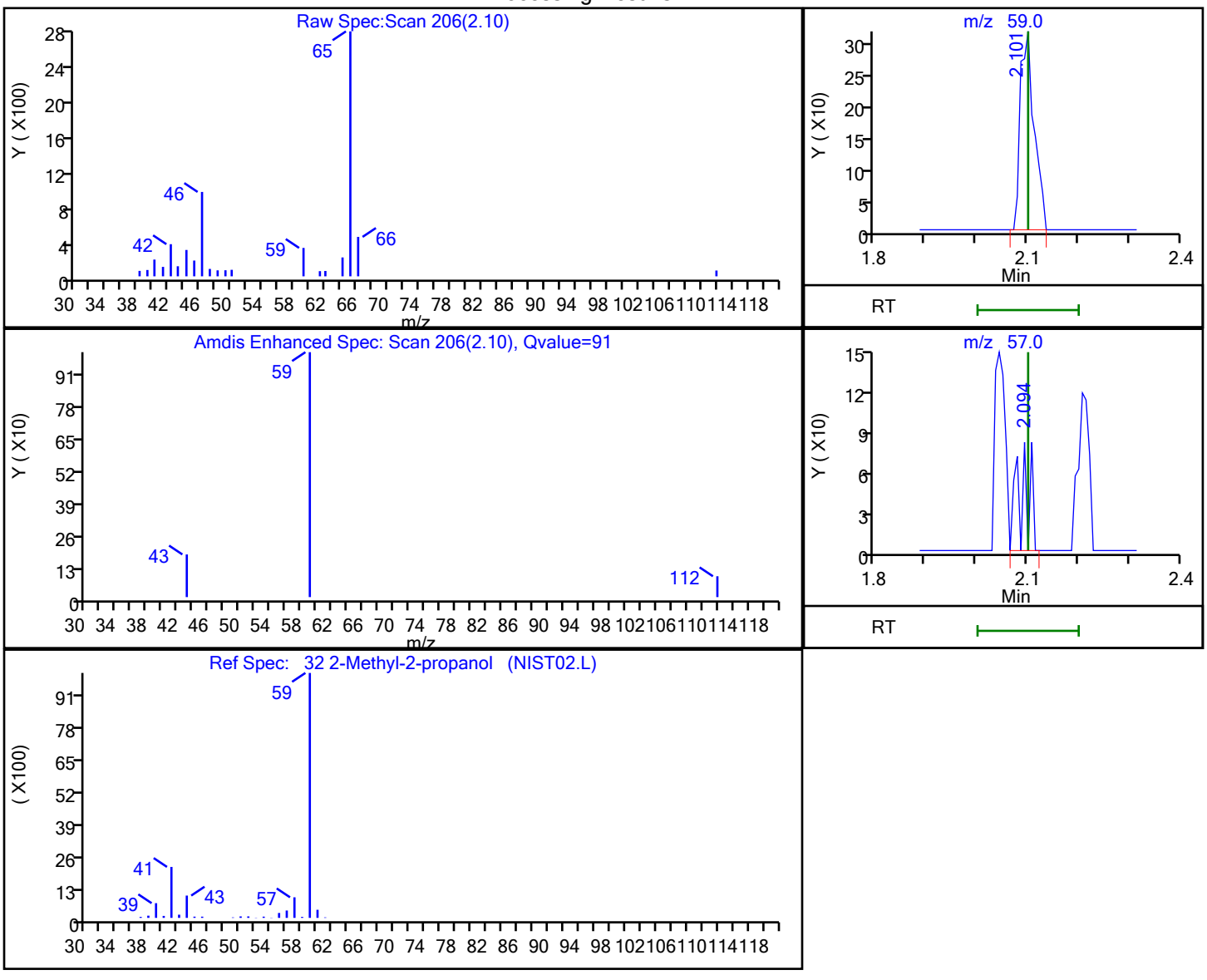
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.10	59.00	608	1.843212
2.09	57.00	116	

Reviewer: boykink, 27-Apr-2021 23:39:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

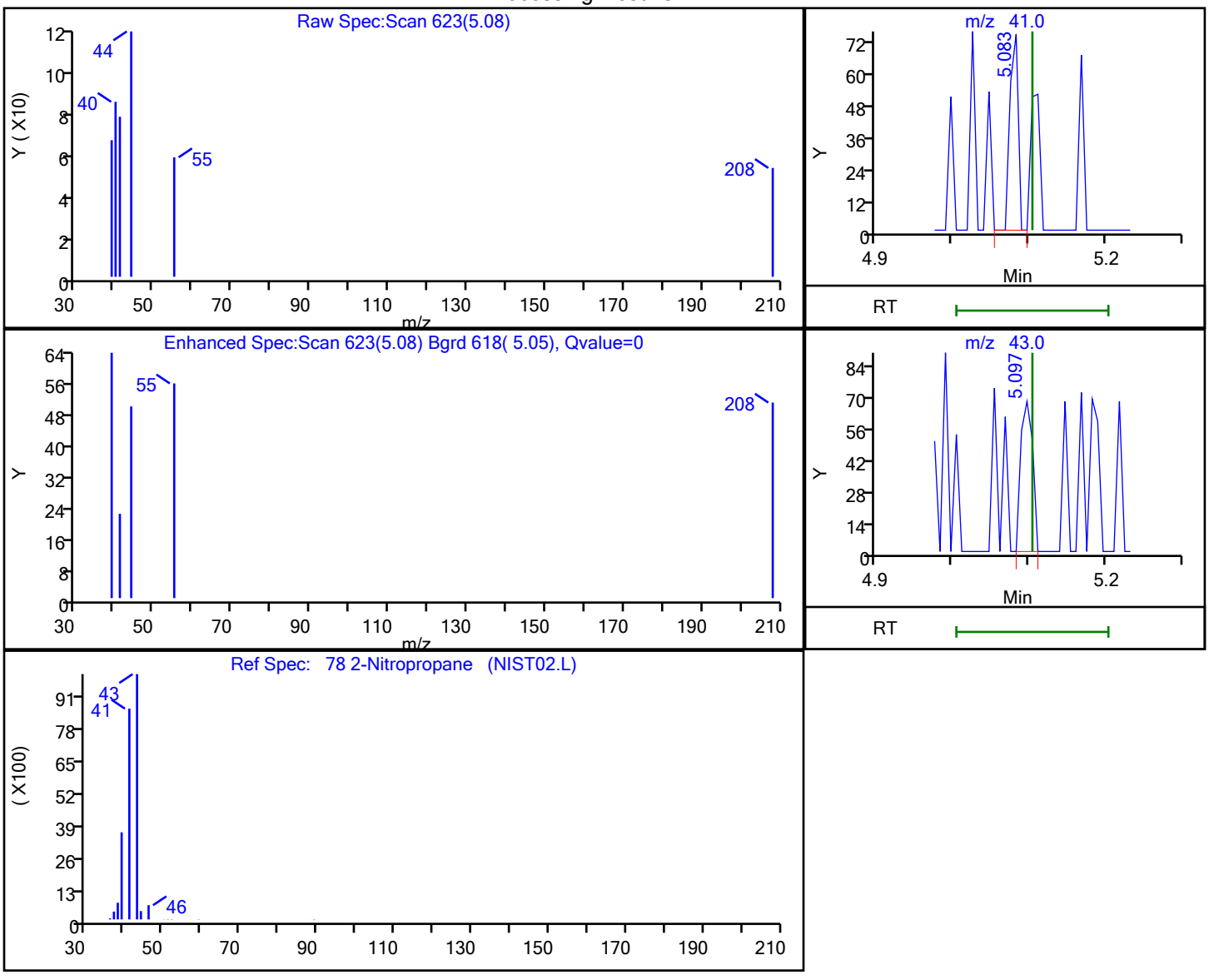
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
5.08	41.00	57	0.078355
5.10	43.00	74	

Reviewer: boykink, 27-Apr-2021 23:39:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

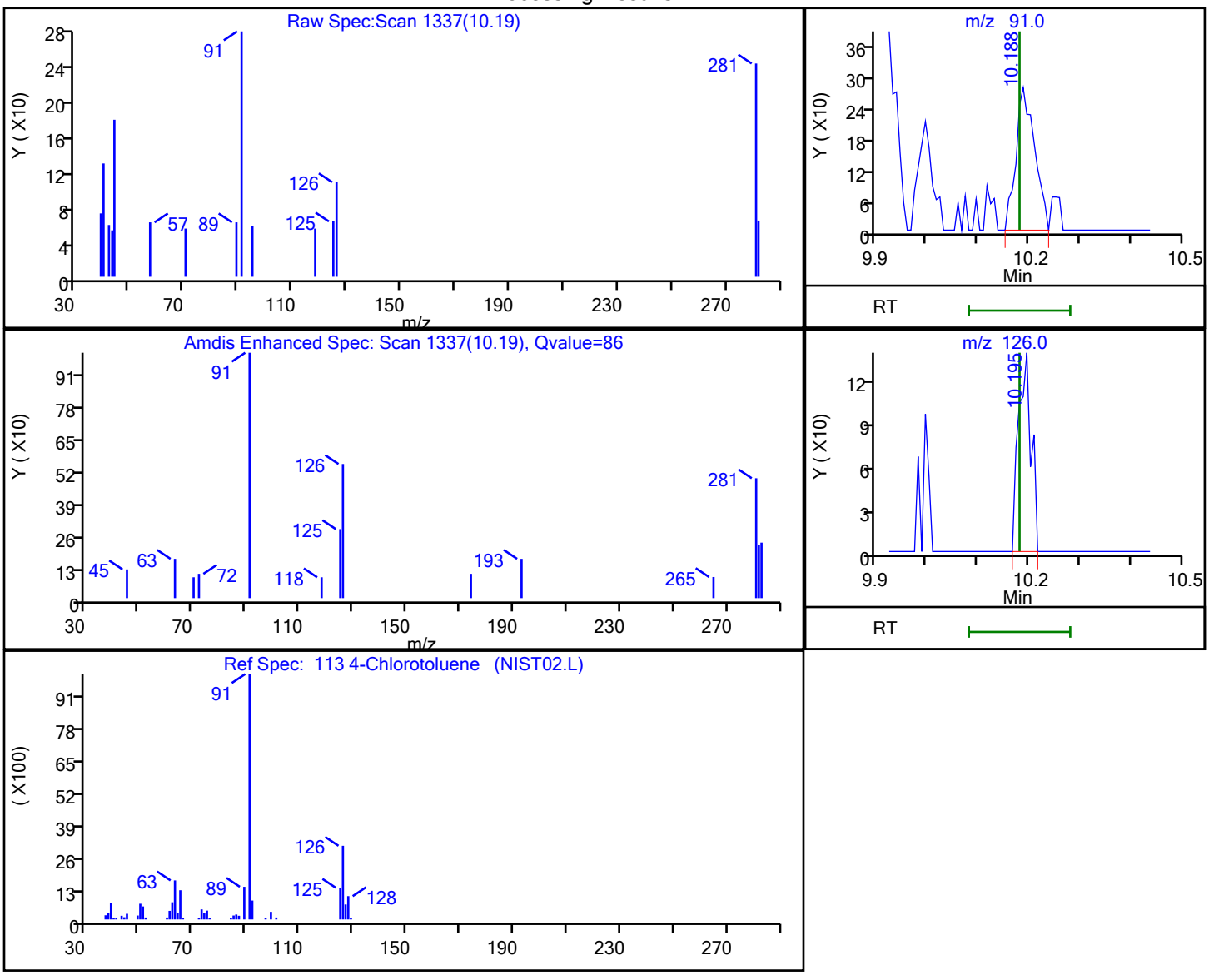
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

113 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.19	91.00	710	0.065094
10.19	126.00	237	

Reviewer: boykink, 27-Apr-2021 23:40:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

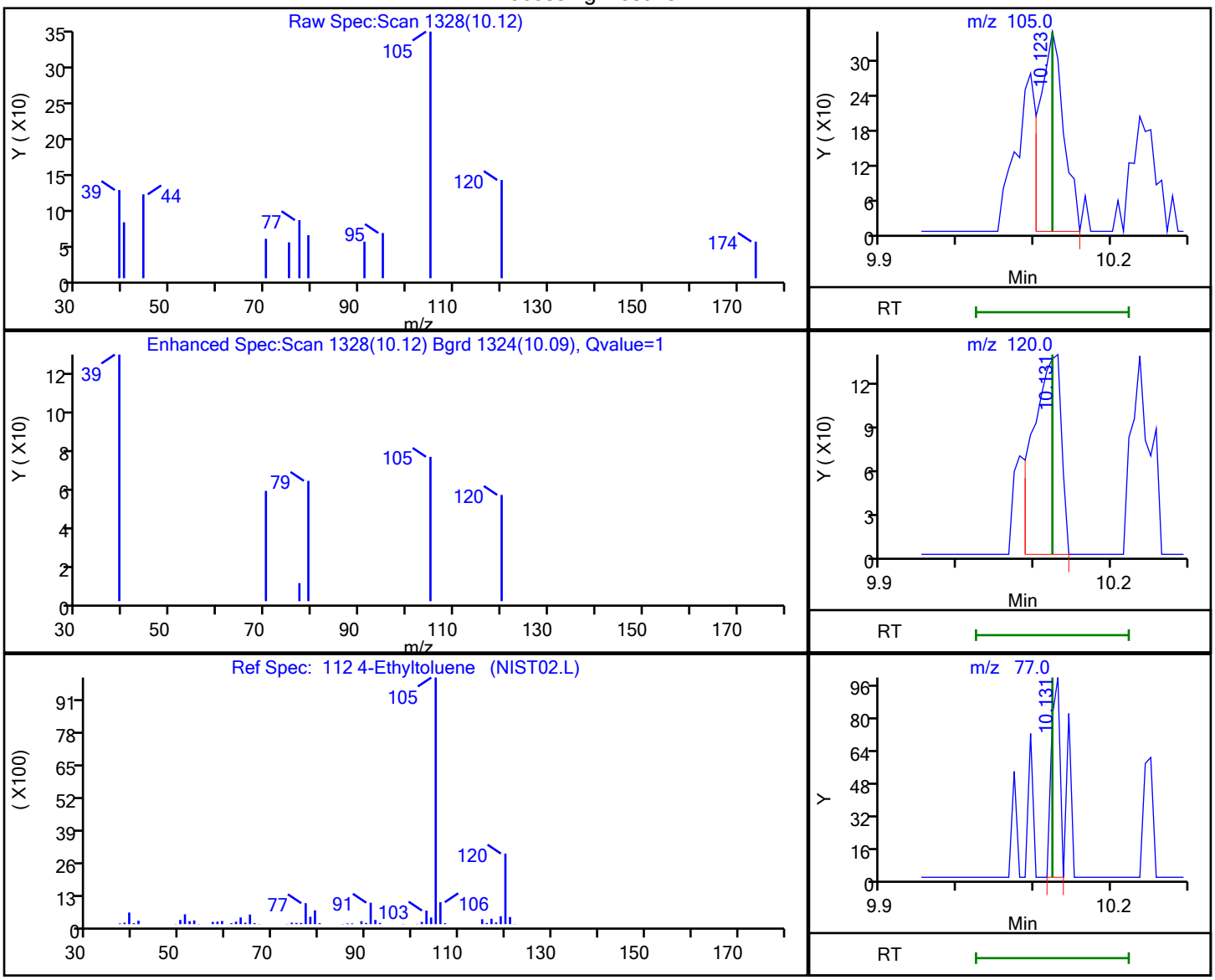
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.12	105.00	739	0.055972
10.13	120.00	350	
10.13	77.00	78	

Reviewer: boykink, 27-Apr-2021 23:40:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

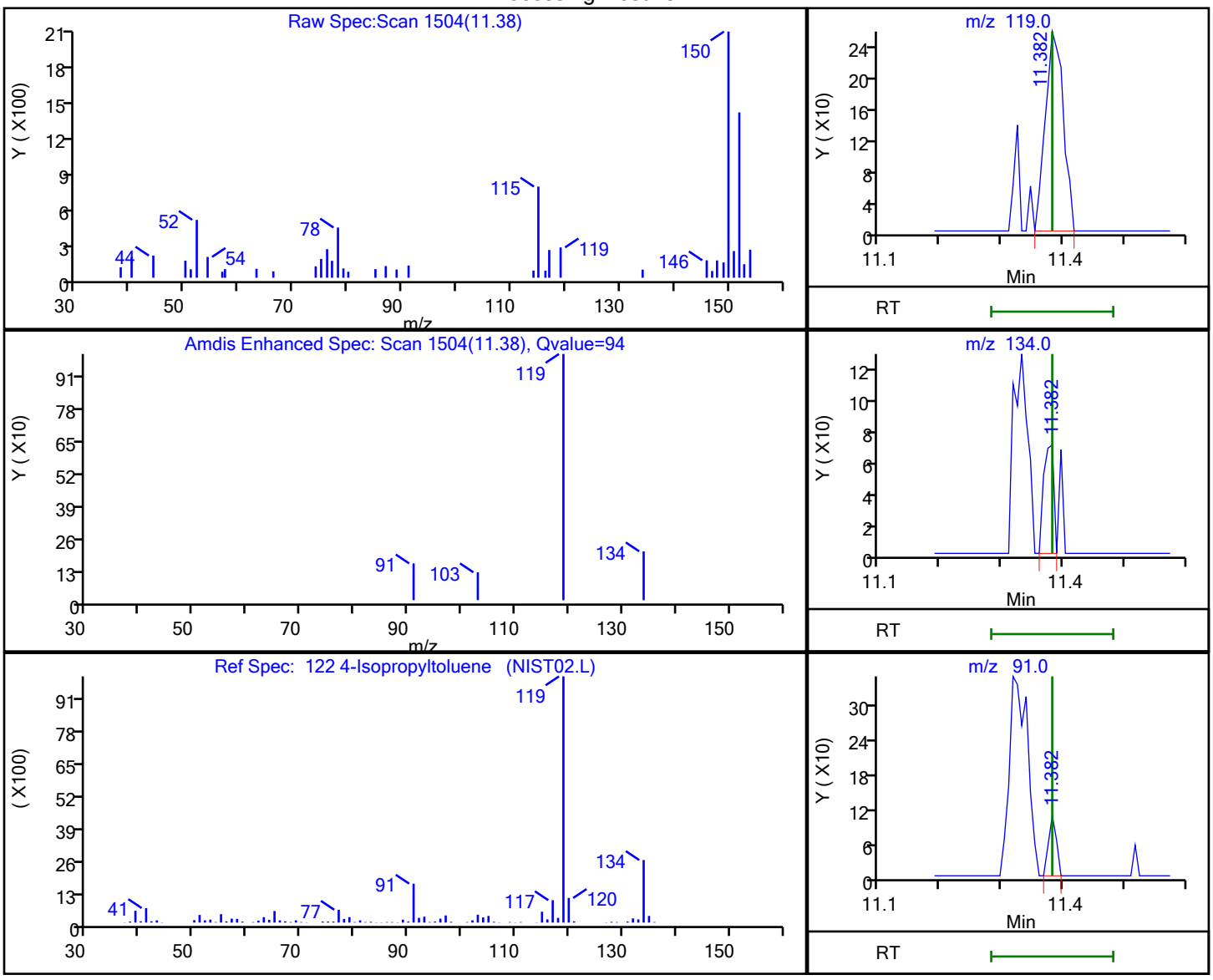
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
11.38	119.00	527	0.050064
11.38	134.00	80	
11.38	91.00	93	

Reviewer: boykink, 27-Apr-2021 23:40:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

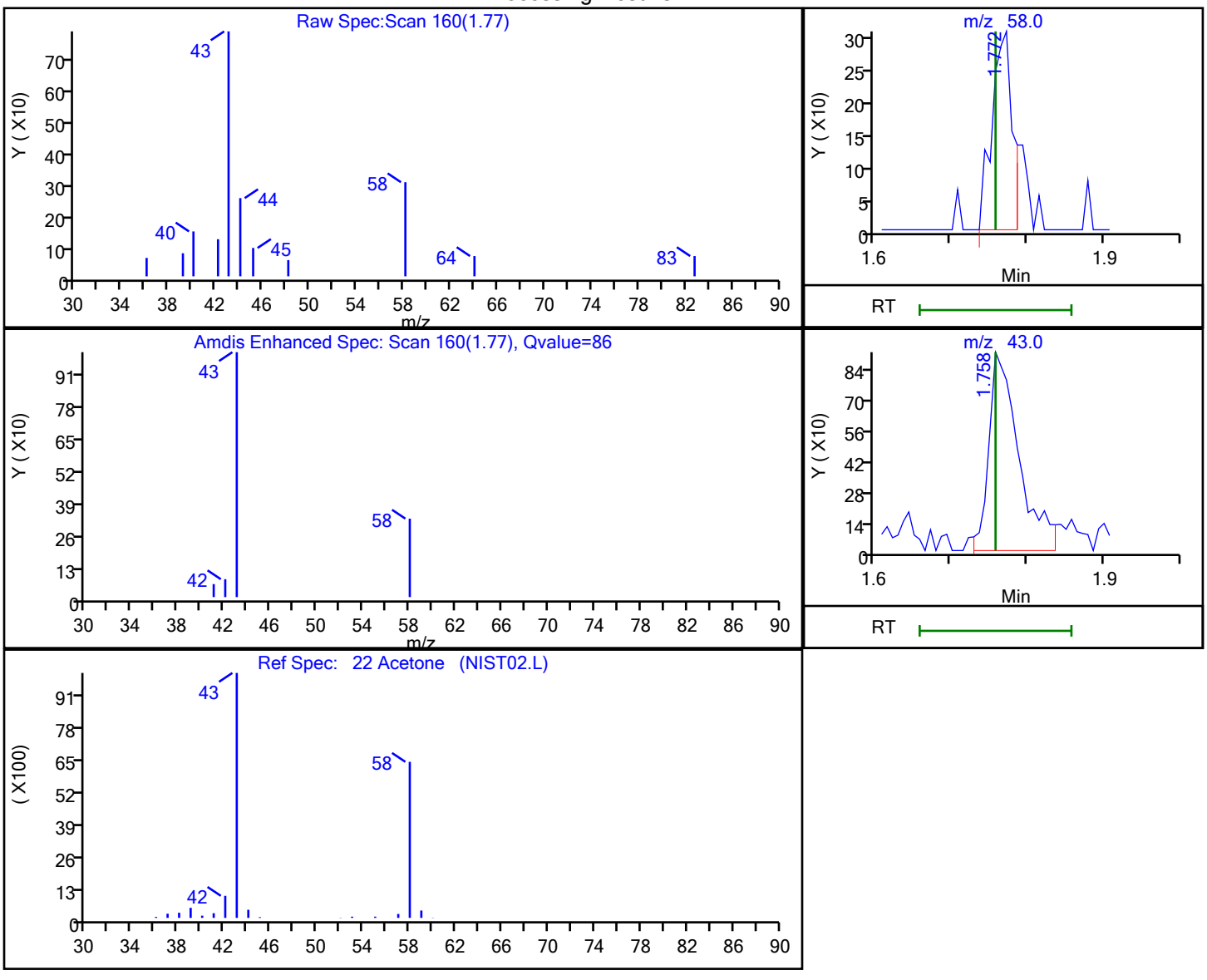
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.77	58.00	570	2.106631
1.76	43.00	2521	

Reviewer: boykink, 27-Apr-2021 23:39:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

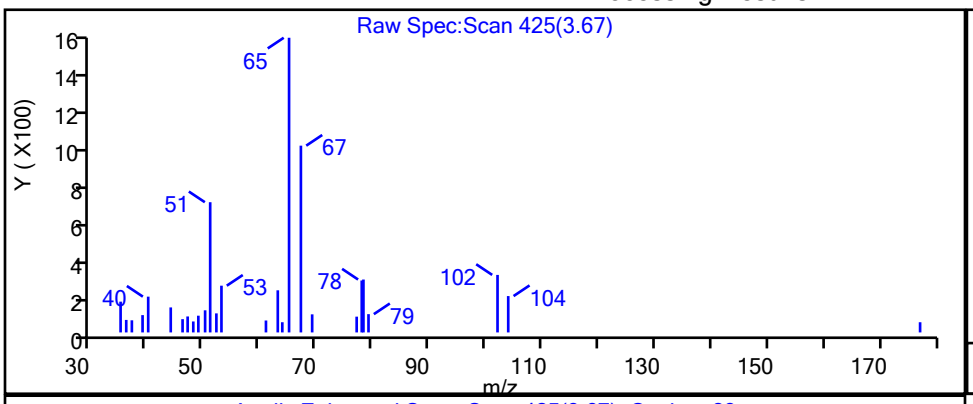
User Disabled Compound Report

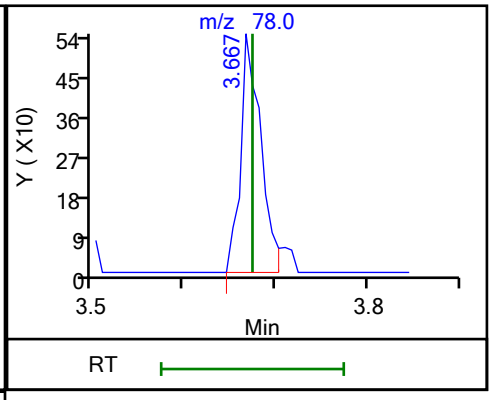
Eurofins TestAmerica, Edison

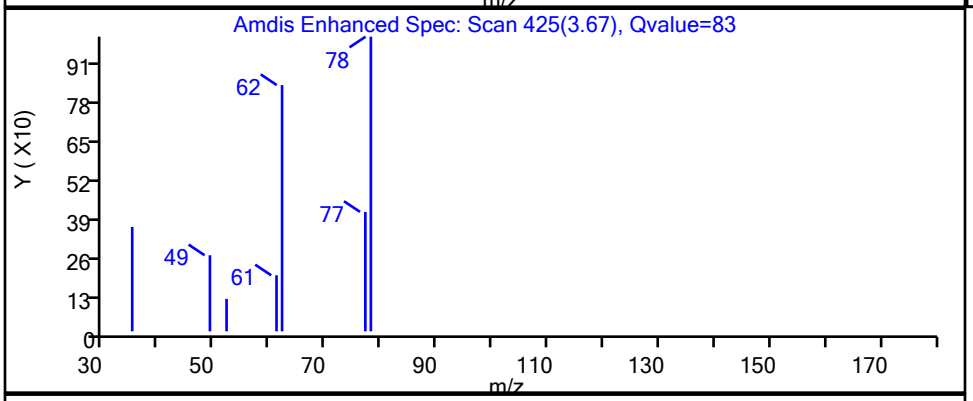
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D		
Injection Date:	27-Apr-2021 22:40:30	Instrument ID:	CVOAMS12
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	3 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

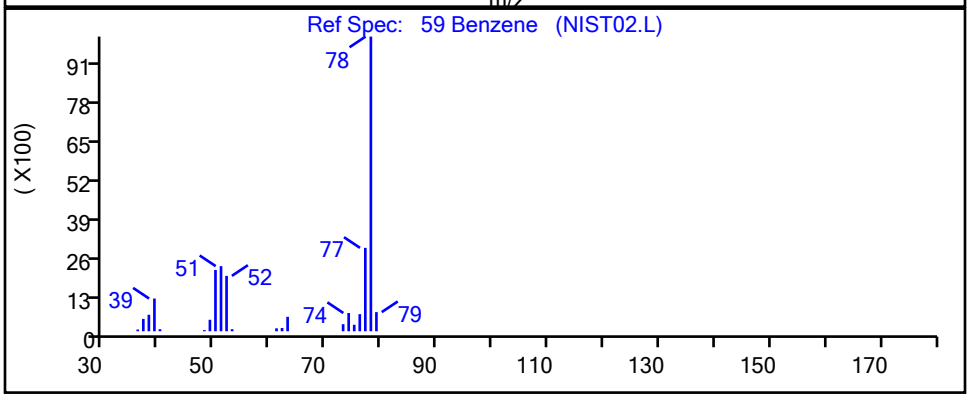
59 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
3.67	78.00	834	0.067639

Reviewer: boykink, 27-Apr-2021 23:39:42

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

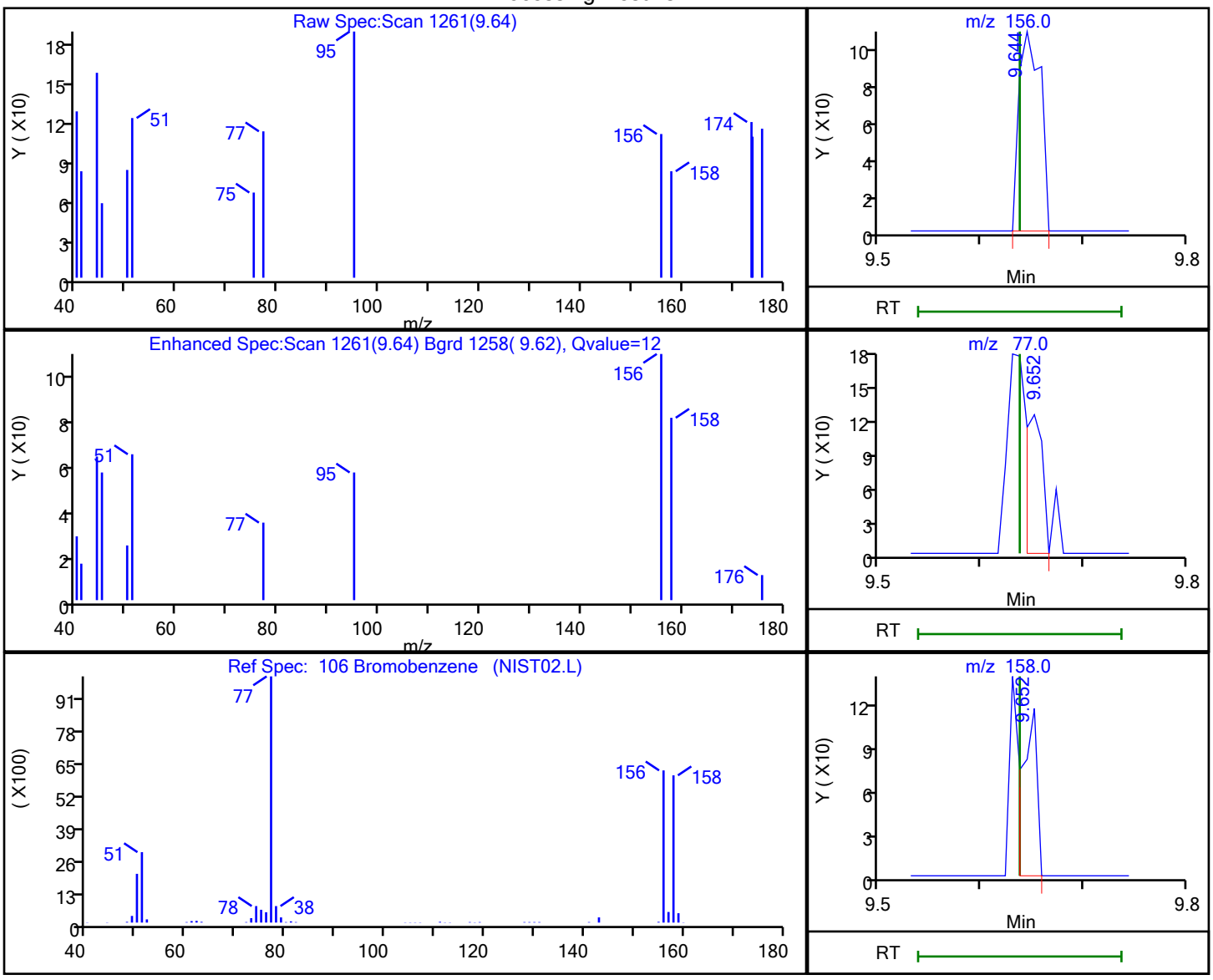
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.64	156.00	159	0.042982
9.65	77.00	141	
9.65	158.00	115	

Reviewer: boykink, 27-Apr-2021 23:40:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

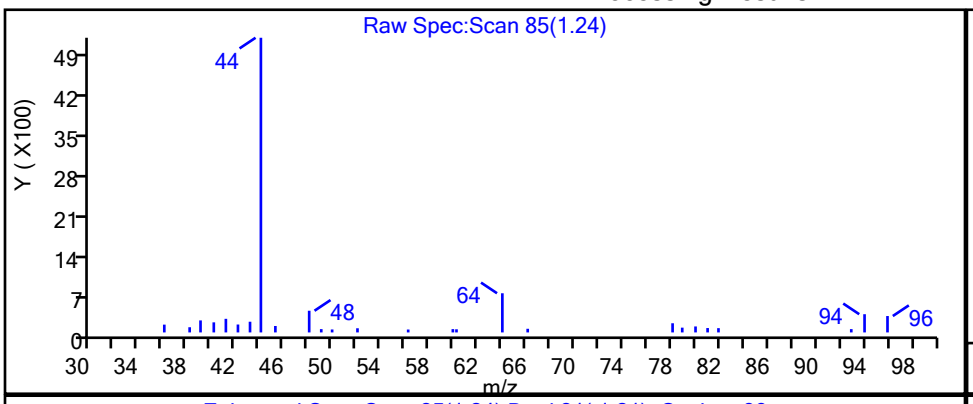
User Disabled Compound Report

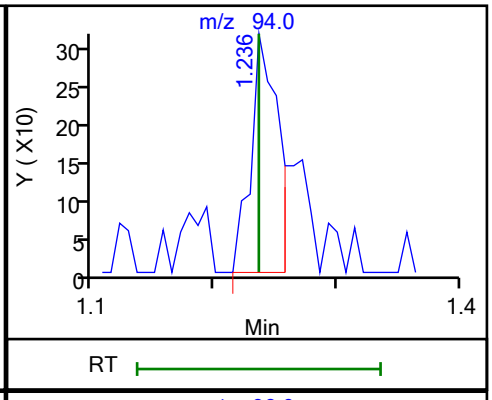
Eurofins TestAmerica, Edison

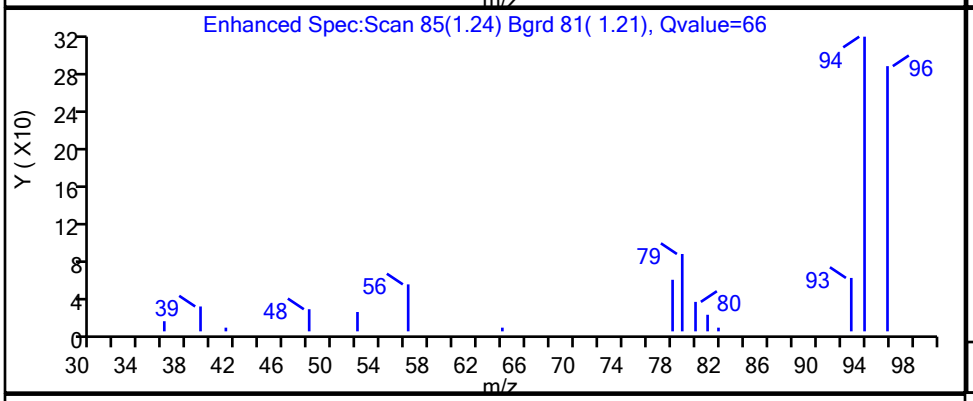
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

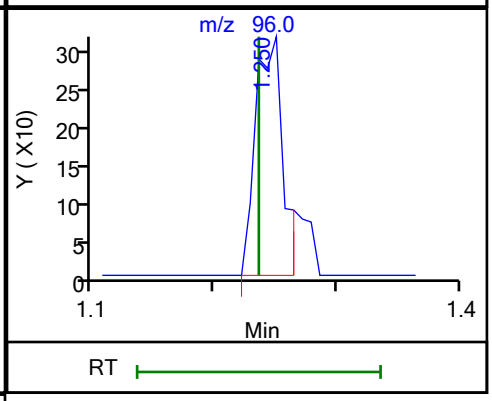
9 Bromomethane, CAS: 74-83-9

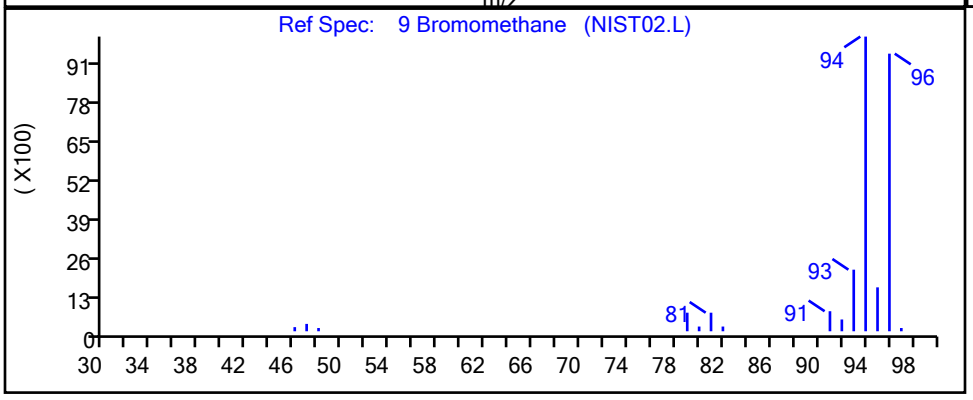
Processing Results











RT	Mass	Response	Amount
1.24	94.00	496	0.247056
1.25	96.00	495	

Reviewer: boykink, 27-Apr-2021 23:39:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

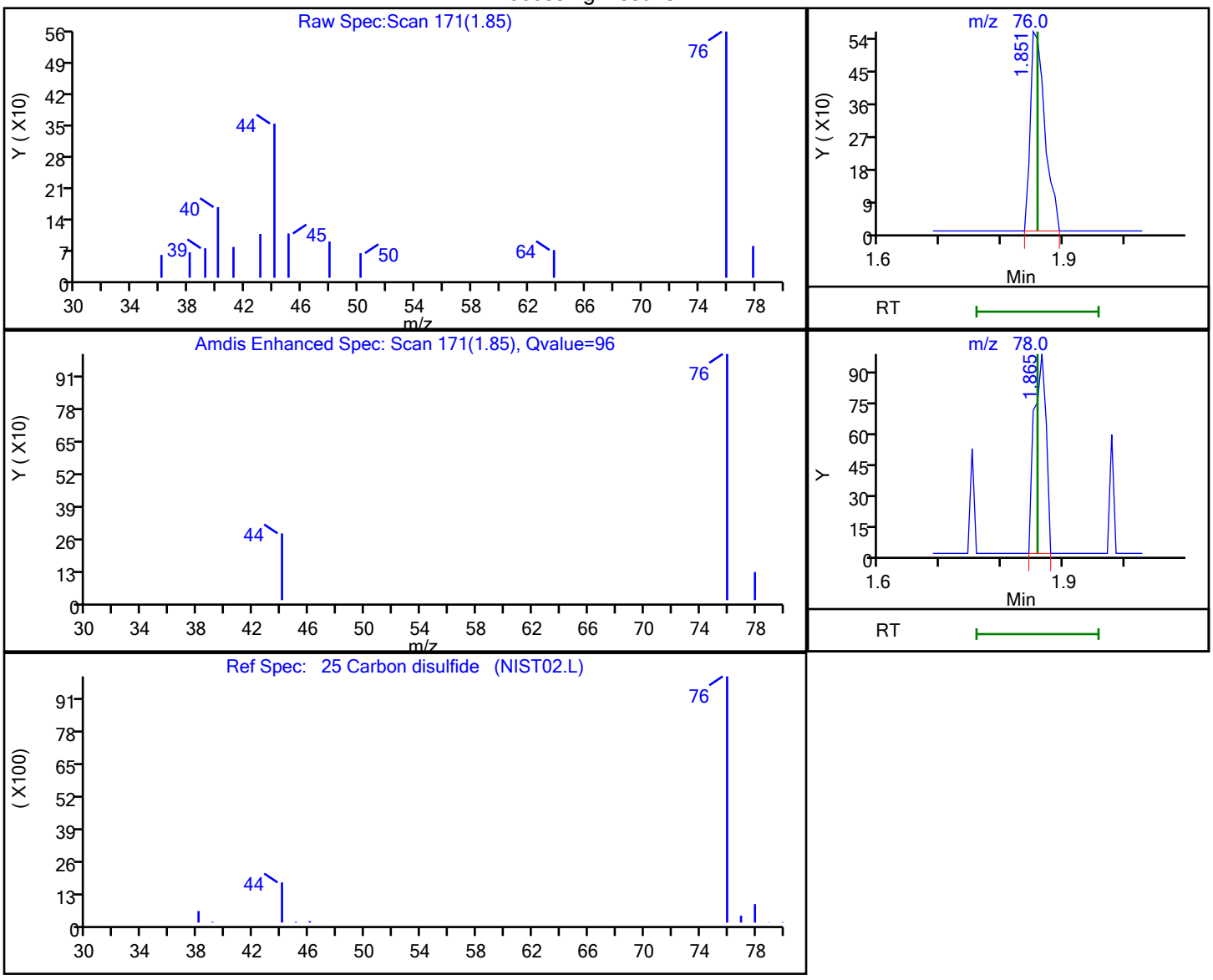
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
1.85	76.00	912	0.099409
1.86	78.00	133	

Reviewer: boykink, 27-Apr-2021 23:39:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

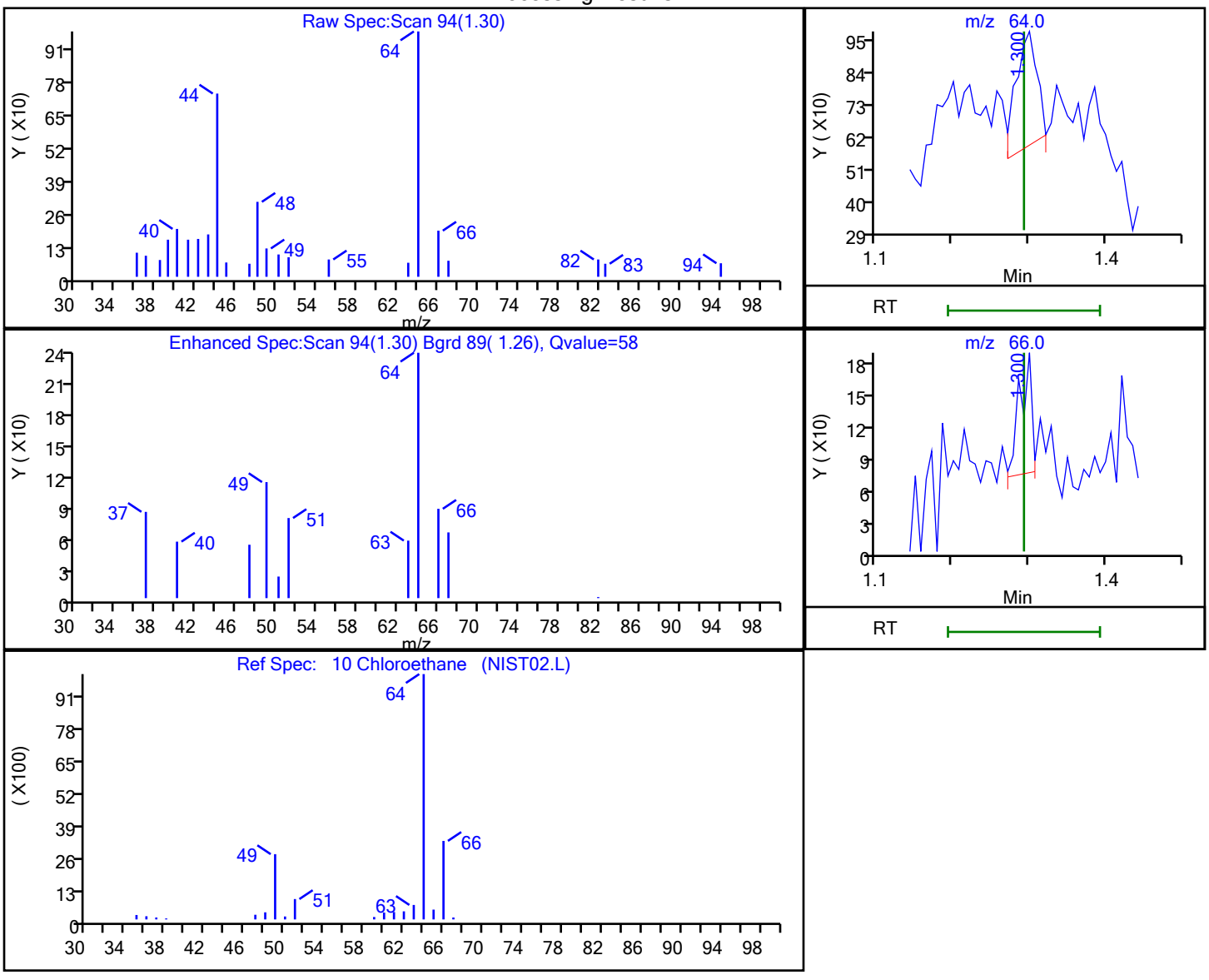
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.30	64.00	768	0.273560
1.30	66.00	123	

Reviewer: boykink, 27-Apr-2021 23:39:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

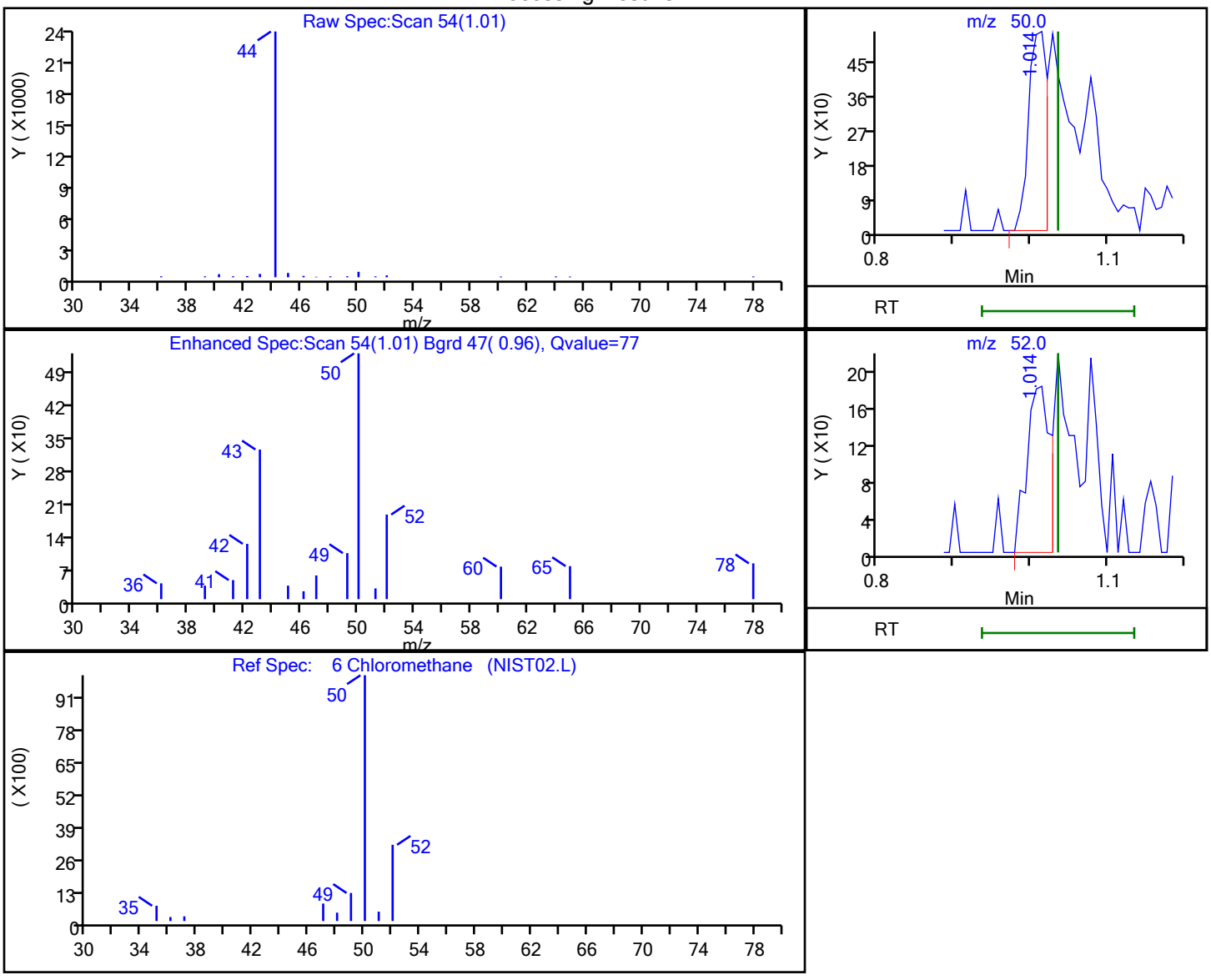
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.01	50.00	896	0.278780
1.01	52.00	390	

Reviewer: boykink, 27-Apr-2021 23:39:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

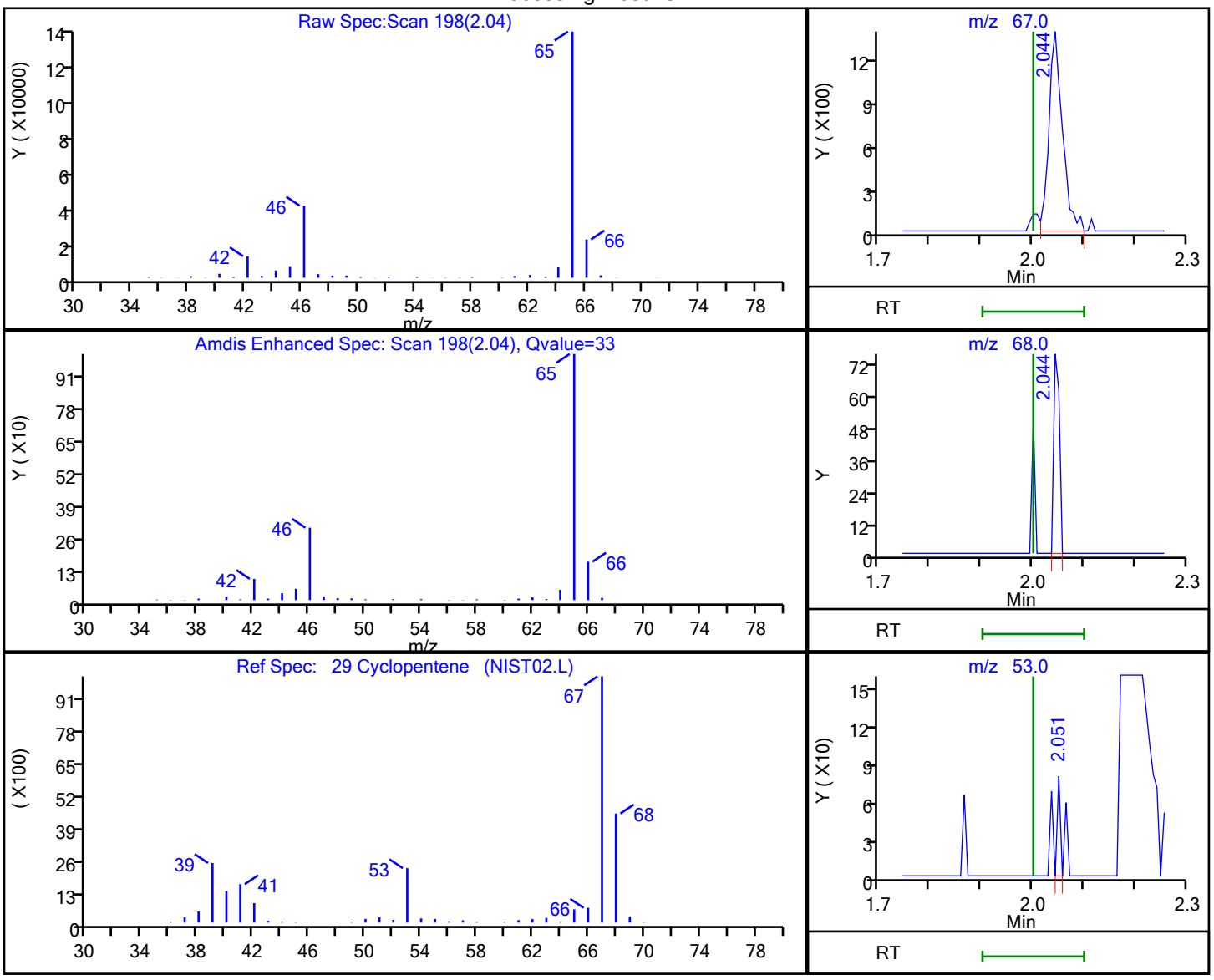
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.04	67.00	2444	0.360581
2.04	68.00	59	
2.05	53.00	34	

Reviewer: boykink, 27-Apr-2021 23:39:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

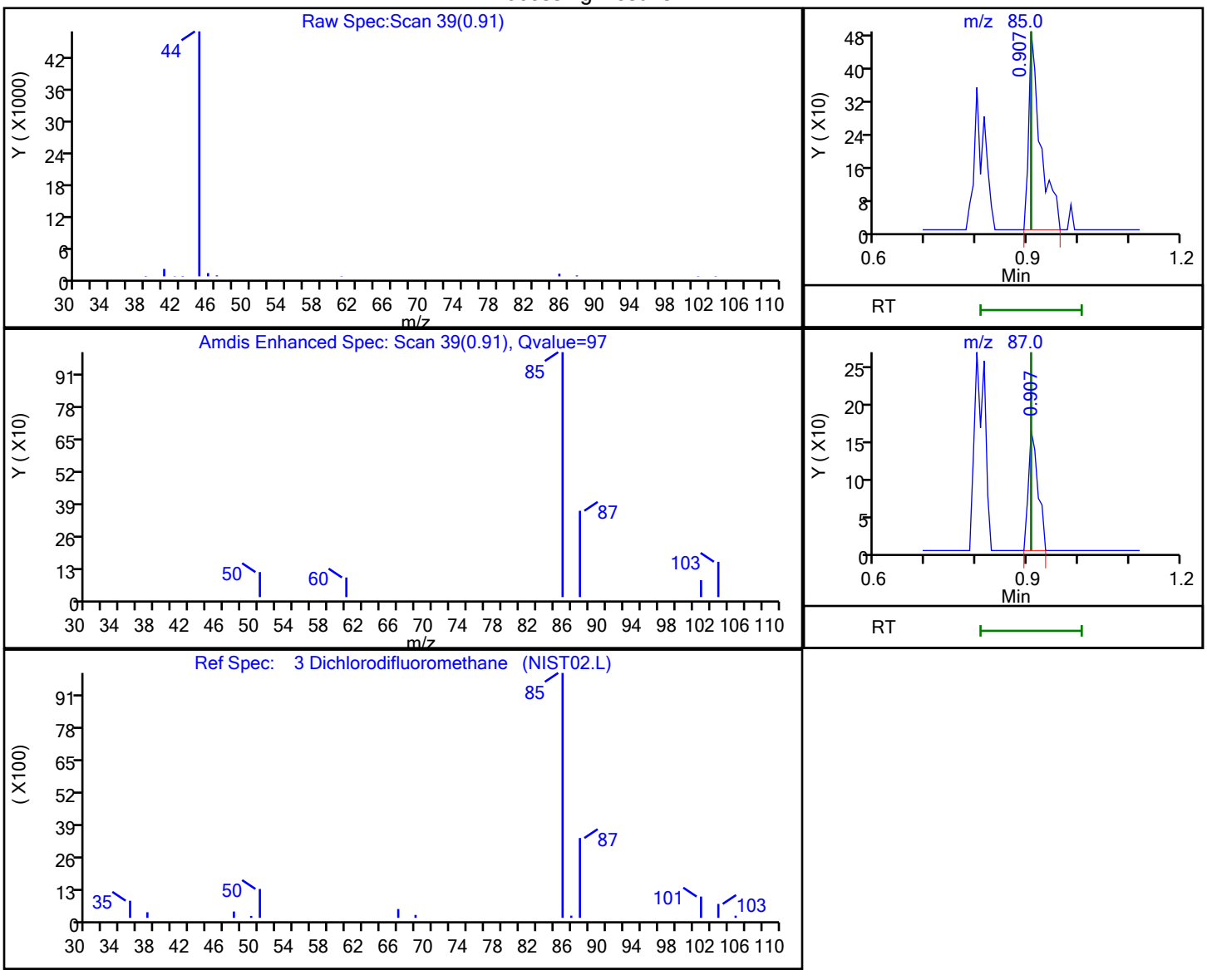
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.91	85.00	793	0.223916
0.91	87.00	216	

Reviewer: boykink, 27-Apr-2021 23:39:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

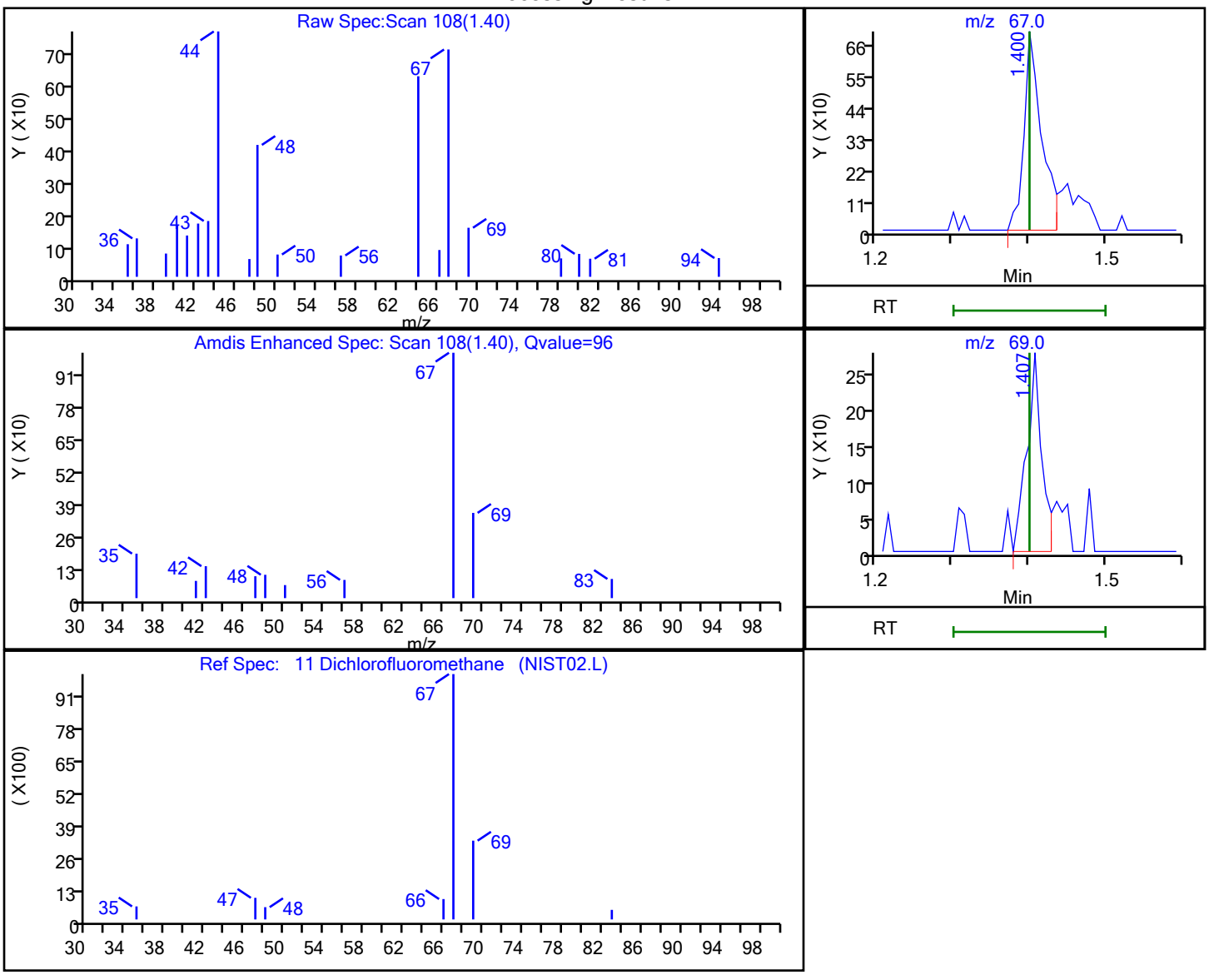
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.40	67.00	1143	0.240678
1.41	69.00	383	

Reviewer: boykink, 27-Apr-2021 23:39:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

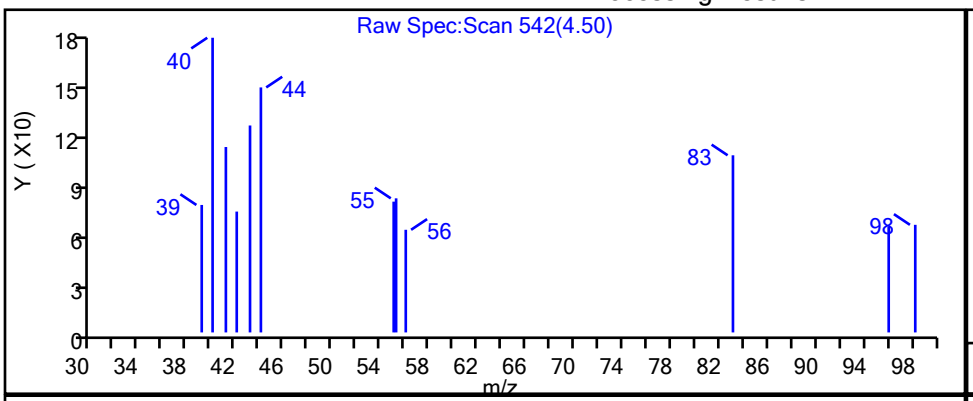
User Disabled Compound Report

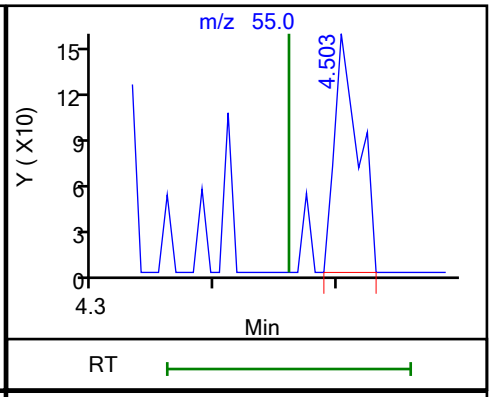
Eurofins TestAmerica, Edison

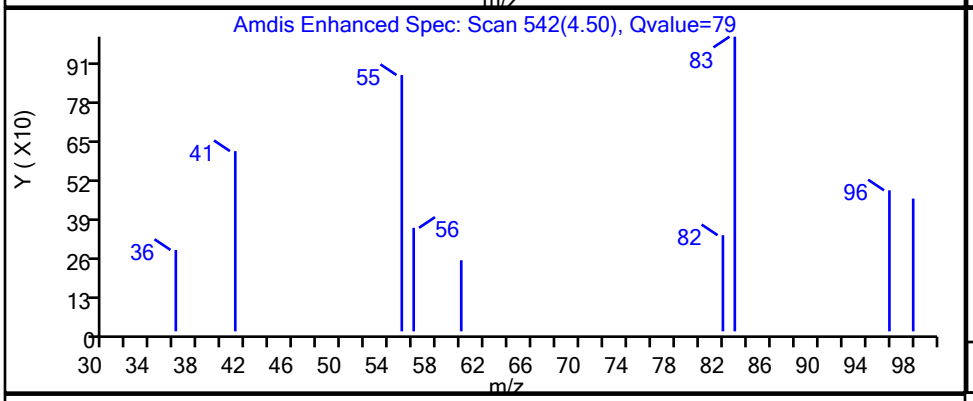
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

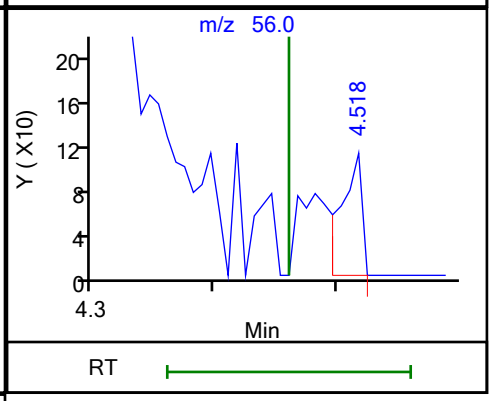
69 Ethyl acrylate, CAS: 140-88-5

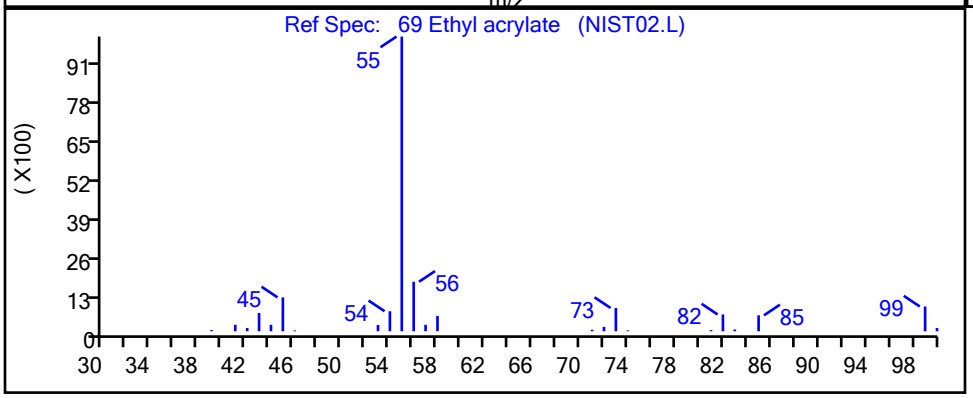
Processing Results











RT	Mass	Response	Amount
4.50	55.00	219	0.067470
4.52	56.00	129	

Reviewer: boykink, 27-Apr-2021 23:39:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

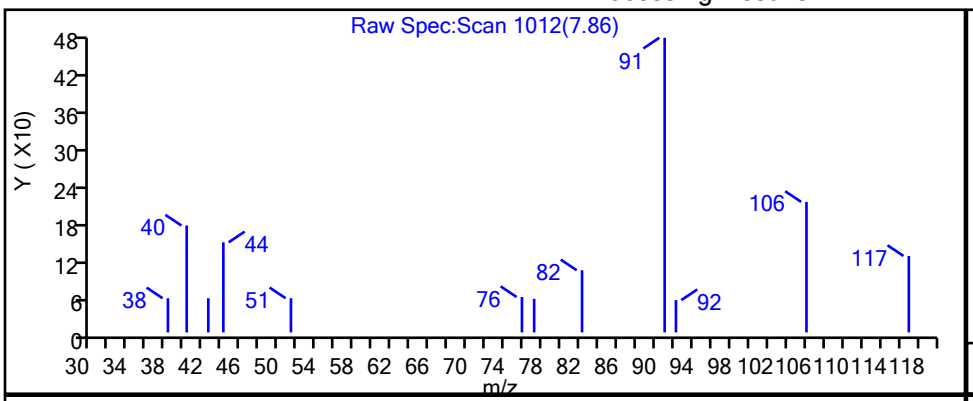
User Disabled Compound Report

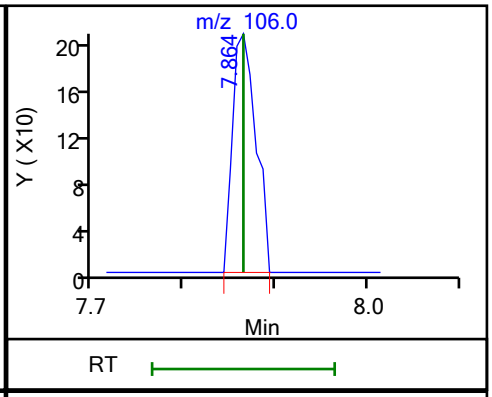
Eurofins TestAmerica, Edison

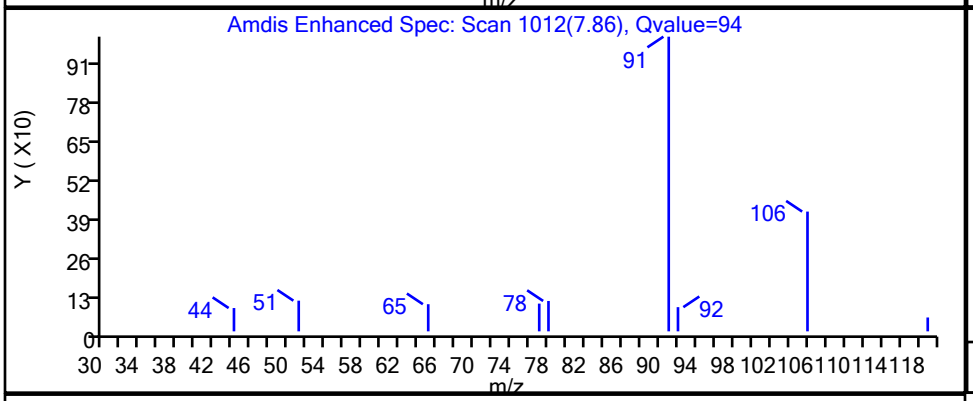
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

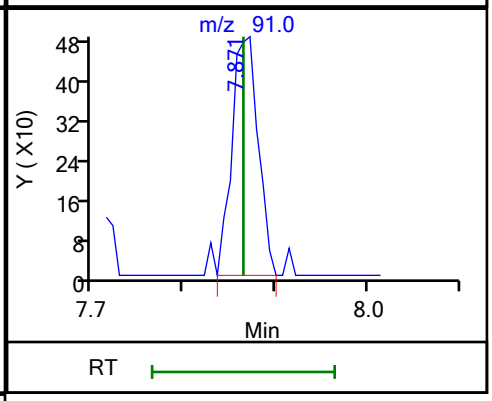
97 Ethylbenzene, CAS: 100-41-4

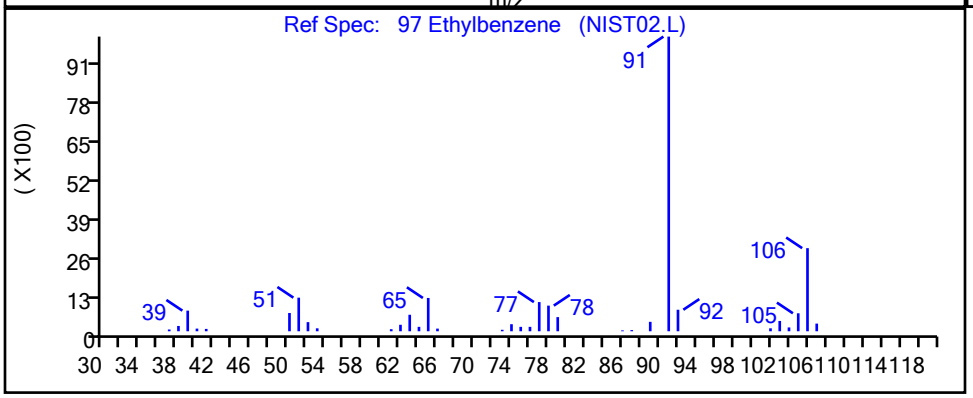
Processing Results











RT	Mass	Response	Amount
7.86	106.00	373	0.078912
7.87	91.00	967	

Reviewer: boykink, 27-Apr-2021 23:39:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

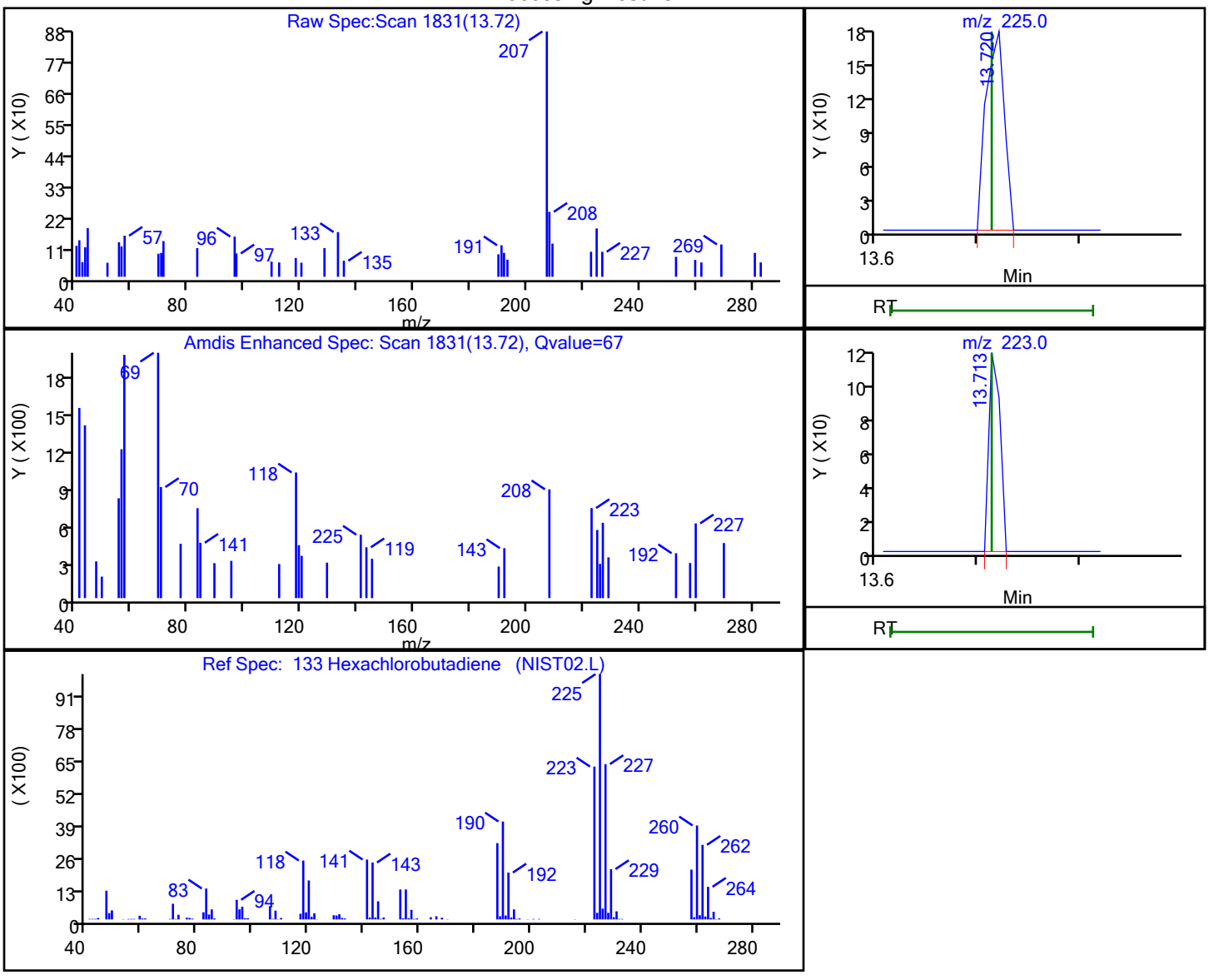
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

133 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
13.72	225.00	216	0.150166
13.71	223.00	88	

Reviewer: boykink, 27-Apr-2021 23:40:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

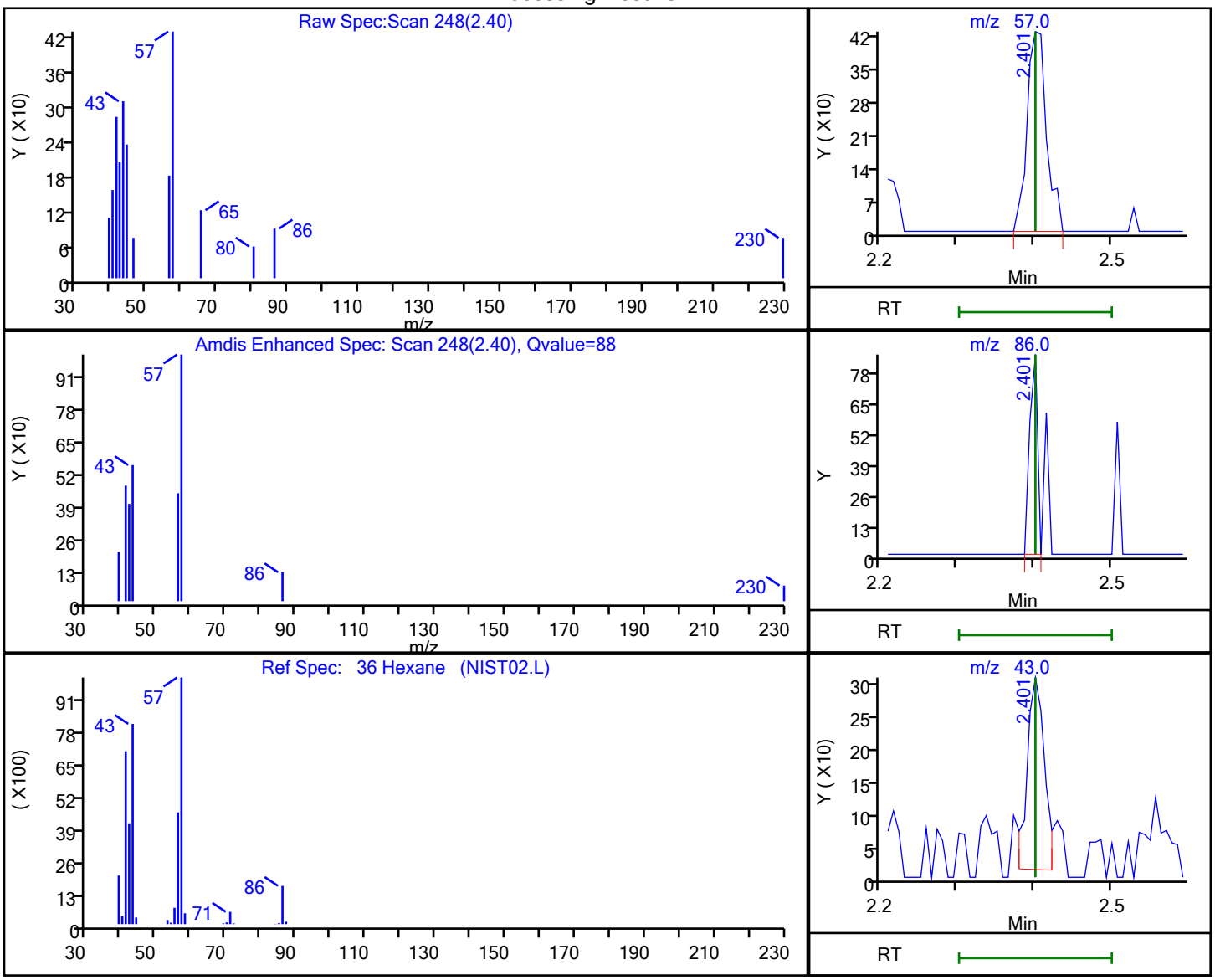
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.40	57.00	761	0.200457
2.40	86.00	62	
2.40	43.00	473	
2.41	56.00	311	

Reviewer: boykink, 27-Apr-2021 23:39:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

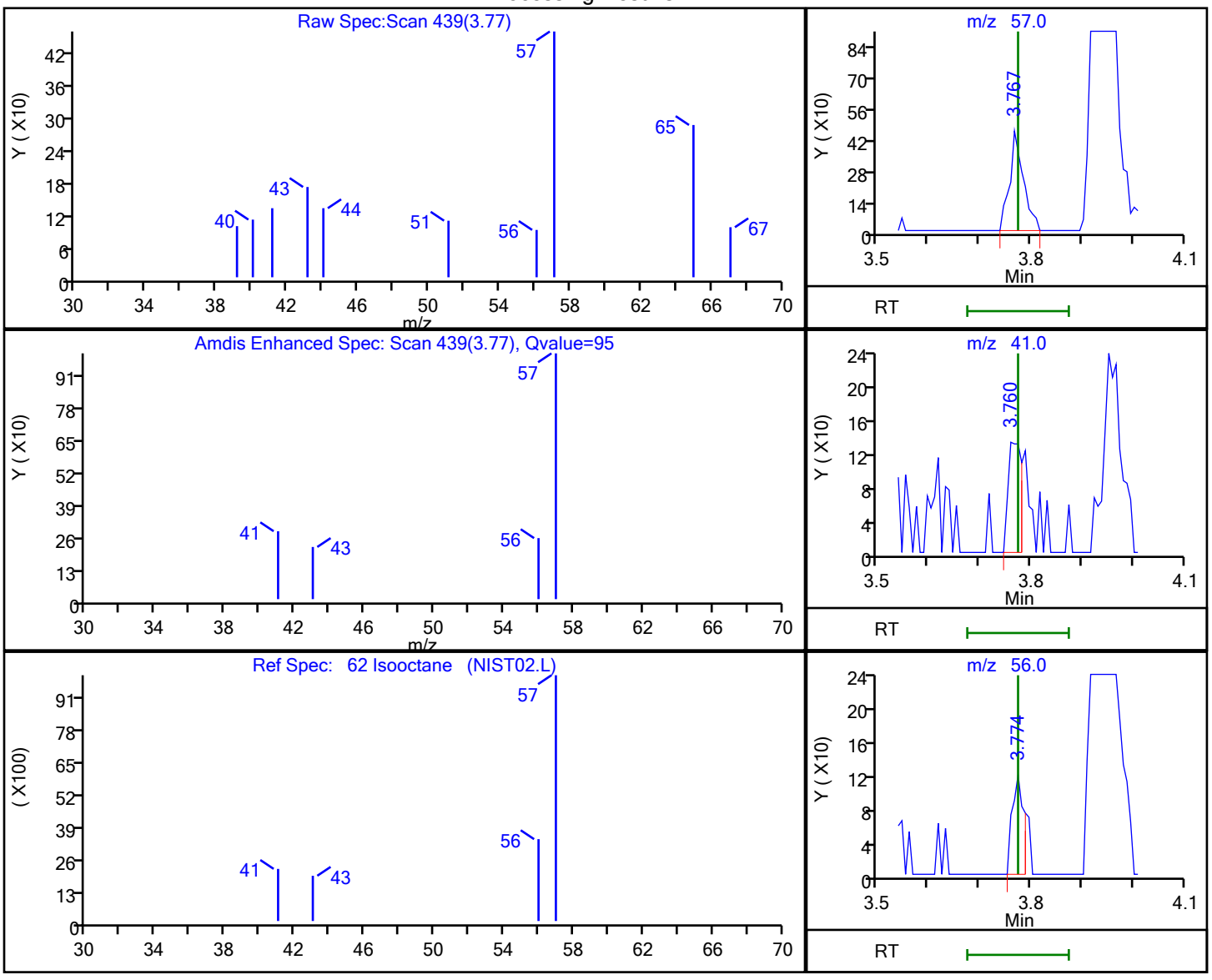
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

62 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.77	57.00	859	0.137190
3.76	41.00	236	
3.77	56.00	183	

Reviewer: boykink, 27-Apr-2021 23:39:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

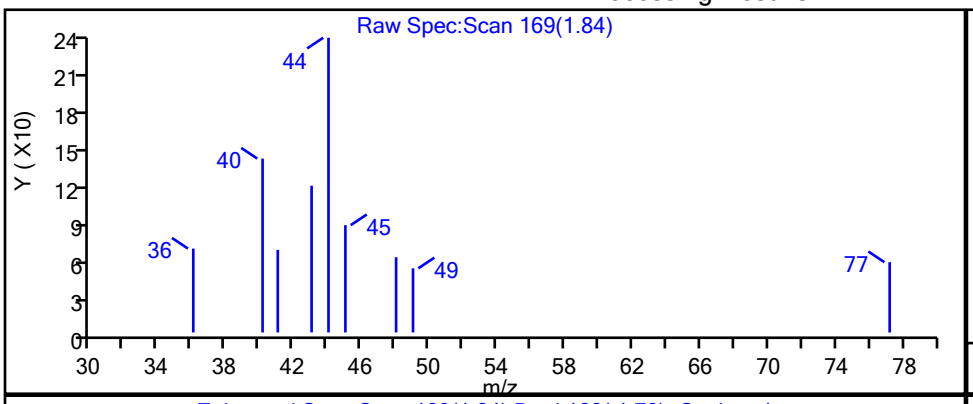
User Disabled Compound Report

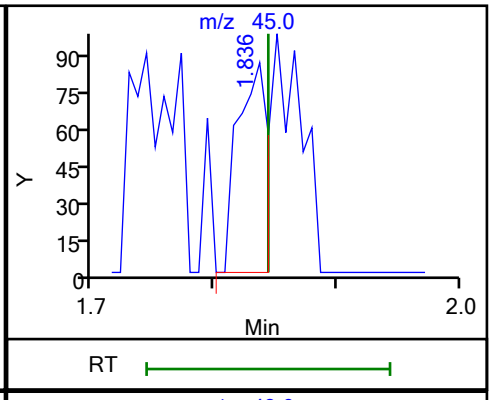
Eurofins TestAmerica, Edison

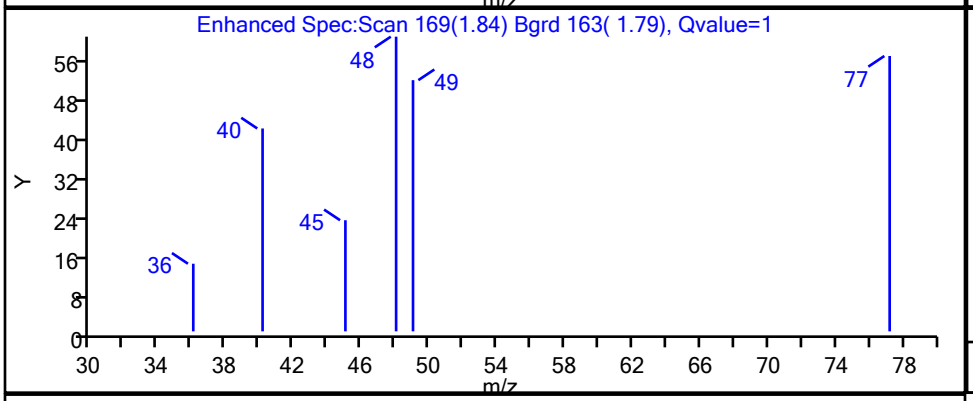
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

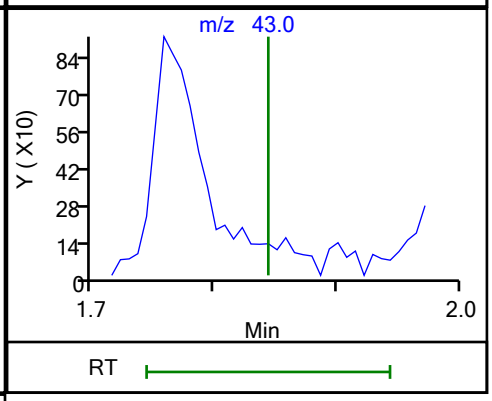
24 Isopropyl alcohol, CAS: 67-63-0

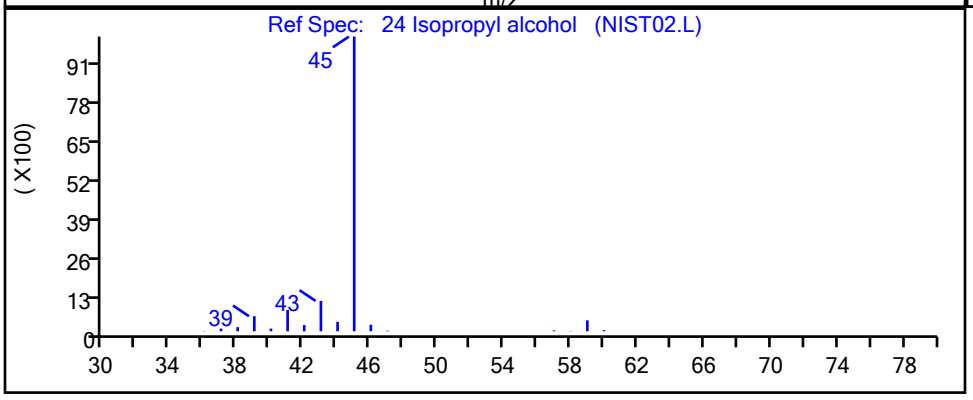
Processing Results











RT	Mass	Response	Amount
1.84	45.00	148	0.883731
1.84	43.00	0	

Reviewer: boykink, 27-Apr-2021 23:39:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

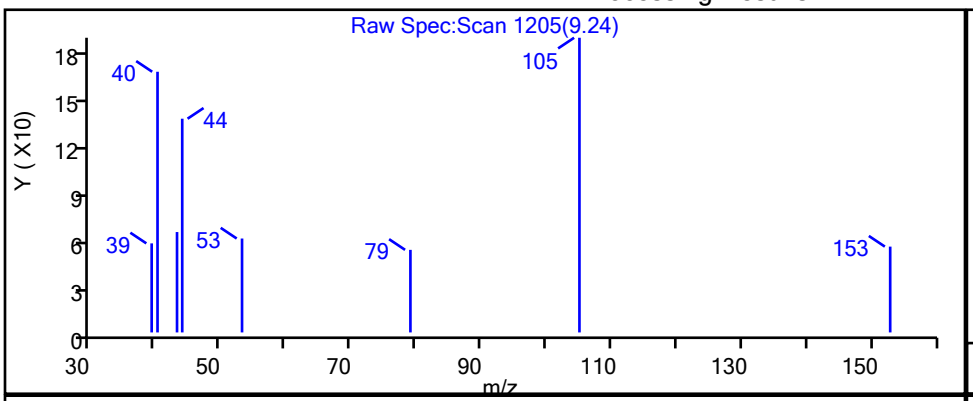
User Disabled Compound Report

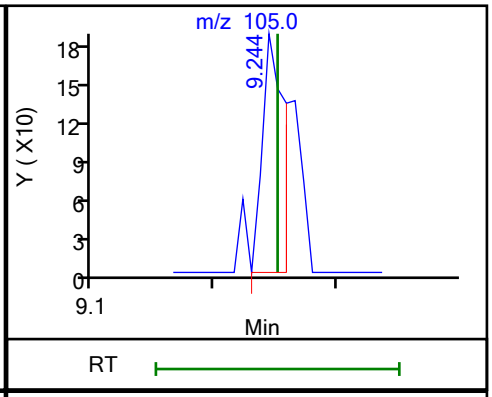
Eurofins TestAmerica, Edison

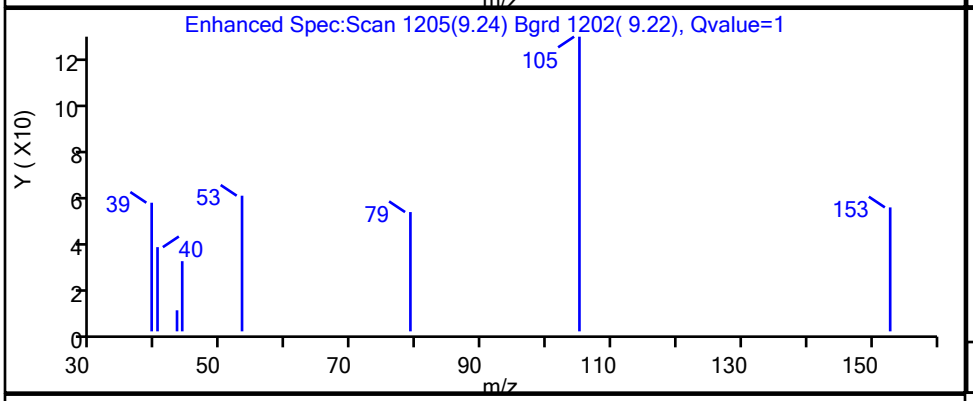
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D		
Injection Date:	27-Apr-2021 22:40:30	Instrument ID:	CVOAMS12
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	3 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

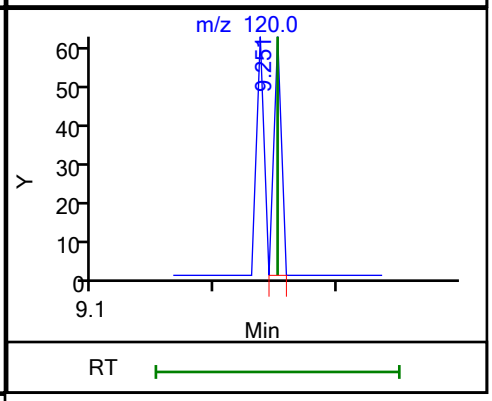
104 Isopropylbenzene, CAS: 98-82-8

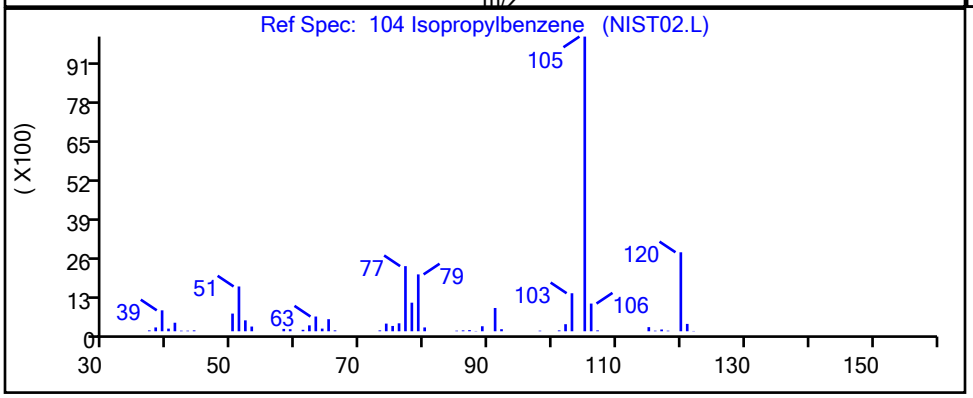
Processing Results











RT	Mass	Response	Amount
9.24	105.00	225	0.015948
9.25	120.00	27	

Reviewer: boykink, 27-Apr-2021 23:40:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

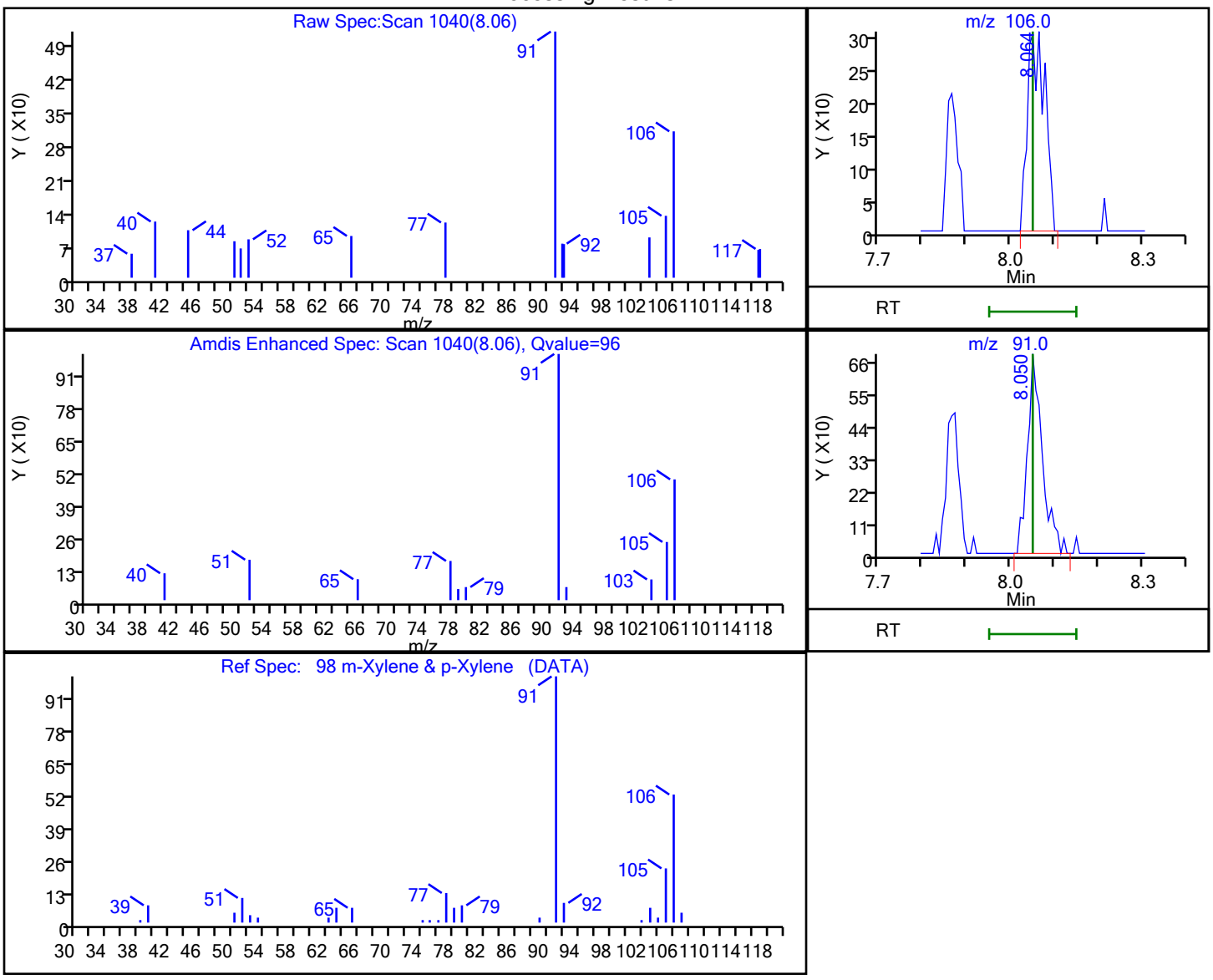
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.06	106.00	847	0.145011
8.05	91.00	1636	

Reviewer: boykink, 27-Apr-2021 23:39:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

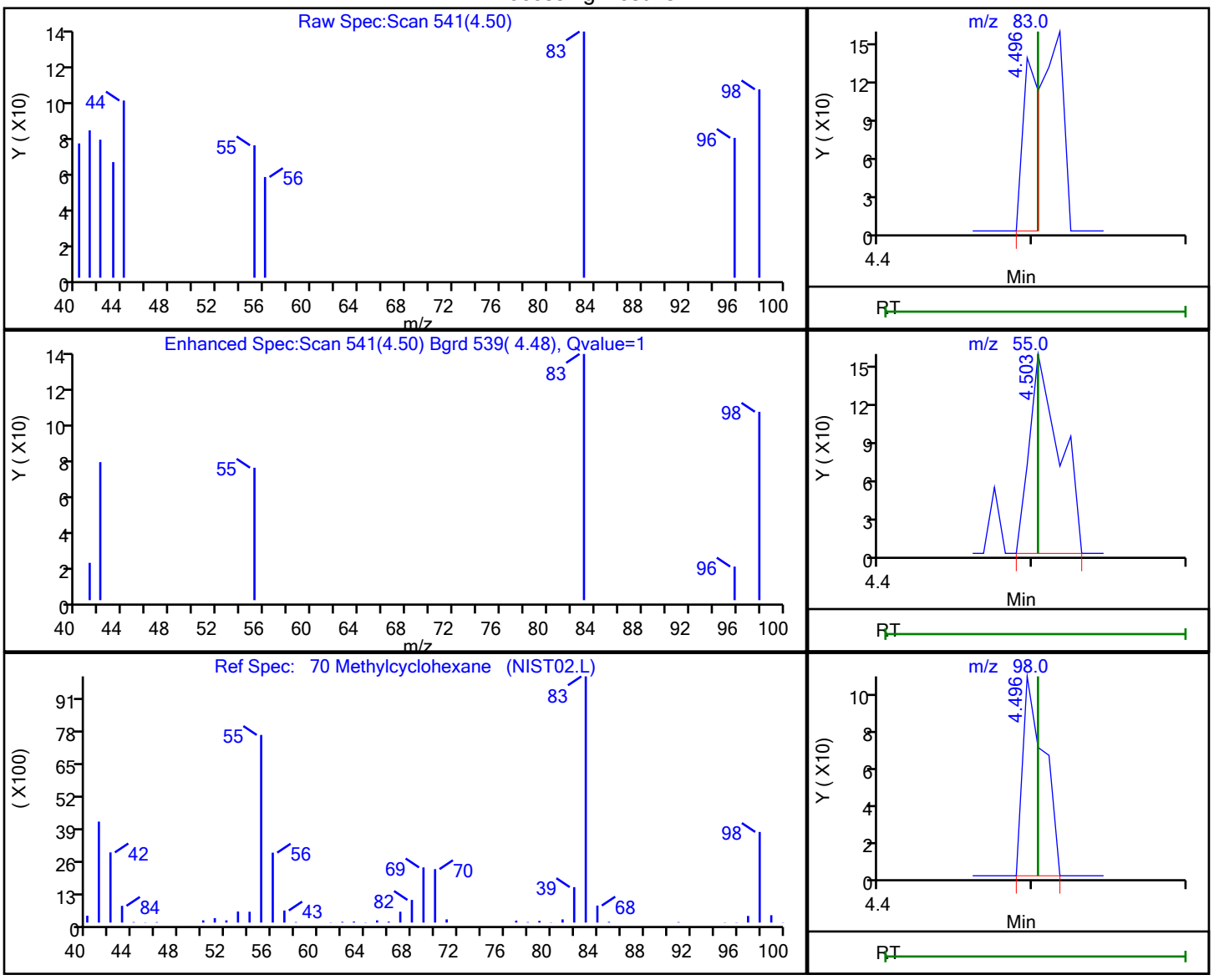
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
4.50	83.00	103	0.024116
4.50	55.00	219	
4.50	98.00	97	

Reviewer: boykink, 27-Apr-2021 23:39:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

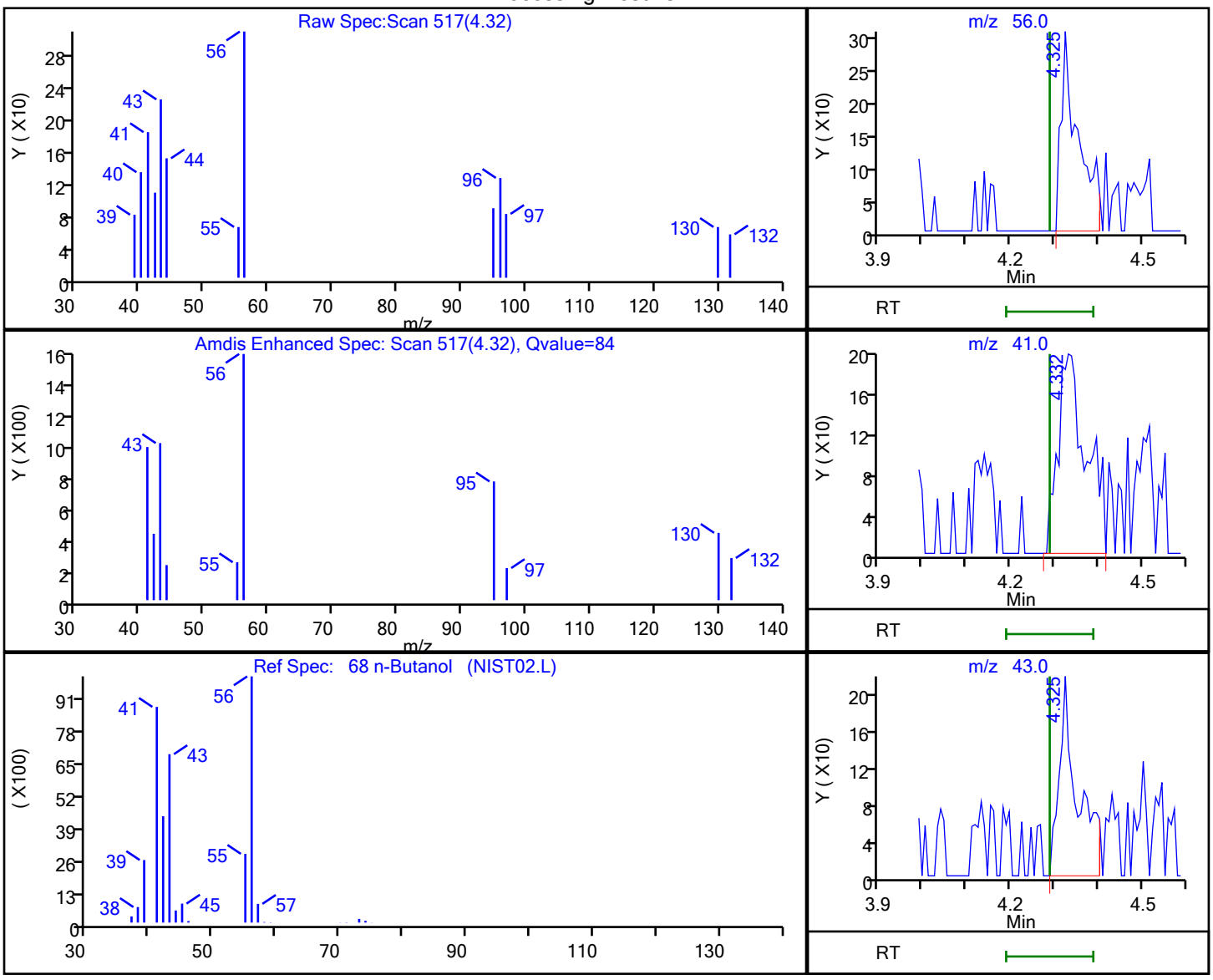
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.32	56.00	831	6.970254
4.33	41.00	869	
4.32	43.00	639	

Reviewer: boykink, 27-Apr-2021 23:39:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

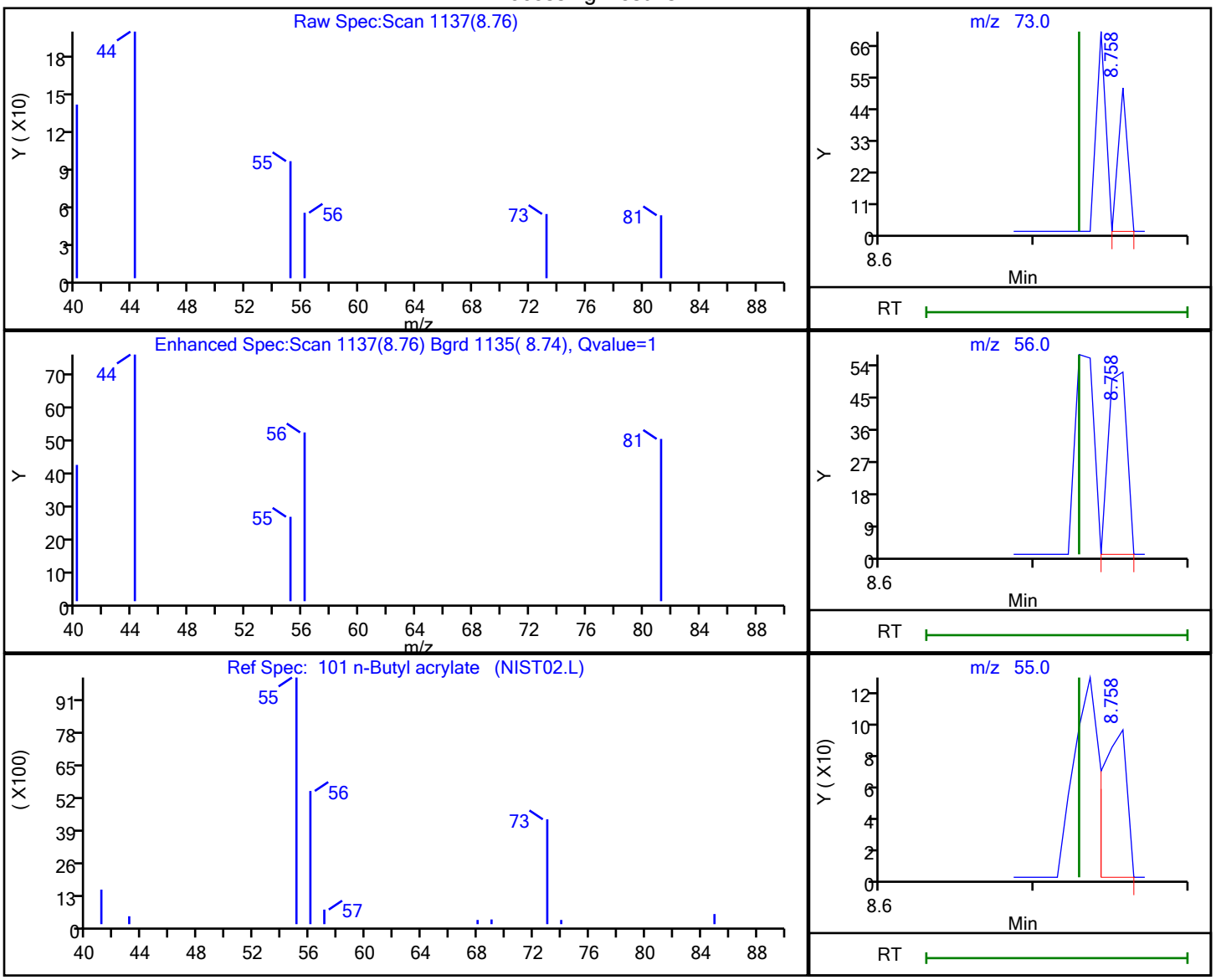
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

101 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.76	73.00	22	0.010802
8.76	56.00	44	
8.76	55.00	104	

Reviewer: boykink, 27-Apr-2021 23:40:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

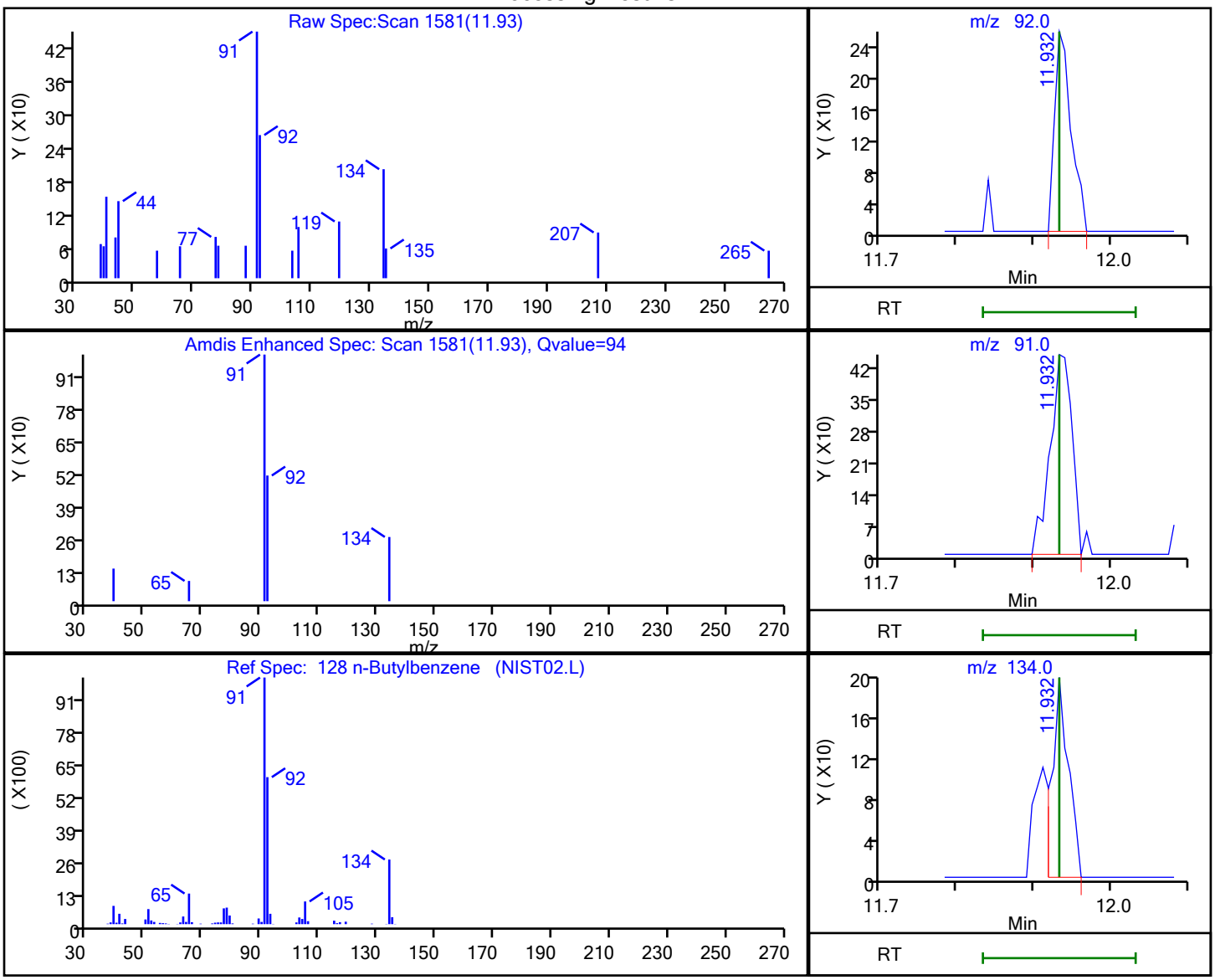
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.93	92.00	390	0.085911
11.93	91.00	883	
11.93	134.00	292	

Reviewer: boykink, 27-Apr-2021 23:40:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

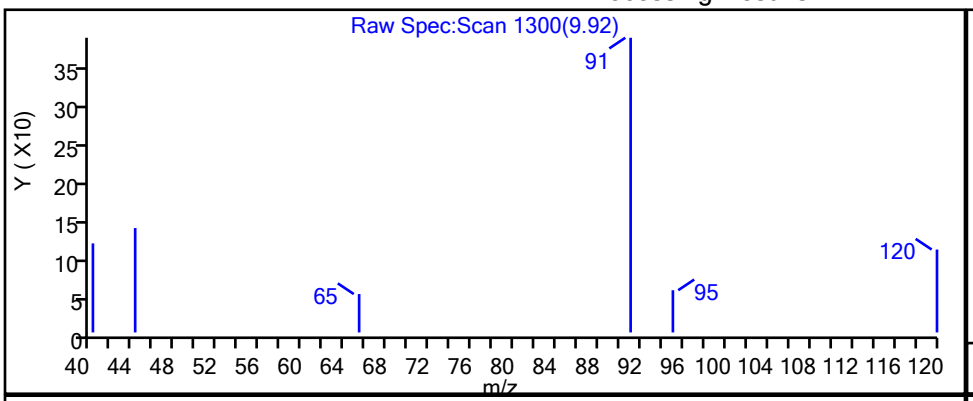
User Disabled Compound Report

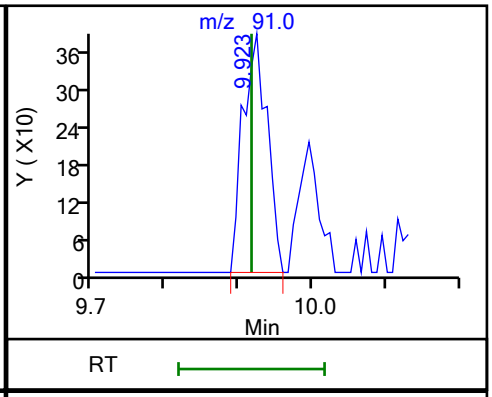
Eurofins TestAmerica, Edison

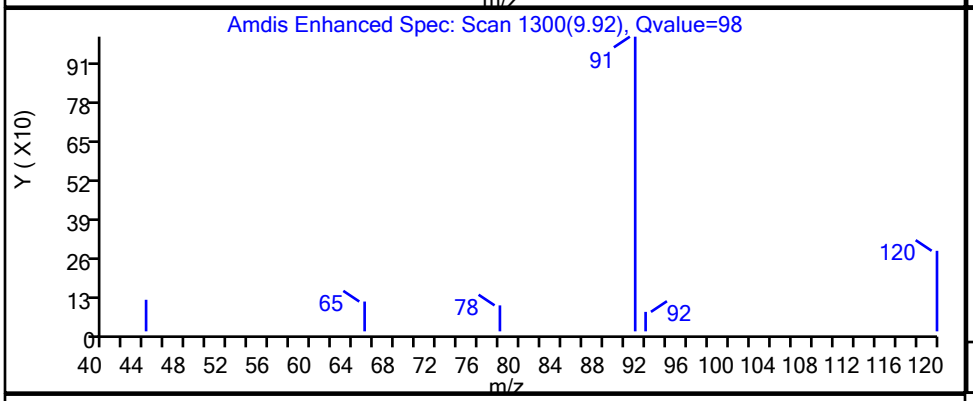
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

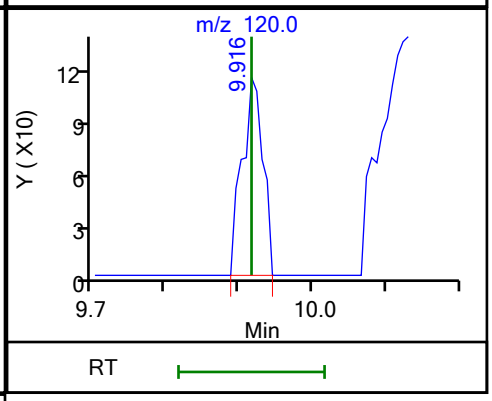
110 N-Propylbenzene, CAS: 103-65-1

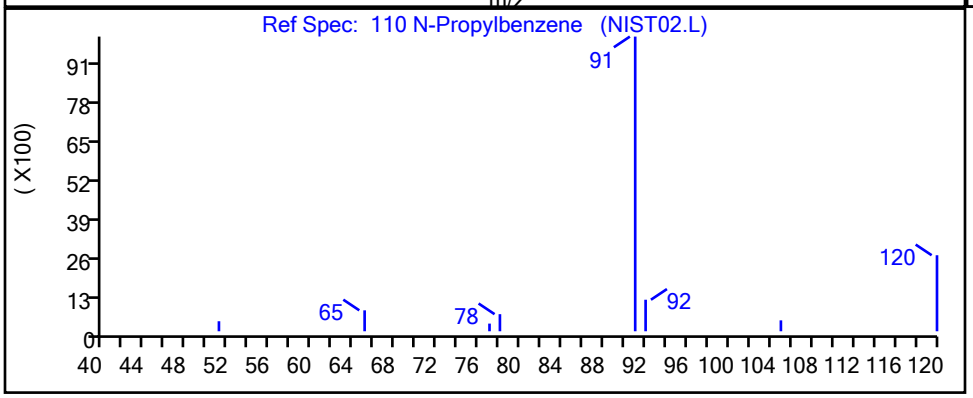
Processing Results











RT	Mass	Response	Amount
9.92	91.00	884	0.054309
9.92	120.00	230	

Reviewer: boykink, 27-Apr-2021 23:40:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

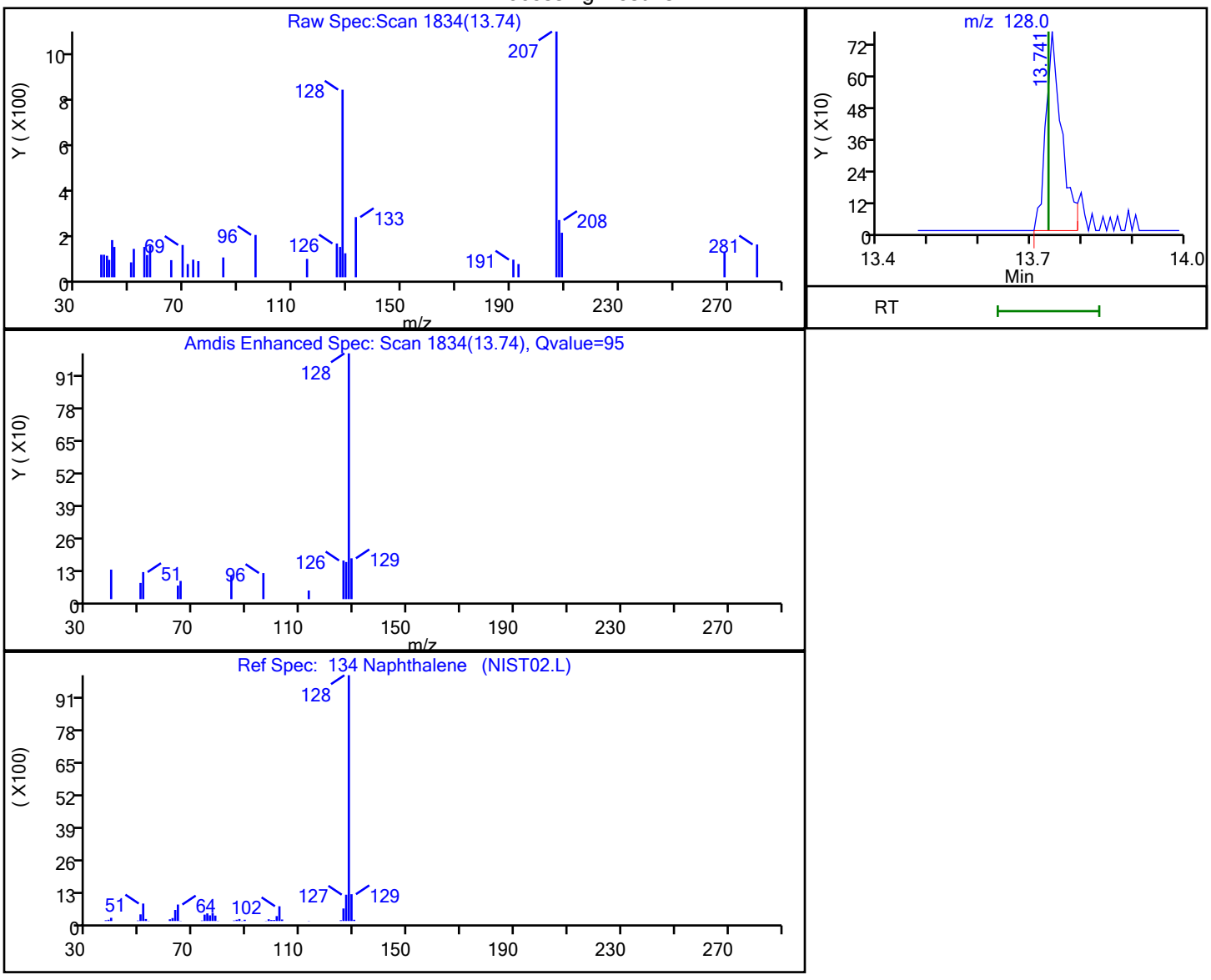
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
13.74	128.00	1647	0.397353

Reviewer: boykink, 27-Apr-2021 23:40:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

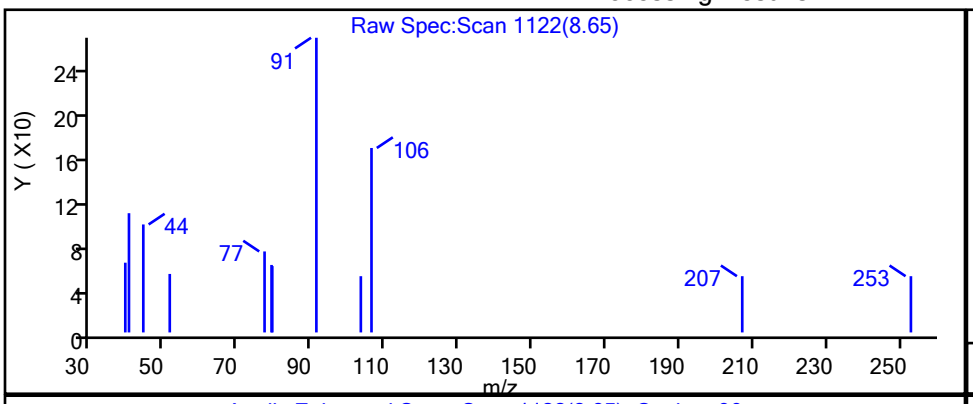
User Disabled Compound Report

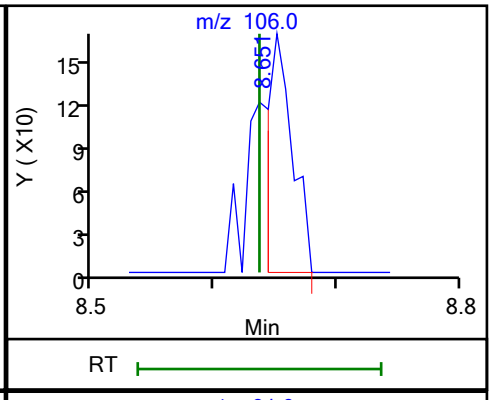
Eurofins TestAmerica, Edison

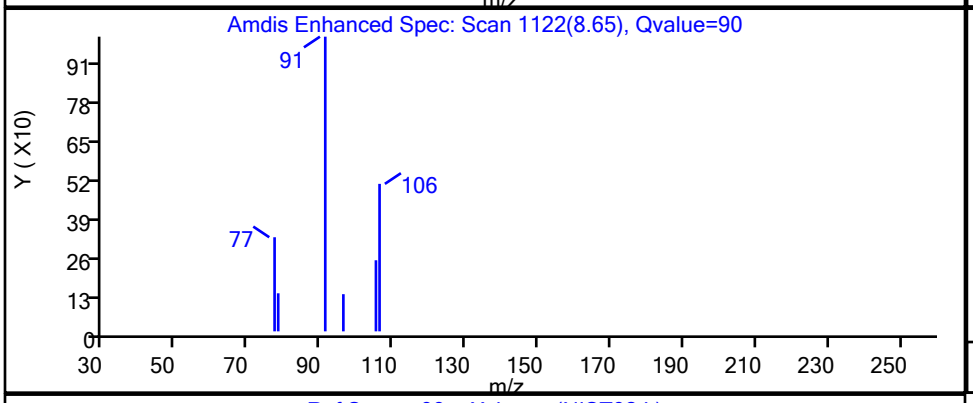
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

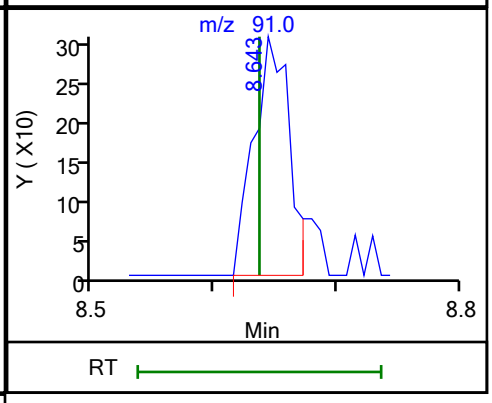
99 o-Xylene, CAS: 95-47-6

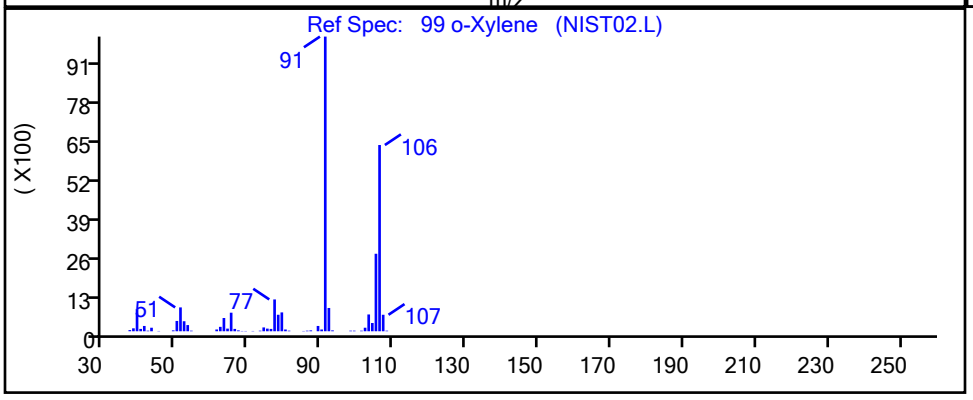
Processing Results











RT	Mass	Response	Amount
8.65	106.00	228	0.041531
8.64	91.00	625	

Reviewer: boykink, 27-Apr-2021 23:40:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

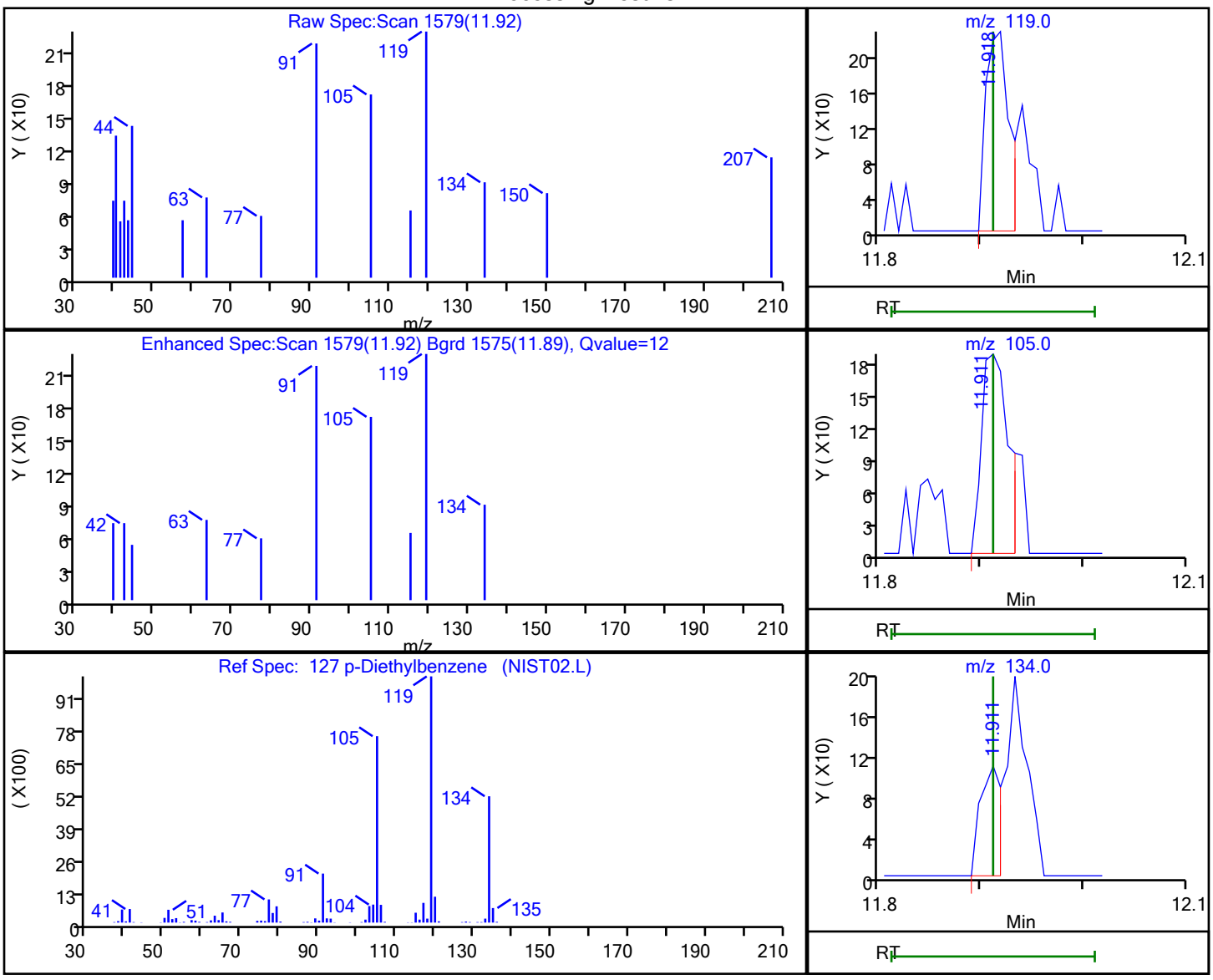
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
11.92	119.00	362	0.076827
11.91	105.00	338	
11.91	134.00	154	

Reviewer: boykink, 27-Apr-2021 23:40:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

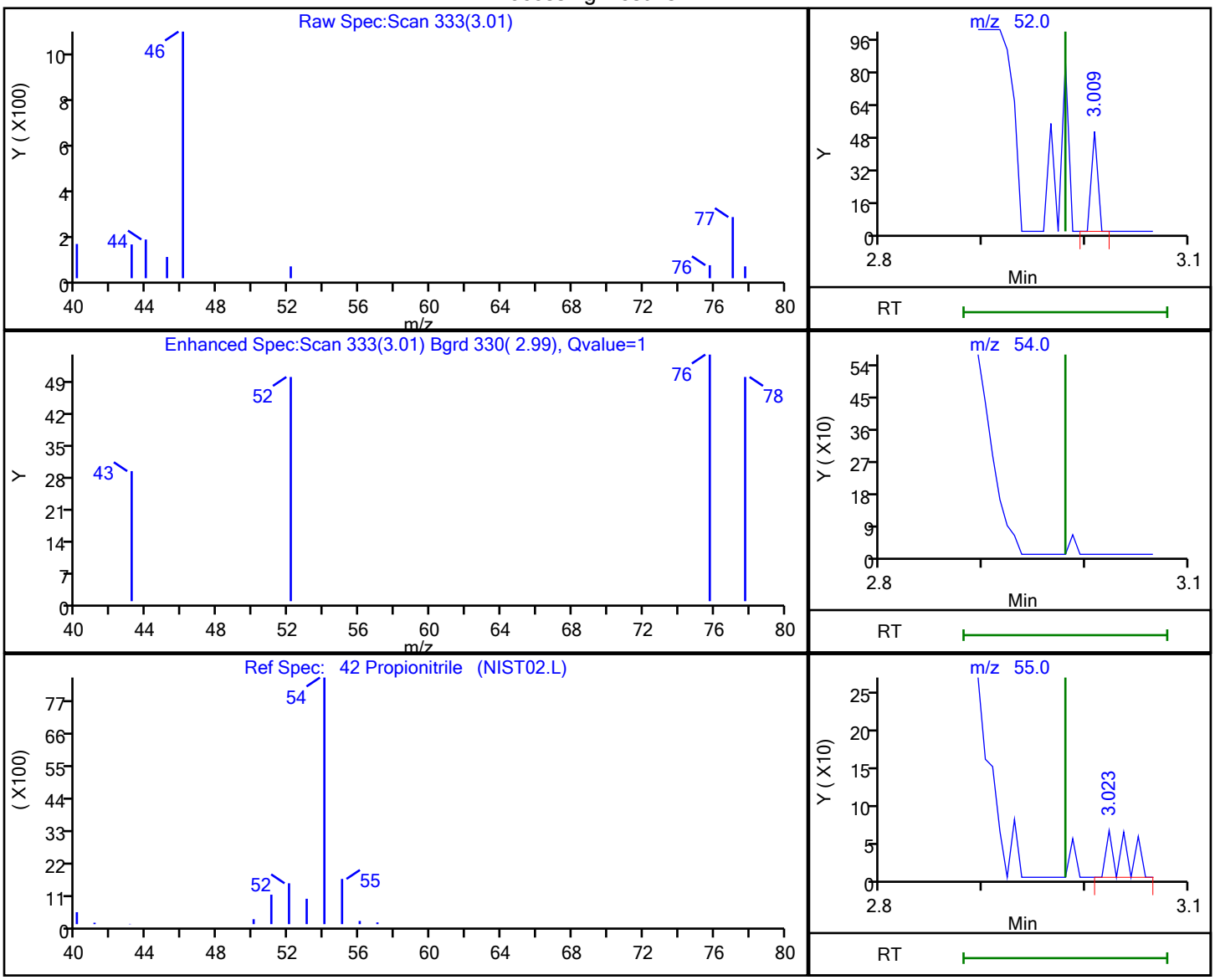
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

42 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.01	52.00	21	0.254404
3.02	55.00	77	
2.98	54.00	0	

Reviewer: boykink, 27-Apr-2021 23:39:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

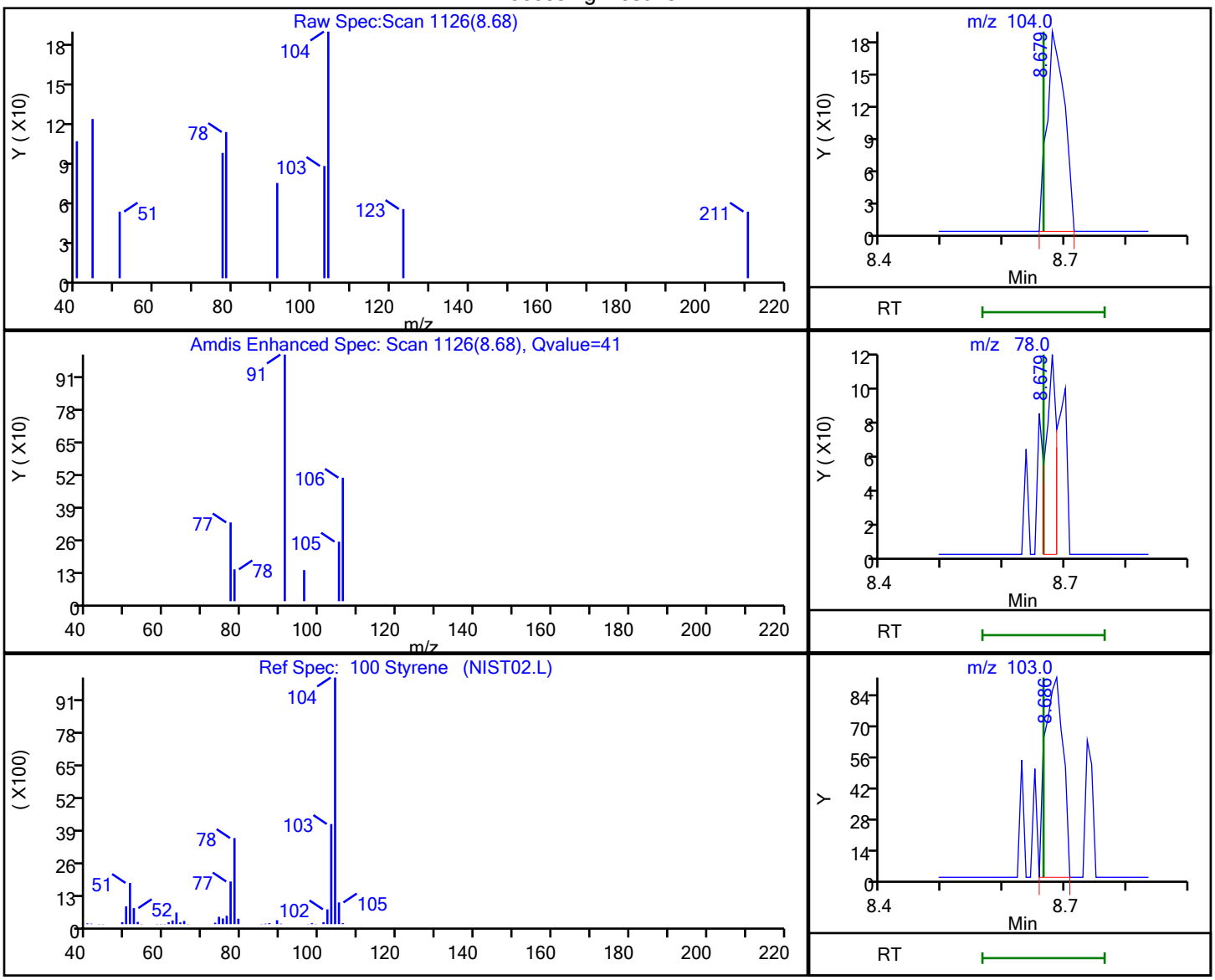
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

100 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.68	104.00	373	0.042236
8.68	78.00	131	
8.69	103.00	186	

Reviewer: boykink, 27-Apr-2021 23:40:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

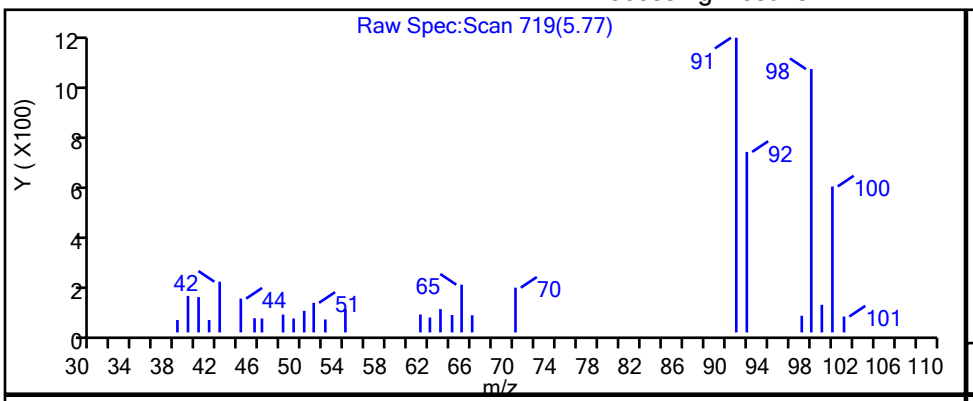
User Disabled Compound Report

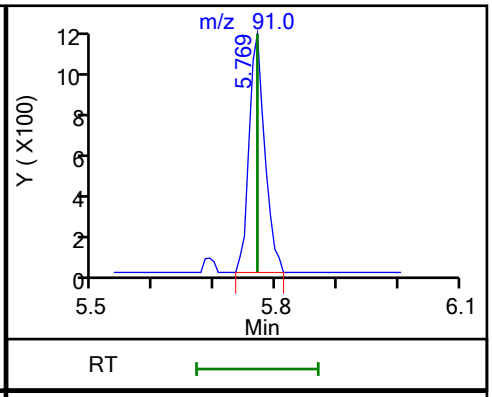
Eurofins TestAmerica, Edison

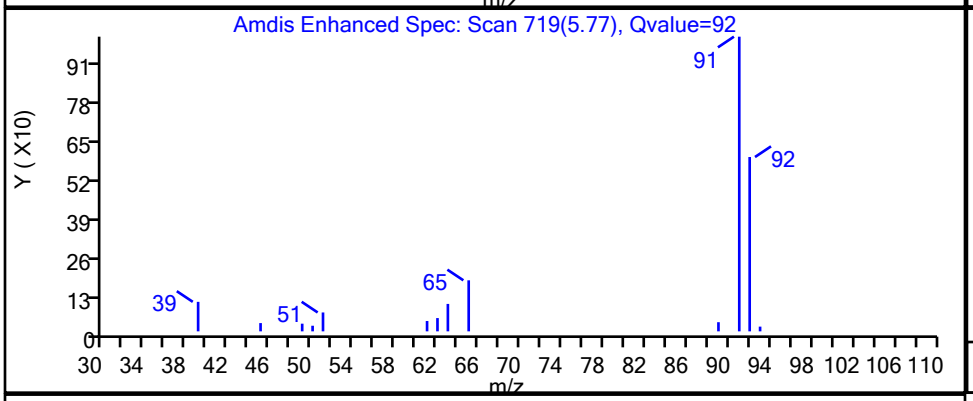
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D		
Injection Date:	27-Apr-2021 22:40:30	Instrument ID:	CVOAMS12
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	3 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

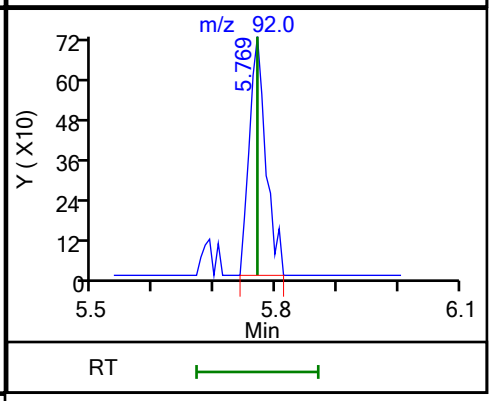
84 Toluene, CAS: 108-88-3

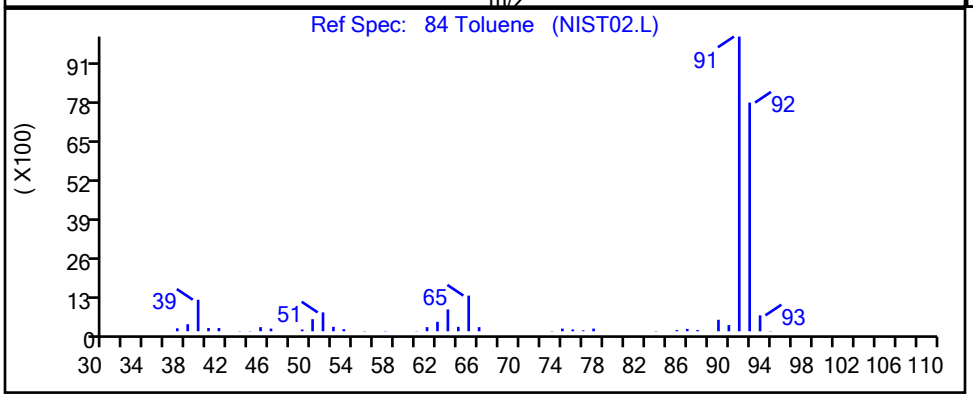
Processing Results











RT	Mass	Response	Amount
5.77	91.00	2112	0.158480
5.77	92.00	1370	

Reviewer: boykink, 27-Apr-2021 23:39:54

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

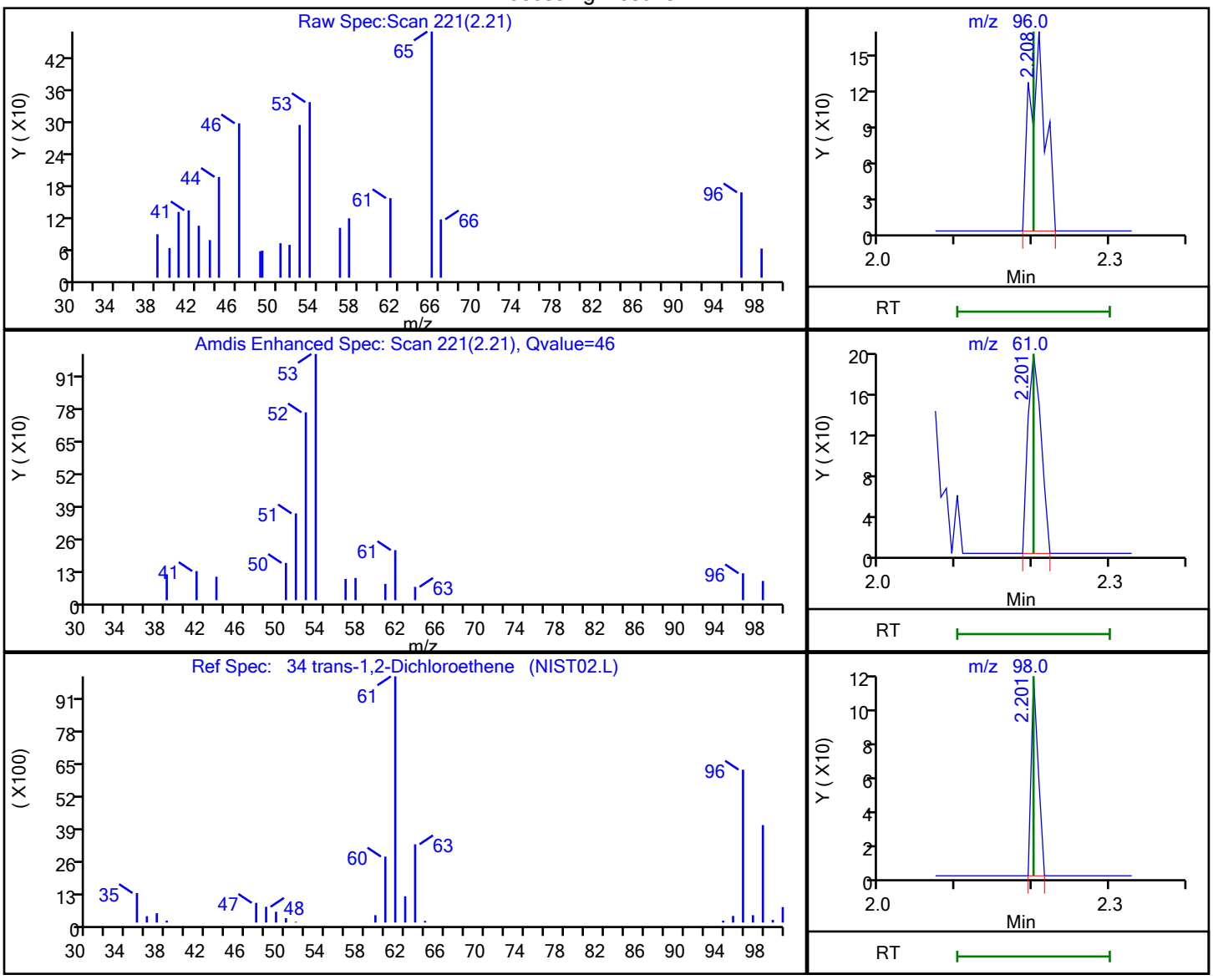
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.21	96.00	221	0.075381
2.20	61.00	237	
2.20	98.00	74	

Reviewer: boykink, 27-Apr-2021 23:39:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

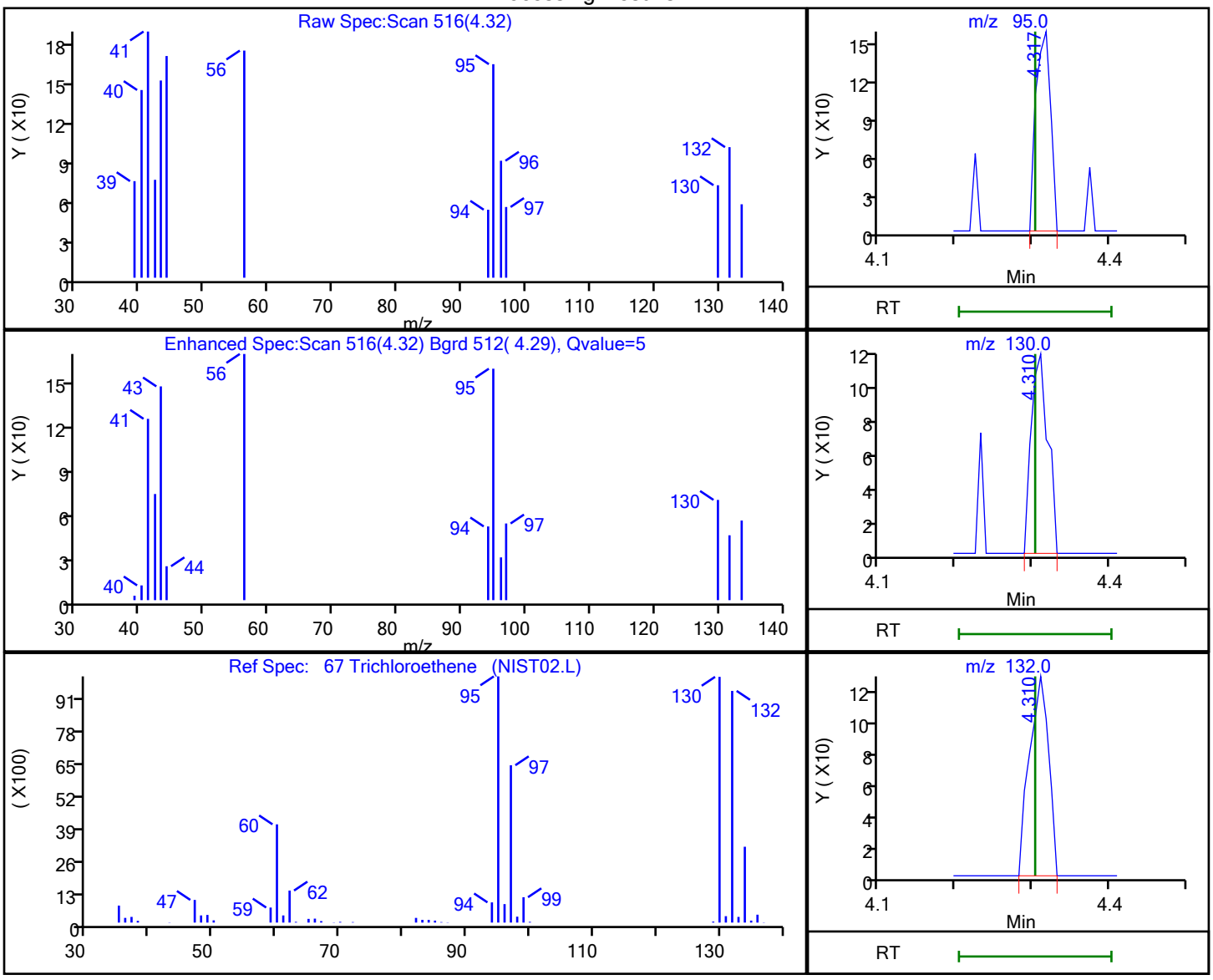
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

67 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
4.32	95.00	210	0.066432
4.31	130.00	180	
4.31	132.00	213	

Reviewer: boykink, 27-Apr-2021 23:39:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

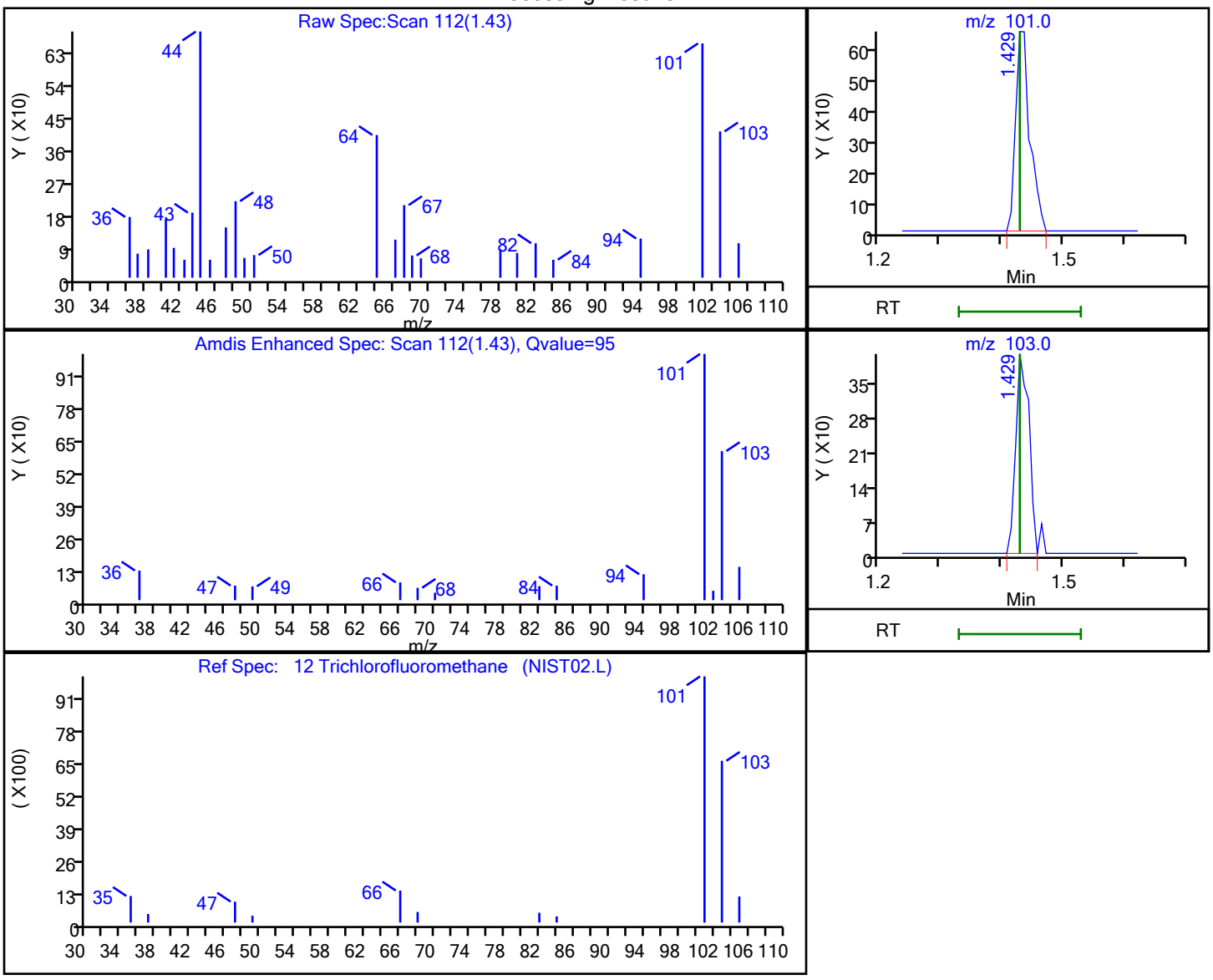
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.43	101.00	1060	0.249323
1.43	103.00	613	

Reviewer: boykink, 27-Apr-2021 23:39:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

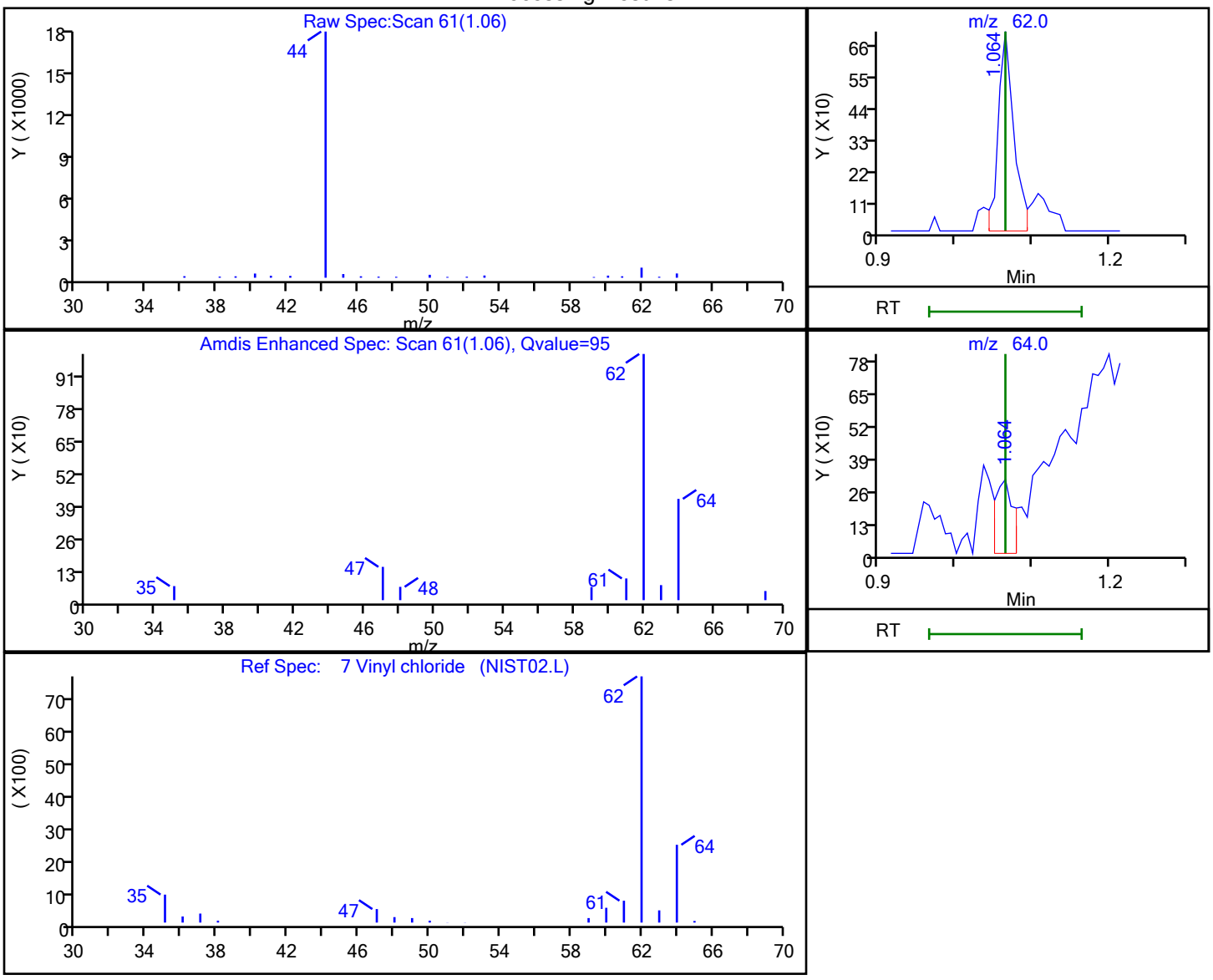
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71944.D
Injection Date: 27-Apr-2021 22:40:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.06	62.00	1015	0.249400
1.06	64.00	495	

Reviewer: boykink, 27-Apr-2021 23:39:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71945.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 27-Apr-2021 23:05:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0127714-004
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Apr-2021 20:29:33 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: boykink Date: 27-Apr-2021 23:43:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.799	0.842	-0.043	32	486	NC	NC	
2 Chlorotrifluoroethene	116	0.892	0.892	0.000	83	889	1.00	0.8709	
4 1,1-Difluoroethane	65	0.907	0.907	0.000	58	1470	NC	NC	
3 Dichlorodifluoromethane	85	0.907	0.907	0.000	98	3922	1.00	0.9118	
5 Chlorodifluoromethane	67	0.914	0.935	-0.021	75	715	1.00	1.16	
6 Chloromethane	50	1.014	1.035	-0.021	98	5858	1.00	1.22	M
7 Vinyl chloride	62	1.064	1.064	0.000	97	4091	1.00	1.07	
8 Butadiene	54	1.078	1.078	0.000	94	3795	1.00	1.07	
9 Bromomethane	94	1.243	1.236	0.007	98	2037	1.00	1.16	
10 Chloroethane	64	1.293	1.293	0.000	98	2550	1.00	1.10	
11 Dichlorofluoromethane	67	1.400	1.400	0.000	99	4940	1.00	0.9442	
12 Trichlorofluoromethane	101	1.436	1.429	0.007	97	4275	1.00	1.01	
13 Pentane	72	1.479	1.479	0.000	97	959	2.00	1.92	
14 Ethanol	46	1.543	1.543	0.000	64	816	40.0	60.9	
15 Ethyl ether	59	1.600	1.600	0.000	94	2393	1.00	1.01	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.600	1.600	0.000	93	2257	1.00	1.00	
17 2-Methyl-1,3-butadiene	53	1.607	1.607	0.000	97	2673	1.00	1.02	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.636	1.636	0.000	95	3976	1.00	1.10	
19 Acrolein	56	1.679	1.672	0.007	85	424	4.00	4.51	M
20 1,1-Dichloroethene	96	1.729	1.729	0.000	98	2496	1.00	1.06	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.736	1.736	0.000	89	2184	1.00	0.9434	
22 Acetone	58	1.758	1.758	0.000	85	1324	5.00	5.83	
23 Iodomethane	127	1.822	1.815	0.007	98	888	1.00	0.5277	
24 Isopropyl alcohol	45	1.843	1.843	0.000	30	1548	10.0	11.2	
25 Carbon disulfide	76	1.858	1.858	0.000	100	9200	1.00	1.11	
26 Acetonitrile	38	1.943	1.944	-0.001	80	1139	10.0	11.1	
27 3-Chloro-1-propene	76	1.943	1.944	-0.001	90	1855	1.00	0.9778	
28 Methyl acetate	74	1.965	1.958	0.007	99	685	2.00	2.08	
29 Cyclopentene	67	2.001	2.001	0.000	91	6797	1.00	1.02	
30 Methylene Chloride	84	2.022	2.022	0.000	94	3371	1.00	1.14	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.044	2.044	0.000	98	234121	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.101	2.101	0.000	98	3049	10.0	12.1	
33 Acrylonitrile	53	2.187	2.179	0.008	95	7365	10.0	8.85	
34 trans-1,2-Dichloroethene	96	2.208	2.201	0.007	92	2940	1.00	1.07	
35 Methyl tert-butyl ether	73	2.208	2.208	0.000	97	8829	1.00	1.05	
36 Hexane	57	2.401	2.401	0.000	94	3807	1.00	0.9497	
37 1,1-Dichloroethane	63	2.487	2.487	0.000	99	5220	1.00	1.01	
38 Vinyl acetate	86	2.537	2.537	0.000	100	1060	2.00	1.88	
39 Isopropyl ether	45	2.558	2.558	0.000	84	10384	1.00	1.03	
40 2-Chloro-1,3-butadiene	88	2.565	2.558	0.007	93	2658	1.00	1.00	
41 Tert-butyl ethyl ether	59	2.830	2.830	0.000	89	10145	1.00	1.05	
* 43 2-Butanone-d5	46	2.894	2.894	0.000	98	337113	250.0	250.0	
44 2,2-Dichloropropane	97	2.923	2.923	0.000	48	937	1.00	0.9873	
45 cis-1,2-Dichloroethene	96	2.923	2.923	0.000	92	3191	1.00	1.04	
46 2-Butanone (MEK)	72	2.944	2.945	-0.001	99	1737	5.00	5.23	
42 Propionitrile	52	2.995	2.980	0.014	93	763	10.0	11.7	
47 Ethyl acetate	70	3.002	3.002	0.000	99	589	2.00	2.06	
48 Methyl acrylate	55	3.030	3.030	0.000	99	2782	1.00	0.9750	
50 Methacrylonitrile	67	3.109	3.109	0.000	93	11525	10.0	10.1	
49 Chlorobromomethane	128	3.109	3.116	-0.007	61	1530	1.00	1.07	
51 Tetrahydrofuran	42	3.166	3.159	0.007	84	1888	2.00	2.15	
52 Chloroform	83	3.188	3.188	0.000	95	5168	1.00	1.07	
$ 53 Dibromofluoromethane (Surr)	113	3.323	3.324	-0.001	96	149772	50.0	50.9	
54 1,1,1-Trichloroethane	97	3.338	3.345	-0.007	97	4559	1.00	1.05	
55 Cyclohexane	84	3.395	3.395	0.000	93	3859	1.00	0.9369	
56 Carbon tetrachloride	117	3.488	3.488	0.000	95	3454	1.00	0.99	
57 1,1-Dichloropropene	75	3.495	3.488	0.007	94	4651	1.00	1.14	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.617	3.617	0.000	0	184196	50.0	51.0	
61 Isobutyl alcohol	43	3.631	3.624	0.007	58	3078	25.0	25.3	
59 Benzene	78	3.674	3.674	0.000	96	12362	1.00	1.11	
60 1,2-Dichloroethane	62	3.688	3.681	0.007	97	4562	1.00	1.14	
62 Isooctane	57	3.774	3.774	0.000	78	6279	1.00	0.8896	
63 Isopropyl acetate	61	3.774	3.781	-0.007	90	1133	1.00	1.01	
64 Tert-amyl methyl ether	73	3.795	3.803	-0.008	95	9096	1.00	1.03	
* 65 Fluorobenzene	96	3.938	3.938	0.000	98	598280	50.0	50.0	
66 n-Heptane	43	3.967	3.960	0.007	89	3213	1.00	0.9804	a
68 n-Butanol	56	4.303	4.289	0.014	49	2755	25.0	32.8	
67 Trichloroethene	95	4.303	4.303	0.000	95	3170	1.00	1.06	
69 Ethyl acrylate	55	4.467	4.460	0.007	95	3255	1.00	0.8196	
70 Methylcyclohexane	83	4.503	4.503	0.000	89	4283	1.00	0.9191	
71 1,2-Dichloropropane	63	4.532	4.525	0.007	94	3464	1.00	1.10	
* 72 1,4-Dioxane-d8	96	4.639	4.639	0.000	0	32939	1000.0	1000.0	
73 Dibromomethane	93	4.646	4.646	0.000	89	1708	1.00	0.9866	
74 1,4-Dioxane	88	4.703	4.696	0.007	87	1712	50.0	53.0	
75 Methyl methacrylate	100	4.711	4.711	0.000	88	1602	2.00	1.93	
76 n-Propyl acetate	43	4.789	4.789	0.000	97	4971	1.00	1.07	
77 Dichlorobromomethane	83	4.839	4.839	0.000	97	3605	1.00	0.9572	
78 2-Nitropropane	41	5.104	5.104	0.000	98	1459	2.00	1.79	
79 2-Chloroethyl vinyl ether	63	5.233	5.225	0.008	91	1470	1.00	0.7403	
80 Epichlorohydrin	57	5.268	5.261	0.007	99	5264	20.0	18.9	
81 cis-1,3-Dichloropropene	75	5.368	5.368	0.000	96	4889	1.00	1.00	
82 4-Methyl-2-pentanone (MIBK)	43	5.583	5.583	0.000	97	15027	5.00	5.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.690	5.683	0.007	99	607300	50.0	52.4	
84 Toluene	91	5.769	5.769	0.000	94	13361	1.00	1.10	
85 trans-1,3-Dichloropropene	75	6.076	6.069	0.007	96	4082	1.00	0.9066	
86 Ethyl methacrylate	69	6.262	6.255	0.007	89	3577	1.00	0.9210	
87 1,1,2-Trichloroethane	83	6.298	6.298	0.000	90	2144	1.00	1.00	
88 Tetrachloroethene	166	6.470	6.462	0.008	94	3325	1.00	1.10	
89 1,3-Dichloropropane	76	6.512	6.505	0.007	94	4753	1.00	1.03	
90 2-Hexanone	43	6.691	6.684	0.007	98	10043	5.00	4.75	
91 Chlorodibromomethane	129	6.806	6.799	0.008	95	2344	1.00	0.8691	
92 n-Butyl acetate	43	6.927	6.920	0.007	98	5221	1.00	1.05	
93 Ethylene Dibromide	107	6.927	6.927	0.000	65	2843	1.00	1.06	
* 94 Chlorobenzene-d5	117	7.614	7.614	0.000	88	473236	50.0	50.0	
95 Chlorobenzene	112	7.656	7.657	-0.001	97	8757	1.00	1.09	
96 1,1,1,2-Tetrachloroethane	131	7.799	7.792	0.007	91	2636	1.00	0.9714	
97 Ethylbenzene	106	7.871	7.864	0.007	99	4739	1.00	1.09	
98 m-Xylene & p-Xylene	106	8.057	8.050	0.007	99	5856	1.00	1.08	
99 o-Xylene	106	8.643	8.636	0.007	94	5504	1.00	1.03	
100 Styrene	104	8.672	8.665	0.007	96	8854	1.00	1.00	
101 n-Butyl acrylate	73	8.736	8.729	0.007	97	2042	1.00	0.9240	
102 Bromoform	173	8.893	8.886	0.007	88	1327	1.00	0.7576	
103 Amyl acetate (mixed isomers)	43	9.122	9.115	0.007	92	5279	1.00	0.8954	
104 Isopropylbenzene	105	9.251	9.251	0.000	96	14145	1.00	1.05	
$ 105 4-Bromofluorobenzene	174	9.451	9.444	0.007	90	196713	50.0	52.3	
106 Bromobenzene	156	9.637	9.637	0.000	94	3693	1.00	1.04	
107 1,1,2,2-Tetrachloroethane	83	9.751	9.752	-0.001	94	3335	1.00	0.9573	
108 1,2,3-Trichloropropane	110	9.780	9.773	0.007	97	1042	1.00	0.99	
109 trans-1,4-Dichloro-2-butene	53	9.866	9.852	0.014	78	950	1.00	0.8685	
110 N-Propylbenzene	91	9.923	9.916	0.007	99	16250	1.00	1.07	
111 2-Chlorotoluene	91	9.995	9.988	0.007	97	10667	1.00	1.12	
112 4-Ethyltoluene	105	10.123	10.123	0.000	99	13181	1.00	1.06	
113 4-Chlorotoluene	91	10.188	10.181	0.007	98	10889	1.00	1.14	
114 1,3,5-Trimethylbenzene	105	10.238	10.238	0.000	93	9097	1.00	1.02	
115 Butyl Methacrylate	87	10.524	10.524	0.000	94	3133	1.00	0.8130	
116 tert-Butylbenzene	119	10.753	10.753	-0.001	94	9893	1.00	1.04	
117 1,2,4-Trimethylbenzene	105	10.845	10.838	0.007	97	8625	1.00	1.01	
118 sec-Butylbenzene	105	11.124	11.124	0.000	99	13721	1.00	1.03	
119 1,3-Dichlorobenzene	146	11.217	11.217	0.000	94	6813	1.00	1.06	
* 120 1,4-Dichlorobenzene-d4	152	11.332	11.325	0.007	96	254519	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.360	11.360	0.000	96	6946	1.00	1.09	
122 4-Isopropyltoluene	119	11.382	11.382	0.000	97	10509	1.00	1.03	
123 1,2,3-Trimethylbenzene	105	11.482	11.482	0.000	97	8308	1.00	0.9725	
124 Benzyl chloride	126	11.582	11.582	0.000	99	981	1.00	0.7623	
125 2,3-Dihydroindene	117	11.718	11.718	0.000	96	11617	1.00	1.05	
126 1,2-Dichlorobenzene	146	11.854	11.847	0.007	93	6241	1.00	1.02	
127 p-Diethylbenzene	119	11.911	11.911	0.000	94	4704	1.00	0.9897	
128 n-Butylbenzene	92	11.932	11.932	0.000	99	4532	1.00	1.03	
129 1,2-Dibromo-3-Chloropropane	157	12.755	12.748	0.007	89	656	1.00	0.8459	
130 1,2,4,5-Tetramethylbenzene	119	12.776	12.776	0.000	98	4110	1.00	0.9250	
131 1,3,5-Trichlorobenzene	180	12.969	12.969	0.000	93	2782	1.00	0.9686	
132 1,2,4-Trichlorobenzene	180	13.541	13.534	0.007	93	2311	1.00	0.9453	
133 Hexachlorobutadiene	225	13.713	13.713	0.000	92	1436	1.00	1.03	
134 Naphthalene	128	13.741	13.734	0.007	98	4138	1.00	0.8971	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.949	13.942	0.007	93	2082	1.00	0.9587	
S 137 1,2-Dichloroethene, Total	100				0		2.00	2.12	
S 138 Xylenes, Total	100				0		2.00	2.10	
S 139 Total BTEX	1				0		5.00	5.41	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00122	Amount Added:	4.00	Units: uL	
524freon_00035	Amount Added:	10.00	Units: uL	
14DIOXINTER_00128	Amount Added:	30.00	Units: uL	
GASES Li_00417	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00135	Amount Added:	10.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 28-Apr-2021 20:29:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71945.D

Injection Date: 27-Apr-2021 23:05:30 Instrument ID: CVOAMS12 Operator ID:

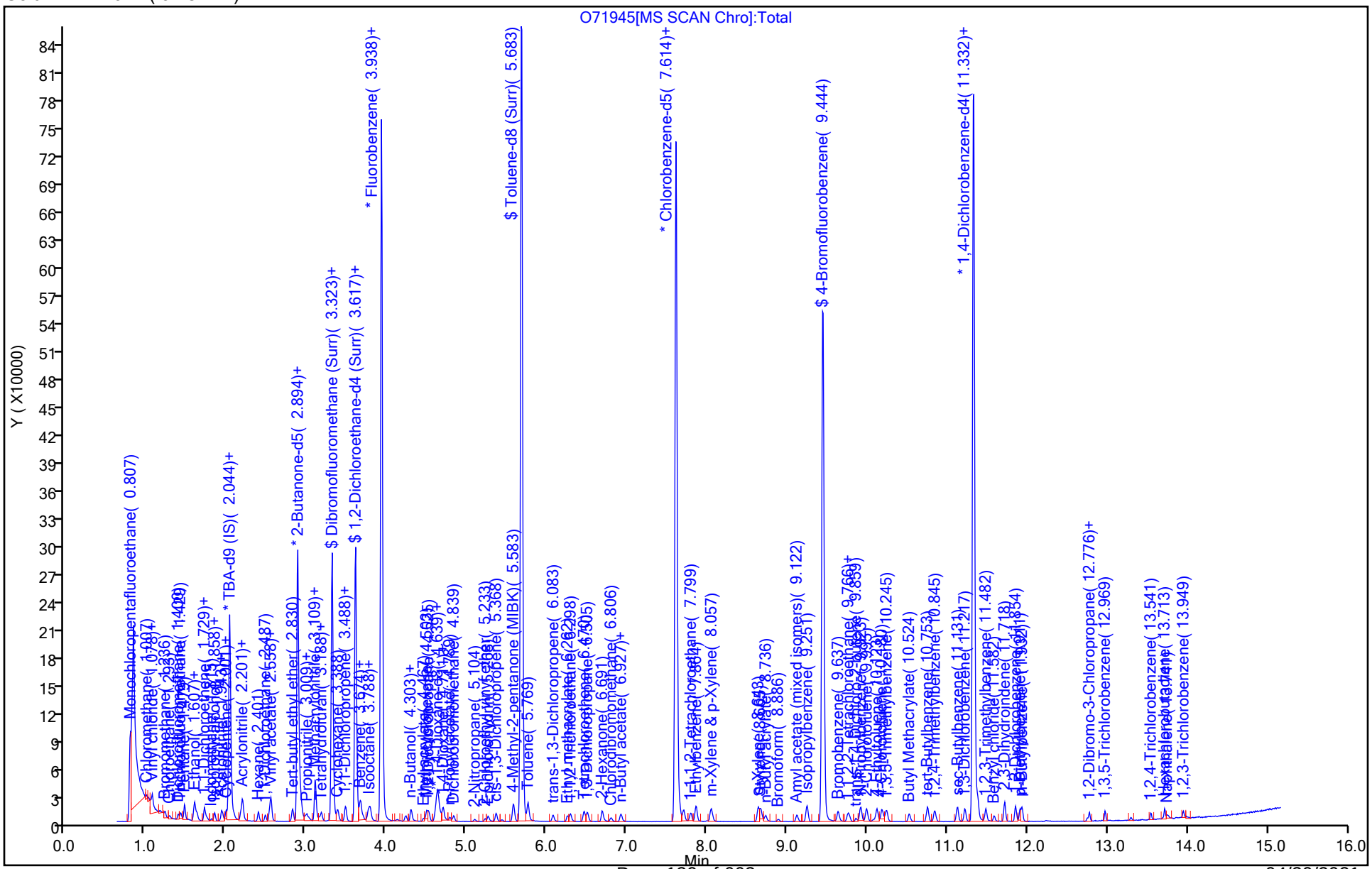
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

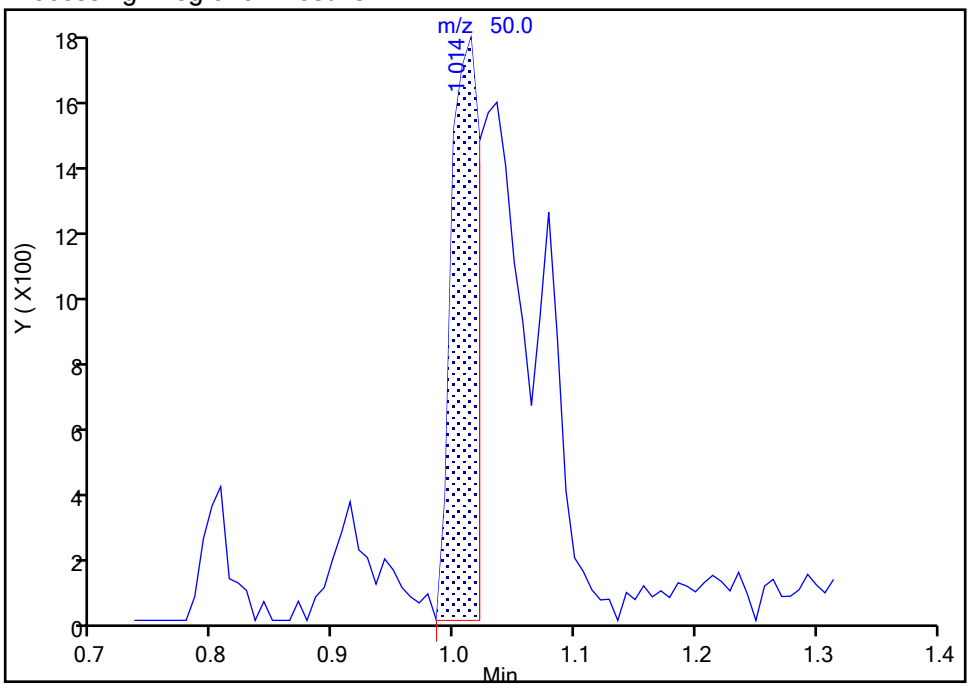
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71945.D
Injection Date: 27-Apr-2021 23:05:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

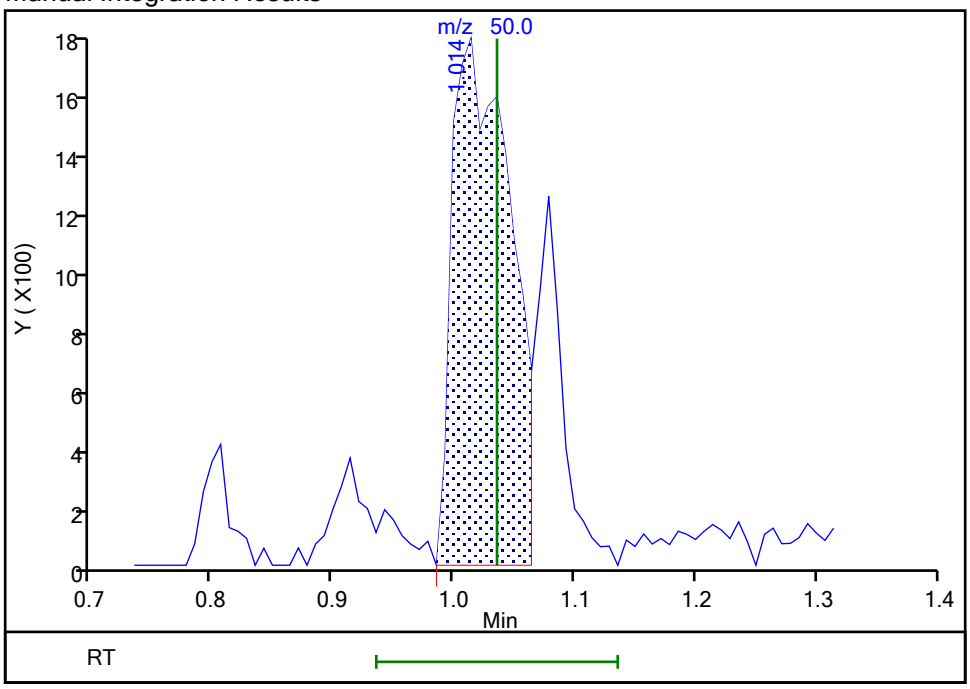
Processing Integration Results

RT: 1.01
Area: 2852
Amount: 0.710759
Amount Units: ug/l



Manual Integration Results

RT: 1.01
Area: 5858
Amount: 1.223079
Amount Units: ug/l



Reviewer: martineze, 28-Apr-2021 14:30:16
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

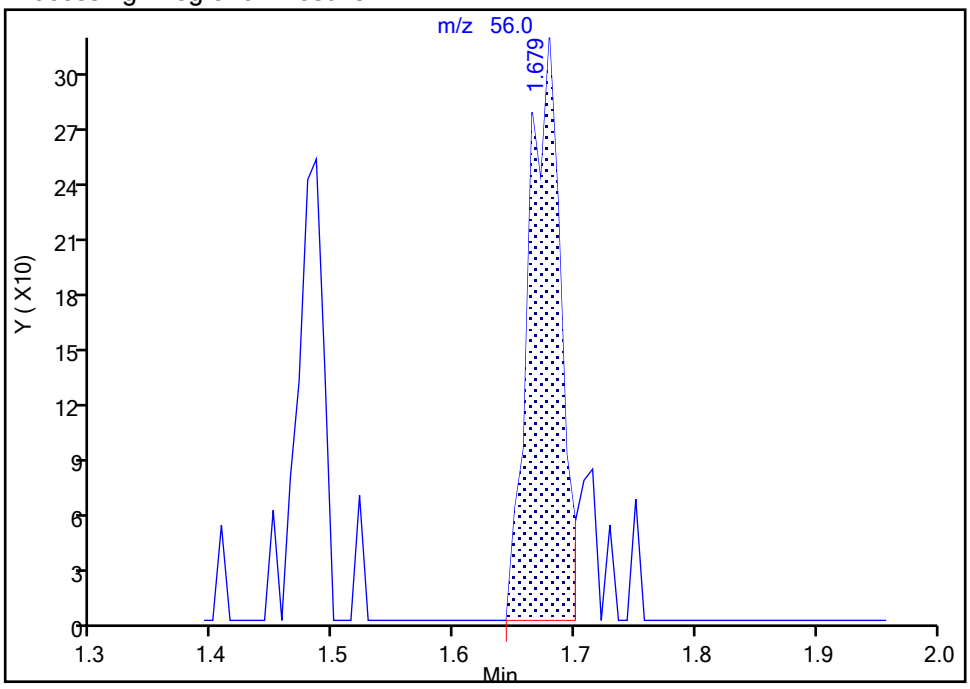
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71945.D
Injection Date: 27-Apr-2021 23:05:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

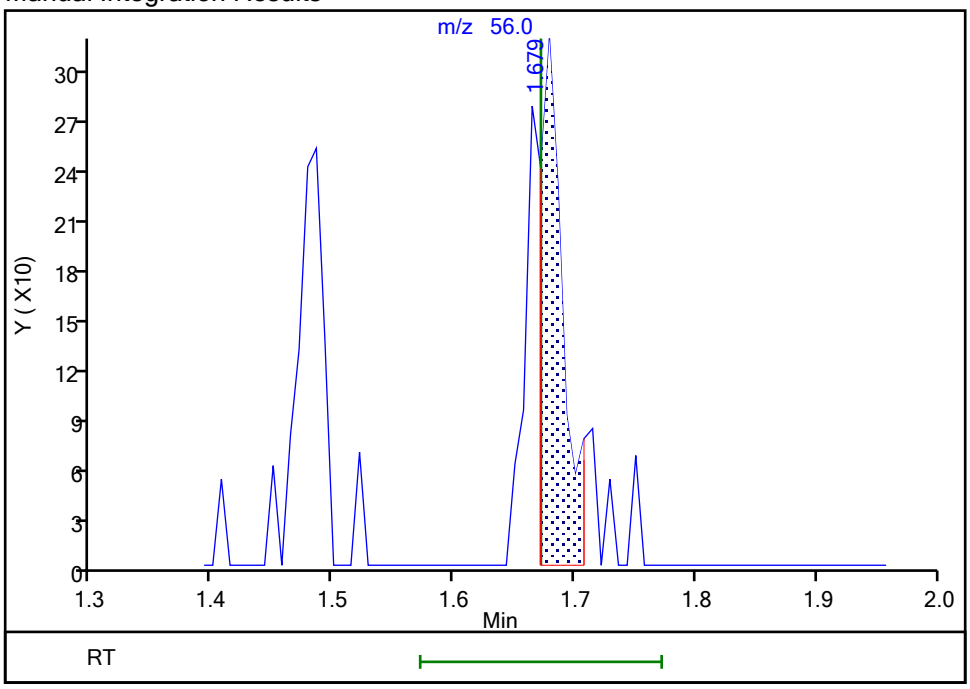
Processing Integration Results

RT: 1.68
Area: 574
Amount: 5.728843
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 424
Amount: 4.513290
Amount Units: ug/l



Reviewer: kluseys, 28-Apr-2021 20:02:45
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

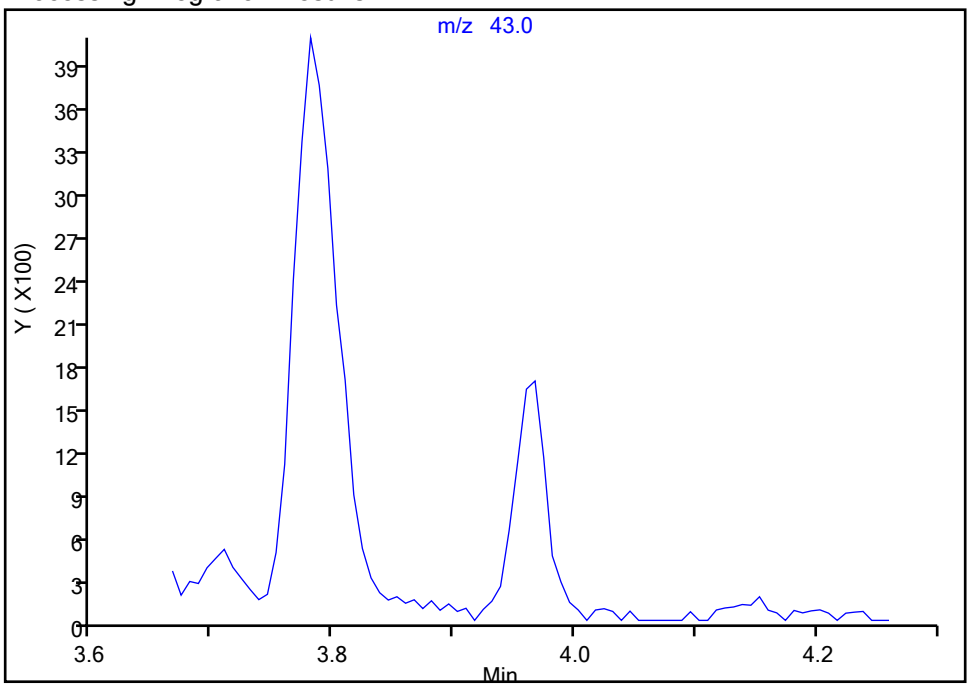
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71945.D
Injection Date: 27-Apr-2021 23:05:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

66 n-Heptane, CAS: 142-82-5

Signal: 1

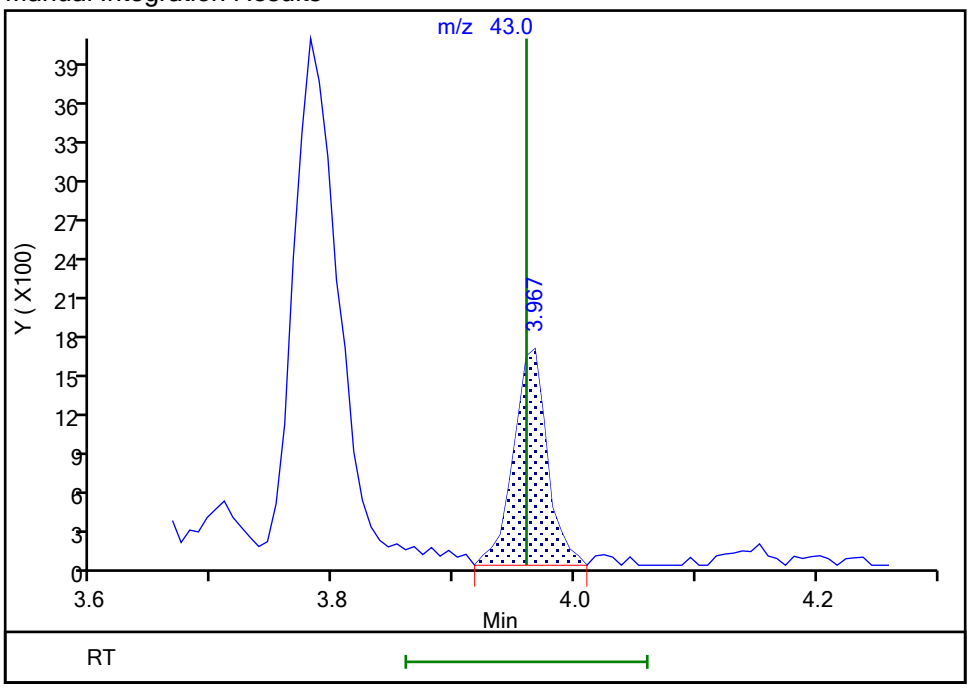
Not Detected
Expected RT: 3.96

Processing Integration Results



Manual Integration Results

RT: 3.97
Area: 3213
Amount: 0.980411
Amount Units: ug/l



Reviewer: boykink, 27-Apr-2021 23:41:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71946.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Apr-2021 23:30:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0127714-005
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Apr-2021 20:29:51 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: boykink Date: 28-Apr-2021 01:37:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.835	0.842	-0.007	29	669	NC	NC	a
2 Chlorotrifluoroethene	116	0.893	0.892	0.001	89	5009	5.00	4.96	
4 1,1-Difluoroethane	65	0.900	0.907	-0.007	86	7033	NC	NC	
3 Dichlorodifluoromethane	85	0.907	0.907	0.000	99	23722	5.00	5.60	
5 Chlorodifluoromethane	67	0.921	0.935	-0.014	96	3175	5.00	5.21	
6 Chloromethane	50	1.007	1.035	-0.028	99	27248	5.00	5.77	a
7 Vinyl chloride	62	1.064	1.064	0.000	97	20294	5.00	5.38	
8 Butadiene	54	1.078	1.078	0.000	97	18188	5.00	5.18	
9 Bromomethane	94	1.236	1.236	0.000	98	9871	5.00	5.70	
10 Chloroethane	64	1.293	1.293	0.000	100	11712	5.00	5.15	
11 Dichlorofluoromethane	67	1.400	1.400	0.000	98	28694	5.00	5.57	
12 Trichlorofluoromethane	101	1.429	1.429	0.000	97	22556	5.00	5.39	
13 Pentane	72	1.479	1.479	0.000	96	5559	10.0	11.3	
14 Ethanol	46	1.543	1.543	0.000	97	2986	200.0	219.7	
15 Ethyl ether	59	1.593	1.600	-0.007	96	11986	5.00	5.16	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.600	1.600	0.000	94	12457	5.00	5.58	
17 2-Methyl-1,3-butadiene	53	1.615	1.607	0.008	99	14299	5.00	5.54	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.636	1.636	0.000	95	18836	5.00	5.31	
19 Acrolein	56	1.672	1.672	0.000	94	2155	20.0	22.6	
20 1,1-Dichloroethene	96	1.729	1.729	0.000	98	12487	5.00	5.36	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.729	1.736	-0.007	95	12755	5.00	5.59	
22 Acetone	58	1.758	1.758	0.000	86	4854	25.0	21.6	
23 Iodomethane	127	1.815	1.815	0.000	98	4601	5.00	2.78	
24 Isopropyl alcohol	45	1.844	1.843	0.001	33	6417	50.0	45.8	
25 Carbon disulfide	76	1.858	1.858	0.000	100	41989	5.00	5.14	
26 Acetonitrile	38	1.944	1.944	0.000	79	5993	50.0	57.6	
27 3-Chloro-1-propene	76	1.944	1.944	0.000	90	9094	5.00	4.87	
28 Methyl acetate	74	1.965	1.958	0.007	100	3249	10.0	9.71	
29 Cyclopentene	67	2.001	2.001	0.000	96	36961	5.00	5.63	
30 Methylene Chloride	84	2.022	2.022	0.000	93	15688	5.00	5.36	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.044	2.044	0.000	98	237598	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.101	2.101	0.000	99	12838	50.0	50.1	
33 Acrylonitrile	53	2.180	2.179	0.001	95	37743	50.0	46.0	
34 trans-1,2-Dichloroethene	96	2.201	2.201	0.000	97	14142	5.00	5.24	
35 Methyl tert-butyl ether	73	2.208	2.208	0.000	97	42496	5.00	5.13	
36 Hexane	57	2.401	2.401	0.000	93	20686	5.00	5.24	
37 1,1-Dichloroethane	63	2.487	2.487	0.000	100	26756	5.00	5.26	
38 Vinyl acetate	86	2.537	2.537	0.000	100	5239	10.0	9.42	
39 Isopropyl ether	45	2.559	2.558	0.001	88	53739	5.00	5.41	
40 2-Chloro-1,3-butadiene	88	2.559	2.558	0.001	93	13851	5.00	5.29	
41 Tert-butyl ethyl ether	59	2.830	2.830	0.000	89	48782	5.00	5.10	
* 43 2-Butanone-d5	46	2.895	2.894	0.001	98	333176	250.0	250.0	
44 2,2-Dichloropropane	97	2.923	2.923	0.000	73	4974	5.00	5.32	
45 cis-1,2-Dichloroethene	96	2.923	2.923	0.000	92	15637	5.00	5.18	
46 2-Butanone (MEK)	72	2.945	2.945	0.000	100	8254	25.0	25.2	
42 Propionitrile	52	2.980	2.980	0.000	94	3390	50.0	51.2	
47 Ethyl acetate	70	3.002	3.002	0.000	99	2864	10.0	10.1	
48 Methyl acrylate	55	3.030	3.030	0.000	99	14008	5.00	4.98	
50 Methacrylonitrile	67	3.109	3.109	0.000	95	57165	50.0	50.6	
49 Chlorobromomethane	128	3.109	3.116	-0.007	87	7179	5.00	5.12	
51 Tetrahydrofuran	42	3.159	3.159	0.000	83	8130	10.0	9.38	
52 Chloroform	83	3.188	3.188	0.000	98	24884	5.00	5.22	
$ 53 Dibromofluoromethane (Surr)	113	3.324	3.324	0.000	97	142943	50.0	49.3	
54 1,1,1-Trichloroethane	97	3.345	3.345	0.000	99	21806	5.00	5.09	
55 Cyclohexane	84	3.395	3.395	0.000	93	21711	5.00	5.35	
56 Carbon tetrachloride	117	3.488	3.488	0.000	95	17271	5.00	5.04	
57 1,1-Dichloropropene	75	3.488	3.488	0.000	96	20873	5.00	5.17	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.617	3.617	0.000	0	178259	50.0	50.1	
61 Isobutyl alcohol	43	3.631	3.624	0.007	93	14749	125.0	119.3	
59 Benzene	78	3.674	3.674	0.000	96	59127	5.00	5.30	
60 1,2-Dichloroethane	62	3.681	3.681	0.000	97	20580	5.00	5.20	
62 Isooctane	57	3.774	3.774	0.000	95	38312	5.00	5.51	
63 Isopropyl acetate	61	3.774	3.781	-0.007	96	5304	5.00	4.81	
64 Tert-amyl methyl ether	73	3.796	3.803	-0.007	98	44966	5.00	5.17	
* 65 Fluorobenzene	96	3.939	3.938	0.001	98	589397	50.0	50.0	
66 n-Heptane	43	3.960	3.960	0.000	94	15974	5.00	4.95	
68 n-Butanol	56	4.296	4.289	0.007	91	9873	125.0	115.8	
67 Trichloroethene	95	4.303	4.303	0.000	97	15320	5.00	5.20	
69 Ethyl acrylate	55	4.461	4.460	0.001	98	17920	5.00	4.58	
70 Methylcyclohexane	83	4.503	4.503	0.000	94	23855	5.00	5.20	
71 1,2-Dichloropropane	63	4.532	4.525	0.007	91	15909	5.00	5.12	
* 72 1,4-Dioxane-d8	96	4.639	4.639	0.000	0	33347	1000.0	1000.0	
73 Dibromomethane	93	4.646	4.646	0.000	95	8727	5.00	5.12	
74 1,4-Dioxane	88	4.689	4.696	-0.007	90	3276	100.0	100.1	
75 Methyl methacrylate	100	4.711	4.711	0.000	92	7758	10.0	9.47	
76 n-Propyl acetate	43	4.789	4.789	0.000	99	22072	5.00	4.82	
77 Dichlorobromomethane	83	4.840	4.839	0.001	98	17606	5.00	4.75	
78 2-Nitropropane	41	5.097	5.104	-0.007	98	6902	10.0	8.62	
79 2-Chloroethyl vinyl ether	63	5.226	5.225	0.001	94	8471	5.01	4.33	
80 Epichlorohydrin	57	5.269	5.261	0.007	99	27030	100.0	98.1	
81 cis-1,3-Dichloropropene	75	5.369	5.368	0.001	97	24496	5.00	5.02	
82 4-Methyl-2-pentanone (MIBK)	43	5.583	5.583	0.000	98	74666	25.0	25.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.683	5.683	0.000	99	585243	50.0	50.5	
84 Toluene	91	5.769	5.769	0.000	93	63592	5.00	5.26	
85 trans-1,3-Dichloropropene	75	6.076	6.069	0.007	98	21687	5.00	4.82	
86 Ethyl methacrylate	69	6.255	6.255	0.000	91	18593	5.00	4.79	
87 1,1,2-Trichloroethane	83	6.298	6.298	0.000	94	11133	5.00	5.18	
88 Tetrachloroethene	166	6.463	6.462	0.001	96	15619	5.00	5.18	
89 1,3-Dichloropropane	76	6.506	6.505	0.001	96	24118	5.00	5.24	
90 2-Hexanone	43	6.691	6.684	0.007	96	51262	25.0	24.5	
91 Chlorodibromomethane	129	6.799	6.799	0.001	98	12865	5.00	4.77	
92 n-Butyl acetate	43	6.920	6.920	0.000	99	24743	5.00	4.99	
93 Ethylene Dibromide	107	6.927	6.927	0.000	100	13205	5.00	4.92	
* 94 Chlorobenzene-d5	117	7.614	7.614	0.000	87	473262	50.0	50.0	
95 Chlorobenzene	112	7.657	7.657	0.000	95	41450	5.00	5.14	
96 1,1,1,2-Tetrachloroethane	131	7.800	7.792	0.008	92	13464	5.00	4.96	
97 Ethylbenzene	106	7.864	7.864	0.000	99	22509	5.00	5.19	
98 m-Xylene & p-Xylene	106	8.050	8.050	0.000	99	28000	5.00	5.15	
99 o-Xylene	106	8.636	8.636	0.000	94	27124	5.00	5.06	
100 Styrene	104	8.672	8.665	0.007	95	45215	5.00	5.09	
101 n-Butyl acrylate	73	8.729	8.729	0.000	97	10722	5.00	4.85	
102 Bromoform	173	8.894	8.886	0.008	96	7798	5.00	4.45	
103 Amyl acetate (mixed isomers)	43	9.122	9.115	0.007	91	28198	5.00	4.76	
104 Isopropylbenzene	105	9.251	9.251	0.000	96	71258	5.00	5.31	
$ 105 4-Bromofluorobenzene	174	9.451	9.444	0.007	91	189646	50.0	50.4	
106 Bromobenzene	156	9.637	9.637	0.000	97	17996	5.00	5.06	
107 1,1,2,2-Tetrachloroethane	83	9.752	9.752	0.000	97	16931	5.00	4.84	
108 1,2,3-Trichloropropane	110	9.773	9.773	0.000	96	5087	5.00	4.83	
109 trans-1,4-Dichloro-2-butene	53	9.852	9.852	0.000	86	4939	5.00	4.49	
110 N-Propylbenzene	91	9.916	9.916	0.000	99	78474	5.00	5.12	
111 2-Chlorotoluene	91	9.995	9.988	0.007	98	49487	5.00	5.18	
112 4-Ethyltoluene	105	10.124	10.123	0.001	99	64157	5.00	5.12	
113 4-Chlorotoluene	91	10.181	10.181	0.000	97	52265	5.00	5.43	
114 1,3,5-Trimethylbenzene	105	10.238	10.238	0.000	93	44999	5.00	5.01	
115 Butyl Methacrylate	87	10.524	10.524	0.000	94	17249	5.00	4.45	
116 tert-Butylbenzene	119	10.753	10.753	0.000	94	48827	5.00	5.10	
117 1,2,4-Trimethylbenzene	105	10.846	10.838	0.008	97	42151	5.00	4.89	
118 sec-Butylbenzene	105	11.125	11.124	0.001	99	67443	5.00	5.05	
119 1,3-Dichlorobenzene	146	11.218	11.217	0.001	95	32856	5.00	5.11	
* 120 1,4-Dichlorobenzene-d4	152	11.332	11.325	0.007	96	255785	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.361	11.360	0.001	94	31772	5.00	4.97	
122 4-Isopropyltoluene	119	11.382	11.382	0.000	98	51548	5.00	5.05	
123 1,2,3-Trimethylbenzene	105	11.482	11.482	0.000	98	41057	5.00	4.78	
124 Benzyl chloride	126	11.582	11.582	0.000	99	5293	5.00	4.09	
125 2,3-Dihydroindene	117	11.718	11.718	0.000	95	56920	5.00	5.11	
126 1,2-Dichlorobenzene	146	11.854	11.847	0.007	97	31270	5.00	5.10	
127 p-Diethylbenzene	119	11.911	11.911	0.000	94	24110	5.00	5.05	
128 n-Butylbenzene	92	11.933	11.932	0.001	98	21561	5.00	4.88	
129 1,2-Dibromo-3-Chloropropane	157	12.748	12.748	0.000	90	3417	5.00	4.38	
130 1,2,4,5-Tetramethylbenzene	119	12.776	12.776	0.000	97	21090	5.00	4.72	
131 1,3,5-Trichlorobenzene	180	12.969	12.969	0.000	96	14024	5.00	4.86	
132 1,2,4-Trichlorobenzene	180	13.541	13.534	0.007	94	11017	5.00	4.48	
133 Hexachlorobutadiene	225	13.713	13.713	0.000	93	7163	5.00	5.13	
134 Naphthalene	128	13.742	13.734	0.008	99	18858	5.00	4.07	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.949	13.942	0.007	95	10154	5.00	4.65	
S 137 1,2-Dichloroethene, Total	100				0		10.0	10.4	
S 138 Xylenes, Total	100				0		10.0	10.2	
S 139 Total BTEX	1				0		25.0	26.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

524freon_00035	Amount Added: 10.00	Units: uL		
ACROLEIN W_00122	Amount Added: 4.00	Units: uL		
GASES Li_00417	Amount Added: 10.00	Units: uL		
8260MIX1COMB_00135	Amount Added: 10.00	Units: uL		
8260ISNEW_00139	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent	

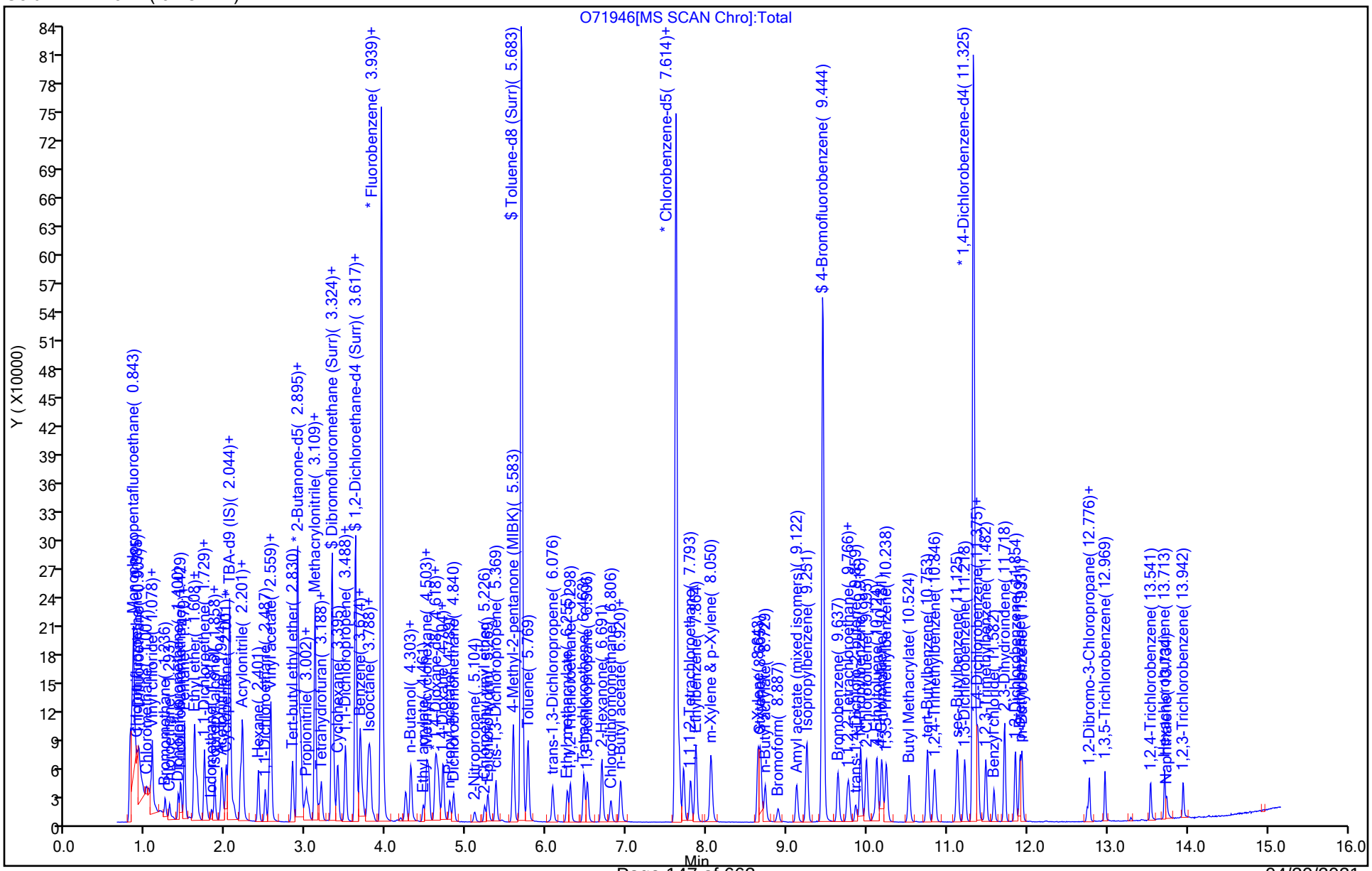
Report Date: 28-Apr-2021 20:29:53 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71946.D

Injection Date:	27-Apr-2021 23:30:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

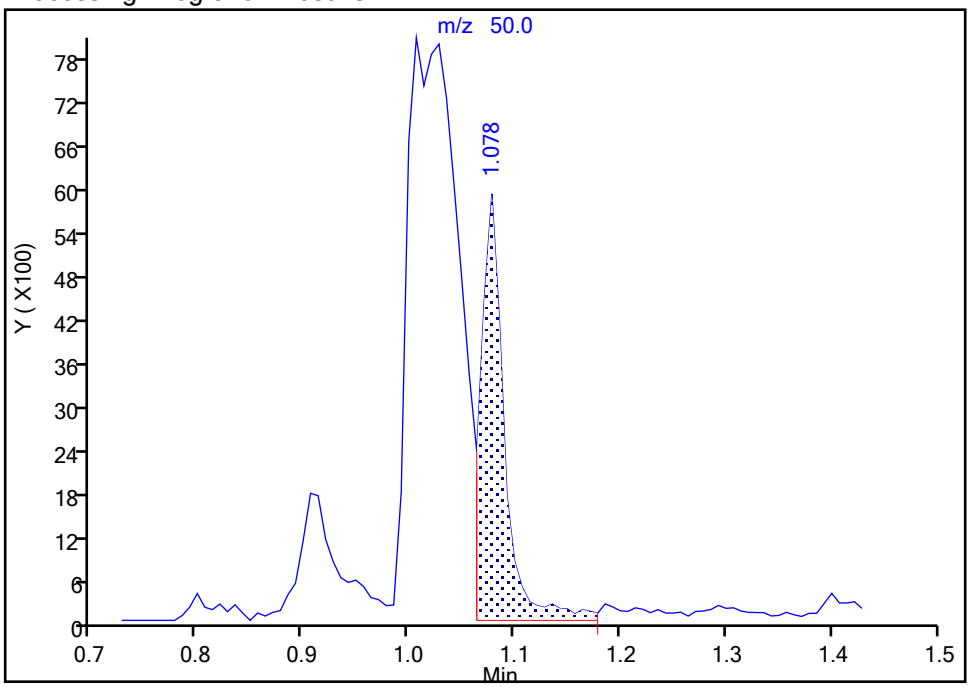
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71946.D
Injection Date: 27-Apr-2021 23:30:30 Instrument ID: CVOAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

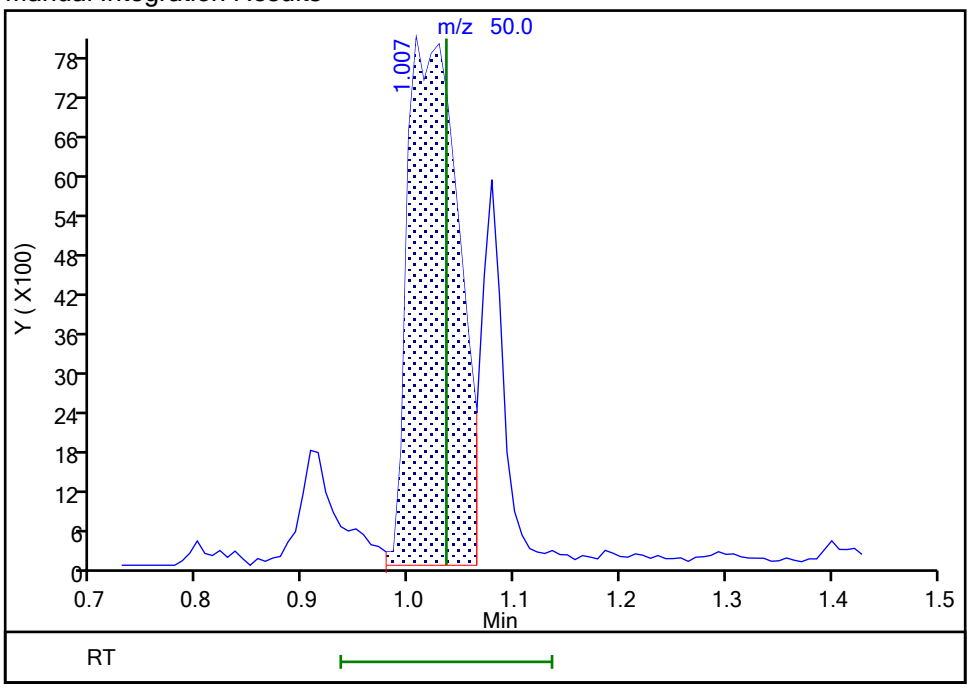
Processing Integration Results

RT: 1.08
Area: 9175
Amount: 2.262152
Amount Units: ug/l



Manual Integration Results

RT: 1.01
Area: 27248
Amount: 5.774791
Amount Units: ug/l



Reviewer: boykink, 28-Apr-2021 01:36:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71947.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 27-Apr-2021 23:55:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0127714-006
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Apr-2021 20:30:11 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: boykink Date: 28-Apr-2021 01:39:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.842	0.842	0.000	29	1669	NC	NC	a
2 Chlorotrifluoroethene	116	0.892	0.892	0.000	89	18340	20.0	17.7	
4 1,1-Difluoroethane	65	0.907	0.907	0.000	91	27658	NC	NC	
3 Dichlorodifluoromethane	85	0.907	0.907	0.000	99	84180	20.0	20.2	
5 Chlorodifluoromethane	67	0.935	0.935	0.000	96	12098	20.0	20.2	
6 Chloromethane	50	1.035	1.035	0.000	98	98601	20.0	21.2	M
7 Vinyl chloride	62	1.064	1.064	0.000	98	77269	20.0	20.8	
8 Butadiene	54	1.078	1.078	0.000	98	70050	20.0	20.3	
9 Bromomethane	94	1.236	1.236	0.000	98	37502	20.0	22.0	
10 Chloroethane	64	1.293	1.293	0.000	99	50077	20.0	22.4	
11 Dichlorofluoromethane	67	1.400	1.400	0.000	99	106506	20.0	21.0	
12 Trichlorofluoromethane	101	1.429	1.429	0.000	99	84400	20.0	20.5	
13 Pentane	72	1.479	1.479	0.000	96	19300	40.0	39.7	
14 Ethanol	46	1.543	1.543	0.000	96	12041	800.0	851.2	
15 Ethyl ether	59	1.600	1.600	0.000	95	46793	20.0	20.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.600	1.600	0.000	94	44722	20.0	20.3	
17 2-Methyl-1,3-butadiene	53	1.607	1.607	0.000	99	51667	20.0	20.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.636	1.636	0.000	96	69897	20.0	20.0	
19 Acrolein	56	1.672	1.672	0.000	88	3354	40.0	33.7	
20 1,1-Dichloroethene	96	1.729	1.729	0.000	98	45151	20.0	19.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.736	1.736	0.000	97	44705	20.0	19.9	
22 Acetone	58	1.758	1.758	0.000	86	18764	100.0	81.3	
23 Iodomethane	127	1.815	1.815	0.000	98	20027	20.0	12.4	
24 Isopropyl alcohol	45	1.843	1.843	0.000	98	27591	200.0	188.5	
25 Carbon disulfide	76	1.858	1.858	0.000	100	159371	20.0	19.8	
26 Acetonitrile	38	1.944	1.944	0.000	78	22264	200.0	204.8	
27 3-Chloro-1-propene	76	1.944	1.944	0.000	89	33725	20.0	18.3	
28 Methyl acetate	74	1.958	1.958	0.000	100	13813	40.0	39.5	
29 Cyclopentene	67	2.001	2.001	0.000	96	133107	20.0	20.6	
30 Methylene Chloride	84	2.022	2.022	0.000	94	56293	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.044	2.044	0.000	98	248188	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.101	2.101	0.000	99	50720	200.0	189.5	
33 Acrylonitrile	53	2.179	2.179	0.000	95	161031	200.0	199.4	
34 trans-1,2-Dichloroethene	96	2.201	2.201	0.000	98	51672	20.0	19.5	
35 Methyl tert-butyl ether	73	2.208	2.208	0.000	97	167427	20.0	20.5	
36 Hexane	57	2.401	2.401	0.000	93	74202	20.0	19.1	
37 1,1-Dichloroethane	63	2.487	2.487	0.000	100	101445	20.0	20.2	
38 Vinyl acetate	86	2.537	2.537	0.000	100	23232	40.0	40.7	
39 Isopropyl ether	45	2.558	2.558	0.000	89	204586	20.0	20.9	
40 2-Chloro-1,3-butadiene	88	2.558	2.558	0.000	92	52329	20.0	20.3	
41 Tert-butyl ethyl ether	59	2.830	2.830	0.000	89	189620	20.0	20.1	
* 43 2-Butanone-d5	46	2.894	2.894	0.000	98	342346	250.0	250.0	
44 2,2-Dichloropropane	97	2.923	2.923	0.000	84	18332	20.0	19.9	
45 cis-1,2-Dichloroethene	96	2.923	2.923	0.000	92	59495	20.0	20.0	
46 2-Butanone (MEK)	72	2.945	2.945	0.000	100	32393	100.0	96.1	
42 Propionitrile	52	2.980	2.980	0.000	98	13493	200.0	195.0	
47 Ethyl acetate	70	3.002	3.002	0.000	99	11591	40.0	39.8	
48 Methyl acrylate	55	3.030	3.030	0.000	99	53574	20.0	19.3	
50 Methacrylonitrile	67	3.109	3.109	0.000	94	231003	200.0	207.7	
49 Chlorobromomethane	128	3.116	3.116	0.000	92	28333	20.0	20.5	
51 Tetrahydrofuran	42	3.159	3.159	0.000	84	31661	40.0	35.5	
52 Chloroform	83	3.188	3.188	0.000	98	94159	20.0	20.1	
$ 53 Dibromofluoromethane (Surr)	113	3.324	3.324	0.000	97	140410	50.0	49.1	
54 1,1,1-Trichloroethane	97	3.345	3.345	0.000	99	82578	20.0	19.6	
55 Cyclohexane	84	3.395	3.395	0.000	93	79713	20.0	19.9	
56 Carbon tetrachloride	117	3.488	3.488	0.000	95	65074	20.0	19.3	
57 1,1-Dichloropropene	75	3.488	3.488	0.000	94	77896	20.0	19.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.617	3.617	0.000	0	172753	50.0	49.3	
61 Isobutyl alcohol	43	3.624	3.624	0.000	95	63786	500.0	494.1	
59 Benzene	78	3.674	3.674	0.000	97	225456	20.0	20.1	
60 1,2-Dichloroethane	62	3.681	3.681	0.000	97	77437	20.0	19.9	
62 Isooctane	57	3.774	3.774	0.000	97	136675	20.0	20.0	
63 Isopropyl acetate	61	3.781	3.781	0.000	97	22007	20.0	20.2	
64 Tert-amyl methyl ether	73	3.803	3.803	0.000	99	175109	20.0	20.4	
* 65 Fluorobenzene	96	3.938	3.938	0.000	98	580565	50.0	50.0	
66 n-Heptane	43	3.960	3.960	0.000	95	59496	20.0	18.7	
68 n-Butanol	56	4.289	4.289	0.000	90	41655	500.0	467.8	
67 Trichloroethene	95	4.303	4.303	0.000	97	57372	20.0	19.8	
69 Ethyl acrylate	55	4.460	4.460	0.000	98	78389	20.0	20.3	
70 Methylcyclohexane	83	4.503	4.503	0.000	94	89818	20.0	19.9	
71 1,2-Dichloropropane	63	4.525	4.525	0.000	92	62246	20.0	20.3	
* 72 1,4-Dioxane-d8	96	4.639	4.639	0.000	0	33727	1000.0	1000.0	
73 Dibromomethane	93	4.646	4.646	0.000	97	34299	20.0	20.4	
74 1,4-Dioxane	88	4.696	4.696	0.000	28	13893	400.0	419.8	a
75 Methyl methacrylate	100	4.711	4.711	0.000	92	33478	40.0	41.5	
76 n-Propyl acetate	43	4.789	4.789	0.000	99	90256	20.0	20.0	
77 Dichlorobromomethane	83	4.839	4.839	0.000	99	74265	20.0	20.3	
78 2-Nitropropane	41	5.104	5.104	0.000	99	29441	40.0	37.3	
79 2-Chloroethyl vinyl ether	63	5.225	5.225	0.000	95	39737	20.0	20.6	
80 Epichlorohydrin	57	5.261	5.261	0.000	99	116484	400.0	411.6	
81 cis-1,3-Dichloropropene	75	5.368	5.368	0.000	96	100592	20.0	20.5	
82 4-Methyl-2-pentanone (MIBK)	43	5.583	5.583	0.000	98	310288	100.0	102.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.683	5.683	0.000	99	581769	50.0	49.9	
84 Toluene	91	5.769	5.769	0.000	94	243694	20.0	20.0	
85 trans-1,3-Dichloropropene	75	6.069	6.069	0.000	98	91998	20.0	20.3	
86 Ethyl methacrylate	69	6.255	6.255	0.000	91	79791	20.0	20.4	
87 1,1,2-Trichloroethane	83	6.298	6.298	0.000	92	44695	20.0	20.7	
88 Tetrachloroethene	166	6.462	6.462	0.000	96	60418	20.0	19.9	
89 1,3-Dichloropropane	76	6.505	6.505	0.000	95	95977	20.0	20.7	
90 2-Hexanone	43	6.684	6.684	0.000	97	215226	100.0	100.2	
91 Chlorodibromomethane	129	6.799	6.799	0.000	98	54158	20.0	20.0	
92 n-Butyl acetate	43	6.920	6.920	0.000	98	102367	20.0	20.5	
93 Ethylene Dibromide	107	6.927	6.927	0.000	99	55580	20.0	20.6	
* 94 Chlorobenzene-d5	117	7.614	7.614	0.000	87	475921	50.0	50.0	
95 Chlorobenzene	112	7.657	7.657	0.000	94	162105	20.0	20.0	
96 1,1,1,2-Tetrachloroethane	131	7.792	7.792	0.000	94	55467	20.0	20.3	
97 Ethylbenzene	106	7.864	7.864	0.000	99	86722	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.050	8.050	0.000	99	109891	20.0	20.1	
99 o-Xylene	106	8.636	8.636	0.000	94	109268	20.0	20.3	
100 Styrene	104	8.665	8.665	0.000	95	185830	20.0	20.8	
101 n-Butyl acrylate	73	8.729	8.729	0.000	97	46860	20.0	21.1	
102 Bromoform	173	8.886	8.886	0.000	96	34368	20.0	19.5	
103 Amyl acetate (mixed isomers)	43	9.115	9.115	0.000	90	123362	20.0	21.0	
104 Isopropylbenzene	105	9.251	9.251	0.000	96	276642	20.0	20.5	
$ 105 4-Bromofluorobenzene	174	9.444	9.444	0.000	89	187862	50.0	49.7	
106 Bromobenzene	156	9.637	9.637	0.000	97	70749	20.0	20.1	
107 1,1,2,2-Tetrachloroethane	83	9.752	9.752	0.000	97	71593	20.0	20.6	
108 1,2,3-Trichloropropane	110	9.773	9.773	0.000	97	21643	20.0	20.7	
109 trans-1,4-Dichloro-2-butene	53	9.852	9.852	0.000	89	22357	20.0	20.5	
110 N-Propylbenzene	91	9.916	9.916	0.000	99	310094	20.0	20.4	
111 2-Chlorotoluene	91	9.988	9.988	0.000	98	190067	20.0	20.1	
112 4-Ethyltoluene	105	10.123	10.123	0.000	99	250596	20.0	20.2	
113 4-Chlorotoluene	91	10.181	10.181	0.000	97	195778	20.0	20.5	
114 1,3,5-Trimethylbenzene	105	10.238	10.238	0.000	93	176191	20.0	19.8	
115 Butyl Methacrylate	87	10.524	10.524	0.000	94	77775	20.0	20.2	
116 tert-Butylbenzene	119	10.753	10.753	0.000	95	191990	20.0	20.2	
117 1,2,4-Trimethylbenzene	105	10.838	10.838	0.000	98	166856	20.0	19.5	
118 sec-Butylbenzene	105	11.124	11.124	0.000	99	265943	20.0	20.1	
119 1,3-Dichlorobenzene	146	11.217	11.217	0.000	95	128207	20.0	20.1	
* 120 1,4-Dichlorobenzene-d4	152	11.325	11.325	0.000	96	253678	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.360	11.360	0.000	96	125161	20.0	19.7	
122 4-Isopropyltoluene	119	11.382	11.382	0.000	98	201662	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	11.482	11.482	0.000	99	168653	20.0	19.8	
124 Benzyl chloride	126	11.582	11.582	0.000	98	25121	20.0	19.6	
125 2,3-Dihydroindene	117	11.718	11.718	0.000	95	227181	20.0	20.6	
126 1,2-Dichlorobenzene	146	11.847	11.847	0.000	95	122573	20.0	20.1	
127 p-Diethylbenzene	119	11.911	11.911	0.000	92	93830	20.0	19.8	
128 n-Butylbenzene	92	11.932	11.932	0.000	97	86340	20.0	19.7	
129 1,2-Dibromo-3-Chloropropane	157	12.748	12.748	0.000	93	14909	20.0	19.3	
130 1,2,4,5-Tetramethylbenzene	119	12.776	12.776	0.000	97	85963	20.0	19.4	
131 1,3,5-Trichlorobenzene	180	12.969	12.969	0.000	97	55631	20.0	19.4	
132 1,2,4-Trichlorobenzene	180	13.534	13.534	0.000	94	46182	20.0	19.0	
133 Hexachlorobutadiene	225	13.713	13.713	0.000	93	27405	20.0	19.8	
134 Naphthalene	128	13.734	13.734	0.000	99	86371	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.942	13.942	0.000	94	40598	20.0	18.8	
S 137 1,2-Dichloroethene, Total	100				0		40.0	39.5	
S 138 Xylenes, Total	100				0		40.0	40.4	
S 139 Total BTEX	1				0		100.0	100.4	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00122	Amount Added:	4.00	Units: uL	
524freon_00035	Amount Added:	20.00	Units: uL	
GASES Li_00417	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00135	Amount Added:	20.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 28-Apr-2021 20:30:13 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71947.D

Injection Date: 27-Apr-2021 23:55:30 Instrument ID: CVOAMS12 Operator ID:

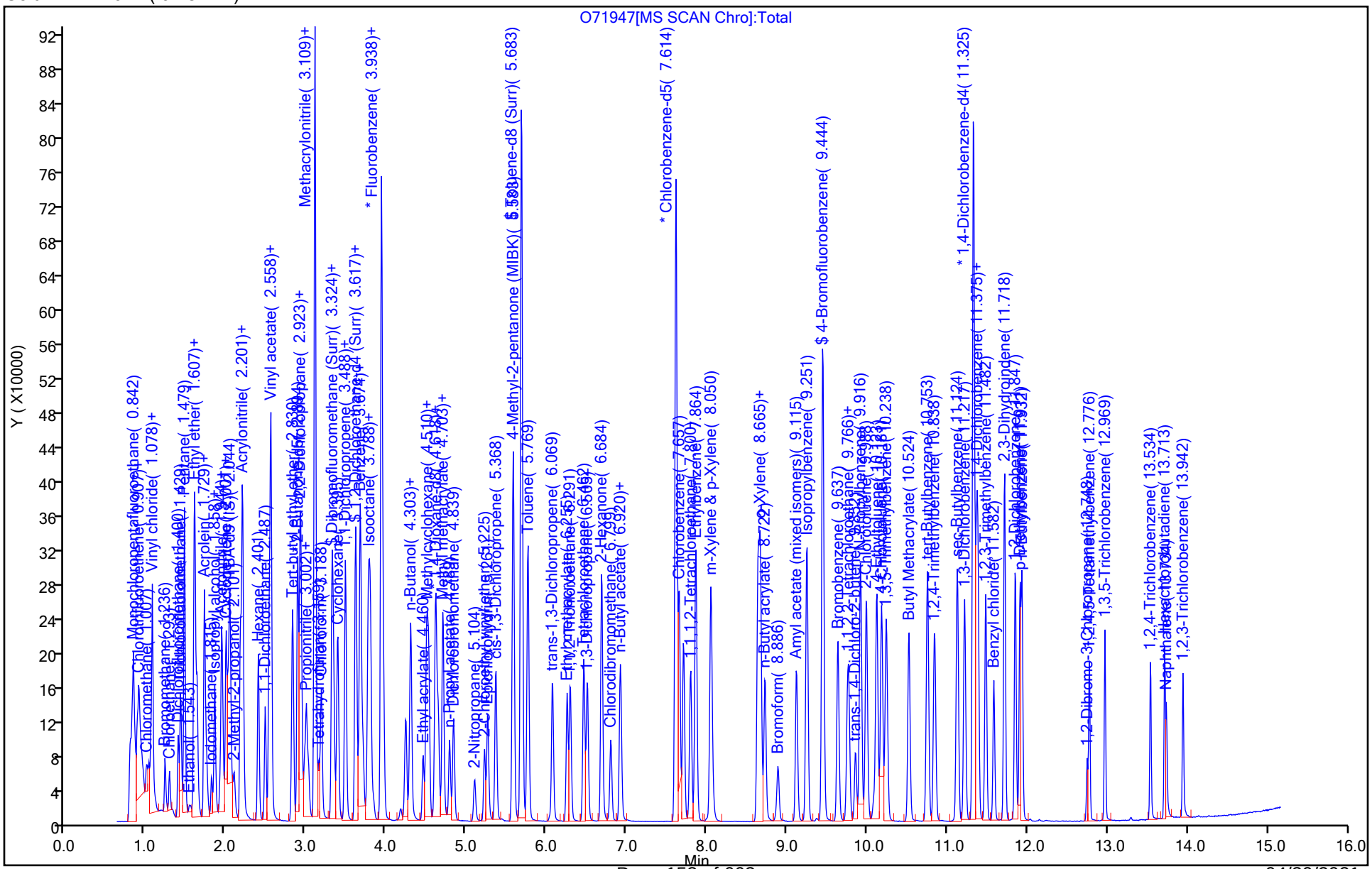
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

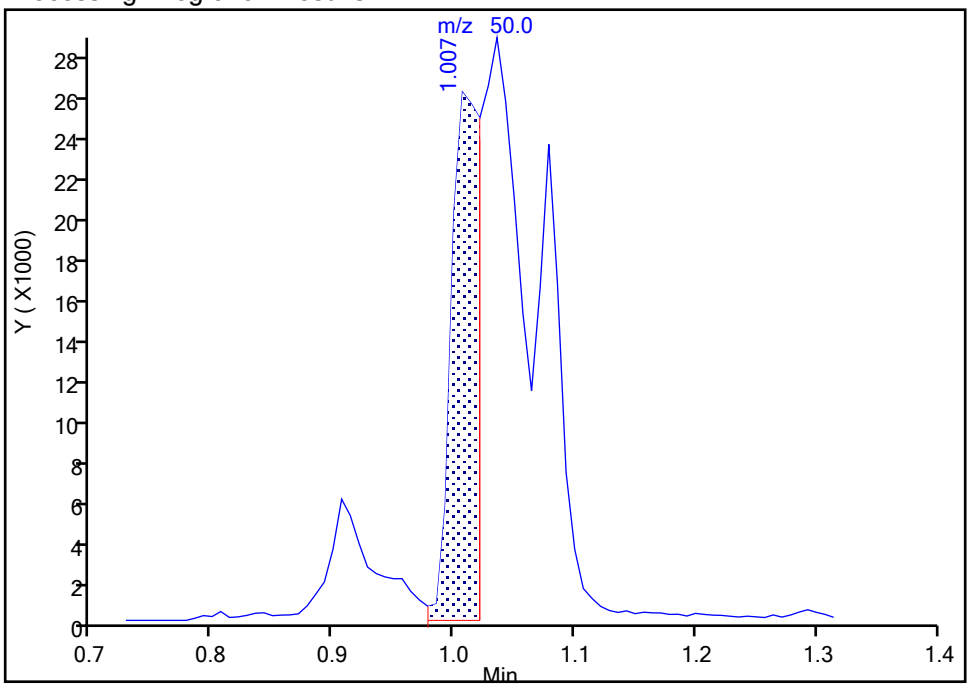
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71947.D
Injection Date: 27-Apr-2021 23:55:30 Instrument ID: CVOAMS12
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

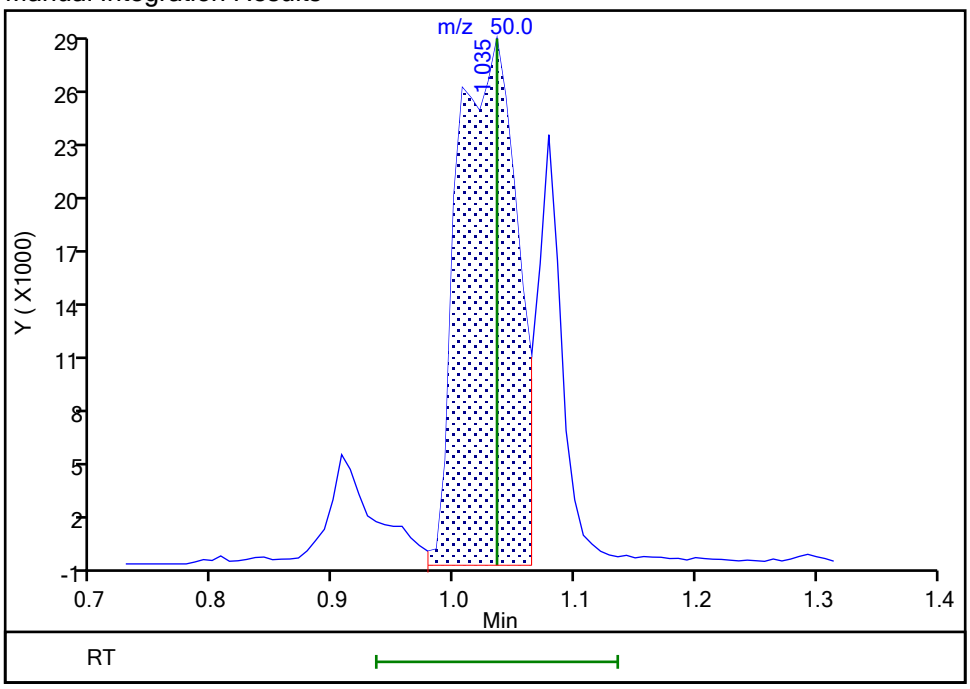
Processing Integration Results

RT: 1.01
Area: 43923
Amount: 11.483139
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 98601
Amount: 21.214851
Amount Units: ug/l



Reviewer: martineze, 28-Apr-2021 14:23:05
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

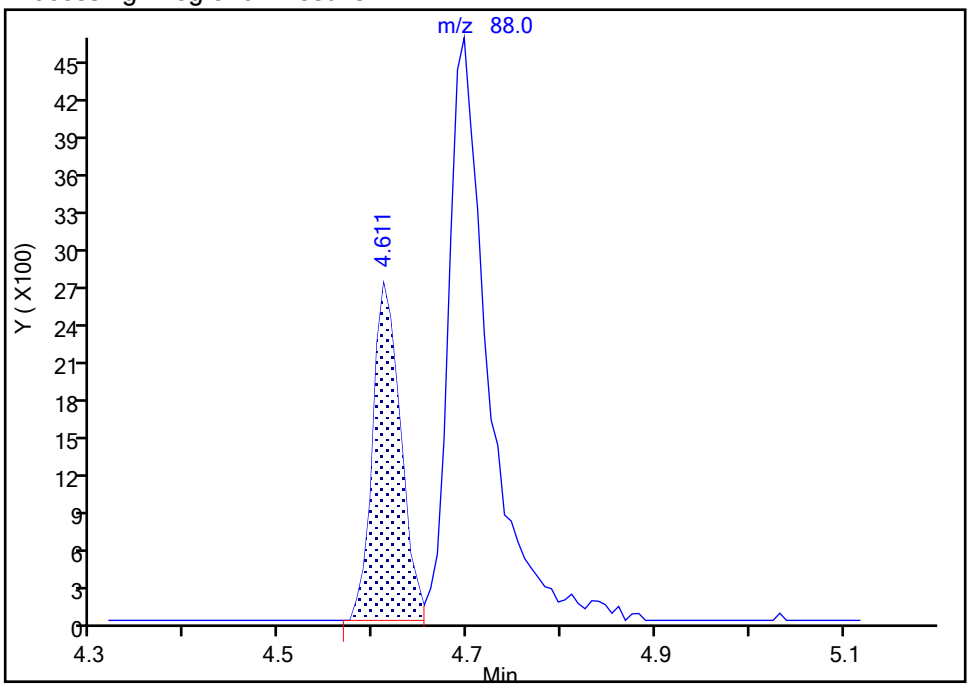
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71947.D
Injection Date: 27-Apr-2021 23:55:30 Instrument ID: CVOAMS12
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 1,4-Dioxane, CAS: 123-91-1

Signal: 1

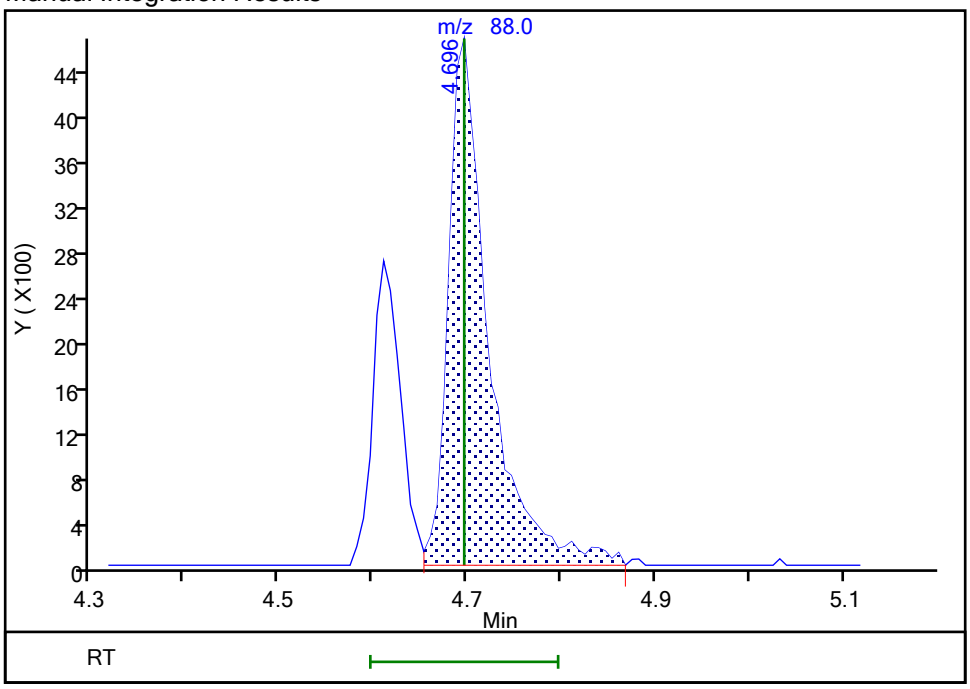
Processing Integration Results

RT: 4.61
Area: 5550
Amount: 210.7836
Amount Units: ug/l



Manual Integration Results

RT: 4.70
Area: 13893
Amount: 419.7807
Amount Units: ug/l



Reviewer: boykink, 28-Apr-2021 01:38:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71948.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Apr-2021 00:21:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0127714-007
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Apr-2021 20:30:34 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: boykink Date: 28-Apr-2021 01:40:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.835	0.842	-0.007	94	4670	NC	NC	
2 Chlorotrifluoroethene	116	0.892	0.892	0.000	94	50327	50.0	49.2	
4 1,1-Difluoroethane	65	0.900	0.907	-0.007	98	68728	NC	NC	a
3 Dichlorodifluoromethane	85	0.907	0.907	0.000	99	231136	50.0	55.4	
5 Chlorodifluoromethane	67	0.921	0.935	-0.014	96	29630	50.0	49.3	
6 Chloromethane	50	1.035	1.035	0.000	99	231407	50.0	49.8	
7 Vinyl chloride	62	1.064	1.064	0.000	98	190371	50.0	51.2	
8 Butadiene	54	1.078	1.078	0.000	98	178438	50.0	51.6	
9 Bromomethane	94	1.236	1.236	0.000	99	72432	50.0	42.4	
10 Chloroethane	64	1.286	1.293	-0.007	100	119535	50.0	53.4	
11 Dichlorofluoromethane	67	1.400	1.400	0.000	98	259393	50.0	51.1	
12 Trichlorofluoromethane	101	1.429	1.429	0.000	99	214283	50.0	52.0	
13 Pentane	72	1.479	1.479	0.000	97	52266	100.0	107.6	
14 Ethanol	46	1.550	1.543	0.007	98	29076	2000.0	2070.9	
15 Ethyl ether	59	1.600	1.600	0.000	94	114428	50.0	50.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.600	1.600	0.000	92	111463	50.0	50.7	
17 2-Methyl-1,3-butadiene	53	1.607	1.607	0.000	99	132222	50.0	52.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.636	1.636	0.000	96	169339	50.0	48.4	
19 Acrolein	56	1.665	1.672	-0.007	79	7170	100.0	72.0	
20 1,1-Dichloroethene	96	1.722	1.729	-0.007	96	111101	50.0	48.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.729	1.736	-0.007	98	115667	50.0	51.5	
22 Acetone	58	1.758	1.758	0.000	86	46785	250.0	205.4	
23 Iodomethane	127	1.815	1.815	0.000	98	58252	50.0	36.4	
24 Isopropyl alcohol	45	1.851	1.843	0.008	98	70427	500.0	481.5	
25 Carbon disulfide	76	1.858	1.858	0.000	100	401735	50.0	49.9	
26 Acetonitrile	38	1.944	1.944	0.000	84	55315	500.0	509.2	
27 3-Chloro-1-propene	76	1.944	1.944	0.000	91	92366	50.0	50.2	
28 Methyl acetate	74	1.958	1.958	0.000	100	34363	100.0	98.4	
29 Cyclopentene	67	2.001	2.001	0.000	96	330991	50.0	51.1	
30 Methylene Chloride	84	2.022	2.022	0.000	94	139524	50.0	48.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.051	2.044	0.007	98	248021	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.101	2.101	0.000	99	126224	500.0	472.0	
33 Acrylonitrile	53	2.179	2.179	0.000	94	414872	500.0	513.6	
34 trans-1,2-Dichloroethene	96	2.201	2.201	0.000	97	131208	50.0	49.4	
35 Methyl tert-butyl ether	73	2.208	2.208	0.000	97	408859	50.0	50.1	
36 Hexane	57	2.401	2.401	0.000	93	202294	50.0	52.0	
37 1,1-Dichloroethane	63	2.487	2.487	0.000	100	250701	50.0	50.0	
38 Vinyl acetate	86	2.537	2.537	0.000	100	56360	100.0	99.9	
39 Isopropyl ether	45	2.558	2.558	0.000	96	499752	50.0	51.0	
40 2-Chloro-1,3-butadiene	88	2.558	2.558	0.000	68	131581	50.0	51.0	
41 Tert-butyl ethyl ether	59	2.830	2.830	0.000	89	480090	50.0	51.0	
* 43 2-Butanone-d5	46	2.895	2.894	0.001	98	338114	250.0	250.0	
44 2,2-Dichloropropane	97	2.923	2.923	0.000	87	44500	50.0	48.3	
45 cis-1,2-Dichloroethene	96	2.923	2.923	0.000	92	147097	50.0	49.5	
46 2-Butanone (MEK)	72	2.945	2.945	0.000	100	80338	250.0	241.4	
42 Propionitrile	52	2.980	2.980	0.000	98	33282	500.0	481.3	
47 Ethyl acetate	70	3.002	3.002	0.000	99	28414	100.0	98.9	
48 Methyl acrylate	55	3.030	3.030	0.000	99	136207	50.0	49.2	
50 Methacrylonitrile	67	3.109	3.109	0.000	94	560433	500.0	503.8	
49 Chlorobromomethane	128	3.116	3.116	0.000	92	69215	50.0	50.1	
51 Tetrahydrofuran	42	3.159	3.159	0.000	95	79913	100.0	90.8	
52 Chloroform	83	3.188	3.188	0.000	98	231630	50.0	49.3	
$ 53 Dibromofluoromethane (Surr)	113	3.324	3.324	0.000	97	140265	50.0	49.1	
54 1,1,1-Trichloroethane	97	3.338	3.345	-0.007	99	211787	50.0	50.1	
55 Cyclohexane	84	3.395	3.395	0.000	93	211024	50.0	52.8	
56 Carbon tetrachloride	117	3.488	3.488	0.000	95	172675	50.0	51.1	
57 1,1-Dichloropropene	75	3.488	3.488	0.000	95	195539	50.0	49.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.617	3.617	0.000	0	171643	50.0	49.0	
61 Isobutyl alcohol	43	3.631	3.624	0.007	98	165972	1250.0	1286.5	
59 Benzene	78	3.674	3.674	0.000	96	565856	50.0	49.8	
60 1,2-Dichloroethane	62	3.681	3.681	0.000	97	192520	50.0	49.4	
62 Isooctane	57	3.774	3.774	0.000	94	367710	50.0	53.7	
63 Isopropyl acetate	61	3.781	3.781	0.000	97	55891	50.0	51.4	
64 Tert-amyl methyl ether	73	3.803	3.803	0.000	92	436498	50.0	51.0	
* 65 Fluorobenzene	96	3.938	3.938	0.000	98	580697	50.0	50.0	
66 n-Heptane	43	3.960	3.960	0.000	94	164111	50.0	51.6	
68 n-Butanol	56	4.289	4.289	0.000	90	109273	1250.0	1228.1	
67 Trichloroethene	95	4.303	4.303	0.000	97	147014	50.0	50.7	
69 Ethyl acrylate	55	4.453	4.460	-0.007	98	208413	50.0	54.1	
70 Methylcyclohexane	83	4.503	4.503	0.000	95	243214	50.0	53.8	
71 1,2-Dichloropropane	63	4.525	4.525	0.000	92	152325	50.0	49.8	
* 72 1,4-Dioxane-d8	96	4.639	4.639	0.000	0	33485	1000.0	1000.0	
73 Dibromomethane	93	4.646	4.646	0.000	97	85341	50.0	50.8	
74 1,4-Dioxane	88	4.696	4.696	0.000	94	34133	1000.0	1038.8	
75 Methyl methacrylate	100	4.704	4.711	-0.007	92	83586	100.0	103.5	
76 n-Propyl acetate	43	4.789	4.789	0.000	99	229083	50.0	50.8	
77 Dichlorobromomethane	83	4.839	4.839	0.000	99	188328	50.0	51.5	
78 2-Nitropropane	41	5.097	5.104	-0.007	99	81459	100.0	103.2	
79 2-Chloroethyl vinyl ether	63	5.225	5.225	0.000	96	106059	50.1	55.0	
80 Epichlorohydrin	57	5.261	5.261	0.000	99	299972	1000.0	1073.3	
81 cis-1,3-Dichloropropene	75	5.369	5.368	0.000	96	255261	50.0	51.3	
82 4-Methyl-2-pentanone (MIBK)	43	5.583	5.583	0.000	97	779219	250.0	259.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.683	5.683	0.000	99	579117	50.0	49.1	
84 Toluene	91	5.769	5.769	0.000	94	614740	50.0	49.9	
85 trans-1,3-Dichloropropene	75	6.069	6.069	0.000	98	239849	50.0	52.3	
86 Ethyl methacrylate	69	6.255	6.255	0.000	91	209385	50.0	52.9	
87 1,1,2-Trichloroethane	83	6.291	6.298	-0.007	93	113700	50.0	51.9	
88 Tetrachloroethene	166	6.462	6.462	0.000	97	150875	50.0	49.1	
89 1,3-Dichloropropane	76	6.505	6.505	0.000	96	240228	50.0	51.3	
90 2-Hexanone	43	6.684	6.684	0.000	97	548818	250.0	258.6	
91 Chlorodibromomethane	129	6.799	6.799	0.001	98	143368	50.0	52.2	
92 n-Butyl acetate	43	6.920	6.920	0.000	99	257924	50.0	51.0	
93 Ethylene Dibromide	107	6.927	6.927	0.000	99	138363	50.0	50.6	
* 94 Chlorobenzene-d5	117	7.614	7.614	0.000	88	482175	50.0	50.0	
95 Chlorobenzene	112	7.657	7.657	0.000	94	409307	50.0	49.8	
96 1,1,1,2-Tetrachloroethane	131	7.800	7.792	0.008	94	141875	50.0	51.3	
97 Ethylbenzene	106	7.864	7.864	0.000	98	219971	50.0	49.8	
98 m-Xylene & p-Xylene	106	8.050	8.050	0.000	99	276655	50.0	49.9	
99 o-Xylene	106	8.636	8.636	0.000	94	276126	50.0	50.6	
100 Styrene	104	8.665	8.665	0.000	95	470819	50.0	52.1	
101 n-Butyl acrylate	73	8.722	8.729	-0.007	97	119203	50.0	52.9	
102 Bromoform	173	8.886	8.886	0.000	96	94227	50.0	52.8	
103 Amyl acetate (mixed isomers)	43	9.115	9.115	0.000	90	320697	50.0	53.9	
104 Isopropylbenzene	105	9.251	9.251	0.000	96	694530	50.0	50.8	
$ 105 4-Bromofluorobenzene	174	9.451	9.444	0.007	90	190578	50.0	49.7	
106 Bromobenzene	156	9.637	9.637	0.000	97	177864	50.0	49.8	
107 1,1,2,2-Tetrachloroethane	83	9.752	9.752	0.000	98	179481	50.0	51.1	
108 1,2,3-Trichloropropane	110	9.773	9.773	0.000	97	54261	50.0	51.3	
109 trans-1,4-Dichloro-2-butene	53	9.852	9.852	0.000	90	57289	50.0	51.9	
110 N-Propylbenzene	91	9.916	9.916	0.000	99	778641	50.0	50.7	
111 2-Chlorotoluene	91	9.995	9.988	0.007	98	474074	50.0	49.5	
112 4-Ethyltoluene	105	10.123	10.123	0.000	99	634582	50.0	50.5	
113 4-Chlorotoluene	91	10.181	10.181	0.000	97	481401	50.0	49.8	
114 1,3,5-Trimethylbenzene	105	10.238	10.238	0.000	93	446892	50.0	49.6	
115 Butyl Methacrylate	87	10.524	10.524	0.000	94	211354	50.0	54.4	
116 tert-Butylbenzene	119	10.753	10.753	0.000	95	488424	50.0	50.8	
117 1,2,4-Trimethylbenzene	105	10.846	10.838	0.008	98	433276	50.0	50.1	
118 sec-Butylbenzene	105	11.124	11.124	0.000	99	687410	50.0	51.2	
119 1,3-Dichlorobenzene	146	11.217	11.217	0.000	95	323195	50.0	50.0	
* 120 1,4-Dichlorobenzene-d4	152	11.332	11.325	0.007	96	256763	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.360	11.360	0.000	94	317496	50.0	49.5	
122 4-Isopropyltoluene	119	11.382	11.382	0.000	98	516002	50.0	50.4	
123 1,2,3-Trimethylbenzene	105	11.482	11.482	0.000	99	437438	50.0	50.8	
124 Benzyl chloride	126	11.582	11.582	0.000	98	68481	50.0	52.8	
125 2,3-Dihydroindene	117	11.718	11.718	0.000	95	576295	50.0	51.5	
126 1,2-Dichlorobenzene	146	11.847	11.847	0.000	95	310797	50.0	50.5	
127 p-Diethylbenzene	119	11.911	11.911	0.000	93	243542	50.0	50.8	
128 n-Butylbenzene	92	11.932	11.932	0.000	98	222971	50.0	50.3	
129 1,2-Dibromo-3-Chloropropane	157	12.748	12.748	0.000	94	40556	50.0	51.8	
130 1,2,4,5-Tetramethylbenzene	119	12.776	12.776	0.000	97	225295	50.0	50.3	
131 1,3,5-Trichlorobenzene	180	12.969	12.969	0.000	97	146676	50.0	50.6	
132 1,2,4-Trichlorobenzene	180	13.534	13.534	0.000	94	122866	50.0	49.8	
133 Hexachlorobutadiene	225	13.713	13.713	0.000	93	70728	50.0	50.5	
134 Naphthalene	128	13.734	13.734	0.000	99	236036	50.0	50.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.942	13.942	0.000	95	108668	50.0	49.6	
S 137 1,2-Dichloroethene, Total	100				0		100.0	98.9	
S 138 Xylenes, Total	100				0		100.0	100.5	
S 139 Total BTEX	1				0		250.0	249.9	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00122	Amount Added:	10.00	Units: uL	
GASES Li_00417	Amount Added:	50.00	Units: uL	
524freon_00035	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00135	Amount Added:	50.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 28-Apr-2021 20:30:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71948.D

Injection Date: 28-Apr-2021 00:21:30 Instrument ID: CVOAMS12 Operator ID:

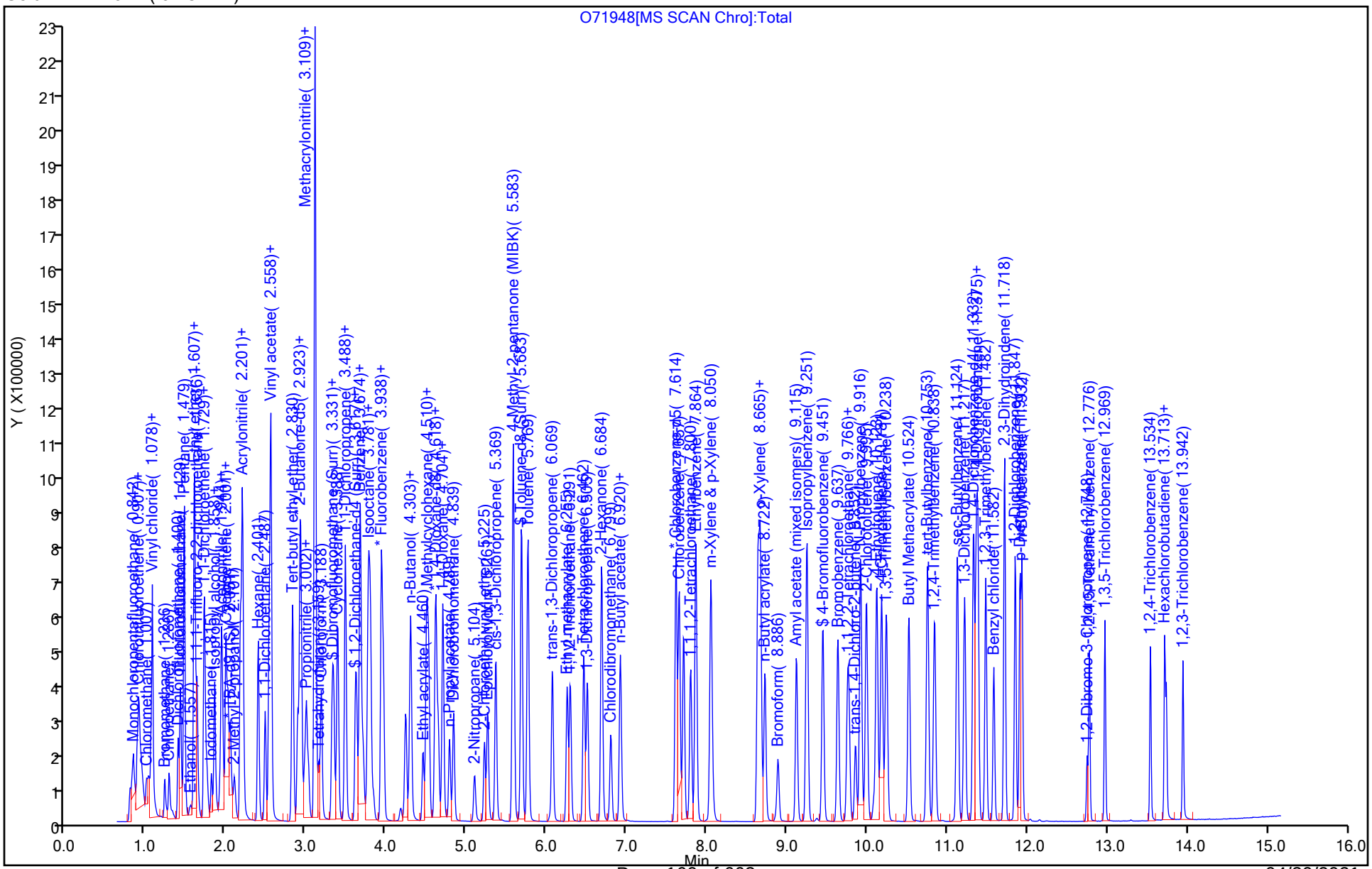
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71949.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 28-Apr-2021 00:46:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0127714-008
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Apr-2021 20:30:58 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: boykink Date: 28-Apr-2021 01:41:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.835	0.842	-0.007	97	125855	NC	NC	a
2 Chlorotrifluoroethene	116	0.885	0.892	-0.007	95	581845	500.0	566.5	
4 1,1-Difluoroethane	65	0.892	0.907	-0.015	97	675285	NC	NC	a
3 Dichlorodifluoromethane	85	0.907	0.907	0.000	99	1976666	500.0	454.5	a
5 Chlorodifluoromethane	67	0.921	0.935	-0.014	96	276104	500.0	441.3	
6 Chloromethane	50	1.028	1.035	-0.007	99	1872606	500.0	386.7	
7 Vinyl chloride	62	1.064	1.064	0.000	98	1684055	500.0	434.7	
8 Butadiene	54	1.085	1.078	0.007	98	1620639	500.0	450.1	
9 Bromomethane	94	1.228	1.236	-0.008	99	621095	500.0	349.3	
10 Chloroethane	64	1.286	1.293	-0.007	100	854335	500.0	366.0	
11 Dichlorofluoromethane	67	1.400	1.400	0.000	99	2414155	500.0	456.3	
12 Trichlorofluoromethane	101	1.429	1.429	0.000	99	1912130	500.0	445.4	
13 Pentane	72	1.472	1.479	-0.007	96	454550	1000.0	898.4	
14 Ethanol	46	1.593	1.543	0.050	96	280642	20000	20006	
15 Ethyl ether	59	1.600	1.600	0.000	95	1135251	500.0	475.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.607	1.600	0.007	80	1041633	500.0	454.7	
17 2-Methyl-1,3-butadiene	53	1.607	1.607	0.000	93	1199766	500.0	452.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.636	1.636	0.000	95	1759389	500.0	483.0	
19 Acrolein	56	1.672	1.672	0.000	55	42486	400.0	384.2	
20 1,1-Dichloroethene	96	1.729	1.729	0.000	98	1169924	500.0	489.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.729	1.736	-0.007	98	1122352	500.0	479.5	
22 Acetone	58	1.765	1.758	0.007	86	696322	2500.0	3046.8	
23 Iodomethane	127	1.815	1.815	0.000	99	599642	500.0	498.0	
24 Isopropyl alcohol	45	1.886	1.843	0.043	99	868523	5000.0	5343.4	
25 Carbon disulfide	76	1.858	1.858	0.000	100	3876993	500.0	462.5	
26 Acetonitrile	38	1.943	1.944	-0.001	85	472800	5000.0	3917.0	
27 3-Chloro-1-propene	76	1.943	1.944	-0.001	92	1030769	500.0	537.4	
28 Methyl acetate	74	1.965	1.958	0.007	100	397969	1000.0	1025.6	
29 Cyclopentene	67	1.993	2.001	-0.008	96	3030222	500.0	449.4	
30 Methylene Chloride	84	2.022	2.022	0.000	93	1384217	500.0	460.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.072	2.044	0.028	98	275594	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.122	2.101	0.021	99	1418800	5000.0	4774.3	
33 Acrylonitrile	53	2.194	2.179	0.015	95	4696672	5000.0	5581.0	
34 trans-1,2-Dichloroethene	96	2.201	2.201	0.000	95	1342755	500.0	485.2	
35 Methyl tert-butyl ether	73	2.215	2.208	0.007	97	3957951	500.0	465.7	
36 Hexane	57	2.401	2.401	0.000	94	1988553	500.0	490.6	
37 1,1-Dichloroethane	63	2.494	2.487	0.007	100	2520956	500.0	482.5	
38 Vinyl acetate	86	2.537	2.537	0.000	100	560874	1000.0	991.1	
39 Isopropyl ether	45	2.558	2.558	0.000	87	4546636	500.0	445.6	
40 2-Chloro-1,3-butadiene	88	2.558	2.558	0.000	91	1293597	500.0	481.0	
41 Tert-butyl ethyl ether	59	2.830	2.830	0.000	90	4590990	500.0	467.9	
* 43 2-Butanone-d5	46	2.902	2.894	0.008	96	339182	250.0	250.0	
44 2,2-Dichloropropane	97	2.930	2.923	0.007	93	460432	500.0	479.8	
45 cis-1,2-Dichloroethene	96	2.930	2.923	0.007	96	1500253	500.0	484.5	
46 2-Butanone (MEK)	72	2.952	2.945	0.007	100	851514	2500.0	2550.1	
42 Propionitrile	52	3.009	2.980	0.029	97	352324	5000.0	4584.9	
47 Ethyl acetate	70	3.016	3.002	0.014	100	289137	1000.0	1002.8	
48 Methyl acrylate	55	3.037	3.030	0.007	100	1596748	500.0	553.4	
50 Methacrylonitrile	67	3.138	3.109	0.029	92	5534076	5000.0	4775.5	
49 Chlorobromomethane	128	3.130	3.116	0.014	92	686908	500.0	476.9	
51 Tetrahydrofuran	42	3.173	3.159	0.014	96	1095556	1000.0	1241.2	
52 Chloroform	83	3.195	3.188	0.007	98	2301057	500.0	470.5	
$ 53 Dibromofluoromethane (Surr)	113	3.331	3.324	0.007	97	149787	50.0	50.3	
54 1,1,1-Trichloroethane	97	3.345	3.345	0.000	99	2162943	500.0	491.6	
55 Cyclohexane	84	3.395	3.395	0.000	92	2027843	500.0	486.9	
56 Carbon tetrachloride	117	3.488	3.488	0.000	95	1800484	500.0	511.5	
57 1,1-Dichloropropene	75	3.495	3.488	0.007	94	1937341	500.0	467.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.617	3.617	0.000	0	181625	50.0	49.7	
61 Isobutyl alcohol	43	3.660	3.624	0.036	97	1783919	12500	12444	
59 Benzene	78	3.674	3.674	0.000	97	5520068	500.0	449.6	
60 1,2-Dichloroethane	62	3.688	3.681	0.007	97	1847349	500.0	454.8	
62 Isooctane	57	3.774	3.774	0.000	99	3378726	500.0	473.4	
63 Isopropyl acetate	61	3.788	3.781	0.007	93	555000	500.0	489.9	
64 Tert-amyl methyl ether	73	3.810	3.803	0.007	92	4180770	500.0	468.4	
* 65 Fluorobenzene	96	3.946	3.938	0.008	99	604941	50.0	50.0	
66 n-Heptane	43	3.967	3.960	0.007	93	1656596	500.0	499.9	
68 n-Butanol	56	4.317	4.289	0.028	89	1104092	12500	11167	
67 Trichloroethene	95	4.310	4.303	0.007	98	1450659	500.0	480.0	
69 Ethyl acrylate	55	4.467	4.460	0.007	99	2207375	500.0	549.7	
70 Methylcyclohexane	83	4.510	4.503	0.007	95	2299418	500.0	488.0	
71 1,2-Dichloropropane	63	4.539	4.525	0.014	92	1481220	500.0	464.7	
* 72 1,4-Dioxane-d8	96	4.653	4.639	0.014	0	39663	1000.0	1000.0	
73 Dibromomethane	93	4.653	4.646	0.007	97	854959	500.0	488.4	
74 1,4-Dioxane	88	4.711	4.696	0.015	29	344425	10000	8849.4	a
75 Methyl methacrylate	100	4.718	4.711	0.007	91	839988	1000.0	998.6	
76 n-Propyl acetate	43	4.796	4.789	0.007	99	2227630	500.0	474.0	
77 Dichlorobromomethane	83	4.846	4.839	0.007	99	1952786	500.0	512.8	
78 2-Nitropropane	41	5.111	5.104	0.007	98	936505	1000.0	1139.0	
79 2-Chloroethyl vinyl ether	63	5.240	5.225	0.015	96	1136166	501.2	565.9	
80 Epichlorohydrin	57	5.283	5.261	0.022	99	2961636	10000	10563	
81 cis-1,3-Dichloropropene	75	5.376	5.368	0.008	96	2530661	500.0	471.0	
82 4-Methyl-2-pentanone (MIBK)	43	5.604	5.583	0.021	96	7199690	2500.0	2391.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.697	5.683	0.014	99	609207	50.0	47.8	
84 Toluene	91	5.776	5.769	0.007	95	6007486	500.0	451.3	
85 trans-1,3-Dichloropropene	75	6.076	6.069	0.007	99	2487478	500.0	502.0	
86 Ethyl methacrylate	69	6.269	6.255	0.014	91	2138374	500.0	500.3	
87 1,1,2-Trichloroethane	83	6.305	6.298	0.007	94	1092027	500.0	461.8	
88 Tetrachloroethene	166	6.477	6.462	0.015	98	1561013	500.0	470.6	
89 1,3-Dichloropropane	76	6.520	6.505	0.015	95	2294434	500.0	453.2	
90 2-Hexanone	43	6.706	6.684	0.022	96	5384882	2500.0	2529.2	
91 Chlorodibromomethane	129	6.813	6.799	0.015	98	1575472	500.0	530.8	
92 n-Butyl acetate	43	6.927	6.920	0.007	99	2495017	500.0	457.1	
93 Ethylene Dibromide	107	6.934	6.927	0.007	99	1384469	500.0	468.9	
* 94 Chlorobenzene-d5	117	7.621	7.614	0.007	86	520809	50.0	50.0	
95 Chlorobenzene	112	7.664	7.657	0.007	93	4108092	500.0	463.0	
96 1,1,1,2-Tetrachloroethane	131	7.807	7.792	0.015	96	1482380	500.0	496.4	
97 Ethylbenzene	106	7.878	7.864	0.014	98	2245918	500.0	470.6	
98 m-Xylene & p-Xylene	106	8.064	8.050	0.014	99	2816019	500.0	470.3	
99 o-Xylene	106	8.650	8.636	0.014	95	2812828	500.0	476.9	
100 Styrene	104	8.686	8.665	0.021	97	4556619	500.0	466.5	
101 n-Butyl acrylate	73	8.736	8.729	0.007	98	1191196	500.0	489.8	
102 Bromoform	173	8.893	8.886	0.007	96	1119989	500.0	581.0	
103 Amyl acetate (mixed isomers)	43	9.129	9.115	0.014	91	3046346	500.0	489.0	
104 Isopropylbenzene	105	9.265	9.251	0.014	96	6682866	500.0	452.2	
$ 105 4-Bromofluorobenzene	174	9.458	9.444	0.014	88	199430	50.0	48.2	
106 Bromobenzene	156	9.651	9.637	0.014	97	1803484	500.0	482.3	
107 1,1,2,2-Tetrachloroethane	83	9.766	9.752	0.014	97	1806078	500.0	490.6	
108 1,2,3-Trichloropropane	110	9.787	9.773	0.014	97	536421	500.0	484.6	
109 trans-1,4-Dichloro-2-butene	53	9.873	9.852	0.021	92	608908	500.0	526.8	
110 N-Propylbenzene	91	9.937	9.916	0.021	99	7367138	500.0	457.6	
111 2-Chlorotoluene	91	10.009	9.988	0.021	98	4620993	500.0	460.4	
112 4-Ethyltoluene	105	10.138	10.123	0.015	98	6173175	500.0	469.0	
113 4-Chlorotoluene	91	10.202	10.181	0.021	97	4187426	500.0	413.7	
114 1,3,5-Trimethylbenzene	105	10.252	10.238	0.014	94	4715381	500.0	499.8	
115 Butyl Methacrylate	87	10.538	10.524	0.014	93	2232963	500.0	548.4	
116 tert-Butylbenzene	119	10.767	10.753	0.014	94	4762506	500.0	472.8	
117 1,2,4-Trimethylbenzene	105	10.853	10.838	0.015	97	4645119	500.0	512.5	
118 sec-Butylbenzene	105	11.146	11.124	0.022	98	6645313	500.0	472.8	
119 1,3-Dichlorobenzene	146	11.232	11.217	0.015	94	3194988	500.0	472.3	
* 120 1,4-Dichlorobenzene-d4	152	11.339	11.325	0.014	97	268932	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.375	11.360	0.015	96	3236277	500.0	481.6	
122 4-Isopropyltoluene	119	11.396	11.382	0.014	98	5203408	500.0	484.8	
123 1,2,3-Trimethylbenzene	105	11.496	11.482	0.014	98	4680081	500.0	518.5	
124 Benzyl chloride	126	11.596	11.582	0.014	99	753805	500.0	554.4	
125 2,3-Dihydroindene	117	11.732	11.718	0.014	95	5322495	500.0	454.2	
126 1,2-Dichlorobenzene	146	11.861	11.847	0.014	94	3092954	500.0	479.4	
127 p-Diethylbenzene	119	11.918	11.911	0.007	94	2509034	500.0	499.6	
128 n-Butylbenzene	92	11.939	11.932	0.007	97	2324454	500.0	500.7	
129 1,2-Dibromo-3-Chloropropane	157	12.747	12.748	-0.001	96	466735	500.0	569.6	
130 1,2,4,5-Tetramethylbenzene	119	12.776	12.776	0.000	97	2589324	500.0	551.5	
131 1,3,5-Trichlorobenzene	180	12.976	12.969	0.007	97	1559398	500.0	513.8	
132 1,2,4-Trichlorobenzene	180	13.541	13.534	0.007	95	1429321	500.0	553.3	
133 Hexachlorobutadiene	225	13.720	13.713	0.007	95	670330	500.0	456.8	
134 Naphthalene	128	13.734	13.734	0.000	99	2946304	500.0	604.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.942	13.942	0.000	95	1248038	500.0	543.9	
S 137 1,2-Dichloroethene, Total	100				0		1000.0	969.7	
S 138 Xylenes, Total	100				0		1000.0	947.2	
S 139 Total BTEX	1				0		2500.0	2318.7	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00122	Amount Added:	40.00	Units: uL	
Ethanol mix_00051	Amount Added:	50.00	Units: uL	
GAS Hi_00386	Amount Added:	50.00	Units: uL	
8FreonHi_00031	Amount Added:	50.00	Units: uL	
MIX I Hi_00137	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00110	Amount Added:	50.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 28-Apr-2021 20:31:00 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71949.D

Injection Date: 28-Apr-2021 00:46:30 Instrument ID: CVOAMS12 Operator ID:

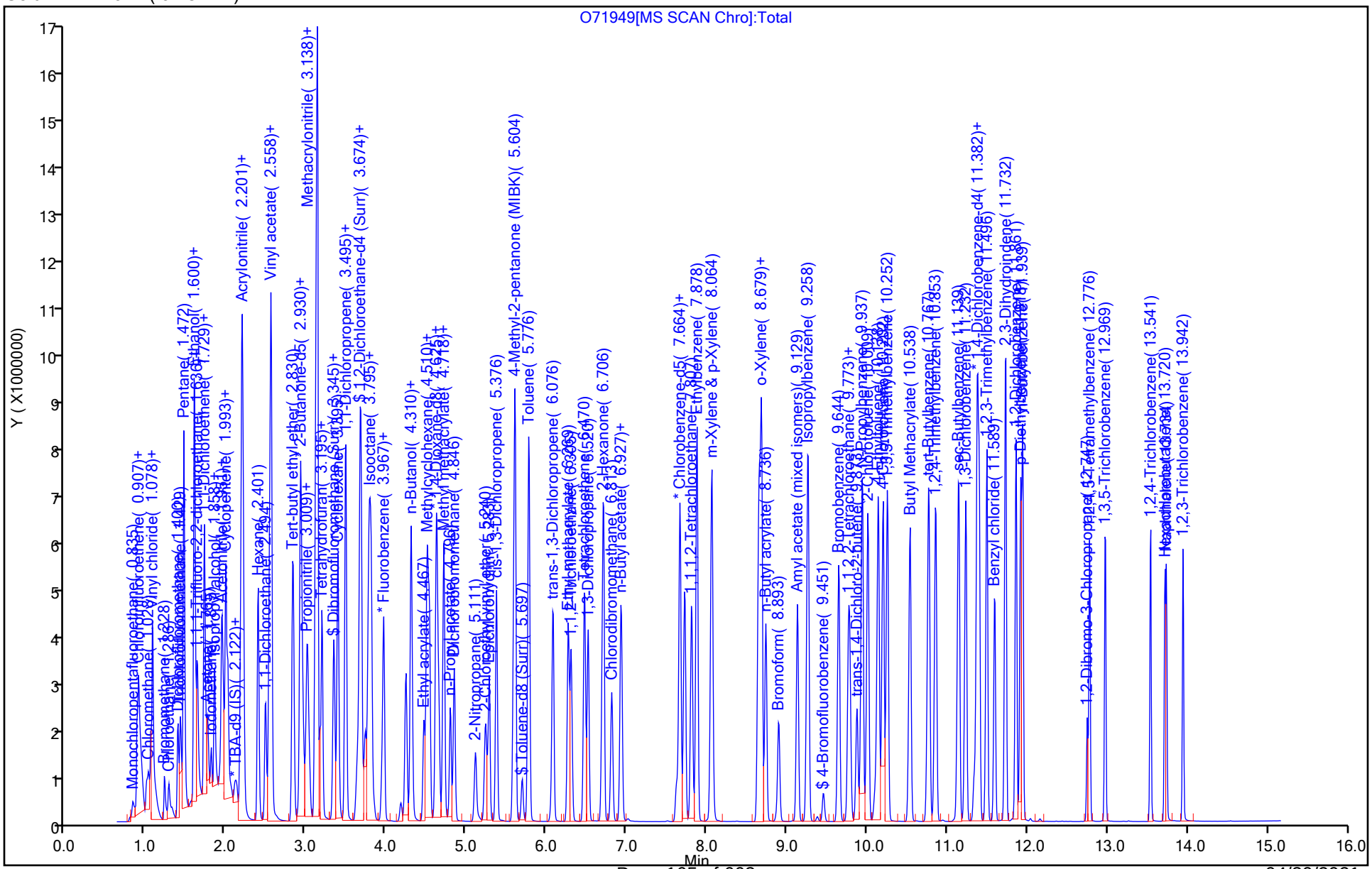
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

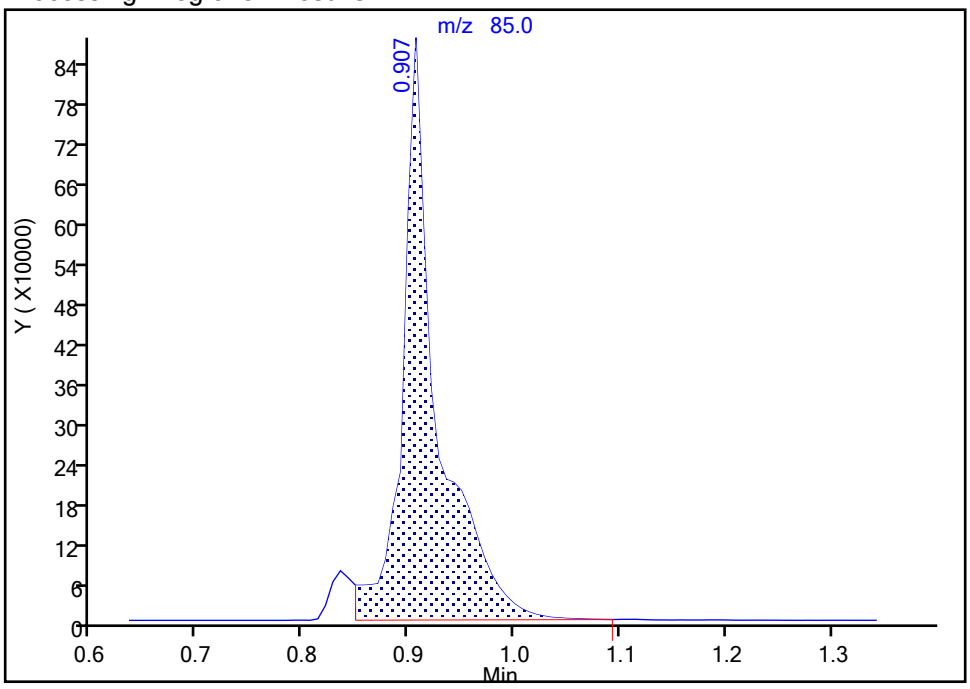
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71949.D
Injection Date: 28-Apr-2021 00:46:30 Instrument ID: CVOAMS12
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

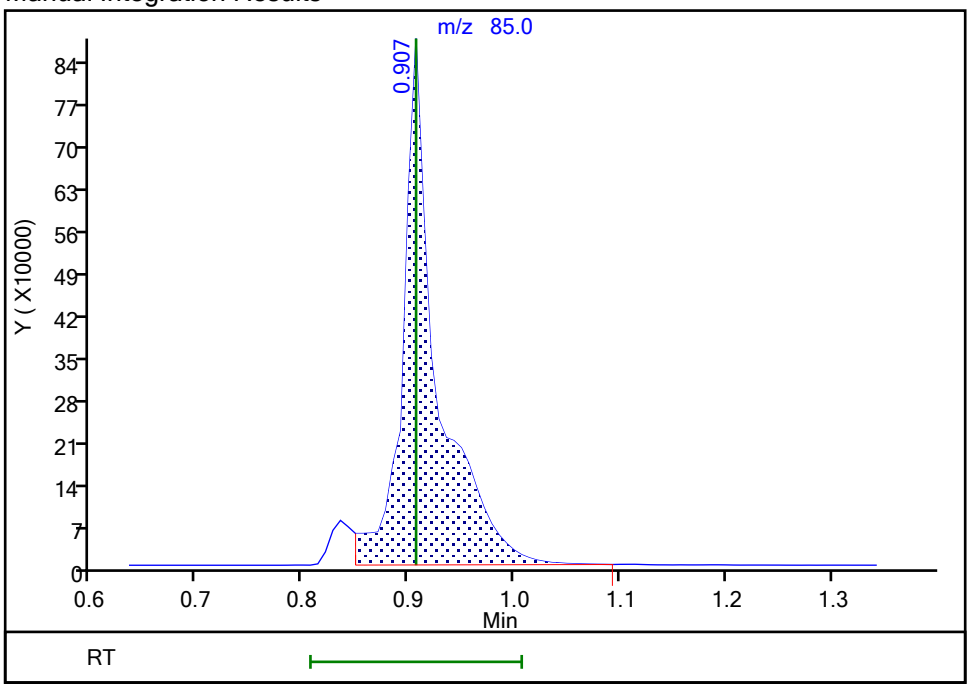
Processing Integration Results

RT: 0.91
Area: 1976666
Amount: 454.4975
Amount Units: ug/l



Manual Integration Results

RT: 0.91
Area: 1976666
Amount: 454.4975
Amount Units: ug/l



Reviewer: martineze, 28-Apr-2021 14:26:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

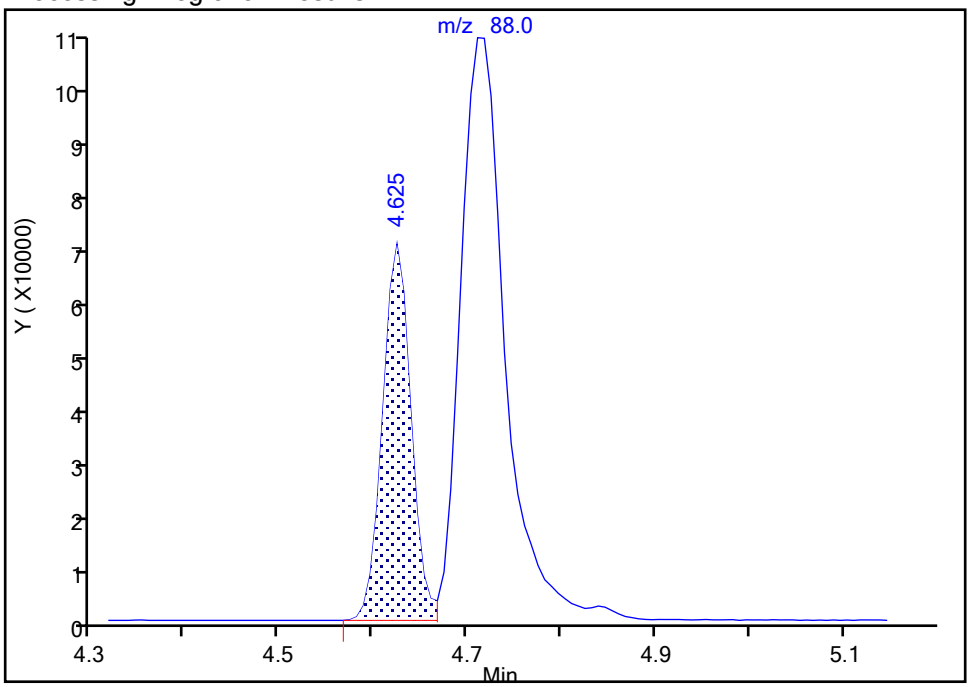
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71949.D
Injection Date: 28-Apr-2021 00:46:30 Instrument ID: CVOAMS12
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

74 1,4-Dioxane, CAS: 123-91-1

Signal: 1

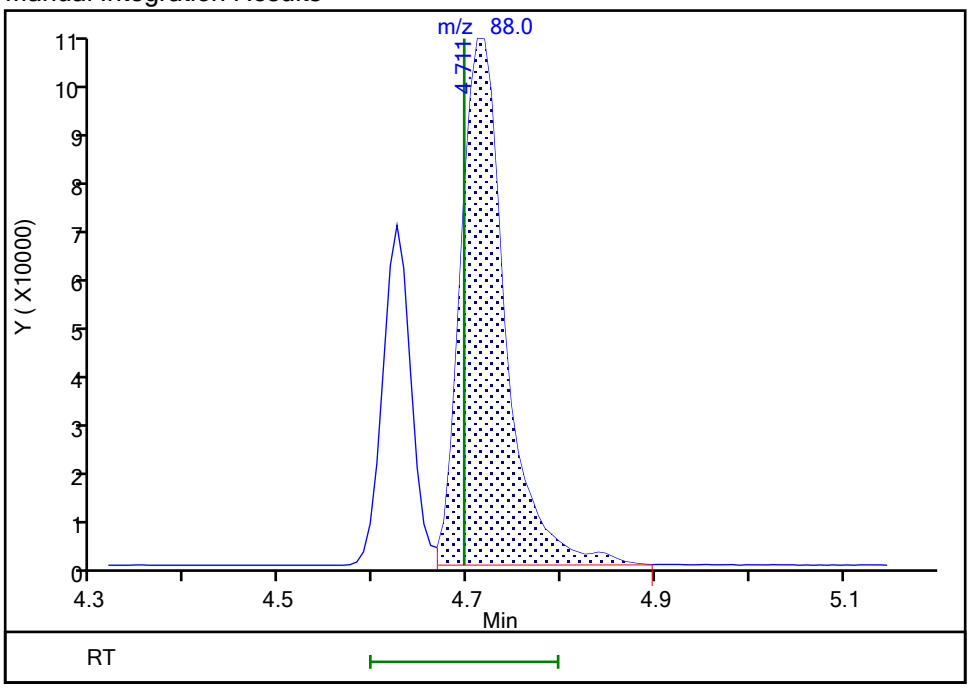
Processing Integration Results

RT: 4.62
Area: 140661
Amount: 4012.8582
Amount Units: ug/l



Manual Integration Results

RT: 4.71
Area: 344425
Amount: 8849.3885
Amount Units: ug/l



Reviewer: boykink, 28-Apr-2021 01:43:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 28-Apr-2021 02:27:30 ALS Bottle#: 13 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0127714-012
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Apr-2021 20:31:23 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: boykink Date: 28-Apr-2021 03:10:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.835	0.842	-0.007	96	51431	NC	NC	
2 Chlorotrifluoroethene	116	0.892	0.892	0.000	91	249255	200.0	227.1	
4 1,1-Difluoroethane	65	0.900	0.907	-0.007	99	290548	NC	NC	a
3 Dichlorodifluoromethane	85	0.907	0.907	0.000	99	833597	200.0	188.8	
5 Chlorodifluoromethane	67	0.921	0.935	-0.014	96	117583	200.0	185.1	
6 Chloromethane	50	1.028	1.035	-0.007	99	779236	200.0	158.5	
7 Vinyl chloride	62	1.064	1.064	0.000	98	727783	200.0	185.0	
8 Butadiene	54	1.085	1.078	0.007	98	694262	200.0	189.9	
9 Bromomethane	94	1.236	1.236	0.000	99	381188	200.0	211.1	
10 Chloroethane	64	1.293	1.293	0.000	100	449527	200.0	189.7	
11 Dichlorofluoromethane	67	1.400	1.400	0.000	99	1030733	200.0	191.9	
12 Trichlorofluoromethane	101	1.436	1.429	0.007	99	837028	200.0	192.0	
13 Pentane	72	1.479	1.479	0.000	96	194404	400.0	378.4	
14 Ethanol	46	1.550	1.543	0.007	97	121154	8000.0	7961.5	
15 Ethyl ether	59	1.600	1.600	0.000	95	475289	200.0	196.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.600	1.600	0.000	94	440614	200.0	189.4	
17 2-Methyl-1,3-butadiene	53	1.607	1.607	0.000	97	490193	200.0	182.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.636	1.636	0.000	96	665987	200.0	180.1	
19 Acrolein	56	1.672	1.672	0.000	93	27191	200.0	243.7	
20 1,1-Dichloroethene	96	1.729	1.729	0.000	97	456718	200.0	188.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.736	1.736	0.000	98	453879	200.0	191.0	
22 Acetone	58	1.765	1.758	0.007	86	272506	1000.0	1115.8	
23 Iodomethane	127	1.815	1.815	0.000	98	315615	200.0	208.1	
24 Isopropyl alcohol	45	1.851	1.843	0.008	98	324348	2000.0	1978.1	
25 Carbon disulfide	76	1.858	1.858	0.000	100	1614288	200.0	189.6	
26 Acetonitrile	38	1.943	1.944	-0.001	91	221988	2000.0	1823.0	
27 3-Chloro-1-propene	76	1.943	1.944	-0.001	91	410968	200.0	211.0	
28 Methyl acetate	74	1.958	1.958	0.000	100	155316	400.0	396.8	
29 Cyclopentene	67	2.001	2.001	0.000	97	1240588	200.0	181.2	
30 Methylene Chloride	84	2.022	2.022	0.000	94	564750	200.0	185.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.051	2.044	0.007	99	278021	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.101	2.101	0.000	99	565845	2000.0	1887.4	
33 Acrylonitrile	53	2.179	2.179	0.000	95	1914673	2000.0	2240.7	
34 trans-1,2-Dichloroethene	96	2.201	2.201	0.000	97	531529	200.0	189.2	
35 Methyl tert-butyl ether	73	2.208	2.208	0.000	97	1662999	200.0	192.7	
36 Hexane	57	2.401	2.401	0.000	94	846143	200.0	205.6	
37 1,1-Dichloroethane	63	2.487	2.487	0.000	100	1021534	200.0	192.5	
38 Vinyl acetate	86	2.537	2.537	0.000	100	268030	400.0	443.2	
39 Isopropyl ether	45	2.558	2.558	0.000	89	1935269	200.0	186.8	
40 2-Chloro-1,3-butadiene	88	2.558	2.558	0.000	92	518168	200.0	189.7	
41 Tert-butyl ethyl ether	59	2.830	2.830	0.000	89	1937051	200.0	194.4	
* 43 2-Butanone-d5	46	2.894	2.894	0.000	93	362458	250.0	250.0	
44 2,2-Dichloropropane	97	2.930	2.923	0.007	82	200227	200.0	205.5	
45 cis-1,2-Dichloroethene	96	2.923	2.923	0.000	92	604497	200.0	192.3	
46 2-Butanone (MEK)	72	2.945	2.945	0.000	100	356851	1000.0	1000.1	
42 Propionitrile	52	2.987	2.980	0.007	96	147812	2000.0	1906.7	
47 Ethyl acetate	70	3.009	3.002	0.007	100	120055	400.0	389.6	
48 Methyl acrylate	55	3.030	3.030	0.000	99	568570	200.0	194.1	
50 Methacrylonitrile	67	3.123	3.109	0.014	93	2307662	2000.0	1961.1	
49 Chlorobromomethane	128	3.123	3.116	0.007	90	269842	200.0	184.5	
51 Tetrahydrofuran	42	3.159	3.159	0.000	97	357878	400.0	379.4	
52 Chloroform	83	3.195	3.188	0.007	98	950104	200.0	191.3	
$ 53 Dibromofluoromethane (Surr)	113	3.323	3.324	-0.001	97	149244	50.0	49.4	
54 1,1,1-Trichloroethane	97	3.345	3.345	0.000	99	867918	200.0	194.3	
55 Cyclohexane	84	3.395	3.395	0.000	93	817055	200.0	193.2	
56 Carbon tetrachloride	117	3.488	3.488	0.000	95	709665	200.0	198.5	
57 1,1-Dichloropropene	75	3.488	3.488	0.000	95	784301	200.0	186.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.617	3.617	0.000	0	181099	50.0	48.8	
61 Isobutyl alcohol	43	3.631	3.624	0.007	97	738658	5000.0	5107.6	
59 Benzene	78	3.674	3.674	0.000	97	2267584	200.0	186.5	
60 1,2-Dichloroethane	62	3.688	3.681	0.007	97	770063	200.0	186.7	
62 Isooctane	57	3.774	3.774	0.000	97	1435506	200.0	198.1	
63 Isopropyl acetate	61	3.781	3.781	0.000	94	231875	200.0	201.6	
64 Tert-amyl methyl ether	73	3.803	3.803	0.000	96	1734693	200.0	191.4	
* 65 Fluorobenzene	96	3.938	3.938	0.000	99	614255	50.0	50.0	
66 n-Heptane	43	3.967	3.960	0.007	94	715271	200.0	212.6	
68 n-Butanol	56	4.289	4.289	0.000	89	473698	5000.0	4749.3	
67 Trichloroethene	95	4.303	4.303	0.000	97	574555	200.0	187.2	
69 Ethyl acrylate	55	4.460	4.460	0.000	99	870009	200.0	213.4	
70 Methylcyclohexane	83	4.503	4.503	0.000	95	954392	200.0	199.5	
71 1,2-Dichloropropane	63	4.532	4.525	0.007	92	604852	200.0	186.9	
* 72 1,4-Dioxane-d8	96	4.646	4.639	0.007	0	36830	1000.0	1000.0	
73 Dibromomethane	93	4.646	4.646	0.000	97	347212	200.0	195.3	
74 1,4-Dioxane	88	4.696	4.696	0.000	96	139701	4000.0	3865.5	
75 Methyl methacrylate	100	4.711	4.711	0.000	92	348561	400.0	408.1	
76 n-Propyl acetate	43	4.789	4.789	0.000	99	956235	200.0	200.4	
77 Dichlorobromomethane	83	4.839	4.839	0.000	99	790061	200.0	204.3	
78 2-Nitropropane	41	5.104	5.104	0.000	98	379820	400.0	455.0	
79 2-Chloroethyl vinyl ether	63	5.225	5.225	0.000	96	466640	200.5	228.9	
80 Epichlorohydrin	57	5.268	5.261	0.007	99	1251002	4000.0	4175.3	
81 cis-1,3-Dichloropropene	75	5.368	5.368	0.000	96	1067397	200.0	200.6	
82 4-Methyl-2-pentanone (MIBK)	43	5.590	5.583	0.007	97	3118103	1000.0	969.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.690	5.683	0.007	99	600219	50.0	47.5	
84 Toluene	91	5.769	5.769	0.000	94	2482712	200.0	188.3	
85 trans-1,3-Dichloropropene	75	6.076	6.069	0.007	98	1045166	200.0	213.0	
86 Ethyl methacrylate	69	6.262	6.255	0.007	91	881603	200.0	208.3	
87 1,1,2-Trichloroethane	83	6.298	6.298	0.000	92	454106	200.0	193.9	
88 Tetrachloroethene	166	6.470	6.462	0.008	96	617900	200.0	188.1	
89 1,3-Dichloropropane	76	6.512	6.505	0.007	96	952348	200.0	189.9	
90 2-Hexanone	43	6.691	6.684	0.007	96	2327173	1000.0	1022.8	
91 Chlorodibromomethane	129	6.806	6.799	0.008	99	631052	200.0	214.7	
92 n-Butyl acetate	43	6.920	6.920	0.000	99	1068932	200.0	197.7	
93 Ethylene Dibromide	107	6.927	6.927	0.000	98	570655	200.0	195.2	
* 94 Chlorobenzene-d5	117	7.621	7.614	0.007	87	515794	50.0	50.0	
95 Chlorobenzene	112	7.657	7.657	0.000	94	1693696	200.0	192.7	
96 1,1,1,2-Tetrachloroethane	131	7.800	7.792	0.008	95	592321	200.0	200.3	
97 Ethylbenzene	106	7.871	7.864	0.007	98	886837	200.0	187.6	
98 m-Xylene & p-Xylene	106	8.057	8.050	0.007	99	1129085	200.0	190.4	
99 o-Xylene	106	8.643	8.636	0.007	95	1146940	200.0	196.4	
100 Styrene	104	8.672	8.665	0.007	95	1874674	200.0	193.8	
101 n-Butyl acrylate	73	8.729	8.729	0.000	97	488010	200.0	202.6	
102 Bromoform	173	8.894	8.886	0.008	96	442284	200.0	231.7	
103 Amyl acetate (mixed isomers)	43	9.122	9.115	0.007	90	1311280	200.0	209.3	
104 Isopropylbenzene	105	9.251	9.251	0.000	96	2756672	200.0	188.3	
$ 105 4-Bromofluorobenzene	174	9.451	9.444	0.007	89	196520	50.0	47.9	
106 Bromobenzene	156	9.637	9.637	0.000	97	737306	200.0	196.0	
107 1,1,2,2-Tetrachloroethane	83	9.759	9.752	0.007	98	771708	200.0	208.4	
108 1,2,3-Trichloropropane	110	9.780	9.773	0.007	97	224164	200.0	201.3	
109 trans-1,4-Dichloro-2-butene	53	9.859	9.852	0.007	92	259389	200.0	223.1	
110 N-Propylbenzene	91	9.923	9.916	0.007	99	3106253	200.0	191.8	
111 2-Chlorotoluene	91	10.002	9.988	0.014	98	1869530	200.0	185.2	
112 4-Ethyltoluene	105	10.123	10.123	0.000	99	2541957	200.0	192.0	
113 4-Chlorotoluene	91	10.188	10.181	0.007	97	1890157	200.0	185.7	
114 1,3,5-Trimethylbenzene	105	10.245	10.238	0.007	93	1891640	200.0	199.3	
115 Butyl Methacrylate	87	10.524	10.524	0.000	94	901004	200.0	220.0	
116 tert-Butylbenzene	119	10.760	10.753	0.007	94	1967304	200.0	194.2	
117 1,2,4-Trimethylbenzene	105	10.846	10.838	0.008	97	1849144	200.0	202.8	
118 sec-Butylbenzene	105	11.132	11.124	0.008	99	2787622	200.0	197.2	
119 1,3-Dichlorobenzene	146	11.225	11.217	0.007	95	1312485	200.0	192.9	
* 120 1,4-Dichlorobenzene-d4	152	11.332	11.325	0.007	97	270494	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.368	11.360	0.008	97	1315064	200.0	194.6	
122 4-Isopropyltoluene	119	11.389	11.382	0.007	98	2122650	200.0	196.6	
123 1,2,3-Trimethylbenzene	105	11.489	11.482	0.007	98	1867910	200.0	205.7	
124 Benzyl chloride	126	11.589	11.582	0.007	99	348978	200.0	255.2	
125 2,3-Dihydroindene	117	11.718	11.718	0.000	95	2273768	200.0	192.9	
126 1,2-Dichlorobenzene	146	11.854	11.847	0.007	95	1276187	200.0	196.7	
127 p-Diethylbenzene	119	11.911	11.911	0.000	94	1005606	200.0	199.1	
128 n-Butylbenzene	92	11.932	11.932	0.000	97	932942	200.0	199.8	
129 1,2-Dibromo-3-Chloropropane	157	12.748	12.748	0.000	95	187369	200.0	227.3	
130 1,2,4,5-Tetramethylbenzene	119	12.776	12.776	0.000	97	992880	200.0	210.3	
131 1,3,5-Trichlorobenzene	180	12.969	12.969	0.000	97	639864	200.0	209.6	
132 1,2,4-Trichlorobenzene	180	13.534	13.534	0.000	94	575210	200.0	221.4	
133 Hexachlorobutadiene	225	13.713	13.713	0.000	93	303147	200.0	205.4	
134 Naphthalene	128	13.734	13.734	0.000	99	1104597	200.0	225.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.942	13.942	0.000	95	504637	200.0	218.6	
S 137 1,2-Dichloroethene, Total	100				0		400.0	381.4	
S 138 Xylenes, Total	100				0		400.0	386.7	
S 139 Total BTEX	1				0		1000.0	949.2	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00122	Amount Added:	20.00	Units: uL	
GAS Hi_00386	Amount Added:	20.00	Units: uL	
MIX I Hi_00137	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00110	Amount Added:	20.00	Units: uL	
8FreonHi_00031	Amount Added:	20.00	Units: uL	
Ethanol mix_00051	Amount Added:	20.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 28-Apr-2021 20:31:25 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Injection Date: 28-Apr-2021 02:27:30 Instrument ID: CVOAMS12 Operator ID:

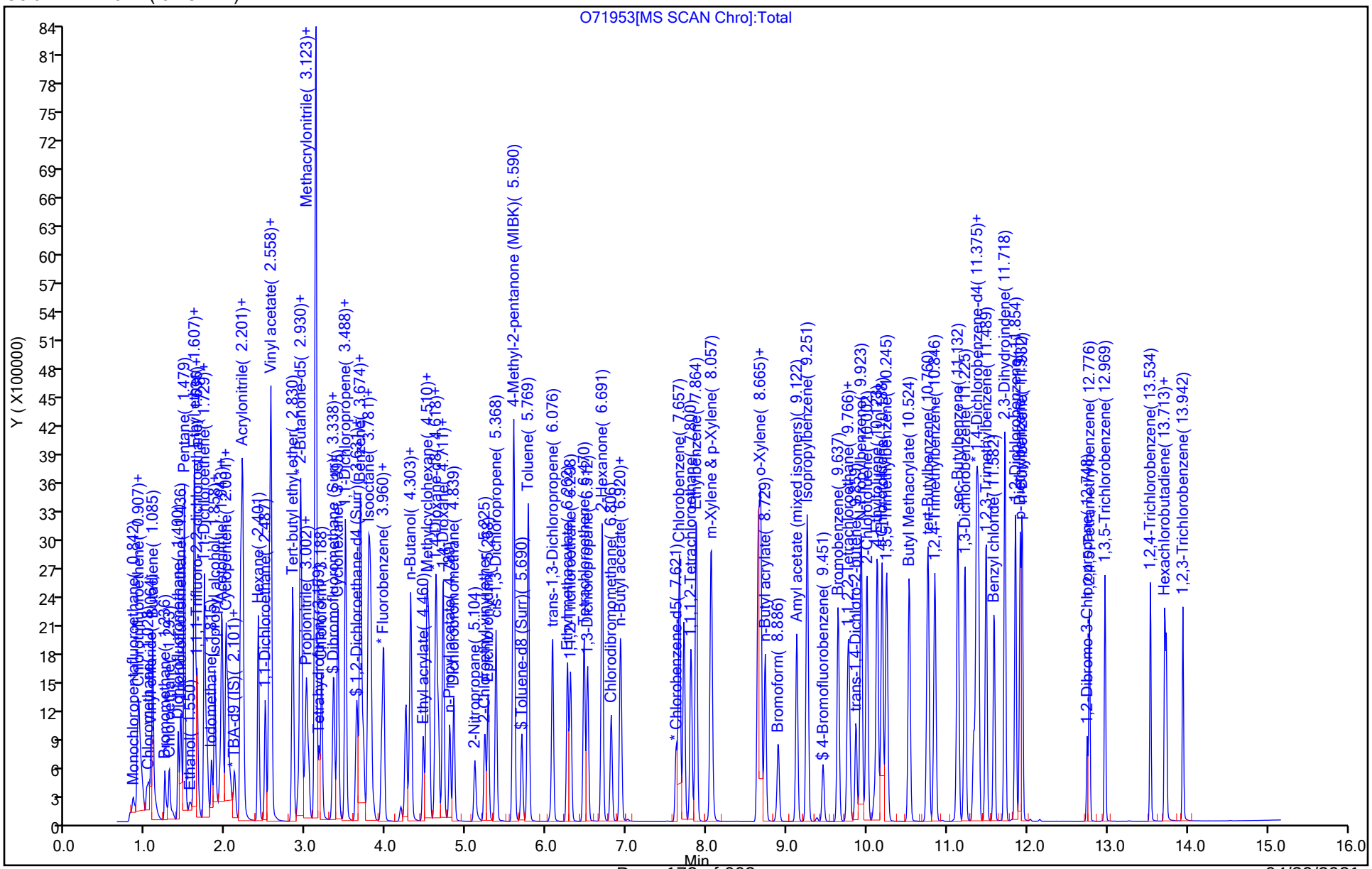
Lims ID: STD200 Worklist Smp#: 12

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 13

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

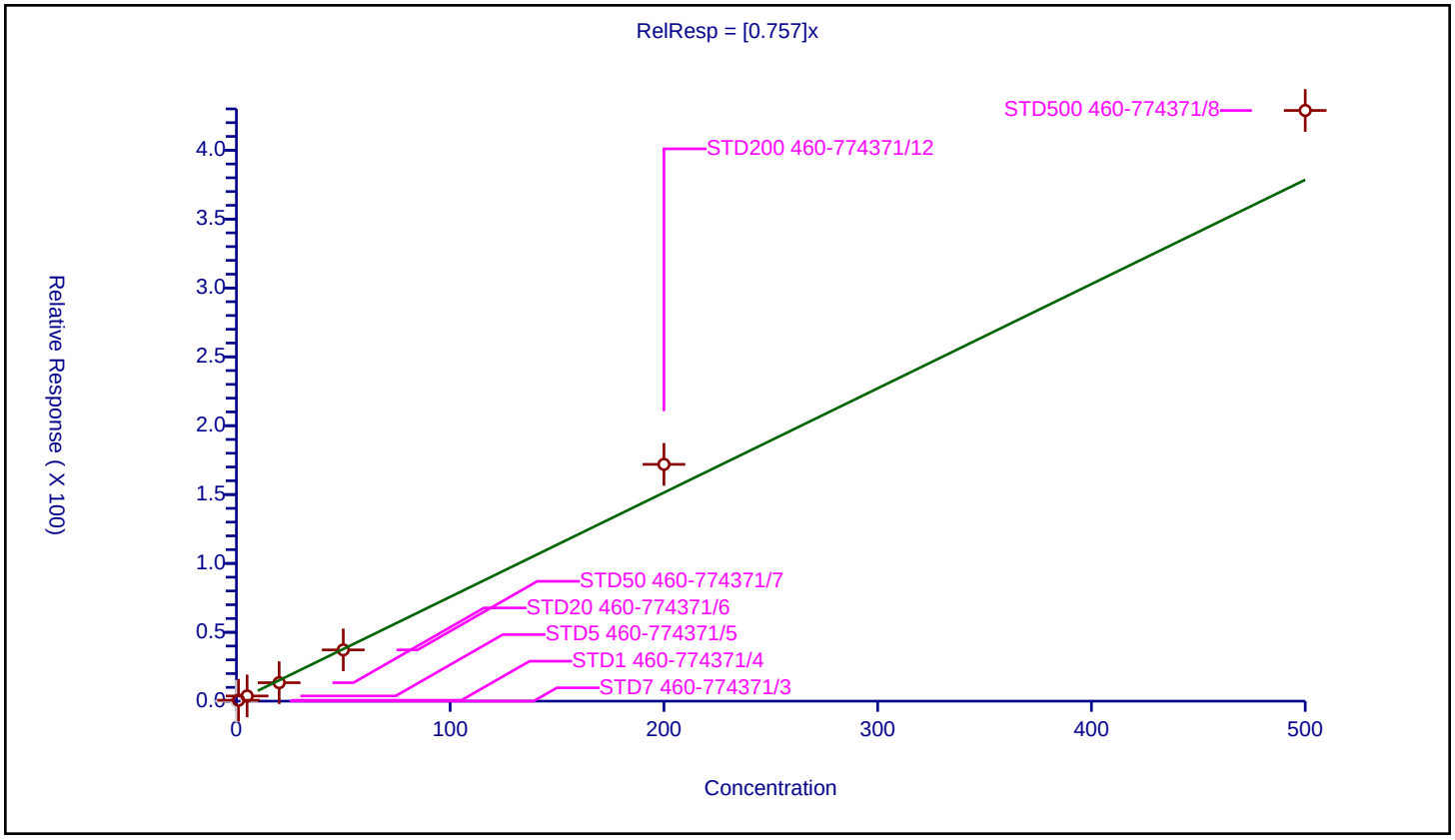
Curve Coefficients

Intercept:	0
Slope:	0.757

Error Coefficients

Standard Error:	284000
Relative Standard Error:	11.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	250.0	344464.0	NaN	N
2	STD1 460-774371/4	1.0	0.659274	250.0	337113.0	0.659274	Y
3	STD5 460-774371/5	5.0	3.758524	250.0	333176.0	0.751705	Y
4	STD20 460-774371/6	20.0	13.392883	250.0	342346.0	0.669644	Y
5	STD50 460-774371/7	50.0	37.211562	250.0	338114.0	0.744231	Y
6	STD200 460-774371/12	200.0	171.919919	250.0	362458.0	0.8596	Y
7	STD500 460-774371/8	500.0	428.85899	250.0	339182.0	0.857718	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

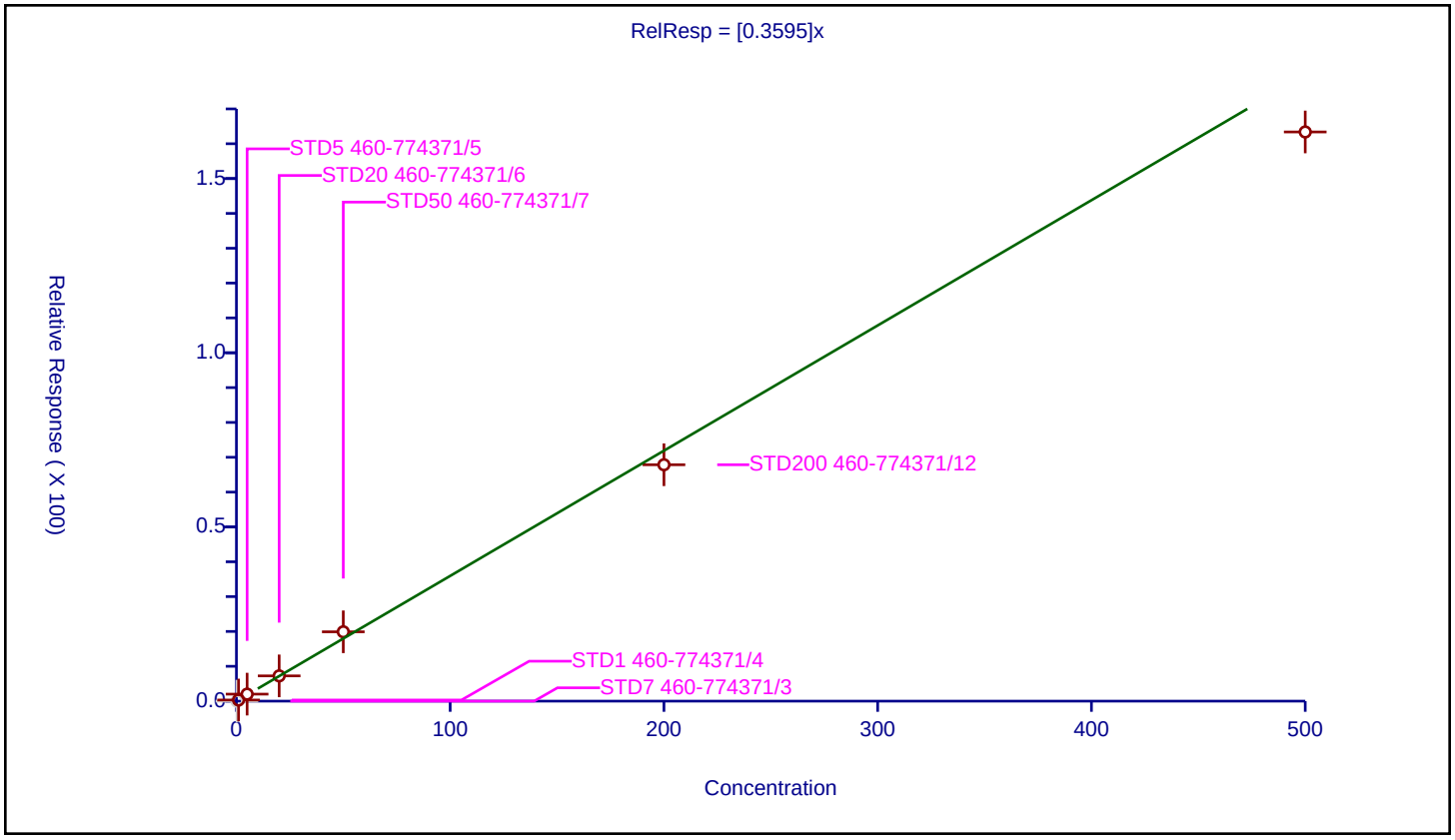
Curve Coefficients

Intercept:	0
Slope:	0.3595

Error Coefficients

Standard Error:	966000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.25	0.0	50.0	596603.0	0.0	N
2	STD1 460-774371/4	1.0	0.327773	50.0	598280.0	0.327773	Y
3	STD5 460-774371/5	5.0	2.012396	50.0	589397.0	0.402479	Y
4	STD20 460-774371/6	20.0	7.249834	50.0	580565.0	0.362492	Y
5	STD50 460-774371/7	50.0	19.901601	50.0	580697.0	0.398032	Y
6	STD200 460-774371/12	200.0	67.854311	50.0	614255.0	0.339272	Y
7	STD500 460-774371/8	500.0	163.376759	50.0	604941.0	0.326754	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

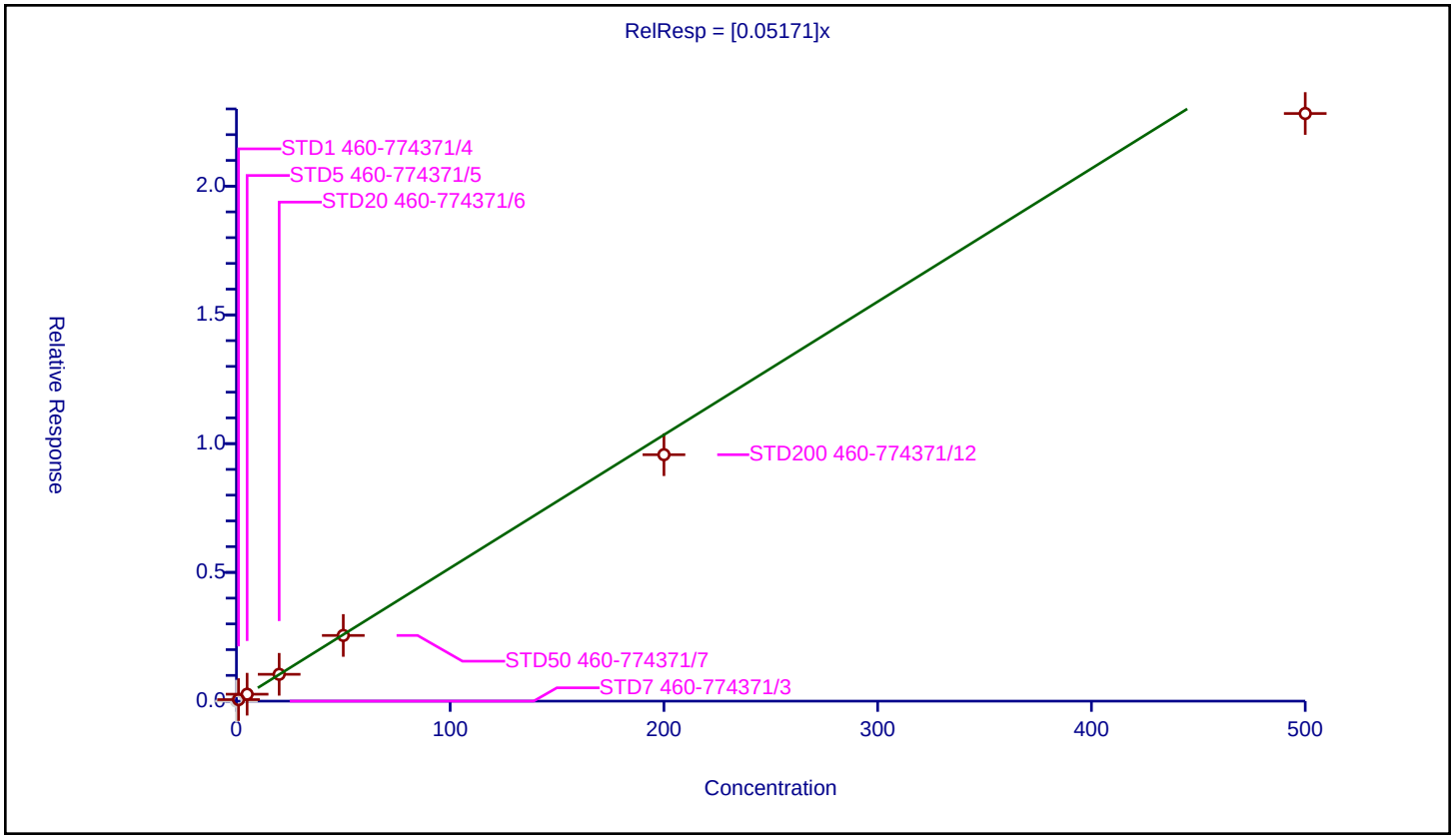
Curve Coefficients

Intercept:	0
Slope:	0.05171

Error Coefficients

Standard Error:	135000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.059755	50.0	598280.0	0.059755	Y
3	STD5 460-774371/5	5.0	0.269343	50.0	589397.0	0.053869	Y
4	STD20 460-774371/6	20.0	1.041916	50.0	580565.0	0.052096	Y
5	STD50 460-774371/7	50.0	2.551244	50.0	580697.0	0.051025	Y
6	STD200 460-774371/12	200.0	9.571188	50.0	614255.0	0.047856	Y
7	STD500 460-774371/8	500.0	22.820738	50.0	604941.0	0.045641	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

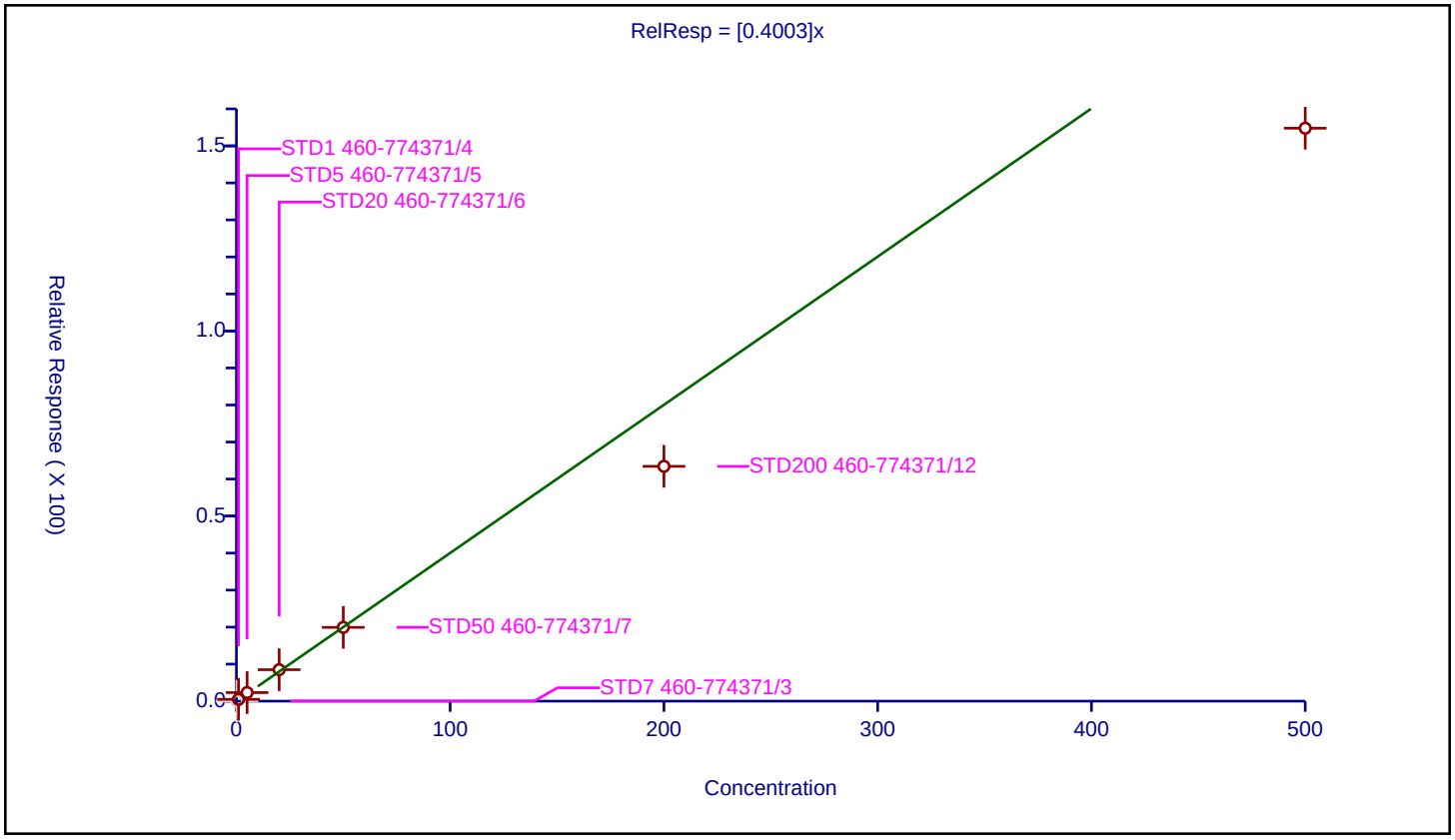
Curve Coefficients

Intercept:	0
Slope:	0.4003

Error Coefficients

Standard Error:	914000
Relative Standard Error:	18.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.25	0.0	50.0	596603.0	0.0	N
2	STD1 460-774371/4	1.0	0.48957	50.0	598280.0	0.48957	Y
3	STD5 460-774371/5	5.0	2.311515	50.0	589397.0	0.462303	Y
4	STD20 460-774371/6	20.0	8.491814	50.0	580565.0	0.424591	Y
5	STD50 460-774371/7	50.0	19.924935	50.0	580697.0	0.398499	Y
6	STD200 460-774371/12	200.0	63.429358	50.0	614255.0	0.317147	Y
7	STD500 460-774371/8	500.0	154.77592	50.0	604941.0	0.309552	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

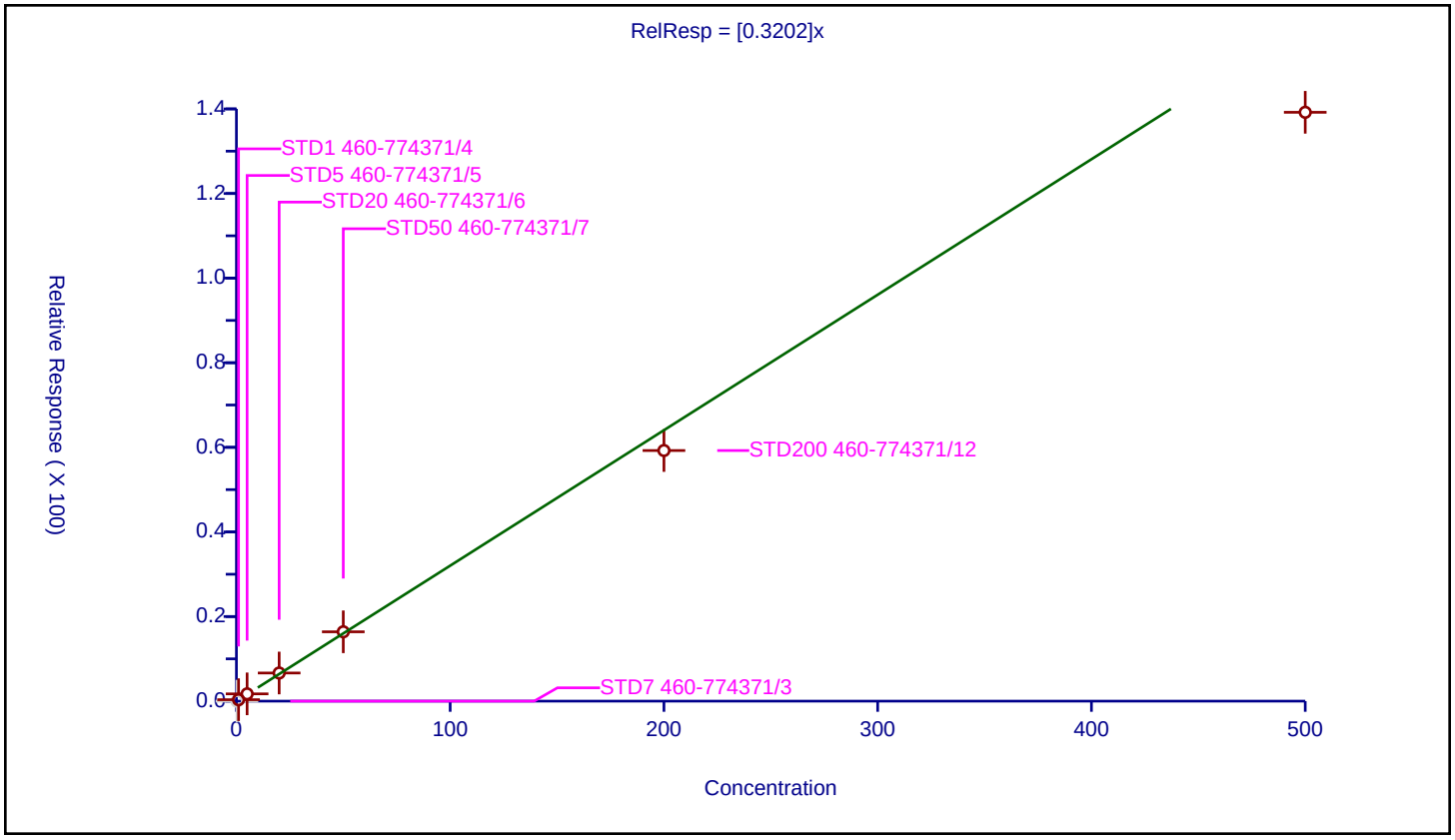
Curve Coefficients

Intercept:	0
Slope:	0.3202

Error Coefficients

Standard Error:	826000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.25	0.0	50.0	596603.0	0.0	N
2	STD1 460-774371/4	1.0	0.341897	50.0	598280.0	0.341897	Y
3	STD5 460-774371/5	5.0	1.72159	50.0	589397.0	0.344318	Y
4	STD20 460-774371/6	20.0	6.654638	50.0	580565.0	0.332732	Y
5	STD50 460-774371/7	50.0	16.391595	50.0	580697.0	0.327832	Y
6	STD200 460-774371/12	200.0	59.241113	50.0	614255.0	0.296206	Y
7	STD500 460-774371/8	500.0	139.191673	50.0	604941.0	0.278383	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

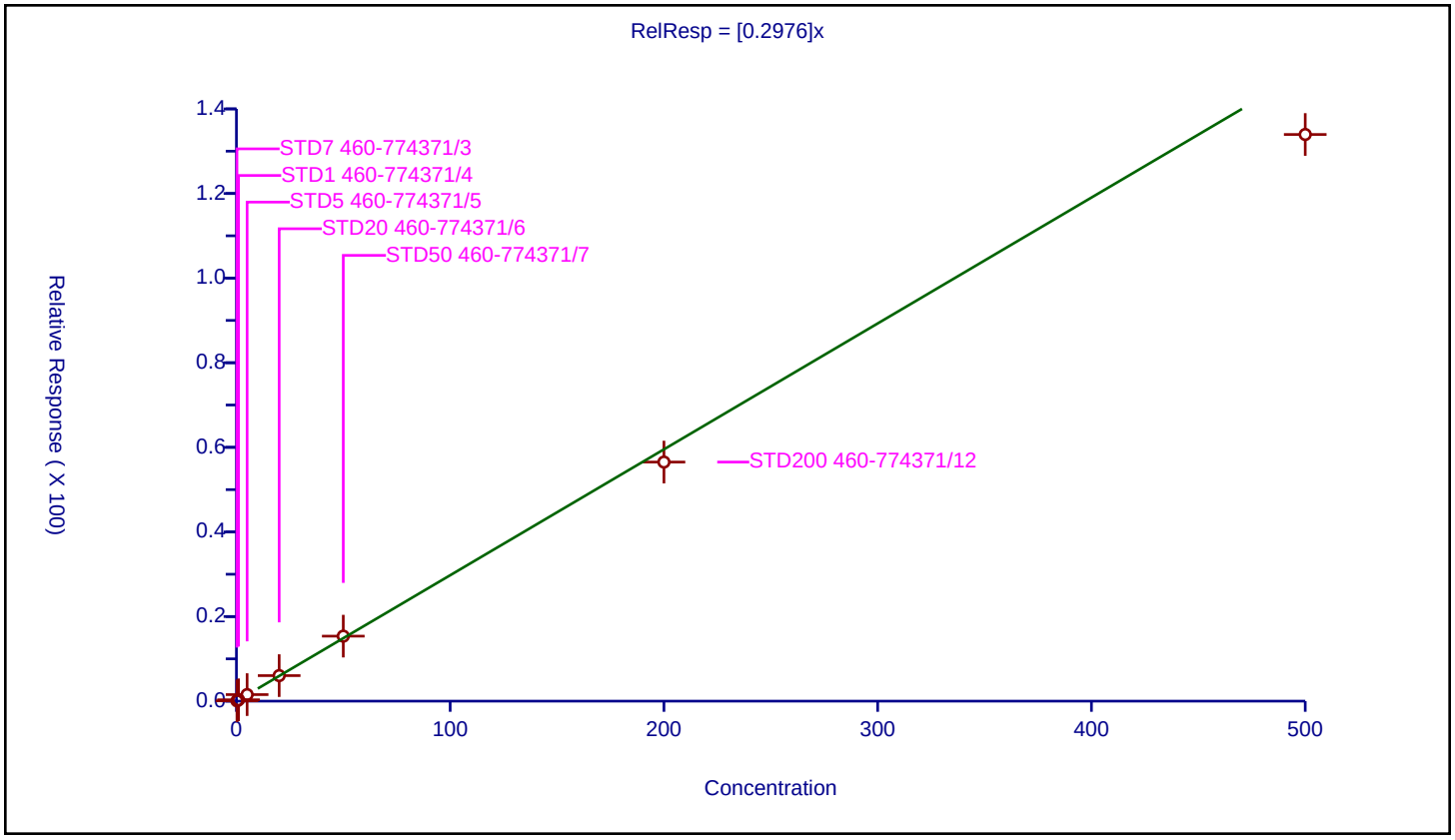
Curve Coefficients

Intercept:	0
Slope:	0.2976

Error Coefficients

Standard Error:	724000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.25	0.074505	50.0	596603.0	0.298021	Y
2	STD1 460-774371/4	1.0	0.317159	50.0	598280.0	0.317159	Y
3	STD5 460-774371/5	5.0	1.542933	50.0	589397.0	0.308587	Y
4	STD20 460-774371/6	20.0	6.032916	50.0	580565.0	0.301646	Y
5	STD50 460-774371/7	50.0	15.364123	50.0	580697.0	0.307282	Y
6	STD200 460-774371/12	200.0	56.512523	50.0	614255.0	0.282563	Y
7	STD500 460-774371/8	500.0	133.95017	50.0	604941.0	0.2679	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

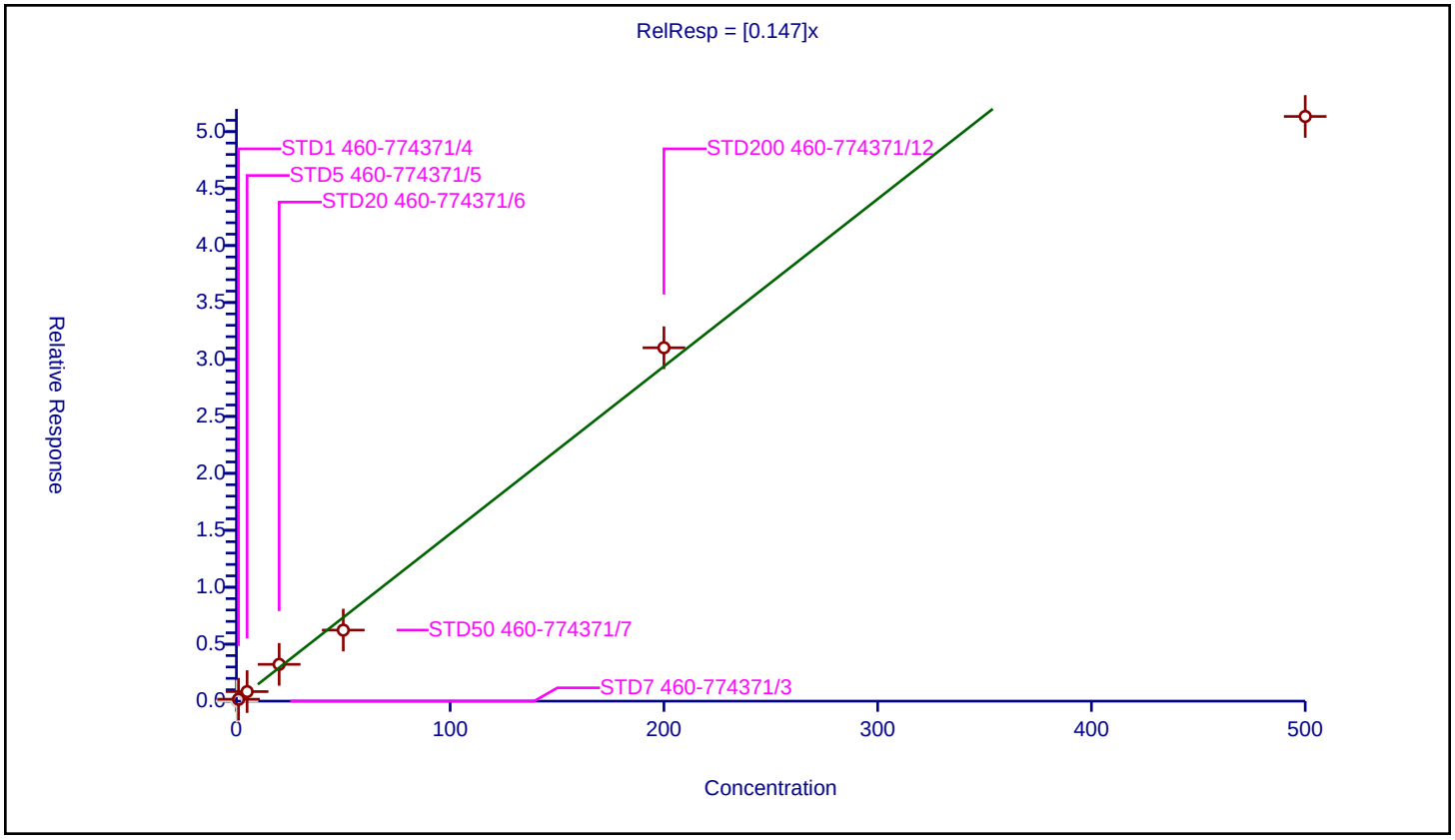
Curve Coefficients

Intercept:	0
Slope:	0.147

Error Coefficients

Standard Error:	328000
Relative Standard Error:	18.5
Correlation Coefficient:	0.959
Coefficient of Determination (Adjusted):	0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.25	0.0	50.0	596603.0	0.0	N
2	STD1 460-774371/4	1.0	0.170238	50.0	598280.0	0.170238	Y
3	STD5 460-774371/5	5.0	0.837381	50.0	589397.0	0.167476	Y
4	STD20 460-774371/6	20.0	3.229785	50.0	580565.0	0.161489	Y
5	STD50 460-774371/7	50.0	6.236643	50.0	580697.0	0.124733	Y
6	STD200 460-774371/12	200.0	31.028482	50.0	614255.0	0.155142	Y
7	STD500 460-774371/8	500.0	51.335172	50.0	604941.0	0.10267	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

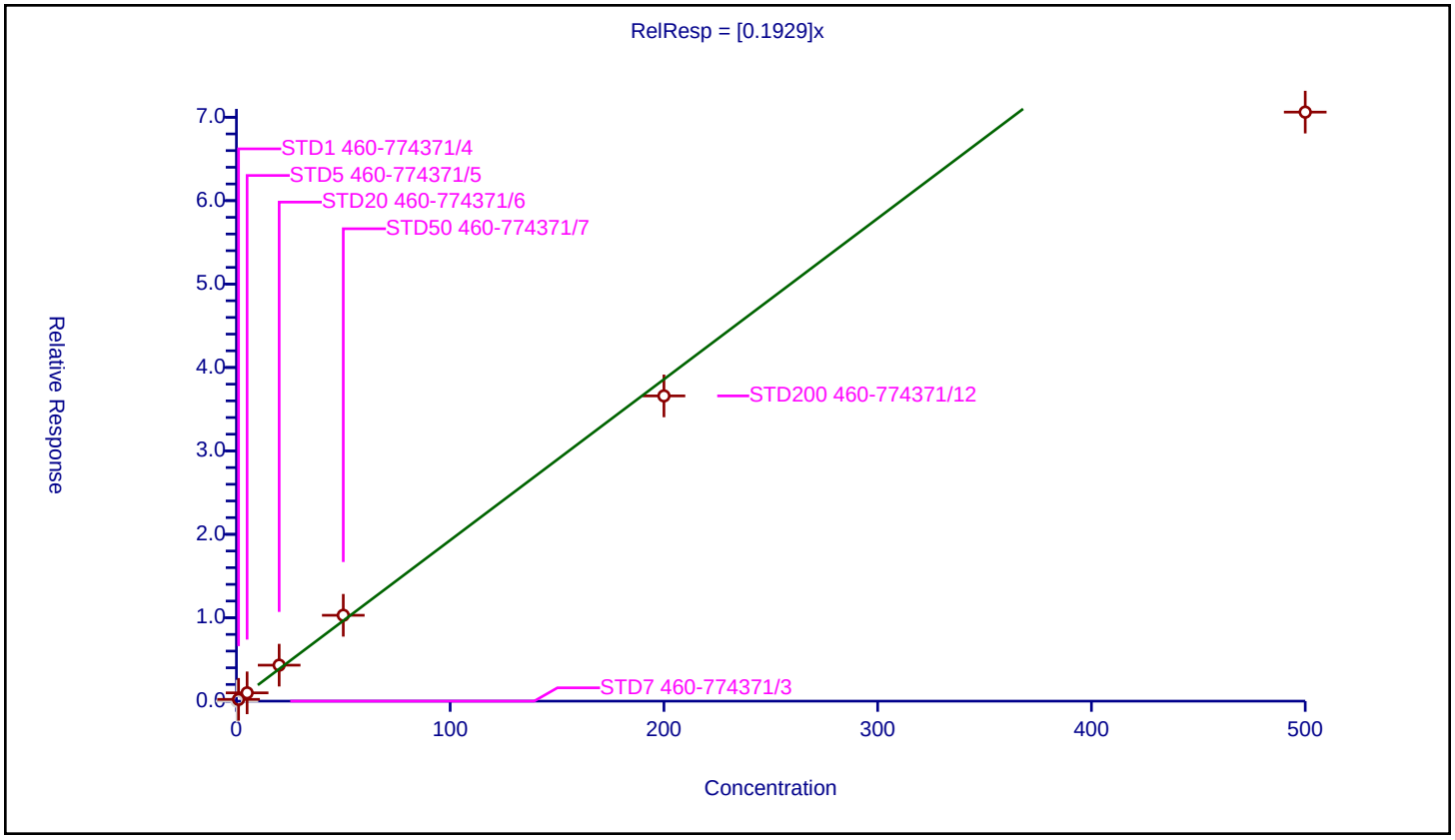
Curve Coefficients

Intercept:	0
Slope:	0.1929

Error Coefficients

Standard Error:	436000
Relative Standard Error:	14.5
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.25	0.0	50.0	596603.0	0.0	N
2	STD1 460-774371/4	1.0	0.213111	50.0	598280.0	0.213111	Y
3	STD5 460-774371/5	5.0	0.993558	50.0	589397.0	0.198712	Y
4	STD20 460-774371/6	20.0	4.312782	50.0	580565.0	0.215639	Y
5	STD50 460-774371/7	50.0	10.292373	50.0	580697.0	0.205847	Y
6	STD200 460-774371/12	200.0	36.591237	50.0	614255.0	0.182956	Y
7	STD500 460-774371/8	500.0	70.613085	50.0	604941.0	0.141226	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

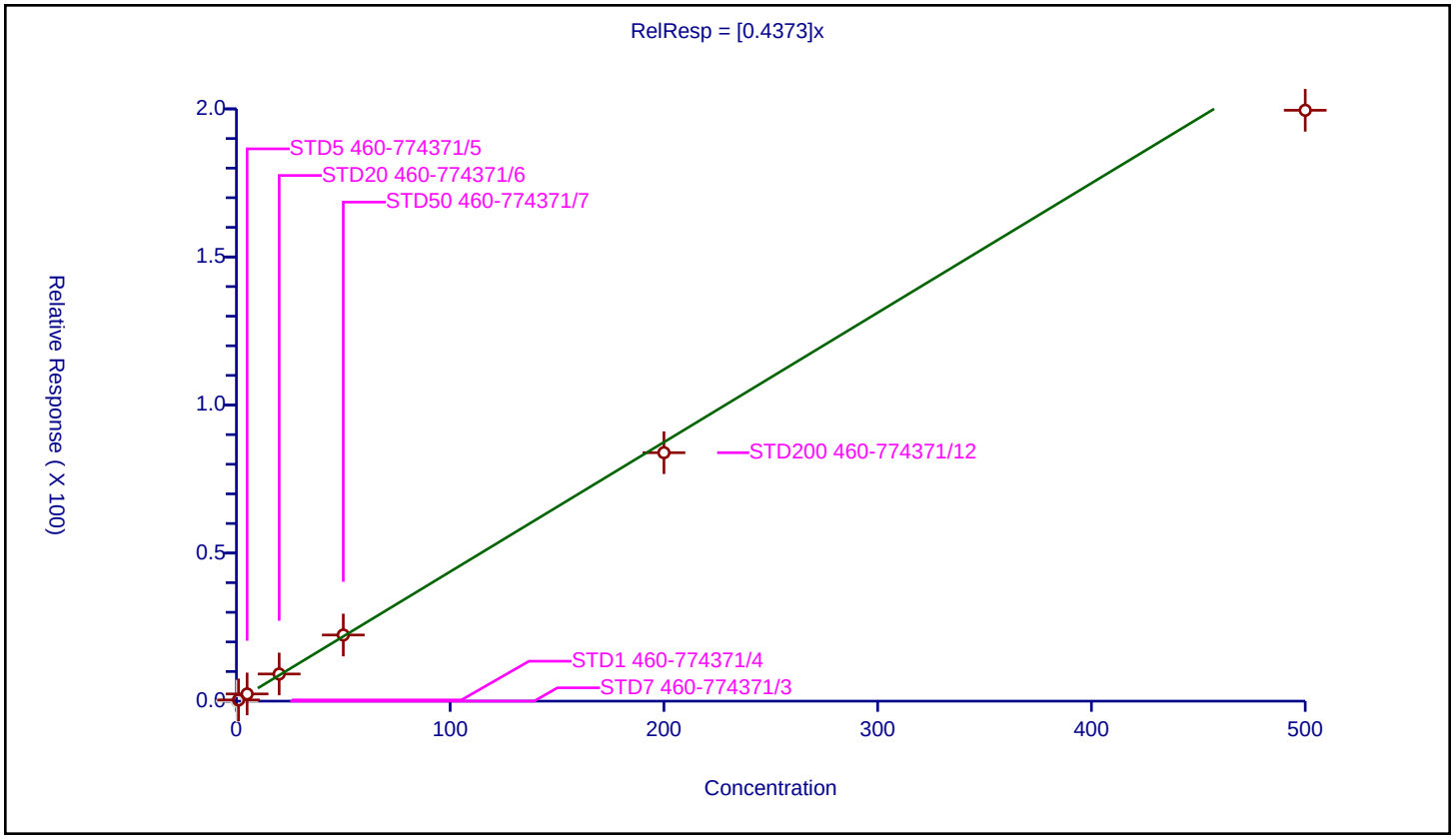
Curve Coefficients

Intercept:	0
Slope:	0.4373

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.25	0.0	50.0	596603.0	0.0	N
2	STD1 460-774371/4	1.0	0.41285	50.0	598280.0	0.41285	Y
3	STD5 460-774371/5	5.0	2.434183	50.0	589397.0	0.486837	Y
4	STD20 460-774371/6	20.0	9.172616	50.0	580565.0	0.458631	Y
5	STD50 460-774371/7	50.0	22.334625	50.0	580697.0	0.446693	Y
6	STD200 460-774371/12	200.0	83.901067	50.0	614255.0	0.419505	Y
7	STD500 460-774371/8	500.0	199.536401	50.0	604941.0	0.399073	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

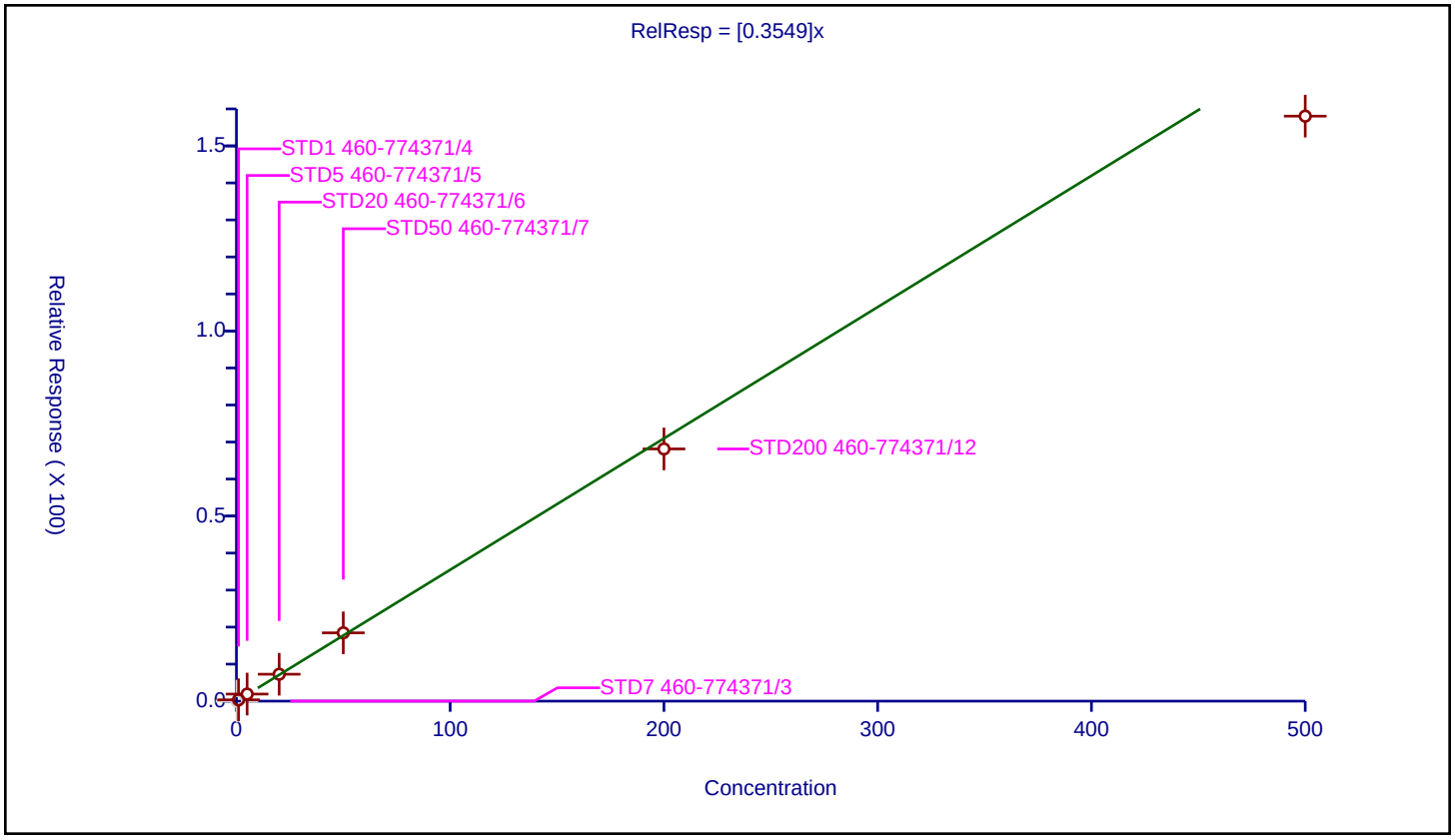
Curve Coefficients

Intercept:	0
Slope:	0.3549

Error Coefficients

Standard Error:	939000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.25	0.0	50.0	596603.0	0.0	N
2	STD1 460-774371/4	1.0	0.357274	50.0	598280.0	0.357274	Y
3	STD5 460-774371/5	5.0	1.913481	50.0	589397.0	0.382696	Y
4	STD20 460-774371/6	20.0	7.268781	50.0	580565.0	0.363439	Y
5	STD50 460-774371/7	50.0	18.4505	50.0	580697.0	0.36901	Y
6	STD200 460-774371/12	200.0	68.133593	50.0	614255.0	0.340668	Y
7	STD500 460-774371/8	500.0	158.042685	50.0	604941.0	0.316085	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

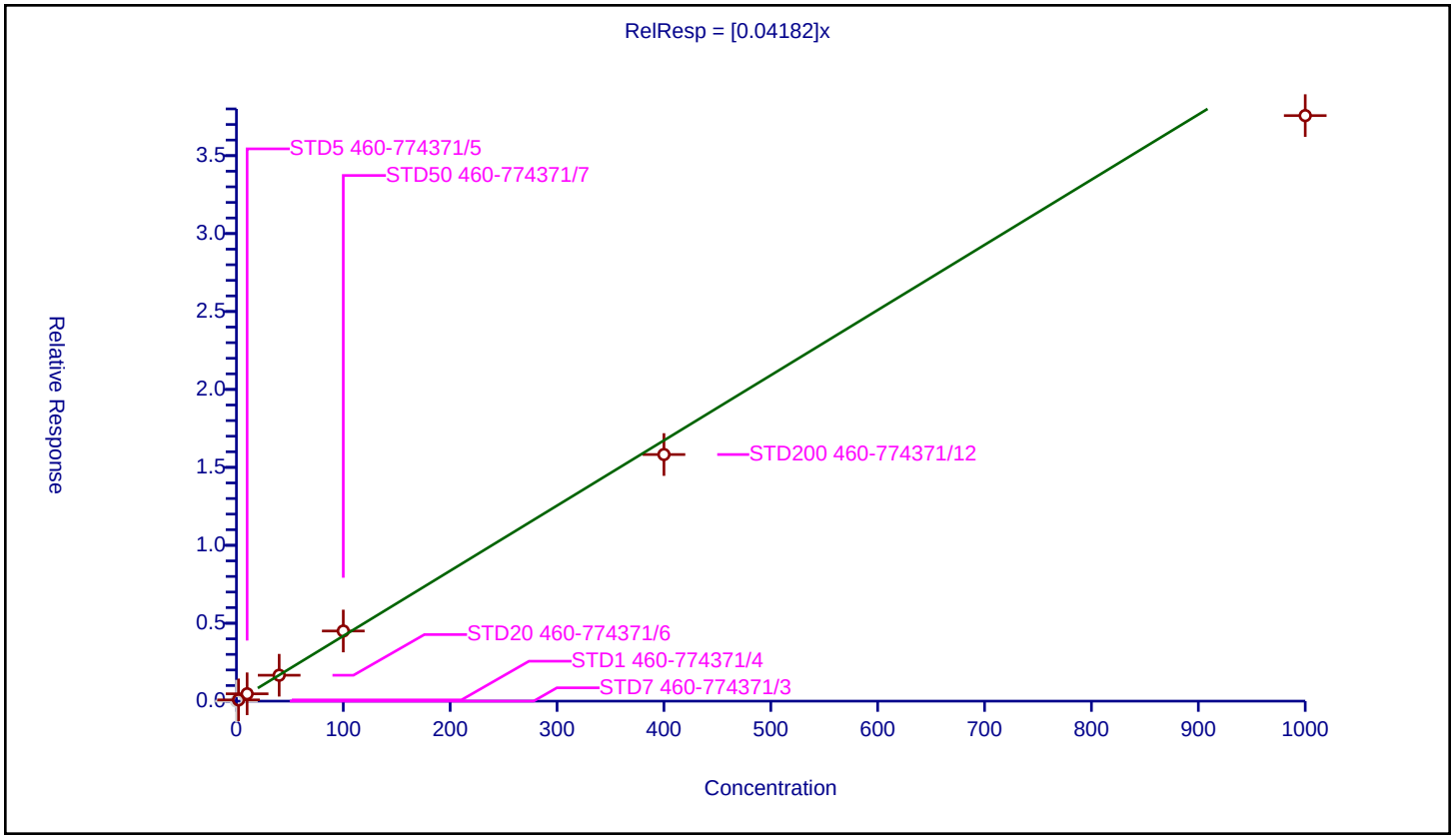
Curve Coefficients

Intercept:	0
Slope:	0.04182

Error Coefficients

Standard Error:	222000
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	2.0	0.080146	50.0	598280.0	0.040073	Y
3	STD5 460-774371/5	10.0	0.471584	50.0	589397.0	0.047158	Y
4	STD20 460-774371/6	40.0	1.662174	50.0	580565.0	0.041554	Y
5	STD50 460-774371/7	100.0	4.500282	50.0	580697.0	0.045003	Y
6	STD200 460-774371/12	400.0	15.824373	50.0	614255.0	0.039561	Y
7	STD500 460-774371/8	1000.0	37.56978	50.0	604941.0	0.03757	Y



Calibration / Ethanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

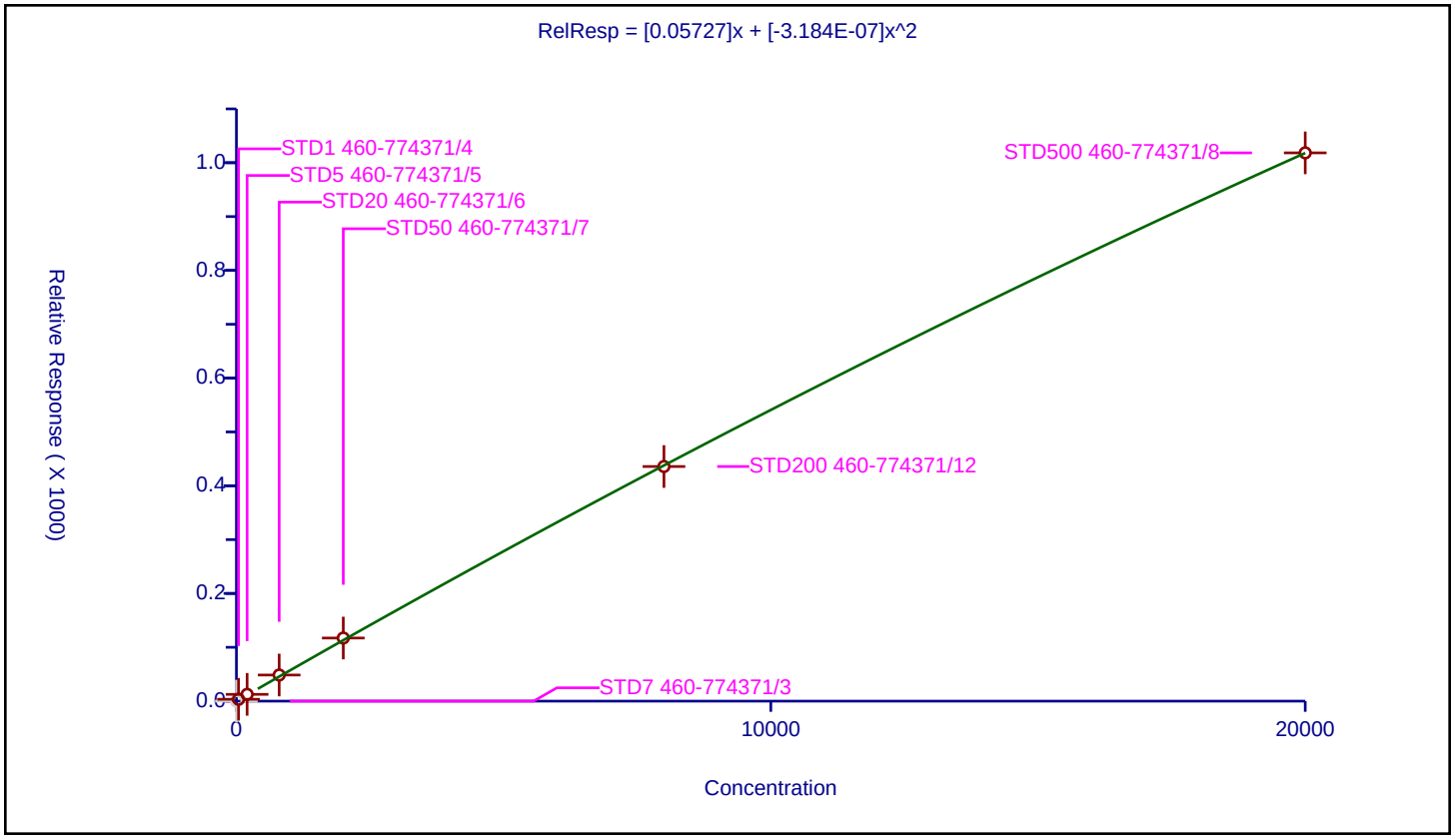
Curve Coefficients

Intercept:	0
Slope:	0.05727
Second Order:	-3.184E-07

Error Coefficients

Standard Error:	153000
Relative Standard Error:	26.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	1000.0	253286.0	NaN	N
2	STD1 460-774371/4	40.0	3.485377	1000.0	234121.0	0.087134	Y
3	STD5 460-774371/5	200.0	12.567446	1000.0	237598.0	0.062837	Y
4	STD20 460-774371/6	800.0	48.515641	1000.0	248188.0	0.060645	Y
5	STD50 460-774371/7	2000.0	117.232009	1000.0	248021.0	0.058616	Y
6	STD200 460-774371/12	8000.0	435.772837	1000.0	278021.0	0.054472	Y
7	STD500 460-774371/8	20000.0	1018.316799	1000.0	275594.0	0.050916	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

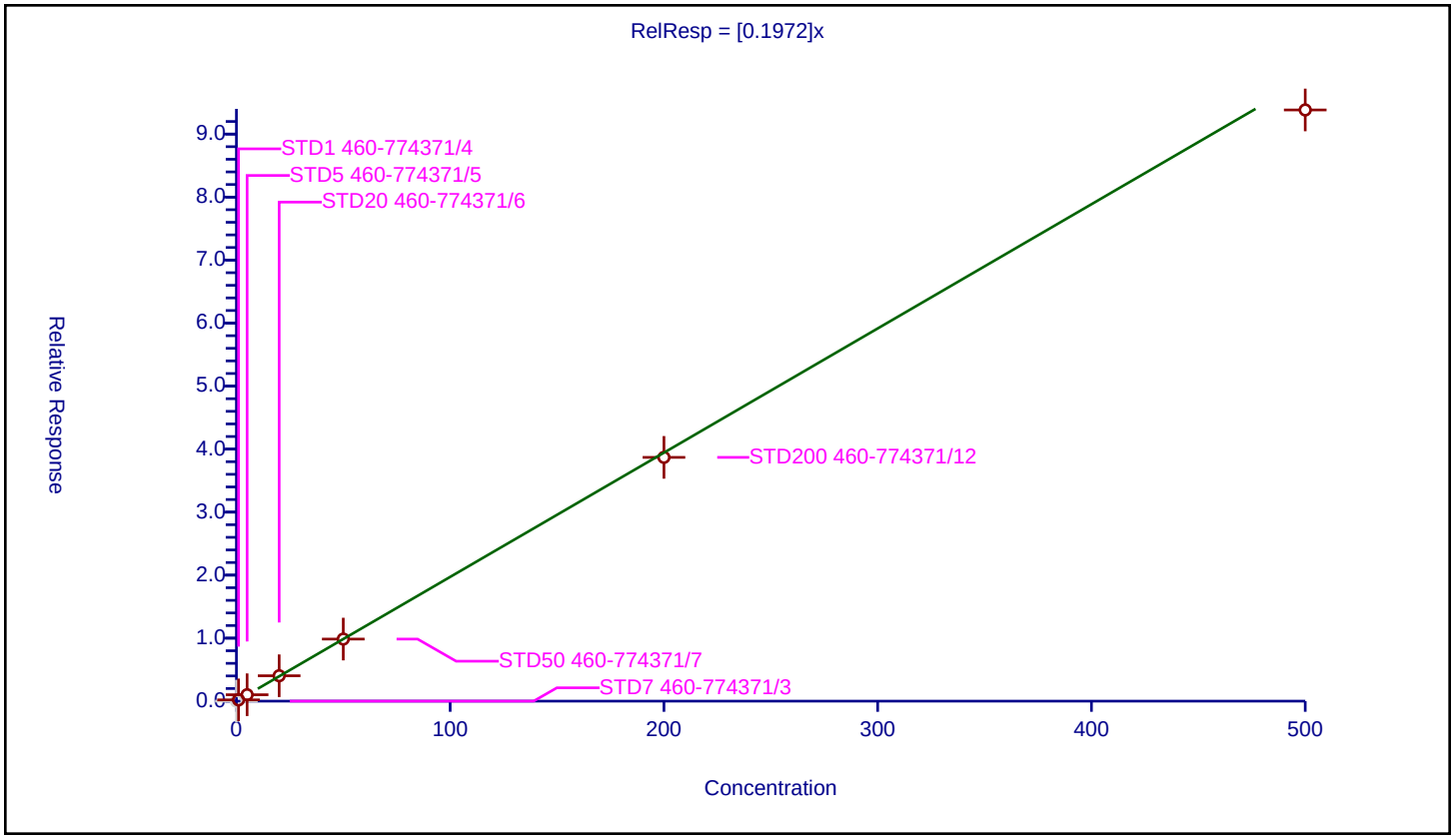
Curve Coefficients

Intercept:	0
Slope:	0.1972

Error Coefficients

Standard Error:	553000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.19999	50.0	598280.0	0.19999	Y
3	STD5 460-774371/5	5.0	1.016802	50.0	589397.0	0.20336	Y
4	STD20 460-774371/6	20.0	4.029954	50.0	580565.0	0.201498	Y
5	STD50 460-774371/7	50.0	9.852643	50.0	580697.0	0.197053	Y
6	STD200 460-774371/12	200.0	38.688248	50.0	614255.0	0.193441	Y
7	STD500 460-774371/8	500.0	93.831547	50.0	604941.0	0.187663	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

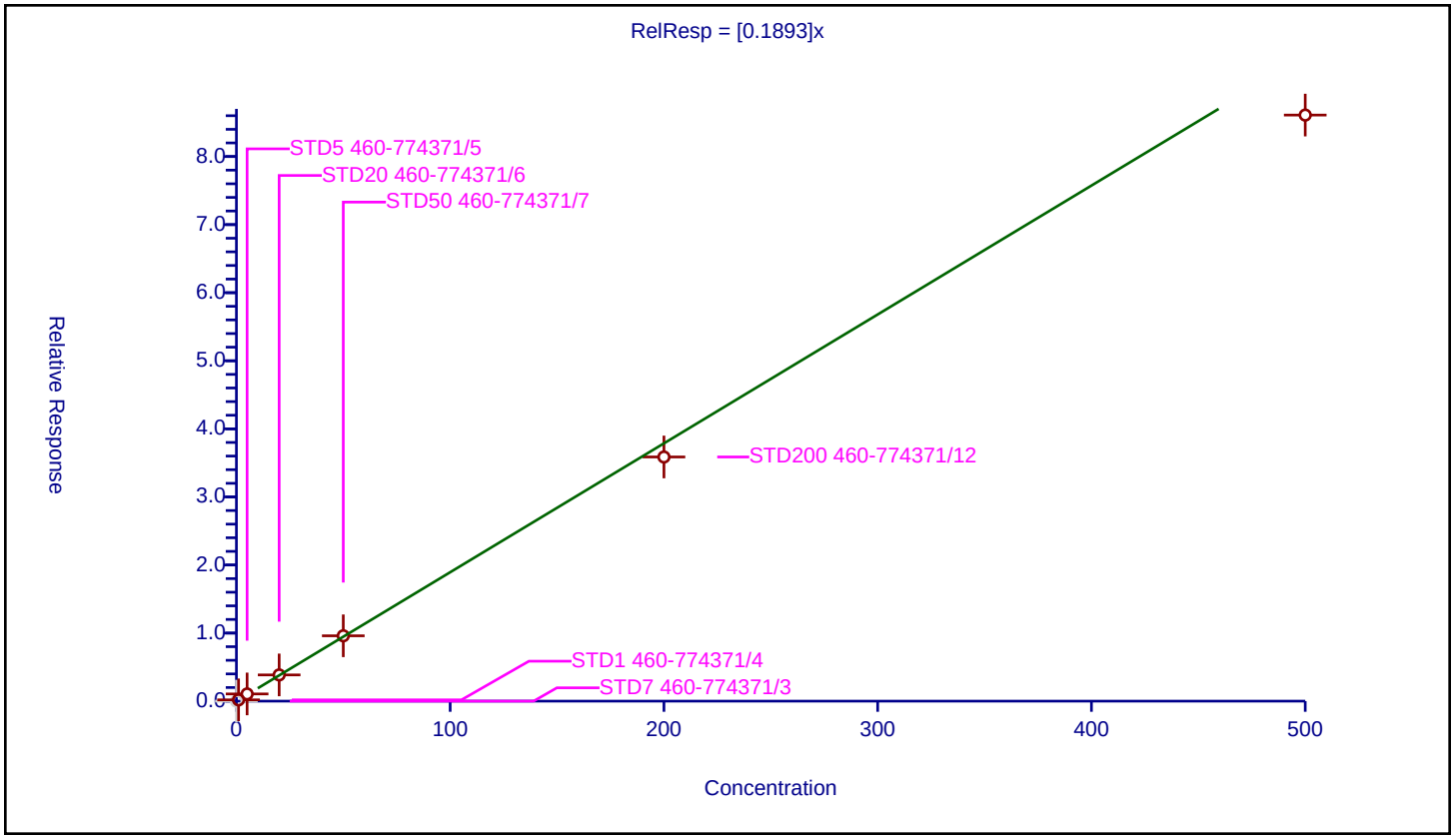
Curve Coefficients

Intercept:	0
Slope:	0.1893

Error Coefficients

Standard Error:	509000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.188624	50.0	598280.0	0.188624	Y
3	STD5 460-774371/5	5.0	1.056758	50.0	589397.0	0.211352	Y
4	STD20 460-774371/6	20.0	3.851593	50.0	580565.0	0.19258	Y
5	STD50 460-774371/7	50.0	9.597346	50.0	580697.0	0.191947	Y
6	STD200 460-774371/12	200.0	35.865724	50.0	614255.0	0.179329	Y
7	STD500 460-774371/8	500.0	86.093768	50.0	604941.0	0.172188	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

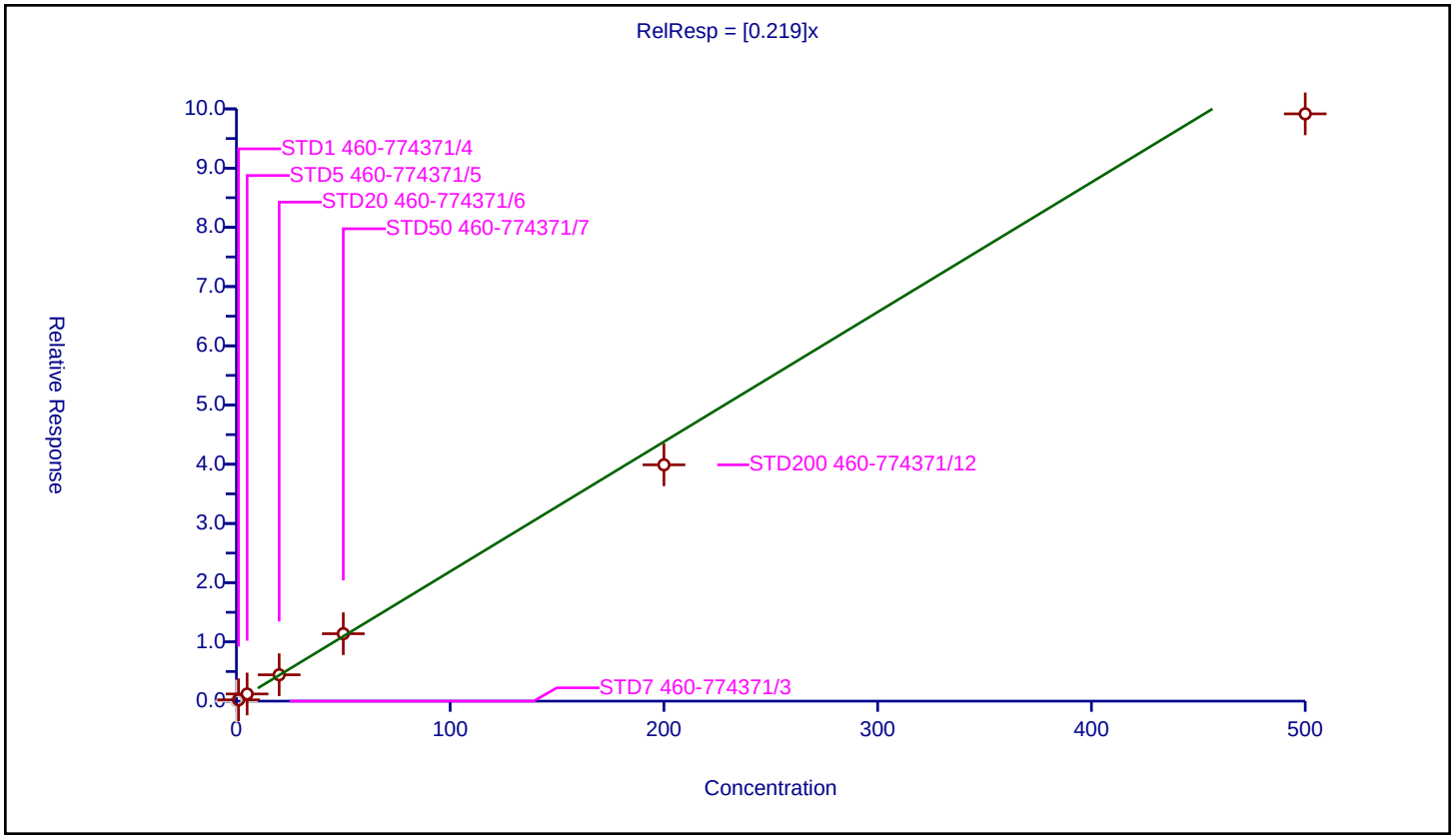
Curve Coefficients

Intercept:	0
Slope:	0.219

Error Coefficients

Standard Error:	583000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.22339	50.0	598280.0	0.22339	Y
3	STD5 460-774371/5	5.0	1.213019	50.0	589397.0	0.242604	Y
4	STD20 460-774371/6	20.0	4.449717	50.0	580565.0	0.222486	Y
5	STD50 460-774371/7	50.0	11.384767	50.0	580697.0	0.227695	Y
6	STD200 460-774371/12	200.0	39.901425	50.0	614255.0	0.199507	Y
7	STD500 460-774371/8	500.0	99.163885	50.0	604941.0	0.198328	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

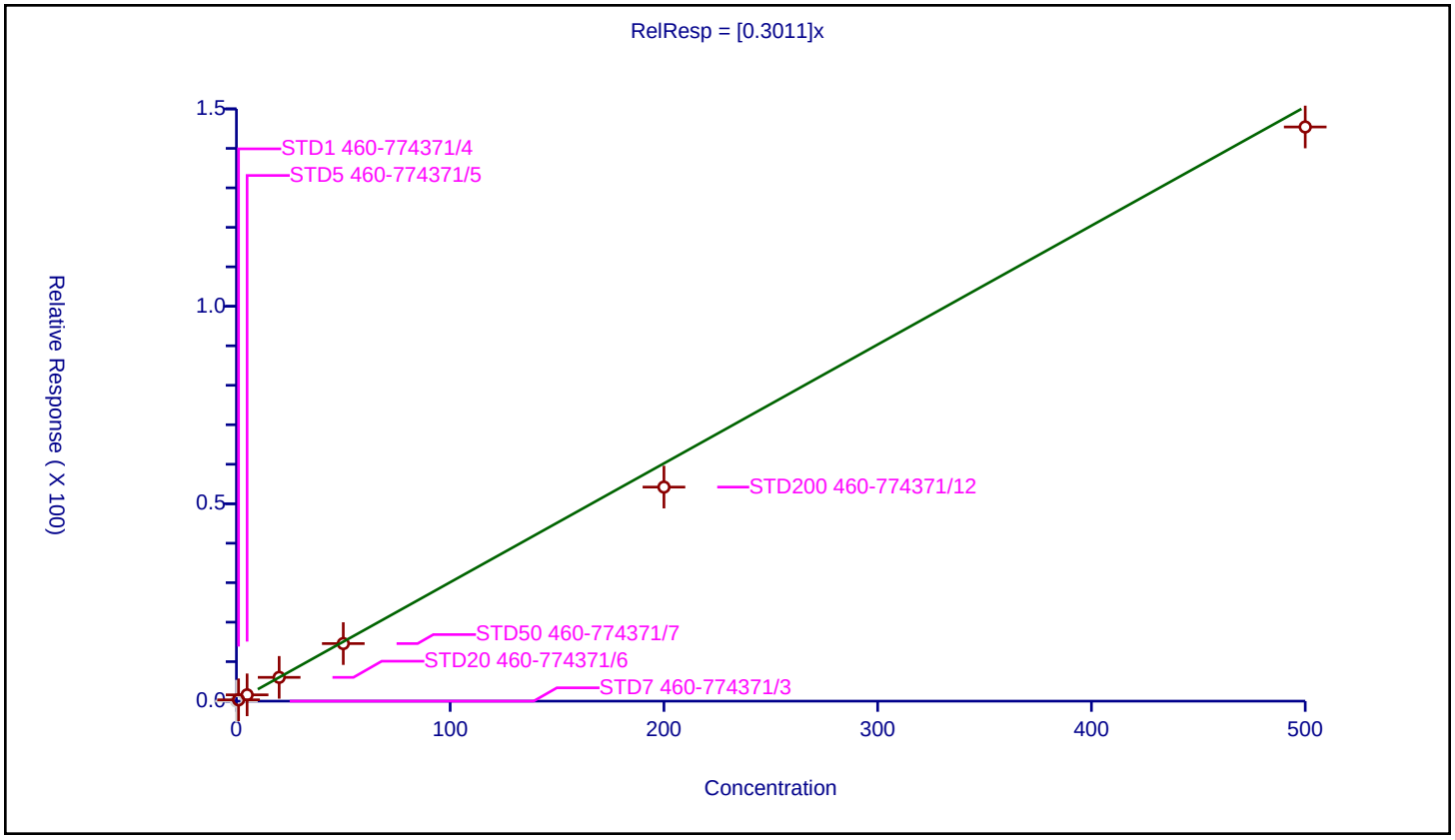
Curve Coefficients

Intercept:	0
Slope:	0.3011

Error Coefficients

Standard Error:	845000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.332286	50.0	598280.0	0.332286	Y
3	STD5 460-774371/5	5.0	1.597904	50.0	589397.0	0.319581	Y
4	STD20 460-774371/6	20.0	6.019739	50.0	580565.0	0.300987	Y
5	STD50 460-774371/7	50.0	14.580668	50.0	580697.0	0.291613	Y
6	STD200 460-774371/12	200.0	54.210955	50.0	614255.0	0.271055	Y
7	STD500 460-774371/8	500.0	145.418231	50.0	604941.0	0.290836	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

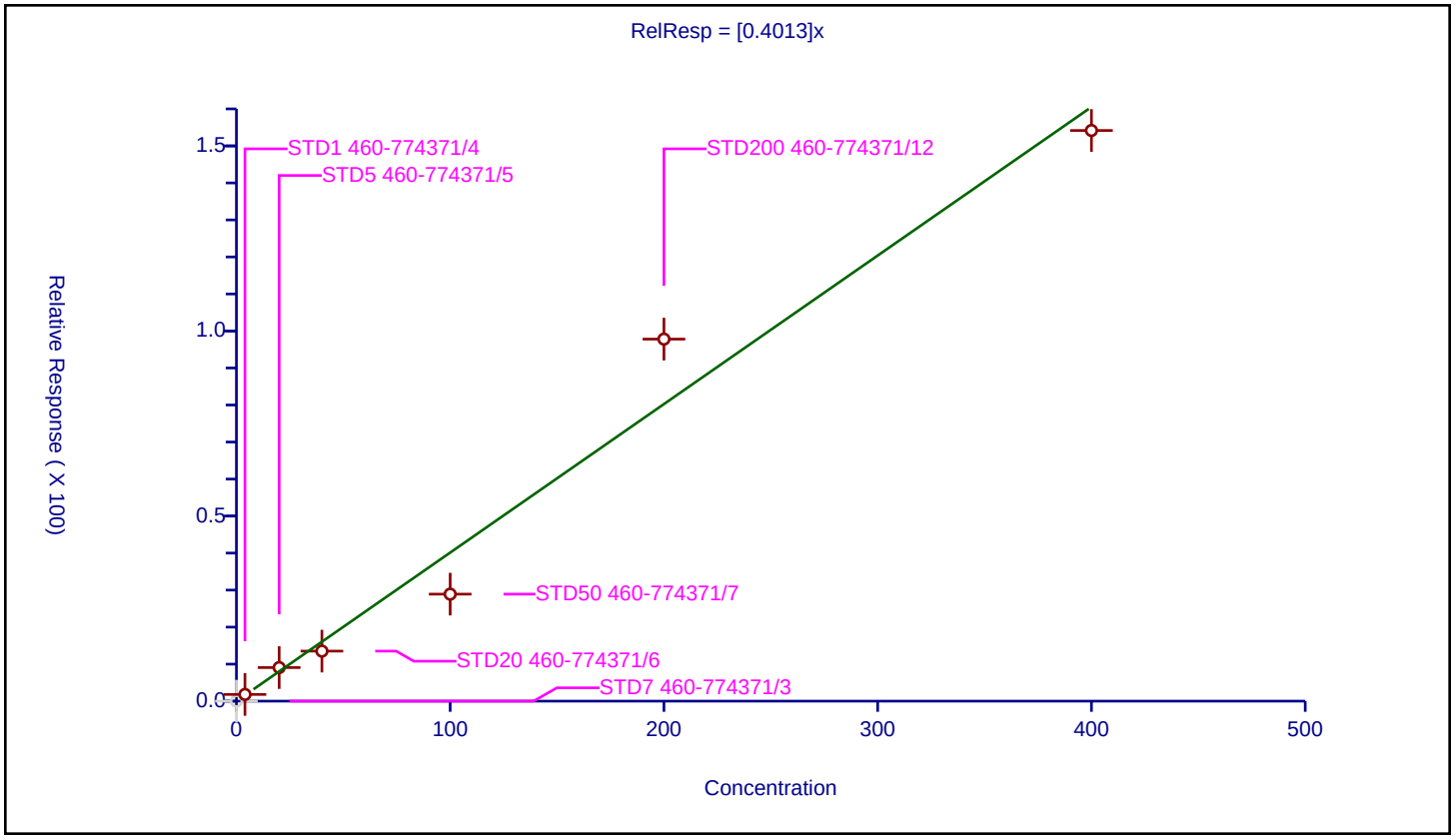
Curve Coefficients

Intercept:	0
Slope:	0.4013

Error Coefficients

Standard Error:	22800
Relative Standard Error:	19.3
Correlation Coefficient:	0.970
Coefficient of Determination (Adjusted):	0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	1000.0	253286.0	NaN	N
2	STD1 460-774371/4	4.000016	1.811029	1000.0	234121.0	0.452755	Y
3	STD5 460-774371/5	20.000082	9.069942	1000.0	237598.0	0.453495	Y
4	STD20 460-774371/6	40.000164	13.513949	1000.0	248188.0	0.337847	Y
5	STD50 460-774371/7	100.00041	28.908842	1000.0	248021.0	0.289087	Y
6	STD200 460-774371/12	200.00082	97.801965	1000.0	278021.0	0.489008	Y
7	STD500 460-774371/8	400.00164	154.161556	1000.0	275594.0	0.385402	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

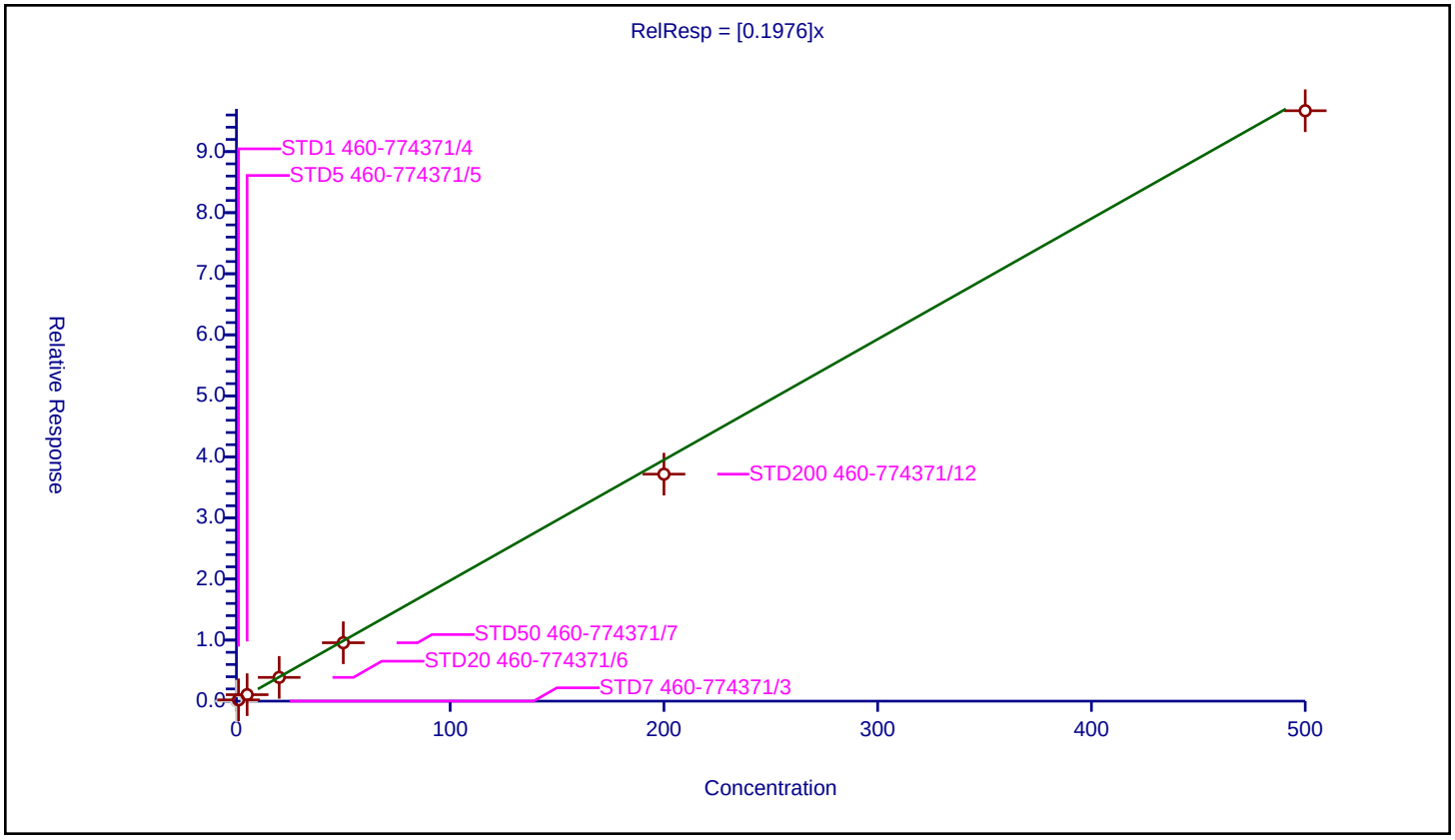
Curve Coefficients

Intercept:	0
Slope:	0.1976

Error Coefficients

Standard Error:	564000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.208598	50.0	598280.0	0.208598	Y
3	STD5 460-774371/5	5.0	1.059303	50.0	589397.0	0.211861	Y
4	STD20 460-774371/6	20.0	3.88854	50.0	580565.0	0.194427	Y
5	STD50 460-774371/7	50.0	9.566177	50.0	580697.0	0.191324	Y
6	STD200 460-774371/12	200.0	37.17658	50.0	614255.0	0.185883	Y
7	STD500 460-774371/8	500.0	96.697364	50.0	604941.0	0.193395	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

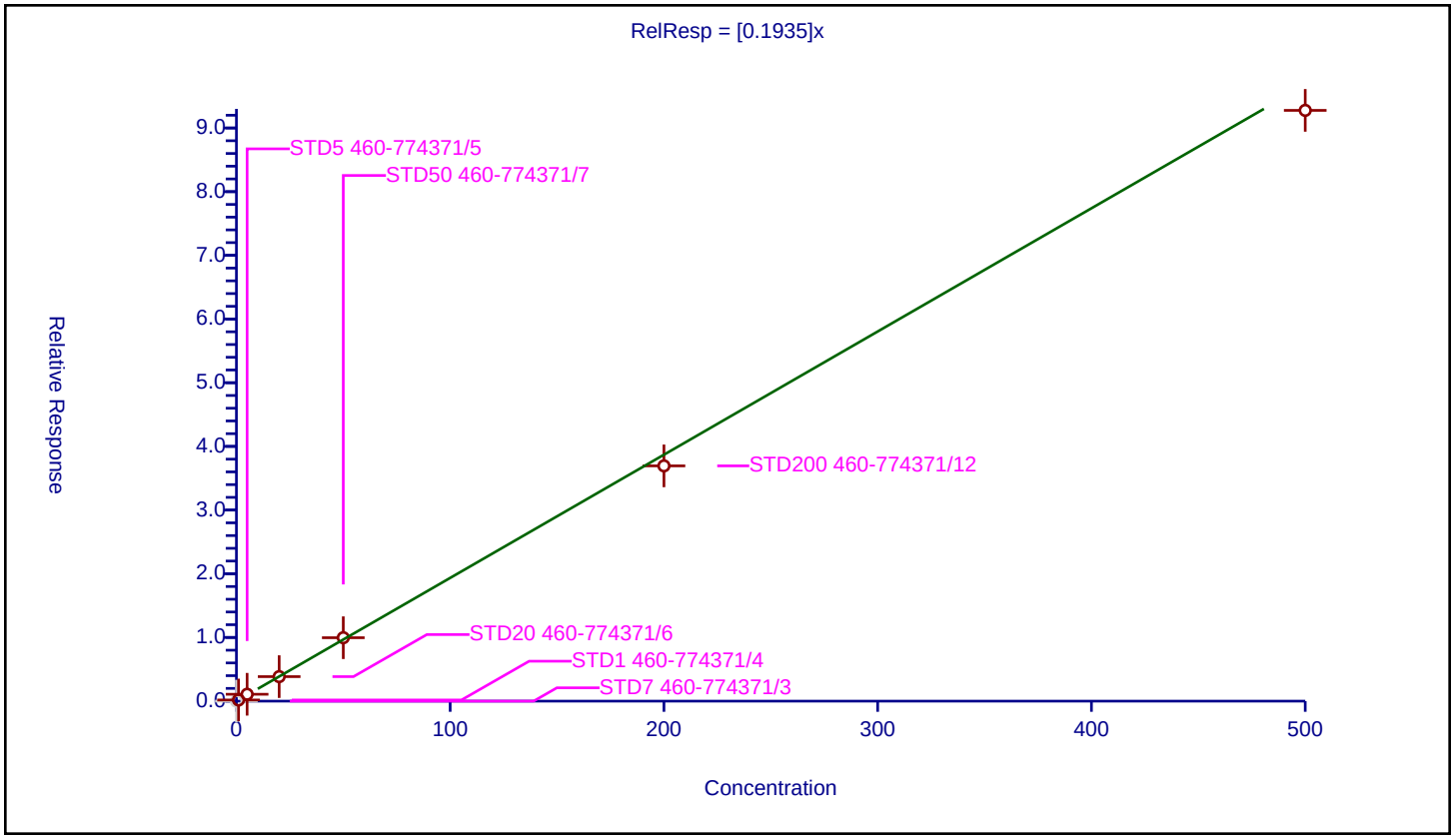
Curve Coefficients

Intercept:	0
Slope:	0.1935

Error Coefficients

Standard Error:	544000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.182523	50.0	598280.0	0.182523	Y
3	STD5 460-774371/5	5.0	1.082038	50.0	589397.0	0.216408	Y
4	STD20 460-774371/6	20.0	3.850129	50.0	580565.0	0.192506	Y
5	STD50 460-774371/7	50.0	9.959325	50.0	580697.0	0.199186	Y
6	STD200 460-774371/12	200.0	36.945487	50.0	614255.0	0.184727	Y
7	STD500 460-774371/8	500.0	92.76541	50.0	604941.0	0.185531	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

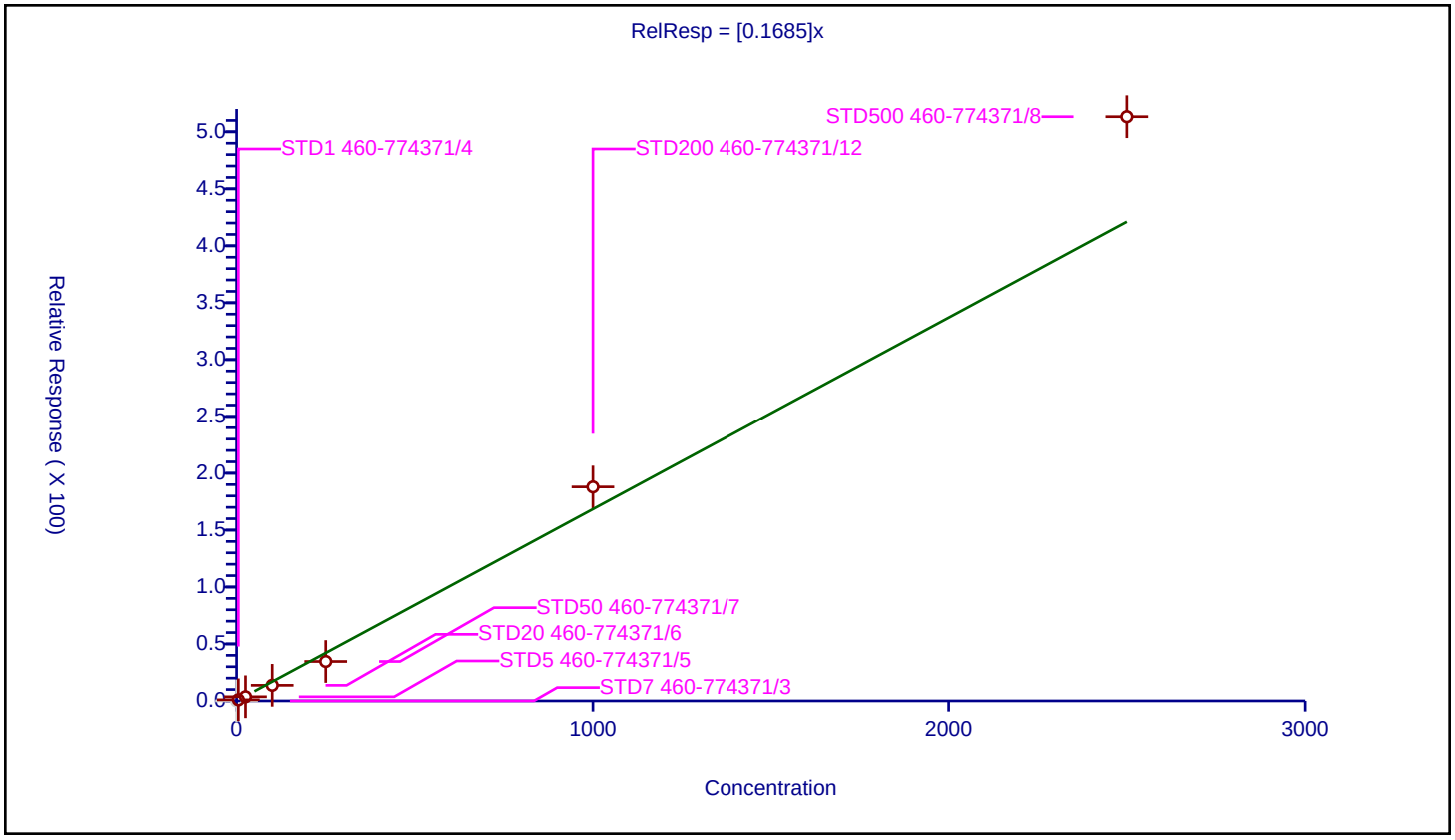
Curve Coefficients

Intercept:	0
Slope:	0.1685

Error Coefficients

Standard Error:	335000
Relative Standard Error:	18.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.959

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	250.0	344464.0	NaN	N
2	STD1 460-774371/4	5.0	0.981867	250.0	337113.0	0.196373	Y
3	STD5 460-774371/5	25.0	3.642219	250.0	333176.0	0.145689	Y
4	STD20 460-774371/6	100.0	13.702511	250.0	342346.0	0.137025	Y
5	STD50 460-774371/7	250.0	34.592623	250.0	338114.0	0.13837	Y
6	STD200 460-774371/12	1000.0	187.956949	250.0	362458.0	0.187957	Y
7	STD500 460-774371/8	2500.0	513.236257	250.0	339182.0	0.205295	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

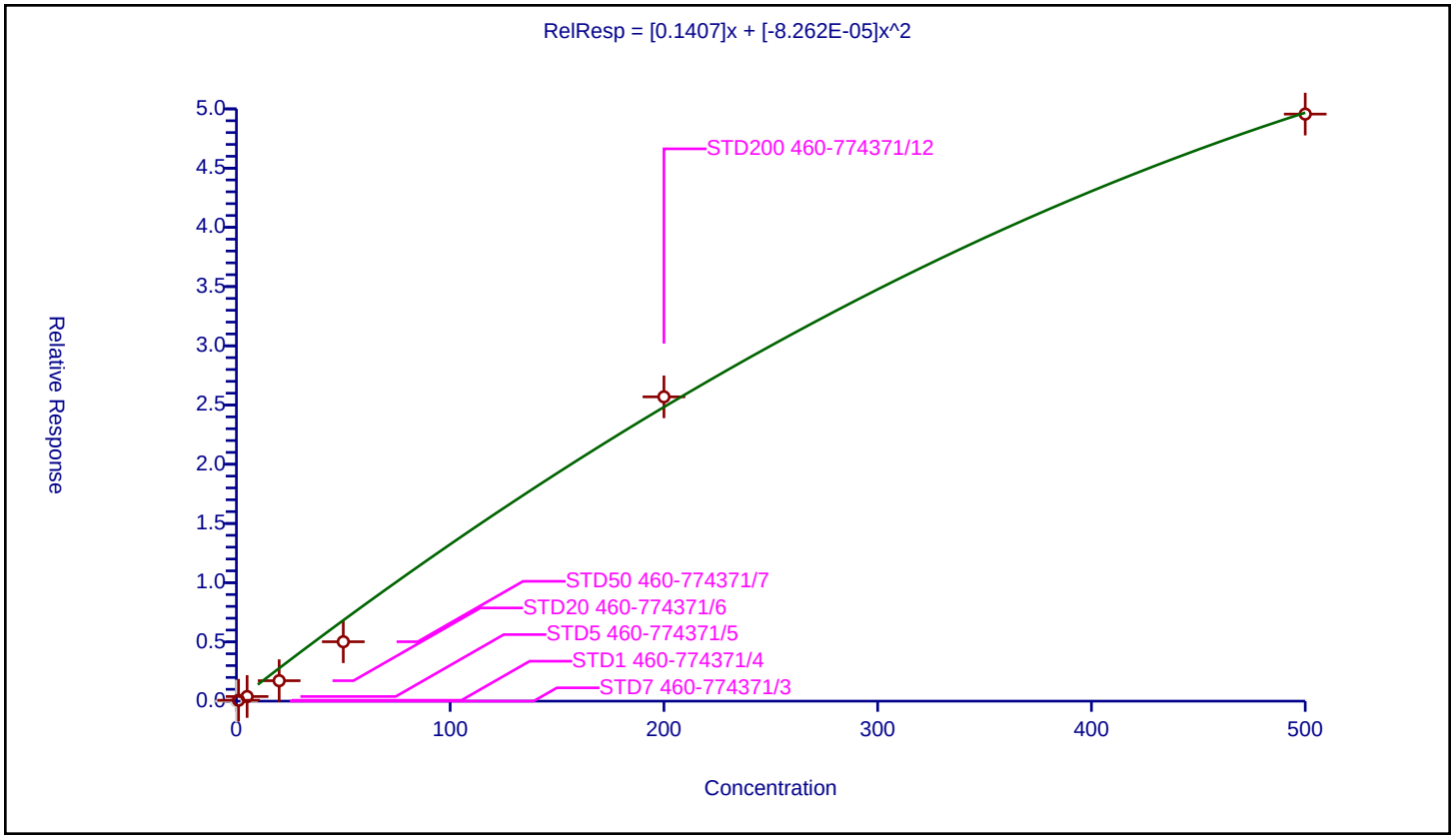
Curve Coefficients

Intercept:	0
Slope:	0.1407
Second Order:	-8.262E-05

Error Coefficients

Standard Error:	340000
Relative Standard Error:	40.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.074213	50.0	598280.0	0.074213	Y
3	STD5 460-774371/5	5.0	0.390314	50.0	589397.0	0.078063	Y
4	STD20 460-774371/6	20.0	1.724785	50.0	580565.0	0.086239	Y
5	STD50 460-774371/7	50.0	5.015697	50.0	580697.0	0.100314	Y
6	STD200 460-774371/12	200.0	25.690878	50.0	614255.0	0.128454	Y
7	STD500 460-774371/8	500.0	49.562023	50.0	604941.0	0.099124	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

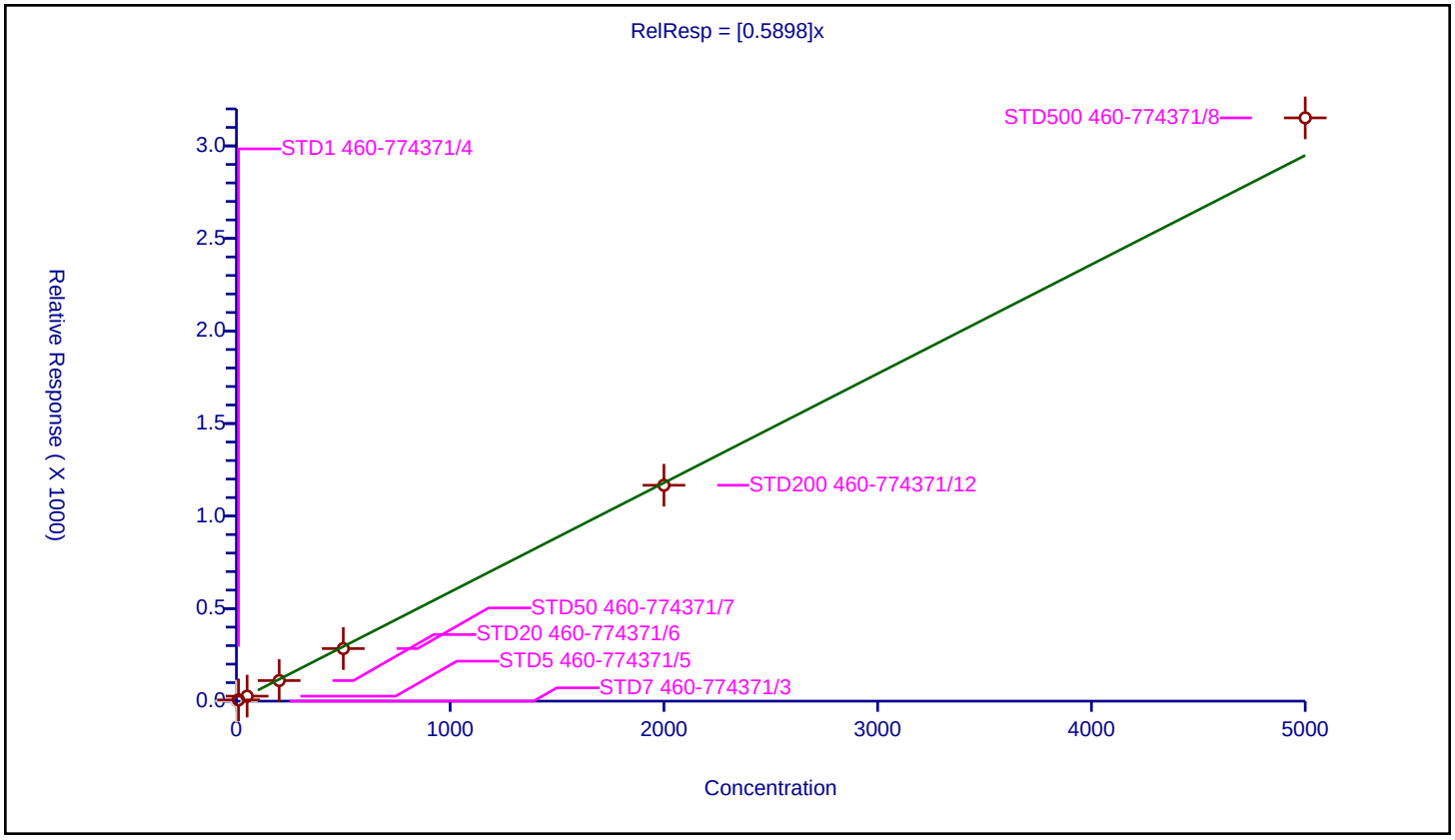
Curve Coefficients

Intercept:	0
Slope:	0.5898

Error Coefficients

Standard Error:	415000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	1000.0	253286.0	NaN	N
2	STD1 460-774371/4	10.0	6.611966	1000.0	234121.0	0.661197	Y
3	STD5 460-774371/5	50.0	27.007803	1000.0	237598.0	0.540156	Y
4	STD20 460-774371/6	200.0	111.169758	1000.0	248188.0	0.555849	Y
5	STD50 460-774371/7	500.0	283.955794	1000.0	248021.0	0.567912	Y
6	STD200 460-774371/12	2000.0	1166.631298	1000.0	278021.0	0.583316	Y
7	STD500 460-774371/8	5000.0	3151.458305	1000.0	275594.0	0.630292	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

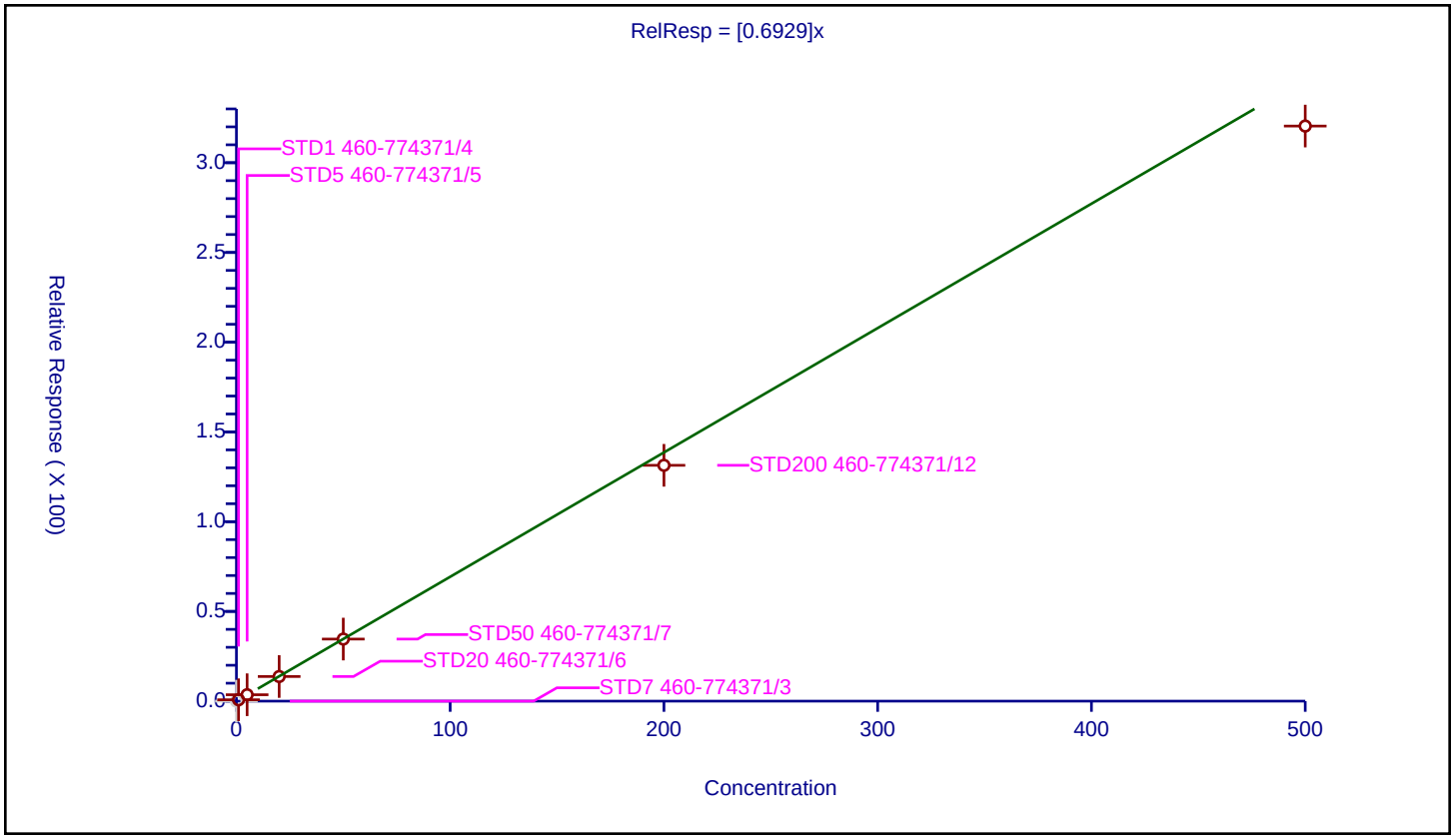
Curve Coefficients

Intercept:	0
Slope:	0.6929

Error Coefficients

Standard Error:	1890000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.768871	50.0	598280.0	0.768871	Y
3	STD5 460-774371/5	5.0	3.56203	50.0	589397.0	0.712406	Y
4	STD20 460-774371/6	20.0	13.725509	50.0	580565.0	0.686275	Y
5	STD50 460-774371/7	50.0	34.590759	50.0	580697.0	0.691815	Y
6	STD200 460-774371/12	200.0	131.402105	50.0	614255.0	0.657011	Y
7	STD500 460-774371/8	500.0	320.443895	50.0	604941.0	0.640888	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

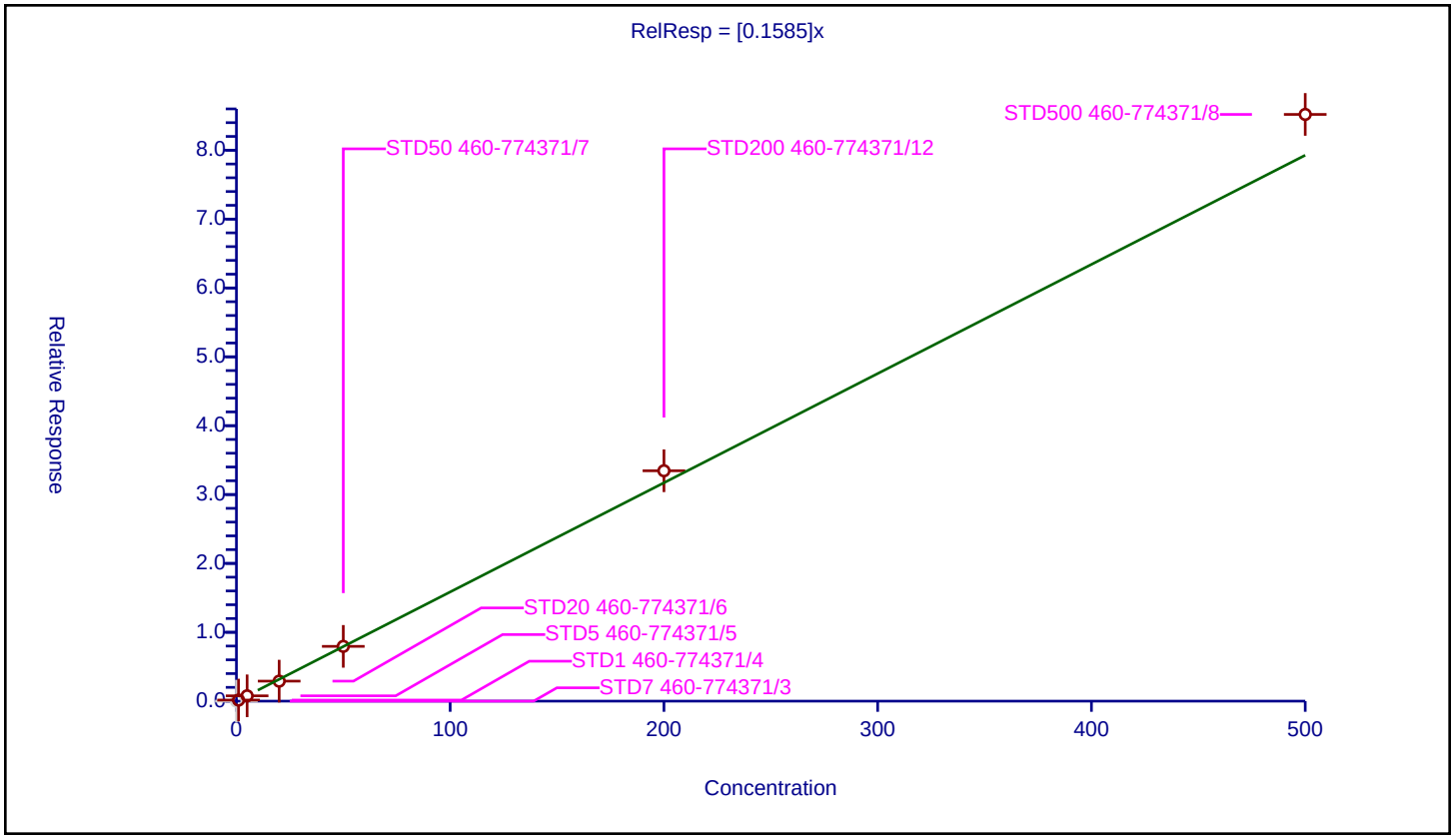
Curve Coefficients

Intercept:	0
Slope:	0.1585

Error Coefficients

Standard Error:	498000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.155028	50.0	598280.0	0.155028	Y
3	STD5 460-774371/5	5.0	0.771466	50.0	589397.0	0.154293	Y
4	STD20 460-774371/6	20.0	2.904498	50.0	580565.0	0.145225	Y
5	STD50 460-774371/7	50.0	7.953029	50.0	580697.0	0.159061	Y
6	STD200 460-774371/12	200.0	33.452556	50.0	614255.0	0.167263	Y
7	STD500 460-774371/8	500.0	85.195829	50.0	604941.0	0.170392	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

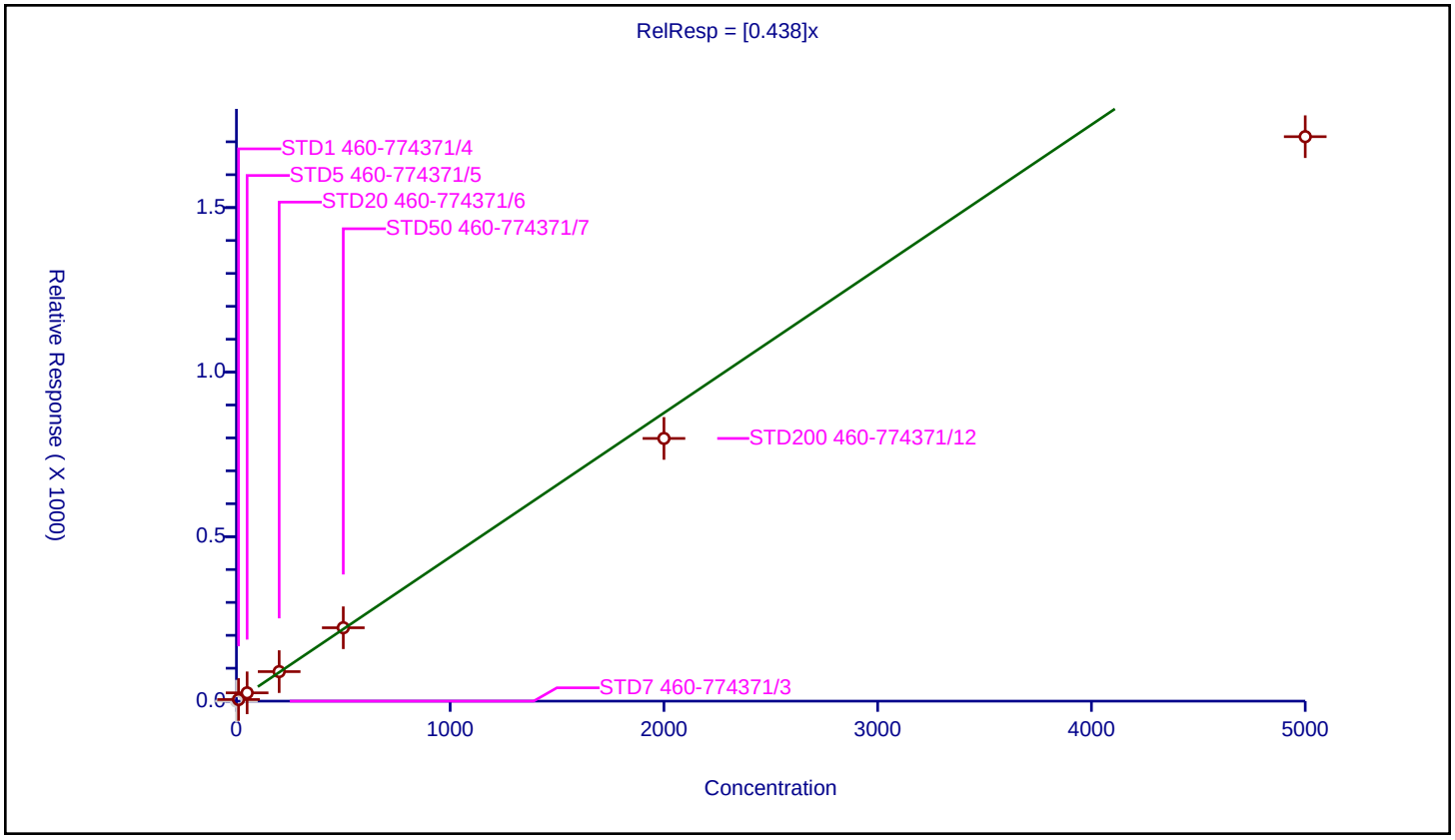
Curve Coefficients

Intercept:	0
Slope:	0.438

Error Coefficients

Standard Error:	234000
Relative Standard Error:	13.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	1000.0	253286.0	NaN	N
2	STD1 460-774371/4	10.0	4.865006	1000.0	234121.0	0.486501	Y
3	STD5 460-774371/5	50.0	25.223276	1000.0	237598.0	0.504466	Y
4	STD20 460-774371/6	200.0	89.70619	1000.0	248188.0	0.448531	Y
5	STD50 460-774371/7	500.0	223.02547	1000.0	248021.0	0.446051	Y
6	STD200 460-774371/12	2000.0	798.45767	1000.0	278021.0	0.399229	Y
7	STD500 460-774371/8	5000.0	1715.567102	1000.0	275594.0	0.343113	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

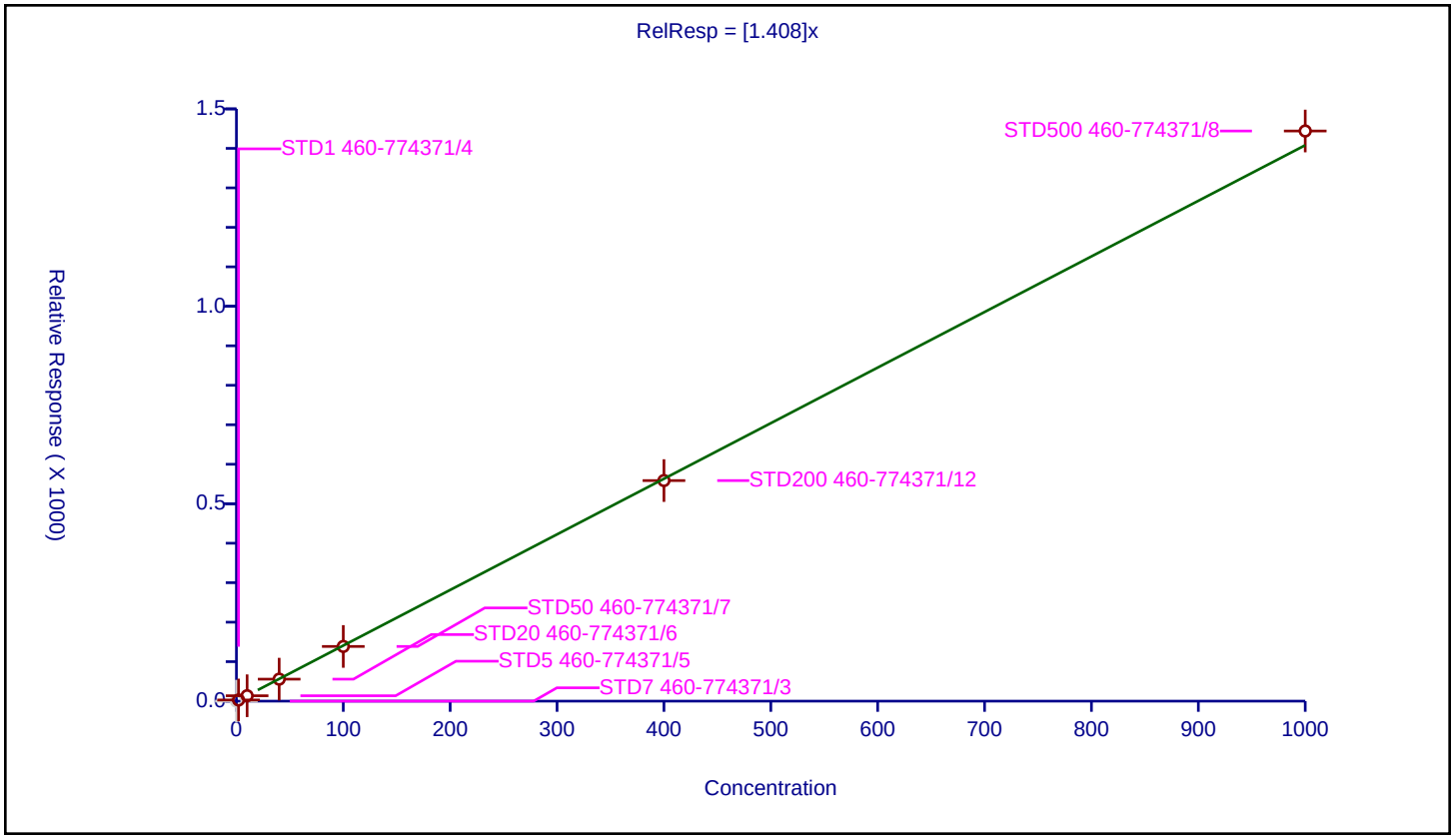
Curve Coefficients

Intercept:	0
Slope:	1.408

Error Coefficients

Standard Error:	191000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	1000.0	253286.0	NaN	N
2	STD1 460-774371/4	2.0	2.925837	1000.0	234121.0	1.462919	Y
3	STD5 460-774371/5	10.0	13.674358	1000.0	237598.0	1.367436	Y
4	STD20 460-774371/6	40.0	55.65539	1000.0	248188.0	1.391385	Y
5	STD50 460-774371/7	100.0	138.548752	1000.0	248021.0	1.385488	Y
6	STD200 460-774371/12	400.0	558.648447	1000.0	278021.0	1.396621	Y
7	STD500 460-774371/8	1000.0	1444.040872	1000.0	275594.0	1.444041	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

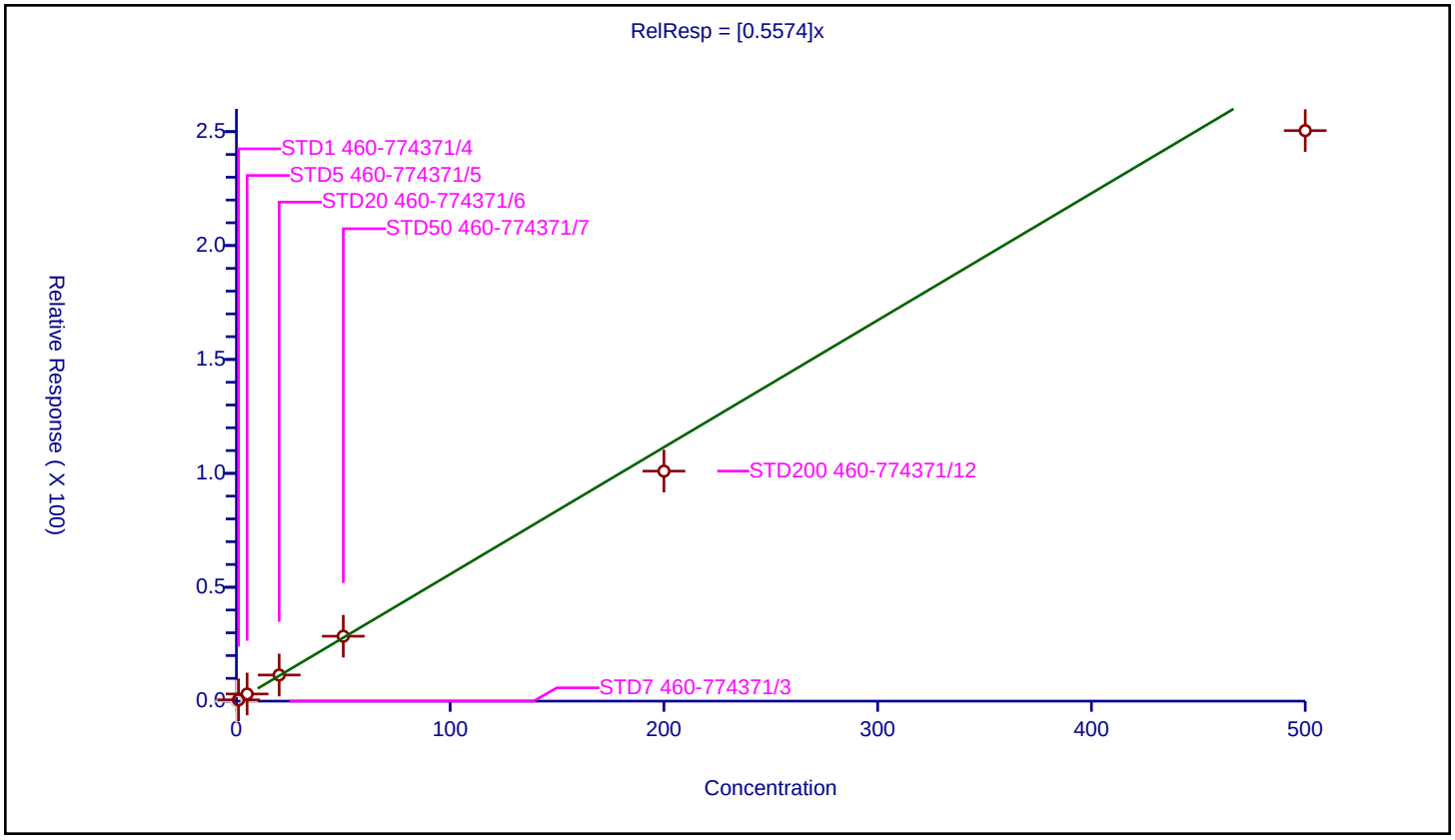
Curve Coefficients

Intercept:	0
Slope:	0.5574

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.568045	50.0	598280.0	0.568045	Y
3	STD5 460-774371/5	5.0	3.135493	50.0	589397.0	0.627099	Y
4	STD20 460-774371/6	20.0	11.463574	50.0	580565.0	0.573179	Y
5	STD50 460-774371/7	50.0	28.499458	50.0	580697.0	0.569989	Y
6	STD200 460-774371/12	200.0	100.983142	50.0	614255.0	0.504916	Y
7	STD500 460-774371/8	500.0	250.455995	50.0	604941.0	0.500912	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

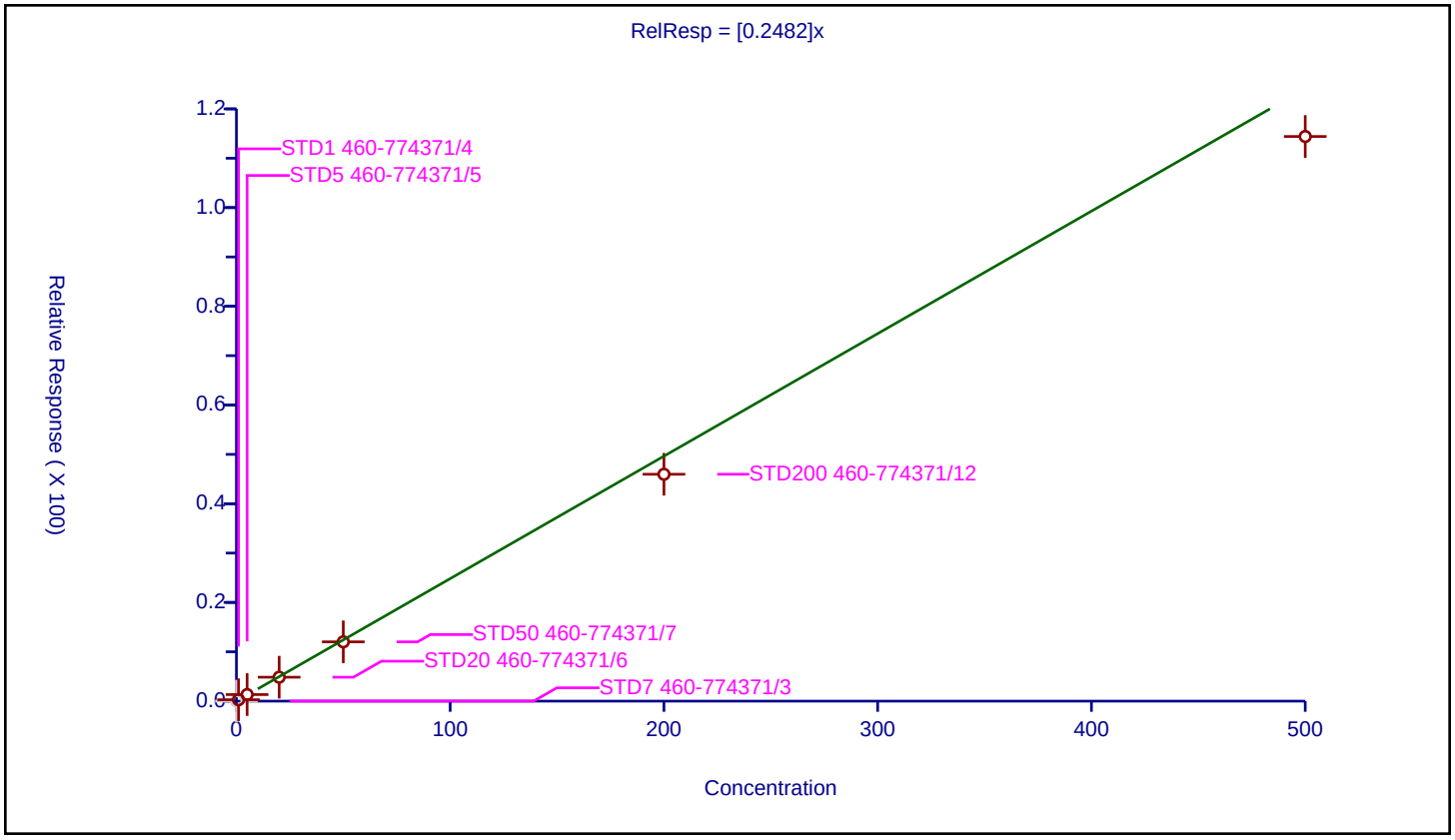
Curve Coefficients

Intercept:	0
Slope:	0.2482

Error Coefficients

Standard Error:	672000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.281724	50.0	598280.0	0.281724	Y
3	STD5 460-774371/5	5.0	1.330852	50.0	589397.0	0.26617	Y
4	STD20 460-774371/6	20.0	4.848122	50.0	580565.0	0.242406	Y
5	STD50 460-774371/7	50.0	12.013494	50.0	580697.0	0.24027	Y
6	STD200 460-774371/12	200.0	45.970322	50.0	614255.0	0.229852	Y
7	STD500 460-774371/8	500.0	114.409256	50.0	604941.0	0.228819	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

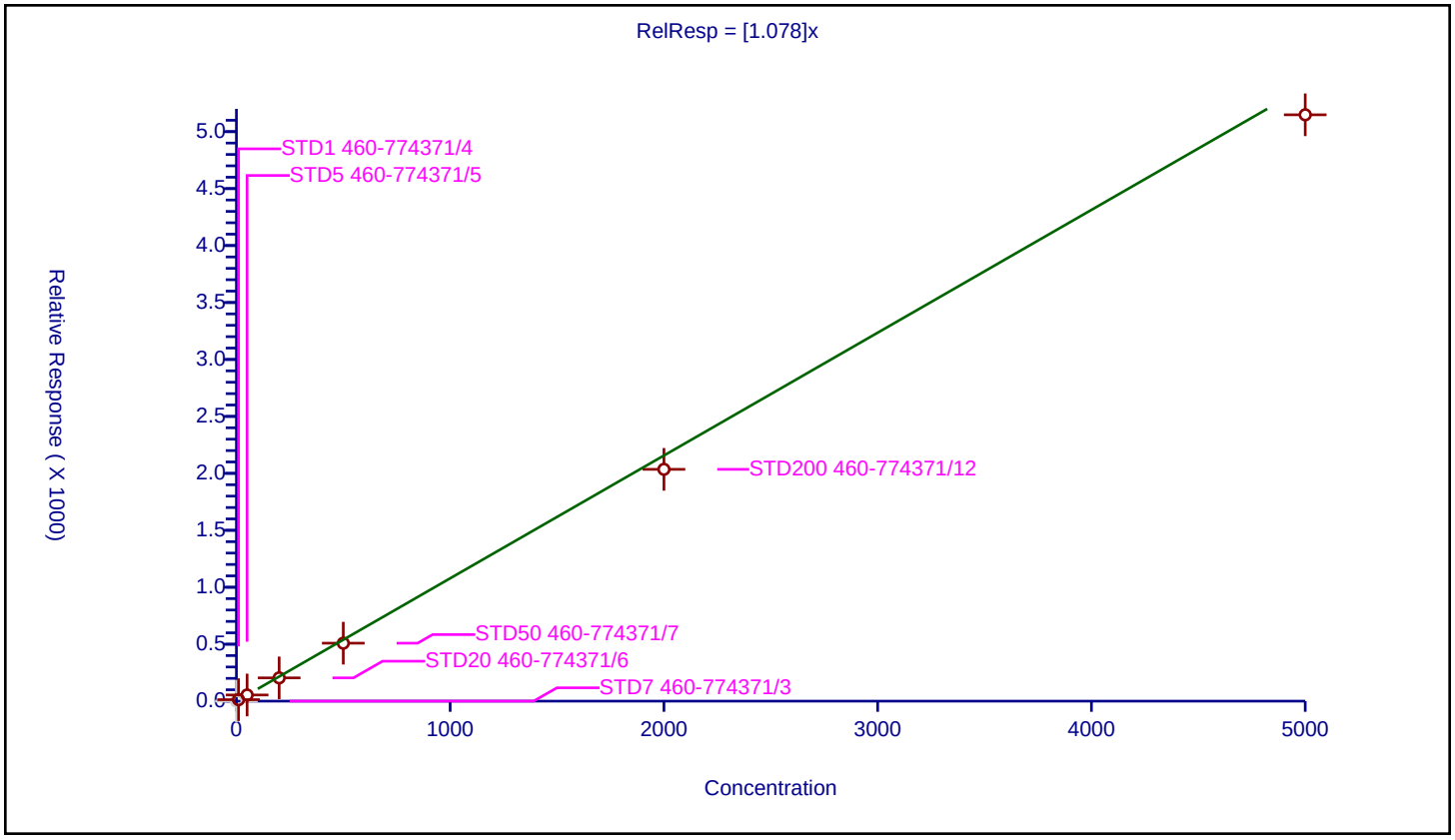
Curve Coefficients

Intercept:	0
Slope:	1.078

Error Coefficients

Standard Error:	683000
Relative Standard Error:	10.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	1000.0	253286.0	NaN	N
2	STD1 460-774371/4	10.0	13.02318	1000.0	234121.0	1.302318	Y
3	STD5 460-774371/5	50.0	54.032441	1000.0	237598.0	1.080649	Y
4	STD20 460-774371/6	200.0	204.36121	1000.0	248188.0	1.021806	Y
5	STD50 460-774371/7	500.0	508.924648	1000.0	248021.0	1.017849	Y
6	STD200 460-774371/12	2000.0	2035.259926	1000.0	278021.0	1.01763	Y
7	STD500 460-774371/8	5000.0	5148.152717	1000.0	275594.0	1.029631	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

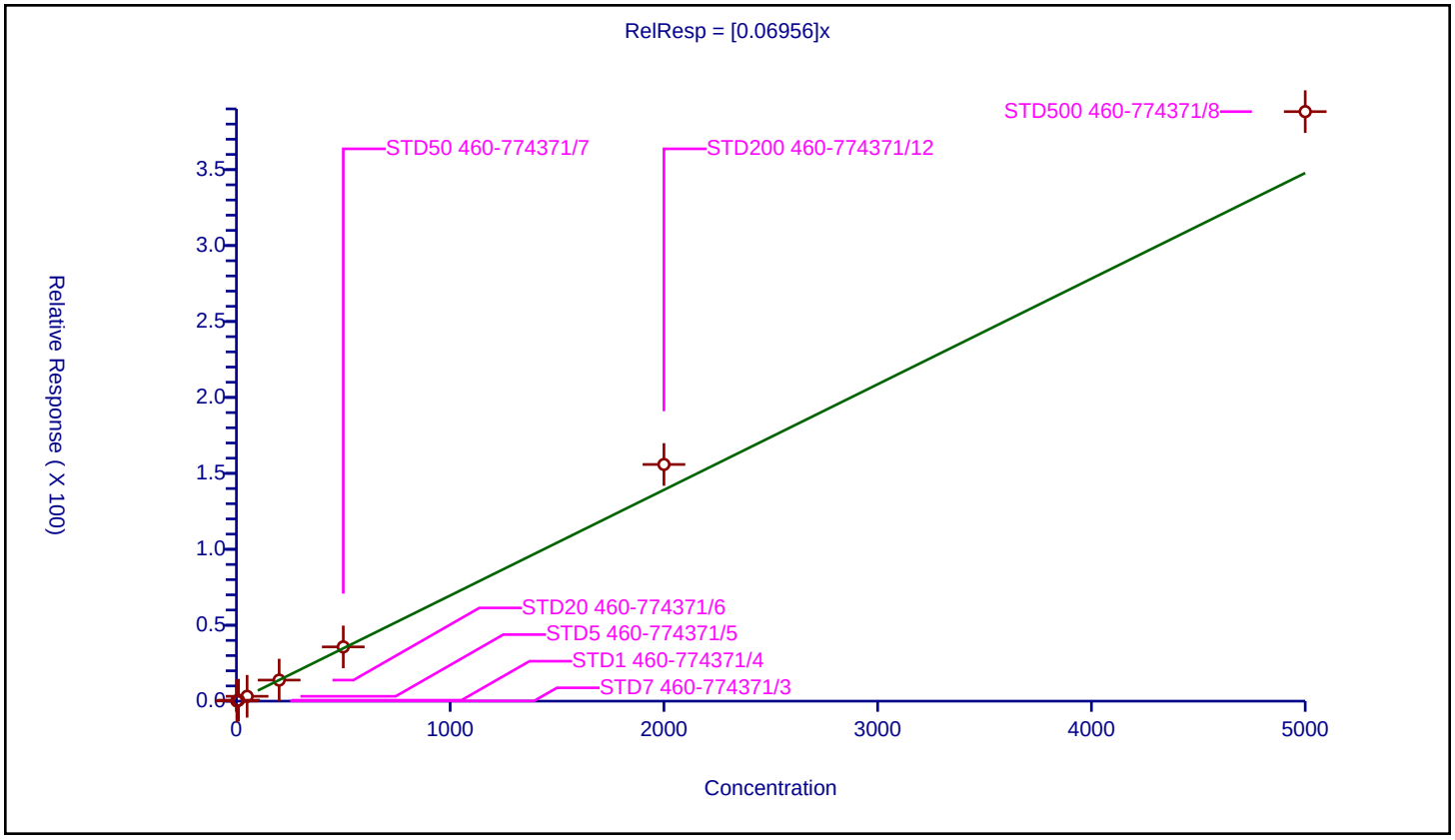
Curve Coefficients

Intercept:	0
Slope:	0.06956

Error Coefficients

Standard Error:	2080000
Relative Standard Error:	9.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	2.0	0.129902	50.0	596603.0	0.064951	Y
2	STD1 460-774371/4	10.0	0.615514	50.0	598280.0	0.061551	Y
3	STD5 460-774371/5	50.0	3.201832	50.0	589397.0	0.064037	Y
4	STD20 460-774371/6	200.0	13.868473	50.0	580565.0	0.069342	Y
5	STD50 460-774371/7	500.0	35.7219	50.0	580697.0	0.071444	Y
6	STD200 460-774371/12	2000.0	155.853269	50.0	614255.0	0.077927	Y
7	STD500 460-774371/8	5000.0	388.192568	50.0	604941.0	0.077639	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

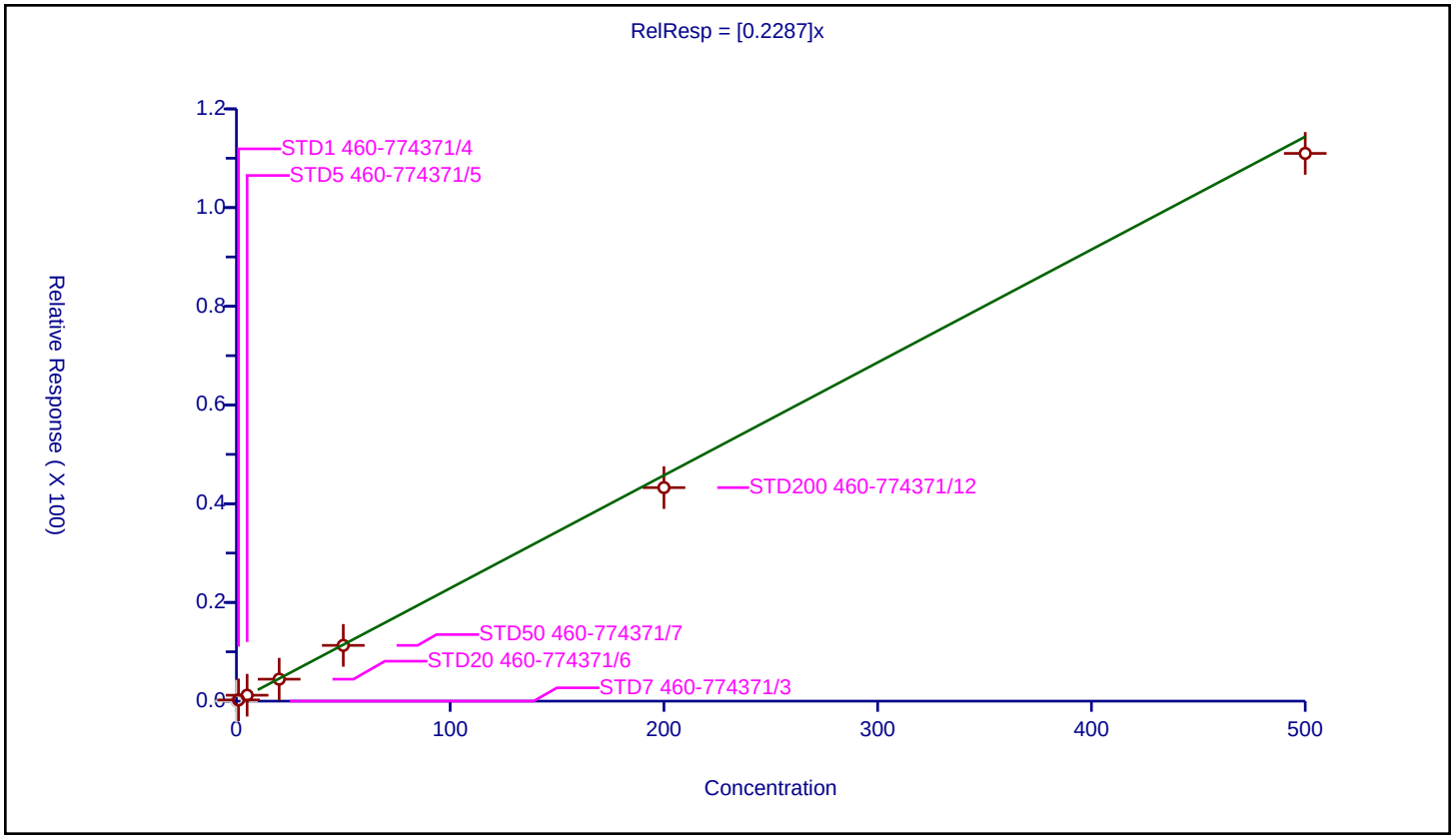
Curve Coefficients

Intercept:	0
Slope:	0.2287

Error Coefficients

Standard Error:	649000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.245704	50.0	598280.0	0.245704	Y
3	STD5 460-774371/5	5.0	1.199701	50.0	589397.0	0.23994	Y
4	STD20 460-774371/6	20.0	4.450148	50.0	580565.0	0.222507	Y
5	STD50 460-774371/7	50.0	11.297458	50.0	580697.0	0.225949	Y
6	STD200 460-774371/12	200.0	43.266152	50.0	614255.0	0.216331	Y
7	STD500 460-774371/8	500.0	110.982311	50.0	604941.0	0.221965	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

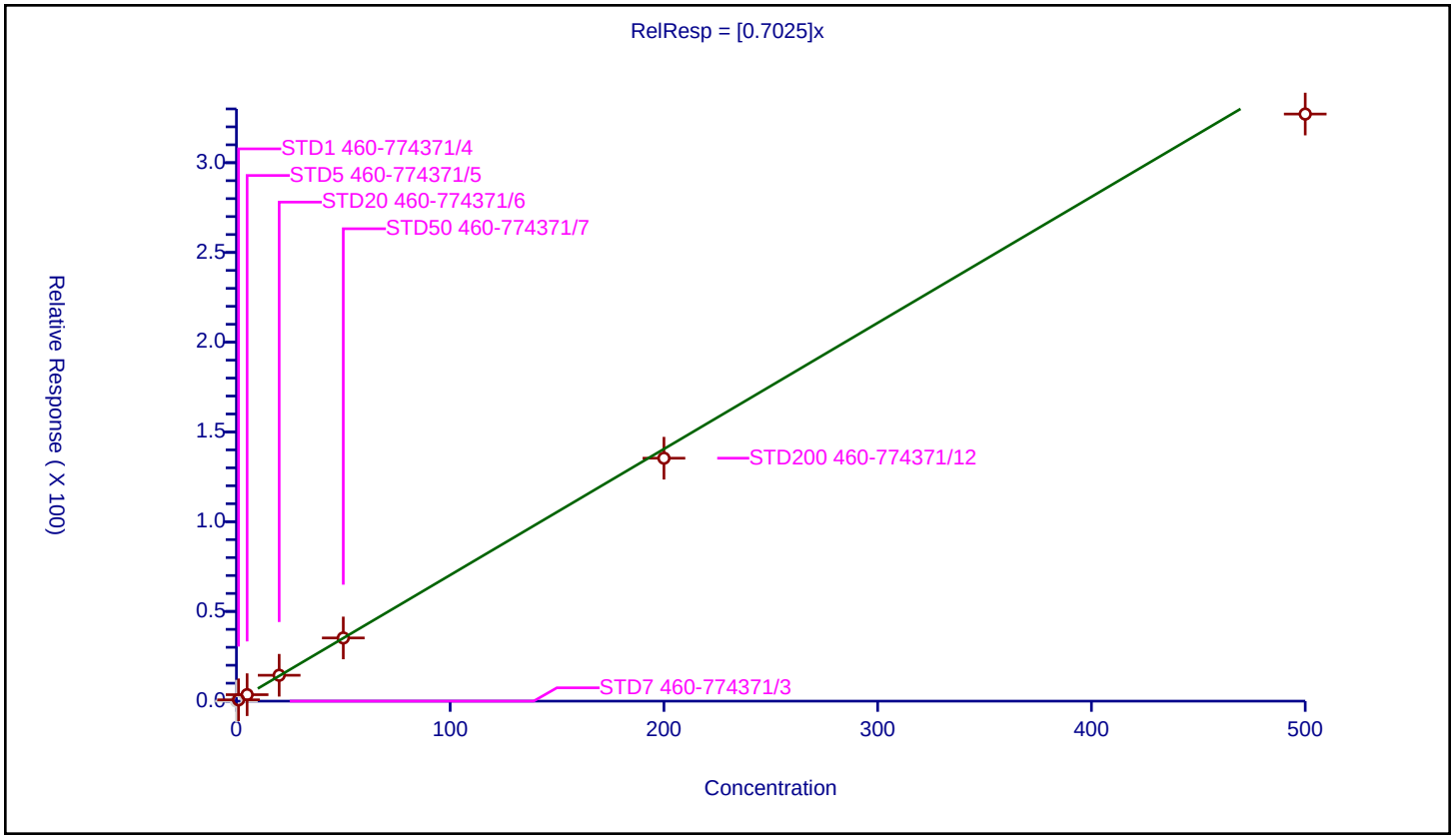
Curve Coefficients

Intercept:	0
Slope:	0.7025

Error Coefficients

Standard Error:	1930000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.737865	50.0	598280.0	0.737865	Y
3	STD5 460-774371/5	5.0	3.60504	50.0	589397.0	0.721008	Y
4	STD20 460-774371/6	20.0	14.419316	50.0	580565.0	0.720966	Y
5	STD50 460-774371/7	50.0	35.20416	50.0	580697.0	0.704083	Y
6	STD200 460-774371/12	200.0	135.367152	50.0	614255.0	0.676836	Y
7	STD500 460-774371/8	500.0	327.135291	50.0	604941.0	0.654271	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

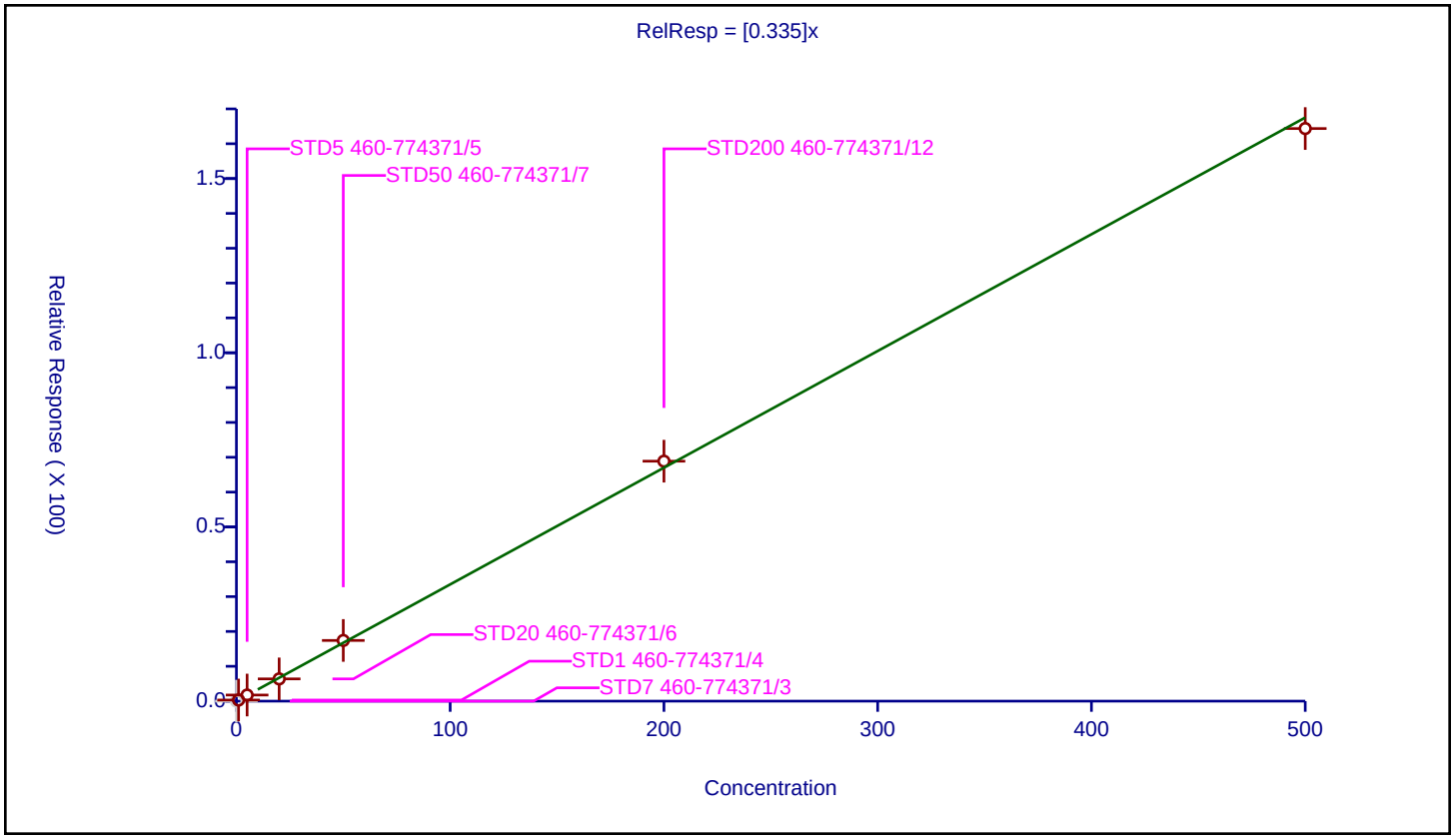
Curve Coefficients

Intercept:	0
Slope:	0.335

Error Coefficients

Standard Error:	971000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.318162	50.0	598280.0	0.318162	Y
3	STD5 460-774371/5	5.0	1.754844	50.0	589397.0	0.350969	Y
4	STD20 460-774371/6	20.0	6.390499	50.0	580565.0	0.319525	Y
5	STD50 460-774371/7	50.0	17.418206	50.0	580697.0	0.348364	Y
6	STD200 460-774371/12	200.0	68.875548	50.0	614255.0	0.344378	Y
7	STD500 460-774371/8	500.0	164.359252	50.0	604941.0	0.328719	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

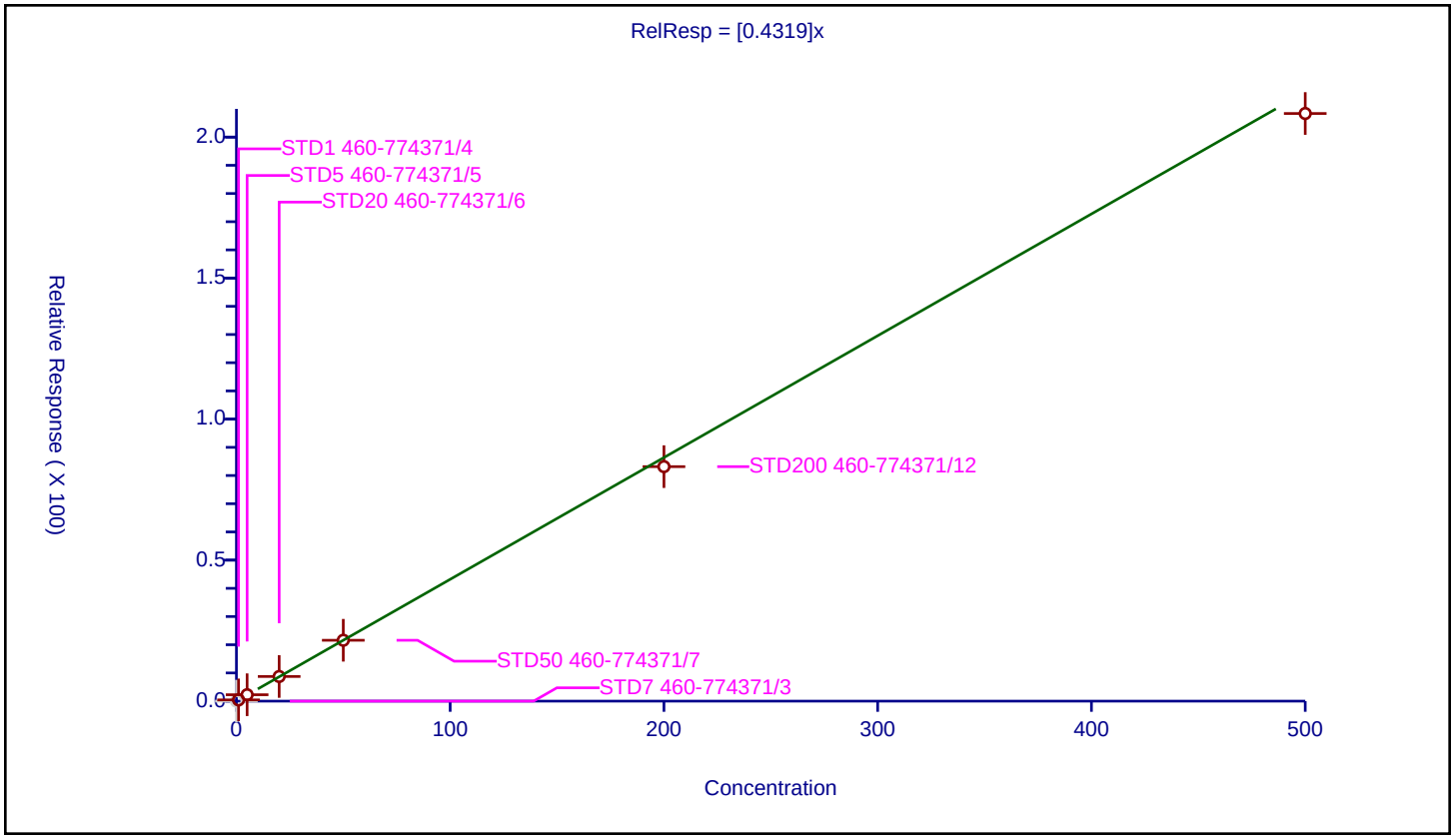
Curve Coefficients

Intercept:	0
Slope:	0.4319

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.436251	50.0	598280.0	0.436251	Y
3	STD5 460-774371/5	5.0	2.269777	50.0	589397.0	0.453955	Y
4	STD20 460-774371/6	20.0	8.736748	50.0	580565.0	0.436837	Y
5	STD50 460-774371/7	50.0	21.586214	50.0	580697.0	0.431724	Y
6	STD200 460-774371/12	200.0	83.152274	50.0	614255.0	0.415761	Y
7	STD500 460-774371/8	500.0	208.363791	50.0	604941.0	0.416728	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

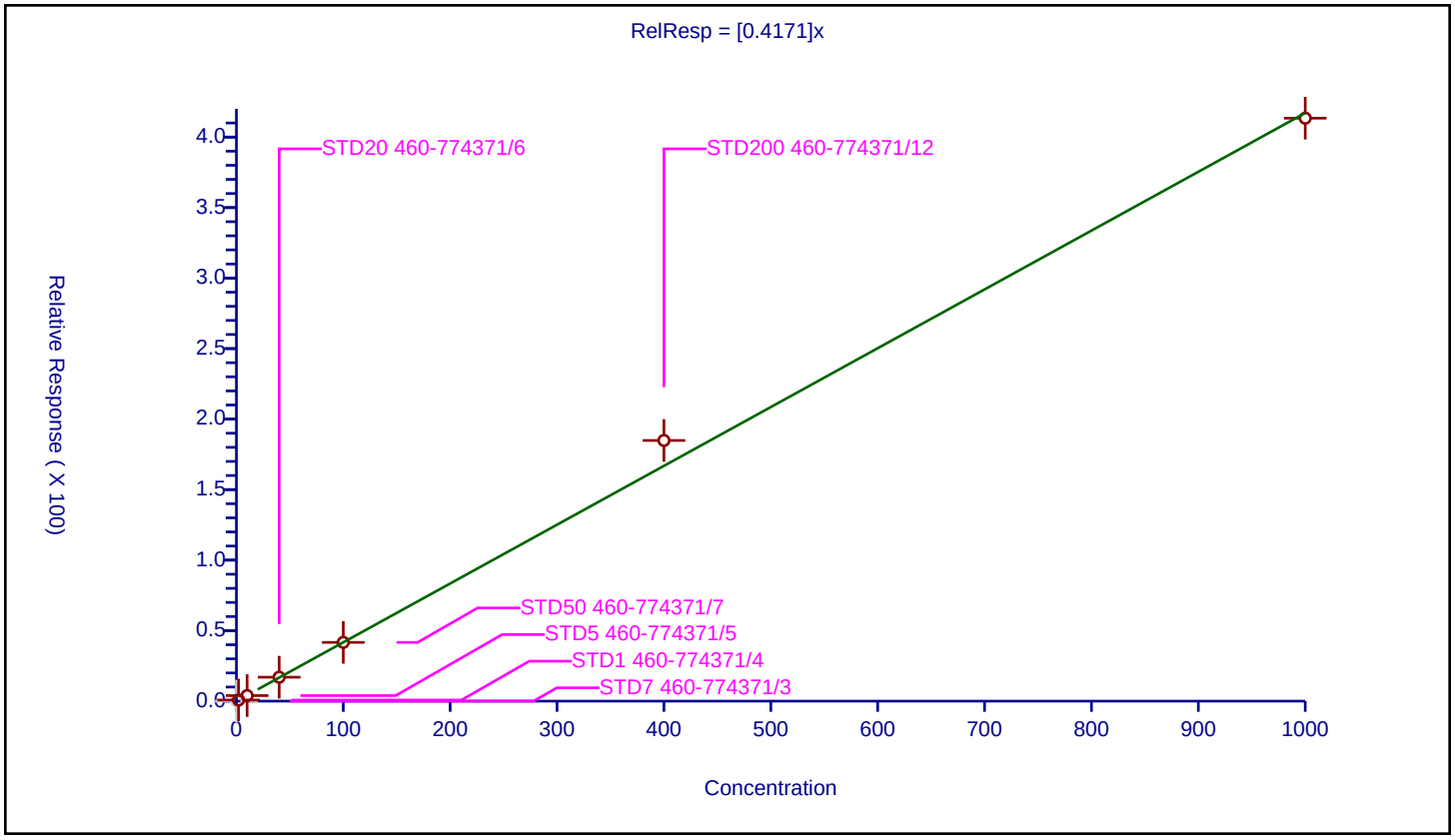
Curve Coefficients

Intercept:	0
Slope:	0.4171

Error Coefficients

Standard Error:	279000
Relative Standard Error:	6.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	250.0	344464.0	NaN	N
2	STD1 460-774371/4	2.0	0.786087	250.0	337113.0	0.393043	Y
3	STD5 460-774371/5	10.0	3.931105	250.0	333176.0	0.393111	Y
4	STD20 460-774371/6	40.0	16.965292	250.0	342346.0	0.424132	Y
5	STD50 460-774371/7	100.0	41.672335	250.0	338114.0	0.416723	Y
6	STD200 460-774371/12	400.0	184.869695	250.0	362458.0	0.462174	Y
7	STD500 460-774371/8	1000.0	413.401949	250.0	339182.0	0.413402	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

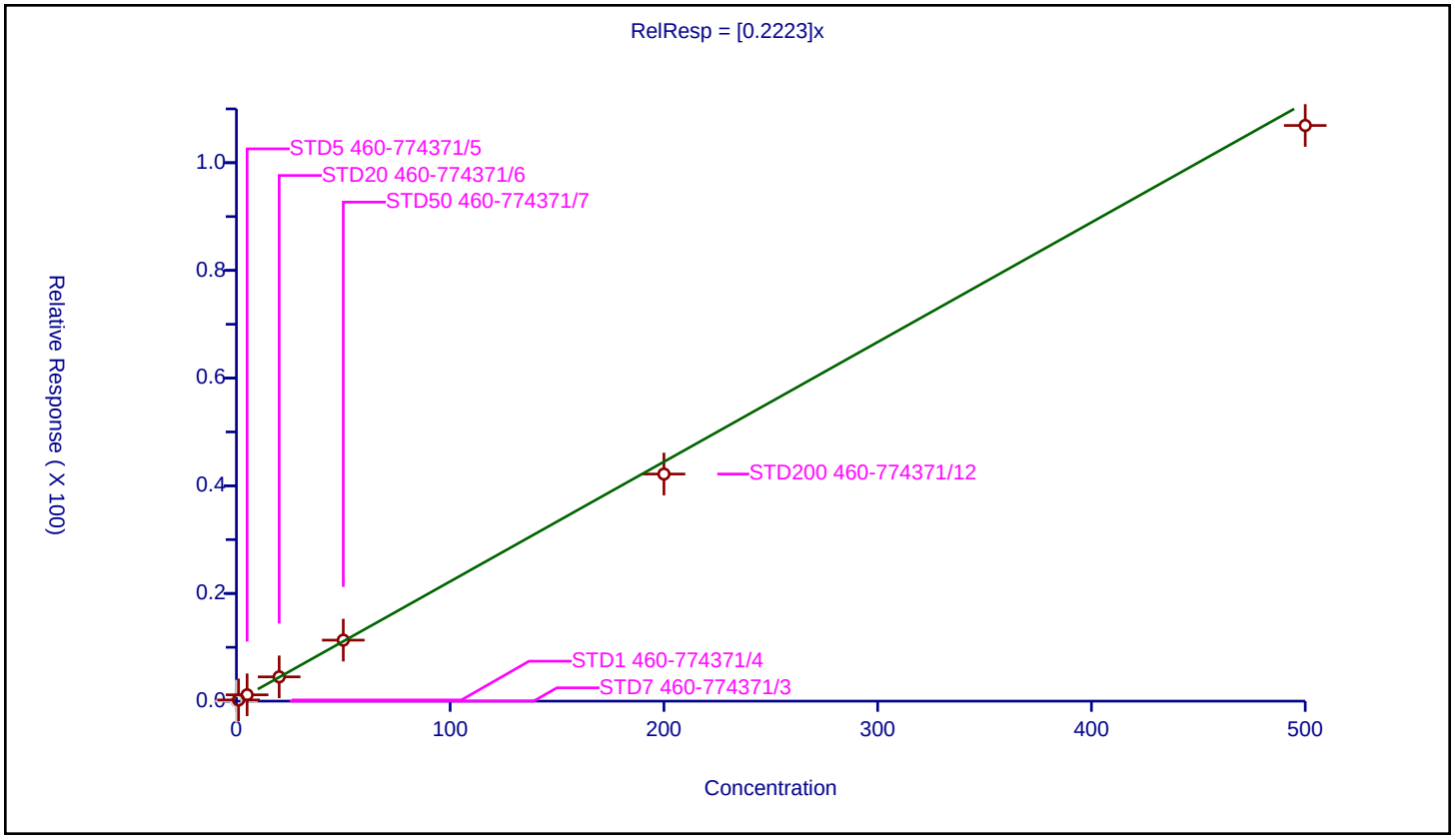
Curve Coefficients

Intercept:	0
Slope:	0.2223

Error Coefficients

Standard Error:	626000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.222137	50.0	598280.0	0.222137	Y
3	STD5 460-774371/5	5.0	1.175014	50.0	589397.0	0.235003	Y
4	STD20 460-774371/6	20.0	4.506731	50.0	580565.0	0.225337	Y
5	STD50 460-774371/7	50.0	11.329575	50.0	580697.0	0.226591	Y
6	STD200 460-774371/12	200.0	42.178574	50.0	614255.0	0.210893	Y
7	STD500 460-774371/8	500.0	106.91927	50.0	604941.0	0.213839	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

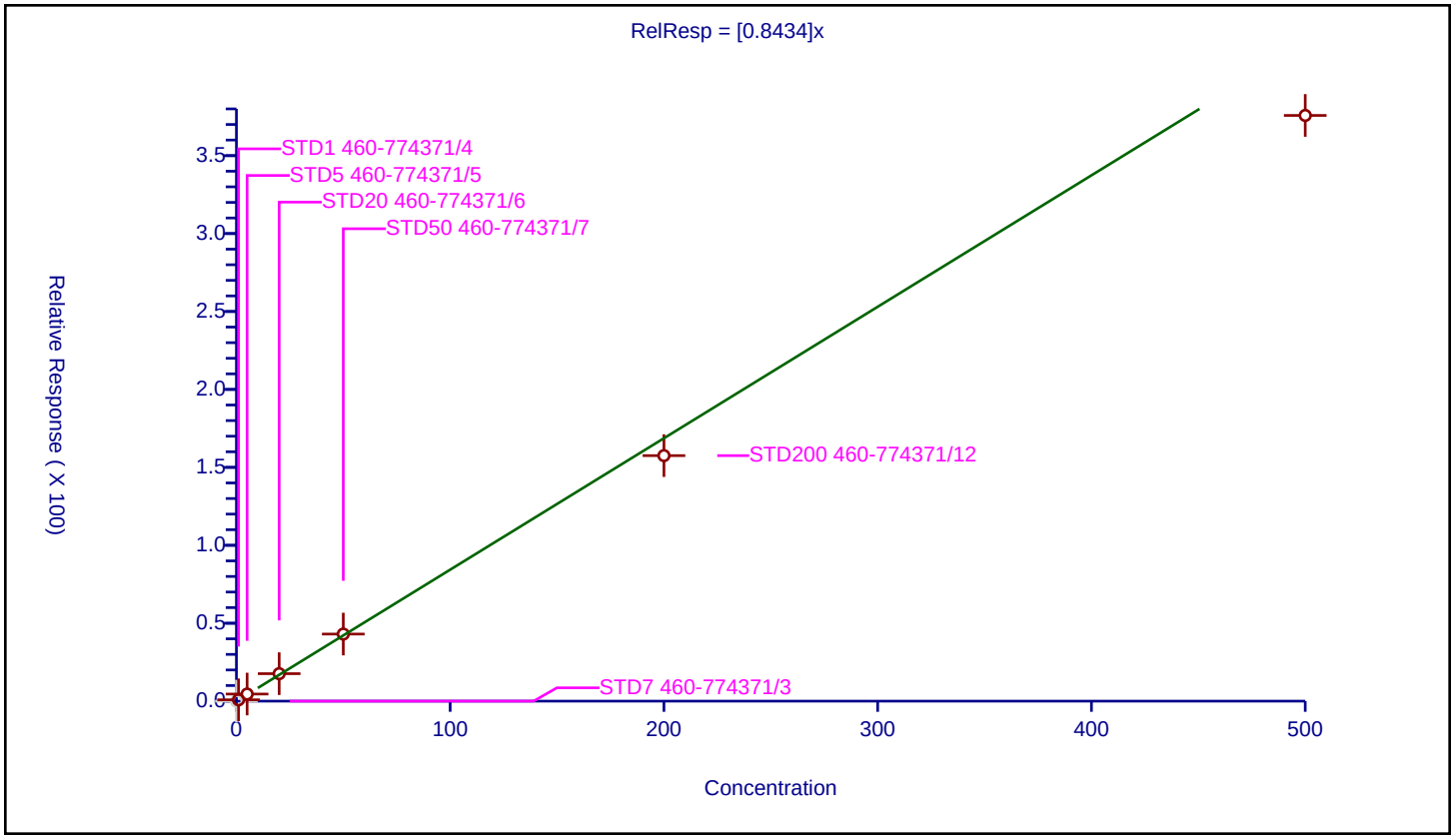
Curve Coefficients

Intercept:	0
Slope:	0.8434

Error Coefficients

Standard Error:	2220000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.867821	50.0	598280.0	0.867821	Y
3	STD5 460-774371/5	5.0	4.558812	50.0	589397.0	0.911762	Y
4	STD20 460-774371/6	20.0	17.61956	50.0	580565.0	0.880978	Y
5	STD50 460-774371/7	50.0	43.030358	50.0	580697.0	0.860607	Y
6	STD200 460-774371/12	200.0	157.529772	50.0	614255.0	0.787649	Y
7	STD500 460-774371/8	500.0	375.791689	50.0	604941.0	0.751583	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

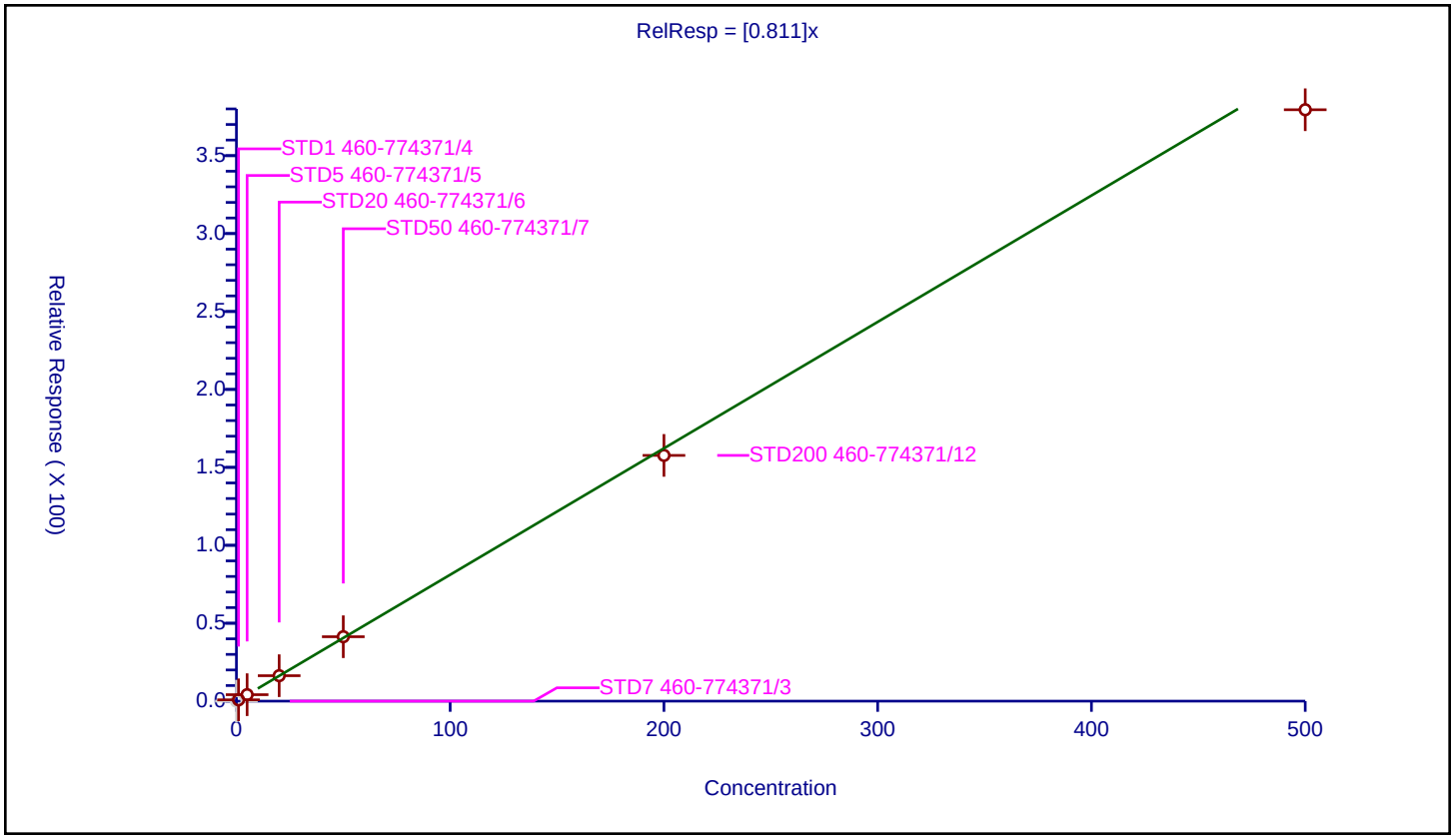
Curve Coefficients

Intercept:	0
Slope:	0.811

Error Coefficients

Standard Error:	2240000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.847847	50.0	598280.0	0.847847	Y
3	STD5 460-774371/5	5.0	4.138297	50.0	589397.0	0.827659	Y
4	STD20 460-774371/6	20.0	16.330643	50.0	580565.0	0.816532	Y
5	STD50 460-774371/7	50.0	41.337393	50.0	580697.0	0.826748	Y
6	STD200 460-774371/12	200.0	157.674826	50.0	614255.0	0.788374	Y
7	STD500 460-774371/8	500.0	379.457666	50.0	604941.0	0.758915	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

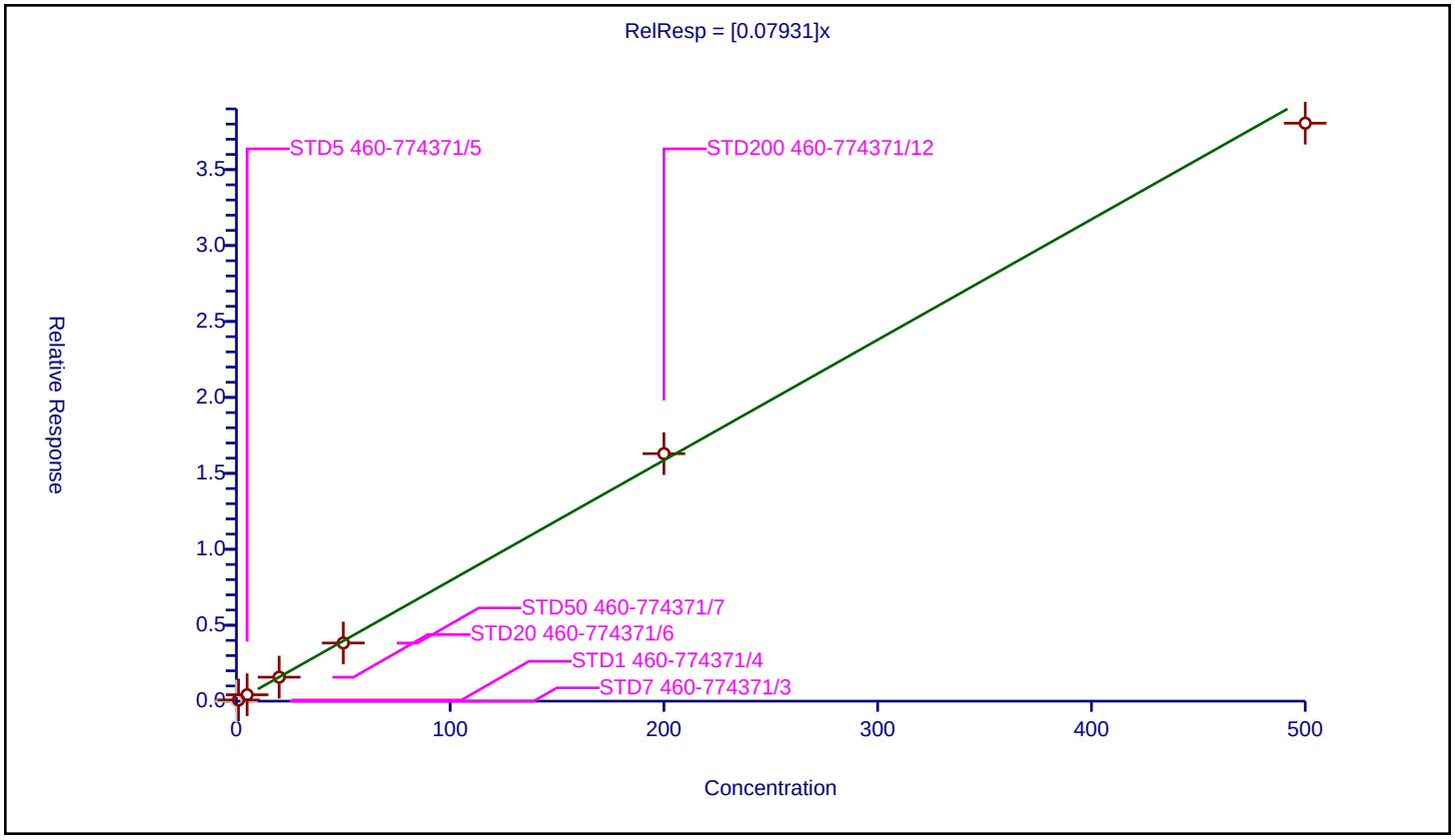
Curve Coefficients

Intercept:	0
Slope:	0.07931

Error Coefficients

Standard Error:	226000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.078308	50.0	598280.0	0.078308	Y
3	STD5 460-774371/5	5.0	0.421957	50.0	589397.0	0.084391	Y
4	STD20 460-774371/6	20.0	1.578807	50.0	580565.0	0.07894	Y
5	STD50 460-774371/7	50.0	3.831602	50.0	580697.0	0.076632	Y
6	STD200 460-774371/12	200.0	16.298361	50.0	614255.0	0.081492	Y
7	STD500 460-774371/8	500.0	38.055943	50.0	604941.0	0.076112	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

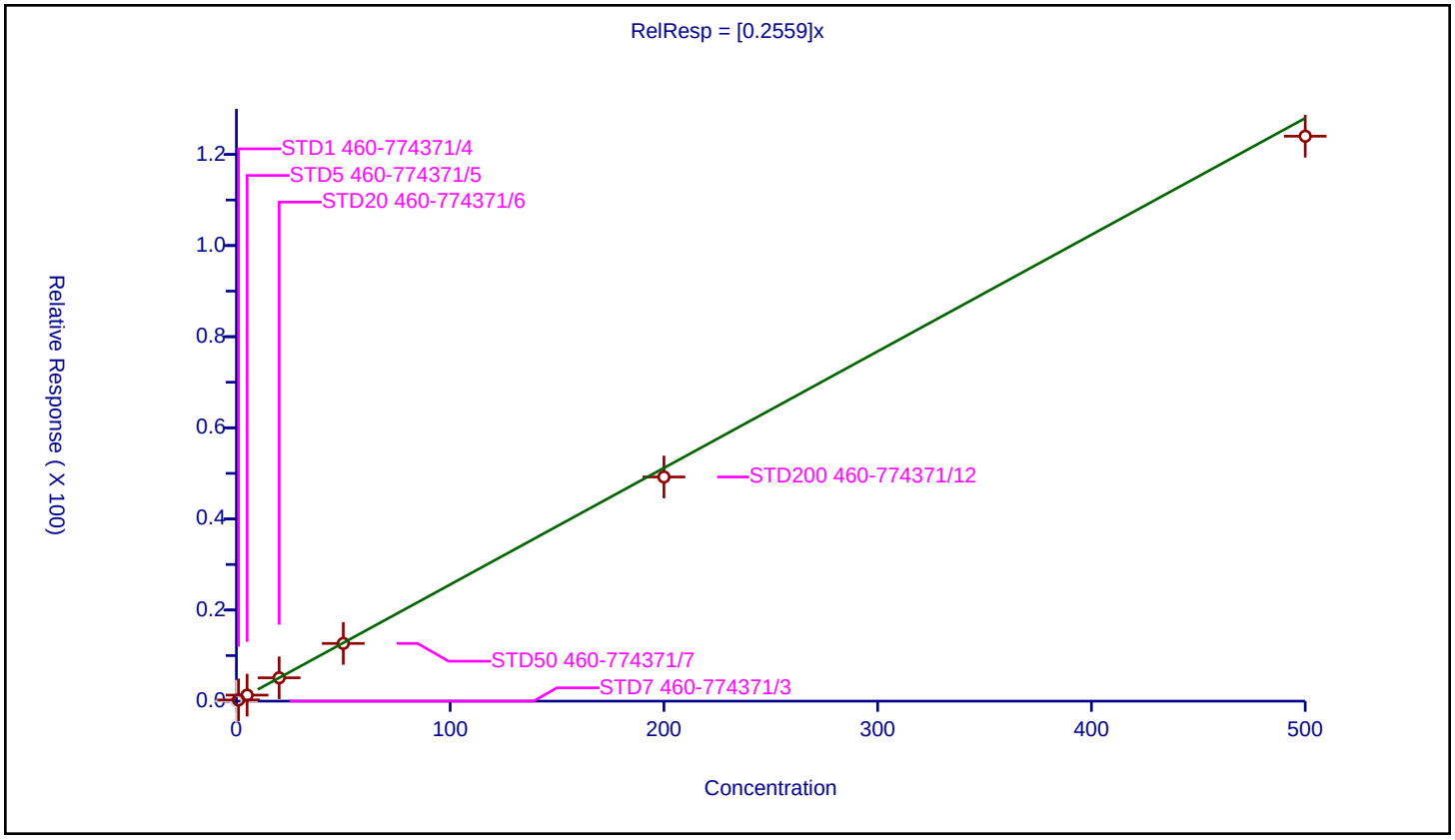
Curve Coefficients

Intercept:	0
Slope:	0.2559

Error Coefficients

Standard Error:	727000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.266681	50.0	598280.0	0.266681	Y
3	STD5 460-774371/5	5.0	1.326525	50.0	589397.0	0.265305	Y
4	STD20 460-774371/6	20.0	5.123888	50.0	580565.0	0.256194	Y
5	STD50 460-774371/7	50.0	12.665555	50.0	580697.0	0.253311	Y
6	STD200 460-774371/12	200.0	49.205704	50.0	614255.0	0.246029	Y
7	STD500 460-774371/8	500.0	123.999944	50.0	604941.0	0.248	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

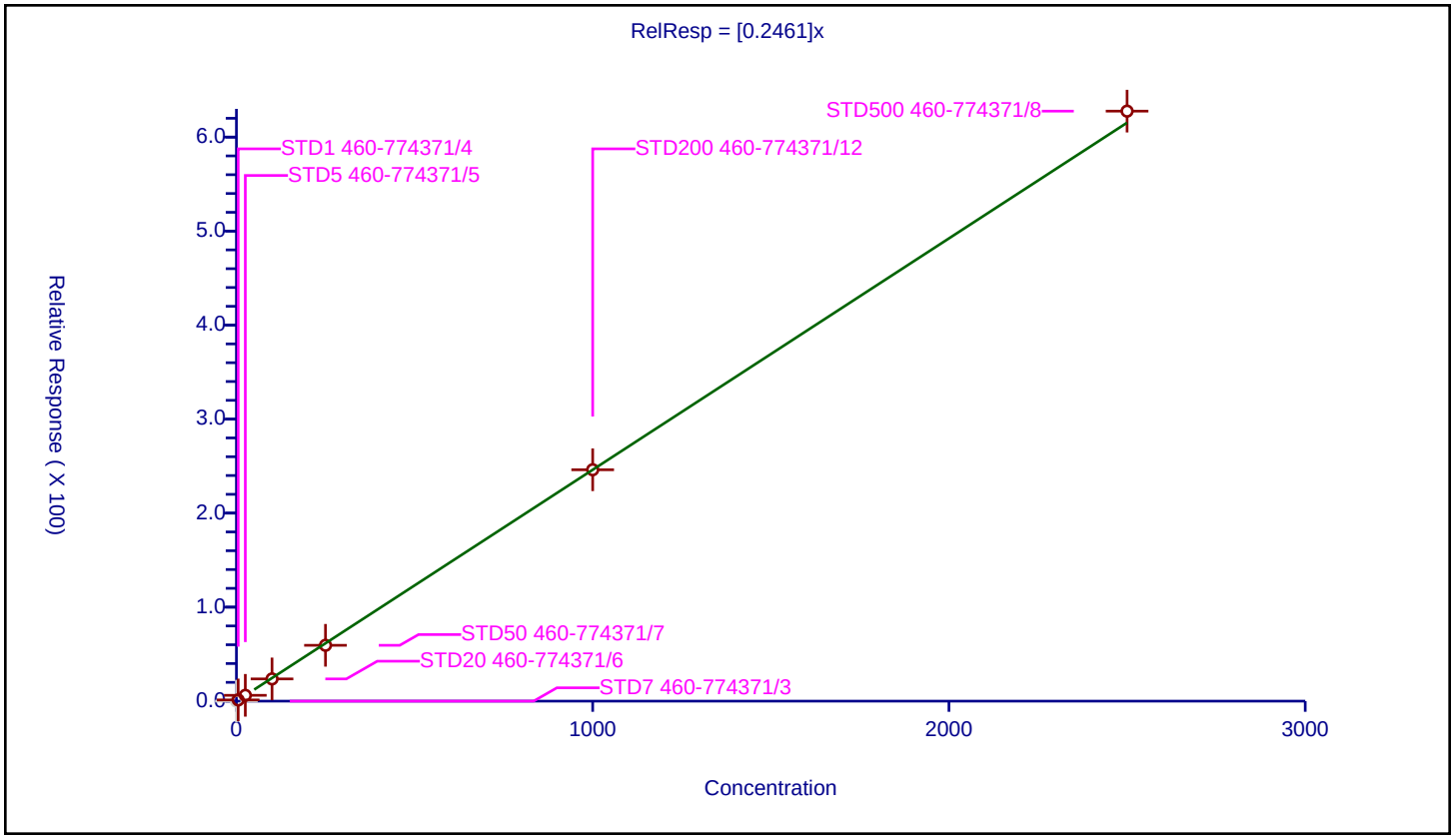
Curve Coefficients

Intercept:	0
Slope:	0.2461

Error Coefficients

Standard Error:	414000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	250.0	344464.0	NaN	N
2	STD1 460-774371/4	5.0	1.288144	250.0	337113.0	0.257629	Y
3	STD5 460-774371/5	25.0	6.193423	250.0	333176.0	0.247737	Y
4	STD20 460-774371/6	100.0	23.655162	250.0	342346.0	0.236552	Y
5	STD50 460-774371/7	250.0	59.401563	250.0	338114.0	0.237606	Y
6	STD200 460-774371/12	1000.0	246.132655	250.0	362458.0	0.246133	Y
7	STD500 460-774371/8	2500.0	627.623223	250.0	339182.0	0.251049	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

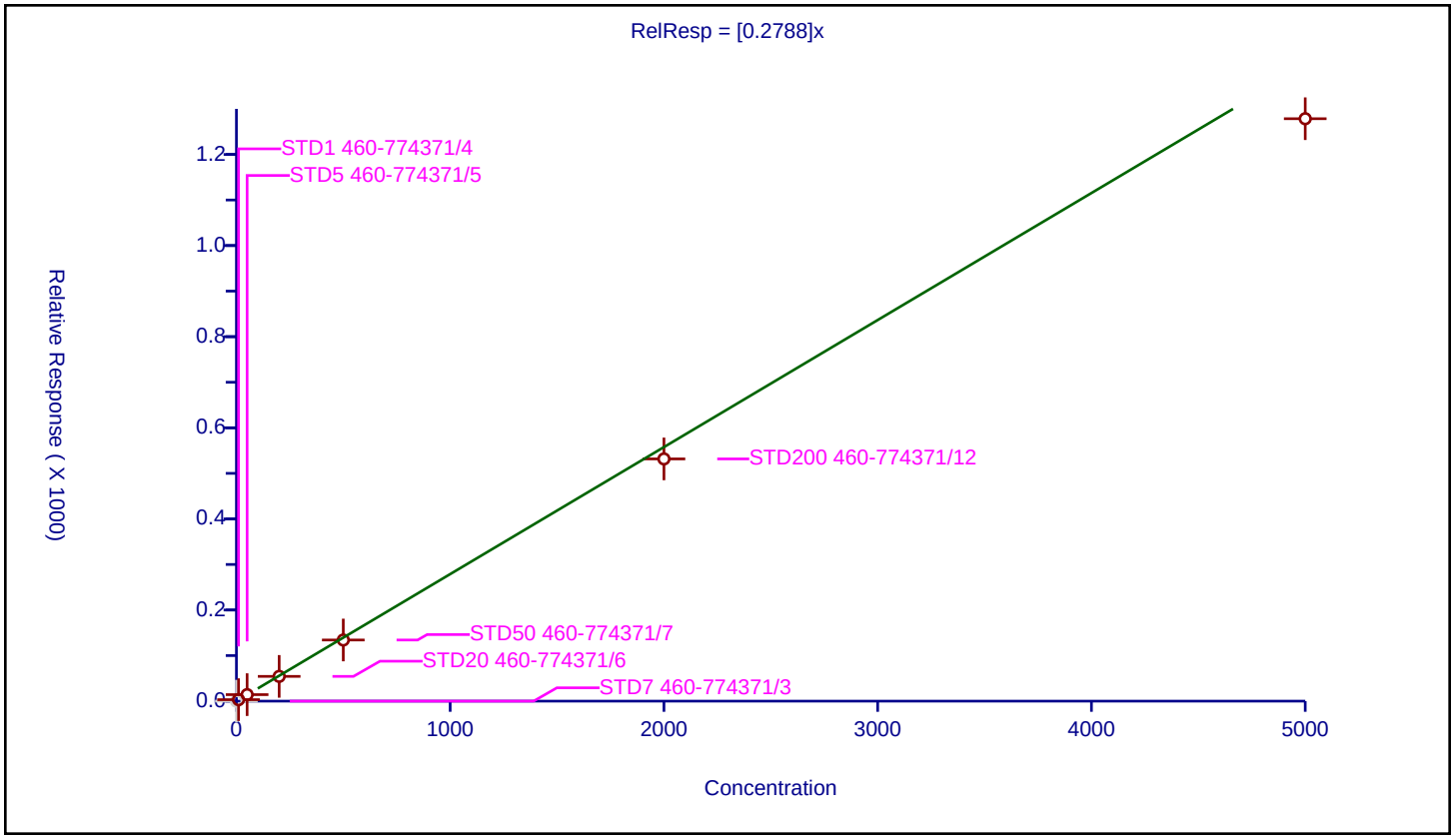
Curve Coefficients

Intercept:	0
Slope:	0.2788

Error Coefficients

Standard Error:	171000
Relative Standard Error:	9.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	1000.0	253286.0	NaN	N
2	STD1 460-774371/4	10.0	3.258999	1000.0	234121.0	0.3259	Y
3	STD5 460-774371/5	50.0	14.267797	1000.0	237598.0	0.285356	Y
4	STD20 460-774371/6	200.0	54.366045	1000.0	248188.0	0.27183	Y
5	STD50 460-774371/7	500.0	134.19025	1000.0	248021.0	0.268381	Y
6	STD200 460-774371/12	2000.0	531.657681	1000.0	278021.0	0.265829	Y
7	STD500 460-774371/8	5000.0	1278.416802	1000.0	275594.0	0.255683	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

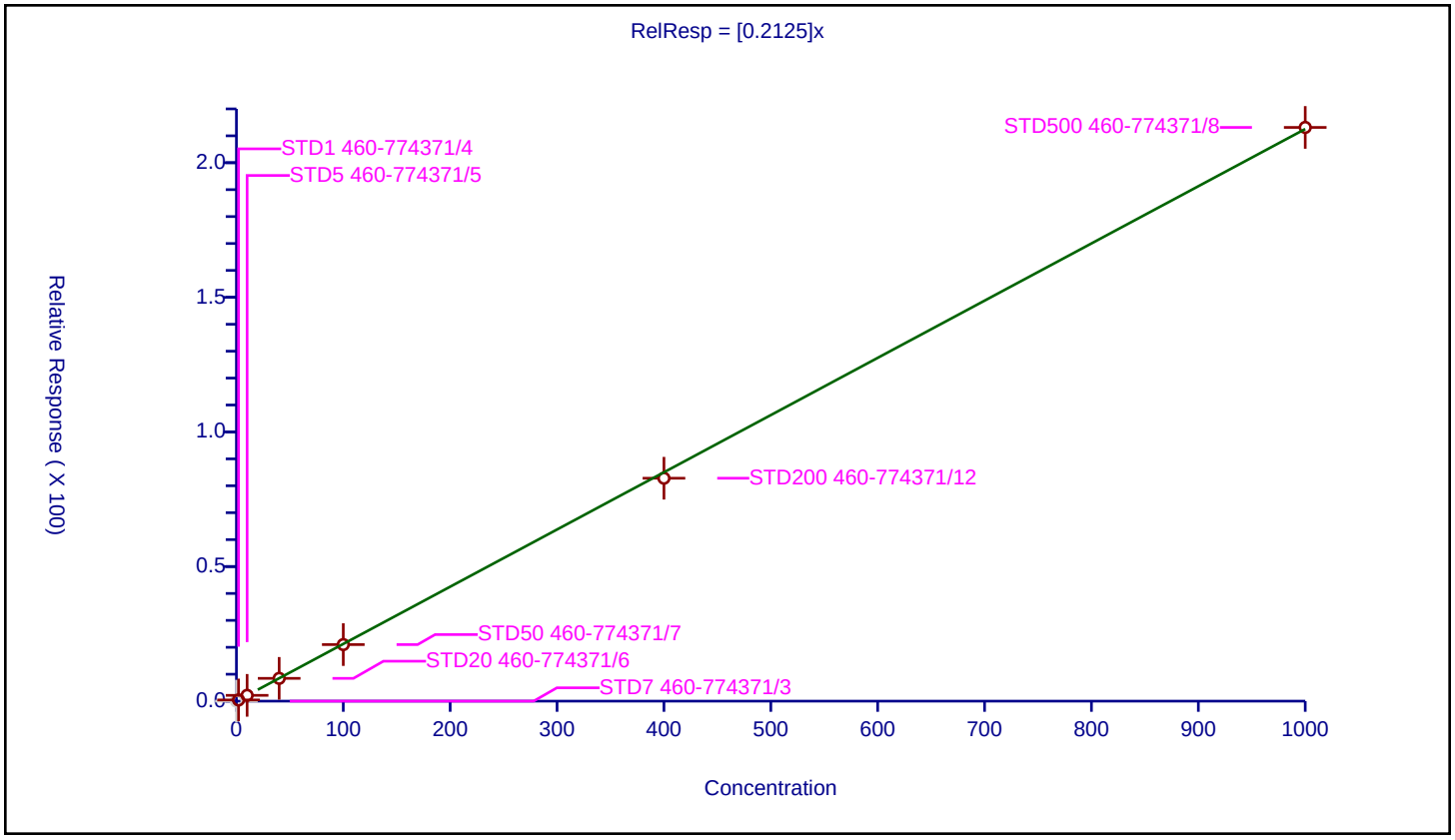
Curve Coefficients

Intercept:	0
Slope:	0.2125

Error Coefficients

Standard Error:	141000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	250.0	344464.0	NaN	N
2	STD1 460-774371/4	2.0	0.436797	250.0	337113.0	0.218399	Y
3	STD5 460-774371/5	10.0	2.149014	250.0	333176.0	0.214901	Y
4	STD20 460-774371/6	40.0	8.46439	250.0	342346.0	0.21161	Y
5	STD50 460-774371/7	100.0	21.009186	250.0	338114.0	0.210092	Y
6	STD200 460-774371/12	400.0	82.806146	250.0	362458.0	0.207015	Y
7	STD500 460-774371/8	1000.0	213.113461	250.0	339182.0	0.213113	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

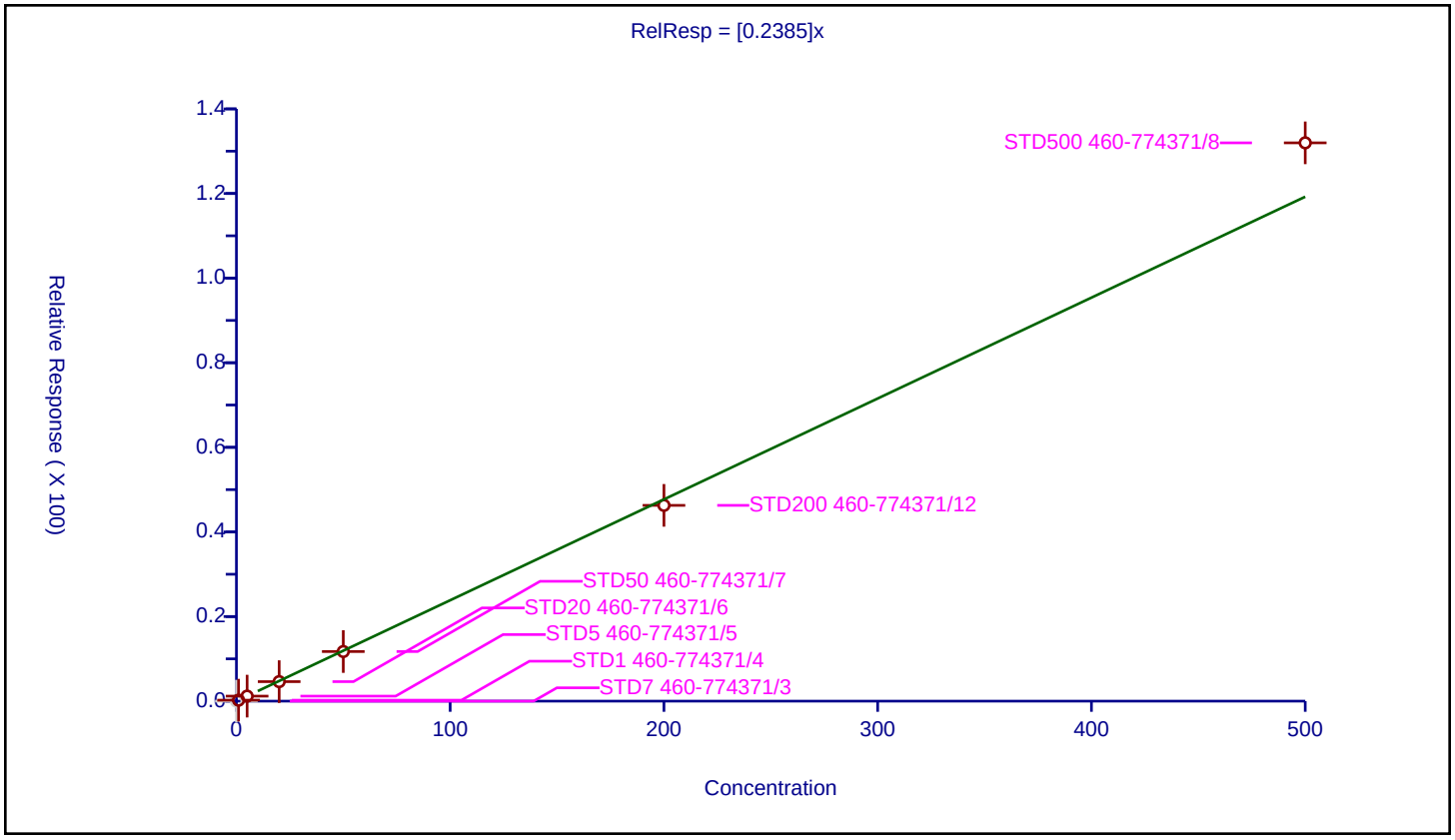
Curve Coefficients

Intercept:	0
Slope:	0.2385

Error Coefficients

Standard Error:	761000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.2325	50.0	598280.0	0.2325	Y
3	STD5 460-774371/5	5.0	1.188333	50.0	589397.0	0.237667	Y
4	STD20 460-774371/6	20.0	4.613954	50.0	580565.0	0.230698	Y
5	STD50 460-774371/7	50.0	11.727889	50.0	580697.0	0.234558	Y
6	STD200 460-774371/12	200.0	46.281268	50.0	614255.0	0.231406	Y
7	STD500 460-774371/8	500.0	131.975515	50.0	604941.0	0.263951	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

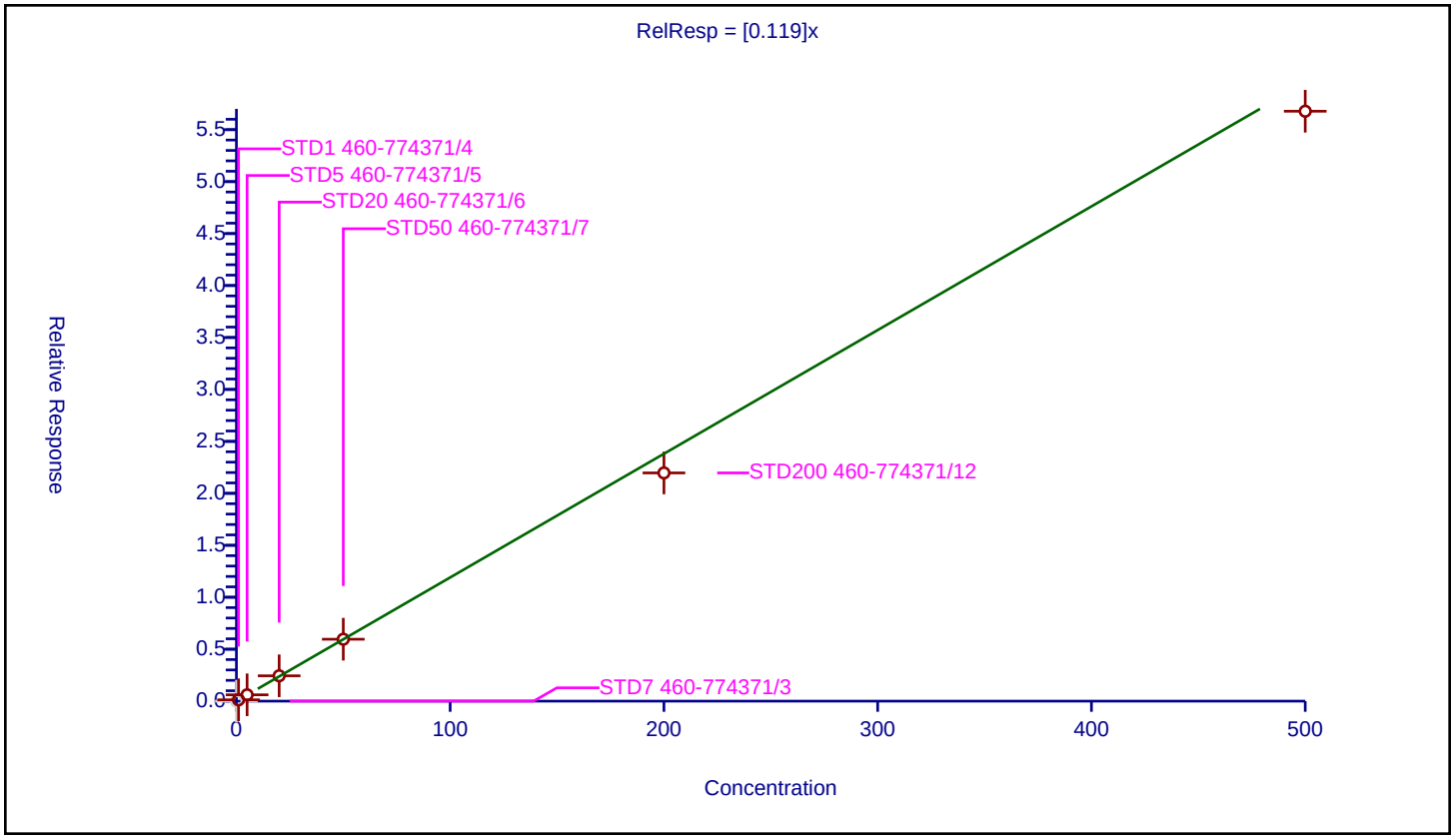
Curve Coefficients

Intercept:	0
Slope:	0.119

Error Coefficients

Standard Error:	332000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.127867	50.0	598280.0	0.127867	Y
3	STD5 460-774371/5	5.0	0.609012	50.0	589397.0	0.121802	Y
4	STD20 460-774371/6	20.0	2.440123	50.0	580565.0	0.122006	Y
5	STD50 460-774371/7	50.0	5.959648	50.0	580697.0	0.119193	Y
6	STD200 460-774371/12	200.0	21.964982	50.0	614255.0	0.109825	Y
7	STD500 460-774371/8	500.0	56.774793	50.0	604941.0	0.11355	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

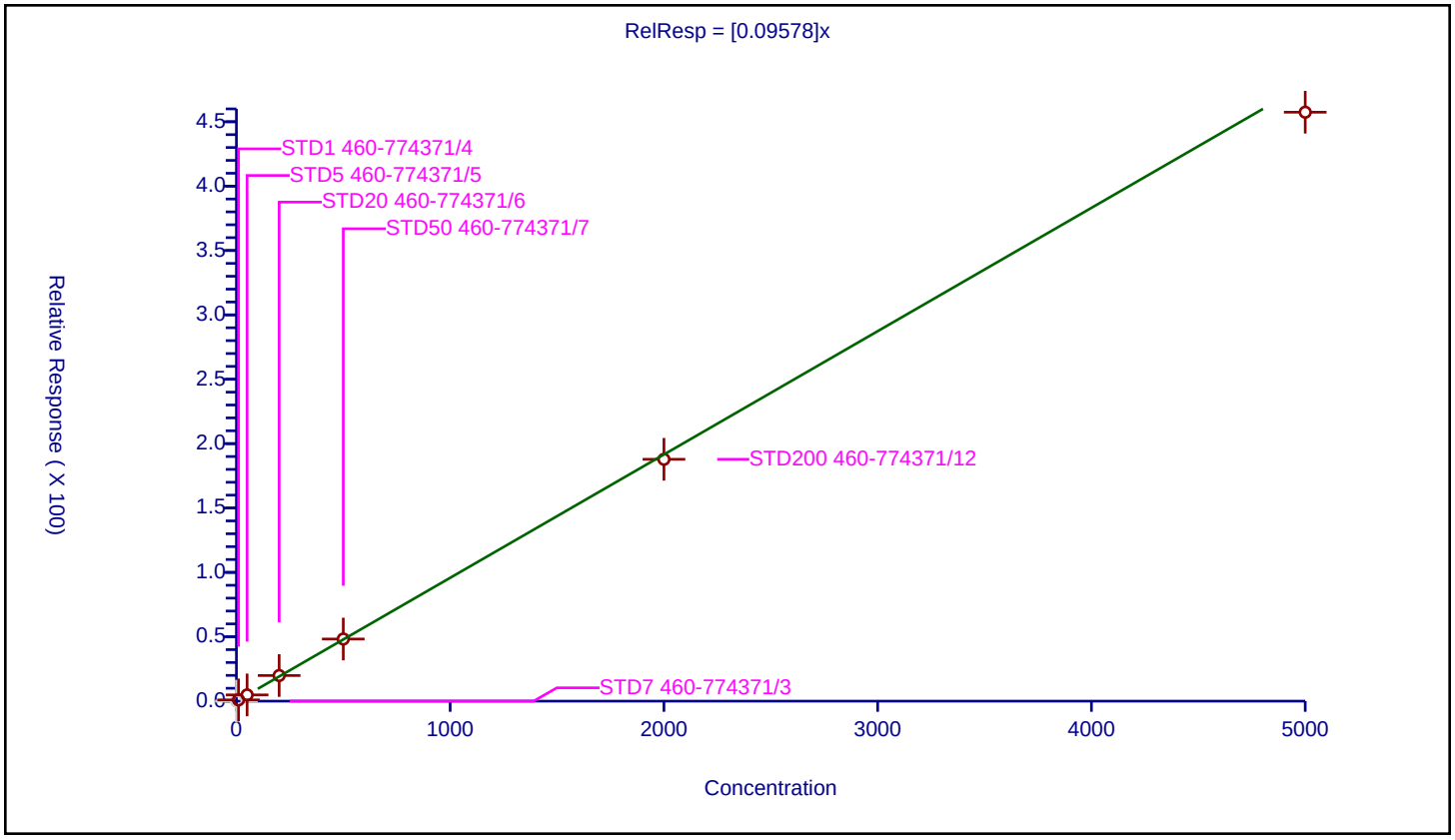
Curve Coefficients

Intercept:	0
Slope:	0.09578

Error Coefficients

Standard Error:	2700000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	10.0	0.963178	50.0	598280.0	0.096318	Y
3	STD5 460-774371/5	50.0	4.849448	50.0	589397.0	0.096989	Y
4	STD20 460-774371/6	200.0	19.894672	50.0	580565.0	0.099473	Y
5	STD50 460-774371/7	500.0	48.2552	50.0	580697.0	0.09651	Y
6	STD200 460-774371/12	2000.0	187.842346	50.0	614255.0	0.093921	Y
7	STD500 460-774371/8	5000.0	457.406259	50.0	604941.0	0.091481	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

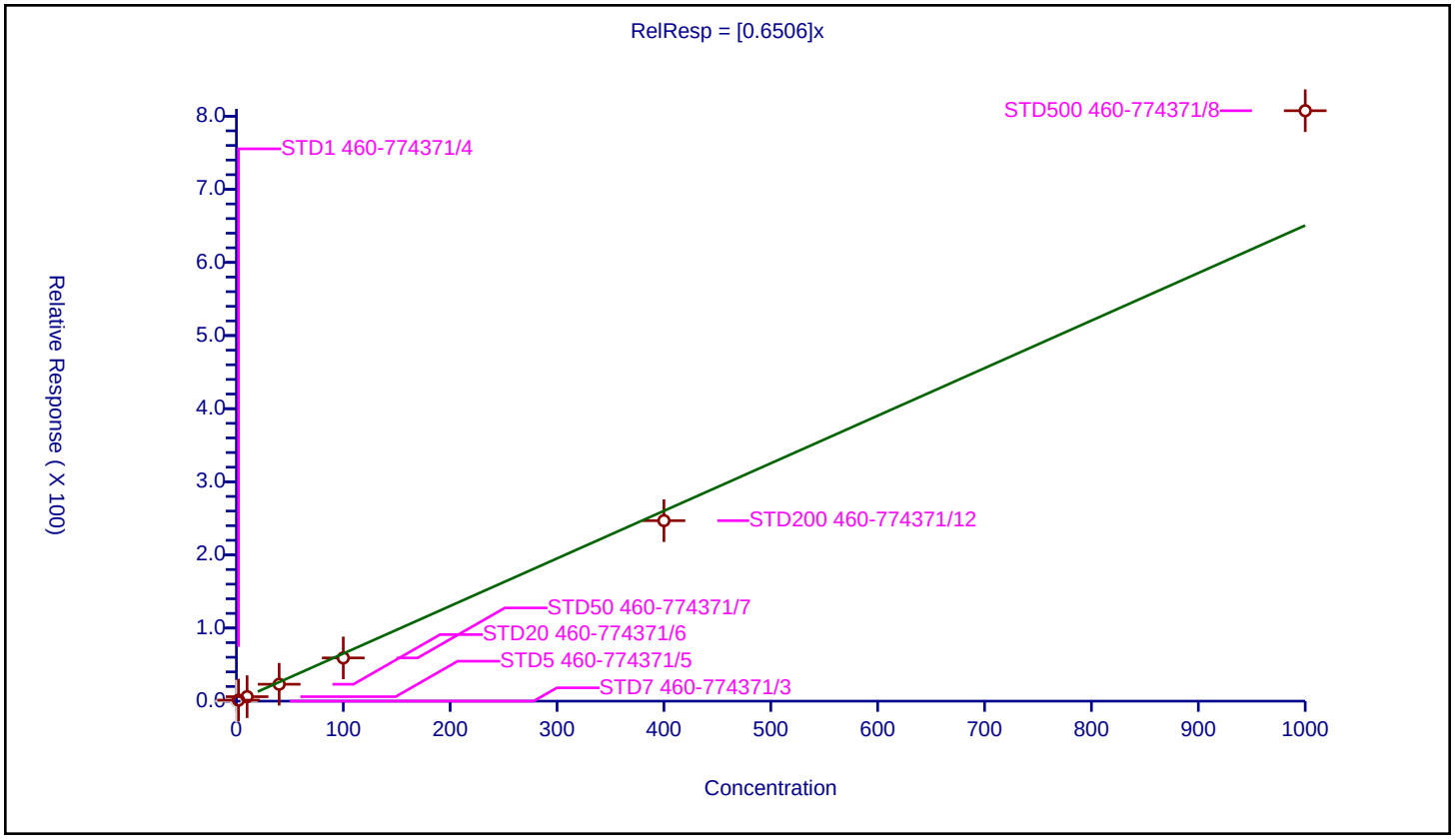
Curve Coefficients

Intercept:	0
Slope:	0.6506

Error Coefficients

Standard Error:	517000
Relative Standard Error:	13.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	250.0	344464.0	NaN	N
2	STD1 460-774371/4	2.0	1.400124	250.0	337113.0	0.700062	Y
3	STD5 460-774371/5	10.0	6.100379	250.0	333176.0	0.610038	Y
4	STD20 460-774371/6	40.0	23.120615	250.0	342346.0	0.578015	Y
5	STD50 460-774371/7	100.0	59.08732	250.0	338114.0	0.590873	Y
6	STD200 460-774371/12	400.0	246.841013	250.0	362458.0	0.617103	Y
7	STD500 460-774371/8	1000.0	807.498629	250.0	339182.0	0.807499	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

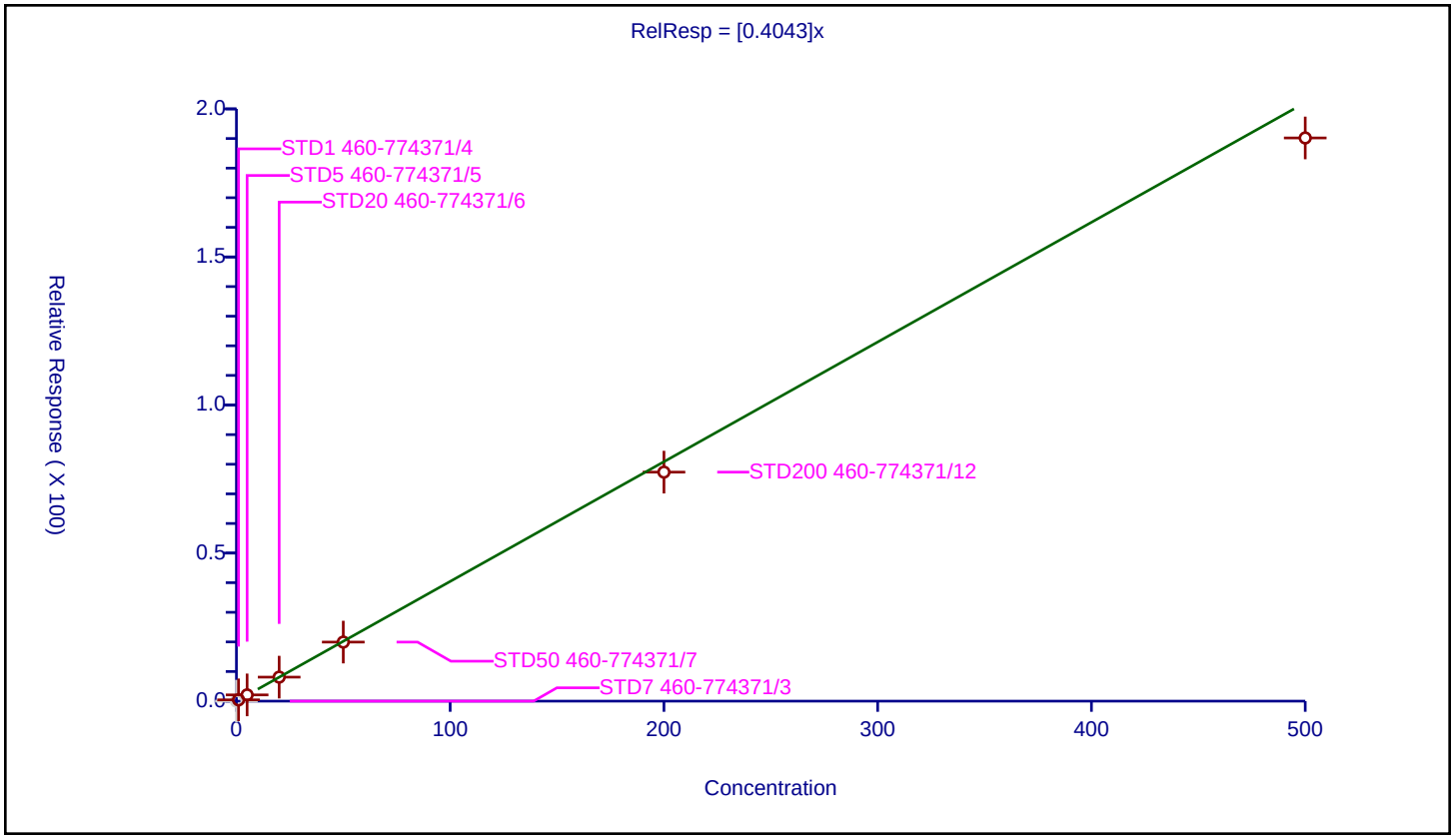
Curve Coefficients

Intercept:	0
Slope:	0.4043

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.431905	50.0	598280.0	0.431905	Y
3	STD5 460-774371/5	5.0	2.110971	50.0	589397.0	0.422194	Y
4	STD20 460-774371/6	20.0	8.109256	50.0	580565.0	0.405463	Y
5	STD50 460-774371/7	50.0	19.944136	50.0	580697.0	0.398883	Y
6	STD200 460-774371/12	200.0	77.337913	50.0	614255.0	0.38669	Y
7	STD500 460-774371/8	500.0	190.188547	50.0	604941.0	0.380377	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

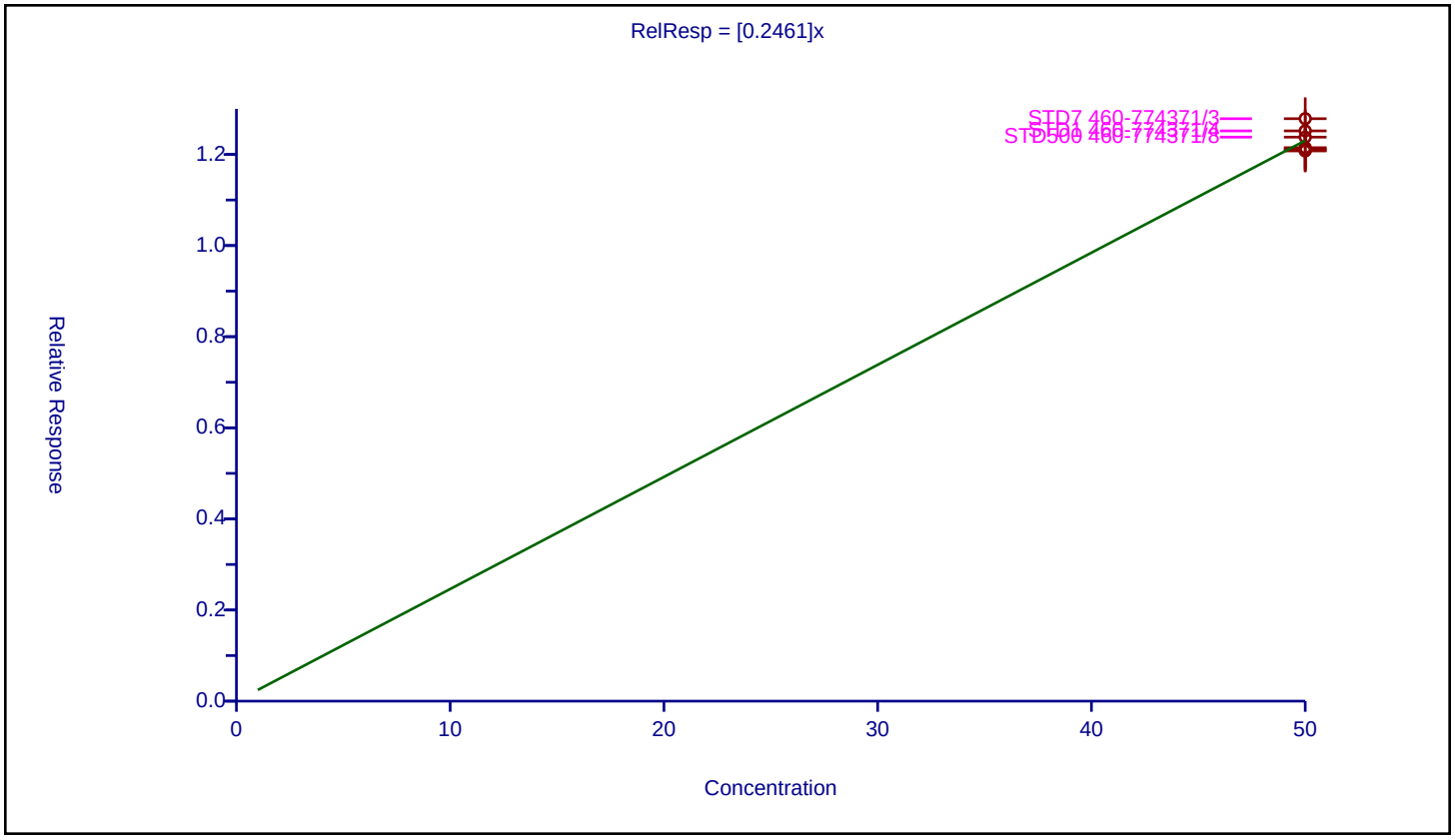
Curve Coefficients

Intercept:	0
Slope:	0.2461

Error Coefficients

Standard Error:	158000
Relative Standard Error:	2.2
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	50.0	12.785051	50.0	596603.0	0.255701	Y
2	STD1 460-774371/4	50.0	12.516882	50.0	598280.0	0.250338	Y
3	STD5 460-774371/5	50.0	12.126207	50.0	589397.0	0.242524	Y
4	STD20 460-774371/6	50.0	12.092531	50.0	580565.0	0.241851	Y
5	STD50 460-774371/7	50.0	12.077297	50.0	580697.0	0.241546	Y
6	STD500 460-774371/8	50.0	12.380298	50.0	604941.0	0.247606	Y
7	STD200 460-774371/12	50.0	12.148375	50.0	614255.0	0.242967	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

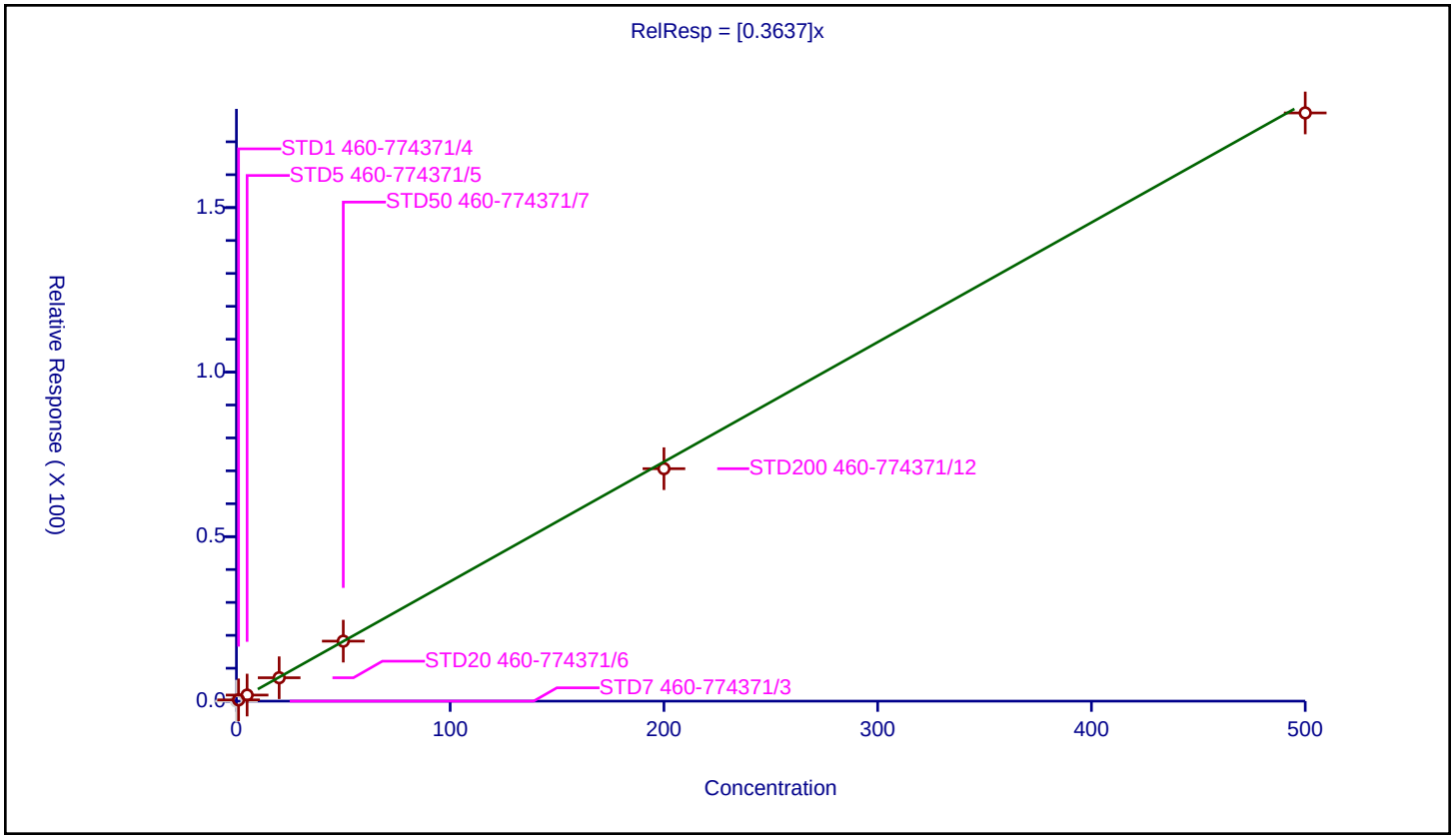
Curve Coefficients

Intercept:	0
Slope:	0.3637

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.381009	50.0	598280.0	0.381009	Y
3	STD5 460-774371/5	5.0	1.849857	50.0	589397.0	0.369971	Y
4	STD20 460-774371/6	20.0	7.111865	50.0	580565.0	0.355593	Y
5	STD50 460-774371/7	50.0	18.235586	50.0	580697.0	0.364712	Y
6	STD200 460-774371/12	200.0	70.648021	50.0	614255.0	0.35324	Y
7	STD500 460-774371/8	500.0	178.773054	50.0	604941.0	0.357546	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

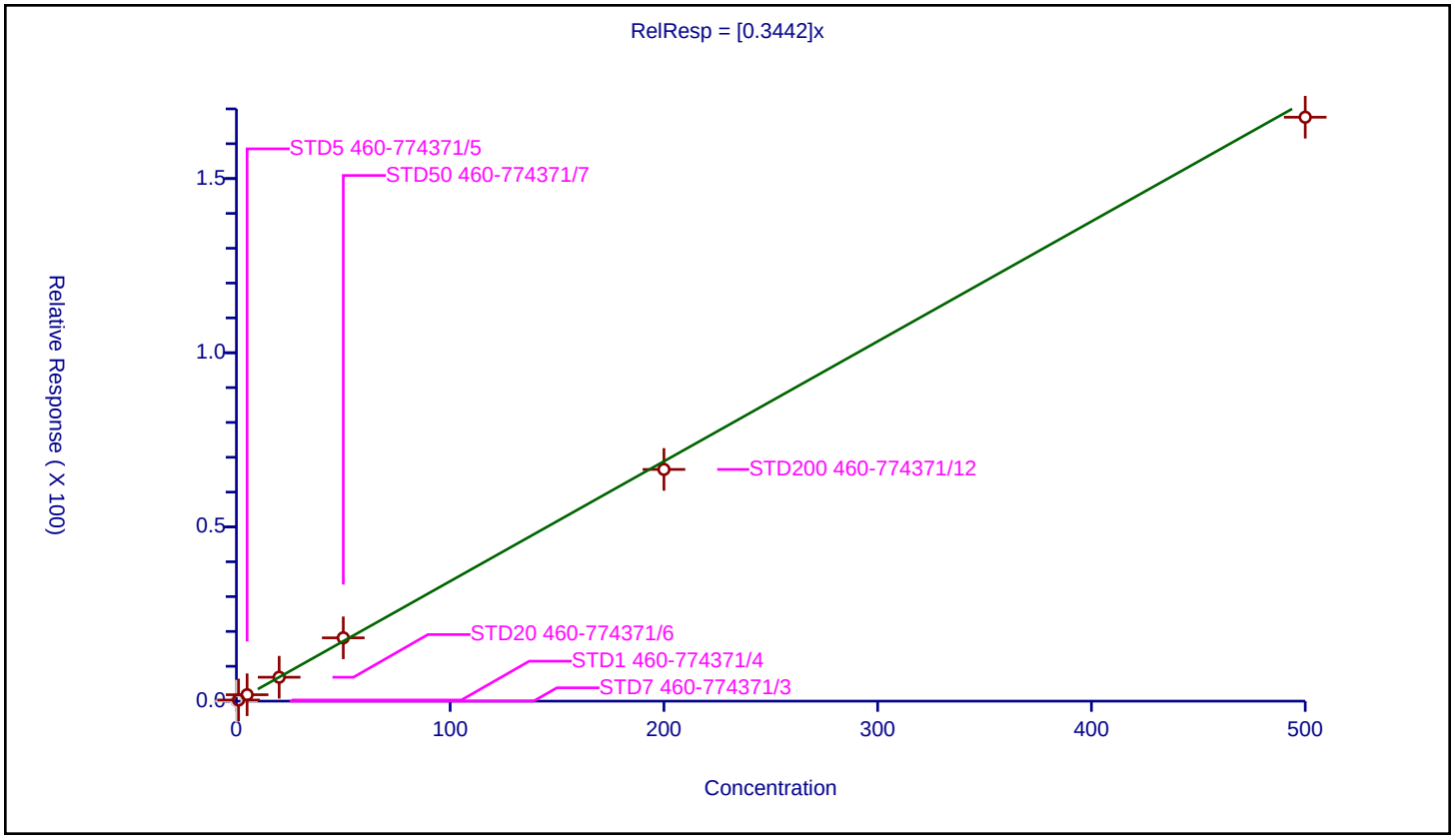
Curve Coefficients

Intercept:	0
Slope:	0.3442

Error Coefficients

Standard Error:	983000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.322508	50.0	598280.0	0.322508	Y
3	STD5 460-774371/5	5.0	1.841798	50.0	589397.0	0.36836	Y
4	STD20 460-774371/6	20.0	6.865123	50.0	580565.0	0.343256	Y
5	STD50 460-774371/7	50.0	18.169889	50.0	580697.0	0.363398	Y
6	STD200 460-774371/12	200.0	66.507802	50.0	614255.0	0.332539	Y
7	STD500 460-774371/8	500.0	167.606676	50.0	604941.0	0.335213	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

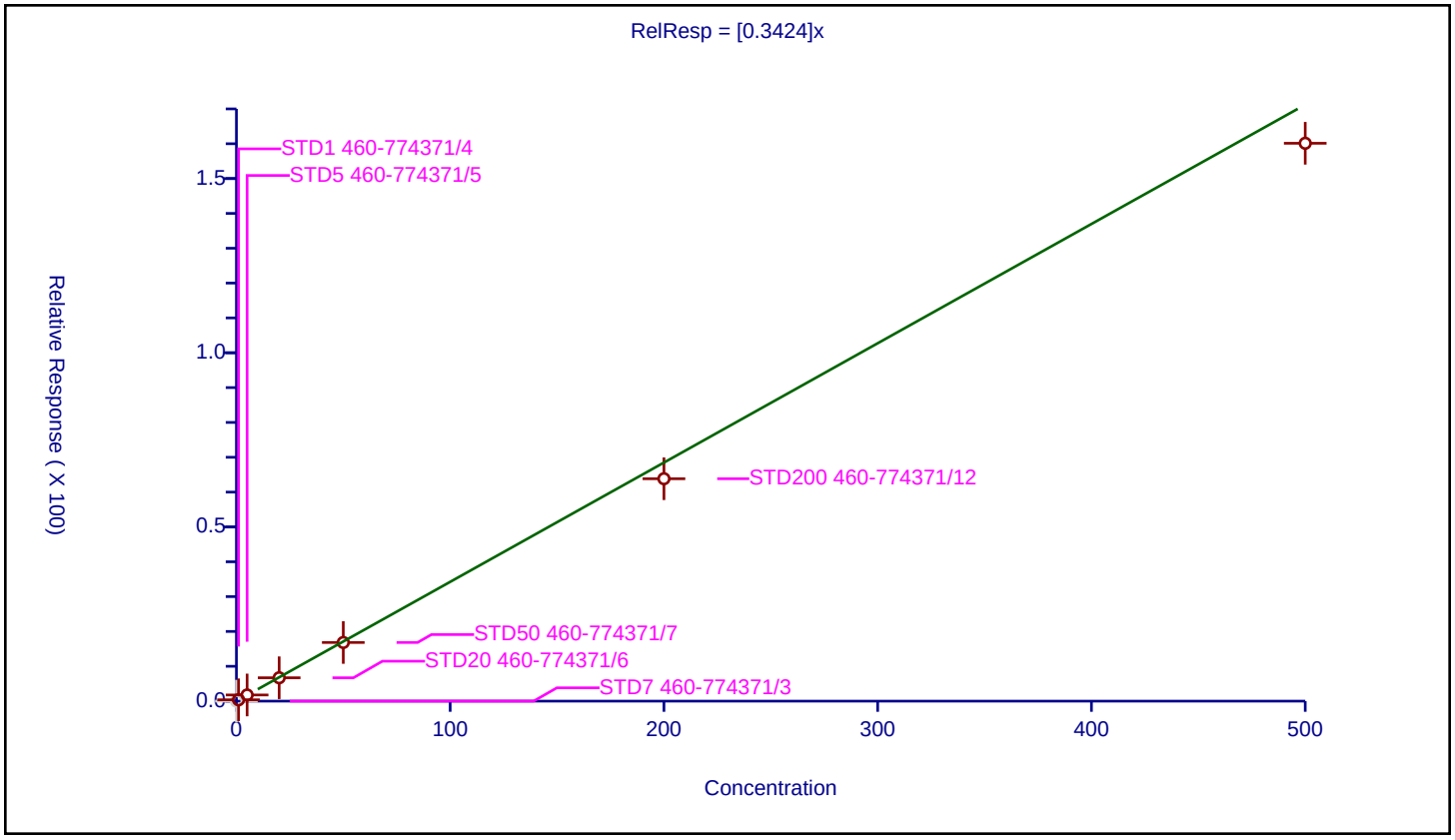
Curve Coefficients

Intercept:	0
Slope:	0.3424

Error Coefficients

Standard Error:	939000
Relative Standard Error:	7.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.388698	50.0	598280.0	0.388698	Y
3	STD5 460-774371/5	5.0	1.770708	50.0	589397.0	0.354142	Y
4	STD20 460-774371/6	20.0	6.708637	50.0	580565.0	0.335432	Y
5	STD50 460-774371/7	50.0	16.836577	50.0	580697.0	0.336732	Y
6	STD200 460-774371/12	200.0	63.841646	50.0	614255.0	0.319208	Y
7	STD500 460-774371/8	500.0	160.126442	50.0	604941.0	0.320253	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

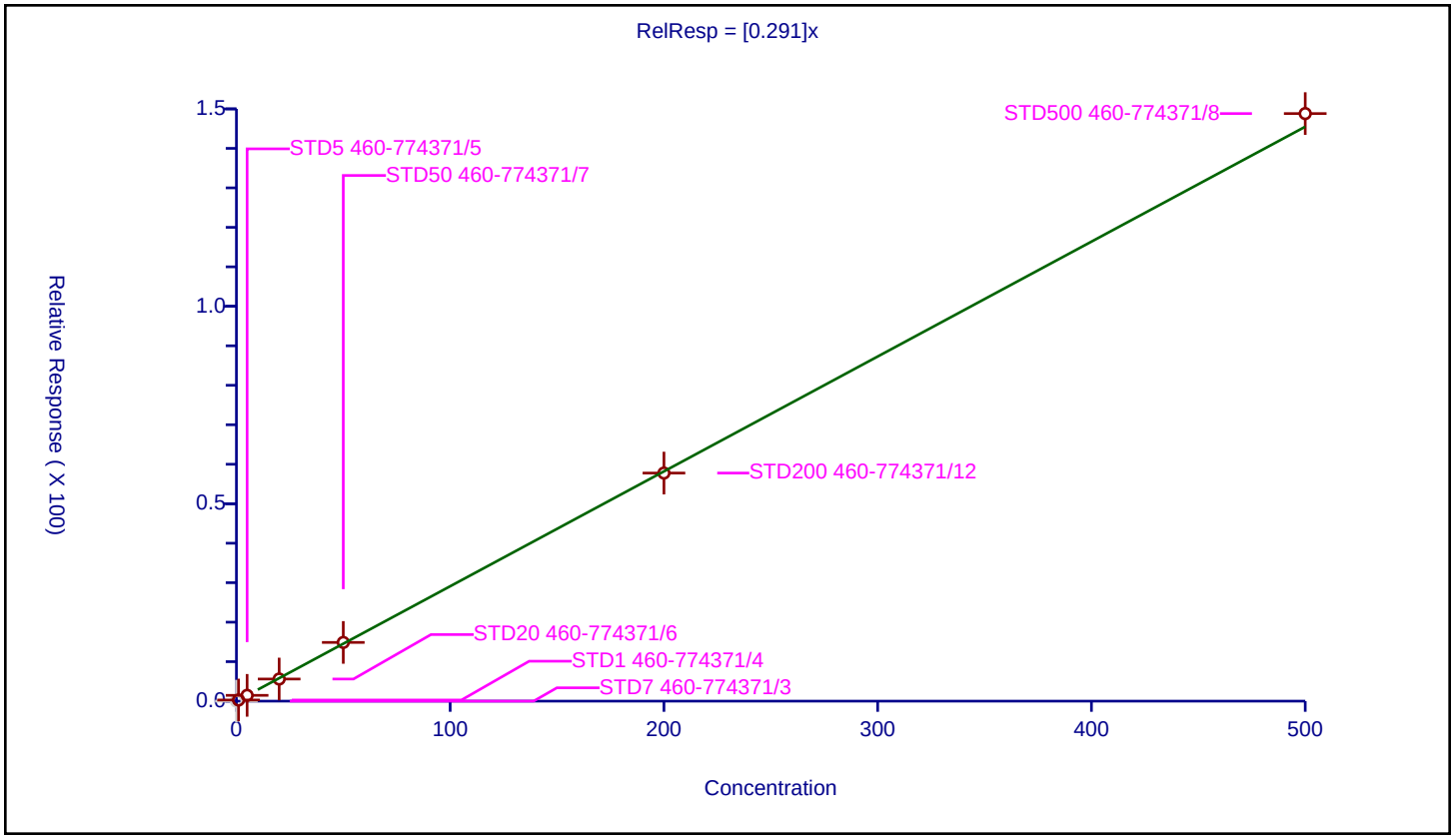
Curve Coefficients

Intercept:	0
Slope:	0.291

Error Coefficients

Standard Error:	869000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.288661	50.0	598280.0	0.288661	Y
3	STD5 460-774371/5	5.0	1.465141	50.0	589397.0	0.293028	Y
4	STD20 460-774371/6	20.0	5.604368	50.0	580565.0	0.280218	Y
5	STD50 460-774371/7	50.0	14.867909	50.0	580697.0	0.297358	Y
6	STD200 460-774371/12	200.0	57.766319	50.0	614255.0	0.288832	Y
7	STD500 460-774371/8	500.0	148.814843	50.0	604941.0	0.29763	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

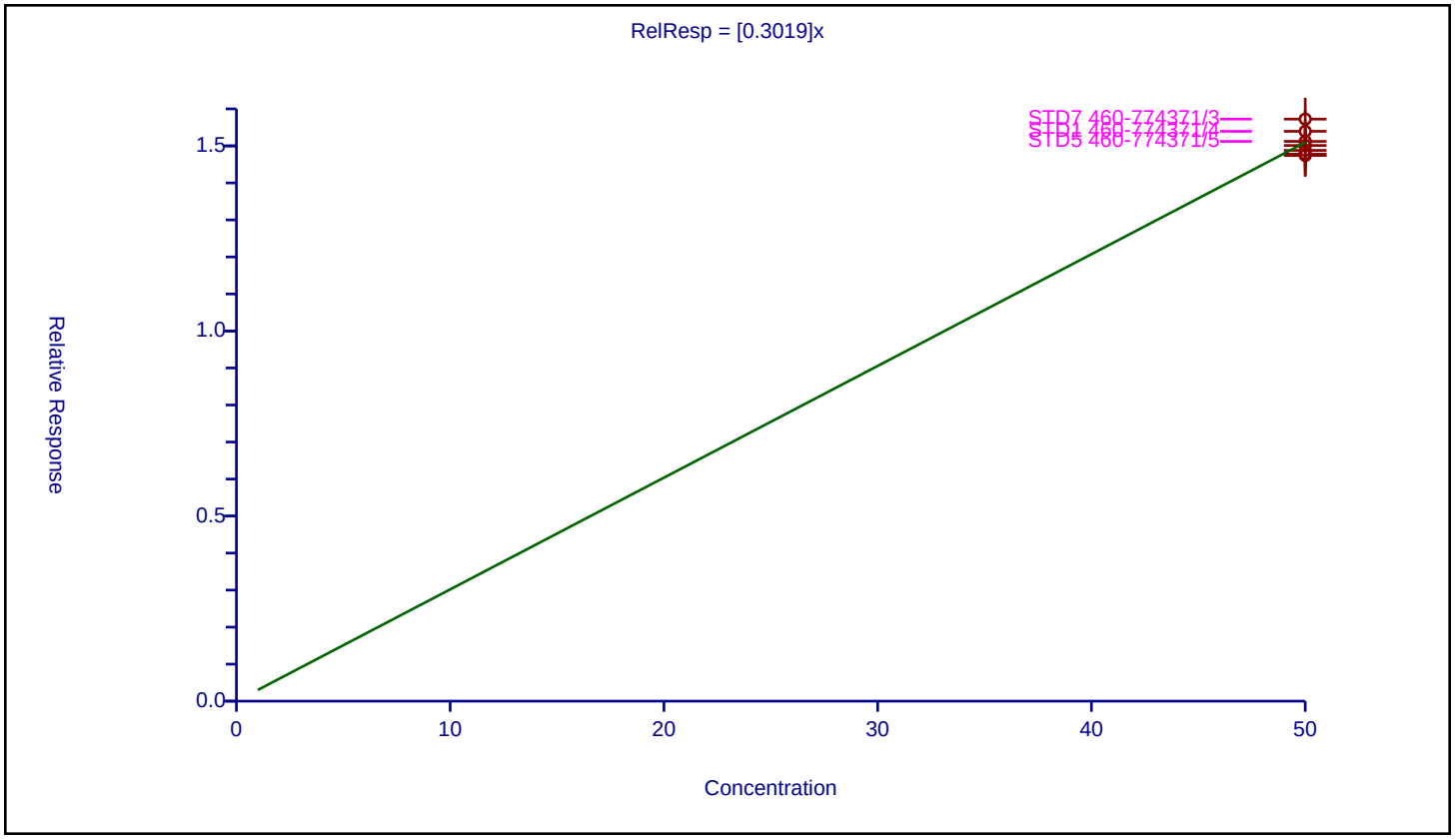
Curve Coefficients

Intercept:	0
Slope:	0.3019

Error Coefficients

Standard Error:	194000
Relative Standard Error:	2.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	50.0	15.72394	50.0	596603.0	0.314479	Y
2	STD1 460-774371/4	50.0	15.393796	50.0	598280.0	0.307876	Y
3	STD5 460-774371/5	50.0	15.12215	50.0	589397.0	0.302443	Y
4	STD20 460-774371/6	50.0	14.878007	50.0	580565.0	0.29756	Y
5	STD50 460-774371/7	50.0	14.77905	50.0	580697.0	0.295581	Y
6	STD500 460-774371/8	50.0	15.011795	50.0	604941.0	0.300236	Y
7	STD200 460-774371/12	50.0	14.741353	50.0	614255.0	0.294827	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

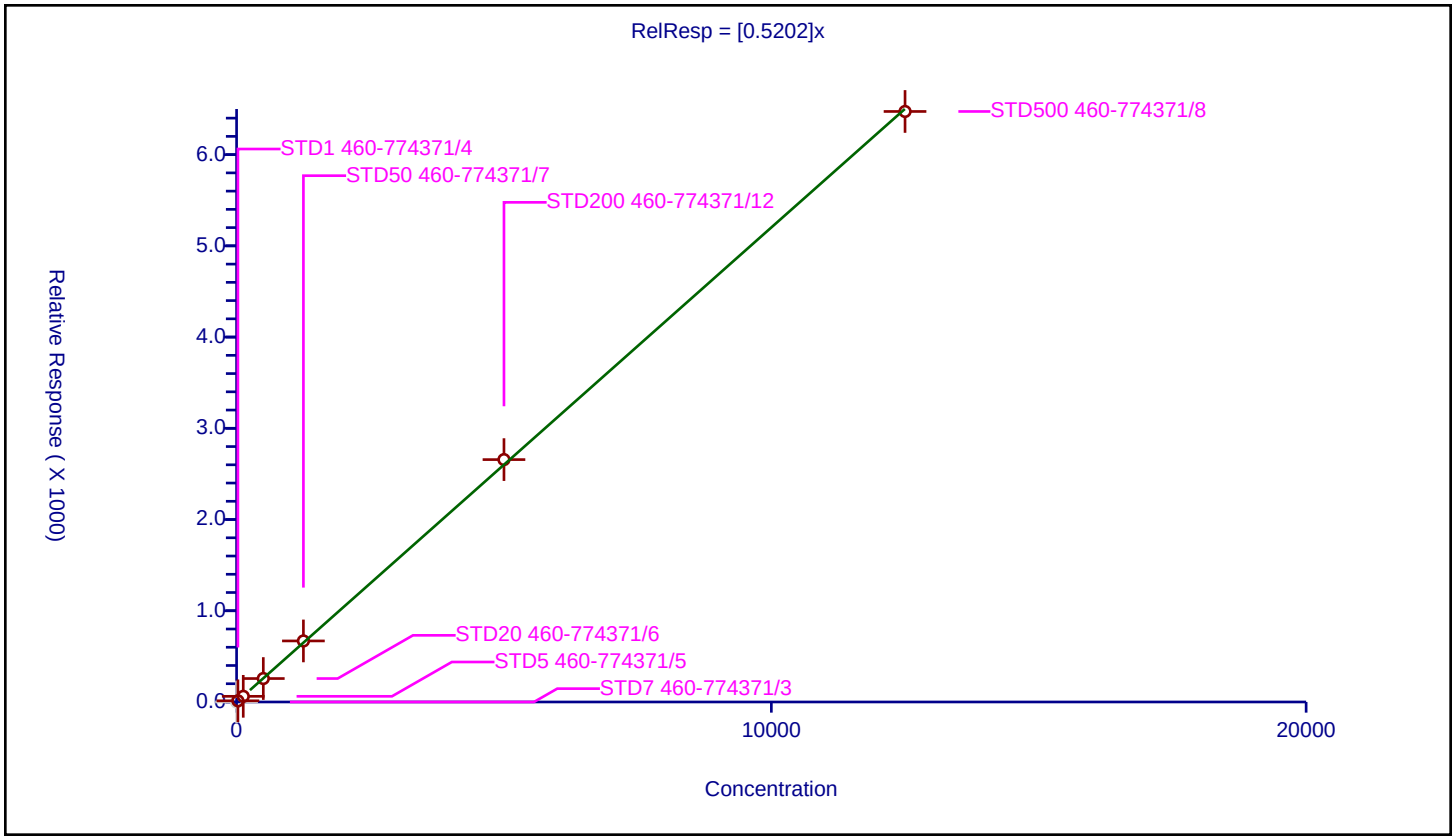
Curve Coefficients

Intercept:	0
Slope:	0.5202

Error Coefficients

Standard Error:	864000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	1000.0	253286.0	NaN	N
2	STD1 460-774371/4	25.0	13.147048	1000.0	234121.0	0.525882	Y
3	STD5 460-774371/5	125.0	62.075438	1000.0	237598.0	0.496604	Y
4	STD20 460-774371/6	500.0	257.006785	1000.0	248188.0	0.514014	Y
5	STD50 460-774371/7	1250.0	669.185271	1000.0	248021.0	0.535348	Y
6	STD200 460-774371/12	5000.0	2656.842469	1000.0	278021.0	0.531368	Y
7	STD500 460-774371/8	12500.0	6472.996509	1000.0	275594.0	0.51784	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

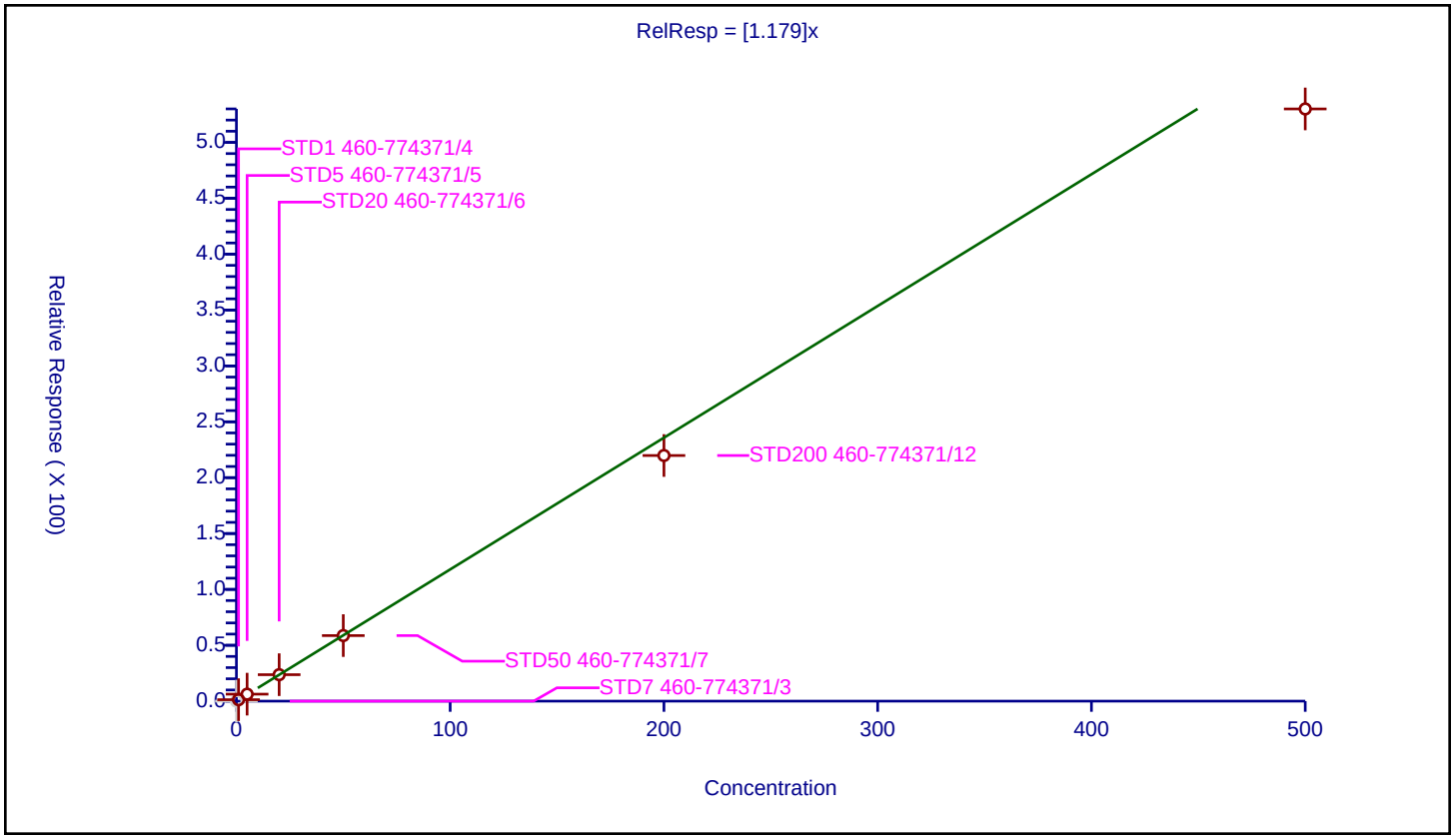
Curve Coefficients

Intercept:	0
Slope:	1.179

Error Coefficients

Standard Error:	2680000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	1.306114	50.0	473236.0	1.306114	Y
3	STD5 460-774371/5	5.0	6.246751	50.0	473262.0	1.24935	Y
4	STD20 460-774371/6	20.0	23.686284	50.0	475921.0	1.184314	Y
5	STD50 460-774371/7	50.0	58.677451	50.0	482175.0	1.173549	Y
6	STD200 460-774371/12	200.0	219.814887	50.0	515794.0	1.099074	Y
7	STD500 460-774371/8	500.0	529.951287	50.0	520809.0	1.059903	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

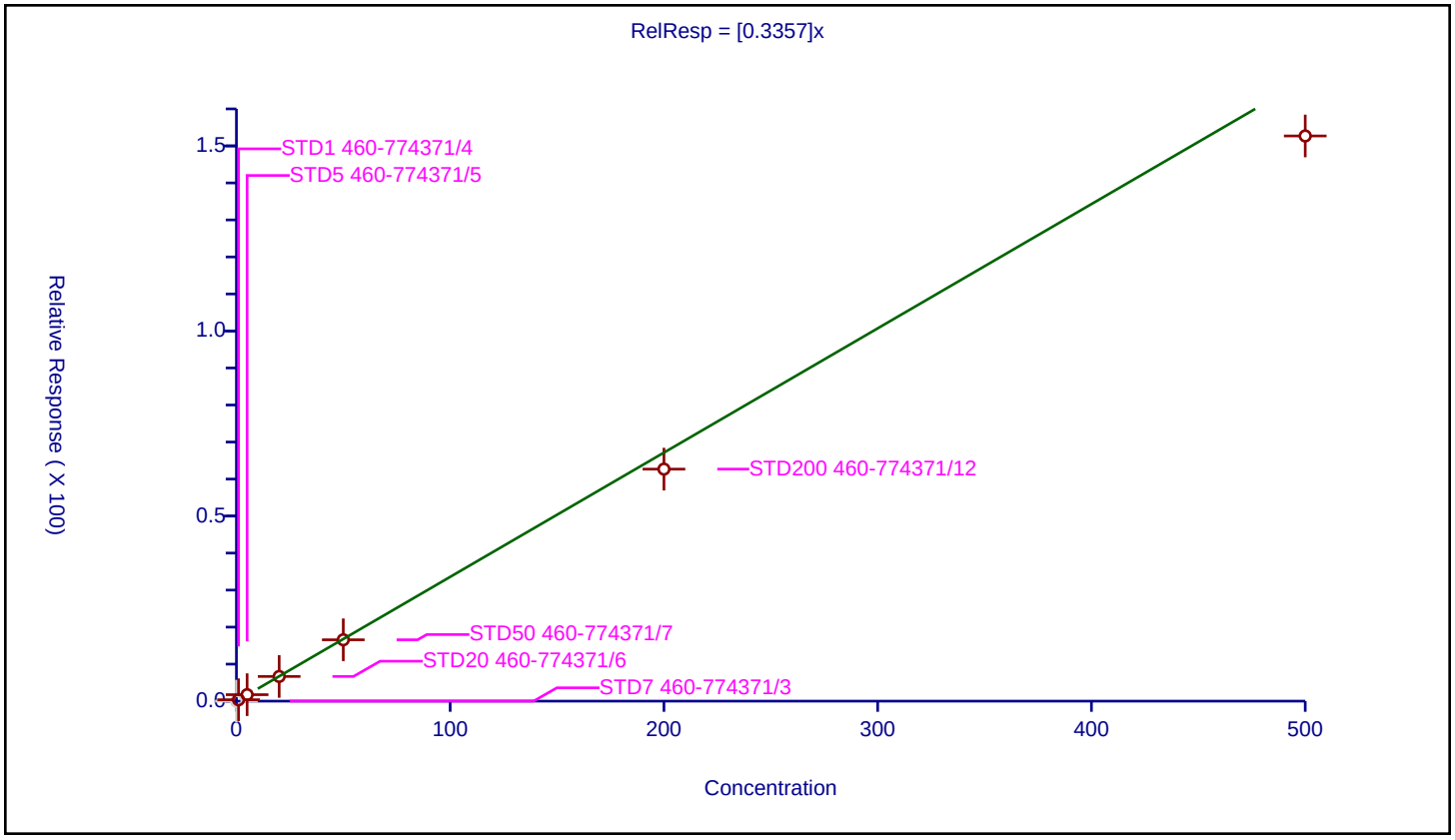
Curve Coefficients

Intercept:	0
Slope:	0.3357

Error Coefficients

Standard Error:	900000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.38126	50.0	598280.0	0.38126	Y
3	STD5 460-774371/5	5.0	1.745852	50.0	589397.0	0.34917	Y
4	STD20 460-774371/6	20.0	6.669107	50.0	580565.0	0.333455	Y
5	STD50 460-774371/7	50.0	16.576631	50.0	580697.0	0.331533	Y
6	STD200 460-774371/12	200.0	62.682681	50.0	614255.0	0.313413	Y
7	STD500 460-774371/8	500.0	152.688361	50.0	604941.0	0.305377	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

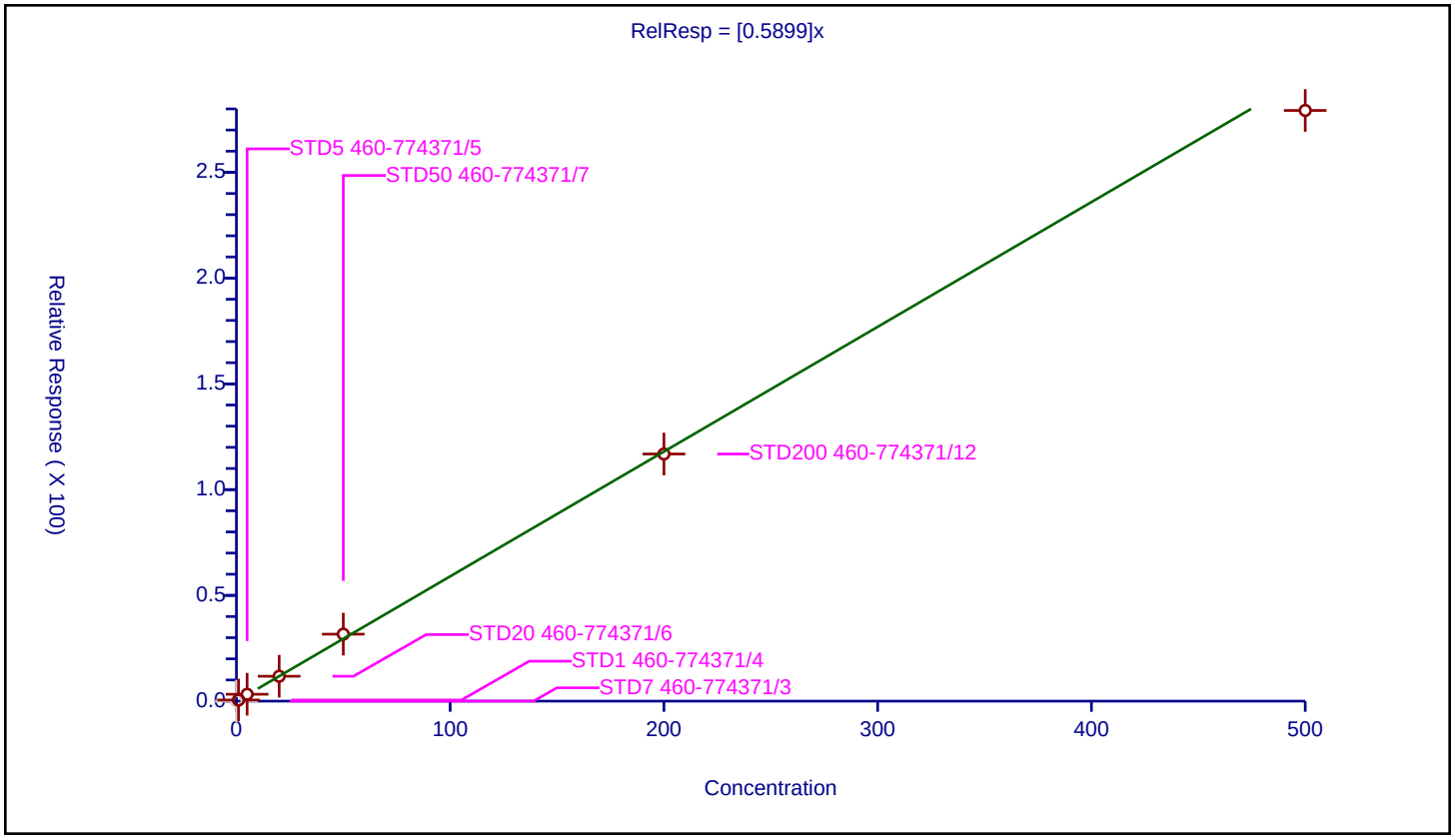
Curve Coefficients

Intercept:	0
Slope:	0.5899

Error Coefficients

Standard Error:	1650000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.524754	50.0	598280.0	0.524754	Y
3	STD5 460-774371/5	5.0	3.250101	50.0	589397.0	0.65002	Y
4	STD20 460-774371/6	20.0	11.770861	50.0	580565.0	0.588543	Y
5	STD50 460-774371/7	50.0	31.66109	50.0	580697.0	0.633222	Y
6	STD200 460-774371/12	200.0	116.849354	50.0	614255.0	0.584247	Y
7	STD500 460-774371/8	500.0	279.260787	50.0	604941.0	0.558522	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

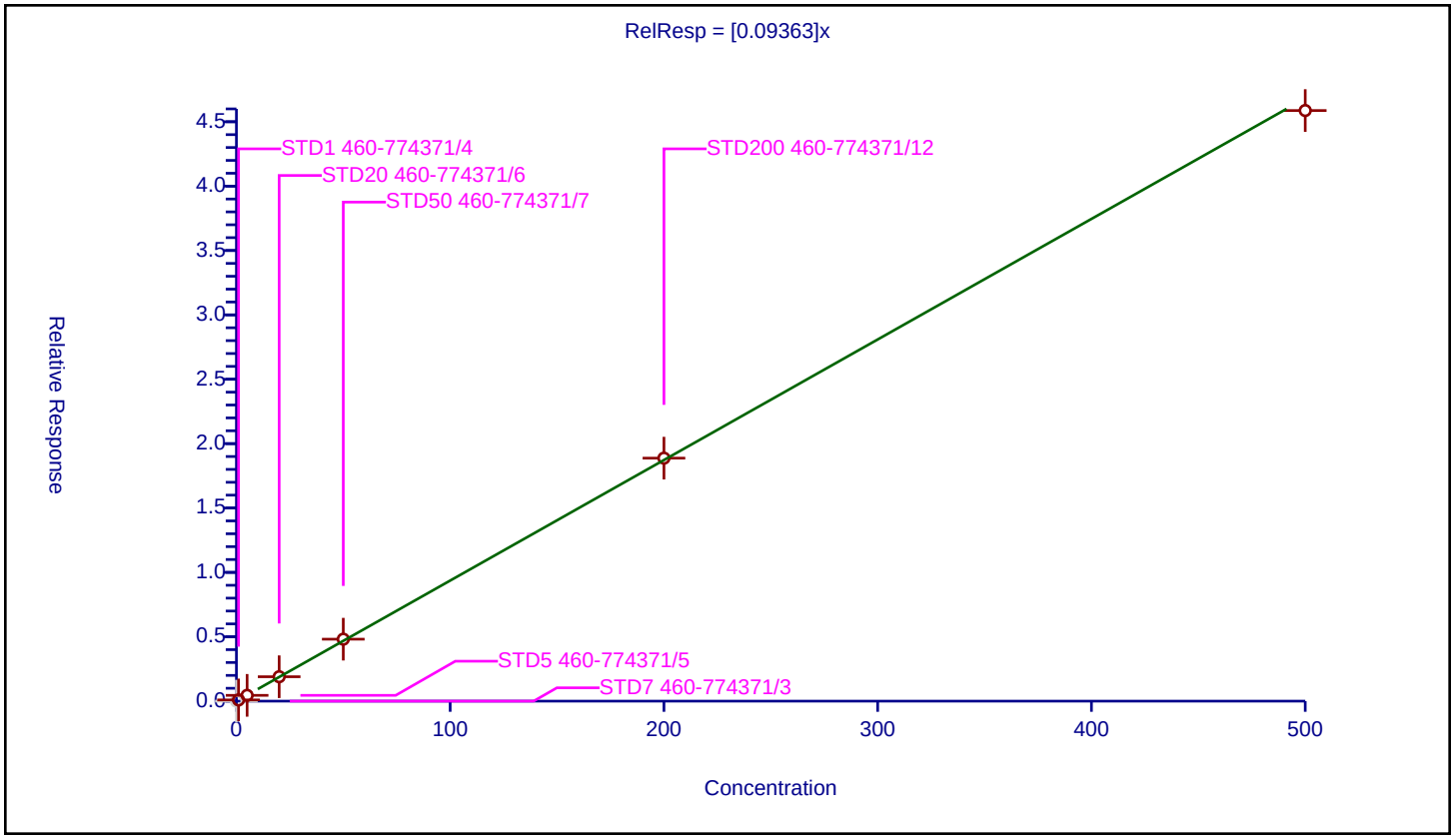
Curve Coefficients

Intercept:	0
Slope:	0.09363

Error Coefficients

Standard Error:	270000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.094688	50.0	598280.0	0.094688	Y
3	STD5 460-774371/5	5.0	0.449951	50.0	589397.0	0.08999	Y
4	STD20 460-774371/6	20.0	1.895309	50.0	580565.0	0.094765	Y
5	STD50 460-774371/7	50.0	4.812406	50.0	580697.0	0.096248	Y
6	STD200 460-774371/12	200.0	18.87449	50.0	614255.0	0.094372	Y
7	STD500 460-774371/8	500.0	45.872242	50.0	604941.0	0.091744	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

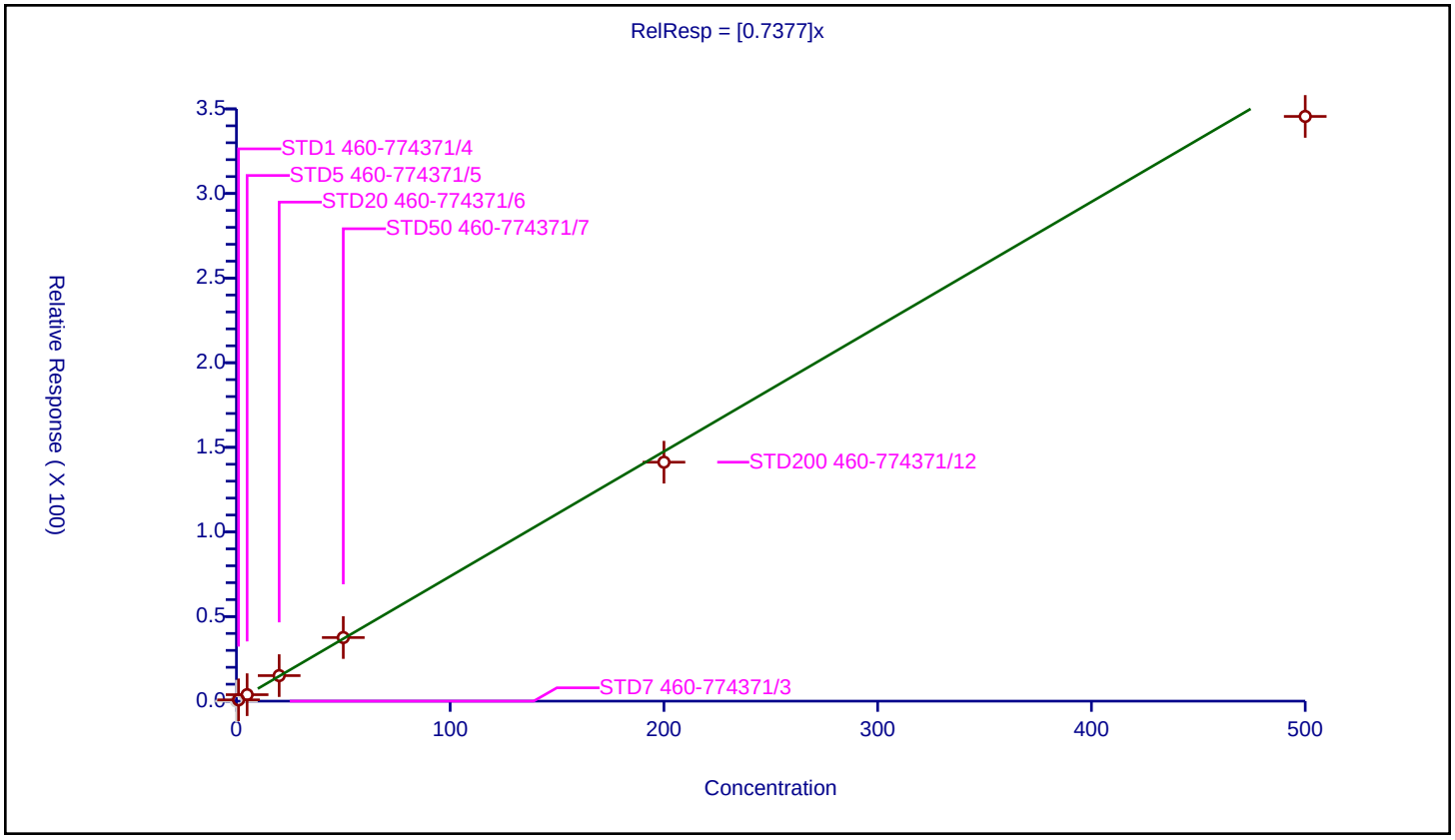
Curve Coefficients

Intercept:	0
Slope:	0.7377

Error Coefficients

Standard Error:	2040000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.760179	50.0	598280.0	0.760179	Y
3	STD5 460-774371/5	5.0	3.814577	50.0	589397.0	0.762915	Y
4	STD20 460-774371/6	20.0	15.080913	50.0	580565.0	0.754046	Y
5	STD50 460-774371/7	50.0	37.583972	50.0	580697.0	0.751679	Y
6	STD200 460-774371/12	200.0	141.203002	50.0	614255.0	0.706015	Y
7	STD500 460-774371/8	500.0	345.55188	50.0	604941.0	0.691104	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

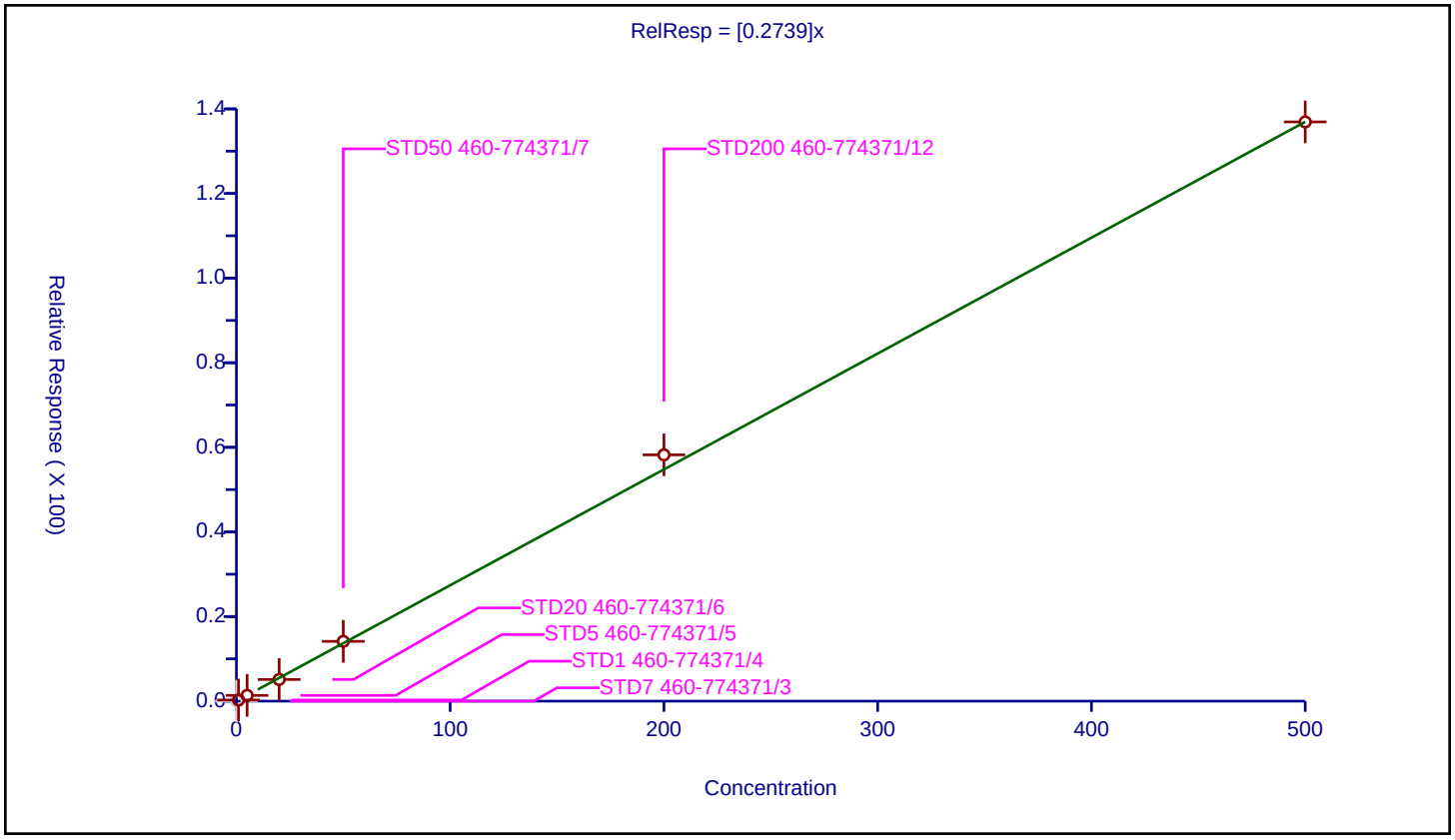
Curve Coefficients

Intercept:	0
Slope:	0.2739

Error Coefficients

Standard Error:	811000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.26852	50.0	598280.0	0.26852	Y
3	STD5 460-774371/5	5.0	1.355114	50.0	589397.0	0.271023	Y
4	STD20 460-774371/6	20.0	5.123974	50.0	580565.0	0.256199	Y
5	STD50 460-774371/7	50.0	14.130519	50.0	580697.0	0.28261	Y
6	STD200 460-774371/12	200.0	58.222644	50.0	614255.0	0.291113	Y
7	STD500 460-774371/8	500.0	136.922113	50.0	604941.0	0.273844	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

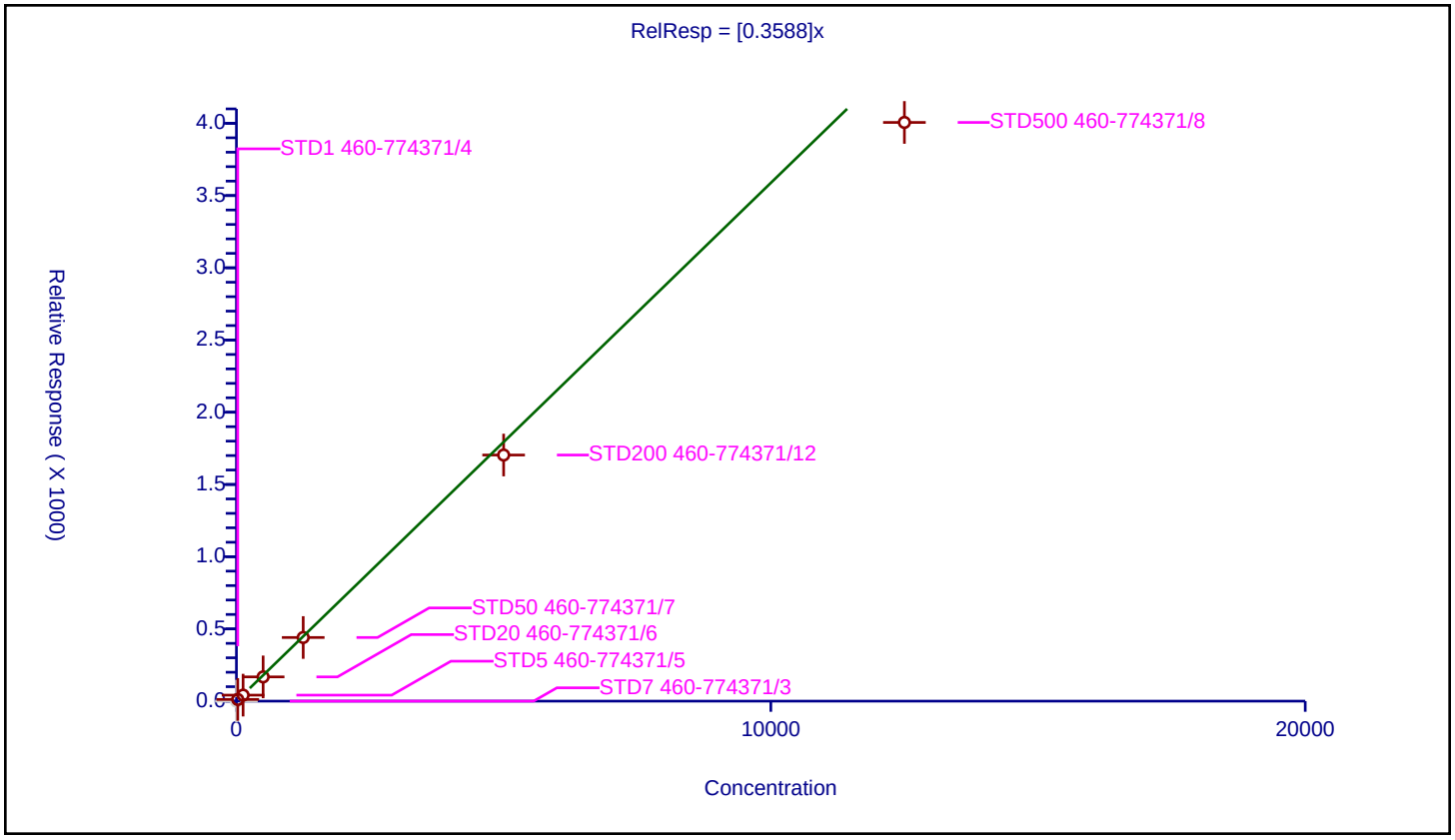
Curve Coefficients

Intercept:	0
Slope:	0.3588

Error Coefficients

Standard Error:	538000
Relative Standard Error:	15.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	1000.0	253286.0	NaN	N
2	STD1 460-774371/4	25.0	11.767419	1000.0	234121.0	0.470697	Y
3	STD5 460-774371/5	125.0	41.55338	1000.0	237598.0	0.332427	Y
4	STD20 460-774371/6	500.0	167.836479	1000.0	248188.0	0.335673	Y
5	STD50 460-774371/7	1250.0	440.579628	1000.0	248021.0	0.352464	Y
6	STD200 460-774371/12	5000.0	1703.820934	1000.0	278021.0	0.340764	Y
7	STD500 460-774371/8	12500.0	4006.226551	1000.0	275594.0	0.320498	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

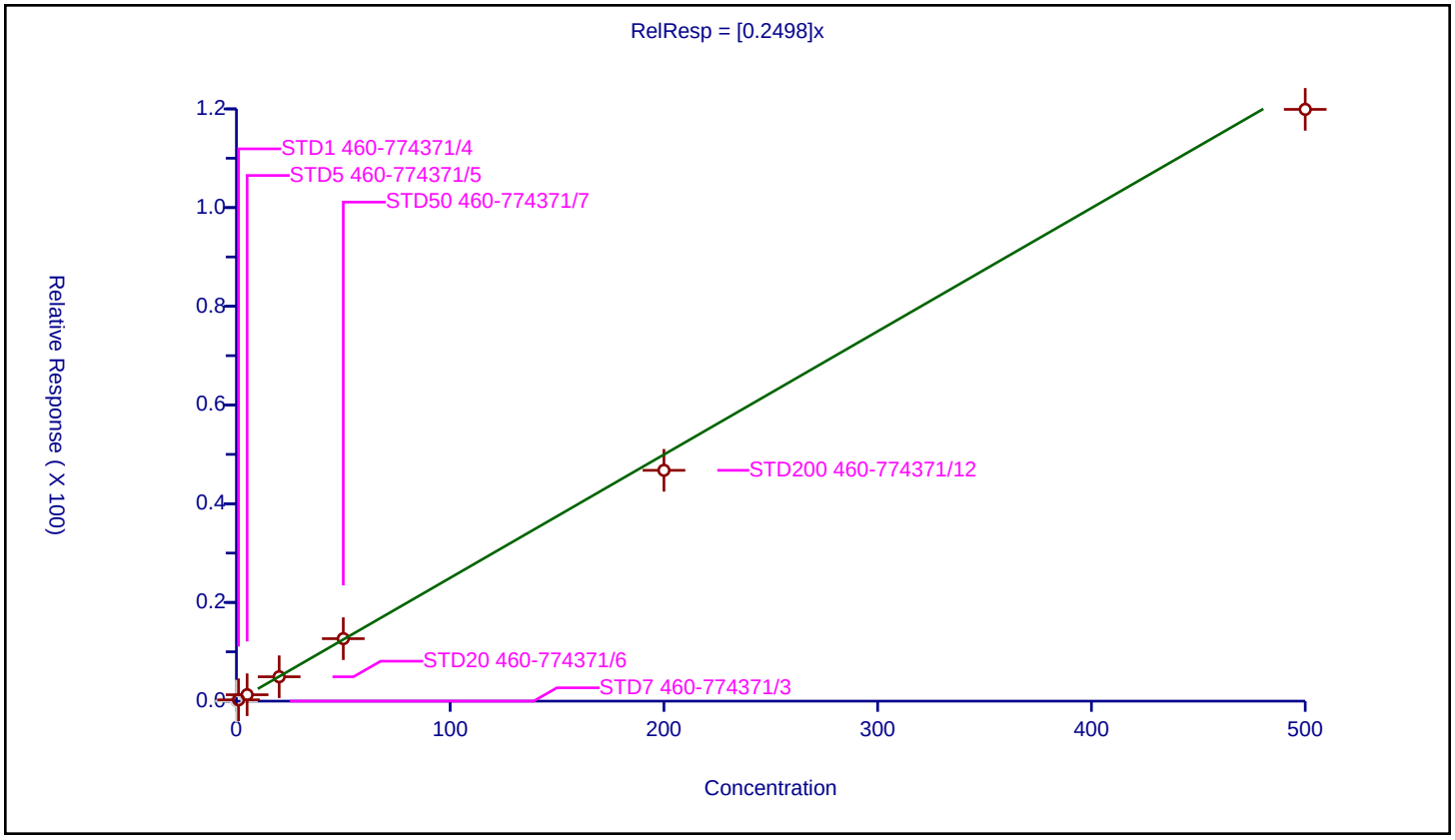
Curve Coefficients

Intercept:	0
Slope:	0.2498

Error Coefficients

Standard Error:	701000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.264926	50.0	598280.0	0.264926	Y
3	STD5 460-774371/5	5.0	1.299633	50.0	589397.0	0.259927	Y
4	STD20 460-774371/6	20.0	4.941049	50.0	580565.0	0.247052	Y
5	STD50 460-774371/7	50.0	12.658409	50.0	580697.0	0.253168	Y
6	STD200 460-774371/12	200.0	46.768443	50.0	614255.0	0.233842	Y
7	STD500 460-774371/8	500.0	119.900866	50.0	604941.0	0.239802	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

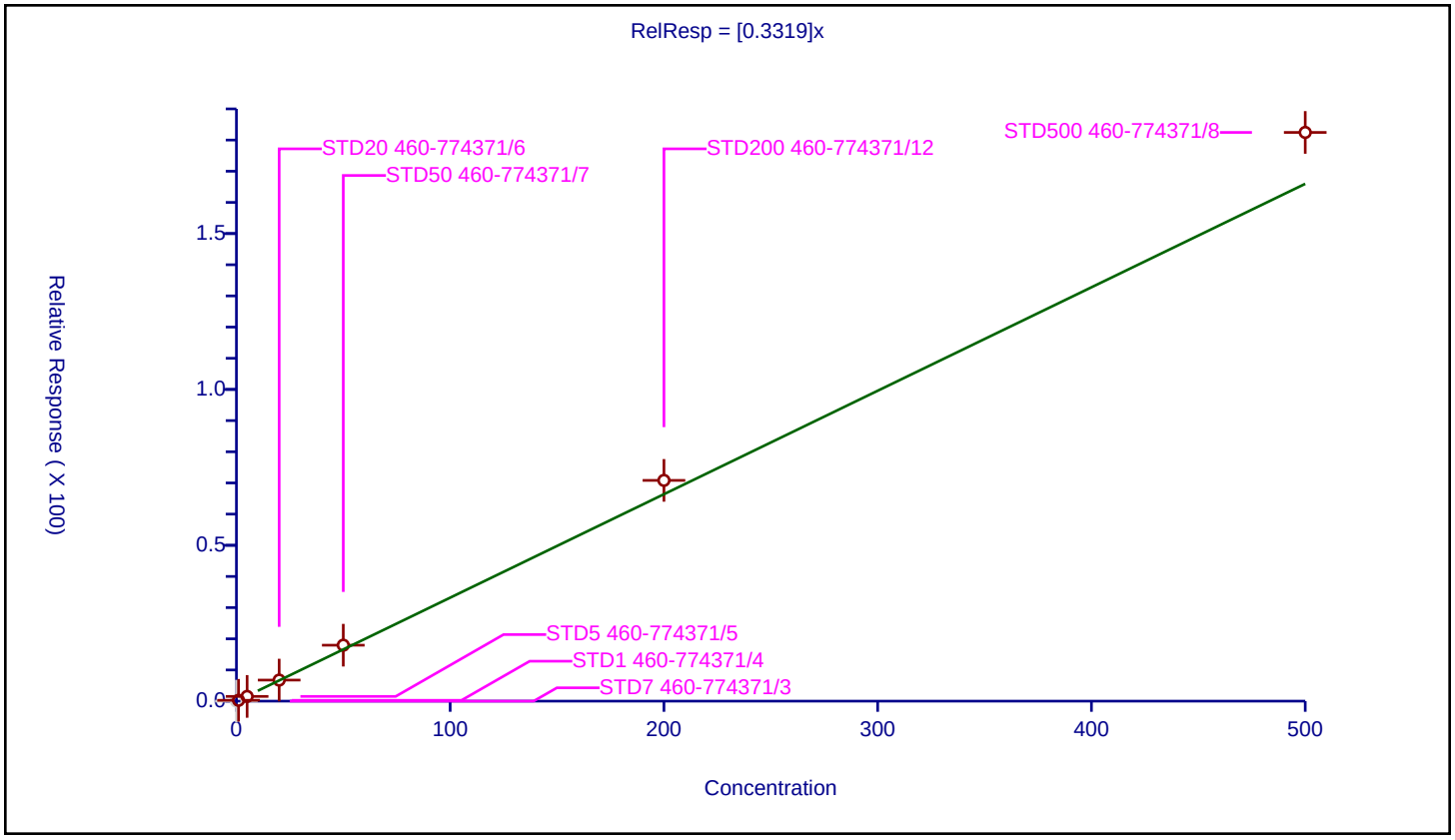
Curve Coefficients

Intercept:	0
Slope:	0.3319

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	11.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.27203	50.0	598280.0	0.27203	Y
3	STD5 460-774371/5	5.0	1.520198	50.0	589397.0	0.30404	Y
4	STD20 460-774371/6	20.0	6.751096	50.0	580565.0	0.337555	Y
5	STD50 460-774371/7	50.0	17.945073	50.0	580697.0	0.358901	Y
6	STD200 460-774371/12	200.0	70.818227	50.0	614255.0	0.354091	Y
7	STD500 460-774371/8	500.0	182.445478	50.0	604941.0	0.364891	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

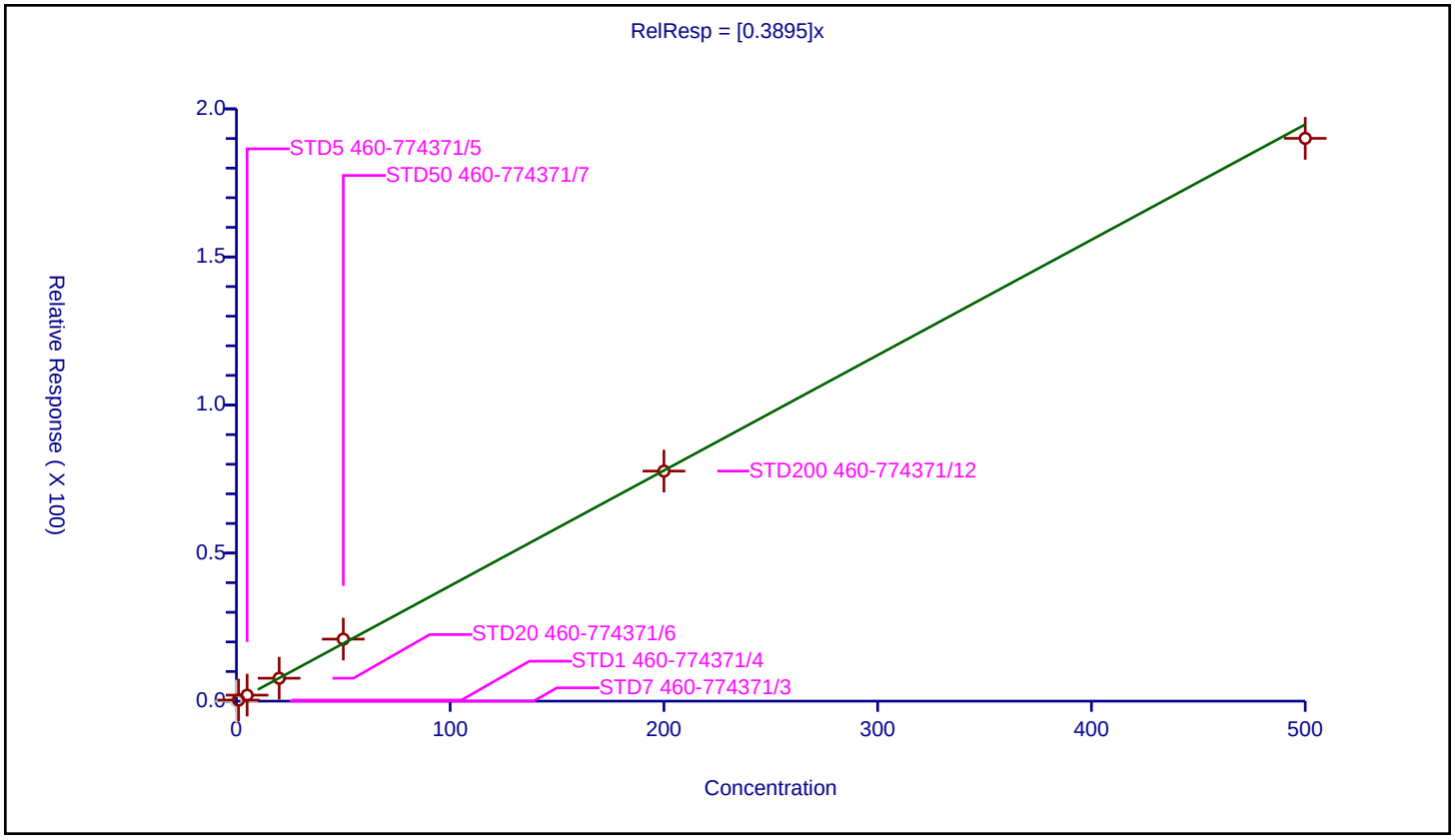
Curve Coefficients

Intercept:	0
Slope:	0.3895

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.357943	50.0	598280.0	0.357943	Y
3	STD5 460-774371/5	5.0	2.023678	50.0	589397.0	0.404736	Y
4	STD20 460-774371/6	20.0	7.735396	50.0	580565.0	0.38677	Y
5	STD50 460-774371/7	50.0	20.941558	50.0	580697.0	0.418831	Y
6	STD200 460-774371/12	200.0	77.686954	50.0	614255.0	0.388435	Y
7	STD500 460-774371/8	500.0	190.05308	50.0	604941.0	0.380106	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

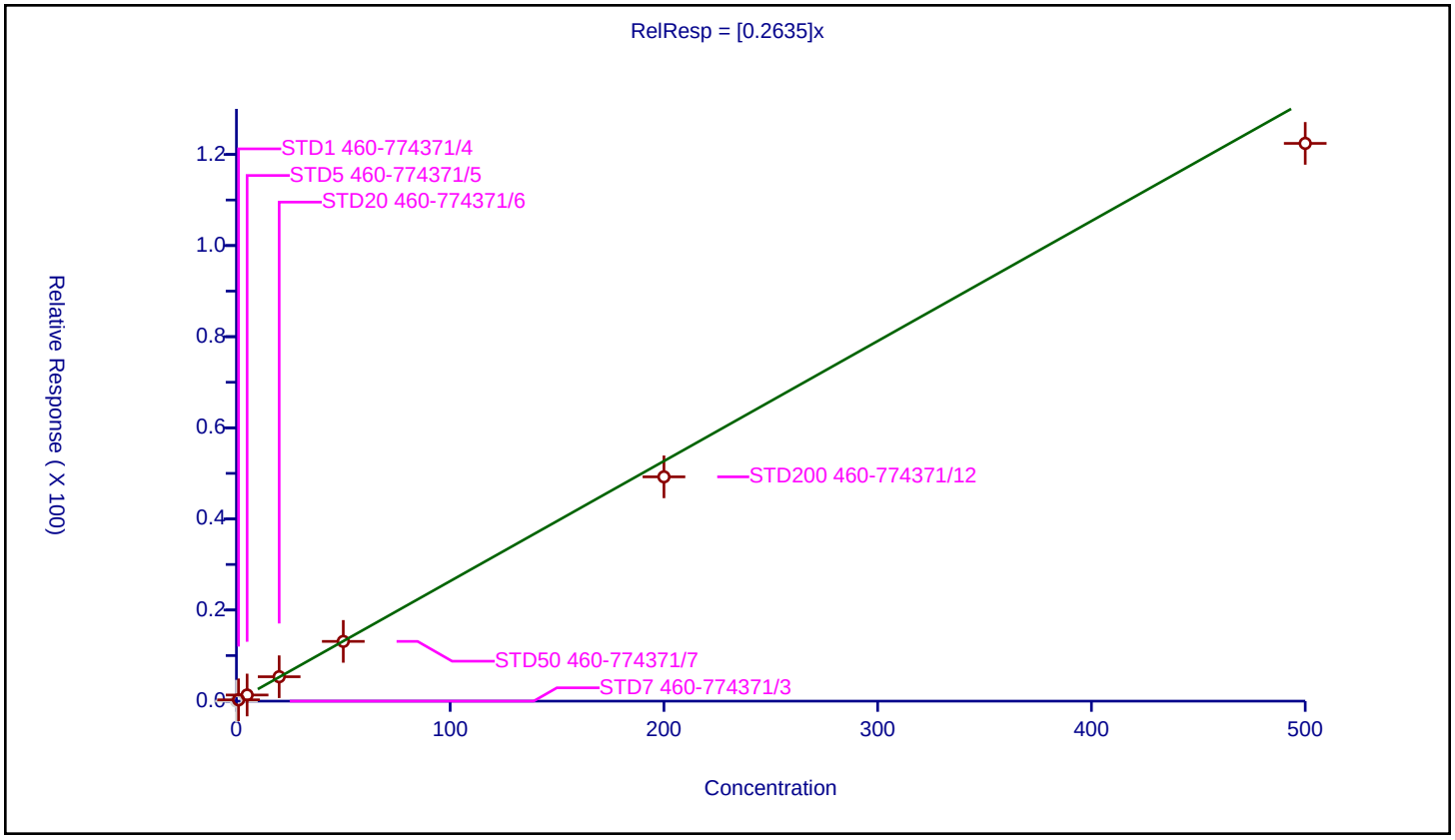
Curve Coefficients

Intercept:	0
Slope:	0.2635

Error Coefficients

Standard Error:	719000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.289497	50.0	598280.0	0.289497	Y
3	STD5 460-774371/5	5.0	1.3496	50.0	589397.0	0.26992	Y
4	STD20 460-774371/6	20.0	5.360812	50.0	580565.0	0.268041	Y
5	STD50 460-774371/7	50.0	13.115704	50.0	580697.0	0.262314	Y
6	STD200 460-774371/12	200.0	49.234601	50.0	614255.0	0.246173	Y
7	STD500 460-774371/8	500.0	122.426815	50.0	604941.0	0.244854	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

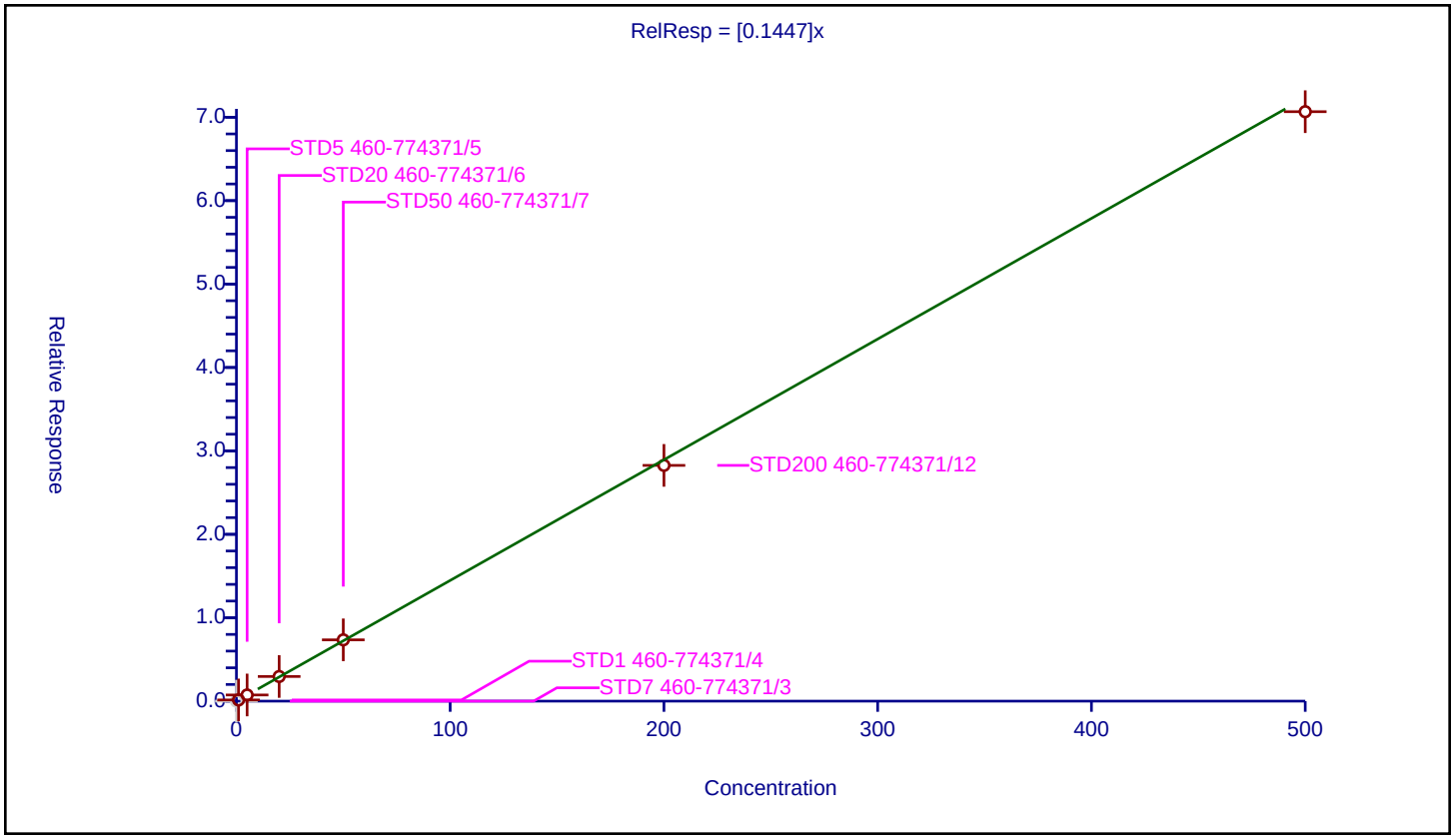
Curve Coefficients

Intercept:	0
Slope:	0.1447

Error Coefficients

Standard Error:	415000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.142743	50.0	598280.0	0.142743	Y
3	STD5 460-774371/5	5.0	0.740333	50.0	589397.0	0.148067	Y
4	STD20 460-774371/6	20.0	2.953933	50.0	580565.0	0.147697	Y
5	STD50 460-774371/7	50.0	7.348152	50.0	580697.0	0.146963	Y
6	STD200 460-774371/12	200.0	28.262855	50.0	614255.0	0.141314	Y
7	STD500 460-774371/8	500.0	70.66466	50.0	604941.0	0.141329	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

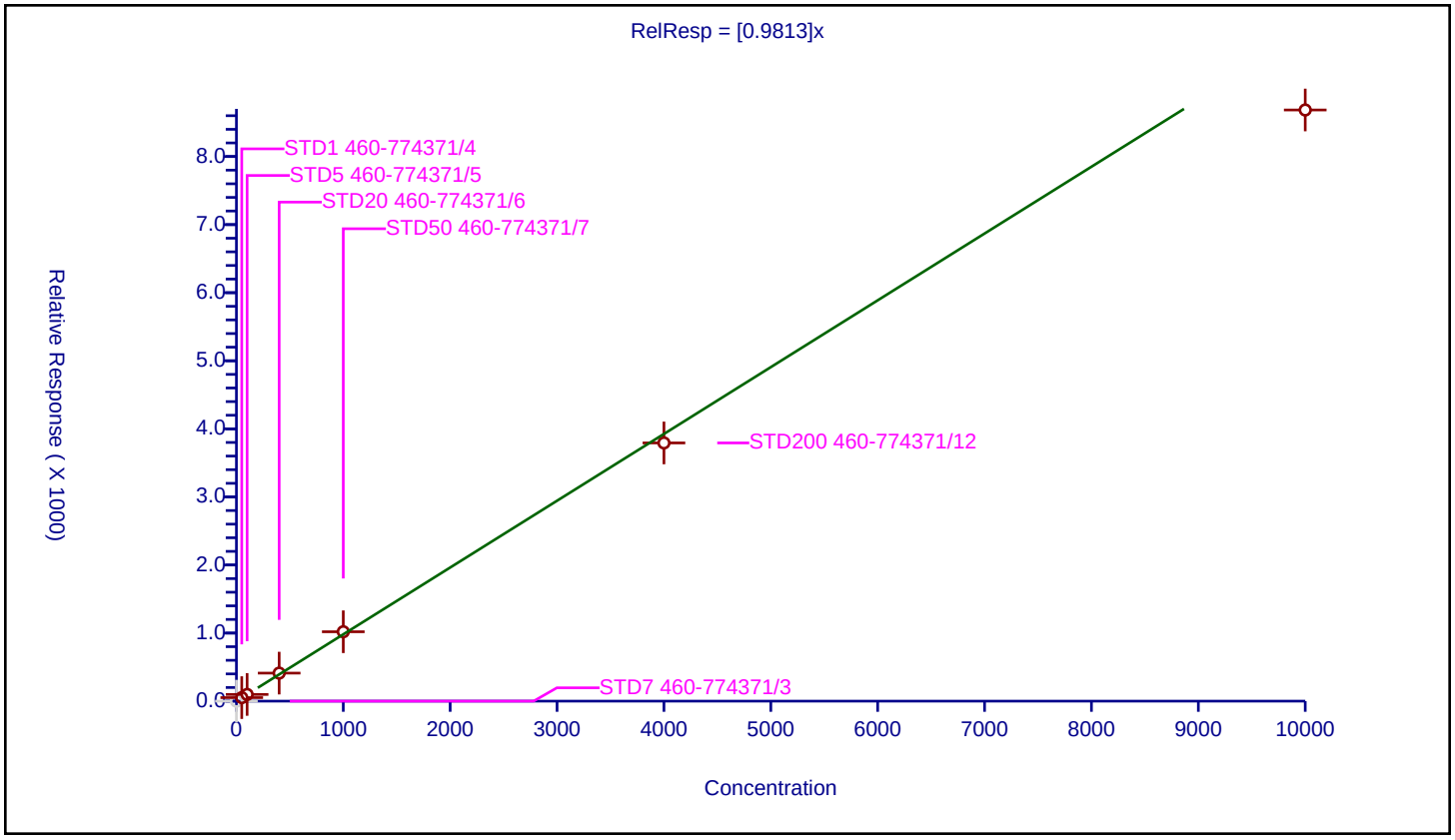
Curve Coefficients

Intercept:	0
Slope:	0.9813

Error Coefficients

Standard Error:	162000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	1000.0	33842.0	NaN	N
2	STD1 460-774371/4	50.000062	51.974863	1000.0	32939.0	1.039496	Y
3	STD5 460-774371/5	100.0	98.239722	1000.0	33347.0	0.982397	Y
4	STD20 460-774371/6	400.0	411.925164	1000.0	33727.0	1.029813	Y
5	STD50 460-774371/7	1000.0	1019.351949	1000.0	33485.0	1.019352	Y
6	STD200 460-774371/12	4000.0	3793.1306	1000.0	36830.0	0.948283	Y
7	STD500 460-774371/8	10000.0	8683.785896	1000.0	39663.0	0.868379	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

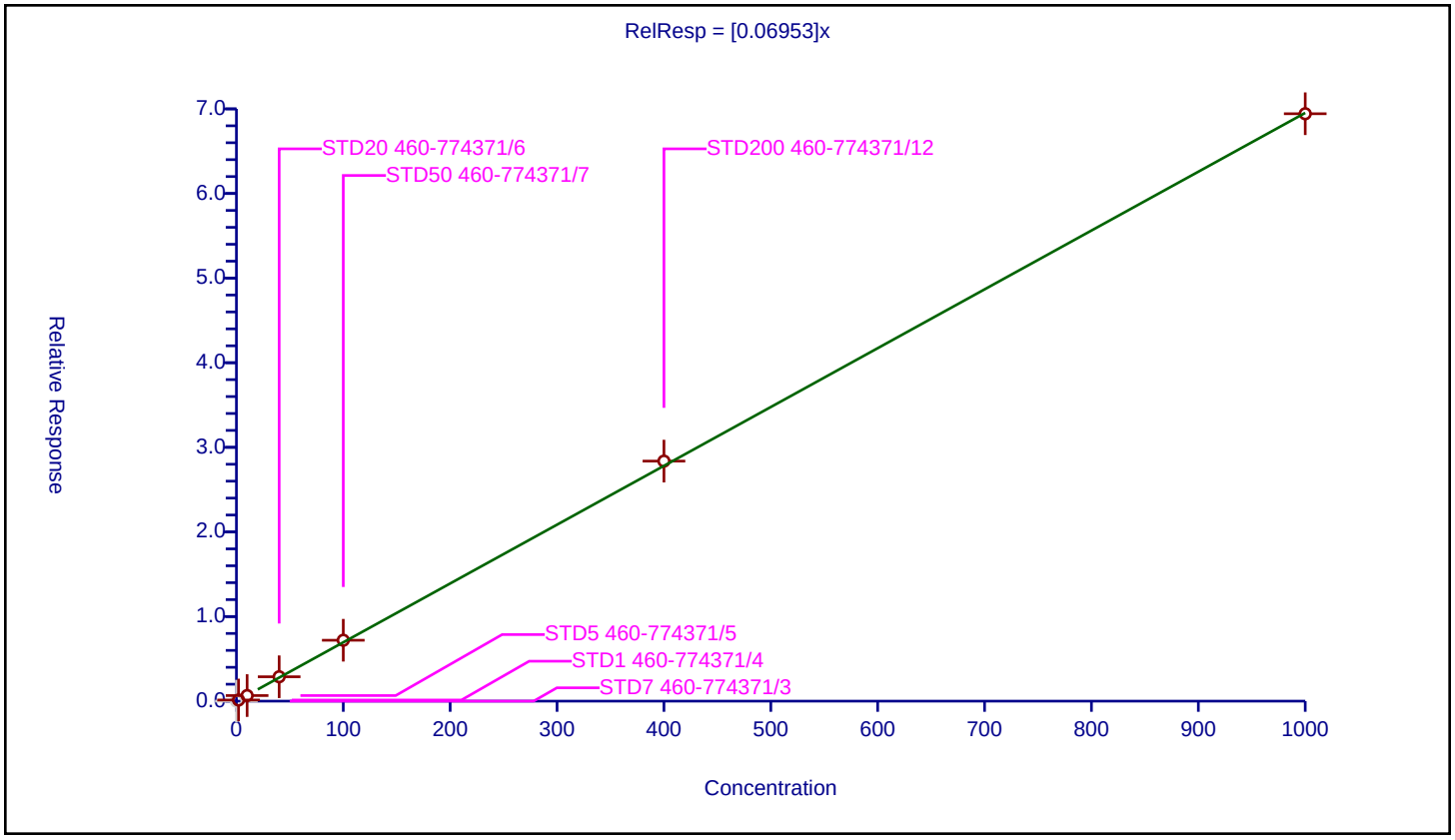
Curve Coefficients

Intercept:	0
Slope:	0.06953

Error Coefficients

Standard Error:	409000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	2.0	0.133884	50.0	598280.0	0.066942	Y
3	STD5 460-774371/5	10.0	0.65813	50.0	589397.0	0.065813	Y
4	STD20 460-774371/6	40.0	2.883226	50.0	580565.0	0.072081	Y
5	STD50 460-774371/7	100.0	7.197041	50.0	580697.0	0.07197	Y
6	STD200 460-774371/12	400.0	28.372663	50.0	614255.0	0.070932	Y
7	STD500 460-774371/8	1000.0	69.427266	50.0	604941.0	0.069427	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

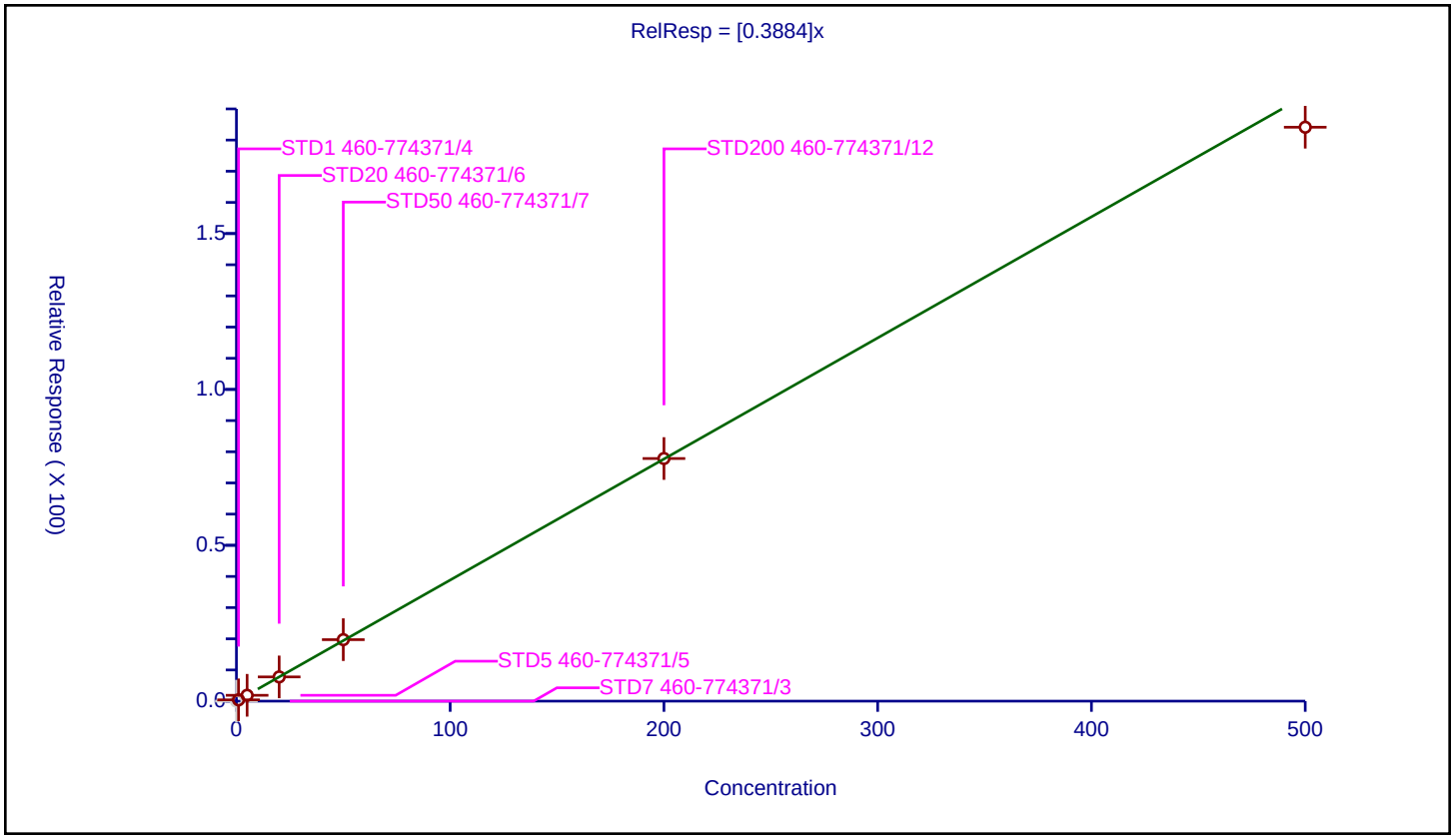
Curve Coefficients

Intercept:	0
Slope:	0.3884

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.415441	50.0	598280.0	0.415441	Y
3	STD5 460-774371/5	5.0	1.872422	50.0	589397.0	0.374484	Y
4	STD20 460-774371/6	20.0	7.773118	50.0	580565.0	0.388656	Y
5	STD50 460-774371/7	50.0	19.724831	50.0	580697.0	0.394497	Y
6	STD200 460-774371/12	200.0	77.836973	50.0	614255.0	0.389185	Y
7	STD500 460-774371/8	500.0	184.119608	50.0	604941.0	0.368239	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

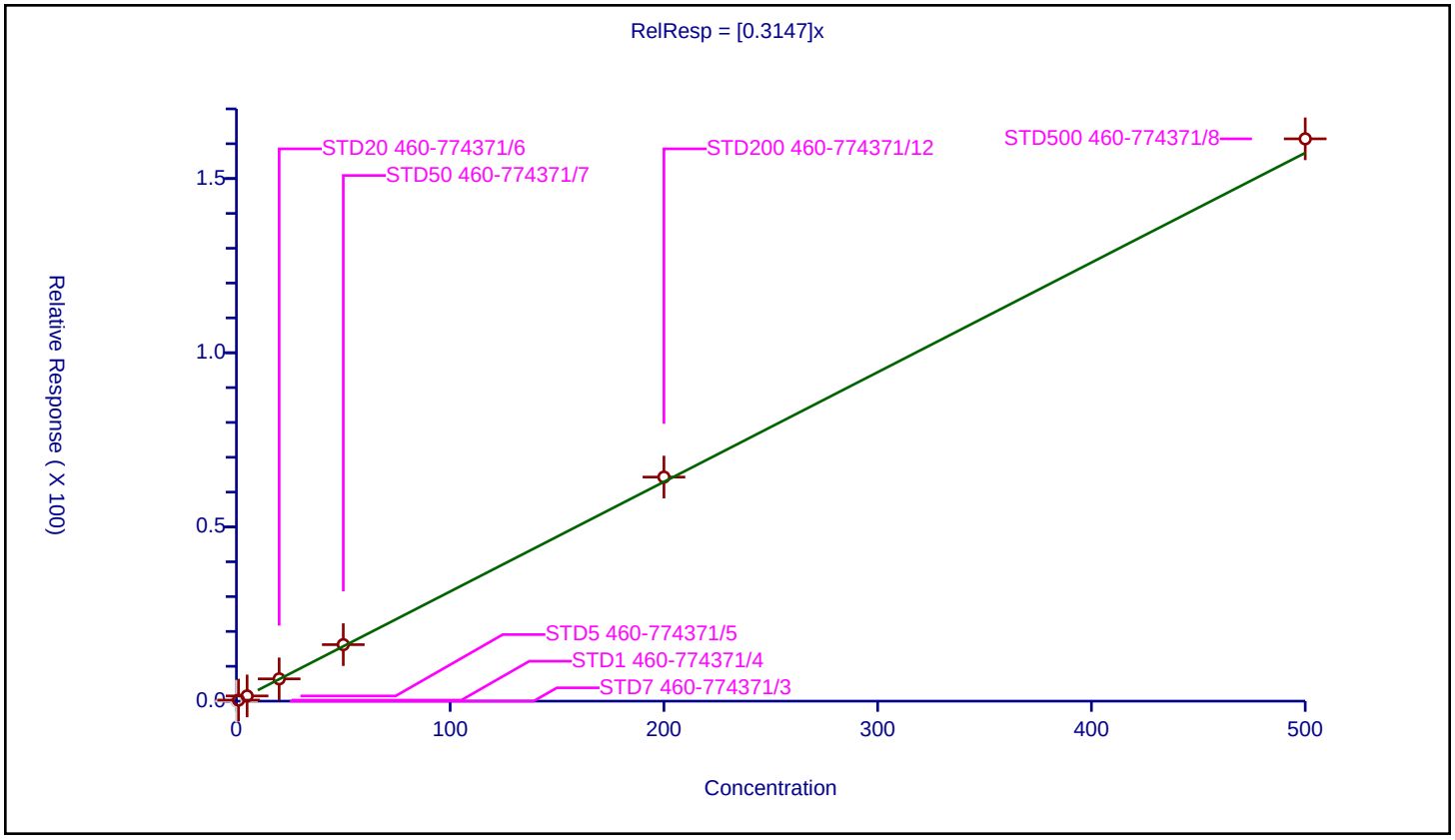
Curve Coefficients

Intercept:	0
Slope:	0.3147

Error Coefficients

Standard Error:	946000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0	0.30128	50.0	598280.0	0.30128	Y
3	STD5 460-774371/5	5.0	1.49356	50.0	589397.0	0.298712	Y
4	STD20 460-774371/6	20.0	6.395925	50.0	580565.0	0.319796	Y
5	STD50 460-774371/7	50.0	16.215686	50.0	580697.0	0.324314	Y
6	STD200 460-774371/12	200.0	64.310506	50.0	614255.0	0.321553	Y
7	STD500 460-774371/8	500.0	161.403013	50.0	604941.0	0.322806	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

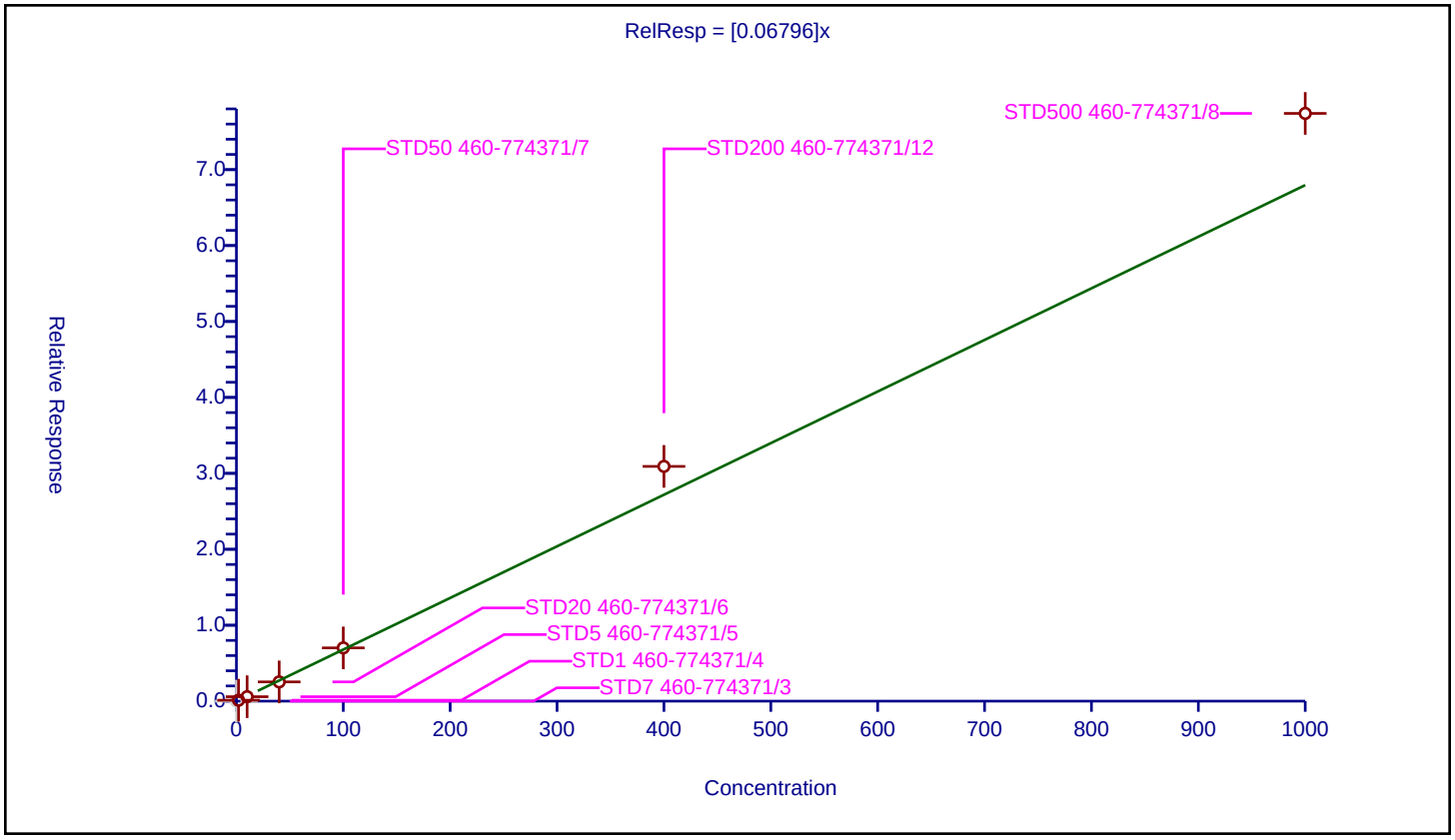
Curve Coefficients

Intercept:	0
Slope:	0.06796

Error Coefficients

Standard Error:	454000
Relative Standard Error:	12.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	2.0	0.121933	50.0	598280.0	0.060966	Y
3	STD5 460-774371/5	10.0	0.585514	50.0	589397.0	0.058551	Y
4	STD20 460-774371/6	40.0	2.535547	50.0	580565.0	0.063389	Y
5	STD50 460-774371/7	100.0	7.013899	50.0	580697.0	0.070139	Y
6	STD200 460-774371/12	400.0	30.917127	50.0	614255.0	0.077293	Y
7	STD500 460-774371/8	1000.0	77.404656	50.0	604941.0	0.077405	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

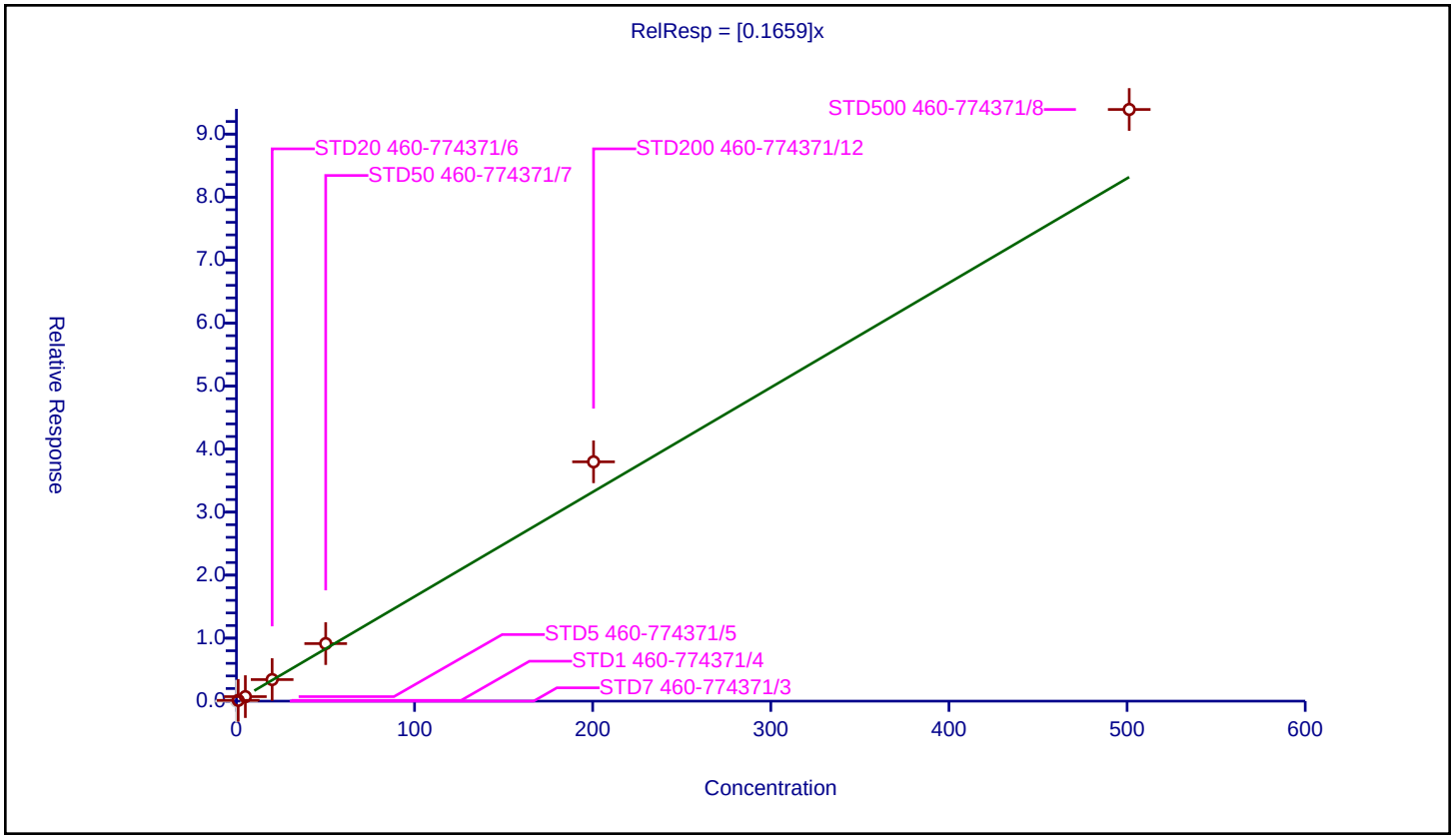
Curve Coefficients

Intercept:	0
Slope:	0.1659

Error Coefficients

Standard Error:	552000
Relative Standard Error:	16.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	596603.0	NaN	N
2	STD1 460-774371/4	1.0024	0.122852	50.0	598280.0	0.122558	Y
3	STD5 460-774371/5	5.012	0.718616	50.0	589397.0	0.143379	Y
4	STD20 460-774371/6	20.048	3.42227	50.0	580565.0	0.170704	Y
5	STD50 460-774371/7	50.12	9.132043	50.0	580697.0	0.182204	Y
6	STD200 460-774371/12	200.48	37.984225	50.0	614255.0	0.189466	Y
7	STD500 460-774371/8	501.2	93.907174	50.0	604941.0	0.187365	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

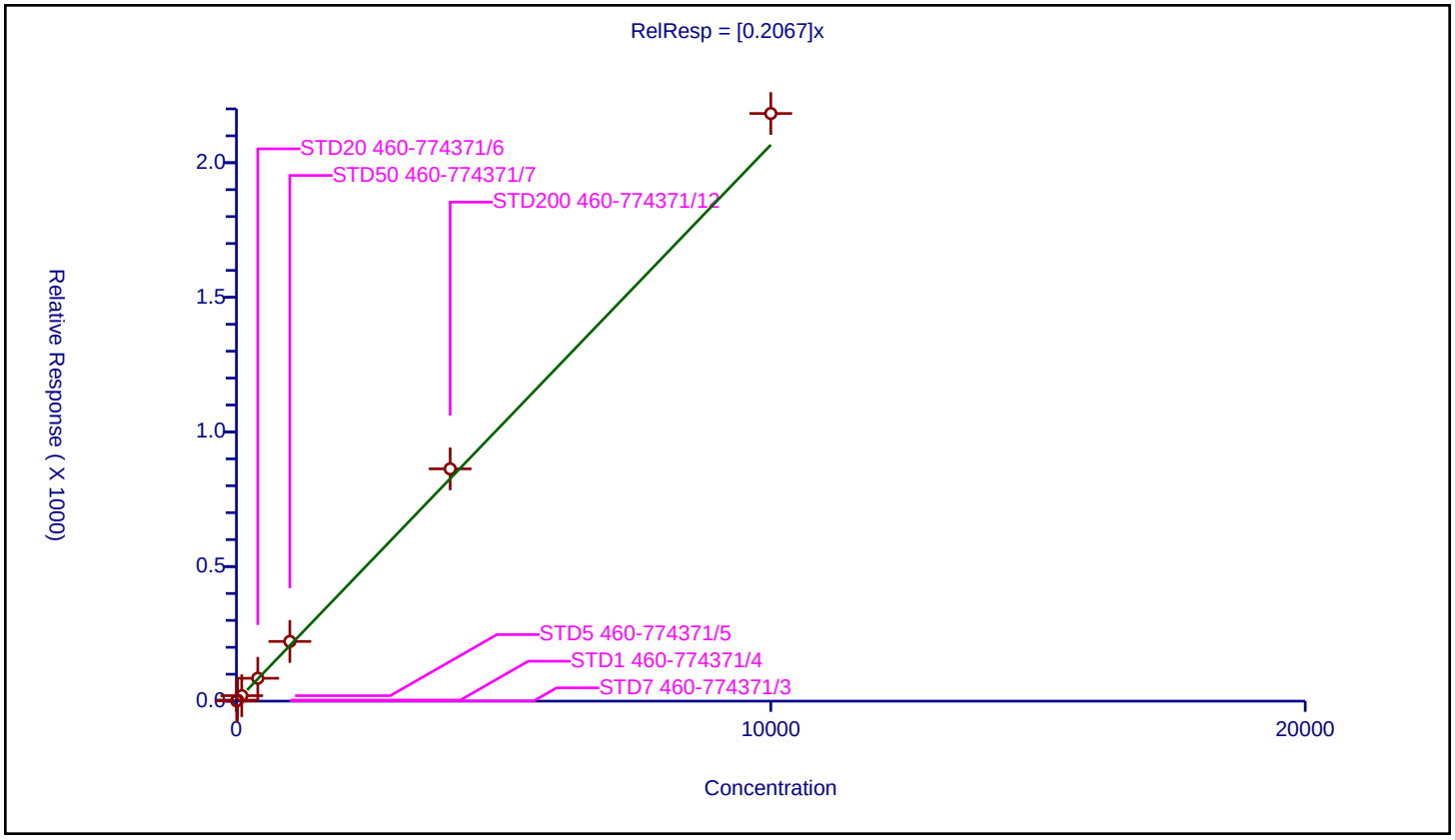
Curve Coefficients

Intercept:	0
Slope:	0.2067

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	5.000009	0.900675	250.0	344464.0	0.180135	Y
2	STD1 460-774371/4	20.000035	3.903736	250.0	337113.0	0.195186	Y
3	STD5 460-774371/5	100.000173	20.282073	250.0	333176.0	0.20282	Y
4	STD20 460-774371/6	400.000692	85.063065	250.0	342346.0	0.212657	Y
5	STD50 460-774371/7	1000.00173	221.797973	250.0	338114.0	0.221798	Y
6	STD200 460-774371/12	4000.00692	862.859973	250.0	362458.0	0.215715	Y
7	STD500 460-774371/8	10000.0173	2182.925391	250.0	339182.0	0.218292	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

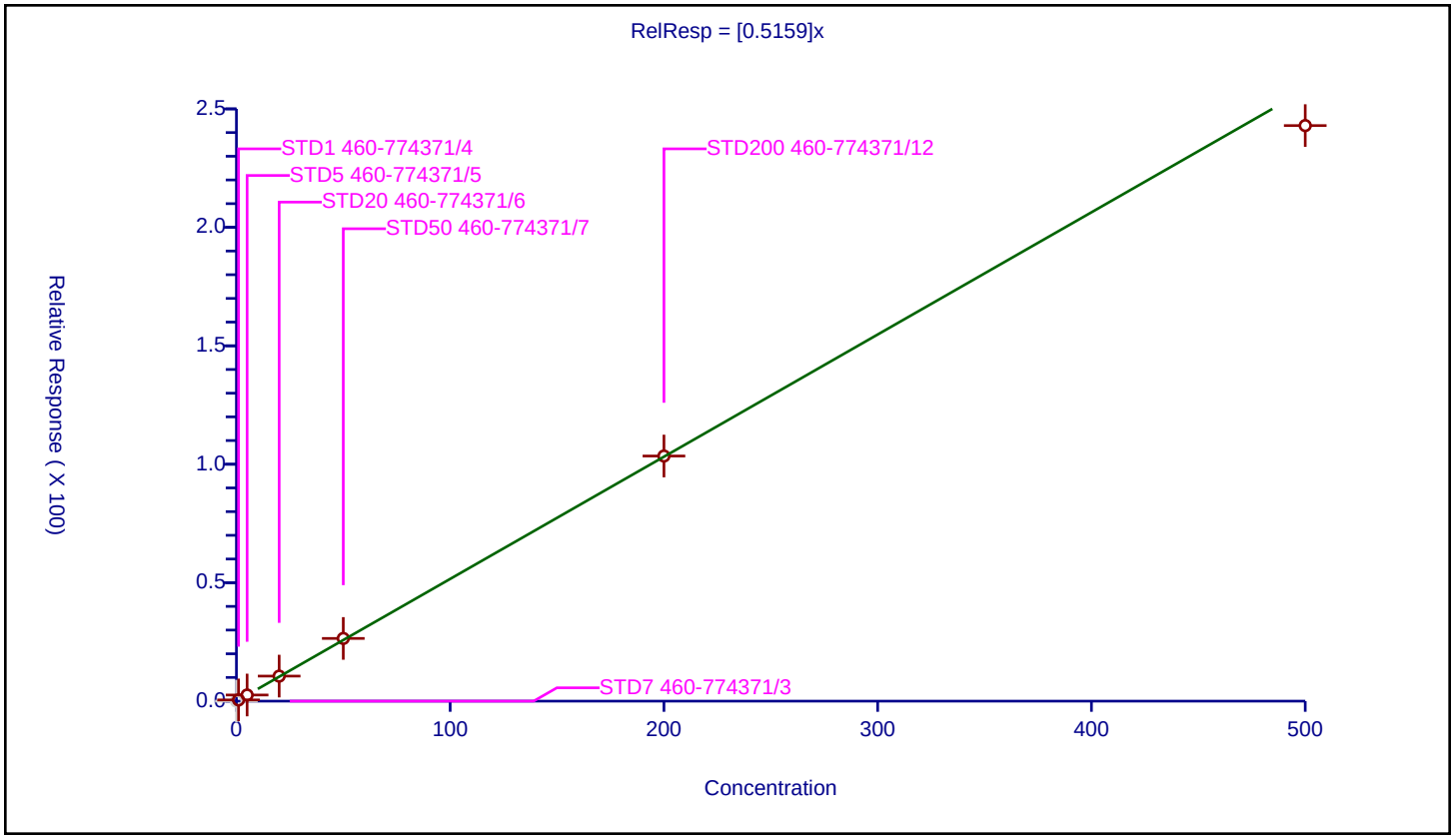
Curve Coefficients

Intercept:	0
Slope:	0.5159

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.51655	50.0	473236.0	0.51655	Y
3	STD5 460-774371/5	5.0	2.587996	50.0	473262.0	0.517599	Y
4	STD20 460-774371/6	20.0	10.568141	50.0	475921.0	0.528407	Y
5	STD50 460-774371/7	50.0	26.469746	50.0	482175.0	0.529395	Y
6	STD200 460-774371/12	200.0	103.47125	50.0	515794.0	0.517356	Y
7	STD500 460-774371/8	500.0	242.954807	50.0	520809.0	0.48591	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

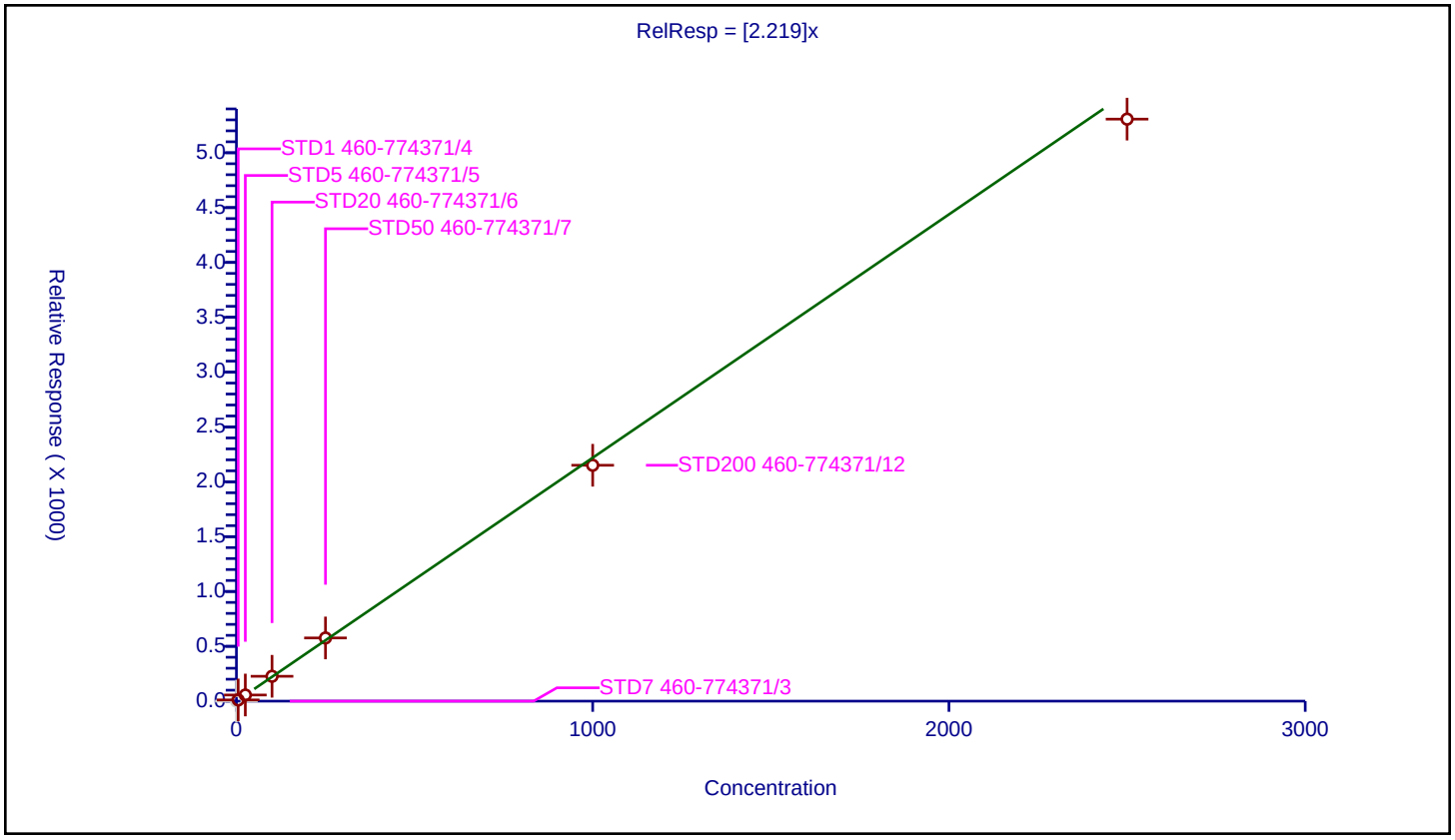
Curve Coefficients

Intercept:	0
Slope:	2.219

Error Coefficients

Standard Error:	3530000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	250.0	344464.0	NaN	N
2	STD1 460-774371/4	5.0	11.143889	250.0	337113.0	2.228778	Y
3	STD5 460-774371/5	25.0	56.025944	250.0	333176.0	2.241038	Y
4	STD20 460-774371/6	100.0	226.589474	250.0	342346.0	2.265895	Y
5	STD50 460-774371/7	250.0	576.151091	250.0	338114.0	2.304604	Y
6	STD200 460-774371/12	1000.0	2150.665043	250.0	362458.0	2.150665	Y
7	STD500 460-774371/8	2500.0	5306.656898	250.0	339182.0	2.122663	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

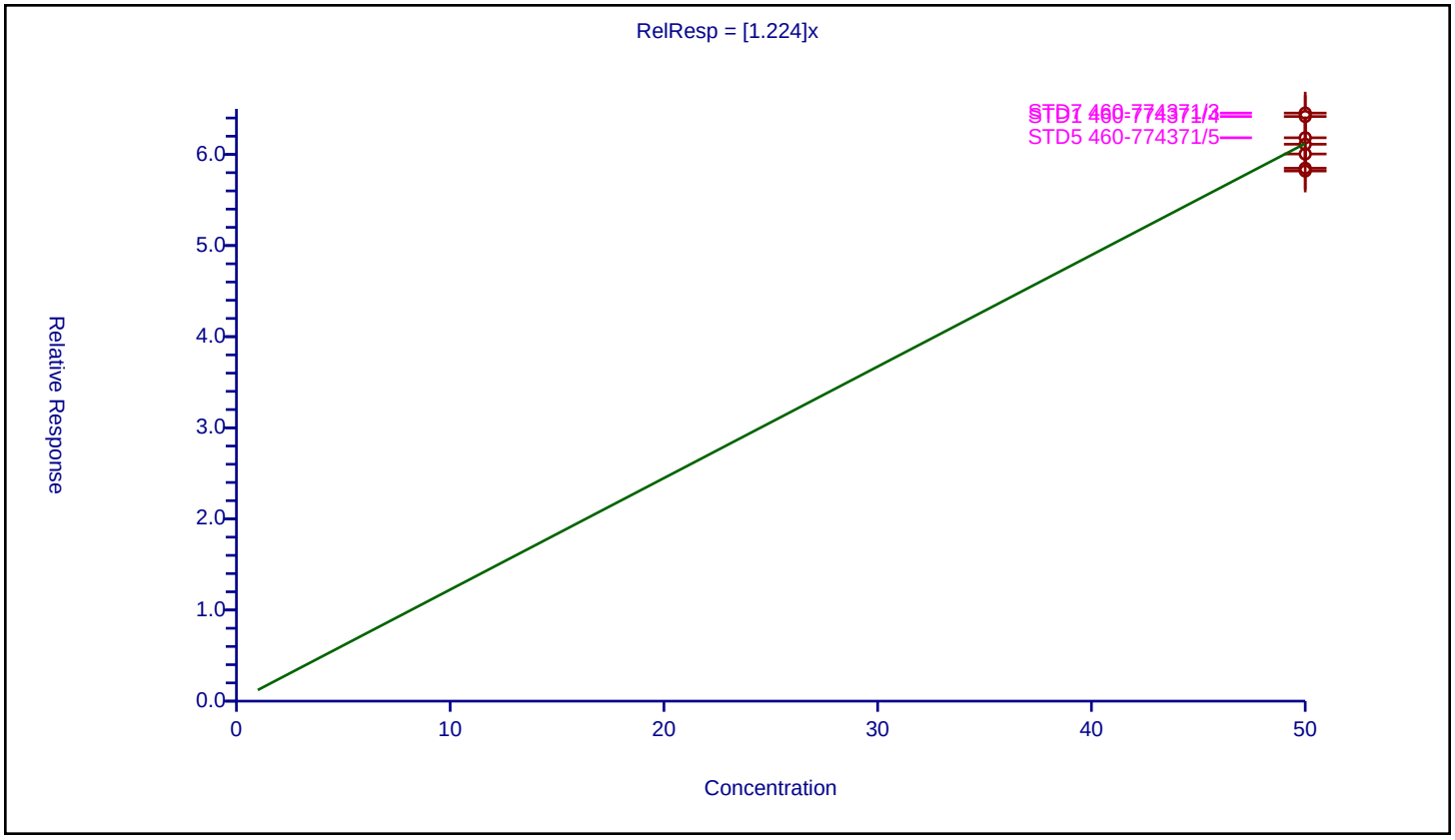
Curve Coefficients

Intercept:	0
Slope:	1.224

Error Coefficients

Standard Error:	644000
Relative Standard Error:	4.1
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	50.0	64.541258	50.0	472019.0	1.290825	Y
2	STD1 460-774371/4	50.0	64.164603	50.0	473236.0	1.283292	Y
3	STD5 460-774371/5	50.0	61.830762	50.0	473262.0	1.236615	Y
4	STD20 460-774371/6	50.0	61.120333	50.0	475921.0	1.222407	Y
5	STD50 460-774371/7	50.0	60.052574	50.0	482175.0	1.201051	Y
6	STD500 460-774371/8	50.0	58.486604	50.0	520809.0	1.169732	Y
7	STD200 460-774371/12	50.0	58.183984	50.0	515794.0	1.16368	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

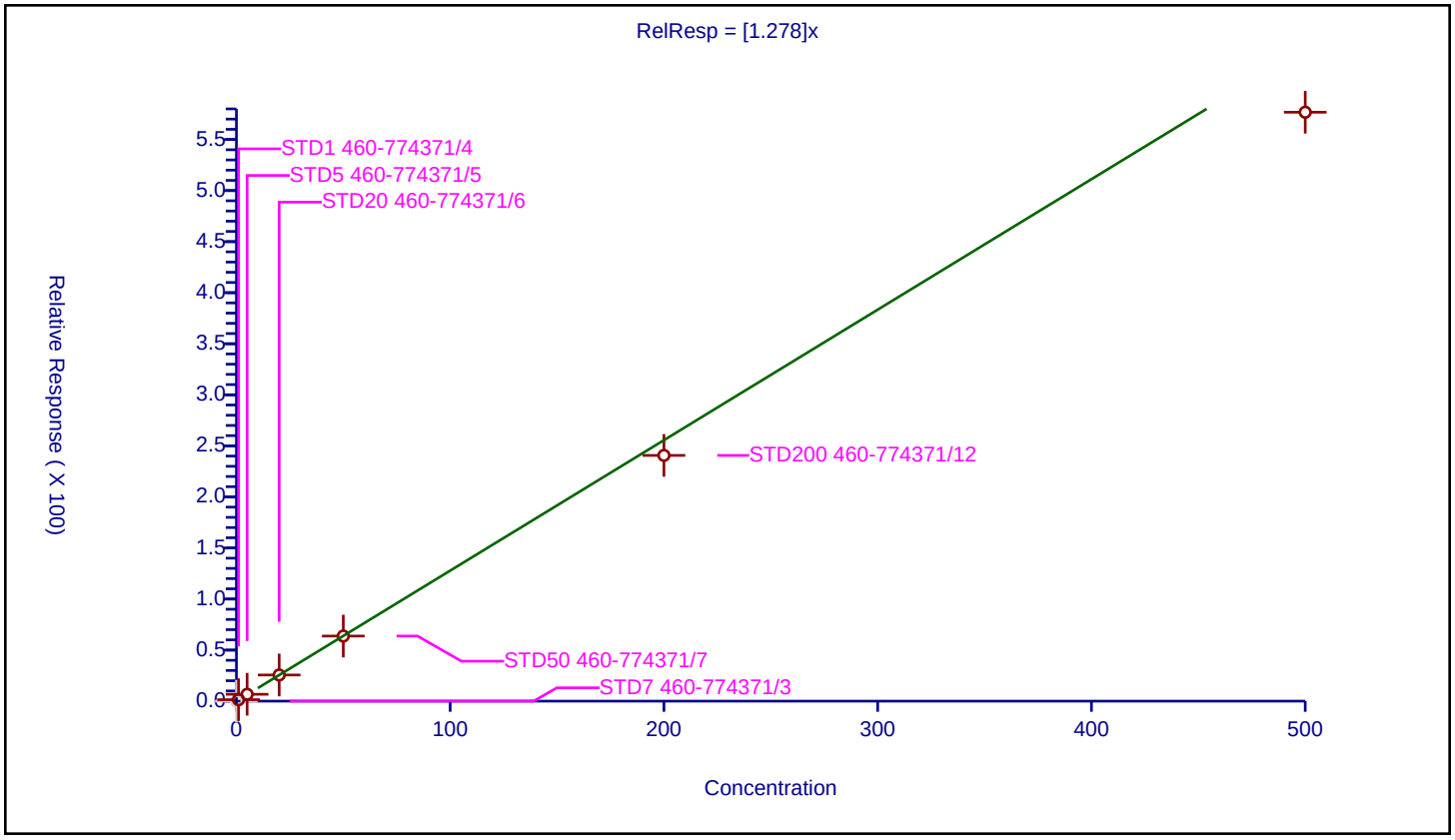
Curve Coefficients

Intercept:	0
Slope:	1.278

Error Coefficients

Standard Error:	2920000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	1.411664	50.0	473236.0	1.411664	Y
3	STD5 460-774371/5	5.0	6.718477	50.0	473262.0	1.343695	Y
4	STD20 460-774371/6	20.0	25.602358	50.0	475921.0	1.280118	Y
5	STD50 460-774371/7	50.0	63.746565	50.0	482175.0	1.274931	Y
6	STD200 460-774371/12	200.0	240.668949	50.0	515794.0	1.203345	Y
7	STD500 460-774371/8	500.0	576.745602	50.0	520809.0	1.153491	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

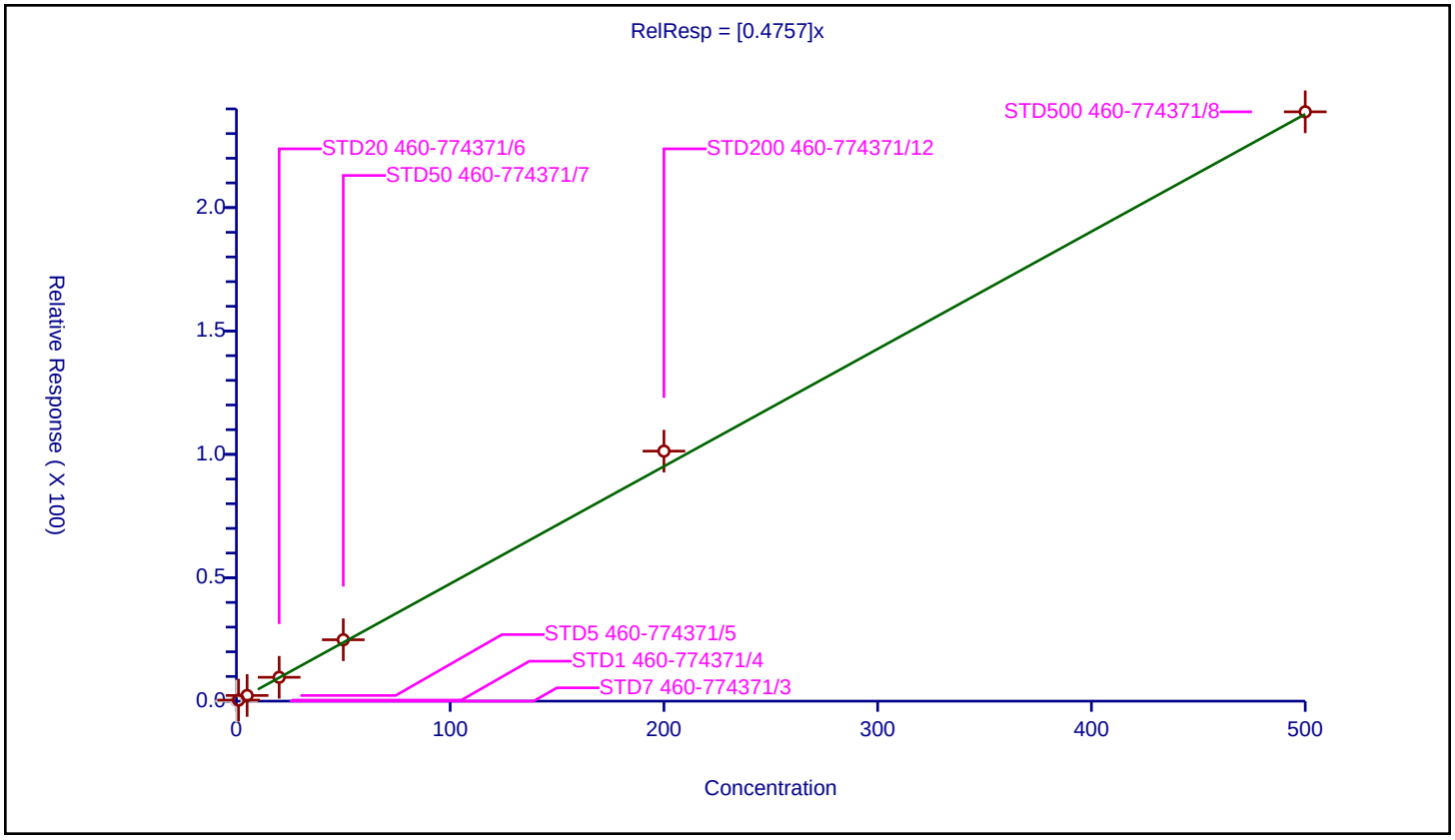
Curve Coefficients

Intercept:	0
Slope:	0.4757

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.431286	50.0	473236.0	0.431286	Y
3	STD5 460-774371/5	5.0	2.291226	50.0	473262.0	0.458245	Y
4	STD20 460-774371/6	20.0	9.66526	50.0	475921.0	0.483263	Y
5	STD50 460-774371/7	50.0	24.871572	50.0	482175.0	0.497431	Y
6	STD200 460-774371/12	200.0	101.316223	50.0	515794.0	0.506581	Y
7	STD500 460-774371/8	500.0	238.809045	50.0	520809.0	0.477618	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

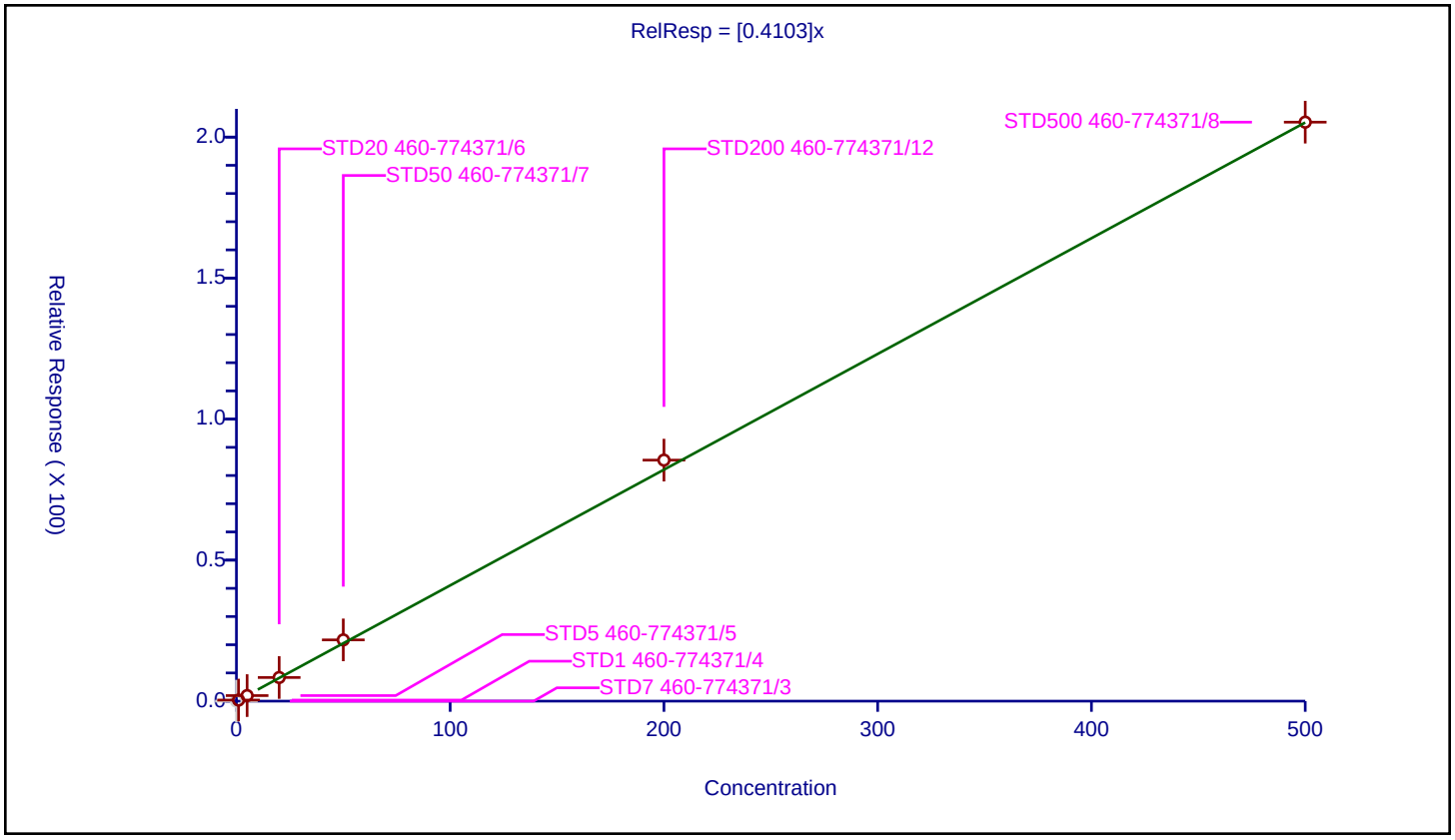
Curve Coefficients

Intercept:	0
Slope:	0.4103

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.37793	50.0	473236.0	0.37793	Y
3	STD5 460-774371/5	5.0	1.964345	50.0	473262.0	0.392869	Y
4	STD20 460-774371/6	20.0	8.382799	50.0	475921.0	0.41914	Y
5	STD50 460-774371/7	50.0	21.712552	50.0	482175.0	0.434251	Y
6	STD200 460-774371/12	200.0	85.460765	50.0	515794.0	0.427304	Y
7	STD500 460-774371/8	500.0	205.293495	50.0	520809.0	0.410587	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

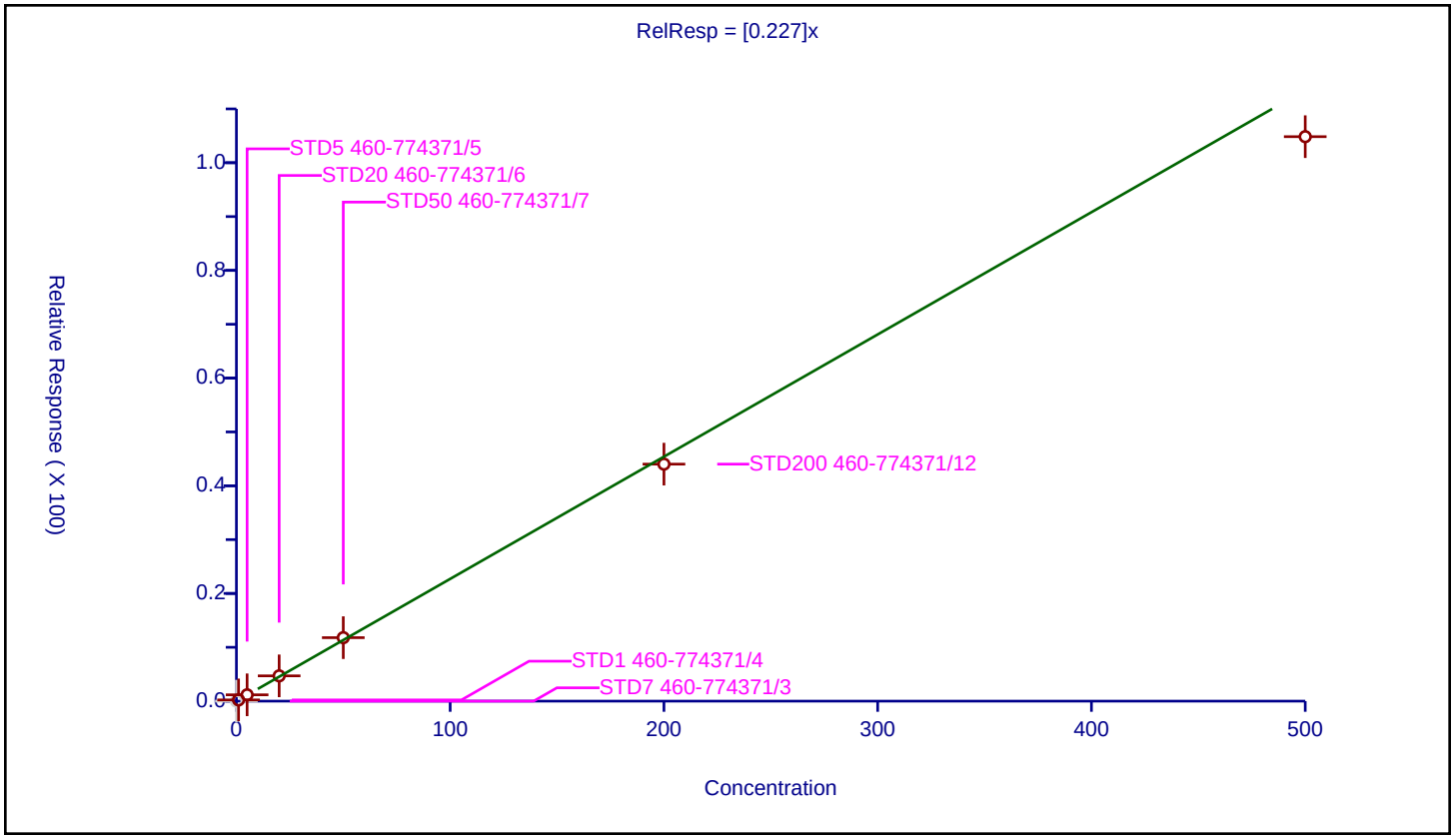
Curve Coefficients

Intercept:	0
Slope:	0.227

Error Coefficients

Standard Error:	532000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.226525	50.0	473236.0	0.226525	Y
3	STD5 460-774371/5	5.0	1.176198	50.0	473262.0	0.23524	Y
4	STD20 460-774371/6	20.0	4.695632	50.0	475921.0	0.234782	Y
5	STD50 460-774371/7	50.0	11.790325	50.0	482175.0	0.235807	Y
6	STD200 460-774371/12	200.0	44.020093	50.0	515794.0	0.2201	Y
7	STD500 460-774371/8	500.0	104.83949	50.0	520809.0	0.209679	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

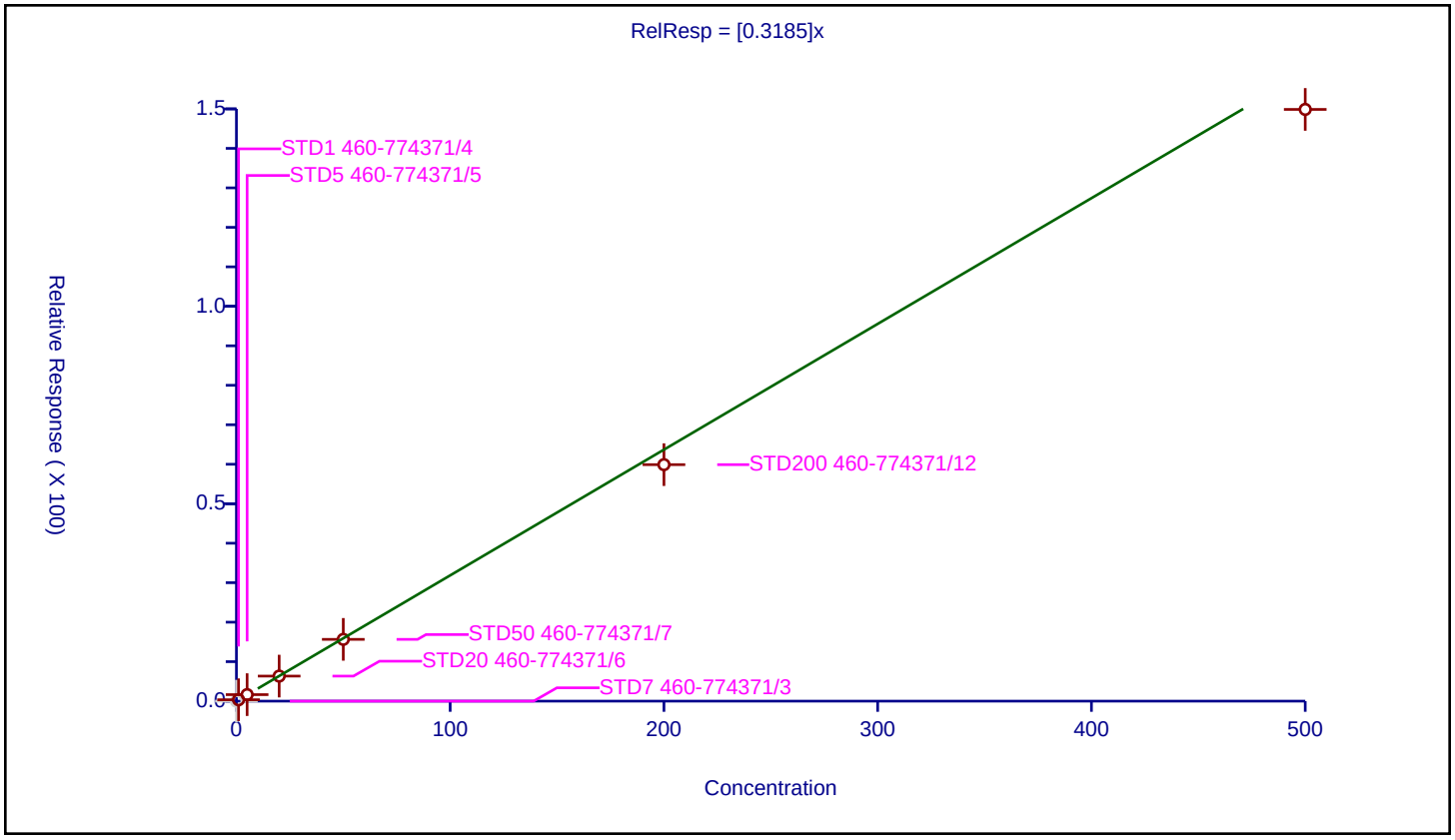
Curve Coefficients

Intercept:	0
Slope:	0.3185

Error Coefficients

Standard Error:	754000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.351305	50.0	473236.0	0.351305	Y
3	STD5 460-774371/5	5.0	1.650143	50.0	473262.0	0.330029	Y
4	STD20 460-774371/6	20.0	6.347482	50.0	475921.0	0.317374	Y
5	STD50 460-774371/7	50.0	15.645253	50.0	482175.0	0.312905	Y
6	STD200 460-774371/12	200.0	59.897944	50.0	515794.0	0.29949	Y
7	STD500 460-774371/8	500.0	149.86425	50.0	520809.0	0.299728	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

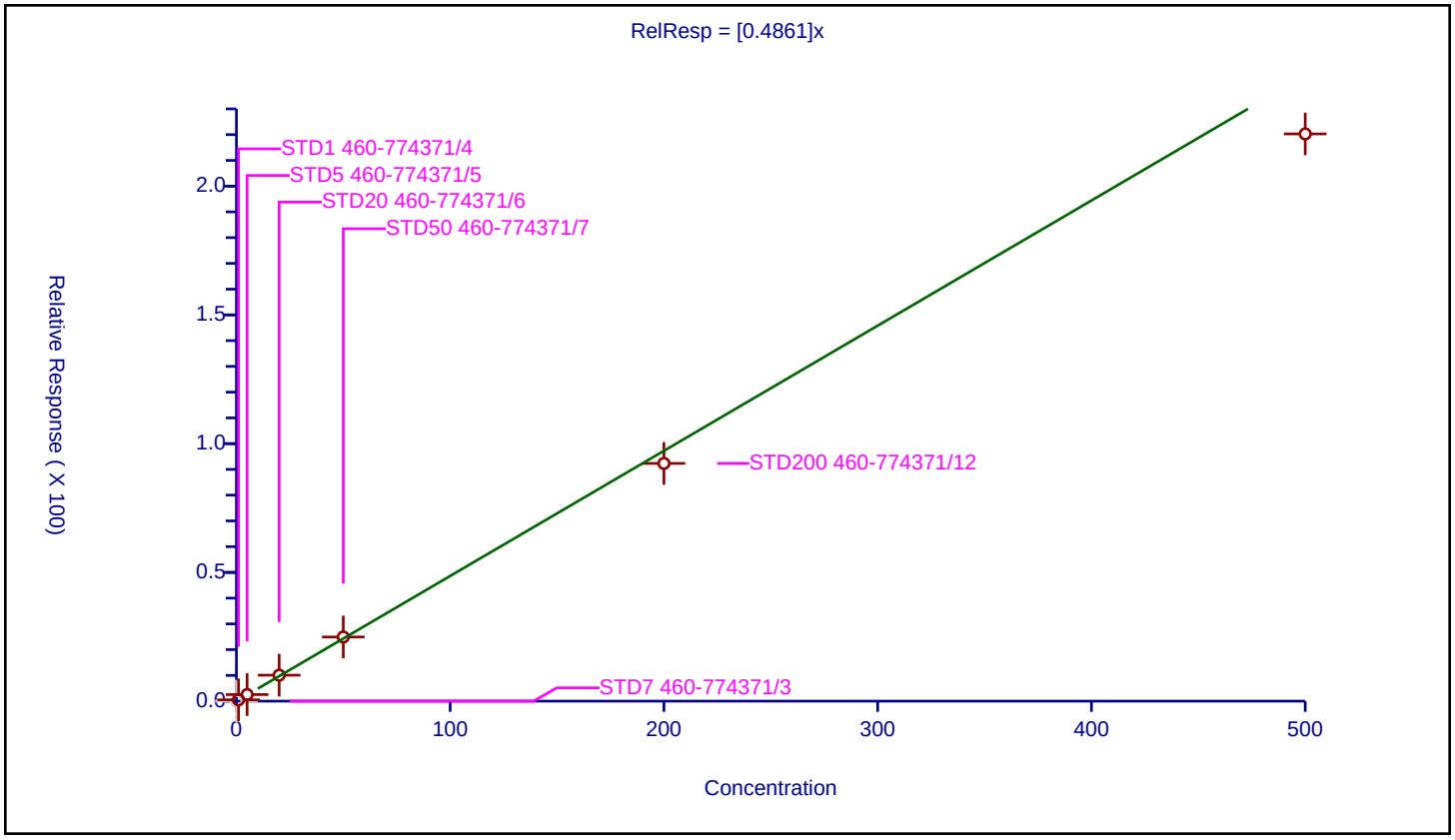
Curve Coefficients

Intercept:	0
Slope:	0.4861

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.502181	50.0	473236.0	0.502181	Y
3	STD5 460-774371/5	5.0	2.54806	50.0	473262.0	0.509612	Y
4	STD20 460-774371/6	20.0	10.083291	50.0	475921.0	0.504165	Y
5	STD50 460-774371/7	50.0	24.910873	50.0	482175.0	0.498217	Y
6	STD200 460-774371/12	200.0	92.318639	50.0	515794.0	0.461593	Y
7	STD500 460-774371/8	500.0	220.275955	50.0	520809.0	0.440552	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

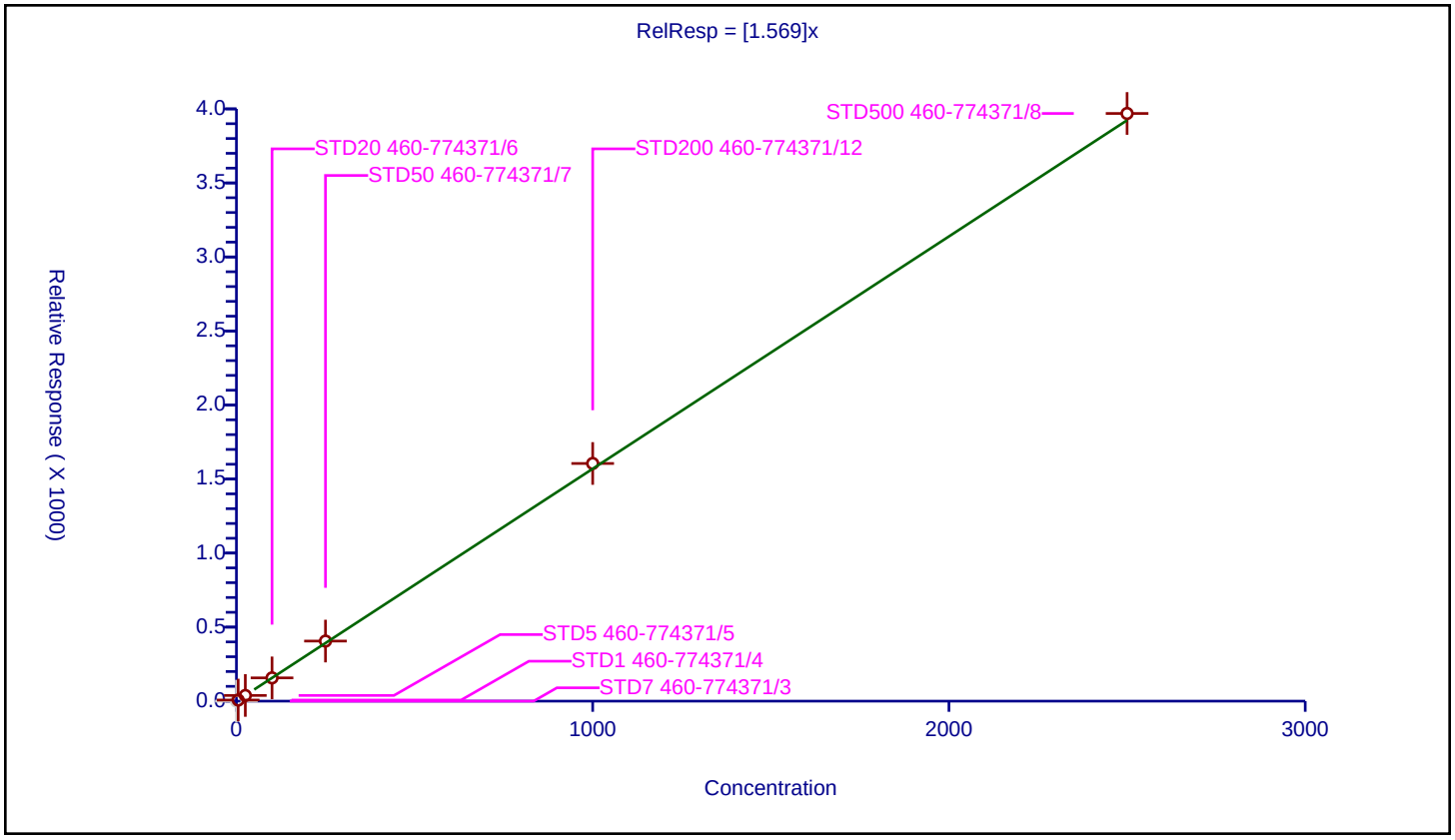
Curve Coefficients

Intercept:	0
Slope:	1.569

Error Coefficients

Standard Error:	2630000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	250.0	344464.0	NaN	N
2	STD1 460-774371/4	5.0	7.447799	250.0	337113.0	1.48956	Y
3	STD5 460-774371/5	25.0	38.464655	250.0	333176.0	1.538586	Y
4	STD20 460-774371/6	100.0	157.169939	250.0	342346.0	1.571699	Y
5	STD50 460-774371/7	250.0	405.793608	250.0	338114.0	1.623174	Y
6	STD200 460-774371/12	1000.0	1605.132871	250.0	362458.0	1.605133	Y
7	STD500 460-774371/8	2500.0	3969.021057	250.0	339182.0	1.587608	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

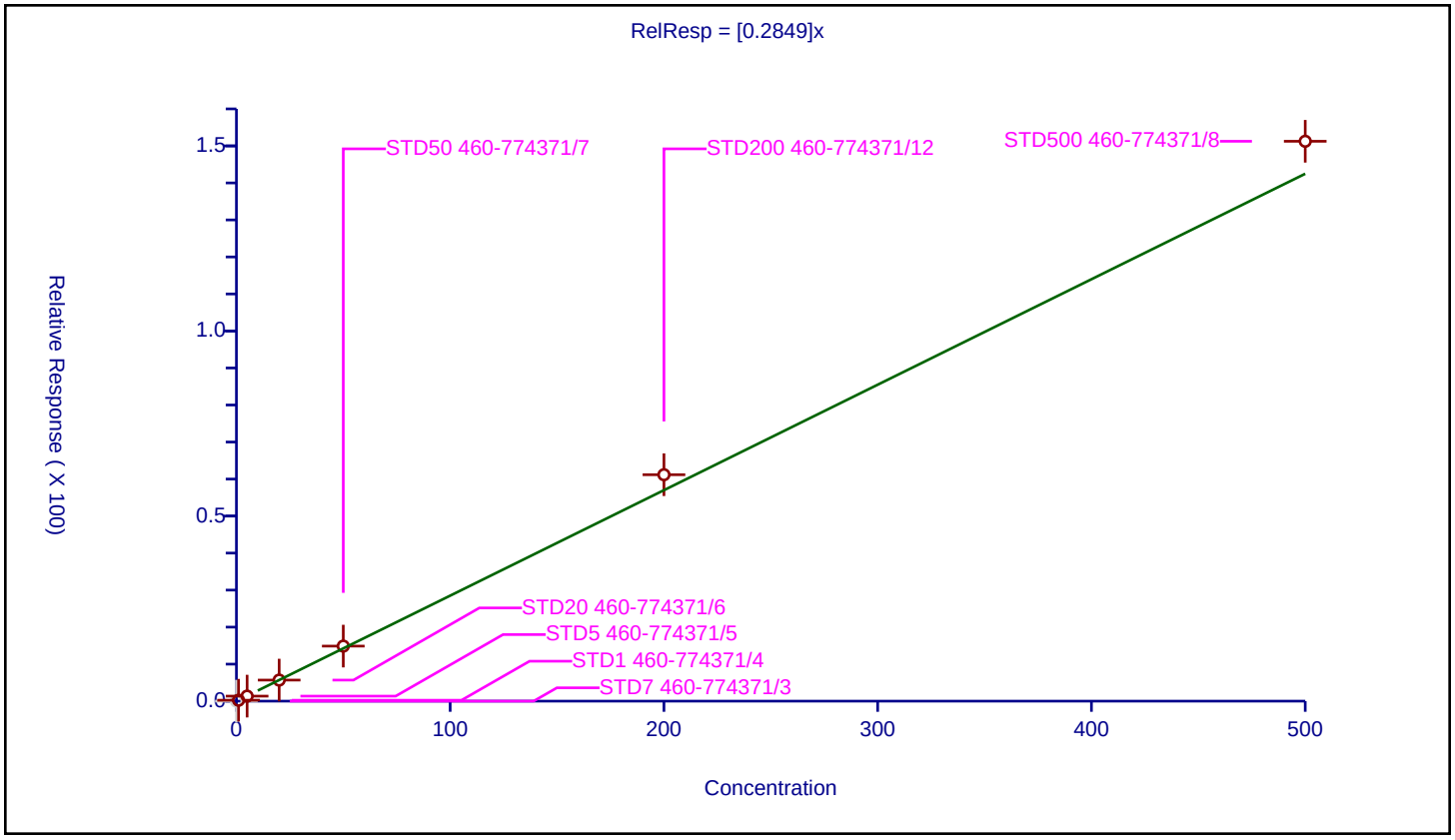
Curve Coefficients

Intercept:	0
Slope:	0.2849

Error Coefficients

Standard Error:	762000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.247657	50.0	473236.0	0.247657	Y
3	STD5 460-774371/5	5.0	1.359184	50.0	473262.0	0.271837	Y
4	STD20 460-774371/6	20.0	5.68981	50.0	475921.0	0.28449	Y
5	STD50 460-774371/7	50.0	14.866801	50.0	482175.0	0.297336	Y
6	STD200 460-774371/12	200.0	61.172871	50.0	515794.0	0.305864	Y
7	STD500 460-774371/8	500.0	151.252379	50.0	520809.0	0.302505	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

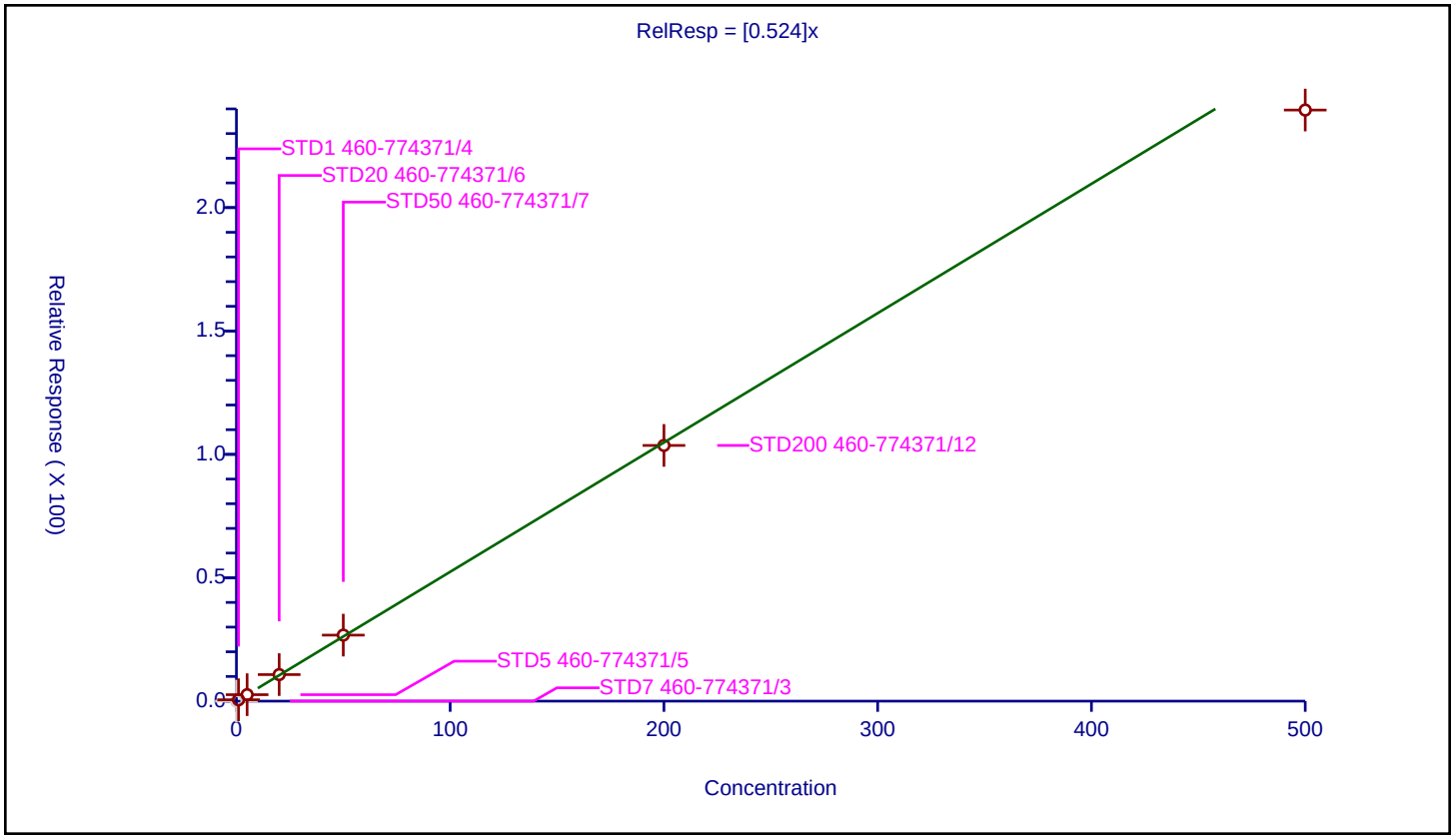
Curve Coefficients

Intercept:	0
Slope:	0.524

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.551628	50.0	473236.0	0.551628	Y
3	STD5 460-774371/5	5.0	2.614091	50.0	473262.0	0.522818	Y
4	STD20 460-774371/6	20.0	10.754621	50.0	475921.0	0.537731	Y
5	STD50 460-774371/7	50.0	26.745891	50.0	482175.0	0.534918	Y
6	STD200 460-774371/12	200.0	103.62005	50.0	515794.0	0.5181	Y
7	STD500 460-774371/8	500.0	239.532823	50.0	520809.0	0.479066	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

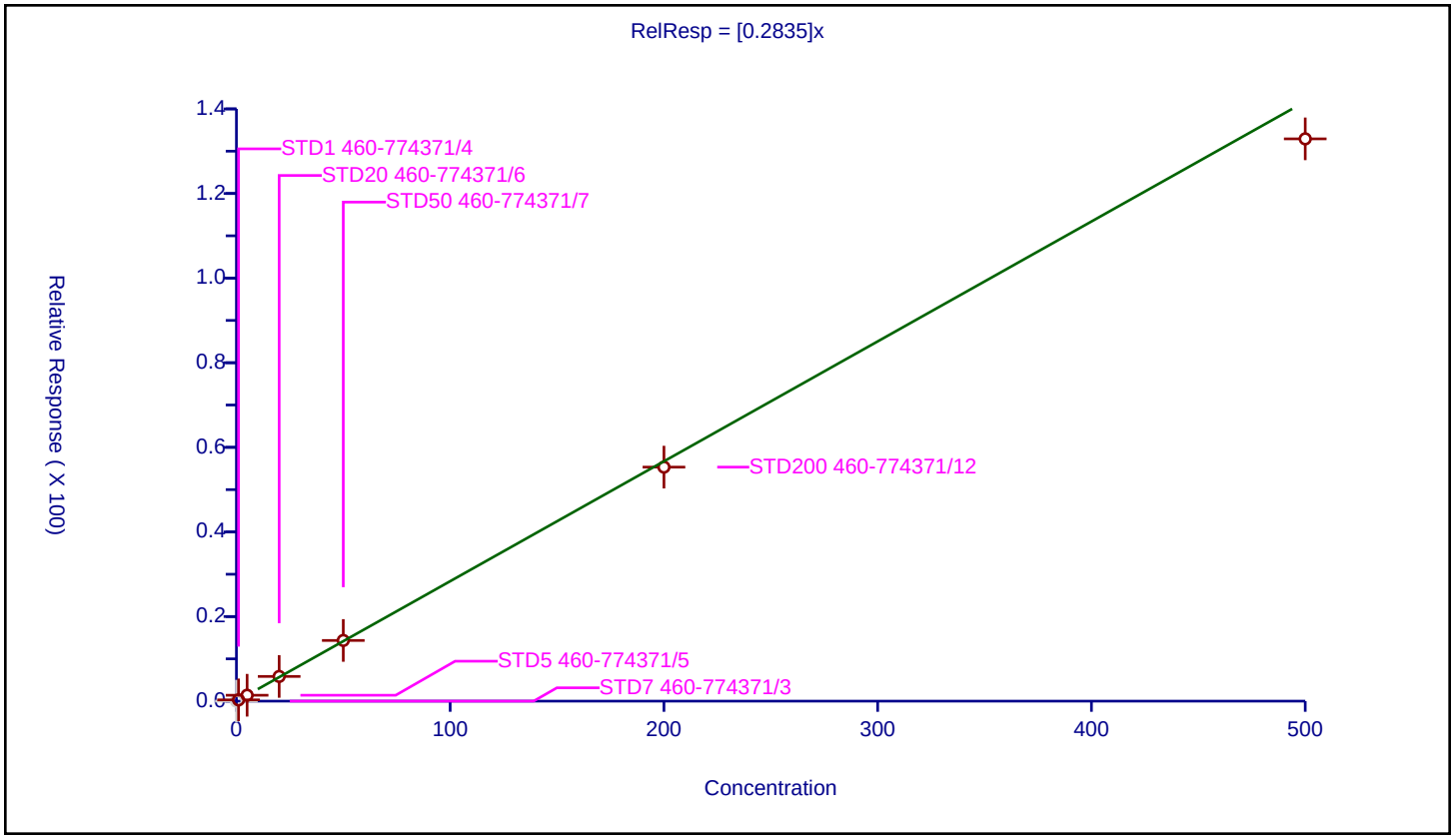
Curve Coefficients

Intercept:	0
Slope:	0.2835

Error Coefficients

Standard Error:	673000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.300379	50.0	473236.0	0.300379	Y
3	STD5 460-774371/5	5.0	1.395105	50.0	473262.0	0.279021	Y
4	STD20 460-774371/6	20.0	5.839204	50.0	475921.0	0.29196	Y
5	STD50 460-774371/7	50.0	14.347799	50.0	482175.0	0.286956	Y
6	STD200 460-774371/12	200.0	55.318111	50.0	515794.0	0.276591	Y
7	STD500 460-774371/8	500.0	132.915234	50.0	520809.0	0.26583	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

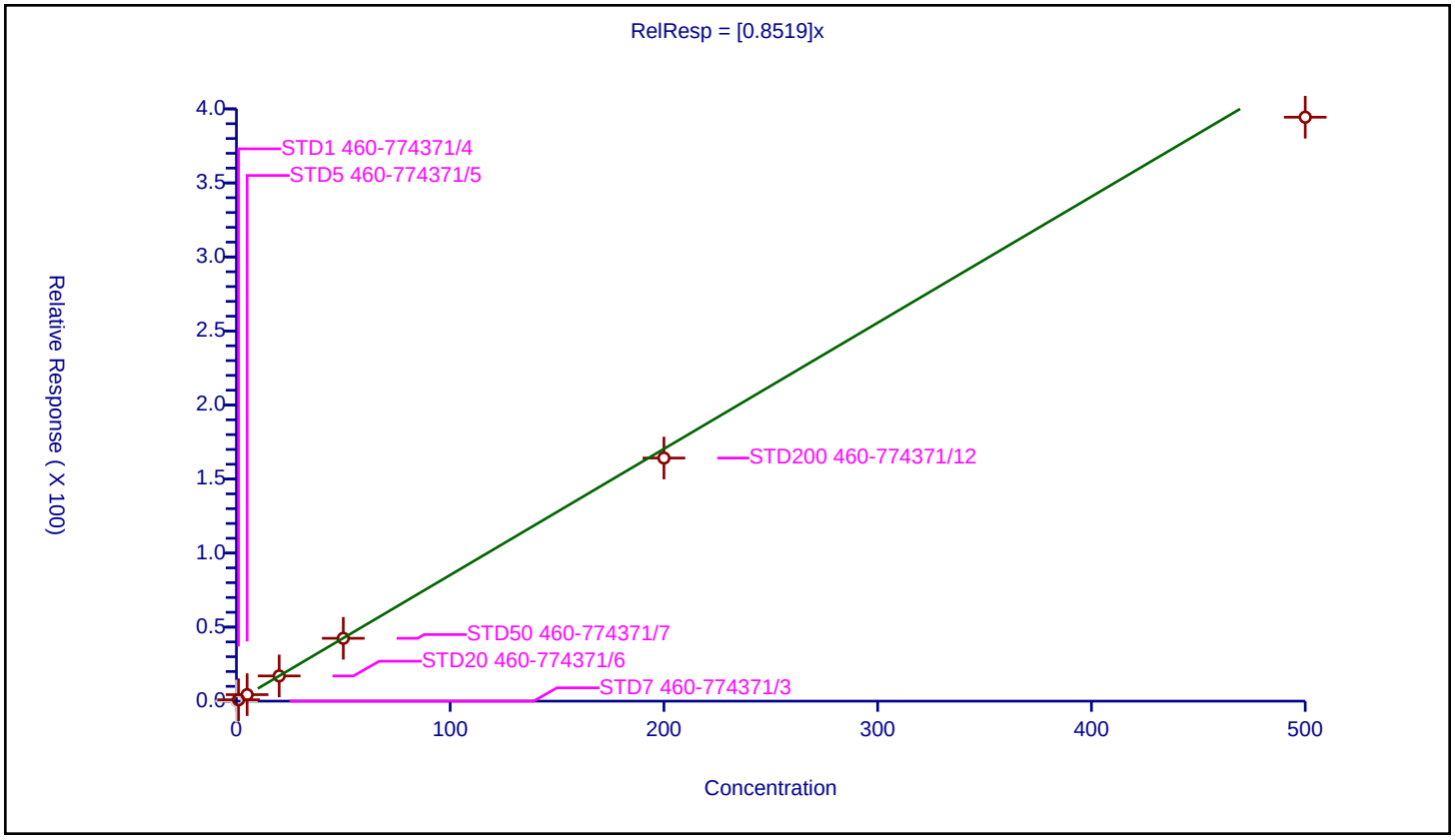
Curve Coefficients

Intercept:	0
Slope:	0.8519

Error Coefficients

Standard Error:	2000000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.925225	50.0	473236.0	0.925225	Y
3	STD5 460-774371/5	5.0	4.379181	50.0	473262.0	0.875836	Y
4	STD20 460-774371/6	20.0	17.030663	50.0	475921.0	0.851533	Y
5	STD50 460-774371/7	50.0	42.443822	50.0	482175.0	0.848876	Y
6	STD200 460-774371/12	200.0	164.183376	50.0	515794.0	0.820917	Y
7	STD500 460-774371/8	500.0	394.395258	50.0	520809.0	0.788791	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

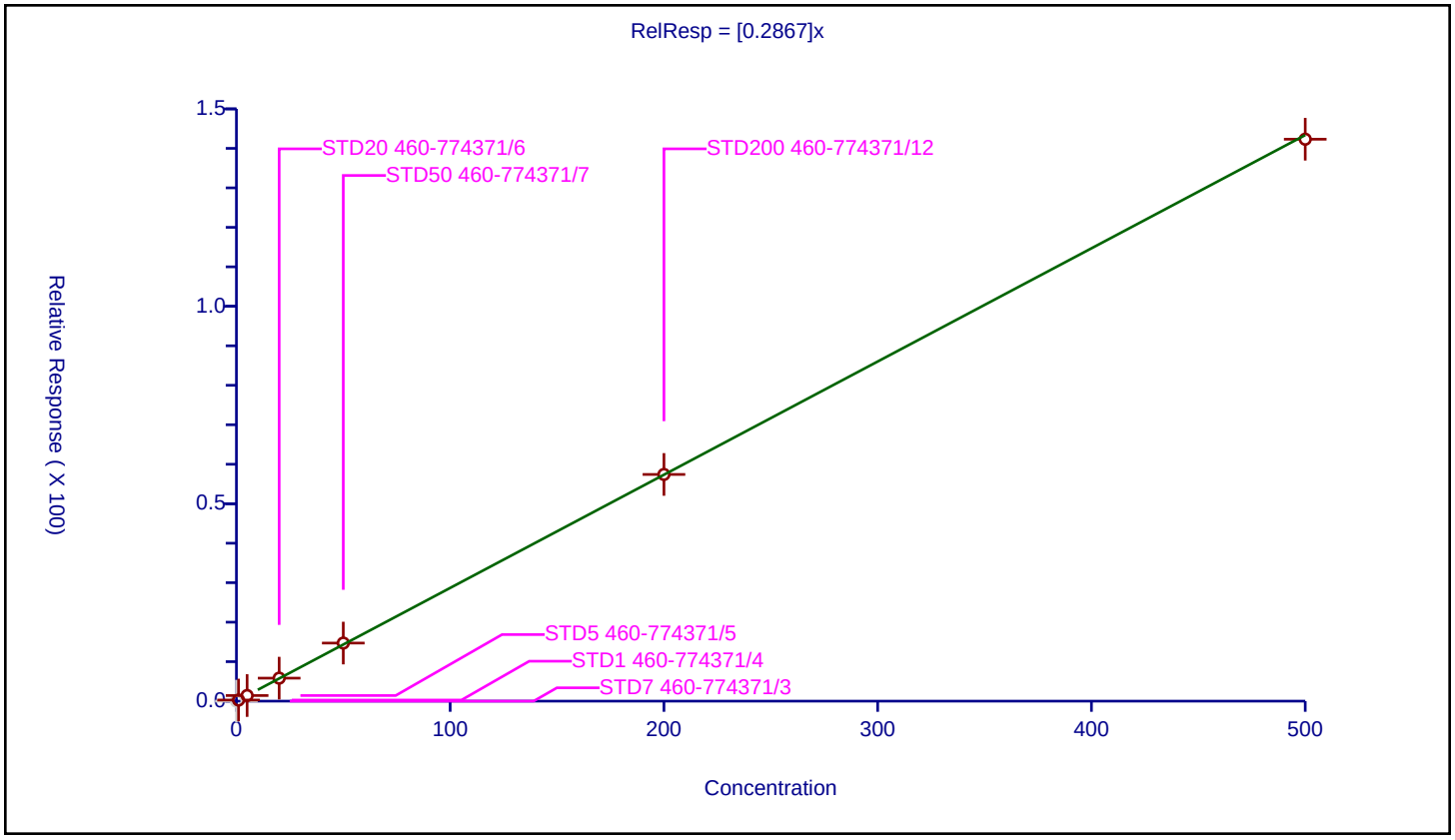
Curve Coefficients

Intercept:	0
Slope:	0.2867

Error Coefficients

Standard Error:	717000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.278508	50.0	473236.0	0.278508	Y
3	STD5 460-774371/5	5.0	1.422468	50.0	473262.0	0.284494	Y
4	STD20 460-774371/6	20.0	5.827333	50.0	475921.0	0.291367	Y
5	STD50 460-774371/7	50.0	14.711982	50.0	482175.0	0.29424	Y
6	STD200 460-774371/12	200.0	57.418369	50.0	515794.0	0.287092	Y
7	STD500 460-774371/8	500.0	142.315129	50.0	520809.0	0.28463	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

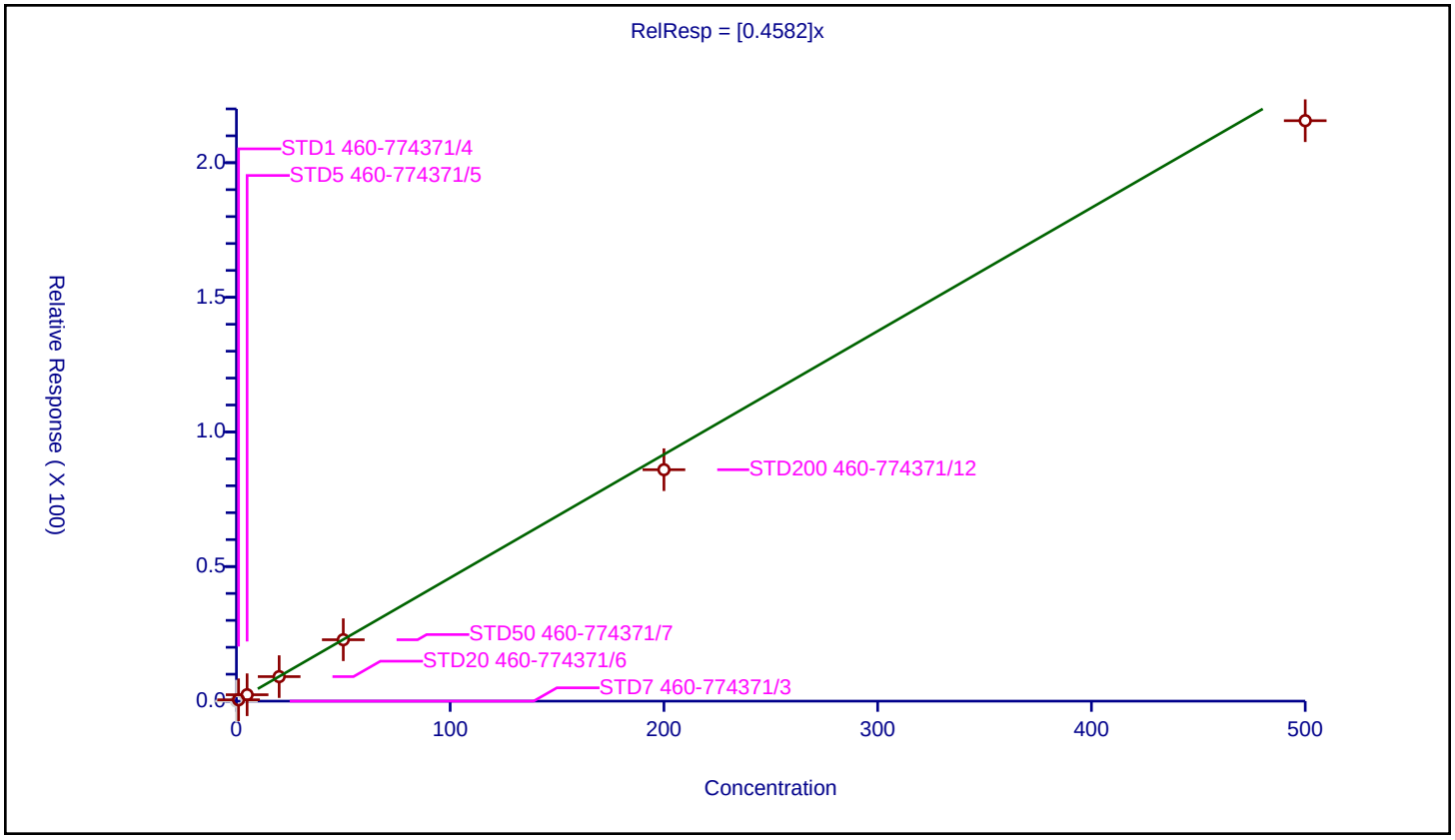
Curve Coefficients

Intercept:	0
Slope:	0.4582

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.500702	50.0	473236.0	0.500702	Y
3	STD5 460-774371/5	5.0	2.37807	50.0	473262.0	0.475614	Y
4	STD20 460-774371/6	20.0	9.110966	50.0	475921.0	0.455548	Y
5	STD50 460-774371/7	50.0	22.810287	50.0	482175.0	0.456206	Y
6	STD200 460-774371/12	200.0	85.968138	50.0	515794.0	0.429841	Y
7	STD500 460-774371/8	500.0	215.618202	50.0	520809.0	0.431236	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

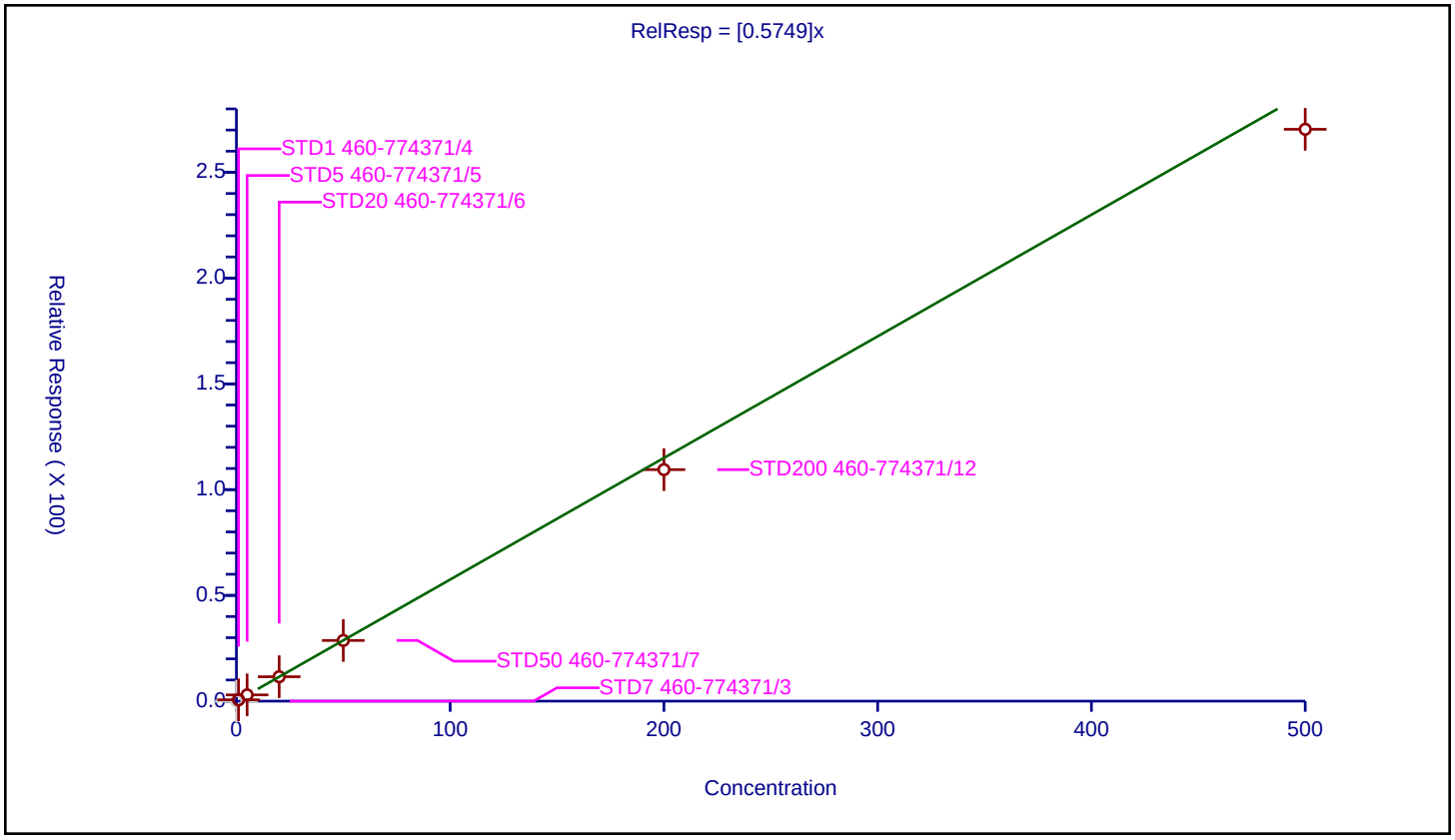
Curve Coefficients

Intercept:	0
Slope:	0.5749

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.618719	50.0	473236.0	0.618719	Y
3	STD5 460-774371/5	5.0	2.958192	50.0	473262.0	0.591638	Y
4	STD20 460-774371/6	20.0	11.545088	50.0	475921.0	0.577254	Y
5	STD50 460-774371/7	50.0	28.688236	50.0	482175.0	0.573765	Y
6	STD200 460-774371/12	200.0	109.451157	50.0	515794.0	0.547256	Y
7	STD500 460-774371/8	500.0	270.350455	50.0	520809.0	0.540701	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

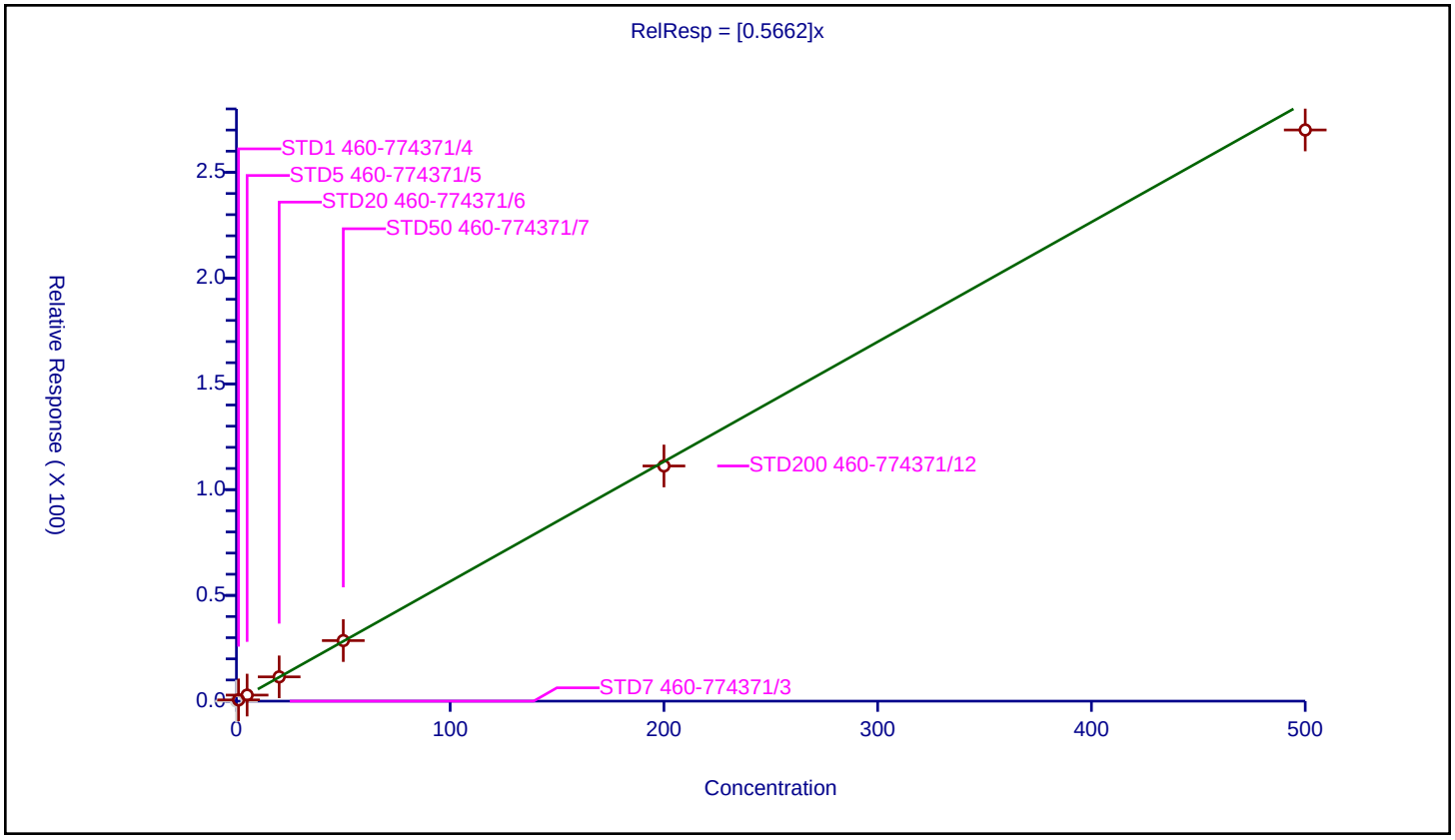
Curve Coefficients

Intercept:	0
Slope:	0.5662

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.581528	50.0	473236.0	0.581528	Y
3	STD5 460-774371/5	5.0	2.865643	50.0	473262.0	0.573129	Y
4	STD20 460-774371/6	20.0	11.479636	50.0	475921.0	0.573982	Y
5	STD50 460-774371/7	50.0	28.63338	50.0	482175.0	0.572668	Y
6	STD200 460-774371/12	200.0	111.181984	50.0	515794.0	0.55591	Y
7	STD500 460-774371/8	500.0	270.044104	50.0	520809.0	0.540088	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

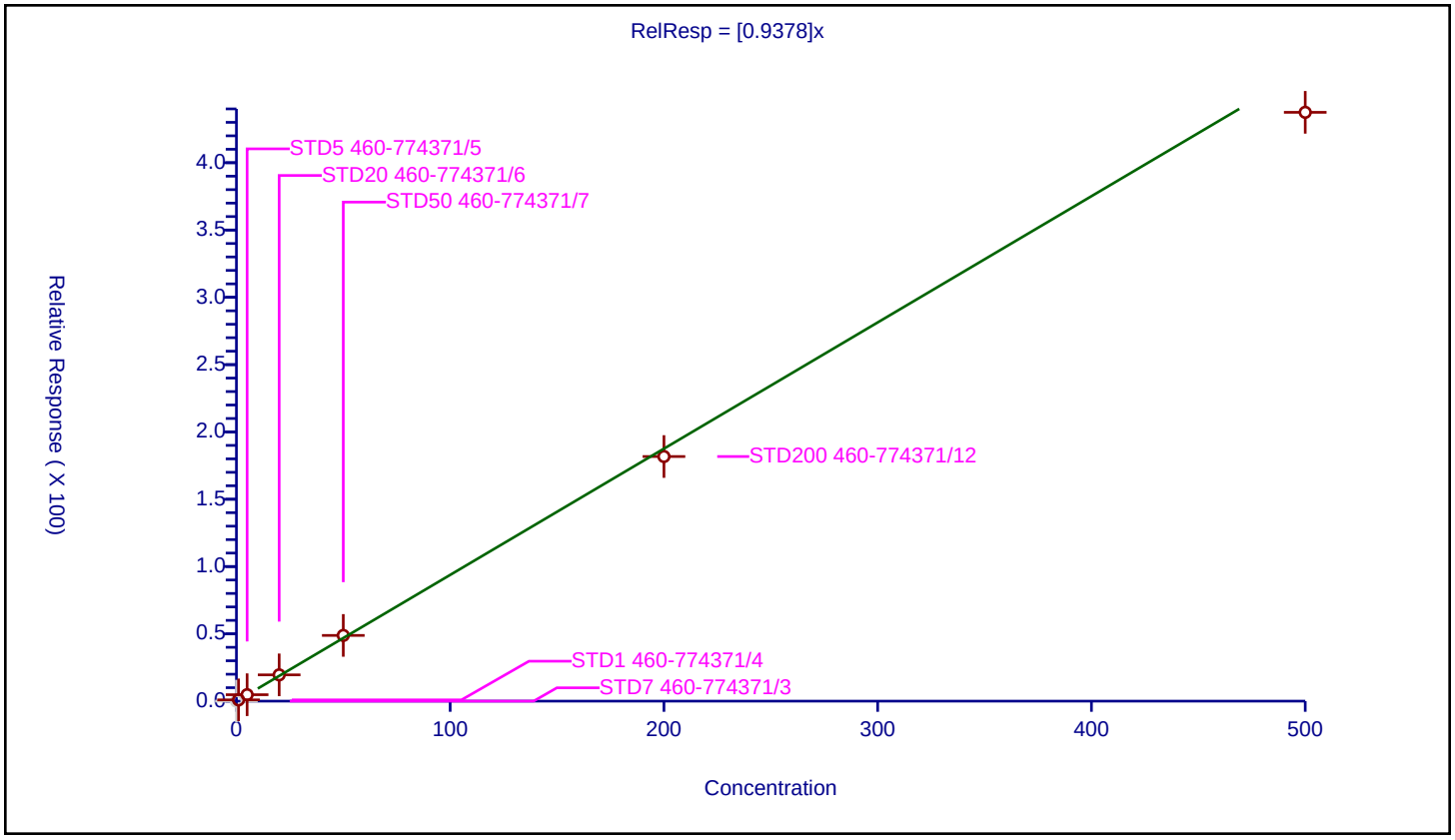
Curve Coefficients

Intercept:	0
Slope:	0.9378

Error Coefficients

Standard Error:	2210000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.935474	50.0	473236.0	0.935474	Y
3	STD5 460-774371/5	5.0	4.776952	50.0	473262.0	0.95539	Y
4	STD20 460-774371/6	20.0	19.523198	50.0	475921.0	0.97616	Y
5	STD50 460-774371/7	50.0	48.822419	50.0	482175.0	0.976448	Y
6	STD200 460-774371/12	200.0	181.727007	50.0	515794.0	0.908635	Y
7	STD500 460-774371/8	500.0	437.455862	50.0	520809.0	0.874912	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

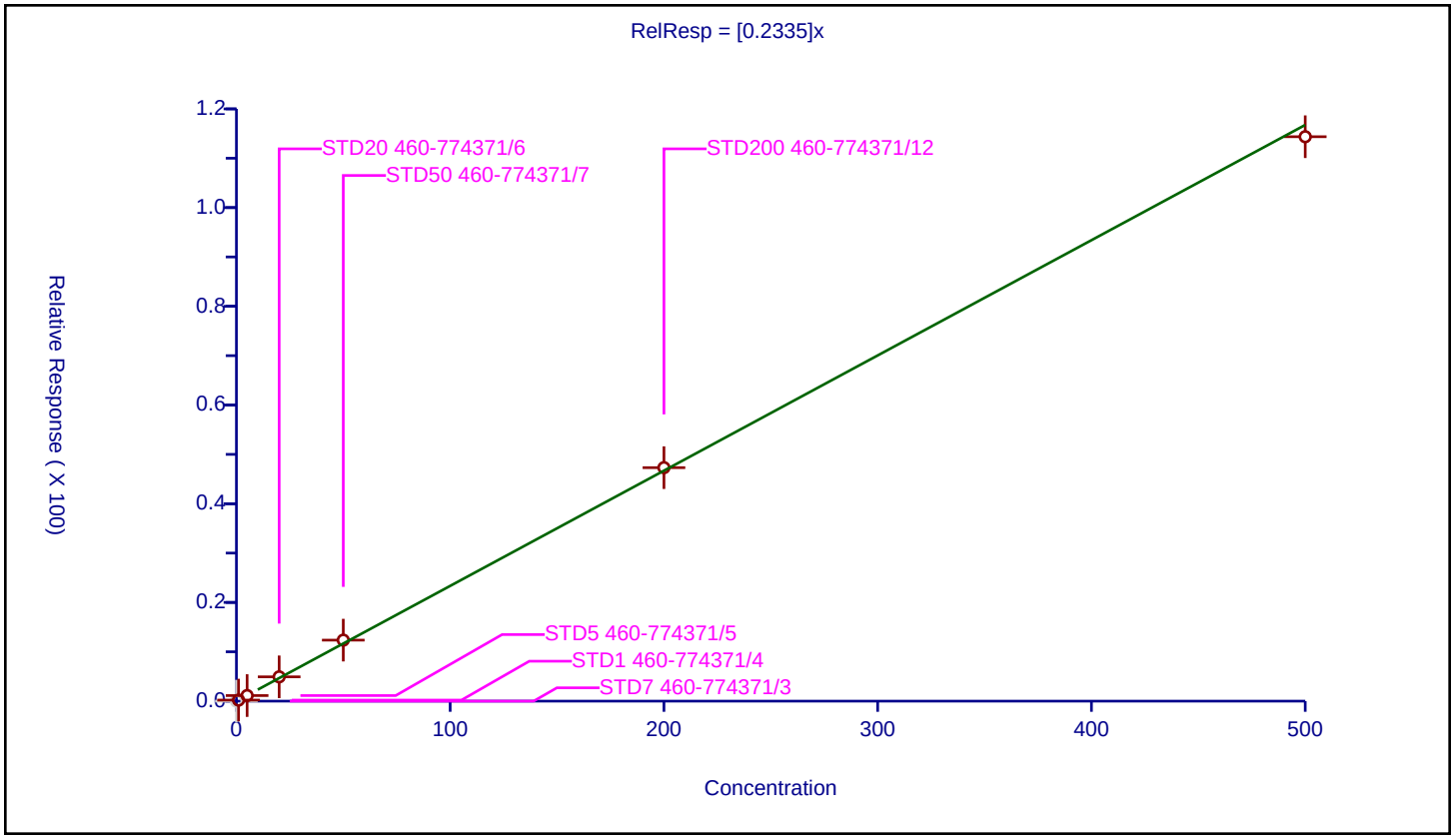
Curve Coefficients

Intercept:	0
Slope:	0.2335

Error Coefficients

Standard Error:	578000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.215749	50.0	473236.0	0.215749	Y
3	STD5 460-774371/5	5.0	1.132776	50.0	473262.0	0.226555	Y
4	STD20 460-774371/6	20.0	4.923086	50.0	475921.0	0.246154	Y
5	STD50 460-774371/7	50.0	12.360969	50.0	482175.0	0.247219	Y
6	STD200 460-774371/12	200.0	47.306677	50.0	515794.0	0.236533	Y
7	STD500 460-774371/8	500.0	114.360159	50.0	520809.0	0.22872	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

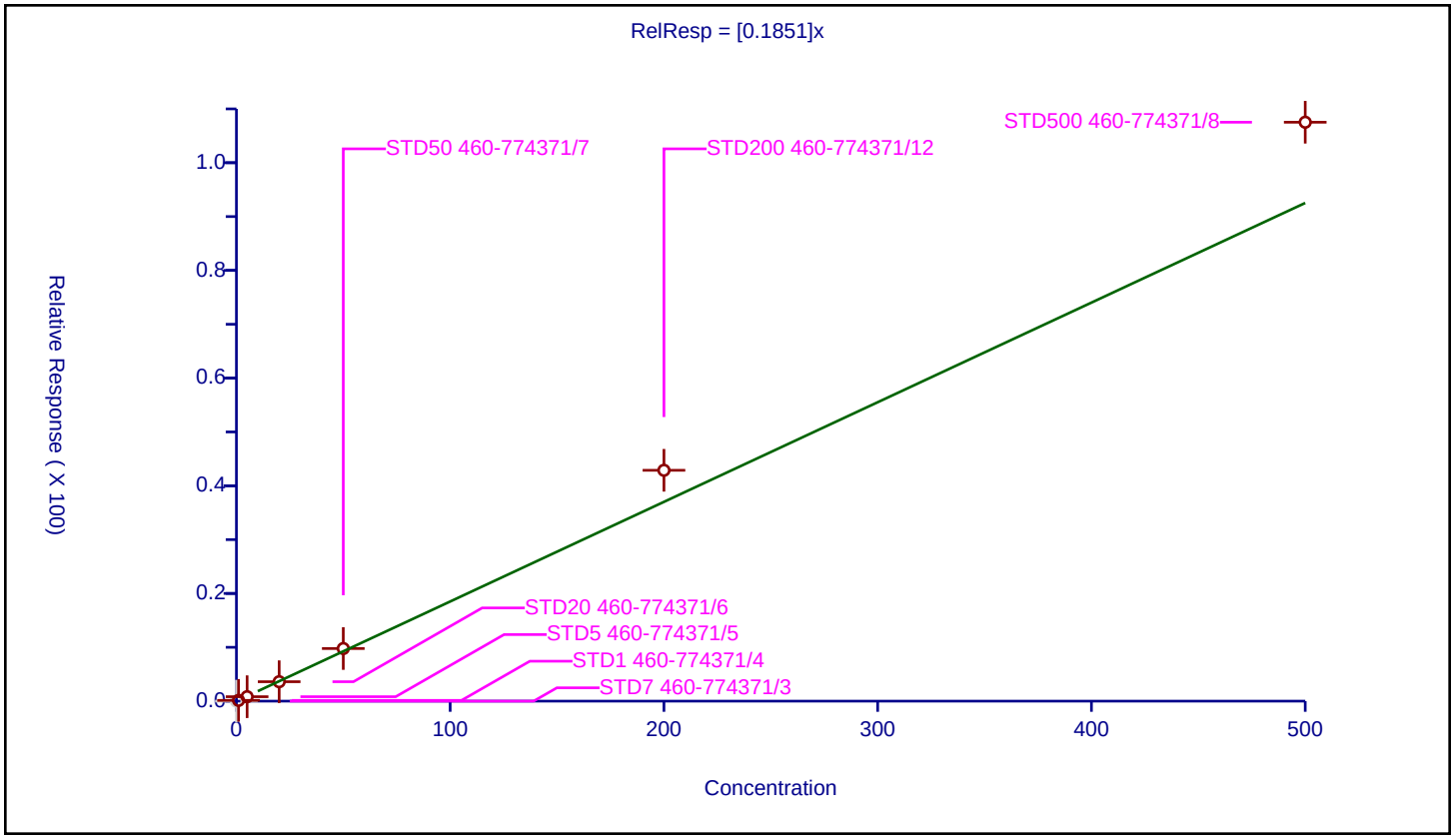
Curve Coefficients

Intercept:	0
Slope:	0.1851

Error Coefficients

Standard Error:	540000
Relative Standard Error:	15.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	0.140205	50.0	473236.0	0.140205	Y
3	STD5 460-774371/5	5.0	0.823857	50.0	473262.0	0.164771	Y
4	STD20 460-774371/6	20.0	3.610683	50.0	475921.0	0.180534	Y
5	STD50 460-774371/7	50.0	9.771037	50.0	482175.0	0.195421	Y
6	STD200 460-774371/12	200.0	42.874093	50.0	515794.0	0.21437	Y
7	STD500 460-774371/8	500.0	107.523968	50.0	520809.0	0.215048	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

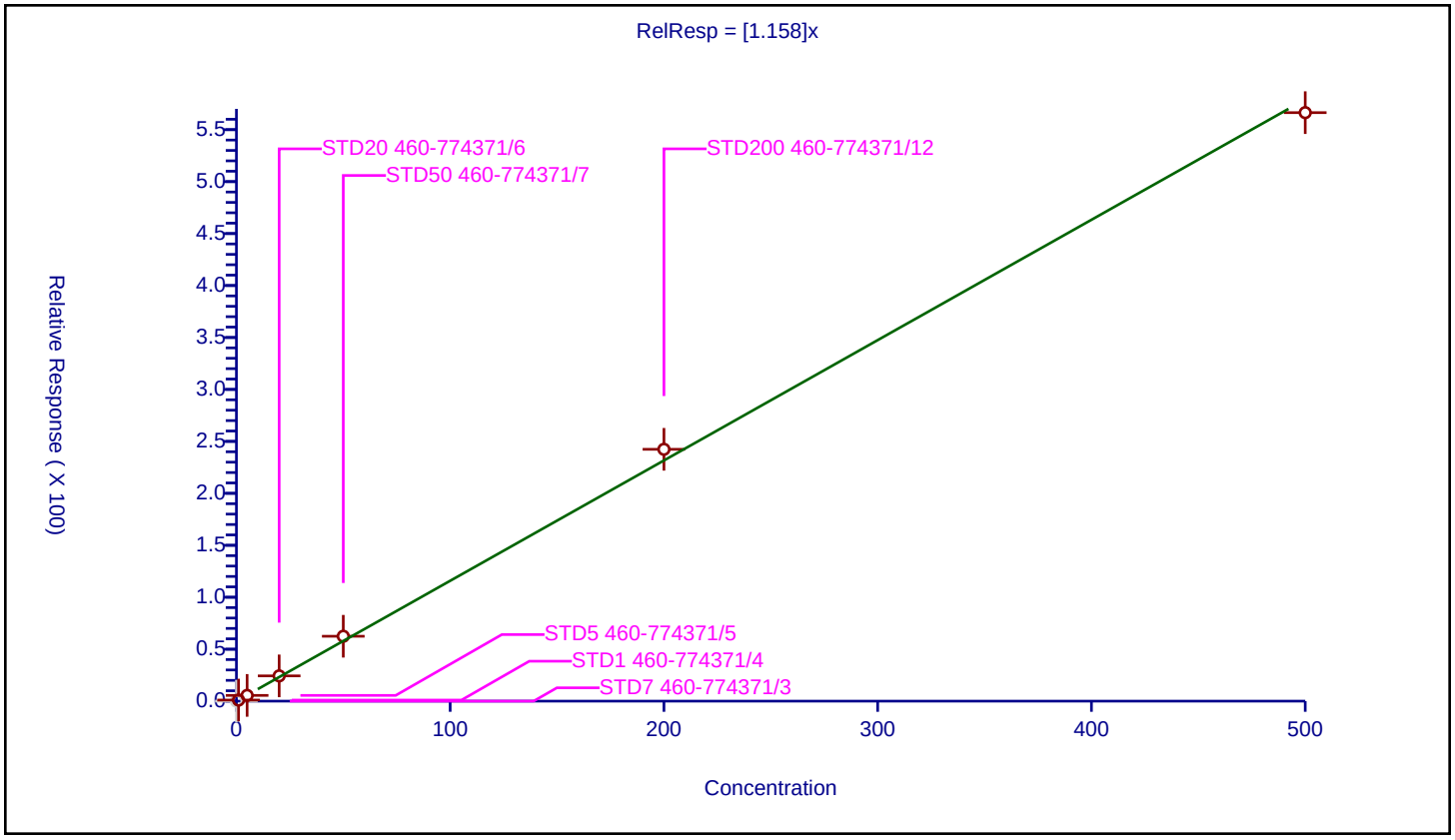
Curve Coefficients

Intercept:	0
Slope:	1.158

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	7.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	1.037054	50.0	254519.0	1.037054	Y
3	STD5 460-774371/5	5.0	5.512051	50.0	255785.0	1.10241	Y
4	STD20 460-774371/6	20.0	24.314682	50.0	253678.0	1.215734	Y
5	STD50 460-774371/7	50.0	62.450003	50.0	256763.0	1.249	Y
6	STD200 460-774371/12	200.0	242.386153	50.0	270494.0	1.211931	Y
7	STD500 460-774371/8	500.0	566.37849	50.0	268932.0	1.132757	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

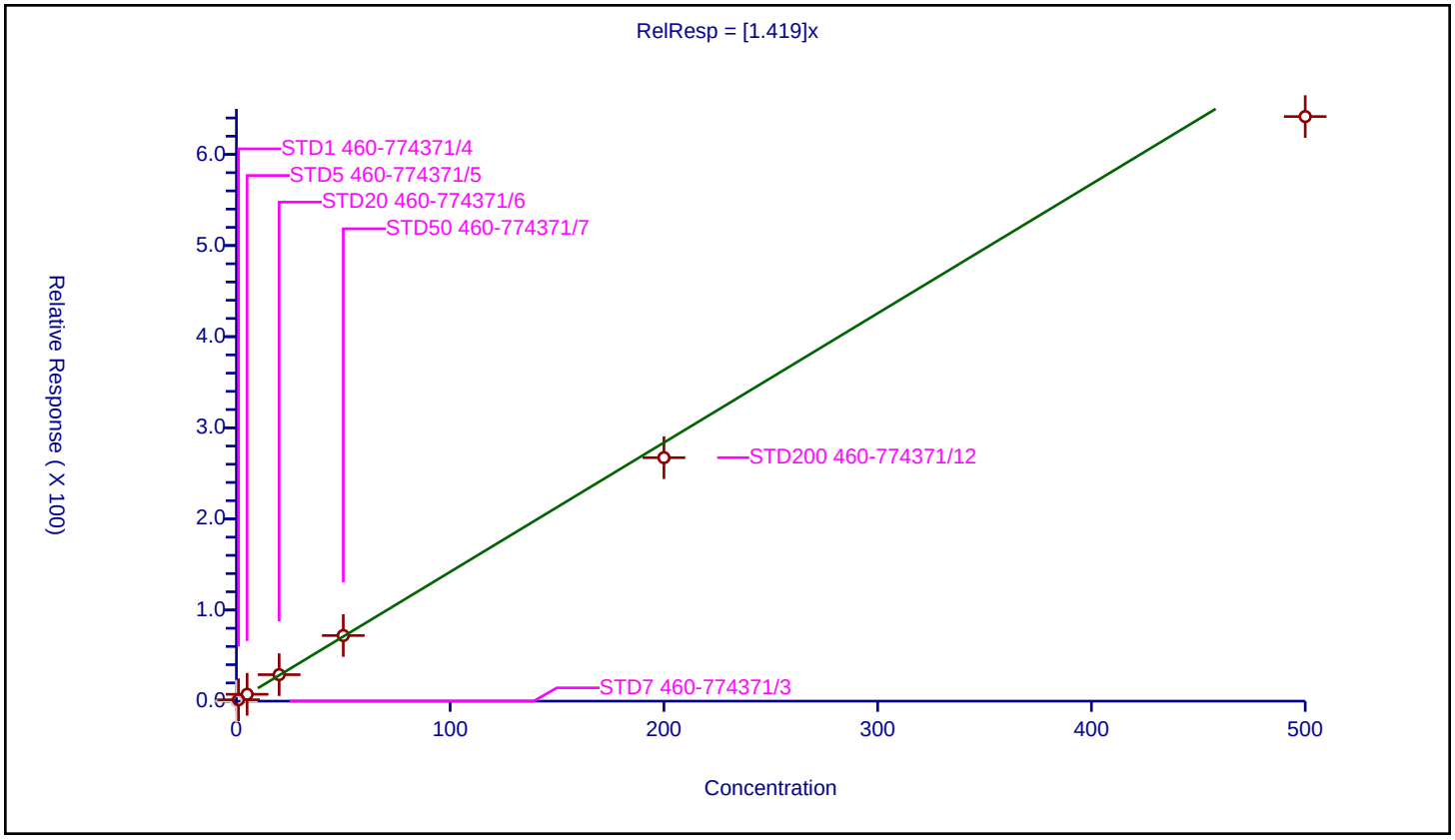
Curve Coefficients

Intercept:	0
Slope:	1.419

Error Coefficients

Standard Error:	3250000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	472019.0	NaN	N
2	STD1 460-774371/4	1.0	1.494497	50.0	473236.0	1.494497	Y
3	STD5 460-774371/5	5.0	7.528388	50.0	473262.0	1.505678	Y
4	STD20 460-774371/6	20.0	29.063857	50.0	475921.0	1.453193	Y
5	STD50 460-774371/7	50.0	72.020532	50.0	482175.0	1.440411	Y
6	STD200 460-774371/12	200.0	267.226063	50.0	515794.0	1.33613	Y
7	STD500 460-774371/8	500.0	641.585111	50.0	520809.0	1.28317	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

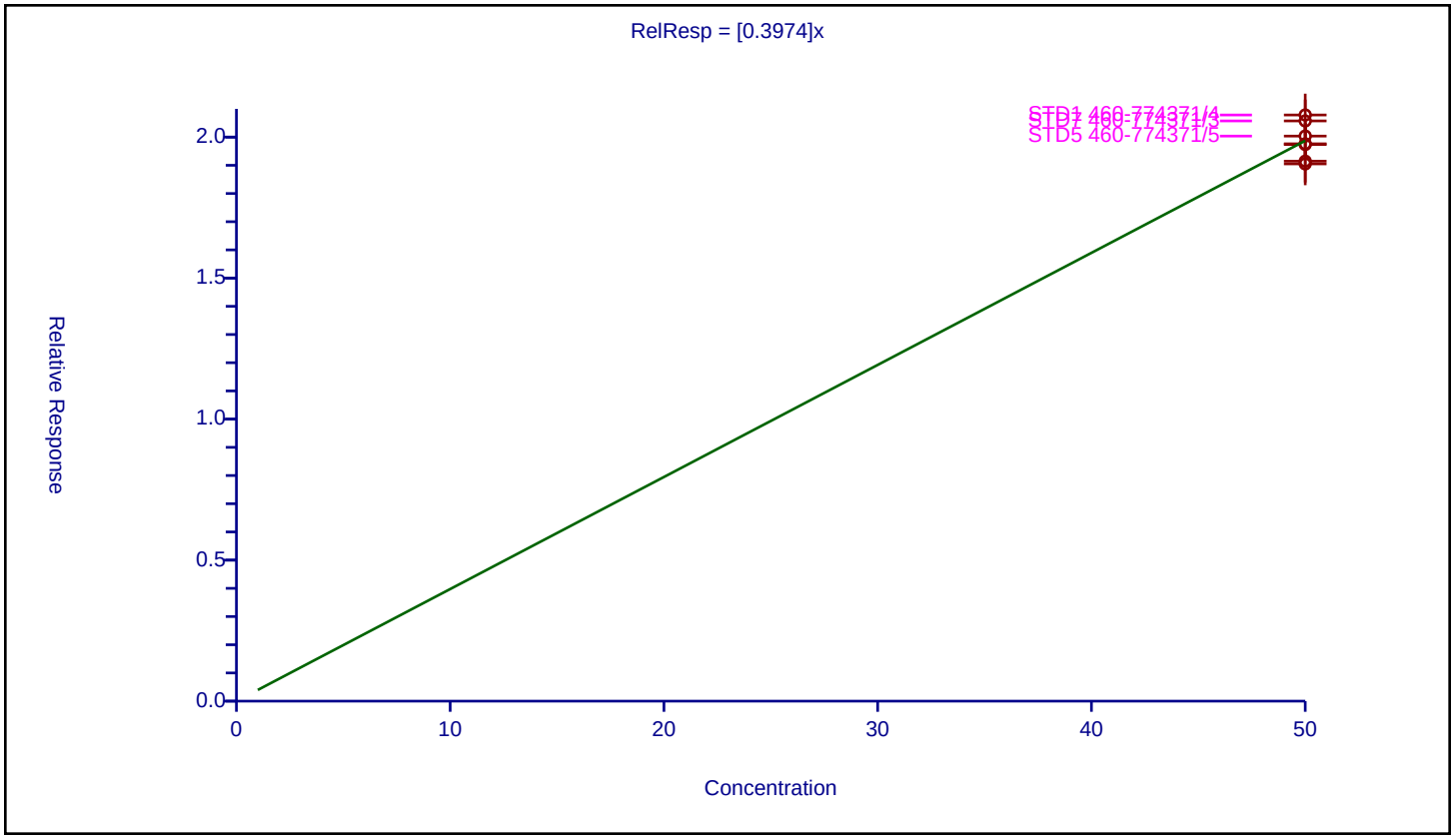
Curve Coefficients

Intercept:	0
Slope:	0.3974

Error Coefficients

Standard Error:	209000
Relative Standard Error:	3.3
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	50.0	20.572689	50.0	472019.0	0.411454	Y
2	STD1 460-774371/4	50.0	20.783816	50.0	473236.0	0.415676	Y
3	STD5 460-774371/5	50.0	20.036048	50.0	473262.0	0.400721	Y
4	STD20 460-774371/6	50.0	19.736679	50.0	475921.0	0.394734	Y
5	STD50 460-774371/7	50.0	19.762327	50.0	482175.0	0.395247	Y
6	STD500 460-774371/8	50.0	19.146175	50.0	520809.0	0.382923	Y
7	STD200 460-774371/12	50.0	19.050241	50.0	515794.0	0.381005	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

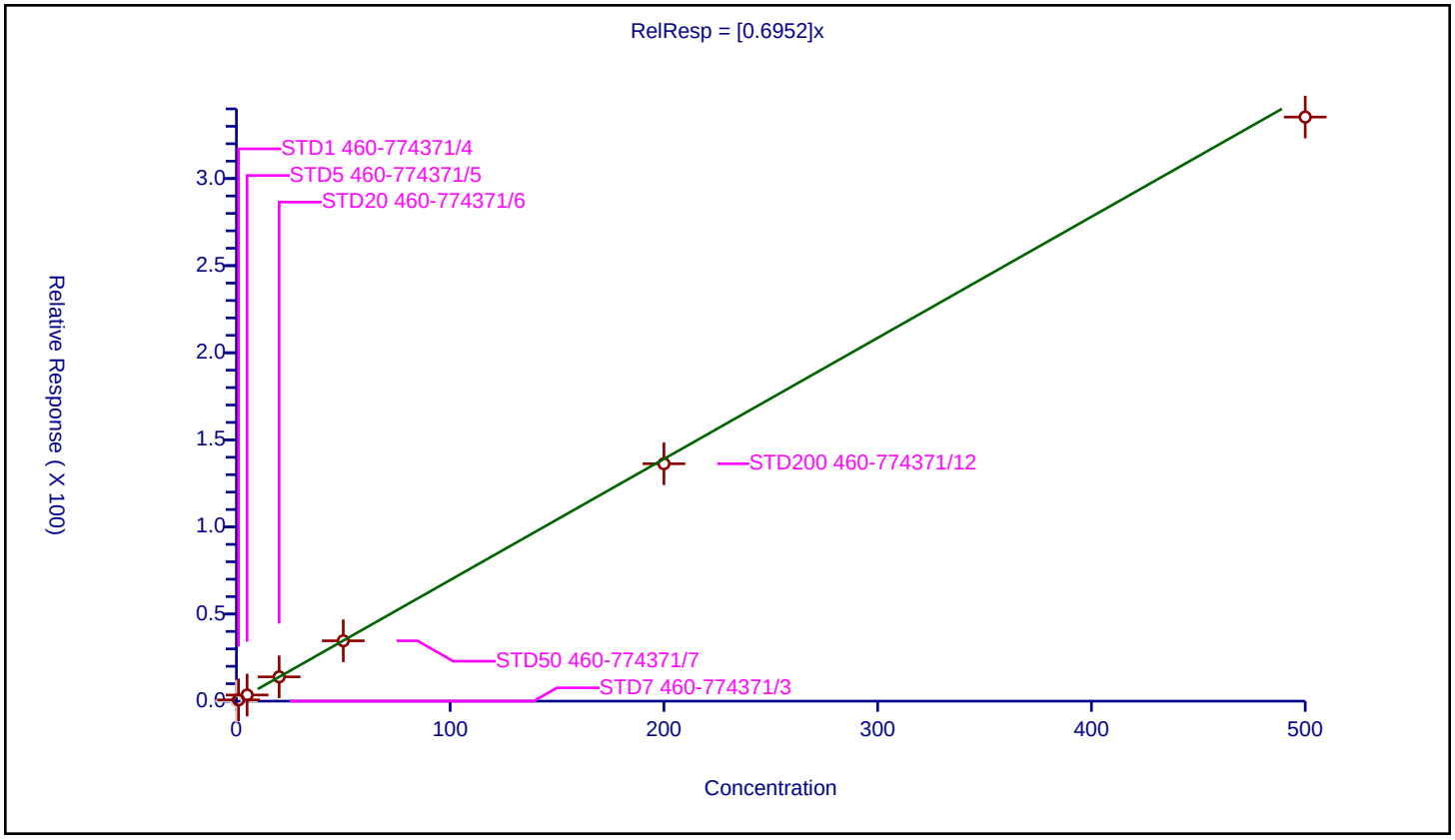
Curve Coefficients

Intercept:	0
Slope:	0.6952

Error Coefficients

Standard Error:	875000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.725486	50.0	254519.0	0.725486	Y
3	STD5 460-774371/5	5.0	3.517798	50.0	255785.0	0.70356	Y
4	STD20 460-774371/6	20.0	13.944646	50.0	253678.0	0.697232	Y
5	STD50 460-774371/7	50.0	34.635831	50.0	256763.0	0.692717	Y
6	STD200 460-774371/12	200.0	136.28879	50.0	270494.0	0.681444	Y
7	STD500 460-774371/8	500.0	335.304835	50.0	268932.0	0.67061	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

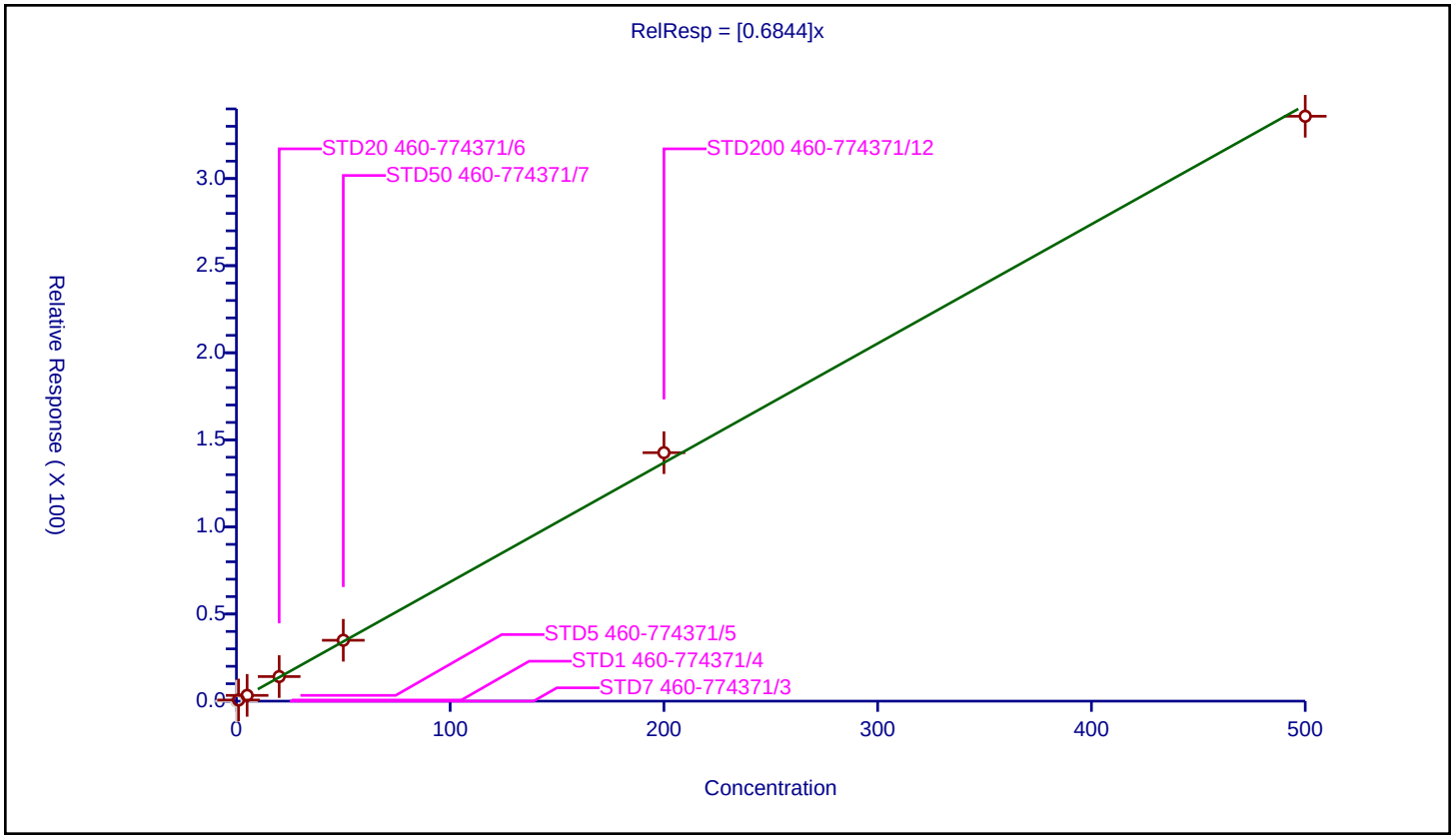
Curve Coefficients

Intercept:	0
Slope:	0.6844

Error Coefficients

Standard Error:	882000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.655157	50.0	254519.0	0.655157	Y
3	STD5 460-774371/5	5.0	3.309615	50.0	255785.0	0.661923	Y
4	STD20 460-774371/6	20.0	14.110999	50.0	253678.0	0.70555	Y
5	STD50 460-774371/7	50.0	34.950713	50.0	256763.0	0.699014	Y
6	STD200 460-774371/12	200.0	142.647896	50.0	270494.0	0.713239	Y
7	STD500 460-774371/8	500.0	335.787113	50.0	268932.0	0.671574	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

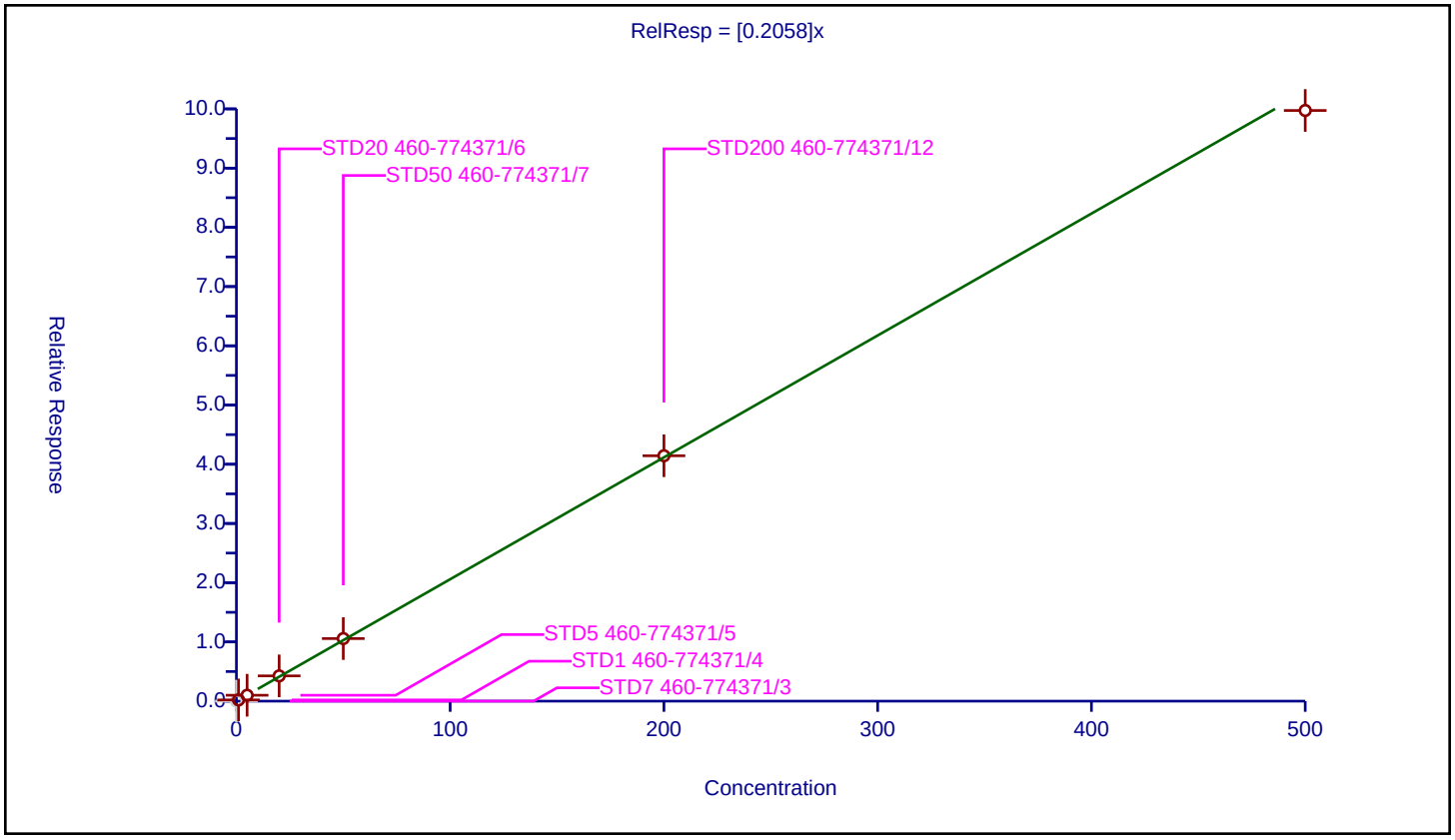
Curve Coefficients

Intercept:	0
Slope:	0.2058

Error Coefficients

Standard Error:	261000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.2047	50.0	254519.0	0.2047	Y
3	STD5 460-774371/5	5.0	0.99439	50.0	255785.0	0.198878	Y
4	STD20 460-774371/6	20.0	4.265841	50.0	253678.0	0.213292	Y
5	STD50 460-774371/7	50.0	10.566359	50.0	256763.0	0.211327	Y
6	STD200 460-774371/12	200.0	41.436039	50.0	270494.0	0.20718	Y
7	STD500 460-774371/8	500.0	99.731717	50.0	268932.0	0.199463	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

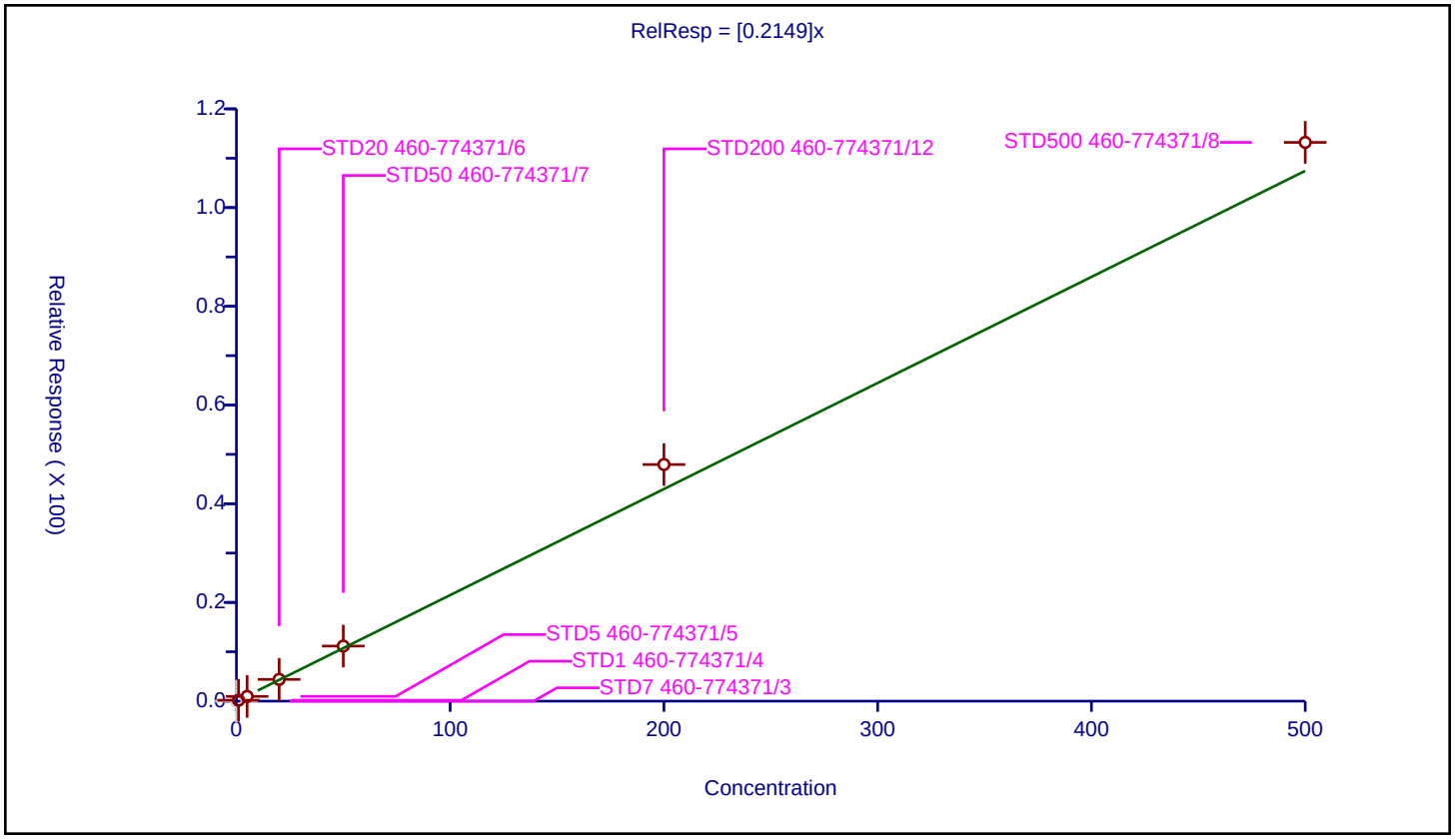
Curve Coefficients

Intercept:	0
Slope:	0.2149

Error Coefficients

Standard Error:	297000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.186627	50.0	254519.0	0.186627	Y
3	STD5 460-774371/5	5.0	0.965459	50.0	255785.0	0.193092	Y
4	STD20 460-774371/6	20.0	4.406571	50.0	253678.0	0.220329	Y
5	STD50 460-774371/7	50.0	11.156008	50.0	256763.0	0.22312	Y
6	STD200 460-774371/12	200.0	47.947274	50.0	270494.0	0.239736	Y
7	STD500 460-774371/8	500.0	113.208543	50.0	268932.0	0.226417	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

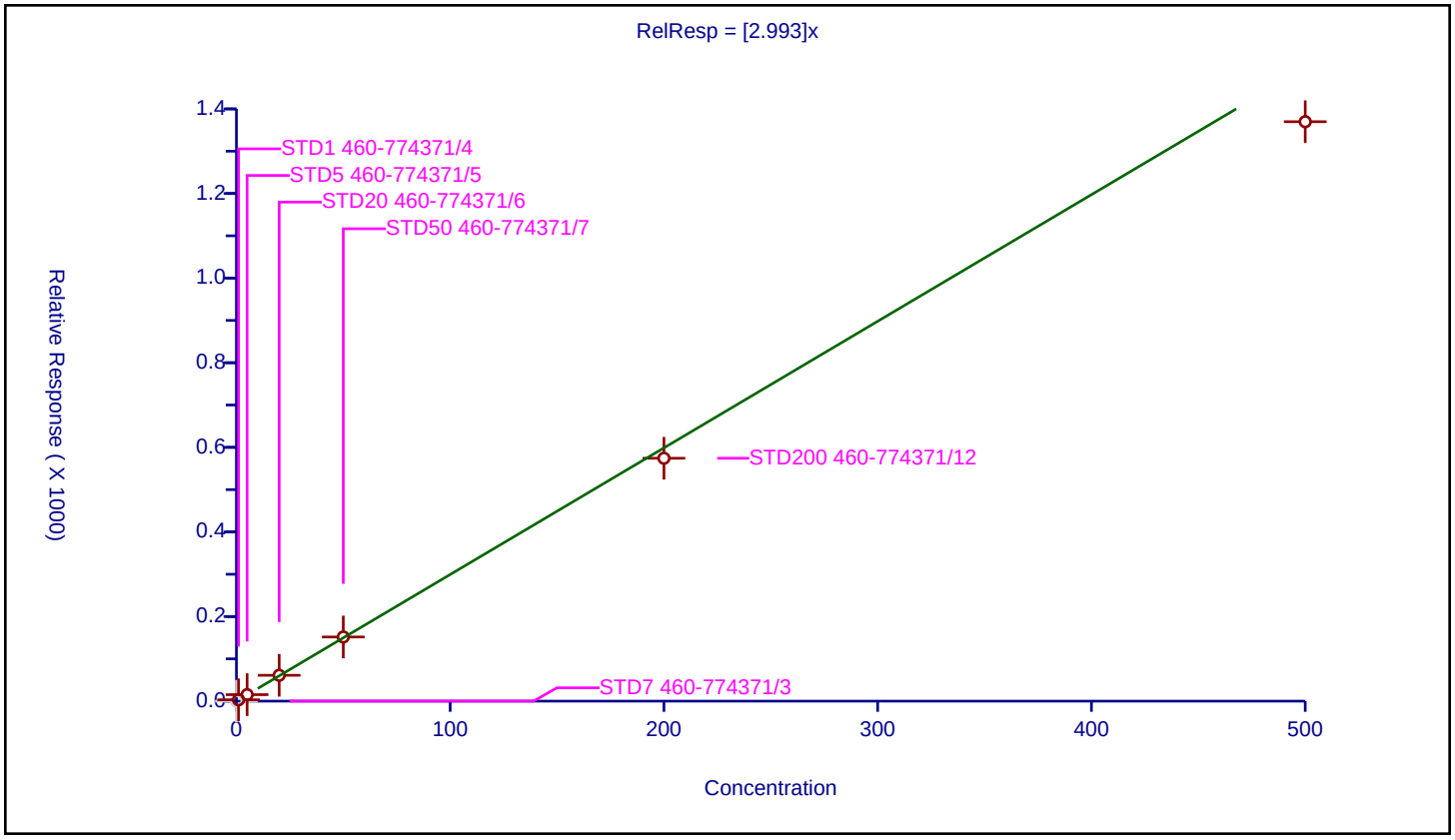
Curve Coefficients

Intercept:	0
Slope:	2.993

Error Coefficients

Standard Error:	3590000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	3.192296	50.0	254519.0	3.192296	Y
3	STD5 460-774371/5	5.0	15.339836	50.0	255785.0	3.067967	Y
4	STD20 460-774371/6	20.0	61.119608	50.0	253678.0	3.05598	Y
5	STD50 460-774371/7	50.0	151.626403	50.0	256763.0	3.032528	Y
6	STD200 460-774371/12	200.0	574.181498	50.0	270494.0	2.870907	Y
7	STD500 460-774371/8	500.0	1369.70275	50.0	268932.0	2.739406	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

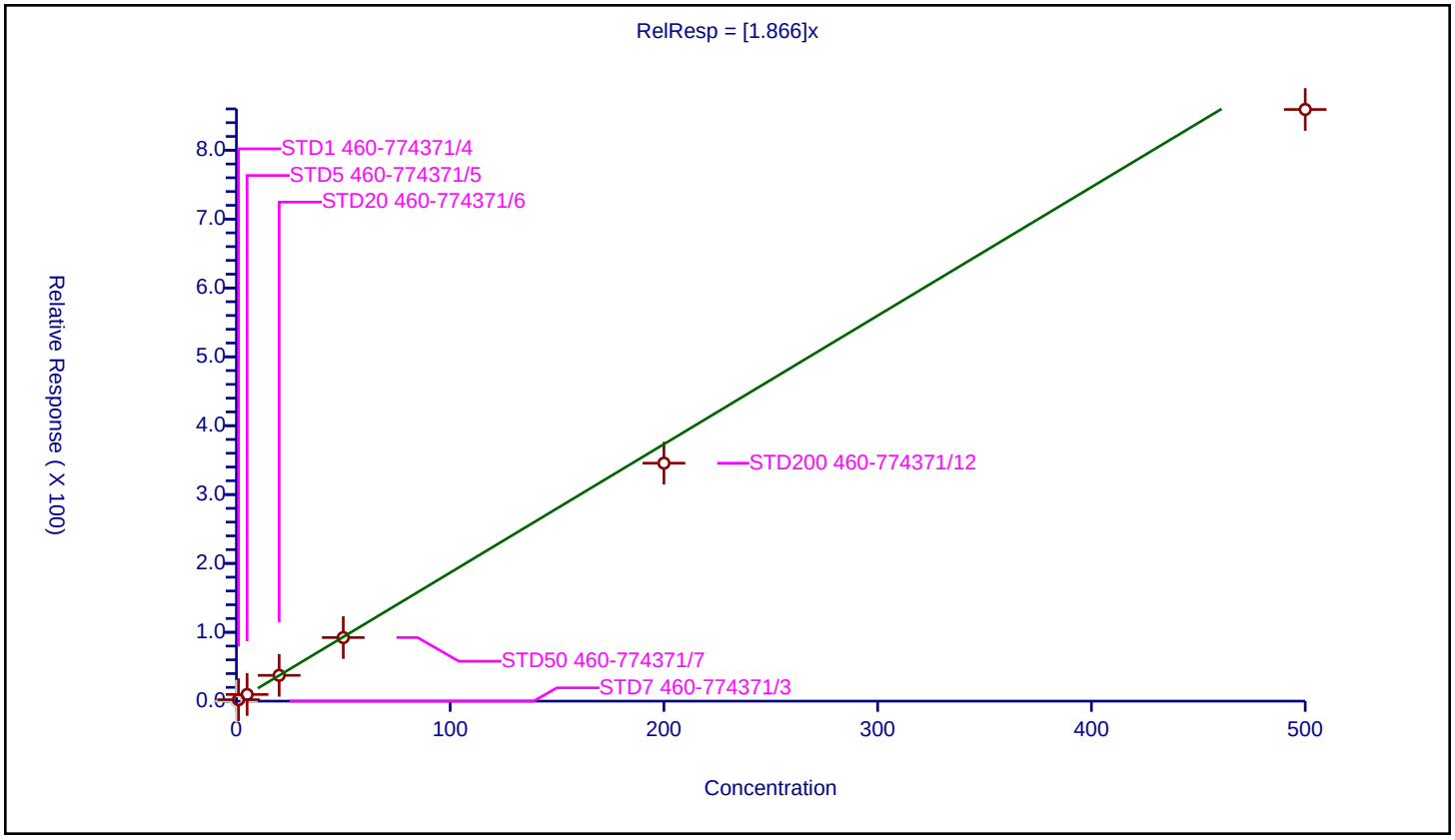
Curve Coefficients

Intercept:	0
Slope:	1.866

Error Coefficients

Standard Error:	2240000
Relative Standard Error:	7.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	2.095521	50.0	254519.0	2.095521	Y
3	STD5 460-774371/5	5.0	9.673554	50.0	255785.0	1.934711	Y
4	STD20 460-774371/6	20.0	37.462255	50.0	253678.0	1.873113	Y
5	STD50 460-774371/7	50.0	92.317429	50.0	256763.0	1.846349	Y
6	STD200 460-774371/12	200.0	345.576981	50.0	270494.0	1.727885	Y
7	STD500 460-774371/8	500.0	859.137812	50.0	268932.0	1.718276	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

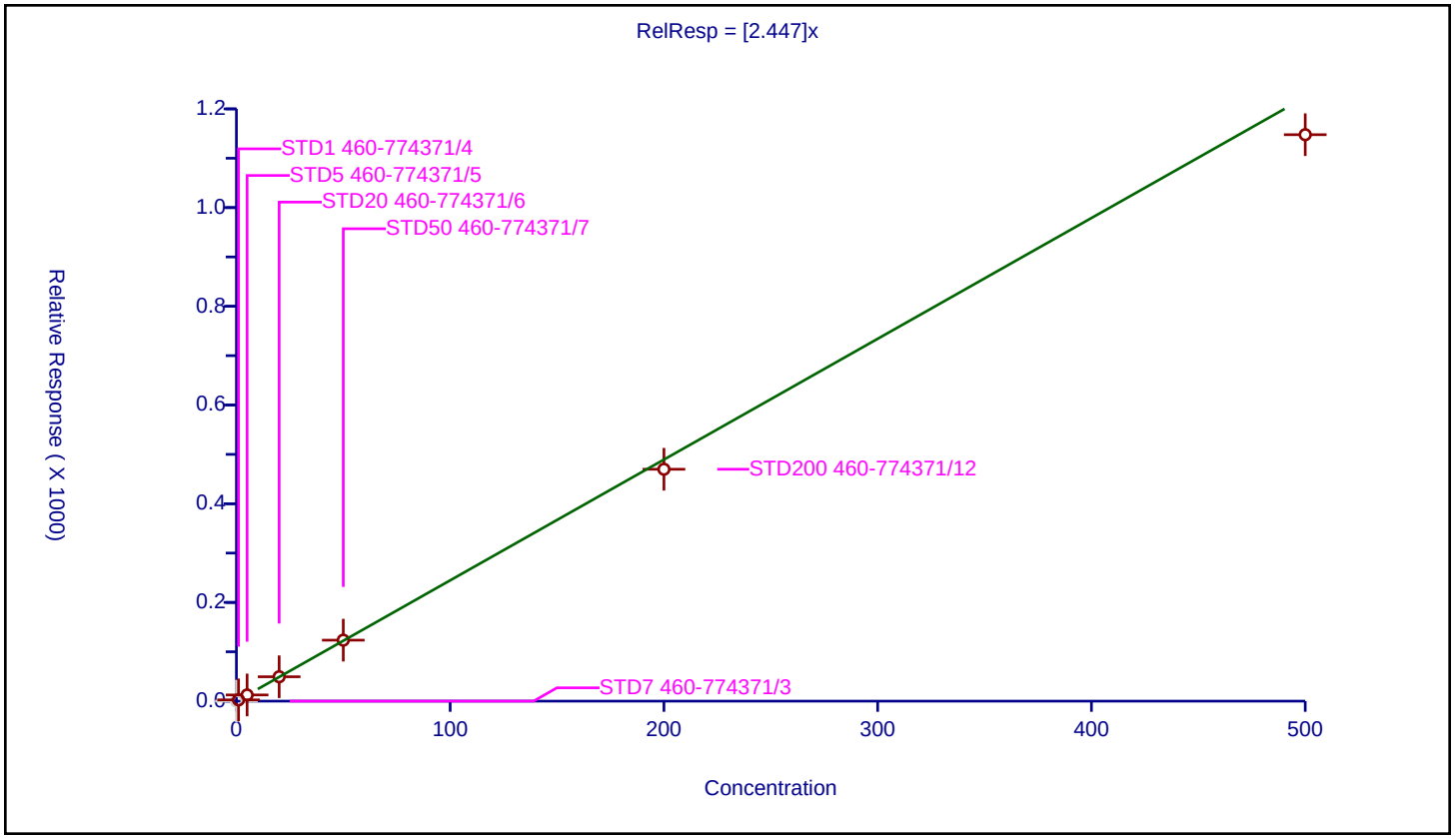
Curve Coefficients

Intercept:	0
Slope:	2.447

Error Coefficients

Standard Error:	3000000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	2.589394	50.0	254519.0	2.589394	Y
3	STD5 460-774371/5	5.0	12.541197	50.0	255785.0	2.508239	Y
4	STD20 460-774371/6	20.0	49.392537	50.0	253678.0	2.469627	Y
5	STD50 460-774371/7	50.0	123.57349	50.0	256763.0	2.47147	Y
6	STD200 460-774371/12	200.0	469.873084	50.0	270494.0	2.349365	Y
7	STD500 460-774371/8	500.0	1147.720427	50.0	268932.0	2.295441	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

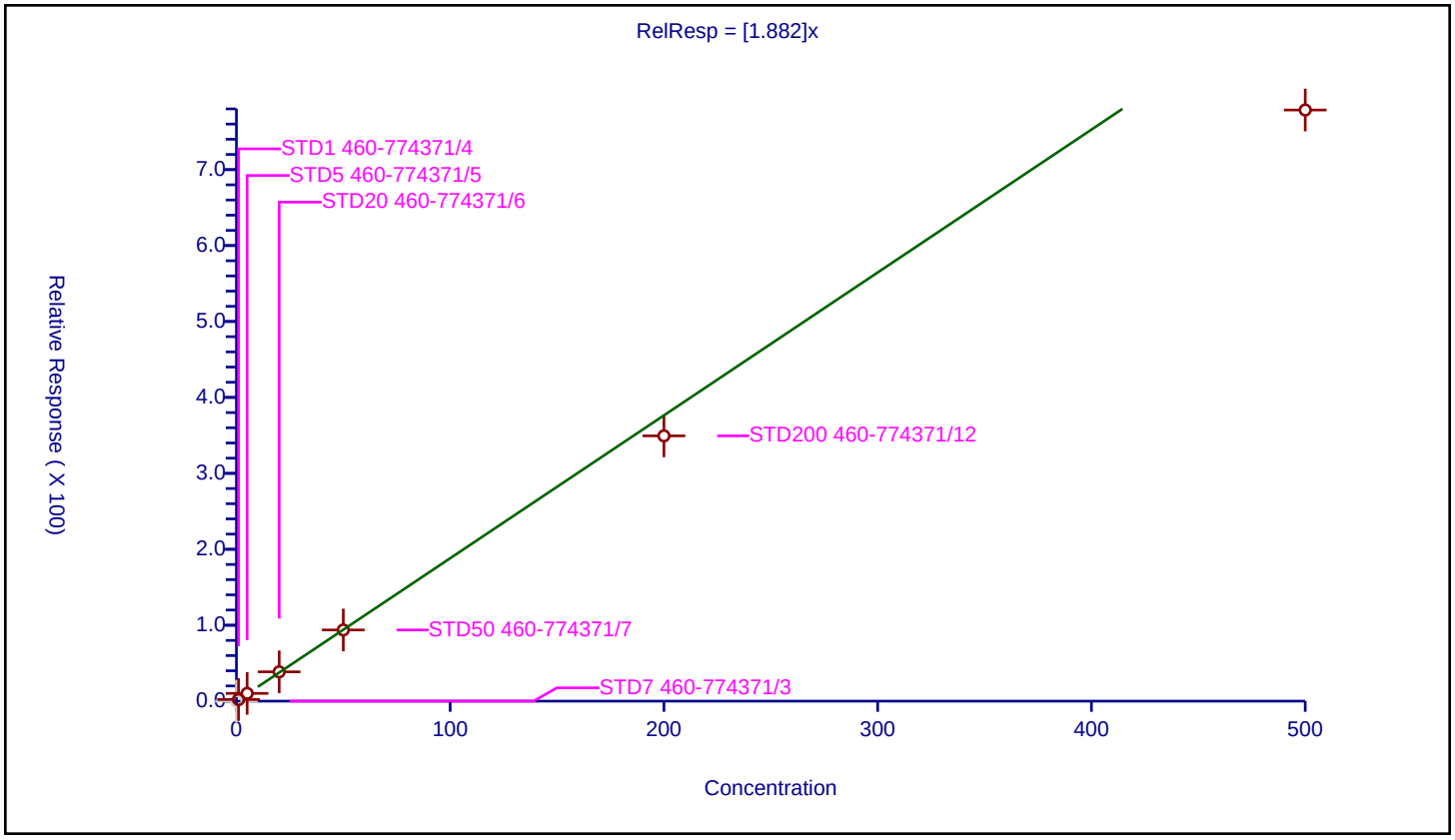
Curve Coefficients

Intercept:	0
Slope:	1.882

Error Coefficients

Standard Error:	2070000
Relative Standard Error:	11.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	2.139133	50.0	254519.0	2.139133	Y
3	STD5 460-774371/5	5.0	10.216588	50.0	255785.0	2.043318	Y
4	STD20 460-774371/6	20.0	38.587895	50.0	253678.0	1.929395	Y
5	STD50 460-774371/7	50.0	93.744231	50.0	256763.0	1.874885	Y
6	STD200 460-774371/12	200.0	349.38982	50.0	270494.0	1.746949	Y
7	STD500 460-774371/8	500.0	778.528773	50.0	268932.0	1.557058	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

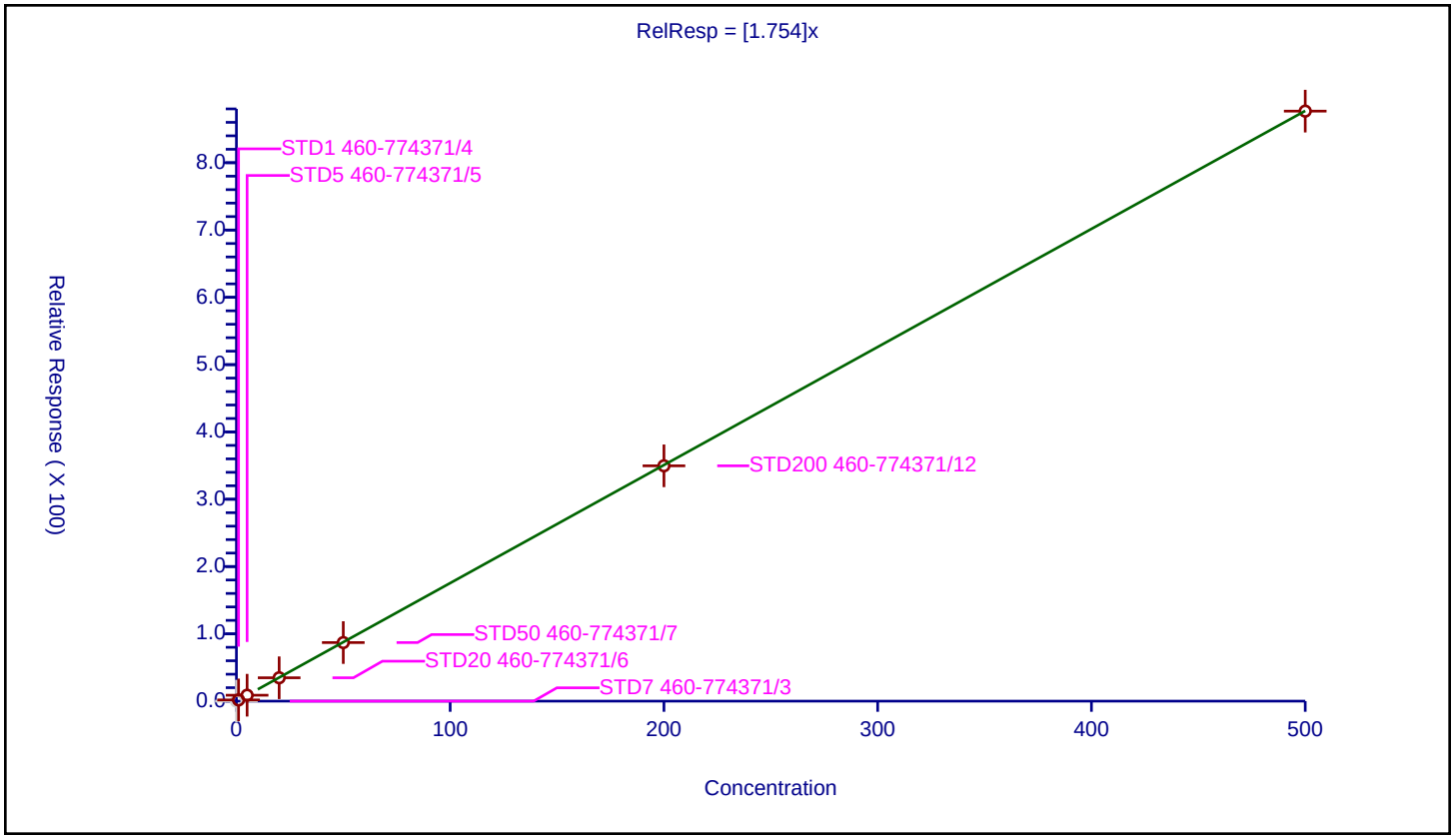
Curve Coefficients

Intercept:	0
Slope:	1.754

Error Coefficients

Standard Error:	2280000
Relative Standard Error:	1.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	1.787096	50.0	254519.0	1.787096	Y
3	STD5 460-774371/5	5.0	8.796255	50.0	255785.0	1.759251	Y
4	STD20 460-774371/6	20.0	34.727292	50.0	253678.0	1.736365	Y
5	STD50 460-774371/7	50.0	87.024221	50.0	256763.0	1.740484	Y
6	STD200 460-774371/12	200.0	349.663948	50.0	270494.0	1.74832	Y
7	STD500 460-774371/8	500.0	876.686486	50.0	268932.0	1.753373	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

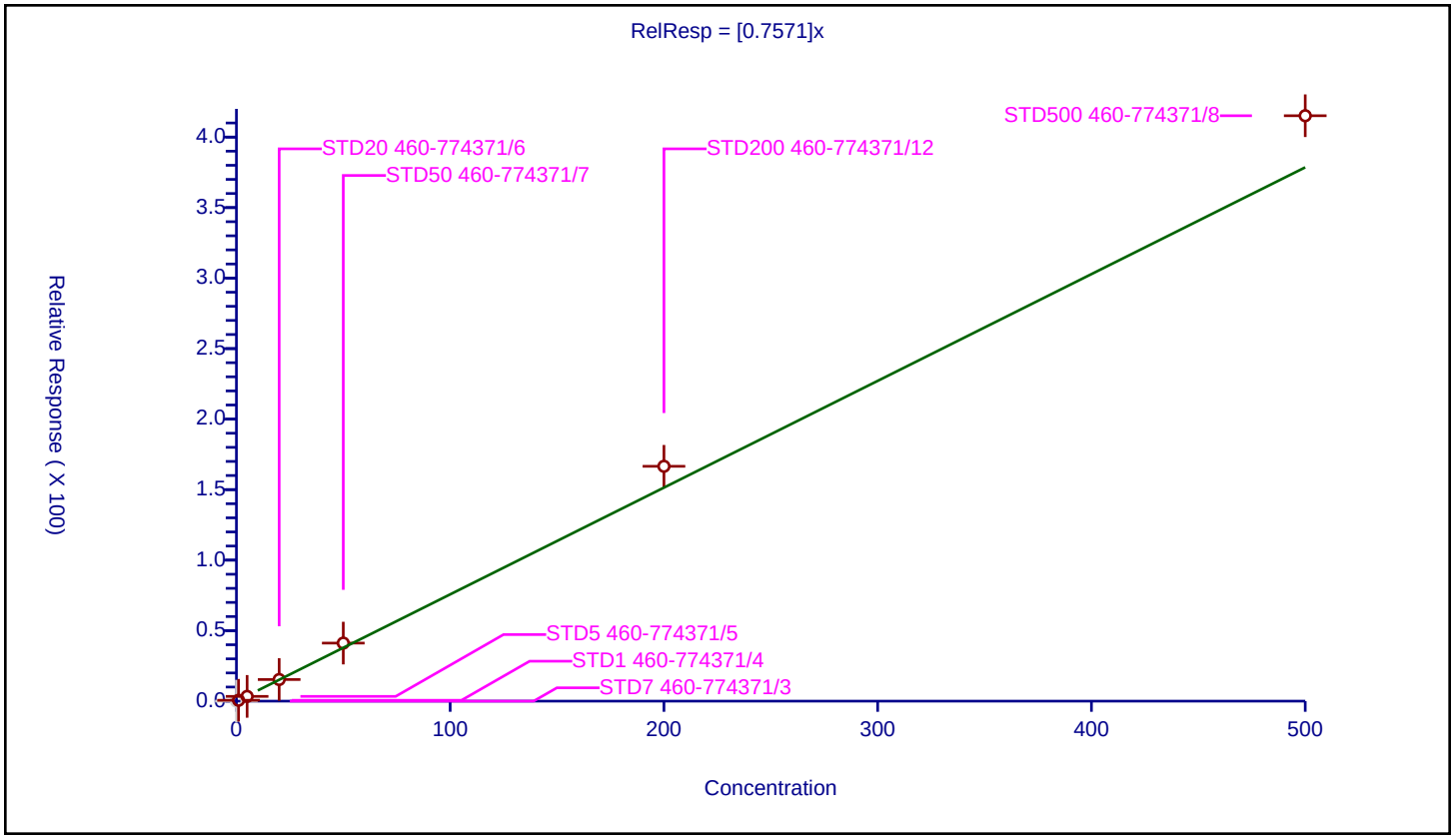
Curve Coefficients

Intercept:	0
Slope:	0.7571

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	12.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.615475	50.0	254519.0	0.615475	Y
3	STD5 460-774371/5	5.0	3.371777	50.0	255785.0	0.674355	Y
4	STD20 460-774371/6	20.0	15.329473	50.0	253678.0	0.766474	Y
5	STD50 460-774371/7	50.0	41.15741	50.0	256763.0	0.823148	Y
6	STD200 460-774371/12	200.0	166.547872	50.0	270494.0	0.832739	Y
7	STD500 460-774371/8	500.0	415.153831	50.0	268932.0	0.830308	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

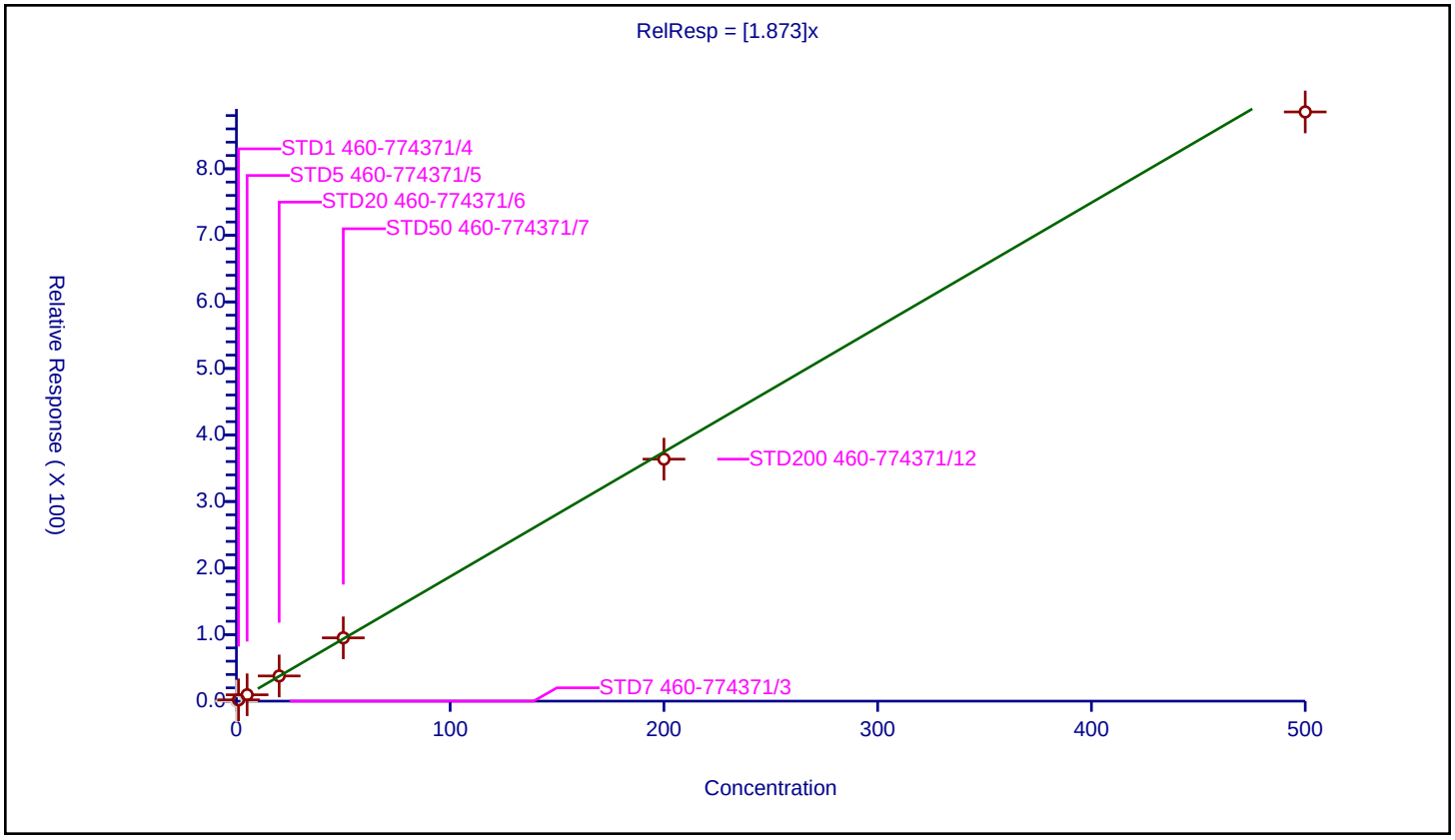
Curve Coefficients

Intercept:	0
Slope:	1.873

Error Coefficients

Standard Error:	2320000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	1.94347	50.0	254519.0	1.94347	Y
3	STD5 460-774371/5	5.0	9.544539	50.0	255785.0	1.908908	Y
4	STD20 460-774371/6	20.0	37.841279	50.0	253678.0	1.892064	Y
5	STD50 460-774371/7	50.0	95.111835	50.0	256763.0	1.902237	Y
6	STD200 460-774371/12	200.0	363.65021	50.0	270494.0	1.818251	Y
7	STD500 460-774371/8	500.0	885.447994	50.0	268932.0	1.770896	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

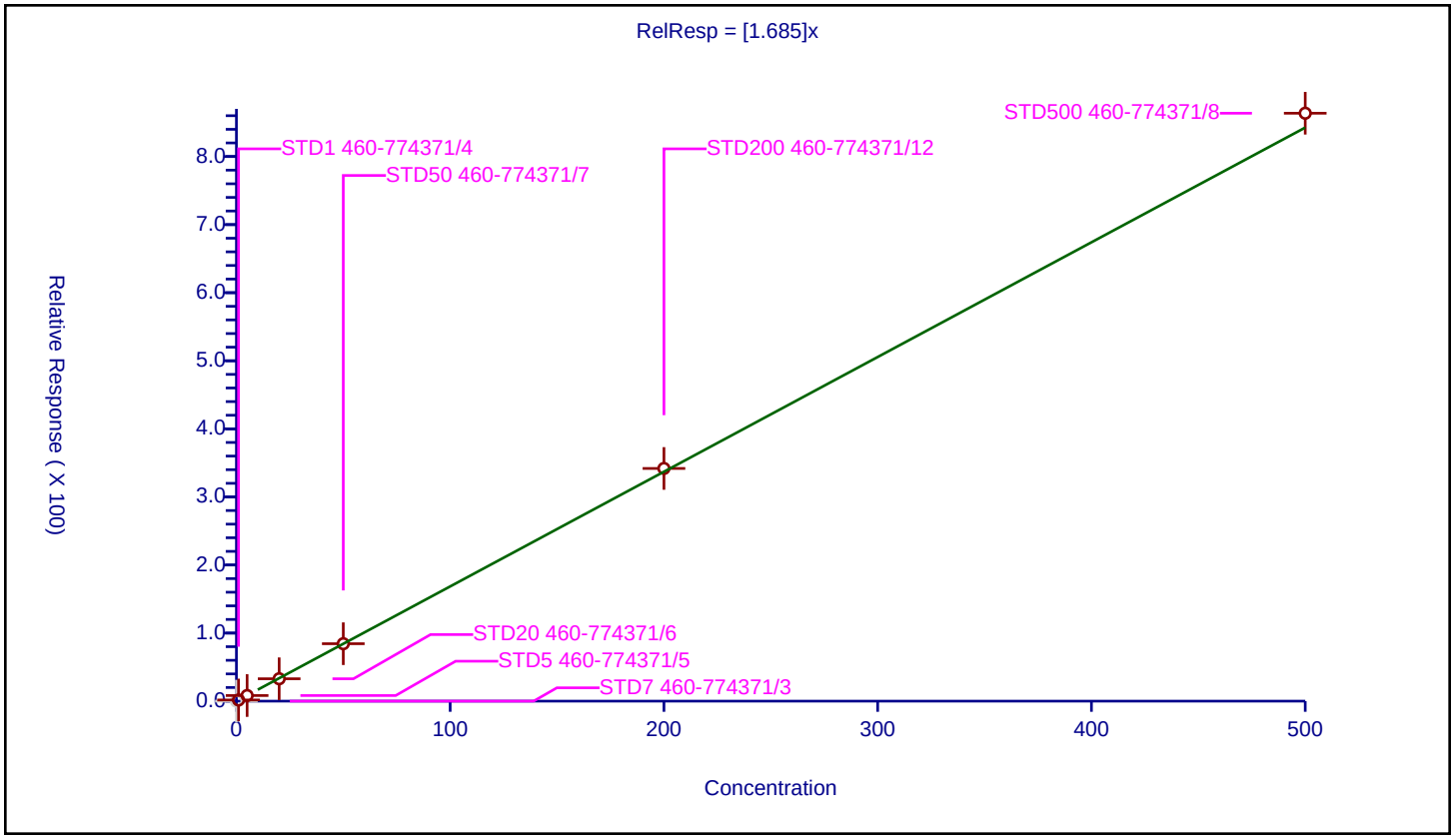
Curve Coefficients

Intercept:	0
Slope:	1.685

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	1.694373	50.0	254519.0	1.694373	Y
3	STD5 460-774371/5	5.0	8.239537	50.0	255785.0	1.647907	Y
4	STD20 460-774371/6	20.0	32.887361	50.0	253678.0	1.644368	Y
5	STD50 460-774371/7	50.0	84.372748	50.0	256763.0	1.687455	Y
6	STD200 460-774371/12	200.0	341.808691	50.0	270494.0	1.709043	Y
7	STD500 460-774371/8	500.0	863.623332	50.0	268932.0	1.727247	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

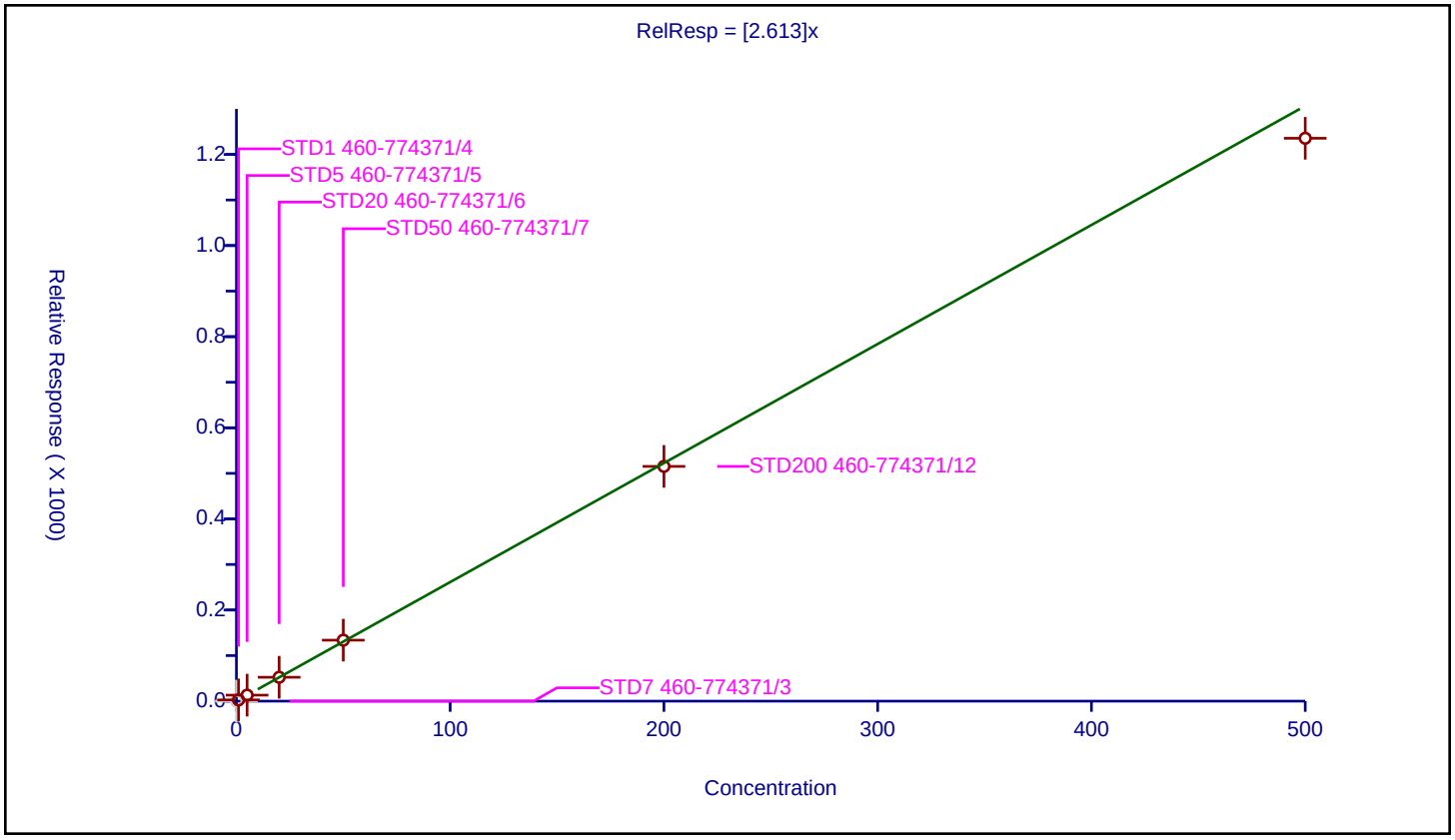
Curve Coefficients

Intercept:	0
Slope:	2.613

Error Coefficients

Standard Error:	3240000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	2.695477	50.0	254519.0	2.695477	Y
3	STD5 460-774371/5	5.0	13.183533	50.0	255785.0	2.636707	Y
4	STD20 460-774371/6	20.0	52.417435	50.0	253678.0	2.620872	Y
5	STD50 460-774371/7	50.0	133.860798	50.0	256763.0	2.677216	Y
6	STD200 460-774371/12	200.0	515.283518	50.0	270494.0	2.576418	Y
7	STD500 460-774371/8	500.0	1235.50061	50.0	268932.0	2.471001	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

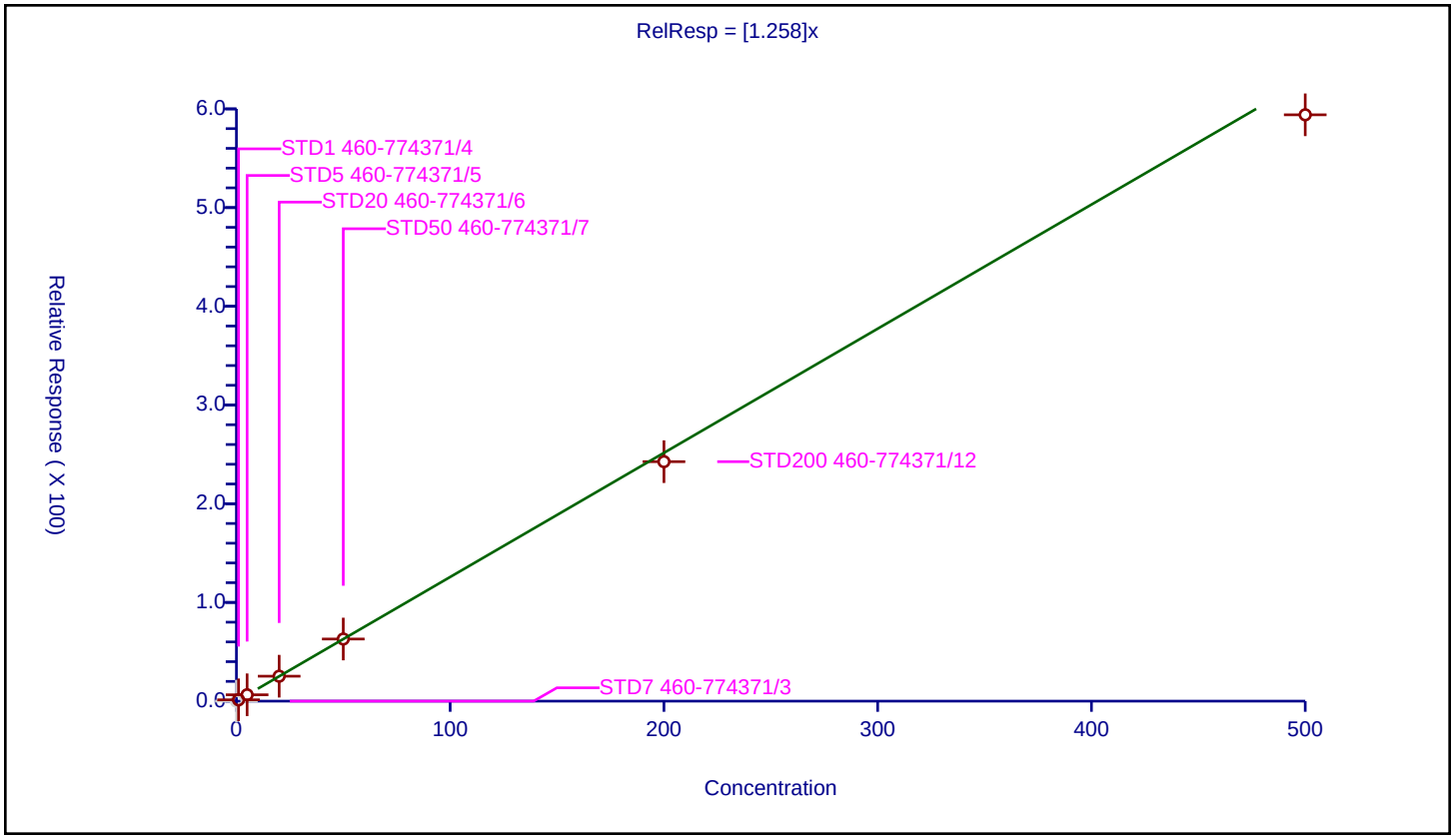
Curve Coefficients

Intercept:	0
Slope:	1.258

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	1.338407	50.0	254519.0	1.338407	Y
3	STD5 460-774371/5	5.0	6.422581	50.0	255785.0	1.284516	Y
4	STD20 460-774371/6	20.0	25.269633	50.0	253678.0	1.263482	Y
5	STD50 460-774371/7	50.0	62.936443	50.0	256763.0	1.258729	Y
6	STD200 460-774371/12	200.0	242.608893	50.0	270494.0	1.213044	Y
7	STD500 460-774371/8	500.0	594.0141	50.0	268932.0	1.188028	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

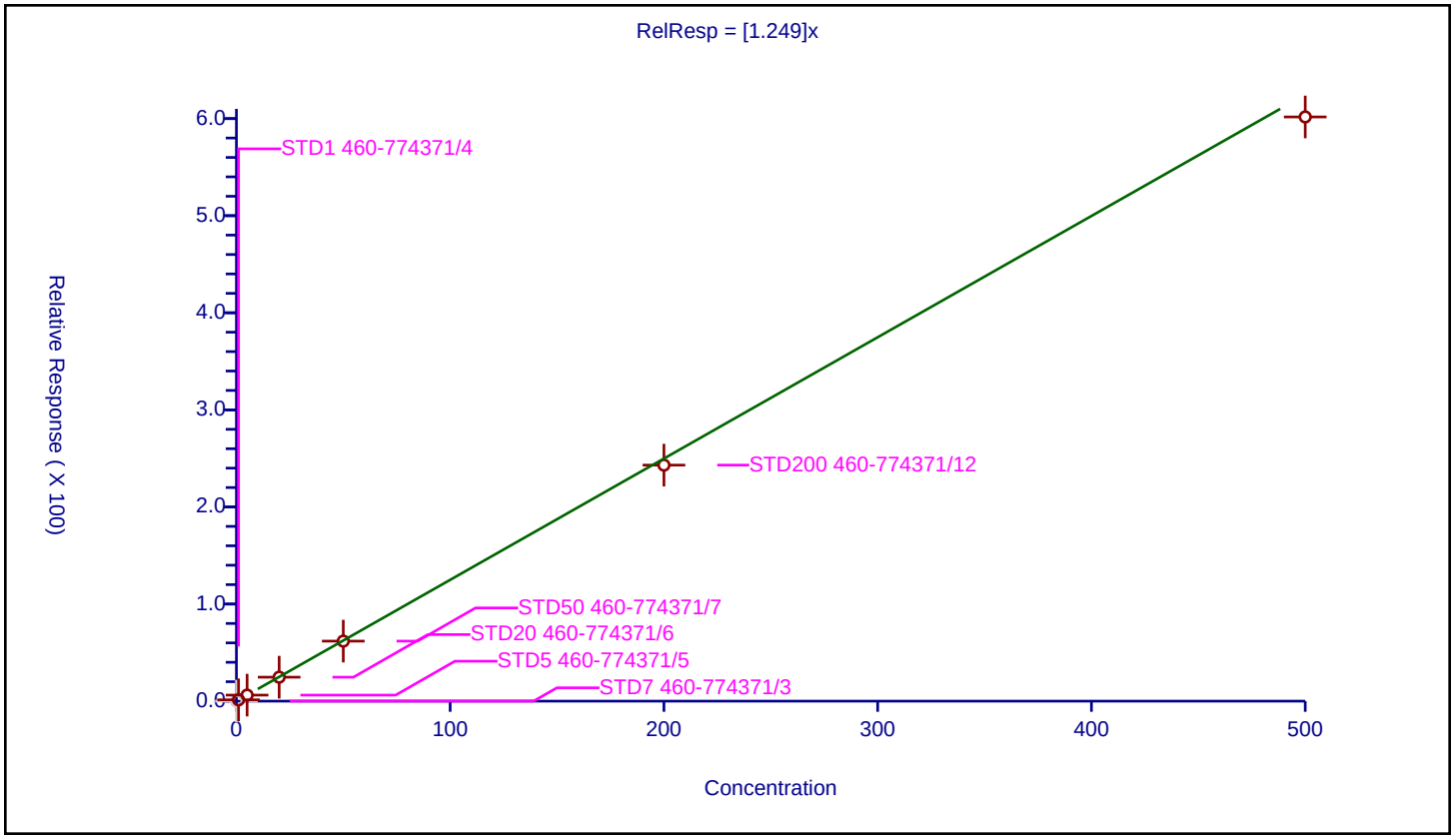
Curve Coefficients

Intercept:	0
Slope:	1.249

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	1.364535	50.0	254519.0	1.364535	Y
3	STD5 460-774371/5	5.0	6.210685	50.0	255785.0	1.242137	Y
4	STD20 460-774371/6	20.0	24.669266	50.0	253678.0	1.233463	Y
5	STD50 460-774371/7	50.0	61.826665	50.0	256763.0	1.236533	Y
6	STD200 460-774371/12	200.0	243.085614	50.0	270494.0	1.215428	Y
7	STD500 460-774371/8	500.0	601.690576	50.0	268932.0	1.203381	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

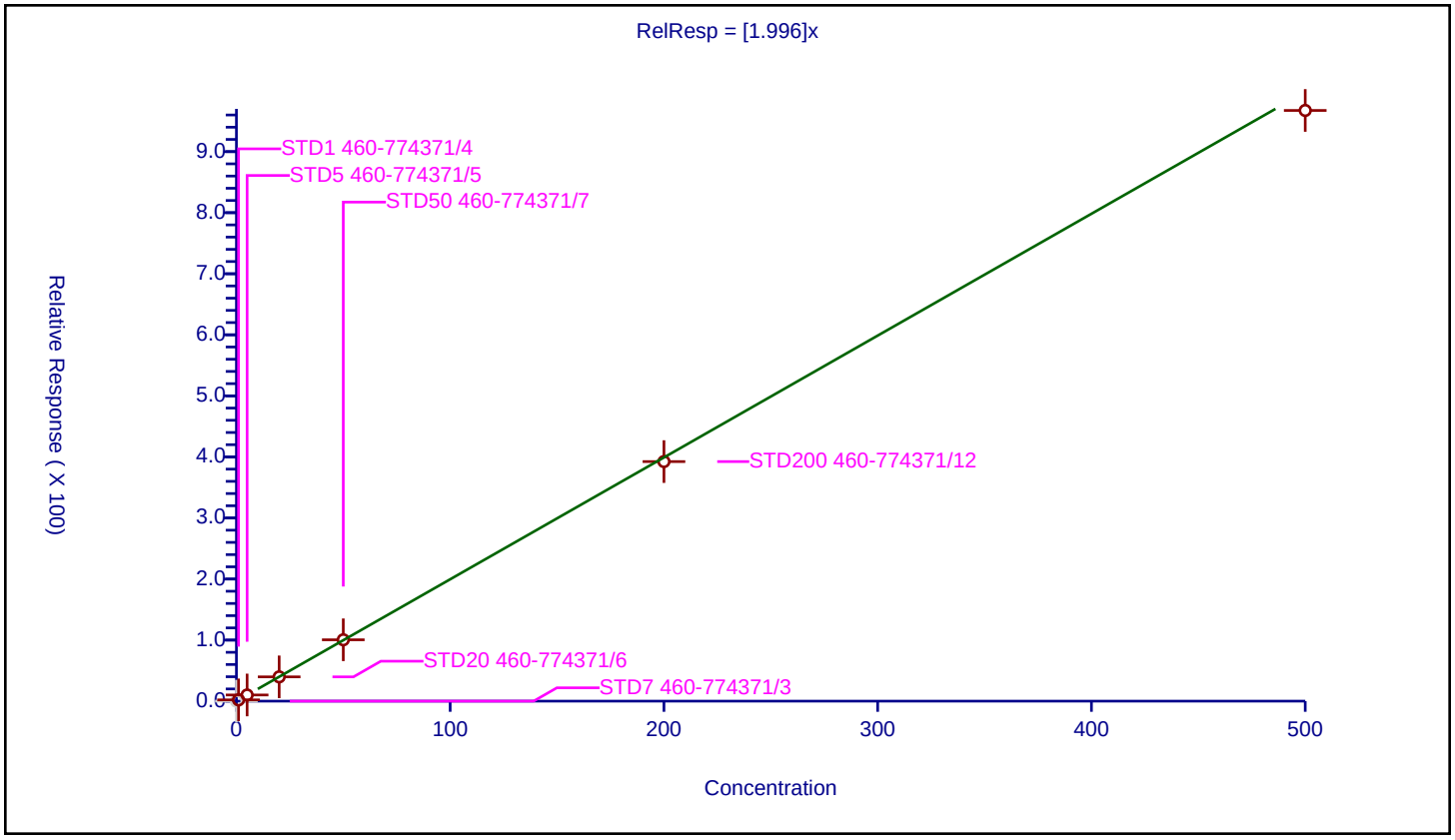
Curve Coefficients

Intercept:	0
Slope:	1.996

Error Coefficients

Standard Error:	2530000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	2.064482	50.0	254519.0	2.064482	Y
3	STD5 460-774371/5	5.0	10.076431	50.0	255785.0	2.015286	Y
4	STD20 460-774371/6	20.0	39.747633	50.0	253678.0	1.987382	Y
5	STD50 460-774371/7	50.0	100.482157	50.0	256763.0	2.009643	Y
6	STD200 460-774371/12	200.0	392.36545	50.0	270494.0	1.961827	Y
7	STD500 460-774371/8	500.0	967.420761	50.0	268932.0	1.934842	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

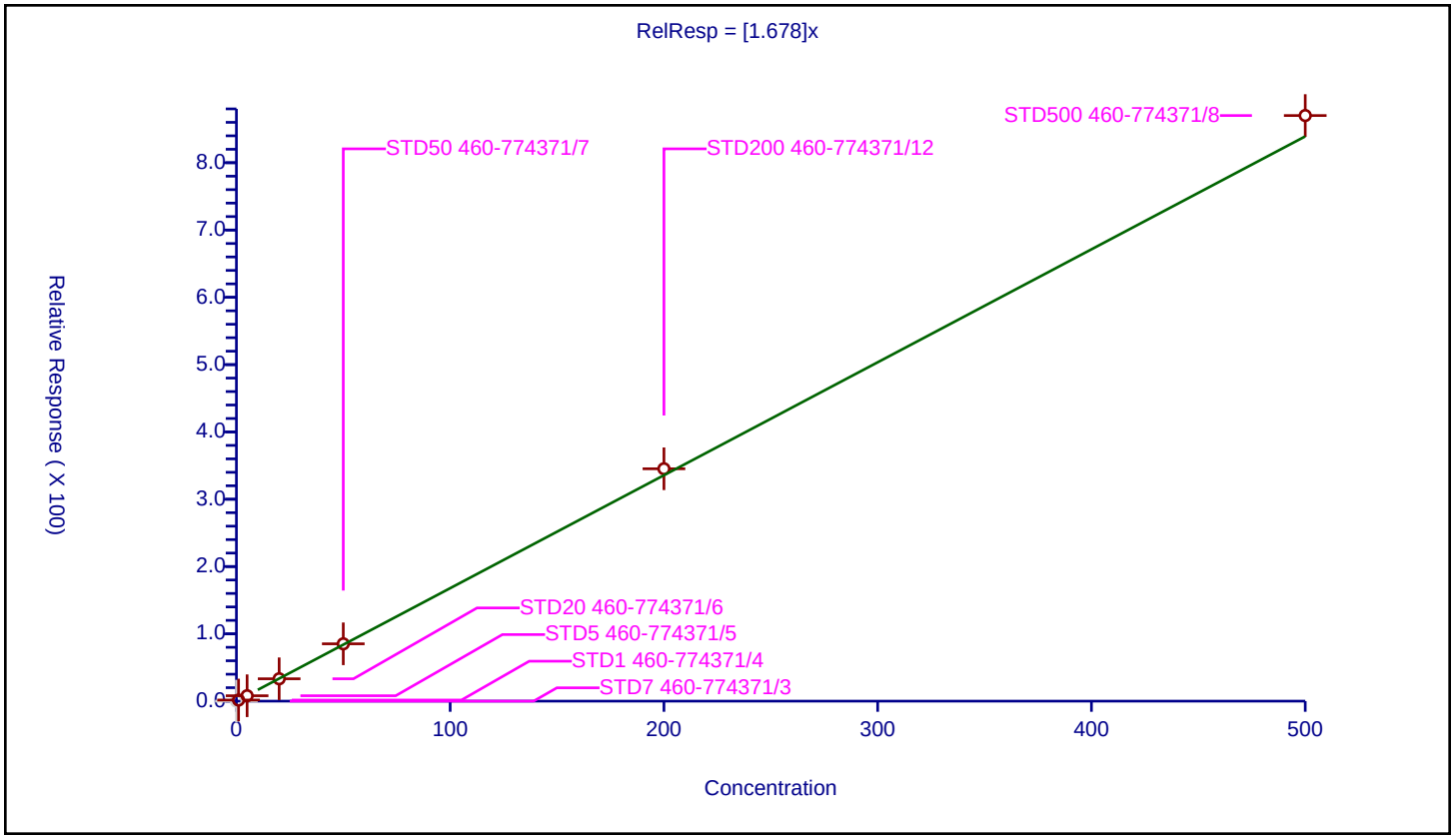
Curve Coefficients

Intercept:	0
Slope:	1.678

Error Coefficients

Standard Error:	2260000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	1.632098	50.0	254519.0	1.632098	Y
3	STD5 460-774371/5	5.0	8.025686	50.0	255785.0	1.605137	Y
4	STD20 460-774371/6	20.0	33.24155	50.0	253678.0	1.662078	Y
5	STD50 460-774371/7	50.0	85.183223	50.0	256763.0	1.703664	Y
6	STD200 460-774371/12	200.0	345.277529	50.0	270494.0	1.726388	Y
7	STD500 460-774371/8	500.0	870.123488	50.0	268932.0	1.740247	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

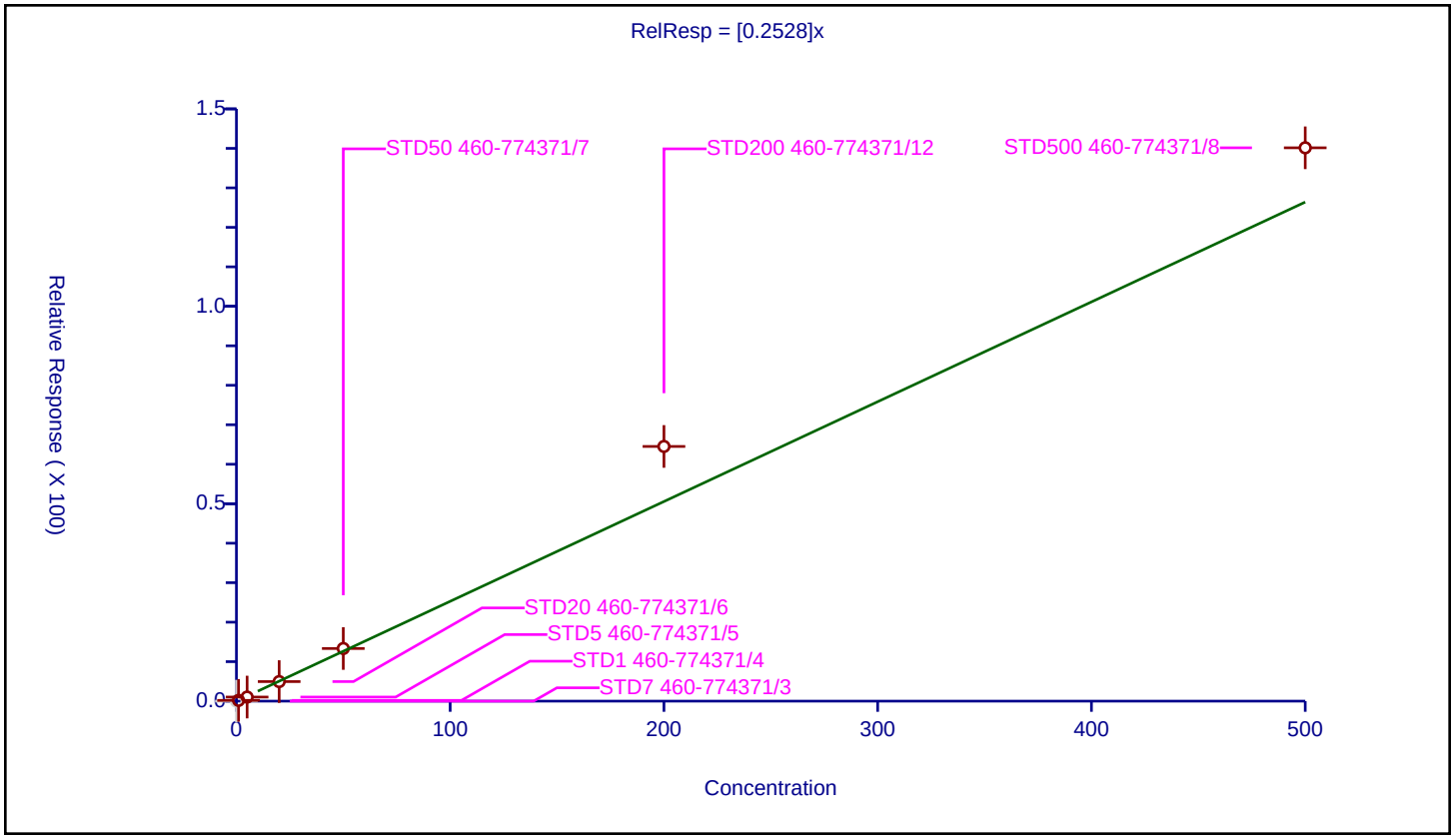
Curve Coefficients

Intercept:	0
Slope:	0.2528

Error Coefficients

Standard Error:	373000
Relative Standard Error:	19.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.192716	50.0	254519.0	0.192716	Y
3	STD5 460-774371/5	5.0	1.034658	50.0	255785.0	0.206932	Y
4	STD20 460-774371/6	20.0	4.951356	50.0	253678.0	0.247568	Y
5	STD50 460-774371/7	50.0	13.335449	50.0	256763.0	0.266709	Y
6	STD200 460-774371/12	200.0	64.507531	50.0	270494.0	0.322538	Y
7	STD500 460-774371/8	500.0	140.147881	50.0	268932.0	0.280296	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

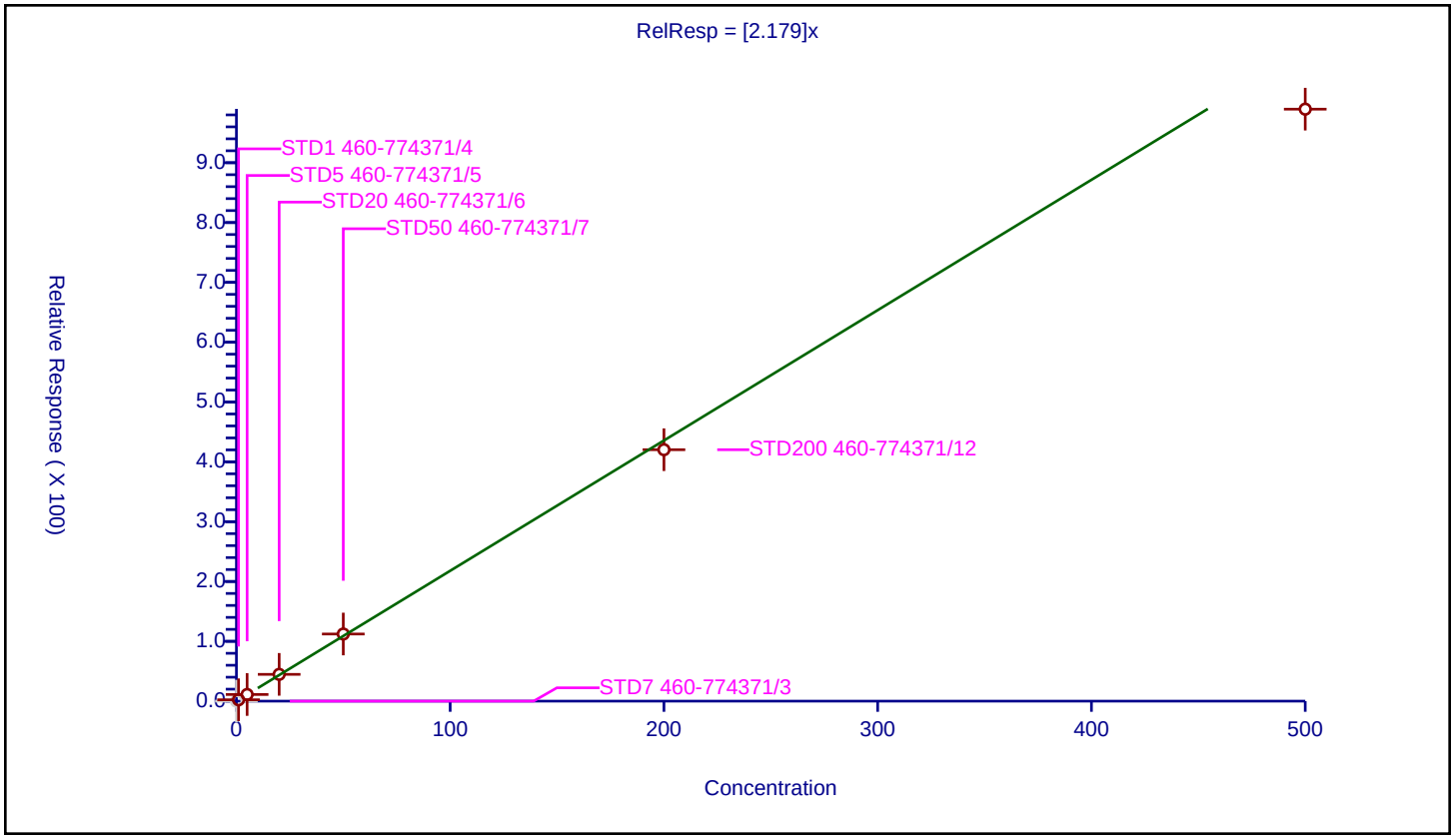
Curve Coefficients

Intercept:	0
Slope:	2.179

Error Coefficients

Standard Error:	2600000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	2.282148	50.0	254519.0	2.282148	Y
3	STD5 460-774371/5	5.0	11.126532	50.0	255785.0	2.225306	Y
4	STD20 460-774371/6	20.0	44.777434	50.0	253678.0	2.238872	Y
5	STD50 460-774371/7	50.0	112.22314	50.0	256763.0	2.244463	Y
6	STD200 460-774371/12	200.0	420.299156	50.0	270494.0	2.101496	Y
7	STD500 460-774371/8	500.0	989.561488	50.0	268932.0	1.979123	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

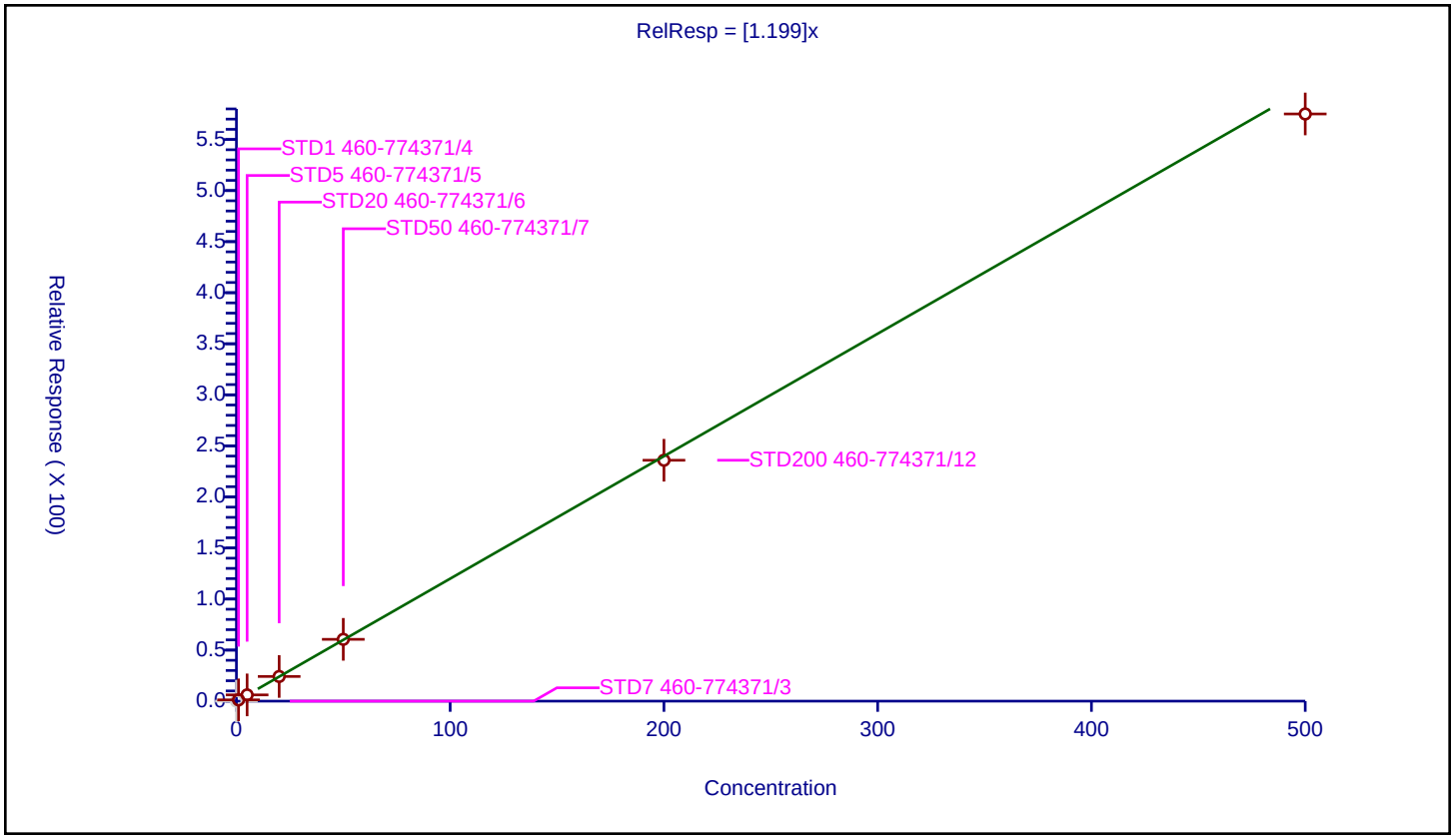
Curve Coefficients

Intercept:	0
Slope:	1.199

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	1.226038	50.0	254519.0	1.226038	Y
3	STD5 460-774371/5	5.0	6.112555	50.0	255785.0	1.222511	Y
4	STD20 460-774371/6	20.0	24.15917	50.0	253678.0	1.207959	Y
5	STD50 460-774371/7	50.0	60.522155	50.0	256763.0	1.210443	Y
6	STD200 460-774371/12	200.0	235.899318	50.0	270494.0	1.179497	Y
7	STD500 460-774371/8	500.0	575.043877	50.0	268932.0	1.150088	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

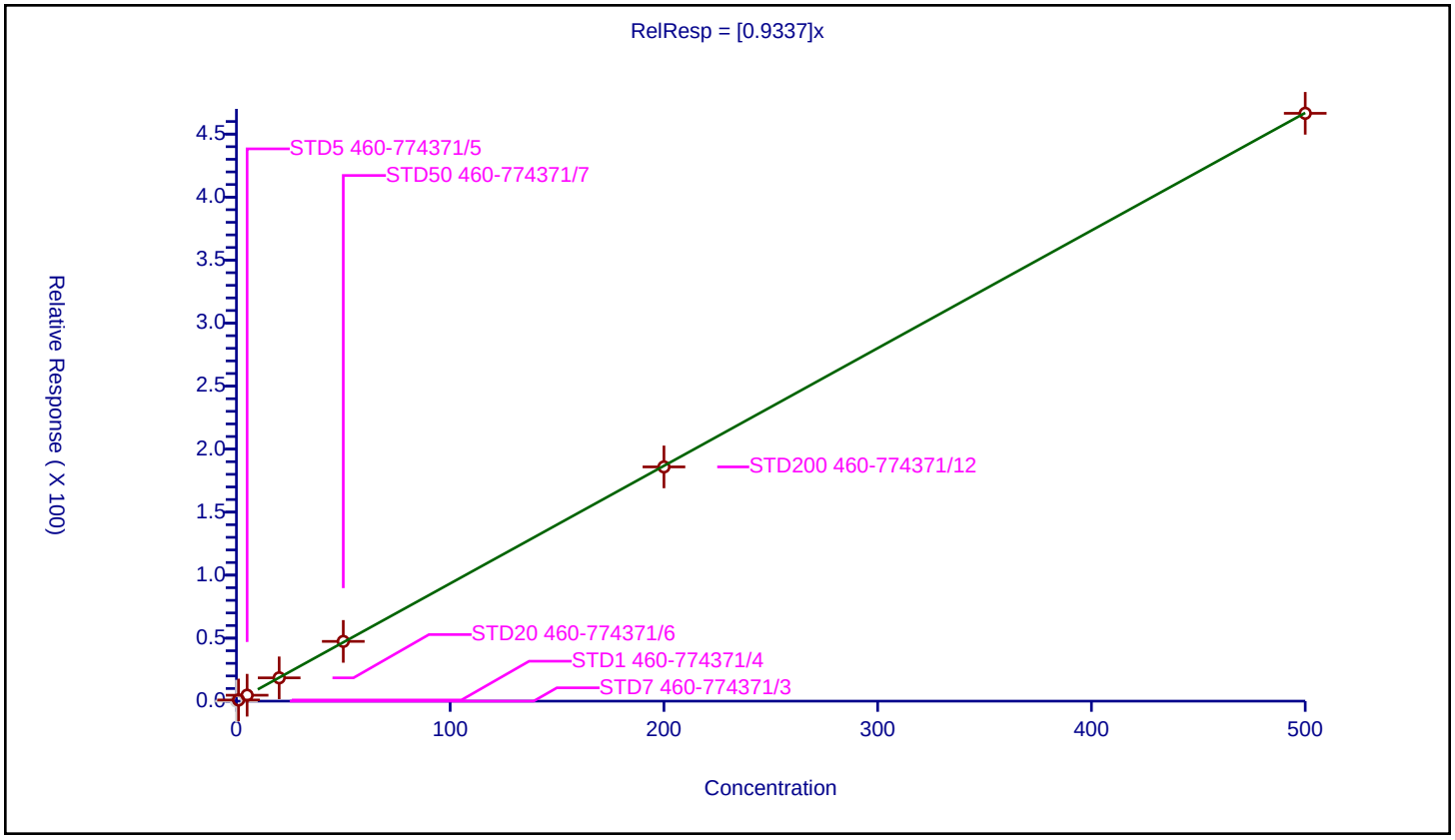
Curve Coefficients

Intercept:	0
Slope:	0.9337

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	1.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.924096	50.0	254519.0	0.924096	Y
3	STD5 460-774371/5	5.0	4.712943	50.0	255785.0	0.942589	Y
4	STD20 460-774371/6	20.0	18.493917	50.0	253678.0	0.924696	Y
5	STD50 460-774371/7	50.0	47.425447	50.0	256763.0	0.948509	Y
6	STD200 460-774371/12	200.0	185.883236	50.0	270494.0	0.929416	Y
7	STD500 460-774371/8	500.0	466.481118	50.0	268932.0	0.932962	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

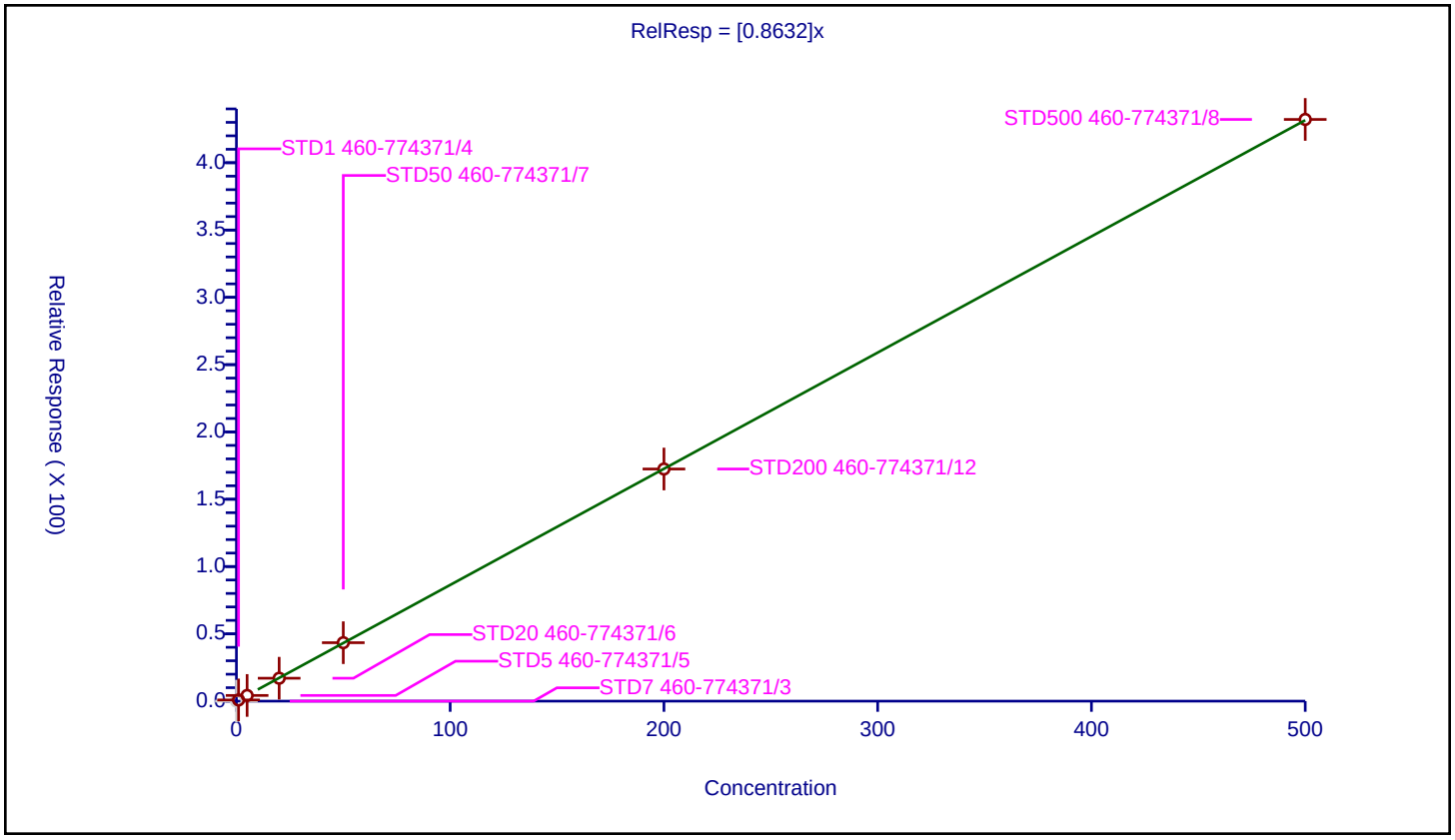
Curve Coefficients

Intercept:	0
Slope:	0.8632

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.890307	50.0	254519.0	0.890307	Y
3	STD5 460-774371/5	5.0	4.214672	50.0	255785.0	0.842934	Y
4	STD20 460-774371/6	20.0	17.017637	50.0	253678.0	0.850882	Y
5	STD50 460-774371/7	50.0	43.419613	50.0	256763.0	0.868392	Y
6	STD200 460-774371/12	200.0	172.451515	50.0	270494.0	0.862258	Y
7	STD500 460-774371/8	500.0	432.163893	50.0	268932.0	0.864328	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

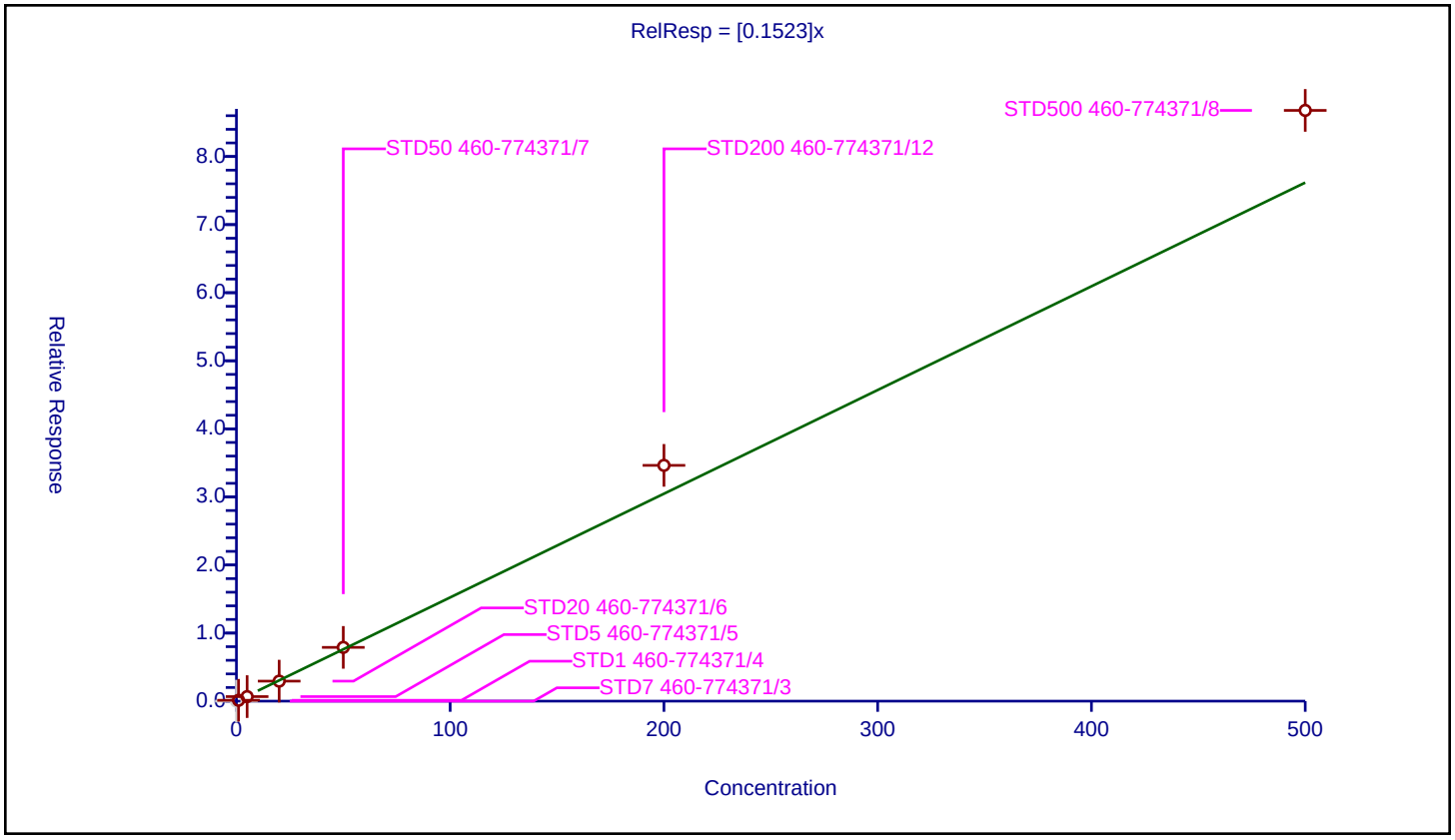
Curve Coefficients

Intercept:	0
Slope:	0.1523

Error Coefficients

Standard Error:	226000
Relative Standard Error:	12.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.128871	50.0	254519.0	0.128871	Y
3	STD5 460-774371/5	5.0	0.667944	50.0	255785.0	0.133589	Y
4	STD20 460-774371/6	20.0	2.938568	50.0	253678.0	0.146928	Y
5	STD50 460-774371/7	50.0	7.897555	50.0	256763.0	0.157951	Y
6	STD200 460-774371/12	200.0	34.634594	50.0	270494.0	0.173173	Y
7	STD500 460-774371/8	500.0	86.775653	50.0	268932.0	0.173551	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

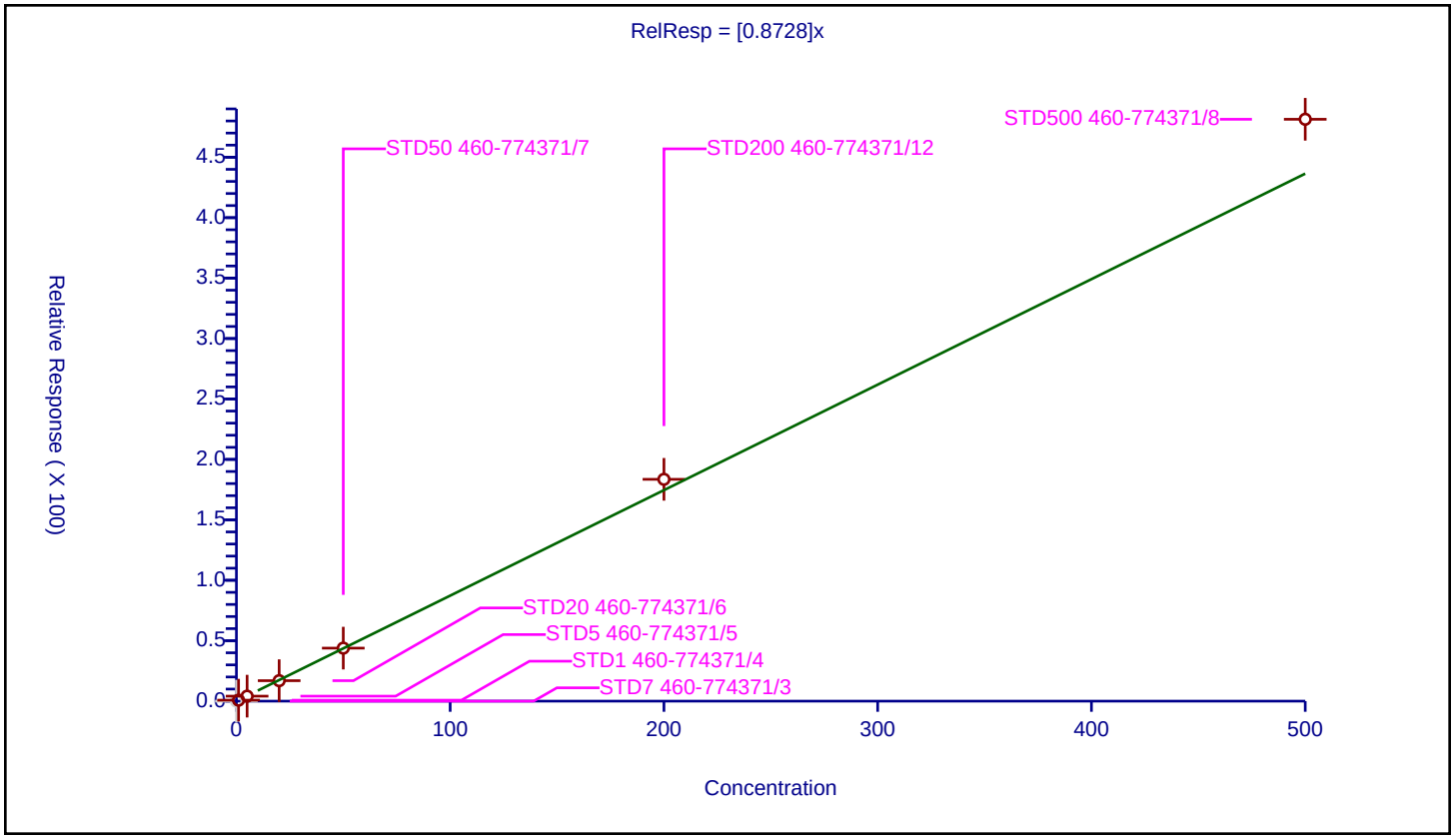
Curve Coefficients

Intercept:	0
Slope:	0.8728

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.807405	50.0	254519.0	0.807405	Y
3	STD5 460-774371/5	5.0	4.122603	50.0	255785.0	0.824521	Y
4	STD20 460-774371/6	20.0	16.94333	50.0	253678.0	0.847166	Y
5	STD50 460-774371/7	50.0	43.87217	50.0	256763.0	0.877443	Y
6	STD200 460-774371/12	200.0	183.530873	50.0	270494.0	0.917654	Y
7	STD500 460-774371/8	500.0	481.408683	50.0	268932.0	0.962817	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

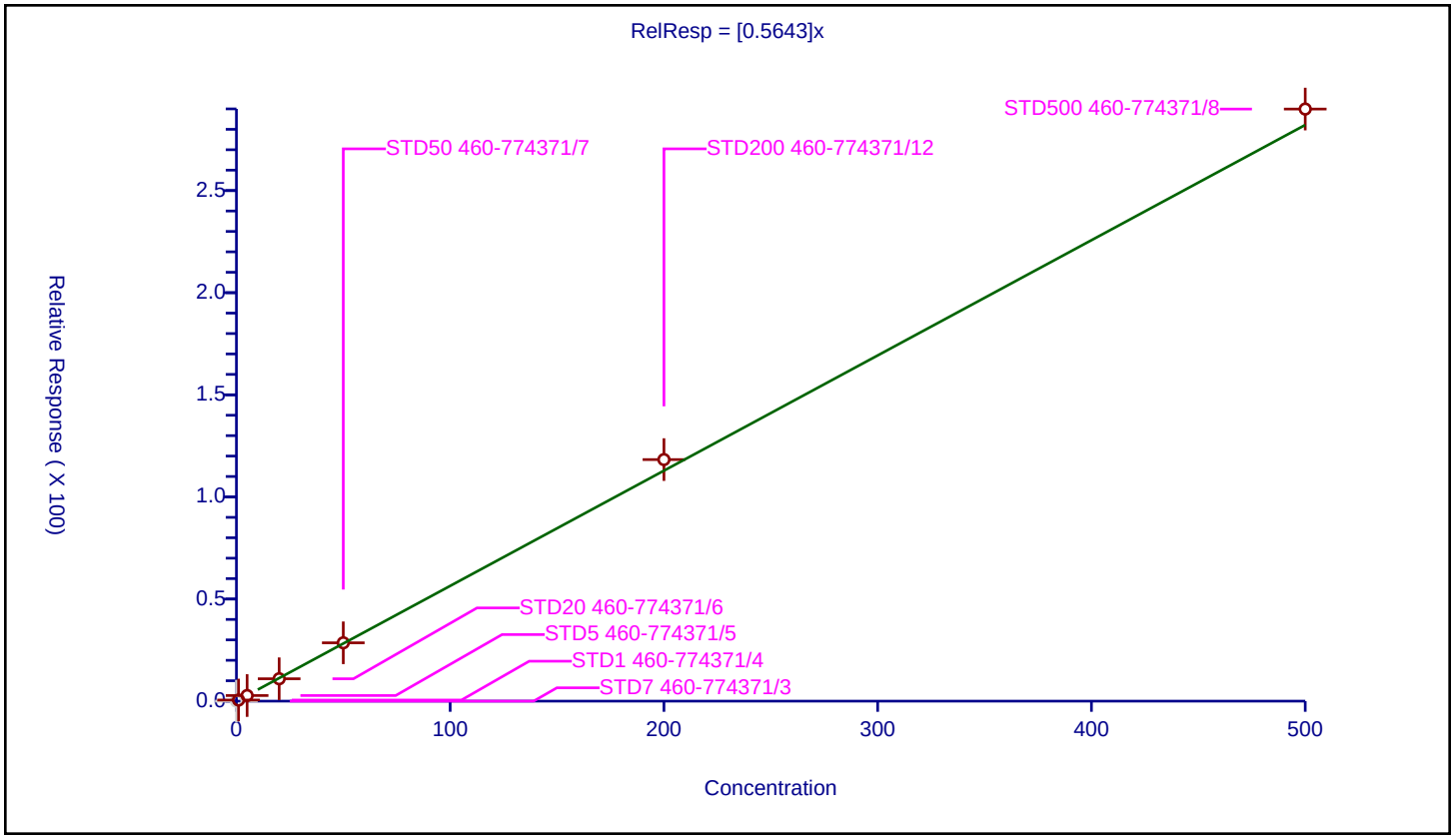
Curve Coefficients

Intercept:	0
Slope:	0.5643

Error Coefficients

Standard Error:	757000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.546521	50.0	254519.0	0.546521	Y
3	STD5 460-774371/5	5.0	2.741365	50.0	255785.0	0.548273	Y
4	STD20 460-774371/6	20.0	10.964885	50.0	253678.0	0.548244	Y
5	STD50 460-774371/7	50.0	28.562527	50.0	256763.0	0.571251	Y
6	STD200 460-774371/12	200.0	118.27693	50.0	270494.0	0.591385	Y
7	STD500 460-774371/8	500.0	289.924219	50.0	268932.0	0.579848	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

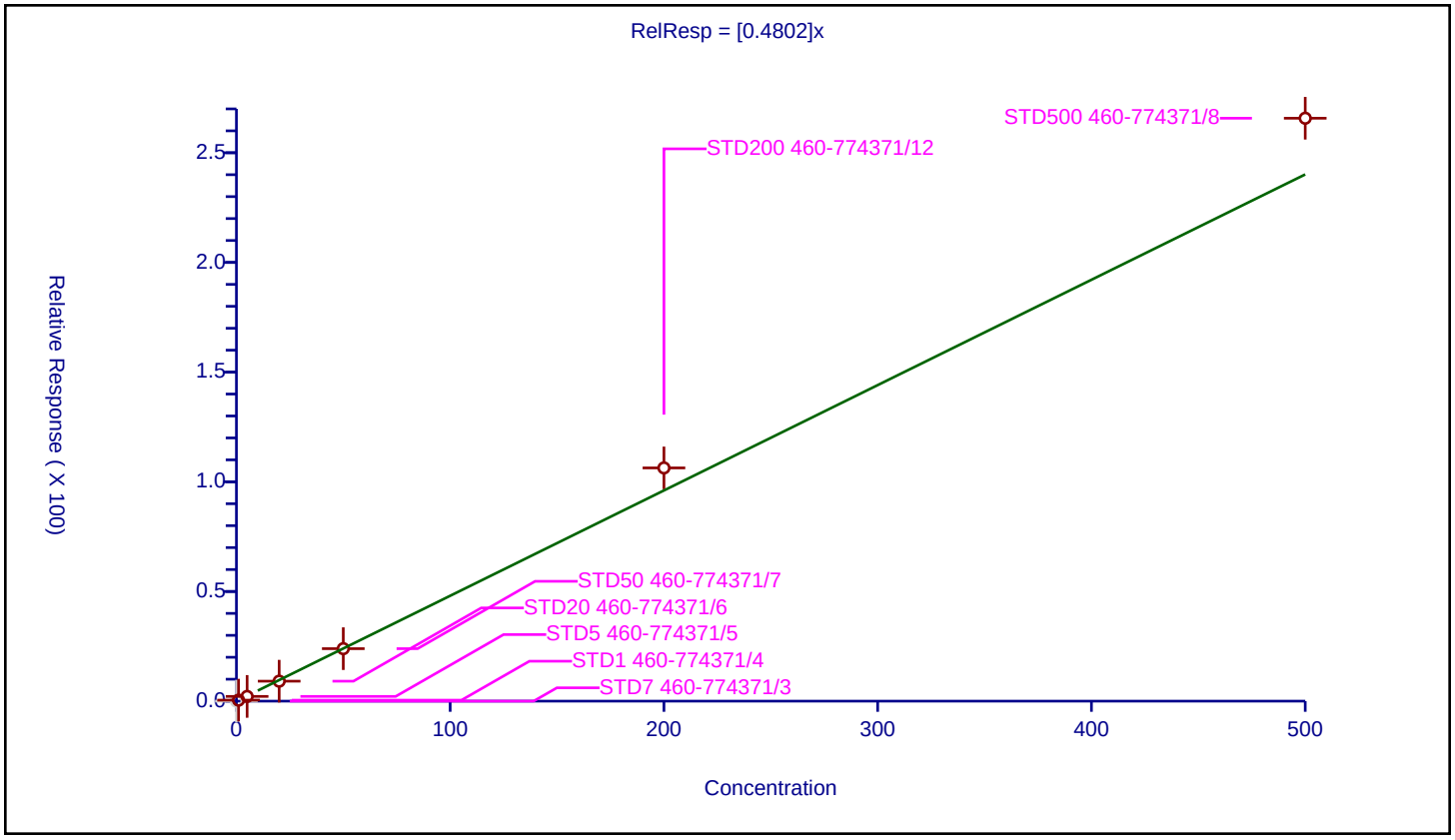
Curve Coefficients

Intercept:	0
Slope:	0.4802

Error Coefficients

Standard Error:	691000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.453994	50.0	254519.0	0.453994	Y
3	STD5 460-774371/5	5.0	2.153566	50.0	255785.0	0.430713	Y
4	STD20 460-774371/6	20.0	9.102484	50.0	253678.0	0.455124	Y
5	STD50 460-774371/7	50.0	23.925955	50.0	256763.0	0.478519	Y
6	STD200 460-774371/12	200.0	106.325833	50.0	270494.0	0.531629	Y
7	STD500 460-774371/8	500.0	265.740224	50.0	268932.0	0.53148	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

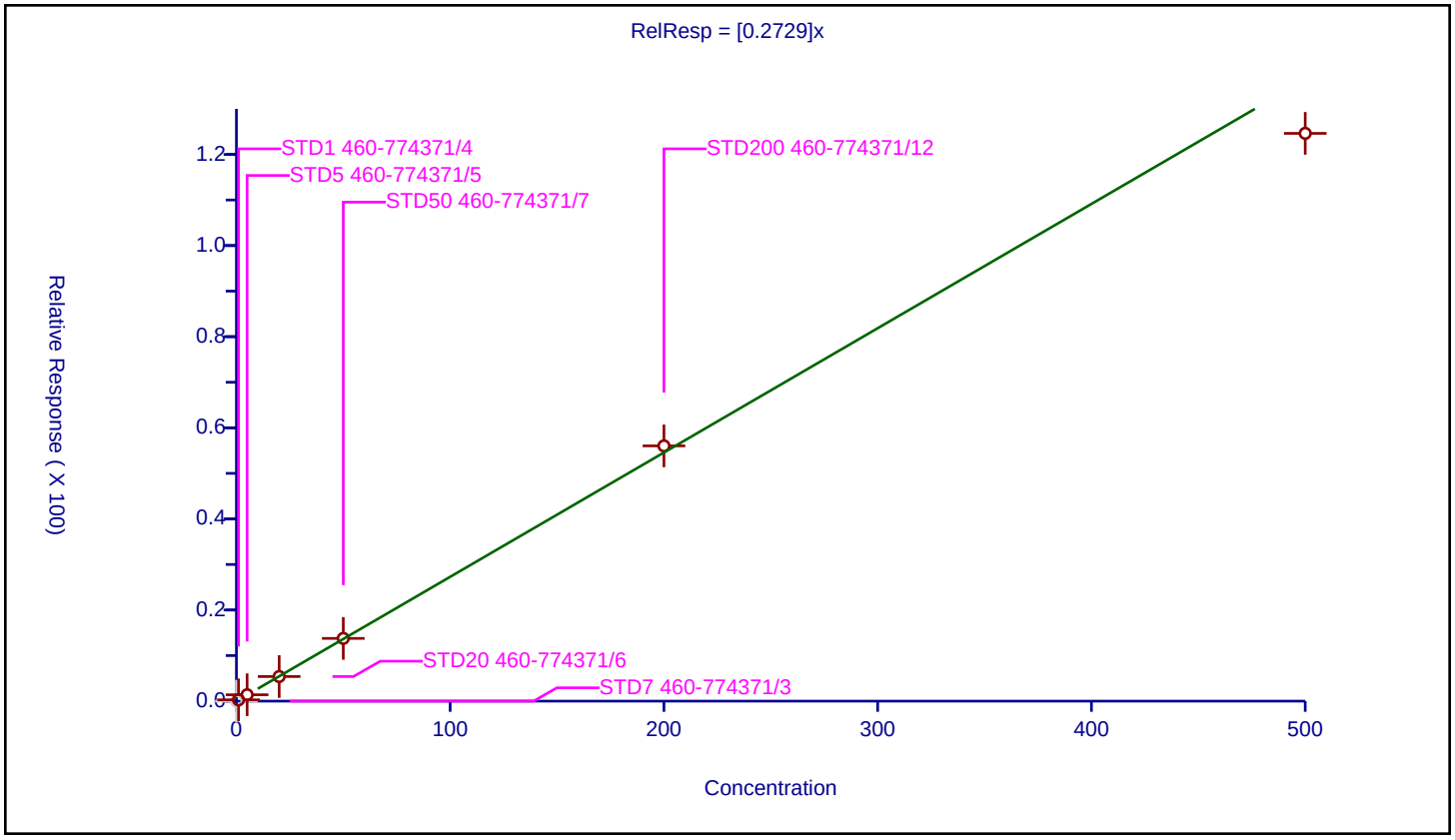
Curve Coefficients

Intercept:	0
Slope:	0.2729

Error Coefficients

Standard Error:	331000
Relative Standard Error:	4.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.282101	50.0	254519.0	0.282101	Y
3	STD5 460-774371/5	5.0	1.400199	50.0	255785.0	0.28004	Y
4	STD20 460-774371/6	20.0	5.401533	50.0	253678.0	0.270077	Y
5	STD50 460-774371/7	50.0	13.773012	50.0	256763.0	0.27546	Y
6	STD200 460-774371/12	200.0	56.035809	50.0	270494.0	0.280179	Y
7	STD500 460-774371/8	500.0	124.628159	50.0	268932.0	0.249256	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

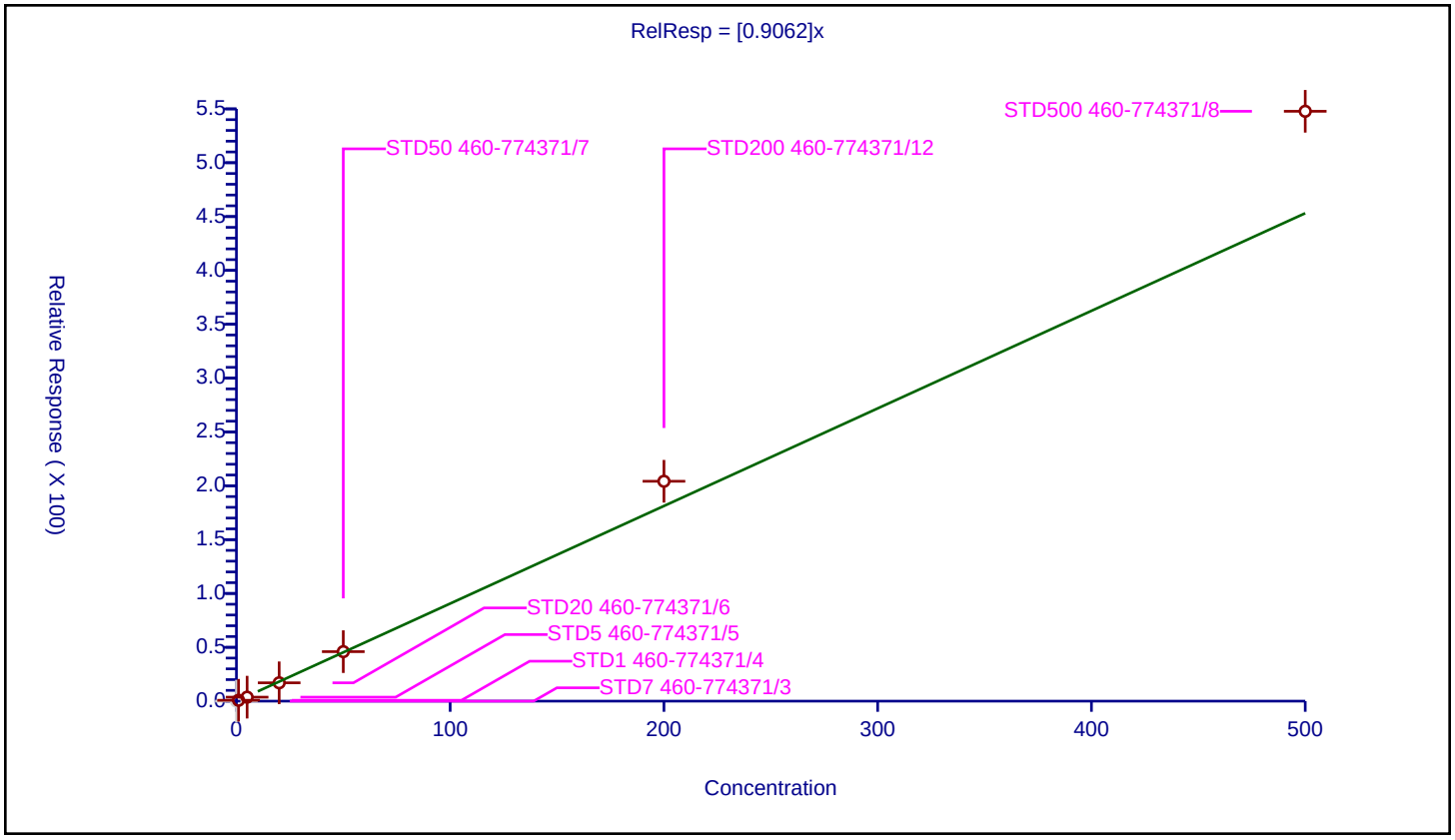
Curve Coefficients

Intercept:	0
Slope:	0.9062

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	14.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.812906	50.0	254519.0	0.812906	Y
3	STD5 460-774371/5	5.0	3.686299	50.0	255785.0	0.73726	Y
4	STD20 460-774371/6	20.0	17.023747	50.0	253678.0	0.851187	Y
5	STD50 460-774371/7	50.0	45.963788	50.0	256763.0	0.919276	Y
6	STD200 460-774371/12	200.0	204.181424	50.0	270494.0	1.020907	Y
7	STD500 460-774371/8	500.0	547.778621	50.0	268932.0	1.095557	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

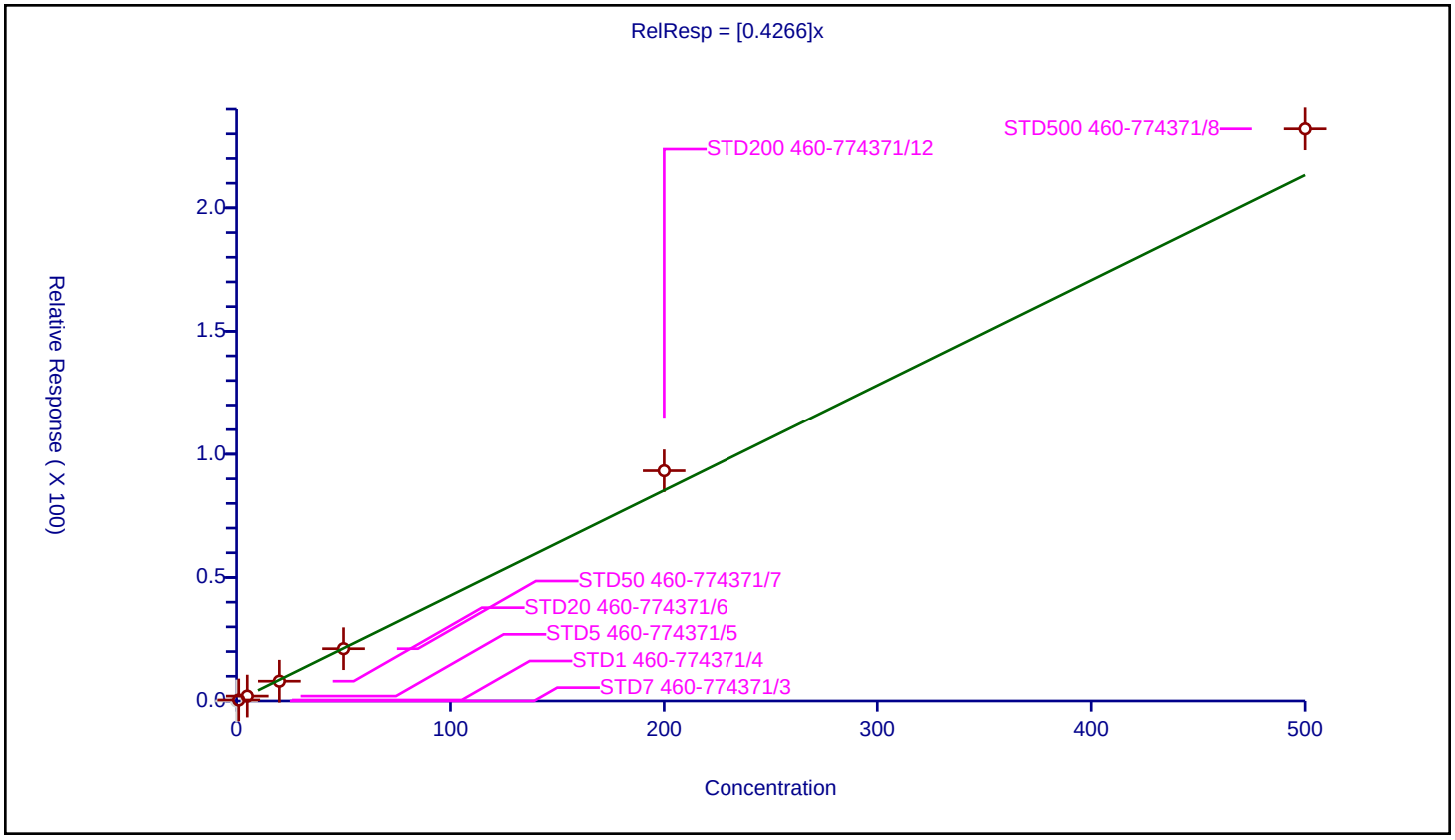
Curve Coefficients

Intercept:	0
Slope:	0.4266

Error Coefficients

Standard Error:	604000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-774371/3	0.0	0.0	50.0	254945.0	NaN	N
2	STD1 460-774371/4	1.0	0.409007	50.0	254519.0	0.409007	Y
3	STD5 460-774371/5	5.0	1.98487	50.0	255785.0	0.396974	Y
4	STD20 460-774371/6	20.0	8.001876	50.0	253678.0	0.400094	Y
5	STD50 460-774371/7	50.0	21.161149	50.0	256763.0	0.423223	Y
6	STD200 460-774371/12	200.0	93.280627	50.0	270494.0	0.466403	Y
7	STD500 460-774371/8	500.0	232.035979	50.0	268932.0	0.464072	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: ICV 460-774371/16 Calibration Date: 04/28/2021 04:08

Instrument ID: CVOAMS12 Calib Start Date: 04/27/2021 22:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/28/2021 02:27

Lab File ID: O71957.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.7570	0.5951		15.7	20.0	-21.4	30.0
Dichlorodifluoromethane	Ave	0.3595	0.3765	0.1000	20.9	20.0	4.7	30.0
Chlorodifluoromethane	Ave	0.0517	0.0462		17.9	20.0	-10.6	30.0
Chloromethane	Ave	0.4003	0.3677	0.1000	18.4	20.0	-8.1	30.0
Vinyl chloride	Ave	0.3202	0.3405	0.1000	21.3	20.0	6.3	30.0
Butadiene	Ave	0.2976	0.2901		19.5	20.0	-2.5	30.0
Bromomethane	Ave	0.1470	0.1854	0.1000	25.2	20.0	26.2	30.0
Chloroethane	Ave	0.1929	0.1966	0.1000	20.4	20.0	1.9	30.0
Dichlorofluoromethane	Ave	0.4373	0.4594		21.0	20.0	5.1	30.0
Trichlorofluoromethane	Ave	0.3549	0.3624	0.1000	20.4	20.0	2.1	30.0
Pentane	Ave	0.0418	0.0474		45.4	40.0	13.4	30.0
Ethanol	QuaF		0.0592		831	800	3.9	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1893	0.1850		19.5	20.0	-2.3	30.0
Ethyl ether	Ave	0.1972	0.2098		21.3	20.0	6.4	30.0
2-Methyl-1,3-butadiene	Ave	0.2190	0.2262		20.7	20.0	3.3	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3011	0.2884		19.2	20.0	-4.2	30.0
Acrolein	Ave	0.4013	0.2263		22.6	40.1	-43.6*	30.0
1,1-Dichloroethene	Ave	0.1976	0.1981	0.1000	20.1	20.0	0.3	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1935	0.2018	0.1000	20.9	20.0	4.3	30.0
Acetone	Ave	0.1685	0.1542	0.0500	91.6	100	-8.4	30.0
Iodomethane	QuaF		0.1388		20.0	20.0	-0.2	30.0
Isopropyl alcohol	Ave	0.5898	0.5365		182	200	-9.0	30.0
Carbon disulfide	Ave	0.6929	0.6873	0.1000	19.8	20.0	-0.8	30.0
3-Chloro-1-propene	Ave	0.1585	0.1495		18.9	20.0	-5.7	30.0
Acetonitrile	Ave	0.4380	0.4363		199	200	-0.4	30.0
Methyl acetate	Ave	1.408	1.396	0.1000	39.7	40.0	-0.9	30.0
Cyclopentene	Ave	0.5574	0.5539		19.9	20.0	-0.6	30.0
Methylene Chloride	Ave	0.2482	0.2529	0.1000	20.4	20.0	1.9	30.0
2-Methyl-2-propanol	Ave	1.078	1.041		193	200	-3.4	30.0
Acrylonitrile	Ave	0.0696	0.0722		208	200	3.8	30.0
trans-1,2-Dichloroethene	Ave	0.2287	0.2280	0.1000	19.9	20.0	-0.3	30.0
Methyl tert-butyl ether	Ave	0.7025	0.7263	0.1000	20.7	20.0	3.4	30.0
Hexane	Ave	0.3350	0.3438		20.5	20.0	2.6	30.0
1,1-Dichloroethane	Ave	0.4319	0.4167	0.2000	19.3	20.0	-3.5	30.0
Vinyl acetate	Ave	0.4171	0.4054		38.9	40.0	-2.8	30.0
2-Chloro-1,3-butadiene	Ave	0.2223	0.2142		19.3	20.0	-3.6	30.0
Isopropyl ether	Ave	0.8434	0.8506		20.2	20.0	0.9	30.0
Tert-butyl ethyl ether	Ave	0.8110	0.8028		19.8	20.0	-1.0	30.0
cis-1,2-Dichloroethene	Ave	0.2559	0.2560	0.1000	20.0	20.0	0.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: ICV 460-774371/16 Calibration Date: 04/28/2021 04:08

Instrument ID: CVOAMS12 Calib Start Date: 04/27/2021 22:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/28/2021 02:27

Lab File ID: O71957.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.0793	0.0807		20.3	20.0	1.7	30.0
2-Butanone (MEK)	Ave	0.2461	0.2414	0.0500	98.1	100	-1.9	30.0
Propionitrile	Ave	0.2788	0.2531		182	200	-9.2	30.0
Ethyl acetate	Ave	0.2125	0.2041		38.4	40.0	-4.0	30.0
Methyl acrylate	Ave	0.2385	0.2416		20.3	20.0	1.3	30.0
Methacrylonitrile	Ave	0.0958	0.0962		201	200	0.4	30.0
Chlorobromomethane	Ave	0.1190	0.1188		20.0	20.0	-0.2	30.0
Tetrahydrofuran	Ave	0.6506	0.5837		35.9	40.0	-10.3	30.0
Chloroform	Ave	0.4043	0.3965	0.2000	19.6	20.0	-1.9	30.0
1,1,1-Trichloroethane	Ave	0.3637	0.3463	0.1000	19.0	20.0	-4.8	30.0
Cyclohexane	Ave	0.3442	0.3459	0.1000	20.1	20.0	0.5	30.0
1,1-Dichloropropene	Ave	0.3424	0.3232		18.9	20.0	-5.6	30.0
Carbon tetrachloride	Ave	0.2910	0.2803	0.1000	19.3	20.0	-3.7	30.0
Isobutyl alcohol	Ave	0.5202	0.5148		495	500	-1.0	30.0
Benzene	Ave	1.179	1.169	0.5000	19.8	20.0	-0.8	30.0
1,2-Dichloroethane	Ave	0.3357	0.3293	0.1000	19.6	20.0	-1.9	30.0
Isooctane	Ave	0.5899	0.5913		20.0	20.0	0.2	30.0
Isopropyl acetate	Ave	0.0936	0.0986		21.1	20.0	5.3	30.0
Tert-amyl methyl ether	Ave	0.7377	0.7359		20.0	20.0	-0.2	30.0
n-Heptane	Ave	0.2739	0.2719		19.9	20.0	-0.7	30.0
n-Butanol	Ave	0.3588	0.3267		455	500	-8.9	30.0
Trichloroethene	Ave	0.2498	0.2447	0.2000	19.6	20.0	-2.0	30.0
Ethyl acrylate	Ave	0.3319	0.3375		20.3	20.0	1.7	30.0
Methylcyclohexane	Ave	0.3895	0.3948	0.1000	20.3	20.0	1.4	30.0
1,2-Dichloropropane	Ave	0.2635	0.2667	0.1000	20.2	20.0	1.2	30.0
Dibromomethane	Ave	0.1447	0.1483		20.5	20.0	2.5	30.0
1,4-Dioxane	Ave	0.9813	1.016		414	400	3.5	30.0
Methyl methacrylate	Ave	0.0695	0.0726		41.8	40.0	4.5	30.0
n-Propyl acetate	Ave	0.3884	0.4103		21.1	20.0	5.6	30.0
Dichlorobromomethane	Ave	0.3147	0.3190	0.2000	20.3	20.0	1.4	30.0
2-Nitropropane	Ave	0.0680	0.0653		38.4	40.0	-3.9	30.0
2-Chloroethyl vinyl ether	Ave	0.1659	0.1534		18.5	20.0	-7.5	30.0
Epichlorohydrin	Ave	0.2067	0.2682		26.0	20.0	29.8	30.0
cis-1,3-Dichloropropene	Ave	0.5159	0.5308	0.2000	20.6	20.0	2.9	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.219	2.267	0.0500	102	100	2.1	30.0
Toluene	Ave	1.278	1.255	0.4000	19.6	20.0	-1.8	30.0
trans-1,3-Dichloropropene	Ave	0.4757	0.4604	0.1000	19.4	20.0	-3.2	30.0
Ethyl methacrylate	Ave	0.4103	0.4157		20.3	20.0	1.3	30.0
1,1,2-Trichloroethane	Ave	0.2270	0.2401	0.1000	21.1	20.0	5.7	30.0
Tetrachloroethene	Ave	0.3185	0.3159	0.2000	19.8	20.0	-0.8	30.0
1,3-Dichloropropane	Ave	0.4861	0.5037		20.7	20.0	3.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: ICV 460-774371/16 Calibration Date: 04/28/2021 04:08

Instrument ID: CVOAMS12 Calib Start Date: 04/27/2021 22:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/28/2021 02:27

Lab File ID: O71957.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.569	1.676	0.0500	107	100	6.8	30.0
Chlorodibromomethane	Ave	0.2849	0.2965	0.1000	20.8	20.0	4.1	30.0
n-Butyl acetate	Ave	0.5240	0.5330		20.3	20.0	1.7	30.0
Ethylene Dibromide	Ave	0.2835	0.2913	0.1000	20.6	20.0	2.8	30.0
Chlorobenzene	Ave	0.8519	0.8421	0.5000	19.8	20.0	-1.1	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2867	0.2835		19.8	20.0	-1.1	30.0
Ethylbenzene	Ave	0.4582	0.4497	0.1000	19.6	20.0	-1.9	30.0
m-Xylene & p-Xylene	Ave	0.5749	0.5726	0.1000	19.9	20.0	-0.4	30.0
o-Xylene	Ave	0.5662	0.5672	0.3000	20.0	20.0	0.2	30.0
Styrene	Ave	0.9378	0.9305	0.3000	19.8	20.0	-0.8	30.0
n-Butyl acrylate	Ave	0.2335	0.2520		21.6	20.0	7.9	30.0
Bromoform	Ave	0.1851	0.1873	0.1000	20.2	20.0	1.2	30.0
Amyl acetate (mixed isomers)	Ave	1.158	1.246		21.5	20.0	7.6	30.0
Isopropylbenzene	Ave	1.419	1.426	0.1000	20.1	20.0	0.5	30.0
Bromobenzene	Ave	0.6952	0.6782		19.5	20.0	-2.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6844	0.7119	0.3000	20.8	20.0	4.0	30.0
1,2,3-Trichloropropane	Ave	0.2058	0.2142		20.8	20.0	4.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2149	0.2127		19.8	20.0	-1.0	30.0
N-Propylbenzene	Ave	2.993	2.965		19.8	20.0	-0.9	30.0
2-Chlorotoluene	Ave	1.866	1.847		19.8	20.0	-1.0	30.0
4-Ethyltoluene	Ave	2.447	2.453		20.0	20.0	0.2	30.0
4-Chlorotoluene	Ave	1.882	1.876		19.9	20.0	-0.3	30.0
1,3,5-Trimethylbenzene	Ave	1.754	1.747		19.9	20.0	-0.4	30.0
Butyl Methacrylate	Ave	0.7571	0.7783		20.6	20.0	2.8	30.0
tert-Butylbenzene	Ave	1.873	1.849		19.8	20.0	-1.2	30.0
1,2,4-Trimethylbenzene	Ave	1.685	1.667		19.8	20.0	-1.1	30.0
sec-Butylbenzene	Ave	2.613	2.603		19.9	20.0	-0.4	30.0
1,3-Dichlorobenzene	Ave	1.258	1.239	0.6000	19.7	20.0	-1.5	30.0
1,4-Dichlorobenzene	Ave	1.249	1.216	0.5000	19.5	20.0	-2.6	30.0
4-Isopropyltoluene	Ave	1.996	1.975		19.8	20.0	-1.1	30.0
1,2,3-Trimethylbenzene	Ave	1.678	1.578		18.8	20.0	-6.0	30.0
Benzyl chloride	Ave	0.2528	0.2696		21.3	20.0	6.7	30.0
Indan	Ave	2.179	2.236		20.5	20.0	2.6	30.0
1,2-Dichlorobenzene	Ave	1.199	1.188	0.4000	19.8	20.0	-1.0	30.0
p-Diethylbenzene	Ave	0.9337	1.095		23.5	20.0	17.3	30.0
n-Butylbenzene	Ave	0.8632	0.8467		19.6	20.0	-1.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1523	0.1467	0.0500	19.3	20.0	-3.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	0.8728	0.8701		19.9	20.0	-0.3	30.0
1,3,5-Trichlorobenzene	Ave	0.5643	0.5311		18.8	20.0	-5.9	30.0
1,2,4-Trichlorobenzene	Ave	0.4802	0.4615	0.2000	19.2	20.0	-3.9	30.0
Hexachlorobutadiene	Ave	0.2729	0.2760		20.2	20.0	1.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: ICV 460-774371/16 Calibration Date: 04/28/2021 04:08

Instrument ID: CVOAMS12 Calib Start Date: 04/27/2021 22:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/28/2021 02:27

Lab File ID: O71957.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	0.9062	0.8703		19.2	20.0	-4.0	30.0
1,2,3-Trichlorobenzene	Ave	0.4266	0.4273		20.0	20.0	0.2	30.0
Dibromofluoromethane (Surr)	Ave	0.2461	0.2487		50.5	50.0	1.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3019	0.3083		51.1	50.0	2.2	30.0
Toluene-d8 (Surr)	Ave	1.224	1.256		51.3	50.0	2.6	30.0
4-Bromofluorobenzene	Ave	0.3974	0.4044		50.9	50.0	1.8	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71957.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 28-Apr-2021 04:08:30 ALS Bottle#: 17 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0127714-016
Operator ID: Instrument ID: CVOAMS12
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Apr-2021 20:34:13 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1684

First Level Reviewer: kluseys Date: 28-Apr-2021 20:25:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.842	0.842	0.000	29	1347	NC	NC	
2 Chlorotrifluoroethene	116	0.892	0.892	0.000	90	17687	20.0	15.7	
4 1,1-Difluoroethane	65	0.921	0.907	0.014	87	27928	NC	NC	
3 Dichlorodifluoromethane	85	0.907	0.907	0.000	99	92488	20.0	20.9	
5 Chlorodifluoromethane	67	0.928	0.935	-0.007	96	11356	20.0	17.9	
6 Chloromethane	50	1.035	1.035	0.000	98	90333	20.0	18.4	
7 Vinyl chloride	62	1.064	1.064	0.000	98	83648	20.0	21.3	
8 Butadiene	54	1.078	1.078	0.000	98	71260	20.0	19.5	
9 Bromomethane	94	1.236	1.236	0.000	99	45552	20.0	25.2	
10 Chloroethane	64	1.293	1.293	0.000	100	48303	20.0	20.4	
11 Dichlorofluoromethane	67	1.400	1.400	0.000	99	112850	20.0	21.0	
12 Trichlorofluoromethane	101	1.436	1.429	0.007	100	89029	20.0	20.4	
13 Pentane	72	1.479	1.479	0.000	96	23305	40.0	45.4	
14 Ethanol	46	1.543	1.543	0.000	95	12967	800.0	831.0	
15 Ethyl ether	59	1.600	1.600	0.000	95	51539	20.0	21.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.600	1.600	0.000	94	45455	20.0	19.5	
17 2-Methyl-1,3-butadiene	53	1.615	1.607	0.008	99	55558	20.0	20.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.636	1.636	0.000	95	70836	20.0	19.2	
19 Acrolein	56	1.665	1.672	-0.007	78	2481	40.1	22.6	
20 1,1-Dichloroethene	96	1.729	1.729	0.000	97	48674	20.0	20.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.736	1.736	0.000	98	49564	20.0	20.9	
22 Acetone	58	1.758	1.758	0.000	86	22923	100.0	91.6	
23 Iodomethane	127	1.822	1.815	0.007	98	34092	20.0	20.0	
24 Isopropyl alcohol	45	1.843	1.843	0.000	99	29373	200.0	181.9	
25 Carbon disulfide	76	1.858	1.858	0.000	100	168846	20.0	19.8	
26 Acetonitrile	38	1.944	1.944	0.000	79	23885	200.0	199.2	
27 3-Chloro-1-propene	76	1.944	1.944	0.000	91	36716	20.0	18.9	
28 Methyl acetate	74	1.958	1.958	0.000	100	15283	40.0	39.7	
29 Cyclopentene	67	2.001	2.001	0.000	97	136069	20.0	19.9	
30 Methylene Chloride	84	2.022	2.022	0.000	95	62126	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.044	2.044	0.000	98	273723	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.101	2.101	0.000	99	57012	200.0	193.2	
33 Acrylonitrile	53	2.180	2.179	0.001	94	177377	200.0	207.6	
34 trans-1,2-Dichloroethene	96	2.201	2.201	0.000	97	56013	20.0	19.9	
35 Methyl tert-butyl ether	73	2.208	2.208	0.000	97	178422	20.0	20.7	
36 Hexane	57	2.401	2.401	0.000	93	84452	20.0	20.5	
37 1,1-Dichloroethane	63	2.487	2.487	0.000	100	102375	20.0	19.3	
38 Vinyl acetate	86	2.537	2.537	0.000	100	24099	40.0	38.9	
39 Isopropyl ether	45	2.558	2.558	0.000	89	208962	20.0	20.2	
40 2-Chloro-1,3-butadiene	88	2.558	2.558	0.000	92	52619	20.0	19.3	
41 Tert-butyl ethyl ether	59	2.830	2.830	0.000	89	197212	20.0	19.8	
* 43 2-Butanone-d5	46	2.895	2.894	0.001	98	371529	250.0	250.0	
44 2,2-Dichloropropane	97	2.930	2.923	0.007	82	19820	20.0	20.3	
45 cis-1,2-Dichloroethene	96	2.923	2.923	0.000	92	62880	20.0	20.0	
46 2-Butanone (MEK)	72	2.945	2.945	0.000	99	35872	100.0	98.1	
42 Propionitrile	52	2.980	2.980	0.000	94	13856	200.0	181.5	
47 Ethyl acetate	70	3.002	3.002	0.000	99	12133	40.0	38.4	
48 Methyl acrylate	55	3.030	3.030	0.000	100	59361	20.0	20.3	
50 Methacrylonitrile	67	3.109	3.109	0.000	94	236230	200.0	200.8	
49 Chlorobromomethane	128	3.116	3.116	0.000	90	29188	20.0	20.0	
51 Tetrahydrofuran	42	3.159	3.159	0.000	85	34697	40.0	35.9	
52 Chloroform	83	3.188	3.188	0.000	98	97399	20.0	19.6	
$ 53 Dibromofluoromethane (Surr)	113	3.324	3.324	0.000	97	152746	50.0	50.5	
54 1,1,1-Trichloroethane	97	3.345	3.345	0.000	98	85064	20.0	19.0	
55 Cyclohexane	84	3.395	3.395	0.000	93	84979	20.0	20.1	
56 Carbon tetrachloride	117	3.488	3.488	0.000	95	68845	20.0	19.3	
57 1,1-Dichloropropene	75	3.488	3.488	0.000	94	79388	20.0	18.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.617	3.617	0.000	0	189369	50.0	51.1	
61 Isobutyl alcohol	43	3.631	3.624	0.007	95	70459	500.0	494.9	
59 Benzene	78	3.674	3.674	0.000	96	233938	20.0	19.8	
60 1,2-Dichloroethane	62	3.688	3.681	0.007	97	80897	20.0	19.6	
62 Isooctane	57	3.774	3.774	0.000	95	145248	20.0	20.0	
63 Isopropyl acetate	61	3.781	3.781	0.000	92	24232	20.0	21.1	
64 Tert-amyl methyl ether	73	3.803	3.803	0.000	95	180781	20.0	20.0	
* 65 Fluorobenzene	96	3.938	3.938	0.000	98	614139	50.0	50.0	
66 n-Heptane	43	3.960	3.960	0.000	94	66788	20.0	19.9	
68 n-Butanol	56	4.289	4.289	0.000	90	44712	500.0	455.3	
67 Trichloroethene	95	4.303	4.303	0.000	97	60108	20.0	19.6	
69 Ethyl acrylate	55	4.460	4.460	0.000	99	82907	20.0	20.3	
70 Methylcyclohexane	83	4.503	4.503	0.000	94	96981	20.0	20.3	
71 1,2-Dichloropropane	63	4.532	4.525	0.007	92	65514	20.0	20.2	
* 72 1,4-Dioxane-d8	96	4.639	4.639	0.000	0	37282	1000.0	1000.0	
73 Dibromomethane	93	4.646	4.646	0.000	97	36429	20.0	20.5	
74 1,4-Dioxane	88	4.696	4.696	0.000	95	15151	400.0	414.1	
75 Methyl methacrylate	100	4.711	4.711	0.000	91	35690	40.0	41.8	
76 n-Propyl acetate	43	4.789	4.789	0.000	99	100787	20.0	21.1	
77 Dichlorobromomethane	83	4.839	4.839	0.000	99	78374	20.0	20.3	
78 2-Nitropropane	41	5.104	5.104	0.000	98	32080	40.0	38.4	
79 2-Chloroethyl vinyl ether	63	5.226	5.225	0.001	96	37695	20.0	18.5	
80 Epichlorohydrin	57	5.268	5.261	0.007	98	7972	20.0	26.0	
81 cis-1,3-Dichloropropene	75	5.369	5.368	0.000	96	106245	20.0	20.6	
82 4-Methyl-2-pentanone (MIBK)	43	5.583	5.583	0.000	98	336843	100.0	102.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.690	5.683	0.007	99	628562	50.0	51.3	
84 Toluene	91	5.769	5.769	0.000	94	251180	20.0	19.6	
85 trans-1,3-Dichloropropene	75	6.076	6.069	0.007	98	92160	20.0	19.4	
86 Ethyl methacrylate	69	6.255	6.255	0.000	91	83200	20.0	20.3	
87 1,1,2-Trichloroethane	83	6.298	6.298	0.000	92	48050	20.0	21.1	
88 Tetrachloroethene	166	6.470	6.462	0.008	96	63230	20.0	19.8	
89 1,3-Dichloropropane	76	6.513	6.505	0.008	95	100824	20.0	20.7	
90 2-Hexanone	43	6.691	6.684	0.007	97	249074	100.0	106.8	
91 Chlorodibromomethane	129	6.806	6.799	0.008	99	59350	20.0	20.8	
92 n-Butyl acetate	43	6.920	6.920	0.000	99	106692	20.0	20.3	
93 Ethylene Dibromide	107	6.927	6.927	0.000	97	58303	20.0	20.6	
* 94 Chlorobenzene-d5	117	7.614	7.614	0.000	87	500403	50.0	50.0	
95 Chlorobenzene	112	7.657	7.657	0.000	94	168561	20.0	19.8	
96 1,1,1,2-Tetrachloroethane	131	7.800	7.792	0.008	94	56738	20.0	19.8	
97 Ethylbenzene	106	7.864	7.864	0.000	98	90010	20.0	19.6	
98 m-Xylene & p-Xylene	106	8.050	8.050	0.000	99	114615	20.0	19.9	
99 o-Xylene	106	8.636	8.636	0.000	94	113534	20.0	20.0	
100 Styrene	104	8.672	8.665	0.007	95	186252	20.0	19.8	
101 n-Butyl acrylate	73	8.729	8.729	0.000	97	50439	20.0	21.6	
102 Bromoform	173	8.894	8.886	0.008	96	37499	20.0	20.2	
103 Amyl acetate (mixed isomers)	43	9.122	9.115	0.007	90	134193	20.0	21.5	
104 Isopropylbenzene	105	9.251	9.251	0.000	96	285361	20.0	20.1	
$ 105 4-Bromofluorobenzene	174	9.451	9.444	0.007	90	202358	50.0	50.9	
106 Bromobenzene	156	9.637	9.637	0.000	96	73047	20.0	19.5	
107 1,1,2,2-Tetrachloroethane	83	9.759	9.752	0.007	98	76675	20.0	20.8	
108 1,2,3-Trichloropropane	110	9.773	9.773	0.000	97	23071	20.0	20.8	
109 trans-1,4-Dichloro-2-butene	53	9.859	9.852	0.007	89	22905	20.0	19.8	
110 N-Propylbenzene	91	9.923	9.916	0.007	99	319370	20.0	19.8	
111 2-Chlorotoluene	91	9.995	9.988	0.007	98	198974	20.0	19.8	
112 4-Ethyltoluene	105	10.123	10.123	0.000	99	264224	20.0	20.0	
113 4-Chlorotoluene	91	10.181	10.181	0.000	98	202043	20.0	19.9	
114 1,3,5-Trimethylbenzene	105	10.238	10.238	0.000	93	188205	20.0	19.9	
115 Butyl Methacrylate	87	10.524	10.524	0.000	94	83833	20.0	20.6	
116 tert-Butylbenzene	119	10.753	10.753	0.000	94	199184	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	10.846	10.838	0.008	98	179536	20.0	19.8	
118 sec-Butylbenzene	105	11.124	11.124	0.000	99	280402	20.0	19.9	
119 1,3-Dichlorobenzene	146	11.217	11.217	0.000	96	133439	20.0	19.7	
* 120 1,4-Dichlorobenzene-d4	152	11.332	11.325	0.007	96	269268	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.360	11.360	0.000	96	131016	20.0	19.5	
122 4-Isopropyltoluene	119	11.382	11.382	0.000	98	212671	20.0	19.8	
123 1,2,3-Trimethylbenzene	105	11.482	11.482	0.000	99	169914	20.0	18.8	
124 Benzyl chloride	126	11.582	11.582	0.000	98	29042	20.0	21.3	
125 2,3-Dihydroindene	117	11.718	11.718	0.000	95	240850	20.0	20.5	
126 1,2-Dichlorobenzene	146	11.854	11.847	0.007	95	127914	20.0	19.8	
127 p-Diethylbenzene	119	11.911	11.911	0.000	93	117932	20.0	23.5	
128 n-Butylbenzene	92	11.932	11.932	0.000	96	91196	20.0	19.6	
129 1,2-Dibromo-3-Chloropropane	157	12.748	12.748	0.000	93	15804	20.0	19.3	
130 1,2,4,5-Tetramethylbenzene	119	12.776	12.776	0.000	98	93713	20.0	19.9	
131 1,3,5-Trichlorobenzene	180	12.969	12.969	0.000	97	57207	20.0	18.8	
132 1,2,4-Trichlorobenzene	180	13.541	13.534	0.007	93	49711	20.0	19.2	
133 Hexachlorobutadiene	225	13.713	13.713	0.000	92	29729	20.0	20.2	
134 Naphthalene	128	13.734	13.734	0.000	99	93737	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.942	13.942	0.000	94	46022	20.0	20.0	
S 137 1,2-Dichloroethene, Total	100				0		40.0	39.9	
S 138 Xylenes, Total	100				0		40.0	40.0	
S 139 Total BTEX	1				0		100.0	99.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

8FreonsSS_00031	Amount Added:	20.00	Units: uL	
8260 SP_00138	Amount Added:	20.00	Units: uL	
GAS C SP_00406	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00124	Amount Added:	4.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 28-Apr-2021 20:34:17 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71957.D

Injection Date: 28-Apr-2021 04:08:30 Instrument ID: CVOAMS12 Operator ID:

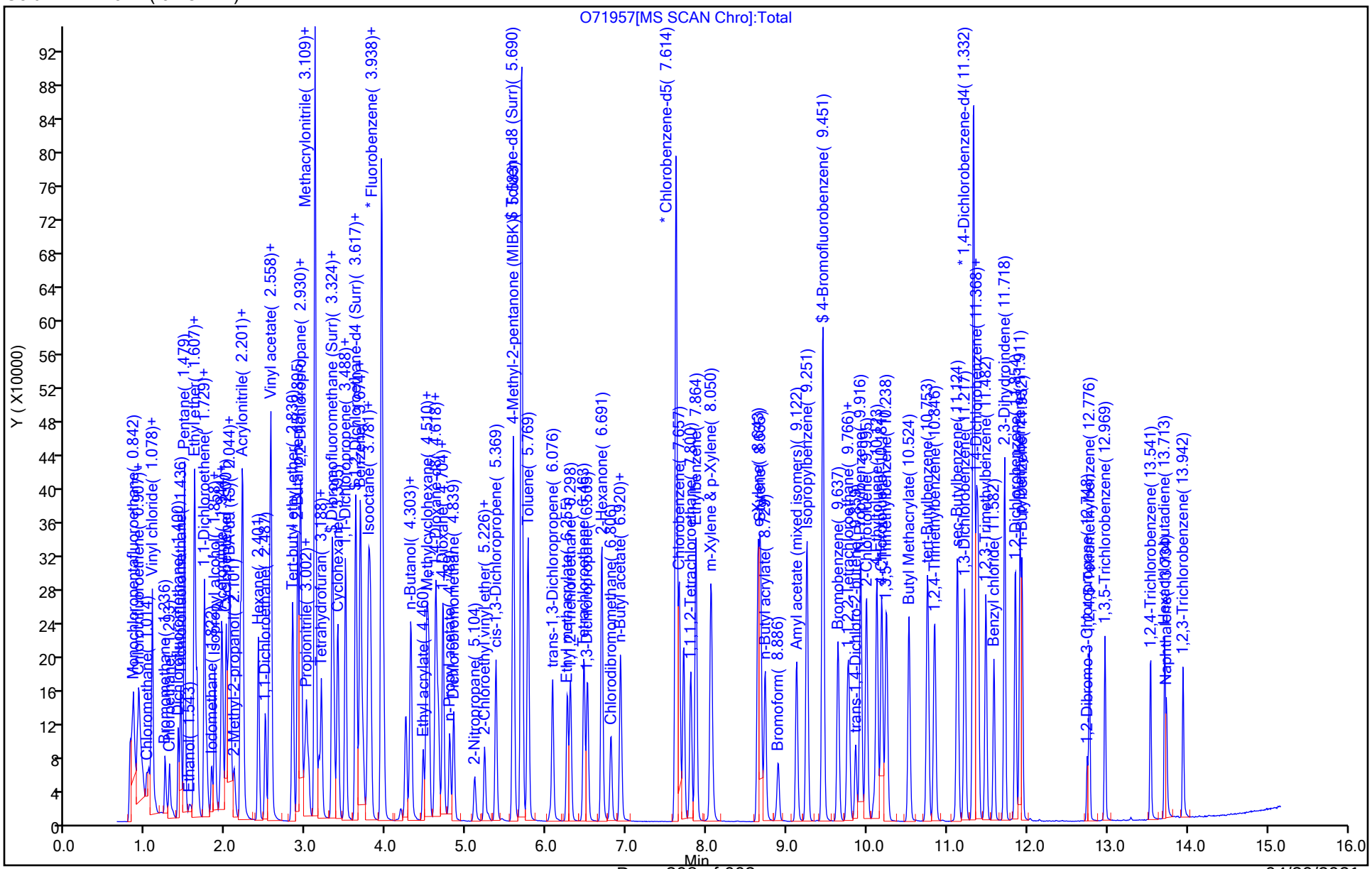
Lims ID: ICV Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: CCVIS 460-774947/2 Calibration Date: 04/30/2021 05:50

Instrument ID: CVOAMS12 Calib Start Date: 04/27/2021 22:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/28/2021 02:27

Lab File ID: O72067.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3595	0.3594	0.1000	20.0	20.0	-0.0	20.0
Chloromethane	Ave	0.4003	0.3020	0.1000	15.1	20.0	-24.5*	20.0
Vinyl chloride	Ave	0.3202	0.3320	0.1000	20.7	20.0	3.7	20.0
Butadiene	Ave	0.2976	0.3211		21.6	20.0	7.9	20.0
Bromomethane	Ave	0.1470	0.0794*	0.1000	10.8	20.0	-46.0	50.0
Chloroethane	Ave	0.1929	0.1886	0.1000	19.6	20.0	-2.2	50.0
Dichlorofluoromethane	Ave	0.4373	0.4379		20.0	20.0	0.1	20.0
Trichlorofluoromethane	Ave	0.3549	0.3696	0.1000	20.8	20.0	4.2	20.0
Pentane	Ave	0.0418	0.0454		43.4	40.0	8.5	20.0
Ethanol	QuaF		0.0631		886	800	10.8	50.0
Ethyl ether	Ave	0.1972	0.1956		19.8	20.0	-0.8	20.0
2-Methyl-1,3-butadiene	Ave	0.2190	0.2307		21.1	20.0	5.3	20.0
Acrolein	Ave	0.4013	0.4022		40.1	40.0	0.2	50.0
1,1-Dichloroethene	Ave	0.1976	0.1888	0.1000	19.1	20.0	-4.4	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1935	0.2066	0.1000	21.4	20.0	6.8	20.0
Acetone	Ave	0.1685	0.1255	0.0500	74.5	100	-25.5	50.0
Iodomethane	QuaF		0.0547		7.82	20.0	-60.9*	20.0
Isopropyl alcohol	Ave	0.5898	0.5230		177	200	-11.3	50.0
Carbon disulfide	Ave	0.6929	0.6773	0.1000	19.6	20.0	-2.2	50.0
3-Chloro-1-propene	Ave	0.1585	0.1398		17.6	20.0	-11.8	20.0
Acetonitrile	Ave	0.4380	0.4883		223	200	11.5	20.0
Methyl acetate	Ave	1.408	1.331	0.1000	37.8	40.0	-5.5	20.0
Cyclopentene	Ave	0.5574	0.5618		20.2	20.0	0.8	20.0
Methylene Chloride	Ave	0.2482	0.2386	0.1000	19.2	20.0	-3.9	20.0
2-Methyl-2-propanol	Ave	1.078	1.008		187	200	-6.5	50.0
Acrylonitrile	Ave	0.0696	0.0610		175	200	-12.3	20.0
trans-1,2-Dichloroethene	Ave	0.2287	0.2149	0.1000	18.8	20.0	-6.0	20.0
Methyl tert-butyl ether	Ave	0.7025	0.6780	0.1000	19.3	20.0	-3.5	20.0
Hexane	Ave	0.3350	0.3564		21.3	20.0	6.4	20.0
1,1-Dichloroethane	Ave	0.4319	0.4162	0.2000	19.3	20.0	-3.6	20.0
Vinyl acetate	Ave	0.4171	0.4661		44.7	40.0	11.8	20.0
Isopropyl ether	Ave	0.8434	0.8658		20.5	20.0	2.7	20.0
2-Chloro-1,3-butadiene	Ave	0.2223	0.2225		20.0	20.0	0.0	20.0
Tert-butyl ethyl ether	Ave	0.8110	0.7933		19.6	20.0	-2.2	20.0
2,2-Dichloropropane	Ave	0.0793	0.0785		19.8	20.0	-1.0	20.0
cis-1,2-Dichloroethene	Ave	0.2559	0.2445	0.1000	19.1	20.0	-4.4	20.0
2-Butanone (MEK)	Ave	0.2461	0.2254	0.0500	91.6	100	-8.4	50.0
Propionitrile	Ave	0.2788	0.2515		180	200	-9.8	20.0
Ethyl acetate	Ave	0.2125	0.2090		39.3	40.0	-1.7	20.0
Methyl acrylate	Ave	0.2385	0.2096		17.6	20.0	-12.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: CCVIS 460-774947/2 Calibration Date: 04/30/2021 05:50

Instrument ID: CVOAMS12 Calib Start Date: 04/27/2021 22:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/28/2021 02:27

Lab File ID: O72067.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methacrylonitrile	Ave	0.0958	0.0886		185	200	-7.5	20.0
Chlorobromomethane	Ave	0.1190	0.1157		19.4	20.0	-2.8	20.0
Tetrahydrofuran	Ave	0.6506	0.5696		35.0	40.0	-12.4	20.0
Chloroform	Ave	0.4043	0.3852	0.2000	19.1	20.0	-4.7	20.0
1,1,1-Trichloroethane	Ave	0.3637	0.3397	0.1000	18.7	20.0	-6.6	20.0
Cyclohexane	Ave	0.3442	0.3532	0.1000	20.5	20.0	2.6	50.0
1,1-Dichloropropene	Ave	0.3424	0.3349		19.6	20.0	-2.2	20.0
Carbon tetrachloride	Ave	0.2910	0.2723	0.1000	18.7	20.0	-6.4	20.0
Isobutyl alcohol	Ave	0.5202	0.4978		478	500	-4.3	50.0
Benzene	Ave	1.179	1.132	0.5000	19.2	20.0	-4.0	20.0
1,2-Dichloroethane	Ave	0.3357	0.3159	0.1000	18.8	20.0	-5.9	20.0
Isooctane	Ave	0.5899	0.6444		21.8	20.0	9.2	20.0
Isopropyl acetate	Ave	0.0936	0.0854		18.2	20.0	-8.8	20.0
Tert-amyl methyl ether	Ave	0.7377	0.7151		19.4	20.0	-3.1	20.0
n-Heptane	Ave	0.2739	0.2818		20.6	20.0	2.9	20.0
n-Butanol	Ave	0.3588	0.3293		459	500	-8.2	50.0
Trichloroethene	Ave	0.2498	0.2374	0.2000	19.0	20.0	-4.9	20.0
Ethyl acrylate	Ave	0.3319	0.2851		17.2	20.0	-14.1	20.0
Methylcyclohexane	Ave	0.3895	0.4119	0.1000	21.2	20.0	5.8	50.0
1,2-Dichloropropane	Ave	0.2635	0.2568	0.1000	19.5	20.0	-2.5	20.0
Dibromomethane	Ave	0.1447	0.1368		18.9	20.0	-5.5	20.0
1,4-Dioxane	Ave	0.9813	0.999		407	400	1.8	50.0
Methyl methacrylate	Ave	0.0695	0.0638		36.7	40.0	-8.2	20.0
n-Propyl acetate	Ave	0.3884	0.3540		18.2	20.0	-8.9	20.0
Dichlorobromomethane	Ave	0.3147	0.2955	0.2000	18.8	20.0	-6.1	20.0
2-Nitropropane	Ave	0.0680	0.0561		33.0	40.0	-17.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1659	0.1568		18.9	20.0	-5.5	20.0
Epichlorohydrin	Ave	0.2067	0.1986		384	400	-3.9	20.0
cis-1,3-Dichloropropene	Ave	0.5159	0.4970	0.2000	19.3	20.0	-3.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.219	2.278	0.0500	103	100	2.7	50.0
Toluene	Ave	1.278	1.210	0.4000	18.9	20.0	-5.3	20.0
trans-1,3-Dichloropropene	Ave	0.4757	0.4477	0.1000	18.8	20.0	-5.9	50.0
Ethyl methacrylate	Ave	0.4103	0.3813		18.6	20.0	-7.1	20.0
1,1,2-Trichloroethane	Ave	0.2270	0.2205	0.1000	19.4	20.0	-2.9	20.0
Tetrachloroethene	Ave	0.3185	0.2993	0.2000	18.8	20.0	-6.0	20.0
1,3-Dichloropropane	Ave	0.4861	0.4771		19.6	20.0	-1.8	20.0
2-Hexanone	Ave	1.569	1.568	0.0500	99.9	100	-0.0	50.0
Chlorodibromomethane	Ave	0.2849	0.2592	0.1000	18.2	20.0	-9.0	50.0
n-Butyl acetate	Ave	0.5240	0.4796		18.3	20.0	-8.5	20.0
Ethylene Dibromide	Ave	0.2835	0.2681	0.1000	18.9	20.0	-5.4	20.0
Chlorobenzene	Ave	0.8519	0.8084	0.5000	19.0	20.0	-5.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: CCVIS 460-774947/2 Calibration Date: 04/30/2021 05:50

Instrument ID: CVOAMS12 Calib Start Date: 04/27/2021 22:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/28/2021 02:27

Lab File ID: O72067.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1,2-Tetrachloroethane	Ave	0.2867	0.2726		19.0	20.0	-4.9	20.0
Ethylbenzene	Ave	0.4582	0.4431	0.1000	19.3	20.0	-3.3	20.0
m-Xylene & p-Xylene	Ave	0.5749	0.5733	0.1000	19.9	20.0	-0.3	20.0
o-Xylene	Ave	0.5662	0.5487	0.3000	19.4	20.0	-3.1	20.0
Styrene	Ave	0.9378	0.9214	0.3000	19.6	20.0	-1.8	20.0
n-Butyl acrylate	Ave	0.2335	0.2258		19.3	20.0	-3.3	20.0
Bromoform	Ave	0.1851	0.1573	0.1000	17.0	20.0	-15.0	20.0
Amyl acetate (mixed isomers)	Ave	1.158	1.117		19.3	20.0	-3.6	20.0
Isopropylbenzene	Ave	1.419	1.376	0.1000	19.4	20.0	-3.0	20.0
Bromobenzene	Ave	0.6952	0.6567		18.9	20.0	-5.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6844	0.6469	0.3000	18.9	20.0	-5.5	20.0
1,2,3-Trichloropropane	Ave	0.2058	0.1913		18.6	20.0	-7.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2149	0.1412		13.1	20.0	-34.3*	20.0
N-Propylbenzene	Ave	2.993	2.876		19.2	20.0	-3.9	20.0
2-Chlorotoluene	Ave	1.866	1.806		19.4	20.0	-3.2	20.0
4-Ethyltoluene	Ave	2.447	2.346		19.2	20.0	-4.2	20.0
4-Chlorotoluene	Ave	1.882	1.744		18.5	20.0	-7.3	20.0
1,3,5-Trimethylbenzene	Ave	1.754	1.651		18.8	20.0	-5.9	20.0
Butyl Methacrylate	Ave	0.7571	0.7128		18.8	20.0	-5.8	20.0
tert-Butylbenzene	Ave	1.873	1.758		18.8	20.0	-6.1	20.0
1,2,4-Trimethylbenzene	Ave	1.685	1.622		19.3	20.0	-3.7	20.0
sec-Butylbenzene	Ave	2.613	2.449		18.7	20.0	-6.3	20.0
1,3-Dichlorobenzene	Ave	1.258	1.189	0.6000	18.9	20.0	-5.4	20.0
1,4-Dichlorobenzene	Ave	1.249	1.159	0.5000	18.6	20.0	-7.2	20.0
4-Isopropyltoluene	Ave	1.996	1.826		18.3	20.0	-8.5	20.0
1,2,3-Trimethylbenzene	Ave	1.678	1.578		18.8	20.0	-6.0	20.0
Benzyl chloride	Ave	0.2528	0.2431		19.2	20.0	-3.8	50.0
Indan	Ave	2.179	2.086		19.2	20.0	-4.2	20.0
1,2-Dichlorobenzene	Ave	1.199	1.140	0.4000	19.0	20.0	-4.9	20.0
p-Diethylbenzene	Ave	0.9337	0.8758		18.8	20.0	-6.2	20.0
n-Butylbenzene	Ave	0.8632	0.7785		18.0	20.0	-9.8	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1523	0.1283	0.0500	16.8	20.0	-15.8	50.0
1,2,4,5-Tetramethylbenzene	Ave	0.8728	1.137		26.1	20.0	30.3*	20.0
1,3,5-Trichlorobenzene	Ave	0.5643	0.5487		19.4	20.0	-2.8	20.0
1,2,4-Trichlorobenzene	Ave	0.4802	0.4586	0.2000	19.1	20.0	-4.5	20.0
Hexachlorobutadiene	Ave	0.2729	0.2647		19.4	20.0	-3.0	20.0
Naphthalene	Ave	0.9062	1.002		22.1	20.0	10.5	50.0
1,2,3-Trichlorobenzene	Ave	0.4266	0.4265		20.0	20.0	-0.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2461	0.2502		50.8	50.0	1.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3019	0.2969		49.2	50.0	-1.7	20.0
Toluene-d8 (Surr)	Ave	1.224	1.257		51.4	50.0	2.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: CCVIS 460-774947/2 Calibration Date: 04/30/2021 05:50

Instrument ID: CVOAMS12 Calib Start Date: 04/27/2021 22:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/28/2021 02:27

Lab File ID: O72067.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Bromofluorobenzene	Ave	0.3974	0.4073		51.2	50.0	2.5	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72067.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Apr-2021 05:50:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0127862-002
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub25

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 11:37:46 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1620

First Level Reviewer: delpolitov Date: 30-Apr-2021 11:37:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.914	0.914	0.000	99	87828	20.0	20.0	
6 Chloromethane	50	1.028	1.028	0.000	98	73802	20.0	15.1	M
7 Vinyl chloride	62	1.064	1.064	0.000	98	81138	20.0	20.7	
8 Butadiene	54	1.086	1.086	0.000	98	78475	20.0	21.6	
9 Bromomethane	94	1.243	1.243	0.000	98	19405	20.0	10.8	M
10 Chloroethane	64	1.300	1.300	0.000	99	46082	20.0	19.6	
11 Dichlorofluoromethane	67	1.407	1.407	0.000	99	106998	20.0	20.0	
12 Trichlorofluoromethane	101	1.436	1.436	0.000	99	90326	20.0	20.8	
13 Pentane	72	1.486	1.486	0.000	96	22167	40.0	43.4	
14 Ethanol	46	1.543	1.543	0.000	96	11531	800.0	886.3	
15 Ethyl ether	59	1.600	1.600	0.000	97	47796	20.0	19.8	
17 2-Methyl-1,3-butadiene	53	1.615	1.615	0.000	98	56365	20.0	21.1	
19 Acrolein	56	1.672	1.672	0.000	86	3673	40.0	40.1	
20 1,1-Dichloroethene	96	1.729	1.729	0.000	96	46139	20.0	19.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.736	1.736	0.000	98	50495	20.0	21.4	
22 Acetone	58	1.765	1.765	0.000	86	16325	100.0	74.5	
23 Iodomethane	127	1.822	1.822	0.000	99	13375	20.0	7.82	
24 Isopropyl alcohol	45	1.851	1.851	0.000	98	23880	200.0	177.4	
25 Carbon disulfide	76	1.865	1.865	0.000	100	165511	20.0	19.6	
26 Acetonitrile	38	1.951	1.951	0.000	79	22295	200.0	223.0	
27 3-Chloro-1-propene	76	1.951	1.951	0.000	89	34169	20.0	17.6	
28 Methyl acetate	74	1.965	1.965	0.000	100	12155	40.0	37.8	
29 Cyclopentene	67	2.008	2.008	0.000	97	137285	20.0	20.2	
30 Methylene Chloride	84	2.029	2.029	0.000	94	58306	20.0	19.2	
* 31 TBA-d9 (IS)	65	2.051	2.051	0.000	98	228293	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.108	2.108	0.000	99	46024	200.0	187.0	
33 Acrylonitrile	53	2.187	2.187	0.000	94	149085	200.0	175.4	
34 trans-1,2-Dichloroethene	96	2.208	2.208	0.000	97	52515	20.0	18.8	
35 Methyl tert-butyl ether	73	2.215	2.215	0.000	97	165686	20.0	19.3	
36 Hexane	57	2.408	2.408	0.000	94	87090	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
37 1,1-Dichloroethane	63	2.494	2.494	0.000	100	101712	20.0	19.3	
38 Vinyl acetate	86	2.544	2.544	0.000	100	24251	40.0	44.7	
39 Isopropyl ether	45	2.566	2.566	0.000	88	211560	20.0	20.5	
40 2-Chloro-1,3-butadiene	88	2.573	2.573	0.000	92	54359	20.0	20.0	
41 Tert-butyl ethyl ether	59	2.837	2.837	0.000	89	193843	20.0	19.6	
* 43 2-Butanone-d5	46	2.902	2.902	0.000	98	325180	250.0	250.0	
44 2,2-Dichloropropane	97	2.938	2.938	0.000	77	19193	20.0	19.8	
45 cis-1,2-Dichloroethene	96	2.938	2.938	0.000	92	59757	20.0	19.1	
46 2-Butanone (MEK)	72	2.952	2.952	0.000	100	29324	100.0	91.6	
42 Propionitrile	52	2.995	2.995	0.000	97	11483	200.0	180.4	
47 Ethyl acetate	70	3.016	3.016	0.000	99	10873	40.0	39.3	
48 Methyl acrylate	55	3.038	3.038	0.000	99	51227	20.0	17.6	
50 Methacrylonitrile	67	3.116	3.116	0.000	94	216534	200.0	185.0	
49 Chlorobromomethane	128	3.123	3.123	0.000	92	28275	20.0	19.4	
51 Tetrahydrofuran	42	3.166	3.166	0.000	84	29637	40.0	35.0	
52 Chloroform	83	3.202	3.202	0.000	98	94124	20.0	19.1	
$ 53 Dibromofluoromethane (Surr)	113	3.331	3.331	0.000	97	152842	50.0	50.8	
54 1,1,1-Trichloroethane	97	3.352	3.352	0.000	99	83012	20.0	18.7	
55 Cyclohexane	84	3.402	3.402	0.000	93	86310	20.0	20.5	
56 Carbon tetrachloride	117	3.502	3.502	0.000	77	66545	20.0	18.7	
57 1,1-Dichloropropene	75	3.502	3.502	0.000	93	81836	20.0	19.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.624	3.624	0.000	0	181348	50.0	49.2	
61 Isobutyl alcohol	43	3.638	3.638	0.000	94	56821	500.0	478.5	
59 Benzene	78	3.681	3.681	0.000	97	229618	20.0	19.2	
60 1,2-Dichloroethane	62	3.695	3.695	0.000	97	77184	20.0	18.8	
62 Isooctane	57	3.788	3.788	0.000	96	157477	20.0	21.8	
63 Isopropyl acetate	61	3.788	3.788	0.000	96	20868	20.0	18.2	
64 Tert-amyl methyl ether	73	3.810	3.810	0.000	99	174735	20.0	19.4	
* 65 Fluorobenzene	96	3.953	3.953	0.000	98	610907	50.0	50.0	
66 n-Heptane	43	3.974	3.974	0.000	94	68873	20.0	20.6	
68 n-Butanol	56	4.303	4.303	0.000	91	37591	500.0	459.0	
67 Trichloroethene	95	4.318	4.318	0.000	97	58018	20.0	19.0	
69 Ethyl acrylate	55	4.468	4.468	0.000	99	69656	20.0	17.2	
70 Methylcyclohexane	83	4.518	4.518	0.000	95	100661	20.0	21.2	
71 1,2-Dichloropropane	63	4.539	4.539	0.000	92	62760	20.0	19.5	
* 72 1,4-Dioxane-d8	96	4.654	4.654	0.000	0	33133	1000.0	1000.0	
73 Dibromomethane	93	4.661	4.661	0.000	97	33419	20.0	18.9	
74 1,4-Dioxane	88	4.711	4.711	0.000	97	13238	400.0	407.2	
75 Methyl methacrylate	100	4.718	4.718	0.000	93	31201	40.0	36.7	
76 n-Propyl acetate	43	4.804	4.804	0.000	99	86500	20.0	18.2	
77 Dichlorobromomethane	83	4.854	4.854	0.000	99	72217	20.0	18.8	
78 2-Nitropropane	41	5.118	5.118	0.000	99	27434	40.0	33.0	
79 2-Chloroethyl vinyl ether	63	5.240	5.240	0.000	96	38403	20.0	18.9	
80 Epichlorohydrin	57	5.276	5.276	0.000	99	103344	400.0	384.5	
81 cis-1,3-Dichloropropene	75	5.383	5.383	0.000	96	100848	20.0	19.3	
82 4-Methyl-2-pentanone (MIBK)	43	5.597	5.597	0.000	98	296352	100.0	102.7	
$ 83 Toluene-d8 (Surr)	98	5.698	5.698	0.000	99	637842	50.0	51.4	
84 Toluene	91	5.783	5.783	0.000	94	245536	20.0	18.9	
85 trans-1,3-Dichloropropene	75	6.091	6.091	0.000	98	90844	20.0	18.8	
86 Ethyl methacrylate	69	6.270	6.270	0.000	91	77358	20.0	18.6	
87 1,1,2-Trichloroethane	83	6.312	6.312	0.000	94	44738	20.0	19.4	
88 Tetrachloroethene	166	6.484	6.484	0.000	96	60736	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 1,3-Dichloropropane	76	6.527	6.527	0.000	96	96809	20.0	19.6	
90 2-Hexanone	43	6.699	6.699	0.000	98	204014	100.0	99.9	
91 Chlorodibromomethane	129	6.820	6.820	0.000	99	52594	20.0	18.2	
92 n-Butyl acetate	43	6.935	6.935	0.000	98	97305	20.0	18.3	
93 Ethylene Dibromide	107	6.942	6.942	0.000	98	54389	20.0	18.9	
* 94 Chlorobenzene-d5	117	7.628	7.628	0.000	87	507263	50.0	50.0	
95 Chlorobenzene	112	7.671	7.671	0.000	95	164019	20.0	19.0	
96 1,1,1,2-Tetrachloroethane	131	7.814	7.814	0.000	94	55307	20.0	19.0	
97 Ethylbenzene	106	7.878	7.878	0.000	98	89912	20.0	19.3	
98 m-Xylene & p-Xylene	106	8.071	8.071	0.000	99	116323	20.0	19.9	
99 o-Xylene	106	8.658	8.658	0.000	94	111330	20.0	19.4	
100 Styrene	104	8.686	8.686	0.000	95	186958	20.0	19.6	
101 n-Butyl acrylate	73	8.744	8.744	0.000	97	45824	20.0	19.3	
102 Bromoform	173	8.908	8.908	0.000	96	31926	20.0	17.0	
103 Amyl acetate (mixed isomers)	43	9.137	9.137	0.000	90	121097	20.0	19.3	
104 Isopropylbenzene	105	9.265	9.265	0.000	96	279144	20.0	19.4	
$ 105 4-Bromofluorobenzene	174	9.466	9.466	0.000	89	206597	50.0	51.2	
106 Bromobenzene	156	9.652	9.652	0.000	97	71200	20.0	18.9	
107 1,1,2,2-Tetrachloroethane	83	9.773	9.773	0.000	97	70137	20.0	18.9	
108 1,2,3-Trichloropropane	110	9.795	9.795	0.000	97	20747	20.0	18.6	
109 trans-1,4-Dichloro-2-butene	53	9.873	9.873	0.000	88	15312	20.0	13.1	
110 N-Propylbenzene	91	9.938	9.938	0.000	99	311832	20.0	19.2	
111 2-Chlorotoluene	91	10.009	10.009	0.000	97	195796	20.0	19.4	
112 4-Ethyltoluene	105	10.138	10.138	0.000	99	254322	20.0	19.2	
113 4-Chlorotoluene	91	10.195	10.195	0.000	97	189145	20.0	18.5	
114 1,3,5-Trimethylbenzene	105	10.259	10.259	0.000	93	179001	20.0	18.8	
115 Butyl Methacrylate	87	10.538	10.538	0.000	95	77288	20.0	18.8	
116 tert-Butylbenzene	119	10.774	10.774	0.000	95	190644	20.0	18.8	
117 1,2,4-Trimethylbenzene	105	10.860	10.860	0.000	97	175865	20.0	19.3	
118 sec-Butylbenzene	105	11.146	11.146	0.000	99	265582	20.0	18.7	
119 1,3-Dichlorobenzene	146	11.232	11.232	0.000	95	128940	20.0	18.9	
* 120 1,4-Dichlorobenzene-d4	152	11.346	11.346	0.000	96	271065	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.375	11.375	0.000	96	125717	20.0	18.6	
122 4-Isopropyltoluene	119	11.396	11.396	0.000	98	198007	20.0	18.3	
123 1,2,3-Trimethylbenzene	105	11.496	11.496	0.000	99	171127	20.0	18.8	
124 Benzyl chloride	126	11.596	11.596	0.000	98	26363	20.0	19.2	
125 2,3-Dihydroindene	117	11.732	11.732	0.000	95	226219	20.0	19.2	
126 1,2-Dichlorobenzene	146	11.861	11.861	0.000	96	123621	20.0	19.0	
127 p-Diethylbenzene	119	11.918	11.918	0.000	93	94956	20.0	18.8	
128 n-Butylbenzene	92	11.947	11.947	0.000	98	84410	20.0	18.0	
129 1,2-Dibromo-3-Chloropropane	157	12.762	12.762	0.000	92	13907	20.0	16.8	
130 1,2,4,5-Tetramethylbenzene	119	12.783	12.783	0.000	97	123266	20.0	26.1	
131 1,3,5-Trichlorobenzene	180	12.984	12.984	0.000	97	59489	20.0	19.4	
132 1,2,4-Trichlorobenzene	180	13.548	13.548	0.000	94	49725	20.0	19.1	
133 Hexachlorobutadiene	225	13.727	13.727	0.000	94	28698	20.0	19.4	
134 Naphthalene	128	13.749	13.749	0.000	99	108616	20.0	22.1	
135 1,2,3-Trichlorobenzene	180	13.956	13.956	0.000	95	46241	20.0	20.0	
S 137 1,2-Dichloroethene, Total	100				0		40.0	37.9	
S 138 Xylenes, Total	100				0		40.0	39.3	
S 139 Total BTEX	1				0		100.0	96.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00123	Amount Added:	4.00	Units: uL	
GASES Li_00418	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00136	Amount Added:	20.00	Units: uL	
8260SURR250_00217	Amount Added:	1.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Apr-2021 11:37:49 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72067.D

Injection Date: 30-Apr-2021 05:50:30 Instrument ID: CVOAMS12 Operator ID:

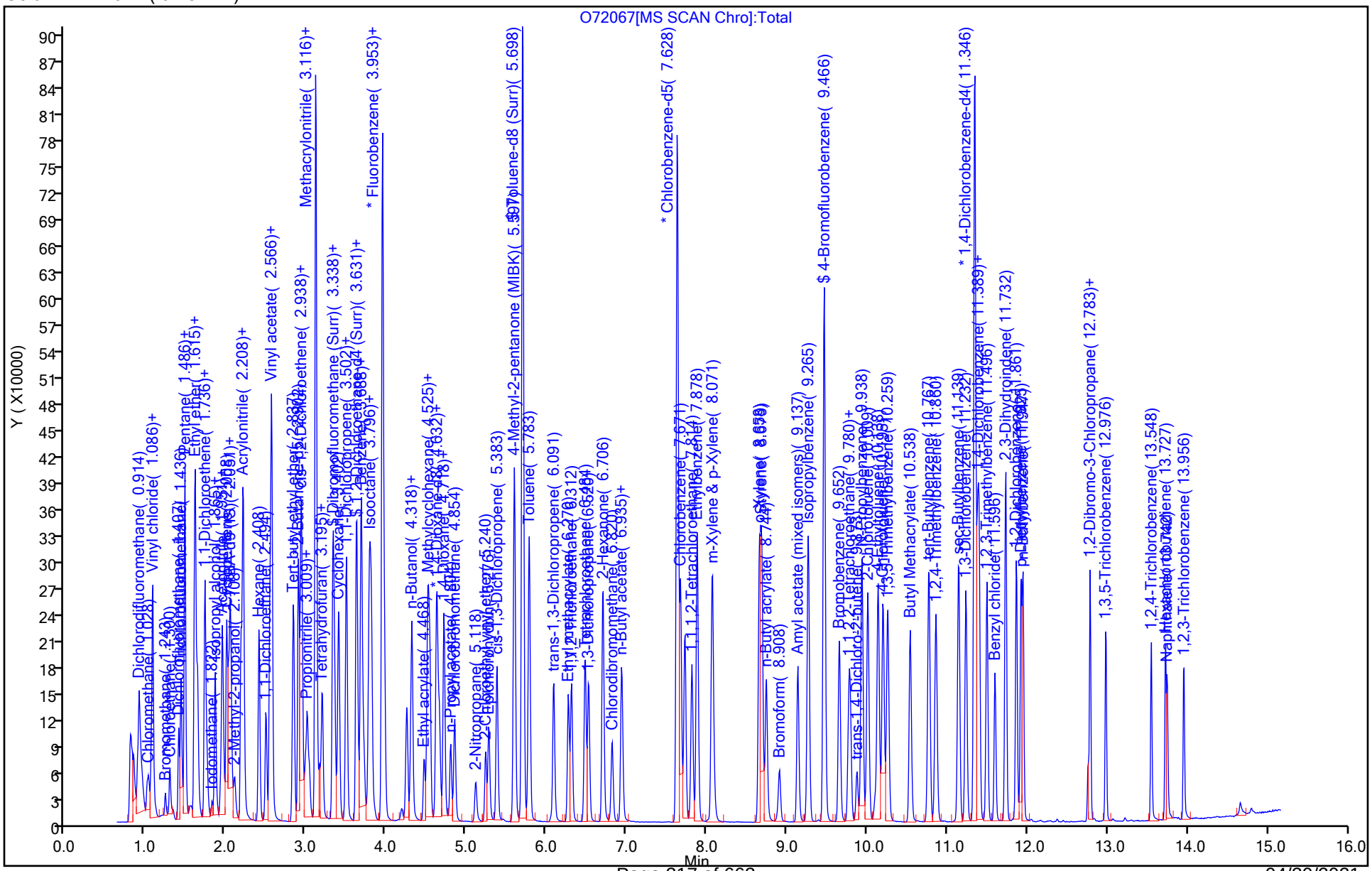
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

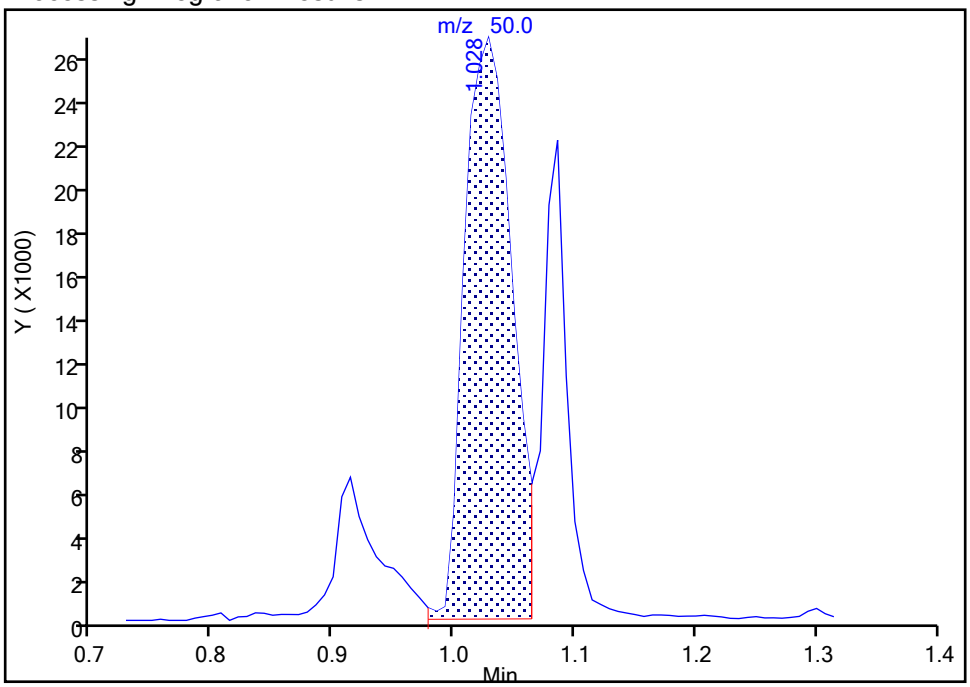
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72067.D
Injection Date: 30-Apr-2021 05:50:30 Instrument ID: CVOAMS12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

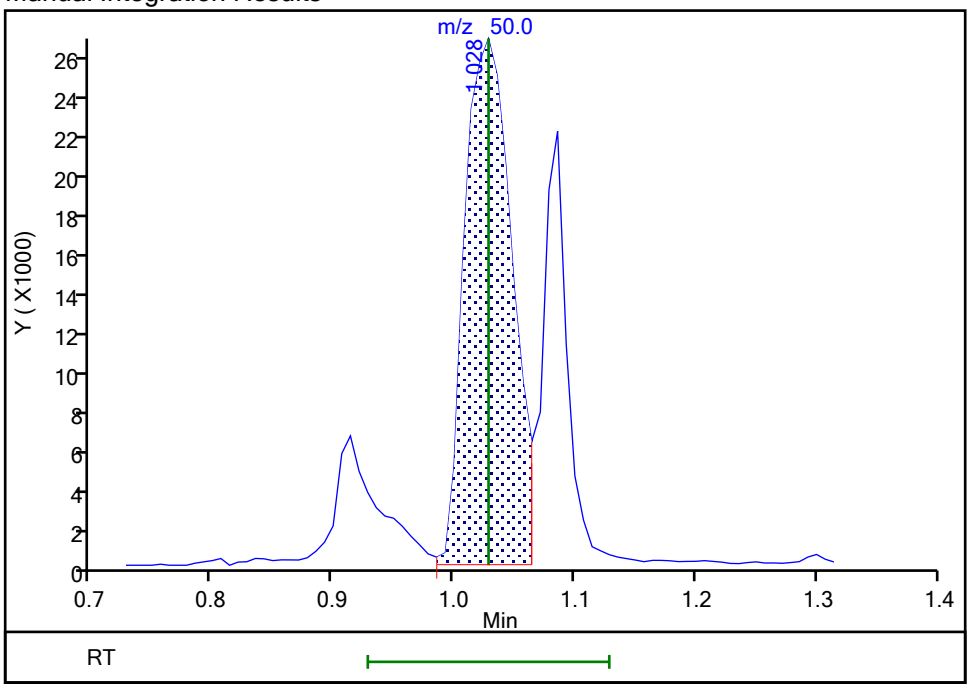
Processing Integration Results

RT: 1.03
Area: 73868
Amount: 15.103958
Amount Units: ug/l



Manual Integration Results

RT: 1.03
Area: 73802
Amount: 15.090463
Amount Units: ug/l



Reviewer: delpolitov, 30-Apr-2021 11:37:05
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

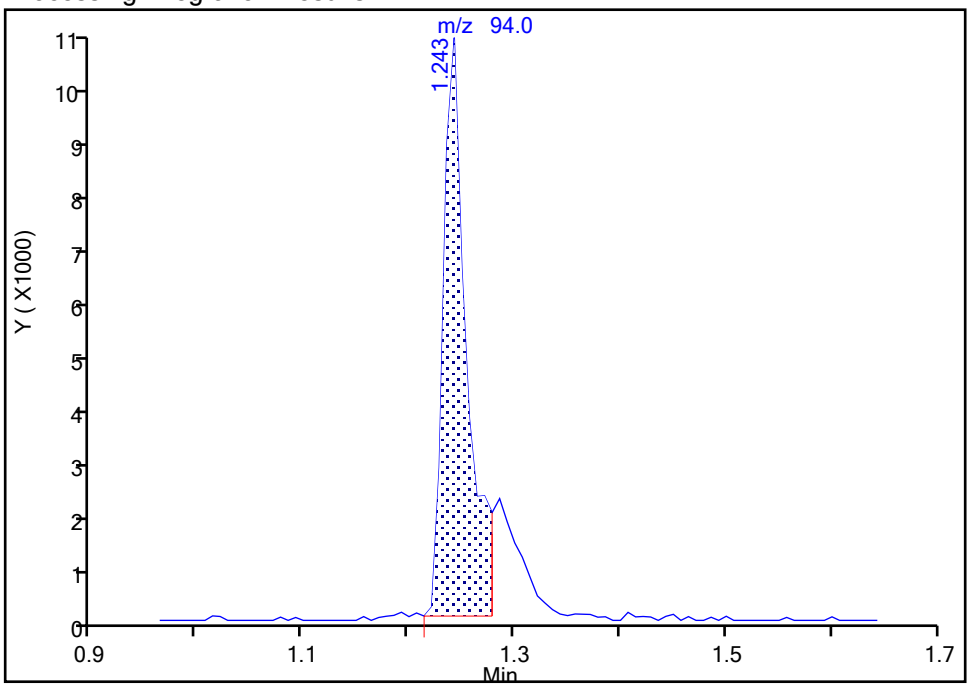
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72067.D
Injection Date: 30-Apr-2021 05:50:30 Instrument ID: CVOAMS12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

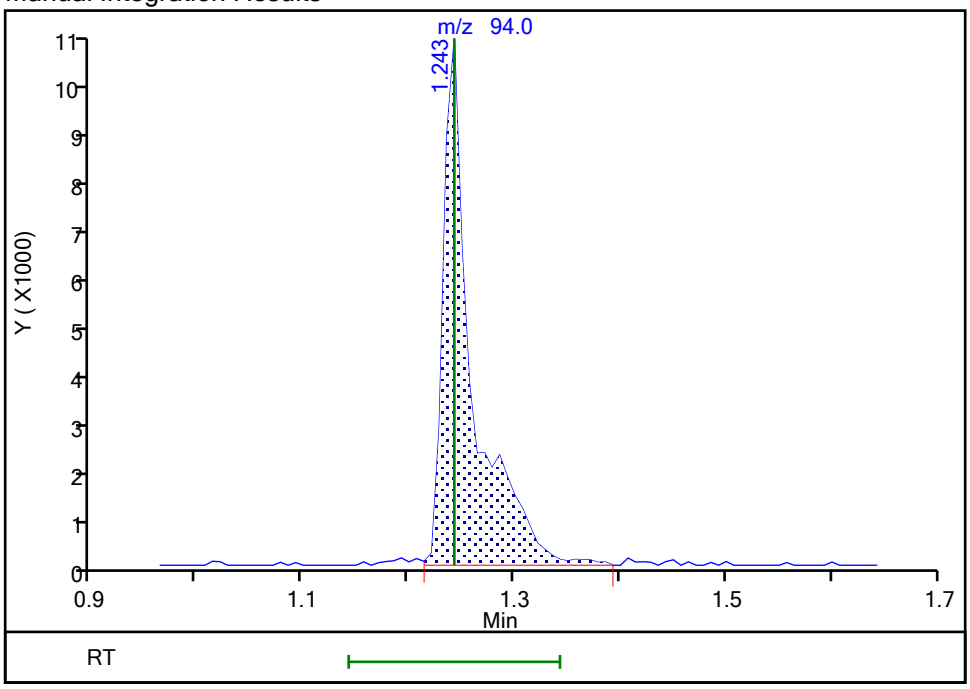
Processing Integration Results

RT: 1.24
Area: 15454
Amount: 8.606806
Amount Units: ug/l



Manual Integration Results

RT: 1.24
Area: 19405
Amount: 10.807239
Amount Units: ug/l



Reviewer: delpolitov, 30-Apr-2021 11:36:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71942.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	27-Apr-2021 21:42:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0127714-001				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\8260W_12.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	28-Apr-2021 20:34:13	Calib Date:	28-Apr-2021 02:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1684				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 140 BFB

Reagents:

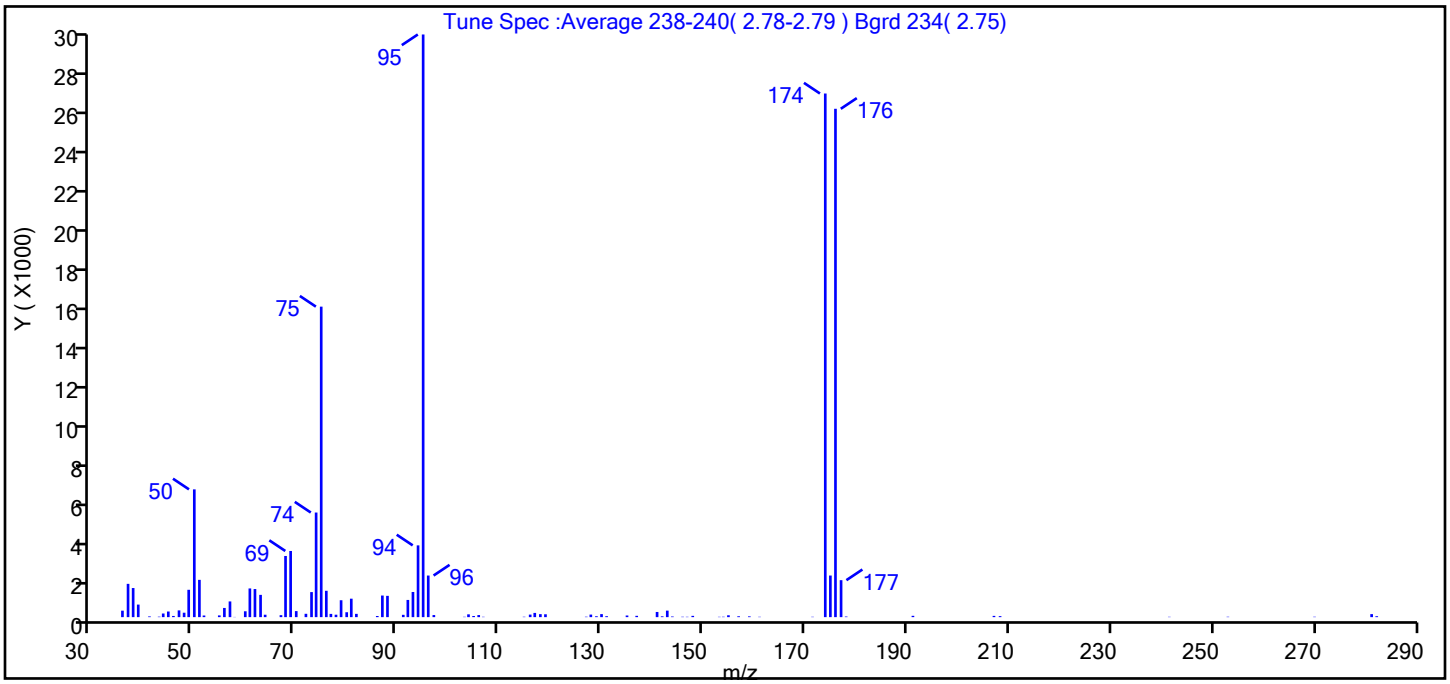
BFB_00029 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71942.D
Injection Date: 27-Apr-2021 21:42:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (111.3)
96	5 to 9% of m/z 95	7.1
173	<2% of m/z 174	0.0 (0.0)
174	50 to 200% of m/z 95	89.9
175	5 to 9% of m/z 174	7.1 (7.9)
176	95 to 105% of m/z 174	87.2 (97.1)
177	5 to 10% of m/z 176	6.3 (7.3)

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71942.D\8260W_12.rslt\spectra.d
Injection Date: 27-Apr-2021 21:42:30
Spectrum: Tune Spec :Average 238-240(2.78-2.79) Bgrd 234(2.75)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 93

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	329	67.00	100	97.00	106	148.00	65
37.00	1692	68.00	3108	103.00	18	153.00	17
38.00	1479	69.00	3362	104.00	142	154.00	20
39.00	638	70.00	307	105.00	58	155.00	95
41.00	37	72.00	170	106.00	105	157.00	44
43.00	24	73.00	1273	107.00	18	159.00	39
44.00	185	74.00	5316	115.00	20	161.00	18
45.00	286	75.00	15778	116.00	129	171.00	18
46.00	60	76.00	1339	117.00	215	174.00	26608
47.00	343	77.00	165	118.00	152	175.00	2114
48.00	225	78.00	124	119.00	146	176.00	25832
49.00	1390	79.00	859	127.00	22	177.00	1879
50.00	6493	80.00	249	128.00	130	178.00	31
51.00	1895	81.00	938	129.00	45	191.00	67
52.00	83	82.00	167	130.00	154	207.00	64
55.00	88	86.00	58	131.00	47	208.00	51
56.00	467	87.00	1098	135.00	83	241.00	17
57.00	798	88.00	1082	137.00	67	253.00	20
58.00	10	91.00	118	141.00	263	270.00	19
60.00	298	92.00	874	142.00	41	281.00	154
61.00	1458	93.00	1278	143.00	331	282.00	46
62.00	1428	94.00	3647	144.00	32		
63.00	1132	95.00	29608	146.00	20		
64.00	123	96.00	2114	147.00	18		

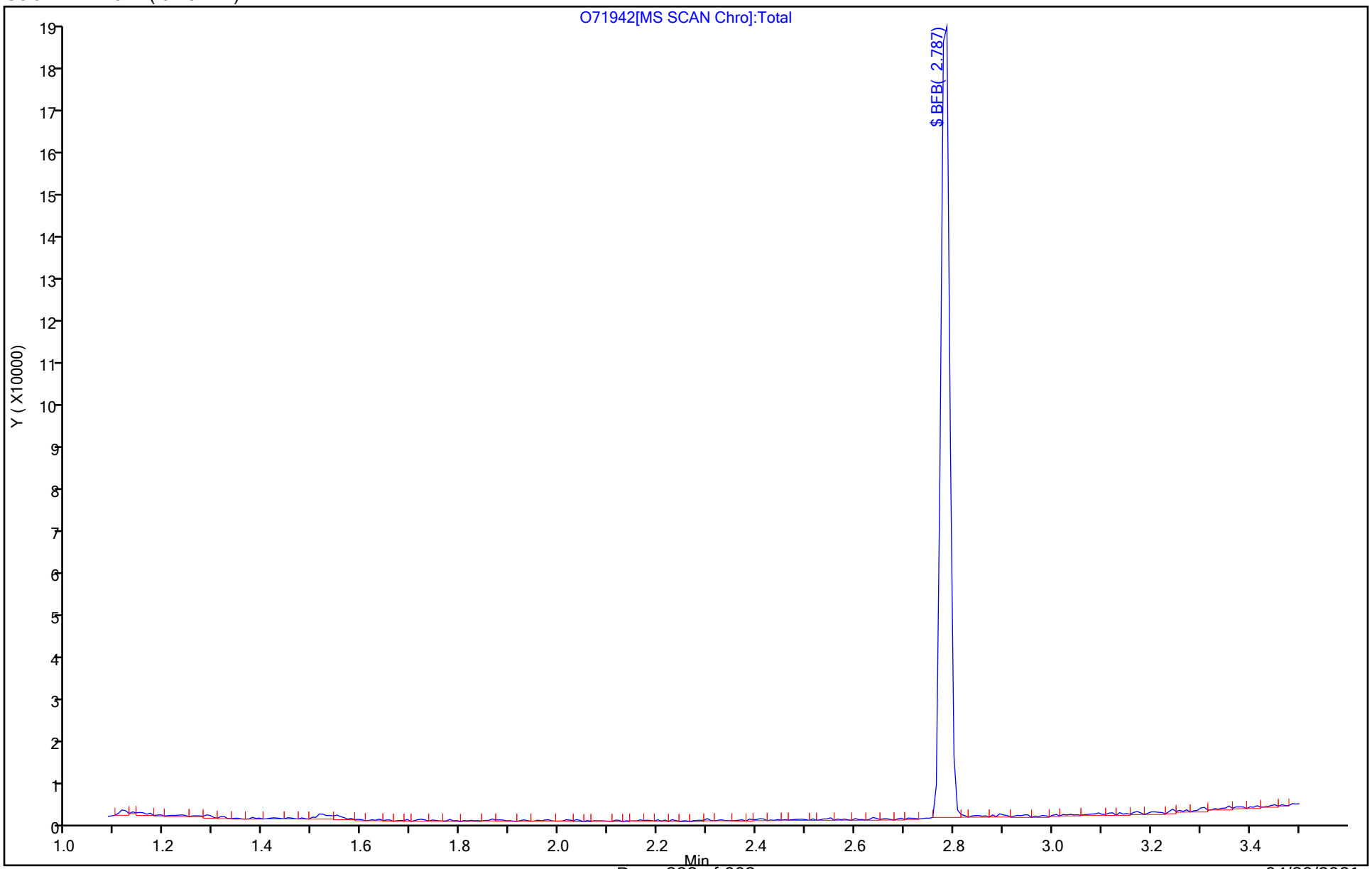
Report Date: 28-Apr-2021 20:34:13 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71942.D

Injection Date:	27-Apr-2021 21:42:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72066.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	30-Apr-2021 05:29:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0127862-001				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\8260W_12.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	30-Apr-2021 11:36:28	Calib Date:	28-Apr-2021 02:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1620				
First Level Reviewer: delpolitov		Date:	30-Apr-2021 11:36:28		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 140 BFB

QC Flag Legend

Processing Flags

Reagents:

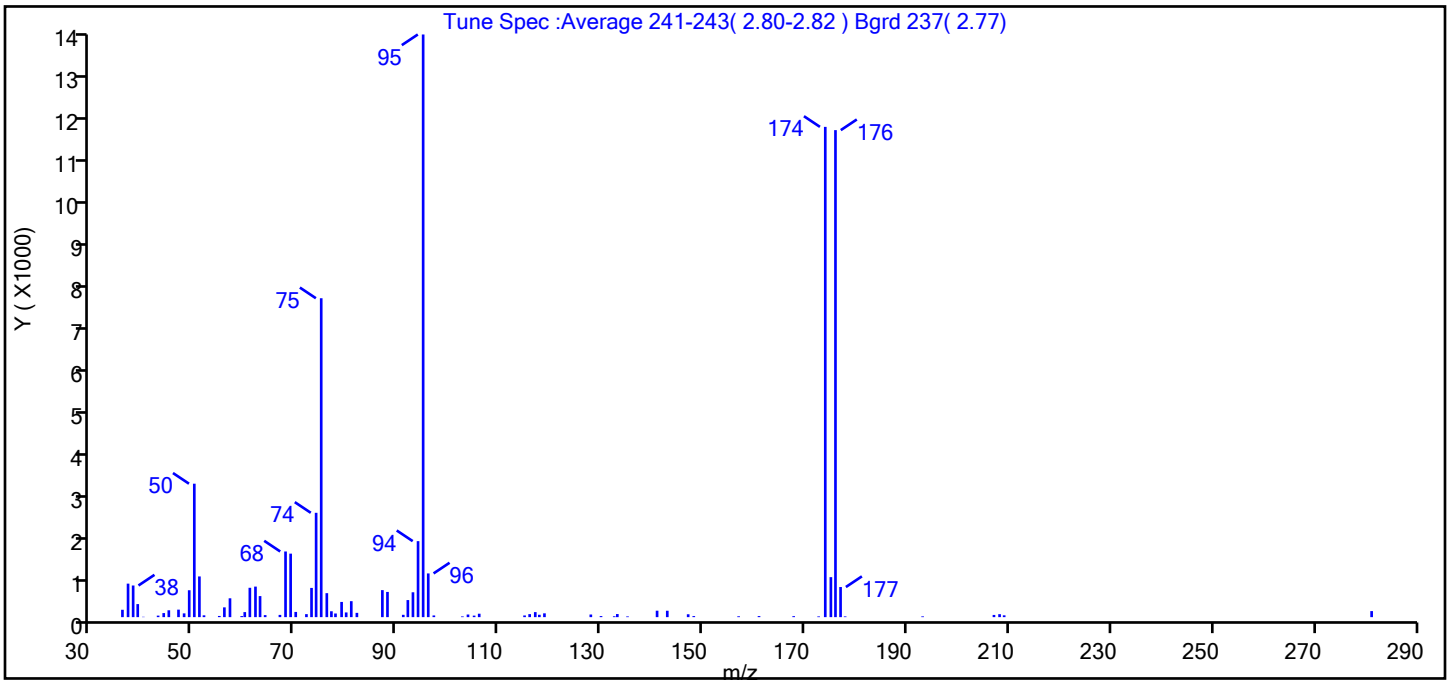
BFB_00029 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72066.D
Injection Date: 30-Apr-2021 05:29:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (118.8)
96	5 to 9% of m/z 95	7.5
173	<2% of m/z 174	0.1 (0.1)
174	50 to 200% of m/z 95	84.1
175	5 to 9% of m/z 174	6.9 (8.2)
176	95 to 105% of m/z 174	83.6 (99.3)
177	5 to 10% of m/z 176	5.2 (6.2)

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72066.D\8260W_12.rslt\spectra.d
Injection Date: 30-Apr-2021 05:29:30
Spectrum: Tune Spec :Average 241-243(2.80-2.82) Bgrd 237(2.77)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	174	62.00	721	91.00	55	135.00	17
37.00	791	63.00	497	92.00	403	141.00	152
38.00	747	64.00	48	93.00	587	143.00	151
39.00	308	67.00	53	94.00	1794	147.00	68
40.00	8	68.00	1550	95.00	13754	148.00	25
43.00	36	69.00	1499	96.00	1032	157.00	20
44.00	96	70.00	123	97.00	40	161.00	25
45.00	162	72.00	71	103.00	17	168.00	23
47.00	177	73.00	690	104.00	62	173.00	17
48.00	89	74.00	2463	105.00	36	174.00	11573
49.00	635	75.00	7528	106.00	81	175.00	944
50.00	3150	76.00	566	115.00	40	176.00	11496
51.00	961	77.00	139	116.00	71	177.00	711
52.00	43	78.00	86	117.00	119	178.00	17
55.00	28	79.00	359	118.00	56	193.00	18
56.00	231	80.00	111	119.00	90	207.00	52
57.00	445	81.00	377	128.00	62	208.00	70
59.00	25	82.00	101	130.00	25	209.00	43
60.00	119	87.00	638	132.00	20	281.00	143
61.00	693	88.00	595	133.00	73		

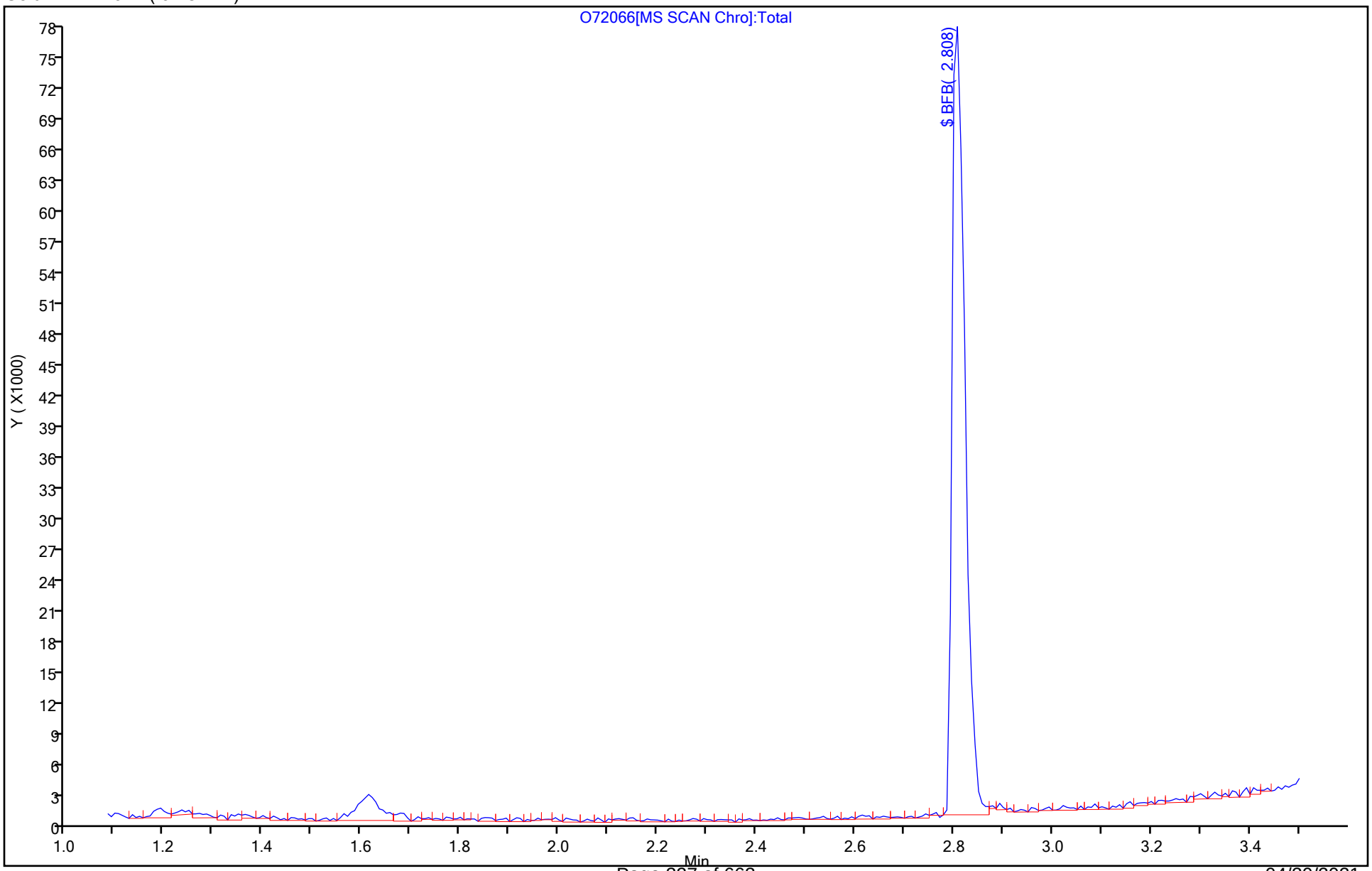
Report Date: 30-Apr-2021 11:36:28 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72066.D

Injection Date:	30-Apr-2021 05:29:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_12	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774947/8

Matrix: Water Lab File ID: O72073.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 08:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774947 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774947/8

Matrix: Water Lab File ID: O72073.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 08:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774947 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72073.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Apr-2021 08:22:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0127862-008
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 11:42:58 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1620

First Level Reviewer: delpolitov Date: 30-Apr-2021 11:42:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.051	2.051	0.000	98	242350	1000.0	1000.0	
* 43 2-Butanone-d5	46	2.902	2.902	0.000	98	341363	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.331	3.331	0.000	96	161204	50.0	51.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.624	3.624	0.000	0	195049	50.0	50.5	
* 65 Fluorobenzene	96	3.953	3.953	0.000	98	639793	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.653	4.654	-0.001	0	32559	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.697	5.698	-0.001	99	651009	50.0	52.5	
* 94 Chlorobenzene-d5	117	7.628	7.628	0.000	87	506819	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.465	9.466	-0.001	90	211268	50.0	52.4	
* 120 1,4-Dichlorobenzene-d4	152	11.346	11.346	0.000	96	271504	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00217 Amount Added: 1.00 Units: uL
8260ISNEW_00139 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 30-Apr-2021 11:42:58 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72073.D

Injection Date: 30-Apr-2021 08:22:30 Instrument ID: CVOAMS12 Operator ID:

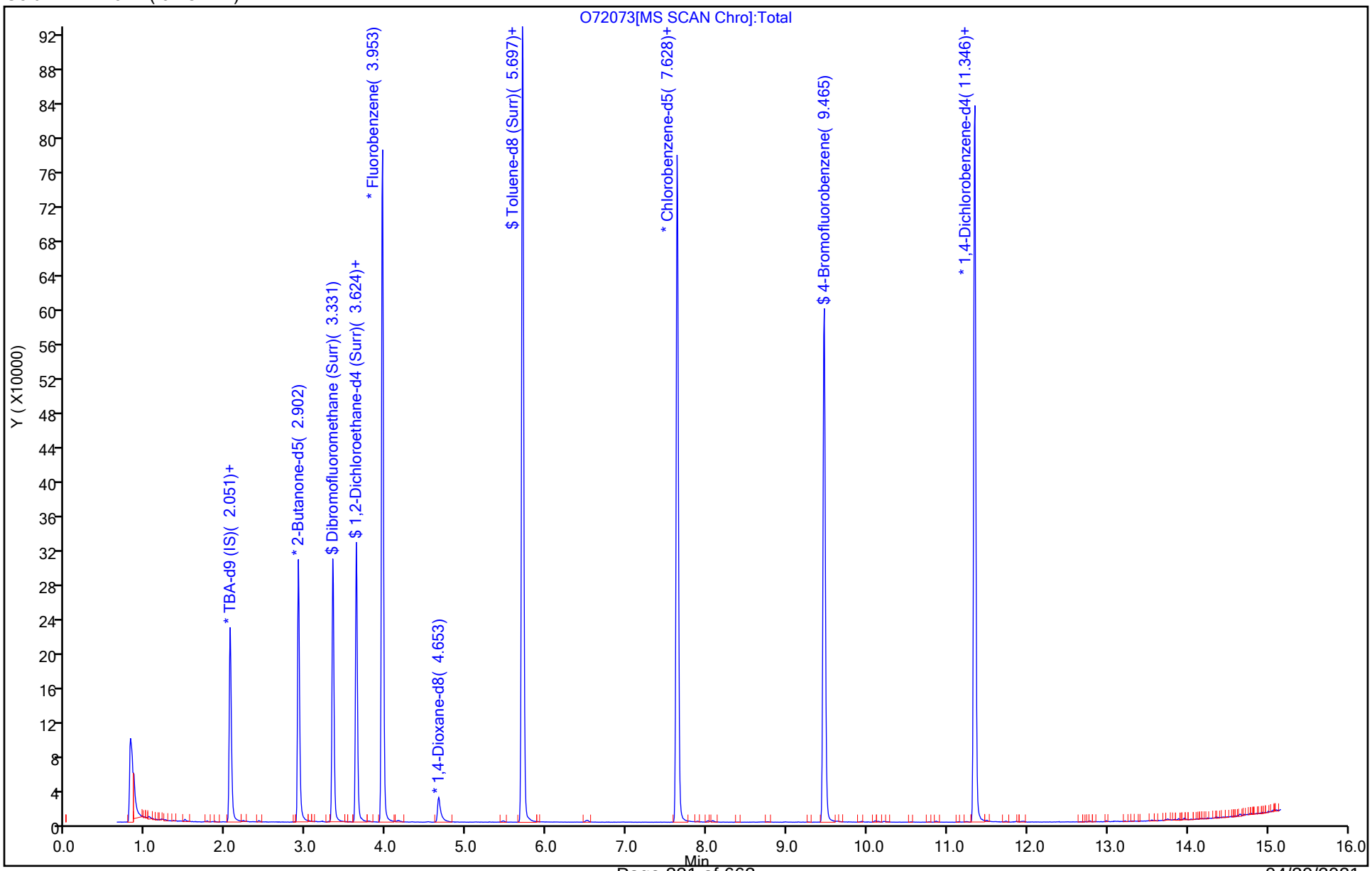
Lims ID: MB Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774947/3

Matrix: Water Lab File ID: O72068.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 06:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774947 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.5		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.20
75-34-3	1,1-Dichloroethane	19.7		1.0	0.26
75-35-4	1,1-Dichloroethene	19.4		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	21.4		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.7		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	19.2		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.1		1.0	0.21
107-06-2	1,2-Dichloroethane	19.2		1.0	0.43
78-87-5	1,2-Dichloropropane	19.9		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	19.3		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.3		1.0	0.33
78-93-3	2-Butanone (MEK)	91.8		5.0	1.9
591-78-6	2-Hexanone	98.5		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	101		5.0	1.3
67-64-1	Acetone	75.0		5.0	4.4
71-43-2	Benzene	19.7		1.0	0.20
75-25-2	Bromoform	18.3		1.0	0.54
74-83-9	Bromomethane	12.2		1.0	0.55
75-15-0	Carbon disulfide	19.9		1.0	0.82
56-23-5	Carbon tetrachloride	19.1		1.0	0.21
108-90-7	Chlorobenzene	19.5		1.0	0.38
74-97-5	Chlorobromomethane	20.3		1.0	0.41
124-48-1	Chlorodibromomethane	19.1		1.0	0.28
75-00-3	Chloroethane	18.8		1.0	0.32
67-66-3	Chloroform	19.0		1.0	0.33
74-87-3	Chloromethane	14.6		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.22
110-82-7	Cyclohexane	20.7		1.0	0.32
75-27-4	Dichlorobromomethane	19.0		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774947/3

Matrix: Water Lab File ID: O72068.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 06:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774947 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	19.7		1.0	0.31
100-41-4	Ethylbenzene	19.6		1.0	0.30
106-93-4	Ethylene Dibromide	19.7		1.0	0.50
98-82-8	Isopropylbenzene	20.0		1.0	0.34
79-20-9	Methyl acetate	39.0		5.0	0.79
1634-04-4	Methyl tert-butyl ether	19.9		1.0	0.22
108-87-2	Methylcyclohexane	21.0		1.0	0.71
75-09-2	Methylene Chloride	19.4		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.6		1.0	0.30
104-51-8	n-Butylbenzene	18.5		1.0	0.32
103-65-1	N-Propylbenzene	19.8		1.0	0.32
95-47-6	o-Xylene	19.6		1.0	0.36
135-98-8	sec-Butylbenzene	19.5		1.0	0.37
100-42-5	Styrene	20.2		1.0	0.42
98-06-6	tert-Butylbenzene	19.5		1.0	0.34
127-18-4	Tetrachloroethene	19.5		1.0	0.25
108-88-3	Toluene	19.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.5		1.0	0.22
79-01-6	Trichloroethene	19.0		1.0	0.31
75-69-4	Trichlorofluoromethane	20.7		1.0	0.32
75-01-4	Vinyl chloride	20.1		1.0	0.17
1330-20-7	Xylenes, Total	39.3		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72068.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Apr-2021 06:15:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0127862-003
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 11:39:00 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1620

First Level Reviewer: delpolitov Date: 30-Apr-2021 11:39:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.914	0.914	0.000	99	87340	20.0	19.7	
6 Chloromethane	50	1.035	1.028	0.007	99	72053	20.0	14.6	
7 Vinyl chloride	62	1.064	1.064	0.000	98	79506	20.0	20.1	
8 Butadiene	54	1.086	1.086	0.000	98	79061	20.0	21.5	
9 Bromomethane	94	1.243	1.243	0.000	99	22096	20.0	12.2	M
10 Chloroethane	64	1.300	1.300	0.000	100	44783	20.0	18.8	
11 Dichlorofluoromethane	67	1.407	1.407	0.000	99	107984	20.0	20.0	
12 Trichlorofluoromethane	101	1.436	1.436	0.000	98	90576	20.0	20.7	
13 Pentane	72	1.486	1.486	0.000	97	22854	40.0	44.2	
14 Ethanol	46	1.550	1.543	0.007	95	12394	800.0	819.5	
15 Ethyl ether	59	1.608	1.600	0.008	96	48462	20.0	19.9	
17 2-Methyl-1,3-butadiene	53	1.615	1.615	0.000	98	56329	20.0	20.8	
19 Acrolein	56	1.679	1.672	0.007	87	3935	40.0	37.0	
20 1,1-Dichloroethene	96	1.736	1.729	0.007	97	47358	20.0	19.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.743	1.736	0.007	98	50507	20.0	21.1	
22 Acetone	58	1.765	1.765	0.000	85	18226	100.0	75.0	
23 Iodomethane	127	1.822	1.822	0.000	98	13217	20.0	7.64	M
24 Isopropyl alcohol	45	1.851	1.851	0.000	98	29110	200.0	186.1	
25 Carbon disulfide	76	1.865	1.865	0.000	100	170672	20.0	19.9	
26 Acetonitrile	38	1.951	1.951	0.000	79	23181	200.0	199.5	
27 3-Chloro-1-propene	76	1.951	1.951	0.000	90	36102	20.0	18.4	
28 Methyl acetate	74	1.972	1.965	0.007	100	14558	40.0	39.0	
29 Cyclopentene	67	2.008	2.008	0.000	97	141847	20.0	20.6	
30 Methylene Chloride	84	2.029	2.029	0.000	95	59571	20.0	19.4	
* 31 TBA-d9 (IS)	65	2.051	2.051	0.000	98	265277	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.108	2.108	0.000	99	52585	200.0	183.8	
33 Acrylonitrile	53	2.187	2.187	0.000	95	166693	200.0	194.0	
34 trans-1,2-Dichloroethene	96	2.208	2.208	0.000	97	54957	20.0	19.5	
35 Methyl tert-butyl ether	73	2.215	2.215	0.000	97	172540	20.0	19.9	
36 Hexane	57	2.408	2.408	0.000	94	86906	20.0	21.0	
37 1,1-Dichloroethane	63	2.494	2.494	0.000	100	104938	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Vinyl acetate	86	2.544	2.544	0.000	100	25834	40.0	42.9	
39 Isopropyl ether	45	2.566	2.566	0.000	88	214060	20.0	20.5	
40 2-Chloro-1,3-butadiene	88	2.573	2.573	0.000	91	55035	20.0	20.0	
41 Tert-butyl ethyl ether	59	2.837	2.837	0.000	89	198068	20.0	19.8	
* 43 2-Butanone-d5	46	2.902	2.902	0.000	98	360619	250.0	250.0	
44 2,2-Dichloropropane	97	2.937	2.938	-0.001	75	19605	20.0	20.0	
45 cis-1,2-Dichloroethene	96	2.937	2.938	-0.001	92	61806	20.0	19.6	
46 2-Butanone (MEK)	72	2.952	2.952	0.000	100	32586	100.0	91.8	
42 Propionitrile	52	2.995	2.995	0.000	97	13559	200.0	183.3	
47 Ethyl acetate	70	3.016	3.016	0.000	99	12026	40.0	39.2	
48 Methyl acrylate	55	3.038	3.038	0.000	99	56494	20.0	19.2	
50 Methacrylonitrile	67	3.116	3.116	0.000	94	236276	200.0	199.7	
49 Chlorobromomethane	128	3.123	3.123	0.000	89	29868	20.0	20.3	
51 Tetrahydrofuran	42	3.166	3.166	0.000	84	33645	40.0	35.9	
52 Chloroform	83	3.202	3.202	0.000	98	94860	20.0	19.0	
$ 53 Dibromofluoromethane (Surr)	113	3.331	3.331	0.000	97	152957	50.0	50.3	
54 1,1,1-Trichloroethane	97	3.352	3.352	0.000	99	84746	20.0	18.9	
55 Cyclohexane	84	3.402	3.402	0.000	93	88156	20.0	20.7	
56 Carbon tetrachloride	117	3.502	3.502	0.000	96	68690	20.0	19.1	
57 1,1-Dichloropropene	75	3.502	3.502	0.000	95	82511	20.0	19.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.624	3.624	0.000	0	187521	50.0	50.3	
61 Isobutyl alcohol	43	3.638	3.638	0.000	95	65606	500.0	475.4	
59 Benzene	78	3.681	3.681	0.000	96	236366	20.0	19.7	
60 1,2-Dichloroethane	62	3.695	3.695	0.000	97	79648	20.0	19.2	
62 Isooctane	57	3.788	3.788	0.000	95	158027	20.0	21.7	
63 Isopropyl acetate	61	3.788	3.788	0.000	96	22905	20.0	19.8	
64 Tert-amyl methyl ether	73	3.810	3.810	0.000	93	181199	20.0	19.9	
* 65 Fluorobenzene	96	3.953	3.953	0.000	98	617623	50.0	50.0	
66 n-Heptane	43	3.974	3.974	0.000	94	70366	20.0	20.8	
68 n-Butanol	56	4.303	4.303	0.000	90	43540	500.0	457.5	
67 Trichloroethene	95	4.317	4.318	-0.001	97	58778	20.0	19.0	
69 Ethyl acrylate	55	4.468	4.468	0.000	98	83557	20.0	20.4	
70 Methylcyclohexane	83	4.518	4.518	0.000	95	100865	20.0	21.0	
71 1,2-Dichloropropane	63	4.539	4.539	0.000	92	64804	20.0	19.9	
* 72 1,4-Dioxane-d8	96	4.654	4.654	0.000	0	36633	1000.0	1000.0	
73 Dibromomethane	93	4.661	4.661	0.000	97	35122	20.0	19.7	
74 1,4-Dioxane	88	4.704	4.711	-0.007	29	14901	400.0	414.5	
75 Methyl methacrylate	100	4.718	4.718	0.000	93	34489	40.0	40.2	
76 n-Propyl acetate	43	4.804	4.804	0.000	100	95239	20.0	19.9	
77 Dichlorobromomethane	83	4.854	4.854	0.000	99	73945	20.0	19.0	
78 2-Nitropropane	41	5.118	5.118	0.000	98	30119	40.0	35.9	
79 2-Chloroethyl vinyl ether	63	5.240	5.240	0.000	97	41523	20.0	20.3	
80 Epichlorohydrin	57	5.276	5.276	0.000	99	116258	400.0	390.0	
81 cis-1,3-Dichloropropene	75	5.383	5.383	0.000	96	105050	20.0	20.0	
82 4-Methyl-2-pentanone (MIBK)	43	5.597	5.597	0.000	98	322193	100.0	100.7	
$ 83 Toluene-d8 (Surr)	98	5.705	5.698	0.007	99	639631	50.0	51.2	
84 Toluene	91	5.783	5.783	0.000	94	252785	20.0	19.4	
85 trans-1,3-Dichloropropene	75	6.091	6.091	0.000	98	94510	20.0	19.5	
86 Ethyl methacrylate	69	6.269	6.270	-0.001	92	81496	20.0	19.5	
87 1,1,2-Trichloroethane	83	6.312	6.312	0.000	92	45895	20.0	19.8	
88 Tetrachloroethene	166	6.477	6.484	-0.007	97	63455	20.0	19.5	
89 1,3-Dichloropropane	76	6.527	6.527	0.000	95	100483	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	6.698	6.699	-0.001	97	222905	100.0	98.5	
91 Chlorodibromomethane	129	6.820	6.820	0.000	98	55625	20.0	19.1	
92 n-Butyl acetate	43	6.934	6.935	0.000	98	105492	20.0	19.7	
93 Ethylene Dibromide	107	6.942	6.942	0.000	99	57064	20.0	19.7	
* 94 Chlorobenzene-d5	117	7.628	7.628	0.000	87	510233	50.0	50.0	
95 Chlorobenzene	112	7.671	7.671	0.000	95	169264	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	7.814	7.814	0.000	94	56551	20.0	19.3	
97 Ethylbenzene	106	7.878	7.878	0.000	98	91563	20.0	19.6	
98 m-Xylene & p-Xylene	106	8.064	8.071	-0.007	99	115207	20.0	19.6	
99 o-Xylene	106	8.658	8.658	0.000	94	113322	20.0	19.6	
100 Styrene	104	8.686	8.686	0.000	96	193034	20.0	20.2	
101 n-Butyl acrylate	73	8.743	8.744	-0.001	97	49174	20.0	20.6	
102 Bromoform	173	8.908	8.908	0.000	96	34517	20.0	18.3	
103 Amyl acetate (mixed isomers)	43	9.137	9.137	0.000	90	129047	20.0	20.8	
104 Isopropylbenzene	105	9.265	9.265	0.000	96	289439	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	9.466	9.466	0.000	89	207114	50.0	51.1	
106 Bromobenzene	156	9.652	9.652	0.000	97	73029	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	9.773	9.773	0.000	98	74941	20.0	20.5	
108 1,2,3-Trichloropropane	110	9.795	9.795	0.000	97	22060	20.0	20.1	
109 trans-1,4-Dichloro-2-butene	53	9.873	9.873	0.000	88	17185	20.0	15.0	
110 N-Propylbenzene	91	9.938	9.938	0.000	99	317212	20.0	19.8	
111 2-Chlorotoluene	91	10.009	10.009	0.000	98	198433	20.0	19.9	
112 4-Ethyltoluene	105	10.138	10.138	0.000	99	257517	20.0	19.7	
113 4-Chlorotoluene	91	10.195	10.195	0.000	97	202814	20.0	20.2	
114 1,3,5-Trimethylbenzene	105	10.259	10.259	0.000	93	180953	20.0	19.3	
115 Butyl Methacrylate	87	10.538	10.538	0.000	94	81114	20.0	20.0	
116 tert-Butylbenzene	119	10.774	10.774	0.000	94	195375	20.0	19.5	
117 1,2,4-Trimethylbenzene	105	10.860	10.860	0.000	98	172825	20.0	19.2	
118 sec-Butylbenzene	105	11.139	11.146	-0.007	99	271934	20.0	19.5	
119 1,3-Dichlorobenzene	146	11.232	11.232	0.000	95	133662	20.0	19.9	
* 120 1,4-Dichlorobenzene-d4	152	11.346	11.346	0.000	95	267281	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.375	11.375	0.000	96	128785	20.0	19.3	
122 4-Isopropyltoluene	119	11.396	11.396	0.000	97	200099	20.0	18.8	
123 1,2,3-Trimethylbenzene	105	11.496	11.496	0.000	98	173622	20.0	19.4	
124 Benzyl chloride	126	11.596	11.596	0.000	98	27966	20.0	20.7	
125 2,3-Dihydroindene	117	11.732	11.732	0.000	95	230199	20.0	19.8	
126 1,2-Dichlorobenzene	146	11.861	11.861	0.000	95	128702	20.0	20.1	
127 p-Diethylbenzene	119	11.918	11.918	0.000	92	95218	20.0	19.1	
128 n-Butylbenzene	92	11.947	11.947	0.000	98	85300	20.0	18.5	
129 1,2-Dibromo-3-Chloropropane	157	12.762	12.762	0.000	94	15571	20.0	19.1	
130 1,2,4,5-Tetramethylbenzene	119	12.783	12.783	0.000	98	124591	20.0	26.7	
131 1,3,5-Trichlorobenzene	180	12.976	12.984	-0.008	96	61163	20.0	20.3	
132 1,2,4-Trichlorobenzene	180	13.548	13.548	0.000	93	53199	20.0	20.7	
133 Hexachlorobutadiene	225	13.727	13.727	0.000	95	29143	20.0	20.0	
134 Naphthalene	128	13.741	13.749	-0.008	99	118213	20.0	24.4	
135 1,2,3-Trichlorobenzene	180	13.949	13.956	-0.007	95	48908	20.0	21.4	
S 137 1,2-Dichloroethene, Total	100				0		40.0	39.0	
S 138 Xylenes, Total	100				0		40.0	39.3	
S 139 Total BTEX	1				0		100.0	97.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00123	Amount Added:	4.00	Units: uL	
GASES Li_00418	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00136	Amount Added:	20.00	Units: uL	
8260SURR250_00217	Amount Added:	1.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Apr-2021 11:39:01 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72068.D

Injection Date: 30-Apr-2021 06:15:30 Instrument ID: CVOAMS12 Operator ID:

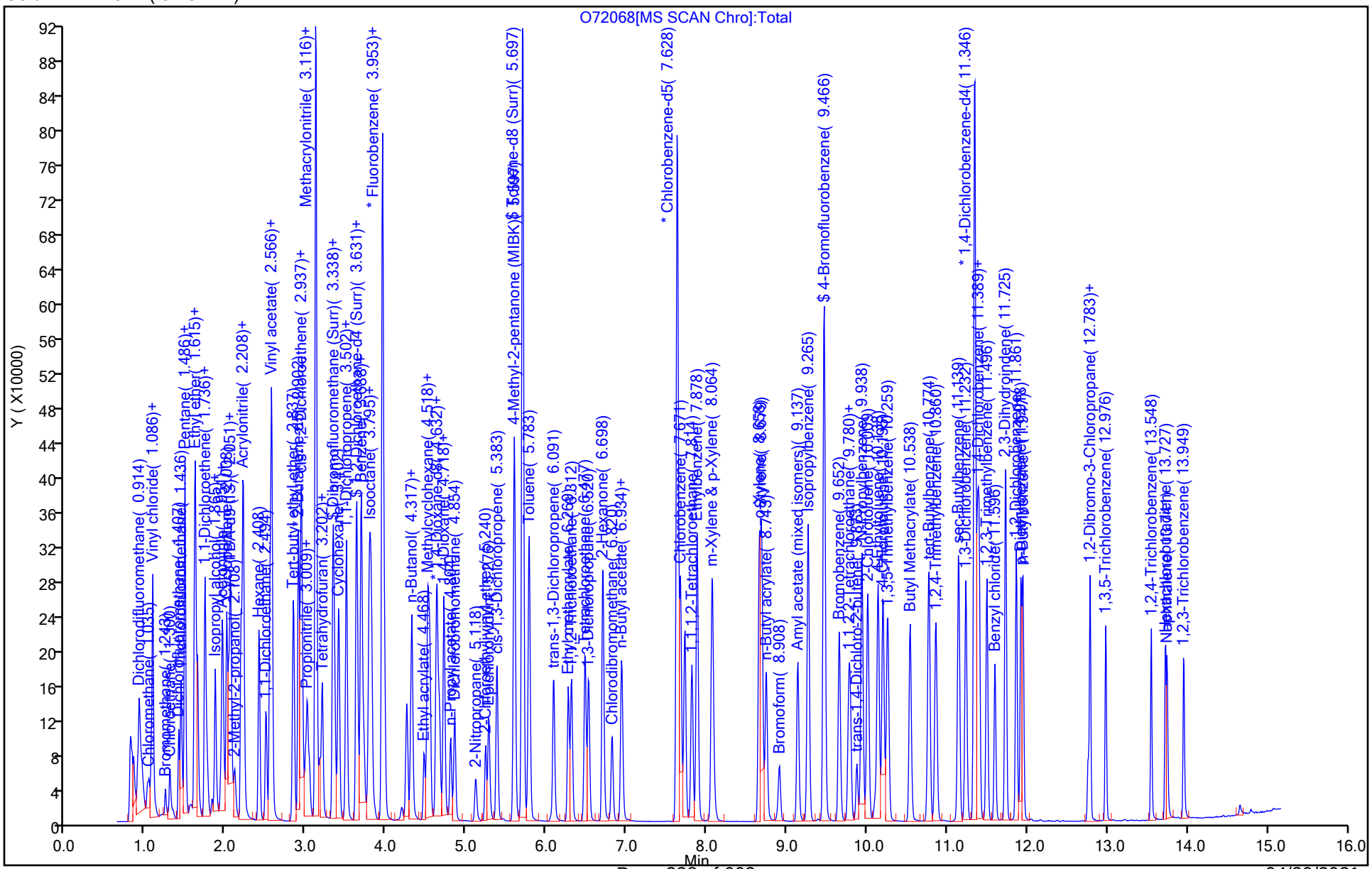
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

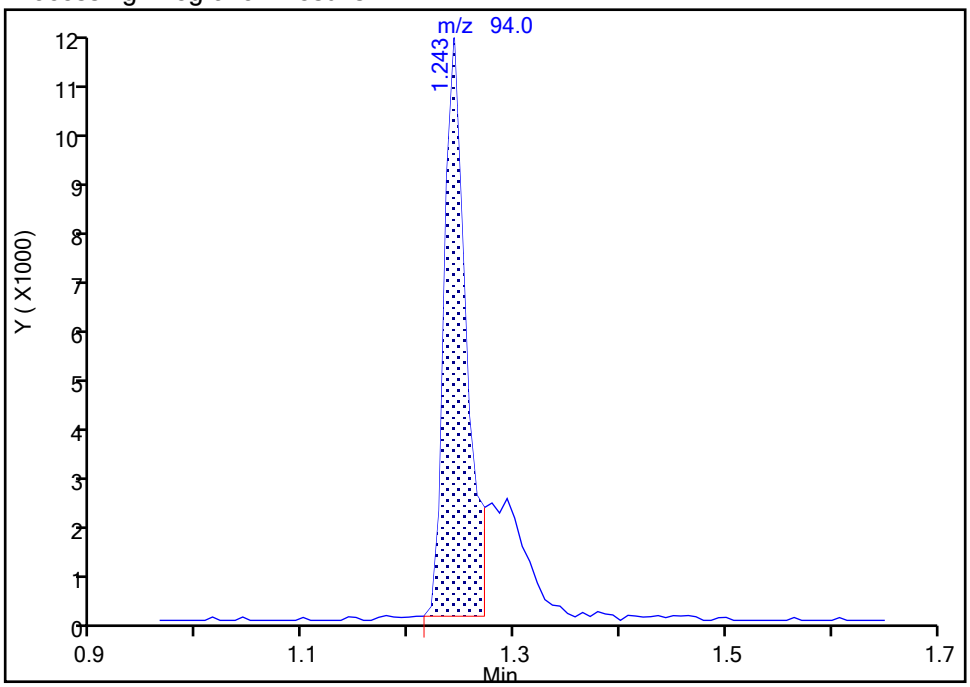
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72068.D
Injection Date: 30-Apr-2021 06:15:30 Instrument ID: CVOAMS12
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

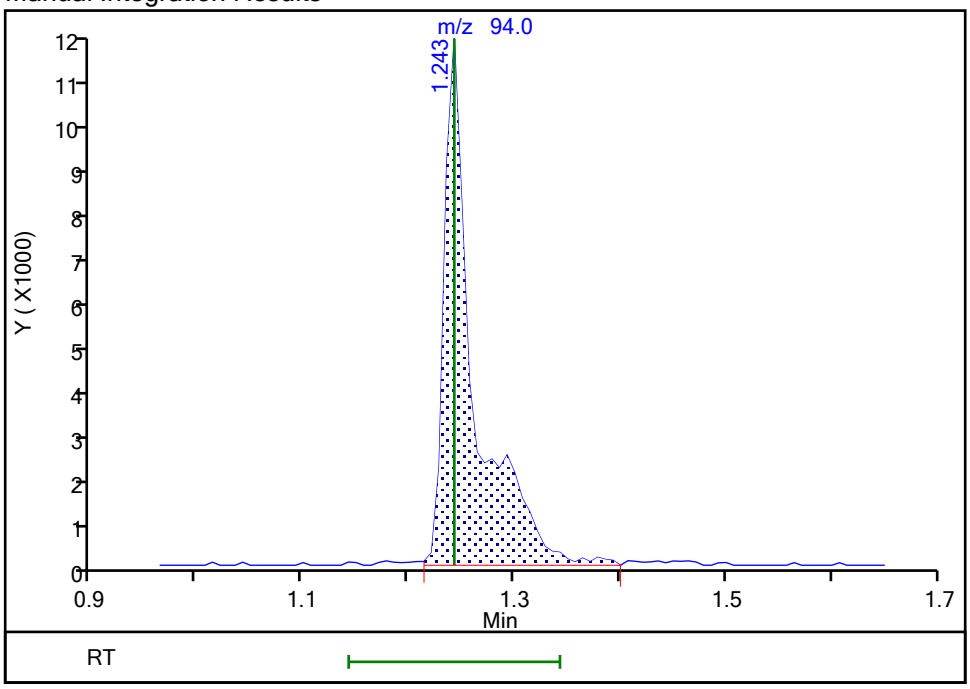
Processing Integration Results

RT: 1.24
Area: 15982
Amount: 8.804078
Amount Units: ug/l



Manual Integration Results

RT: 1.24
Area: 22096
Amount: 12.172125
Amount Units: ug/l



Reviewer: delpolitov, 30-Apr-2021 11:38:17
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774947/4

Matrix: Water Lab File ID: O72069.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 06:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774947 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.6		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.20
75-34-3	1,1-Dichloroethane	19.4		1.0	0.26
75-35-4	1,1-Dichloroethene	19.5		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	20.6		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.2		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	18.6		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.9		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.7		1.0	0.21
107-06-2	1,2-Dichloroethane	19.1		1.0	0.43
78-87-5	1,2-Dichloropropane	20.2		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	18.4		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.33
78-93-3	2-Butanone (MEK)	89.7		5.0	1.9
591-78-6	2-Hexanone	98.0		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	101		5.0	1.3
67-64-1	Acetone	74.6		5.0	4.4
71-43-2	Benzene	19.5		1.0	0.20
75-25-2	Bromoform	17.7		1.0	0.54
74-83-9	Bromomethane	13.1		1.0	0.55
75-15-0	Carbon disulfide	19.7		1.0	0.82
56-23-5	Carbon tetrachloride	18.6		1.0	0.21
108-90-7	Chlorobenzene	19.5		1.0	0.38
74-97-5	Chlorobromomethane	20.0		1.0	0.41
124-48-1	Chlorodibromomethane	18.7		1.0	0.28
75-00-3	Chloroethane	18.5		1.0	0.32
67-66-3	Chloroform	19.0		1.0	0.33
74-87-3	Chloromethane	14.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.7		1.0	0.22
110-82-7	Cyclohexane	20.1		1.0	0.32
75-27-4	Dichlorobromomethane	19.1		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774947/4

Matrix: Water Lab File ID: O72069.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 06:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774947 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	18.9		1.0	0.31
100-41-4	Ethylbenzene	19.4		1.0	0.30
106-93-4	Ethylene Dibromide	19.1		1.0	0.50
98-82-8	Isopropylbenzene	19.6		1.0	0.34
79-20-9	Methyl acetate	37.8		5.0	0.79
1634-04-4	Methyl tert-butyl ether	19.6		1.0	0.22
108-87-2	Methylcyclohexane	20.4		1.0	0.71
75-09-2	Methylene Chloride	19.1		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.2		1.0	0.30
104-51-8	n-Butylbenzene	17.9		1.0	0.32
103-65-1	N-Propylbenzene	19.4		1.0	0.32
95-47-6	o-Xylene	19.5		1.0	0.36
135-98-8	sec-Butylbenzene	19.2		1.0	0.37
100-42-5	Styrene	19.9		1.0	0.42
98-06-6	tert-Butylbenzene	19.2		1.0	0.34
127-18-4	Tetrachloroethene	19.0		1.0	0.25
108-88-3	Toluene	19.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.3		1.0	0.22
79-01-6	Trichloroethene	19.4		1.0	0.31
75-69-4	Trichlorofluoromethane	19.5		1.0	0.32
75-01-4	Vinyl chloride	19.6		1.0	0.17
1330-20-7	Xylenes, Total	38.7		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72069.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 30-Apr-2021 06:41:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0127862-004
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 11:40:13 Calib Date: 28-Apr-2021 02:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20210427-127714.b\O71953.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1620

First Level Reviewer: delpolitov Date: 30-Apr-2021 11:40:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.914	0.914	0.000	99	83814	20.0	18.9	
6 Chloromethane	50	1.028	1.028	0.000	99	71628	20.0	14.5	
7 Vinyl chloride	62	1.064	1.064	0.000	98	77402	20.0	19.6	
8 Butadiene	54	1.085	1.086	-0.001	99	74824	20.0	20.3	
9 Bromomethane	94	1.243	1.243	0.000	99	23722	20.0	13.1	
10 Chloroethane	64	1.300	1.300	0.000	100	44232	20.0	18.5	
11 Dichlorofluoromethane	67	1.407	1.407	0.000	99	104642	20.0	19.4	
12 Trichlorofluoromethane	101	1.436	1.436	0.000	99	85545	20.0	19.5	
13 Pentane	72	1.486	1.486	0.000	97	22048	40.0	42.6	
14 Ethanol	46	1.550	1.543	0.007	94	11671	800.0	824.8	
15 Ethyl ether	59	1.600	1.600	0.000	94	47410	20.0	19.4	
17 2-Methyl-1,3-butadiene	53	1.614	1.615	-0.001	97	55595	20.0	20.5	
19 Acrolein	56	1.672	1.672	0.000	94	3915	40.0	39.3	
20 1,1-Dichloroethene	96	1.736	1.729	0.007	97	47654	20.0	19.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.743	1.736	0.007	97	48065	20.0	20.1	
22 Acetone	58	1.765	1.765	0.000	86	17334	100.0	74.6	
23 Iodomethane	127	1.822	1.822	0.000	98	14152	20.0	8.18	
24 Isopropyl alcohol	45	1.850	1.851	-0.001	98	26817	200.0	183.2	
25 Carbon disulfide	76	1.865	1.865	0.000	100	169028	20.0	19.7	
26 Acetonitrile	38	1.951	1.951	0.000	79	22300	200.0	205.1	
27 3-Chloro-1-propene	76	1.951	1.951	0.000	90	34958	20.0	17.8	
28 Methyl acetate	74	1.965	1.965	0.000	100	13204	40.0	37.8	
29 Cyclopentene	67	2.008	2.008	0.000	97	138663	20.0	20.1	
30 Methylene Chloride	84	2.029	2.029	0.000	95	58661	20.0	19.1	
* 31 TBA-d9 (IS)	65	2.051	2.051	0.000	98	248216	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.108	2.108	0.000	99	48684	200.0	181.9	
33 Acrylonitrile	53	2.186	2.187	-0.001	94	158708	200.0	184.6	
34 trans-1,2-Dichloroethene	96	2.208	2.208	0.000	98	53982	20.0	19.1	
35 Methyl tert-butyl ether	73	2.215	2.215	0.000	97	169968	20.0	19.6	
36 Hexane	57	2.408	2.408	0.000	94	84130	20.0	20.3	
37 1,1-Dichloroethane	63	2.494	2.494	0.000	100	103656	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Vinyl acetate	86	2.544	2.544	0.000	100	24299	40.0	42.3	
39 Isopropyl ether	45	2.565	2.566	-0.001	89	213790	20.0	20.5	
40 2-Chloro-1,3-butadiene	88	2.573	2.573	0.000	91	54871	20.0	20.0	
41 Tert-butyl ethyl ether	59	2.837	2.837	0.000	89	197666	20.0	19.7	
* 43 2-Butanone-d5	46	2.902	2.902	0.000	98	344710	250.0	250.0	
44 2,2-Dichloropropane	97	2.937	2.938	-0.001	75	19368	20.0	19.8	
45 cis-1,2-Dichloroethene	96	2.937	2.938	-0.001	91	61083	20.0	19.3	
46 2-Butanone (MEK)	72	2.952	2.952	0.000	100	30454	100.0	89.7	
42 Propionitrile	52	2.987	2.995	-0.008	97	13570	200.0	196.1	
47 Ethyl acetate	70	3.016	3.016	0.000	99	11525	40.0	39.3	
48 Methyl acrylate	55	3.037	3.038	-0.001	100	54725	20.0	18.6	
50 Methacrylonitrile	67	3.116	3.116	0.000	94	225208	200.0	190.2	
49 Chlorobromomethane	128	3.123	3.123	0.000	93	29385	20.0	20.0	
51 Tetrahydrofuran	42	3.166	3.166	0.000	84	30535	40.0	34.0	
52 Chloroform	83	3.202	3.202	0.000	98	95060	20.0	19.0	
$ 53 Dibromofluoromethane (Surr)	113	3.331	3.331	0.000	97	154447	50.0	50.8	
54 1,1,1-Trichloroethane	97	3.352	3.352	0.000	98	83605	20.0	18.6	
55 Cyclohexane	84	3.402	3.402	0.000	93	85681	20.0	20.1	
56 Carbon tetrachloride	117	3.502	3.502	0.000	94	67029	20.0	18.6	
57 1,1-Dichloropropene	75	3.502	3.502	0.000	94	81947	20.0	19.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.624	3.624	0.000	0	185028	50.0	49.6	
61 Isobutyl alcohol	43	3.638	3.638	0.000	93	59912	500.0	464.0	
59 Benzene	78	3.681	3.681	0.000	96	236413	20.0	19.5	
60 1,2-Dichloroethane	62	3.695	3.695	0.000	97	79334	20.0	19.1	
62 Isooctane	57	3.788	3.788	0.000	95	154754	20.0	21.2	
63 Isopropyl acetate	61	3.788	3.788	0.000	91	22168	20.0	19.2	
64 Tert-amyl methyl ether	73	3.810	3.810	0.000	99	178345	20.0	19.6	
* 65 Fluorobenzene	96	3.953	3.953	0.000	98	618138	50.0	50.0	
66 n-Heptane	43	3.974	3.974	0.000	94	68902	20.0	20.3	
68 n-Butanol	56	4.303	4.303	0.000	91	39463	500.0	443.2	
67 Trichloroethene	95	4.317	4.318	-0.001	97	59764	20.0	19.4	
69 Ethyl acrylate	55	4.467	4.468	-0.001	98	79539	20.0	19.4	
70 Methylcyclohexane	83	4.517	4.518	-0.001	95	98311	20.0	20.4	
71 1,2-Dichloropropane	63	4.539	4.539	0.000	93	65636	20.0	20.2	
* 72 1,4-Dioxane-d8	96	4.653	4.654	-0.001	0	34048	1000.0	1000.0	
73 Dibromomethane	93	4.660	4.661	-0.001	97	34393	20.0	19.2	
74 1,4-Dioxane	88	4.711	4.711	0.000	27	13698	400.0	410.0	
75 Methyl methacrylate	100	4.718	4.718	0.000	92	33272	40.0	38.7	
76 n-Propyl acetate	43	4.803	4.804	-0.001	99	89676	20.0	18.7	
77 Dichlorobromomethane	83	4.854	4.854	0.000	99	74495	20.0	19.1	
78 2-Nitropropane	41	5.111	5.118	-0.007	99	28377	40.0	33.8	
79 2-Chloroethyl vinyl ether	63	5.240	5.240	0.000	97	40183	20.0	19.6	
80 Epichlorohydrin	57	5.275	5.276	-0.001	99	111125	400.0	390.0	
81 cis-1,3-Dichloropropene	75	5.383	5.383	0.000	95	104639	20.0	19.7	
82 4-Methyl-2-pentanone (MIBK)	43	5.597	5.597	0.000	98	308452	100.0	100.8	
$ 83 Toluene-d8 (Surr)	98	5.704	5.698	0.006	99	646207	50.0	51.3	
84 Toluene	91	5.783	5.783	0.000	94	252240	20.0	19.2	
85 trans-1,3-Dichloropropene	75	6.091	6.091	0.000	98	94231	20.0	19.3	
86 Ethyl methacrylate	69	6.269	6.270	-0.001	91	80789	20.0	19.1	
87 1,1,2-Trichloroethane	83	6.305	6.312	-0.007	93	46056	20.0	19.7	
88 Tetrachloroethene	166	6.484	6.484	0.000	96	62356	20.0	19.0	
89 1,3-Dichloropropane	76	6.520	6.527	-0.007	95	98897	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	6.698	6.699	-0.001	97	211964	100.0	98.0	
91 Chlorodibromomethane	129	6.820	6.820	0.000	99	54741	20.0	18.7	
92 n-Butyl acetate	43	6.934	6.935	0.000	99	101786	20.0	18.9	
93 Ethylene Dibromide	107	6.941	6.942	-0.001	100	55767	20.0	19.1	
* 94 Chlorobenzene-d5	117	7.628	7.628	0.000	87	514183	50.0	50.0	
95 Chlorobenzene	112	7.671	7.671	0.000	95	170568	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	7.814	7.814	0.000	95	56744	20.0	19.2	
97 Ethylbenzene	106	7.878	7.878	0.000	98	91256	20.0	19.4	
98 m-Xylene & p-Xylene	106	8.071	8.071	0.000	99	113457	20.0	19.2	
99 o-Xylene	106	8.657	8.658	-0.001	94	113633	20.0	19.5	
100 Styrene	104	8.686	8.686	0.000	95	191745	20.0	19.9	
101 n-Butyl acrylate	73	8.743	8.744	-0.001	97	46966	20.0	19.6	
102 Bromoform	173	8.908	8.908	0.000	96	33661	20.0	17.7	
103 Amyl acetate (mixed isomers)	43	9.137	9.137	0.000	90	124287	20.0	20.0	
104 Isopropylbenzene	105	9.265	9.265	0.000	96	285562	20.0	19.6	
$ 105 4-Bromofluorobenzene	174	9.465	9.466	-0.001	89	209147	50.0	51.2	
106 Bromobenzene	156	9.651	9.652	-0.001	97	73454	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	9.766	9.773	-0.007	98	72158	20.0	19.6	
108 1,2,3-Trichloropropane	110	9.787	9.795	-0.008	97	21556	20.0	19.5	
109 trans-1,4-Dichloro-2-butene	53	9.873	9.873	0.000	88	17206	20.0	14.9	
110 N-Propylbenzene	91	9.937	9.938	-0.001	99	311623	20.0	19.4	
111 2-Chlorotoluene	91	10.009	10.009	0.000	98	198571	20.0	19.8	
112 4-Ethyltoluene	105	10.138	10.138	0.000	99	252618	20.0	19.2	
113 4-Chlorotoluene	91	10.195	10.195	0.000	97	195576	20.0	19.4	
114 1,3,5-Trimethylbenzene	105	10.259	10.259	0.000	93	173378	20.0	18.4	
115 Butyl Methacrylate	87	10.538	10.538	0.000	95	78332	20.0	19.3	
116 tert-Butylbenzene	119	10.774	10.774	0.000	95	192664	20.0	19.2	
117 1,2,4-Trimethylbenzene	105	10.860	10.860	0.000	98	167928	20.0	18.6	
118 sec-Butylbenzene	105	11.146	11.146	0.000	99	269212	20.0	19.2	
119 1,3-Dichlorobenzene	146	11.232	11.232	0.000	96	133453	20.0	19.8	
* 120 1,4-Dichlorobenzene-d4	152	11.346	11.346	0.000	95	268298	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.375	11.375	0.000	96	128521	20.0	19.2	
122 4-Isopropyltoluene	119	11.396	11.396	0.000	97	194713	20.0	18.2	
123 1,2,3-Trimethylbenzene	105	11.496	11.496	0.000	98	167275	20.0	18.6	
124 Benzyl chloride	126	11.596	11.596	0.000	98	26344	20.0	19.4	
125 2,3-Dihydroindene	117	11.732	11.732	0.000	95	229920	20.0	19.7	
126 1,2-Dichlorobenzene	146	11.861	11.861	0.000	95	126964	20.0	19.7	
127 p-Diethylbenzene	119	11.918	11.918	0.000	94	91876	20.0	18.3	
128 n-Butylbenzene	92	11.947	11.947	0.000	98	82993	20.0	17.9	
129 1,2-Dibromo-3-Chloropropane	157	12.762	12.762	0.000	93	14630	20.0	17.9	
130 1,2,4,5-Tetramethylbenzene	119	12.783	12.783	0.000	97	125324	20.0	26.8	
131 1,3,5-Trichlorobenzene	180	12.983	12.984	-0.001	97	57982	20.0	19.2	
132 1,2,4-Trichlorobenzene	180	13.548	13.548	0.000	94	51951	20.0	20.2	
133 Hexachlorobutadiene	225	13.727	13.727	0.000	93	28361	20.0	19.4	
134 Naphthalene	128	13.748	13.749	-0.001	99	113642	20.0	23.4	
135 1,2,3-Trichlorobenzene	180	13.956	13.956	0.000	95	47172	20.0	20.6	
S 137 1,2-Dichloroethene, Total	100				0		40.0	38.4	
S 138 Xylenes, Total	100				0		40.0	38.7	
S 139 Total BTEX	1				0		100.0	96.8	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00123	Amount Added:	4.00	Units: uL	
GASES Li_00418	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00136	Amount Added:	20.00	Units: uL	
8260SURR250_00217	Amount Added:	1.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Apr-2021 11:40:59 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20210430-127862.b\O72069.D

Injection Date: 30-Apr-2021 06:41:30 Instrument ID: CVOAMS12 Operator ID:

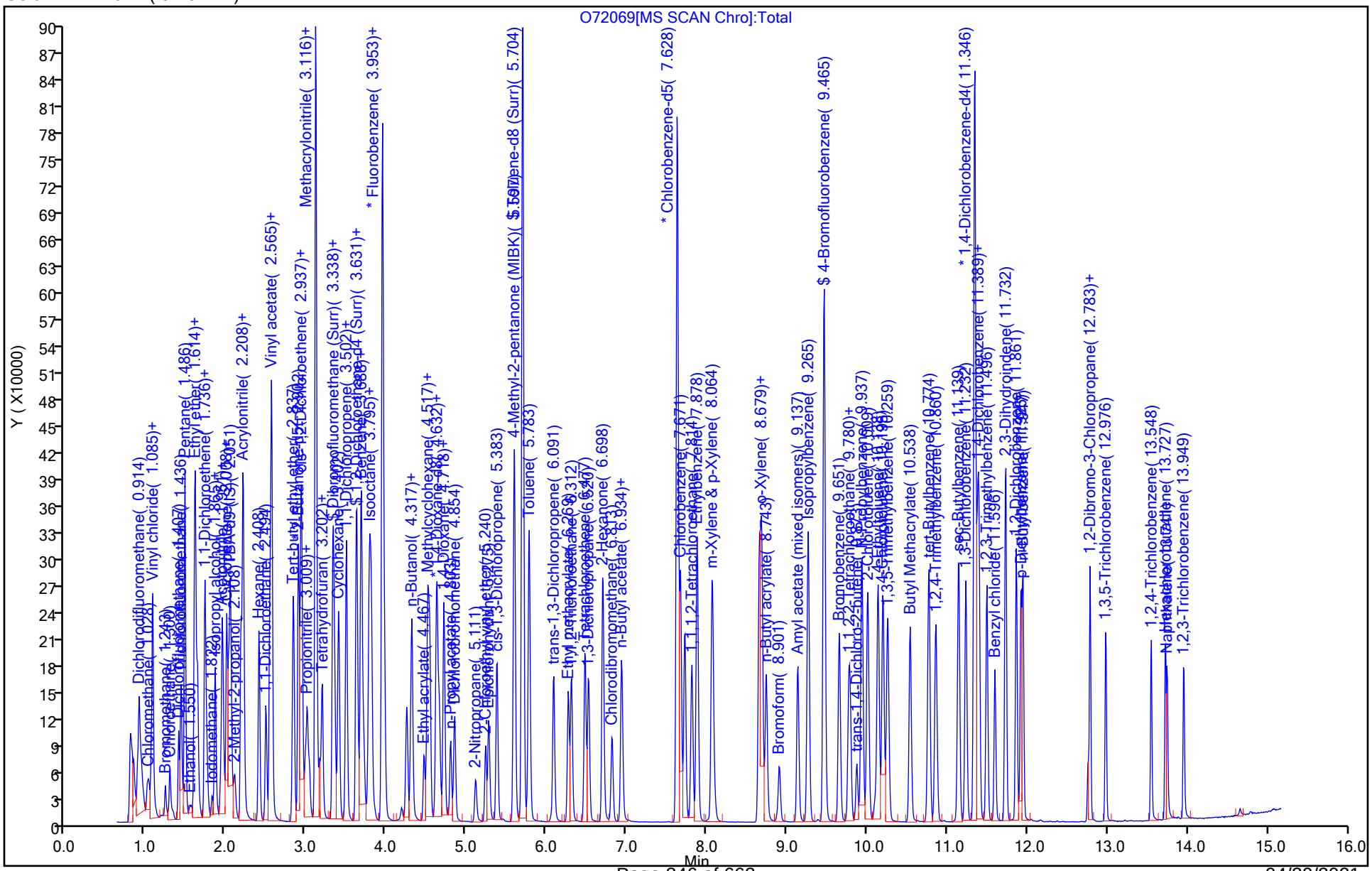
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 04/27/2021 21:42

Analysis Batch Number: 774371 End Date: 04/28/2021 04:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-774371/1		04/27/2021 21:42	1	O71942.D	DB-624 0.18(mm)
STD7 460-774371/3 IC		04/27/2021 22:40	1	O71944.D	DB-624 0.18(mm)
STD1 460-774371/4 IC		04/27/2021 23:05	1	O71945.D	DB-624 0.18(mm)
STD5 460-774371/5 IC		04/27/2021 23:30	1	O71946.D	DB-624 0.18(mm)
STD20 460-774371/6 ICIS		04/27/2021 23:55	1	O71947.D	DB-624 0.18(mm)
STD50 460-774371/7 IC		04/28/2021 00:21	1	O71948.D	DB-624 0.18(mm)
STD500 460-774371/8 IC		04/28/2021 00:46	1	O71949.D	DB-624 0.18(mm)
STD200 460-774371/12 IC		04/28/2021 02:27	1	O71953.D	DB-624 0.18(mm)
ICV 460-774371/16		04/28/2021 04:08	1	O71957.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 04/30/2021 05:29

Analysis Batch Number: 774947 End Date: 04/30/2021 12:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-774947/1		04/30/2021 05:29	1	O72066.D	DB-624 0.18(mm)
CCVIS 460-774947/2		04/30/2021 05:50	1	O72067.D	DB-624 0.18(mm)
LCS 460-774947/3		04/30/2021 06:15	1	O72068.D	DB-624 0.18(mm)
ZZZZZ		04/30/2021 06:15	50		DB-624 0.18(mm)
LCSD 460-774947/4		04/30/2021 06:41	1	O72069.D	DB-624 0.18(mm)
ZZZZZ		04/30/2021 06:41	50		DB-624 0.18(mm)
ZZZZZ		04/30/2021 07:57	50		DB-624 0.18(mm)
MB 460-774947/8		04/30/2021 08:22	1	O72073.D	DB-624 0.18(mm)
460-233064-3	RI-TB-GW	04/30/2021 08:47	1	O72074.D	DB-624 0.18(mm)
460-233064-1	TW-01_20210427	04/30/2021 09:12	1	O72075.D	DB-624 0.18(mm)
460-233064-2	TW-05_20210427	04/30/2021 09:37	1	O72076.D	DB-624 0.18(mm)
ZZZZZ		04/30/2021 10:02	1		DB-624 0.18(mm)
ZZZZZ		04/30/2021 10:54	50		DB-624 0.18(mm)
ZZZZZ		04/30/2021 12:09	50		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Batch Number: 774371 Batch Start Date: 04/27/21 21:42 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00128	524freon 00035	8260 SP 00138	8260ISNEW 00139
BFB 460-774371/1		8260D		5 mL	5				
STD7 460-774371/3 IC		8260D		5 mL	5 mL				1 uL
STD1 460-774371/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-774371/5 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-774371/6 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-774371/7 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD500 460-774371/8 IC		8260D		5 mL	5 mL				1 uL
STD200 460-774371/12 IC		8260D		5 mL	5 mL				1 uL
ICV 460-774371/16		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00135	8260SURR250 00217	8FreonHi 00031	8FreonsSS 00031	ACROLEIN SP 00124	ACROLEIN W 00122
BFB 460-774371/1		8260D							
STD7 460-774371/3 IC		8260D			1 uL				
STD1 460-774371/4 IC		8260D		10 uL	1 uL				4 uL
STD5 460-774371/5 IC		8260D		10 uL	1 uL				4 uL
STD20 460-774371/6 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-774371/7 IC		8260D		50 uL	1 uL				10 uL
STD500 460-774371/8 IC		8260D			1 uL	50 uL			40 uL
STD200 460-774371/12 IC		8260D			1 uL	20 uL			20 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Batch Number: 774371 Batch Start Date: 04/27/21 21:42 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00135	8260SURR250 00217	8FreonHi 00031	8FreonsSS 00031	ACROLEIN SP 00124	ACROLEIN W 00122
ICV 460-774371/16		8260D			1 uL		20 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00085	BFB 00029	Ethanol mix 00051	GAS C SP 00406	GAS Hi 00386	GASES Li 00417
BFB 460-774371/1		8260D			1 uL				
STD7 460-774371/3 IC		8260D		20 uL					2.5 uL
STD1 460-774371/4 IC		8260D							10 uL
STD5 460-774371/5 IC		8260D							10 uL
STD20 460-774371/6 ICIS		8260D							20 uL
STD50 460-774371/7 IC		8260D							50 uL
STD500 460-774371/8 IC		8260D				50 uL		50 uL	
STD200 460-774371/12 IC		8260D				20 uL		20 uL	
ICV 460-774371/16		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00110	MIX I Hi 00137				
BFB 460-774371/1		8260D							
STD7 460-774371/3 IC		8260D							
STD1 460-774371/4 IC		8260D							
STD5 460-774371/5 IC		8260D							
STD20 460-774371/6 ICIS		8260D							
STD50 460-774371/7 IC		8260D							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Batch Number: 774371 Batch Start Date: 04/27/21 21:42 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00110	MIX I Hi 00137				
STD500 460-774371/8 IC		8260D		50 uL	50 uL				
STD200 460-774371/12 IC		8260D		20 uL	20 uL				
ICV 460-774371/16		8260D							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Batch Number: 774947 Batch Start Date: 04/30/21 05:29 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260ISNEW 00139	8260MIX1COMB 00136	8260SURR250 00217
BFB 460-774947/1		8260D		5 mL	5				
CCVIS 460-774947/2		8260D		5 mL	5 mL		1 uL	20 uL	1 uL
LCS 460-774947/3		8260D		5 mL	5 mL		1 uL	20 uL	1 uL
LCSD 460-774947/4		8260D		5 mL	5 mL		1 uL	20 uL	1 uL
MB 460-774947/8		8260D		5 mL	5 mL		1 uL		1 uL
460-233064-B-3	RI-TB-GW	8260D	T	5 mL	5 mL	<2 PH Units	1 uL		1 uL
460-233064-B-1	TW-01_20210427	8260D	T	5 mL	5 mL	<2 PH Units	1 uL		1 uL
460-233064-B-2	TW-05_20210427	8260D	T	5 mL	5 mL	<2 PH Units	1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00123	BFB 00029	GASES Li 00418			
BFB 460-774947/1		8260D			1 uL				
CCVIS 460-774947/2		8260D		4 uL		20 uL			
LCS 460-774947/3		8260D		4 uL		20 uL			
LCSD 460-774947/4		8260D		4 uL		20 uL			
MB 460-774947/8		8260D							
460-233064-B-3	RI-TB-GW	8260D	T						
460-233064-B-1	TW-01_20210427	8260D	T						
460-233064-B-2	TW-05_20210427	8260D	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
TW-01_20210427	460-233064-1	87	58	79
TW-05_20210427	460-233064-2	96	65	75
	MB 460-774756/1-A	98	81	100
	LCS 460-774756/2-A	83	72	86
	LCSD 460-774756/3-A	82	71	84

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	46-137
FBP = 2-Fluorobiphenyl	42-127
TPHL = Terphenyl-d14 (Surr)	39-150

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N31599.d

Lab ID: LCS 460-774756/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	80.0	46.1	58	44-111	
1,2-Dichlorobenzene	80.0	41.7	52	45-104	
1,3-Dichlorobenzene	80.0	39.0	49	39-102	
1,4-Dichlorobenzene	80.0	40.1	50	40-102	
2,2'-oxybis[1-chloropropane]	80.0	68.9	86	42-116	
2,4-Dinitrotoluene	80.0	75.3	94	68-134	
2,6-Dinitrotoluene	80.0	69.6	87	70-124	
2-Chloronaphthalene	80.0	60.0	75	57-107	
2-Methylnaphthalene	80.0	57.3	72	55-111	
2-Nitroaniline	80.0	72.0	90	62-115	
3,3'-Dichlorobenzidine	80.0	59.3	74	53-125	
3-Nitroaniline	80.0	69.9	87	60-112	
4-Bromophenyl phenyl ether	80.0	56.9	71	59-117	
4-Chloroaniline	80.0	59.7	75	42-114	
4-Chlorophenyl phenyl ether	80.0	61.1	76	63-113	
4-Nitroaniline	80.0	74.2	93	58-120	
Acenaphthene	80.0	62.2	78	60-110	
Acenaphthylene	80.0	63.2	79	64-109	
Anthracene	80.0	63.0	79	65-109	
Benzo[a]anthracene	80.0	62.3	78	62-106	
Benzo[a]pyrene	80.0	78.4	98	66-127	
Benzo[b]fluoranthene	80.0	71.6	90	66-125	
Benzo[g,h,i]perylene	80.0	60.8	76	49-149	
Benzo[k]fluoranthene	80.0	73.2	91	64-125	
Bis(2-chloroethoxy)methane	80.0	68.4	86	64-107	
Bis(2-chloroethyl)ether	80.0	67.5	84	63-110	
Bis(2-ethylhexyl) phthalate	80.0	76.9	96	60-120	
Butyl benzyl phthalate	80.0	76.5	96	58-119	
Carbazole	80.0	66.9	84	65-109	
Chrysene	80.0	64.8	81	63-108	
Dibenz(a,h)anthracene	80.0	62.2	78	55-150	
Dibenzofuran	80.0	63.7	80	66-109	
Diethyl phthalate	80.0	72.7	91	69-112	
Dimethyl phthalate	80.0	69.8	87	70-112	
Di-n-butyl phthalate	80.0	74.0	92	66-110	
Di-n-octyl phthalate	80.0	80.6	101	54-128	
Fluoranthene	80.0	64.5	81	65-113	
Fluorene	80.0	65.5	82	65-111	
Hexachlorobenzene	80.0	56.8	71	61-117	
Hexachlorobutadiene	80.0	39.7	50	10-133	
Hexachlorocyclopentadiene	80.0	41.4	52	10-123	
Hexachloroethane	80.0	41.2	52	17-115	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N31599.d

Lab ID: LCS 460-774756/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	80.0	60.4	75	54-150	
Isophorone	80.0	71.2	89	68-114	
Naphthalene	80.0	52.9	66	58-105	
Nitrobenzene	80.0	72.0	90	71-116	
N-Nitrosodi-n-propylamine	80.0	74.3	93	60-119	
N-Nitrosodiphenylamine	80.0	61.5	77	63-109	
Phenanthrene	80.0	62.8	79	65-108	
Pyrene	80.0	67.6	85	54-114	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N31600.d

Lab ID: LCSD 460-774756/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	80.0	46.4	58	0	30	44-111	
1,2-Dichlorobenzene	80.0	41.6	52	0	30	45-104	
1,3-Dichlorobenzene	80.0	38.9	49	0	30	39-102	
1,4-Dichlorobenzene	80.0	39.9	50	1	30	40-102	
2,2'-oxybis[1-chloropropane]	80.0	68.8	86	0	30	42-116	
2,4-Dinitrotoluene	80.0	76.8	96	2	30	68-134	
2,6-Dinitrotoluene	80.0	72.4	90	4	30	70-124	
2-Chloronaphthalene	80.0	60.3	75	0	30	57-107	
2-Methylnaphthalene	80.0	57.8	72	1	30	55-111	
2-Nitroaniline	80.0	73.2	92	2	30	62-115	
3,3'-Dichlorobenzidine	80.0	60.7	76	2	30	53-125	
3-Nitroaniline	80.0	71.4	89	2	30	60-112	
4-Bromophenyl phenyl ether	80.0	55.9	70	2	30	59-117	
4-Chloroaniline	80.0	60.2	75	1	30	42-114	
4-Chlorophenyl phenyl ether	80.0	62.7	78	3	30	63-113	
4-Nitroaniline	80.0	77.5	97	4	30	58-120	
Acenaphthene	80.0	62.2	78	0	30	60-110	
Acenaphthylene	80.0	63.4	79	0	30	64-109	
Anthracene	80.0	63.8	80	1	30	65-109	
Benzo[a]anthracene	80.0	61.6	77	1	30	62-106	
Benzo[a]pyrene	80.0	77.6	97	1	30	66-127	
Benzo[b]fluoranthene	80.0	73.3	92	2	30	66-125	
Benzo[g,h,i]perylene	80.0	61.4	77	1	30	49-149	
Benzo[k]fluoranthene	80.0	74.5	93	2	30	64-125	
Bis(2-chloroethoxy)methane	80.0	68.0	85	1	30	64-107	
Bis(2-chloroethyl)ether	80.0	66.9	84	1	30	63-110	
Bis(2-ethylhexyl) phthalate	80.0	77.1	96	0	30	60-120	
Butyl benzyl phthalate	80.0	76.8	96	0	30	58-119	
Carbazole	80.0	67.9	85	1	30	65-109	
Chrysene	80.0	65.0	81	0	30	63-108	
Dibenz(a,h)anthracene	80.0	63.3	79	2	30	55-150	
Dibenzofuran	80.0	64.0	80	1	30	66-109	
Diethyl phthalate	80.0	74.5	93	2	30	69-112	
Dimethyl phthalate	80.0	70.8	89	1	30	70-112	
Di-n-butyl phthalate	80.0	75.6	94	2	30	66-110	
Di-n-octyl phthalate	80.0	82.9	104	3	30	54-128	
Fluoranthene	80.0	66.1	83	3	30	65-113	
Fluorene	80.0	65.8	82	0	30	65-111	
Hexachlorobenzene	80.0	57.2	71	1	30	61-117	
Hexachlorobutadiene	80.0	39.1	49	2	30	10-133	
Hexachlorocyclopentadiene	80.0	40.9	51	1	30	10-123	
Hexachloroethane	80.0	41.5	52	1	30	17-115	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N31600.d

Lab ID: LCSD 460-774756/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	80.0	60.8	76	1	30	54-150	
Isophorone	80.0	70.9	89	0	30	68-114	
Naphthalene	80.0	52.9	66	0	30	58-105	
Nitrobenzene	80.0	71.3	89	1	30	71-116	
N-Nitrosodi-n-propylamine	80.0	74.2	93	0	30	60-119	
N-Nitrosodiphenylamine	80.0	60.4	75	2	30	63-109	
Phenanthrene	80.0	63.1	79	0	30	65-108	
Pyrene	80.0	66.6	83	2	30	54-114	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab File ID: N31598.d Lab Sample ID: MB 460-774756/1-A

Matrix: Water Date Extracted: 04/29/2021 09:42

Instrument ID: CBNAMS14 Date Analyzed: 04/29/2021 19:14

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-774756/2-A	N31599.d	04/29/2021 19:35
	LCSD 460-774756/3-A	N31600.d	04/29/2021 19:56
TW-01_20210427	460-233064-1	N31608.d	04/29/2021 22:47
TW-05_20210427	460-233064-2	N31609.d	04/29/2021 23:09

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab File ID: N030094.d DFTPP Injection Date: 02/26/2021

Instrument ID: CBNAMS14 DFTPP Injection Time: 08:06

Analysis Batch No.: 761139

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.7 (1.9) 1
69	Present	39.2
70	Less than 2% of m/z 69	0.2 (0.5) 1
197	Less than 2% of m/z 198	0.0
198	Base Peak	100.0
199	5-9% of m/z 198	6.5
365	Greater than 1% of Base Peak	4.0
441	Less than 150% of m/z 443	21.3 (83.6) 3
442	Present	136.1
443	15-24% of m/z 442	25.5 (18.7) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-761139/2	N030095.d	02/26/2021	8:22
	STD24 460-761139/3	N030096.d	02/26/2021	8:43
	STD16 460-761139/4	N030097.d	02/26/2021	9:04
	STD4 460-761139/5	N030098.d	02/26/2021	9:25
	STD2 460-761139/6	N030099.d	02/26/2021	9:46
	STD1 460-761139/7	N030100.d	02/26/2021	10:07
	STD04 460-761139/8	N030101.d	02/26/2021	10:28
	STD02 460-761139/9	N030102.d	02/26/2021	10:49
	STD01 460-761139/10	N030103.d	02/26/2021	11:10
	ICV 460-761139/11	N030104.d	02/26/2021	11:32

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Sample No.: ICIS 460-761139/2 Date Analyzed: 02/26/2021 08:22

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N030095.d Heated Purge: (Y/N) N

Calibration ID: 83931

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		307653	4.34	1049136	5.56	536416	7.22
UPPER LIMIT		615306	4.84	2098272	6.06	1072832	7.72
LOWER LIMIT		153827	3.84	524568	5.06	268208	6.72
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-761139/11		278424	4.34	985346	5.55	485741	7.22

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Sample No.: ICIS 460-761139/2 Date Analyzed: 02/26/2021 08:22

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N030095.d Heated Purge: (Y/N) N

Calibration ID: 83931

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		882533	8.62	626168	11.23	578864	13.09
UPPER LIMIT		1765066	9.12	1252336	11.73	1157728	13.59
LOWER LIMIT		441267	8.12	313084	10.73	289432	12.59
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-761139/11		774280	8.62	543960	11.23	635641	13.08

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Sample No.: CCVIS 460-774880/2 Date Analyzed: 04/29/2021 18:27

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N31596.d Heated Purge: (Y/N) N

Calibration ID: 83931

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		348208	4.12	1218708	5.34	638234	7.00
UPPER LIMIT		696416	4.62	2437416	5.84	1276468	7.50
LOWER LIMIT		174104	3.62	609354	4.84	319117	6.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-774756/1-A		435744	4.12	1601835	5.33	846520	7.00
LCS 460-774756/2-A		460446	4.12	1690873	5.34	868528	7.00
LCSD 460-774756/3-A		428677	4.12	1567887	5.34	806987	7.00
460-233064-1	TW-01_20210427	355082	4.12	1318441	5.33	688820	7.00
460-233064-2	TW-05_20210427	333851	4.12	1224648	5.33	625986	7.00

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Sample No.: CCVIS 460-774880/2 Date Analyzed: 04/29/2021 18:27

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N31596.d Heated Purge: (Y/N) N

Calibration ID: 83931

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1081949	8.40	713381	10.97	684429	12.74
UPPER LIMIT		2163898	8.90	1426762	11.47	1368858	13.24
LOWER LIMIT		540975	7.90	356691	10.47	342215	12.24
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-774756/1-A		1550495	8.40	1005287	10.97	893093	12.73
LCS 460-774756/2-A		1525139	8.40	983913	10.98	941141	12.74
LCSD 460-774756/3-A		1458840	8.40	992590	10.98	923039	12.74
460-233064-1	TW-01_20210427	1248277	8.40	818659	10.97	733148	12.73
460-233064-2	TW-05_20210427	1165973	8.40	818568	10.97	730738	12.73

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: TW-01_20210427 Lab Sample ID: 460-233064-1

Matrix: Water Lab File ID: N31608.d

Analysis Method: 8270E Date Collected: 04/27/2021 12:20

Extract. Method: 3510C Date Extracted: 04/29/2021 09:43

Sample wt/vol: 250(mL) Date Analyzed: 04/29/2021 22:47

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774880 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.0	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	10	U	10	0.50
541-73-1	1,3-Dichlorobenzene	10	U	10	2.0
106-46-7	1,4-Dichlorobenzene	10	U	10	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
91-57-6	2-Methylnaphthalene	10	U	10	0.53
88-74-4	2-Nitroaniline	10	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
100-01-6	4-Nitroaniline	10	U	10	1.2
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: TW-01_20210427 Lab Sample ID: 460-233064-1

Matrix: Water Lab File ID: N31608.d

Analysis Method: 8270E Date Collected: 04/27/2021 12:20

Extract. Method: 3510C Date Extracted: 04/29/2021 09:43

Sample wt/vol: 250(mL) Date Analyzed: 04/29/2021 22:47

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774880 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	58		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	87		46-137
1718-51-0	Terphenyl-d14 (Surr)	79		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31608.d
Lims ID: 460-233064-D-1-A
Client ID: TW-01_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 22:47:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127849-014
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 07:05:25 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: maheseep Date: 30-Apr-2021 11:12:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.116	4.116	0.000	97	355082	8.00	
$ 27 Nitrobenzene-d5	82	4.645	4.651	-0.006	95	611931	8.65	
* 38 Naphthalene-d8	136	5.334	5.340	-0.006	99	1318441	8.00	
$ 51 2-Fluorobiphenyl	172	6.369	6.375	-0.006	97	807776	5.78	
* 64 Acenaphthene-d10	164	7.004	7.004	0.000	97	688820	8.00	
* 87 Phenanthrene-d10	188	8.398	8.404	-0.006	99	1248277	8.00	
$ 96 Terphenyl-d14	244	9.922	9.922	0.000	98	997638	7.93	
* 102 Chrysene-d12	240	10.969	10.974	-0.005	99	818659	8.00	
* 109 Perylene-d12	264	12.733	12.739	-0.006	99	733148	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00192 Amount Added: 20.00 Units: uL Run Reagent

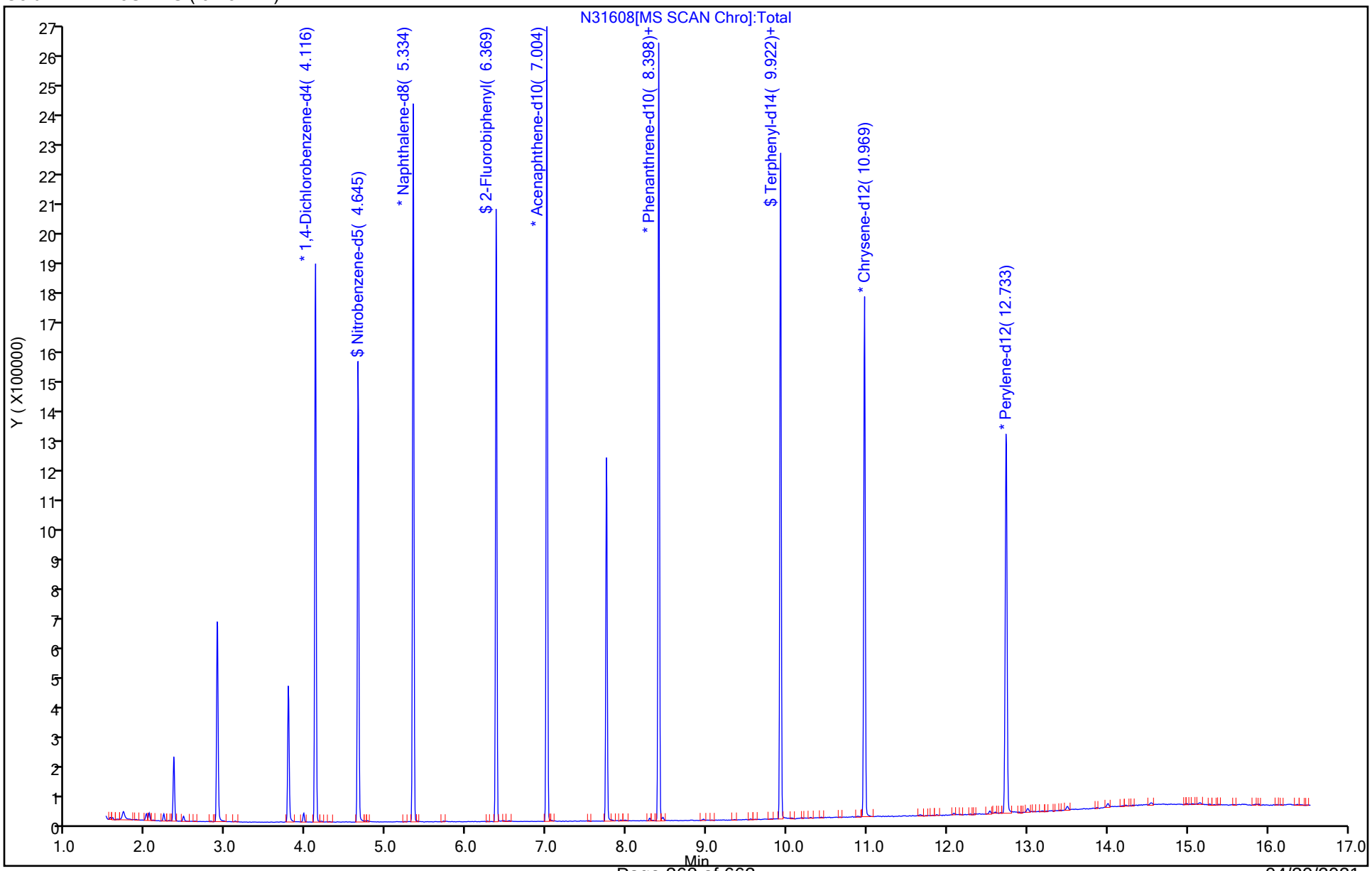
Report Date: 30-Apr-2021 07:05:26 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31608.d

Injection Date:	29-Apr-2021 22:47:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	460-233064-D-1-A	Lab Sample ID:	460-233064-1	Worklist Smp#:	14
Client ID:	TW-01_20210427				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



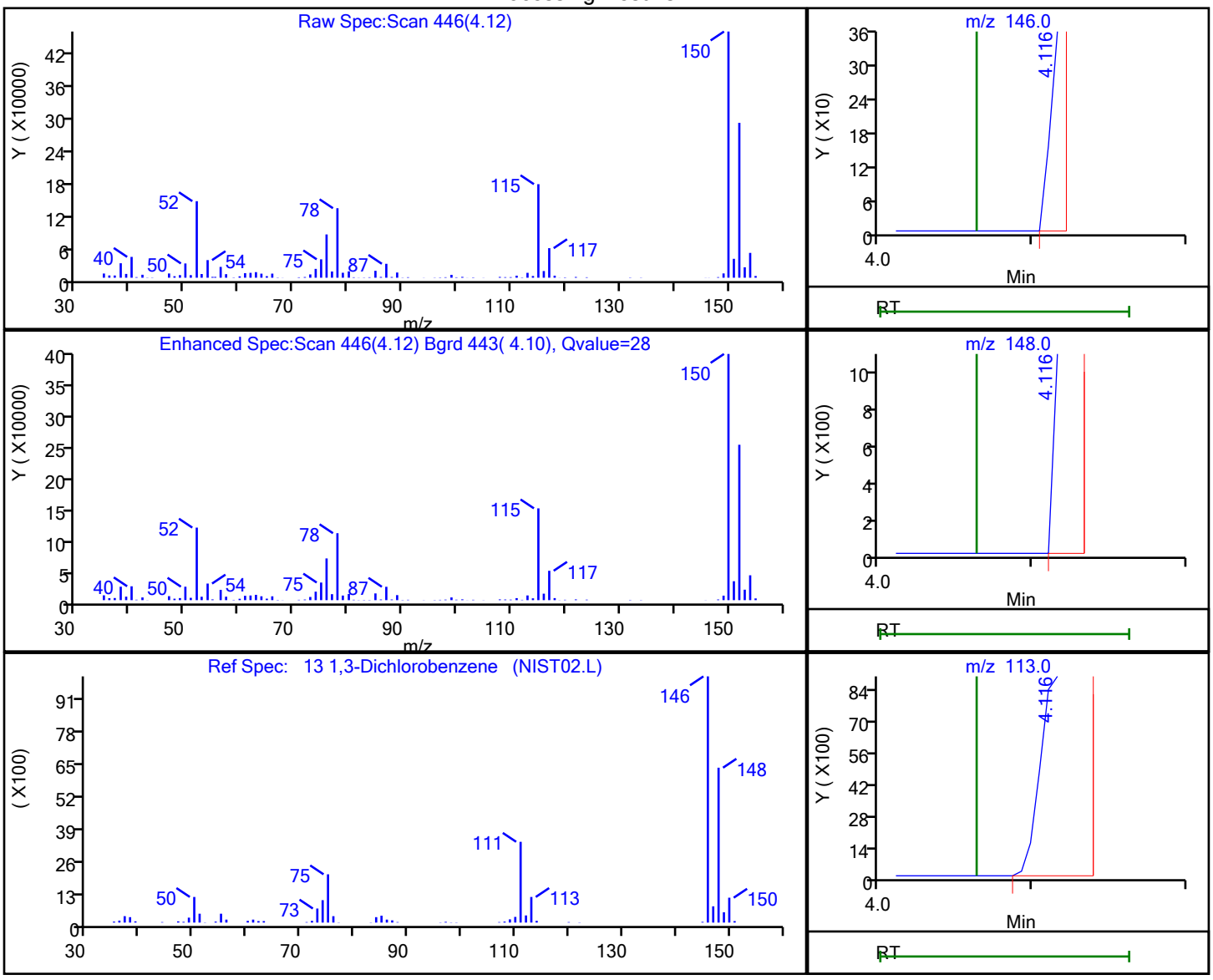
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31608.d				
Injection Date:	29-Apr-2021 22:47:30	Instrument ID:	CBNAMS14		
Lims ID:	460-233064-D-1-A	Lab Sample ID:	460-233064-1		
Client ID:	TW-01_20210427				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
4.12	146.00	179	0.002611
4.12	148.00	794	
4.12	113.00	11403	

Reviewer: johnstonm1, 30-Apr-2021 07:05:22

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

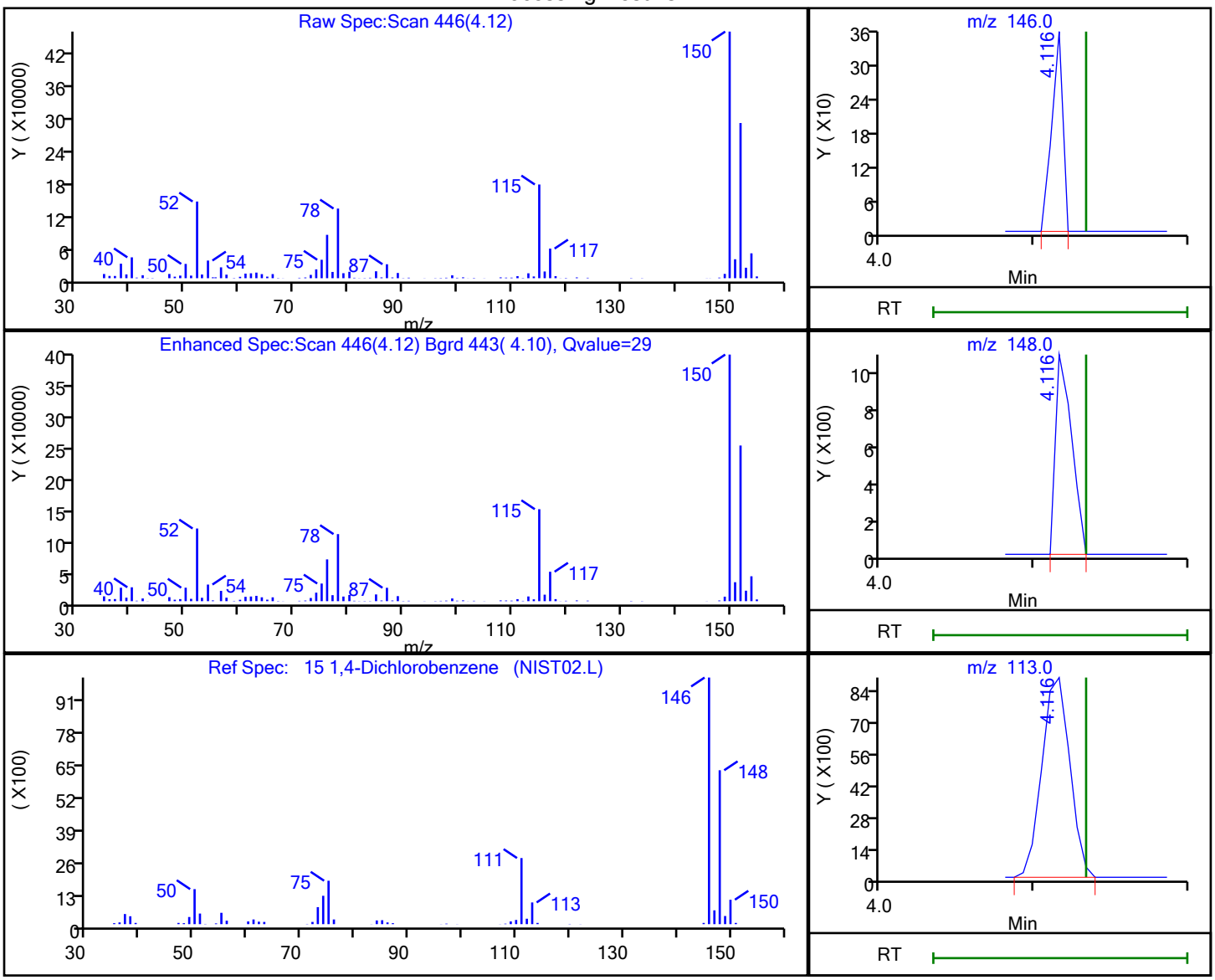
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31608.d				
Injection Date:	29-Apr-2021 22:47:30	Instrument ID:	CBNAMS14		
Lims ID:	460-233064-D-1-A	Lab Sample ID:	460-233064-1		
Client ID:	TW-01_20210427				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

15 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
4.12	146.00	179	0.002588
4.12	148.00	794	
4.12	113.00	11403	

Reviewer: johnstonm1, 30-Apr-2021 07:05:23

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

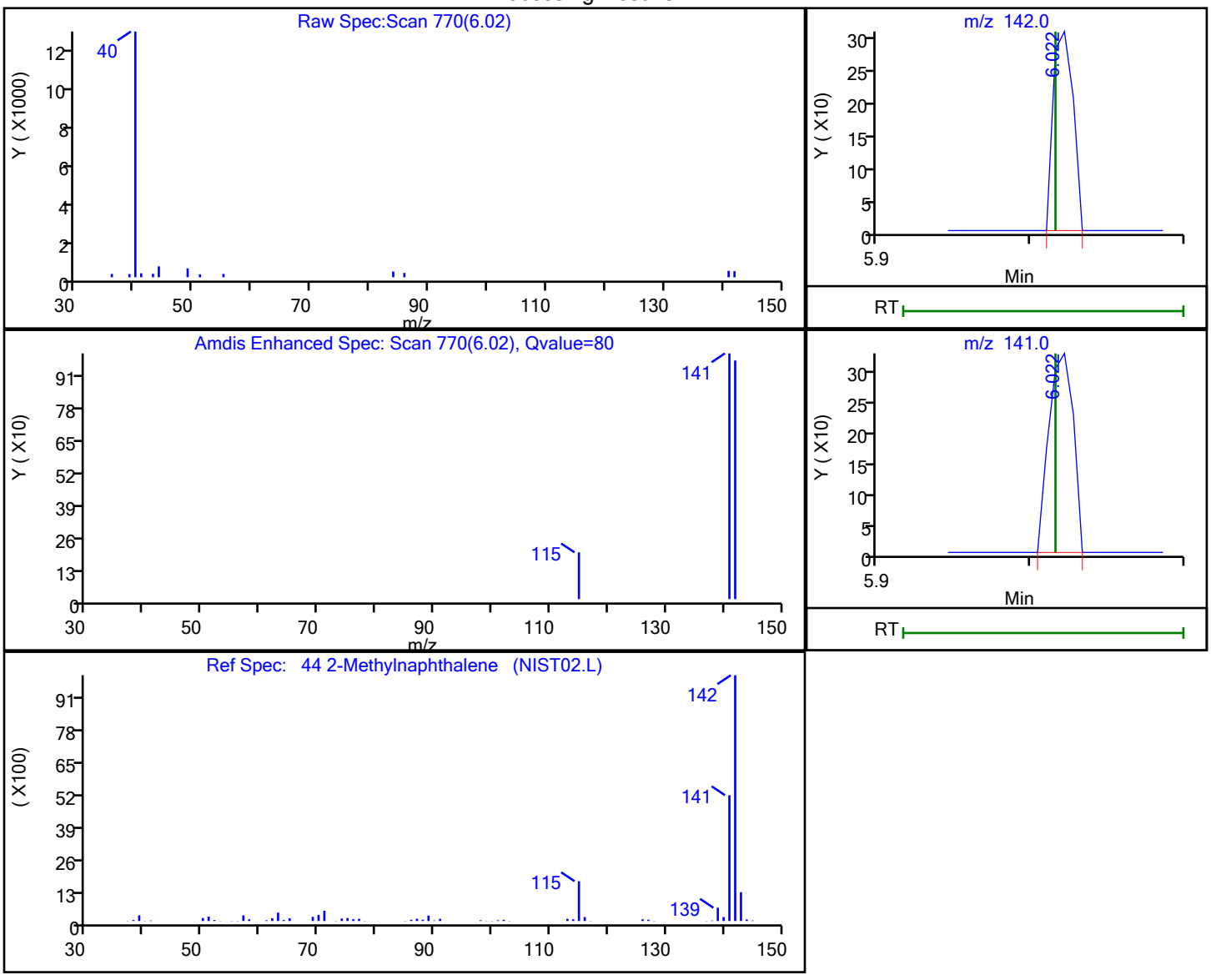
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31608.d				
Injection Date:	29-Apr-2021 22:47:30	Instrument ID:	CBNAMS14		
Lims ID:	460-233064-D-1-A	Lab Sample ID:	460-233064-1		
Client ID:	TW-01_20210427				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

44 2-Methylnaphthalene, CAS: 91-57-6

Processing Results



RT	Mass	Response	Amount
6.02	142.00	281	0.002379
6.02	141.00	359	

Reviewer: johnstonm1, 30-Apr-2021 07:05:24

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

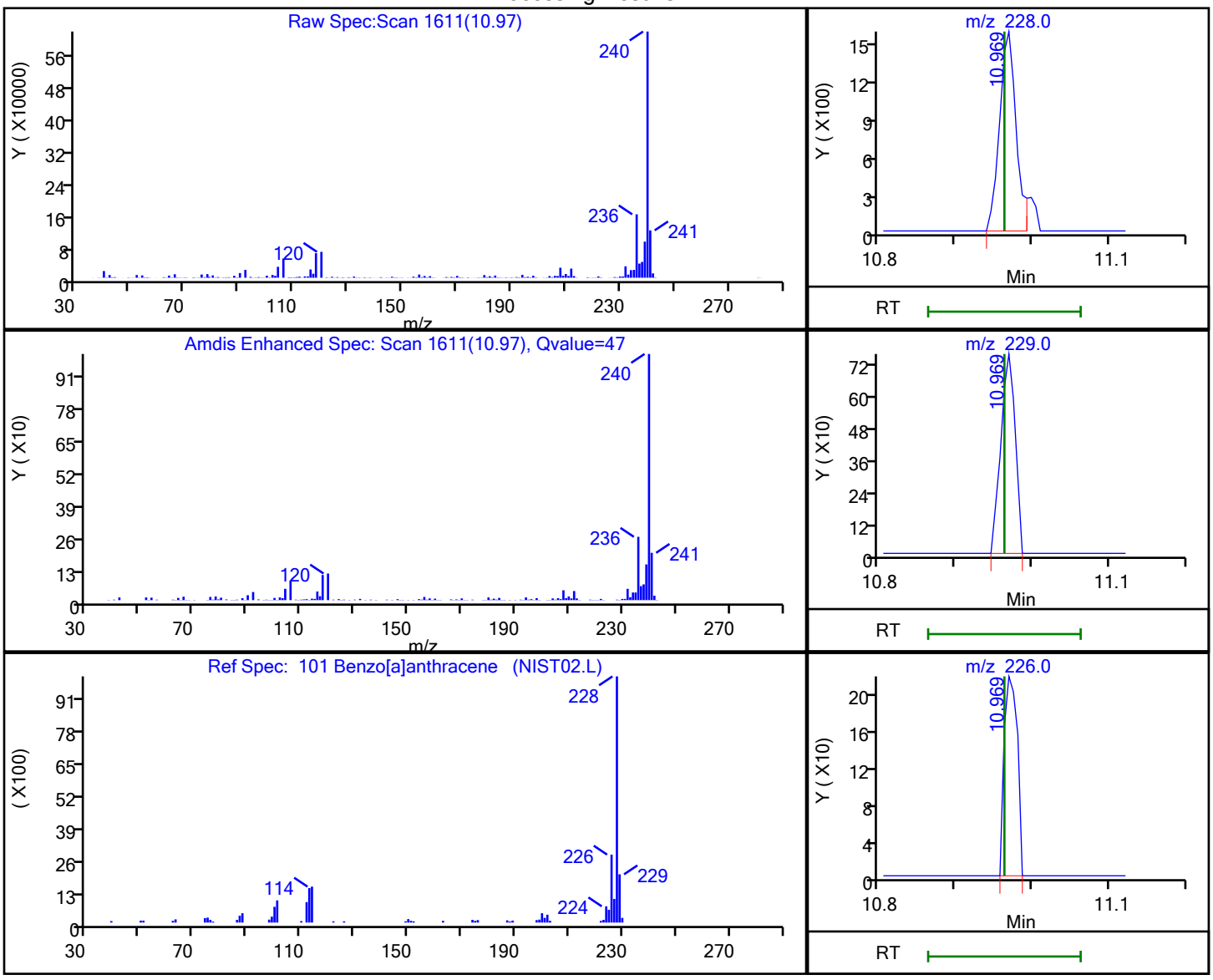
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31608.d				
Injection Date:	29-Apr-2021 22:47:30	Instrument ID:	CBNAMS14		
Lims ID:	460-233064-D-1-A	Lab Sample ID:	460-233064-1		
Client ID:	TW-01_20210427				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
10.97	228.00	2409	0.017026
10.97	229.00	990	
10.97	226.00	261	

Reviewer: johnstonm1, 30-Apr-2021 07:05:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

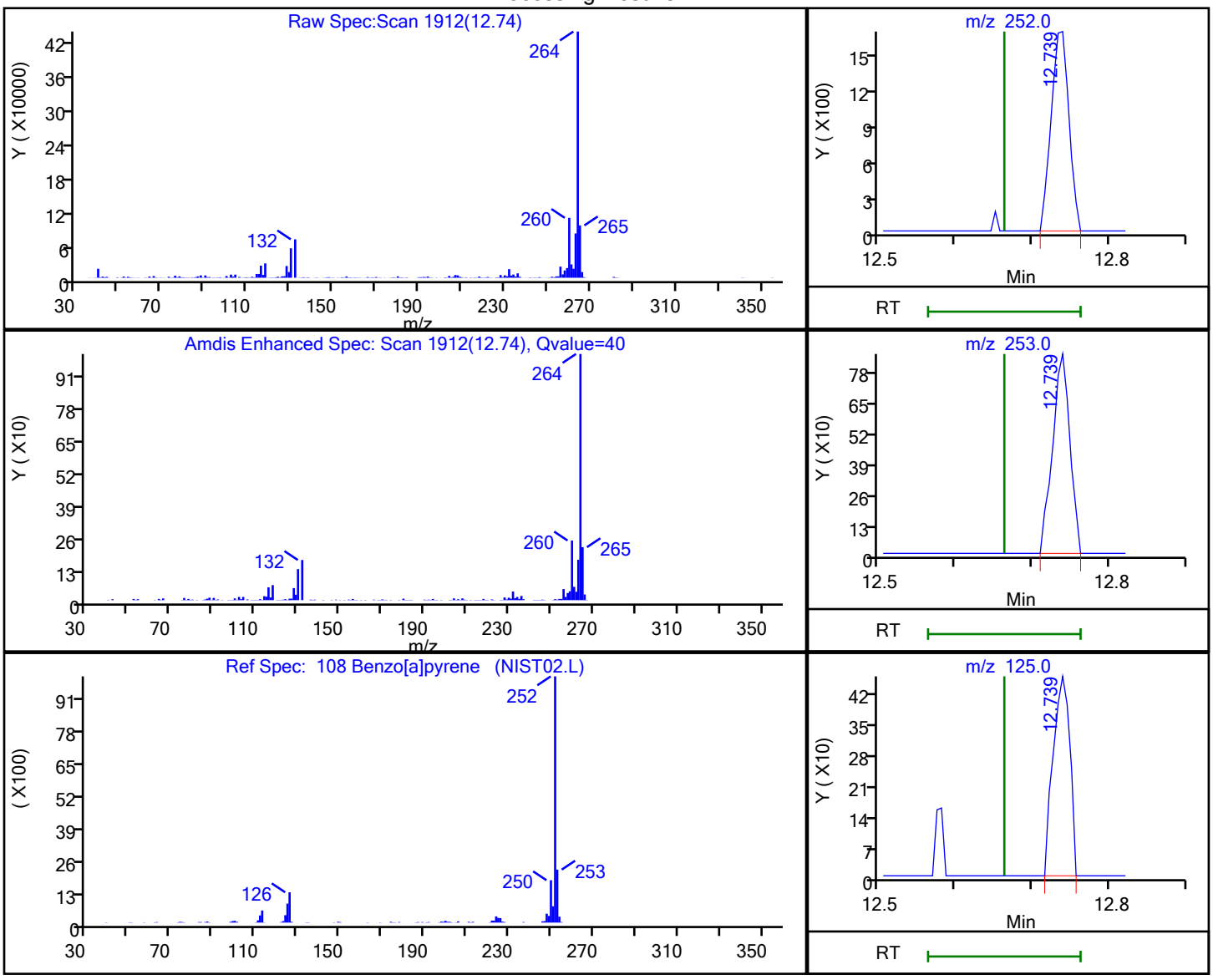
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31608.d				
Injection Date:	29-Apr-2021 22:47:30	Instrument ID:	CBNAMS14		
Lims ID:	460-233064-D-1-A	Lab Sample ID:	460-233064-1		
Client ID:	TW-01_20210427				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.74	252.00	2694	0.029110
12.74	253.00	1351	
12.74	125.00	694	

Reviewer: maheseep, 30-Apr-2021 11:12:15

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

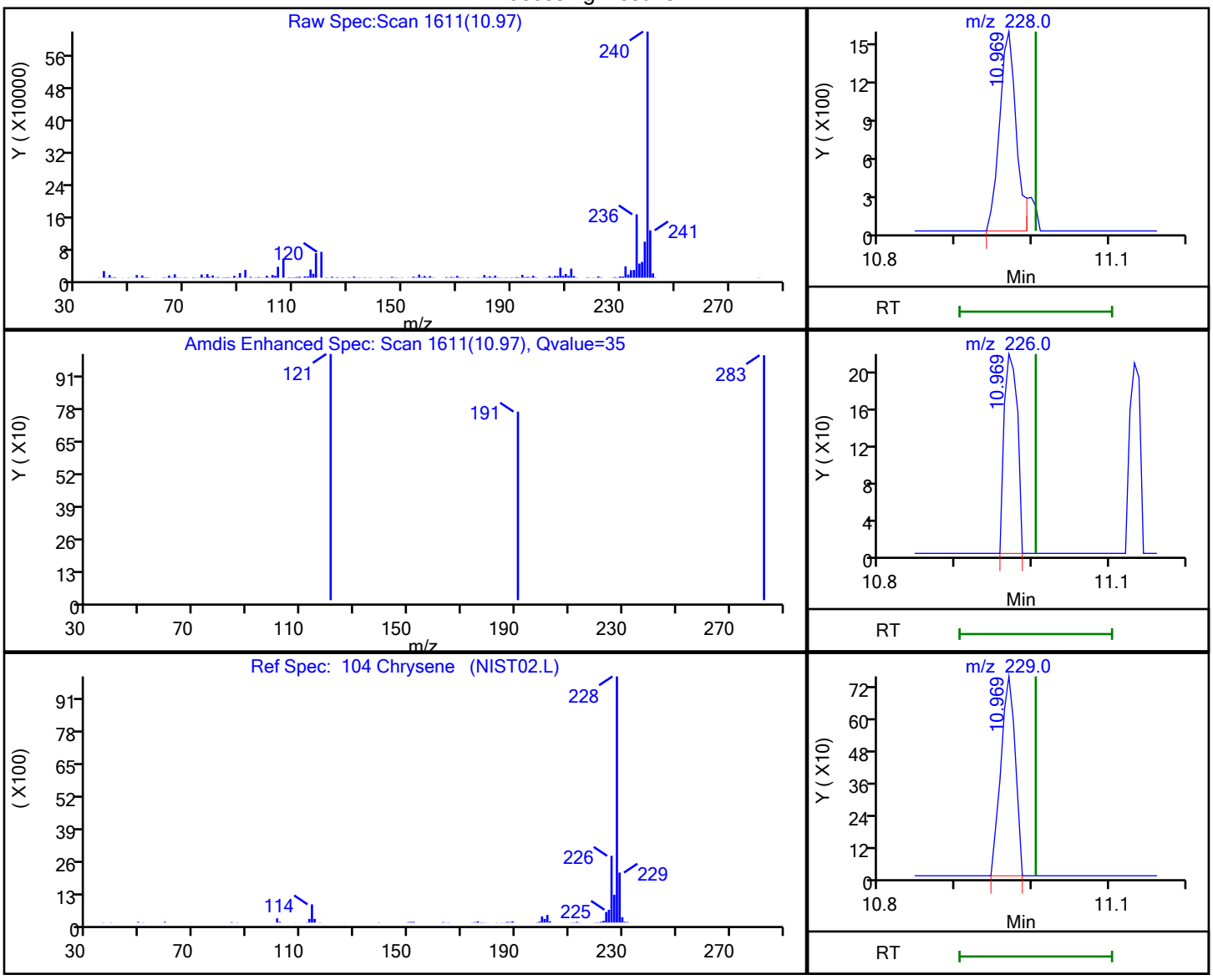
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31608.d				
Injection Date:	29-Apr-2021 22:47:30	Instrument ID:	CBNAMS14		
Lims ID:	460-233064-D-1-A	Lab Sample ID:	460-233064-1		
Client ID:	TW-01_20210427				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
10.97	228.00	2409	0.017781
10.97	226.00	261	
10.97	229.00	990	

Reviewer: johnstonm1, 30-Apr-2021 07:05:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: TW-05_20210427 Lab Sample ID: 460-233064-2

Matrix: Water Lab File ID: N31609.d

Analysis Method: 8270E Date Collected: 04/27/2021 11:33

Extract. Method: 3510C Date Extracted: 04/29/2021 09:43

Sample wt/vol: 250(mL) Date Analyzed: 04/29/2021 23:09

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774880 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.0	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	10	U	10	0.50
541-73-1	1,3-Dichlorobenzene	10	U	10	2.0
106-46-7	1,4-Dichlorobenzene	10	U	10	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
91-57-6	2-Methylnaphthalene	10	U	10	0.53
88-74-4	2-Nitroaniline	10	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
100-01-6	4-Nitroaniline	10	U	10	1.2
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: TW-05_20210427 Lab Sample ID: 460-233064-2

Matrix: Water Lab File ID: N31609.d

Analysis Method: 8270E Date Collected: 04/27/2021 11:33

Extract. Method: 3510C Date Extracted: 04/29/2021 09:43

Sample wt/vol: 250(mL) Date Analyzed: 04/29/2021 23:09

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774880 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	65		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	96		46-137
1718-51-0	Terphenyl-d14 (Surr)	75		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31609.d
Lims ID: 460-233064-D-2-A
Client ID: TW-05_20210427
Sample Type: Client
Inject. Date: 29-Apr-2021 23:09:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127849-015
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 07:05:36 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: maheseep Date: 30-Apr-2021 11:12:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.116	4.116	0.000	98	333851	8.00	
$ 27 Nitrobenzene-d5	82	4.646	4.651	-0.005	96	629039	9.58	
* 38 Naphthalene-d8	136	5.334	5.340	-0.006	100	1224648	8.00	
$ 51 2-Fluorobiphenyl	172	6.369	6.375	-0.006	97	827062	6.51	
* 64 Acenaphthene-d10	164	7.004	7.004	0.000	98	625986	8.00	
* 87 Phenanthrene-d10	188	8.398	8.404	-0.006	99	1165973	8.00	
$ 96 Terphenyl-d14	244	9.922	9.922	0.000	98	945062	7.51	
* 102 Chrysene-d12	240	10.969	10.974	-0.005	99	818568	8.00	
* 109 Perylene-d12	264	12.733	12.739	-0.006	99	730738	8.00	

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00192 Amount Added: 20.00 Units: uL Run Reagent

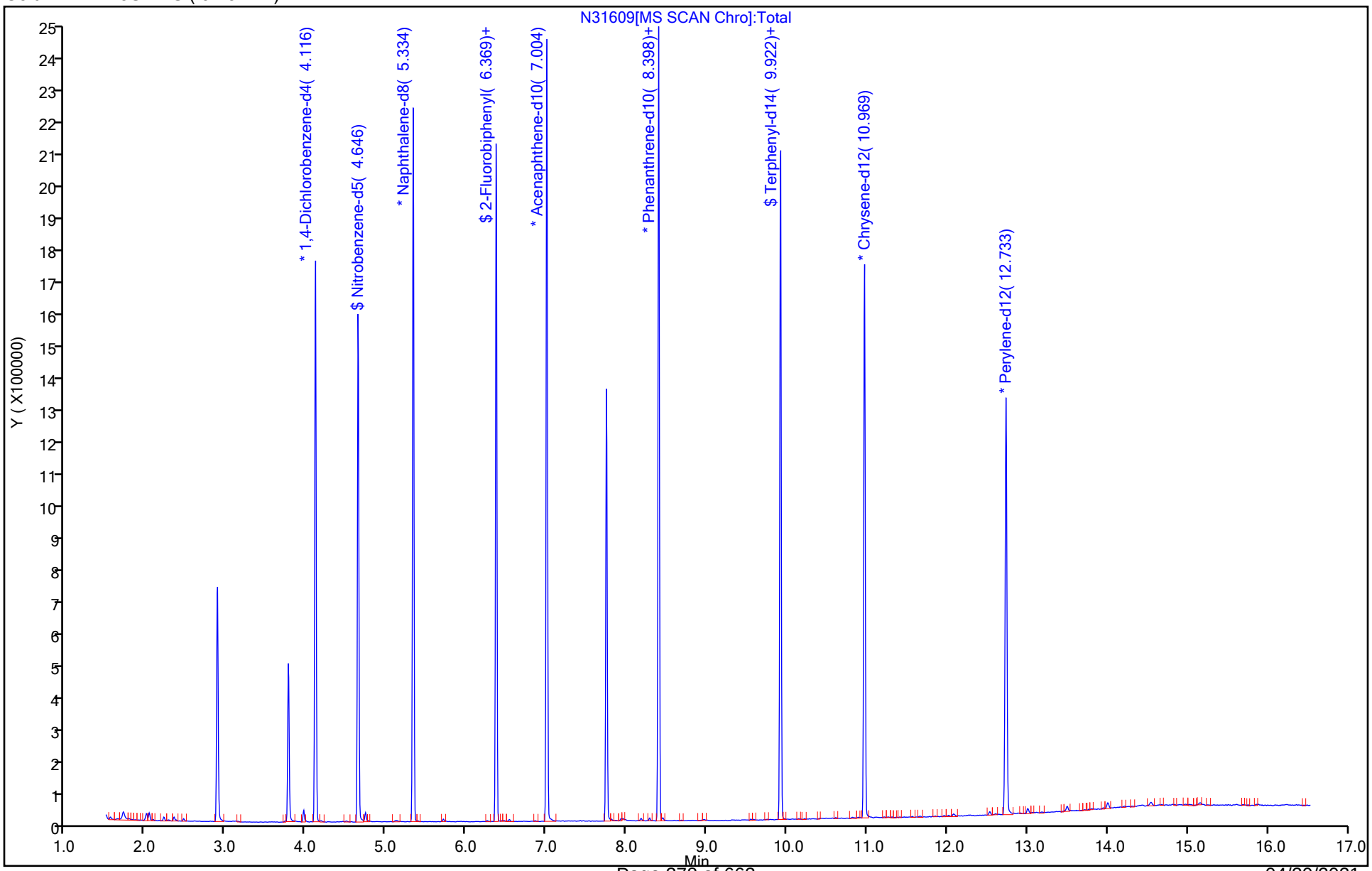
Report Date: 30-Apr-2021 07:05:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31609.d

Injection Date:	29-Apr-2021 23:09:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	460-233064-D-2-A	Lab Sample ID:	460-233064-2	Worklist Smp#:	15
Client ID:	TW-05_20210427				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



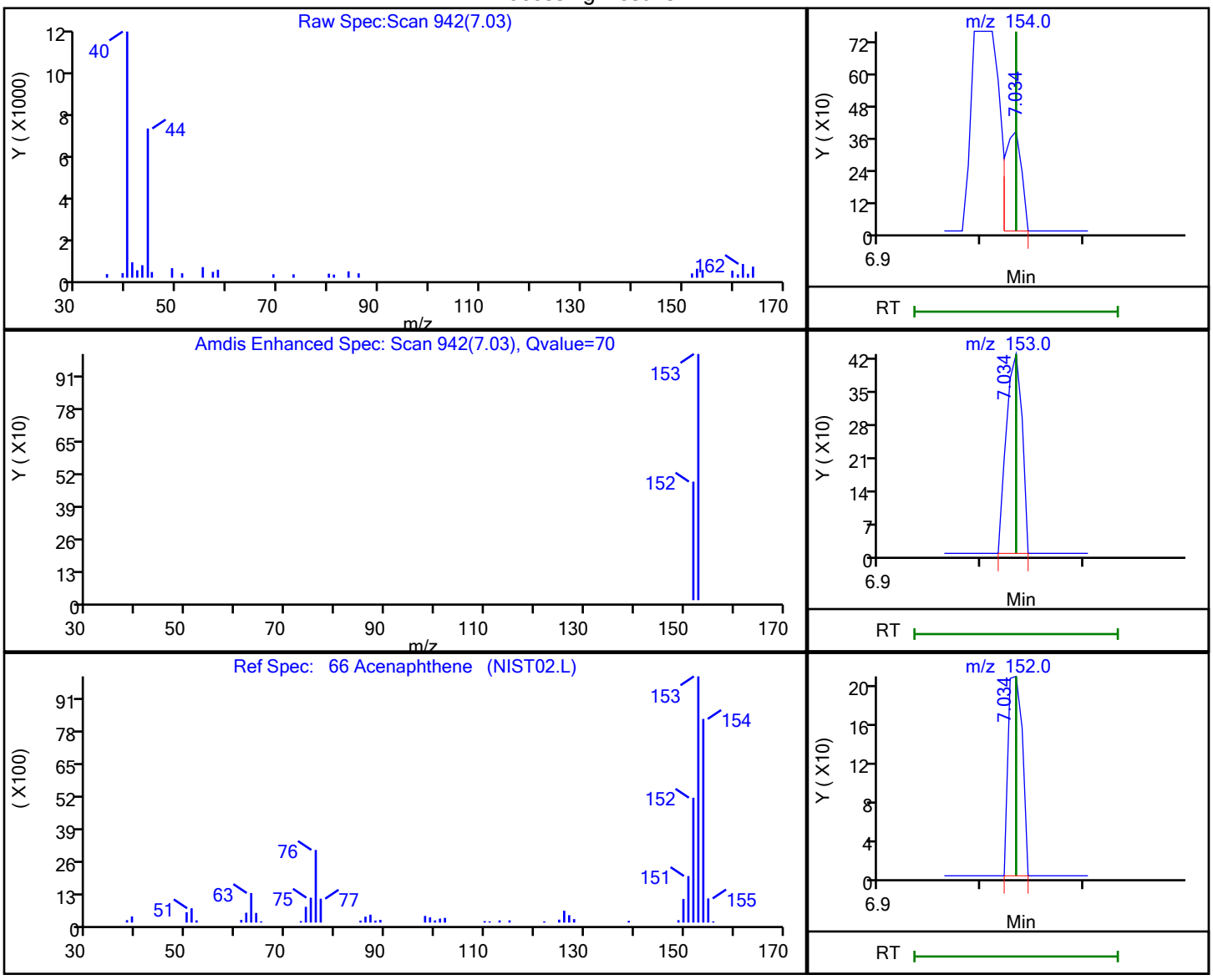
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31609.d				
Injection Date:	29-Apr-2021 23:09:30	Instrument ID:	CBNAMS14		
Lims ID:	460-233064-D-2-A	Lab Sample ID:	460-233064-2		
Client ID:	TW-05_20210427				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
7.03	154.00	433	0.004727
7.03	153.00	460	
7.03	152.00	198	

Reviewer: johnstonm1, 30-Apr-2021 07:05:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

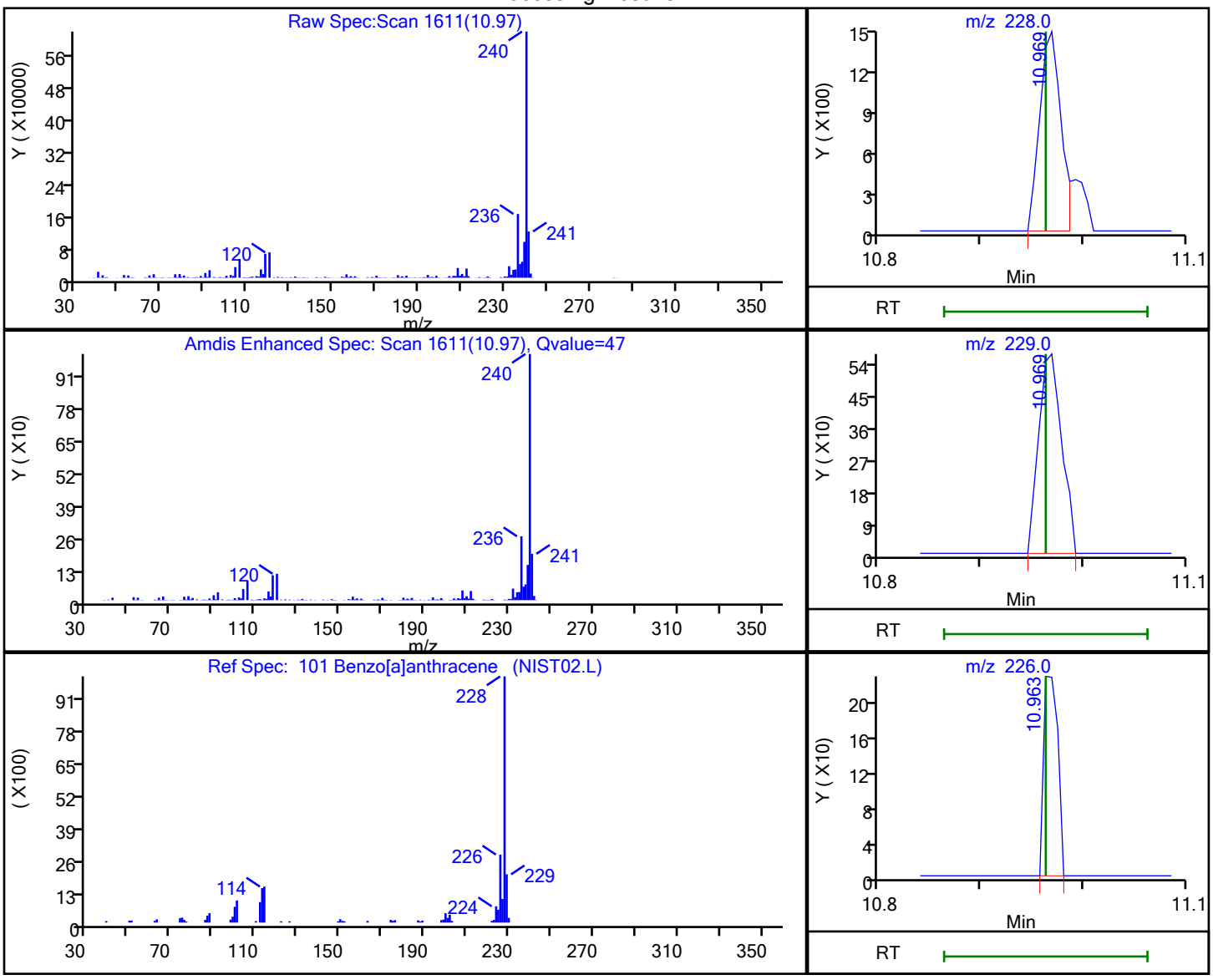
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31609.d				
Injection Date:	29-Apr-2021 23:09:30	Instrument ID:	CBNAMS14		
Lims ID:	460-233064-D-2-A	Lab Sample ID:	460-233064-2		
Client ID:	TW-05_20210427				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
10.97	228.00	2132	0.015070
10.97	229.00	887	
10.96	226.00	215	

Reviewer: johnstonm1, 30-Apr-2021 07:05:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

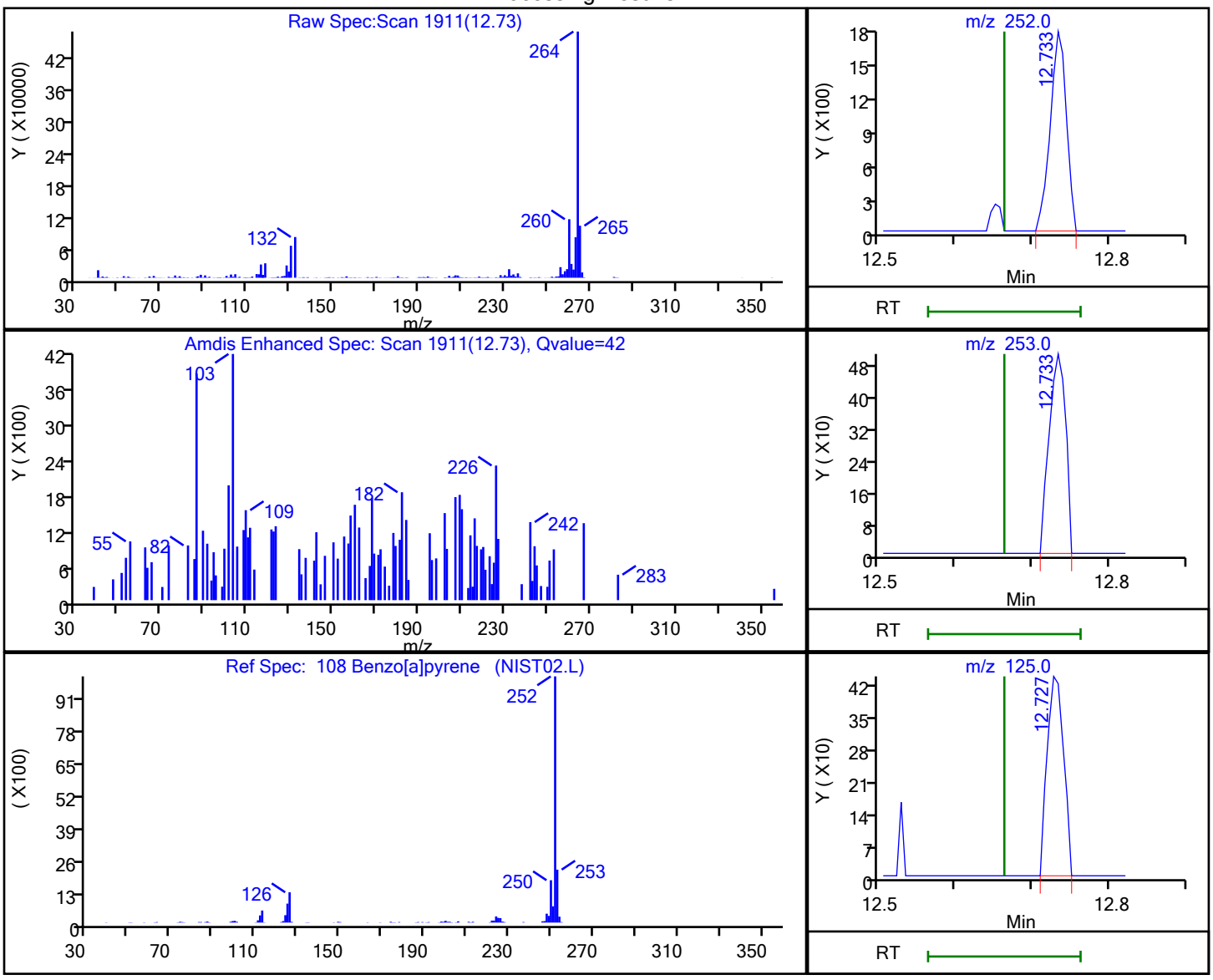
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31609.d				
Injection Date:	29-Apr-2021 23:09:30	Instrument ID:	CBNAMS14		
Lims ID:	460-233064-D-2-A	Lab Sample ID:	460-233064-2		
Client ID:	TW-05_20210427				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.73	252.00	2629	0.028501
12.73	253.00	754	
12.73	125.00	658	

Reviewer: maheseep, 30-Apr-2021 11:12:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

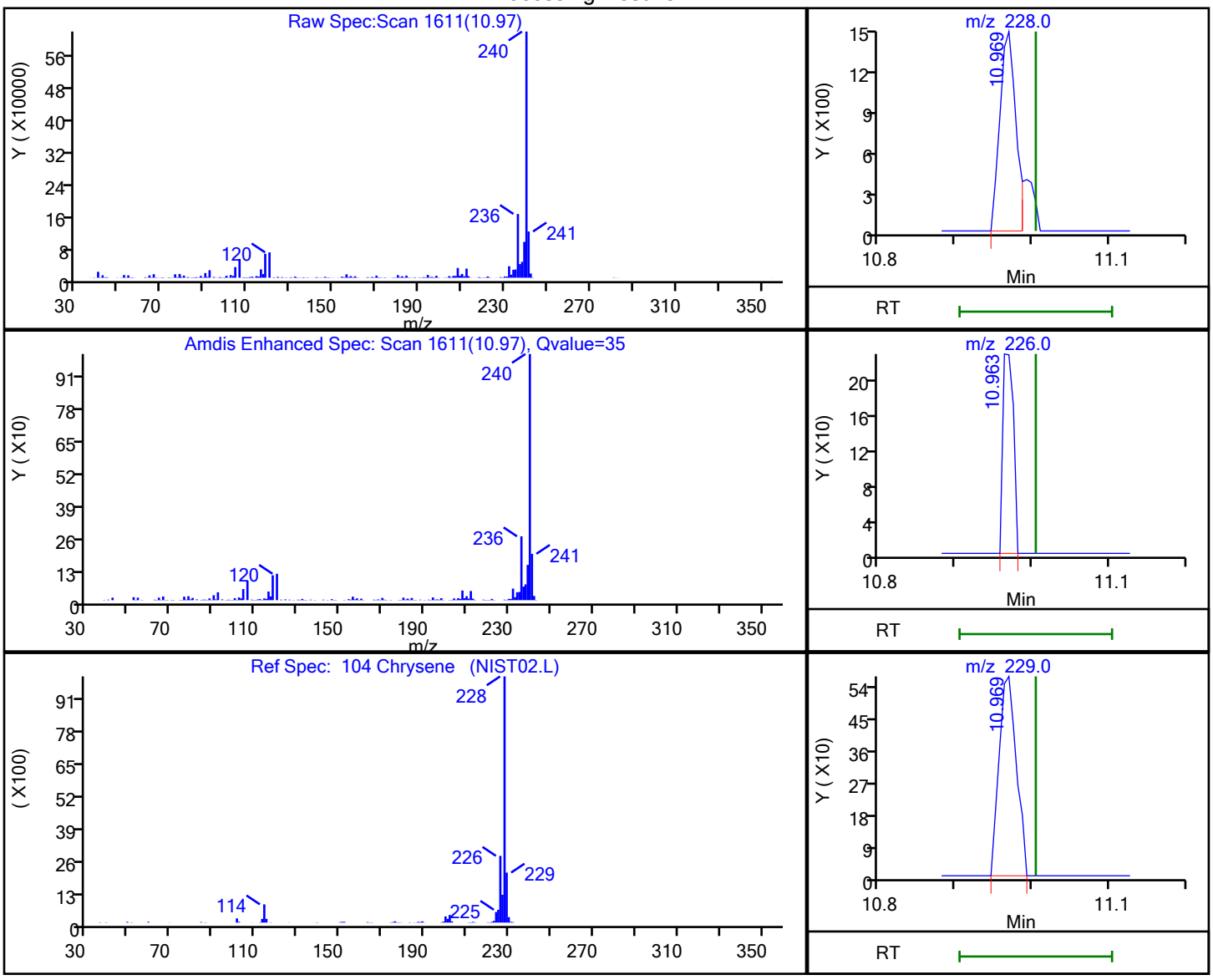
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31609.d				
Injection Date:	29-Apr-2021 23:09:30	Instrument ID:	CBNAMS14		
Lims ID:	460-233064-D-2-A	Lab Sample ID:	460-233064-2		
Client ID:	TW-05_20210427				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
10.97	228.00	2132	0.015738
10.96	226.00	215	
10.97	229.00	887	

Reviewer: johnstonm1, 30-Apr-2021 07:05:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-761139/10	N030103.d
Level 2	STD02 460-761139/9	N030102.d
Level 3	STD04 460-761139/8	N030101.d
Level 4	STD1 460-761139/7	N030100.d
Level 5	STD2 460-761139/6	N030099.d
Level 6	STD4 460-761139/5	N030098.d
Level 7	ICIS 460-761139/2	N030095.d
Level 8	STD16 460-761139/4	N030097.d
Level 9	STD24 460-761139/3	N030096.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5149	0.5291	0.4930	0.5467 0.4886	0.5417	Ave		0.5190			0.0100	4.7		20.0			
N-Nitrosodimethylamine	0.7434	0.7657	0.7408	0.7770 0.7217	0.7584	Ave		0.7512			0.0100	2.6		20.0			
Pyridine	1.1288 1.2930	1.1394 1.1561	1.2468	1.3030 1.1916	1.3210	Ave		1.2225			0.0100	6.4		20.0			
Benzaldehyde	1.1450	1.1031 +++++	1.1360 +++++	1.1643 +++++	1.1597	Ave		1.1416			0.0100	2.1		20.0			
Aniline	2.0009	2.0346	1.8884	2.1140 1.6983	2.0634	Ave		1.9666			0.0100	7.7		20.0			
Phenol	1.7279	1.7661	1.6589	1.7710 1.6252	1.7934	Ave		1.7238			0.8000	3.9		20.0			
Bis(2-chloroethyl)ether	1.2831 1.3234	1.3866 1.3263	1.2811	1.4326 1.2943	1.4018	Ave		1.3412			0.7000	4.3		20.0			
2-Chlorophenol	1.3157	1.3420	1.2742	1.3736 1.2282	1.3756	Ave		1.3182			0.8000	4.4		20.0			
n-Decane	1.9433	1.9897	1.8795	2.0549 1.8634	2.0086	Ave		1.9566			0.0100	3.8		20.0			
1,3-Dichlorobenzene	1.5348	1.5755	1.4797	1.6011 1.4604	1.6155	Ave		1.5445			0.0100	4.2		20.0			
1,4-Dichlorobenzene	1.5425	1.5759	1.5046	1.6343 1.4654	1.6262	Ave		1.5581			0.0100	4.3		20.0			
Benzyl alcohol	0.7675	0.7918	0.7294	0.7502 0.7132	0.7809	Ave		0.7555			0.0100	4.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4366	1.4884	1.3998	1.5372 1.3897	1.5385	Ave		1.4650			0.0100	4.5		20.0			
2,2'-oxybis[1-chloropropane]	2.4892	2.5308	2.3403	2.6372 2.2242	2.5974	Ave		2.4698			0.0100	6.4		20.0			
2-Methylphenol	1.1328	1.1549	1.1024	1.1869 1.0761	1.1631	Ave		1.1360			0.7000	3.6		20.0			
N-Methylaniline	1.8443 2.0523	1.9964 2.0459	2.0034	2.1192 1.9512	2.0829	Ave		2.0120			0.0100	4.3		20.0			
Acetophenone	1.8865	1.8572	1.7535	2.0261 1.6715	1.9606	Ave		1.8592			0.0100	7.0		20.0			
N-Nitrosodi-n-propylamine	0.9509 1.0109	0.9323 1.0101	0.9577	1.0734 0.8989	1.0523	Ave		0.9858			0.5000	6.2		20.0			
3 & 4 Methylphenol	1.2339	1.2281	1.1820	1.2288 1.1173	1.2858	Ave		1.2126			0.0100	4.7		20.0			
4-Methylphenol	1.2339	1.2281	1.1820	1.2288 1.1173	1.2858	Ave		1.2126			0.6000	4.7		20.0			
Hexachloroethane	0.5801 0.6031	0.5970 0.6116	0.5959	0.6036 0.5827	0.6292	Ave		0.6004			0.3000	2.6		20.0			
Nitrobenzene	0.4902 0.6358	0.6121 0.6359	0.6047	0.6608 0.5722	0.6618	Ave		0.6092			0.2000	9.3		20.0			
n,n'-Dimethylaniline	2.0459 1.8797	1.9862 1.8940	1.8454	2.0304 1.8148	1.9373	Ave		1.9292			0.0100	4.4		20.0			
Isophorone	0.6992	0.6655 0.7230	0.6823	0.6994 0.6635	0.7221	Ave		0.6936			0.4000	3.5		20.0			
2-Nitrophenol	0.2060	0.2121	0.2031	0.2030 0.1988	0.2099	Ave		0.2055			0.1000	2.4		20.0			
2,4-Dimethylphenol	0.3102	0.3165	0.3020	0.3112 0.2928	0.3138	Ave		0.3077			0.2000	2.9		20.0			
Bis(2-chloroethoxy)methane	0.4282	0.4482	0.4256	0.4531 0.4064	0.4420	Ave		0.4339			0.3000	4.0		20.0			
Benzoic acid	0.1304	0.1515	0.1833	0.0644 0.1760	0.0752	Qua	-0.192	0.1836	0.0001000		0.0100				0.9960		0.9900
2,4-Dichlorophenol	0.3242	0.3253	0.3128	0.3196 0.3041	0.3296	Ave		0.3193			0.2000	2.9		20.0			
1,2,4-Trichlorobenzene	0.3850 0.3776	0.3705 0.3912	0.3771	0.3798 0.3667	0.3814	Ave		0.3787			0.0100	2.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	0.9857 1.0430	1.0012 1.0739	1.0190	1.0735 0.9930	1.0743	Ave		1.0329			0.7000	3.7		20.0			
4-Chloroaniline	0.3428 0.4061	0.3743 0.4122	0.3847	0.4235 0.3443	0.4214	Ave		0.3887			0.0100	8.4		20.0			
2,6-Dichlorophenol	0.3137	0.3200	0.3072	0.3331 0.2949	0.3243	Qua2	0.0116	0.3212	-0.000997						1.0000		0.9900
Hexachlorobutadiene	0.2428 0.2384	0.2475 0.2514	0.2415	0.2431 0.2381	0.2428	Ave		0.2432			0.0100	1.8		20.0			
Caprolactam	0.0716	0.0502 0.0753	0.0519 0.0757	0.0625 +++++	0.0666	Ave		0.0648			0.0100	16.2		20.0			
4-Chloro-3-methylphenol	0.2965	0.3035	0.2830	0.3016 0.2806	0.3077	Ave		0.2955			0.2000	3.8		20.0			
2-Methylnaphthalene	0.7066	0.6966 0.7455	0.6971	0.7577 0.6654	0.7490	Ave		0.7169			0.4000	4.8		20.0			
1-Methylnaphthalene	0.6693	0.6373 0.6861	0.6469	0.7068 0.6216	0.7020	Ave		0.6671			0.0100	4.9		20.0			
Hexachlorocyclopentadiene	0.5548	0.6044	0.5905	0.5484 0.5885	0.5641	Ave		0.5751			0.0500	3.9		20.0			
1,2,4,5-Tetrachlorobenzene	0.7393	0.7660	0.7470	0.7170 0.7615	0.7878	Ave		0.7531			0.0100	3.2		20.0			
2-tertbutyl-4-methylphenol	0.4588	0.4343 0.4685	0.4537	0.4530 0.4526	0.4585	Ave		0.4542			0.0100	2.3		20.0			
2,4,6-Trichlorophenol	0.4527	0.3850 0.4742	0.4741	0.4478 0.4625	0.4797	Ave		0.4537			0.2000	7.2		20.0			
2,4,5-Trichlorophenol	0.4857	0.5098	0.4804	0.4670 0.4888	0.5113	Ave		0.4905			0.2000	3.5		20.0			
1,1'-Biphenyl	1.5914	1.6690	1.5913	1.6112 1.5925	1.6880	Ave		1.6239			0.0100	2.7		20.0			
2-Chloronaphthalene	1.2455	1.2940	1.2321	1.2915 1.2333	1.3188	Ave		1.2692			0.8000	2.9		20.0			
Phenyl ether	0.8543	0.9165	0.8793	0.8572 0.9100	0.8739	Ave		0.8819			0.0100	3.0		20.0			
2-Nitroaniline	0.4897	0.4986	0.4834	0.4631 0.4904	0.5154	Ave		0.4901			0.0100	3.5		20.0			
1,3-Dimethylnaphthalene	0.9606	1.0460	0.9853	0.9566 1.0149	1.0165	Ave		0.9966			0.0100	3.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dimethyl phthalate	1.2939	1.4072	1.3193	1.3649 1.3598	1.3697	Ave		1.3525			0.0100	3.0		20.0			
Coumarin	0.1941	0.2028	0.1923	0.2012 0.1894	0.1984	Ave		0.1964			0.0100	2.7		20.0			
2,6-Dinitrotoluene	0.3113	0.2537 0.3209	0.3022	0.3087 0.3030	0.3182	Ave		0.3026			0.2000	7.5		20.0			
Acenaphthylene	1.8542	1.8903	1.8493	1.8697 1.8233	1.9941	Ave		1.8801			0.9000	3.2		20.0			
3-Nitroaniline	0.2694	0.2809	0.2757	0.2691 0.2628	0.2879	Ave		0.2743			0.0100	3.3		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.1992	1.3308	1.3320	1.2475 1.3519	1.2488	Ave		1.2850			0.0100	4.8		20.0			
Acenaphthene	1.1690	1.2013	1.1337	1.1934 1.1213	1.2056	Ave		1.1707			0.9000	3.1		20.0			
2,4-Dinitrophenol	+++++ 0.1595	+++++ 0.1715	+++++ 0.1904	0.1094 0.1961	0.1467	Qua	-0.141	0.1734	0.0005476		0.0100				1.0000		0.9900
4-Nitrophenol	0.2369	0.2510	0.2630	0.2161 0.2620	0.2356	Ave		0.2441			0.0100	7.4		20.0			
2,4-Dinitrotoluene	0.3839	0.2938 0.4082	0.3839	0.4042 0.3894	0.3954	Ave		0.3798			0.2000	10.3		20.0			
Dibenzofuran	1.6910	1.7940	1.6719	1.8417 1.6694	1.8323	Ave		1.7501			0.8000	4.7		20.0			
2,3,4,6-Tetrachlorophenol	0.3752	0.4054	0.3913	0.3839 0.3972	0.3896	Ave		0.3904			0.0100	2.7		20.0			
Diethyl phthalate	1.2511	1.3550	1.2815	1.2916 1.2899	1.2723	Ave		1.2902			0.0100	2.7		20.0			
4-Chlorophenyl phenyl ether	0.6936	0.7357	0.6858	0.7504 0.6772	0.7437	Ave		0.7144			0.4000	4.5		20.0			
Fluorene	1.3356	1.4134	1.3287	1.4630 1.3280	1.4481	Ave		1.3861			0.9000	4.5		20.0			
4-Nitroaniline	0.2546	0.2572	0.2580	0.2446 0.2468	0.2642	Ave		0.2542			0.0100	2.9		20.0			
4,6-Dinitro-2-methylphenol	+++++ 0.1313	+++++ 0.1344	+++++ 0.1416	0.1039 0.1405	0.1276	Ave		0.1299			0.0100	10.6		20.0			
N-Nitrosodiphenylamine	0.5871	0.5882	0.5817	0.5825 0.5609	0.5956	Ave		0.5827			0.0100	2.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.8763	0.8854	0.8573	0.8488 0.8455	0.8643	Ave		0.8629			0.0100	1.8		20.0			
4-Bromophenyl phenyl ether	0.2755	0.2777	0.2757	0.2701 0.2713	0.2853	Ave		0.2759			0.1000	2.0		20.0			
Hexachlorobenzene	0.2937 0.3312	0.3171 0.3261	0.3346	0.3321 0.3250	0.3425	Ave		0.3253			0.1000	4.5		20.0			
Atrazine	0.2012	0.1585 0.2216	0.1638 0.2130	0.1850 +++++	0.1928	Ave		0.1909			0.0100	12.4		20.0			
Pentachlorophenol	+++++ 0.1652	+++++ 0.1729	+++++ 0.1841	0.1378 0.1850	0.1515	Ave		0.1661			0.0500	11.2		20.0			
Pentachloronitrobenzene	0.1239	0.1297	0.1309	0.1212 0.1322	0.1169	Ave		0.1258			0.0100	4.9		20.0			
n-Octadecane	0.6794	0.7259	0.7149	0.6381 0.7042	0.6722	Ave		0.6891			0.0100	4.7		20.0			
Phenanthrene	1.1056	1.1242	1.1007	1.1676 1.0668	1.1615	Ave		1.1211			0.7000	3.4		20.0			
Anthracene	1.1372	1.1522	1.1353	1.1412 1.1015	1.1633	Ave		1.1384			0.7000	1.8		20.0			
Carbazole	0.9496	0.9531	0.9573	0.9391 0.9249	0.9760	Ave		0.9500			0.0100	1.8		20.0			
Di-n-butyl phthalate	1.0560	1.1291	1.1870	0.9362 1.1543	1.0158	Ave		1.0797			0.0100	8.8		20.0			
Fluoranthene	1.0751	1.1101	1.1410	1.0448 1.1060	1.1343	Ave		1.1019			0.6000	3.3		20.0			
Benzidine	0.3855	0.3786	0.4798	0.4041 +++++	0.3958	Ave		0.4088			0.0100	10.0		20.0			
Pyrene	1.5937	1.6265 1.5861	1.4901	1.7054 1.4992	1.7506	Ave		1.6074			0.6000	6.0		20.0			
Bisphenol-A	0.5455	0.5542	0.6192	0.4756 0.6063	0.5106	Ave		0.5519				9.9		20.0			
Butyl benzyl phthalate	0.5793	0.5570	0.6077	0.5273 0.5995	0.5695	Ave		0.5734			0.0100	5.1		20.0			
2,3,7,8-TCDD		0.2097				Ave		0.2097			0.0100			20.0			
Carbamazepine	0.5408	0.4788	0.6118	0.5024 0.6435	0.5445	Ave		0.5536			0.0100	11.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.5162	0.4796 0.4793	0.5437	0.4713 0.5519	0.5170	Ave		0.5084			0.0100	6.4		20.0			
Benzo[a]anthracene	1.5383 1.3631	1.3592 1.3231	1.3500	1.3408 1.3453	1.4414	Ave		1.3827			0.8000	5.2		20.0			
Chrysene	1.2934	1.3308 1.2796	1.3130	1.4310 1.2772	1.3425	Ave		1.3239			0.7000	4.0		20.0			
Bis(2-ethylhexyl) phthalate	0.8140	0.6509 0.7330	0.6516 0.8563	0.7137 0.8650	0.8084	Ave		0.7616			0.0100	11.3		20.0			
Di-n-octyl phthalate	1.2122	1.2989	1.2207	1.0800 1.1917	1.2176	Ave		1.2035			0.0100	5.9		20.0			
Benzo[b]fluoranthene	1.0162 1.1681	1.0563 1.3354	1.1774	1.1803 1.1360	1.2164	Ave		1.1608			0.7000	8.4		20.0			
Benzo[k]fluoranthene	1.1129 1.2837	1.0891 1.3461	1.2216	1.2484 1.2173	1.2819	Ave		1.2251			0.7000	7.1		20.0			
Benzo[a]pyrene	0.8753 1.0408	0.8825 1.1293	1.0365	1.0329 1.0232	1.0584	Ave		1.0099			0.7000	8.6		20.0			
Indeno[1,2,3-cd]pyrene	1.2142 1.3148	1.2529 1.3303	1.4002	1.3348 1.4022	1.3290	Ave		1.3223			0.5000	4.9		20.0			
Dibenz(a,h)anthracene	1.2449 1.2811	1.2270 1.2695	1.3285	1.3597 1.2930	1.3091	Ave		1.2891			0.4000	3.4		20.0			
Benzo[g,h,i]perylene	1.2959	1.2864	1.3528	1.3073 1.3903	1.3745	Ave		1.3345			0.5000	3.3		20.0			
2-Fluorophenol (Surr)	1.2193	1.2200 1.3763	1.2685	1.2315 1.2618	1.2618	Ave		1.2627			0.0100	4.3		20.0			
Phenol-d5 (Surr)	1.5233	1.5653 1.7247	1.5706	1.6125 1.5457	1.5779	Ave		1.5885			0.0100	4.2		20.0			
Nitrobenzene-d5 (Surr)	0.3880 0.4259	0.3990 0.4852	0.4453	0.4188 0.4416	0.4288	Ave		0.4291			0.0100	7.0		20.0			
2-Fluorobiphenyl	1.6159 1.5174	1.5976 1.8012	1.6271	1.5465 1.6677	1.6123	Ave		1.6232			0.0100	5.3		20.0			
2,4,6-Tribromophenol (Surr)	0.2595 0.2868	0.2339 0.3505	0.3164 0.3191	0.3105 0.3277	0.3040	Ave		0.3009			0.0100	11.9		20.0			
Terphenyl-d14 (Surr)	1.2814 1.1653	1.2472 1.3086	1.1983	1.2281 1.1767	1.2334	Ave		1.2299			0.0100	4.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-761139/10	N030103.d
Level 2	STD02 460-761139/9	N030102.d
Level 3	STD04 460-761139/8	N030101.d
Level 4	STD1 460-761139/7	N030100.d
Level 5	STD2 460-761139/6	N030099.d
Level 6	STD4 460-761139/5	N030098.d
Level 7	ICIS 460-761139/2	N030095.d
Level 8	STD16 460-761139/4	N030097.d
Level 9	STD24 460-761139/3	N030096.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave				17413	36567				1.00	2.00
			73598	203480	338890	386182		4.00	10.0	16.0	24.0	
N-Nitrosodimethylamine	DCBd 4	Ave				24751	51197				1.00	2.00
			106256	294451	509275	570454		4.00	10.0	16.0	24.0	
Pyridine	DCBd 4	Ave	8041	14796		83011	178362	0.200	0.400		2.00	4.00
			369631	889163	1714195	1883777		8.00	20.0	32.0	48.0	
Benzaldehyde	DCBd 4	Ave		7162	16511	37088	78286		0.200	0.400	1.00	2.00
			130930	+++++	+++++	+++++		3.20	+++++	+++++	+++++	
Aniline	DCBd 4	Ave				67338	139294				1.00	2.00
			286003	782455	1298139	1342450		4.00	10.0	16.0	24.0	
Phenol	DCBd 4	Ave				56411	121071				1.00	2.00
			246980	679196	1140373	1284691		4.00	10.0	16.0	24.0	
Bis(2-chloroethyl)ether	DCBd 4	Ave	4570	9003		45633	94635	0.100	0.200		1.00	2.00
			189160	510056	880680	1023129		4.00	10.0	16.0	24.0	
2-Chlorophenol	DCBd 4	Ave				43753	92867				1.00	2.00
			188070	516102	875939	970807		4.00	10.0	16.0	24.0	

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Decane	DCBd 4	Ave	277767	765182	1292043	65455 1472950	135599	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dichlorobenzene	DCBd 4	Ave	219375	605881	1017184	51000 1154355	109057	4.00	10.0	16.0	1.00 24.0	2.00
1,4-Dichlorobenzene	DCBd 4	Ave	220488	606045	1034298	52057 1158342	109779	4.00	10.0	16.0	1.00 24.0	2.00
Benzyl alcohol	DCBd 4	Ave	109703	304498	501437	23896 563785	52719	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Dichlorobenzene	DCBd 4	Ave	205348	572381	962243	48965 1098470	103863	4.00	10.0	16.0	1.00 24.0	2.00
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	355793	973257	1608799	84004 1758146	175345	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylphenol	DCBd 4	Ave	161922	444148	757812	37807 850591	78517	4.00	10.0	16.0	1.00 24.0	2.00
N-Methylaniline	DCBd 4	Ave	6569 293353	12962 786783	1377178	67504 1542349	140614	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acetophenone	DCBd 4	Ave	269645	714235	1205411	64537 1321261	132359	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodi-n-propylamine	DCBd 4	Ave	3387 144497	6053 388467	658344	34192 710517	71039	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
3 & 4 Methylphenol	DCBd 4	Ave	176373	472276	812570	39140 883180	86800	4.00	10.0	16.0	1.00 24.0	2.00
4-Methylphenol	DCBd 4	Ave	176373	472276	812570	39140 883180	86800	4.00	10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Hexachloroethane	DCBd 4	Ave	2066 86203	3876 235195	409644	19228 460579	42479	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene	DCBd 4	Ave	1746 90884	3974 244542	415681	21049 452331	44674	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
n,n'-Dimethylaniline	DCBd 4	Ave	7287 268681	12896 728381	1268610	64676 1434511	130781	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Isophorone	NPT	Ave	351341	15485 948176	1578213	82351 1720117	174351	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Nitrophenol	NPT	Ave	103502	278165	469782	23901 515348	50678	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dimethylphenol	NPT	Ave	155856	415014	698509	36637 758922	75769	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethoxy)methane	NPT	Ave	215170	587723	984588	53344 1053485	106705	4.00	10.0	16.0	1.00 24.0	2.00
Benzoic acid	NPT	Qua	65512	198647	424113	7585 456309	18168	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dichlorophenol	NPT	Ave	162891	426617	723568	37634 788227	79579	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4-Trichlorobenzene	NPT	Ave	4983 189748	8621 513006	872230	44719 950736	92075	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Naphthalene	NPT	Ave	12759 524060	23296 1408306	2357134	126390 2574094	259381	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
4-Chloroaniline	NPT	Ave	4437 204068	8709 540577	889888	49860 892506	101748	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,6-Dichlorophenol	NPT	Qua2	157614	419695	710718	39217 764466	78301	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobutadiene	NPT	Ave	3143 119783	5758 329709	558657	28621 617254	58613	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Caprolactam	NPT	Ave	28780	1168 39493	2684 52564	7361 +++++	16091	3.20	0.200 4.00	0.400 4.80	1.00 +++++	2.00
4-Chloro-3-methylphenol	NPT	Ave	148959	397984	654552	35505 727542	74283	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylnaphthalene	NPT	Ave		16209		89210	180838		0.200		1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			355059	977607	1612612	1725017		4.00	10.0	16.0	24.0	
1-Methylnaphthalene	NPT	Ave	336300	14828 899738	1496410	83211 1611342	169498	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Hexachlorocyclopentadiene	ANT	Ave	143946	405267	679492	35160 719614	69886	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	191835	513615	859457	45970 931163	97612	4.00	10.0	16.0	1.00 24.0	2.00
2-tertbutyl-4-methylphenol	NPT	Ave	230555	10105 614382	1049416	53334 1173197	110698	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Trichlorophenol	ANT	Ave	117455	4954 317963	545480	28712 565519	59435	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,5-Trichlorophenol	ANT	Ave	126030	341843	552779	29943 597713	63355	4.00	10.0	16.0	1.00 24.0	2.00
1,1'-Biphenyl	ANT	Ave	412921	1119087	1830962	103303 1947367	209139	4.00	10.0	16.0	1.00 24.0	2.00
2-Chloronaphthalene	ANT	Ave	323167	867644	1417632	82804 1508123	163393	4.00	10.0	16.0	1.00 24.0	2.00
Phenyl ether	ANT	Ave	221664	614521	1011742	54959 1112823	108274	4.00	10.0	16.0	1.00 24.0	2.00
2-Nitroaniline	ANT	Ave	127057	334327	556161	29694 599632	63861	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dimethylnaphthalene	ANT	Ave	249251	701350	1133665	61331 1241065	125938	4.00	10.0	16.0	1.00 24.0	2.00
Dimethyl phthalate	ANT	Ave	335733	943561	1517983	87512 1662798	169700	4.00	10.0	16.0	1.00 24.0	2.00
Coumarin	NPT	Ave	97538	265938	444891	23690 490978	47908	4.00	10.0	16.0	1.00 24.0	2.00
2,6-Dinitrotoluene	ANT	Ave	80780	3265 215174	347703	19790 370469	39423	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acenaphthylene	ANT	Ave	481113	1267474	2127817	119875 2229611	247060	4.00	10.0	16.0	1.00 24.0	2.00
3-Nitroaniline	ANT	Ave	69905	188374	317274	17256 321389	35665	4.00	10.0	16.0	1.00 24.0	2.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	311168	892357	1532643	79983 1653106	154720	4.00	10.0	16.0	1.00 24.0	2.00
Acenaphthene	ANT	Ave				76518	149372				1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			303323	805482	1304428	1371153		4.00	10.0	16.0	24.0	
2,4-Dinitrophenol	ANT	Qua	+++++ 82793	+++++ 229999	+++++ 438095	14034 479600	36363	+++++ 8.00	+++++ 20.0	+++++ 32.0	2.00 48.0	4.00
4-Nitrophenol	ANT	Ave	 122954	 336636	 605192	27712 640836	58390	 8.00	 20.0	 32.0	2.00 48.0	4.00
2,4-Dinitrotoluene	ANT	Ave	 99603	3781 273681	 441716	25914 476202	48992	 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Dibenzofuran	ANT	Ave	 438774	 1202886	 1923757	118080 2041399	227021	 4.00	 10.0	 16.0	1.00 24.0	2.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	 97349	 271817	 450286	24614 485701	48271	 4.00	 10.0	 16.0	1.00 24.0	2.00
Diethyl phthalate	ANT	Ave	 324641	 908588	 1474497	82809 1577307	157641	 4.00	 10.0	 16.0	1.00 24.0	2.00
4-Chlorophenyl phenyl ether	ANT	Ave	 179971	 493322	 789126	48112 828096	92142	 4.00	 10.0	 16.0	1.00 24.0	2.00
Fluorene	ANT	Ave	 346551	 947702	 1528873	93802 1623971	179417	 4.00	 10.0	 16.0	1.00 24.0	2.00
4-Nitroaniline	ANT	Ave	 66055	 172443	 296909	15685 301831	32734	 4.00	 10.0	 16.0	1.00 24.0	2.00
4,6-Dinitro-2-methylphenol	PHN	Ave	+++++ 105239	+++++ 296543	+++++ 507660	22213 545687	50786	+++++ 8.00	+++++ 20.0	+++++ 32.0	2.00 48.0	4.00
N-Nitrosodiphenylamine	PHN	Ave	 235343	 648915	 1042489	62290 1089540	118562	 4.00	 10.0	 16.0	1.00 24.0	2.00
1,2-Diphenylhydrazine	PHN	Ave	 351255	 976736	 1536481	90767 1642286	172049	 4.00	 10.0	 16.0	1.00 24.0	2.00
4-Bromophenyl phenyl ether	PHN	Ave	 110445	 306310	 494150	28882 526874	56787	 4.00	 10.0	 16.0	1.00 24.0	2.00
Hexachlorobenzene	PHN	Ave	3378 132766	6804 359792	 599692	35515 631324	68172	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Atrazine	PHN	Ave	 64527	3402 97780	7710 114544	19781 +++++	38383	 3.20	0.200 4.00	0.400 4.80	1.00 +++++	2.00
Pentachlorophenol	PHN	Ave	+++++ 132484	+++++ 381552	+++++ 659939	29472 718583	60336	+++++ 8.00	+++++ 20.0	+++++ 32.0	2.00 48.0	4.00
Pentachloronitrobenzene	PHN	Ave	 49685	 143060	 234555	12955 256858	23274	 4.00	 10.0	 16.0	1.00 24.0	2.00
n-Octadecane	PHN	Ave				68229	133811				1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			272347	800773	1281258	1367798		4.00	10.0	16.0	24.0	
Phenanthrene	PHN	Ave	443171	1240191	1972686	124847 2072108	231223	4.00	10.0	16.0	1.00 24.0	2.00
Anthracene	PHN	Ave	455868	1271045	2034687	122023 2139477	231583	4.00	10.0	16.0	1.00 24.0	2.00
Carbazole	PHN	Ave	380660	1051479	1715660	100418 1796461	194283	4.00	10.0	16.0	1.00 24.0	2.00
Di-n-butyl phthalate	PHN	Ave	423314	1245630	2127334	100104 2242190	202217	4.00	10.0	16.0	1.00 24.0	2.00
Fluoranthene	PHN	Ave	430984	1224667	2044793	111716 2148343	225797	4.00	10.0	16.0	1.00 24.0	2.00
Benzidine	PHN	Ave	154548	417672	859867	43206 +++++	78794	4.00	10.0	16.0	1.00 +++++	2.00
Pyrene	CRY	Ave	432213	20391 1241471	2051477	114473 2167390	223803	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bisphenol-A	CRY	Ave	147943	433789	852464	31925 876559	65276	4.00	10.0	16.0	1.00 24.0	2.00
Butyl benzyl phthalate	CRY	Ave	157120	435968	836563	35393 866642	72805	4.00	10.0	16.0	1.00 24.0	2.00
2,3,7,8-TCDD	CRY	Ave		1641					0.100			
Carbamazepine	CRY	Ave	146662	374744	842264	33723 930376	69615	4.00	10.0	16.0	1.00 24.0	2.00
3,3'-Dichlorobenzidine	CRY	Ave	139983	6012 375162	748511	31634 797941	66093	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[a]anthracene	CRY	Ave	10754 369664	17040 1035616	1858617	89999 1944887	184267	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Chrysene	CRY	Ave	350772	16683 1001523	1807650	96053 1846412	171632	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	220766	8160 573741	18515 1178864	47906 1250488	103352	4.00	0.200 10.0	0.400 16.0	1.00 24.0	2.00
Di-n-octyl phthalate	PRY	Ave	366176	939859	2013522	80880 2094536	177139	4.00	10.0	16.0	1.00 24.0	2.00
Benzo[b]fluoranthene	PRY	Ave	7911 352860	15448 966249	1942088	88388 1996596	176973	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[k]fluoranthene	PRY	Ave	8664	15928		93493	186493	0.100	0.200		1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			387771	973988	2014900	2139569		4.00	10.0	16.0	24.0	
Benzo[a]pyrene	PRY	Ave	6814 314404	12906 817106	1709624	77355 1798376	153986	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	9453 397148	18323 962576	2309503	99965 2464586	193352	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenz(a,h)anthracene	PRY	Ave	9692 386986	17945 918603	2191224	101823 2272549	190451	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[g,h,i]perylene	PRY	Ave	391462	930817	2231393	97899 2443645	199972	4.00	10.0	16.0	1.00 24.0	2.00
2-Fluorophenol (Surr)	DCBd 4	Ave	174277	7921 529264	872009	39226 997412	85184	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Phenol-d5 (Surr)	DCBd 4	Ave	217731	10163 663245	1079681	51362 1221776	106518	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene-d5 (Surr)	NPT	Ave	5022 214017	9284 636288	1030033	49304 1144898	103535	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Fluorobiphenyl	ANT	Ave	11431 393720	20558 1207763	1872201	99155 2039262	199761	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	1836 74421	3010 234986	8793 367173	19906 400745	37659	0.100 4.00	0.200 10.0	0.400 16.0	1.00 24.0	2.00
Terphenyl-d14 (Surr)	CRY	Ave	8958 316034	15635 1024242	1649736	82437 1701090	157680	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

Curve Type Legend
Ave = Average ISTD
Qua = Quadratic ISTD
Qua2 = Quadratic 1/conc^2 ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030095.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 26-Feb-2021 08:22:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-002
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:18:03 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 02-Mar-2021 07:17:33

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.816	1.816	0.000	93	203480	10.0	10.2	
	2 N-Nitrosodimethylamine	74	2.022	2.022	0.000	74	294451	10.0	10.2	
	3 Pyridine	79	2.057	2.057	0.000	76	889163	20.0	18.9	
$	4 2-Fluorophenol	112	3.134	3.134	0.000	90	529264	10.0	10.9	
	5 Benzaldehyde	77	3.922	3.922	0.000	92	84901	4.00	1.93	
$	6 Phenol-d5	99	4.016	4.016	0.000	99	663245	10.0	10.9	
	8 Aniline	93	4.028	4.028	0.000	89	782455	10.0	10.3	
	7 Phenol	94	4.028	4.028	0.000	87	679196	10.0	10.2	
	9 Bis(2-chloroethyl)ether	93	4.081	4.081	0.000	94	510056	10.0	9.89	
	10 Benzonitrile	103	4.098	4.098	0.000	99	949170	NC	NC	
	11 2-Chlorophenol	128	4.151	4.151	0.000	91	516102	10.0	10.2	
	12 n-Decane	43	4.187	4.187	0.000	94	765182	10.0	10.2	
	13 1,3-Dichlorobenzene	146	4.287	4.287	0.000	93	605881	10.0	10.2	
*	14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	307653	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.357	4.357	0.000	94	606045	10.0	10.1	
	16 Benzyl alcohol	108	4.481	4.481	0.000	89	304498	10.0	10.5	
	17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	94	572381	10.0	10.2	
	19 2,2'-oxybis[1-chloropropane]	45	4.598	4.598	0.000	91	973257	10.0	10.2	
	18 2-Methylphenol	108	4.604	4.604	0.000	83	444148	10.0	10.2	
	20 N-Methylaniline	106	4.716	4.716	0.000	90	786783	10.0	10.2	
	21 Acetophenone	105	4.722	4.722	0.000	88	714235	10.0	9.99	
	22 N-Nitrosodi-n-propylamine	70	4.728	4.728	0.000	94	388467	10.0	10.2	
	23 3 & 4 Methylphenol	108	4.751	4.751	0.000	83	472276	10.0	10.1	
	24 4-Methylphenol	108	4.751	4.751	0.000	92	472276	10.0	10.1	
	25 Hexachloroethane	117	4.828	4.828	0.000	90	235195	10.0	10.2	
$	27 Nitrobenzene-d5	82	4.869	4.869	0.000	93	636288	10.0	11.3	
	28 Nitrobenzene	123	4.887	4.887	0.000	88	244542	10.0	10.4	
	29 n,n'-Dimethylaniline	120	4.893	4.893	0.000	94	728381	10.0	9.82	
	30 Isophorone	82	5.116	5.116	0.000	98	948176	10.0	10.4	
	32 2-Nitrophenol	139	5.193	5.193	0.000	83	278165	10.0	10.3	
	33 2,4-Dimethylphenol	122	5.251	5.251	0.000	87	415014	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.322	5.322	0.000	95	587723	10.0	10.3	
35 Benzoic acid	122	5.357	5.357	0.000	92	198647	10.0	9.25	
36 2,4-Dichlorophenol	162	5.434	5.434	0.000	93	426617	10.0	10.2	
37 1,2,4-Trichlorobenzene	180	5.504	5.504	0.000	94	513006	10.0	10.3	
* 38 Naphthalene-d8	136	5.557	5.557	0.000	100	1049136	8.00	8.00	
39 Naphthalene	128	5.575	5.575	0.000	98	1408306	10.0	10.4	
40 4-Chloroaniline	127	5.634	5.634	0.000	95	540577	10.0	10.6	
130 2,6-Dichlorophenol	162	5.645	5.645	0.000	94	419695	10.0	10.3	
41 Hexachlorobutadiene	225	5.704	5.704	0.000	96	329709	10.0	10.3	
42 Caprolactam	113	5.957	5.957	0.000	87	39493	4.00	4.64	M
43 4-Chloro-3-methylphenol	107	6.122	6.122	0.000	97	397984	10.0	10.3	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	84	977607	10.0	10.4	
45 1-Methylnaphthalene	142	6.328	6.328	0.000	92	899738	10.0	10.3	
46 Hexachlorocyclopentadiene	237	6.392	6.392	0.000	97	405267	10.0	10.5	
47 1,2,4,5-Tetrachlorobenzene	216	6.398	6.398	0.000	97	513615	10.0	10.2	
48 2-tertbutyl-4-methylphenol	149	6.439	6.439	0.000	89	614382	10.0	10.3	
49 2,4,6-Trichlorophenol	196	6.516	6.516	0.000	90	317963	10.0	10.5	
50 2,4,5-Trichlorophenol	196	6.557	6.557	0.000	97	341843	10.0	10.4	
$ 51 2-Fluorobiphenyl	172	6.587	6.587	0.000	97	1207763	10.0	11.1	
52 1,1'-Biphenyl	154	6.681	6.681	0.000	96	1119087	10.0	10.3	
53 2-Chloronaphthalene	162	6.692	6.692	0.000	97	867644	10.0	10.2	
54 Phenyl ether	170	6.775	6.775	0.000	88	614521	10.0	10.4	
55 2-Nitroaniline	65	6.798	6.798	0.000	94	334327	10.0	10.2	
57 1,3-Dimethylnaphthalene	156	6.904	6.904	0.000	91	701350	10.0	10.5	
59 Dimethyl phthalate	163	6.975	6.975	0.000	97	943561	10.0	10.4	
60 Coumarin	146	6.987	6.987	0.000	75	265938	10.0	10.3	
61 2,6-Dinitrotoluene	165	7.028	7.028	0.000	93	215174	10.0	10.6	
62 Acenaphthylene	152	7.087	7.087	0.000	97	1267474	10.0	10.1	
63 3-Nitroaniline	138	7.192	7.192	0.000	91	188374	10.0	10.2	
* 64 Acenaphthene-d10	164	7.222	7.222	0.000	93	536416	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.251	7.251	0.000	97	892357	10.0	10.4	
66 Acenaphthene	154	7.251	7.251	0.000	96	805482	10.0	10.3	
67 2,4-Dinitrophenol	184	7.287	7.287	0.000	92	229999	20.0	19.4	
68 4-Nitrophenol	65	7.386	7.386	0.000	93	336636	20.0	20.6	
69 2,4-Dinitrotoluene	165	7.404	7.404	0.000	92	273681	10.0	10.7	
70 Dibenzofuran	168	7.416	7.416	0.000	99	1202886	10.0	10.3	
72 2,3,4,6-Tetrachlorophenol	232	7.545	7.545	0.000	95	271817	10.0	10.4	
73 Diethyl phthalate	149	7.639	7.639	0.000	98	908588	10.0	10.5	
75 Fluorene	166	7.739	7.739	0.000	93	947702	10.0	10.2	
74 4-Chlorophenyl phenyl ether	204	7.739	7.739	0.000	78	493322	10.0	10.3	
76 4-Nitroaniline	138	7.769	7.769	0.000	90	172443	10.0	10.1	
77 4,6-Dinitro-2-methylphenol	198	7.792	7.792	0.000	87	296543	20.0	20.7	
78 N-Nitrosodiphenylamine	169	7.857	7.857	0.000	98	648915	10.0	10.1	
79 1,2-Diphenylhydrazine	77	7.892	7.892	0.000	98	976736	10.0	10.3	
$ 80 2,4,6-Tribromophenol	330	7.975	7.975	0.000	93	234986	10.0	11.6	
81 4-Bromophenyl phenyl ether	248	8.204	8.204	0.000	92	306310	10.0	10.1	
82 Hexachlorobenzene	284	8.269	8.269	0.000	96	359792	10.0	10.0	
83 Atrazine	200	8.363	8.363	0.000	91	97780	4.00	4.64	
84 Pentachlorophenol	266	8.457	8.457	0.000	93	381552	20.0	20.8	
85 Pentachloronitrobenzene	237	8.469	8.469	0.000	89	143060	10.0	10.3	
86 n-Octadecane	57	8.533	8.533	0.000	93	800773	10.0	10.5	
* 87 Phenanthrene-d10	188	8.622	8.622	0.000	98	882533	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.645	8.645	0.000	97	1240191	10.0	10.0	
89 Anthracene	178	8.692	8.692	0.000	99	1271045	10.0	10.1	
90 Carbazole	167	8.851	8.851	0.000	96	1051479	10.0	10.0	
91 Di-n-butyl phthalate	149	9.186	9.186	0.000	100	1245630	10.0	10.5	
92 Fluoranthene	202	9.769	9.769	0.000	98	1224667	10.0	10.1	
93 Benzidine	184	9.904	9.904	0.000	99	417672	10.0	9.26	
94 Pyrene	202	9.986	9.986	0.000	98	1241471	10.0	9.87	
95 Bisphenol-A	213	10.051	10.051	0.000	98	433789	10.0	10.0	
$ 96 Terphenyl-d14	244	10.139	10.139	0.000	99	1024242	10.0	10.6	
97 Butyl benzyl phthalate	149	10.633	10.633	0.000	98	435968	10.0	9.71	
98 2,3,7,8-TCDD	320	10.733	10.733	0.000	89	1641	0.1000	0.1000	
99 Carbamazepine	193	10.745	10.745	0.000	91	374744	10.0	8.65	
100 3,3'-Dichlorobenzidine	252	11.204	11.204	0.000	99	375162	10.0	9.43	
101 Benzo[a]anthracene	228	11.222	11.222	0.000	98	1035616	10.0	9.57	
* 102 Chrysene-d12	240	11.233	11.233	0.000	99	626168	8.00	8.00	
104 Chrysene	228	11.263	11.263	0.000	99	1001523	10.0	9.66	
103 Bis(2-ethylhexyl) phthalate	149	11.280	11.280	0.000	89	573741	10.0	9.62	
105 Di-n-octyl phthalate	149	12.092	12.092	0.000	97	939859	10.0	10.8	
106 Benzo[b]fluoranthene	252	12.569	12.569	0.000	97	966249	10.0	11.5	
107 Benzo[k]fluoranthene	252	12.604	12.604	0.000	98	973988	10.0	11.0	
108 Benzo[a]pyrene	252	13.010	13.010	0.000	98	817106	10.0	11.2	
* 109 Perylene-d12	264	13.086	13.086	0.000	100	578864	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.610	14.610	0.000	97	962576	10.0	10.1	
111 Dibenz(a,h)anthracene	278	14.645	14.645	0.000	99	918603	10.0	9.85	
112 Benzo[g,h,i]perylene	276	15.021	15.021	0.000	97	930817	10.0	9.64	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL7_LVI_00002 Amount Added: 1.00 Units: mL

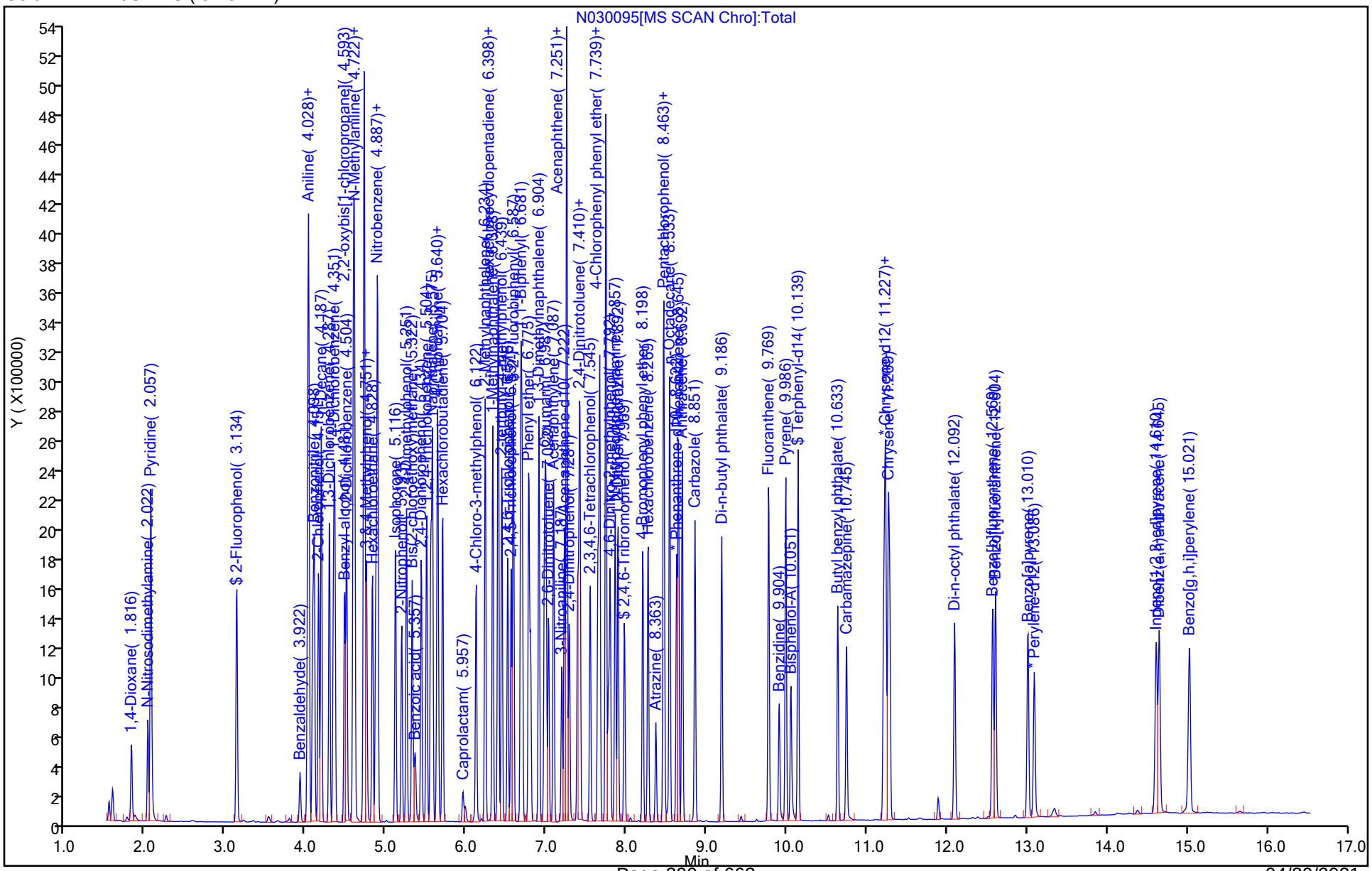
Report Date: 02-Mar-2021 07:18:07 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030095.d

Injection Date:	26-Feb-2021 08:22:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

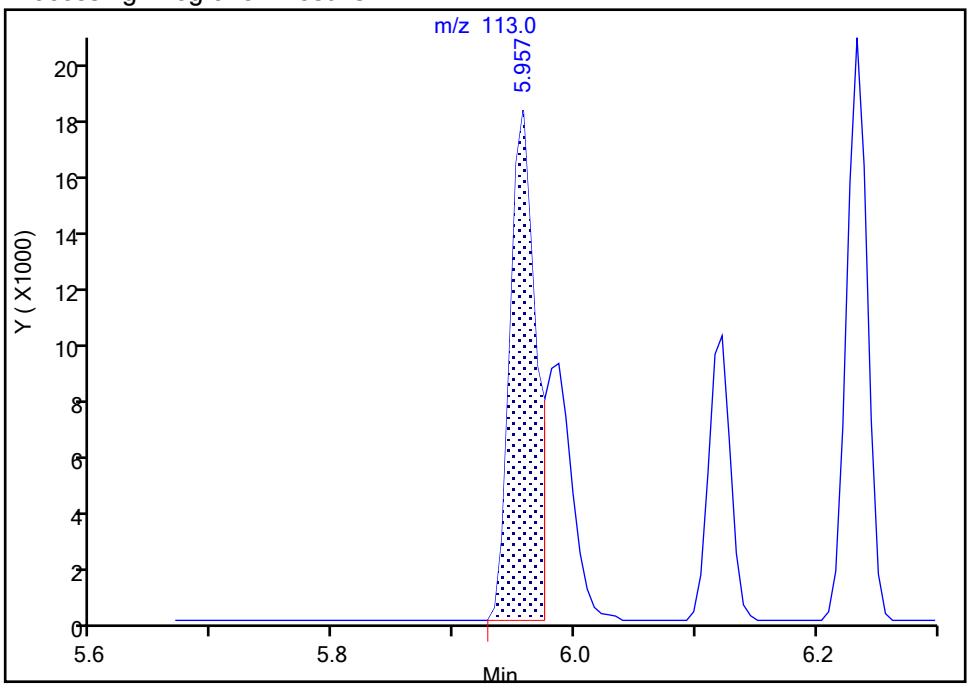
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030095.d
Injection Date: 26-Feb-2021 08:22:30 Instrument ID: CBNAMS14
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

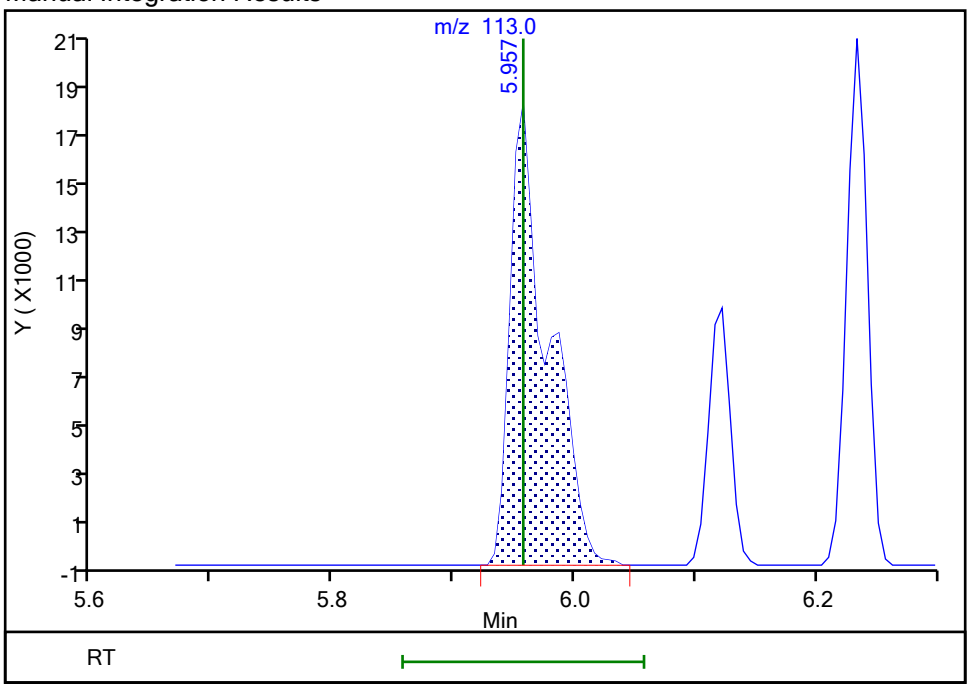
Processing Integration Results

RT: 5.96
Area: 27340
Amount: 4.000000
Amount Units: ug/ml



Manual Integration Results

RT: 5.96
Area: 39493
Amount: 4.644407
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 08:53:55
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030096.d
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 26-Feb-2021 08:43:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-003
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:18:13 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 09:05:22

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.805	1.816	-0.011	93	386182	24.0	22.6	
	2 N-Nitrosodimethylamine	74	2.016	2.022	-0.006	73	570454	24.0	23.1	
	3 Pyridine	79	2.046	2.057	-0.011	77	1883777	48.0	46.8	
$	4 2-Fluorophenol	112	3.134	3.134	0.000	89	997412	24.0	24.0	
	5 Benzaldehyde	77	3.922	3.922	0.000	92	140245	6.40	3.73	
$	6 Phenol-d5	99	4.022	4.016	0.006	99	1221776	24.0	23.4	
	8 Aniline	93	4.034	4.028	0.006	96	1342450	24.0	20.7	
	7 Phenol	94	4.040	4.028	0.012	94	1284691	24.0	22.6	
	9 Bis(2-chloroethyl)ether	93	4.087	4.081	0.006	91	1023129	24.0	23.2	
	10 Benzonitrile	103	4.104	4.098	0.006	99	1869742	NC	NC	
	11 2-Chlorophenol	128	4.157	4.151	0.006	91	970807	24.0	22.4	
	12 n-Decane	43	4.187	4.187	0.000	93	1472950	24.0	22.9	
	13 1,3-Dichlorobenzene	146	4.293	4.287	0.006	93	1154355	24.0	22.7	
*	14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	263486	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.357	4.357	0.000	93	1158342	24.0	22.6	
	16 Benzyl alcohol	108	4.487	4.481	0.006	89	563785	24.0	22.7	
	17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	94	1098470	24.0	22.8	
	19 2,2'-oxybis[1-chloropropane]	45	4.599	4.598	0.001	91	1758146	24.0	21.6	
	18 2-Methylphenol	108	4.610	4.604	0.006	86	850591	24.0	22.7	
	20 N-Methylaniline	106	4.722	4.716	0.006	96	1542349	24.0	23.3	
	21 Acetophenone	105	4.728	4.722	0.006	90	1321261	24.0	21.6	
	22 N-Nitrosodi-n-propylamine	70	4.734	4.728	0.006	94	710517	24.0	21.9	
	23 3 & 4 Methylphenol	108	4.757	4.751	0.006	76	883180	24.0	22.1	
	24 4-Methylphenol	108	4.757	4.751	0.006	95	883180	24.0	22.1	
	25 Hexachloroethane	117	4.828	4.828	0.000	90	460579	24.0	23.3	
$	27 Nitrobenzene-d5	82	4.875	4.869	0.006	94	1144898	24.0	24.7	
	28 Nitrobenzene	123	4.893	4.887	0.006	87	452331	24.0	22.5	
	29 n,n'-Dimethylaniline	120	4.899	4.893	0.006	94	1434511	24.0	22.6	
	30 Isophorone	82	5.122	5.116	0.006	98	1720117	24.0	23.0	
	32 2-Nitrophenol	139	5.193	5.193	0.000	83	515348	24.0	23.2	
	33 2,4-Dimethylphenol	122	5.257	5.251	0.006	87	758922	24.0	22.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.322	5.322	0.000	95	1053485	24.0	22.5	
35 Benzoic acid	122	5.393	5.357	0.036	92	456309	24.0	23.7	
36 2,4-Dichlorophenol	162	5.440	5.434	0.006	93	788227	24.0	22.9	
37 1,2,4-Trichlorobenzene	180	5.504	5.504	0.000	94	950736	24.0	23.2	
* 38 Naphthalene-d8	136	5.557	5.557	0.000	99	864121	8.00	8.00	
39 Naphthalene	128	5.575	5.575	0.000	98	2574094	24.0	23.1	
40 4-Chloroaniline	127	5.640	5.634	0.006	95	892506	24.0	21.3	
130 2,6-Dichlorophenol	162	5.646	5.645	0.001	95	764466	24.0	23.7	
41 Hexachlorobutadiene	225	5.704	5.704	0.000	96	617254	24.0	23.5	
42 Caprolactam	113	6.028	5.957	0.071	86	49049	6.40	7.00	M
43 4-Chloro-3-methylphenol	107	6.122	6.122	0.000	97	727542	24.0	22.8	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	84	1725017	24.0	22.3	
45 1-Methylnaphthalene	142	6.328	6.328	0.000	92	1611342	24.0	22.4	
46 Hexachlorocyclopentadiene	237	6.393	6.392	0.001	97	719614	24.0	24.6	
47 1,2,4,5-Tetrachlorobenzene	216	6.398	6.398	0.000	98	931163	24.0	24.3	
48 2-tertbutyl-4-methylphenol	149	6.445	6.439	0.006	89	1173197	24.0	23.9	
49 2,4,6-Trichlorophenol	196	6.516	6.516	0.000	90	565519	24.0	24.5	
50 2,4,5-Trichlorophenol	196	6.557	6.557	0.000	97	597713	24.0	23.9	
$ 51 2-Fluorobiphenyl	172	6.587	6.587	0.000	97	2039262	24.0	24.7	
52 1,1'-Biphenyl	154	6.681	6.681	0.000	97	1947367	24.0	23.5	
53 2-Chloronaphthalene	162	6.698	6.692	0.006	98	1508123	24.0	23.3	
54 Phenyl ether	170	6.781	6.775	0.006	87	1112823	24.0	24.8	
55 2-Nitroaniline	65	6.804	6.798	0.006	94	599632	24.0	24.0	
57 1,3-Dimethylnaphthalene	156	6.904	6.904	0.000	91	1241065	24.0	24.4	
59 Dimethyl phthalate	163	6.975	6.975	0.000	98	1662798	24.0	24.1	
60 Coumarin	146	6.993	6.987	0.005	75	490978	24.0	23.1	
61 2,6-Dinitrotoluene	165	7.028	7.028	0.000	92	370469	24.0	24.0	
62 Acenaphthylene	152	7.087	7.087	0.001	97	2229611	24.0	23.3	
63 3-Nitroaniline	138	7.192	7.192	0.000	91	321389	24.0	23.0	
* 64 Acenaphthene-d10	164	7.222	7.222	0.000	94	407611	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.251	7.251	0.000	98	1653106	24.0	25.2	
66 Acenaphthene	154	7.257	7.251	0.006	96	1371153	24.0	23.0	
67 2,4-Dinitrophenol	184	7.287	7.287	0.001	92	479600	48.0	47.9	
68 4-Nitrophenol	65	7.392	7.386	0.006	90	640836	48.0	51.5	
69 2,4-Dinitrotoluene	165	7.410	7.404	0.006	92	476202	24.0	24.6	
70 Dibenzofuran	168	7.416	7.416	0.000	98	2041399	24.0	22.9	
72 2,3,4,6-Tetrachlorophenol	232	7.545	7.545	0.000	95	485701	24.0	24.4	
73 Diethyl phthalate	149	7.645	7.639	0.006	98	1577307	24.0	24.0	
75 Fluorene	166	7.740	7.739	0.001	93	1623971	24.0	23.0	
74 4-Chlorophenyl phenyl ether	204	7.740	7.739	0.001	78	828096	24.0	22.7	
76 4-Nitroaniline	138	7.781	7.769	0.012	94	301831	24.0	23.3	
77 4,6-Dinitro-2-methylphenol	198	7.798	7.792	0.006	86	545687	48.0	51.9	
78 N-Nitrosodiphenylamine	169	7.857	7.857	0.000	98	1089540	24.0	23.1	
79 1,2-Diphenylhydrazine	77	7.892	7.892	0.000	98	1642286	24.0	23.5	
$ 80 2,4,6-Tribromophenol	330	7.975	7.975	0.000	93	400745	24.0	26.1	
81 4-Bromophenyl phenyl ether	248	8.204	8.204	0.000	92	526874	24.0	23.6	
82 Hexachlorobenzene	284	8.269	8.269	0.000	96	631324	24.0	24.0	
83 Atrazine	200	8.363	8.363	0.000	91	105358	6.40	6.82	
84 Pentachlorophenol	266	8.463	8.457	0.006	94	718583	48.0	53.5	
85 Pentachloronitrobenzene	237	8.469	8.469	0.000	89	256858	24.0	25.2	
86 n-Octadecane	57	8.534	8.533	0.001	93	1367798	24.0	24.5	
* 87 Phenanthrene-d10	188	8.622	8.622	0.000	98	647464	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.645	8.645	0.000	98	2072108	24.0	22.8	
89 Anthracene	178	8.692	8.692	0.000	99	2139477	24.0	23.2	
90 Carbazole	167	8.851	8.851	0.000	96	1796461	24.0	23.4	
91 Di-n-butyl phthalate	149	9.186	9.186	0.000	100	2242190	24.0	25.7	
92 Fluoranthene	202	9.769	9.769	0.000	98	2148343	24.0	24.1	
93 Benzidine	184	9.904	9.904	0.000	99	808210	24.0	24.4	
94 Pyrene	202	9.986	9.986	0.000	98	2167390	24.0	22.4	
95 Bisphenol-A	213	10.051	10.051	0.000	98	876559	24.0	26.4	
$ 96 Terphenyl-d14	244	10.139	10.139	0.000	100	1701090	24.0	23.0	
97 Butyl benzyl phthalate	149	10.633	10.633	0.000	99	866642	24.0	25.1	
99 Carbamazepine	193	10.745	10.745	0.000	91	930376	24.0	27.9	
100 3,3'-Dichlorobenzidine	252	11.204	11.204	0.000	99	797941	24.0	26.1	
101 Benzo[a]anthracene	228	11.222	11.222	0.000	98	1944887	24.0	23.4	
* 102 Chrysene-d12	240	11.233	11.233	0.000	98	481899	8.00	8.00	
104 Chrysene	228	11.263	11.263	0.000	99	1846412	24.0	23.2	
103 Bis(2-ethylhexyl) phthalate	149	11.280	11.280	0.000	89	1250488	24.0	27.3	
105 Di-n-octyl phthalate	149	12.092	12.092	0.000	97	2094536	24.0	23.8	
106 Benzo[b]fluoranthene	252	12.569	12.569	0.001	97	1996596	24.0	23.5	
107 Benzo[k]fluoranthene	252	12.610	12.604	0.006	98	2139569	24.0	23.8	
108 Benzo[a]pyrene	252	13.010	13.010	0.000	98	1798376	24.0	24.3	
* 109 Perylene-d12	264	13.086	13.086	0.000	100	585871	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.621	14.610	0.011	97	2464586	24.0	25.5	
111 Dibenz(a,h)anthracene	278	14.657	14.645	0.012	99	2272549	24.0	24.1	
112 Benzo[g,h,i]perylene	276	15.039	15.021	0.018	97	2443645	24.0	25.0	
S 119 Total Cresols	1				0			44.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL9_LVI_00001 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:18:17 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030096.d

Injection Date: 26-Feb-2021 08:43:30 Instrument ID: CBNAMS14 Operator ID:

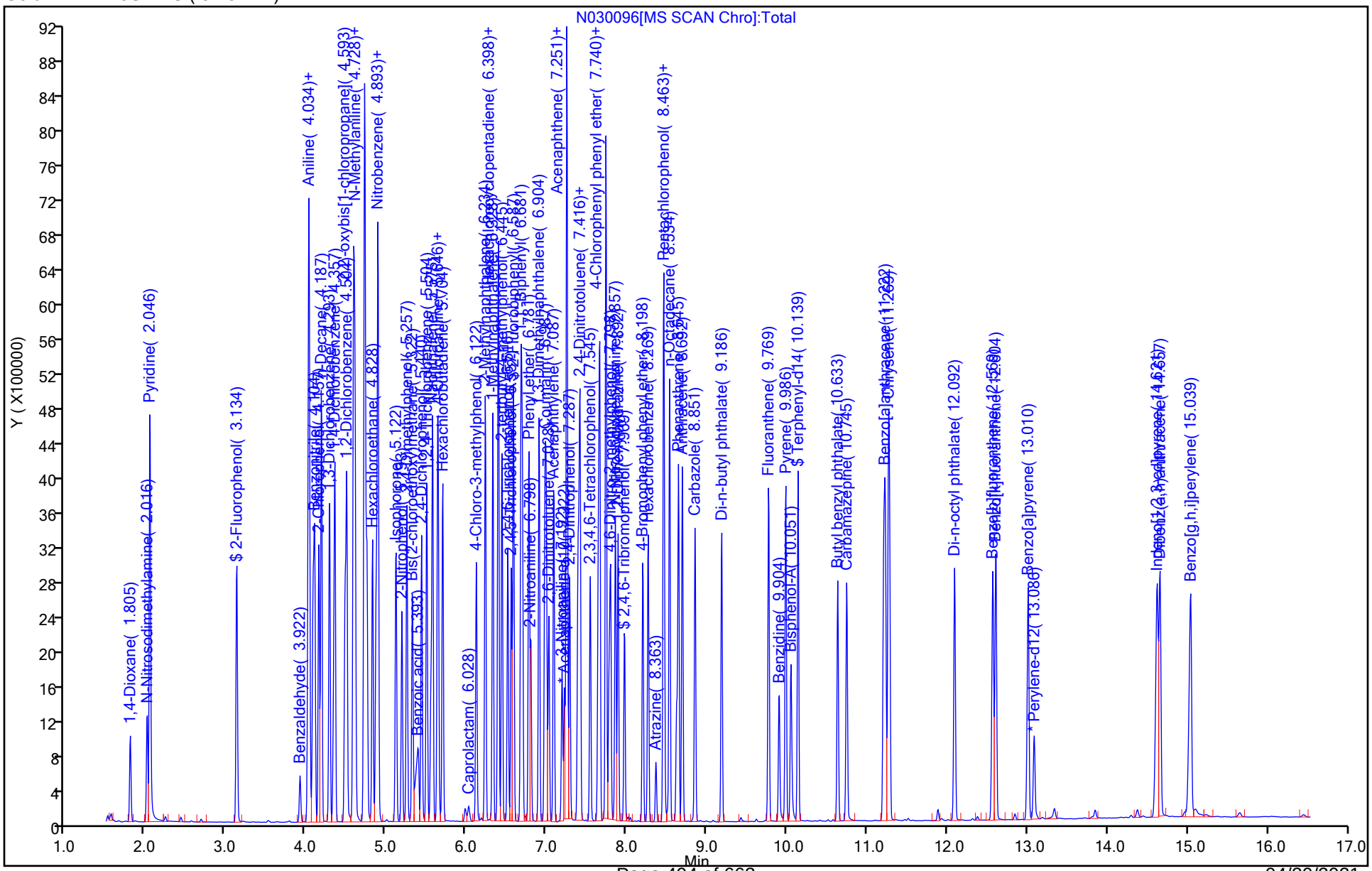
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

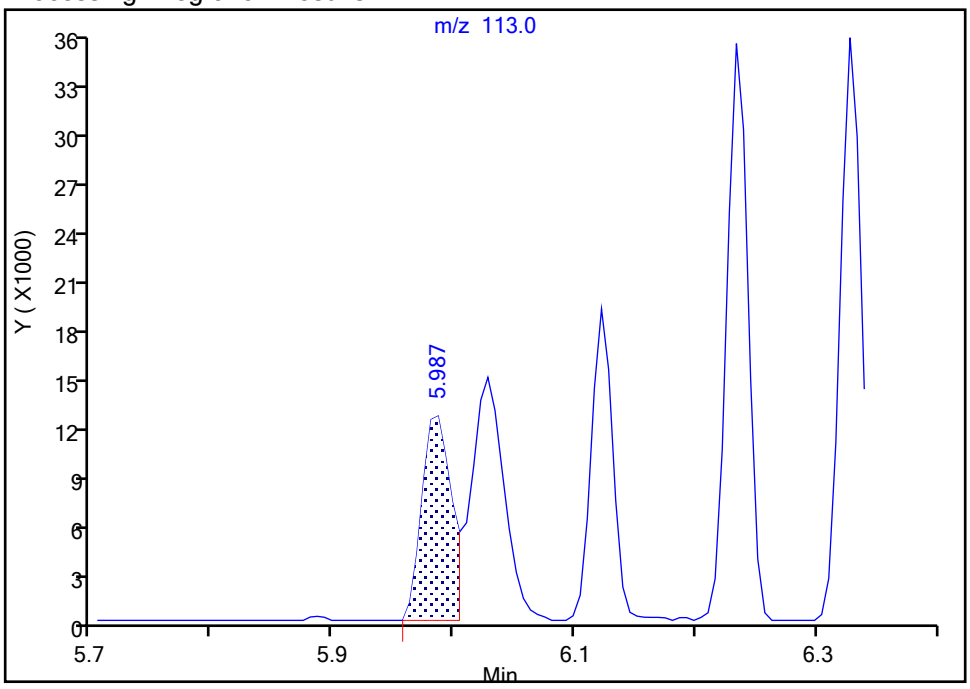
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030096.d
Injection Date: 26-Feb-2021 08:43:30 Instrument ID: CBNAMS14
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

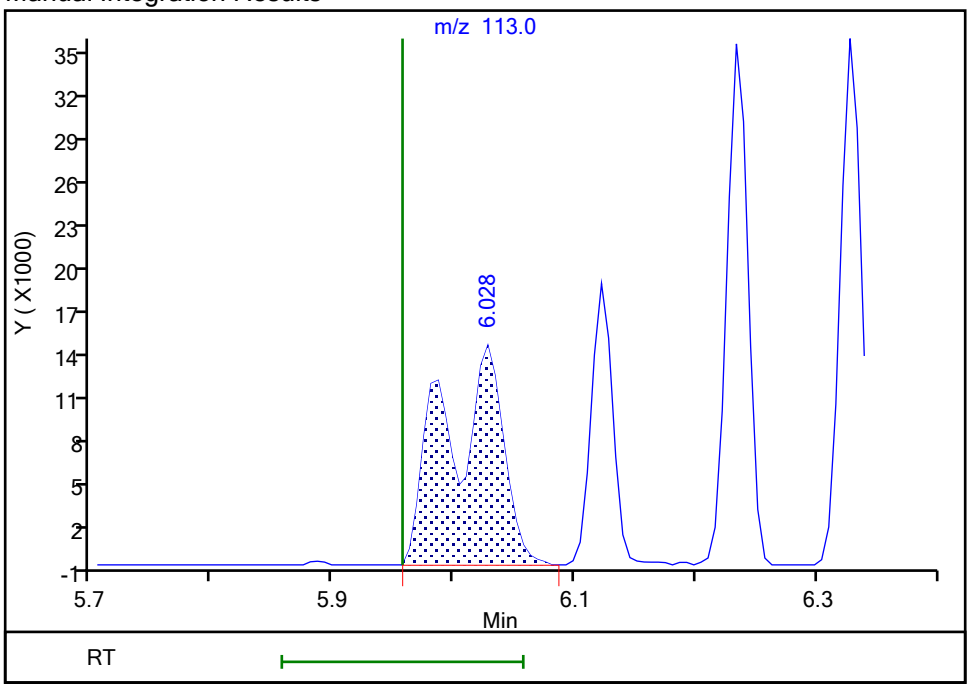
Processing Integration Results

RT: 5.99
Area: 21716
Amount: 3.768429
Amount Units: ug/ml



Manual Integration Results

RT: 6.03
Area: 49049
Amount: 7.003216
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 09:04:43
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030097.d
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 26-Feb-2021 09:04:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-004
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:18:22 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 09:39:19

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.804	1.816	-0.012	93	338890	16.0	15.2	
	2 N-Nitrosodimethylamine	74	2.016	2.022	-0.006	74	509275	16.0	15.8	
	3 Pyridine	79	2.051	2.057	-0.006	77	1714195	32.0	32.6	
$	4 2-Fluorophenol	112	3.128	3.134	-0.006	89	872009	16.0	16.1	
	5 Benzaldehyde	77	3.922	3.922	0.000	92	165228	4.80	3.37	
$	6 Phenol-d5	99	4.022	4.016	0.006	99	1079681	16.0	15.8	
	8 Aniline	93	4.034	4.028	0.006	85	1298139	16.0	15.4	
	7 Phenol	94	4.034	4.028	0.006	85	1140373	16.0	15.4	
	9 Bis(2-chloroethyl)ether	93	4.081	4.081	0.000	92	880680	16.0	15.3	
	10 Benzonitrile	103	4.104	4.098	0.006	99	1639805	NC	NC	
	11 2-Chlorophenol	128	4.157	4.151	0.006	91	875939	16.0	15.5	
	12 n-Decane	43	4.187	4.187	0.000	93	1292043	16.0	15.4	
	13 1,3-Dichlorobenzene	146	4.293	4.287	0.006	92	1017184	16.0	15.3	
*	14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	343717	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.357	4.357	0.000	91	1034298	16.0	15.4	
	16 Benzyl alcohol	108	4.481	4.481	0.000	89	501437	16.0	15.4	
	17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	93	962243	16.0	15.3	
	19 2,2'-oxybis[1-chloropropane]	45	4.598	4.598	0.000	91	1608799	16.0	15.2	
	18 2-Methylphenol	108	4.604	4.604	0.000	86	757812	16.0	15.5	
	20 N-Methylaniline	106	4.722	4.716	0.006	93	1377178	16.0	15.9	
	21 Acetophenone	105	4.728	4.722	0.006	91	1205411	16.0	15.1	
	22 N-Nitrosodi-n-propylamine	70	4.734	4.728	0.006	94	658344	16.0	15.5	
	23 3 & 4 Methylphenol	108	4.751	4.751	0.000	77	812570	16.0	15.6	
	24 4-Methylphenol	108	4.751	4.751	0.000	94	812570	16.0	15.6	
	25 Hexachloroethane	117	4.828	4.828	0.000	90	409644	16.0	15.9	
$	27 Nitrobenzene-d5	82	4.869	4.869	0.000	94	1030033	16.0	16.6	
	28 Nitrobenzene	123	4.892	4.887	0.005	87	415681	16.0	15.9	
	29 n,n'-Dimethylaniline	120	4.892	4.893	-0.001	94	1268610	16.0	15.3	
	30 Isophorone	82	5.116	5.116	0.000	98	1578213	16.0	15.7	
	32 2-Nitrophenol	139	5.192	5.193	-0.001	83	469782	16.0	15.8	
	33 2,4-Dimethylphenol	122	5.251	5.251	0.000	87	698509	16.0	15.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.322	5.322	0.000	95	984588	16.0	15.7	
35 Benzoic acid	122	5.387	5.357	0.030	92	424113	16.0	16.9	
36 2,4-Dichlorophenol	162	5.440	5.434	0.006	93	723568	16.0	15.7	
37 1,2,4-Trichlorobenzene	180	5.504	5.504	0.000	94	872230	16.0	15.9	
* 38 Naphthalene-d8	136	5.557	5.557	0.000	99	1156610	8.00	8.00	
39 Naphthalene	128	5.575	5.575	0.000	98	2357134	16.0	15.8	
40 4-Chloroaniline	127	5.634	5.634	0.000	95	889888	16.0	15.8	
130 2,6-Dichlorophenol	162	5.645	5.645	0.000	95	710718	16.0	16.1	
41 Hexachlorobutadiene	225	5.704	5.704	0.000	96	558657	16.0	15.9	
42 Caprolactam	113	5.975	5.957	0.018	86	52564	4.80	5.61	M
43 4-Chloro-3-methylphenol	107	6.122	6.122	0.000	96	654552	16.0	15.3	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	84	1612612	16.0	15.6	
45 1-Methylnaphthalene	142	6.328	6.328	0.000	92	1496410	16.0	15.5	
46 Hexachlorocyclopentadiene	237	6.392	6.392	0.000	97	679492	16.0	16.4	
47 1,2,4,5-Tetrachlorobenzene	216	6.398	6.398	0.000	97	859457	16.0	15.9	
48 2-tertbutyl-4-methylphenol	149	6.439	6.439	0.000	89	1049416	16.0	16.0	
49 2,4,6-Trichlorophenol	196	6.516	6.516	0.000	90	545480	16.0	16.7	
50 2,4,5-Trichlorophenol	196	6.557	6.557	0.000	96	552779	16.0	15.7	
$ 51 2-Fluorobiphenyl	172	6.586	6.587	-0.001	97	1872201	16.0	16.0	
52 1,1'-Biphenyl	154	6.681	6.681	0.000	97	1830962	16.0	15.7	
53 2-Chloronaphthalene	162	6.698	6.692	0.006	99	1417632	16.0	15.5	
54 Phenyl ether	170	6.781	6.775	0.006	86	1011742	16.0	16.0	
55 2-Nitroaniline	65	6.798	6.798	0.000	93	556161	16.0	15.8	
57 1,3-Dimethylnaphthalene	156	6.904	6.904	0.000	90	1133665	16.0	15.8	
59 Dimethyl phthalate	163	6.975	6.975	0.000	98	1517983	16.0	15.6	
60 Coumarin	146	6.992	6.987	0.005	75	444891	16.0	15.7	
61 2,6-Dinitrotoluene	165	7.028	7.028	0.000	92	347703	16.0	16.0	
62 Acenaphthylene	152	7.086	7.087	0.000	97	2127817	16.0	15.7	
63 3-Nitroaniline	138	7.192	7.192	0.000	91	317274	16.0	16.1	
* 64 Acenaphthene-d10	164	7.222	7.222	0.000	94	575308	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.251	7.251	0.000	97	1532643	16.0	16.6	
66 Acenaphthene	154	7.251	7.251	0.000	96	1304428	16.0	15.5	
67 2,4-Dinitrophenol	184	7.286	7.287	0.000	93	438095	32.0	32.6	
68 4-Nitrophenol	65	7.386	7.386	0.000	91	605192	32.0	34.5	
69 2,4-Dinitrotoluene	165	7.404	7.404	0.000	92	441716	16.0	16.2	
70 Dibenzofuran	168	7.416	7.416	0.000	98	1923757	16.0	15.3	
72 2,3,4,6-Tetrachlorophenol	232	7.545	7.545	0.000	95	450286	16.0	16.0	
73 Diethyl phthalate	149	7.645	7.639	0.006	98	1474497	16.0	15.9	
75 Fluorene	166	7.739	7.739	0.000	92	1528873	16.0	15.3	
74 4-Chlorophenyl phenyl ether	204	7.739	7.739	0.000	78	789126	16.0	15.4	
76 4-Nitroaniline	138	7.775	7.769	0.006	93	296909	16.0	16.2	
77 4,6-Dinitro-2-methylphenol	198	7.798	7.792	0.006	88	507660	32.0	34.9	
78 N-Nitrosodiphenylamine	169	7.857	7.857	0.000	98	1042489	16.0	16.0	
79 1,2-Diphenylhydrazine	77	7.892	7.892	0.000	98	1536481	16.0	15.9	
$ 80 2,4,6-Tribromophenol	330	7.975	7.975	0.000	93	367173	16.0	17.0	
81 4-Bromophenyl phenyl ether	248	8.204	8.204	0.000	92	494150	16.0	16.0	
82 Hexachlorobenzene	284	8.269	8.269	0.000	96	599692	16.0	16.5	
83 Atrazine	200	8.363	8.363	0.000	91	114544	4.80	5.36	
84 Pentachlorophenol	266	8.457	8.457	0.000	94	659939	32.0	35.5	
85 Pentachloronitrobenzene	237	8.463	8.469	-0.006	88	234555	16.0	16.6	
86 n-Octadecane	57	8.533	8.533	0.000	93	1281258	16.0	16.6	
* 87 Phenanthrene-d10	188	8.622	8.622	0.000	98	896090	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.645	8.645	0.000	97	1972686	16.0	15.7	
89 Anthracene	178	8.692	8.692	0.000	99	2034687	16.0	16.0	
90 Carbazole	167	8.851	8.851	0.000	96	1715660	16.0	16.1	
91 Di-n-butyl phthalate	149	9.186	9.186	0.000	100	2127334	16.0	17.6	
92 Fluoranthene	202	9.769	9.769	0.000	98	2044793	16.0	16.6	
93 Benzidine	184	9.904	9.904	0.000	99	859867	16.0	18.8	
94 Pyrene	202	9.986	9.986	0.000	98	2051477	16.0	14.8	
95 Bisphenol-A	213	10.051	10.051	0.000	98	852464	16.0	18.0	
$ 96 Terphenyl-d14	244	10.139	10.139	0.000	100	1649736	16.0	15.6	
97 Butyl benzyl phthalate	149	10.633	10.633	0.000	98	836563	16.0	17.0	
99 Carbamazepine	193	10.745	10.745	0.000	91	842264	16.0	17.7	
100 3,3'-Dichlorobenzidine	252	11.204	11.204	0.000	99	748511	16.0	17.1	
101 Benzo[a]anthracene	228	11.221	11.222	-0.001	98	1858617	16.0	15.6	
* 102 Chrysene-d12	240	11.233	11.233	0.000	99	688356	8.00	8.00	
104 Chrysene	228	11.269	11.263	0.006	99	1807650	16.0	15.9	
103 Bis(2-ethylhexyl) phthalate	149	11.280	11.280	0.000	89	1178864	16.0	18.0	
105 Di-n-octyl phthalate	149	12.092	12.092	0.000	97	2013522	16.0	16.2	
106 Benzo[b]fluoranthene	252	12.568	12.569	0.000	97	1942088	16.0	16.2	
107 Benzo[k]fluoranthene	252	12.604	12.604	0.000	98	2014900	16.0	16.0	
108 Benzo[a]pyrene	252	13.010	13.010	0.000	98	1709624	16.0	16.4	
* 109 Perylene-d12	264	13.086	13.086	0.000	100	824714	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.615	14.610	0.005	97	2309503	16.0	16.9	
111 Dibenz(a,h)anthracene	278	14.651	14.645	0.006	99	2191224	16.0	16.5	
112 Benzo[g,h,i]perylene	276	15.033	15.021	0.012	97	2231393	16.0	16.2	
S 119 Total Cresols	1				0			31.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL8_LVI_00002 Amount Added: 1.00 Units: mL

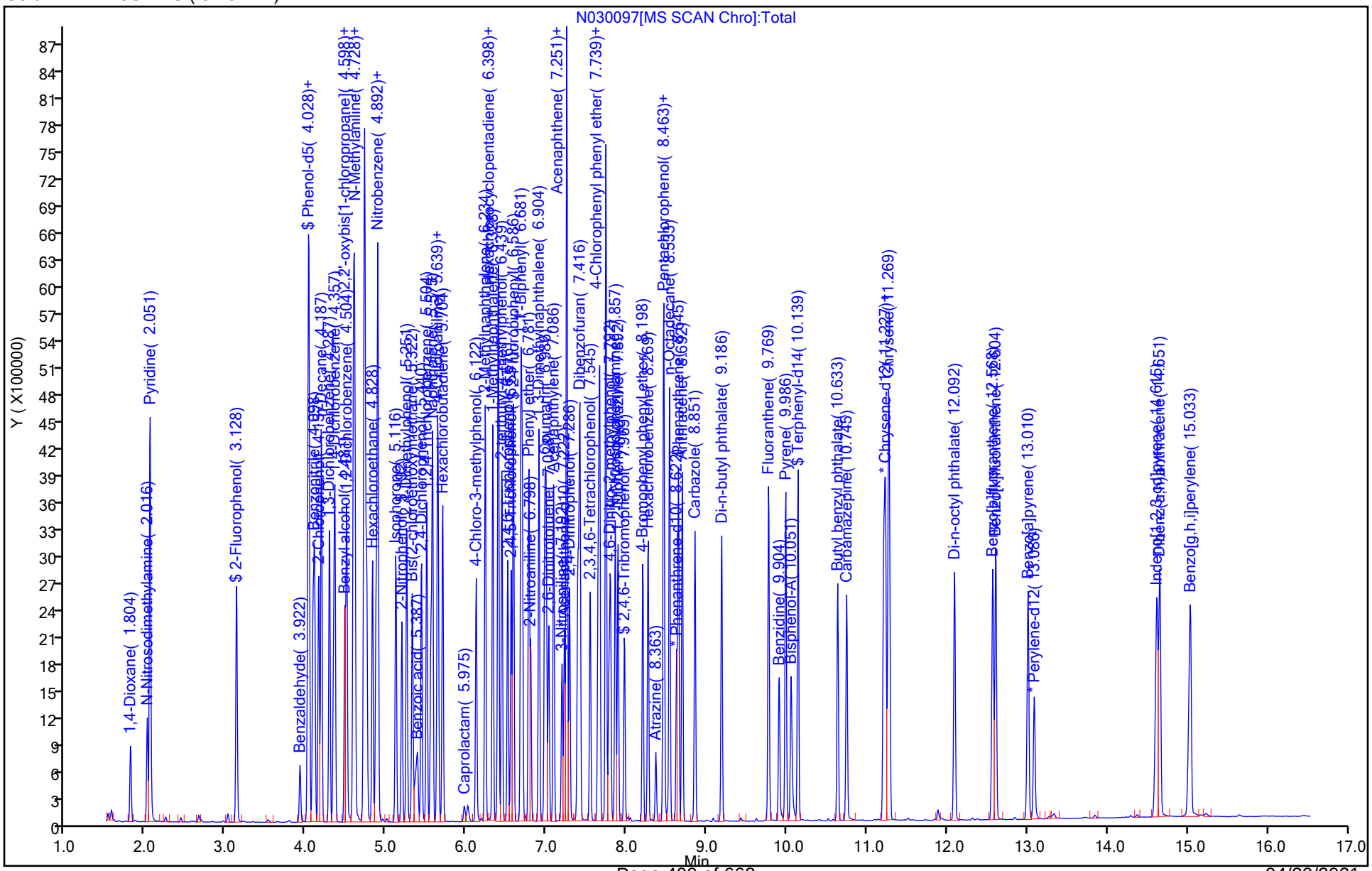
Report Date: 02-Mar-2021 07:18:26 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030097.d

Injection Date:	26-Feb-2021 09:04:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	STD16			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

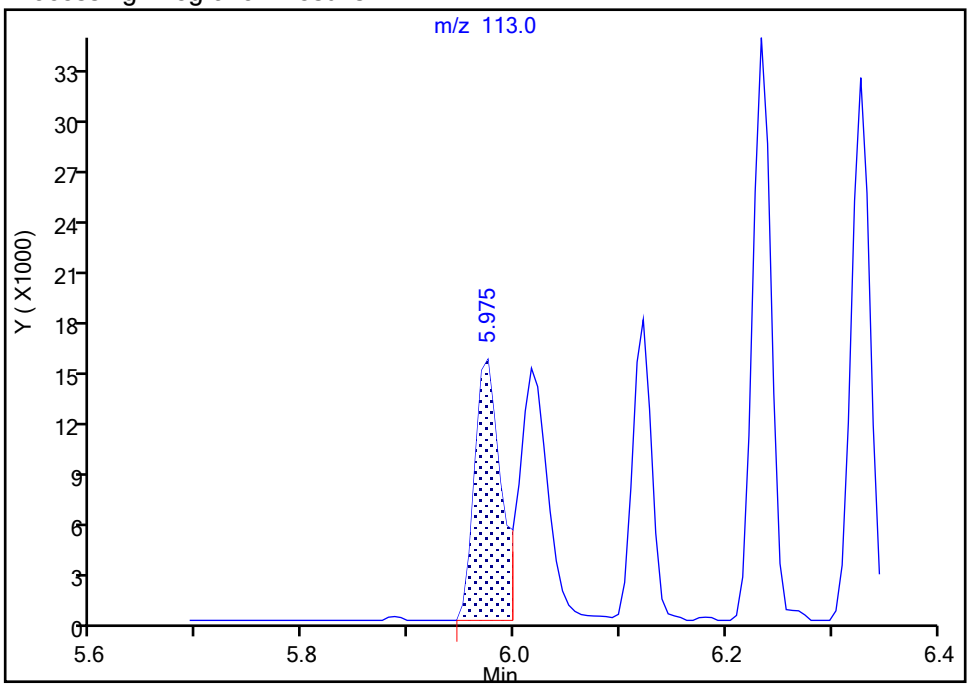
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030097.d
Injection Date: 26-Feb-2021 09:04:30 Instrument ID: CBNAMS14
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

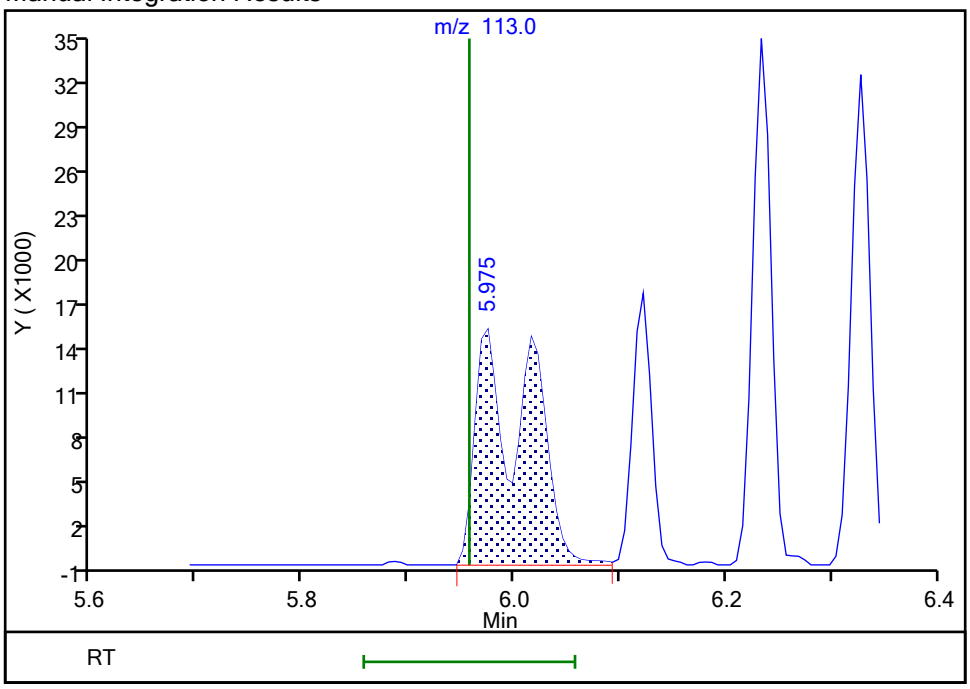
Processing Integration Results

RT: 5.97
Area: 26517
Amount: 2.983120
Amount Units: ug/ml



Manual Integration Results

RT: 5.97
Area: 52564
Amount: 5.607166
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 09:38:43
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030098.d
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 26-Feb-2021 09:25:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-005
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:18:31 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 09:51:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.816	1.816	0.000	93	73598	4.00	3.97	
2 N-Nitrosodimethylamine	74	2.022	2.022	0.000	74	106256	4.00	3.96	
3 Pyridine	79	2.058	2.058	0.000	77	369631	8.00	8.46	
$ 4 2-Fluorophenol	112	3.134	3.134	0.000	92	174277	4.00	3.86	
5 Benzaldehyde	77	3.922	3.922	0.000	92	130930	3.20	3.21	
$ 6 Phenol-d5	99	4.010	4.010	0.000	99	217731	4.00	3.84	
8 Aniline	93	4.028	4.028	0.000	88	286003	4.00	4.07	
7 Phenol	94	4.028	4.028	0.000	78	246980	4.00	4.01	
9 Bis(2-chloroethyl)ether	93	4.075	4.075	0.000	96	189160	4.00	3.95	
10 Benzonitrile	103	4.093	4.093	0.000	99	349429	NC	NC	
11 2-Chlorophenol	128	4.151	4.151	0.000	91	188070	4.00	3.99	
12 n-Decane	43	4.187	4.187	0.000	93	277767	4.00	3.97	
13 1,3-Dichlorobenzene	146	4.287	4.287	0.000	93	219375	4.00	3.97	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	285875	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.351	4.351	0.000	93	220488	4.00	3.96	
16 Benzyl alcohol	108	4.475	4.475	0.000	89	109703	4.00	4.06	
17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	93	205348	4.00	3.92	
19 2,2'-oxybis[1-chloropropane]	45	4.599	4.599	0.000	86	355793	4.00	4.03	
18 2-Methylphenol	108	4.599	4.599	0.000	86	161922	4.00	3.99	
20 N-Methylaniline	106	4.716	4.716	0.000	94	293353	4.00	4.08	
21 Acetophenone	105	4.722	4.722	0.000	88	269645	4.00	4.06	
22 N-Nitrosodi-n-propylamine	70	4.722	4.722	0.000	93	144497	4.00	4.10	
23 3 & 4 Methylphenol	108	4.746	4.746	0.000	70	176373	4.00	4.07	
24 4-Methylphenol	108	4.746	4.746	0.000	95	176373	4.00	4.07	
25 Hexachloroethane	117	4.822	4.822	0.000	89	86203	4.00	4.02	
$ 27 Nitrobenzene-d5	82	4.863	4.863	0.000	92	214017	4.00	3.97	
28 Nitrobenzene	123	4.881	4.881	0.000	87	90884	4.00	4.17	
29 n,n'-Dimethylaniline	120	4.887	4.887	0.000	98	268681	4.00	3.90	
30 Isophorone	82	5.110	5.110	0.000	98	351341	4.00	4.03	
32 2-Nitrophenol	139	5.187	5.187	0.000	84	103502	4.00	4.01	
33 2,4-Dimethylphenol	122	5.246	5.246	0.000	87	155856	4.00	4.03	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.316	5.316	0.000	95	215170	4.00	3.95	
35 Benzoic acid	122	5.328	5.328	0.000	92	65512	4.00	3.88	
36 2,4-Dichlorophenol	162	5.434	5.434	0.000	93	162891	4.00	4.06	
37 1,2,4-Trichlorobenzene	180	5.498	5.498	0.000	94	189748	4.00	3.99	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	1004933	8.00	8.00	
39 Naphthalene	128	5.569	5.569	0.000	98	524060	4.00	4.04	
40 4-Chloroaniline	127	5.628	5.628	0.000	95	204068	4.00	4.18	
130 2,6-Dichlorophenol	162	5.640	5.640	0.000	95	157614	4.00	3.92	
41 Hexachlorobutadiene	225	5.698	5.698	0.000	95	119783	4.00	3.92	
42 Caprolactam	113	5.940	5.940	0.000	86	28780	3.20	3.53	
43 4-Chloro-3-methylphenol	107	6.116	6.116	0.000	97	148959	4.00	4.01	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	83	355059	4.00	3.94	
45 1-Methylnaphthalene	142	6.322	6.322	0.000	94	336300	4.00	4.01	
46 Hexachlorocyclopentadiene	237	6.393	6.393	0.000	98	143946	4.00	3.86	
47 1,2,4,5-Tetrachlorobenzene	216	6.393	6.393	0.000	97	191835	4.00	3.93	
48 2-tertbutyl-4-methylphenol	149	6.440	6.440	0.000	90	230555	4.00	4.04	
49 2,4,6-Trichlorophenol	196	6.510	6.510	0.000	89	117455	4.00	3.99	
50 2,4,5-Trichlorophenol	196	6.557	6.557	0.000	97	126030	4.00	3.96	
$ 51 2-Fluorobiphenyl	172	6.581	6.581	0.000	97	393720	4.00	3.74	
52 1,1'-Biphenyl	154	6.675	6.675	0.000	97	412921	4.00	3.92	
53 2-Chloronaphthalene	162	6.692	6.692	0.000	97	323167	4.00	3.93	
54 Phenyl ether	170	6.775	6.775	0.000	89	221664	4.00	3.87	
55 2-Nitroaniline	65	6.792	6.792	0.000	94	127057	4.00	4.00	
57 1,3-Dimethylnaphthalene	156	6.898	6.898	0.000	90	249251	4.00	3.86	
59 Dimethyl phthalate	163	6.969	6.969	0.000	98	335733	4.00	3.83	
60 Coumarin	146	6.981	6.981	0.000	75	97538	4.00	3.95	
61 2,6-Dinitrotoluene	165	7.022	7.022	0.000	94	80780	4.00	4.12	
62 Acenaphthylene	152	7.081	7.081	0.000	97	481113	4.00	3.94	
63 3-Nitroaniline	138	7.187	7.187	0.000	91	69905	4.00	3.93	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	94	518951	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.245	7.245	0.000	97	311168	4.00	3.73	
66 Acenaphthene	154	7.251	7.251	0.000	96	303323	4.00	3.99	
67 2,4-Dinitrophenol	184	7.281	7.281	0.000	94	82793	8.00	7.97	
68 4-Nitrophenol	65	7.381	7.381	0.000	92	122954	8.00	7.76	
69 2,4-Dinitrotoluene	165	7.398	7.398	0.000	93	99603	4.00	4.04	
70 Dibenzofuran	168	7.410	7.410	0.000	98	438774	4.00	3.87	
72 2,3,4,6-Tetrachlorophenol	232	7.540	7.540	0.000	94	97349	4.00	3.84	
73 Diethyl phthalate	149	7.634	7.634	0.000	98	324641	4.00	3.88	
75 Fluorene	166	7.734	7.734	0.000	95	346551	4.00	3.85	
74 4-Chlorophenyl phenyl ether	204	7.734	7.734	0.000	86	179971	4.00	3.88	
76 4-Nitroaniline	138	7.763	7.763	0.000	92	66055	4.00	4.01	
77 4,6-Dinitro-2-methylphenol	198	7.787	7.787	0.000	83	105239	8.00	8.09	
78 N-Nitrosodiphenylamine	169	7.851	7.851	0.000	98	235343	4.00	4.03	
79 1,2-Diphenylhydrazine	77	7.887	7.887	0.000	98	351255	4.00	4.06	
$ 80 2,4,6-Tribromophenol	330	7.969	7.969	0.000	93	74421	4.00	3.81	
81 4-Bromophenyl phenyl ether	248	8.198	8.198	0.000	90	110445	4.00	3.99	
82 Hexachlorobenzene	284	8.263	8.263	0.000	96	132766	4.00	4.07	
83 Atrazine	200	8.357	8.357	0.000	93	64527	3.20	3.37	
84 Pentachlorophenol	266	8.451	8.451	0.000	94	132484	8.00	7.96	
85 Pentachloronitrobenzene	237	8.463	8.463	0.000	89	49685	4.00	3.94	
86 n-Octadecane	57	8.534	8.534	0.000	93	272347	4.00	3.94	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	801720	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.639	8.639	0.000	98	443171	4.00	3.94	
89 Anthracene	178	8.686	8.686	0.000	98	455868	4.00	4.00	
90 Carbazole	167	8.845	8.845	0.000	96	380660	4.00	4.00	
91 Di-n-butyl phthalate	149	9.181	9.181	0.000	99	423314	4.00	3.91	
92 Fluoranthene	202	9.769	9.769	0.000	98	430984	4.00	3.90	
93 Benzidine	184	9.898	9.898	0.000	99	154548	4.00	3.77	
94 Pyrene	202	9.981	9.981	0.000	97	432213	4.00	3.97	
95 Bisphenol-A	213	10.051	10.051	0.000	98	147943	4.00	3.95	
$ 96 Terphenyl-d14	244	10.133	10.133	0.000	99	316034	4.00	3.79	
97 Butyl benzyl phthalate	149	10.628	10.628	0.000	98	157120	4.00	4.04	
99 Carbamazepine	193	10.739	10.739	0.000	91	146662	4.00	3.91	
100 3,3'-Dichlorobenzidine	252	11.198	11.198	0.000	99	139983	4.00	4.06	
101 Benzo[a]anthracene	228	11.216	11.216	0.000	98	369664	4.00	3.94	
* 102 Chrysene-d12	240	11.227	11.227	0.000	99	542407	8.00	8.00	
104 Chrysene	228	11.257	11.257	0.000	98	350772	4.00	3.91	
103 Bis(2-ethylhexyl) phthalate	149	11.280	11.280	0.000	88	220766	4.00	4.28	
105 Di-n-octyl phthalate	149	12.086	12.086	0.000	97	366176	4.00	4.03	
106 Benzo[b]fluoranthene	252	12.557	12.557	0.000	97	352860	4.00	4.03	
107 Benzo[k]fluoranthene	252	12.592	12.592	0.000	99	387771	4.00	4.19	
108 Benzo[a]pyrene	252	12.998	12.998	0.000	98	314404	4.00	4.12	
* 109 Perylene-d12	264	13.080	13.080	0.000	100	604136	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.598	14.598	0.000	97	397148	4.00	3.98	
111 Dibenz(a,h)anthracene	278	14.639	14.639	0.000	99	386986	4.00	3.98	
112 Benzo[g,h,i]perylene	276	15.010	15.010	0.000	97	391462	4.00	3.88	
S 119 Total Cresols	1				0			8.06	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL6_LVI_00003 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:18:36 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030098.d

Injection Date: 26-Feb-2021 09:25:30 Instrument ID: CBNAMS14 Operator ID:

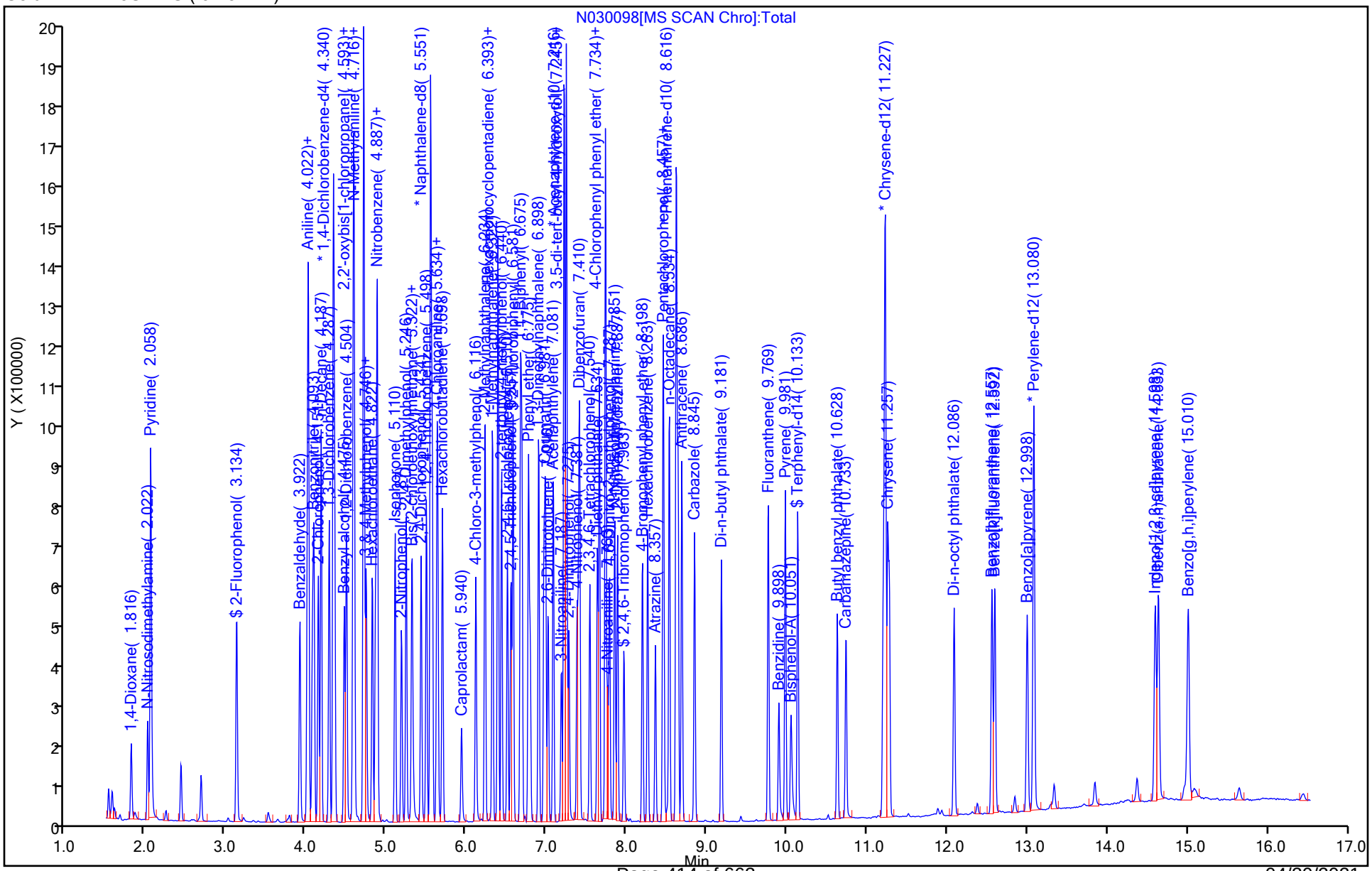
Lims ID: STD4 Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030099.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 26-Feb-2021 09:46:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-006
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:18:41 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 10:11:41

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.816	1.816	0.000	92	36567	2.00	2.09	
	2 N-Nitrosodimethylamine	74	2.022	2.022	0.000	73	51197	2.00	2.02	
	3 Pyridine	79	2.057	2.058	-0.001	76	178362	4.00	4.32	
$	4 2-Fluorophenol	112	3.134	3.134	0.000	91	85184	2.00	2.00	
	5 Benzaldehyde	77	3.922	3.922	0.000	92	78286	2.00	2.03	
$	6 Phenol-d5	99	4.010	4.010	0.000	99	106518	2.00	1.99	
	8 Aniline	93	4.028	4.028	0.000	93	139294	2.00	2.10	
	7 Phenol	94	4.028	4.028	0.000	78	121071	2.00	2.08	
	9 Bis(2-chloroethyl)ether	93	4.075	4.075	0.000	92	94635	2.00	2.09	
	10 Benzonitrile	103	4.093	4.093	0.000	99	165483	NC	NC	
	11 2-Chlorophenol	128	4.151	4.151	0.000	92	92867	2.00	2.09	
	12 n-Decane	43	4.187	4.187	0.000	93	135599	2.00	2.05	
	13 1,3-Dichlorobenzene	146	4.287	4.287	0.000	93	109057	2.00	2.09	
*	14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	270032	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.357	4.351	0.006	94	109779	2.00	2.09	
	16 Benzyl alcohol	108	4.475	4.475	0.000	89	52719	2.00	2.07	
	17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	94	103863	2.00	2.10	
	19 2,2'-oxybis[1-chloropropane]	45	4.593	4.599	-0.006	89	175345	2.00	2.10	
	18 2-Methylphenol	108	4.598	4.599	0.000	81	78517	2.00	2.05	
	20 N-Methylaniline	106	4.716	4.716	0.000	93	140614	2.00	2.07	
	21 Acetophenone	105	4.716	4.722	-0.006	87	132359	2.00	2.11	
	22 N-Nitrosodi-n-propylamine	70	4.716	4.722	-0.006	93	71039	2.00	2.13	
	23 3 & 4 Methylphenol	108	4.745	4.746	-0.001	70	86800	2.00	2.12	
	24 4-Methylphenol	108	4.745	4.746	-0.001	95	86800	2.00	2.12	
	25 Hexachloroethane	117	4.822	4.822	0.000	89	42479	2.00	2.10	
$	27 Nitrobenzene-d5	82	4.863	4.863	0.000	93	103535	2.00	2.00	
	28 Nitrobenzene	123	4.881	4.881	0.000	87	44674	2.00	2.17	
	29 n,n'-Dimethylaniline	120	4.887	4.887	0.000	95	130781	2.00	2.01	
	30 Isophorone	82	5.110	5.110	0.000	98	174351	2.00	2.08	
	32 2-Nitrophenol	139	5.187	5.187	0.000	83	50678	2.00	2.04	
	33 2,4-Dimethylphenol	122	5.245	5.246	-0.001	88	75769	2.00	2.04	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.316	5.316	0.000	95	106705	2.00	2.04	
35 Benzoic acid	122	5.316	5.328	-0.012	92	18168	2.00	1.86	
36 2,4-Dichlorophenol	162	5.434	5.434	0.000	93	79579	2.00	2.06	
37 1,2,4-Trichlorobenzene	180	5.498	5.498	0.000	95	92075	2.00	2.01	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	965764	8.00	8.00	
39 Naphthalene	128	5.569	5.569	0.000	98	259381	2.00	2.08	
40 4-Chloroaniline	127	5.628	5.628	0.000	94	101748	2.00	2.17	
130 2,6-Dichlorophenol	162	5.639	5.640	-0.001	96	78301	2.00	2.00	
41 Hexachlorobutadiene	225	5.698	5.698	0.000	95	58613	2.00	2.00	
42 Caprolactam	113	5.934	5.940	-0.006	86	16091	2.00	2.06	
43 4-Chloro-3-methylphenol	107	6.116	6.116	0.000	96	74283	2.00	2.08	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	84	180838	2.00	2.09	
45 1-Methylnaphthalene	142	6.322	6.322	0.000	92	169498	2.00	2.10	
46 Hexachlorocyclopentadiene	237	6.392	6.393	-0.001	97	69886	2.00	1.96	
47 1,2,4,5-Tetrachlorobenzene	216	6.392	6.393	-0.001	97	97612	2.00	2.09	
48 2-tertbutyl-4-methylphenol	149	6.439	6.440	-0.001	90	110698	2.00	2.02	
49 2,4,6-Trichlorophenol	196	6.510	6.510	0.000	90	59435	2.00	2.11	
50 2,4,5-Trichlorophenol	196	6.557	6.557	0.000	97	63355	2.00	2.08	
$ 51 2-Fluorobiphenyl	172	6.581	6.581	0.000	97	199761	2.00	1.99	
52 1,1'-Biphenyl	154	6.675	6.675	0.000	96	209139	2.00	2.08	
53 2-Chloronaphthalene	162	6.692	6.692	0.000	96	163393	2.00	2.08	
54 Phenyl ether	170	6.775	6.775	0.000	89	108274	2.00	1.98	
55 2-Nitroaniline	65	6.792	6.792	0.000	94	63861	2.00	2.10	
57 1,3-Dimethylnaphthalene	156	6.898	6.898	0.000	91	125938	2.00	2.04	
59 Dimethyl phthalate	163	6.963	6.969	-0.006	98	169700	2.00	2.03	
60 Coumarin	146	6.981	6.981	0.000	76	47908	2.00	2.02	
61 2,6-Dinitrotoluene	165	7.016	7.022	-0.006	93	39423	2.00	2.10	
62 Acenaphthylene	152	7.081	7.081	0.000	97	247060	2.00	2.12	
63 3-Nitroaniline	138	7.181	7.187	-0.006	91	35665	2.00	2.10	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	96	495594	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.245	7.245	0.000	97	154720	2.00	1.94	
66 Acenaphthene	154	7.245	7.251	-0.006	96	149372	2.00	2.06	
67 2,4-Dinitrophenol	184	7.275	7.281	-0.006	93	36363	4.00	4.14	
68 4-Nitrophenol	65	7.381	7.381	0.000	90	58390	4.00	3.86	
69 2,4-Dinitrotoluene	165	7.398	7.398	0.000	92	48992	2.00	2.08	
70 Dibenzofuran	168	7.410	7.410	0.000	96	227021	2.00	2.09	
72 2,3,4,6-Tetrachlorophenol	232	7.539	7.540	-0.001	94	48271	2.00	2.00	
73 Diethyl phthalate	149	7.633	7.634	-0.001	98	157641	2.00	1.97	
75 Fluorene	166	7.733	7.734	-0.001	97	179417	2.00	2.09	
74 4-Chlorophenyl phenyl ether	204	7.733	7.734	-0.001	86	92142	2.00	2.08	
76 4-Nitroaniline	138	7.757	7.763	-0.006	90	32734	2.00	2.08	
77 4,6-Dinitro-2-methylphenol	198	7.786	7.787	-0.001	83	50786	4.00	3.93	
78 N-Nitrosodiphenylamine	169	7.851	7.851	0.000	98	118562	2.00	2.04	
79 1,2-Diphenylhydrazine	77	7.886	7.887	-0.001	99	172049	2.00	2.00	
$ 80 2,4,6-Tribromophenol	330	7.969	7.969	0.000	94	37659	2.00	2.02	
81 4-Bromophenyl phenyl ether	248	8.198	8.198	0.000	91	56787	2.00	2.07	
82 Hexachlorobenzene	284	8.263	8.263	0.000	96	68172	2.00	2.11	
83 Atrazine	200	8.357	8.357	0.000	91	38383	2.00	2.02	
84 Pentachlorophenol	266	8.451	8.451	0.000	94	60336	4.00	3.65	
85 Pentachloronitrobenzene	237	8.463	8.463	0.000	89	23274	2.00	1.86	
86 n-Octadecane	57	8.533	8.534	-0.001	94	133811	2.00	1.95	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	796270	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.639	8.639	0.000	97	231223	2.00	2.07	
89 Anthracene	178	8.686	8.686	0.000	98	231583	2.00	2.04	
90 Carbazole	167	8.845	8.845	0.000	96	194283	2.00	2.05	
91 Di-n-butyl phthalate	149	9.180	9.181	-0.001	100	202217	2.00	1.88	
92 Fluoranthene	202	9.769	9.769	0.000	98	225797	2.00	2.06	
93 Benzidine	184	9.898	9.898	0.000	99	78794	2.00	1.94	
94 Pyrene	202	9.980	9.981	-0.001	98	223803	2.00	2.18	
95 Bisphenol-A	213	10.051	10.051	0.000	98	65276	2.00	1.85	
$ 96 Terphenyl-d14	244	10.133	10.133	0.000	99	157680	2.00	2.01	
97 Butyl benzyl phthalate	149	10.627	10.628	-0.001	99	72805	2.00	1.99	
99 Carbamazepine	193	10.733	10.739	-0.006	92	69615	2.00	1.97	
100 3,3'-Dichlorobenzidine	252	11.198	11.198	0.000	99	66093	2.00	2.03	
101 Benzo[a]anthracene	228	11.216	11.216	0.000	98	184267	2.00	2.08	
* 102 Chrysene-d12	240	11.227	11.227	0.000	99	511370	8.00	8.00	
104 Chrysene	228	11.257	11.257	0.000	98	171632	2.00	2.03	
103 Bis(2-ethylhexyl) phthalate	149	11.280	11.280	0.000	89	103352	2.00	2.12	
105 Di-n-octyl phthalate	149	12.086	12.086	0.000	97	177139	2.00	2.02	
106 Benzo[b]fluoranthene	252	12.557	12.557	0.000	97	176973	2.00	2.10	
107 Benzo[k]fluoranthene	252	12.592	12.592	0.000	98	186493	2.00	2.09	
108 Benzo[a]pyrene	252	12.998	12.998	0.000	98	153986	2.00	2.10	
* 109 Perylene-d12	264	13.080	13.080	0.000	99	581947	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.592	14.598	-0.006	97	193352	2.00	2.01	
111 Dibenz(a,h)anthracene	278	14.633	14.639	-0.006	98	190451	2.00	2.03	
112 Benzo[g,h,i]perylene	276	15.004	15.010	-0.006	97	199972	2.00	2.06	
S 119 Total Cresols	1				0			4.17	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL5_LVI_00002 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:18:46 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030099.d

Injection Date: 26-Feb-2021 09:46:30 Instrument ID: CBNAMS14 Operator ID:

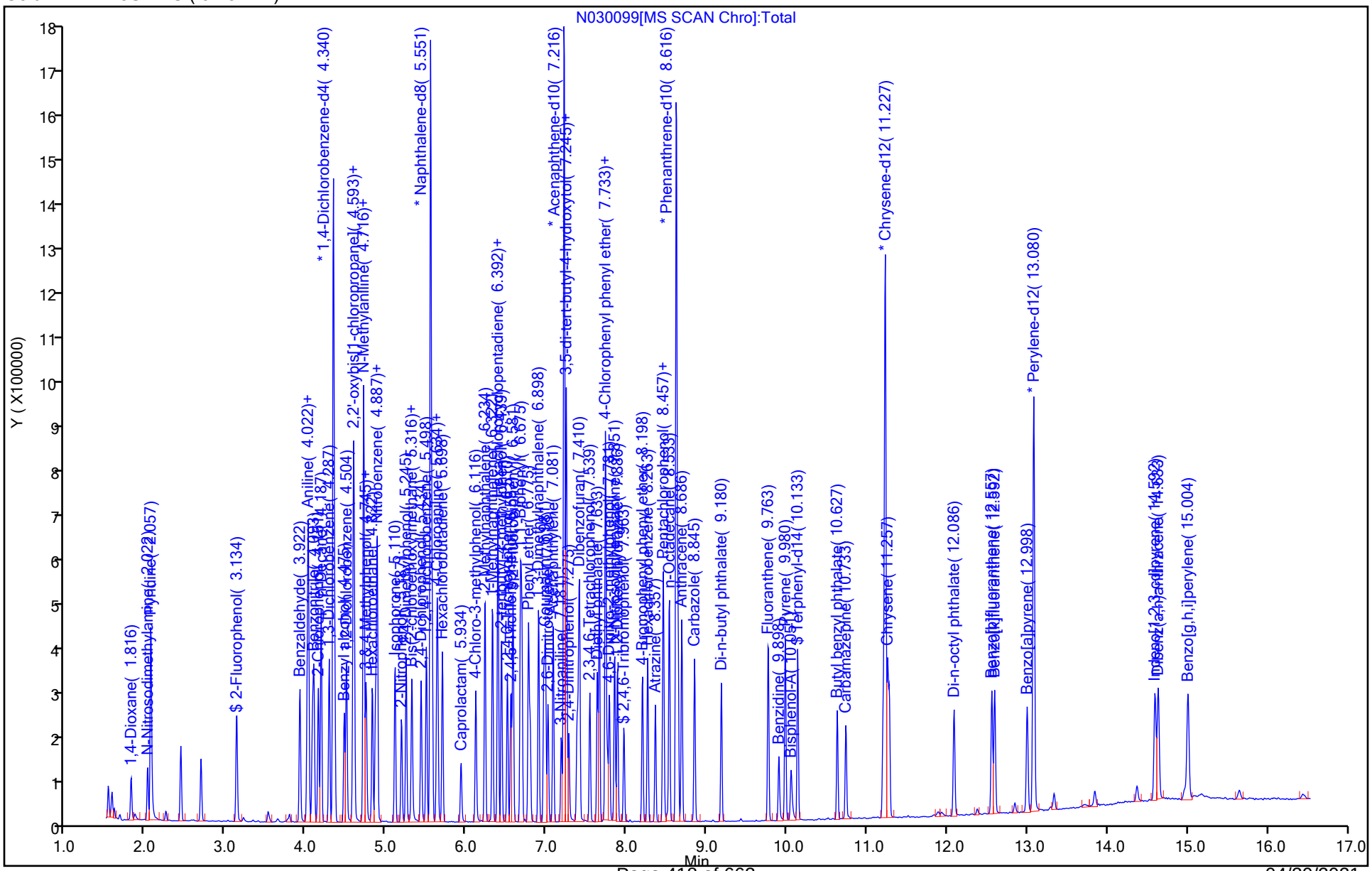
Lims ID: STD2 Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030100.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 26-Feb-2021 10:07:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-007
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:18:51 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 10:27:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.816	1.816	0.000	93	17413	1.00	1.05	
2 N-Nitrosodimethylamine	74	2.022	2.022	0.000	73	24751	1.00	1.03	
3 Pyridine	79	2.063	2.058	0.005	77	83011	2.00	2.13	
$ 4 2-Fluorophenol	112	3.134	3.134	0.000	90	39226	1.00	0.9752	
5 Benzaldehyde	77	3.922	3.922	0.000	92	37088	1.00	1.02	
$ 6 Phenol-d5	99	4.010	4.010	0.000	99	51362	1.00	1.02	
8 Aniline	93	4.028	4.028	0.000	75	67338	1.00	1.07	
7 Phenol	94	4.028	4.028	0.000	86	56411	1.00	1.03	
9 Bis(2-chloroethyl)ether	93	4.075	4.075	0.000	95	45633	1.00	1.07	
10 Benzonitrile	103	4.093	4.093	0.000	99	82454	NC	NC	
11 2-Chlorophenol	128	4.151	4.151	0.000	92	43753	1.00	1.04	
12 n-Decane	43	4.187	4.187	0.000	94	65455	1.00	1.05	
13 1,3-Dichlorobenzene	146	4.287	4.287	0.000	93	51000	1.00	1.04	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	254826	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.351	4.351	0.000	92	52057	1.00	1.05	
16 Benzyl alcohol	108	4.475	4.475	0.000	89	23896	1.00	0.99	
17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	94	48965	1.00	1.05	
19 2,2'-oxybis[1-chloropropane]	45	4.593	4.599	-0.005	88	84004	1.00	1.07	
18 2-Methylphenol	108	4.593	4.599	-0.005	81	37807	1.00	1.04	
20 N-Methylaniline	106	4.710	4.716	-0.006	92	67504	1.00	1.05	
21 Acetophenone	105	4.716	4.722	-0.006	87	64537	1.00	1.09	
22 N-Nitrosodi-n-propylamine	70	4.716	4.722	-0.006	93	34192	1.00	1.09	
23 3 & 4 Methylphenol	108	4.746	4.746	0.000	70	39140	1.00	1.01	
24 4-Methylphenol	108	4.746	4.746	0.000	95	39140	1.00	1.01	
25 Hexachloroethane	117	4.822	4.822	0.000	89	19228	1.00	1.01	
$ 27 Nitrobenzene-d5	82	4.863	4.863	0.000	96	49304	1.00	0.9760	
28 Nitrobenzene	123	4.881	4.881	0.000	91	21049	1.00	1.08	
29 n,n'-Dimethylaniline	120	4.887	4.887	0.000	97	64676	1.00	1.05	
30 Isophorone	82	5.110	5.110	0.000	97	82351	1.00	1.01	
32 2-Nitrophenol	139	5.187	5.187	0.000	83	23901	1.00	0.9879	
33 2,4-Dimethylphenol	122	5.246	5.246	0.000	87	36637	1.00	1.01	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.316	5.316	0.000	96	53344	1.00	1.04	
35 Benzoic acid	122	5.316	5.328	-0.012	86	7585	1.00	1.39	
36 2,4-Dichlorophenol	162	5.434	5.434	0.000	93	37634	1.00	1.00	
37 1,2,4-Trichlorobenzene	180	5.498	5.498	0.000	94	44719	1.00	1.00	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	941899	8.00	8.00	
39 Naphthalene	128	5.569	5.569	0.000	98	126390	1.00	1.04	
40 4-Chloroaniline	127	5.628	5.628	0.000	95	49860	1.00	1.09	
130 2,6-Dichlorophenol	162	5.640	5.640	0.000	95	39217	1.00	1.00	
41 Hexachlorobutadiene	225	5.698	5.698	0.000	95	28621	1.00	1.00	
42 Caprolactam	113	5.928	5.940	-0.012	87	7361	1.00	0.9642	
43 4-Chloro-3-methylphenol	107	6.116	6.116	0.000	97	35505	1.00	1.02	
44 2-Methylnaphthalene	142	6.228	6.234	-0.006	83	89210	1.00	1.06	
45 1-Methylnaphthalene	142	6.322	6.322	0.000	94	83211	1.00	1.06	
46 Hexachlorocyclopentadiene	237	6.393	6.393	-0.001	97	35160	1.00	0.9535	
47 1,2,4,5-Tetrachlorobenzene	216	6.393	6.393	-0.001	96	45970	1.00	0.9521	
48 2-tertbutyl-4-methylphenol	149	6.434	6.440	-0.006	90	53334	1.00	1.00	
49 2,4,6-Trichlorophenol	196	6.510	6.510	0.000	90	28712	1.00	0.9870	
50 2,4,5-Trichlorophenol	196	6.557	6.557	0.000	96	29943	1.00	0.9521	
$ 51 2-Fluorobiphenyl	172	6.581	6.581	0.000	97	99155	1.00	0.9528	
52 1,1'-Biphenyl	154	6.675	6.675	0.000	97	103303	1.00	0.99	
53 2-Chloronaphthalene	162	6.692	6.692	0.000	98	82804	1.00	1.02	
54 Phenyl ether	170	6.775	6.775	0.000	89	54959	1.00	0.9720	
55 2-Nitroaniline	65	6.792	6.792	0.000	94	29694	1.00	0.9450	
57 1,3-Dimethylnaphthalene	156	6.898	6.898	0.000	90	61331	1.00	0.9598	
59 Dimethyl phthalate	163	6.963	6.969	-0.006	98	87512	1.00	1.01	
60 Coumarin	146	6.981	6.981	0.000	76	23690	1.00	1.02	
61 2,6-Dinitrotoluene	165	7.016	7.022	-0.006	93	19790	1.00	1.02	
62 Acenaphthylene	152	7.081	7.081	0.000	97	119875	1.00	0.99	
63 3-Nitroaniline	138	7.181	7.187	-0.006	91	17256	1.00	0.9811	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	95	512921	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.245	7.245	0.000	96	79983	1.00	0.9708	
66 Acenaphthene	154	7.245	7.251	-0.006	96	76518	1.00	1.02	
67 2,4-Dinitrophenol	184	7.281	7.281	0.000	89	14034	2.00	2.06	
68 4-Nitrophenol	65	7.381	7.381	0.000	90	27712	2.00	1.77	
69 2,4-Dinitrotoluene	165	7.398	7.398	0.000	92	25914	1.00	1.06	
70 Dibenzofuran	168	7.410	7.410	0.000	96	118080	1.00	1.05	
72 2,3,4,6-Tetrachlorophenol	232	7.539	7.540	-0.001	94	24614	1.00	0.9833	
73 Diethyl phthalate	149	7.634	7.634	0.000	97	82809	1.00	1.00	
75 Fluorene	166	7.734	7.734	0.000	94	93802	1.00	1.06	
74 4-Chlorophenyl phenyl ether	204	7.734	7.734	0.000	84	48112	1.00	1.05	
76 4-Nitroaniline	138	7.757	7.763	-0.006	91	15685	1.00	0.9622	
77 4,6-Dinitro-2-methylphenol	198	7.781	7.787	-0.006	84	22213	2.00	1.60	
78 N-Nitrosodiphenylamine	169	7.845	7.851	-0.006	98	62290	1.00	1.00	
79 1,2-Diphenylhydrazine	77	7.881	7.887	-0.006	98	90767	1.00	0.9837	
$ 80 2,4,6-Tribromophenol	330	7.963	7.969	-0.006	93	19906	1.00	1.03	
81 4-Bromophenyl phenyl ether	248	8.198	8.198	0.000	92	28882	1.00	0.9789	
82 Hexachlorobenzene	284	8.263	8.263	0.000	95	35515	1.00	1.02	
83 Atrazine	200	8.357	8.357	0.000	91	19781	1.00	0.9692	
84 Pentachlorophenol	266	8.451	8.451	0.000	94	29472	2.00	1.66	
85 Pentachloronitrobenzene	237	8.457	8.463	-0.006	88	12955	1.00	0.9631	
86 n-Octadecane	57	8.528	8.534	-0.006	93	68229	1.00	0.9259	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	855437	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.639	8.639	0.000	96	124847	1.00	1.04	
89 Anthracene	178	8.686	8.686	0.000	98	122023	1.00	1.00	
90 Carbazole	167	8.845	8.845	0.000	96	100418	1.00	0.9885	
91 Di-n-butyl phthalate	149	9.181	9.181	0.000	99	100104	1.00	0.8670	
92 Fluoranthene	202	9.763	9.769	-0.006	97	111716	1.00	0.9482	
93 Benzidine	184	9.898	9.898	0.000	99	43206	1.00	0.9885	
94 Pyrene	202	9.981	9.981	-0.001	97	114473	1.00	1.06	
95 Bisphenol-A	213	10.051	10.051	0.000	97	31925	1.00	0.8618	
$ 96 Terphenyl-d14	244	10.133	10.133	0.000	99	82437	1.00	1.00	
97 Butyl benzyl phthalate	149	10.628	10.628	0.000	98	35393	1.00	0.9196	
99 Carbamazepine	193	10.733	10.739	-0.006	91	33723	1.00	0.9075	
100 3,3'-Dichlorobenzidine	252	11.198	11.198	0.000	97	31634	1.00	0.9270	
101 Benzo[a]anthracene	228	11.216	11.216	0.000	98	89999	1.00	0.9697	
* 102 Chrysene-d12	240	11.227	11.227	0.000	99	536984	8.00	8.00	
104 Chrysene	228	11.257	11.257	0.000	98	96053	1.00	1.08	
103 Bis(2-ethylhexyl) phthalate	149	11.275	11.280	-0.005	89	47906	1.00	0.9371	
105 Di-n-octyl phthalate	149	12.086	12.086	0.000	97	80880	1.00	0.8974	
106 Benzo[b]fluoranthene	252	12.557	12.557	0.000	97	88388	1.00	1.02	
107 Benzo[k]fluoranthene	252	12.592	12.592	0.000	97	93493	1.00	1.02	
108 Benzo[a]pyrene	252	12.998	12.998	0.000	98	77355	1.00	1.02	
* 109 Perylene-d12	264	13.080	13.080	0.000	100	599110	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.592	14.598	-0.006	97	99965	1.00	1.01	
111 Dibenz(a,h)anthracene	278	14.633	14.639	-0.006	97	101823	1.00	1.05	
112 Benzo[g,h,i]perylene	276	15.004	15.010	-0.006	96	97899	1.00	0.9796	
S 119 Total Cresols	1				0			2.06	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL4_LVI_00002 Amount Added: 1.00 Units: mL

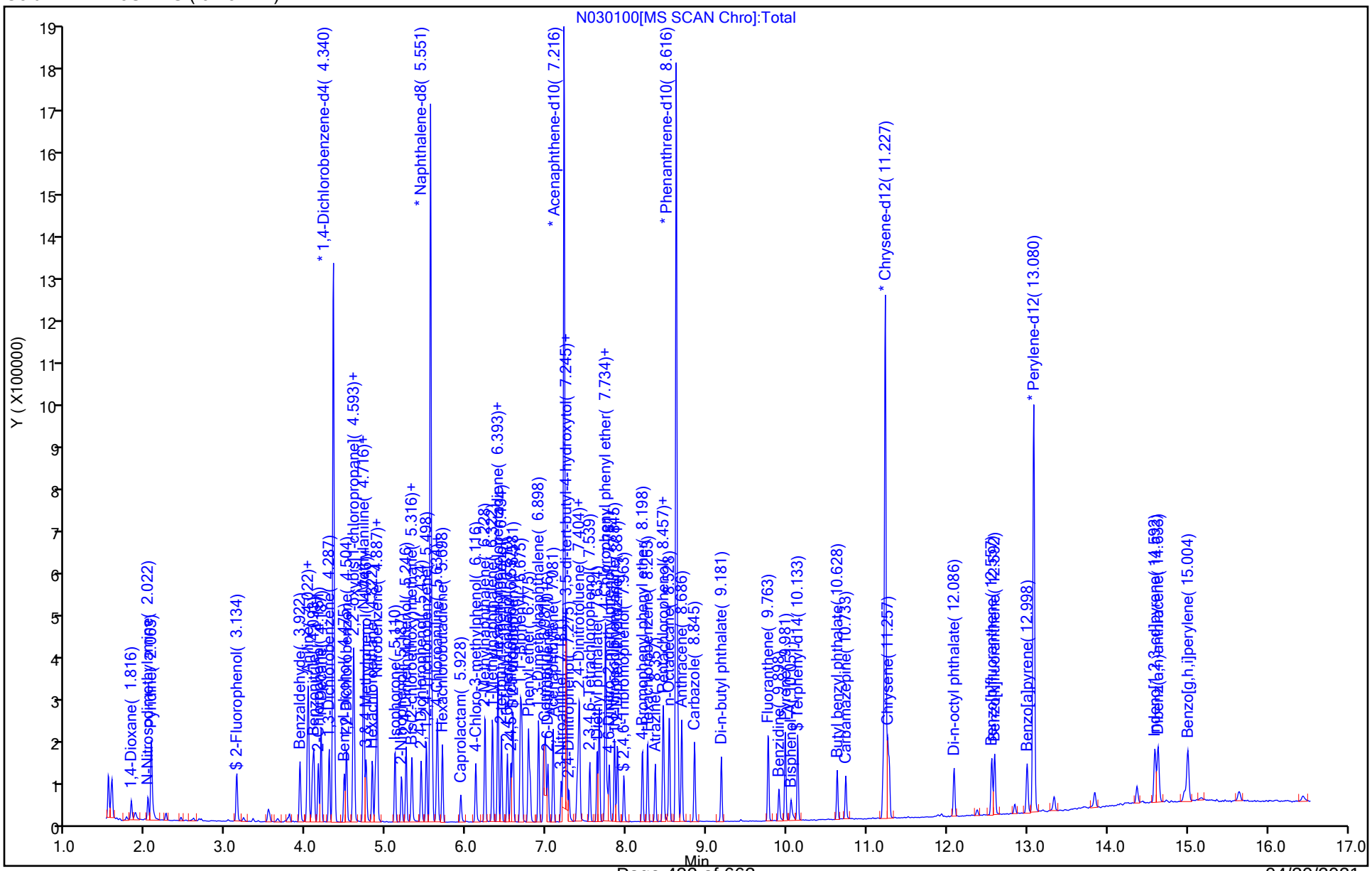
Report Date: 02-Mar-2021 07:18:55 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030100.d

Injection Date:	26-Feb-2021 10:07:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030101.d
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 26-Feb-2021 10:28:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-008
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:19:01 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 10:47:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.922	3.922	0.000	91	16511	0.4000	0.3980	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	98	290682	8.00	8.00	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	1034427	8.00	8.00	
42 Caprolactam	113	5.928	5.940	-0.012	85	2684	0.4000	0.3201	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	95	555883	8.00	8.00	
67 2,4-Dinitrophenol	184	7.281	7.281	0.000	85	3342	0.8000	1.08	
77 4,6-Dinitro-2-methylphenol	198	7.787	7.787	0.000	83	7384	0.8000	0.4833	
$ 80 2,4,6-Tribromophenol	330	7.963	7.969	-0.006	92	8793	0.4000	0.4205	
83 Atrazine	200	8.357	8.357	0.000	90	7710	0.4000	0.3434	
84 Pentachlorophenol	266	8.451	8.451	0.000	90	8949	0.8000	0.4580	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	941110	8.00	8.00	
* 102 Chrysene-d12	240	11.227	11.227	0.000	98	568302	8.00	8.00	
103 Bis(2-ethylhexyl) phthalate	149	11.275	11.280	-0.005	88	18515	0.4000	0.3422	
* 109 Perylene-d12	264	13.080	13.080	0.000	100	634768	8.00	8.00	

QC Flag Legend
Processing Flags

Reagents:
SV_BNAL3_LVI_00002 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:19:02 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030101.d

Injection Date: 26-Feb-2021 10:28:30 Instrument ID: CBNAMS14 Operator ID:

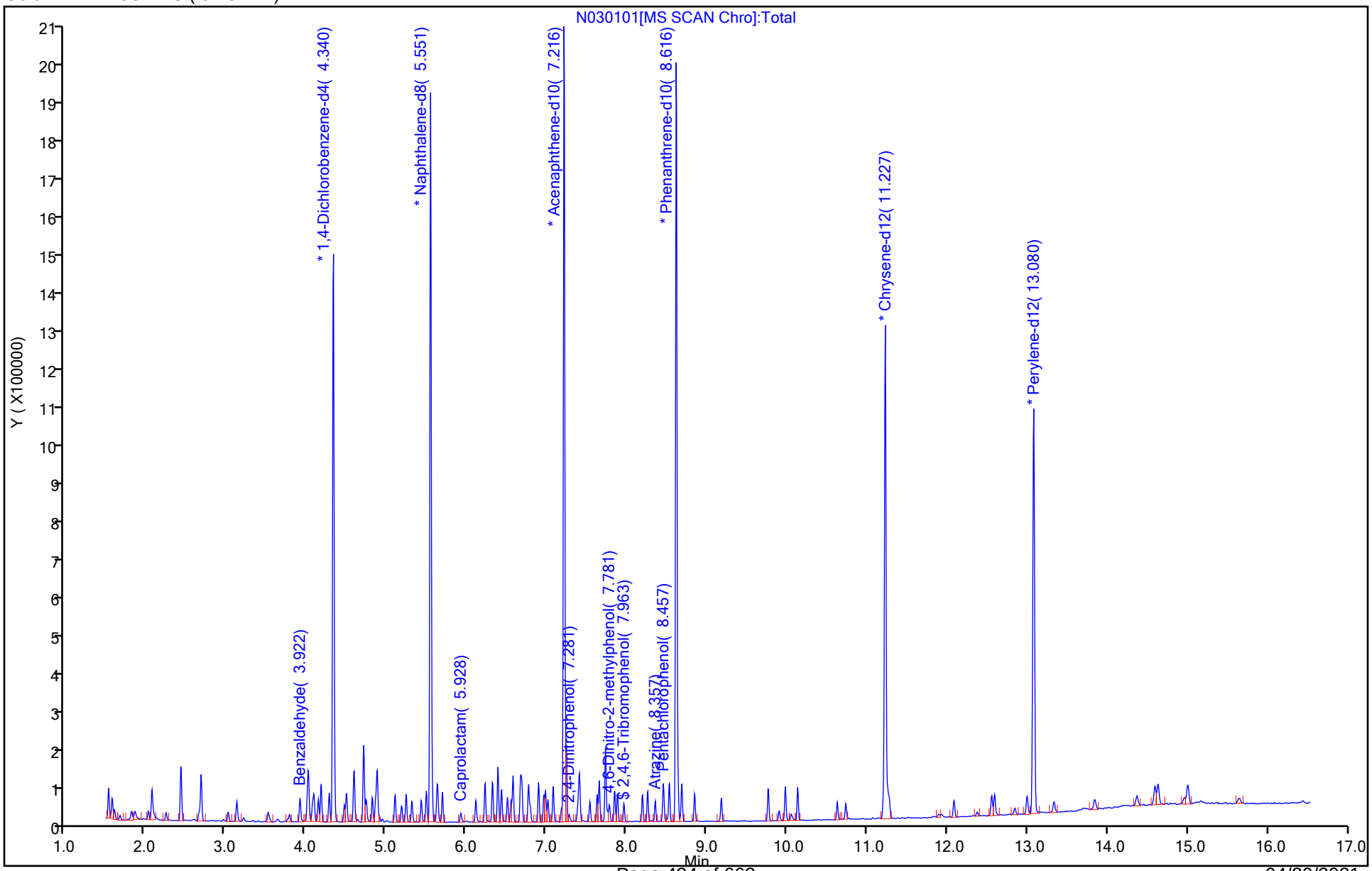
Lims ID: STD04 Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030102.d
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 26-Feb-2021 10:49:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-009
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:19:04 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 11:17:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
3 Pyridine	79	2.081	2.058	0.023	78	14796	0.4000	0.3728	
$ 4 2-Fluorophenol	112	3.134	3.134	0.000	87	7921	0.2000	0.1932	
5 Benzaldehyde	77	3.922	3.922	0.000	91	7162	0.2000	0.1932	
$ 6 Phenol-d5	99	4.016	4.010	0.006	98	10163	0.2000	0.1971	a
9 Bis(2-chloroethyl)ether	93	4.081	4.075	0.006	95	9003	0.2000	0.2068	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	259708	8.00	8.00	
20 N-Methylaniline	106	4.716	4.716	0.000	95	12962	0.2000	0.1985	
22 N-Nitrosodi-n-propylamine	70	4.722	4.722	0.000	92	6053	0.2000	0.1891	
25 Hexachloroethane	117	4.822	4.822	0.000	92	3876	0.2000	0.1989	
$ 27 Nitrobenzene-d5	82	4.863	4.863	0.000	94	9284	0.2000	0.1860	
28 Nitrobenzene	123	4.887	4.881	0.006	86	3974	0.2000	0.2009	
29 n,n'-Dimethylaniline	120	4.887	4.887	0.000	82	12896	0.2000	0.2059	
30 Isophorone	82	5.110	5.110	0.000	98	15485	0.2000	0.1919	
37 1,2,4-Trichlorobenzene	180	5.498	5.498	0.000	92	8621	0.2000	0.1957	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	930719	8.00	8.00	
39 Naphthalene	128	5.569	5.569	0.000	98	23296	0.2000	0.1939	
40 4-Chloroaniline	127	5.634	5.628	0.006	95	8709	0.2000	0.1926	
41 Hexachlorobutadiene	225	5.698	5.698	0.000	95	5758	0.2000	0.2035	
42 Caprolactam	113	5.934	5.940	-0.006	82	1168	0.2000	0.1548	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	82	16209	0.2000	0.1944	
45 1-Methylnaphthalene	142	6.322	6.322	0.000	90	14828	0.2000	0.1910	
48 2-tertbutyl-4-methylphenol	149	6.434	6.440	-0.006	89	10105	0.2000	0.1912	
49 2,4,6-Trichlorophenol	196	6.510	6.510	0.000	89	4954	0.2000	0.1697	
$ 51 2-Fluorobiphenyl	172	6.581	6.581	0.000	98	20558	0.2000	0.1968	
61 2,6-Dinitrotoluene	165	7.016	7.022	-0.006	92	3265	0.2000	0.1677	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	96	514734	8.00	8.00	
67 2,4-Dinitrophenol	184	7.292	7.281	0.011	80	990	0.4000	0.8963	
69 2,4-Dinitrotoluene	165	7.398	7.398	0.000	84	3781	0.2000	0.1547	a
77 4,6-Dinitro-2-methylphenol	198	7.787	7.787	0.000	77	2433	0.4000	0.1746	
$ 80 2,4,6-Tribromophenol	330	7.969	7.969	0.000	92	3010	0.2000	0.1555	
82 Hexachlorobenzene	284	8.263	8.263	0.000	95	6804	0.2000	0.1950	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
83 Atrazine	200	8.357	8.357	0.000	90	3402	0.2000	0.1661	
84 Pentachlorophenol	266	8.457	8.451	0.006	92	3389	0.4000	0.1902	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	858310	8.00	8.00	
94 Pyrene	202	9.981	9.981	0.000	98	20391	0.2000	0.2024	
$ 96 Terphenyl-d14	244	10.133	10.133	0.000	99	15635	0.2000	0.2028	
100 3,3'-Dichlorobenzidine	252	11.198	11.198	0.000	95	6012	0.2000	0.1886	a
101 Benzo[a]anthracene	228	11.216	11.216	0.000	97	17040	0.2000	0.1966	
* 102 Chrysene-d12	240	11.227	11.227	0.000	99	501461	8.00	8.00	
104 Chrysene	228	11.257	11.257	0.000	98	16683	0.2000	0.2010	
103 Bis(2-ethylhexyl) phthalate	149	11.275	11.280	-0.005	87	8160	0.2000	0.1709	
106 Benzo[b]fluoranthene	252	12.557	12.557	0.000	97	15448	0.2000	0.1820	
107 Benzo[k]fluoranthene	252	12.592	12.592	0.000	97	15928	0.2000	0.1778	
108 Benzo[a]pyrene	252	12.998	12.998	0.000	98	12906	0.2000	0.1748	
* 109 Perylene-d12	264	13.080	13.080	0.000	100	584984	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.592	14.598	-0.006	96	18323	0.2000	0.1895	M
111 Dibenz(a,h)anthracene	278	14.633	14.639	-0.006	95	17945	0.2000	0.1904	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL2_LVI_00001 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:19:06 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030102.d

Injection Date: 26-Feb-2021 10:49:30 Instrument ID: CBNAMS14 Operator ID:

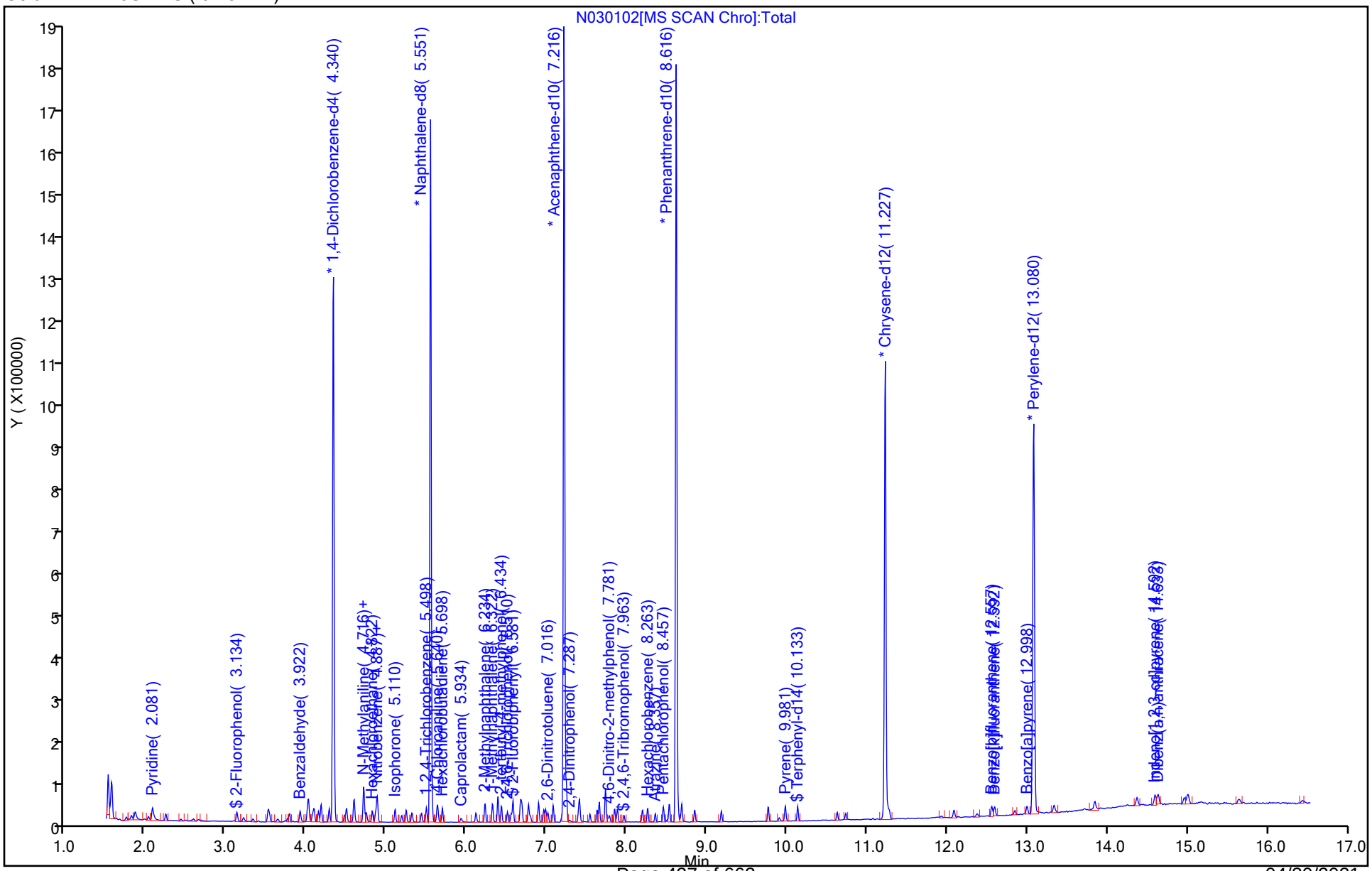
Lims ID: STD02 Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

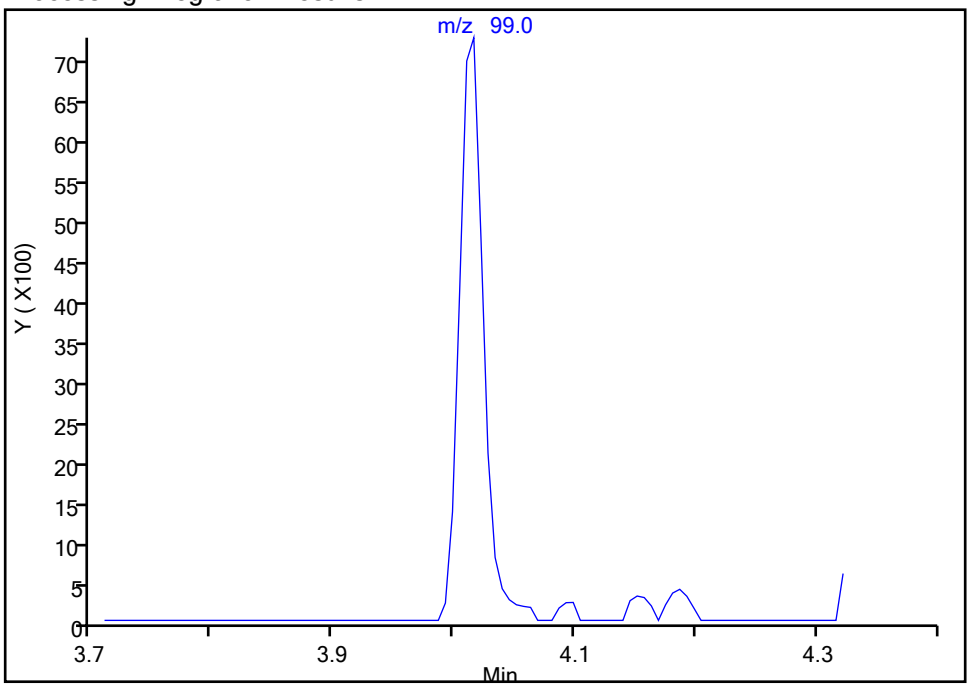
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030102.d
Injection Date: 26-Feb-2021 10:49:30 Instrument ID: CBNAMS14
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 6 Phenol-d5, CAS: 4165-62-2

Signal: 1

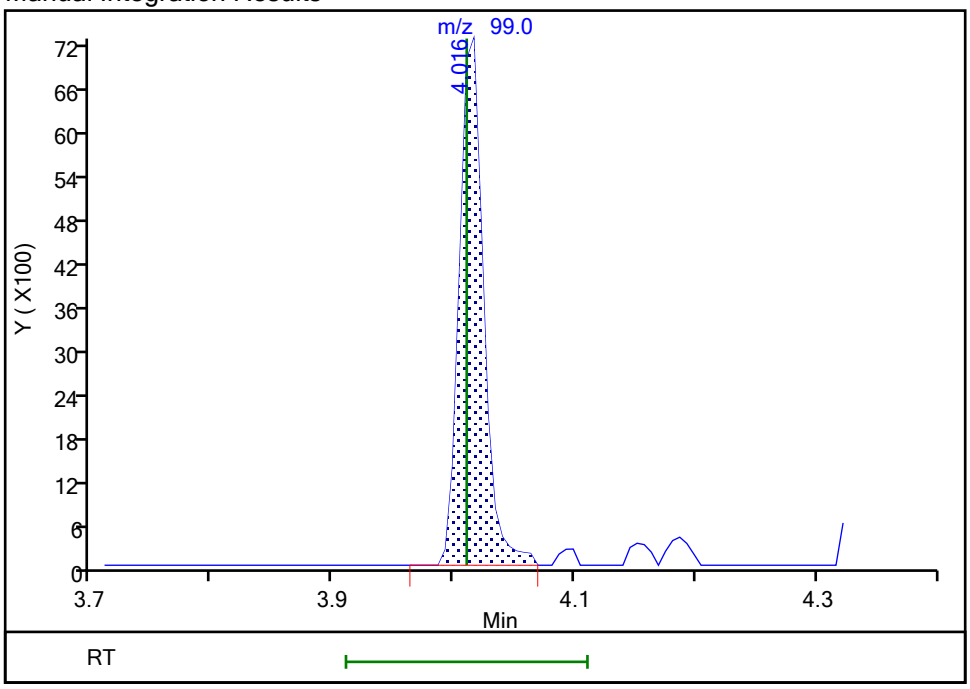
Not Detected
Expected RT: 4.01

Processing Integration Results



Manual Integration Results

RT: 4.02
Area: 10163
Amount: 0.197074
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 11:16:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

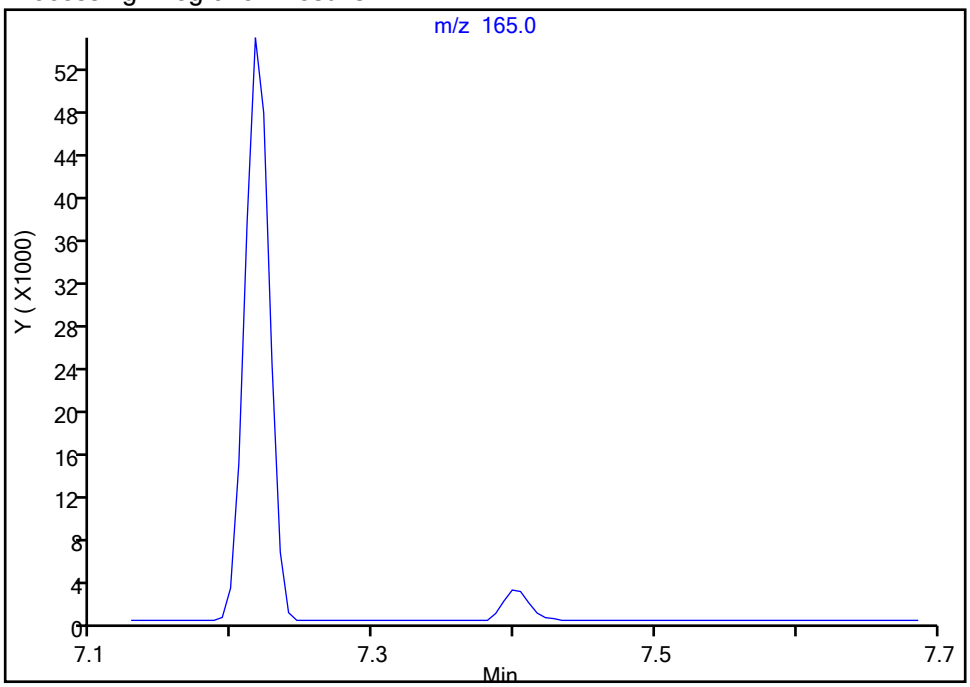
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030102.d
Injection Date: 26-Feb-2021 10:49:30 Instrument ID: CBNAMS14
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

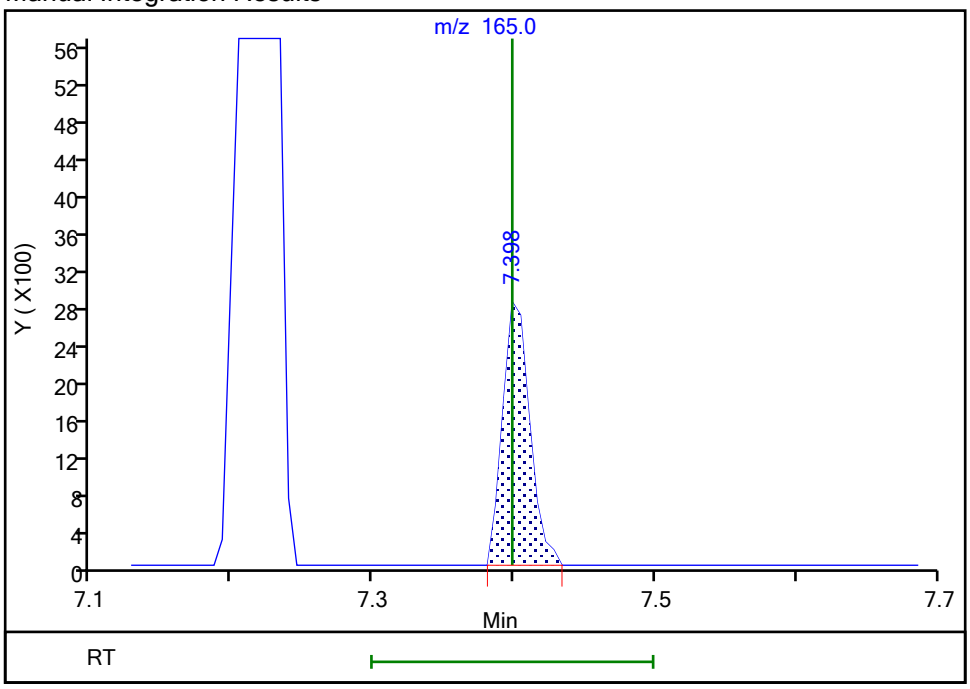
Not Detected
Expected RT: 7.40

Processing Integration Results



Manual Integration Results

RT: 7.40
Area: 3781
Amount: 0.154715
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 11:16:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

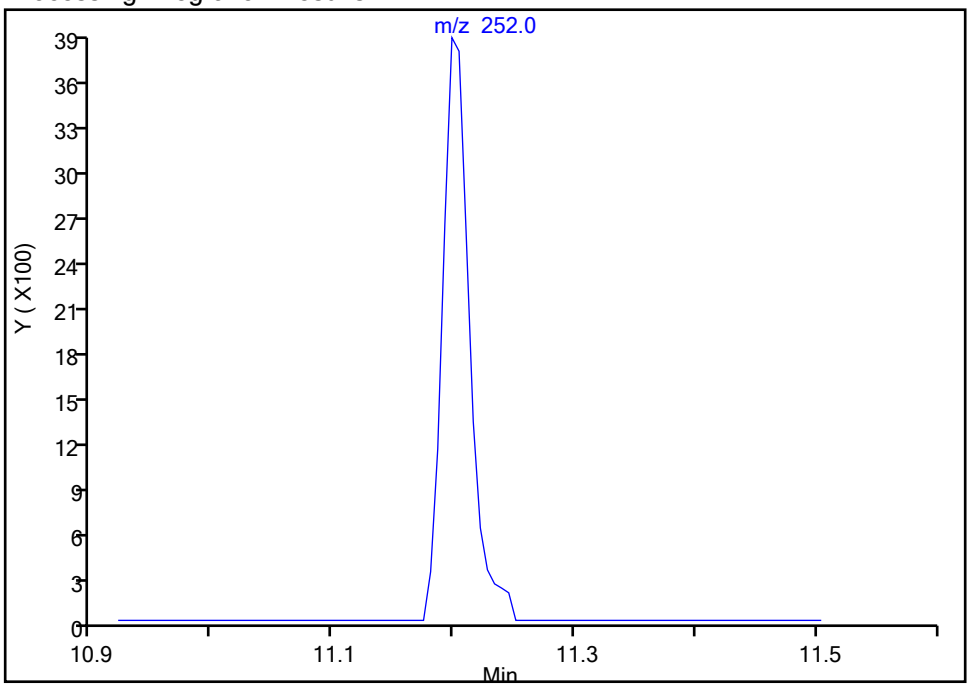
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030102.d
Injection Date: 26-Feb-2021 10:49:30 Instrument ID: CBNAMS14
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

100 3,3'-Dichlorobenzidine, CAS: 91-94-1

Signal: 1

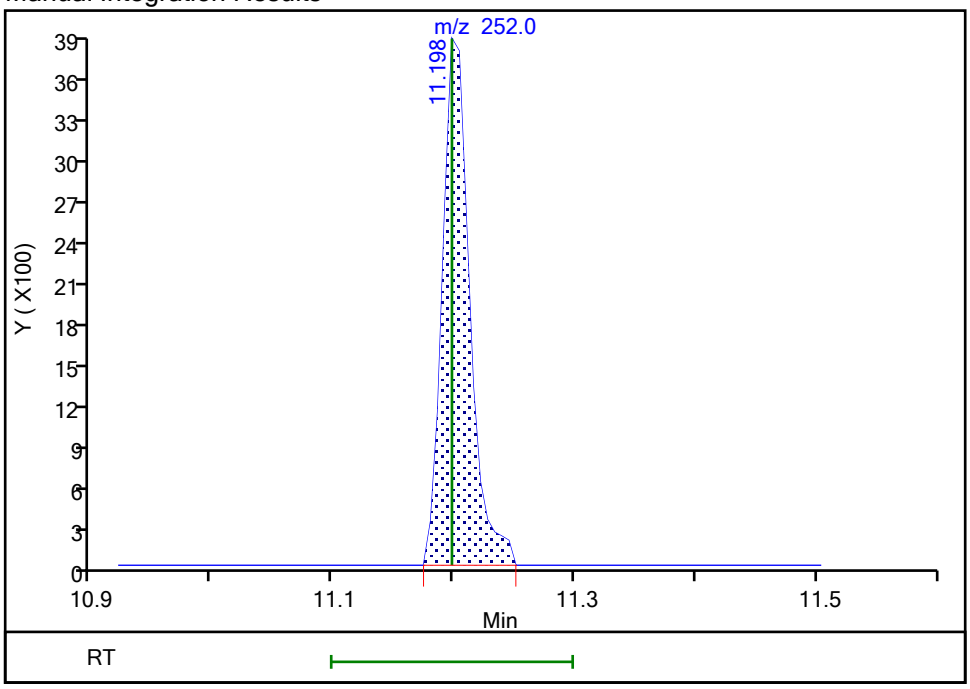
Not Detected
Expected RT: 11.20

Processing Integration Results



Manual Integration Results

RT: 11.20
Area: 6012
Amount: 0.188647
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 11:16:42
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

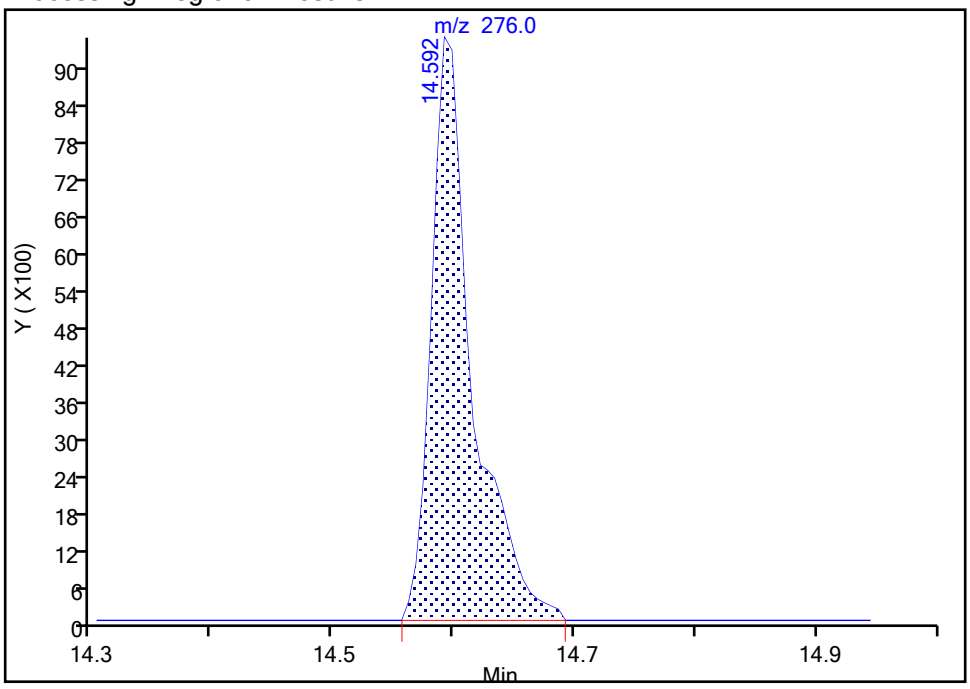
Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030102.d				
Injection Date:	26-Feb-2021 10:49:30	Instrument ID:	CBNAMS14		
Lims ID:	STD02				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

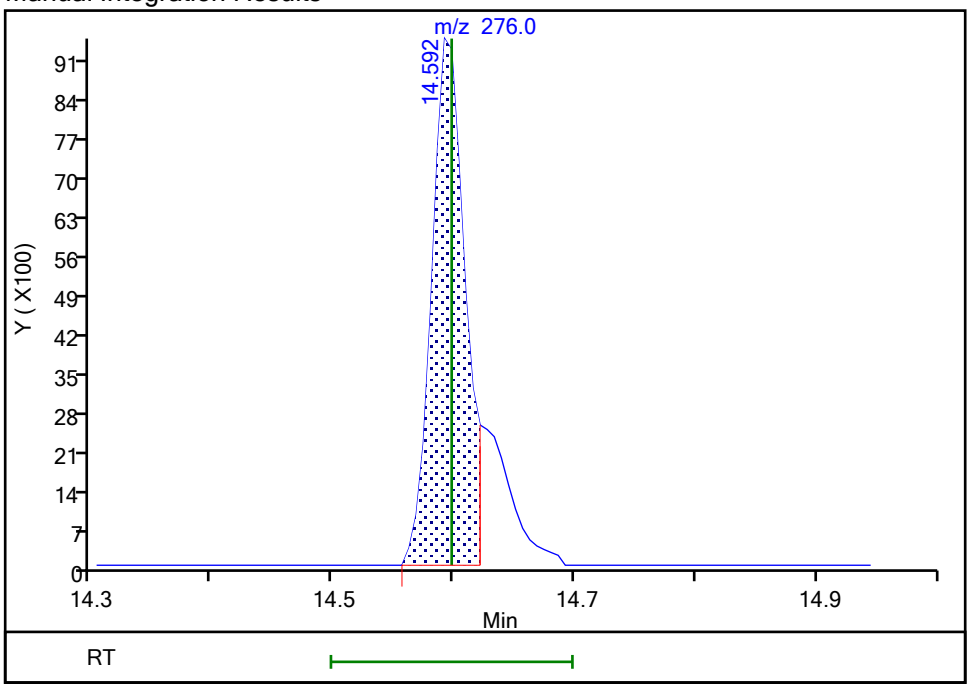
Processing Integration Results

RT: 14.59
Area: 22303
Amount: 0.221562
Amount Units: ug/ml



Manual Integration Results

RT: 14.59
Area: 18323
Amount: 0.189501
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 11:16:55

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 26-Feb-2021 11:10:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-010
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:19:09 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 11:38:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
3 Pyridine	79	2.087	2.058	0.029	74	8041	0.2000	0.1847	
9 Bis(2-chloroethyl)ether	93	4.081	4.075	0.006	90	4570	0.1000	0.0957	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	98	284938	8.00	8.00	
20 N-Methylaniline	106	4.716	4.716	0.000	96	6569	0.1000	0.0917	
22 N-Nitrosodi-n-propylamine	70	4.722	4.722	0.000	81	3387	0.1000	0.0965	
25 Hexachloroethane	117	4.822	4.822	0.000	89	2066	0.1000	0.0966	
$ 27 Nitrobenzene-d5	82	4.869	4.863	0.006	95	5022	0.1000	0.0904	
28 Nitrobenzene	123	4.887	4.881	0.006	82	1746	0.1000	0.0805	
29 n,n'-Dimethylaniline	120	4.887	4.887	0.000	84	7287	0.1000	0.1060	
37 1,2,4-Trichlorobenzene	180	5.498	5.498	0.000	92	4983	0.1000	0.1017	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	1035516	8.00	8.00	
39 Naphthalene	128	5.569	5.569	0.000	98	12759	0.1000	0.0954	
40 4-Chloroaniline	127	5.634	5.628	0.006	93	4437	0.1000	0.0882	
41 Hexachlorobutadiene	225	5.698	5.698	0.000	91	3143	0.1000	0.0998	
$ 51 2-Fluorobiphenyl	172	6.581	6.581	0.000	97	11431	0.1000	0.0996	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	95	565923	8.00	8.00	
67 2,4-Dinitrophenol	184	7.292	7.281	0.011	72	228	0.2000	0.8265	
77 4,6-Dinitro-2-methylphenol	198	7.786	7.787	-0.001	76	1169	0.2000	0.0783	
$ 80 2,4,6-Tribromophenol	330	7.969	7.969	0.000	88	1836	0.1000	0.0862	
82 Hexachlorobenzene	284	8.263	8.263	0.000	93	3378	0.1000	0.0903	
84 Pentachlorophenol	266	8.457	8.451	0.006	84	1367	0.2000	0.0716	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	920160	8.00	8.00	
$ 96 Terphenyl-d14	244	10.133	10.133	0.000	98	8958	0.1000	0.1042	
101 Benzo[a]anthracene	228	11.216	11.216	0.000	96	10754	0.1000	0.1113	
* 102 Chrysene-d12	240	11.227	11.227	0.000	99	559251	8.00	8.00	
106 Benzo[b]fluoranthene	252	12.557	12.557	0.000	98	7911	0.1000	0.0875	
107 Benzo[k]fluoranthene	252	12.592	12.592	0.000	97	8664	0.1000	0.0908	
108 Benzo[a]pyrene	252	12.998	12.998	0.000	97	6814	0.1000	0.0867	
* 109 Perylene-d12	264	13.080	13.080	0.000	99	622814	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.598	14.598	0.000	98	9453	0.1000	0.0918	
111 Dibenz(a,h)anthracene	278	14.633	14.639	-0.006	94	9692	0.1000	0.0966	

QC Flag Legend

Processing Flags

Reagents:

SV_BNAL1_LVI_00001 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:19:11 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Injection Date: 26-Feb-2021 11:10:30 Instrument ID: CBNAMS14 Operator ID:

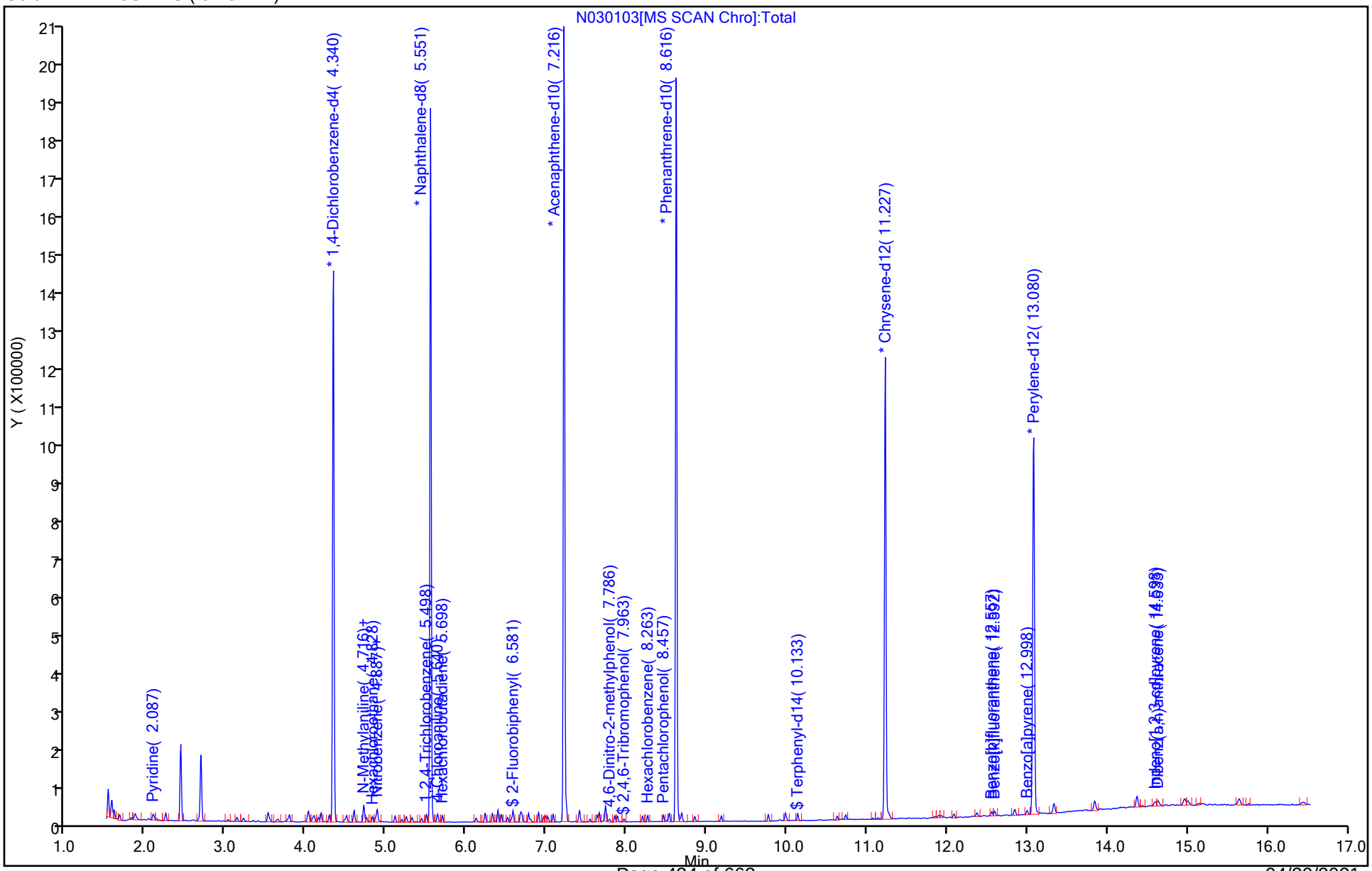
Lims ID: STD01 Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

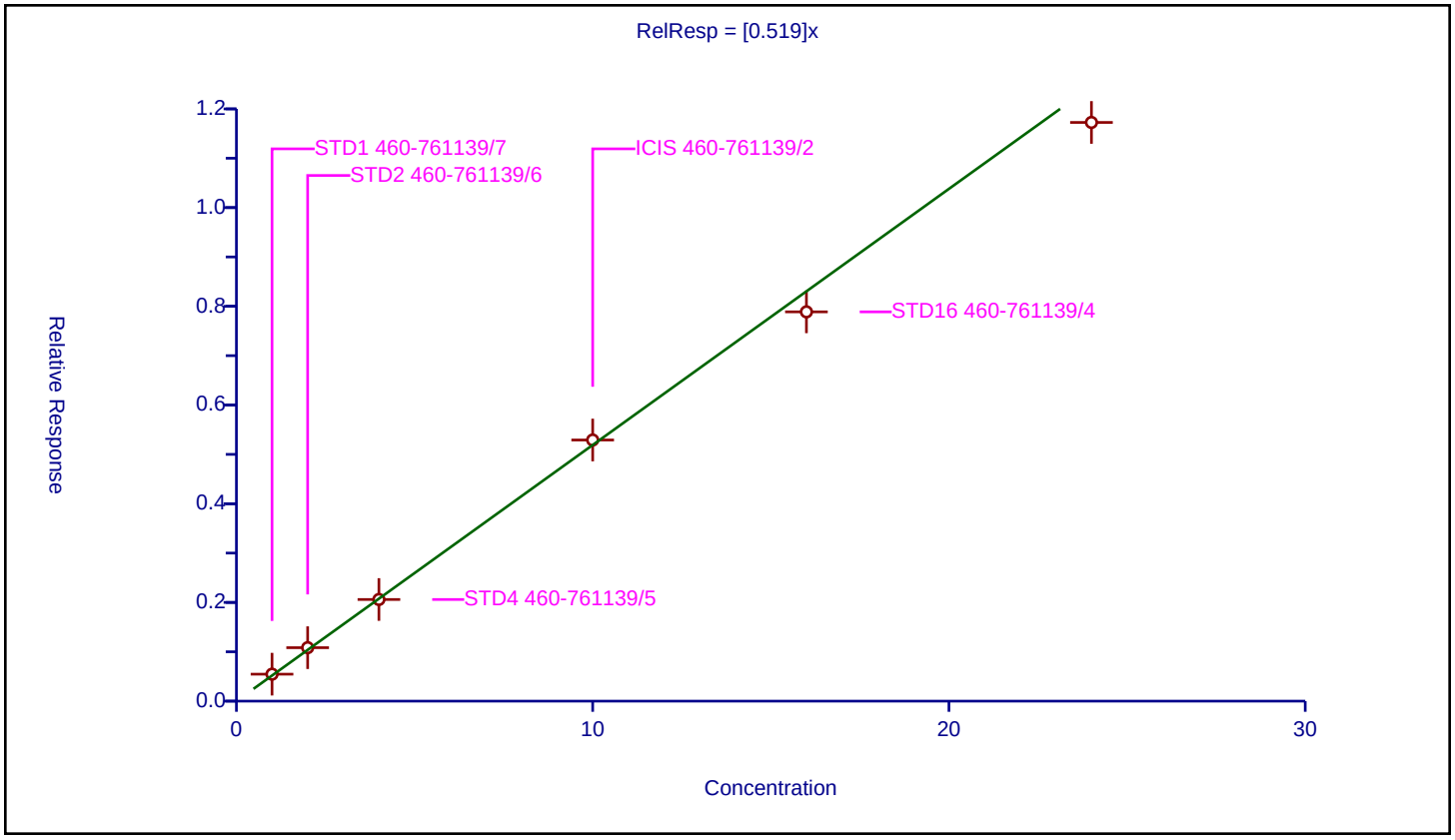
Curve Coefficients

Intercept:	0
Slope:	0.519

Error Coefficients

Standard Error:	250000
Relative Standard Error:	4.7
Correlation Coefficient:	0.962
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.546663	8.0	254826.0	0.546663	Y
2	STD2 460-761139/6	2.0	1.083338	8.0	270032.0	0.541669	Y
3	STD4 460-761139/5	4.0	2.059585	8.0	285875.0	0.514896	Y
4	ICIS 460-761139/2	10.0	5.291156	8.0	307653.0	0.529116	Y
5	STD16 460-761139/4	16.0	7.887652	8.0	343717.0	0.492978	Y
6	STD24 460-761139/3	24.0	11.725314	8.0	263486.0	0.488555	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

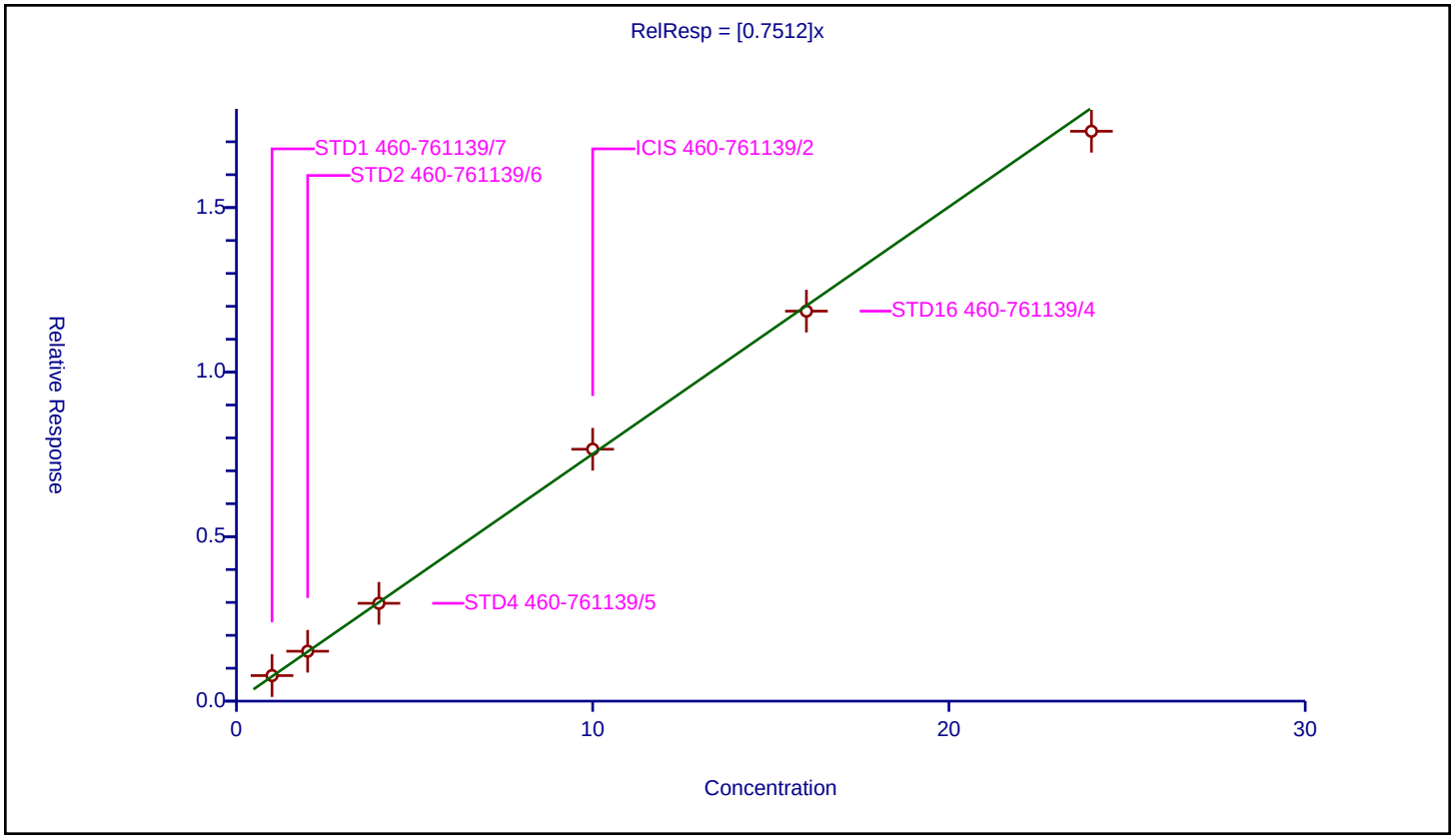
Curve Coefficients

Intercept:	0
Slope:	0.7512

Error Coefficients

Standard Error:	370000
Relative Standard Error:	2.6
Correlation Coefficient:	0.958
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.777032	8.0	254826.0	0.777032	Y
2	STD2 460-761139/6	2.0	1.516768	8.0	270032.0	0.758384	Y
3	STD4 460-761139/5	4.0	2.973495	8.0	285875.0	0.743374	Y
4	ICIS 460-761139/2	10.0	7.656704	8.0	307653.0	0.76567	Y
5	STD16 460-761139/4	16.0	11.853356	8.0	343717.0	0.740835	Y
6	STD24 460-761139/3	24.0	17.320207	8.0	263486.0	0.721675	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

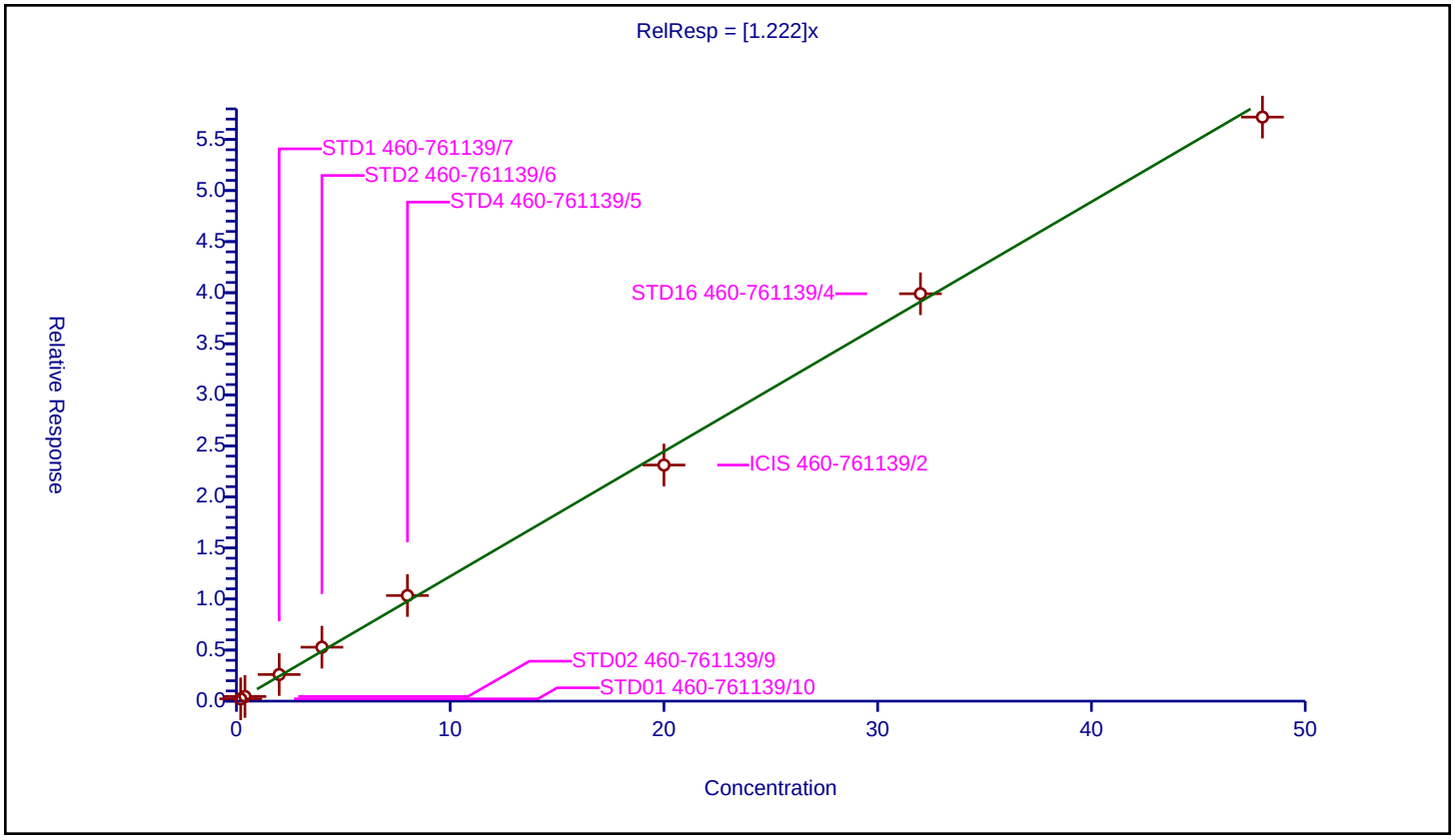
Curve Coefficients

Intercept:	0
Slope:	1.222

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	6.4
Correlation Coefficient:	0.966
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.2	0.225761	8.0	284938.0	1.128807	Y
2	STD02 460-761139/9	0.4	0.455773	8.0	259708.0	1.139434	Y
3	STD1 460-761139/7	2.0	2.606045	8.0	254826.0	1.303022	Y
4	STD2 460-761139/6	4.0	5.284174	8.0	270032.0	1.321043	Y
5	STD4 460-761139/5	8.0	10.34385	8.0	285875.0	1.292981	Y
6	ICIS 460-761139/2	20.0	23.121192	8.0	307653.0	1.15606	Y
7	STD16 460-761139/4	32.0	39.897823	8.0	343717.0	1.246807	Y
8	STD24 460-761139/3	48.0	57.195509	8.0	263486.0	1.191573	Y



Calibration / 2-Fluorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

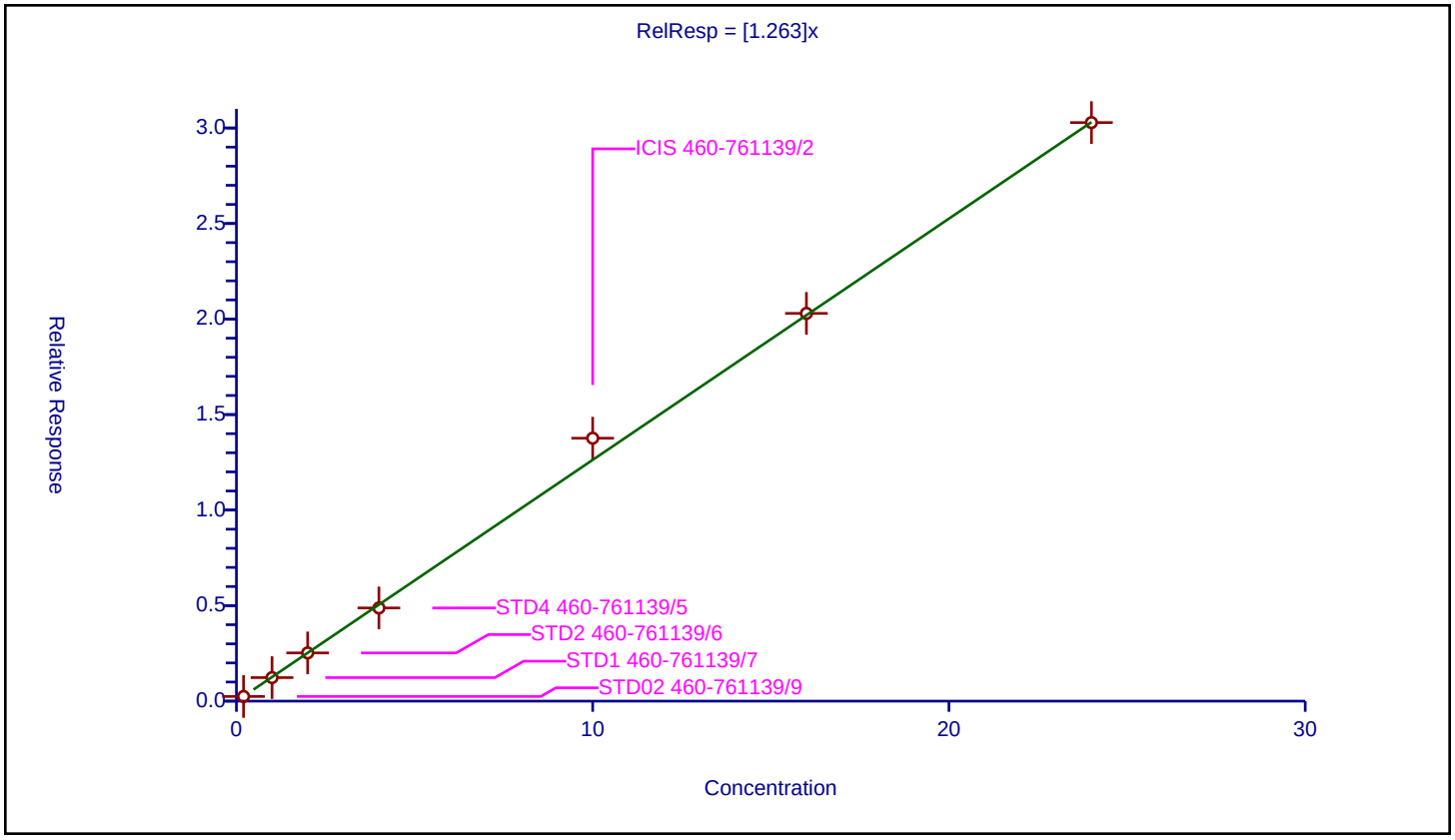
Curve Coefficients

Intercept:	0
Slope:	1.263

Error Coefficients

Standard Error:	588000
Relative Standard Error:	4.3
Correlation Coefficient:	0.967
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.243997	8.0	259708.0	1.219986	Y
2	STD1 460-761139/7	1.0	1.23146	8.0	254826.0	1.23146	Y
3	STD2 460-761139/6	2.0	2.523671	8.0	270032.0	1.261836	Y
4	STD4 460-761139/5	4.0	4.877013	8.0	285875.0	1.219253	Y
5	ICIS 460-761139/2	10.0	13.762622	8.0	307653.0	1.376262	Y
6	STD16 460-761139/4	16.0	20.295976	8.0	343717.0	1.268499	Y
7	STD24 460-761139/3	24.0	30.283567	8.0	263486.0	1.261815	Y



Calibration / Benzaldehyde

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

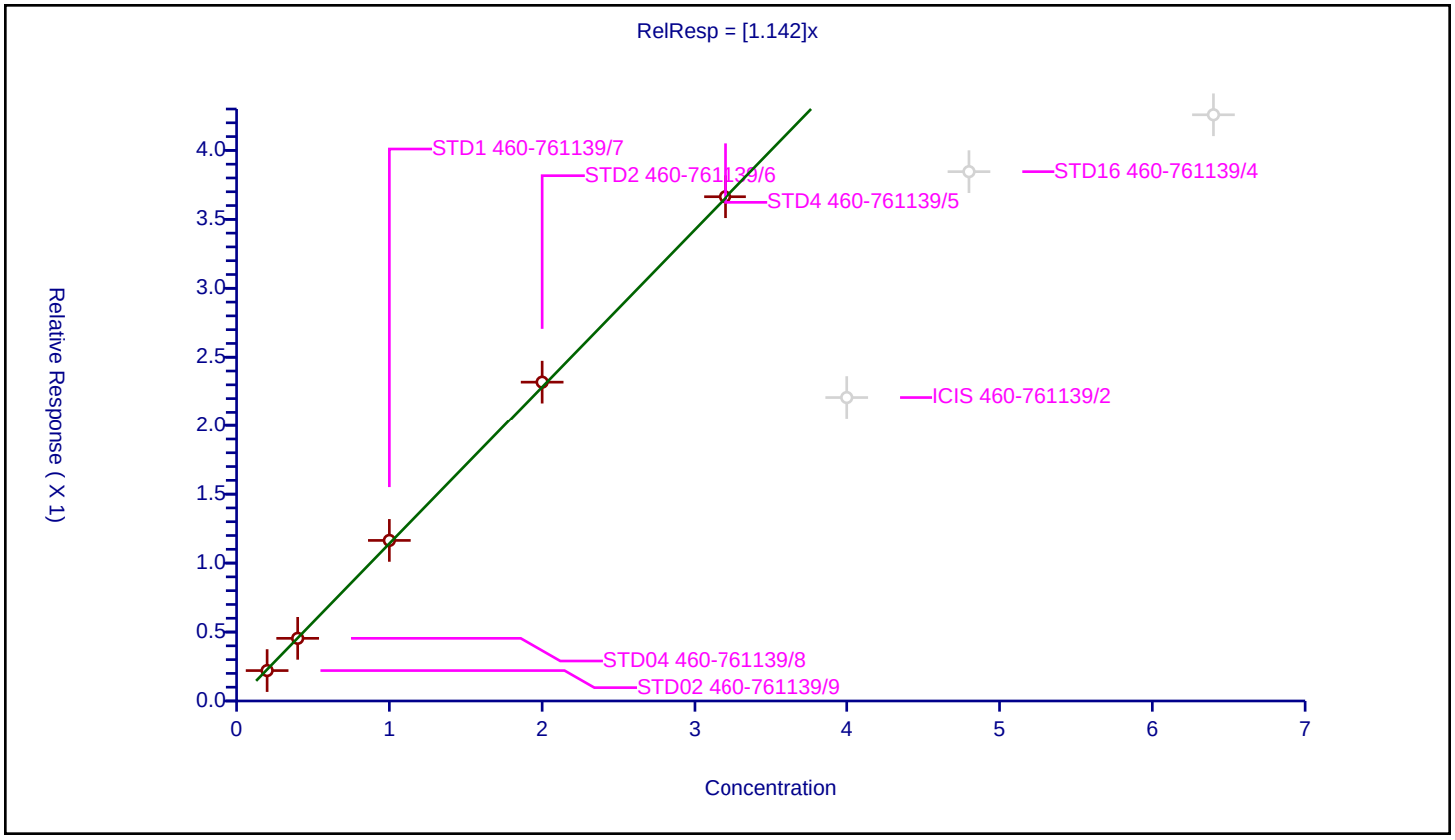
Curve Coefficients

Intercept:	0
Slope:	1.142

Error Coefficients

Standard Error:	79000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.220617	8.0	259708.0	1.103085	Y
2	STD04 460-761139/8	0.4	0.454407	8.0	290682.0	1.136018	Y
3	STD1 460-761139/7	1.0	1.16434	8.0	254826.0	1.16434	Y
4	STD2 460-761139/6	2.0	2.31931	8.0	270032.0	1.159655	Y
5	STD4 460-761139/5	3.2	3.663979	8.0	285875.0	1.144993	Y
6	ICIS 460-761139/2	4.0	2.207708	8.0	307653.0	0.551927	N
7	STD16 460-761139/4	4.8	3.845675	8.0	343717.0	0.801182	N
8	STD24 460-761139/3	6.4	4.258139	8.0	263486.0	0.665334	N



Calibration / Phenol-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

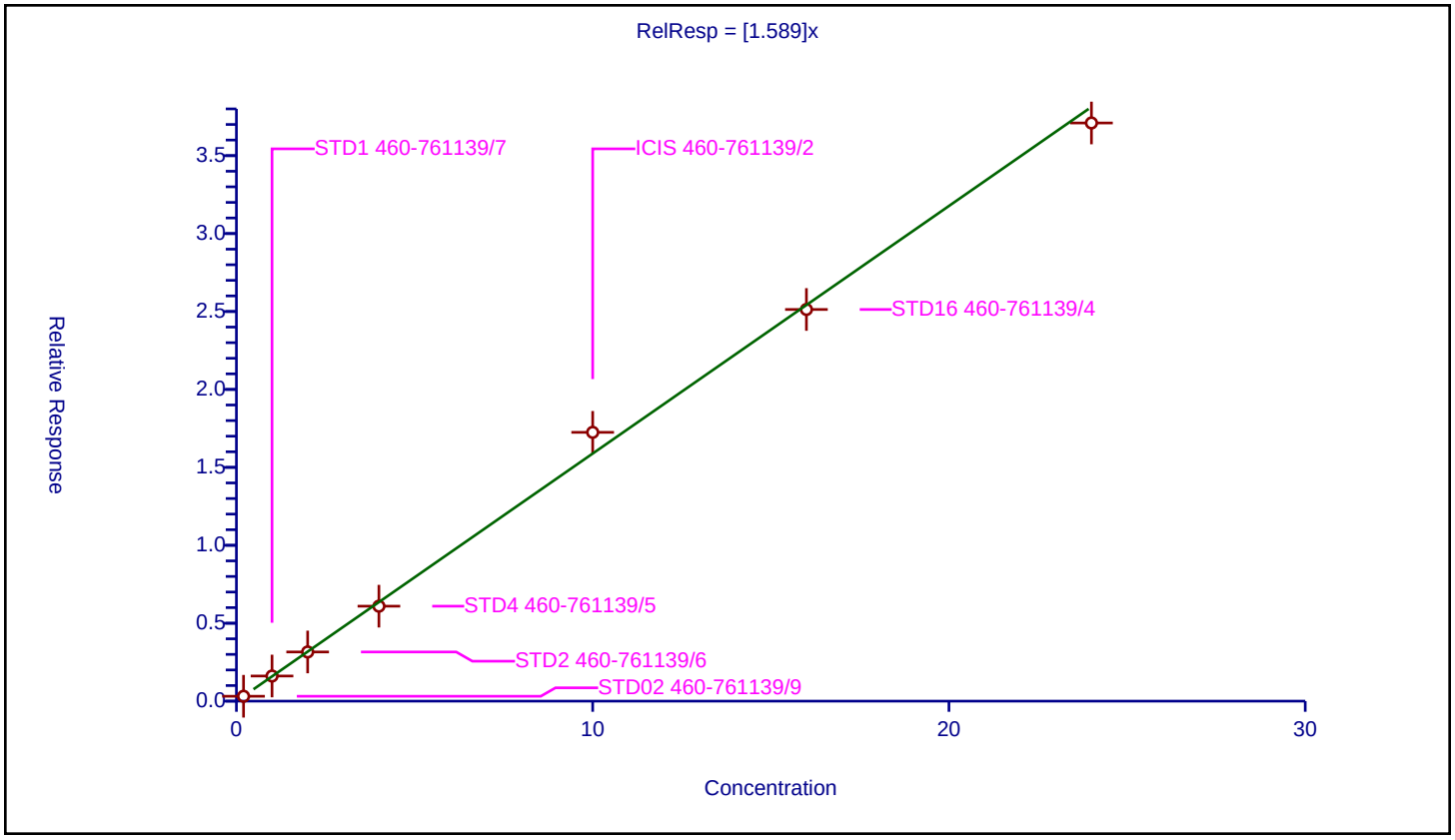
Curve Coefficients

Intercept:	0
Slope:	1.589

Error Coefficients

Standard Error:	726000
Relative Standard Error:	4.2
Correlation Coefficient:	0.964
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.313059	8.0	259708.0	1.565296	Y
2	STD1 460-761139/7	1.0	1.612457	8.0	254826.0	1.612457	Y
3	STD2 460-761139/6	2.0	3.155715	8.0	270032.0	1.577857	Y
4	STD4 460-761139/5	4.0	6.093041	8.0	285875.0	1.52326	Y
5	ICIS 460-761139/2	10.0	17.246573	8.0	307653.0	1.724657	Y
6	STD16 460-761139/4	16.0	25.129534	8.0	343717.0	1.570596	Y
7	STD24 460-761139/3	24.0	37.095739	8.0	263486.0	1.545656	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

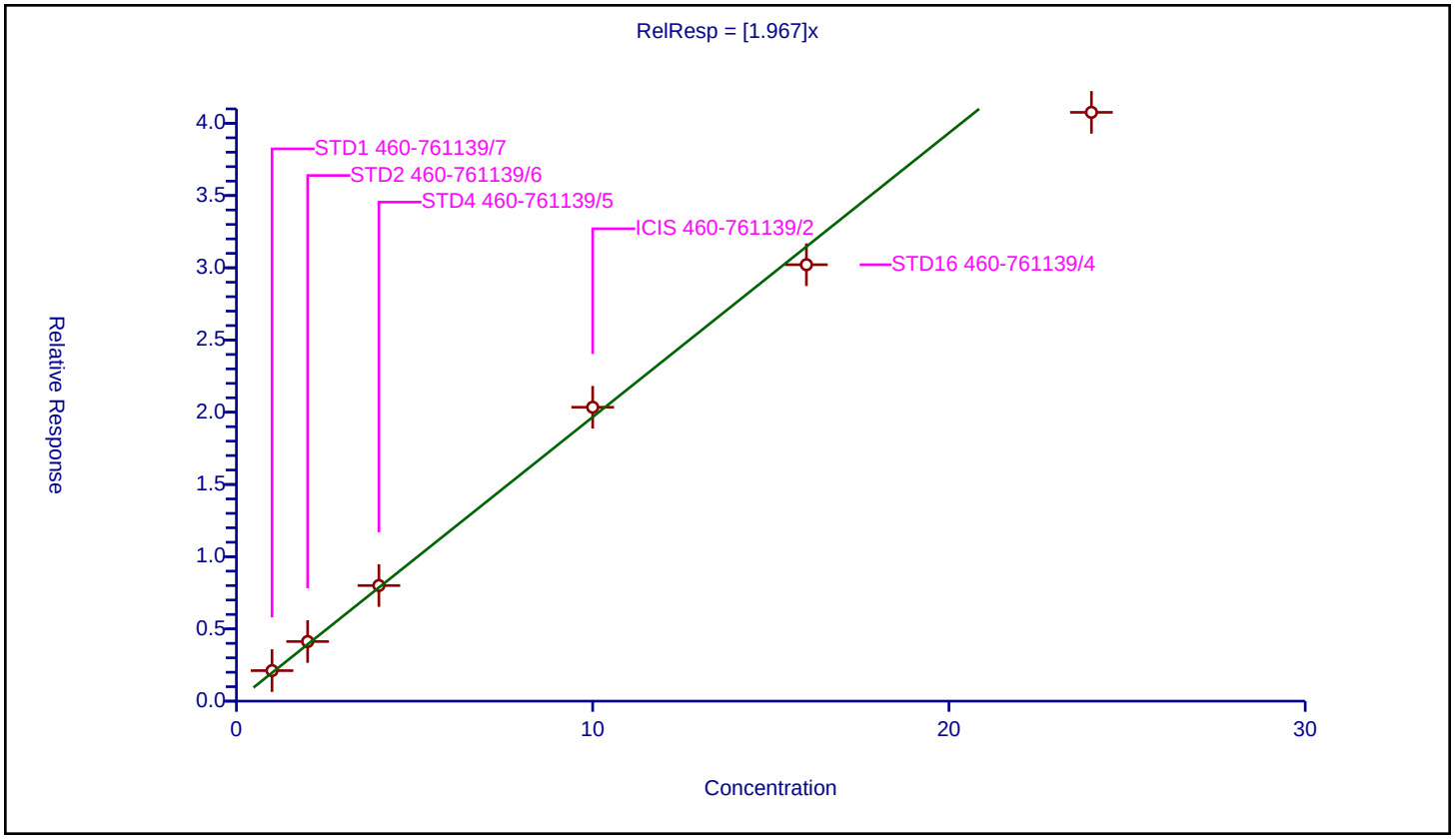
Curve Coefficients

Intercept:	0
Slope:	1.967

Error Coefficients

Standard Error:	917000
Relative Standard Error:	7.7
Correlation Coefficient:	0.928
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	2.114007	8.0	254826.0	2.114007	Y
2	STD2 460-761139/6	2.0	4.126741	8.0	270032.0	2.06337	Y
3	STD4 460-761139/5	4.0	8.003582	8.0	285875.0	2.000895	Y
4	ICIS 460-761139/2	10.0	20.346429	8.0	307653.0	2.034643	Y
5	STD16 460-761139/4	16.0	30.214135	8.0	343717.0	1.888383	Y
6	STD24 460-761139/3	24.0	40.759661	8.0	263486.0	1.698319	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

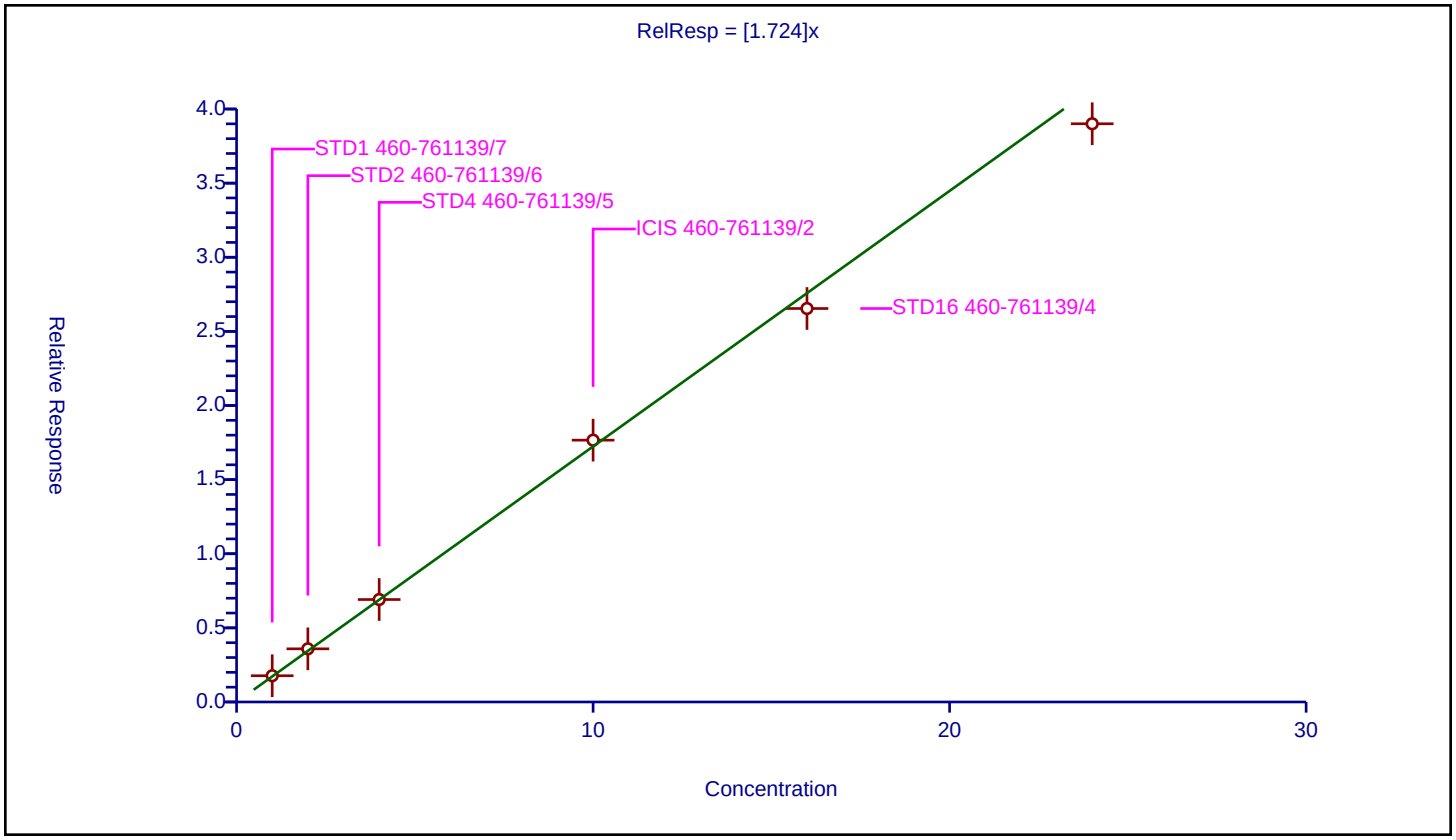
Curve Coefficients

Intercept:	0
Slope:	1.724

Error Coefficients

Standard Error:	836000
Relative Standard Error:	3.9
Correlation Coefficient:	0.959
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.770965	8.0	254826.0	1.770965	Y
2	STD2 460-761139/6	2.0	3.586864	8.0	270032.0	1.793432	Y
3	STD4 460-761139/5	4.0	6.911552	8.0	285875.0	1.727888	Y
4	ICIS 460-761139/2	10.0	17.661352	8.0	307653.0	1.766135	Y
5	STD16 460-761139/4	16.0	26.542138	8.0	343717.0	1.658884	Y
6	STD24 460-761139/3	24.0	39.005974	8.0	263486.0	1.625249	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

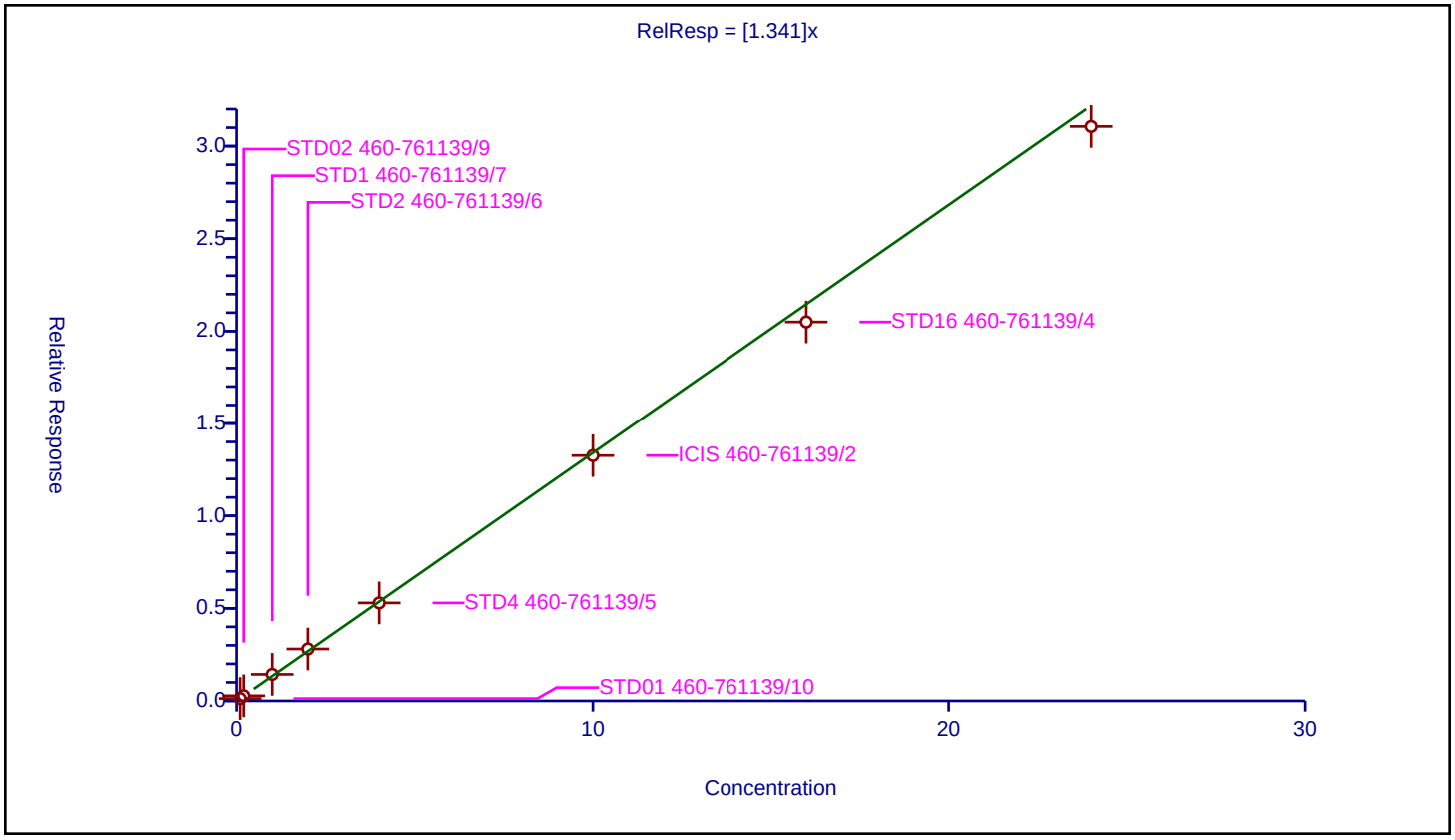
Curve Coefficients

Intercept:	0
Slope:	1.341

Error Coefficients

Standard Error:	552000
Relative Standard Error:	4.3
Correlation Coefficient:	0.976
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.128309	8.0	284938.0	1.283086	Y
2	STD02 460-761139/9	0.2	0.277327	8.0	259708.0	1.386634	Y
3	STD1 460-761139/7	1.0	1.432601	8.0	254826.0	1.432601	Y
4	STD2 460-761139/6	2.0	2.803668	8.0	270032.0	1.401834	Y
5	STD4 460-761139/5	4.0	5.293502	8.0	285875.0	1.323376	Y
6	ICIS 460-761139/2	10.0	13.26315	8.0	307653.0	1.326315	Y
7	STD16 460-761139/4	16.0	20.497793	8.0	343717.0	1.281112	Y
8	STD24 460-761139/3	24.0	31.064391	8.0	263486.0	1.29435	Y



Calibration / 2-Chlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

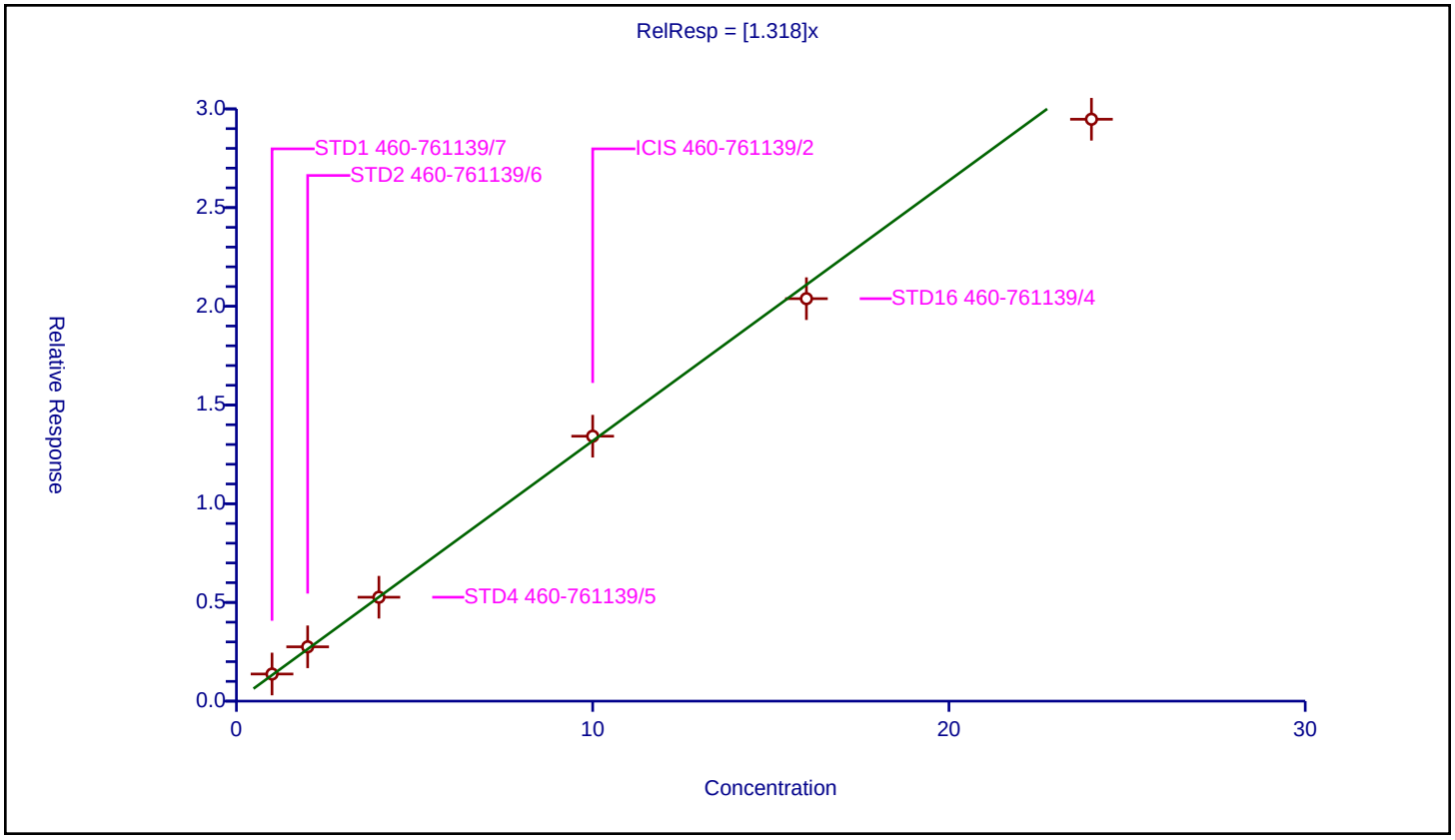
Curve Coefficients

Intercept:	0
Slope:	1.318

Error Coefficients

Standard Error:	636000
Relative Standard Error:	4.4
Correlation Coefficient:	0.954
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.37358	8.0	254826.0	1.37358	Y
2	STD2 460-761139/6	2.0	2.751289	8.0	270032.0	1.375644	Y
3	STD4 460-761139/5	4.0	5.263	8.0	285875.0	1.31575	Y
4	ICIS 460-761139/2	10.0	13.420366	8.0	307653.0	1.342037	Y
5	STD16 460-761139/4	16.0	20.387447	8.0	343717.0	1.274215	Y
6	STD24 460-761139/3	24.0	29.475782	8.0	263486.0	1.228158	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

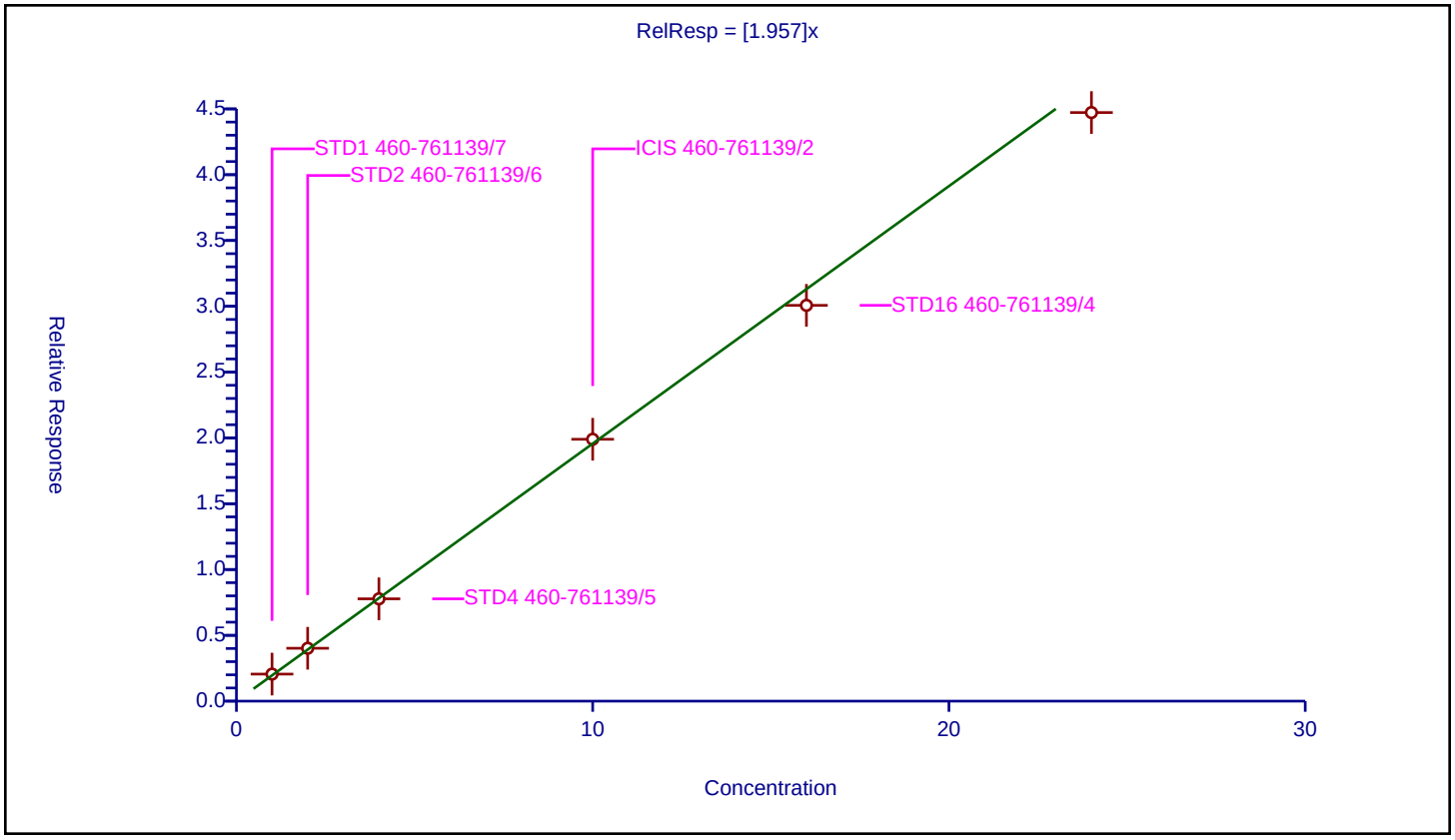
Curve Coefficients

Intercept:	0
Slope:	1.957

Error Coefficients

Standard Error:	951000
Relative Standard Error:	3.8
Correlation Coefficient:	0.963
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	2.054892	8.0	254826.0	2.054892	Y
2	STD2 460-761139/6	2.0	4.017272	8.0	270032.0	2.008636	Y
3	STD4 460-761139/5	4.0	7.773104	8.0	285875.0	1.943276	Y
4	ICIS 460-761139/2	10.0	19.897274	8.0	307653.0	1.989727	Y
5	STD16 460-761139/4	16.0	30.072251	8.0	343717.0	1.879516	Y
6	STD24 460-761139/3	24.0	44.721921	8.0	263486.0	1.863413	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

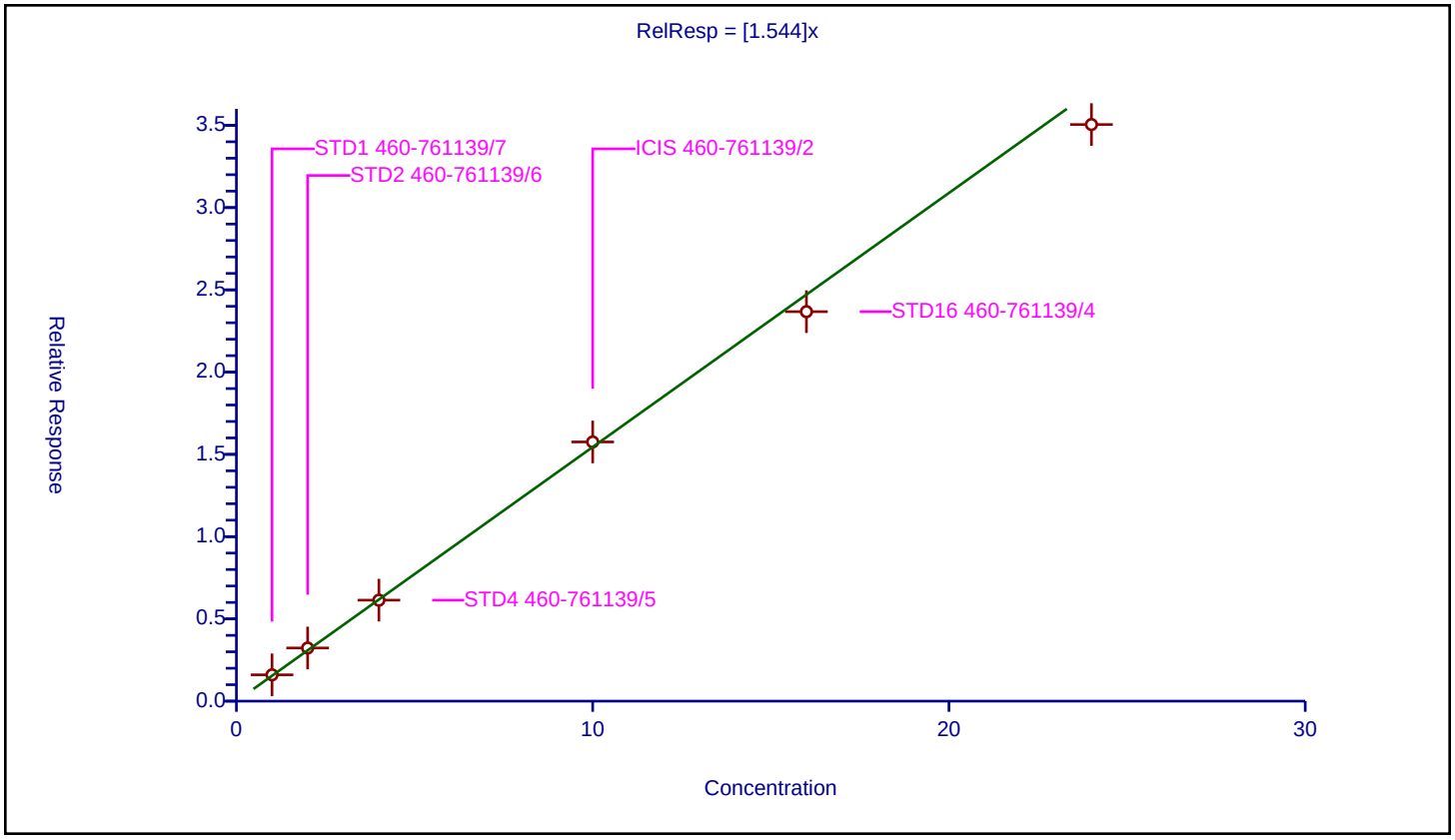
Curve Coefficients

Intercept:	0
Slope:	1.544

Error Coefficients

Standard Error:	748000
Relative Standard Error:	4.2
Correlation Coefficient:	0.961
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.601093	8.0	254826.0	1.601093	Y
2	STD2 460-761139/6	2.0	3.230936	8.0	270032.0	1.615468	Y
3	STD4 460-761139/5	4.0	6.139047	8.0	285875.0	1.534762	Y
4	ICIS 460-761139/2	10.0	15.754919	8.0	307653.0	1.575492	Y
5	STD16 460-761139/4	16.0	23.674919	8.0	343717.0	1.479682	Y
6	STD24 460-761139/3	24.0	35.048693	8.0	263486.0	1.460362	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

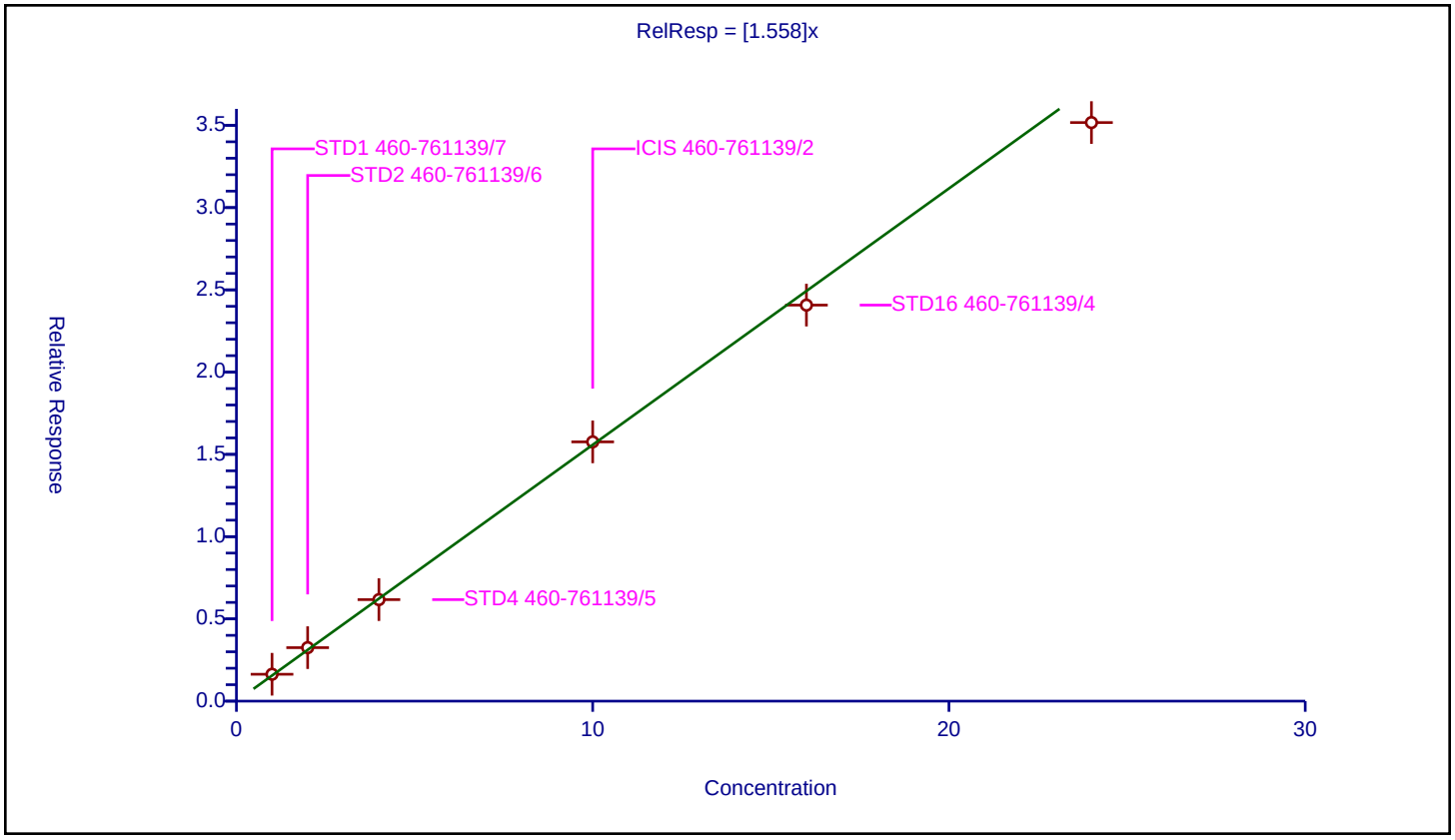
Curve Coefficients

Intercept:	0
Slope:	1.558

Error Coefficients

Standard Error:	754000
Relative Standard Error:	4.3
Correlation Coefficient:	0.958
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.634276	8.0	254826.0	1.634276	Y
2	STD2 460-761139/6	2.0	3.252326	8.0	270032.0	1.626163	Y
3	STD4 460-761139/5	4.0	6.170193	8.0	285875.0	1.542548	Y
4	ICIS 460-761139/2	10.0	15.759183	8.0	307653.0	1.575918	Y
5	STD16 460-761139/4	16.0	24.073246	8.0	343717.0	1.504578	Y
6	STD24 460-761139/3	24.0	35.169747	8.0	263486.0	1.465406	Y



Calibration / Benzyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

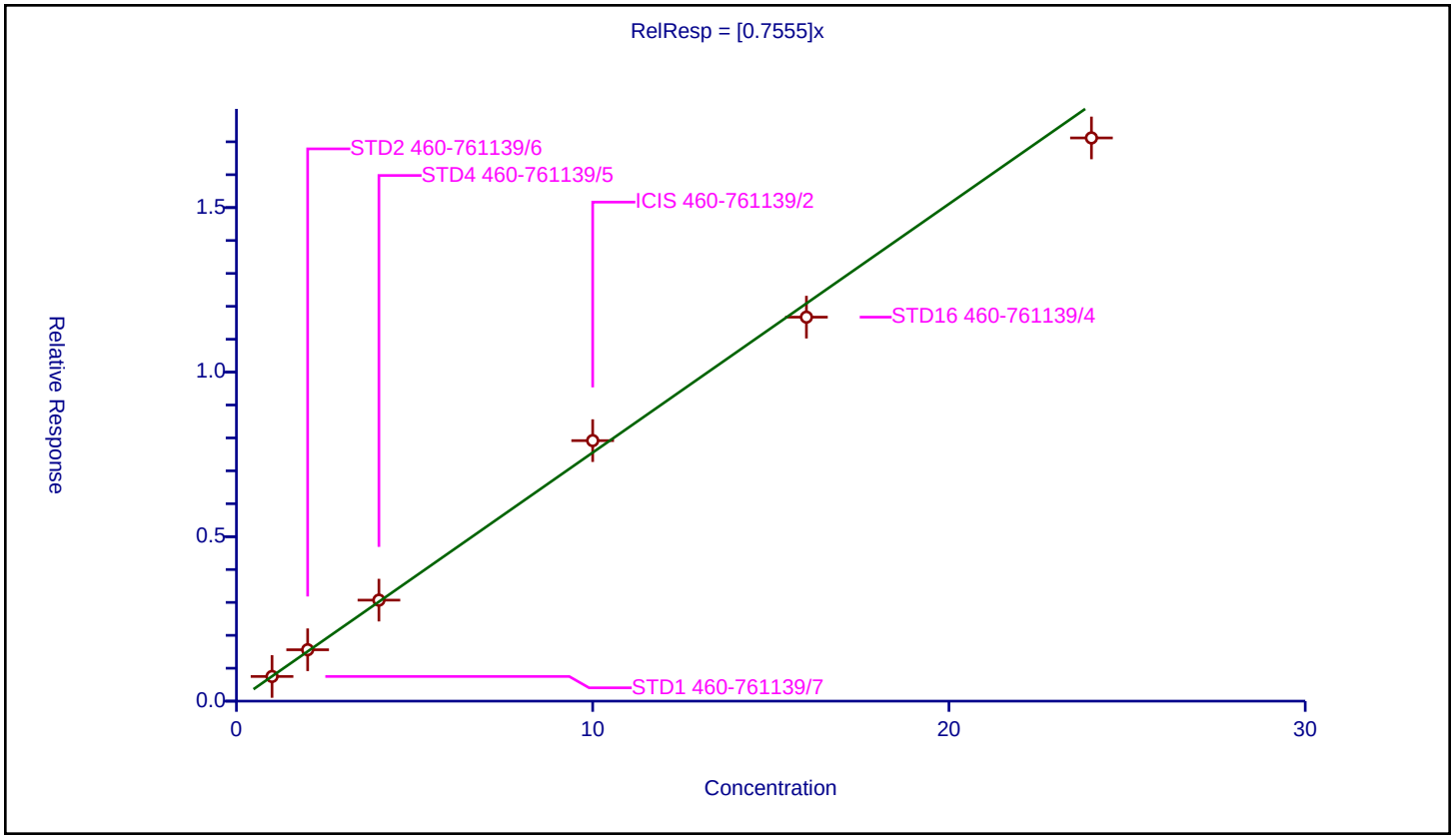
Curve Coefficients

Intercept:	0
Slope:	0.7555

Error Coefficients

Standard Error:	368000
Relative Standard Error:	4.0
Correlation Coefficient:	0.957
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.75019	8.0	254826.0	0.75019	Y
2	STD2 460-761139/6	2.0	1.561859	8.0	270032.0	0.78093	Y
3	STD4 460-761139/5	4.0	3.069957	8.0	285875.0	0.767489	Y
4	ICIS 460-761139/2	10.0	7.91796	8.0	307653.0	0.791796	Y
5	STD16 460-761139/4	16.0	11.670927	8.0	343717.0	0.729433	Y
6	STD24 460-761139/3	24.0	17.117722	8.0	263486.0	0.713238	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

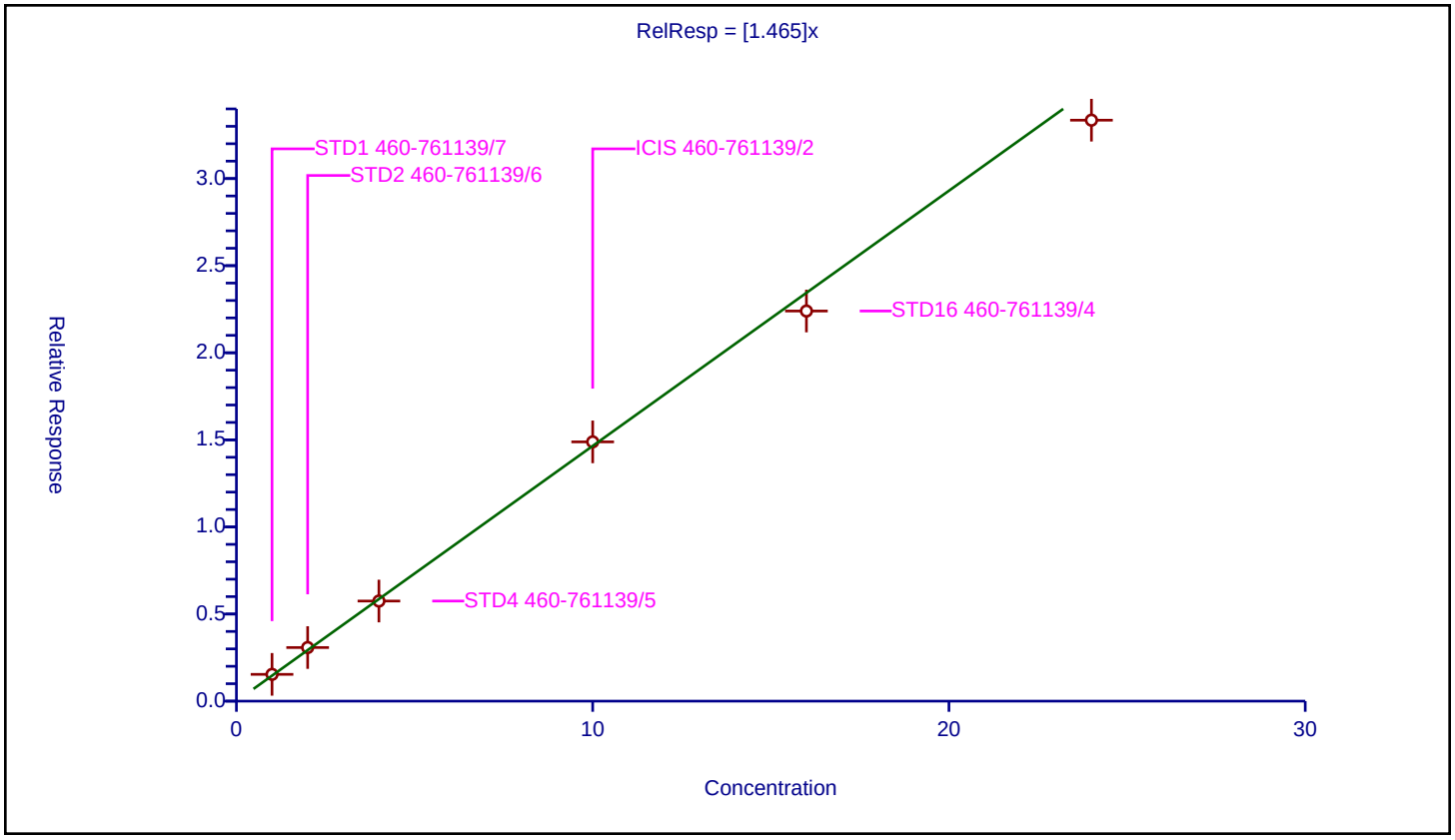
Curve Coefficients

Intercept:	0
Slope:	1.465

Error Coefficients

Standard Error:	709000
Relative Standard Error:	4.5
Correlation Coefficient:	0.963
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.537206	8.0	254826.0	1.537206	Y
2	STD2 460-761139/6	2.0	3.077058	8.0	270032.0	1.538529	Y
3	STD4 460-761139/5	4.0	5.746512	8.0	285875.0	1.436628	Y
4	ICIS 460-761139/2	10.0	14.883807	8.0	307653.0	1.488381	Y
5	STD16 460-761139/4	16.0	22.396169	8.0	343717.0	1.399761	Y
6	STD24 460-761139/3	24.0	33.351905	8.0	263486.0	1.389663	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

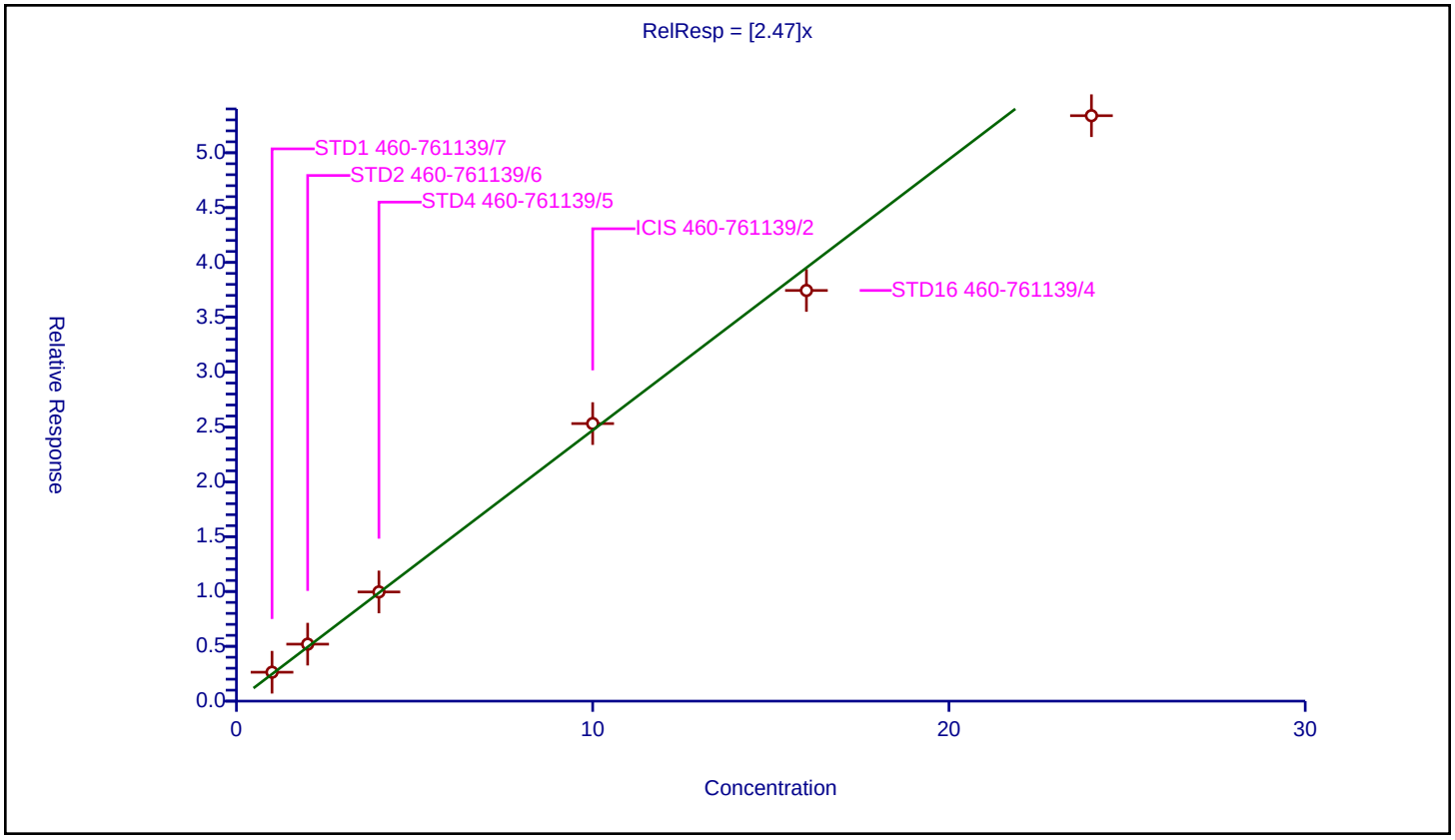
Curve Coefficients

Intercept:	0
Slope:	2.47

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	6.4
Correlation Coefficient:	0.948
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	2.637219	8.0	254826.0	2.637219	Y
2	STD2 460-761139/6	2.0	5.194792	8.0	270032.0	2.597396	Y
3	STD4 460-761139/5	4.0	9.956603	8.0	285875.0	2.489151	Y
4	ICIS 460-761139/2	10.0	25.307915	8.0	307653.0	2.530792	Y
5	STD16 460-761139/4	16.0	37.444735	8.0	343717.0	2.340296	Y
6	STD24 460-761139/3	24.0	53.381083	8.0	263486.0	2.224212	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

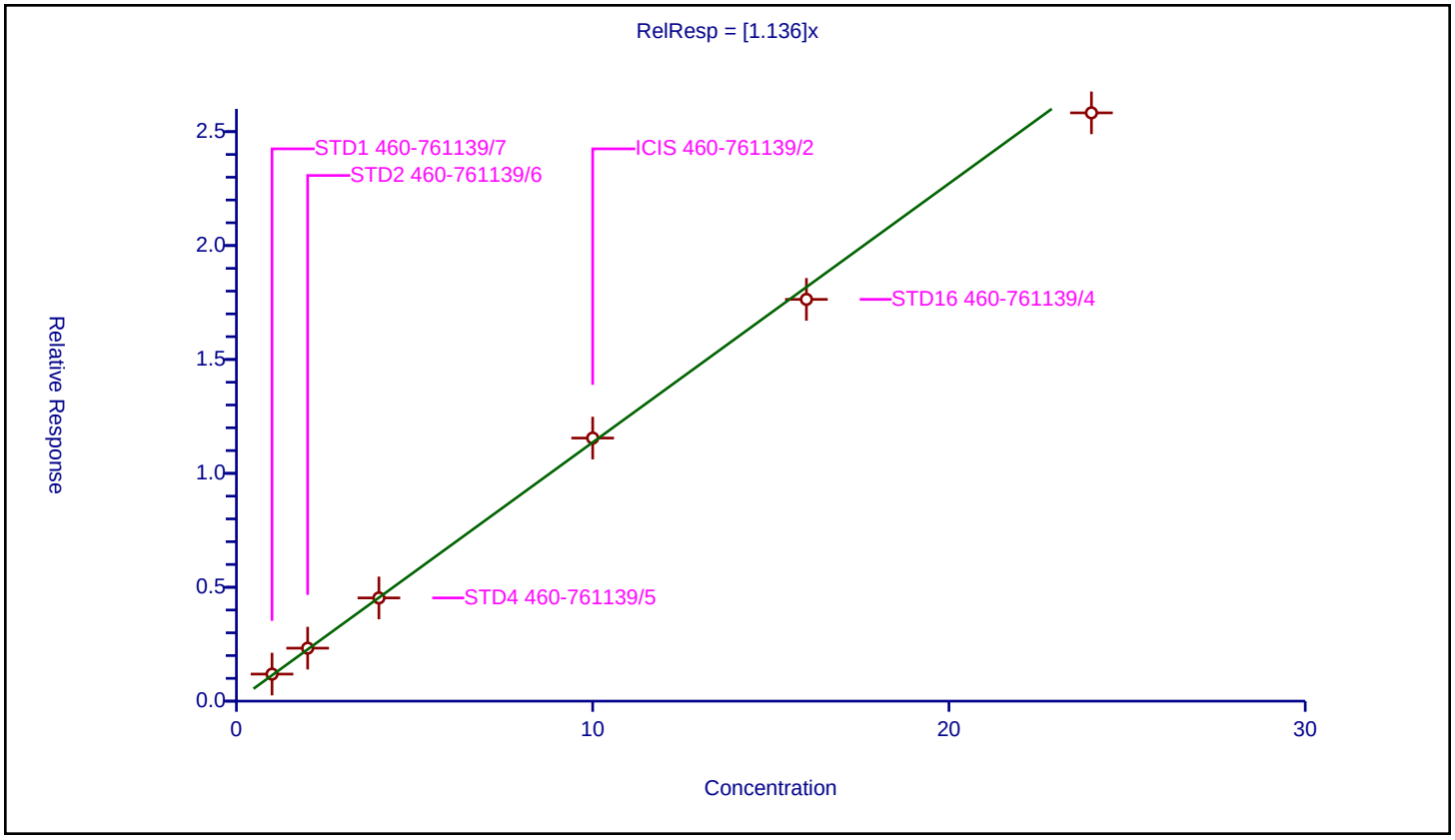
Curve Coefficients

Intercept:	0
Slope:	1.136

Error Coefficients

Standard Error:	553000
Relative Standard Error:	3.6
Correlation Coefficient:	0.958
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.186912	8.0	254826.0	1.186912	Y
2	STD2 460-761139/6	2.0	2.326154	8.0	270032.0	1.163077	Y
3	STD4 460-761139/5	4.0	4.531267	8.0	285875.0	1.132817	Y
4	ICIS 460-761139/2	10.0	11.549323	8.0	307653.0	1.154932	Y
5	STD16 460-761139/4	16.0	17.638045	8.0	343717.0	1.102378	Y
6	STD24 460-761139/3	24.0	25.825767	8.0	263486.0	1.076074	Y



Calibration / N-Methylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

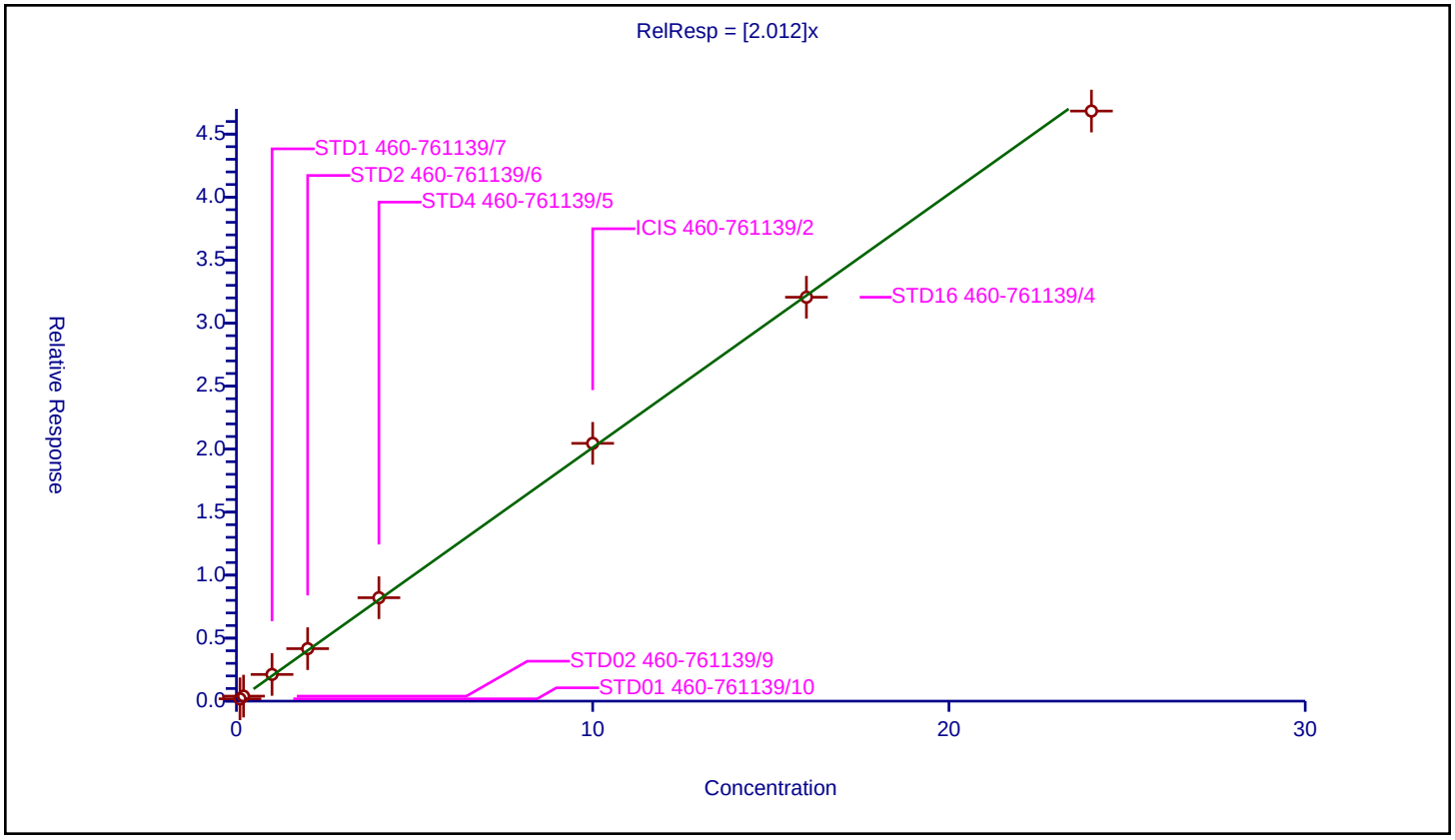
Curve Coefficients

Intercept:	0
Slope:	2.012

Error Coefficients

Standard Error:	846000
Relative Standard Error:	4.3
Correlation Coefficient:	0.969
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.184433	8.0	284938.0	1.844331	Y
2	STD02 460-761139/9	0.2	0.399279	8.0	259708.0	1.996396	Y
3	STD1 460-761139/7	1.0	2.119219	8.0	254826.0	2.119219	Y
4	STD2 460-761139/6	2.0	4.165847	8.0	270032.0	2.082924	Y
5	STD4 460-761139/5	4.0	8.209266	8.0	285875.0	2.052317	Y
6	ICIS 460-761139/2	10.0	20.458972	8.0	307653.0	2.045897	Y
7	STD16 460-761139/4	16.0	32.053765	8.0	343717.0	2.00336	Y
8	STD24 460-761139/3	24.0	46.829023	8.0	263486.0	1.951209	Y



Calibration / Acetophenone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

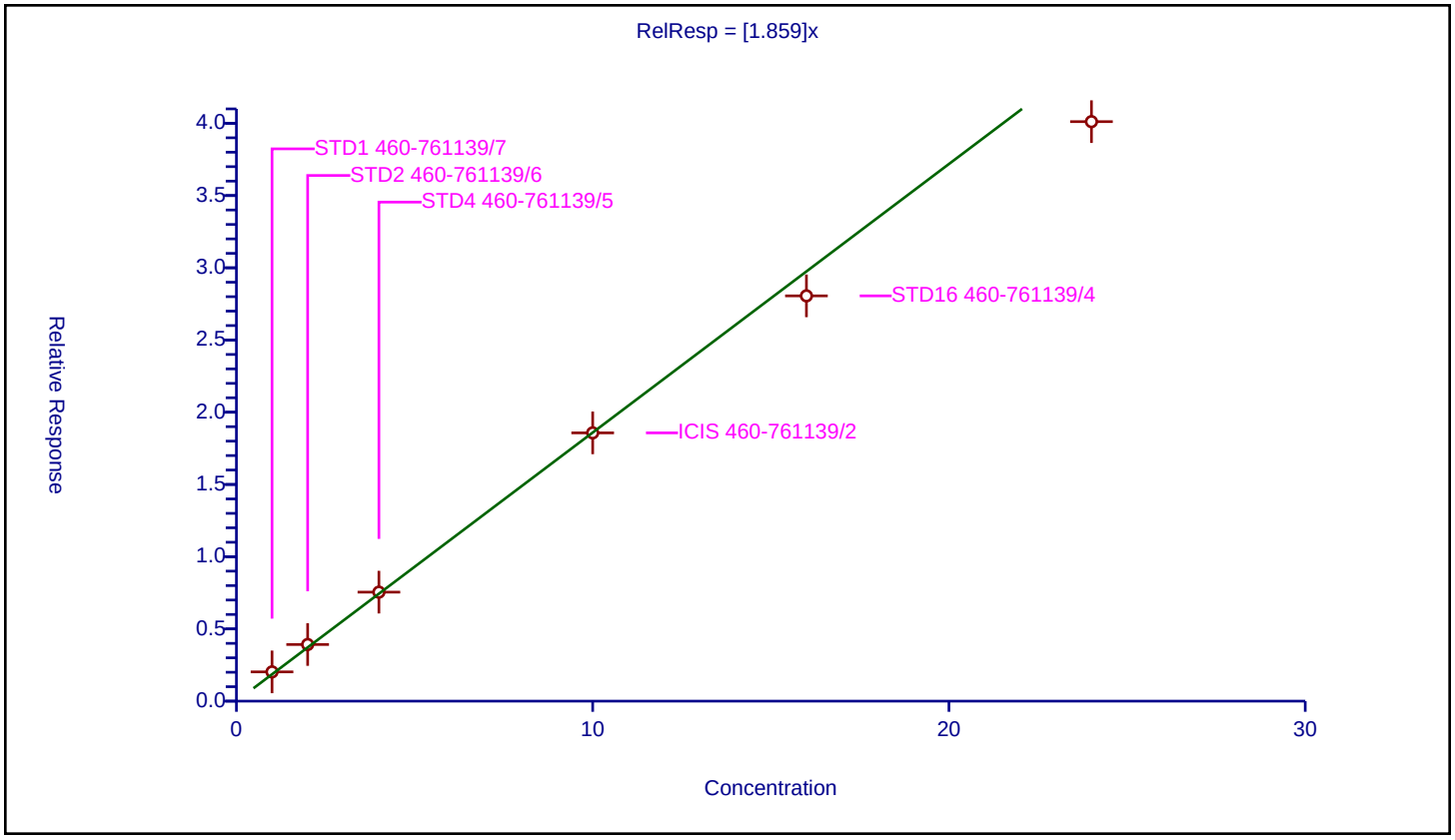
Curve Coefficients

Intercept:	0
Slope:	1.859

Error Coefficients

Standard Error:	872000
Relative Standard Error:	7.0
Correlation Coefficient:	0.951
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	2.026073	8.0	254826.0	2.026073	Y
2	STD2 460-761139/6	2.0	3.921283	8.0	270032.0	1.960642	Y
3	STD4 460-761139/5	4.0	7.545815	8.0	285875.0	1.886454	Y
4	ICIS 460-761139/2	10.0	18.572483	8.0	307653.0	1.857248	Y
5	STD16 460-761139/4	16.0	28.055895	8.0	343717.0	1.753493	Y
6	STD24 460-761139/3	24.0	40.116317	8.0	263486.0	1.671513	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

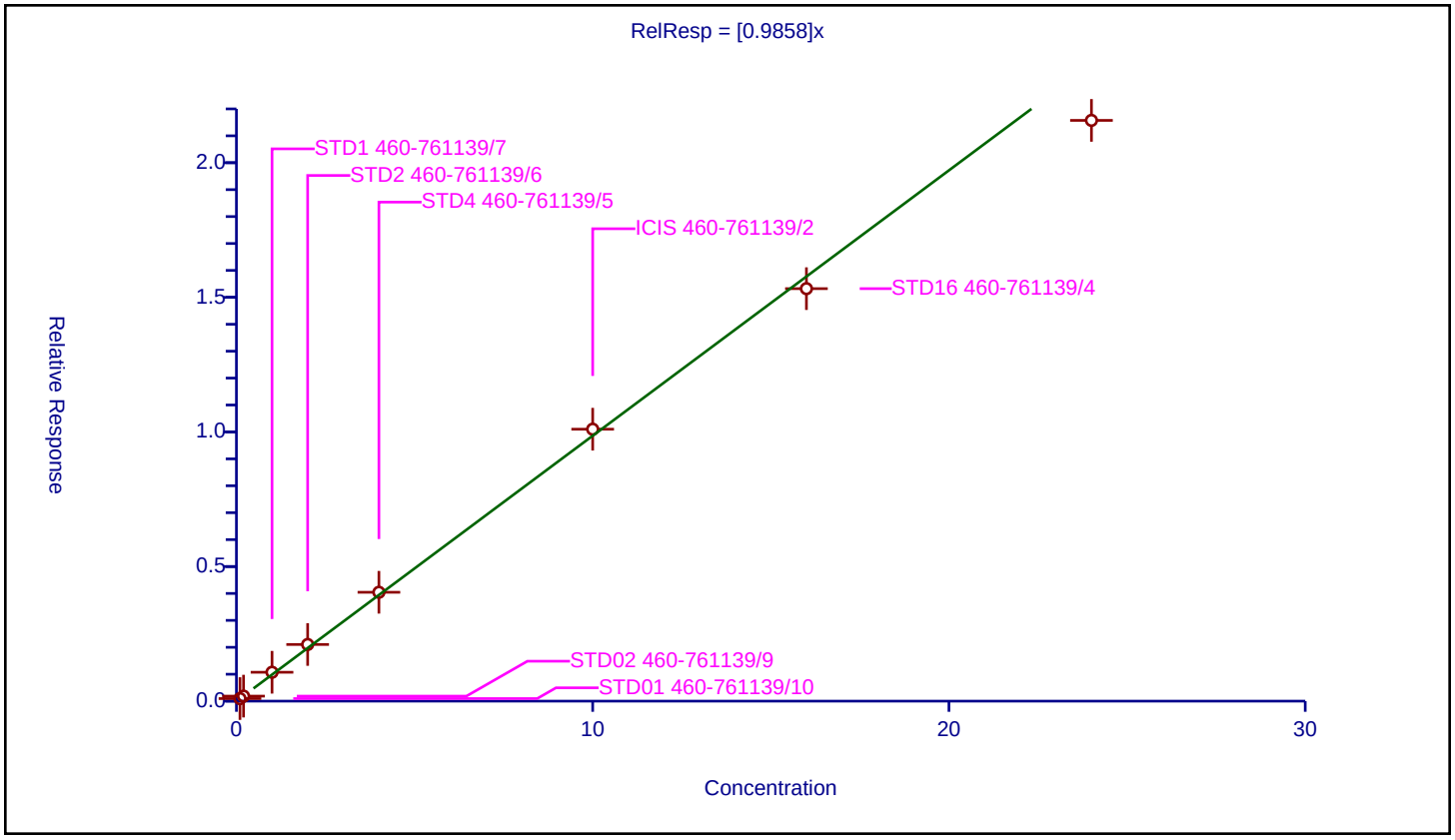
Curve Coefficients

Intercept:	0
Slope:	0.9858

Error Coefficients

Standard Error:	399000
Relative Standard Error:	6.2
Correlation Coefficient:	0.959
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.095094	8.0	284938.0	0.950944	Y
2	STD02 460-761139/9	0.2	0.186456	8.0	259708.0	0.932278	Y
3	STD1 460-761139/7	1.0	1.073423	8.0	254826.0	1.073423	Y
4	STD2 460-761139/6	2.0	2.10461	8.0	270032.0	1.052305	Y
5	STD4 460-761139/5	4.0	4.043641	8.0	285875.0	1.01091	Y
6	ICIS 460-761139/2	10.0	10.101432	8.0	307653.0	1.010143	Y
7	STD16 460-761139/4	16.0	15.322931	8.0	343717.0	0.957683	Y
8	STD24 460-761139/3	24.0	21.57282	8.0	263486.0	0.898867	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

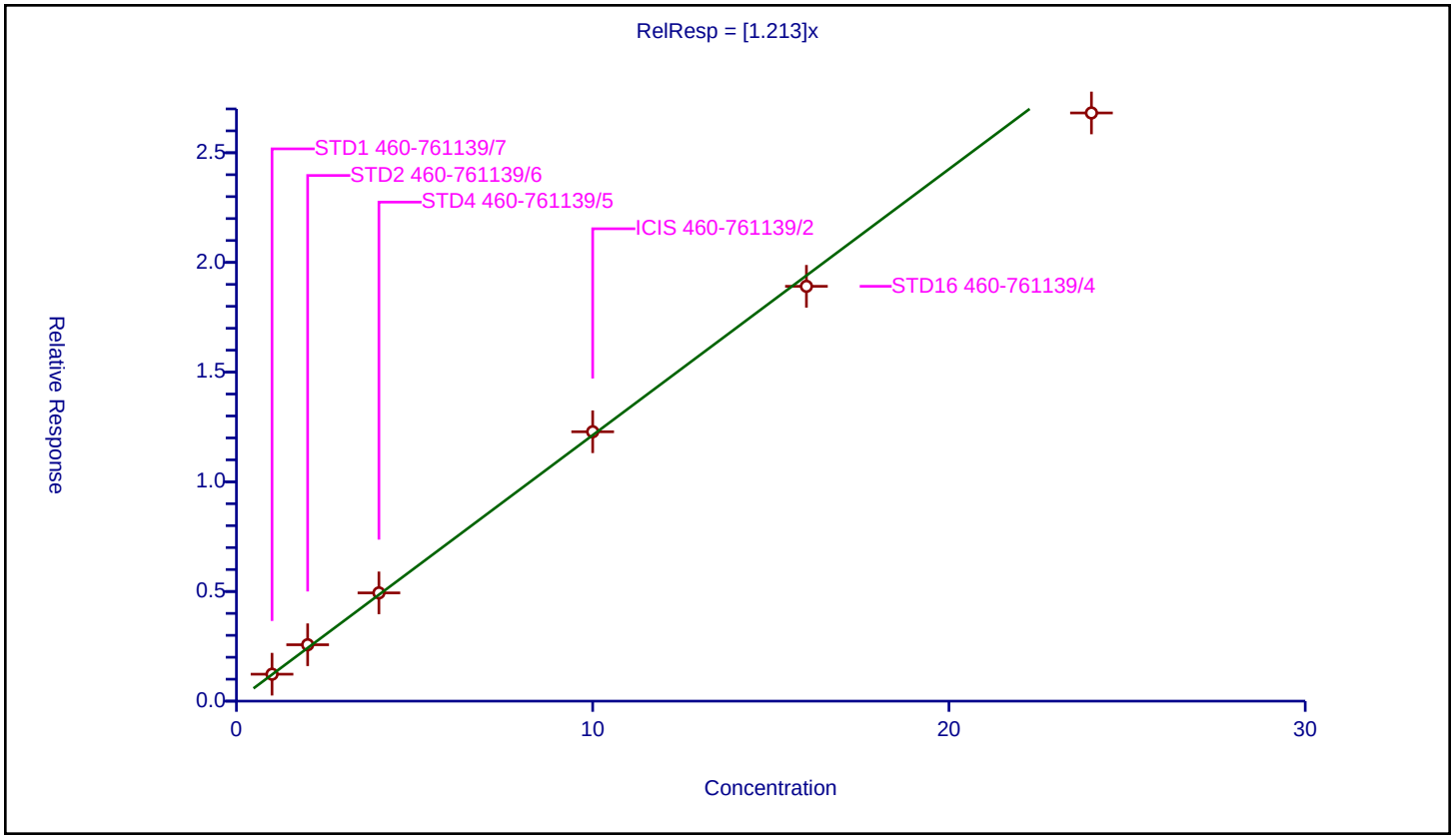
Curve Coefficients

Intercept:	0
Slope:	1.213

Error Coefficients

Standard Error:	584000
Relative Standard Error:	4.7
Correlation Coefficient:	0.949
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.22876	8.0	254826.0	1.22876	Y
2	STD2 460-761139/6	2.0	2.571547	8.0	270032.0	1.285774	Y
3	STD4 460-761139/5	4.0	4.935668	8.0	285875.0	1.233917	Y
4	ICIS 460-761139/2	10.0	12.280745	8.0	307653.0	1.228074	Y
5	STD16 460-761139/4	16.0	18.912536	8.0	343717.0	1.182033	Y
6	STD24 460-761139/3	24.0	26.815239	8.0	263486.0	1.117302	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

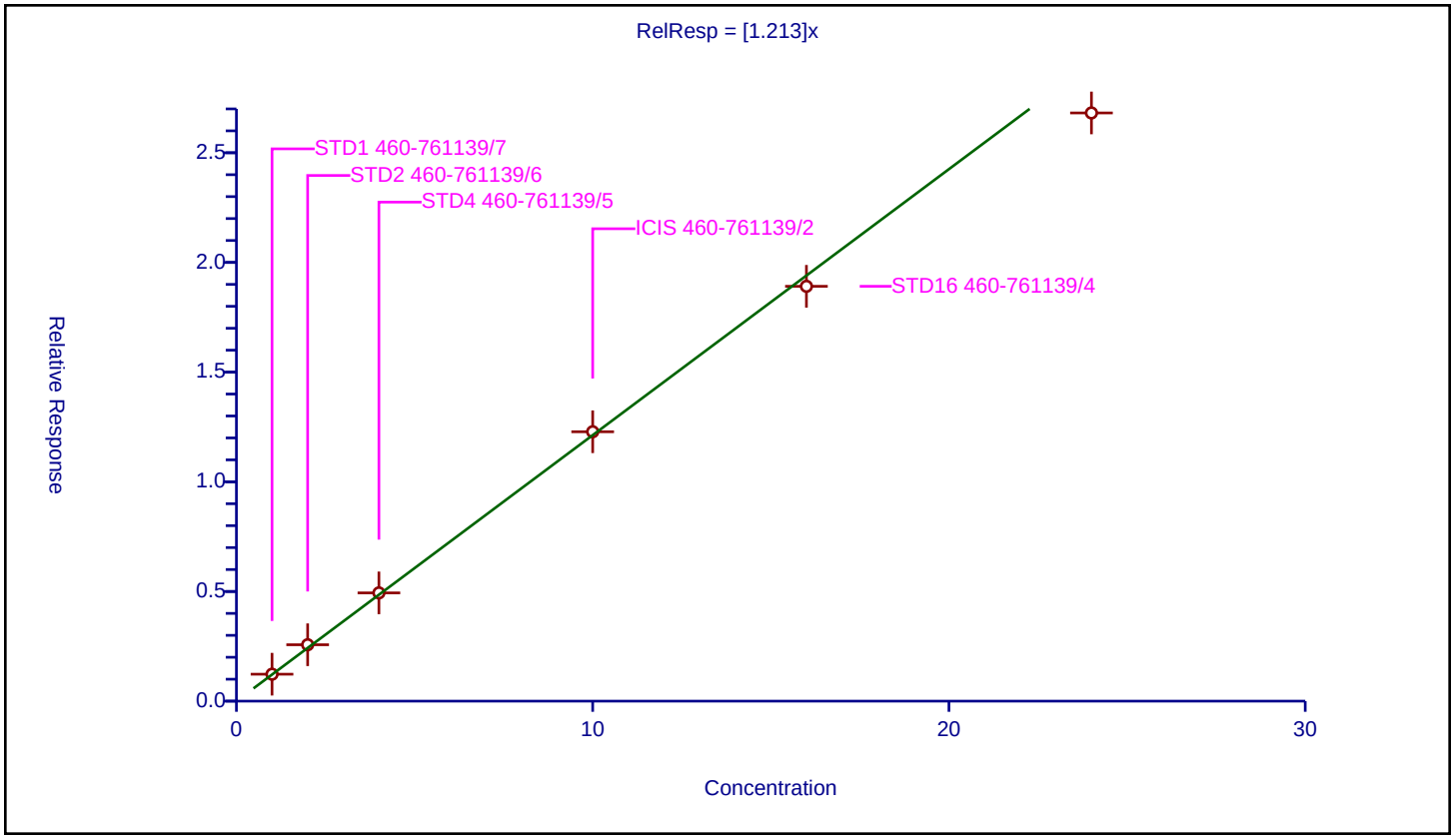
Curve Coefficients

Intercept:	0
Slope:	1.213

Error Coefficients

Standard Error:	584000
Relative Standard Error:	4.7
Correlation Coefficient:	0.949
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.22876	8.0	254826.0	1.22876	Y
2	STD2 460-761139/6	2.0	2.571547	8.0	270032.0	1.285774	Y
3	STD4 460-761139/5	4.0	4.935668	8.0	285875.0	1.233917	Y
4	ICIS 460-761139/2	10.0	12.280745	8.0	307653.0	1.228074	Y
5	STD16 460-761139/4	16.0	18.912536	8.0	343717.0	1.182033	Y
6	STD24 460-761139/3	24.0	26.815239	8.0	263486.0	1.117302	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

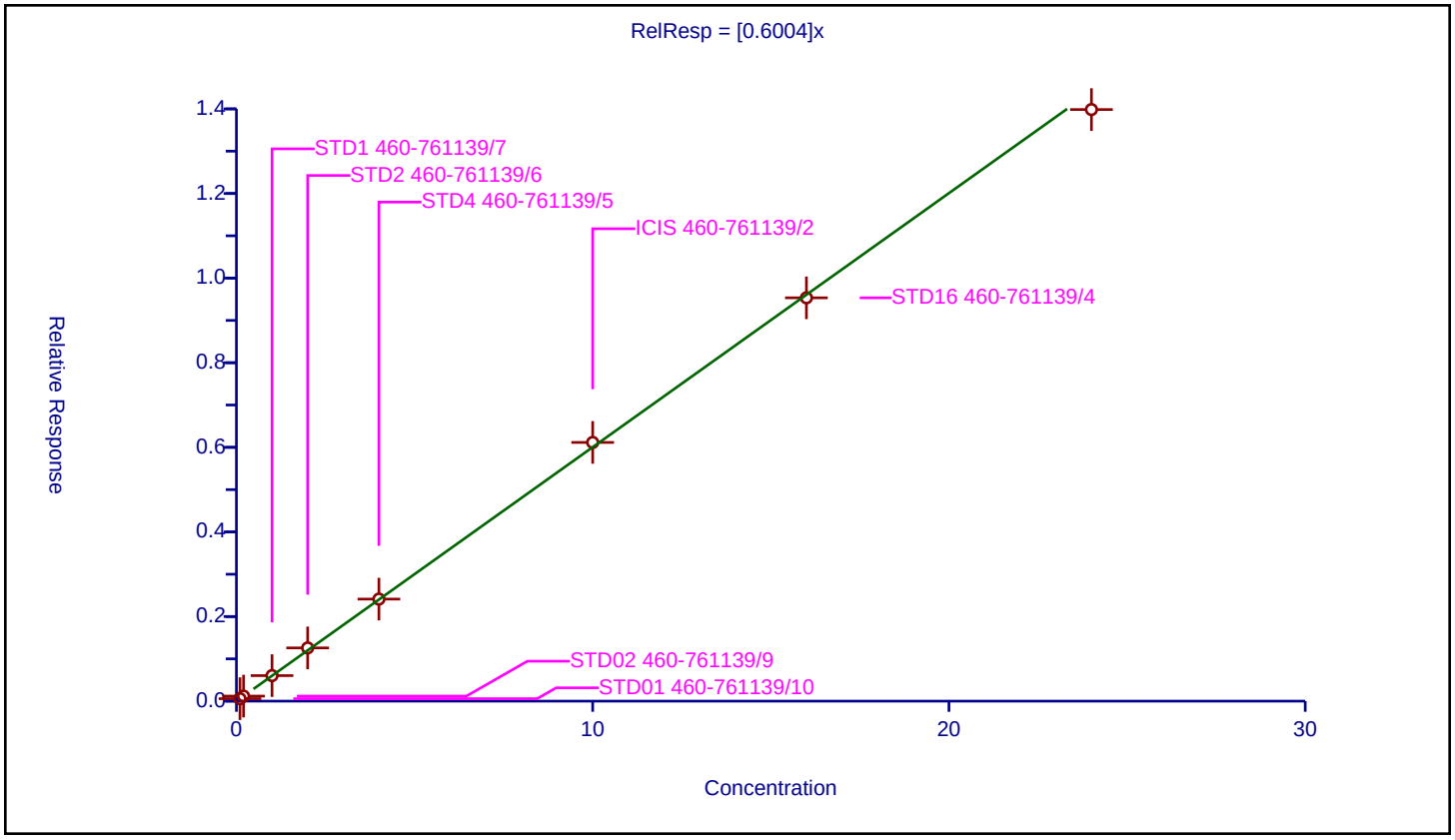
Curve Coefficients

Intercept:	0
Slope:	0.6004

Error Coefficients

Standard Error:	252000
Relative Standard Error:	2.6
Correlation Coefficient:	0.969
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.058006	8.0	284938.0	0.580056	Y
2	STD02 460-761139/9	0.2	0.119396	8.0	259708.0	0.596978	Y
3	STD1 460-761139/7	1.0	0.603643	8.0	254826.0	0.603643	Y
4	STD2 460-761139/6	2.0	1.258488	8.0	270032.0	0.629244	Y
5	STD4 460-761139/5	4.0	2.412327	8.0	285875.0	0.603082	Y
6	ICIS 460-761139/2	10.0	6.115851	8.0	307653.0	0.611585	Y
7	STD16 460-761139/4	16.0	9.534448	8.0	343717.0	0.595903	Y
8	STD24 460-761139/3	24.0	13.984166	8.0	263486.0	0.582674	Y



Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

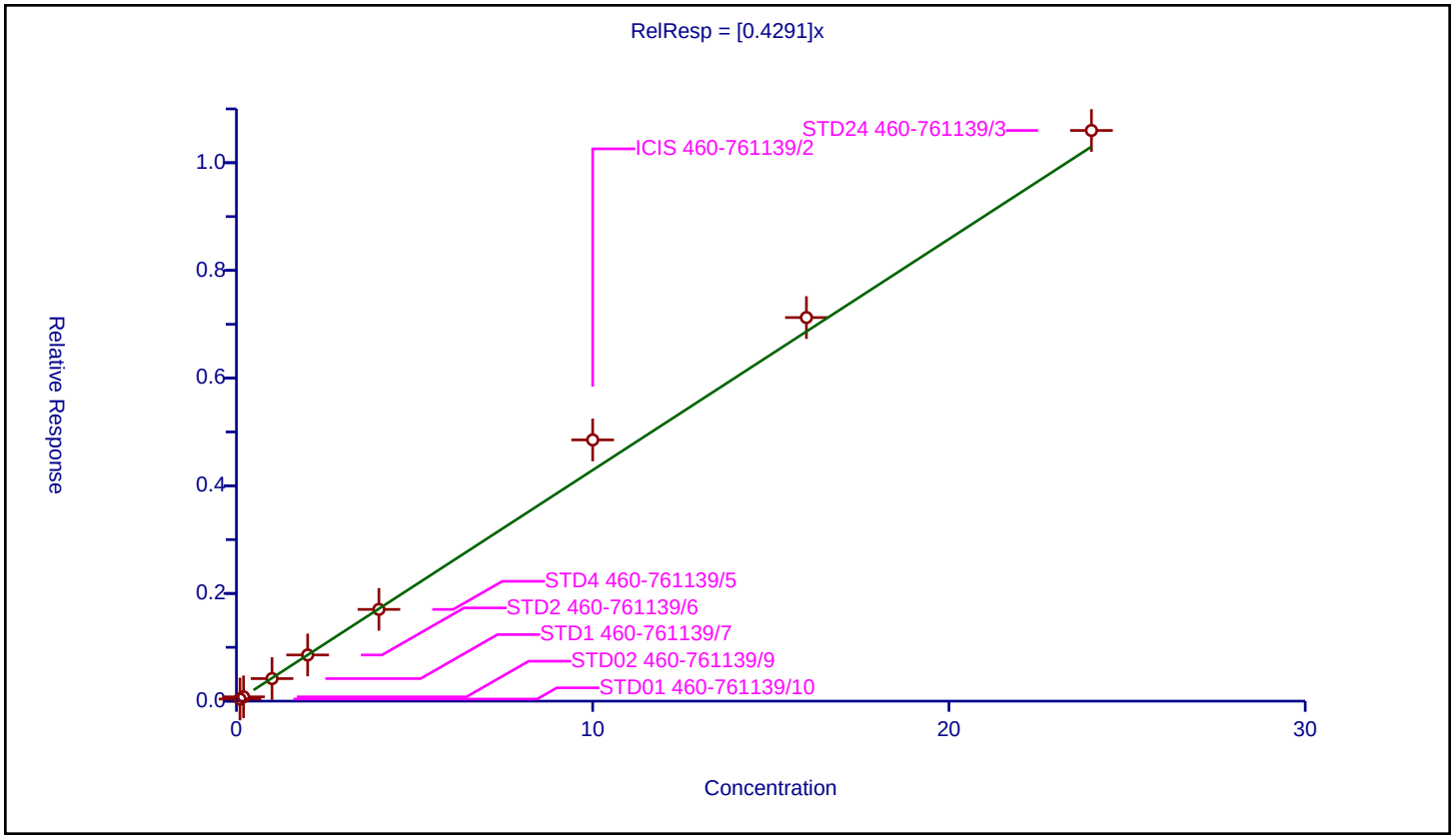
Curve Coefficients

Intercept:	0
Slope:	0.4291

Error Coefficients

Standard Error:	636000
Relative Standard Error:	7.0
Correlation Coefficient:	0.963
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.038798	8.0	1035516.0	0.38798	Y
2	STD02 460-761139/9	0.2	0.079801	8.0	930719.0	0.399003	Y
3	STD1 460-761139/7	1.0	0.418763	8.0	941899.0	0.418763	Y
4	STD2 460-761139/6	2.0	0.857642	8.0	965764.0	0.428821	Y
5	STD4 460-761139/5	4.0	1.703731	8.0	1004933.0	0.425933	Y
6	ICIS 460-761139/2	10.0	4.851901	8.0	1049136.0	0.48519	Y
7	STD16 460-761139/4	16.0	7.124497	8.0	1156610.0	0.445281	Y
8	STD24 460-761139/3	24.0	10.599423	8.0	864121.0	0.441643	Y



Calibration / Nitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

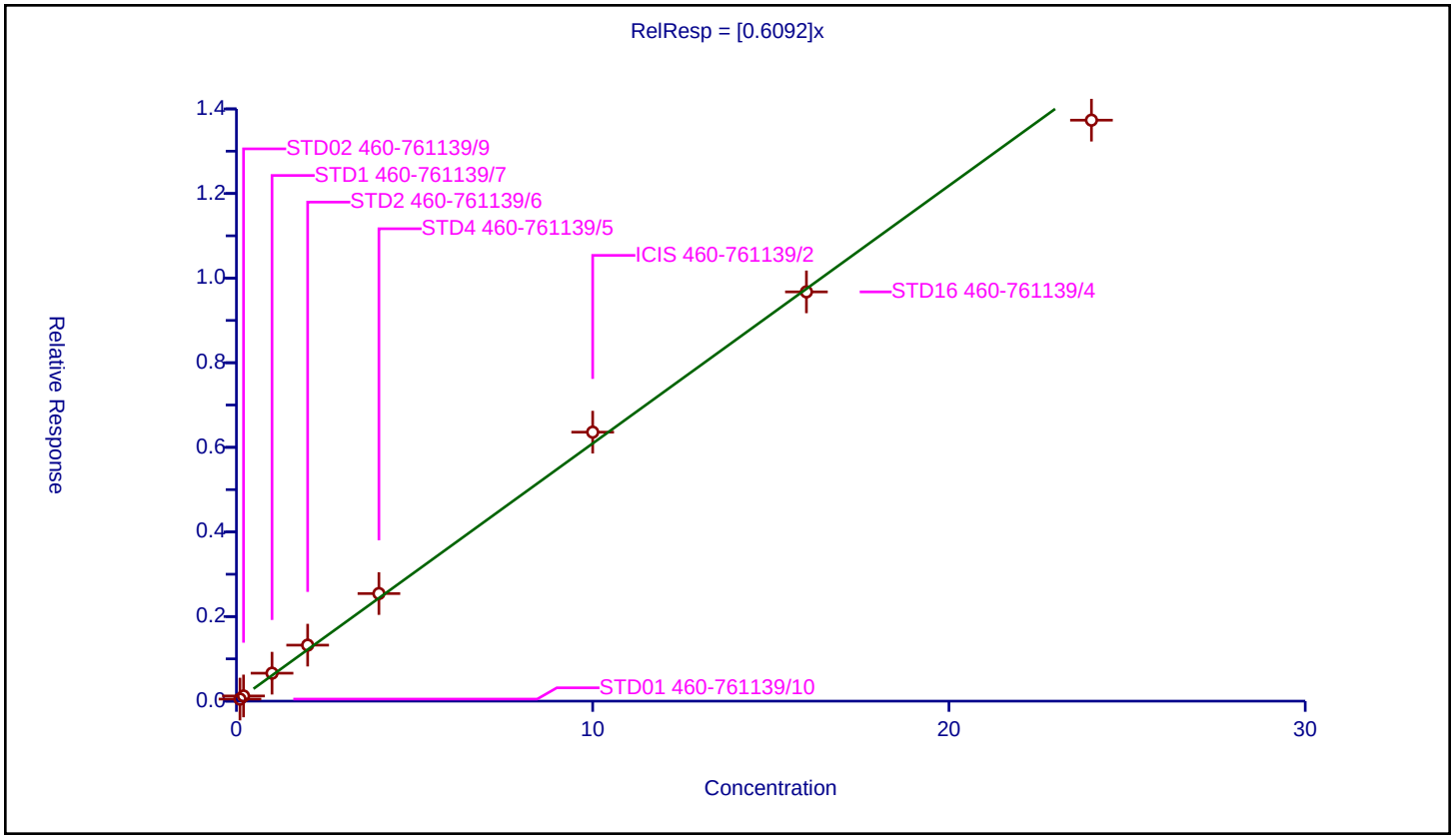
Curve Coefficients

Intercept:	0
Slope:	0.6092

Error Coefficients

Standard Error:	253000
Relative Standard Error:	9.3
Correlation Coefficient:	0.961
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.049021	8.0	284938.0	0.490212	Y
2	STD02 460-761139/9	0.2	0.122414	8.0	259708.0	0.612072	Y
3	STD1 460-761139/7	1.0	0.660812	8.0	254826.0	0.660812	Y
4	STD2 460-761139/6	2.0	1.323517	8.0	270032.0	0.661759	Y
5	STD4 460-761139/5	4.0	2.543321	8.0	285875.0	0.63583	Y
6	ICIS 460-761139/2	10.0	6.358904	8.0	307653.0	0.63589	Y
7	STD16 460-761139/4	16.0	9.674959	8.0	343717.0	0.604685	Y
8	STD24 460-761139/3	24.0	13.733739	8.0	263486.0	0.572239	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

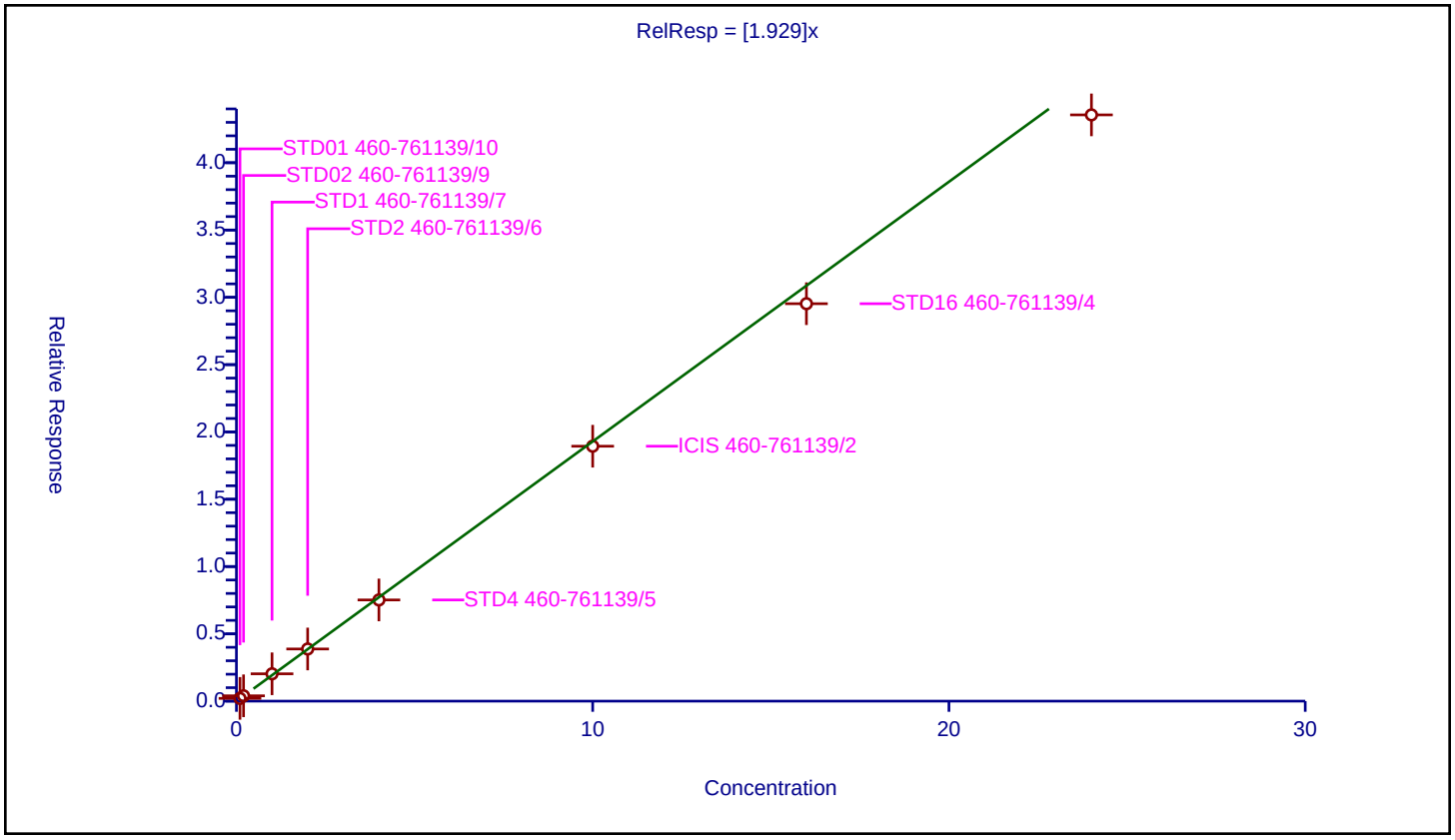
Curve Coefficients

Intercept:	0
Slope:	1.929

Error Coefficients

Standard Error:	783000
Relative Standard Error:	4.4
Correlation Coefficient:	0.971
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.204592	8.0	284938.0	2.045919	Y
2	STD02 460-761139/9	0.2	0.397246	8.0	259708.0	1.986231	Y
3	STD1 460-761139/7	1.0	2.030436	8.0	254826.0	2.030436	Y
4	STD2 460-761139/6	2.0	3.874533	8.0	270032.0	1.937267	Y
5	STD4 460-761139/5	4.0	7.518839	8.0	285875.0	1.87971	Y
6	ICIS 460-761139/2	10.0	18.940326	8.0	307653.0	1.894033	Y
7	STD16 460-761139/4	16.0	29.526849	8.0	343717.0	1.845428	Y
8	STD24 460-761139/3	24.0	43.55483	8.0	263486.0	1.814785	Y



Calibration / Isophorone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

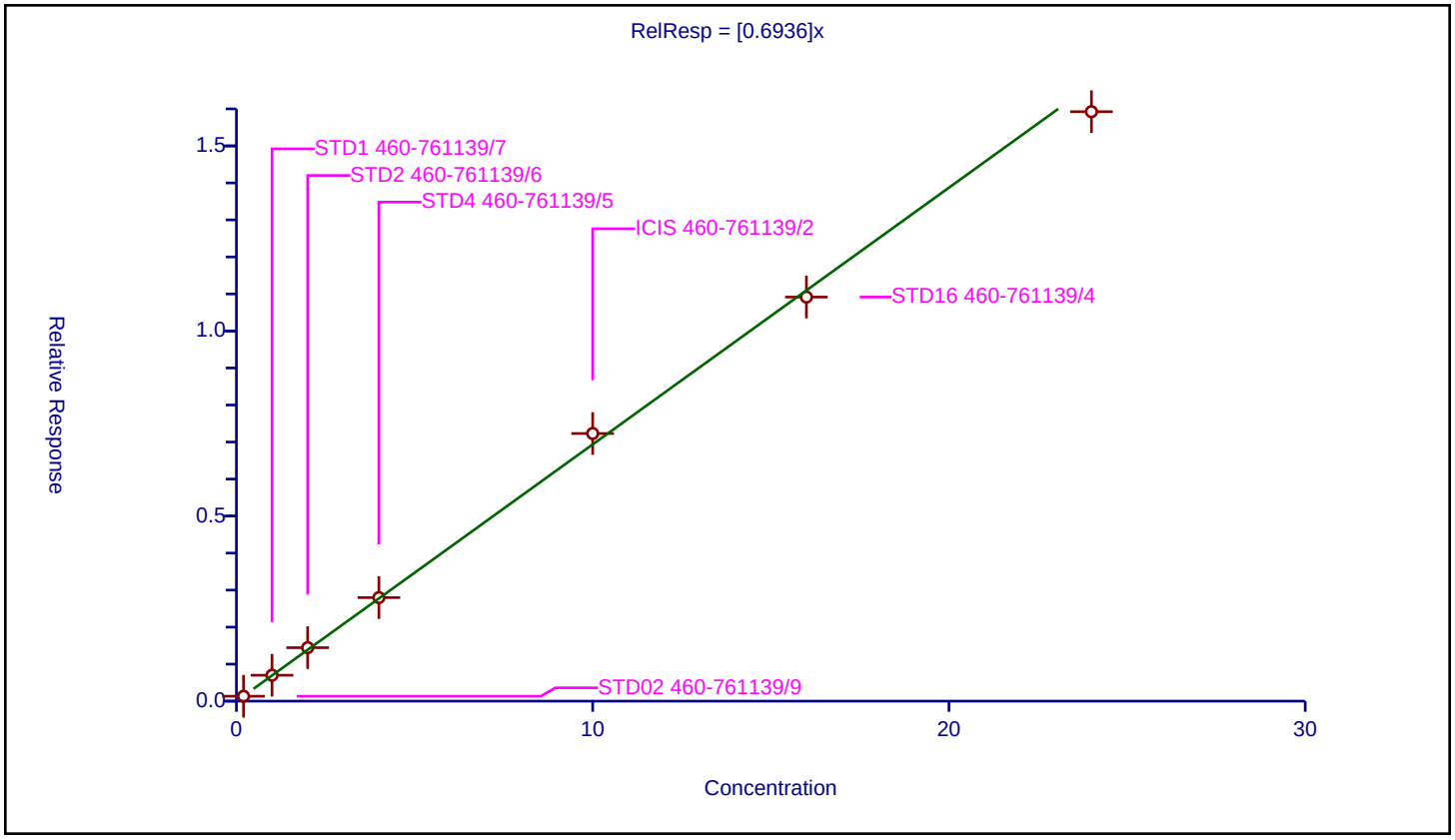
Curve Coefficients

Intercept:	0
Slope:	0.6936

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	3.5
Correlation Coefficient:	0.956
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.133101	8.0	930719.0	0.665507	Y
2	STD1 460-761139/7	1.0	0.699447	8.0	941899.0	0.699447	Y
3	STD2 460-761139/6	2.0	1.444253	8.0	965764.0	0.722127	Y
4	STD4 460-761139/5	4.0	2.796931	8.0	1004933.0	0.699233	Y
5	ICIS 460-761139/2	10.0	7.230147	8.0	1049136.0	0.723015	Y
6	STD16 460-761139/4	16.0	10.916129	8.0	1156610.0	0.682258	Y
7	STD24 460-761139/3	24.0	15.924779	8.0	864121.0	0.663532	Y



Calibration / 2-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

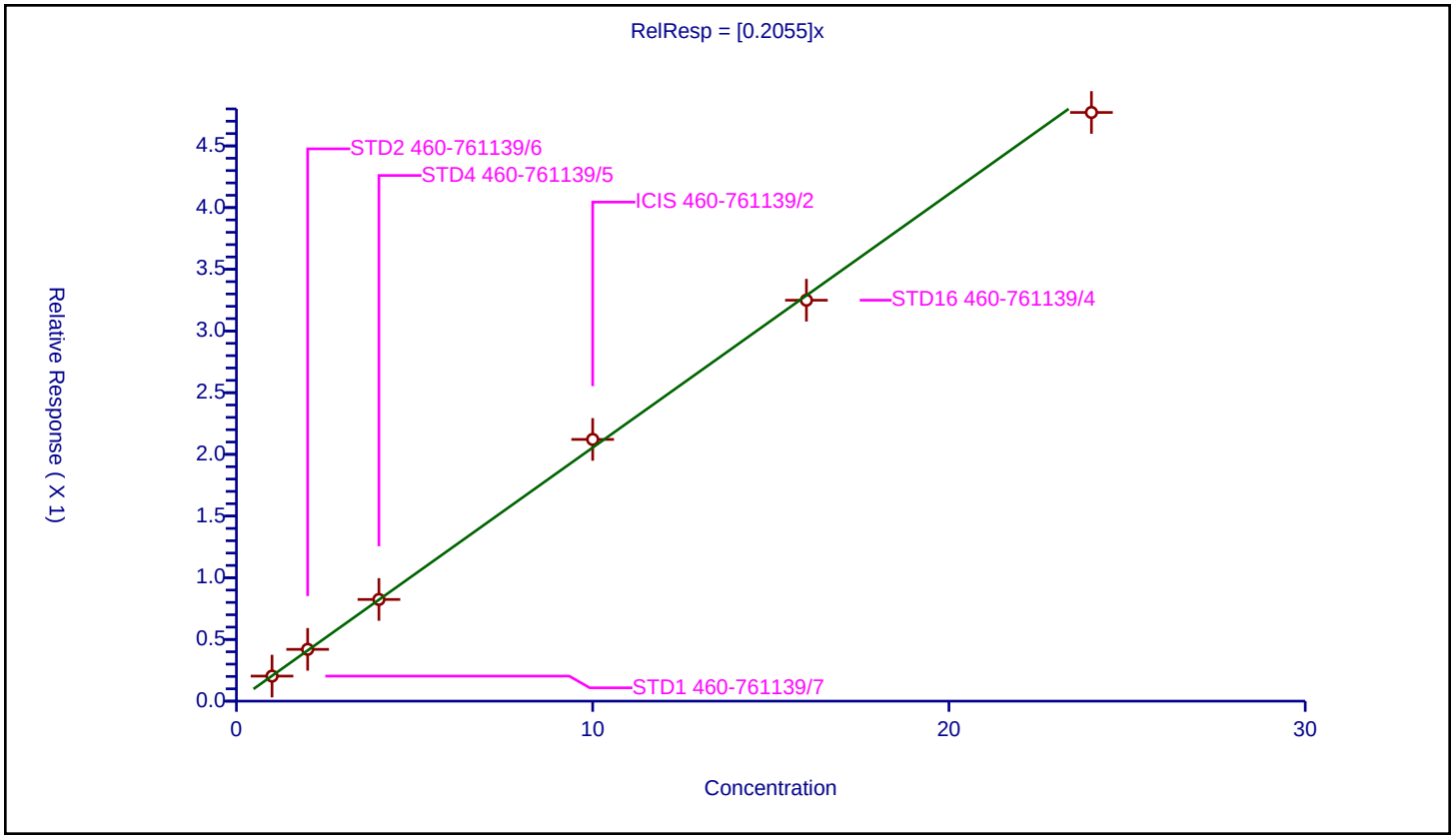
Curve Coefficients

Intercept:	0
Slope:	0.2055

Error Coefficients

Standard Error:	340000
Relative Standard Error:	2.4
Correlation Coefficient:	0.951
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.203003	8.0	941899.0	0.203003	Y
2	STD2 460-761139/6	2.0	0.419796	8.0	965764.0	0.209898	Y
3	STD4 460-761139/5	4.0	0.823951	8.0	1004933.0	0.205988	Y
4	ICIS 460-761139/2	10.0	2.121098	8.0	1049136.0	0.21211	Y
5	STD16 460-761139/4	16.0	3.249372	8.0	1156610.0	0.203086	Y
6	STD24 460-761139/3	24.0	4.771073	8.0	864121.0	0.198795	Y



Calibration / 2,4-Dimethylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

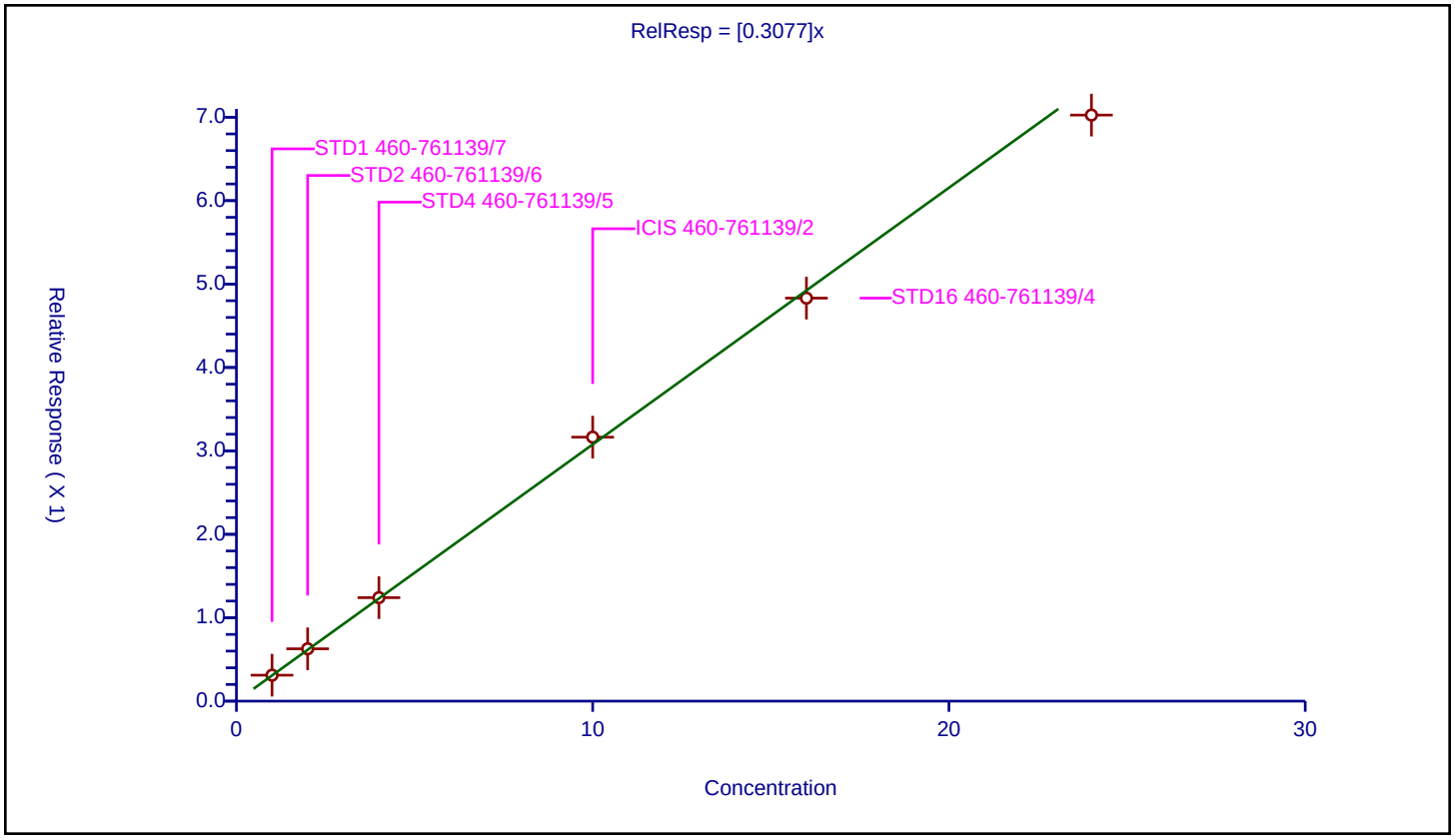
Curve Coefficients

Intercept:	0
Slope:	0.3077

Error Coefficients

Standard Error:	503000
Relative Standard Error:	2.9
Correlation Coefficient:	0.948
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.311176	8.0	941899.0	0.311176	Y
2	STD2 460-761139/6	2.0	0.62764	8.0	965764.0	0.31382	Y
3	STD4 460-761139/5	4.0	1.240727	8.0	1004933.0	0.310182	Y
4	ICIS 460-761139/2	10.0	3.164615	8.0	1049136.0	0.316462	Y
5	STD16 460-761139/4	16.0	4.831423	8.0	1156610.0	0.301964	Y
6	STD24 460-761139/3	24.0	7.026072	8.0	864121.0	0.292753	Y



Calibration / Benzoic acid

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

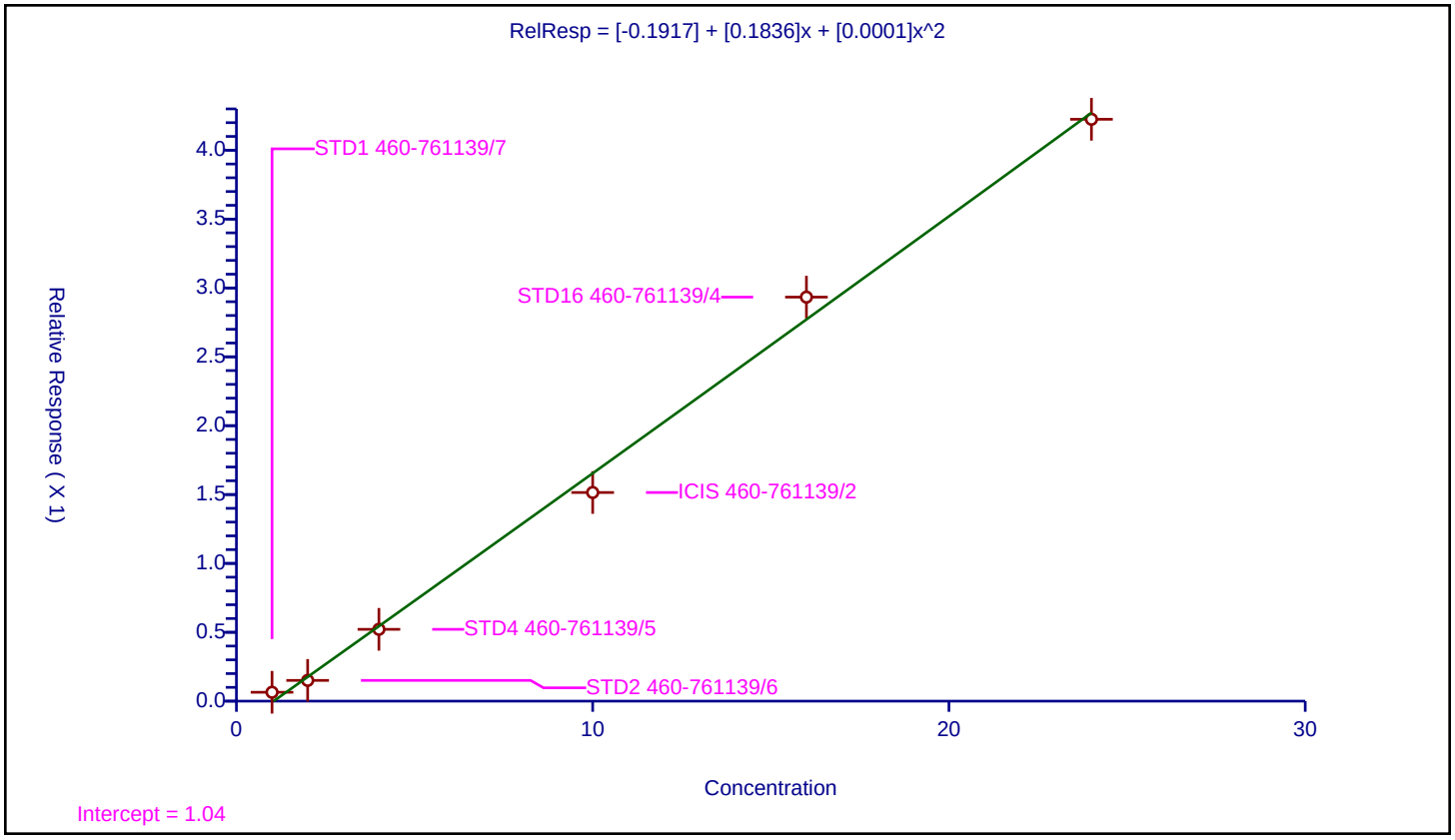
Curve Coefficients

Intercept:	-0.1917
Slope:	0.1836
Second Order:	0.0001

Error Coefficients

Standard Error:	380000
Relative Standard Error:	23.8
Correlation Coefficient:	0.945
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.064423	8.0	941899.0	0.064423	Y
2	STD2 460-761139/6	2.0	0.150496	8.0	965764.0	0.075248	Y
3	STD4 460-761139/5	4.0	0.521523	8.0	1004933.0	0.130381	Y
4	ICIS 460-761139/2	10.0	1.514747	8.0	1049136.0	0.151475	Y
5	STD16 460-761139/4	16.0	2.93349	8.0	1156610.0	0.183343	Y
6	STD24 460-761139/3	24.0	4.224492	8.0	864121.0	0.17602	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

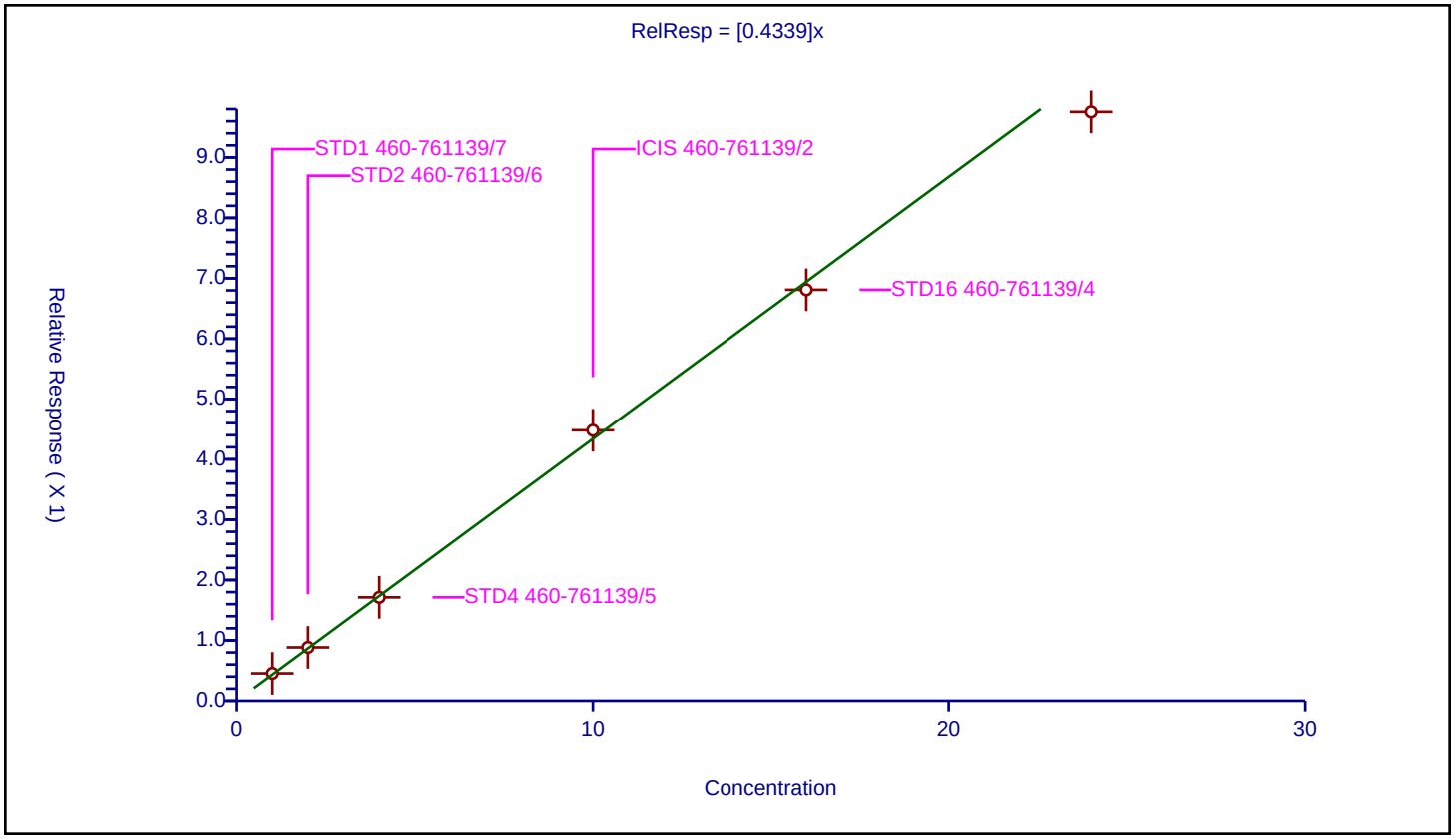
Curve Coefficients

Intercept:	0
Slope:	0.4339

Error Coefficients

Standard Error:	705000
Relative Standard Error:	4.0
Correlation Coefficient:	0.942
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.453076	8.0	941899.0	0.453076	Y
2	STD2 460-761139/6	2.0	0.883901	8.0	965764.0	0.441951	Y
3	STD4 460-761139/5	4.0	1.71291	8.0	1004933.0	0.428228	Y
4	ICIS 460-761139/2	10.0	4.481577	8.0	1049136.0	0.448158	Y
5	STD16 460-761139/4	16.0	6.810164	8.0	1156610.0	0.425635	Y
6	STD24 460-761139/3	24.0	9.753125	8.0	864121.0	0.40638	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

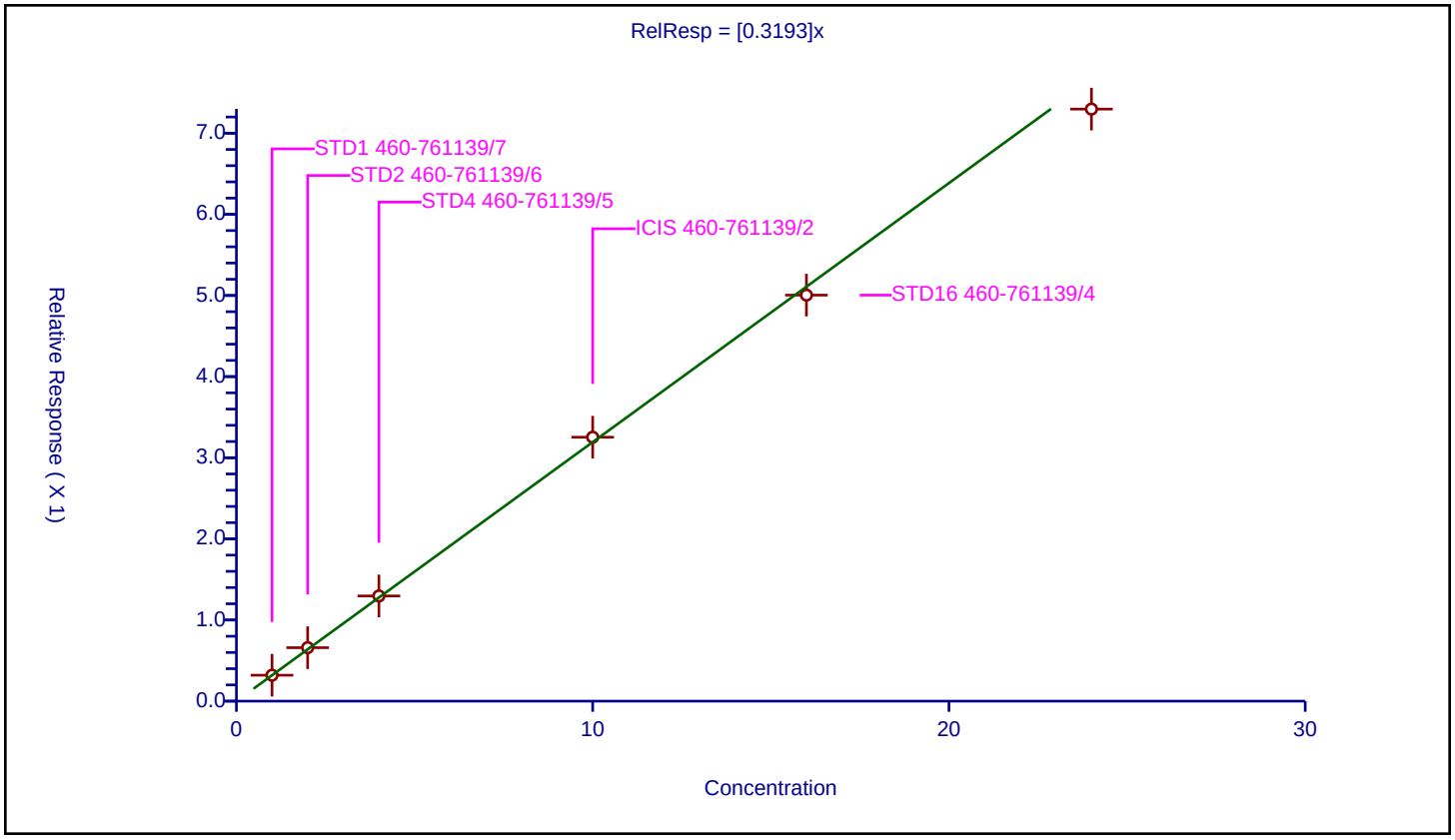
Curve Coefficients

Intercept:	0
Slope:	0.3193

Error Coefficients

Standard Error:	522000
Relative Standard Error:	2.9
Correlation Coefficient:	0.949
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.319644	8.0	941899.0	0.319644	Y
2	STD2 460-761139/6	2.0	0.6592	8.0	965764.0	0.3296	Y
3	STD4 460-761139/5	4.0	1.296731	8.0	1004933.0	0.324183	Y
4	ICIS 460-761139/2	10.0	3.253092	8.0	1049136.0	0.325309	Y
5	STD16 460-761139/4	16.0	5.00475	8.0	1156610.0	0.312797	Y
6	STD24 460-761139/3	24.0	7.297376	8.0	864121.0	0.304057	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

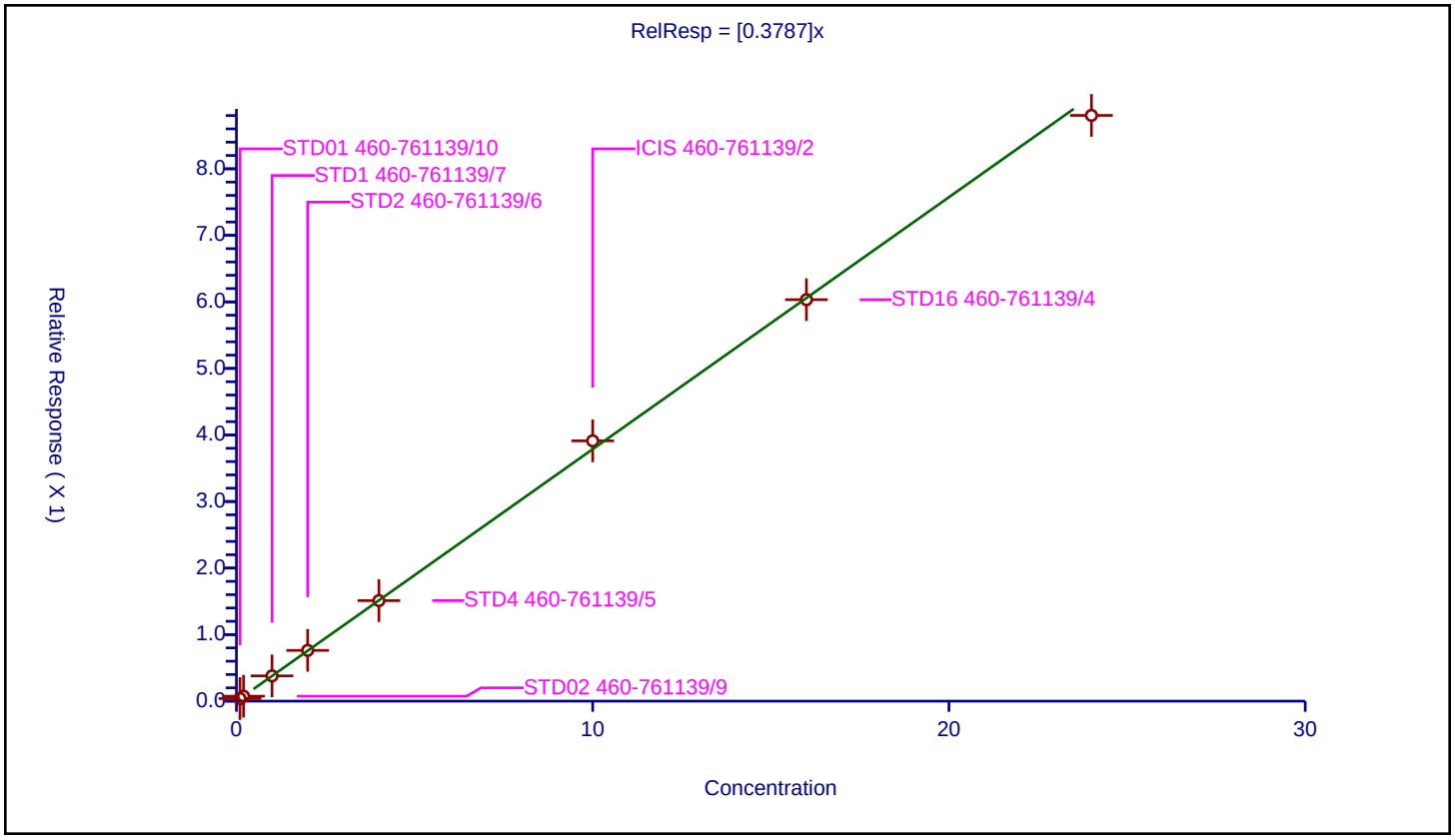
Curve Coefficients

Intercept:	0
Slope:	0.3787

Error Coefficients

Standard Error:	531000
Relative Standard Error:	2.0
Correlation Coefficient:	0.961
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.038497	8.0	1035516.0	0.384967	Y
2	STD02 460-761139/9	0.2	0.074102	8.0	930719.0	0.370509	Y
3	STD1 460-761139/7	1.0	0.37982	8.0	941899.0	0.37982	Y
4	STD2 460-761139/6	2.0	0.762712	8.0	965764.0	0.381356	Y
5	STD4 460-761139/5	4.0	1.510533	8.0	1004933.0	0.377633	Y
6	ICIS 460-761139/2	10.0	3.911836	8.0	1049136.0	0.391184	Y
7	STD16 460-761139/4	16.0	6.03301	8.0	1156610.0	0.377063	Y
8	STD24 460-761139/3	24.0	8.801878	8.0	864121.0	0.366745	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

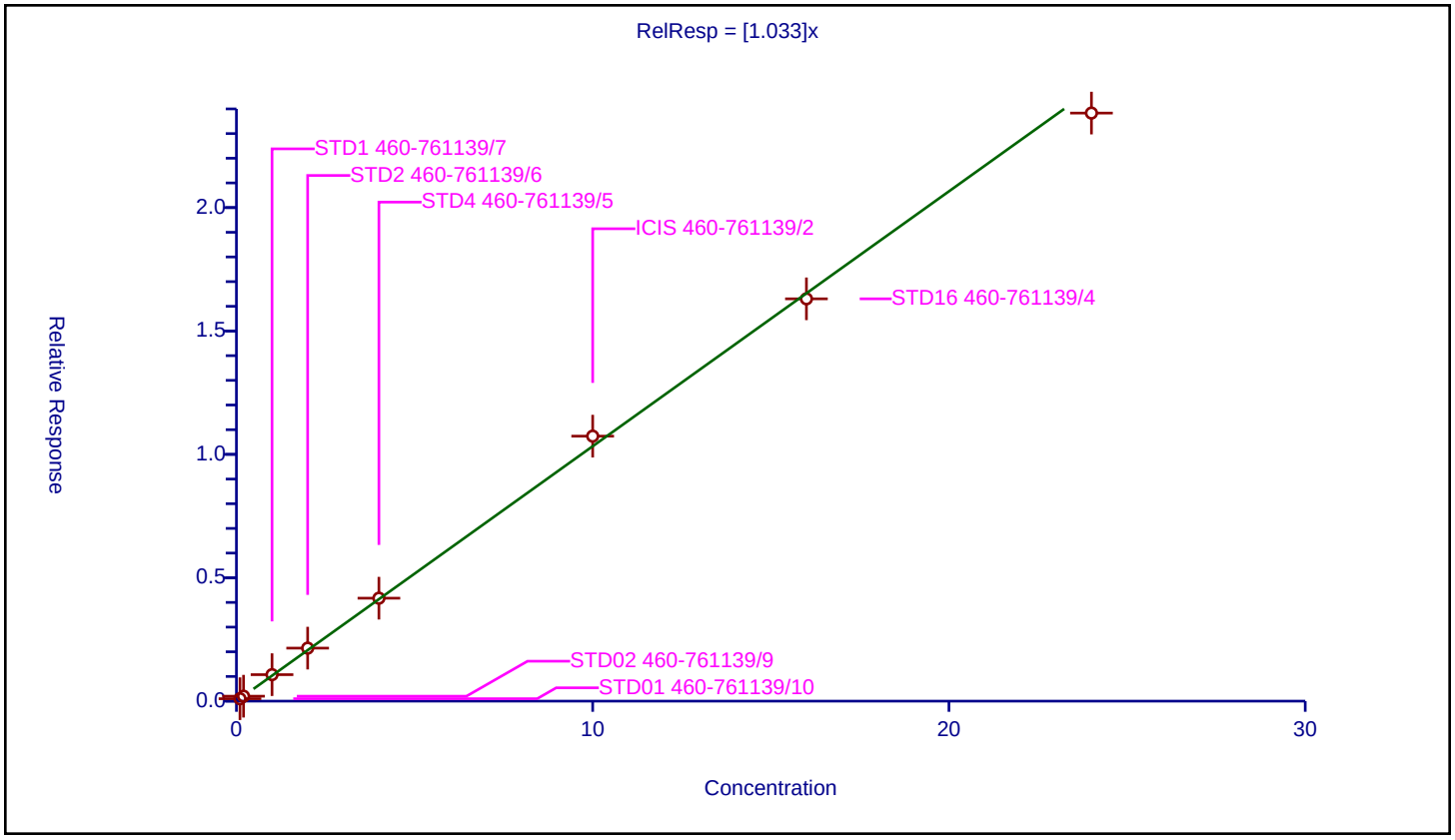
Curve Coefficients

Intercept:	0
Slope:	1.033

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	3.7
Correlation Coefficient:	0.961
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.098571	8.0	1035516.0	0.985711	Y
2	STD02 460-761139/9	0.2	0.200241	8.0	930719.0	1.001204	Y
3	STD1 460-761139/7	1.0	1.073491	8.0	941899.0	1.073491	Y
4	STD2 460-761139/6	2.0	2.148608	8.0	965764.0	1.074304	Y
5	STD4 460-761139/5	4.0	4.1719	8.0	1004933.0	1.042975	Y
6	ICIS 460-761139/2	10.0	10.738787	8.0	1049136.0	1.073879	Y
7	STD16 460-761139/4	16.0	16.303743	8.0	1156610.0	1.018984	Y
8	STD24 460-761139/3	24.0	23.830866	8.0	864121.0	0.992953	Y



Calibration / 4-Chloroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

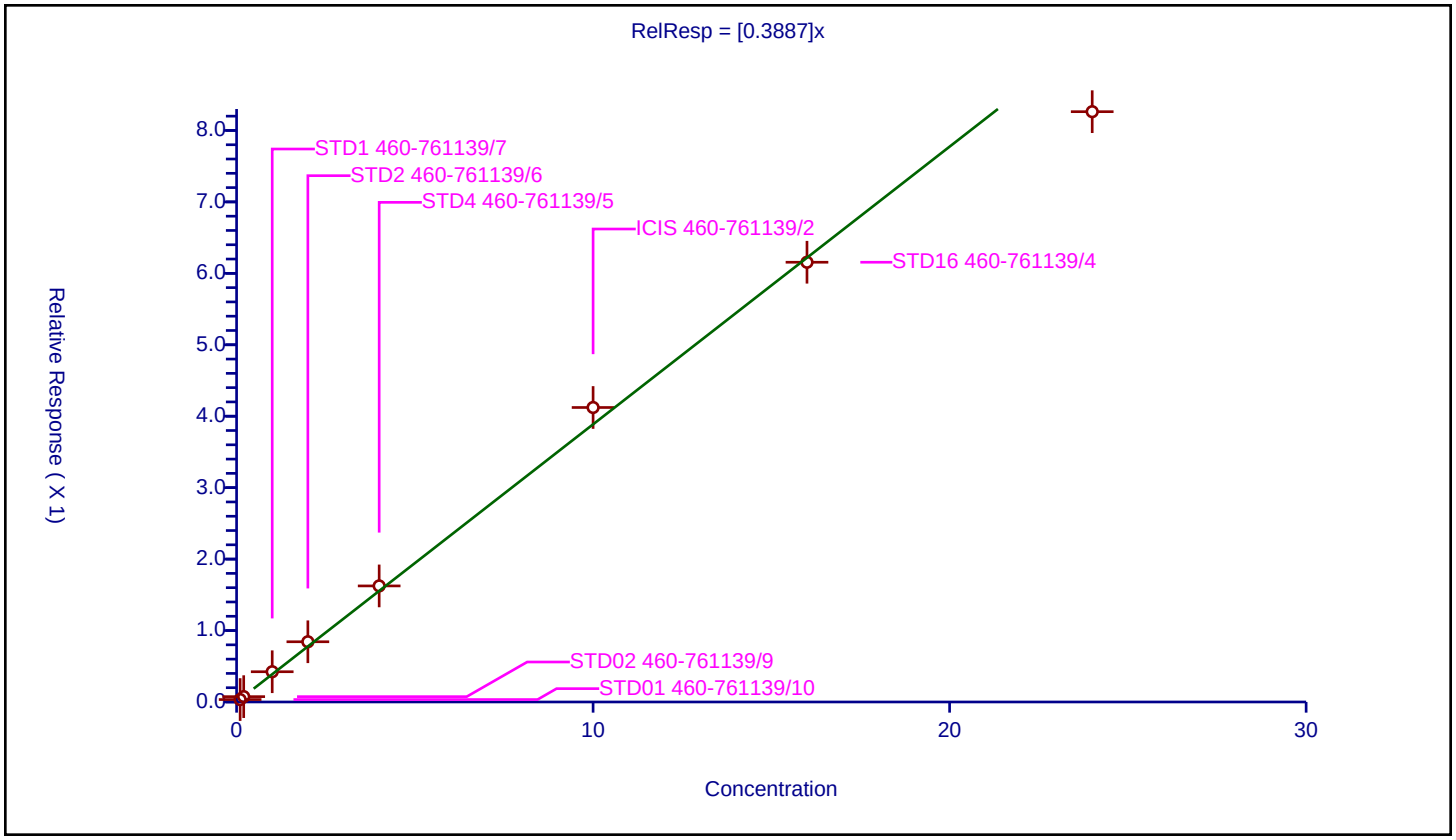
Curve Coefficients

Intercept:	0
Slope:	0.3887

Error Coefficients

Standard Error:	526000
Relative Standard Error:	8.4
Correlation Coefficient:	0.935
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.034279	8.0	1035516.0	0.342786	Y
2	STD02 460-761139/9	0.2	0.074858	8.0	930719.0	0.374291	Y
3	STD1 460-761139/7	1.0	0.423485	8.0	941899.0	0.423485	Y
4	STD2 460-761139/6	2.0	0.842839	8.0	965764.0	0.42142	Y
5	STD4 460-761139/5	4.0	1.62453	8.0	1004933.0	0.406133	Y
6	ICIS 460-761139/2	10.0	4.122074	8.0	1049136.0	0.412207	Y
7	STD16 460-761139/4	16.0	6.155147	8.0	1156610.0	0.384697	Y
8	STD24 460-761139/3	24.0	8.262787	8.0	864121.0	0.344283	Y



Calibration / 2,6-Dichlorophenol

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

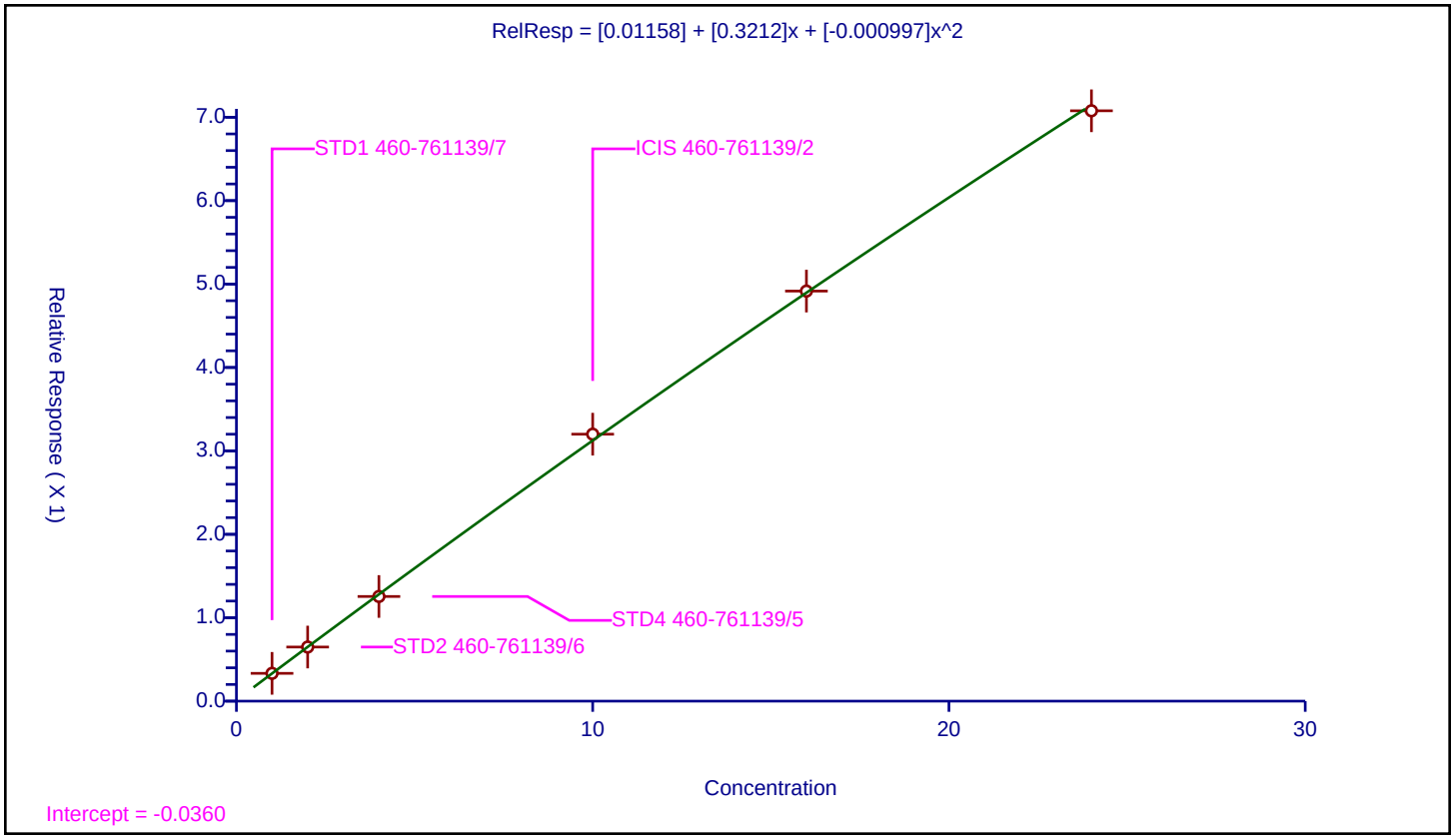
Curve Coefficients

Intercept:	0.01158
Slope:	0.3212
Second Order:	-0.000997

Error Coefficients

Standard Error:	658000
Relative Standard Error:	2.0
Correlation Coefficient:	0.953
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.333089	8.0	941899.0	0.333089	Y
2	STD2 460-761139/6	2.0	0.648614	8.0	965764.0	0.324307	Y
3	STD4 460-761139/5	4.0	1.254722	8.0	1004933.0	0.313681	Y
4	ICIS 460-761139/2	10.0	3.20031	8.0	1049136.0	0.320031	Y
5	STD16 460-761139/4	16.0	4.91587	8.0	1156610.0	0.307242	Y
6	STD24 460-761139/3	24.0	7.077398	8.0	864121.0	0.294892	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

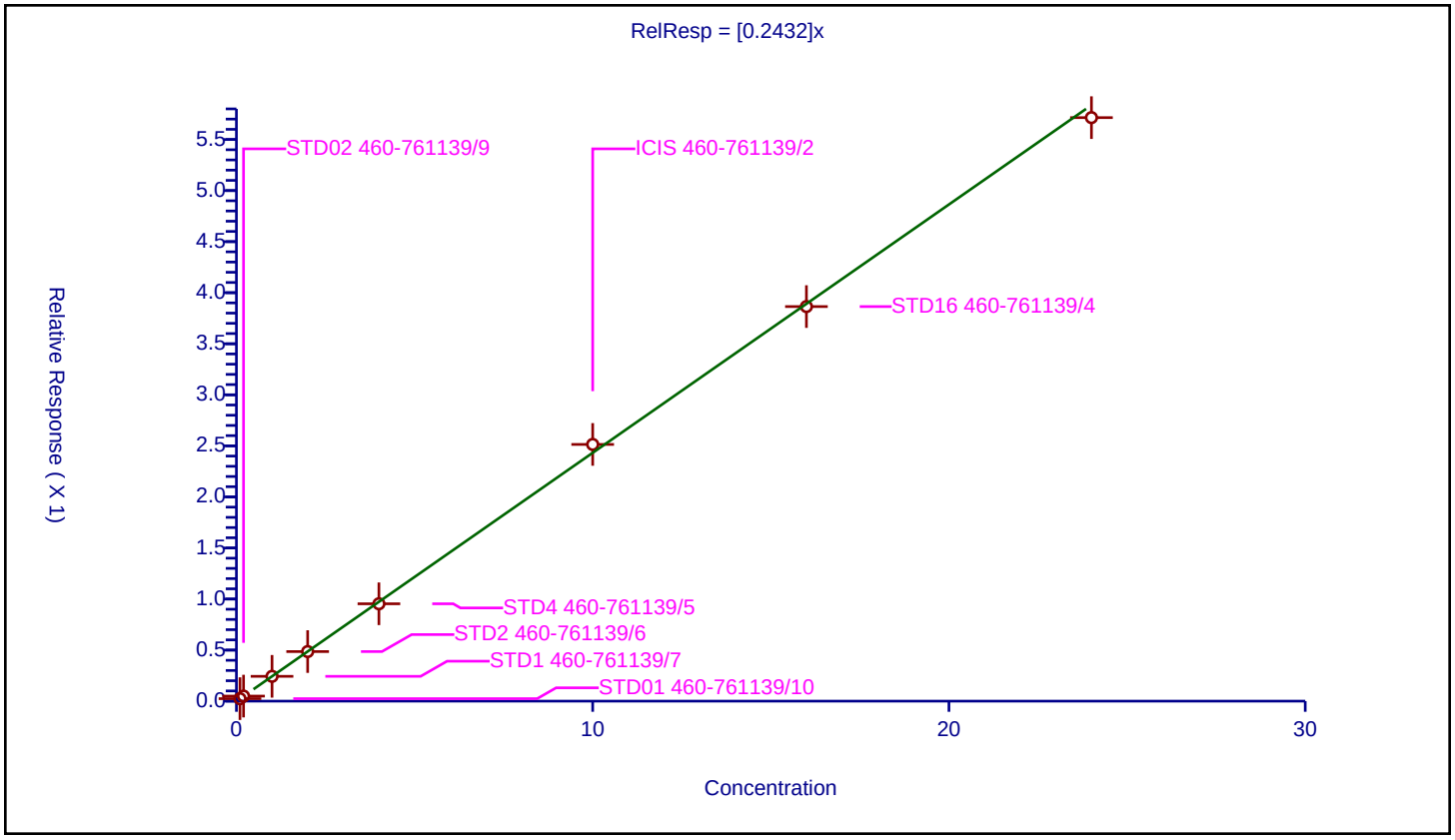
Curve Coefficients

Intercept:	0
Slope:	0.2432

Error Coefficients

Standard Error:	342000
Relative Standard Error:	1.8
Correlation Coefficient:	0.964
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.024282	8.0	1035516.0	0.242816	Y
2	STD02 460-761139/9	0.2	0.049493	8.0	930719.0	0.247465	Y
3	STD1 460-761139/7	1.0	0.243092	8.0	941899.0	0.243092	Y
4	STD2 460-761139/6	2.0	0.485526	8.0	965764.0	0.242763	Y
5	STD4 460-761139/5	4.0	0.95356	8.0	1004933.0	0.23839	Y
6	ICIS 460-761139/2	10.0	2.514137	8.0	1049136.0	0.251414	Y
7	STD16 460-761139/4	16.0	3.864099	8.0	1156610.0	0.241506	Y
8	STD24 460-761139/3	24.0	5.714515	8.0	864121.0	0.238105	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

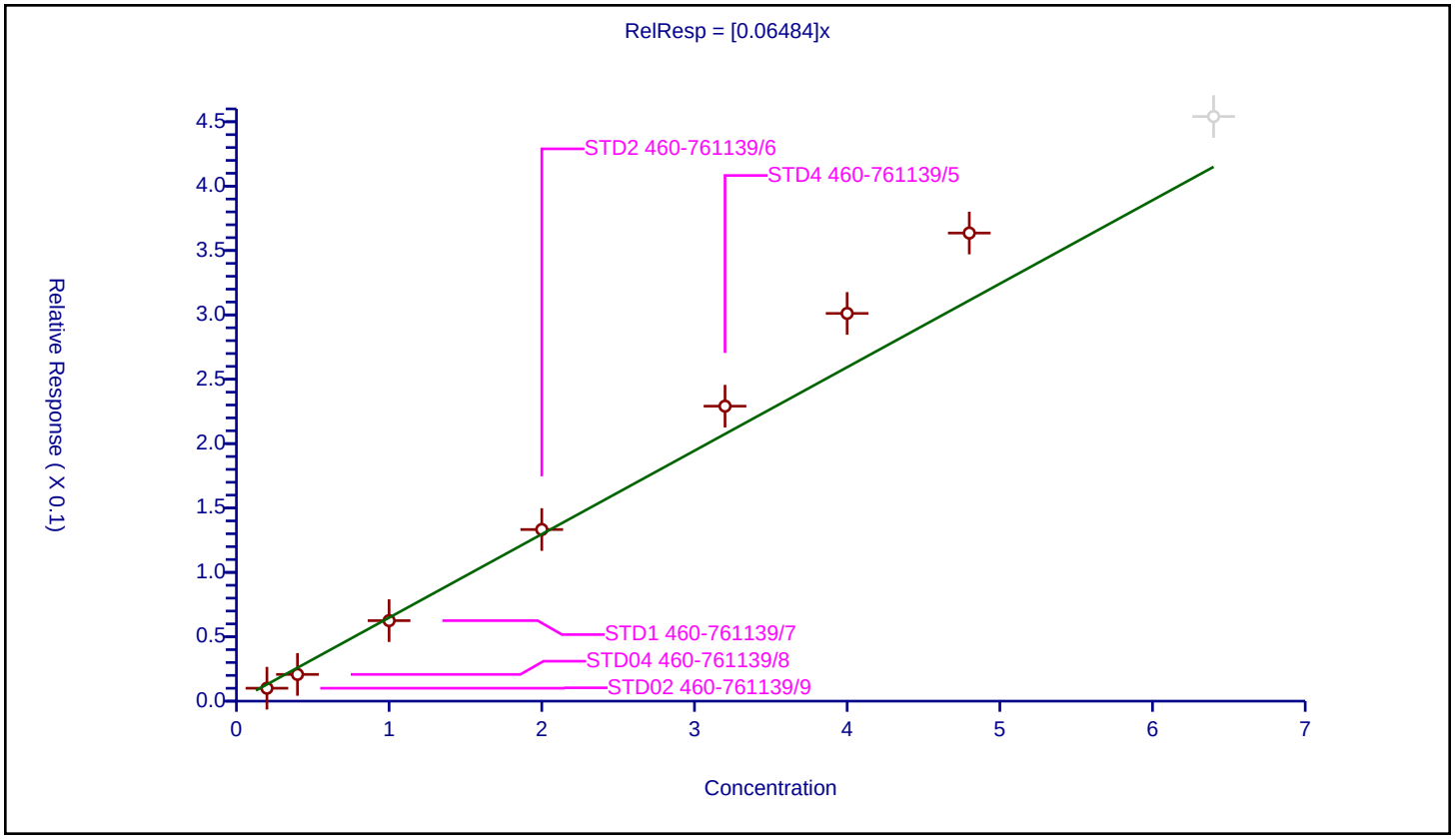
Curve Coefficients

Intercept:	0
Slope:	0.06484

Error Coefficients

Standard Error:	30200
Relative Standard Error:	16.2
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.01004	8.0	930719.0	0.050198	Y
2	STD04 460-761139/8	0.4	0.020757	8.0	1034427.0	0.051893	Y
3	STD1 460-761139/7	1.0	0.062521	8.0	941899.0	0.062521	Y
4	STD2 460-761139/6	2.0	0.133291	8.0	965764.0	0.066646	Y
5	STD4 460-761139/5	3.2	0.22911	8.0	1004933.0	0.071597	Y
6	ICIS 460-761139/2	4.0	0.301147	8.0	1049136.0	0.075287	Y
7	STD16 460-761139/4	4.8	0.363573	8.0	1156610.0	0.075744	Y
8	STD24 460-761139/3	6.4	0.454094	8.0	864121.0	0.070952	N



Calibration / 4-Chloro-3-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

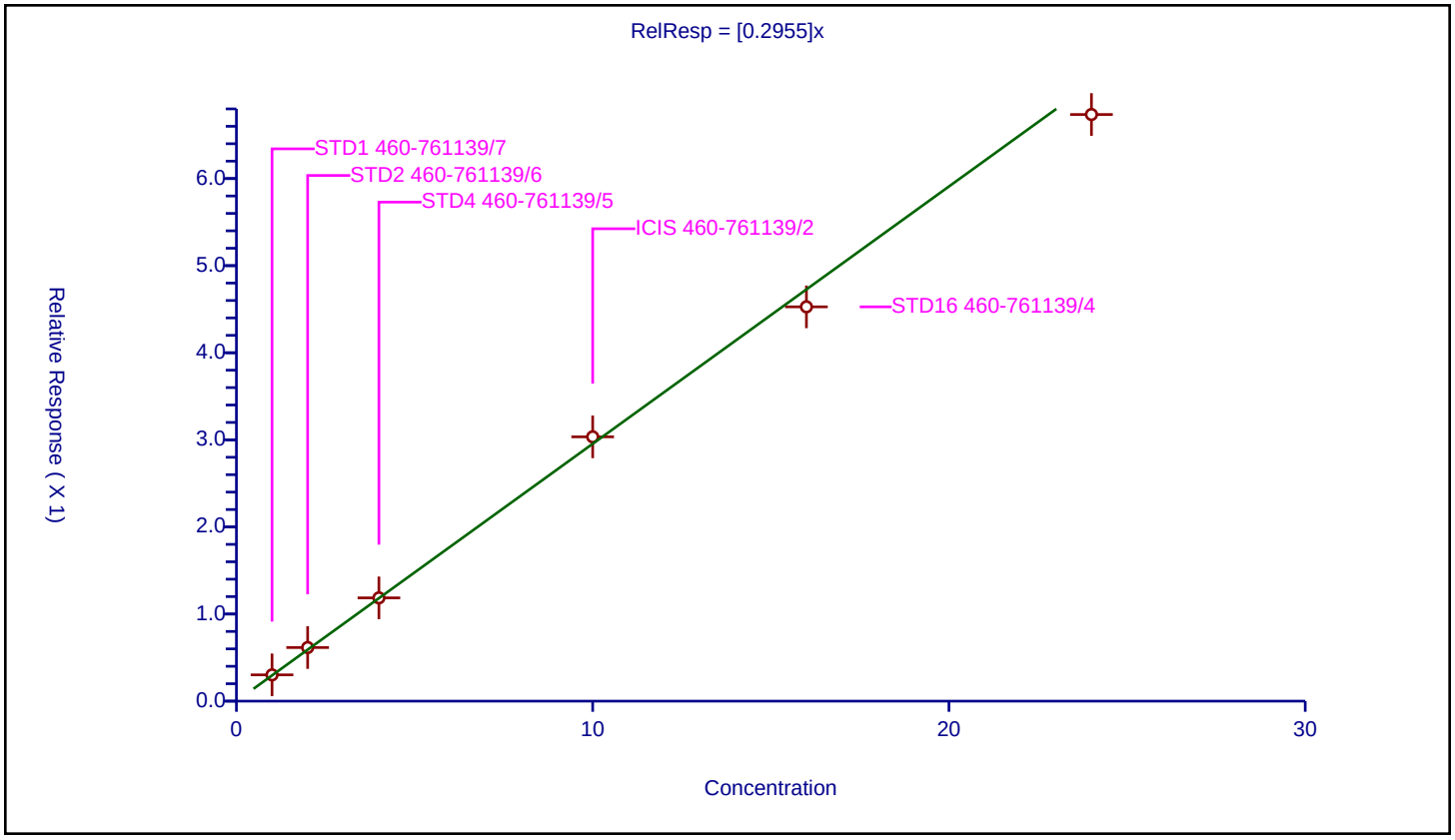
Curve Coefficients

Intercept:	0
Slope:	0.2955

Error Coefficients

Standard Error:	479000
Relative Standard Error:	3.8
Correlation Coefficient:	0.954
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.301561	8.0	941899.0	0.301561	Y
2	STD2 460-761139/6	2.0	0.61533	8.0	965764.0	0.307665	Y
3	STD4 460-761139/5	4.0	1.185822	8.0	1004933.0	0.296456	Y
4	ICIS 460-761139/2	10.0	3.034756	8.0	1049136.0	0.303476	Y
5	STD16 460-761139/4	16.0	4.527383	8.0	1156610.0	0.282961	Y
6	STD24 460-761139/3	24.0	6.735557	8.0	864121.0	0.280648	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

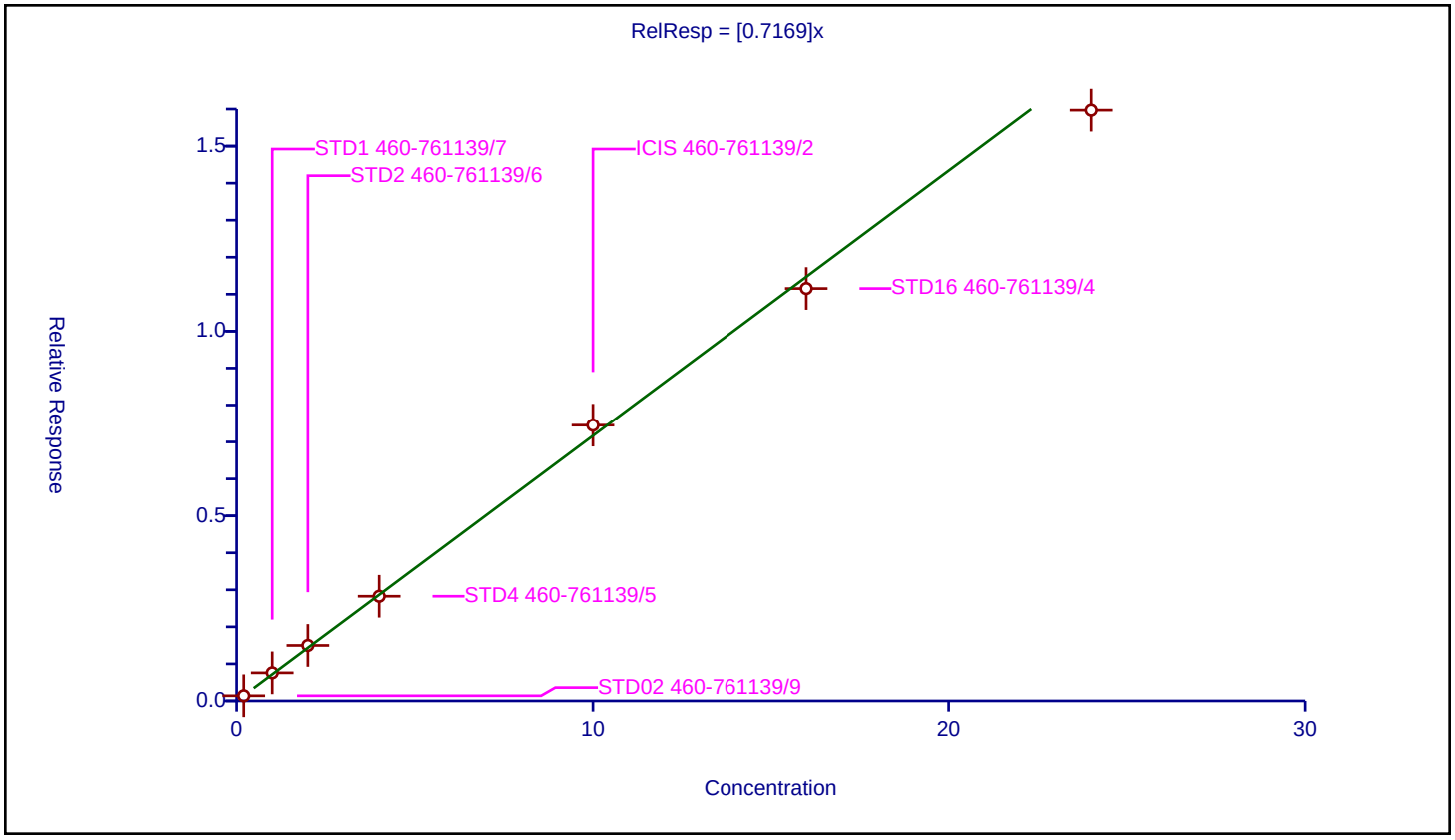
Curve Coefficients

Intercept:	0
Slope:	0.7169

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	4.8
Correlation Coefficient:	0.950
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.139325	8.0	930719.0	0.696623	Y
2	STD1 460-761139/7	1.0	0.757703	8.0	941899.0	0.757703	Y
3	STD2 460-761139/6	2.0	1.497989	8.0	965764.0	0.748995	Y
4	STD4 460-761139/5	4.0	2.826529	8.0	1004933.0	0.706632	Y
5	ICIS 460-761139/2	10.0	7.454568	8.0	1049136.0	0.745457	Y
6	STD16 460-761139/4	16.0	11.154059	8.0	1156610.0	0.697129	Y
7	STD24 460-761139/3	24.0	15.970143	8.0	864121.0	0.665423	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

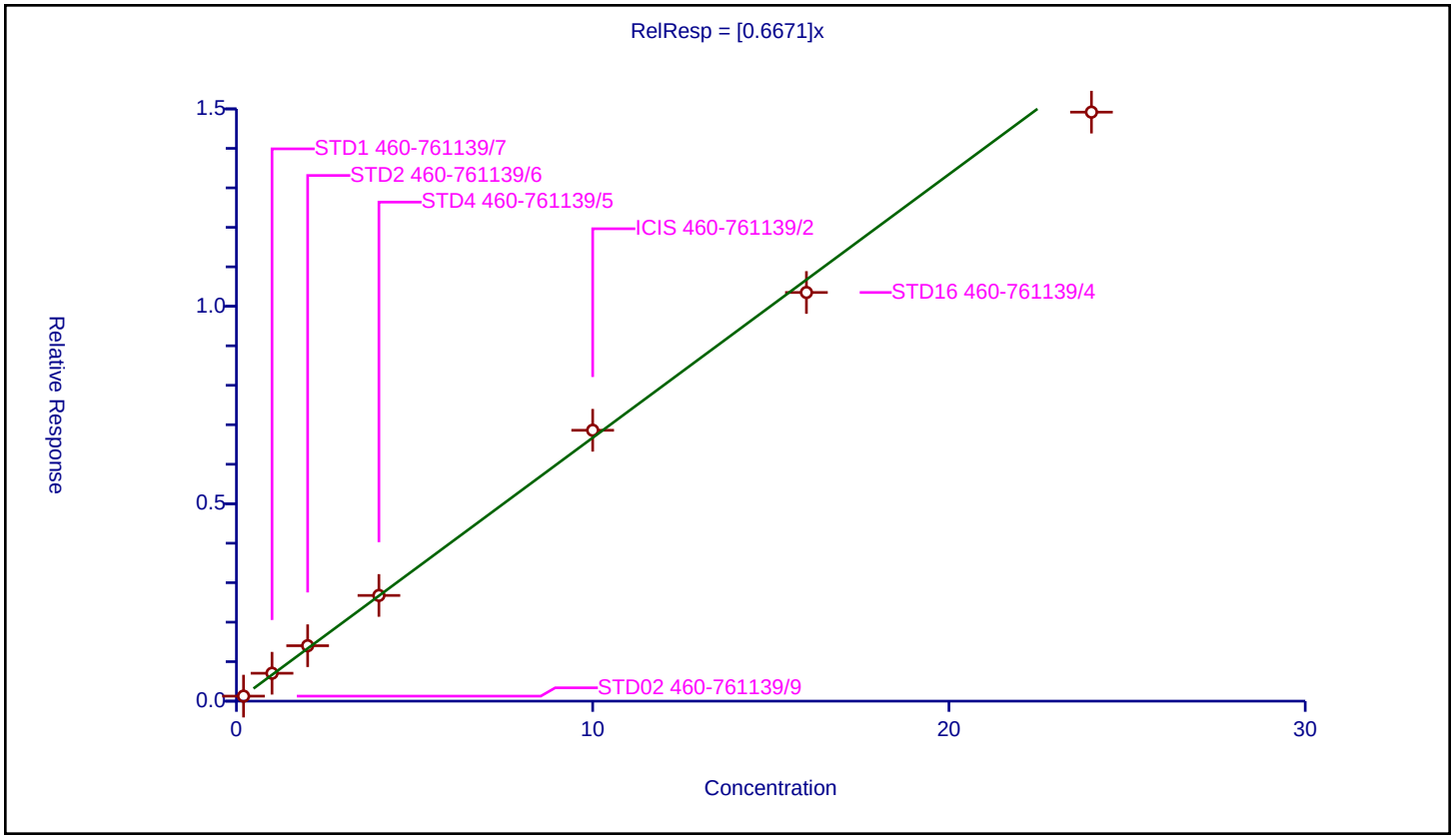
Curve Coefficients

Intercept:	0
Slope:	0.6671

Error Coefficients

Standard Error:	983000
Relative Standard Error:	4.9
Correlation Coefficient:	0.952
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.127454	8.0	930719.0	0.637271	Y
2	STD1 460-761139/7	1.0	0.706751	8.0	941899.0	0.706751	Y
3	STD2 460-761139/6	2.0	1.404053	8.0	965764.0	0.702027	Y
4	STD4 460-761139/5	4.0	2.677193	8.0	1004933.0	0.669298	Y
5	ICIS 460-761139/2	10.0	6.860792	8.0	1049136.0	0.686079	Y
6	STD16 460-761139/4	16.0	10.350317	8.0	1156610.0	0.646895	Y
7	STD24 460-761139/3	24.0	14.917744	8.0	864121.0	0.621573	Y



Calibration / 1,2,4,5-Tetrachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

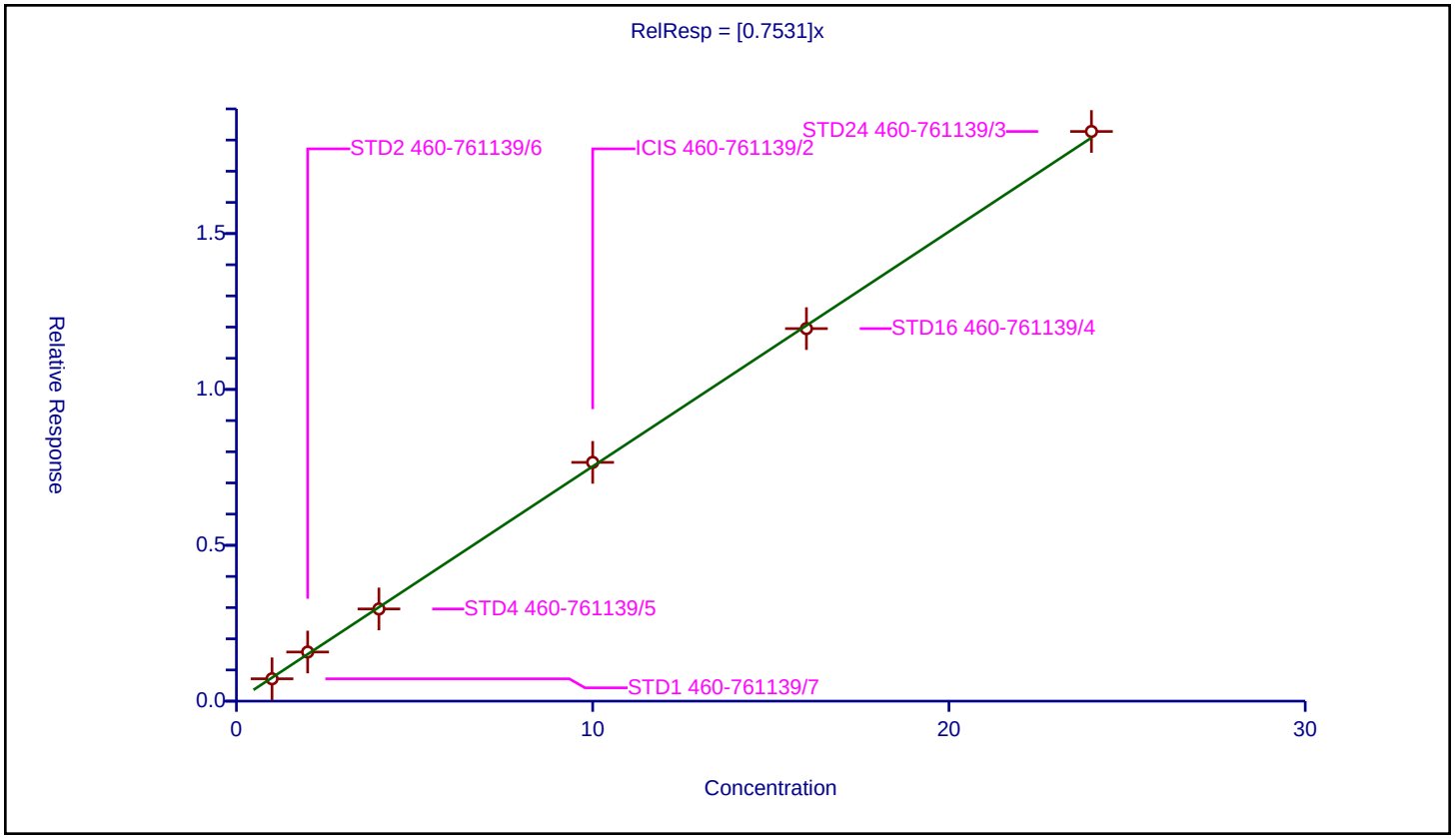
Curve Coefficients

Intercept:	0
Slope:	0.7531

Error Coefficients

Standard Error:	619000
Relative Standard Error:	3.2
Correlation Coefficient:	0.946
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.716992	8.0	512921.0	0.716992	Y
2	STD2 460-761139/6	2.0	1.575677	8.0	495594.0	0.787838	Y
3	STD4 460-761139/5	4.0	2.957273	8.0	518951.0	0.739318	Y
4	ICIS 460-761139/2	10.0	7.65995	8.0	536416.0	0.765995	Y
5	STD16 460-761139/4	16.0	11.951261	8.0	575308.0	0.746954	Y
6	STD24 460-761139/3	24.0	18.275522	8.0	407611.0	0.76148	Y



Calibration / Hexachlorocyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

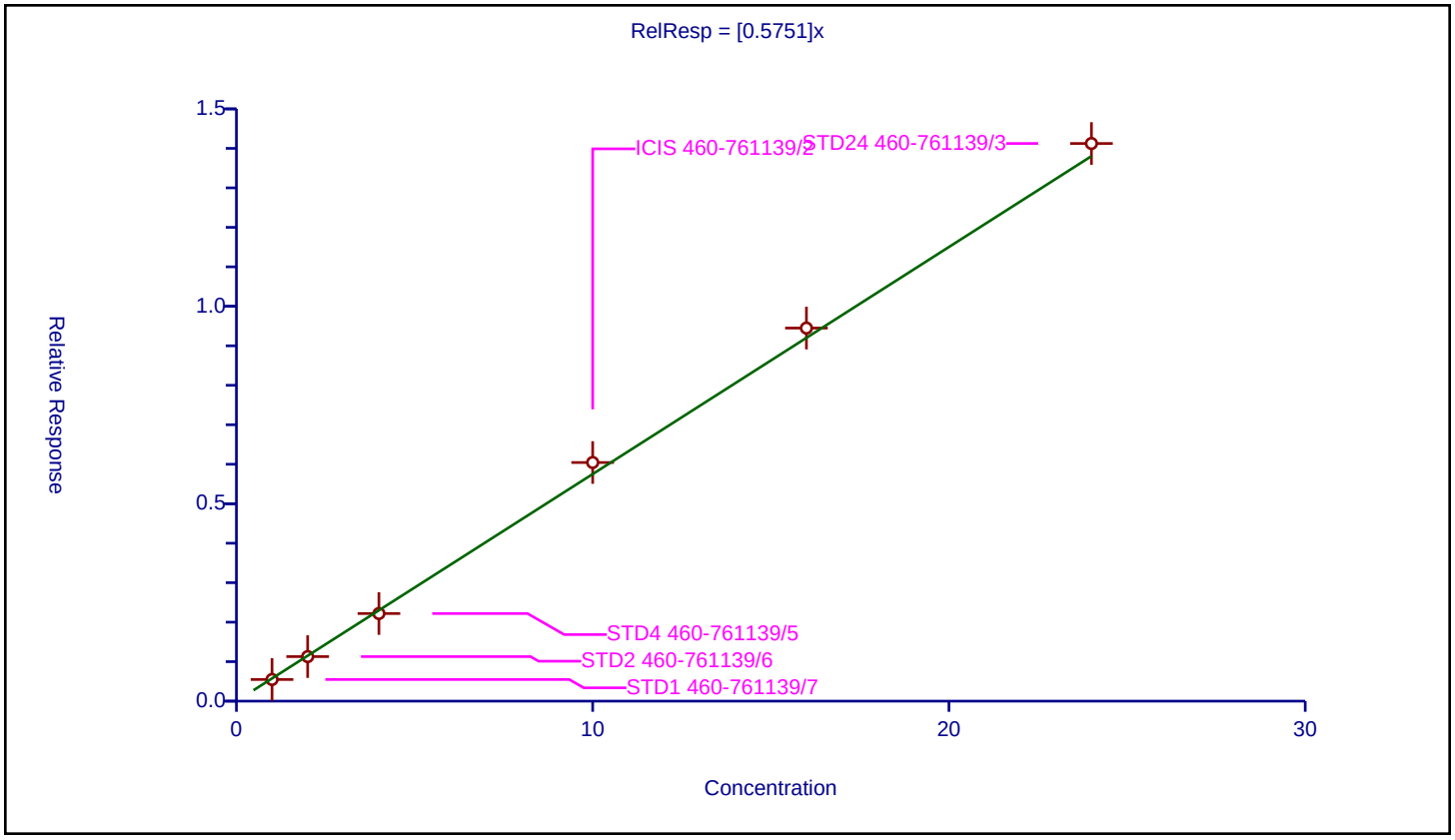
Curve Coefficients

Intercept:	0
Slope:	0.5751

Error Coefficients

Standard Error:	484000
Relative Standard Error:	3.9
Correlation Coefficient:	0.938
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.548389	8.0	512921.0	0.548389	Y
2	STD2 460-761139/6	2.0	1.128117	8.0	495594.0	0.564058	Y
3	STD4 460-761139/5	4.0	2.21903	8.0	518951.0	0.554758	Y
4	ICIS 460-761139/2	10.0	6.04407	8.0	536416.0	0.604407	Y
5	STD16 460-761139/4	16.0	9.448741	8.0	575308.0	0.590546	Y
6	STD24 460-761139/3	24.0	14.123544	8.0	407611.0	0.588481	Y



Calibration / 2-tertbutyl-4-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

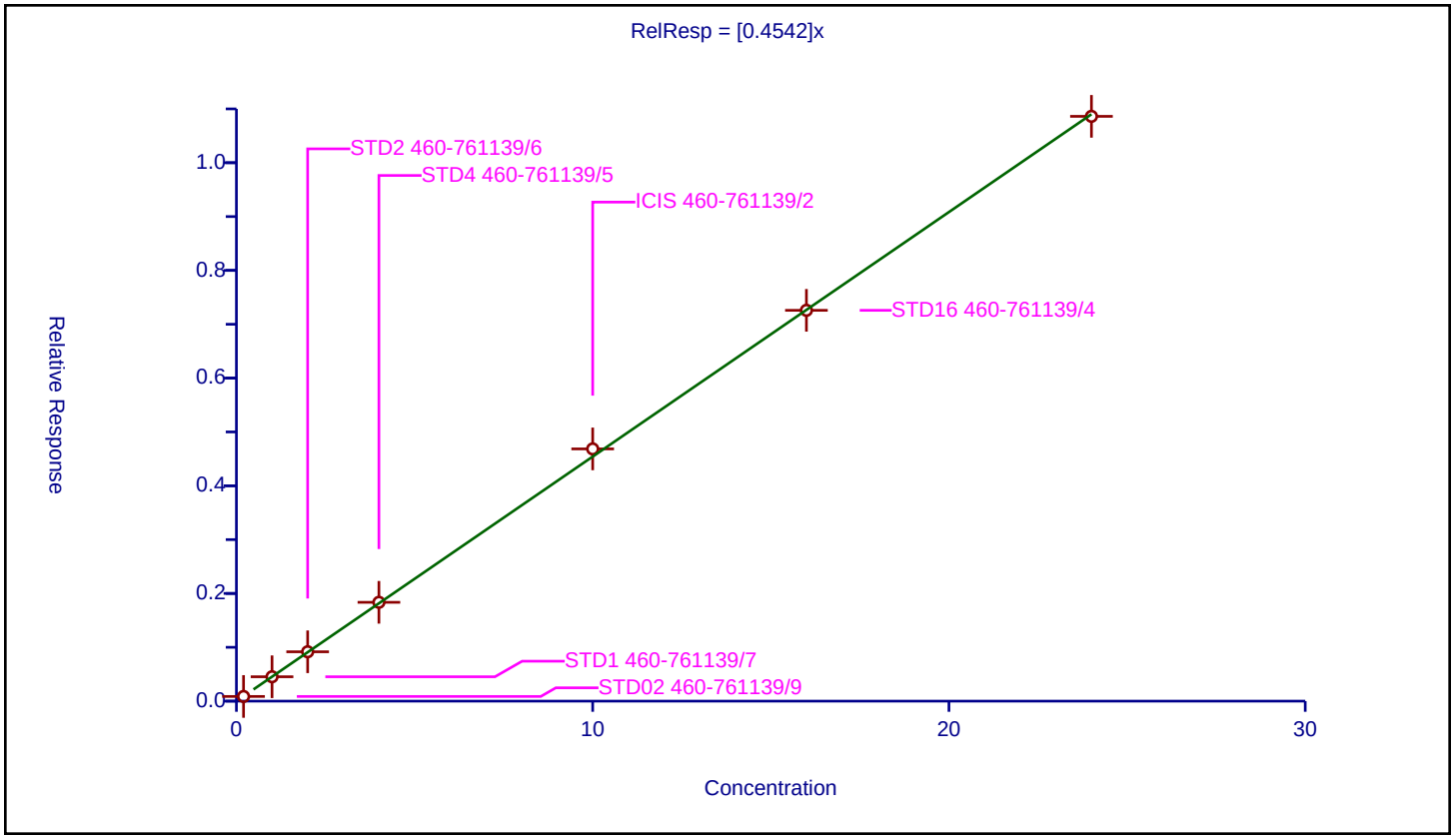
Curve Coefficients

Intercept:	0
Slope:	0.4542

Error Coefficients

Standard Error:	698000
Relative Standard Error:	2.3
Correlation Coefficient:	0.964
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.086858	8.0	930719.0	0.434288	Y
2	STD1 460-761139/7	1.0	0.452991	8.0	941899.0	0.452991	Y
3	STD2 460-761139/6	2.0	0.916978	8.0	965764.0	0.458489	Y
4	STD4 460-761139/5	4.0	1.835386	8.0	1004933.0	0.458847	Y
5	ICIS 460-761139/2	10.0	4.684861	8.0	1049136.0	0.468486	Y
6	STD16 460-761139/4	16.0	7.258564	8.0	1156610.0	0.45366	Y
7	STD24 460-761139/3	24.0	10.861414	8.0	864121.0	0.452559	Y



Calibration / 2,4,6-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

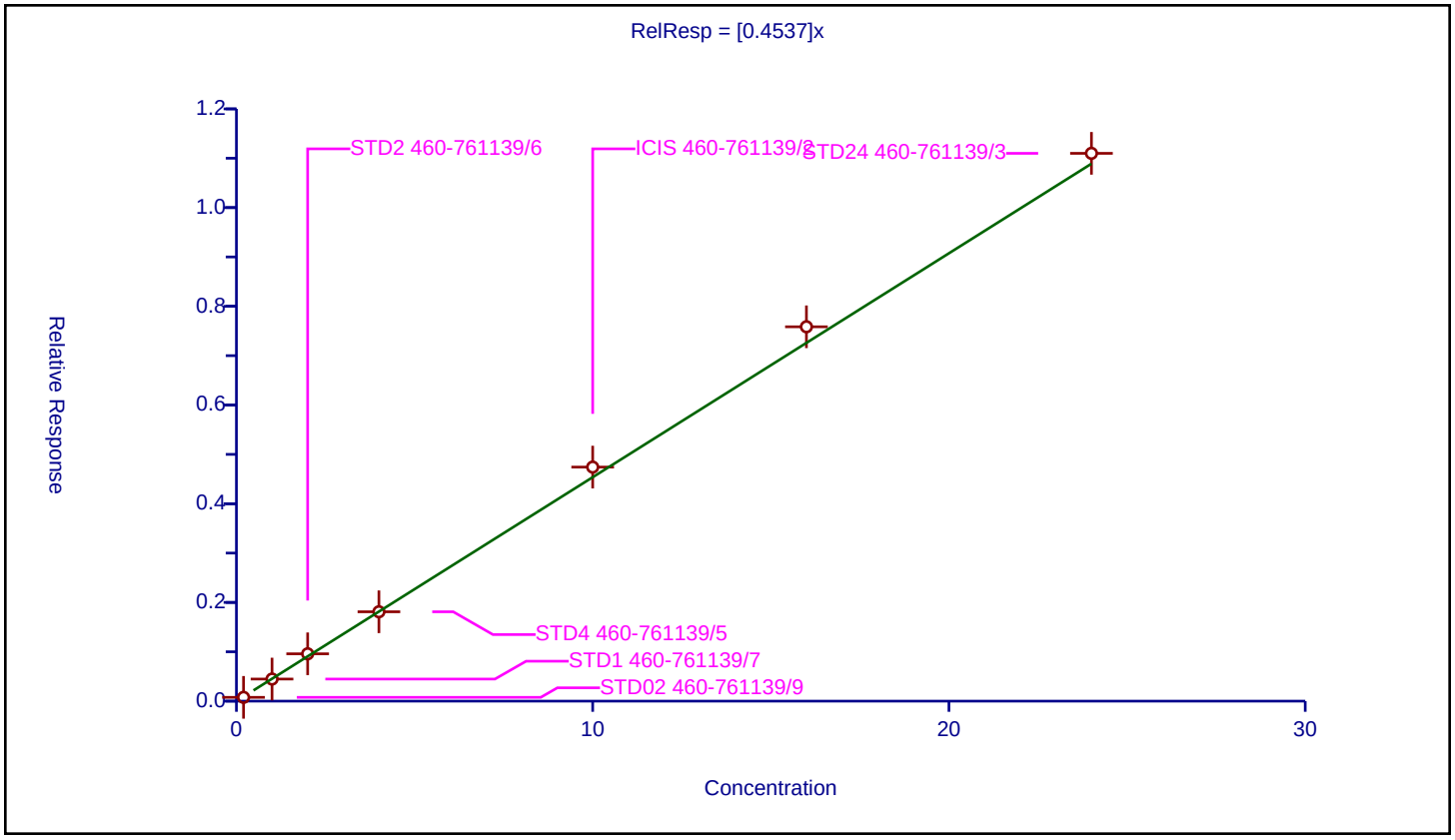
Curve Coefficients

Intercept:	0
Slope:	0.4537

Error Coefficients

Standard Error:	350000
Relative Standard Error:	7.2
Correlation Coefficient:	0.942
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.076995	8.0	514734.0	0.384976	Y
2	STD1 460-761139/7	1.0	0.447819	8.0	512921.0	0.447819	Y
3	STD2 460-761139/6	2.0	0.959414	8.0	495594.0	0.479707	Y
4	STD4 460-761139/5	4.0	1.810653	8.0	518951.0	0.452663	Y
5	ICIS 460-761139/2	10.0	4.742036	8.0	536416.0	0.474204	Y
6	STD16 460-761139/4	16.0	7.585224	8.0	575308.0	0.474076	Y
7	STD24 460-761139/3	24.0	11.09919	8.0	407611.0	0.462466	Y



Calibration / 2,4,5-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

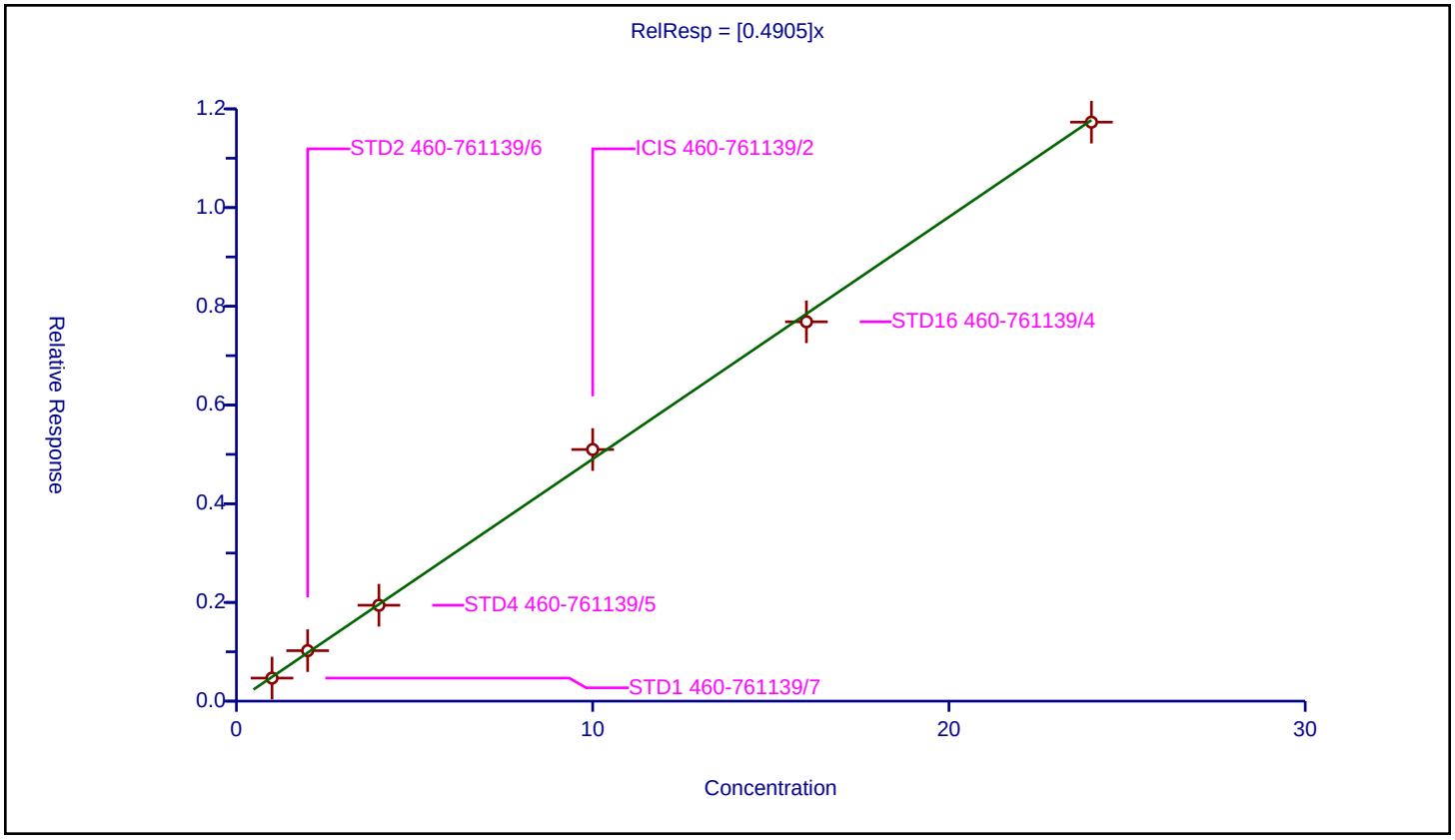
Curve Coefficients

Intercept:	0
Slope:	0.4905

Error Coefficients

Standard Error:	400000
Relative Standard Error:	3.5
Correlation Coefficient:	0.943
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.467019	8.0	512921.0	0.467019	Y
2	STD2 460-761139/6	2.0	1.022692	8.0	495594.0	0.511346	Y
3	STD4 460-761139/5	4.0	1.942842	8.0	518951.0	0.485711	Y
4	ICIS 460-761139/2	10.0	5.098178	8.0	536416.0	0.509818	Y
5	STD16 460-761139/4	16.0	7.686721	8.0	575308.0	0.48042	Y
6	STD24 460-761139/3	24.0	11.731047	8.0	407611.0	0.488794	Y



Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

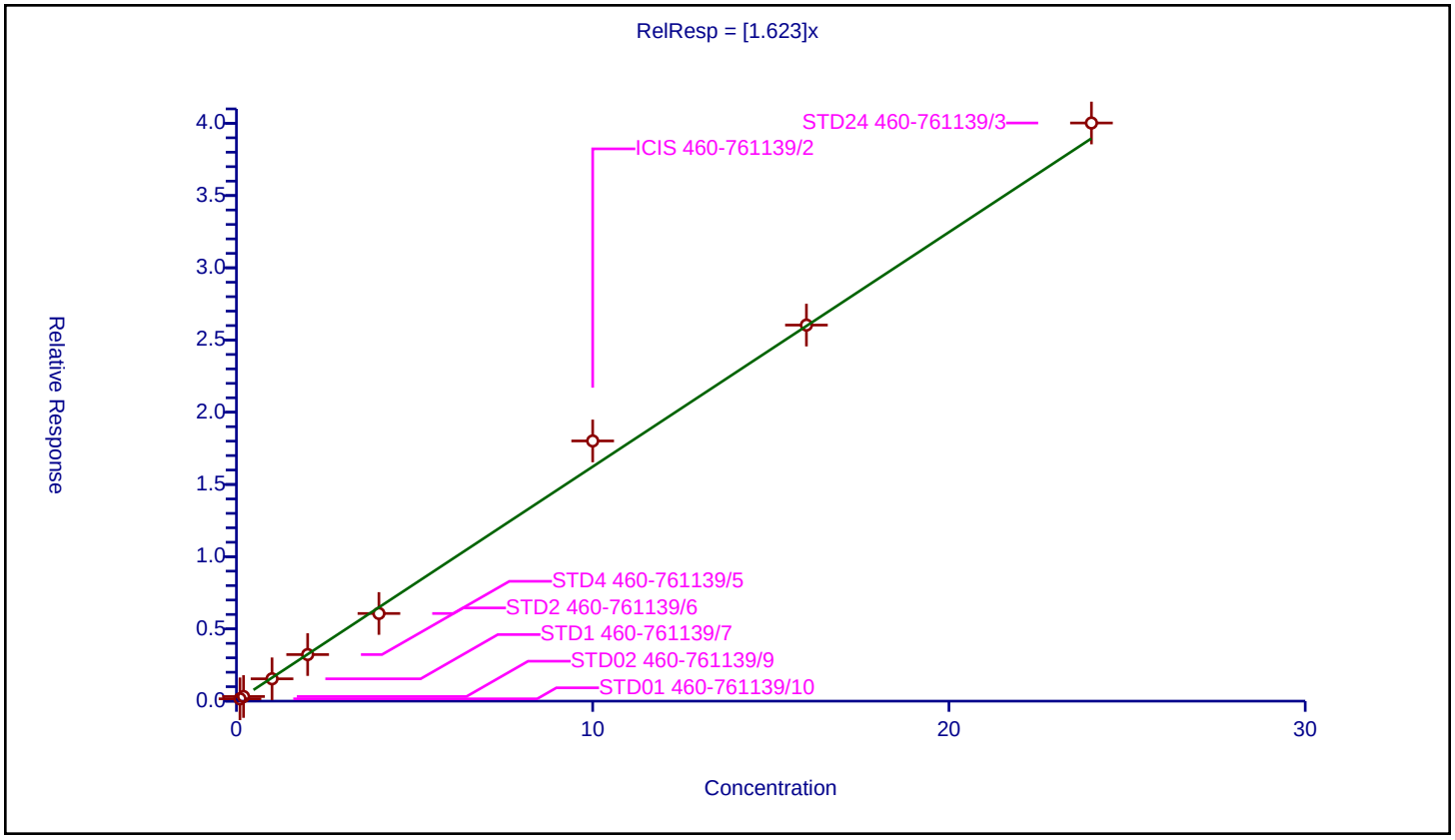
Curve Coefficients

Intercept:	0
Slope:	1.623

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	5.3
Correlation Coefficient:	0.955
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.161591	8.0	565923.0	1.615909	Y
2	STD02 460-761139/9	0.2	0.319513	8.0	514734.0	1.597563	Y
3	STD1 460-761139/7	1.0	1.546515	8.0	512921.0	1.546515	Y
4	STD2 460-761139/6	2.0	3.224591	8.0	495594.0	1.612296	Y
5	STD4 460-761139/5	4.0	6.069475	8.0	518951.0	1.517369	Y
6	ICIS 460-761139/2	10.0	18.012334	8.0	536416.0	1.801233	Y
7	STD16 460-761139/4	16.0	26.034069	8.0	575308.0	1.627129	Y
8	STD24 460-761139/3	24.0	40.023689	8.0	407611.0	1.667654	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

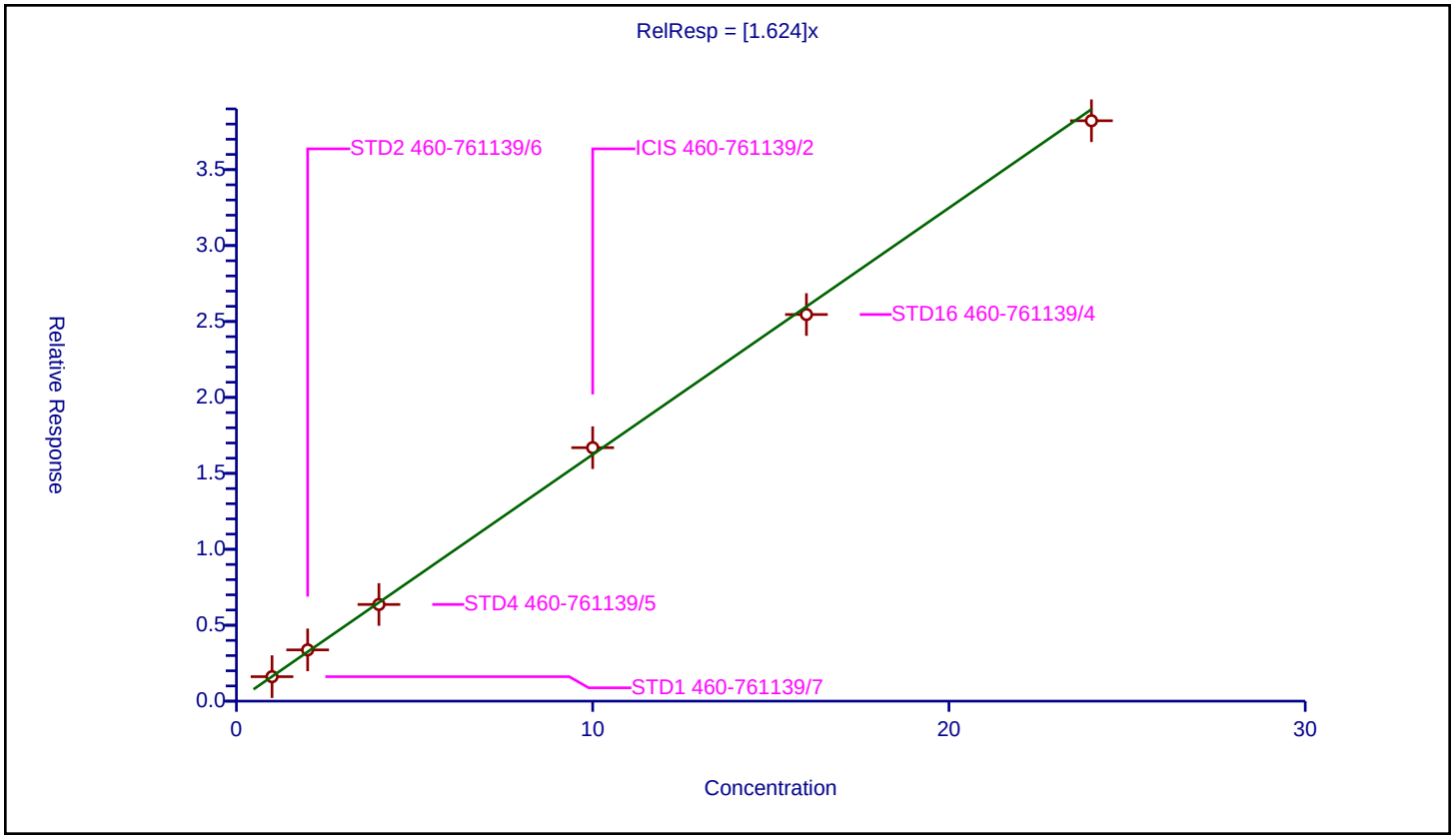
Curve Coefficients

Intercept:	0
Slope:	1.624

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	2.7
Correlation Coefficient:	0.938
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.611211	8.0	512921.0	1.611211	Y
2	STD2 460-761139/6	2.0	3.375973	8.0	495594.0	1.687987	Y
3	STD4 460-761139/5	4.0	6.365472	8.0	518951.0	1.591368	Y
4	ICIS 460-761139/2	10.0	16.689838	8.0	536416.0	1.668984	Y
5	STD16 460-761139/4	16.0	25.460616	8.0	575308.0	1.591288	Y
6	STD24 460-761139/3	24.0	38.220107	8.0	407611.0	1.592504	Y



Calibration / 2-Chloronaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

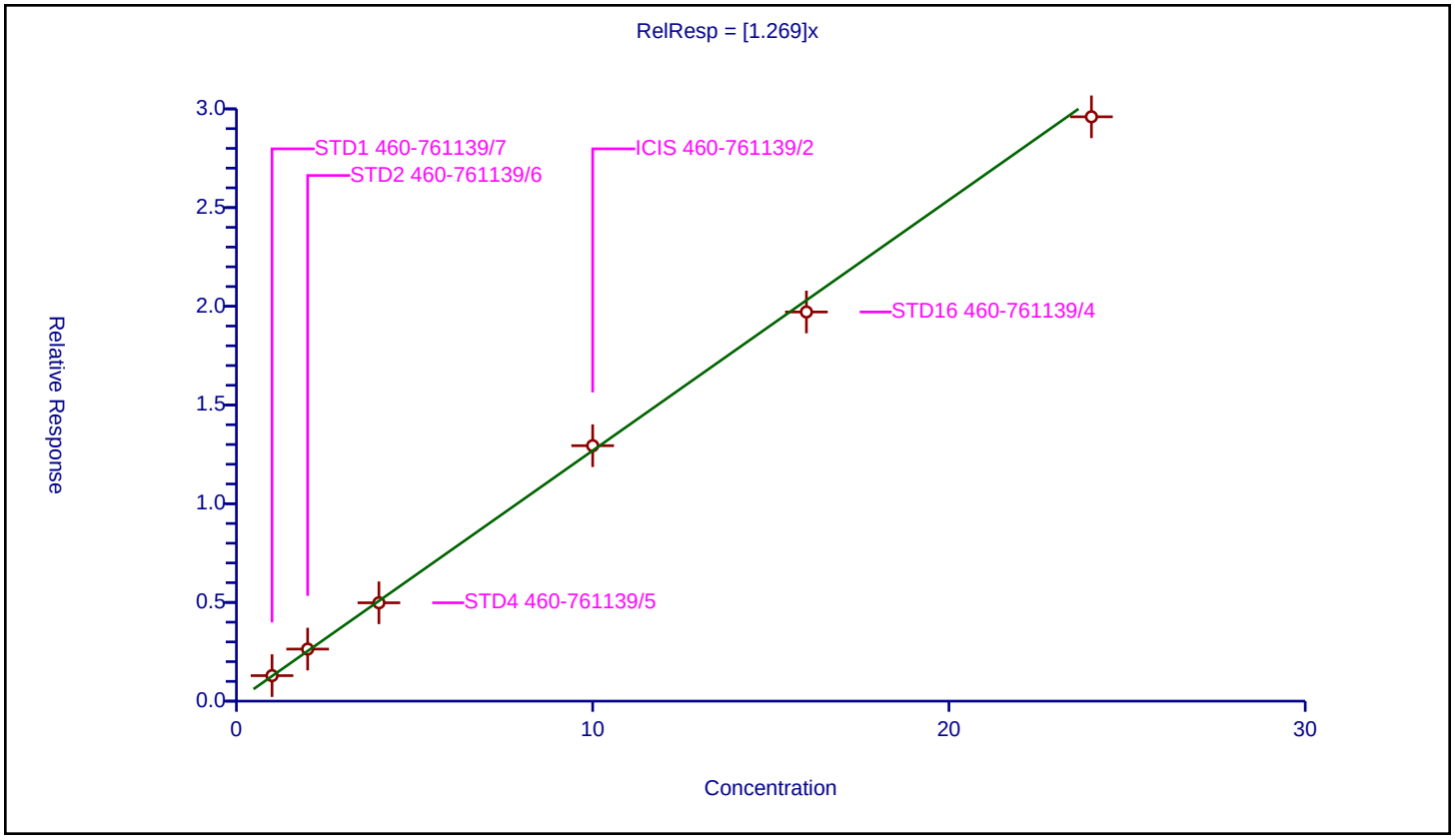
Curve Coefficients

Intercept:	0
Slope:	1.269

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	2.9
Correlation Coefficient:	0.938
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.291489	8.0	512921.0	1.291489	Y
2	STD2 460-761139/6	2.0	2.63753	8.0	495594.0	1.318765	Y
3	STD4 460-761139/5	4.0	4.98185	8.0	518951.0	1.245462	Y
4	ICIS 460-761139/2	10.0	12.939868	8.0	536416.0	1.293987	Y
5	STD16 460-761139/4	16.0	19.713016	8.0	575308.0	1.232064	Y
6	STD24 460-761139/3	24.0	29.59926	8.0	407611.0	1.233303	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

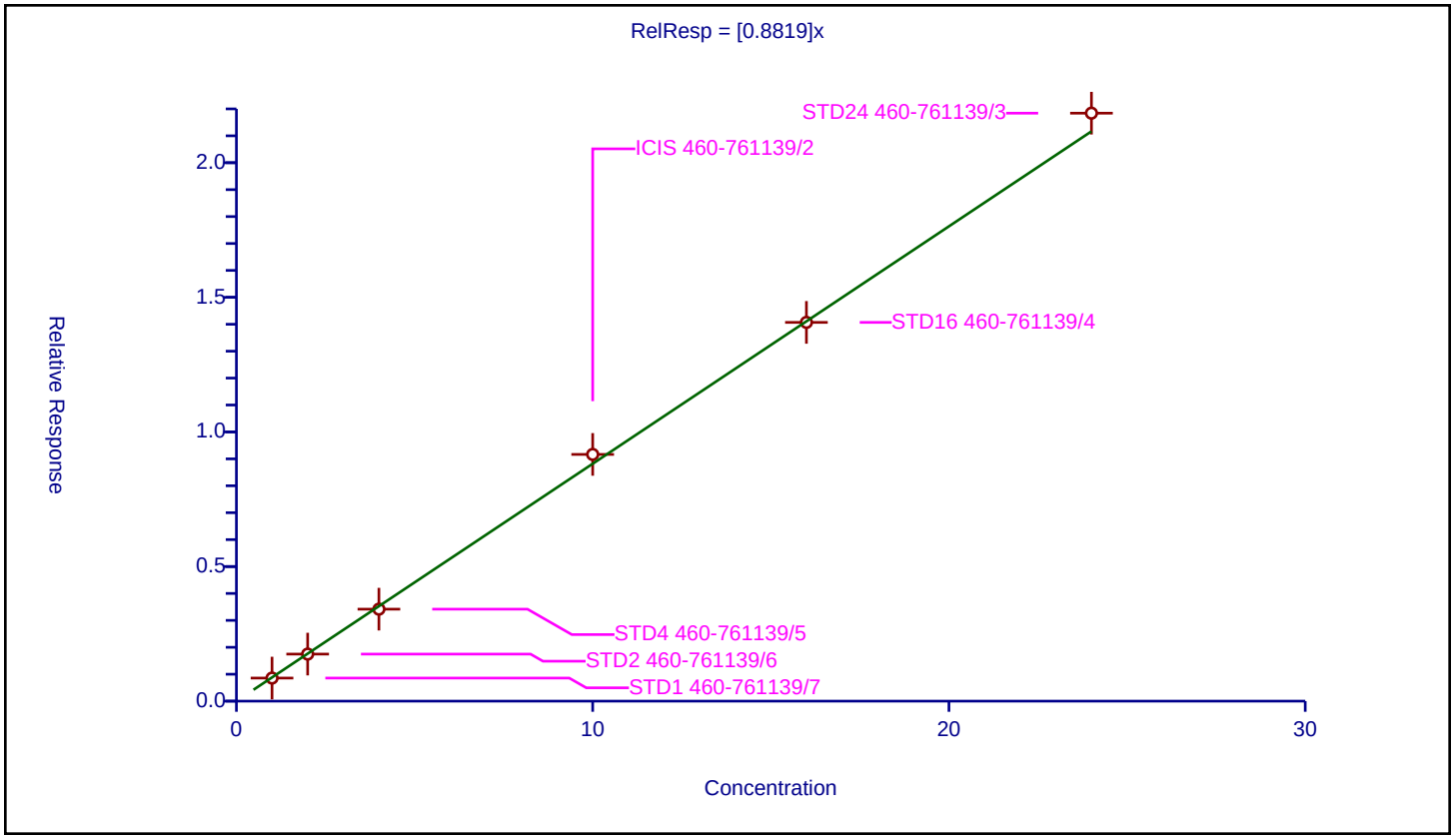
Curve Coefficients

Intercept:	0
Slope:	0.8819

Error Coefficients

Standard Error:	735000
Relative Standard Error:	3.0
Correlation Coefficient:	0.950
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.857192	8.0	512921.0	0.857192	Y
2	STD2 460-761139/6	2.0	1.747785	8.0	495594.0	0.873893	Y
3	STD4 460-761139/5	4.0	3.417109	8.0	518951.0	0.854277	Y
4	ICIS 460-761139/2	10.0	9.164842	8.0	536416.0	0.916484	Y
5	STD16 460-761139/4	16.0	14.068874	8.0	575308.0	0.879305	Y
6	STD24 460-761139/3	24.0	21.840883	8.0	407611.0	0.910037	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

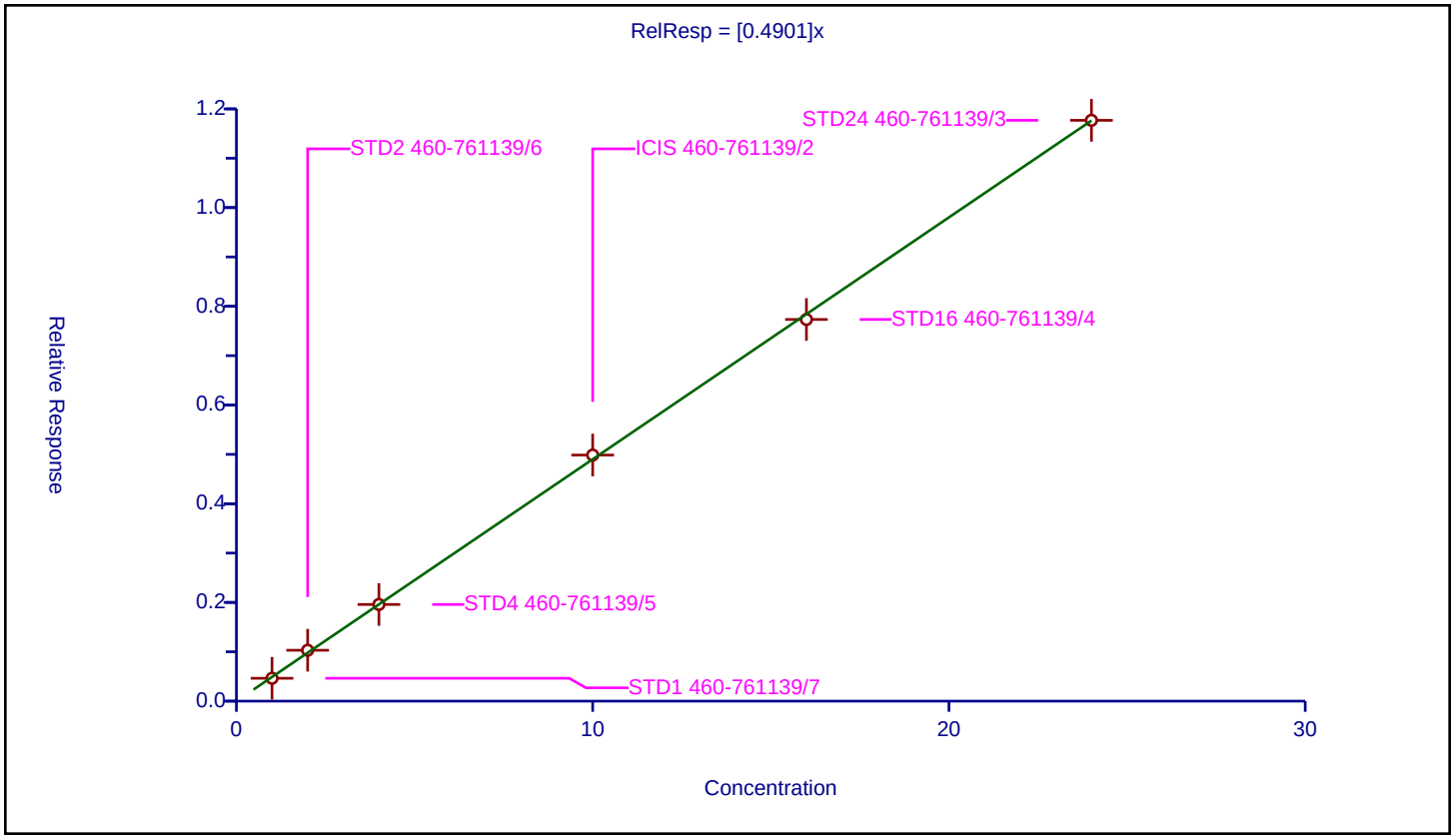
Curve Coefficients

Intercept:	0
Slope:	0.4901

Error Coefficients

Standard Error:	400000
Relative Standard Error:	3.5
Correlation Coefficient:	0.944
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.463136	8.0	512921.0	0.463136	Y
2	STD2 460-761139/6	2.0	1.03086	8.0	495594.0	0.51543	Y
3	STD4 460-761139/5	4.0	1.958674	8.0	518951.0	0.489669	Y
4	ICIS 460-761139/2	10.0	4.986085	8.0	536416.0	0.498609	Y
5	STD16 460-761139/4	16.0	7.73375	8.0	575308.0	0.483359	Y
6	STD24 460-761139/3	24.0	11.768711	8.0	407611.0	0.490363	Y



Calibration / 1,3-Dimethylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

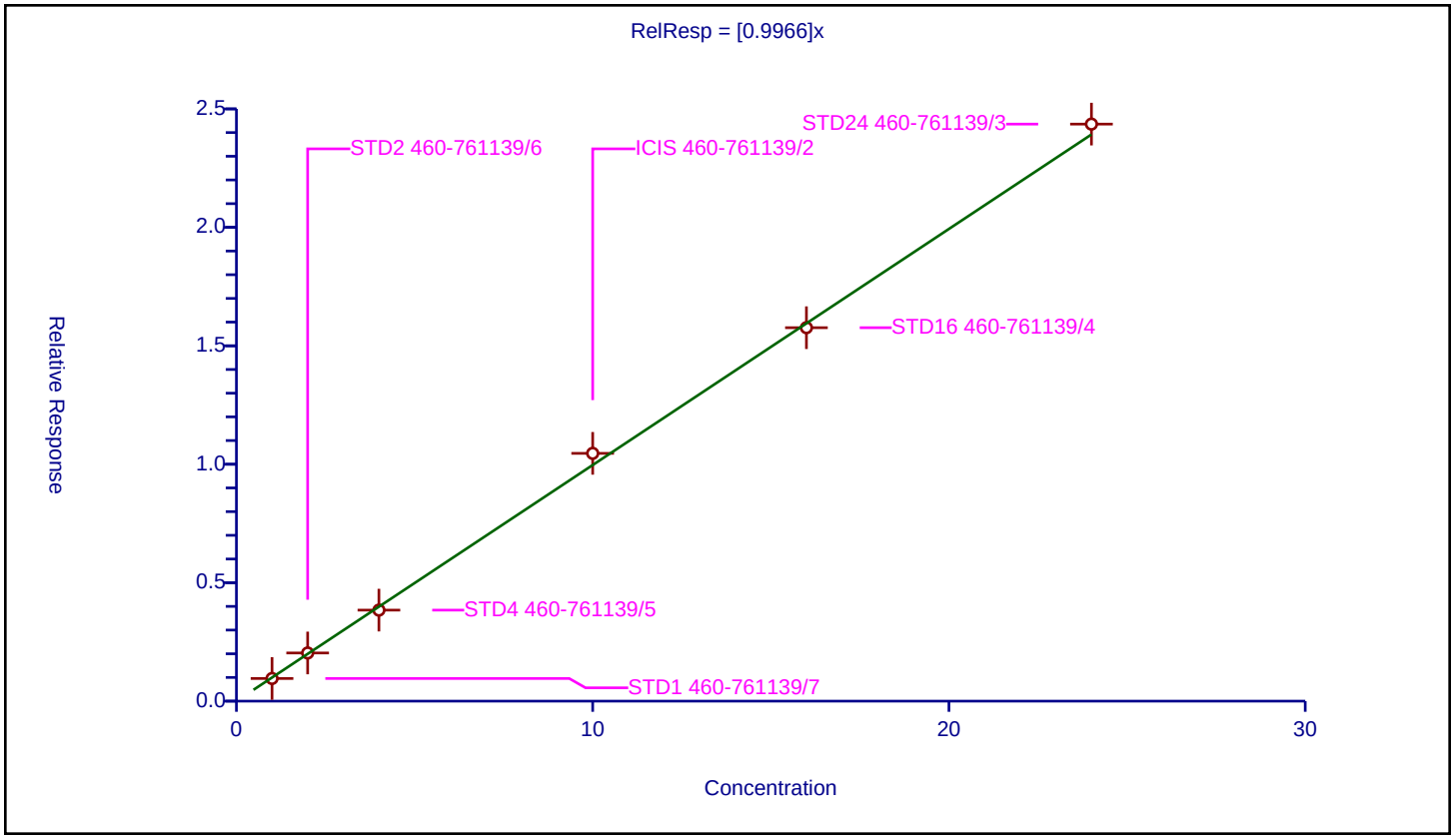
Curve Coefficients

Intercept:	0
Slope:	0.9966

Error Coefficients

Standard Error:	824000
Relative Standard Error:	3.5
Correlation Coefficient:	0.947
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.956576	8.0	512921.0	0.956576	Y
2	STD2 460-761139/6	2.0	2.032922	8.0	495594.0	1.016461	Y
3	STD4 460-761139/5	4.0	3.842382	8.0	518951.0	0.960596	Y
4	ICIS 460-761139/2	10.0	10.459792	8.0	536416.0	1.045979	Y
5	STD16 460-761139/4	16.0	15.764286	8.0	575308.0	0.985268	Y
6	STD24 460-761139/3	24.0	24.357831	8.0	407611.0	1.01491	Y



Calibration / Dimethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

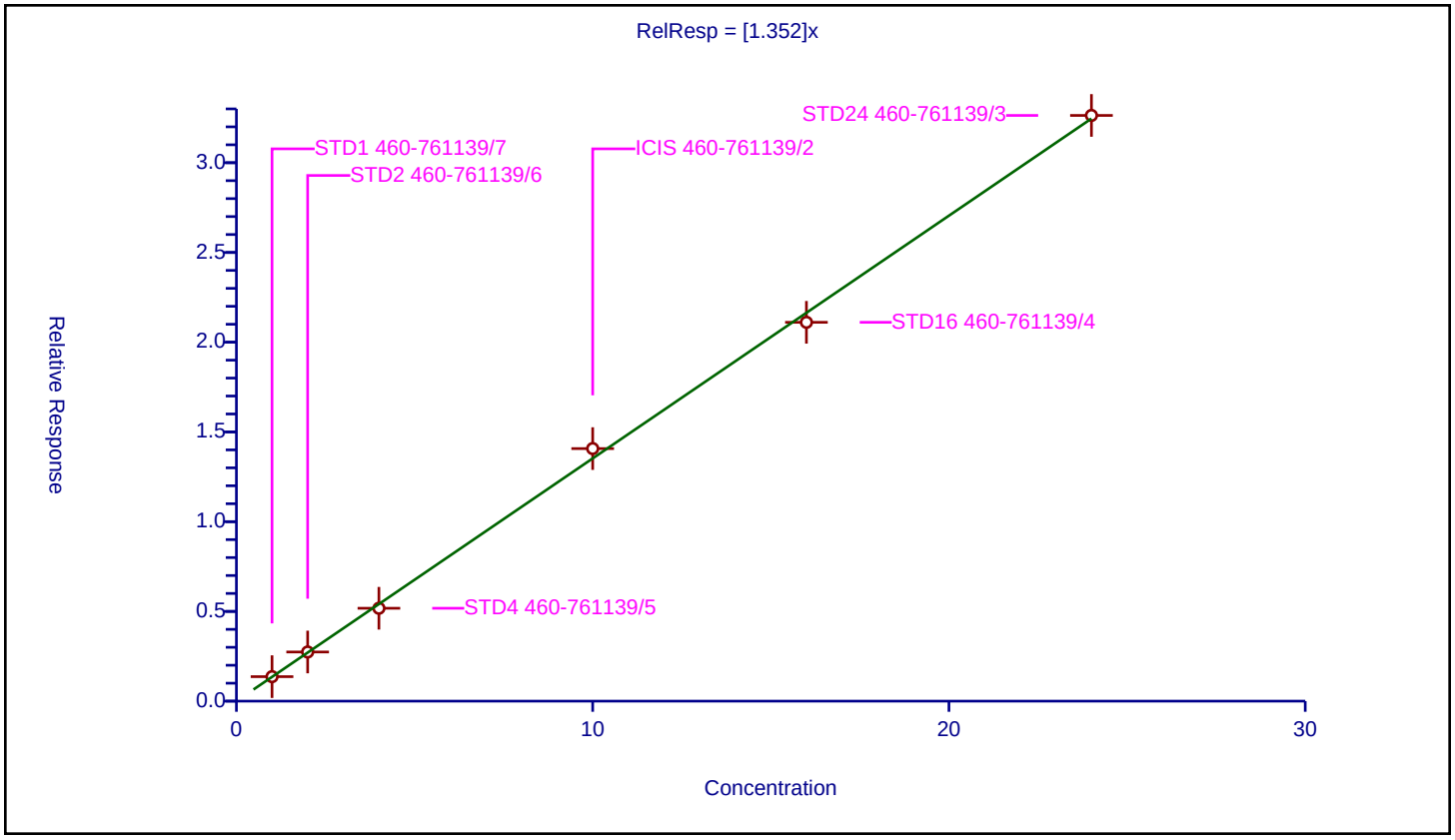
Curve Coefficients

Intercept:	0
Slope:	1.352

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	3.0
Correlation Coefficient:	0.947
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.36492	8.0	512921.0	1.36492	Y
2	STD2 460-761139/6	2.0	2.739339	8.0	495594.0	1.36967	Y
3	STD4 460-761139/5	4.0	5.175564	8.0	518951.0	1.293891	Y
4	ICIS 460-761139/2	10.0	14.072078	8.0	536416.0	1.407208	Y
5	STD16 460-761139/4	16.0	21.108457	8.0	575308.0	1.319279	Y
6	STD24 460-761139/3	24.0	32.634998	8.0	407611.0	1.359792	Y



Calibration / Coumarin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

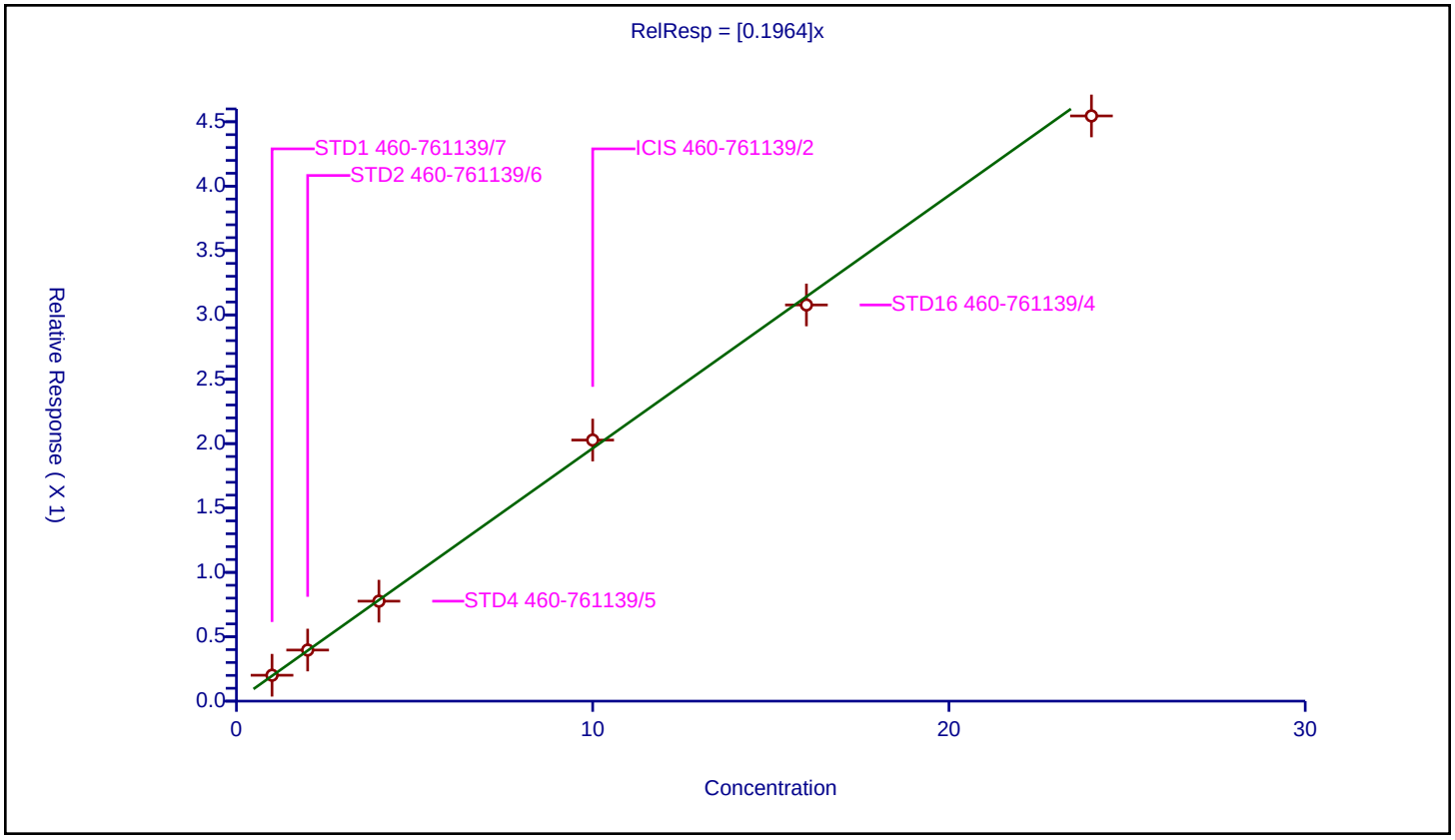
Curve Coefficients

Intercept:	0
Slope:	0.1964

Error Coefficients

Standard Error:	323000
Relative Standard Error:	2.7
Correlation Coefficient:	0.952
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.201211	8.0	941899.0	0.201211	Y
2	STD2 460-761139/6	2.0	0.396851	8.0	965764.0	0.198425	Y
3	STD4 460-761139/5	4.0	0.776474	8.0	1004933.0	0.194118	Y
4	ICIS 460-761139/2	10.0	2.027863	8.0	1049136.0	0.202786	Y
5	STD16 460-761139/4	16.0	3.077207	8.0	1156610.0	0.192325	Y
6	STD24 460-761139/3	24.0	4.545456	8.0	864121.0	0.189394	Y



Calibration / 2,6-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

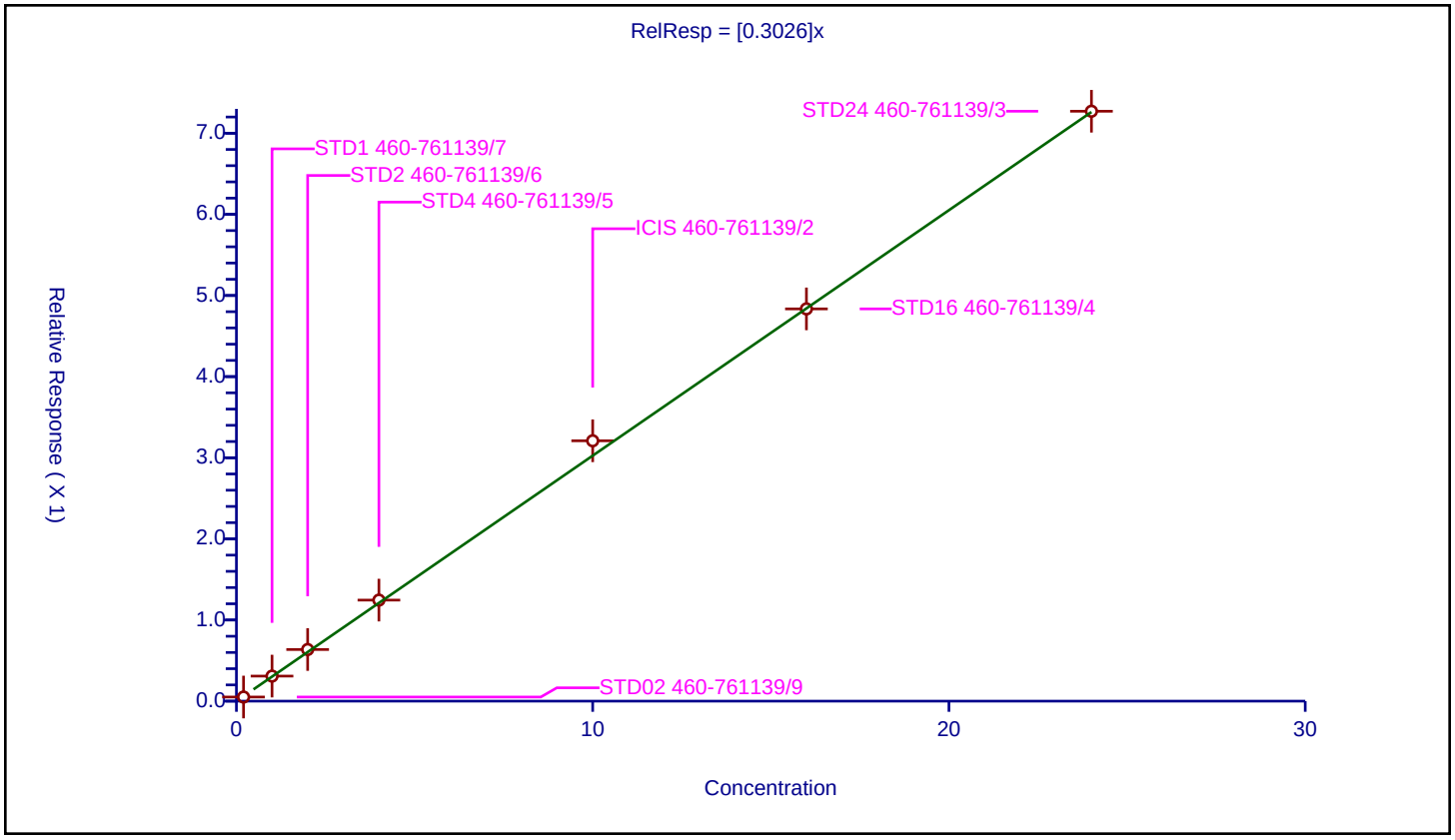
Curve Coefficients

Intercept:	0
Slope:	0.3026

Error Coefficients

Standard Error:	228000
Relative Standard Error:	7.5
Correlation Coefficient:	0.947
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.050745	8.0	514734.0	0.253723	Y
2	STD1 460-761139/7	1.0	0.308664	8.0	512921.0	0.308664	Y
3	STD2 460-761139/6	2.0	0.636376	8.0	495594.0	0.318188	Y
4	STD4 460-761139/5	4.0	1.245281	8.0	518951.0	0.31132	Y
5	ICIS 460-761139/2	10.0	3.209062	8.0	536416.0	0.320906	Y
6	STD16 460-761139/4	16.0	4.835017	8.0	575308.0	0.302189	Y
7	STD24 460-761139/3	24.0	7.27103	8.0	407611.0	0.30296	Y



Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

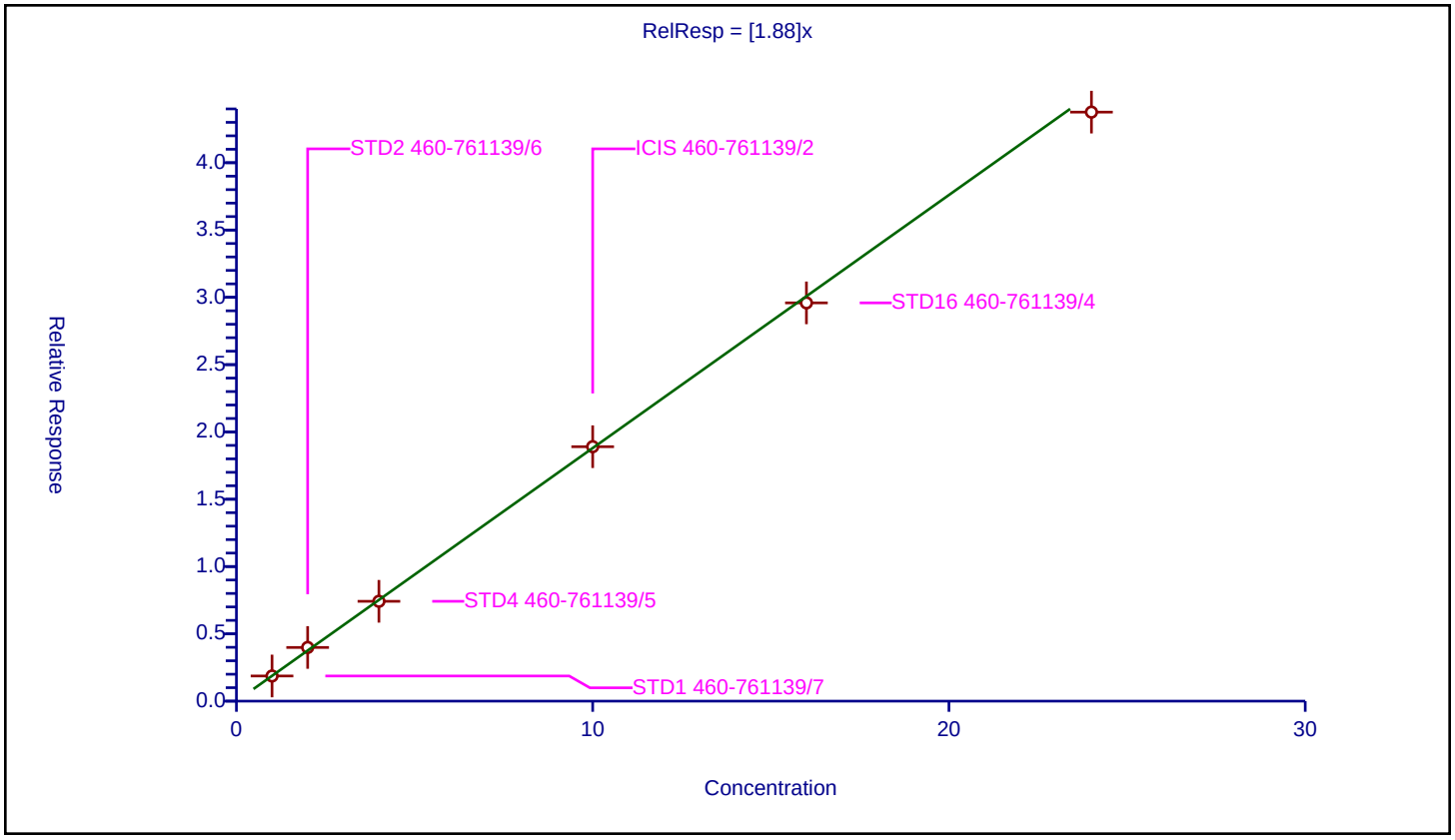
Curve Coefficients

Intercept:	0
Slope:	1.88

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	3.2
Correlation Coefficient:	0.935
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.869684	8.0	512921.0	1.869684	Y
2	STD2 460-761139/6	2.0	3.988103	8.0	495594.0	1.994052	Y
3	STD4 460-761139/5	4.0	7.4167	8.0	518951.0	1.854175	Y
4	ICIS 460-761139/2	10.0	18.902852	8.0	536416.0	1.890285	Y
5	STD16 460-761139/4	16.0	29.588561	8.0	575308.0	1.849285	Y
6	STD24 460-761139/3	24.0	43.759585	8.0	407611.0	1.823316	Y



Calibration / 3-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

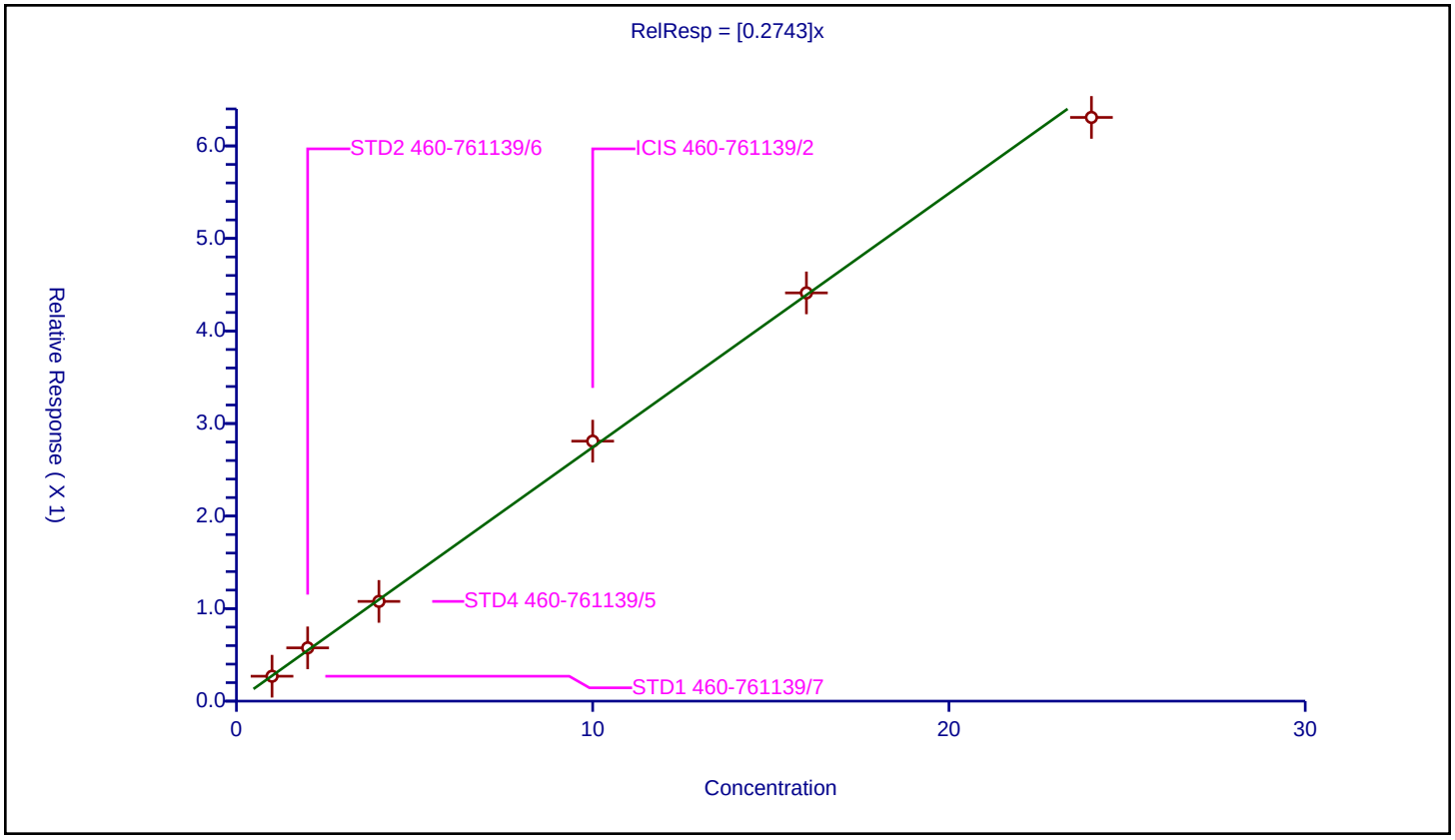
Curve Coefficients

Intercept:	0
Slope:	0.2743

Error Coefficients

Standard Error:	222000
Relative Standard Error:	3.3
Correlation Coefficient:	0.921
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.269141	8.0	512921.0	0.269141	Y
2	STD2 460-761139/6	2.0	0.575713	8.0	495594.0	0.287857	Y
3	STD4 460-761139/5	4.0	1.077635	8.0	518951.0	0.269409	Y
4	ICIS 460-761139/2	10.0	2.809372	8.0	536416.0	0.280937	Y
5	STD16 460-761139/4	16.0	4.411884	8.0	575308.0	0.275743	Y
6	STD24 460-761139/3	24.0	6.307759	8.0	407611.0	0.262823	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

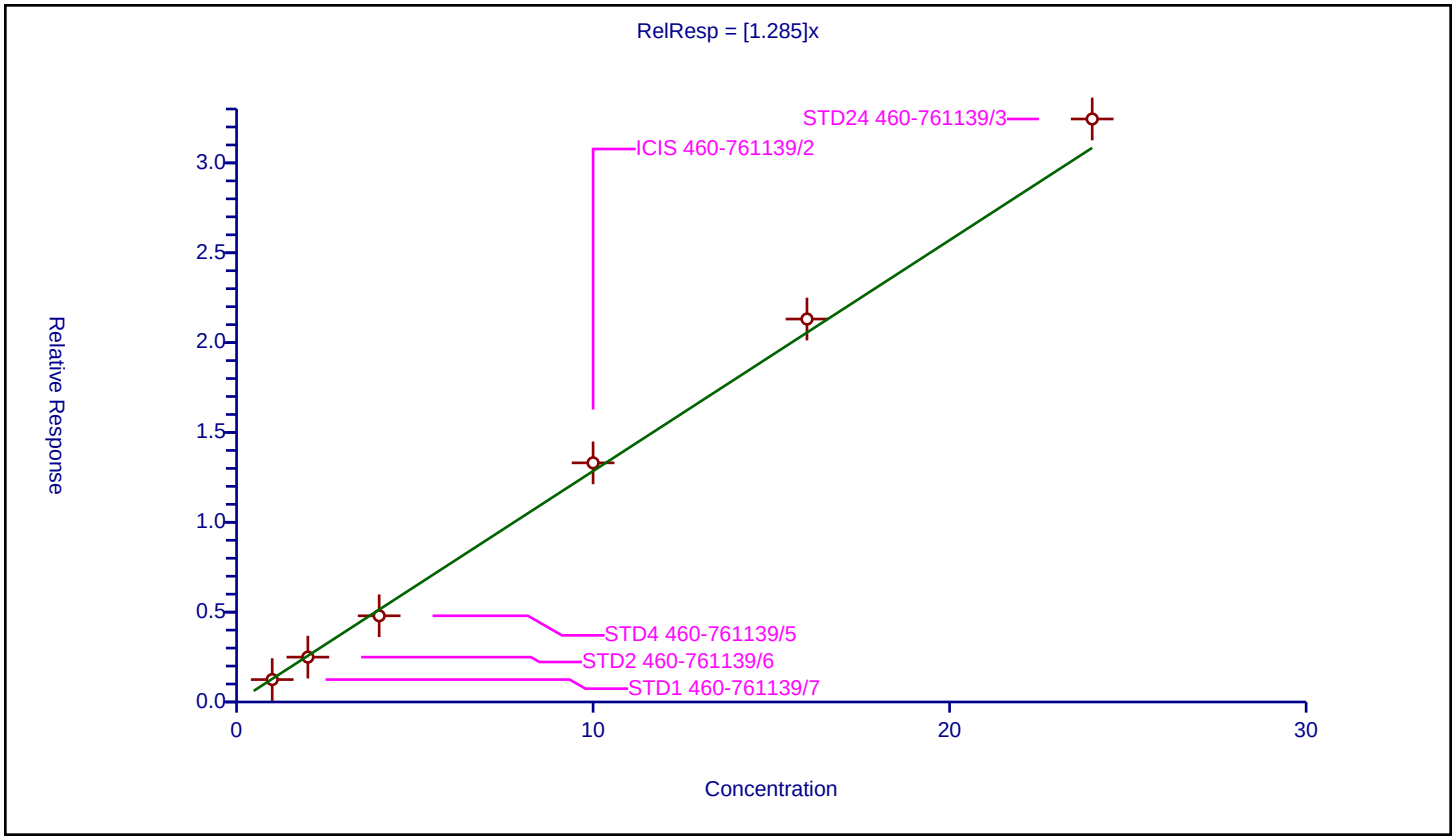
Curve Coefficients

Intercept:	0
Slope:	1.285

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	4.8
Correlation Coefficient:	0.946
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.24749	8.0	512921.0	1.24749	Y
2	STD2 460-761139/6	2.0	2.497528	8.0	495594.0	1.248764	Y
3	STD4 460-761139/5	4.0	4.796877	8.0	518951.0	1.199219	Y
4	ICIS 460-761139/2	10.0	13.308432	8.0	536416.0	1.330843	Y
5	STD16 460-761139/4	16.0	21.312313	8.0	575308.0	1.33202	Y
6	STD24 460-761139/3	24.0	32.444777	8.0	407611.0	1.351866	Y



Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

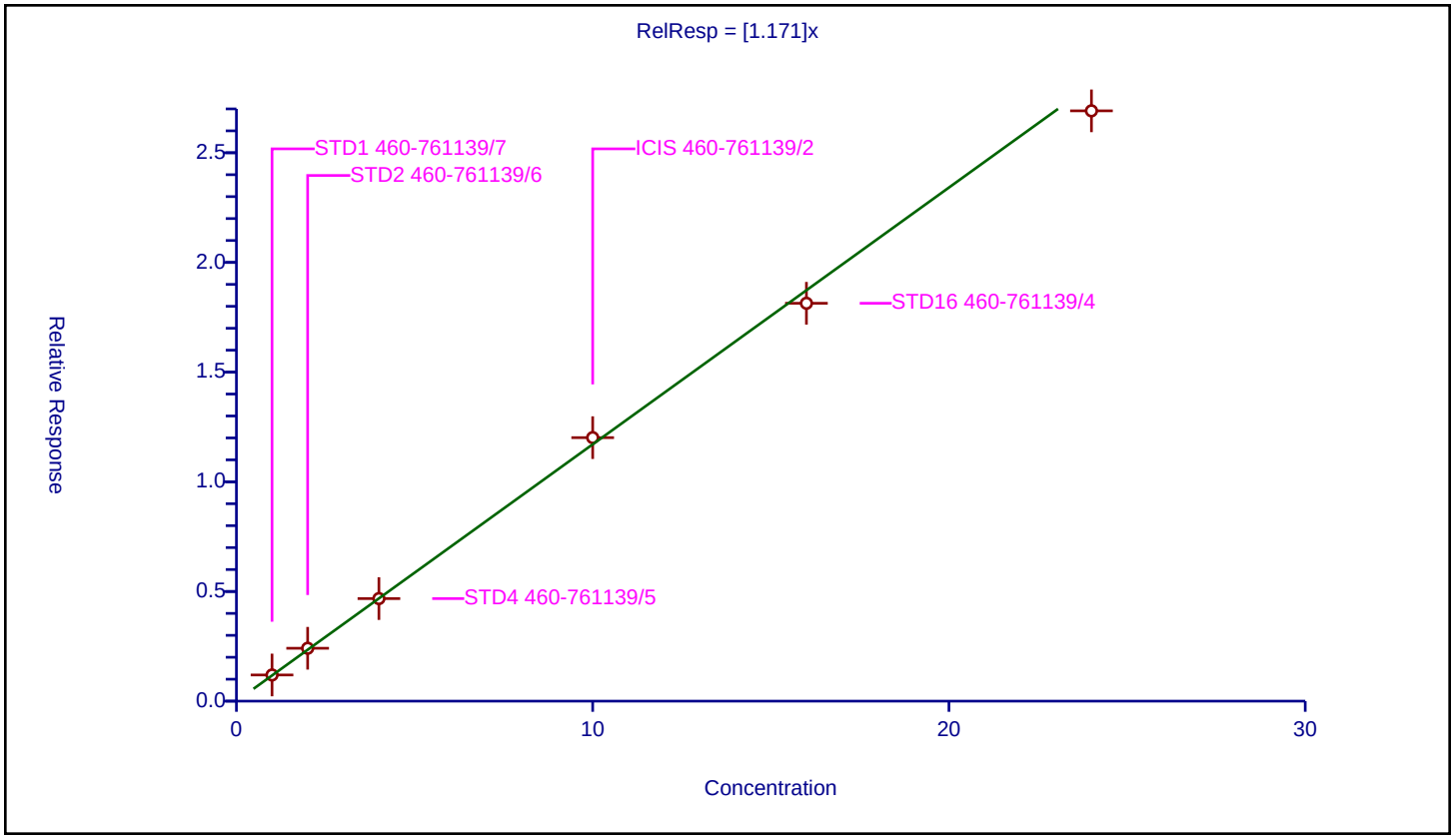
Curve Coefficients

Intercept:	0
Slope:	1.171

Error Coefficients

Standard Error:	933000
Relative Standard Error:	3.1
Correlation Coefficient:	0.933
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.193447	8.0	512921.0	1.193447	Y
2	STD2 460-761139/6	2.0	2.411199	8.0	495594.0	1.2056	Y
3	STD4 460-761139/5	4.0	4.675941	8.0	518951.0	1.168985	Y
4	ICIS 460-761139/2	10.0	12.012796	8.0	536416.0	1.20128	Y
5	STD16 460-761139/4	16.0	18.138847	8.0	575308.0	1.133678	Y
6	STD24 460-761139/3	24.0	26.911011	8.0	407611.0	1.121292	Y



Calibration / 2,4-Dinitrophenol

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

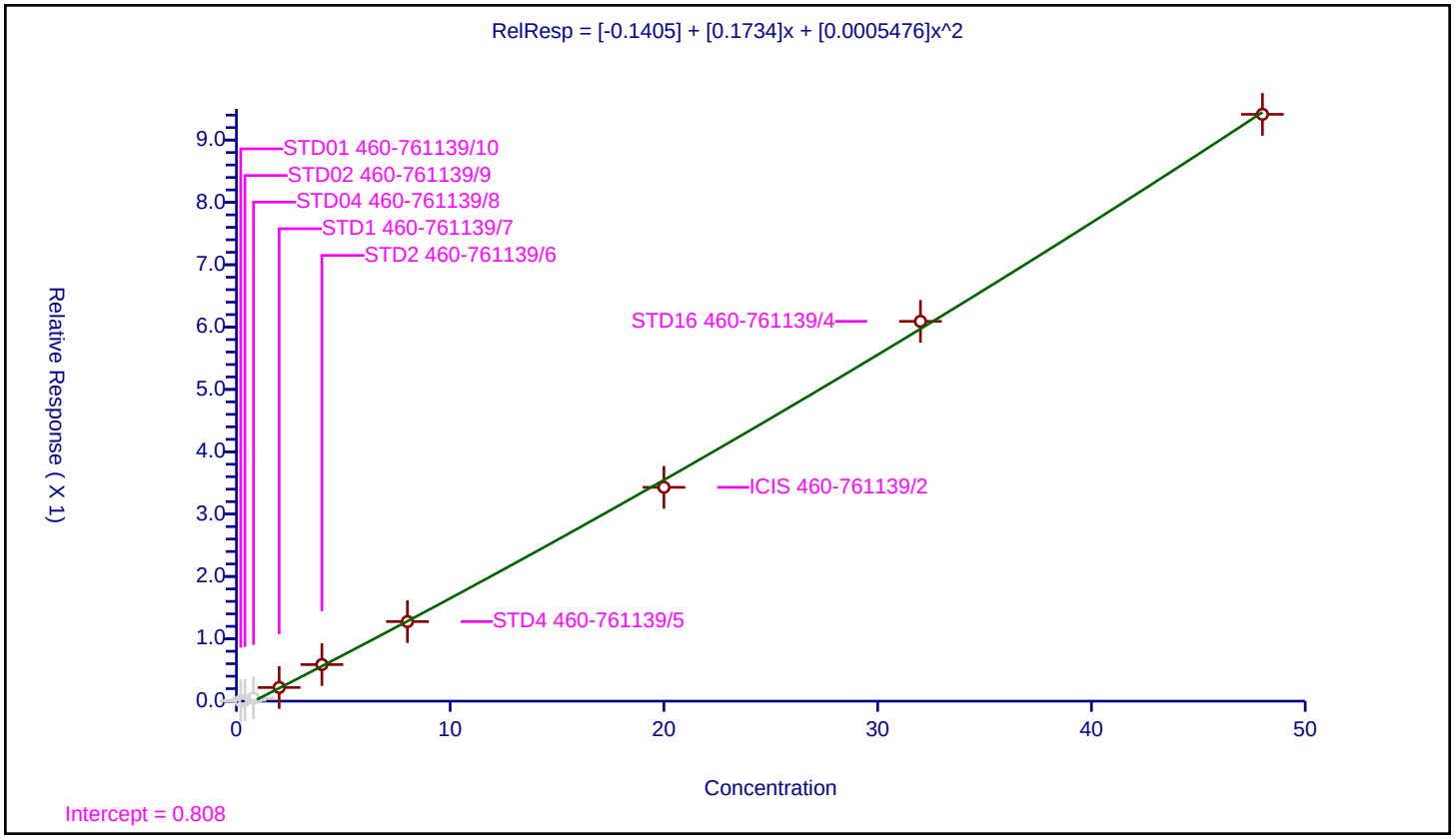
Curve Coefficients

Intercept:	-0.1405
Slope:	0.1734
Second Order:	0.0005476

Error Coefficients

Standard Error:	401000
Relative Standard Error:	3.3
Correlation Coefficient:	0.941
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.2	0.003223	8.0	565923.0	0.016115	N
2	STD02 460-761139/9	0.4	0.015387	8.0	514734.0	0.038466	N
3	STD04 460-761139/8	0.8	0.048096	8.0	555883.0	0.060121	N
4	STD1 460-761139/7	2.0	0.218888	8.0	512921.0	0.109444	Y
5	STD2 460-761139/6	4.0	0.58698	8.0	495594.0	0.146745	Y
6	STD4 460-761139/5	8.0	1.276313	8.0	518951.0	0.159539	Y
7	ICIS 460-761139/2	20.0	3.430159	8.0	536416.0	0.171508	Y
8	STD16 460-761139/4	32.0	6.091972	8.0	575308.0	0.190374	Y
9	STD24 460-761139/3	48.0	9.412896	8.0	407611.0	0.196102	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

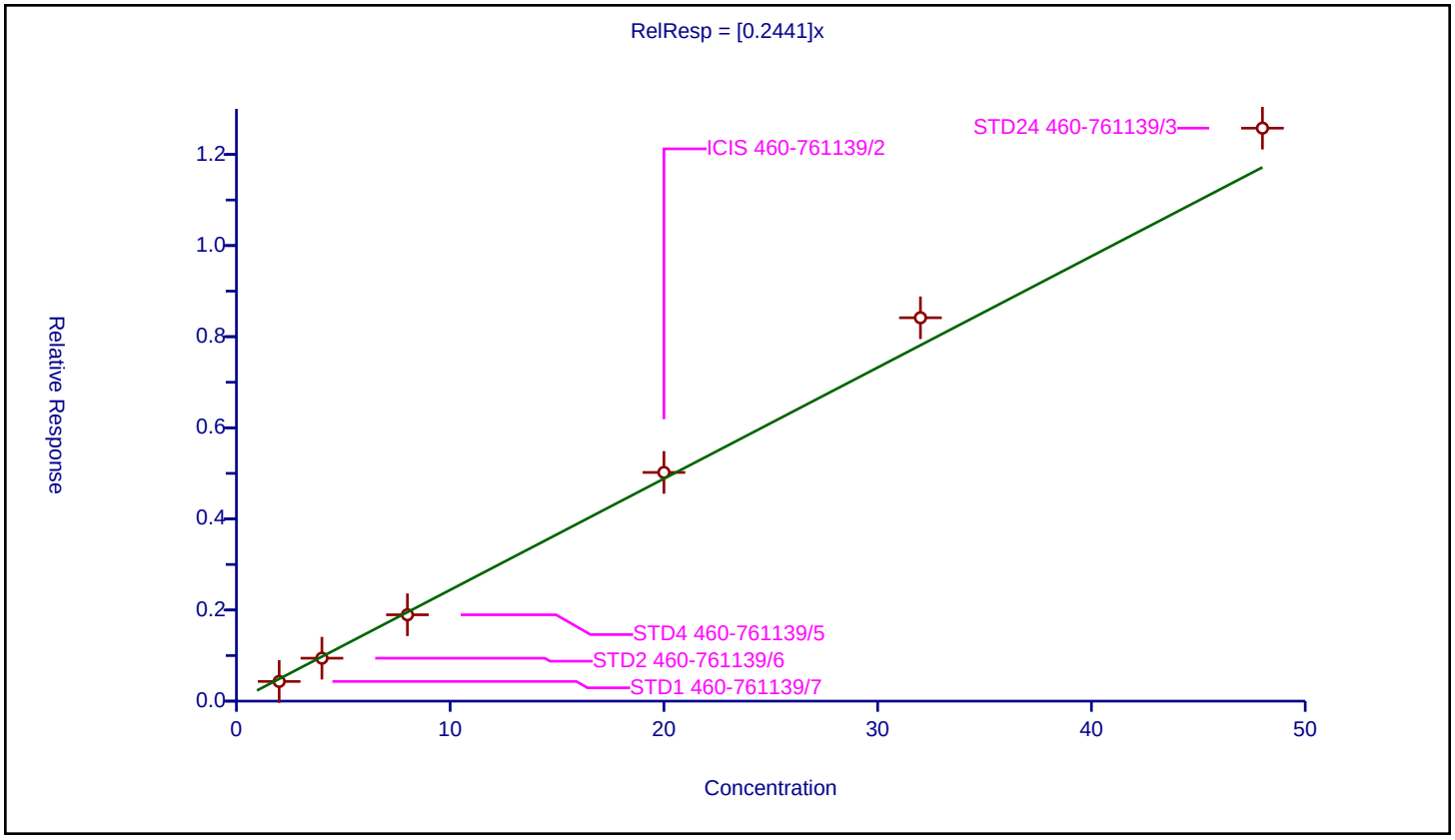
Curve Coefficients

Intercept:	0
Slope:	0.2441

Error Coefficients

Standard Error:	427000
Relative Standard Error:	7.4
Correlation Coefficient:	0.941
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	2.0	0.432223	8.0	512921.0	0.216111	Y
2	STD2 460-761139/6	4.0	0.942546	8.0	495594.0	0.235636	Y
3	STD4 460-761139/5	8.0	1.895424	8.0	518951.0	0.236928	Y
4	ICIS 460-761139/2	20.0	5.020521	8.0	536416.0	0.251026	Y
5	STD16 460-761139/4	32.0	8.415555	8.0	575308.0	0.262986	Y
6	STD24 460-761139/3	48.0	12.577403	8.0	407611.0	0.262029	Y



Calibration / 2,4-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

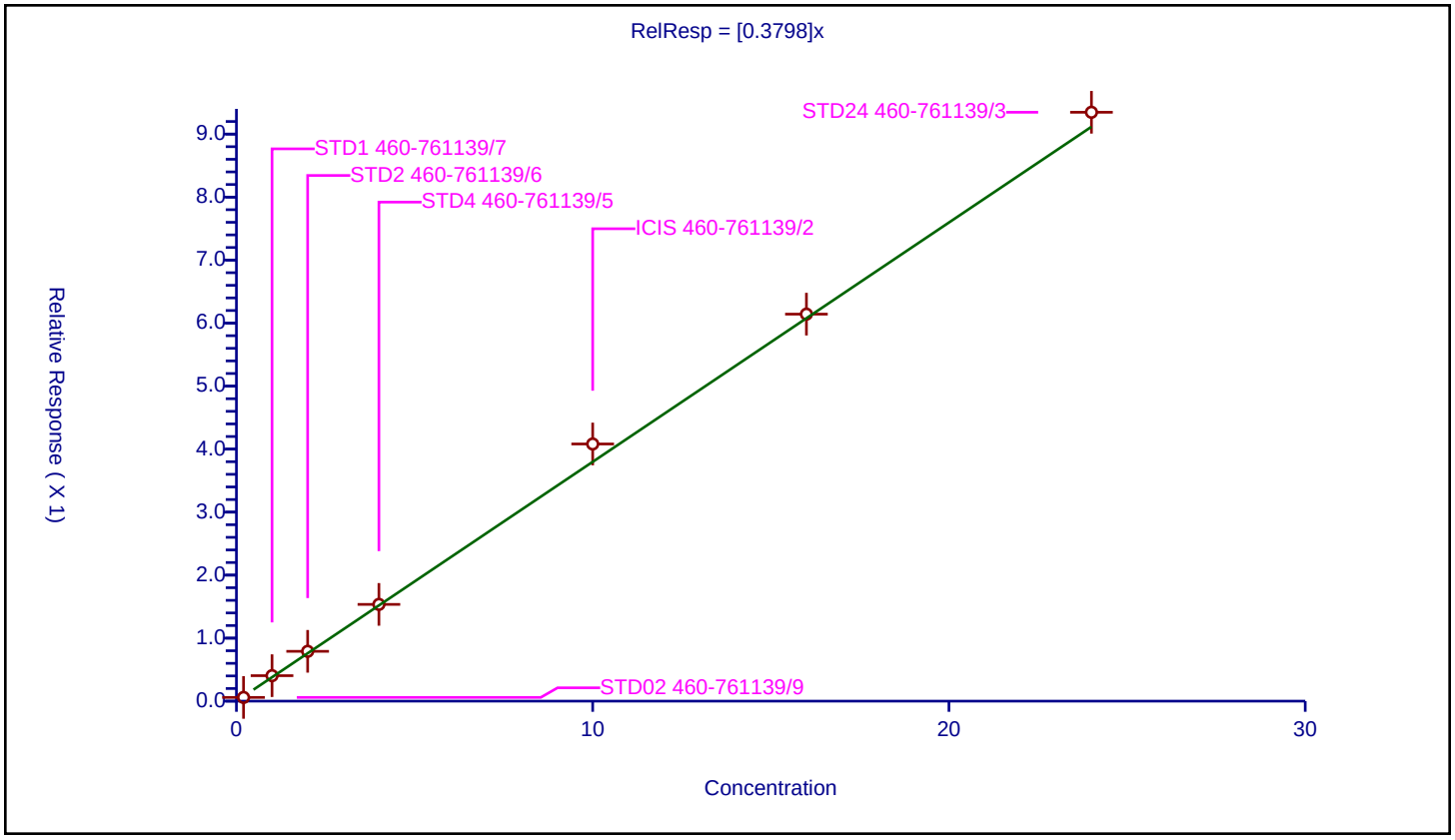
Curve Coefficients

Intercept:	0
Slope:	0.3798

Error Coefficients

Standard Error:	291000
Relative Standard Error:	10.3
Correlation Coefficient:	0.950
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.058764	8.0	514734.0	0.293822	Y
2	STD1 460-761139/7	1.0	0.404179	8.0	512921.0	0.404179	Y
3	STD2 460-761139/6	2.0	0.790841	8.0	495594.0	0.39542	Y
4	STD4 460-761139/5	4.0	1.535451	8.0	518951.0	0.383863	Y
5	ICIS 460-761139/2	10.0	4.081623	8.0	536416.0	0.408162	Y
6	STD16 460-761139/4	16.0	6.142324	8.0	575308.0	0.383895	Y
7	STD24 460-761139/3	24.0	9.346205	8.0	407611.0	0.389425	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

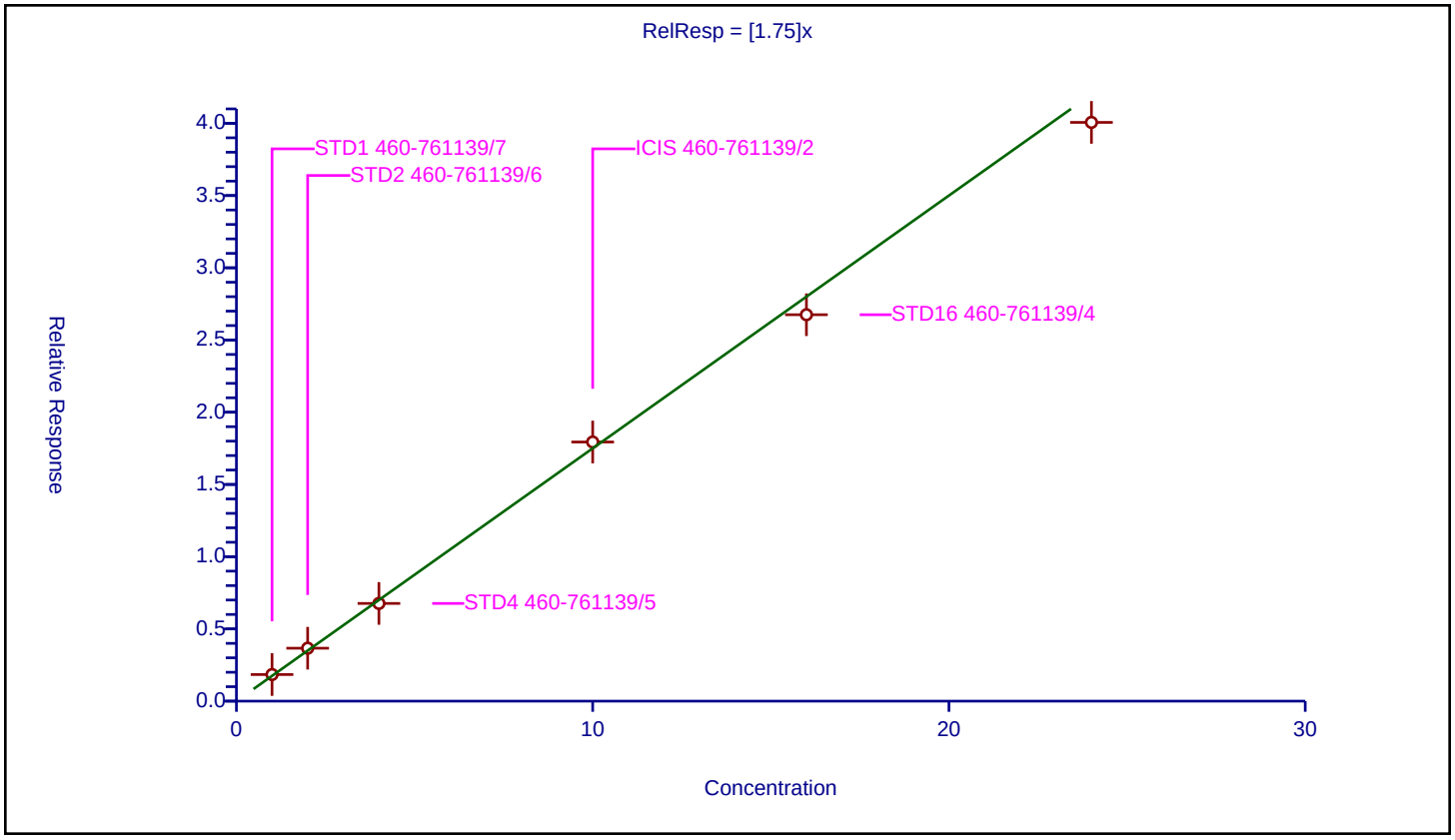
Curve Coefficients

Intercept:	0
Slope:	1.75

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	4.7
Correlation Coefficient:	0.936
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.841687	8.0	512921.0	1.841687	Y
2	STD2 460-761139/6	2.0	3.664629	8.0	495594.0	1.832314	Y
3	STD4 460-761139/5	4.0	6.764014	8.0	518951.0	1.691004	Y
4	ICIS 460-761139/2	10.0	17.939599	8.0	536416.0	1.79396	Y
5	STD16 460-761139/4	16.0	26.750986	8.0	575308.0	1.671937	Y
6	STD24 460-761139/3	24.0	40.065631	8.0	407611.0	1.669401	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

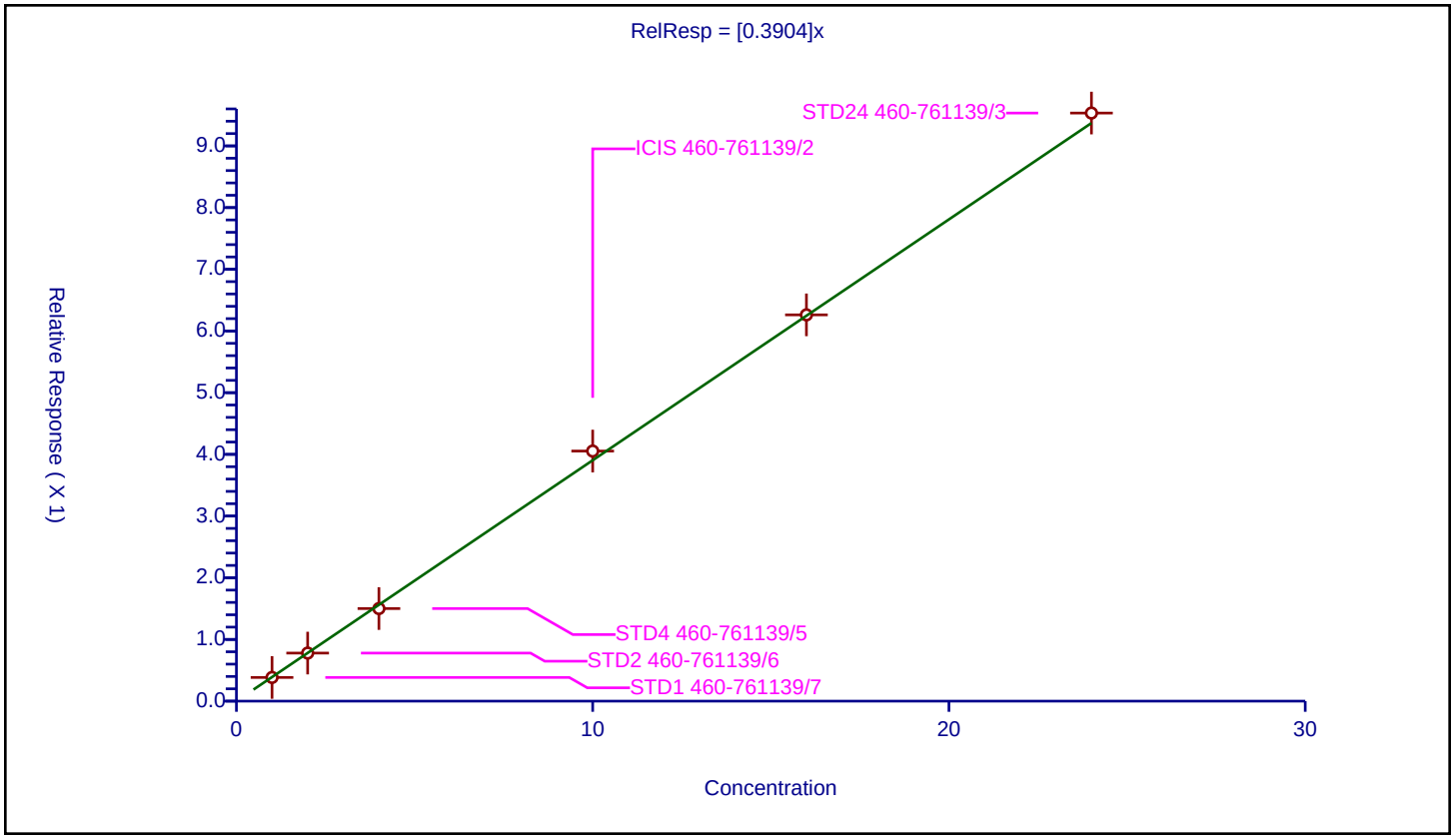
Curve Coefficients

Intercept:	0
Slope:	0.3904

Error Coefficients

Standard Error:	324000
Relative Standard Error:	2.7
Correlation Coefficient:	0.944
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.383903	8.0	512921.0	0.383903	Y
2	STD2 460-761139/6	2.0	0.779202	8.0	495594.0	0.389601	Y
3	STD4 460-761139/5	4.0	1.500704	8.0	518951.0	0.375176	Y
4	ICIS 460-761139/2	10.0	4.053824	8.0	536416.0	0.405382	Y
5	STD16 460-761139/4	16.0	6.261495	8.0	575308.0	0.391343	Y
6	STD24 460-761139/3	24.0	9.532638	8.0	407611.0	0.397193	Y



Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

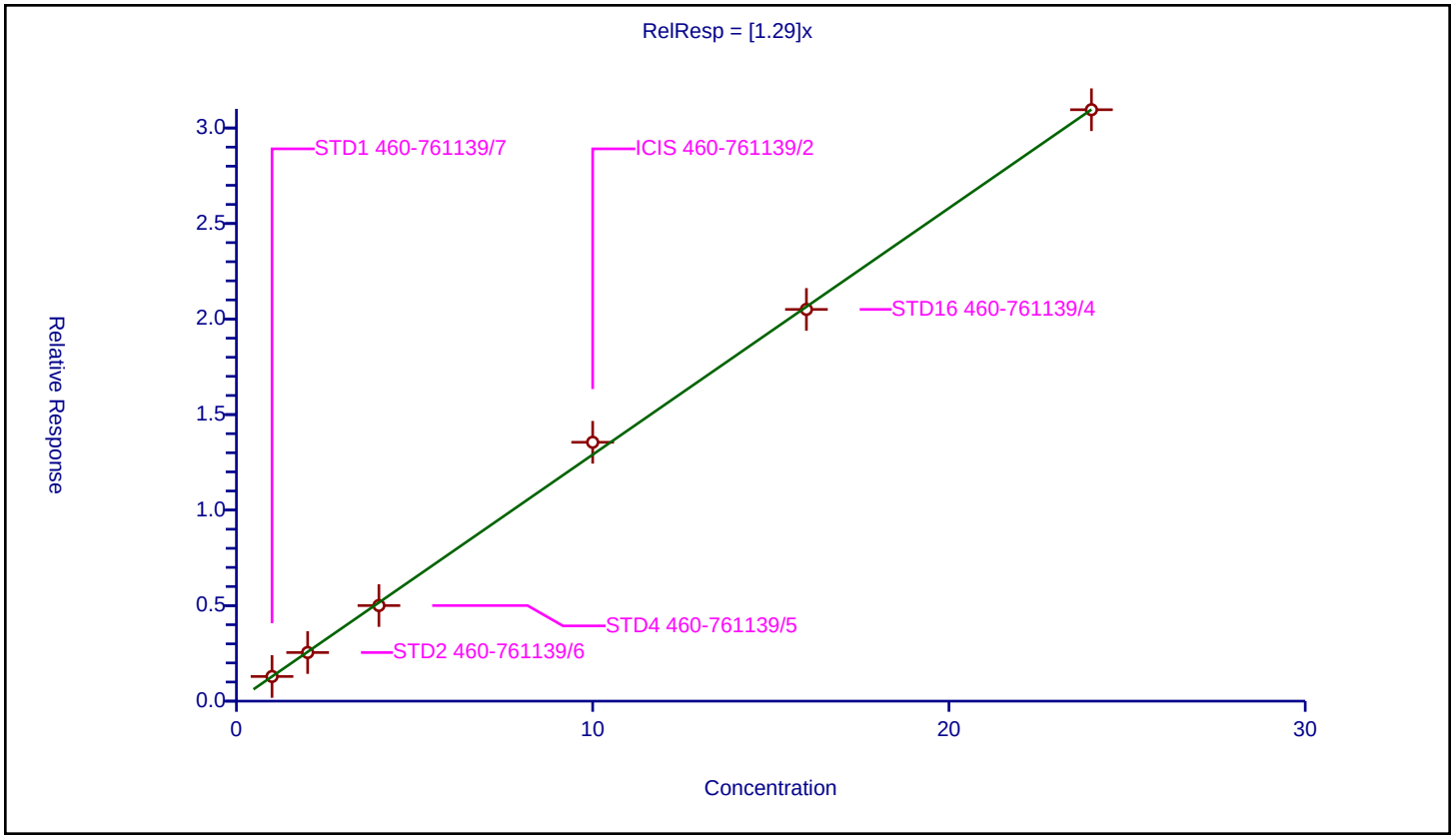
Curve Coefficients

Intercept:	0
Slope:	1.29

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	2.7
Correlation Coefficient:	0.939
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.291567	8.0	512921.0	1.291567	Y
2	STD2 460-761139/6	2.0	2.54468	8.0	495594.0	1.27234	Y
3	STD4 460-761139/5	4.0	5.004573	8.0	518951.0	1.251143	Y
4	ICIS 460-761139/2	10.0	13.550498	8.0	536416.0	1.35505	Y
5	STD16 460-761139/4	16.0	20.503758	8.0	575308.0	1.281485	Y
6	STD24 460-761139/3	24.0	30.957104	8.0	407611.0	1.289879	Y



Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

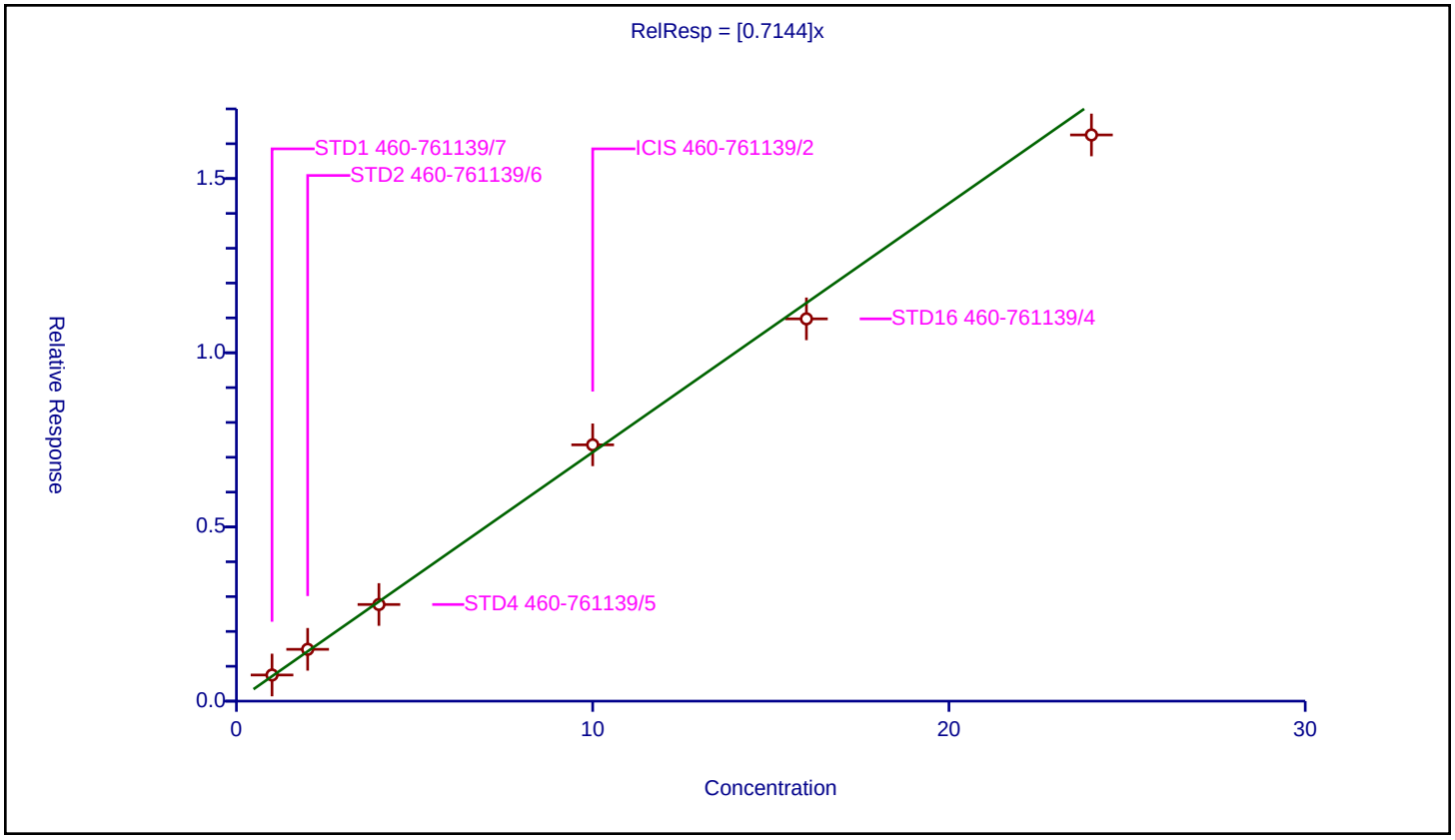
Curve Coefficients

Intercept:	0
Slope:	0.7144

Error Coefficients

Standard Error:	565000
Relative Standard Error:	4.5
Correlation Coefficient:	0.931
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.7504	8.0	512921.0	0.7504	Y
2	STD2 460-761139/6	2.0	1.487379	8.0	495594.0	0.743689	Y
3	STD4 460-761139/5	4.0	2.774381	8.0	518951.0	0.693595	Y
4	ICIS 460-761139/2	10.0	7.357305	8.0	536416.0	0.73573	Y
5	STD16 460-761139/4	16.0	10.973266	8.0	575308.0	0.685829	Y
6	STD24 460-761139/3	24.0	16.252672	8.0	407611.0	0.677195	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

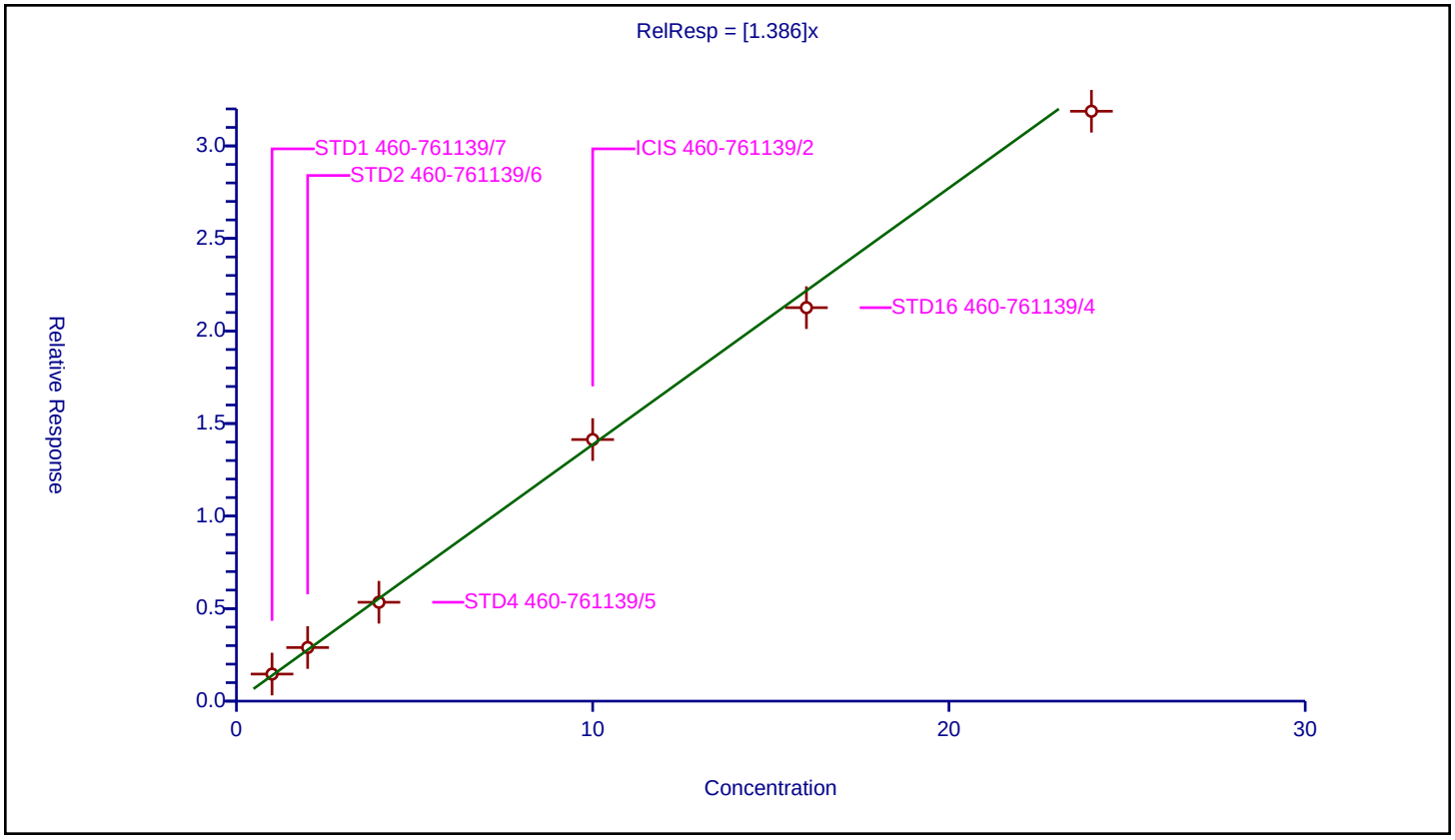
Curve Coefficients

Intercept:	0
Slope:	1.386

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	4.5
Correlation Coefficient:	0.937
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.463025	8.0	512921.0	1.463025	Y
2	STD2 460-761139/6	2.0	2.896193	8.0	495594.0	1.448097	Y
3	STD4 460-761139/5	4.0	5.342331	8.0	518951.0	1.335583	Y
4	ICIS 460-761139/2	10.0	14.133836	8.0	536416.0	1.413384	Y
5	STD16 460-761139/4	16.0	21.259889	8.0	575308.0	1.328743	Y
6	STD24 460-761139/3	24.0	31.872957	8.0	407611.0	1.32804	Y



Calibration / 4-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

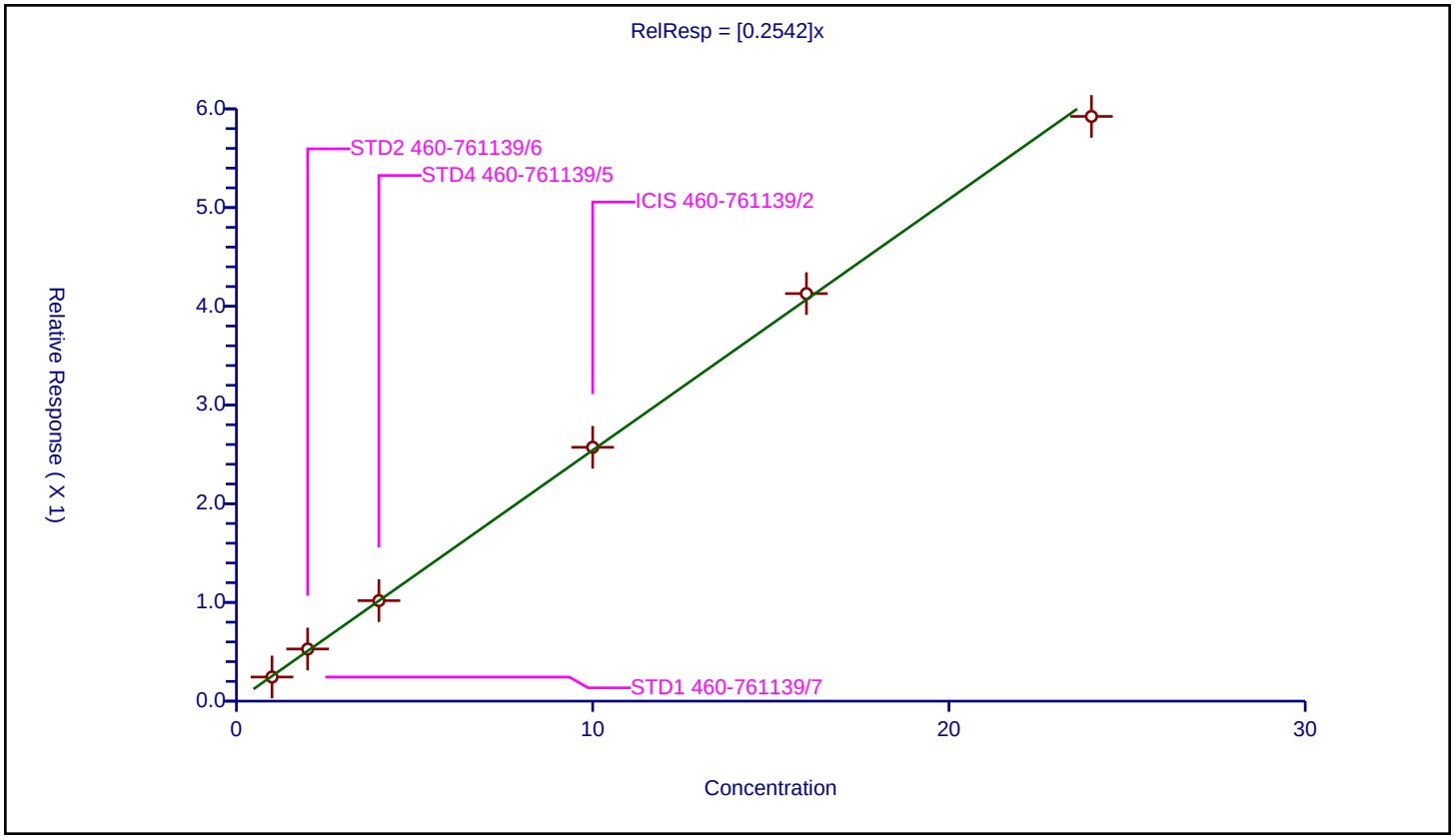
Curve Coefficients

Intercept:	0
Slope:	0.2542

Error Coefficients

Standard Error:	207000
Relative Standard Error:	2.9
Correlation Coefficient:	0.924
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.244638	8.0	512921.0	0.244638	Y
2	STD2 460-761139/6	2.0	0.5284	8.0	495594.0	0.2642	Y
3	STD4 460-761139/5	4.0	1.018285	8.0	518951.0	0.254571	Y
4	ICIS 460-761139/2	10.0	2.57178	8.0	536416.0	0.257178	Y
5	STD16 460-761139/4	16.0	4.128696	8.0	575308.0	0.258044	Y
6	STD24 460-761139/3	24.0	5.923903	8.0	407611.0	0.246829	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

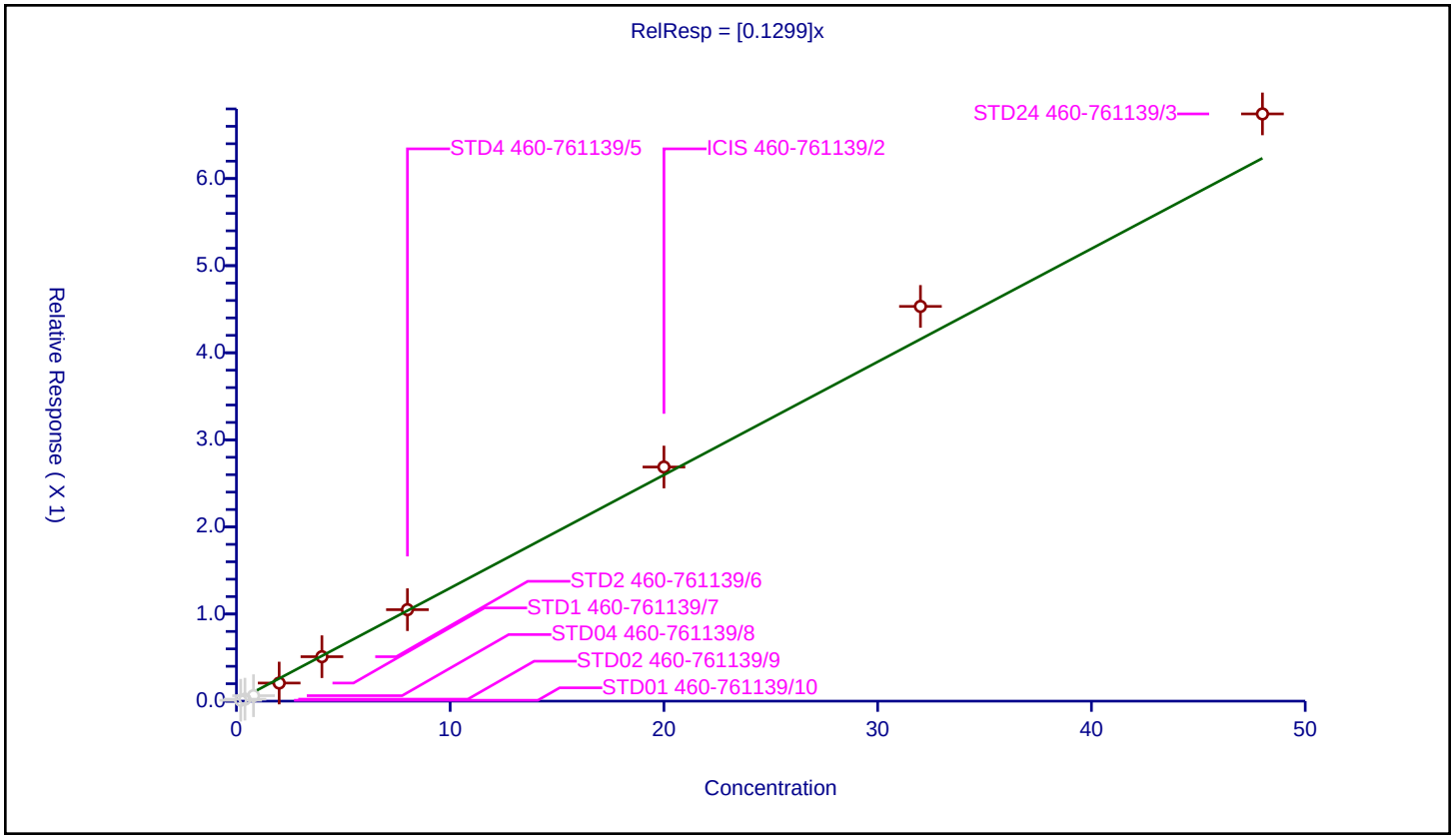
Curve Coefficients

Intercept:	0
Slope:	0.1299

Error Coefficients

Standard Error:	363000
Relative Standard Error:	10.6
Correlation Coefficient:	0.944
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.2	0.010163	8.0	920160.0	0.050817	N
2	STD02 460-761139/9	0.4	0.022677	8.0	858310.0	0.056693	N
3	STD04 460-761139/8	0.8	0.062768	8.0	941110.0	0.078461	N
4	STD1 460-761139/7	2.0	0.207735	8.0	855437.0	0.103867	Y
5	STD2 460-761139/6	4.0	0.510239	8.0	796270.0	0.12756	Y
6	STD4 460-761139/5	8.0	1.050132	8.0	801720.0	0.131267	Y
7	ICIS 460-761139/2	20.0	2.688108	8.0	882533.0	0.134405	Y
8	STD16 460-761139/4	32.0	4.532223	8.0	896090.0	0.141632	Y
9	STD24 460-761139/3	48.0	6.742454	8.0	647464.0	0.140468	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

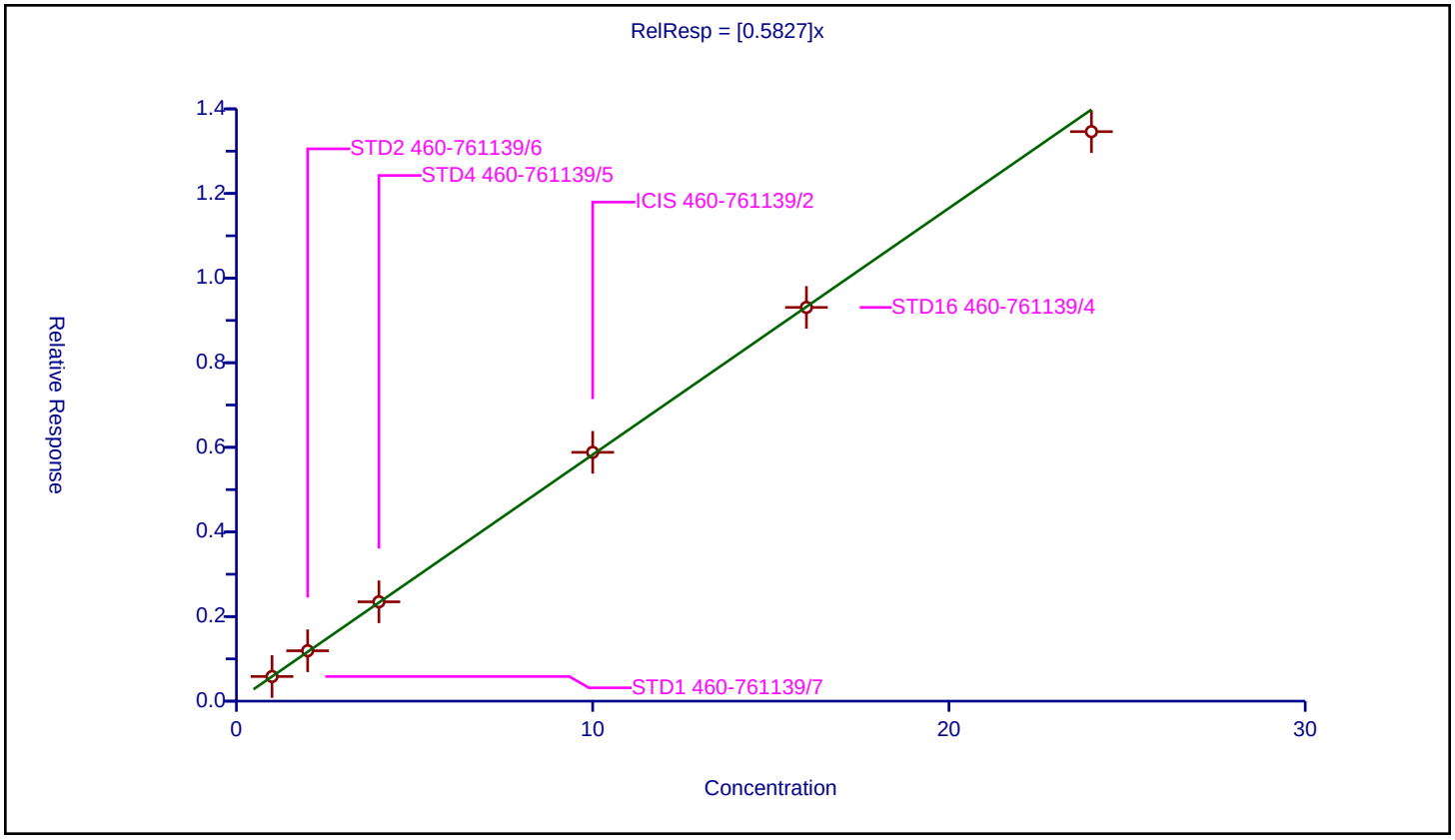
Curve Coefficients

Intercept:	0
Slope:	0.5827

Error Coefficients

Standard Error:	744000
Relative Standard Error:	2.0
Correlation Coefficient:	0.930
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.582533	8.0	855437.0	0.582533	Y
2	STD2 460-761139/6	2.0	1.191174	8.0	796270.0	0.595587	Y
3	STD4 460-761139/5	4.0	2.348381	8.0	801720.0	0.587095	Y
4	ICIS 460-761139/2	10.0	5.882296	8.0	882533.0	0.58823	Y
5	STD16 460-761139/4	16.0	9.307003	8.0	896090.0	0.581688	Y
6	STD24 460-761139/3	24.0	13.462247	8.0	647464.0	0.560927	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

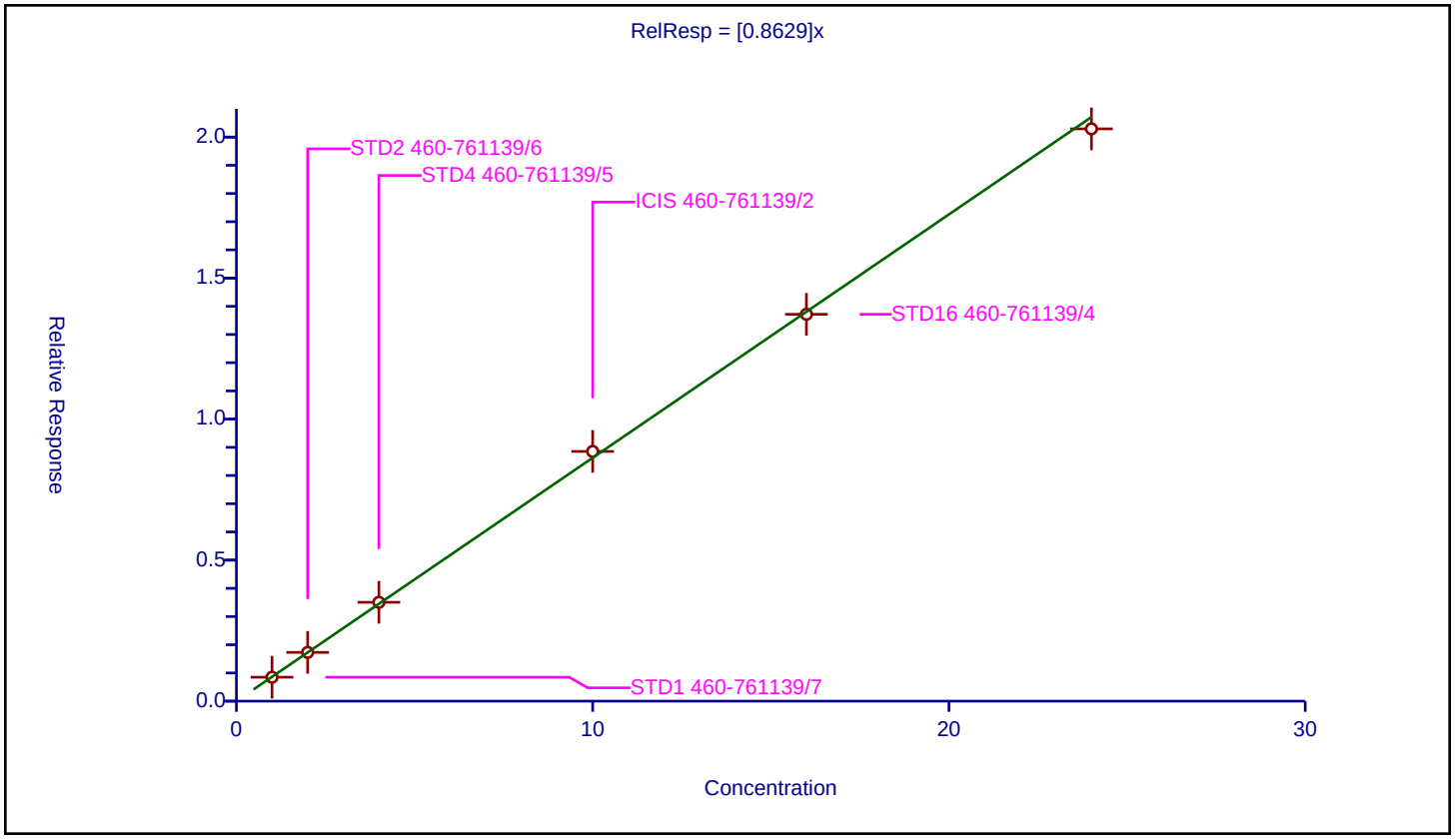
Curve Coefficients

Intercept:	0
Slope:	0.8629

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	1.8
Correlation Coefficient:	0.936
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.848848	8.0	855437.0	0.848848	Y
2	STD2 460-761139/6	2.0	1.728549	8.0	796270.0	0.864275	Y
3	STD4 460-761139/5	4.0	3.505014	8.0	801720.0	0.876254	Y
4	ICIS 460-761139/2	10.0	8.853933	8.0	882533.0	0.885393	Y
5	STD16 460-761139/4	16.0	13.717203	8.0	896090.0	0.857325	Y
6	STD24 460-761139/3	24.0	20.29192	8.0	647464.0	0.845497	Y



Calibration / 2,4,6-Tribromophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

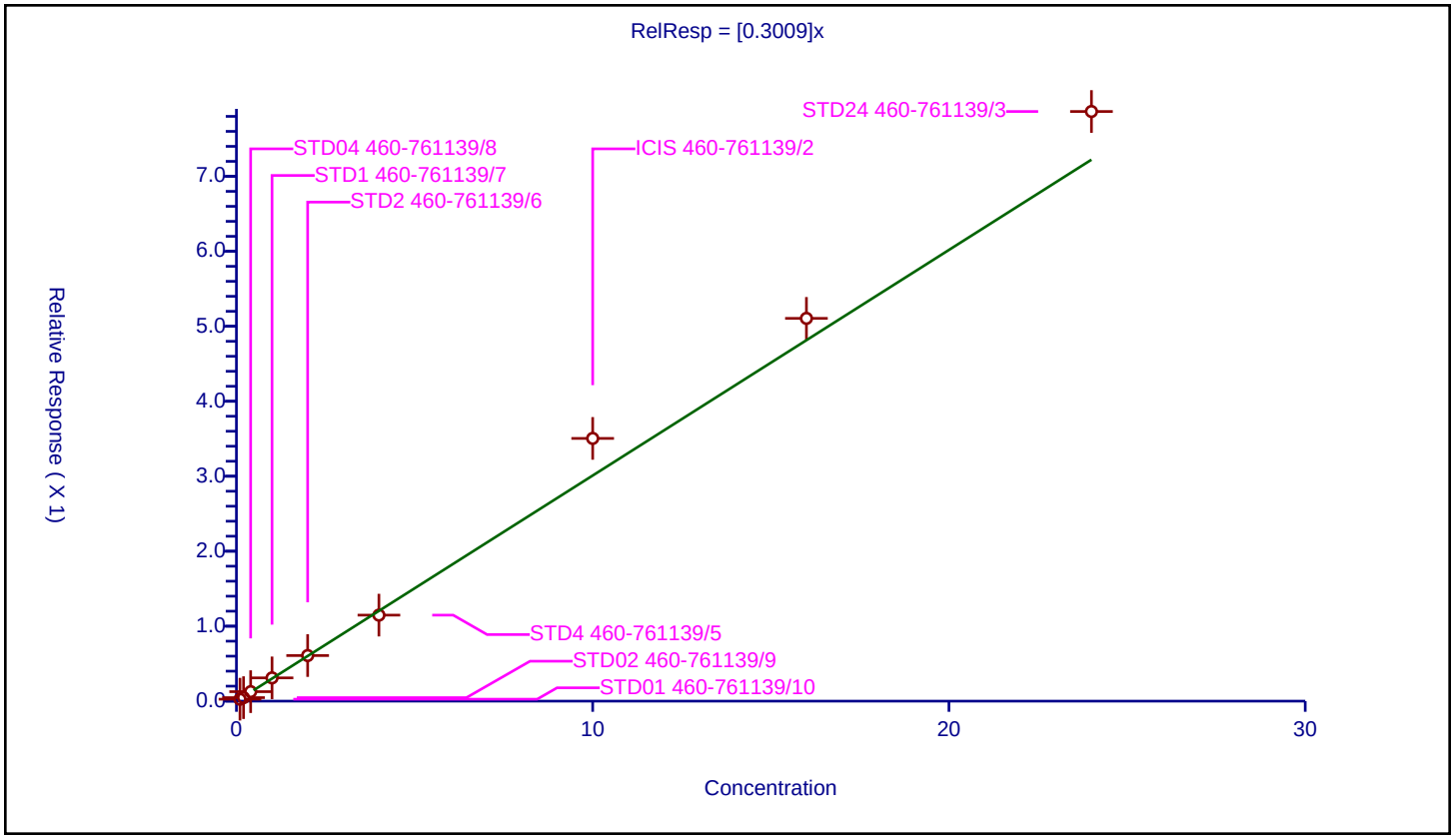
Curve Coefficients

Intercept:	0
Slope:	0.3009

Error Coefficients

Standard Error:	212000
Relative Standard Error:	11.9
Correlation Coefficient:	0.959
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.025954	8.0	565923.0	0.259541	Y
2	STD02 460-761139/9	0.2	0.046781	8.0	514734.0	0.233907	Y
3	STD04 460-761139/8	0.4	0.126545	8.0	555883.0	0.316362	Y
4	STD1 460-761139/7	1.0	0.310473	8.0	512921.0	0.310473	Y
5	STD2 460-761139/6	2.0	0.607901	8.0	495594.0	0.30395	Y
6	STD4 460-761139/5	4.0	1.147253	8.0	518951.0	0.286813	Y
7	ICIS 460-761139/2	10.0	3.504534	8.0	536416.0	0.350453	Y
8	STD16 460-761139/4	16.0	5.105759	8.0	575308.0	0.31911	Y
9	STD24 460-761139/3	24.0	7.865244	8.0	407611.0	0.327719	Y



Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

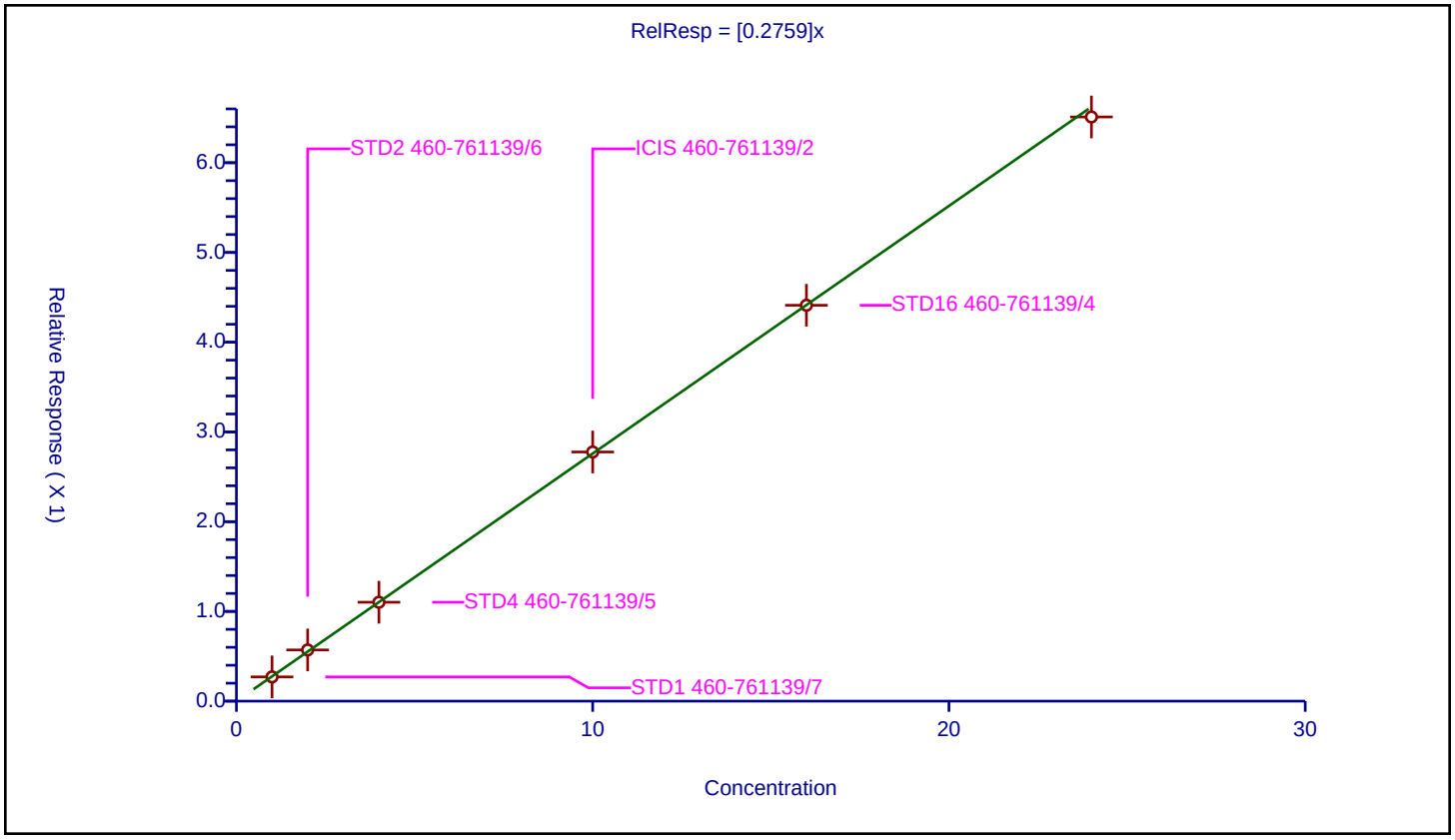
Curve Coefficients

Intercept:	0
Slope:	0.2759

Error Coefficients

Standard Error:	355000
Relative Standard Error:	2.0
Correlation Coefficient:	0.938
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.270103	8.0	855437.0	0.270103	Y
2	STD2 460-761139/6	2.0	0.57053	8.0	796270.0	0.285265	Y
3	STD4 460-761139/5	4.0	1.102081	8.0	801720.0	0.27552	Y
4	ICIS 460-761139/2	10.0	2.776644	8.0	882533.0	0.277664	Y
5	STD16 460-761139/4	16.0	4.41161	8.0	896090.0	0.275726	Y
6	STD24 460-761139/3	24.0	6.510002	8.0	647464.0	0.27125	Y



Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

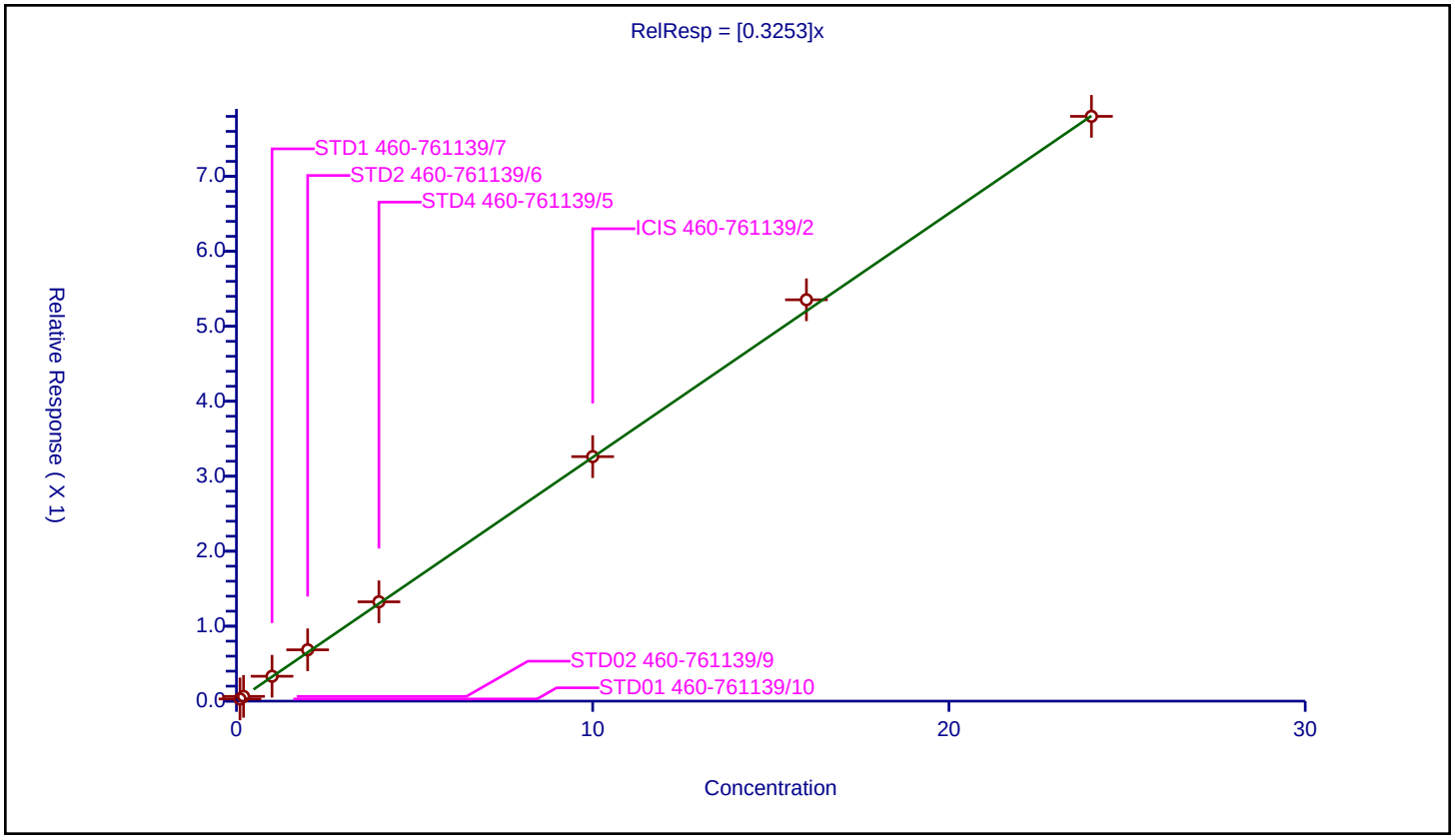
Curve Coefficients

Intercept:	0
Slope:	0.3253

Error Coefficients

Standard Error:	361000
Relative Standard Error:	4.5
Correlation Coefficient:	0.951
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.029369	8.0	920160.0	0.293688	Y
2	STD02 460-761139/9	0.2	0.063418	8.0	858310.0	0.317088	Y
3	STD1 460-761139/7	1.0	0.332134	8.0	855437.0	0.332134	Y
4	STD2 460-761139/6	2.0	0.684913	8.0	796270.0	0.342457	Y
5	STD4 460-761139/5	4.0	1.324812	8.0	801720.0	0.331203	Y
6	ICIS 460-761139/2	10.0	3.261449	8.0	882533.0	0.326145	Y
7	STD16 460-761139/4	16.0	5.353855	8.0	896090.0	0.334616	Y
8	STD24 460-761139/3	24.0	7.800576	8.0	647464.0	0.325024	Y



Calibration / Atrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

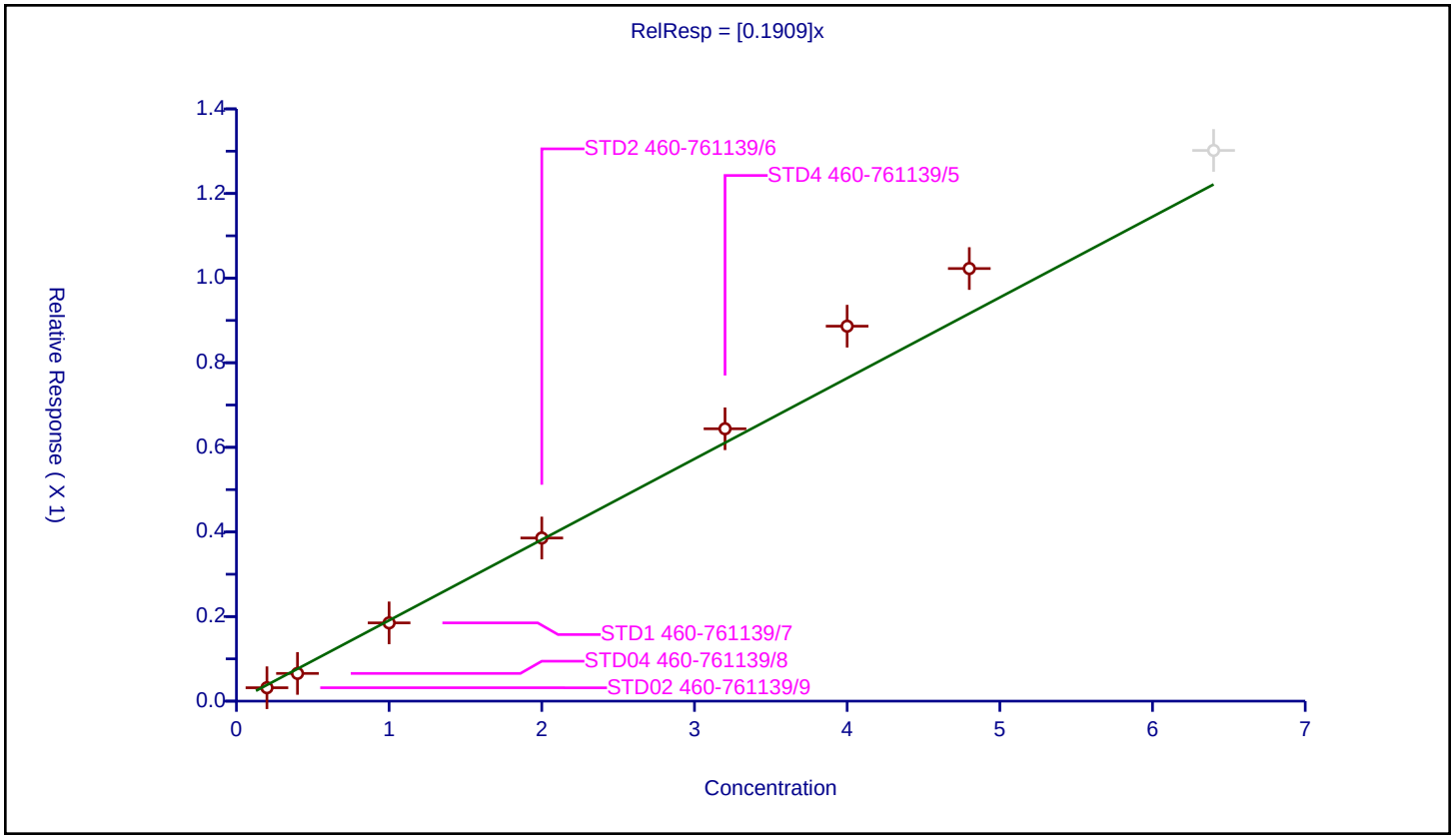
Curve Coefficients

Intercept:	0
Slope:	0.1909

Error Coefficients

Standard Error:	69300
Relative Standard Error:	12.4
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.031709	8.0	858310.0	0.158544	Y
2	STD04 460-761139/8	0.4	0.06554	8.0	941110.0	0.163849	Y
3	STD1 460-761139/7	1.0	0.184991	8.0	855437.0	0.184991	Y
4	STD2 460-761139/6	2.0	0.385628	8.0	796270.0	0.192814	Y
5	STD4 460-761139/5	3.2	0.643886	8.0	801720.0	0.201214	Y
6	ICIS 460-761139/2	4.0	0.886358	8.0	882533.0	0.221589	Y
7	STD16 460-761139/4	4.8	1.022612	8.0	896090.0	0.213044	Y
8	STD24 460-761139/3	6.4	1.301793	8.0	647464.0	0.203405	N



Calibration / Pentachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

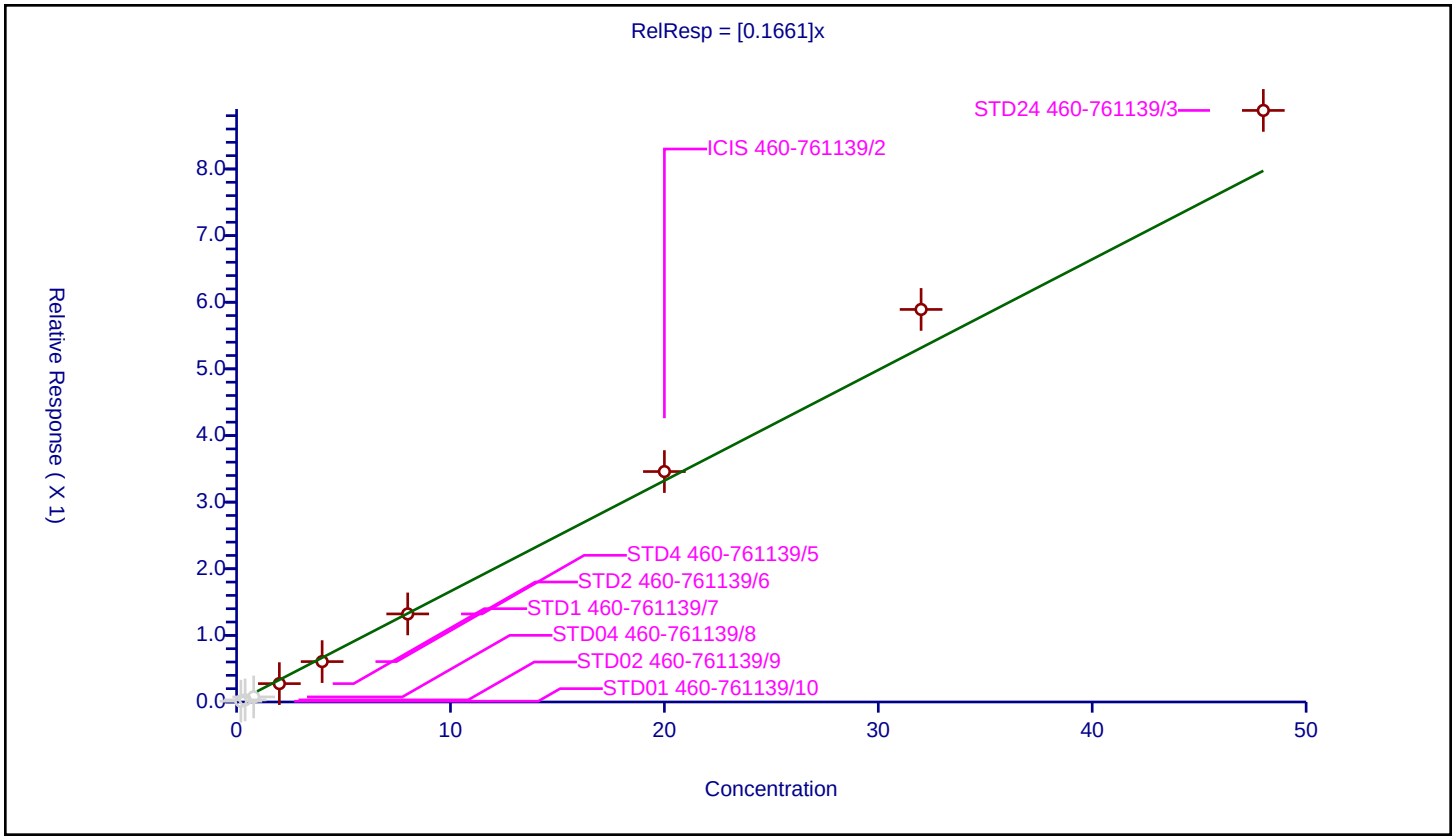
Curve Coefficients

Intercept:	0
Slope:	0.1661

Error Coefficients

Standard Error:	473000
Relative Standard Error:	11.2
Correlation Coefficient:	0.949
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.2	0.011885	8.0	920160.0	0.059424	N
2	STD02 460-761139/9	0.4	0.031588	8.0	858310.0	0.078969	N
3	STD04 460-761139/8	0.8	0.076072	8.0	941110.0	0.09509	N
4	STD1 460-761139/7	2.0	0.275621	8.0	855437.0	0.13781	Y
5	STD2 460-761139/6	4.0	0.606186	8.0	796270.0	0.151547	Y
6	STD4 460-761139/5	8.0	1.321998	8.0	801720.0	0.16525	Y
7	ICIS 460-761139/2	20.0	3.458699	8.0	882533.0	0.172935	Y
8	STD16 460-761139/4	32.0	5.891721	8.0	896090.0	0.184116	Y
9	STD24 460-761139/3	48.0	8.878739	8.0	647464.0	0.184974	Y



Calibration / Pentachloronitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

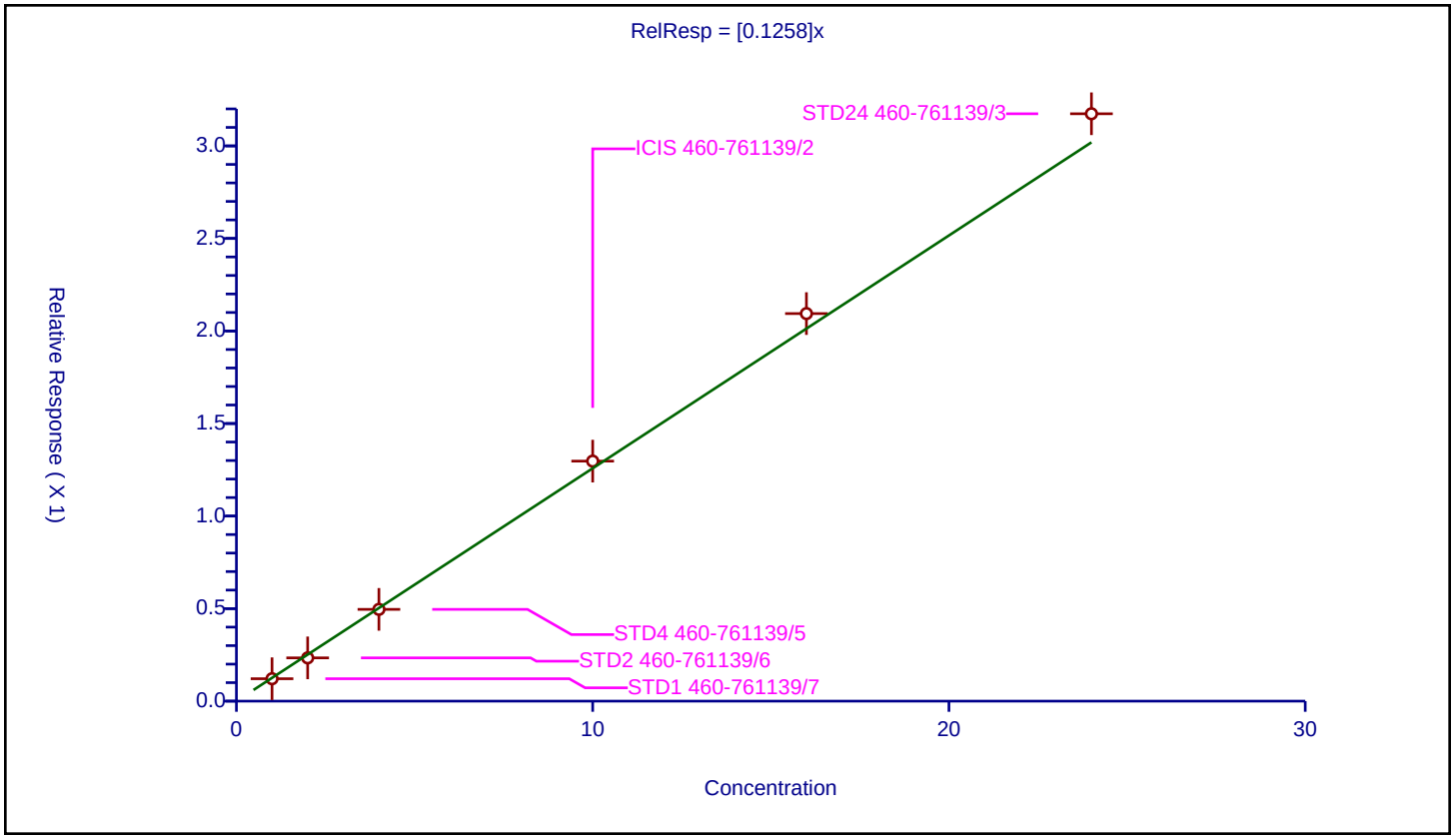
Curve Coefficients

Intercept:	0
Slope:	0.1258

Error Coefficients

Standard Error:	170000
Relative Standard Error:	4.9
Correlation Coefficient:	0.948
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.121154	8.0	855437.0	0.121154	Y
2	STD2 460-761139/6	2.0	0.23383	8.0	796270.0	0.116915	Y
3	STD4 460-761139/5	4.0	0.495784	8.0	801720.0	0.123946	Y
4	ICIS 460-761139/2	10.0	1.296813	8.0	882533.0	0.129681	Y
5	STD16 460-761139/4	16.0	2.094031	8.0	896090.0	0.130877	Y
6	STD24 460-761139/3	24.0	3.173712	8.0	647464.0	0.132238	Y



Calibration / n-Octadecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

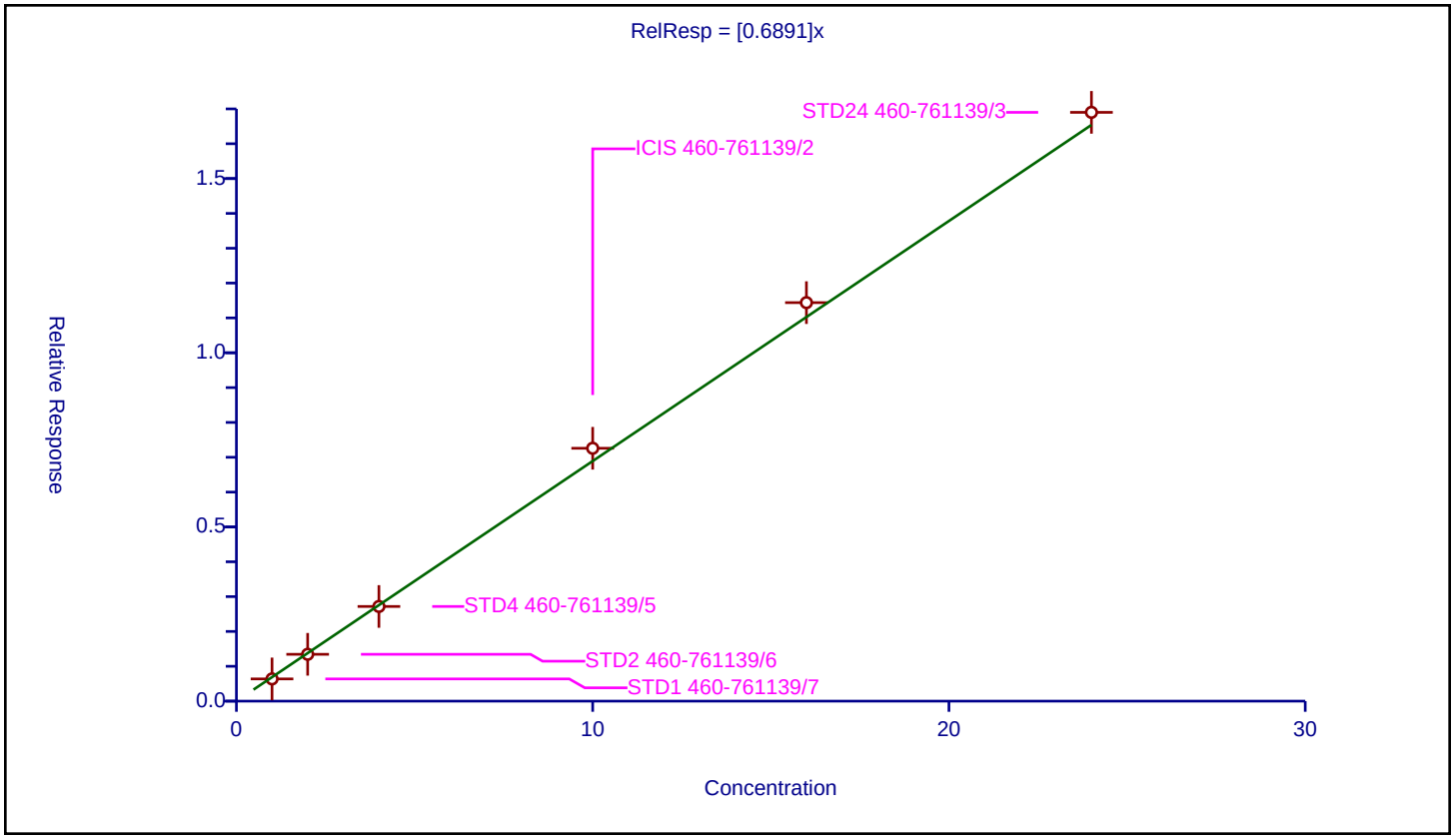
Curve Coefficients

Intercept:	0
Slope:	0.6891

Error Coefficients

Standard Error:	922000
Relative Standard Error:	4.7
Correlation Coefficient:	0.937
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.638074	8.0	855437.0	0.638074	Y
2	STD2 460-761139/6	2.0	1.344378	8.0	796270.0	0.672189	Y
3	STD4 460-761139/5	4.0	2.717627	8.0	801720.0	0.679407	Y
4	ICIS 460-761139/2	10.0	7.258861	8.0	882533.0	0.725886	Y
5	STD16 460-761139/4	16.0	11.438655	8.0	896090.0	0.714916	Y
6	STD24 460-761139/3	24.0	16.900374	8.0	647464.0	0.704182	Y



Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

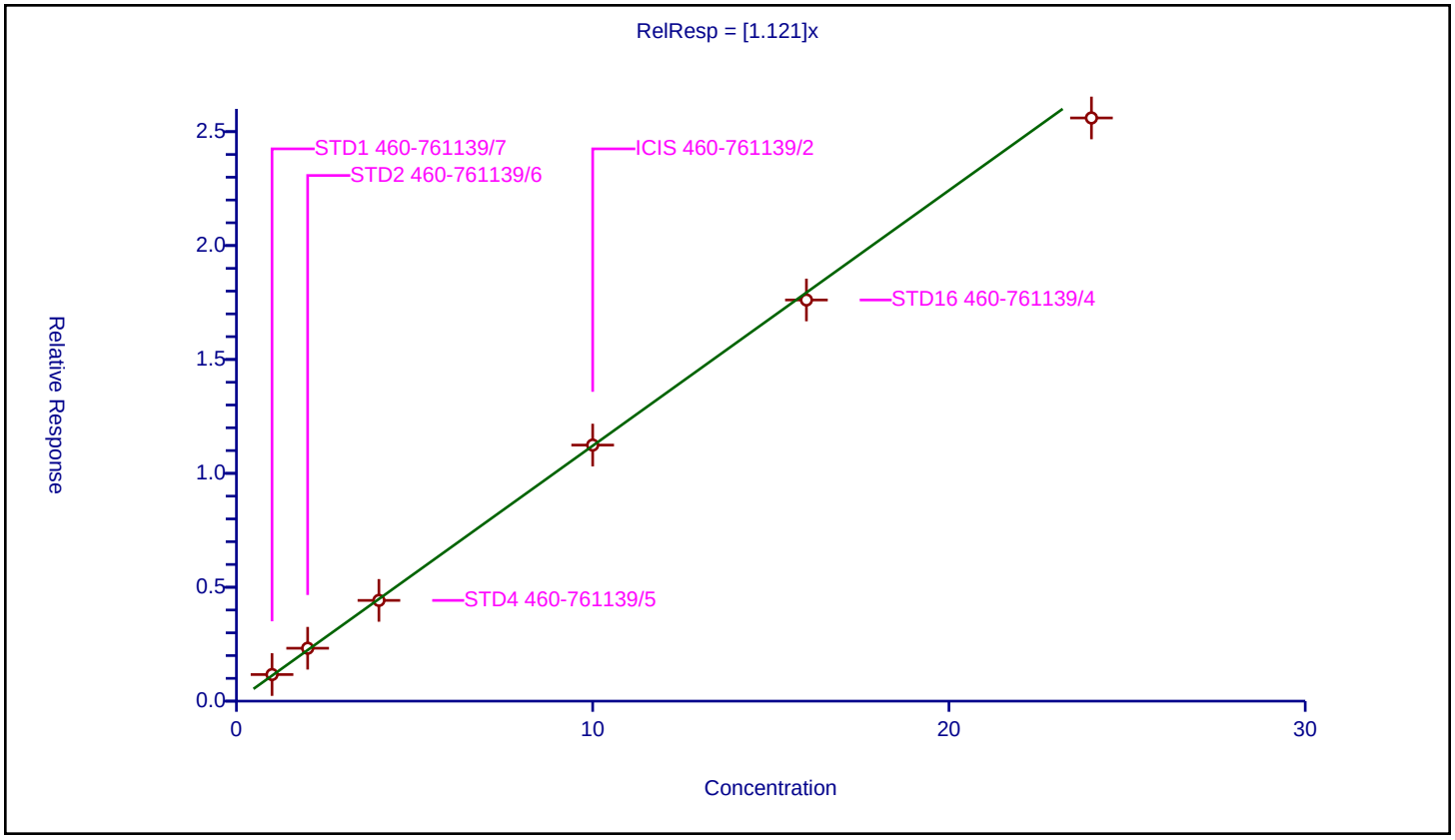
Curve Coefficients

Intercept:	0
Slope:	1.121

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	3.4
Correlation Coefficient:	0.931
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.167562	8.0	855437.0	1.167562	Y
2	STD2 460-761139/6	2.0	2.323061	8.0	796270.0	1.161531	Y
3	STD4 460-761139/5	4.0	4.422202	8.0	801720.0	1.105551	Y
4	ICIS 460-761139/2	10.0	11.242104	8.0	882533.0	1.12421	Y
5	STD16 460-761139/4	16.0	17.611499	8.0	896090.0	1.100719	Y
6	STD24 460-761139/3	24.0	25.602758	8.0	647464.0	1.066782	Y



Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

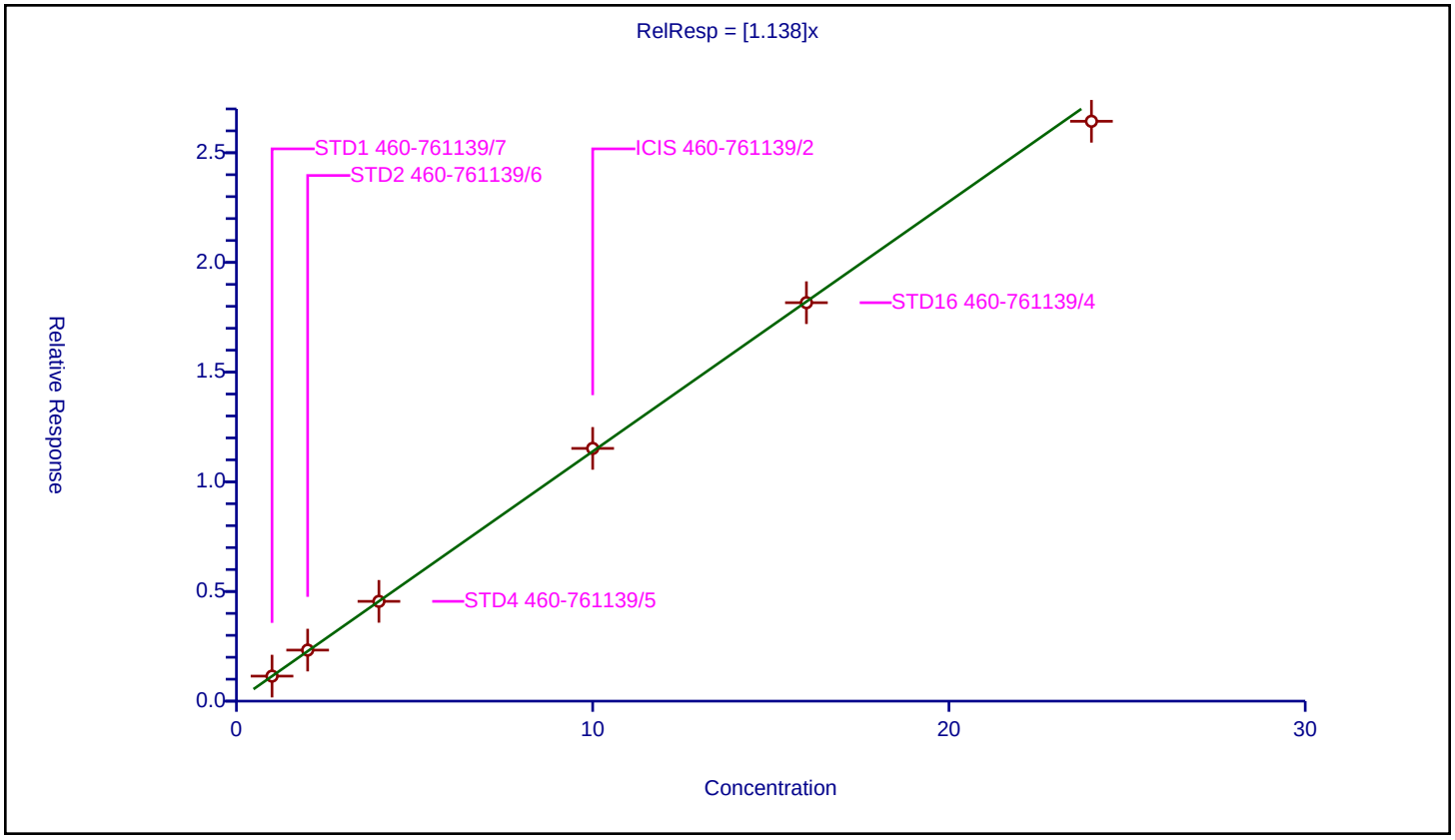
Curve Coefficients

Intercept:	0
Slope:	1.138

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	1.8
Correlation Coefficient:	0.932
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.141152	8.0	855437.0	1.141152	Y
2	STD2 460-761139/6	2.0	2.326678	8.0	796270.0	1.163339	Y
3	STD4 460-761139/5	4.0	4.5489	8.0	801720.0	1.137225	Y
4	ICIS 460-761139/2	10.0	11.52179	8.0	882533.0	1.152179	Y
5	STD16 460-761139/4	16.0	18.165024	8.0	896090.0	1.135314	Y
6	STD24 460-761139/3	24.0	26.435162	8.0	647464.0	1.101465	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

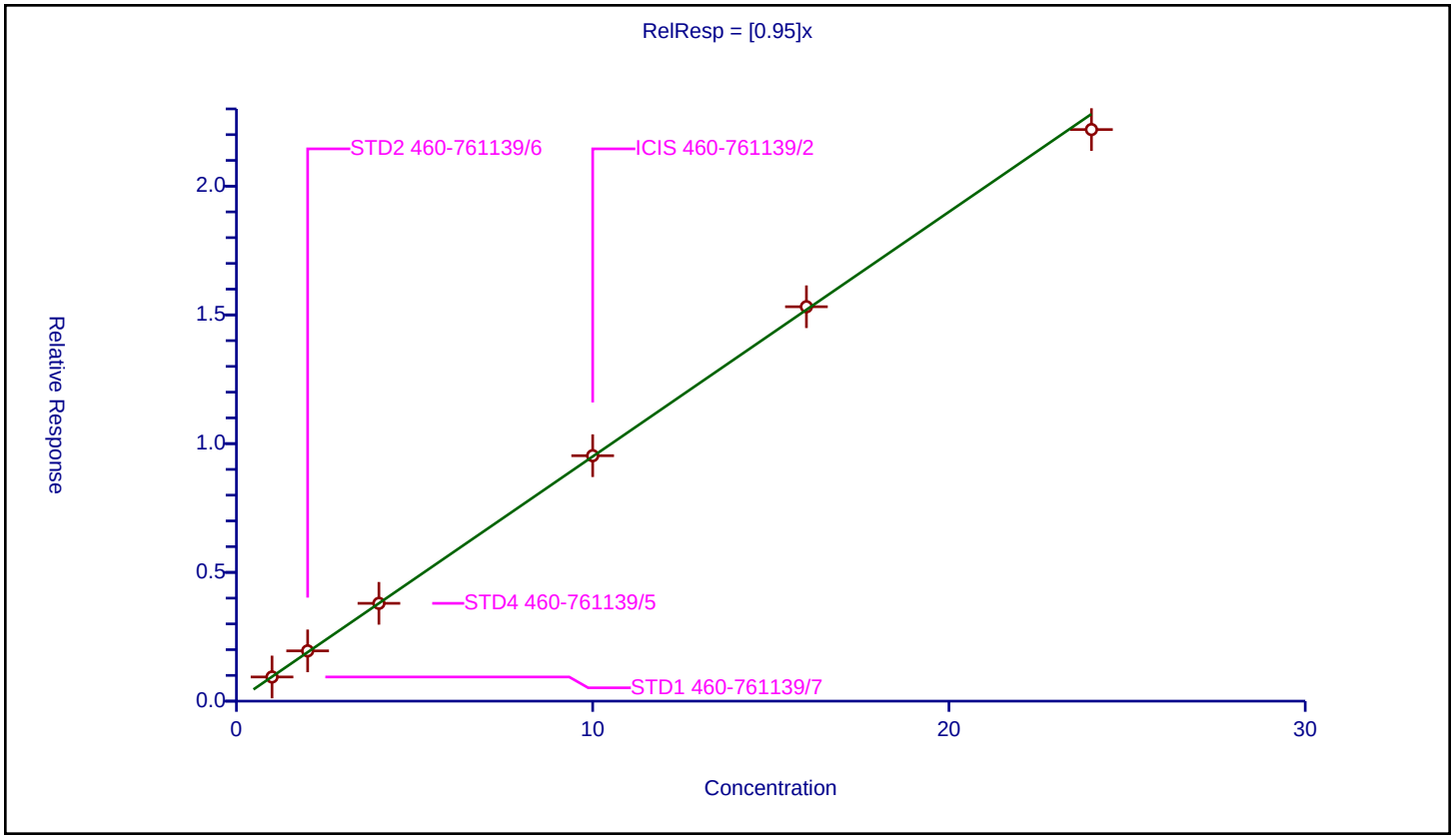
Curve Coefficients

Intercept:	0
Slope:	0.95

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	1.8
Correlation Coefficient:	0.932
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.939104	8.0	855437.0	0.939104	Y
2	STD2 460-761139/6	2.0	1.951931	8.0	796270.0	0.975965	Y
3	STD4 460-761139/5	4.0	3.798433	8.0	801720.0	0.949608	Y
4	ICIS 460-761139/2	10.0	9.531465	8.0	882533.0	0.953146	Y
5	STD16 460-761139/4	16.0	15.316854	8.0	896090.0	0.957303	Y
6	STD24 460-761139/3	24.0	22.196891	8.0	647464.0	0.92487	Y



Calibration / Di-n-butyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

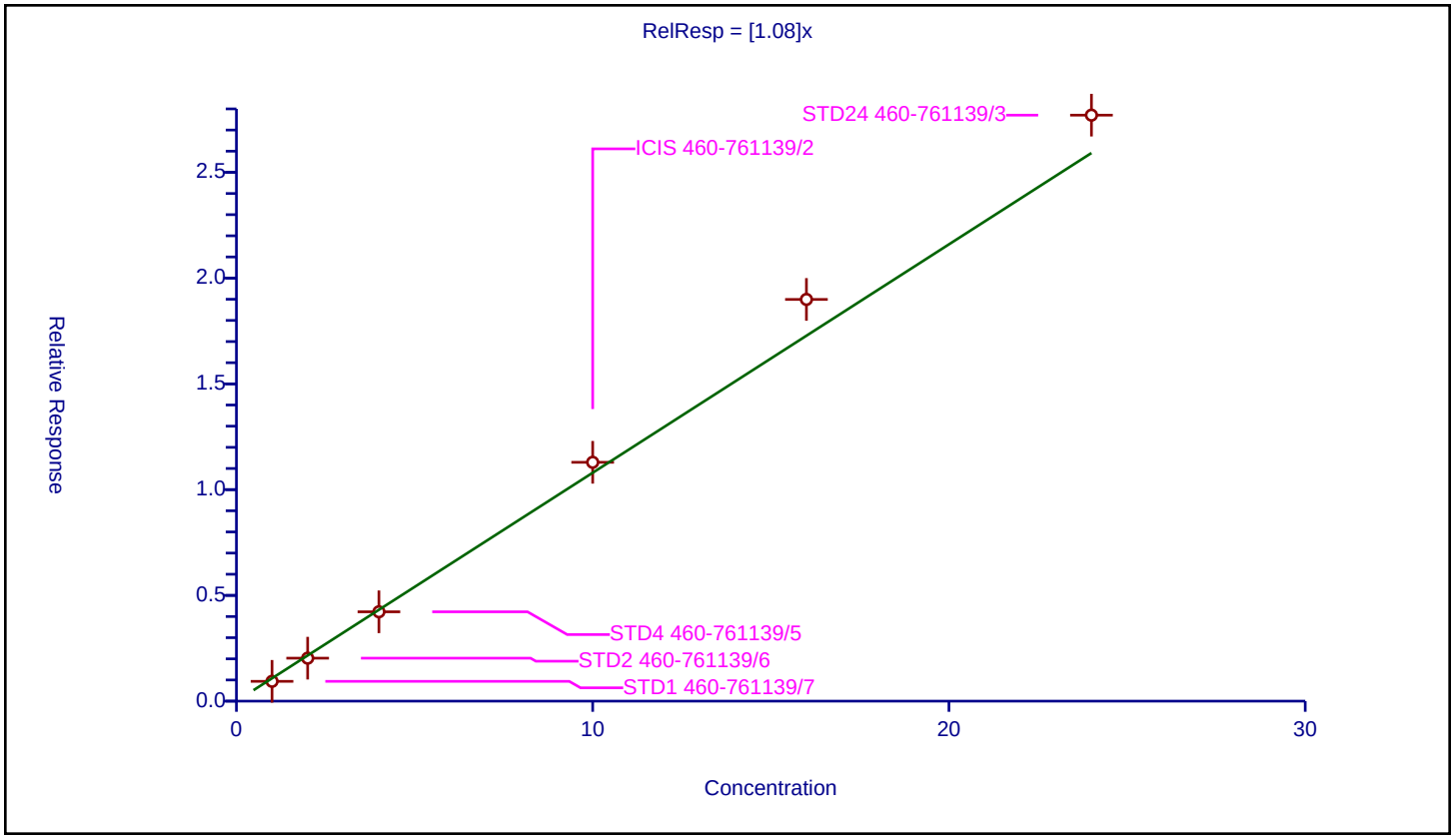
Curve Coefficients

Intercept:	0
Slope:	1.08

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	8.8
Correlation Coefficient:	0.937
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.936167	8.0	855437.0	0.936167	Y
2	STD2 460-761139/6	2.0	2.031643	8.0	796270.0	1.015821	Y
3	STD4 460-761139/5	4.0	4.224058	8.0	801720.0	1.056015	Y
4	ICIS 460-761139/2	10.0	11.291408	8.0	882533.0	1.129141	Y
5	STD16 460-761139/4	16.0	18.992146	8.0	896090.0	1.187009	Y
6	STD24 460-761139/3	24.0	27.704274	8.0	647464.0	1.154345	Y



Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

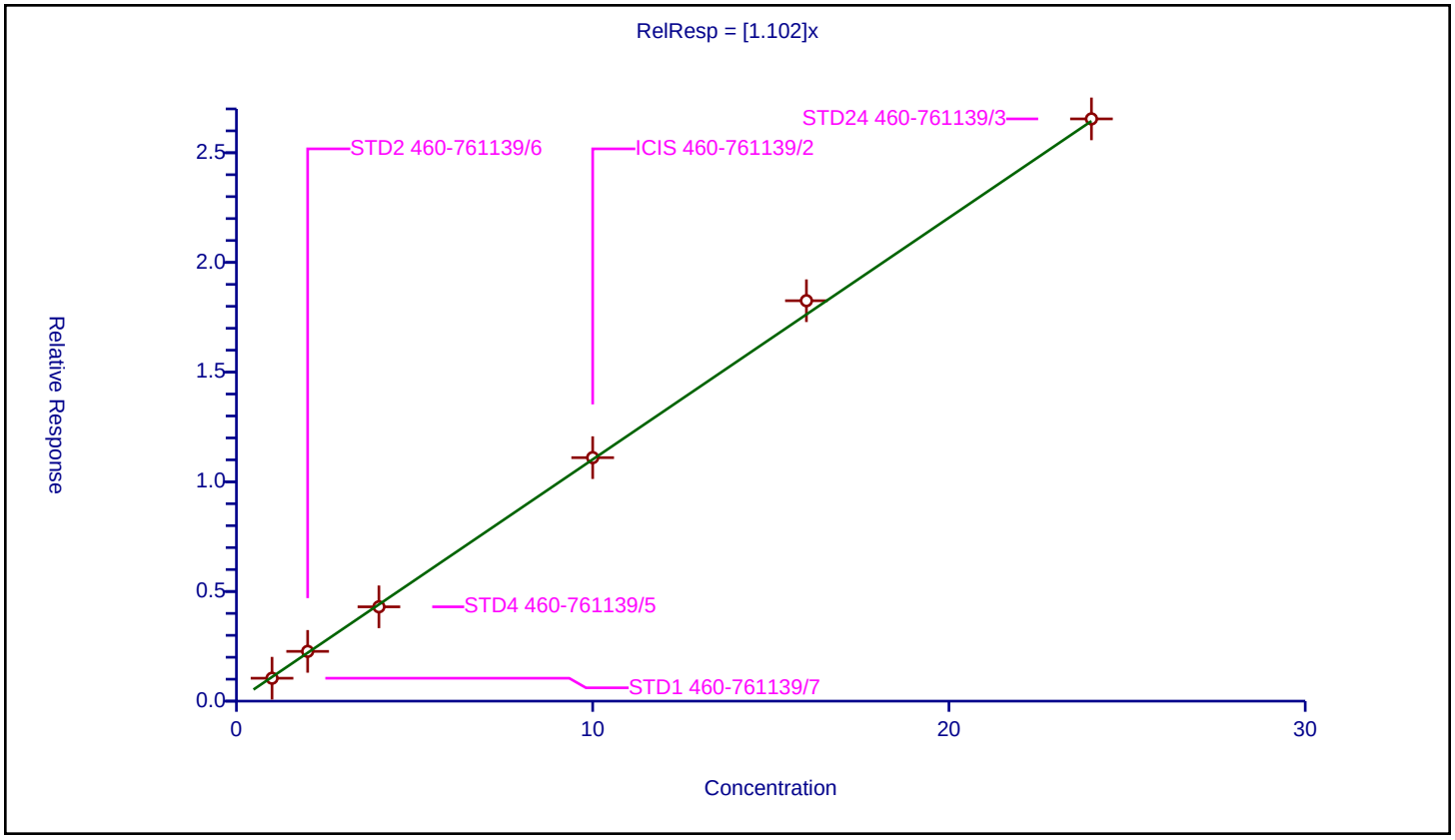
Curve Coefficients

Intercept:	0
Slope:	1.102

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	3.3
Correlation Coefficient:	0.935
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.044762	8.0	855437.0	1.044762	Y
2	STD2 460-761139/6	2.0	2.268547	8.0	796270.0	1.134274	Y
3	STD4 460-761139/5	4.0	4.300594	8.0	801720.0	1.075148	Y
4	ICIS 460-761139/2	10.0	11.101382	8.0	882533.0	1.110138	Y
5	STD16 460-761139/4	16.0	18.255247	8.0	896090.0	1.140953	Y
6	STD24 460-761139/3	24.0	26.54471	8.0	647464.0	1.10603	Y



Calibration / Benzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

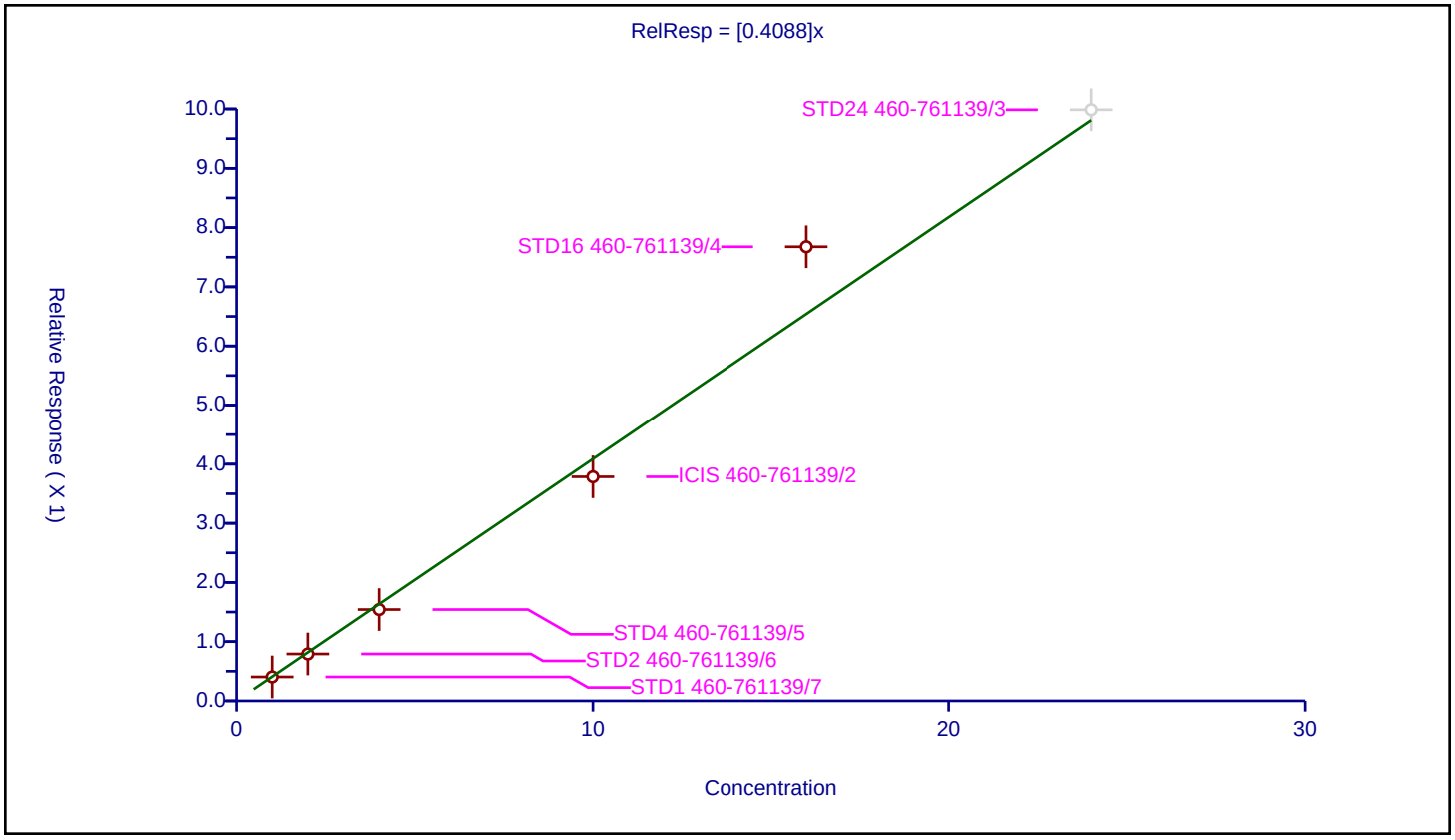
Curve Coefficients

Intercept:	0
Slope:	0.4088

Error Coefficients

Standard Error:	486000
Relative Standard Error:	10.0
Correlation Coefficient:	0.980
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.40406	8.0	855437.0	0.40406	Y
2	STD2 460-761139/6	2.0	0.791631	8.0	796270.0	0.395815	Y
3	STD4 460-761139/5	4.0	1.542164	8.0	801720.0	0.385541	Y
4	ICIS 460-761139/2	10.0	3.78612	8.0	882533.0	0.378612	Y
5	STD16 460-761139/4	16.0	7.676613	8.0	896090.0	0.479788	Y
6	STD24 460-761139/3	24.0	9.986161	8.0	647464.0	0.41609	N



Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

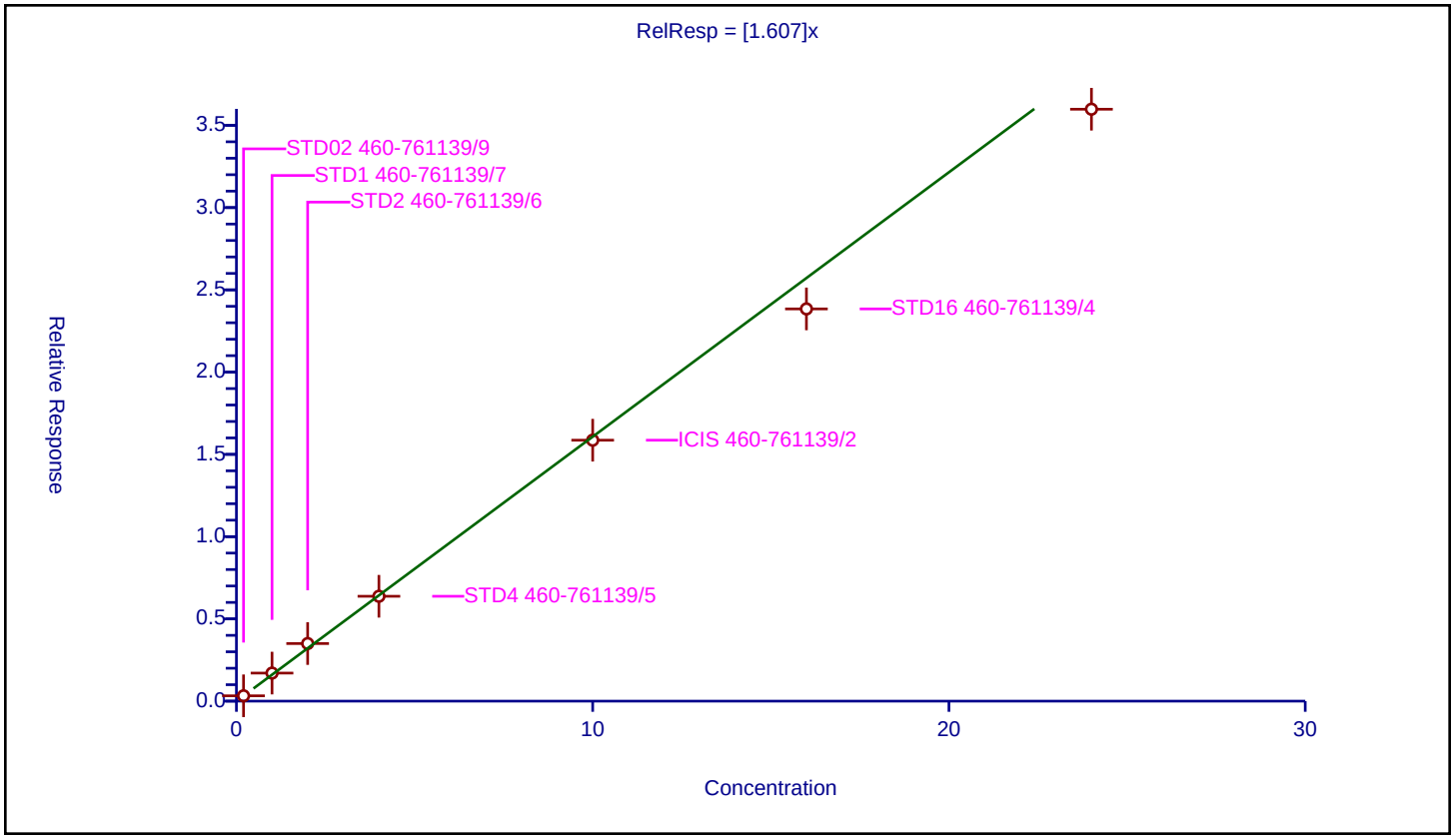
Curve Coefficients

Intercept:	0
Slope:	1.607

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	6.0
Correlation Coefficient:	0.946
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.325305	8.0	501461.0	1.626527	Y
2	STD1 460-761139/7	1.0	1.705421	8.0	536984.0	1.705421	Y
3	STD2 460-761139/6	2.0	3.50123	8.0	511370.0	1.750615	Y
4	STD4 460-761139/5	4.0	6.374741	8.0	542407.0	1.593685	Y
5	ICIS 460-761139/2	10.0	15.861187	8.0	626168.0	1.586119	Y
6	STD16 460-761139/4	16.0	23.842047	8.0	688356.0	1.490128	Y
7	STD24 460-761139/3	24.0	35.980818	8.0	481899.0	1.499201	Y



Calibration / Bisphenol-A

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

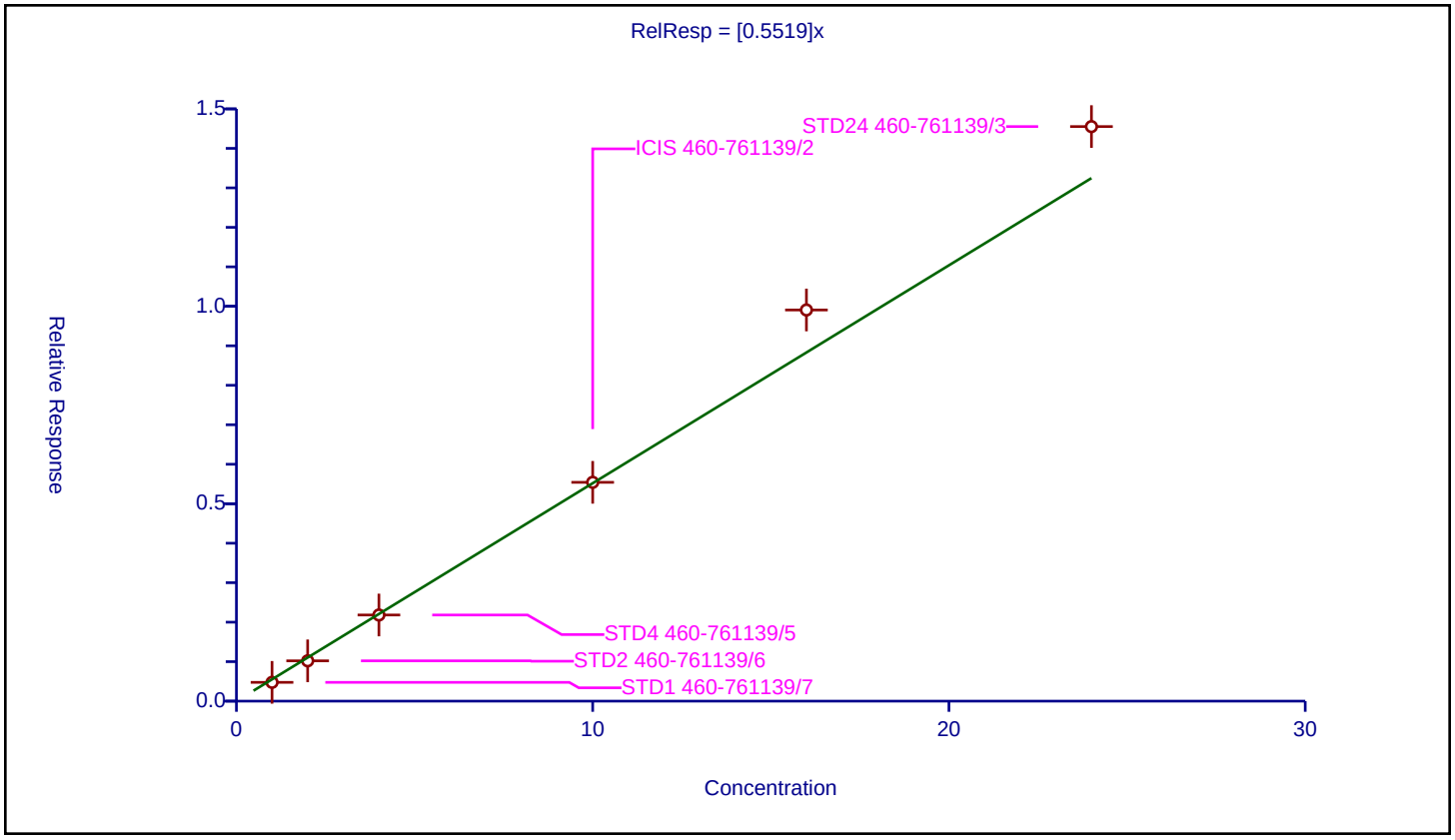
Curve Coefficients

Intercept:	0
Slope:	0.5519

Error Coefficients

Standard Error:	585000
Relative Standard Error:	9.9
Correlation Coefficient:	0.932
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.475619	8.0	536984.0	0.475619	Y
2	STD2 460-761139/6	2.0	1.021194	8.0	511370.0	0.510597	Y
3	STD4 460-761139/5	4.0	2.182022	8.0	542407.0	0.545505	Y
4	ICIS 460-761139/2	10.0	5.542142	8.0	626168.0	0.554214	Y
5	STD16 460-761139/4	16.0	9.907246	8.0	688356.0	0.619203	Y
6	STD24 460-761139/3	24.0	14.551746	8.0	481899.0	0.606323	Y



Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

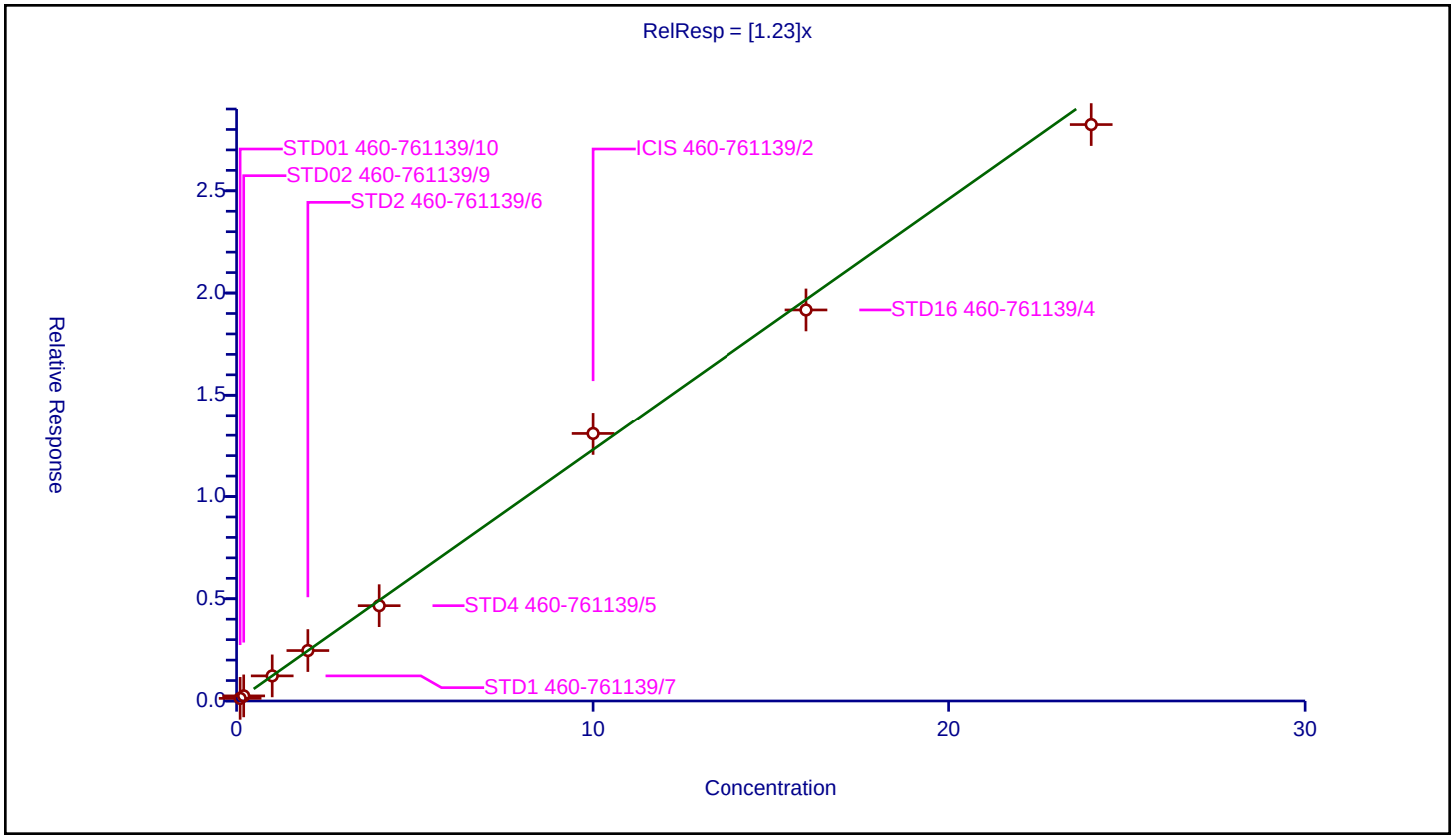
Curve Coefficients

Intercept:	0
Slope:	1.23

Error Coefficients

Standard Error:	985000
Relative Standard Error:	4.0
Correlation Coefficient:	0.942
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.128143	8.0	559251.0	1.281428	Y
2	STD02 460-761139/9	0.2	0.249431	8.0	501461.0	1.247156	Y
3	STD1 460-761139/7	1.0	1.228148	8.0	536984.0	1.228148	Y
4	STD2 460-761139/6	2.0	2.466785	8.0	511370.0	1.233393	Y
5	STD4 460-761139/5	4.0	4.661208	8.0	542407.0	1.165302	Y
6	ICIS 460-761139/2	10.0	13.085843	8.0	626168.0	1.308584	Y
7	STD16 460-761139/4	16.0	19.173056	8.0	688356.0	1.198316	Y
8	STD24 460-761139/3	24.0	28.239776	8.0	481899.0	1.176657	Y



Calibration / Butyl benzyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

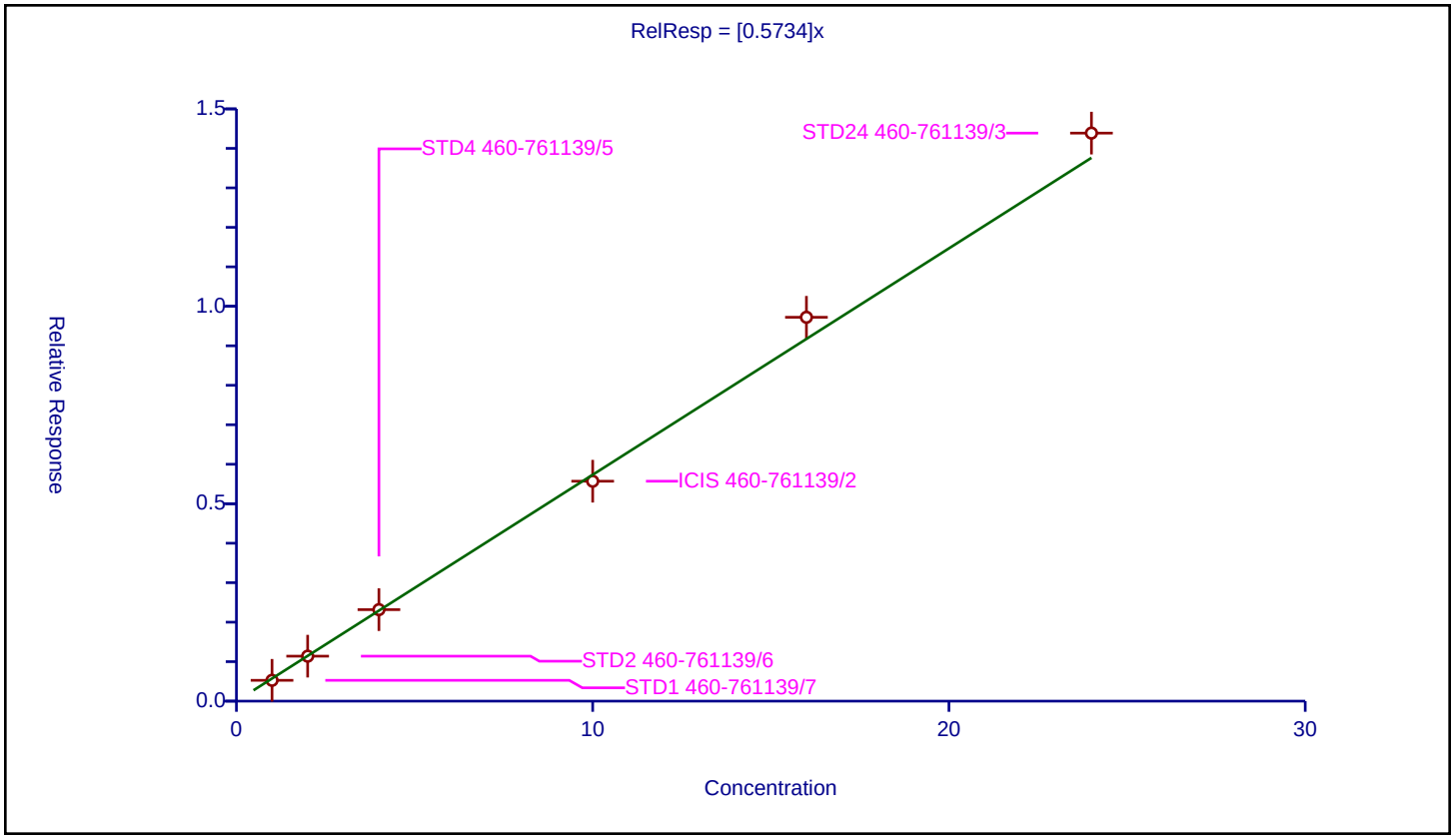
Curve Coefficients

Intercept:	0
Slope:	0.5734

Error Coefficients

Standard Error:	578000
Relative Standard Error:	5.1
Correlation Coefficient:	0.935
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.527286	8.0	536984.0	0.527286	Y
2	STD2 460-761139/6	2.0	1.13898	8.0	511370.0	0.56949	Y
3	STD4 460-761139/5	4.0	2.317374	8.0	542407.0	0.579344	Y
4	ICIS 460-761139/2	10.0	5.569981	8.0	626168.0	0.556998	Y
5	STD16 460-761139/4	16.0	9.722446	8.0	688356.0	0.607653	Y
6	STD24 460-761139/3	24.0	14.387114	8.0	481899.0	0.599463	Y



Calibration / 2,3,7,8-TCDD

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

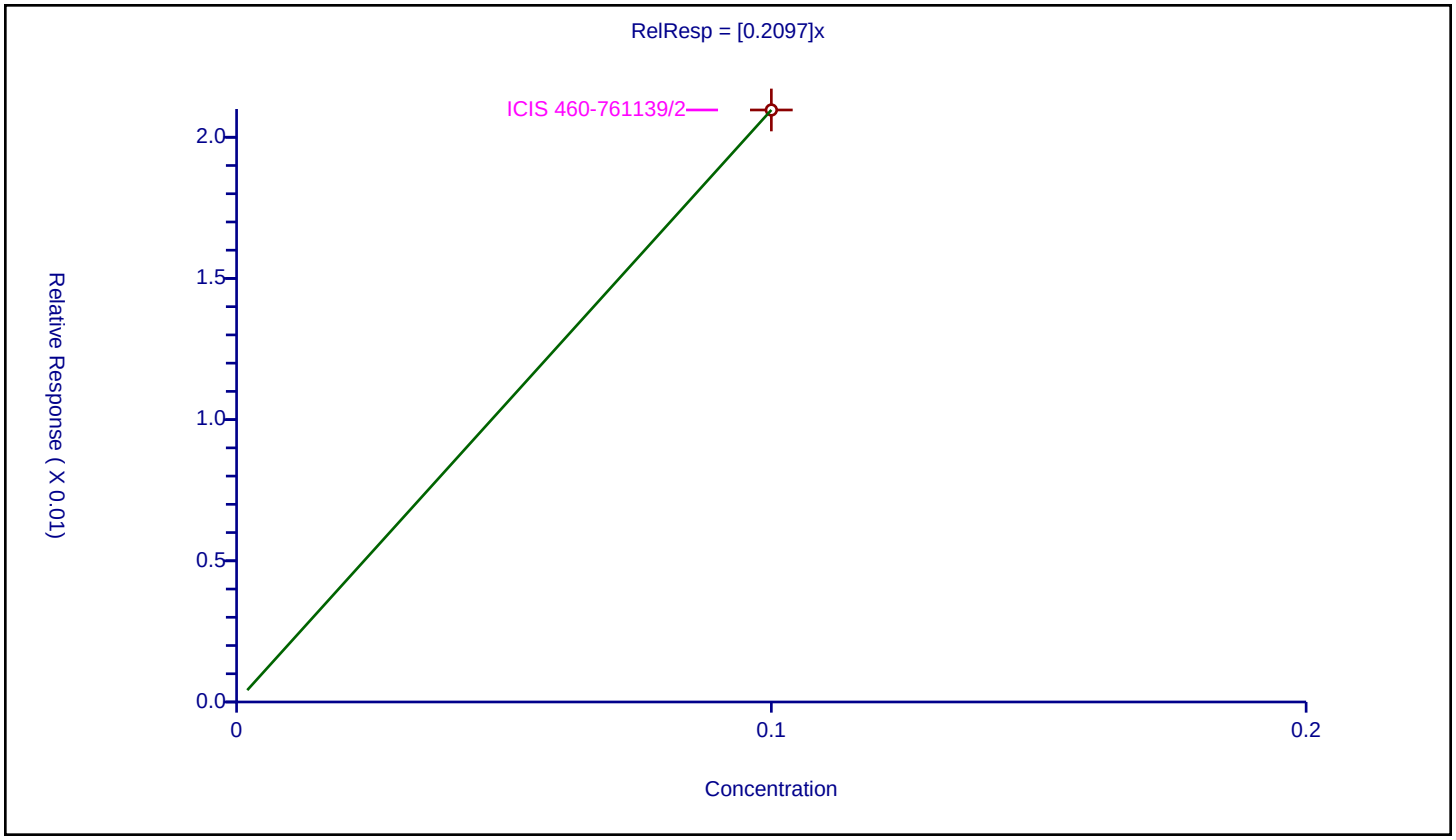
Curve Coefficients

Intercept:	0
Slope:	0.2097

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	1.00

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-761139/2	0.1	0.020966	8.0	626168.0	0.209656	Y



Calibration / Carbamazepine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

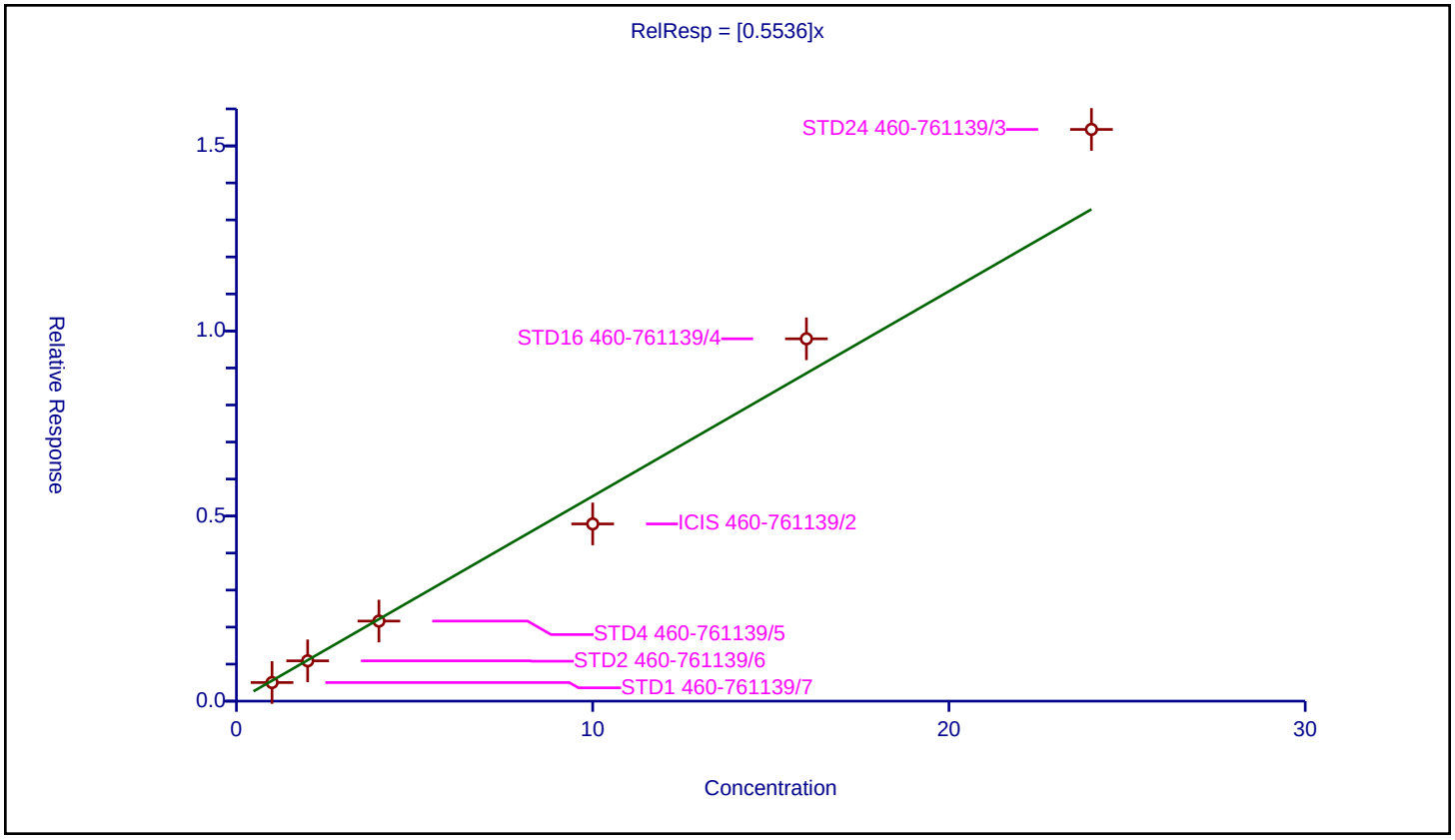
Curve Coefficients

Intercept:	0
Slope:	0.5536

Error Coefficients

Standard Error:	590000
Relative Standard Error:	11.4
Correlation Coefficient:	0.952
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.502406	8.0	536984.0	0.502406	Y
2	STD2 460-761139/6	2.0	1.089074	8.0	511370.0	0.544537	Y
3	STD4 460-761139/5	4.0	2.163128	8.0	542407.0	0.540782	Y
4	ICIS 460-761139/2	10.0	4.787776	8.0	626168.0	0.478778	Y
5	STD16 460-761139/4	16.0	9.788702	8.0	688356.0	0.611794	Y
6	STD24 460-761139/3	24.0	15.445162	8.0	481899.0	0.643548	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

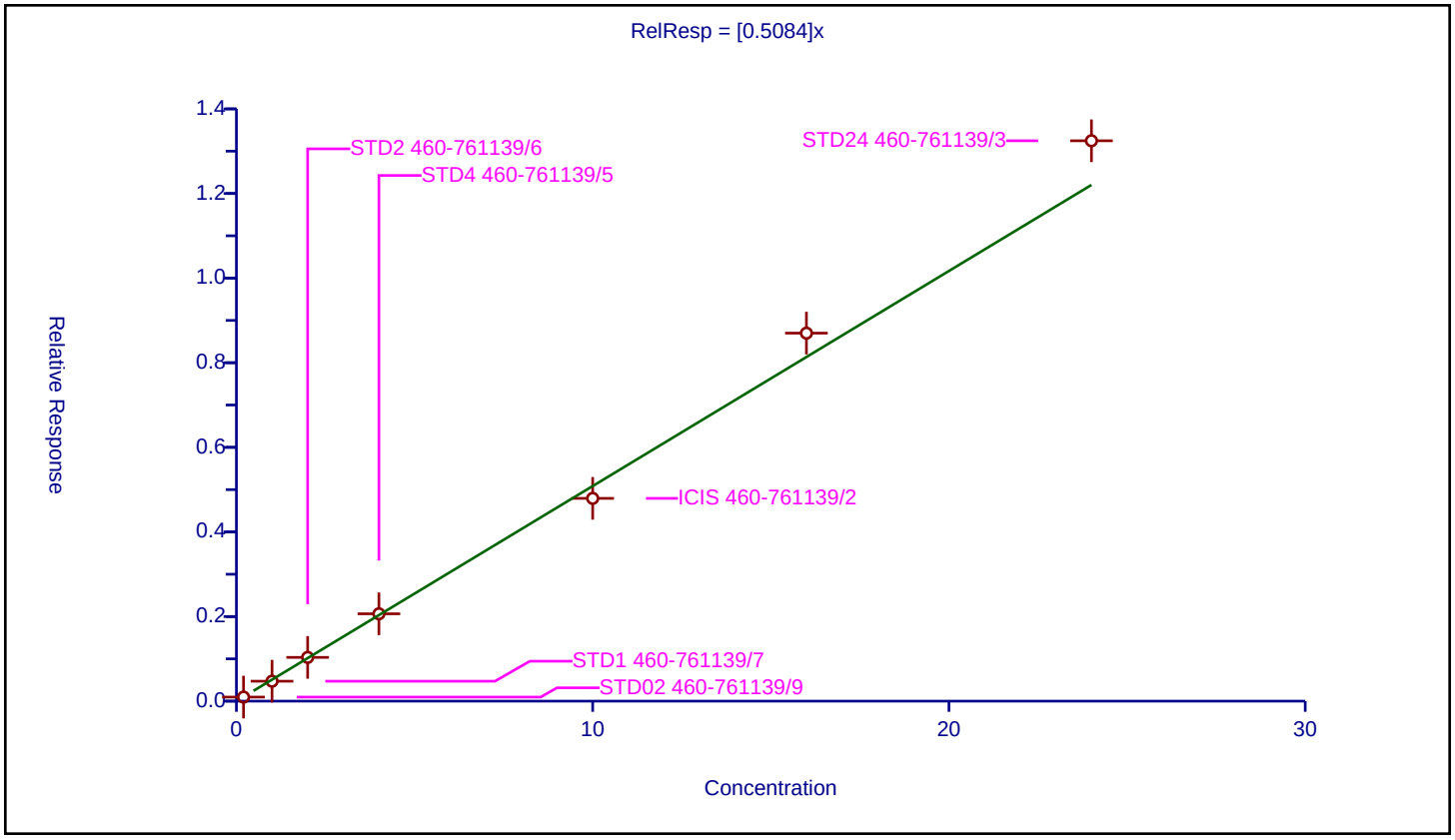
Curve Coefficients

Intercept:	0
Slope:	0.5084

Error Coefficients

Standard Error:	477000
Relative Standard Error:	6.4
Correlation Coefficient:	0.953
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.095912	8.0	501461.0	0.479559	Y
2	STD1 460-761139/7	1.0	0.471284	8.0	536984.0	0.471284	Y
3	STD2 460-761139/6	2.0	1.033975	8.0	511370.0	0.516988	Y
4	STD4 460-761139/5	4.0	2.064619	8.0	542407.0	0.516155	Y
5	ICIS 460-761139/2	10.0	4.793116	8.0	626168.0	0.479312	Y
6	STD16 460-761139/4	16.0	8.699115	8.0	688356.0	0.543695	Y
7	STD24 460-761139/3	24.0	13.24661	8.0	481899.0	0.551942	Y



Calibration / Benzo[a]anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

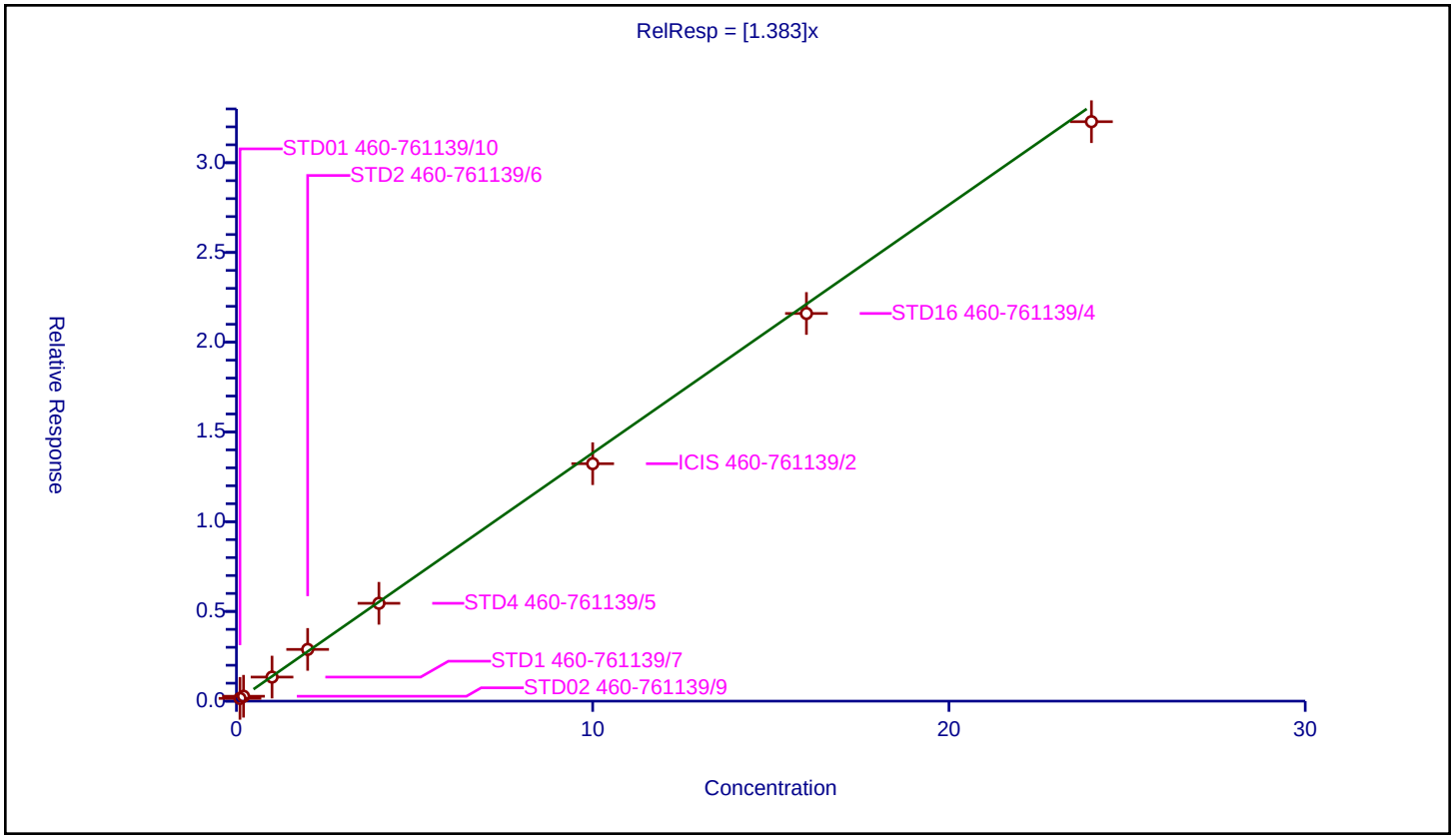
Curve Coefficients

Intercept:	0
Slope:	1.383

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	5.2
Correlation Coefficient:	0.952
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.153834	8.0	559251.0	1.538343	Y
2	STD02 460-761139/9	0.2	0.271846	8.0	501461.0	1.359228	Y
3	STD1 460-761139/7	1.0	1.340807	8.0	536984.0	1.340807	Y
4	STD2 460-761139/6	2.0	2.882719	8.0	511370.0	1.441359	Y
5	STD4 460-761139/5	4.0	5.452201	8.0	542407.0	1.36305	Y
6	ICIS 460-761139/2	10.0	13.231158	8.0	626168.0	1.323116	Y
7	STD16 460-761139/4	16.0	21.600649	8.0	688356.0	1.350041	Y
8	STD24 460-761139/3	24.0	32.287048	8.0	481899.0	1.345294	Y



Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

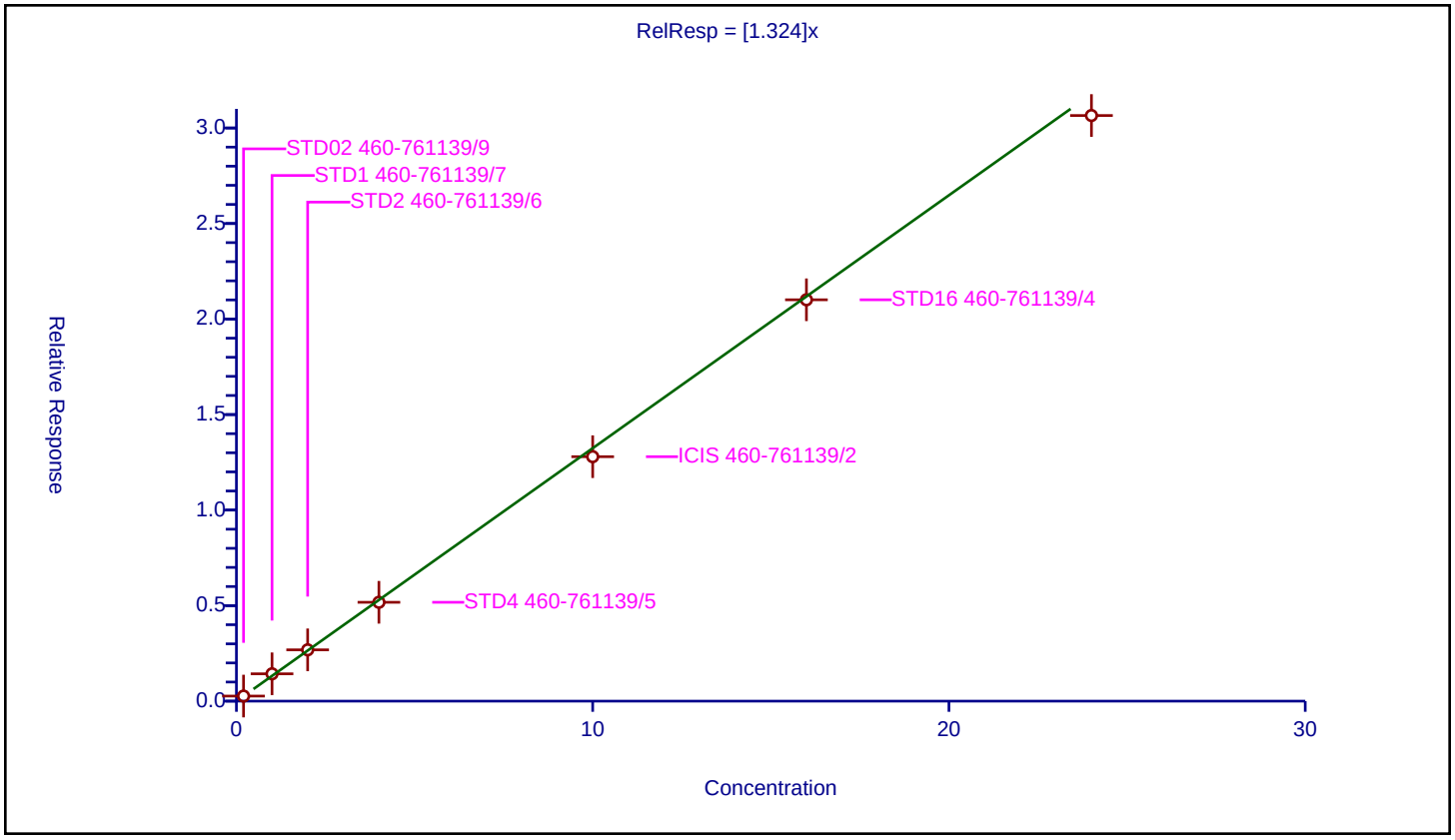
Curve Coefficients

Intercept:	0
Slope:	1.324

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	4.0
Correlation Coefficient:	0.939
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.26615	8.0	501461.0	1.330752	Y
2	STD1 460-761139/7	1.0	1.431	8.0	536984.0	1.431	Y
3	STD2 460-761139/6	2.0	2.685054	8.0	511370.0	1.342527	Y
4	STD4 460-761139/5	4.0	5.173562	8.0	542407.0	1.29339	Y
5	ICIS 460-761139/2	10.0	12.795582	8.0	626168.0	1.279558	Y
6	STD16 460-761139/4	16.0	21.008315	8.0	688356.0	1.31302	Y
7	STD24 460-761139/3	24.0	30.652265	8.0	481899.0	1.277178	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

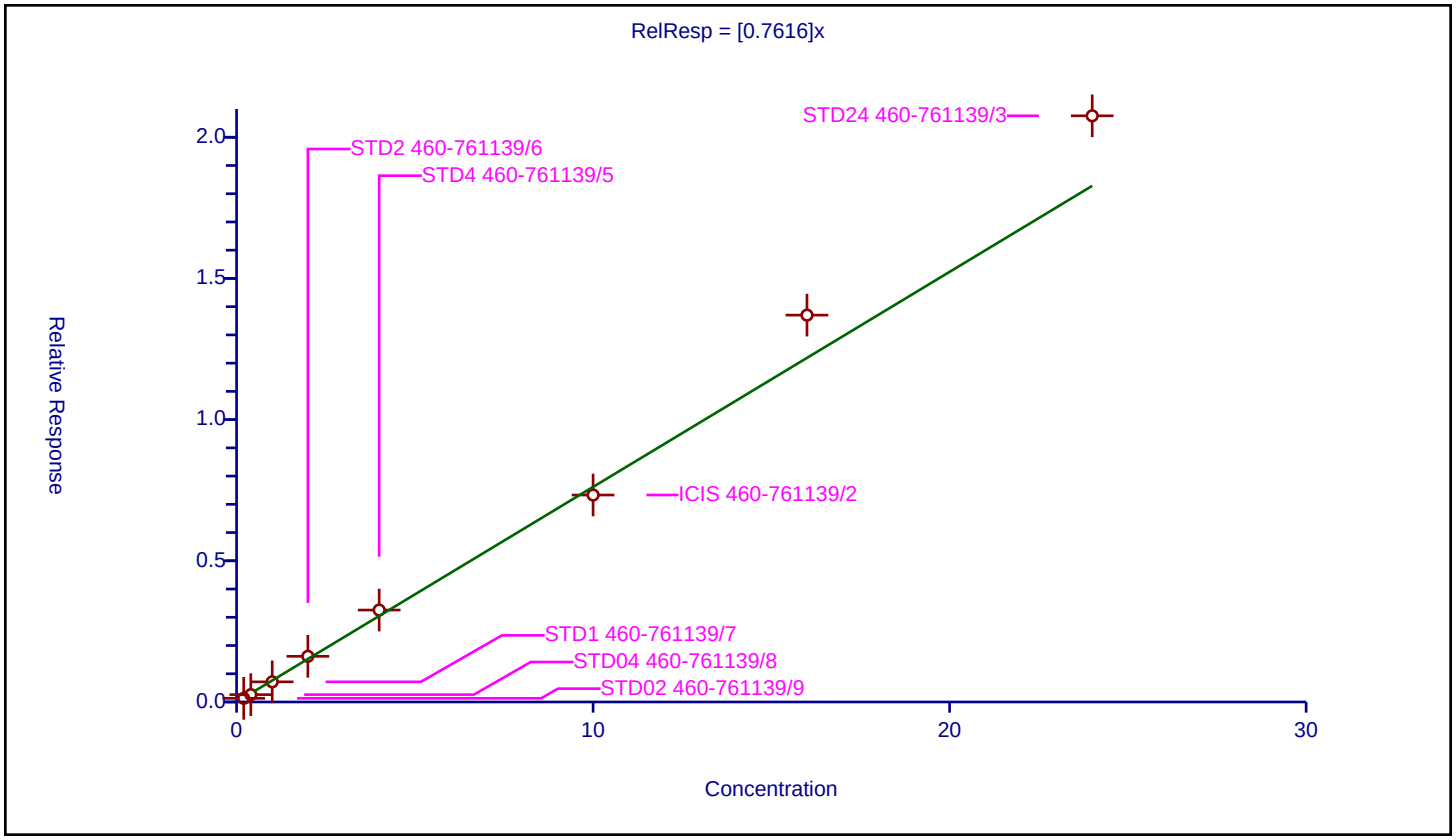
Curve Coefficients

Intercept:	0
Slope:	0.7616

Error Coefficients

Standard Error:	691000
Relative Standard Error:	11.3
Correlation Coefficient:	0.956
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.13018	8.0	501461.0	0.650898	Y
2	STD04 460-761139/8	0.4	0.260636	8.0	568302.0	0.65159	Y
3	STD1 460-761139/7	1.0	0.713705	8.0	536984.0	0.713705	Y
4	STD2 460-761139/6	2.0	1.616865	8.0	511370.0	0.808432	Y
5	STD4 460-761139/5	4.0	3.256094	8.0	542407.0	0.814023	Y
6	ICIS 460-761139/2	10.0	7.330186	8.0	626168.0	0.733019	Y
7	STD16 460-761139/4	16.0	13.700632	8.0	688356.0	0.856289	Y
8	STD24 460-761139/3	24.0	20.759338	8.0	481899.0	0.864972	Y



Calibration / Di-n-octyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

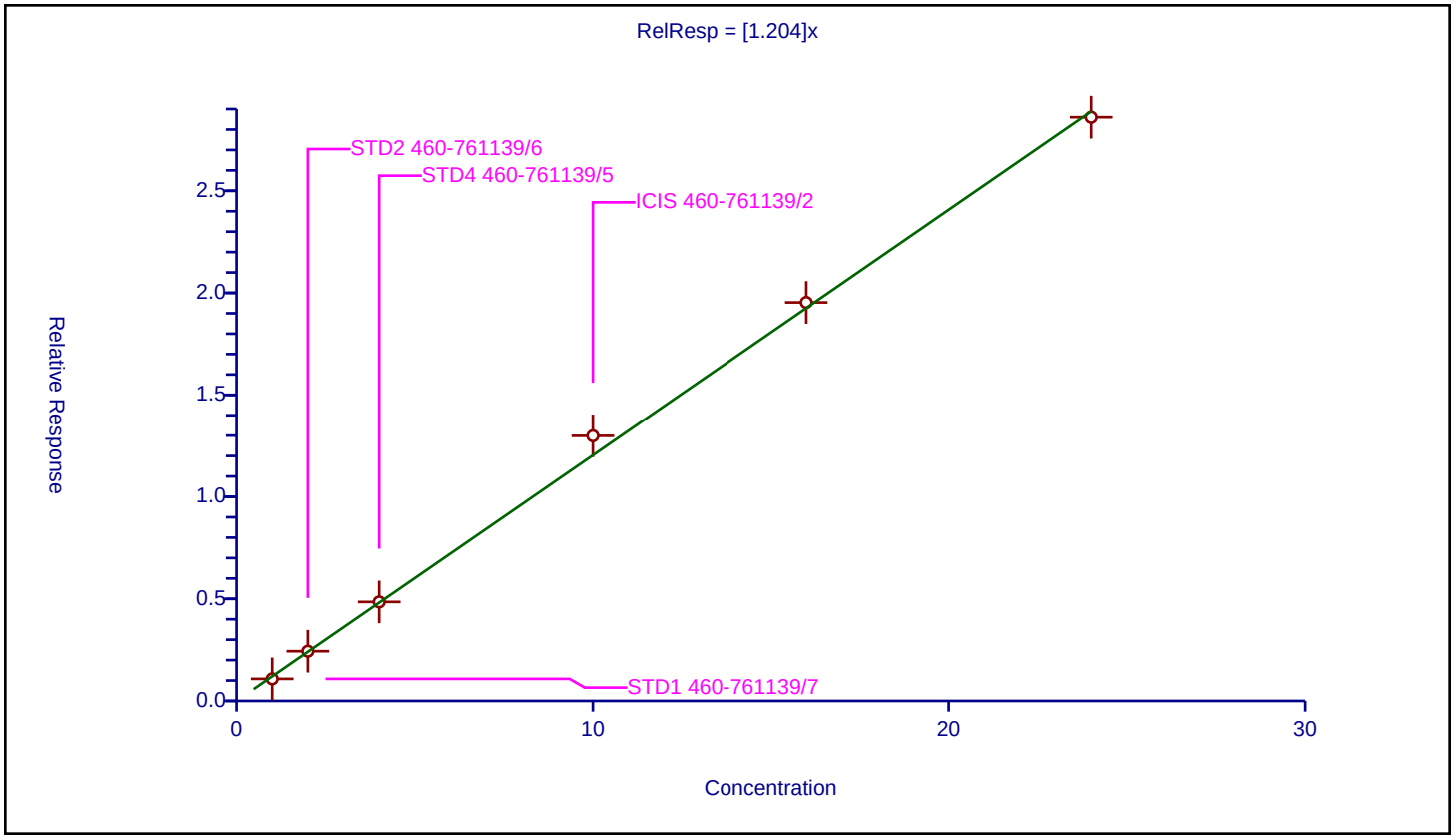
Curve Coefficients

Intercept:	0
Slope:	1.204

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	5.9
Correlation Coefficient:	0.936
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.080002	8.0	599110.0	1.080002	Y
2	STD2 460-761139/6	2.0	2.435122	8.0	581947.0	1.217561	Y
3	STD4 460-761139/5	4.0	4.848921	8.0	604136.0	1.21223	Y
4	ICIS 460-761139/2	10.0	12.989013	8.0	578864.0	1.298901	Y
5	STD16 460-761139/4	16.0	19.531833	8.0	824714.0	1.22074	Y
6	STD24 460-761139/3	24.0	28.600644	8.0	585871.0	1.191694	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

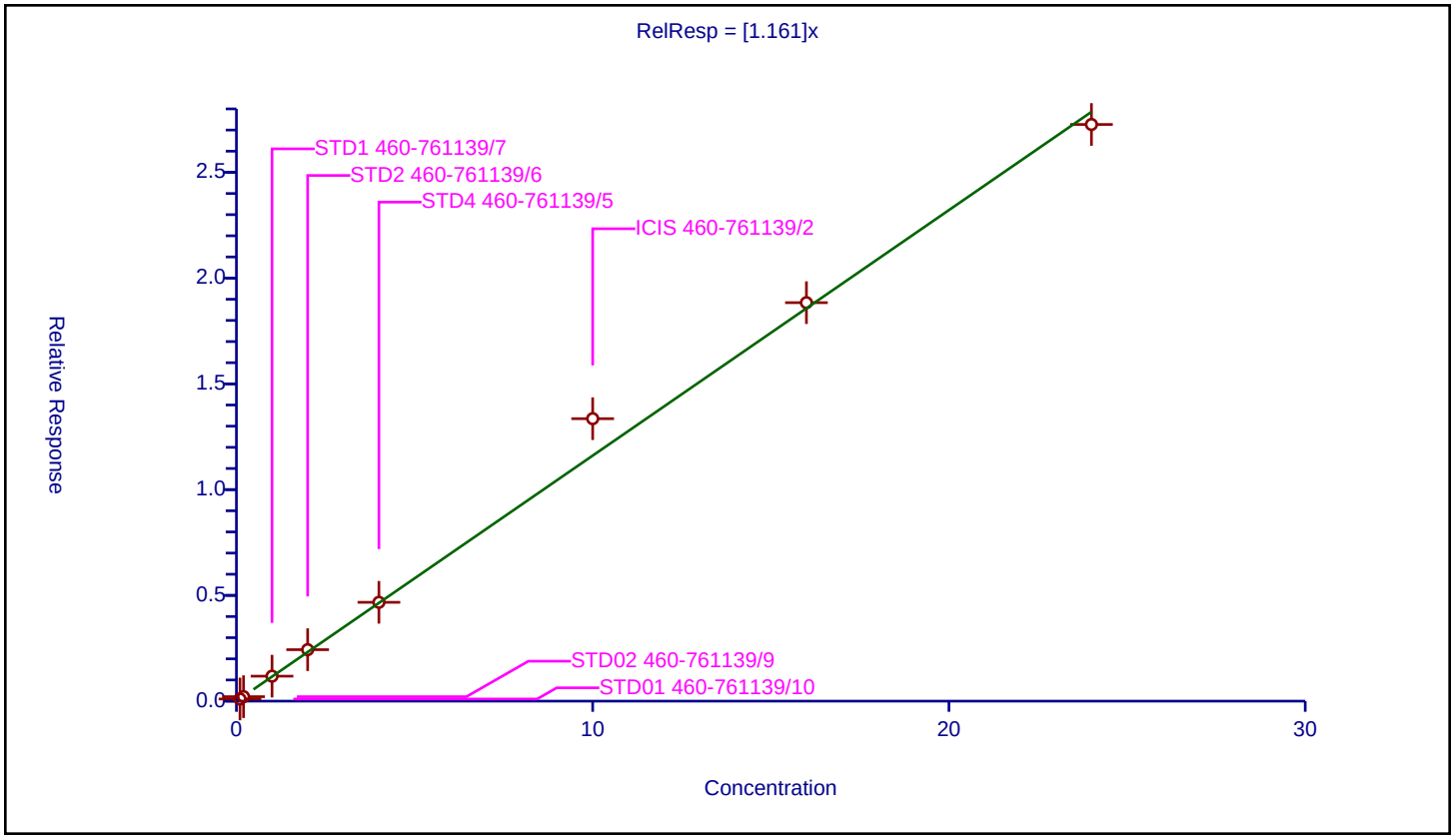
Curve Coefficients

Intercept:	0
Slope:	1.161

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	8.4
Correlation Coefficient:	0.949
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.101616	8.0	622814.0	1.016162	Y
2	STD02 460-761139/9	0.2	0.21126	8.0	584984.0	1.056302	Y
3	STD1 460-761139/7	1.0	1.180257	8.0	599110.0	1.180257	Y
4	STD2 460-761139/6	2.0	2.43284	8.0	581947.0	1.21642	Y
5	STD4 460-761139/5	4.0	4.67259	8.0	604136.0	1.168148	Y
6	ICIS 460-761139/2	10.0	13.353727	8.0	578864.0	1.335373	Y
7	STD16 460-761139/4	16.0	18.838899	8.0	824714.0	1.177431	Y
8	STD24 460-761139/3	24.0	27.263285	8.0	585871.0	1.13597	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

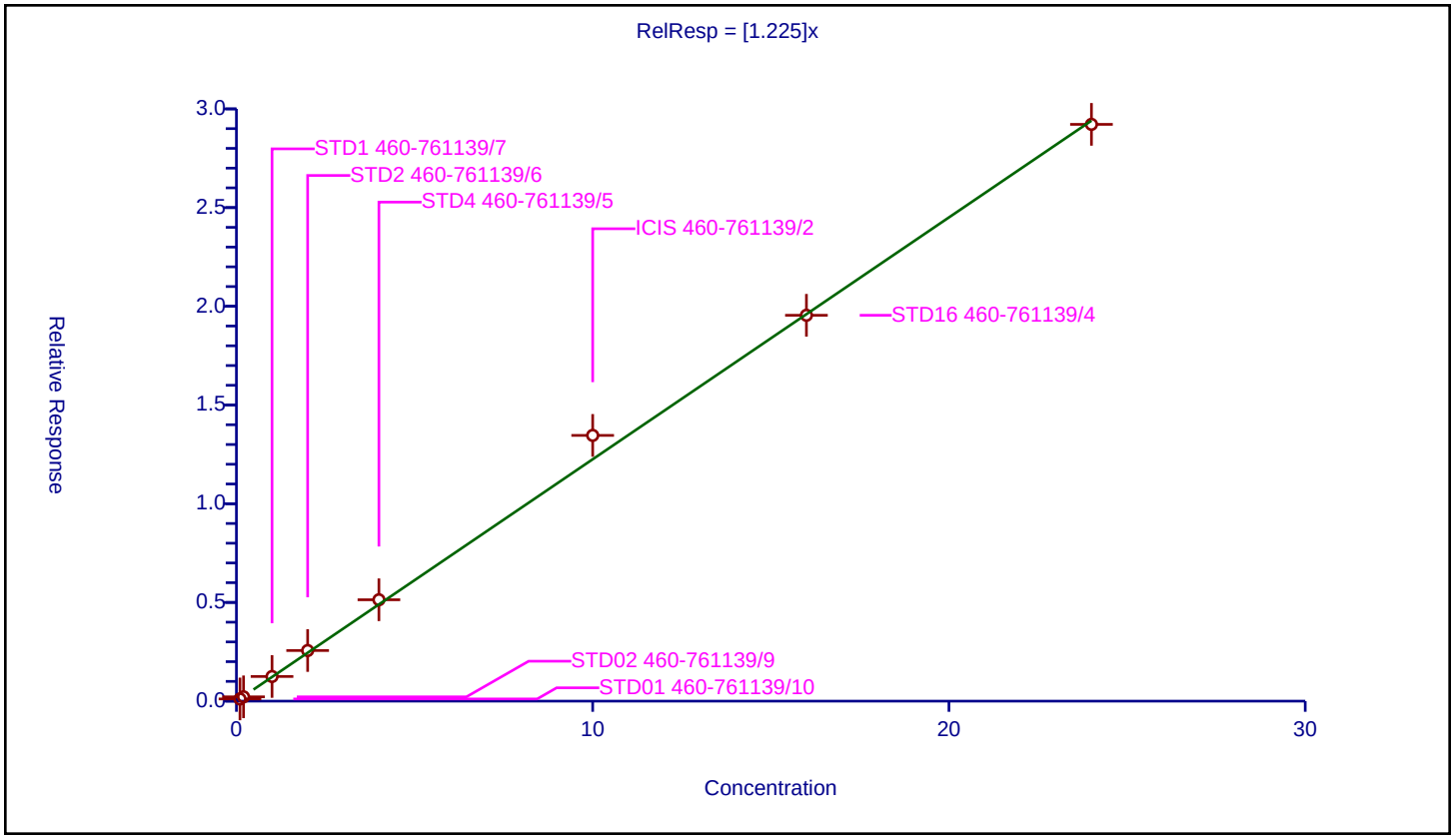
Curve Coefficients

Intercept:	0
Slope:	1.225

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	7.1
Correlation Coefficient:	0.957
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.111288	8.0	622814.0	1.112884	Y
2	STD02 460-761139/9	0.2	0.217825	8.0	584984.0	1.089124	Y
3	STD1 460-761139/7	1.0	1.248425	8.0	599110.0	1.248425	Y
4	STD2 460-761139/6	2.0	2.563711	8.0	581947.0	1.281856	Y
5	STD4 460-761139/5	4.0	5.134884	8.0	604136.0	1.283721	Y
6	ICIS 460-761139/2	10.0	13.460682	8.0	578864.0	1.346068	Y
7	STD16 460-761139/4	16.0	19.5452	8.0	824714.0	1.221575	Y
8	STD24 460-761139/3	24.0	29.215565	8.0	585871.0	1.217315	Y



Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

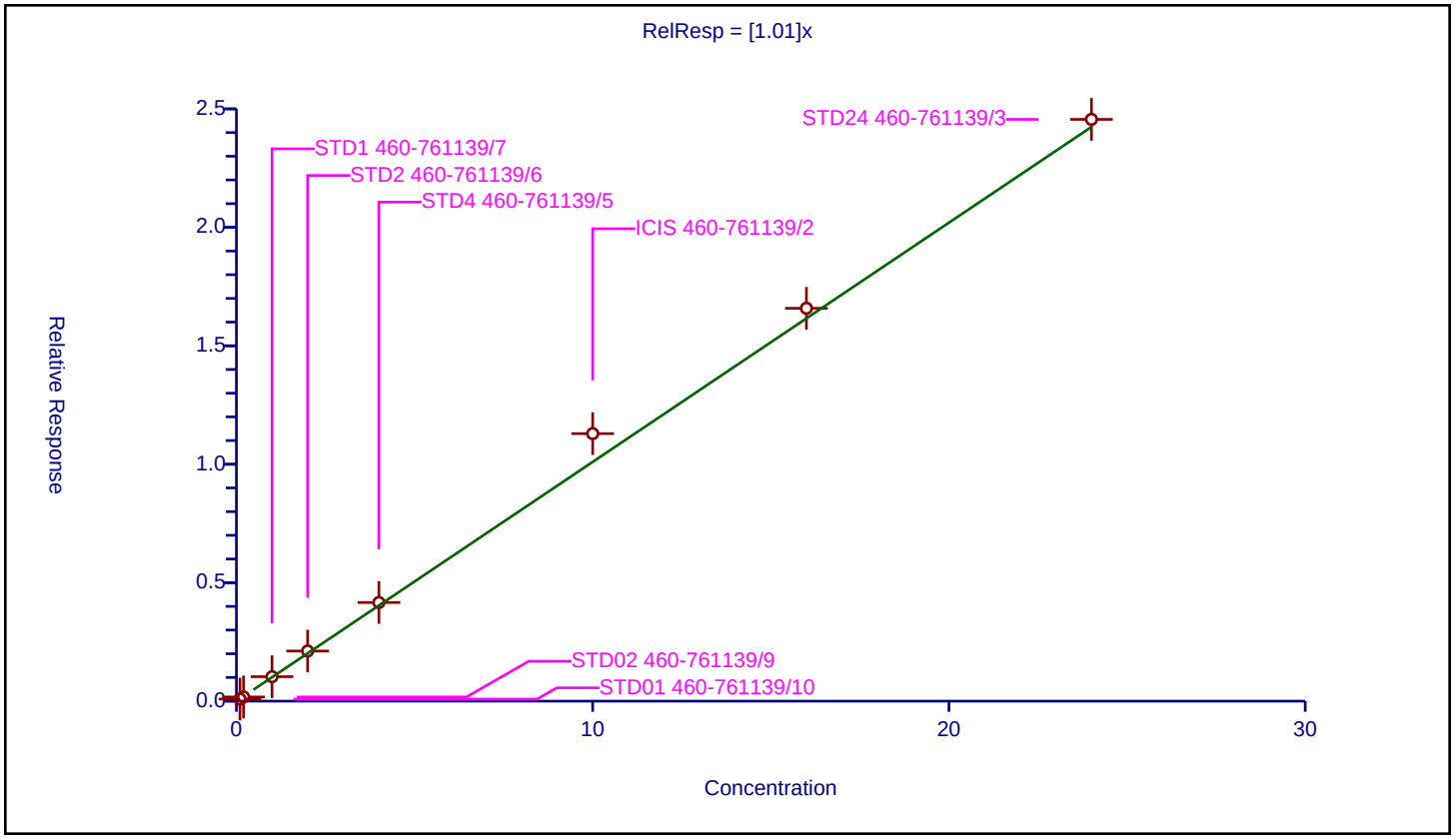
Curve Coefficients

Intercept:	0
Slope:	1.01

Error Coefficients

Standard Error:	997000
Relative Standard Error:	8.6
Correlation Coefficient:	0.954
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.087525	8.0	622814.0	0.875253	Y
2	STD02 460-761139/9	0.2	0.176497	8.0	584984.0	0.882486	Y
3	STD1 460-761139/7	1.0	1.032932	8.0	599110.0	1.032932	Y
4	STD2 460-761139/6	2.0	2.116839	8.0	581947.0	1.058419	Y
5	STD4 460-761139/5	4.0	4.163354	8.0	604136.0	1.040838	Y
6	ICIS 460-761139/2	10.0	11.292545	8.0	578864.0	1.129255	Y
7	STD16 460-761139/4	16.0	16.583921	8.0	824714.0	1.036495	Y
8	STD24 460-761139/3	24.0	24.556614	8.0	585871.0	1.023192	Y



Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

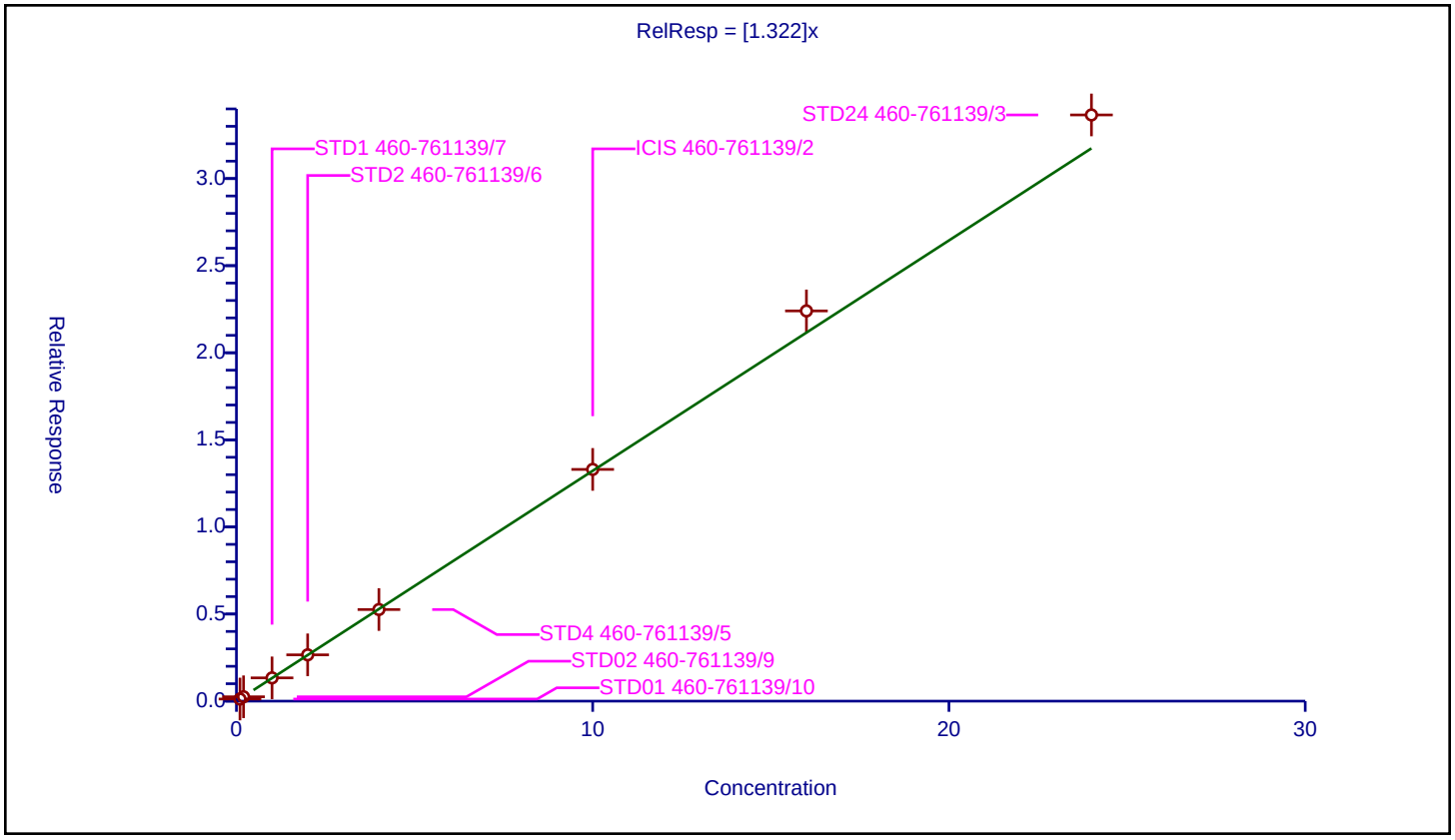
Curve Coefficients

Intercept:	0
Slope:	1.322

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	4.9
Correlation Coefficient:	0.953
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.121423	8.0	622814.0	1.214231	Y
2	STD02 460-761139/9	0.2	0.250578	8.0	584984.0	1.252889	Y
3	STD1 460-761139/7	1.0	1.334847	8.0	599110.0	1.334847	Y
4	STD2 460-761139/6	2.0	2.658002	8.0	581947.0	1.329001	Y
5	STD4 460-761139/5	4.0	5.259054	8.0	604136.0	1.314764	Y
6	ICIS 460-761139/2	10.0	13.302966	8.0	578864.0	1.330297	Y
7	STD16 460-761139/4	16.0	22.402947	8.0	824714.0	1.400184	Y
8	STD24 460-761139/3	24.0	33.653634	8.0	585871.0	1.402235	Y



Calibration / Dibenz(a,h)anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

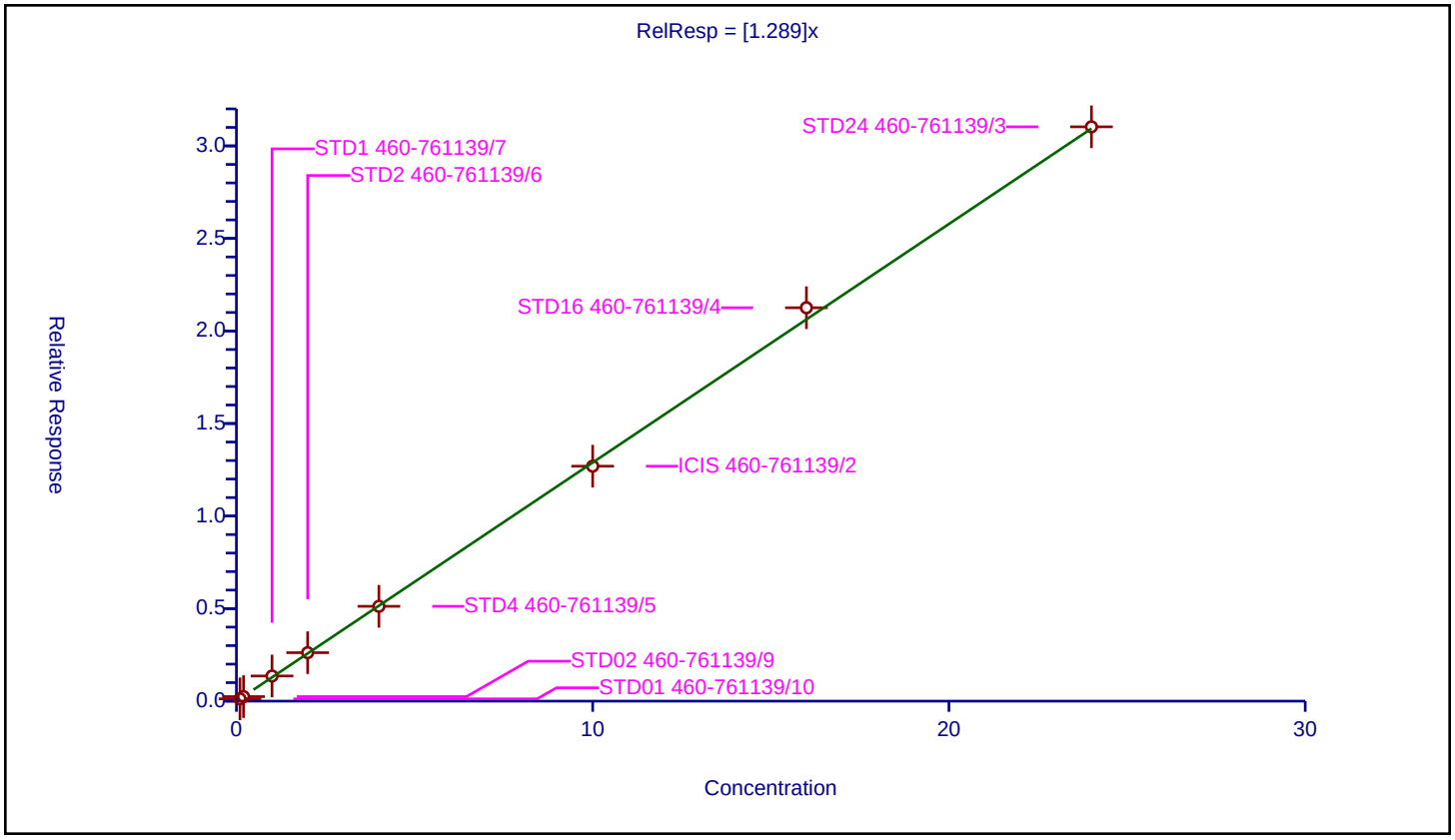
Curve Coefficients

Intercept:	0
Slope:	1.289

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	3.4
Correlation Coefficient:	0.947
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.124493	8.0	622814.0	1.24493	Y
2	STD02 460-761139/9	0.2	0.245408	8.0	584984.0	1.227042	Y
3	STD1 460-761139/7	1.0	1.359657	8.0	599110.0	1.359657	Y
4	STD2 460-761139/6	2.0	2.618122	8.0	581947.0	1.309061	Y
5	STD4 460-761139/5	4.0	5.124489	8.0	604136.0	1.281122	Y
6	ICIS 460-761139/2	10.0	12.695251	8.0	578864.0	1.269525	Y
7	STD16 460-761139/4	16.0	21.255601	8.0	824714.0	1.328475	Y
8	STD24 460-761139/3	24.0	31.031391	8.0	585871.0	1.292975	Y



Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

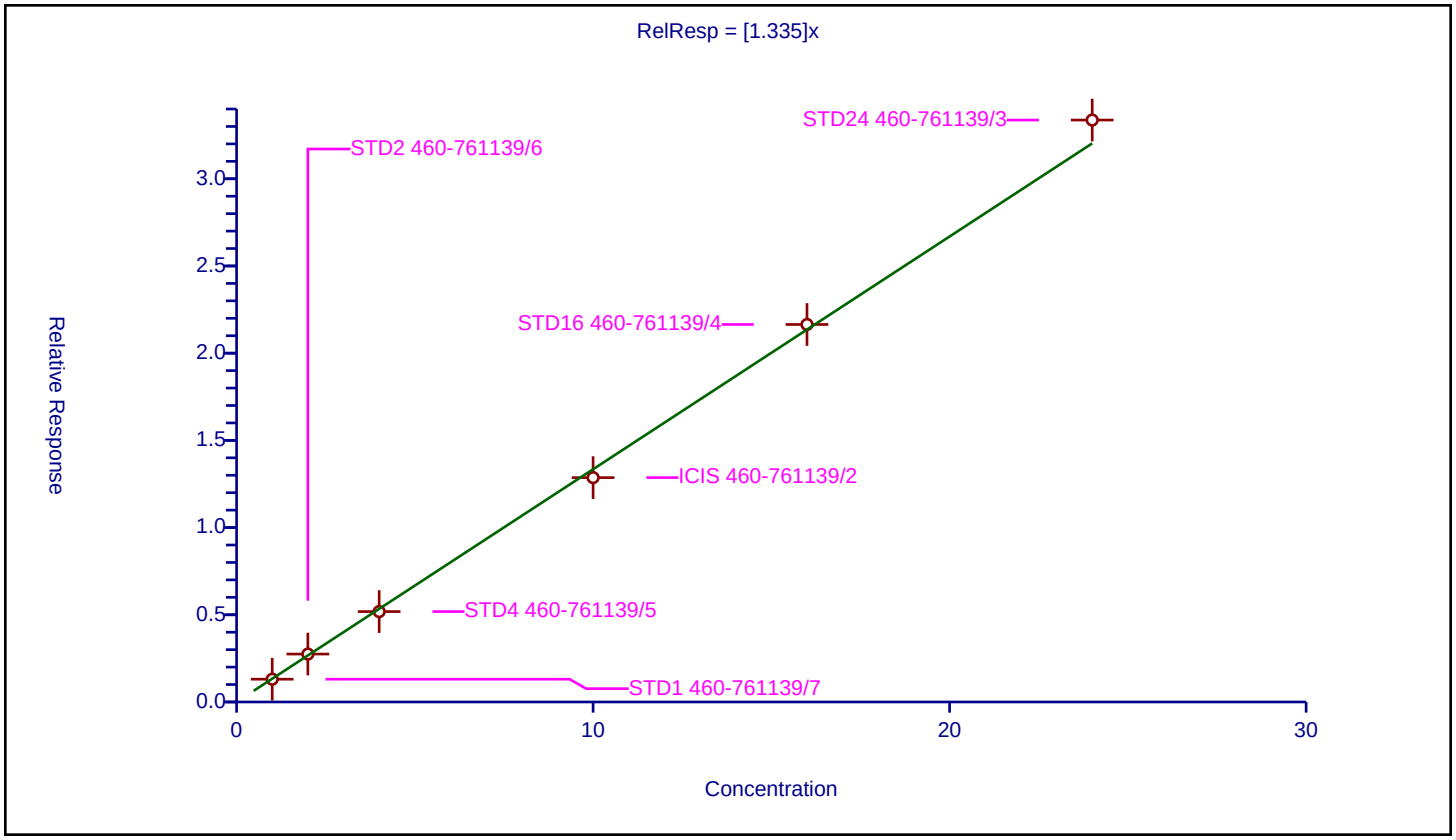
Curve Coefficients

Intercept:	0
Slope:	1.335

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	3.3
Correlation Coefficient:	0.946
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.307259	8.0	599110.0	1.307259	Y
2	STD2 460-761139/6	2.0	2.749006	8.0	581947.0	1.374503	Y
3	STD4 460-761139/5	4.0	5.18376	8.0	604136.0	1.29594	Y
4	ICIS 460-761139/2	10.0	12.864051	8.0	578864.0	1.286405	Y
5	STD16 460-761139/4	16.0	21.645254	8.0	824714.0	1.352828	Y
6	STD24 460-761139/3	24.0	33.367687	8.0	585871.0	1.39032	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: ICV 460-761139/11 Calibration Date: 02/26/2021 11:32

Instrument ID: CBNAMS14 Calib Start Date: 02/26/2021 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/26/2021 11:10

Lab File ID: N030104.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5190	0.5044		4860	5000	-2.8	30.0
N-Nitrosodimethylamine	Ave	0.7512	0.7934		5280	5000	5.6	30.0
Pyridine	Ave	1.222	1.045		8550	10000	-14.5	30.0
Benzaldehyde	Ave	1.142	0.9058	0.0100	3970	5000	-20.7	30.0
Phenol	Ave	1.724	1.714	0.8000	4970	5000	-0.6	30.0
Aniline	Ave	1.967	1.934		4920	5000	-1.7	30.0
Bis(2-chloroethyl)ether	Ave	1.341	1.294	0.7000	4830	5000	-3.5	30.0
2-Chlorophenol	Ave	1.318	1.323	0.8000	5020	5000	0.3	30.0
n-Decane	Ave	1.957	1.921		4910	5000	-1.8	30.0
1,3-Dichlorobenzene	Ave	1.544	1.511		4890	5000	-2.2	30.0
1,4-Dichlorobenzene	Ave	1.558	1.518		4870	5000	-2.6	30.0
Benzyl alcohol	Ave	0.7555	0.7908		5230	5000	4.7	30.0
1,2-Dichlorobenzene	Ave	1.465	1.443		4920	5000	-1.5	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.470	2.488	0.0100	5040	5000	0.8	30.0
2-Methylphenol	Ave	1.136	1.124	0.7000	4950	5000	-1.0	30.0
Acetophenone	Ave	1.859	1.858	0.0100	5000	5000	-0.0	30.0
N-Methylaniline	Ave	2.012	1.917		4760	5000	-4.7	30.0
N-Nitrosodi-n-propylamine	Ave	0.9858	0.9854	0.5000	5000	5000	-0.0	30.0
3 & 4 Methylphenol	Ave	1.213	1.220		5030	5000	0.6	30.0
4-Methylphenol	Ave	1.213	1.220	0.6000	5030	5000	0.6	30.0
Hexachloroethane	Ave	0.6004	0.6057	0.3000	5040	5000	0.9	30.0
Nitrobenzene	Ave	0.6092	0.6222	0.2000	5110	5000	2.1	30.0
n,n'-Dimethylaniline	Ave	1.929	1.843		4780	5000	-4.5	30.0
Isophorone	Ave	0.6936	0.6873	0.4000	4950	5000	-0.9	30.0
2-Nitrophenol	Ave	0.2055	0.1971	0.1000	4800	5000	-4.1	30.0
2,4-Dimethylphenol	Ave	0.3077	0.2980	0.2000	4840	5000	-3.2	30.0
Bis(2-chloroethoxy)methane	Ave	0.4339	0.4133	0.3000	4760	5000	-4.7	30.0
Benzoic acid	Qua		0.1200		4300	5000	-13.9	30.0
2,4-Dichlorophenol	Ave	0.3193	0.3104	0.2000	4860	5000	-2.8	30.0
1,2,4-Trichlorobenzene	Ave	0.3787	0.3661		4830	5000	-3.3	30.0
Naphthalene	Ave	1.033	1.012	0.7000	4900	5000	-2.0	30.0
4-Chloroaniline	Ave	0.3887	0.3846	0.0100	4950	5000	-1.1	30.0
Hexachlorobutadiene	Ave	0.2432	0.2329	0.0100	4790	5000	-4.2	30.0
Caprolactam	Ave	0.0648	0.0709	0.0100	5470	5000	9.4	30.0
4-Chloro-3-methylphenol	Ave	0.2955	0.2774	0.2000	4700	5000	-6.1	30.0
2-Methylnaphthalene	Ave	0.7169	0.6878	0.4000	4800	5000	-4.1	30.0
1-Methylnaphthalene	Ave	0.6671	0.6407		4800	5000	-4.0	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7531	0.7560	0.0100	5020	5000	0.4	30.0
Hexachlorocyclopentadiene	Ave	0.5751	0.5072	0.0500	4410	5000	-11.8	30.0
2-tertbutyl-4-methylphenol	Ave	0.4542	0.4469		4920	5000	-1.6	30.0
2,4,6-Trichlorophenol	Ave	0.4537	0.4500	0.2000	4960	5000	-0.8	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: ICV 460-761139/11 Calibration Date: 02/26/2021 11:32

Instrument ID: CBNAMS14 Calib Start Date: 02/26/2021 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/26/2021 11:10

Lab File ID: N030104.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4905	0.4635	0.2000	4720	5000	-5.5	30.0
1,1'-Biphenyl	Ave	1.624	1.599	0.0100	4920	5000	-1.5	30.0
2-Chloronaphthalene	Ave	1.269	1.264	0.8000	4980	5000	-0.4	30.0
Phenyl ether	Ave	0.8819	0.8299		4710	5000	-5.9	30.0
2-Nitroaniline	Ave	0.4901	0.4774	0.0100	4870	5000	-2.6	30.0
1,3-Dimethylnaphthalene	Ave	0.997	1.029		5160	5000	3.2	30.0
Dimethyl phthalate	Ave	1.352	1.329	0.0100	4910	5000	-1.8	30.0
Coumarin	Ave	0.1964	0.1869		4760	5000	-4.8	30.0
2,6-Dinitrotoluene	Ave	0.3026	0.3031	0.2000	5010	5000	0.2	30.0
Acenaphthylene	Ave	1.880	1.824	0.9000	4850	5000	-3.0	30.0
3-Nitroaniline	Ave	0.2743	0.2725	0.0100	4970	5000	-0.7	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.285	1.225		4770	5000	-4.7	30.0
Acenaphthene	Ave	1.171	1.198	0.9000	5120	5000	2.3	30.0
2,4-Dinitrophenol	Qua		0.1561	0.0100	9520	10000	-4.8	30.0
4-Nitrophenol	Ave	0.2441	0.2307	0.0100	9450	10000	-5.5	30.0
2,4-Dinitrotoluene	Ave	0.3798	0.3775	0.2000	4970	5000	-0.6	30.0
Dibenzofuran	Ave	1.750	1.694	0.8000	4840	5000	-3.2	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3904	0.3761	0.0100	4820	5000	-3.7	30.0
Diethyl phthalate	Ave	1.290	1.262	0.0100	4890	5000	-2.2	30.0
4-Chlorophenyl phenyl ether	Ave	0.7144	0.6926	0.4000	4850	5000	-3.1	30.0
Fluorene	Ave	1.386	1.317	0.9000	4750	5000	-5.0	30.0
4-Nitroaniline	Ave	0.2542	0.2588	0.0100	5090	5000	1.8	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1299	0.1198	0.0100	9230	10000	-7.7	30.0
N-Nitrosodiphenylamine	Ave	0.5827	0.5697	0.0100	4890	5000	-2.2	30.0
1,2-Diphenylhydrazine	Ave	0.8629	0.8442		4890	5000	-2.2	30.0
4-Bromophenyl phenyl ether	Ave	0.2759	0.2739	0.1000	4960	5000	-0.7	30.0
Hexachlorobenzene	Ave	0.3253	0.3129	0.1000	4810	5000	-3.8	30.0
Atrazine	Ave	0.1909	0.2069	0.0100	5420	5000	8.4	30.0
Pentachlorophenol	Ave	0.1661	0.1494	0.0500	8990	10000	-10.1	30.0
Pentachloronitrobenzene	Ave	0.1258	0.1201	0.0100	4770	5000	-4.6	30.0
n-Octadecane	Ave	0.6891	0.6554		4760	5000	-4.9	30.0
Phenanthrene	Ave	1.121	1.071	0.7000	4780	5000	-4.5	30.0
Anthracene	Ave	1.138	1.086	0.7000	4770	5000	-4.6	30.0
Carbazole	Ave	0.9500	0.9091	0.0100	4780	5000	-4.3	30.0
Di-n-butyl phthalate	Ave	1.080	1.078	0.0100	4990	5000	-0.2	30.0
Fluoranthene	Ave	1.102	1.093	0.6000	4960	5000	-0.8	30.0
Benzidine	Ave	0.4088	0.3356		4100	5000	-17.9	30.0
Pyrene	Ave	1.607	1.564	0.6000	4870	5000	-2.7	30.0
Bisphenol-A	Ave	0.5519	0.6627		6000	5000	20.1	30.0
Butyl benzyl phthalate	Ave	0.5734	0.6071	0.0100	5290	5000	5.9	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: ICV 460-761139/11 Calibration Date: 02/26/2021 11:32

Instrument ID: CBNAMS14 Calib Start Date: 02/26/2021 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/26/2021 11:10

Lab File ID: N030104.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.5536	0.5615		5070	5000	1.4	30.0
3,3'-Dichlorobenzidine	Ave	0.5084	0.5145	0.0100	5060	5000	1.2	30.0
Benzo[a]anthracene	Ave	1.383	1.409	0.8000	5100	5000	1.9	30.0
Chrysene	Ave	1.324	1.292	0.7000	4880	5000	-2.4	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7616	0.8416	0.0100	5530	5000	10.5	30.0
Di-n-octyl phthalate	Ave	1.204	1.186	0.0100	4930	5000	-1.4	30.0
Benzo[b]fluoranthene	Ave	1.161	1.170		5040	5000	0.8	30.0
Benzo[k]fluoranthene	Ave	1.225	1.224	0.7000	5000	5000	-0.0	30.0
Benzo[a]pyrene	Ave	1.010	1.130	0.7000	5590	5000	11.9	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.322	1.332	0.5000	5040	5000	0.7	30.0
Dibenz(a,h)anthracene	Ave	1.289	1.256	0.4000	4870	5000	-2.6	30.0
Benzo[g,h,i]perylene	Ave	1.335	1.298	0.5000	4860	5000	-2.8	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030104.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 26-Feb-2021 11:32:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-011
Operator ID: Instrument ID: CBNAMS14
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:25:53 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 02-Mar-2021 07:26:48

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	1,4-Dioxane	88	1.810	1.816	-0.006	93	87775	5.00	4.86	
2	N-Nitrosodimethylamine	74	2.016	2.022	-0.006	73	138067	5.00	5.28	
3	Pyridine	79	2.051	2.058	-0.007	76	363823	10.0	8.55	
5	Benzaldehyde	77	3.922	3.922	0.000	92	157626	5.00	3.97	E
8	Aniline	93	4.028	4.028	0.000	76	336509	5.00	4.92	
7	Phenol	94	4.022	4.028	-0.006	86	298227	5.00	4.97	
9	Bis(2-chloroethyl)ether	93	4.075	4.075	0.000	94	225245	5.00	4.83	
10	Benzonitrile	103	4.093	4.093	0.000	99	431187	NC	NC	
11	2-Chlorophenol	128	4.151	4.151	0.000	92	230187	5.00	5.02	
12	n-Decane	43	4.187	4.187	0.000	94	334230	5.00	4.91	
13	1,3-Dichlorobenzene	146	4.287	4.287	0.000	93	262922	5.00	4.89	
* 14	1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	278424	8.00	8.00	
15	1,4-Dichlorobenzene	146	4.351	4.351	0.000	92	264087	5.00	4.87	
16	Benzyl alcohol	108	4.475	4.475	0.000	89	137604	5.00	5.23	
17	1,2-Dichlorobenzene	146	4.504	4.504	0.000	95	251067	5.00	4.92	
19	2,2'-oxybis[1-chloropropane]	45	4.592	4.599	-0.006	88	433028	5.00	5.04	
18	2-Methylphenol	108	4.598	4.599	0.000	80	195641	5.00	4.95	
20	N-Methylaniline	106	4.716	4.716	0.000	93	333552	5.00	4.76	
21	Acetophenone	105	4.716	4.722	-0.006	88	323259	5.00	5.00	
22	N-Nitrosodi-n-propylamine	70	4.722	4.722	0.000	93	171481	5.00	5.00	
23	3 & 4 Methylphenol	108	4.745	4.746	-0.001	72	212247	5.00	5.03	
24	4-Methylphenol	108	4.745	4.746	-0.001	93	212247	5.00	5.03	
25	Hexachloroethane	117	4.822	4.822	0.000	90	105404	5.00	5.04	
28	Nitrobenzene	123	4.881	4.881	0.000	90	108270	5.00	5.11	
29	n,n'-Dimethylaniline	120	4.887	4.887	0.000	94	320686	5.00	4.78	
30	Isophorone	82	5.110	5.110	0.000	98	423250	5.00	4.95	
32	2-Nitrophenol	139	5.187	5.187	0.000	82	121383	5.00	4.80	
33	2,4-Dimethylphenol	122	5.245	5.246	-0.001	87	183530	5.00	4.84	
34	Bis(2-chloroethoxy)methane	93	5.316	5.316	0.000	95	254555	5.00	4.76	
35	Benzoic acid	122	5.328	5.328	0.000	94	73921	5.00	4.30	
36	2,4-Dichlorophenol	162	5.434	5.434	0.000	93	191127	5.00	4.86	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
37 1,2,4-Trichlorobenzene	180	5.498	5.498	0.000	94	225447	5.00	4.83	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	985346	8.00	8.00	
39 Naphthalene	128	5.569	5.569	0.000	98	623362	5.00	4.90	
40 4-Chloroaniline	127	5.628	5.628	0.000	95	236837	5.00	4.95	
130 2,6-Dichlorophenol	162	5.639	5.640	-0.001	94	186361	5.00	4.74	
41 Hexachlorobutadiene	225	5.698	5.698	0.000	96	143435	5.00	4.79	
42 Caprolactam	113	5.939	5.940	-0.001	86	43666	5.00	5.47	E
43 4-Chloro-3-methylphenol	107	6.116	6.116	0.000	97	170862	5.00	4.70	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	83	423558	5.00	4.80	
45 1-Methylnaphthalene	142	6.322	6.322	0.000	93	394568	5.00	4.80	
46 Hexachlorocyclopentadiene	237	6.392	6.393	-0.001	97	153988	5.00	4.41	
47 1,2,4,5-Tetrachlorobenzene	216	6.392	6.393	-0.001	97	229522	5.00	5.02	
48 2-tertbutyl-4-methylphenol	149	6.439	6.440	-0.001	90	275233	5.00	4.92	
49 2,4,6-Trichlorophenol	196	6.510	6.510	0.000	89	136617	5.00	4.96	
50 2,4,5-Trichlorophenol	196	6.551	6.557	-0.006	96	140724	5.00	4.72	
52 1,1'-Biphenyl	154	6.675	6.675	0.000	97	485495	5.00	4.92	
53 2-Chloronaphthalene	162	6.692	6.692	0.000	96	383620	5.00	4.98	
54 Phenyl ether	170	6.775	6.775	0.000	89	251954	5.00	4.71	
55 2-Nitroaniline	65	6.792	6.792	0.000	94	144927	5.00	4.87	
57 1,3-Dimethylnaphthalene	156	6.898	6.898	0.000	91	312364	5.00	5.16	
59 Dimethyl phthalate	163	6.969	6.969	0.000	97	403345	5.00	4.91	
60 Coumarin	146	6.981	6.981	0.000	76	115128	5.00	4.76	
61 2,6-Dinitrotoluene	165	7.022	7.022	0.000	93	92016	5.00	5.01	
62 Acenaphthylene	152	7.081	7.081	0.000	97	553835	5.00	4.85	
63 3-Nitroaniline	138	7.181	7.187	-0.006	91	82731	5.00	4.97	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	95	485741	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.245	7.245	0.000	97	371905	5.00	4.77	
66 Acenaphthene	154	7.251	7.251	0.000	96	363630	5.00	5.12	
67 2,4-Dinitrophenol	184	7.275	7.281	-0.006	94	94795	10.0	9.52	
68 4-Nitrophenol	65	7.381	7.381	0.000	92	140086	10.0	9.45	
69 2,4-Dinitrotoluene	165	7.398	7.398	0.000	92	114614	5.00	4.97	
70 Dibenzofuran	168	7.410	7.410	0.000	99	514301	5.00	4.84	
72 2,3,4,6-Tetrachlorophenol	232	7.539	7.540	-0.001	94	114177	5.00	4.82	
73 Diethyl phthalate	149	7.633	7.634	-0.001	98	382986	5.00	4.89	
75 Fluorene	166	7.733	7.734	-0.001	92	399827	5.00	4.75	
74 4-Chlorophenyl phenyl ether	204	7.733	7.734	-0.001	78	210270	5.00	4.85	
76 4-Nitroaniline	138	7.763	7.763	0.000	91	78566	5.00	5.09	
77 4,6-Dinitro-2-methylphenol	198	7.786	7.787	-0.001	84	115968	10.0	9.23	
78 N-Nitrosodiphenylamine	169	7.851	7.851	0.000	98	275705	5.00	4.89	
79 1,2-Diphenylhydrazine	77	7.886	7.887	-0.001	98	408533	5.00	4.89	
81 4-Bromophenyl phenyl ether	248	8.198	8.198	0.000	91	132550	5.00	4.96	
82 Hexachlorobenzene	284	8.263	8.263	0.000	96	151399	5.00	4.81	
83 Atrazine	200	8.357	8.357	0.000	92	100107	5.00	5.42	E
84 Pentachlorophenol	266	8.451	8.451	0.000	93	144564	10.0	8.99	
85 Pentachloronitrobenzene	237	8.463	8.463	0.000	88	58096	5.00	4.77	
86 n-Octadecane	57	8.533	8.534	-0.001	93	317170	5.00	4.76	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	774280	8.00	8.00	
88 Phenanthrene	178	8.639	8.639	0.000	97	518206	5.00	4.78	
89 Anthracene	178	8.686	8.686	0.000	99	525558	5.00	4.77	
90 Carbazole	167	8.845	8.845	0.000	96	439946	5.00	4.78	
91 Di-n-butyl phthalate	149	9.180	9.181	-0.001	100	521543	5.00	4.99	
92 Fluoranthene	202	9.763	9.769	-0.006	98	528979	5.00	4.96	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	9.898	9.898	0.000	99	162386	5.00	4.10	
94 Pyrene	202	9.980	9.981	-0.001	98	531870	5.00	4.87	
95 Bisphenol-A	213	10.051	10.051	0.000	98	225308	5.00	6.00	
97 Butyl benzyl phthalate	149	10.627	10.628	-0.001	98	206415	5.00	5.29	
99 Carbamazepine	193	10.733	10.739	-0.006	91	190905	5.00	5.07	
100 3,3'-Dichlorobenzidine	252	11.198	11.198	0.000	99	174921	5.00	5.06	
101 Benzo[a]anthracene	228	11.216	11.216	0.000	98	479051	5.00	5.10	
* 102 Chrysene-d12	240	11.227	11.227	0.000	99	543960	8.00	8.00	
104 Chrysene	228	11.257	11.257	0.000	98	439390	5.00	4.88	
103 Bis(2-ethylhexyl) phthalate	149	11.274	11.280	-0.006	88	286123	5.00	5.53	
105 Di-n-octyl phthalate	149	12.086	12.086	0.000	97	471229	5.00	4.93	
106 Benzo[b]fluoranthene	252	12.557	12.557	0.000	97	464754	5.00	5.04	
107 Benzo[k]fluoranthene	252	12.592	12.592	0.000	98	486398	5.00	5.00	
108 Benzo[a]pyrene	252	12.998	12.998	0.000	98	448741	5.00	5.59	
* 109 Perylene-d12	264	13.080	13.080	0.000	100	635641	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.598	14.598	0.000	97	529081	5.00	5.04	
111 Dibenz(a,h)anthracene	278	14.633	14.639	-0.006	98	498968	5.00	4.87	
112 Benzo[g,h,i]perylene	276	15.009	15.010	-0.001	96	515481	5.00	4.86	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SV_ICV_ LVI_00003 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:26:52 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030104.d

Injection Date: 26-Feb-2021 11:32:30 Instrument ID: CBNAMS14 Operator ID:

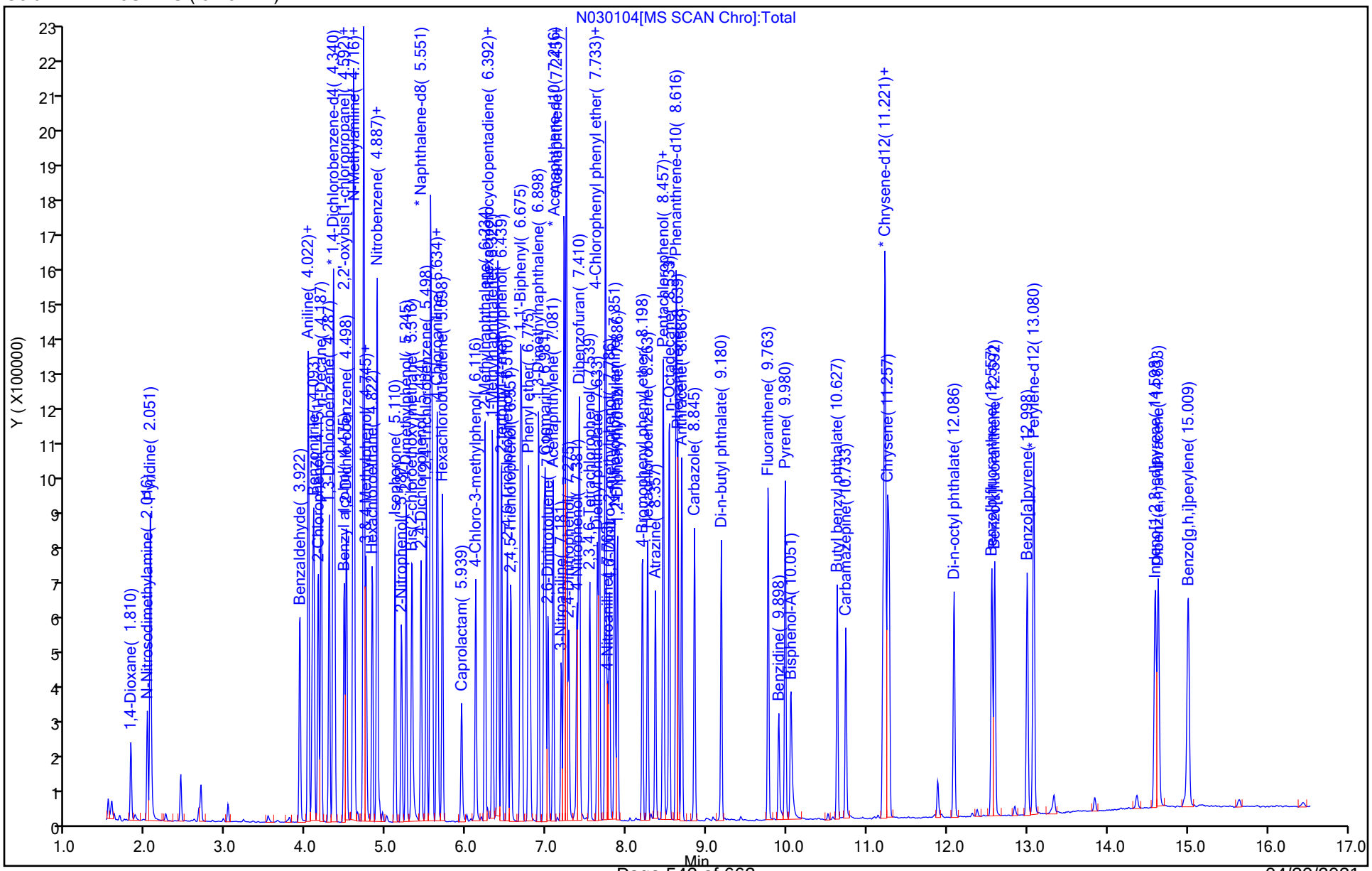
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: CCVIS 460-774880/2 Calibration Date: 04/29/2021 18:27

Instrument ID: CBNAMS14 Calib Start Date: 02/26/2021 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/26/2021 11:10

Lab File ID: N31596.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5190	0.6146		11800	10000	18.4	20.0
N-Nitrosodimethylamine	Ave	0.7512	0.8937		11900	10000	19.0	20.0
Pyridine	Ave	1.222	1.336		21900	20000	9.3	20.0
Benzaldehyde	Ave	1.142	0.6438	0.0100	2260	4000	-43.6*	20.0
Phenol	Ave	1.724	1.891	0.8000	11000	10000	9.7	20.0
Aniline	Ave	1.967	2.214		11300	10000	12.6	20.0
Bis(2-chloroethyl)ether	Ave	1.341	1.452	0.7000	10800	10000	8.3	20.0
2-Chlorophenol	Ave	1.318	1.384	0.8000	10500	10000	5.0	20.0
n-Decane	Ave	1.957	2.317		11800	10000	18.4	20.0
1,3-Dichlorobenzene	Ave	1.544	1.521		9850	10000	-1.5	20.0
1,4-Dichlorobenzene	Ave	1.558	1.550		9950	10000	-0.5	20.0
Benzyl alcohol	Ave	0.7555	0.8875		11700	10000	17.5	20.0
1,2-Dichlorobenzene	Ave	1.465	1.455		9930	10000	-0.7	20.0
2-Methylphenol	Ave	1.136	1.219	0.7000	10700	10000	7.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.470	2.885	0.0100	11700	10000	16.8	20.0
N-Methylaniline	Ave	2.012	2.157		10700	10000	7.2	20.0
Acetophenone	Ave	1.859	1.993	0.0100	10700	10000	7.2	20.0
N-Nitrosodi-n-propylamine	Ave	0.9858	1.119	0.5000	11400	10000	13.5	20.0
3 & 4 Methylphenol	Ave	1.213	1.408		11600	10000	16.1	20.0
4-Methylphenol	Ave	1.213	1.408	0.6000	11600	10000	16.1	20.0
Hexachloroethane	Ave	0.6004	0.6474	0.3000	10800	10000	7.8	20.0
Nitrobenzene	Ave	0.6092	0.6798	0.2000	11200	10000	11.6	20.0
n,n'-Dimethylaniline	Ave	1.929	1.916		9930	10000	-0.7	20.0
Isophorone	Ave	0.6936	0.7647	0.4000	11000	10000	10.3	20.0
2-Nitrophenol	Ave	0.2055	0.2074	0.1000	10100	10000	0.9	20.0
2,4-Dimethylphenol	Ave	0.3077	0.3283	0.2000	10700	10000	6.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.4339	0.4801	0.3000	11100	10000	10.6	20.0
Benzoic acid	Qua		0.1789		10700	10000	7.3	20.0
2,4-Dichlorophenol	Ave	0.3193	0.3159	0.2000	9890	10000	-1.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3787	0.3683		9730	10000	-2.7	20.0
Naphthalene	Ave	1.033	1.068	0.7000	10300	10000	3.4	20.0
4-Chloroaniline	Ave	0.3887	0.4522	0.0100	11600	10000	16.4	20.0
Hexachlorobutadiene	Ave	0.2432	0.2143	0.0100	8810	10000	-11.9	20.0
Caprolactam	Ave	0.0648	0.0952	0.0100	5880	4000	46.9*	20.0
4-Chloro-3-methylphenol	Ave	0.2955	0.3171	0.2000	10700	10000	7.3	20.0
2-Methylnaphthalene	Ave	0.7169	0.7298	0.4000	10200	10000	1.8	20.0
1-Methylnaphthalene	Ave	0.6671	0.6810		10200	10000	2.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7531	0.6863	0.0100	9110	10000	-8.9	20.0
Hexachlorocyclopentadiene	Ave	0.5751	0.4860	0.0500	8450	10000	-15.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4542	0.4543		10000	10000	0.0	20.0
2,4,6-Trichlorophenol	Ave	0.4537	0.4481	0.2000	9880	10000	-1.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: CCVIS 460-774880/2 Calibration Date: 04/29/2021 18:27

Instrument ID: CBNAMS14 Calib Start Date: 02/26/2021 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/26/2021 11:10

Lab File ID: N31596.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4905	0.4838	0.2000	9860	10000	-1.4	20.0
1,1'-Biphenyl	Ave	1.624	1.609	0.0100	9910	10000	-0.9	20.0
2-Chloronaphthalene	Ave	1.269	1.248	0.8000	9830	10000	-1.7	20.0
Phenyl ether	Ave	0.8819	0.8404		9530	10000	-4.7	20.0
2-Nitroaniline	Ave	0.4901	0.5478	0.0100	11200	10000	11.8	20.0
1,3-Dimethylnaphthalene	Ave	0.997	1.014		10200	10000	1.7	20.0
Dimethyl phthalate	Ave	1.352	1.375	0.0100	10200	10000	1.6	20.0
Coumarin	Ave	0.1964	0.2279		11600	10000	16.0	20.0
2,6-Dinitrotoluene	Ave	0.3026	0.3160	0.2000	10400	10000	4.4	20.0
Acenaphthylene	Ave	1.880	1.844	0.9000	9810	10000	-1.9	20.0
3-Nitroaniline	Ave	0.2743	0.3195	0.0100	11600	10000	16.5	20.0
Acenaphthene	Ave	1.171	1.147	0.9000	9800	10000	-2.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.285	1.104		8590	10000	-14.1	20.0
2,4-Dinitrophenol	Qua		0.1643	0.0100	18700	20000	-6.7	20.0
4-Nitrophenol	Ave	0.2441	0.2665	0.0100	21800	20000	9.2	20.0
2,4-Dinitrotoluene	Ave	0.3798	0.4099	0.2000	10800	10000	7.9	20.0
Dibenzofuran	Ave	1.750	1.689	0.8000	9650	10000	-3.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3904	0.3531	0.0100	9040	10000	-9.6	20.0
Diethyl phthalate	Ave	1.290	1.384	0.0100	10700	10000	7.2	20.0
Fluorene	Ave	1.386	1.378	0.9000	9940	10000	-0.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.7144	0.6751	0.4000	9450	10000	-5.5	20.0
4-Nitroaniline	Ave	0.2542	0.2954	0.0100	11600	10000	16.2	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1299	0.1239	0.0100	19100	20000	-4.6	20.0
N-Nitrosodiphenylamine	Ave	0.5827	0.5570	0.0100	9560	10000	-4.4	20.0
1,2-Diphenylhydrazine	Ave	0.8629	0.9006		10400	10000	4.4	20.0
4-Bromophenyl phenyl ether	Ave	0.2759	0.2362	0.1000	8560	10000	-14.4	20.0
Hexachlorobenzene	Ave	0.3253	0.2830	0.1000	8700	10000	-13.0	20.0
Atrazine	Ave	0.1909	0.2186	0.0100	4580	4000	14.5	20.0
Pentachlorophenol	Ave	0.1661	0.1344	0.0500	16200	20000	-19.1	20.0
Pentachloronitrobenzene	Ave	0.1258	0.1144	0.0100	9090	10000	-9.1	20.0
n-Octadecane	Ave	0.6891	0.7299		10600	10000	5.9	20.0
Phenanthrene	Ave	1.121	1.086	0.7000	9690	10000	-3.1	20.0
Anthracene	Ave	1.138	1.114	0.7000	9780	10000	-2.2	20.0
Carbazole	Ave	0.9500	0.9490	0.0100	9990	10000	-0.1	20.0
Di-n-butyl phthalate	Ave	1.080	1.224	0.0100	11300	10000	13.4	20.0
Fluoranthene	Ave	1.102	1.058	0.6000	9600	10000	-4.0	20.0
Benzidine	Ave	0.4088	0.4849		11900	10000	18.6	20.0
Pyrene	Ave	1.607	1.627	0.6000	10100	10000	1.2	20.0
Bisphenol-A	Ave	0.5519	0.6559		11900	10000	18.8	20.0
Butyl benzyl phthalate	Ave	0.5734	0.6469	0.0100	11300	10000	12.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: CCVIS 460-774880/2 Calibration Date: 04/29/2021 18:27

Instrument ID: CBNAMS14 Calib Start Date: 02/26/2021 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/26/2021 11:10

Lab File ID: N31596.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.2097	0.2153		103	100	2.7	20.0
Carbamazepine	Ave	0.5536	0.5186		9370	10000	-6.3	20.0
3,3'-Dichlorobenzidine	Ave	0.5084	0.4950	0.0100	9740	10000	-2.6	20.0
Benzo[a]anthracene	Ave	1.383	1.291	0.8000	9340	10000	-6.6	20.0
Chrysene	Ave	1.324	1.282	0.7000	9680	10000	-3.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7616	0.8956	0.0100	11800	10000	17.6	20.0
Di-n-octyl phthalate	Ave	1.204	1.467	0.0100	12200	10000	21.9*	20.0
Benzo[b]fluoranthene	Ave	1.161	1.263		10900	10000	8.8	20.0
Benzo[k]fluoranthene	Ave	1.225	1.348	0.7000	11000	10000	10.0	20.0
Benzo[a]pyrene	Ave	1.010	1.107	0.7000	11000	10000	9.6	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.322	1.321	0.5000	9990	10000	-0.0	20.0
Dibenz(a,h)anthracene	Ave	1.289	1.241	0.4000	9630	10000	-3.7	20.0
Benzo[g,h,i]perylene	Ave	1.335	1.272	0.5000	9530	10000	-4.7	20.0
2-Fluorophenol (Surr)	Ave	1.263	1.473		11700	10000	16.7	20.0
Phenol-d5 (Surr)	Ave	1.589	1.842		11600	10000	16.0	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4291	0.5034		11700	10000	17.3	20.0
2-Fluorobiphenyl	Ave	1.623	1.657		10200	10000	2.1	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.3009	0.2886		9590	10000	-4.1	20.0
Terphenyl-d14 (Surr)	Ave	1.230	1.226		9970	10000	-0.3	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31596.d
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 29-Apr-2021 18:27:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127849-002
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 07:57:43 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: eisam Date: 29-Apr-2021 18:55:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.634	1.634	0.000	92	267530	10.0	11.8	
2 N-Nitrosodimethylamine	74	1.834	1.834	0.000	70	389011	10.0	11.9	
3 Pyridine	79	1.863	1.863	0.000	76	1162697	20.0	21.9	
$ 4 2-Fluorophenol	112	2.893	2.893	0.000	89	641263	10.0	11.7	
5 Benzaldehyde	77	3.698	3.698	0.000	91	112090	4.00	2.26	
$ 6 Phenol-d5	99	3.781	3.781	0.000	98	801770	10.0	11.6	
7 Phenol	94	3.798	3.798	0.000	92	822984	10.0	11.0	
8 Aniline	93	3.804	3.804	0.000	97	963638	10.0	11.3	
9 Bis(2-chloroethyl)ether	93	3.863	3.863	0.000	96	631941	10.0	10.8	
10 Benzonitrile	103	3.875	3.875	0.000	98	1152110	NC	NC	
11 2-Chlorophenol	128	3.922	3.922	0.000	89	602225	10.0	10.5	
12 n-Decane	43	3.969	3.969	0.000	95	1008599	10.0	11.8	
13 1,3-Dichlorobenzene	146	4.063	4.063	0.000	90	661958	10.0	9.85	
* 14 1,4-Dichlorobenzene-d4	152	4.116	4.116	0.000	97	348208	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.134	4.134	0.000	91	674859	10.0	9.95	
16 Benzyl alcohol	108	4.257	4.257	0.000	88	386296	10.0	11.7	
17 1,2-Dichlorobenzene	146	4.281	4.281	0.000	93	633475	10.0	9.93	
18 2-Methylphenol	108	4.375	4.375	0.000	82	530564	10.0	10.7	
19 2,2'-oxybis[1-chloropropane]	45	4.381	4.381	0.000	92	1255667	10.0	11.7	
20 N-Methylaniline	106	4.498	4.498	0.000	96	938707	10.0	10.7	
21 Acetophenone	105	4.510	4.510	0.000	89	867461	10.0	10.7	
22 N-Nitrosodi-n-propylamine	70	4.510	4.510	0.000	95	487225	10.0	11.4	
23 3 & 4 Methylphenol	108	4.528	4.528	0.000	81	612716	10.0	11.6	
24 4-Methylphenol	108	4.528	4.528	0.000	91	612716	10.0	11.6	
25 Hexachloroethane	117	4.604	4.604	0.000	93	281799	10.0	10.8	
$ 27 Nitrobenzene-d5	82	4.651	4.651	0.000	95	766922	10.0	11.7	
28 Nitrobenzene	123	4.669	4.669	0.000	87	295908	10.0	11.2	
29 n,n'-Dimethylaniline	120	4.675	4.675	0.000	95	834170	10.0	9.93	
30 Isophorone	82	4.898	4.898	0.000	97	1164992	10.0	11.0	
32 2-Nitrophenol	139	4.975	4.975	0.000	79	315874	10.0	10.1	
33 2,4-Dimethylphenol	122	5.034	5.034	0.000	87	500182	10.0	10.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.110	5.110	0.000	95	731327	10.0	11.1	
35 Benzoic acid	122	5.151	5.151	0.000	94	272588	10.0	10.7	
36 2,4-Dichlorophenol	162	5.216	5.216	0.000	92	481217	10.0	9.89	
37 1,2,4-Trichlorobenzene	180	5.287	5.287	0.000	94	561078	10.0	9.73	
* 38 Naphthalene-d8	136	5.340	5.340	0.000	99	1218708	8.00	8.00	
39 Naphthalene	128	5.357	5.357	0.000	98	1627373	10.0	10.3	
40 4-Chloroaniline	127	5.416	5.416	0.000	94	688933	10.0	11.6	
130 2,6-Dichlorophenol	162	5.428	5.428	0.000	93	470669	10.0	9.89	
41 Hexachlorobutadiene	225	5.487	5.487	0.000	94	326535	10.0	8.81	
42 Caprolactam	113	5.745	5.745	0.000	86	58033	4.00	5.88	EM
43 4-Chloro-3-methylphenol	107	5.898	5.898	0.000	96	483079	10.0	10.7	
44 2-Methylnaphthalene	142	6.016	6.016	0.000	83	1111789	10.0	10.2	
45 1-Methylnaphthalene	142	6.110	6.110	0.000	92	1037404	10.0	10.2	
46 Hexachlorocyclopentadiene	237	6.181	6.181	0.000	96	387721	10.0	8.45	
47 1,2,4,5-Tetrachlorobenzene	216	6.181	6.181	0.000	96	547486	10.0	9.11	
48 2-tertbutyl-4-methylphenol	149	6.228	6.228	0.000	89	692029	10.0	10.0	
49 2,4,6-Trichlorophenol	196	6.298	6.298	0.000	88	357486	10.0	9.88	
50 2,4,5-Trichlorophenol	196	6.334	6.334	0.000	95	385970	10.0	9.86	
$ 51 2-Fluorobiphenyl	172	6.375	6.375	0.000	97	1322018	10.0	10.2	
52 1,1'-Biphenyl	154	6.463	6.463	0.000	97	1283260	10.0	9.91	
53 2-Chloronaphthalene	162	6.481	6.481	0.000	99	995532	10.0	9.83	
54 Phenyl ether	170	6.563	6.563	0.000	91	670446	10.0	9.53	
55 2-Nitroaniline	65	6.581	6.581	0.000	93	437034	10.0	11.2	
57 1,3-Dimethylnaphthalene	156	6.687	6.687	0.000	91	808740	10.0	10.2	
59 Dimethyl phthalate	163	6.763	6.763	0.000	97	1096662	10.0	10.2	
60 Coumarin	146	6.775	6.775	0.000	74	347147	10.0	11.6	
61 2,6-Dinitrotoluene	165	6.816	6.816	0.000	89	252096	10.0	10.4	
62 Acenaphthylene	152	6.869	6.869	0.000	97	1471276	10.0	9.81	
63 3-Nitroaniline	138	6.975	6.975	0.000	90	254896	10.0	11.6	
* 64 Acenaphthene-d10	164	7.004	7.004	0.000	95	638234	8.00	8.00	
66 Acenaphthene	154	7.034	7.034	0.000	96	914922	10.0	9.80	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.039	7.039	0.000	98	880862	10.0	8.59	
67 2,4-Dinitrophenol	184	7.075	7.075	0.000	87	262083	20.0	18.7	
68 4-Nitrophenol	65	7.163	7.163	0.000	91	425244	20.0	21.8	
69 2,4-Dinitrotoluene	165	7.192	7.192	0.000	90	327037	10.0	10.8	
70 Dibenzofuran	168	7.198	7.198	0.000	94	1347472	10.0	9.65	
72 2,3,4,6-Tetrachlorophenol	232	7.328	7.328	0.000	93	281705	10.0	9.04	
73 Diethyl phthalate	149	7.434	7.434	0.000	97	1103820	10.0	10.7	
75 Fluorene	166	7.522	7.522	0.000	95	1099057	10.0	9.94	
74 4-Chlorophenyl phenyl ether	204	7.528	7.528	0.000	85	538563	10.0	9.45	
76 4-Nitroaniline	138	7.557	7.557	0.000	94	235631	10.0	11.6	
77 4,6-Dinitro-2-methylphenol	198	7.586	7.586	0.000	84	335191	20.0	19.1	
78 N-Nitrosodiphenylamine	169	7.639	7.639	0.000	97	753330	10.0	9.56	
79 1,2-Diphenylhydrazine	77	7.675	7.675	0.000	99	1218040	10.0	10.4	
$ 80 2,4,6-Tribromophenol	330	7.751	7.751	0.000	96	230253	10.0	9.59	
81 4-Bromophenyl phenyl ether	248	7.986	7.986	0.000	86	319462	10.0	8.56	
82 Hexachlorobenzene	284	8.045	8.045	0.000	98	382757	10.0	8.70	
83 Atrazine	200	8.151	8.151	0.000	88	118260	4.00	4.58	
84 Pentachlorophenol	266	8.239	8.239	0.000	92	363564	20.0	16.2	
85 Pentachloronitrobenzene	237	8.251	8.251	0.000	87	154731	10.0	9.09	
86 n-Octadecane	57	8.328	8.328	0.000	94	987203	10.0	10.6	
* 87 Phenanthrene-d10	188	8.404	8.404	0.000	99	1081949	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.428	8.428	0.000	98	1468502	10.0	9.69	
89 Anthracene	178	8.475	8.475	0.000	98	1506382	10.0	9.78	
90 Carbazole	167	8.633	8.633	0.000	96	1283397	10.0	9.99	
91 Di-n-butyl phthalate	149	8.975	8.975	0.000	99	1655637	10.0	11.3	
92 Fluoranthene	202	9.545	9.545	0.000	98	1431183	10.0	9.60	
93 Benzidine	184	9.686	9.686	0.000	99	655786	10.0	11.9	
94 Pyrene	202	9.757	9.757	0.000	97	1451068	10.0	10.1	
95 Bisphenol-A	213	9.828	9.828	0.000	98	584877	10.0	11.9	
$ 96 Terphenyl-d14	244	9.922	9.922	0.000	100	1093168	10.0	9.97	
97 Butyl benzyl phthalate	149	10.404	10.404	0.000	98	576815	10.0	11.3	
98 2,3,7,8-TCDD	320	10.492	10.492	0.000	88	1920	0.1000	0.1027	
99 Carbamazepine	193	10.504	10.504	0.000	92	462472	10.0	9.37	
100 3,3'-Dichlorobenzidine	252	10.951	10.951	0.000	99	441392	10.0	9.74	
101 Benzo[a]anthracene	228	10.963	10.963	0.000	98	1151120	10.0	9.34	
* 102 Chrysene-d12	240	10.974	10.974	0.000	99	713381	8.00	8.00	
104 Chrysene	228	11.004	11.004	0.000	98	1142988	10.0	9.68	
103 Bis(2-ethylhexyl) phthalate	149	11.033	11.033	0.000	89	798602	10.0	11.8	
105 Di-n-octyl phthalate	149	11.804	11.804	0.000	97	1254968	10.0	12.2	
106 Benzo[b]fluoranthene	252	12.239	12.239	0.000	98	1080469	10.0	10.9	
107 Benzo[k]fluoranthene	252	12.274	12.274	0.000	98	1153409	10.0	11.0	
108 Benzo[a]pyrene	252	12.663	12.663	0.000	98	947288	10.0	11.0	
* 109 Perylene-d12	264	12.739	12.739	0.000	99	684429	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.192	14.192	0.000	98	1130253	10.0	10.0	
111 Dibenz(a,h)anthracene	278	14.227	14.227	0.000	98	1061965	10.0	9.63	
112 Benzo[g,h,i]perylene	276	14.568	14.568	0.000	98	1088479	10.0	9.53	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL7_LVI_00003 Amount Added: 1.00 Units: mL

Report Date: 30-Apr-2021 07:57:47 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31596.d

Injection Date: 29-Apr-2021 18:27:30 Instrument ID: CBNAMS14 Operator ID:

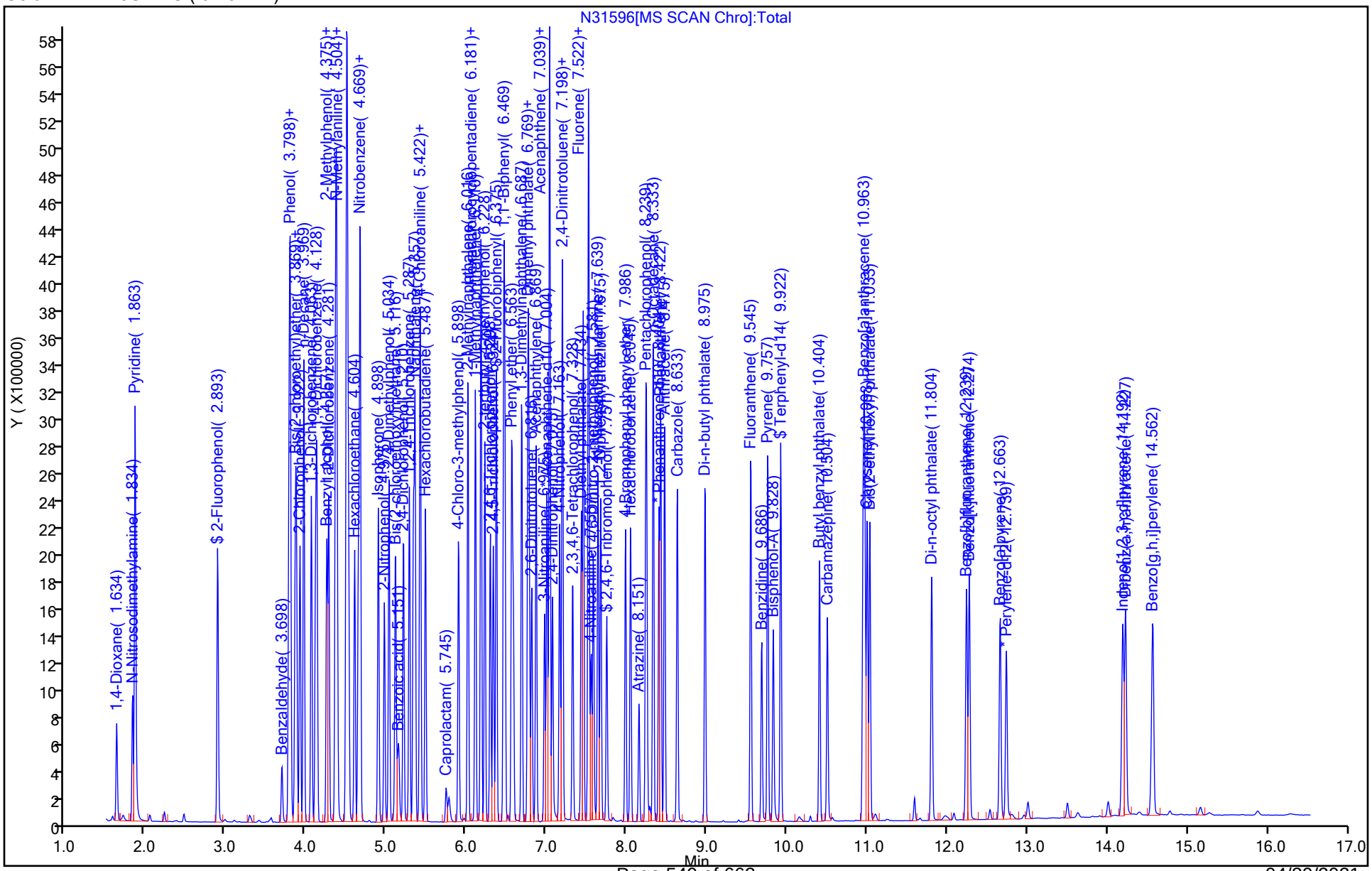
Lims ID: ccvis Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

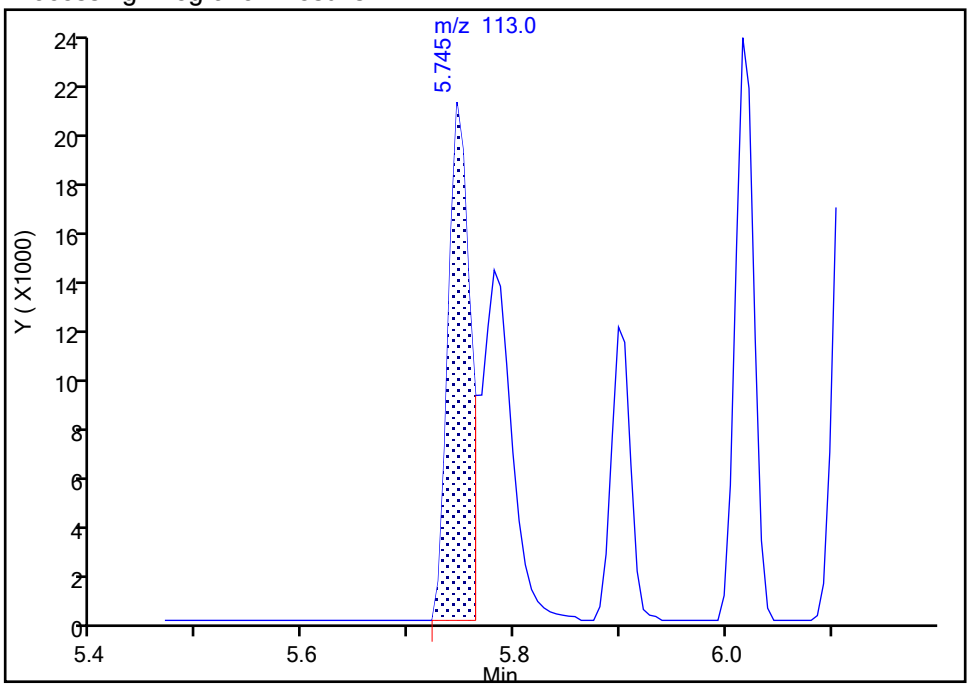
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31596.d
Injection Date: 29-Apr-2021 18:27:30 Instrument ID: CBNAMS14
Lims ID: ccvis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

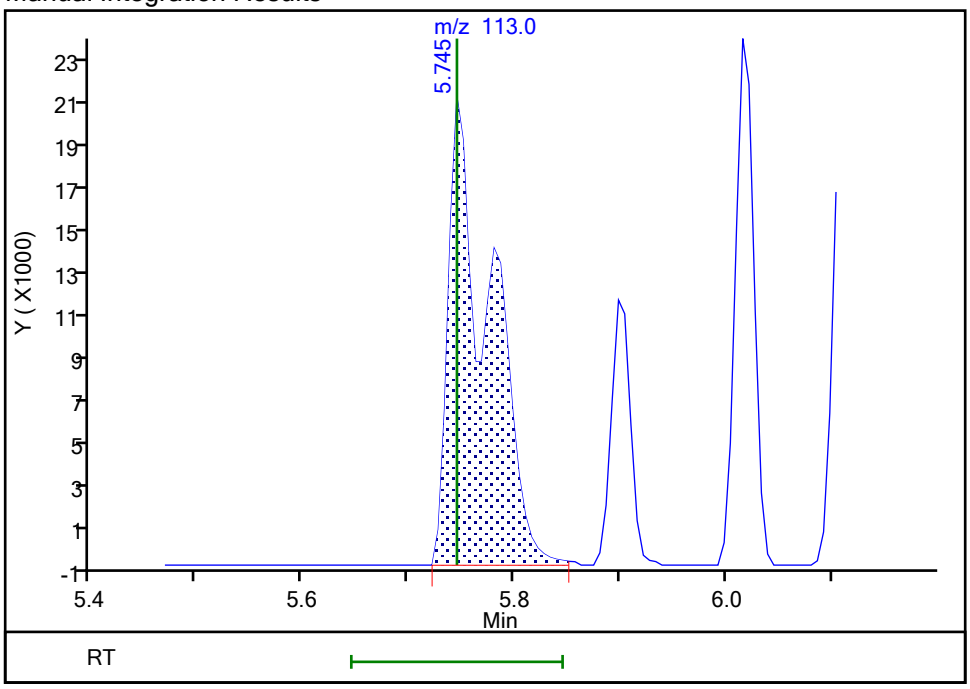
Processing Integration Results

RT: 5.75
Area: 30889
Amount: 3.127131
Amount Units: ug/ml



Manual Integration Results

RT: 5.75
Area: 58033
Amount: 5.875128
Amount Units: ug/ml



Reviewer: maheseep, 30-Apr-2021 10:50:42
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 26-Feb-2021 08:06:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-001
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:27:12 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 12:23:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Pentachlorophenol_T	266	4.487	4.487	0.000	93	171818	NR	NR	
56 Benzidine_T	184	5.716	5.716	0.000	99	1084622	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	5.863	5.863	0.000	87	639		NR	
126 4,4'-DDD	235	6.157	6.157	0.000	86	2011		NR	
127 4,4'-DDT	235	6.369	6.369	0.000	98	480982	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

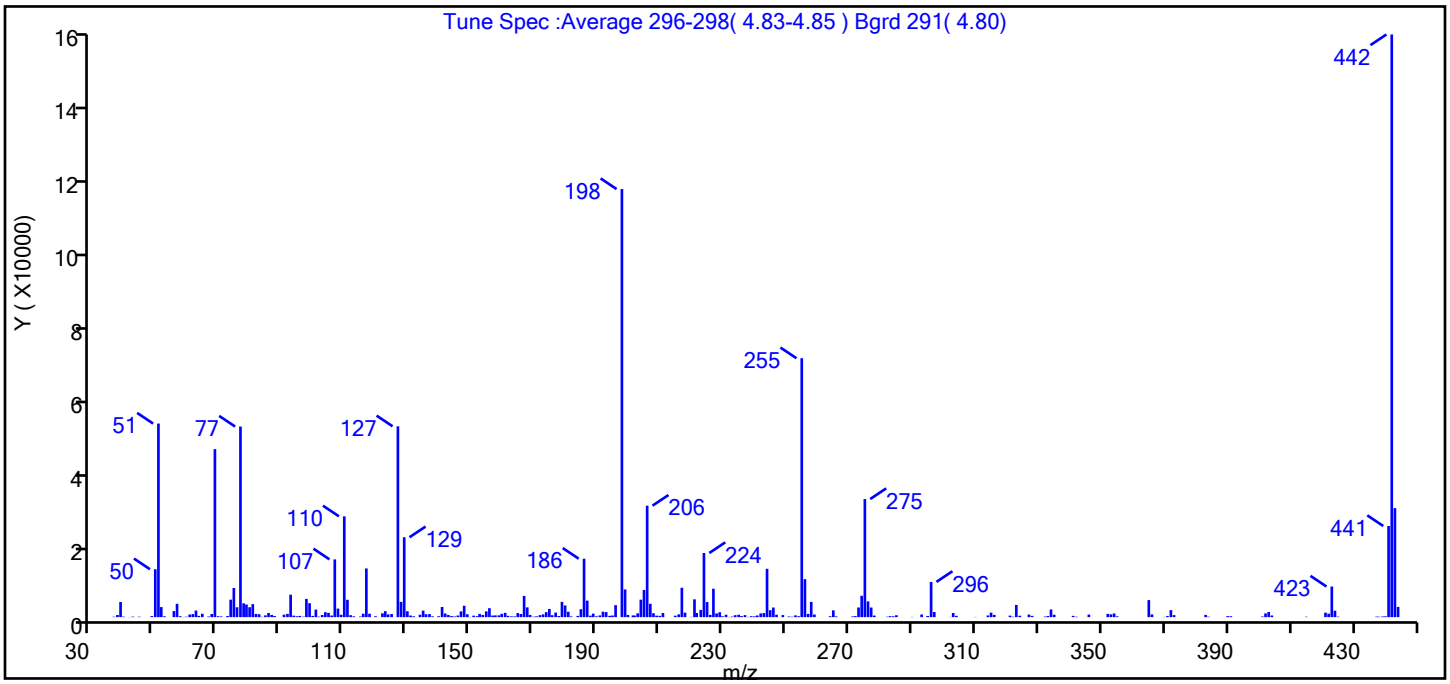
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d				
Injection Date:	26-Feb-2021 08:06:30	Instrument ID:	CBNAMS14		
Lims ID:	dftpp				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Tune Method:	DFTPP Method 8270E, BP 198				

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.7 (1.9)
69	Present	39.2
70	<2% of m/z 69	0.2 (0.5)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.5
365	>1% of m/z 198	4.0
441	<150% of m/z 443	21.3 (83.6)
442	Present	136.1
443	15-24% of m/z 442	25.5 (18.7)

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d\8270LVI_14.rslt\spectra.d
Injection Date: 26-Feb-2021 08:06:30
Spectrum: Tune Spec :Average 296-298(4.83-4.85) Bgrd 291(4.80)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 271

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	116	117.00	12755	190.00	224	273.00	2528
38.00	567	118.00	898	191.00	446	274.00	5604
39.00	3958	120.00	233	192.00	1423	275.00	30936
40.00	144	122.00	1003	193.00	1330	276.00	4129
42.00	40	123.00	1556	194.00	347	277.00	2521
43.00	145	124.00	722	195.00	429	278.00	410
45.00	120	125.00	814	196.00	3141	282.00	101
49.00	273	127.00	50000	198.00	112144	283.00	271
50.00	12550	128.00	3998	199.00	7266	284.00	231
51.00	50712	129.00	20936	200.00	583	285.00	498
52.00	2636	130.00	1547	202.00	434	290.00	58
53.00	231	131.00	421	202.00	408	293.00	691
56.00	1587	132.00	227	203.00	989	295.00	304
57.00	3499	133.00	24	204.00	4575	296.00	9233
58.00	249	134.00	624	205.00	7129	297.00	1342
59.00	41	135.00	1697	206.00	29200	302.00	55
60.00	113	136.00	768	207.00	3502	303.00	1093
61.00	676	137.00	812	208.00	1028	304.00	338
62.00	800	138.00	204	209.00	390	310.00	53
63.00	1735	140.00	236	210.00	347	314.00	437
64.00	333	141.00	2660	211.00	1080	315.00	1179
65.00	888	142.00	961	215.00	380	316.00	590
67.00	161	143.00	567	216.00	724	321.00	400
68.00	839	144.00	284	217.00	7702	322.00	115
69.00	44016	145.00	172	218.00	1181	323.00	3198
70.00	240	146.00	423	220.00	68	324.00	368
71.00	175	147.00	1515	221.00	4665	327.00	673
73.00	293	148.00	2986	222.00	1080	328.00	337
74.00	4579	149.00	757	223.00	1896	332.00	144
75.00	7631	150.00	54	224.00	16800	333.00	295
76.00	2590	151.00	393	225.00	3947	334.00	2013
77.00	49928	152.00	244	226.00	598	335.00	629
78.00	3621	153.00	843	227.00	7438	341.00	339

Report Date: 02-Mar-2021 07:27:13 Chrom Revision: 2.3 05-Feb-2021 00:13:28
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d\8270LVI_14.rslt\spectra.d
Injection Date: 26-Feb-2021 08:06:30
Spectrum: Tune Spec :Average 296-298(4.83-4.85) Bgrd 291(4.80)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 271

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	3301	154.00	581	228.00	978	342.00	113
80.00	2604	155.00	1513	229.00	1277	346.00	675
81.00	3400	156.00	2345	230.00	227	352.00	853
82.00	844	157.00	419	231.00	635	353.00	732
83.00	756	158.00	462	232.00	54	354.00	964
84.00	88	159.00	462	233.00	143	355.00	202
85.00	463	160.00	862	234.00	513	365.00	4467
86.00	1093	161.00	1128	235.00	632	366.00	709
87.00	581	162.00	338	236.00	277	370.00	52
88.00	297	163.00	207	237.00	533	371.00	290
91.00	650	164.00	193	238.00	55	372.00	1843
92.00	863	165.00	1063	239.00	246	373.00	530
93.00	5879	166.00	817	240.00	210	383.00	587
94.00	391	167.00	5561	241.00	434	384.00	115
95.00	233	168.00	2561	242.00	975	390.00	268
96.00	319	169.00	581	243.00	1060	391.00	235
97.00	121	170.00	117	244.00	12665	401.00	165
98.00	4775	171.00	209	245.00	1825	402.00	979
99.00	3650	172.00	529	246.00	2523	403.00	1352
100.00	326	173.00	727	247.00	634	404.00	435
101.00	1986	174.00	1311	249.00	542	415.00	113
102.00	128	175.00	2147	251.00	169	421.00	1178
103.00	560	176.00	507	252.00	115	422.00	910
104.00	1301	177.00	1193	253.00	464	423.00	8017
105.00	1120	178.00	306	254.00	247	424.00	1685
106.00	431	179.00	3996	255.00	67832	425.00	137
107.00	15134	180.00	3054	256.00	9955	437.00	131
108.00	2248	181.00	1416	257.00	848	438.00	120
109.00	631	182.00	194	258.00	3994	439.00	175
110.00	26408	184.00	325	259.00	679	440.00	219
111.00	4539	185.00	2075	264.00	245	441.00	23872
112.00	517	186.00	15307	265.00	1781	442.00	152640
113.00	214	187.00	4325	266.00	195	443.00	28568
115.00	164	188.00	385	271.00	179	444.00	2688

Report Date: 02-Mar-2021 07:27:13 Chrom Revision: 2.3 05-Feb-2021 00:13:28
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d\8270LVI_14.rslt\spectra.d
Injection Date: 26-Feb-2021 08:06:30
Spectrum: Tune Spec :Average 296-298(4.83-4.85) Bgrd 291(4.80)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 271

m/z	Y	m/z	Y	m/z	Y	m/z	Y
116.00	894	189.00	926	272.00	273		

Report Date: 02-Mar-2021 07:27:13 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d

Injection Date: 26-Feb-2021 08:06:30 Instrument ID: CBNAMS14 Operator ID:

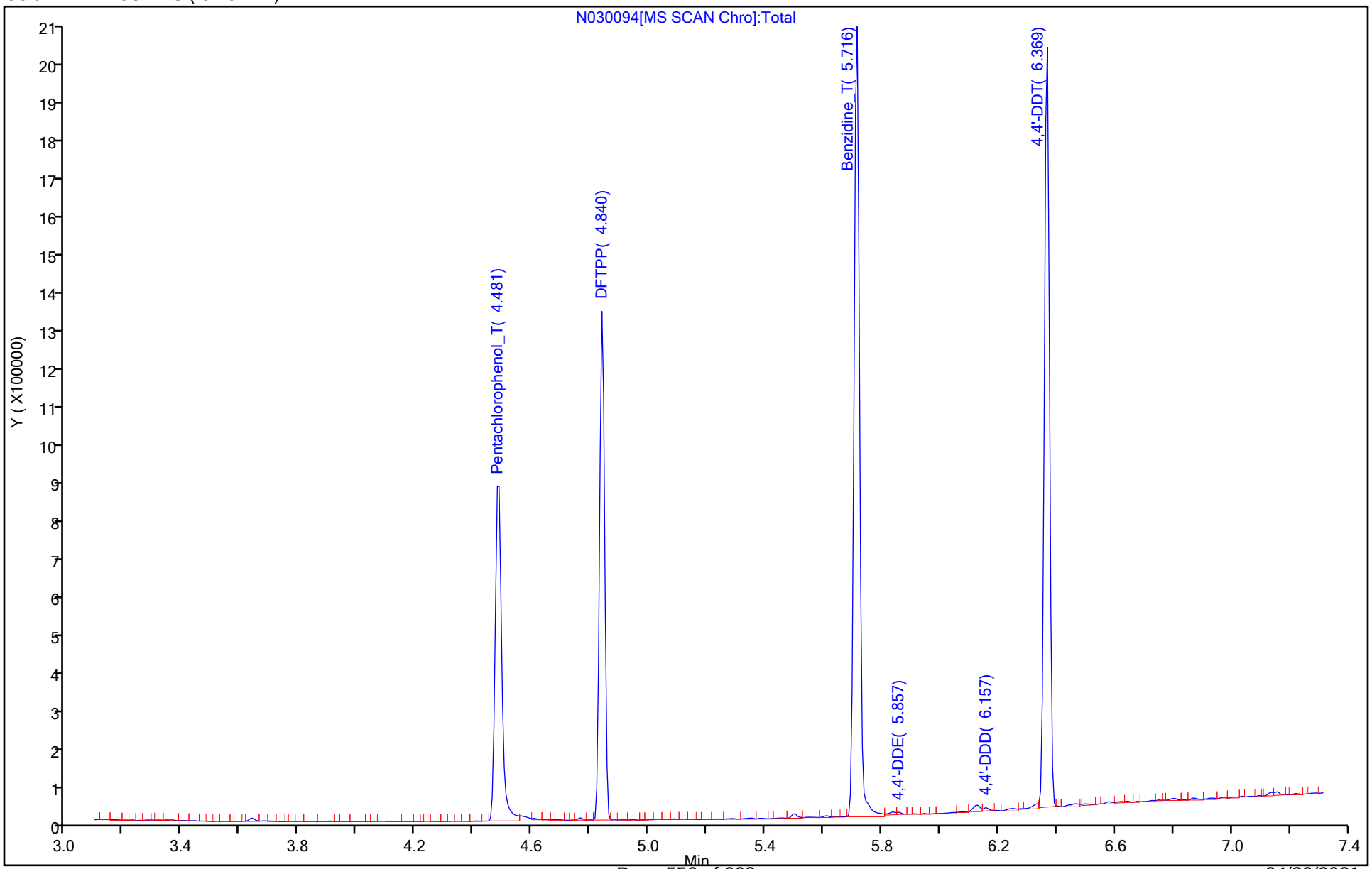
Lims ID: dftpp Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d
Injection Date: 26-Feb-2021 08:06:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

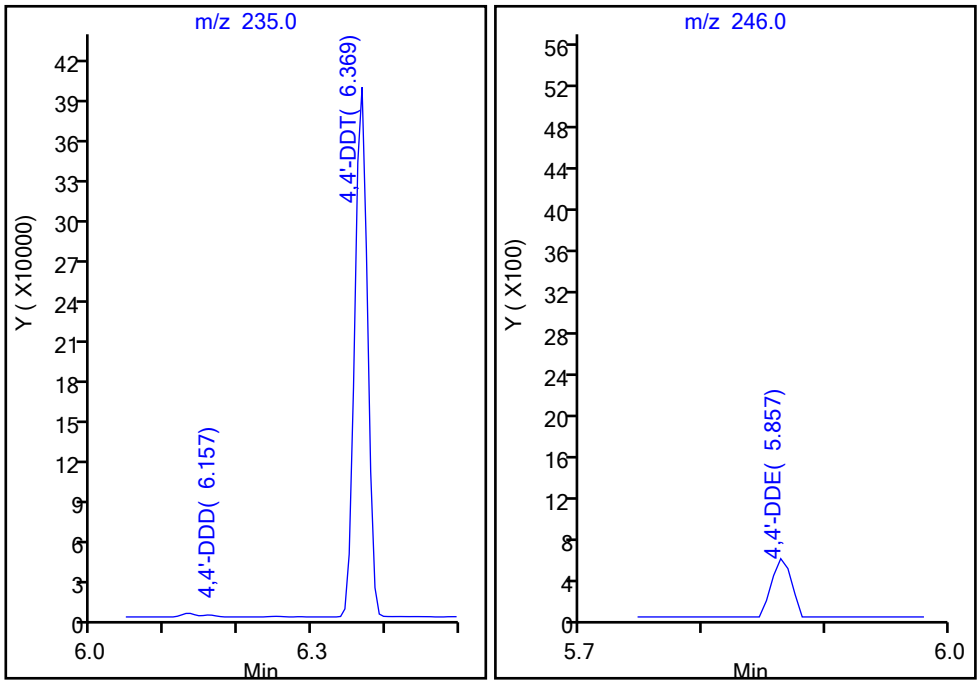
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 480982
126 4,4'-DDD, Area = 2011
125 4,4'-DDE, Area = 639

%Breakdown: 0.55%, <= 20.00%
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

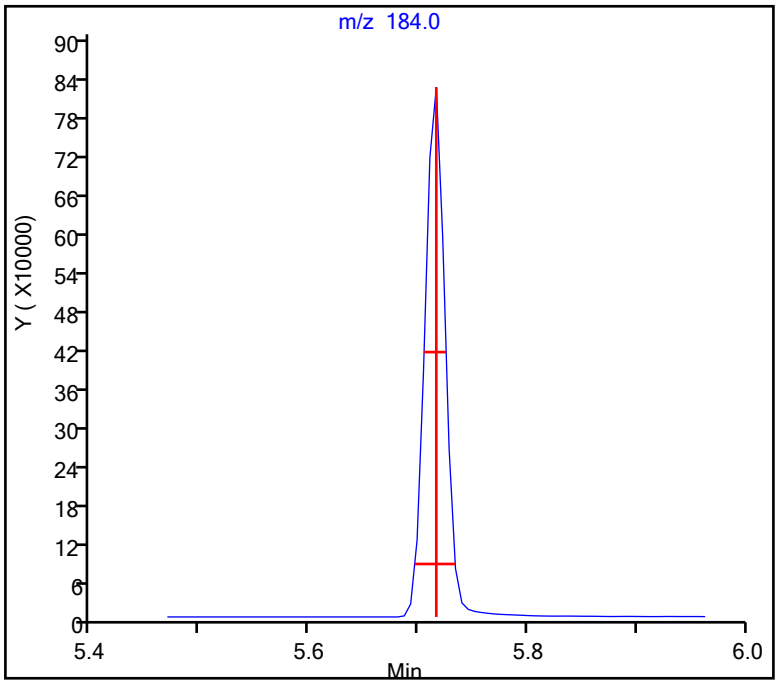
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d
Injection Date: 26-Feb-2021 08:06:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.020 (min.)

Tailing Factor = 0.9, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

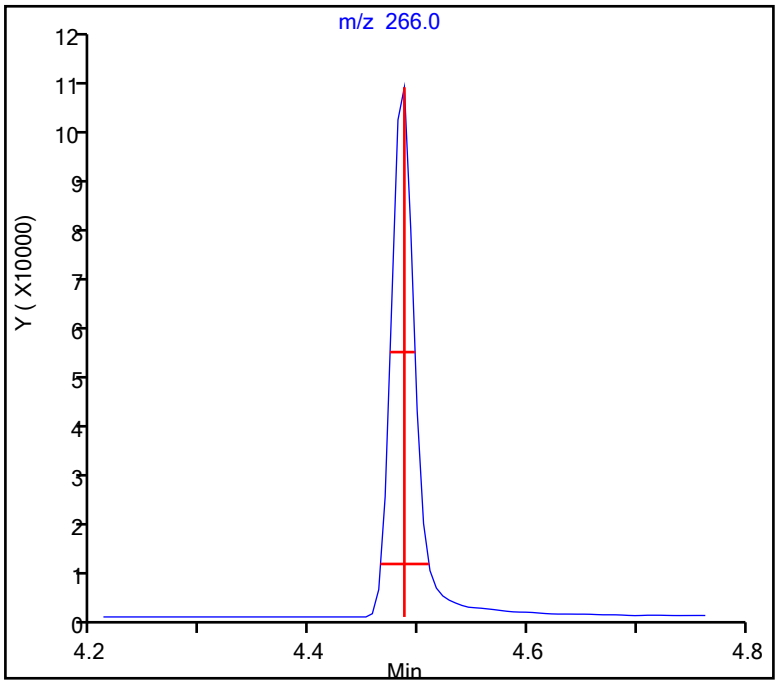
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d
Injection Date: 26-Feb-2021 08:06:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

31 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 1.1, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774756/1-A

Matrix: Water Lab File ID: N31598.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3510C Date Extracted: 04/29/2021 09:42

Sample wt/vol: 250(mL) Date Analyzed: 04/29/2021 19:14

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774880 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.0	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	10	U	10	0.50
541-73-1	1,3-Dichlorobenzene	10	U	10	2.0
106-46-7	1,4-Dichlorobenzene	10	U	10	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
91-57-6	2-Methylnaphthalene	10	U	10	0.53
88-74-4	2-Nitroaniline	10	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
100-01-6	4-Nitroaniline	10	U	10	1.2
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774756/1-A

Matrix: Water Lab File ID: N31598.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3510C Date Extracted: 04/29/2021 09:42

Sample wt/vol: 250(mL) Date Analyzed: 04/29/2021 19:14

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774880 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	81		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	98		46-137
1718-51-0	Terphenyl-d14 (Surr)	100		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d
Lims ID: MB 460-774756/1-A
Client ID:
Sample Type: MB
Inject. Date: 29-Apr-2021 19:14:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127849-004
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 07:00:46 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1679

First Level Reviewer: johnstonm1 Date: 30-Apr-2021 07:00:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.899	2.893	0.006	89	373997	10.0	5.44	
$ 6 Phenol-d5	99	3.775	3.781	-0.006	98	317223	10.0	3.67	
* 14 1,4-Dichlorobenzene-d4	152	4.116	4.116	0.000	98	435744	8.00	8.00	
$ 27 Nitrobenzene-d5	82	4.645	4.651	-0.006	95	839941	10.0	9.78	
* 38 Naphthalene-d8	136	5.334	5.340	-0.006	100	1601835	8.00	8.00	
$ 51 2-Fluorobiphenyl	172	6.369	6.375	-0.006	97	1395653	10.0	8.13	
* 64 Acenaphthene-d10	164	7.004	7.004	0.000	97	846520	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	7.751	7.751	0.000	96	265724	10.0	8.34	
58 1-Naphthylamine	143	8.398	8.398	0.000	43	629		NC	
* 87 Phenanthrene-d10	188	8.398	8.404	-0.006	99	1550495	8.00	8.00	
$ 96 Terphenyl-d14	244	9.922	9.922	0.000	98	1553145	10.0	10.0	
* 102 Chrysene-d12	240	10.969	10.974	-0.005	99	1005287	8.00	8.00	
* 109 Perylene-d12	264	12.733	12.739	-0.006	99	893093	8.00	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00192 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-Apr-2021 07:00:47 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d

Injection Date: 29-Apr-2021 19:14:30 Instrument ID: CBNAMS14 Operator ID:

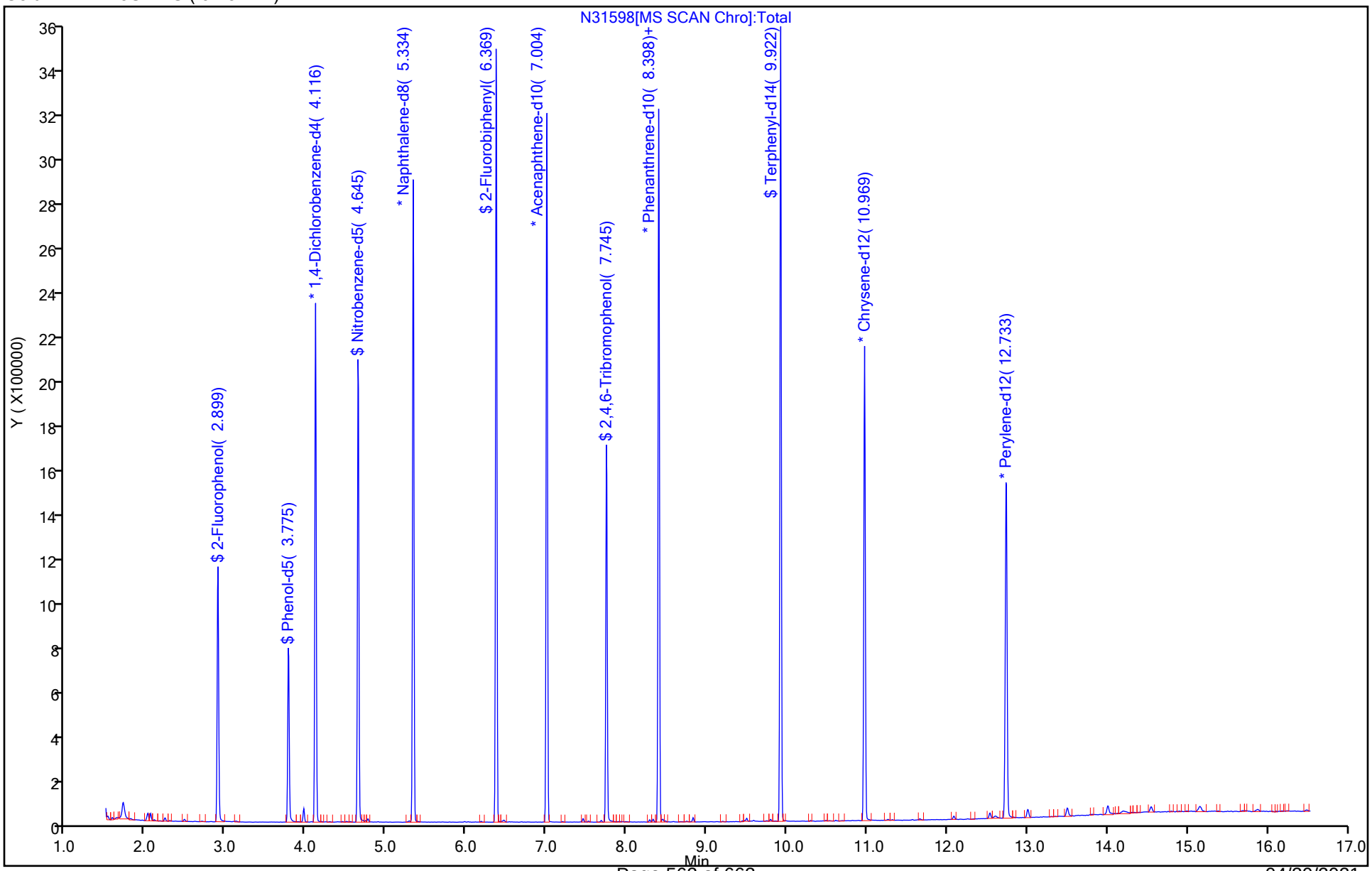
Lims ID: MB 460-774756/1-A Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



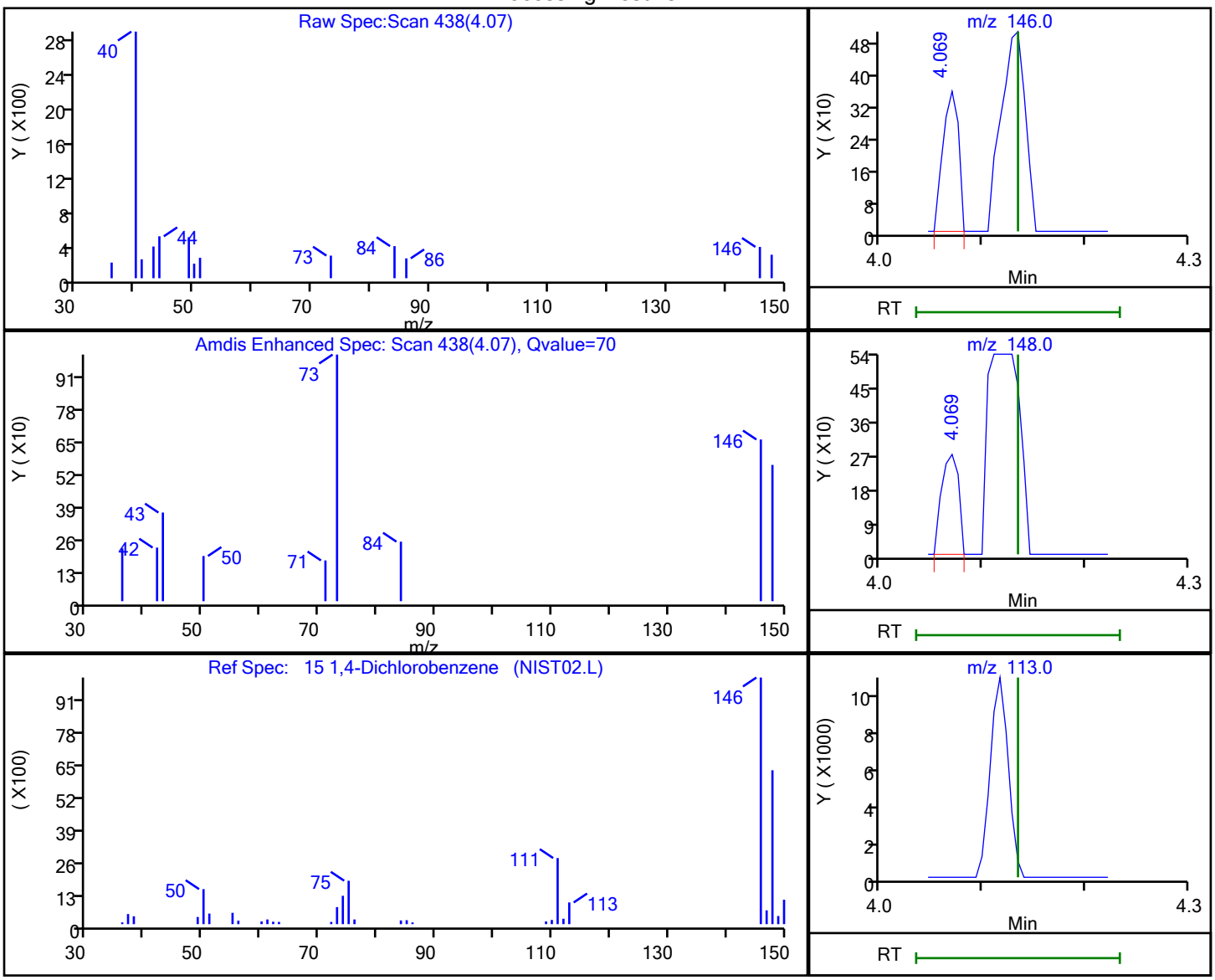
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d				
Injection Date:	29-Apr-2021 19:14:30	Instrument ID:	CBNAMS14		
Lims ID:	MB 460-774756/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

15 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
4.07	146.00	380	0.004477
4.07	148.00	310	
4.13	113.00	0	

Reviewer: johnstonm1, 30-Apr-2021 07:00:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

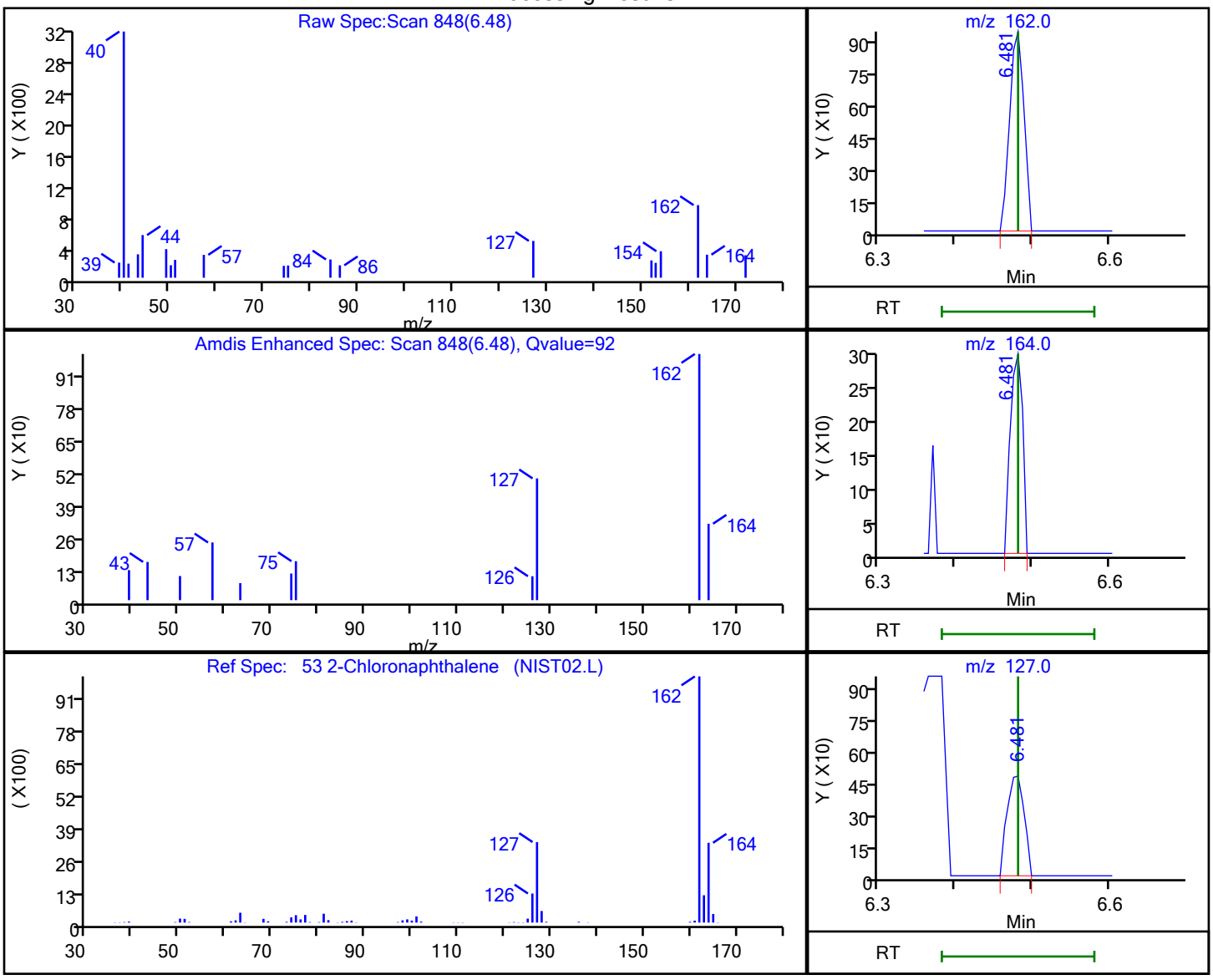
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d				
Injection Date:	29-Apr-2021 19:14:30	Instrument ID:	CBNAMS14		
Lims ID:	MB 460-774756/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

53 2-Chloronaphthalene, CAS: 91-58-7

Processing Results



RT	Mass	Response	Amount
6.48	162.00	1227	0.009136
6.48	164.00	332	
6.48	127.00	742	

Reviewer: johnstonm1, 30-Apr-2021 07:00:20

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

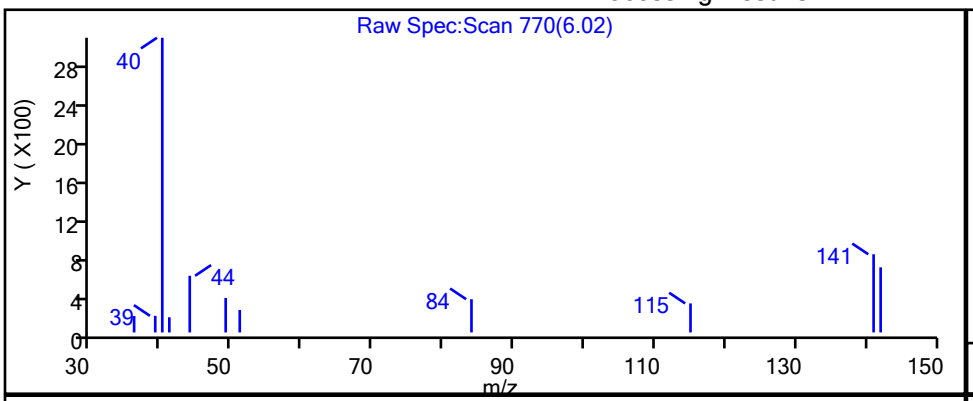
User Disabled Compound Report

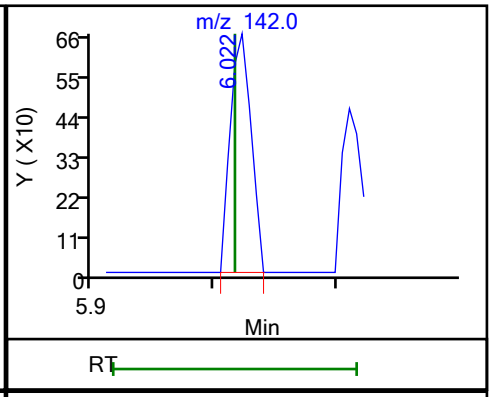
Eurofins TestAmerica, Edison

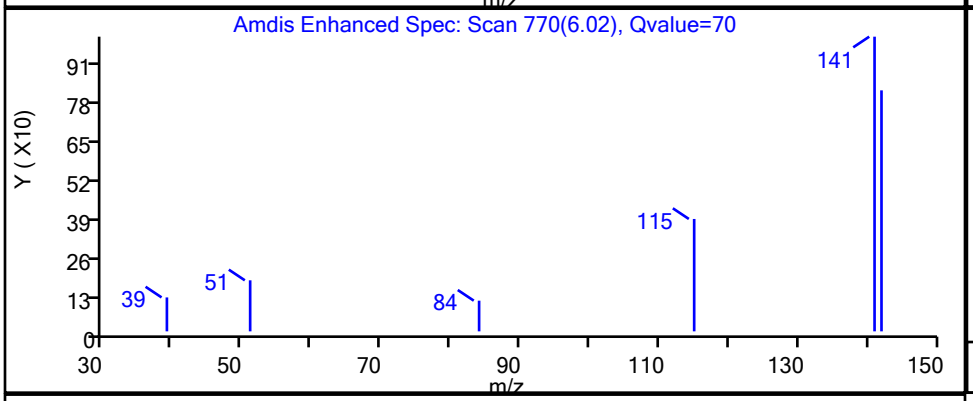
Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d				
Injection Date:	29-Apr-2021 19:14:30	Instrument ID:	CBNAMS14		
Lims ID:	MB 460-774756/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

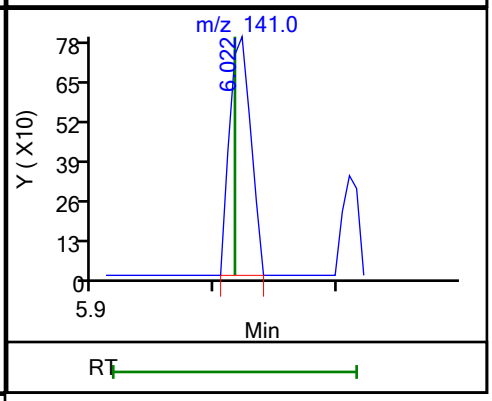
44 2-Methylnaphthalene, CAS: 91-57-6

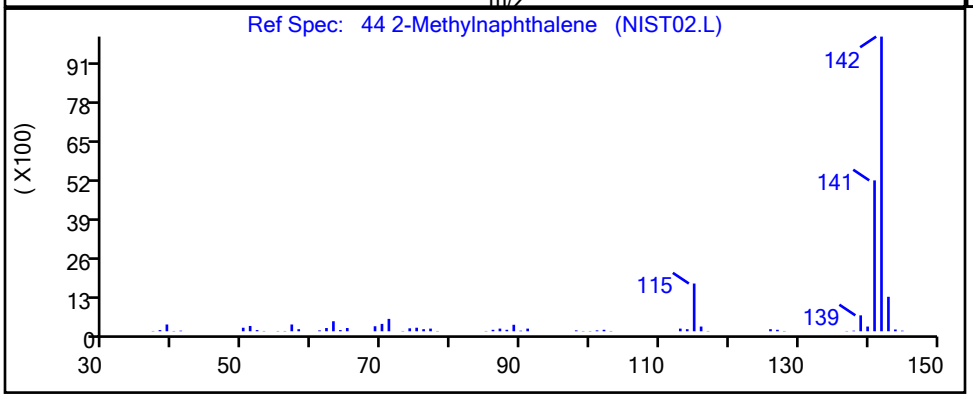
Processing Results











RT	Mass	Response	Amount
6.02	142.00	790	0.005504
6.02	141.00	965	

Reviewer: johnstonm1, 30-Apr-2021 07:00:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

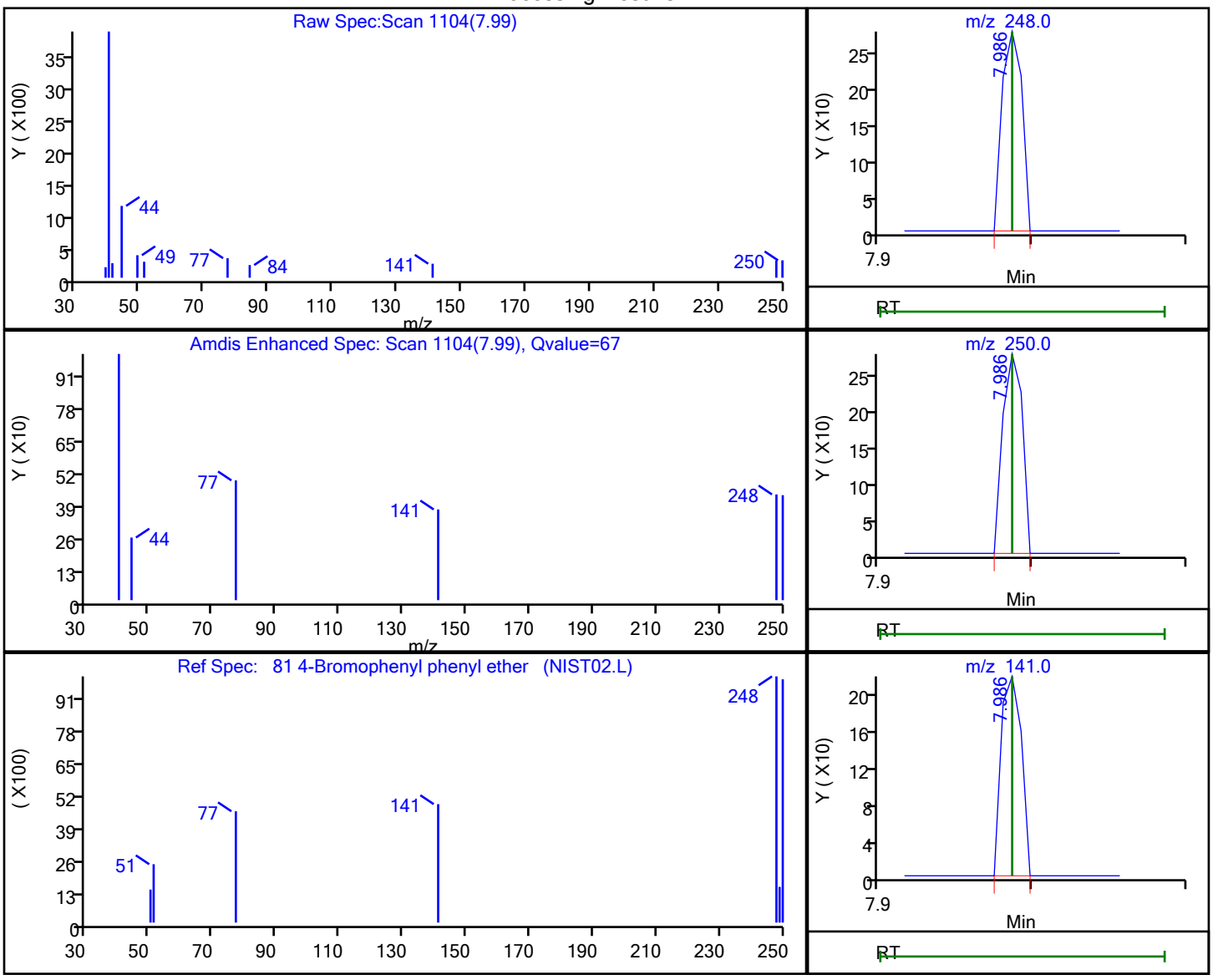
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d				
Injection Date:	29-Apr-2021 19:14:30	Instrument ID:	CBNAMS14		
Lims ID:	MB 460-774756/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

81 4-Bromophenyl phenyl ether, CAS: 101-55-3

Processing Results



RT	Mass	Response	Amount
7.99	248.00	245	0.004581
7.99	250.00	241	
7.99	141.00	200	

Reviewer: johnstonm1, 30-Apr-2021 07:00:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

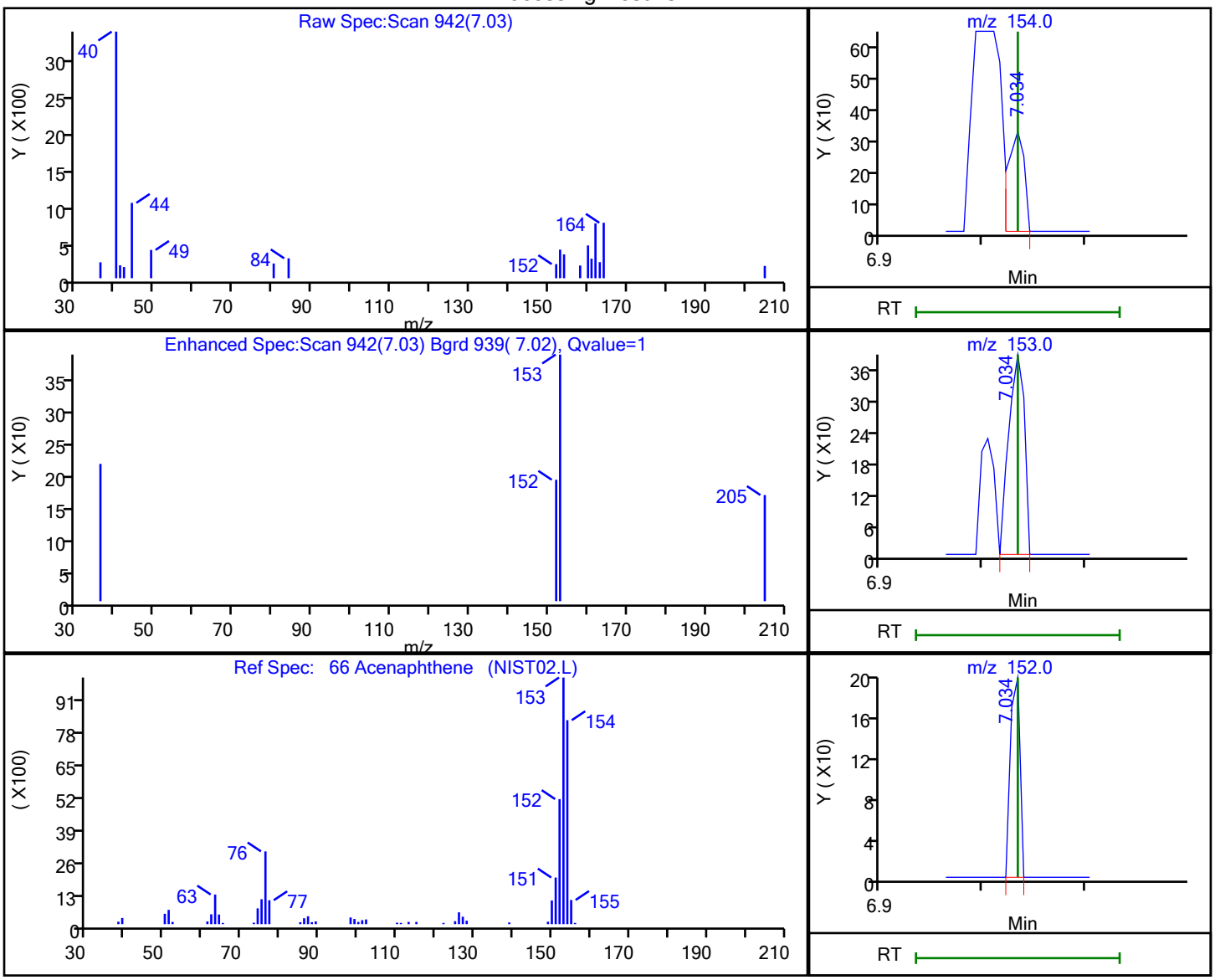
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d				
Injection Date:	29-Apr-2021 19:14:30	Instrument ID:	CBNAMS14		
Lims ID:	MB 460-774756/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
7.03	154.00	361	0.002914
7.03	153.00	413	
7.03	152.00	125	

Reviewer: johnstonm1, 30-Apr-2021 07:00:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

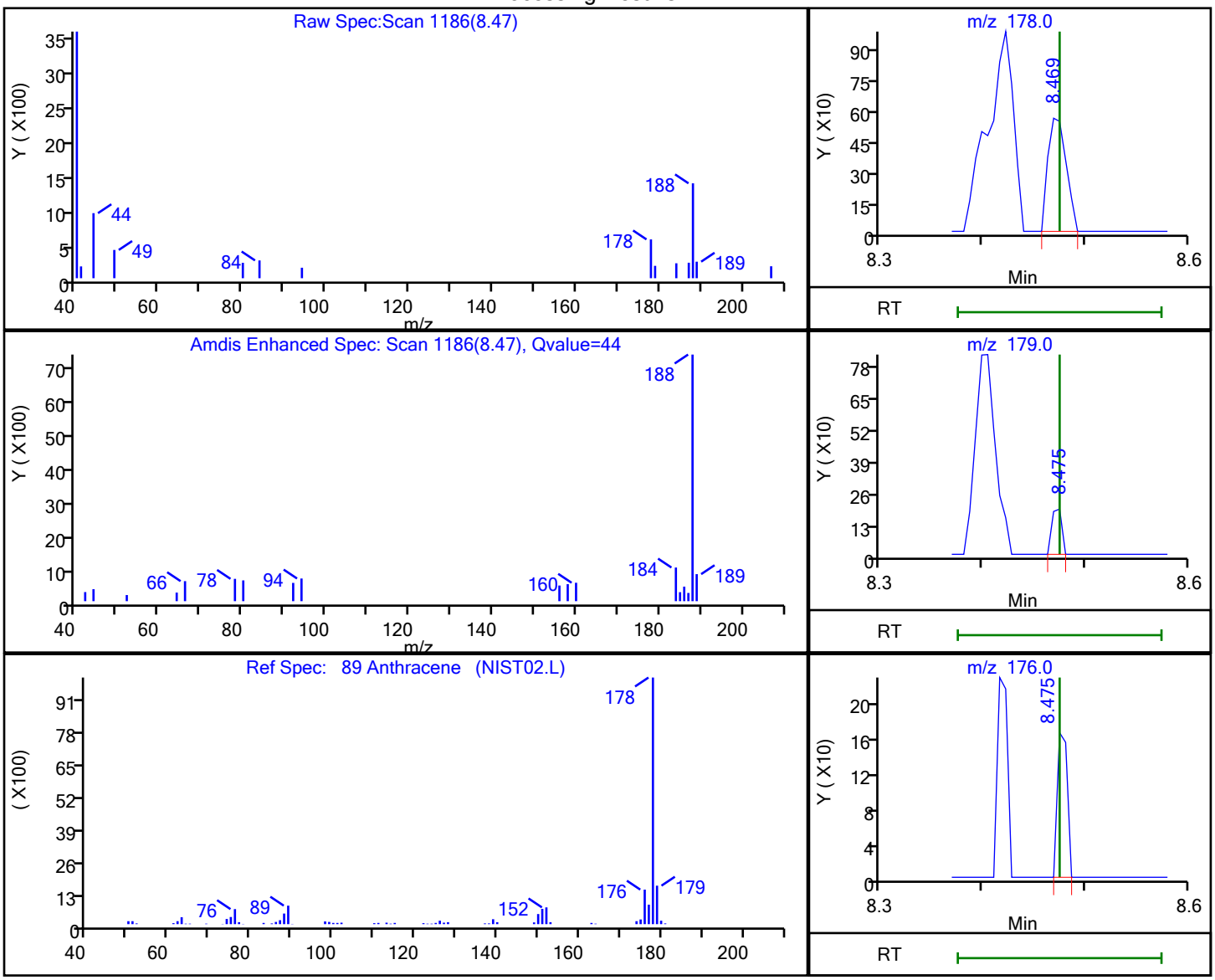
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d				
Injection Date:	29-Apr-2021 19:14:30	Instrument ID:	CBNAMS14		
Lims ID:	MB 460-774756/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Anthracene, CAS: 120-12-7

Processing Results



RT	Mass	Response	Amount
8.47	178.00	699	0.003168
8.47	179.00	129	
8.47	176.00	113	

Reviewer: johnstonm1, 30-Apr-2021 07:00:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

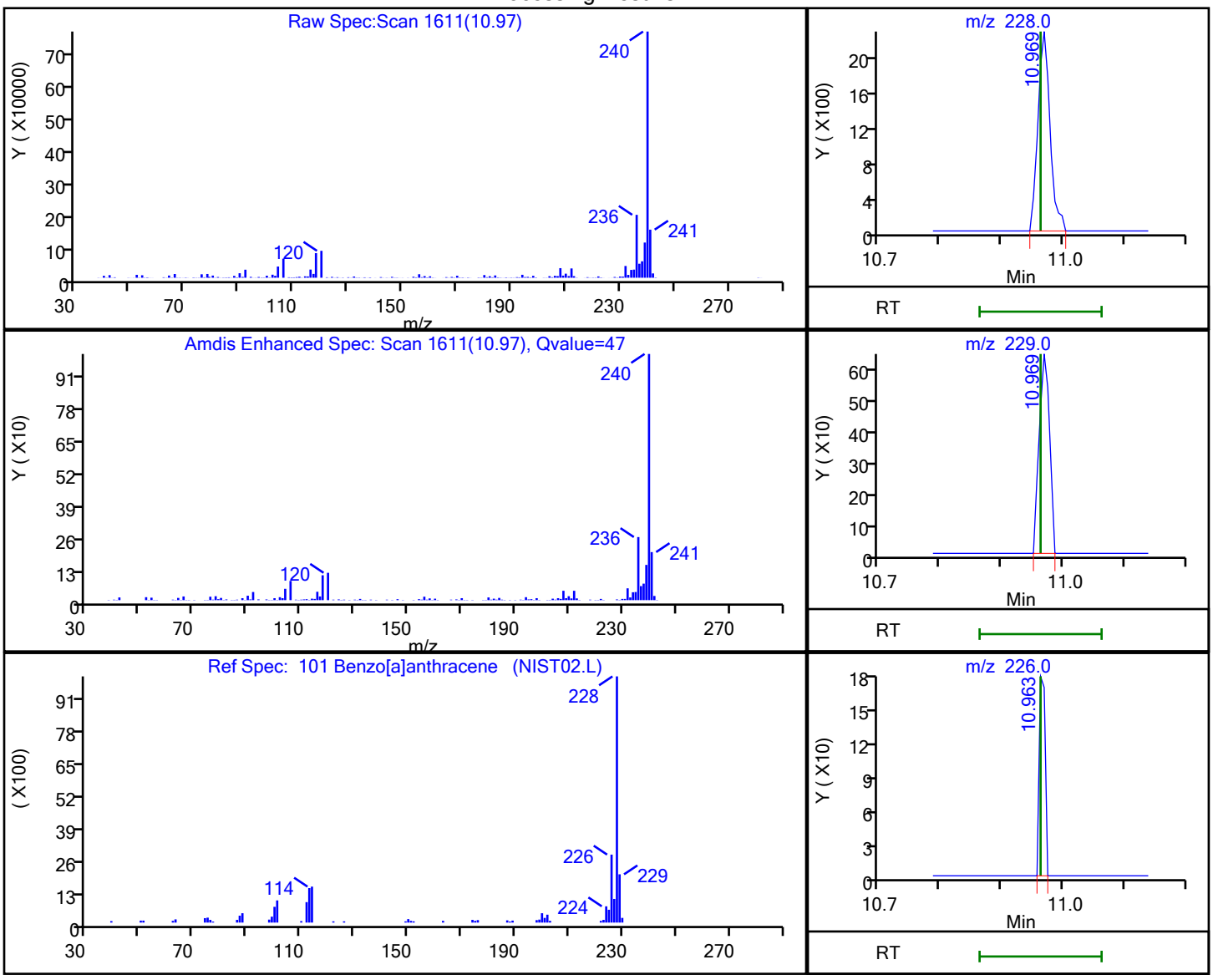
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d				
Injection Date:	29-Apr-2021 19:14:30	Instrument ID:	CBNAMS14		
Lims ID:	MB 460-774756/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
10.97	228.00	3154	0.018153
10.97	229.00	764	
10.96	226.00	123	

Reviewer: johnstonm1, 30-Apr-2021 07:00:38

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

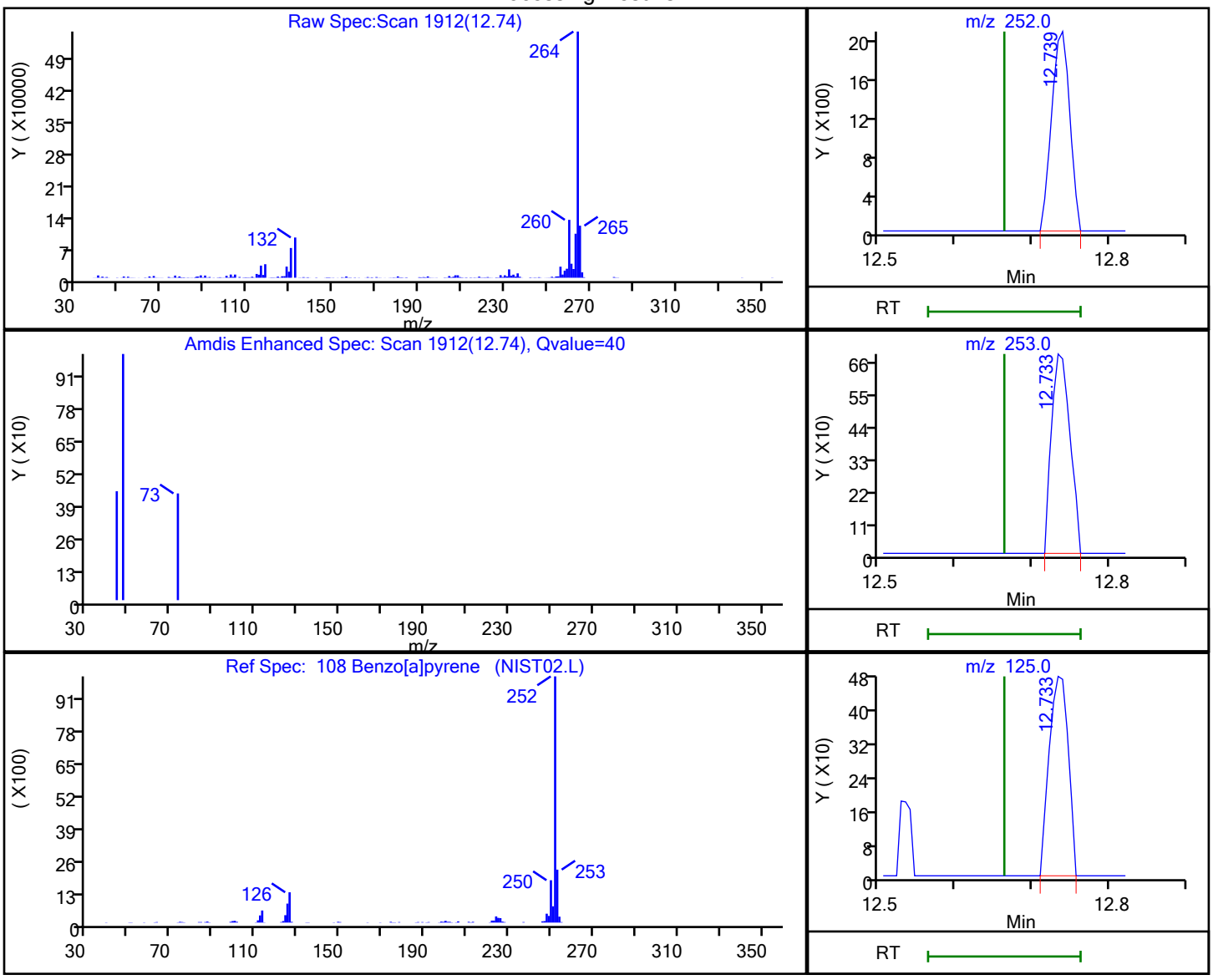
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d		
Injection Date:	29-Apr-2021 19:14:30	Instrument ID:	CBNAMS14
Lims ID:	MB 460-774756/1-A		
Client ID:			
Operator ID:		ALS Bottle#:	4 Worklist Smp#: 4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.74	252.00	3380	0.029981
12.73	253.00	1156	
12.73	125.00	825	

Reviewer: eisam, 29-Apr-2021 19:49:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

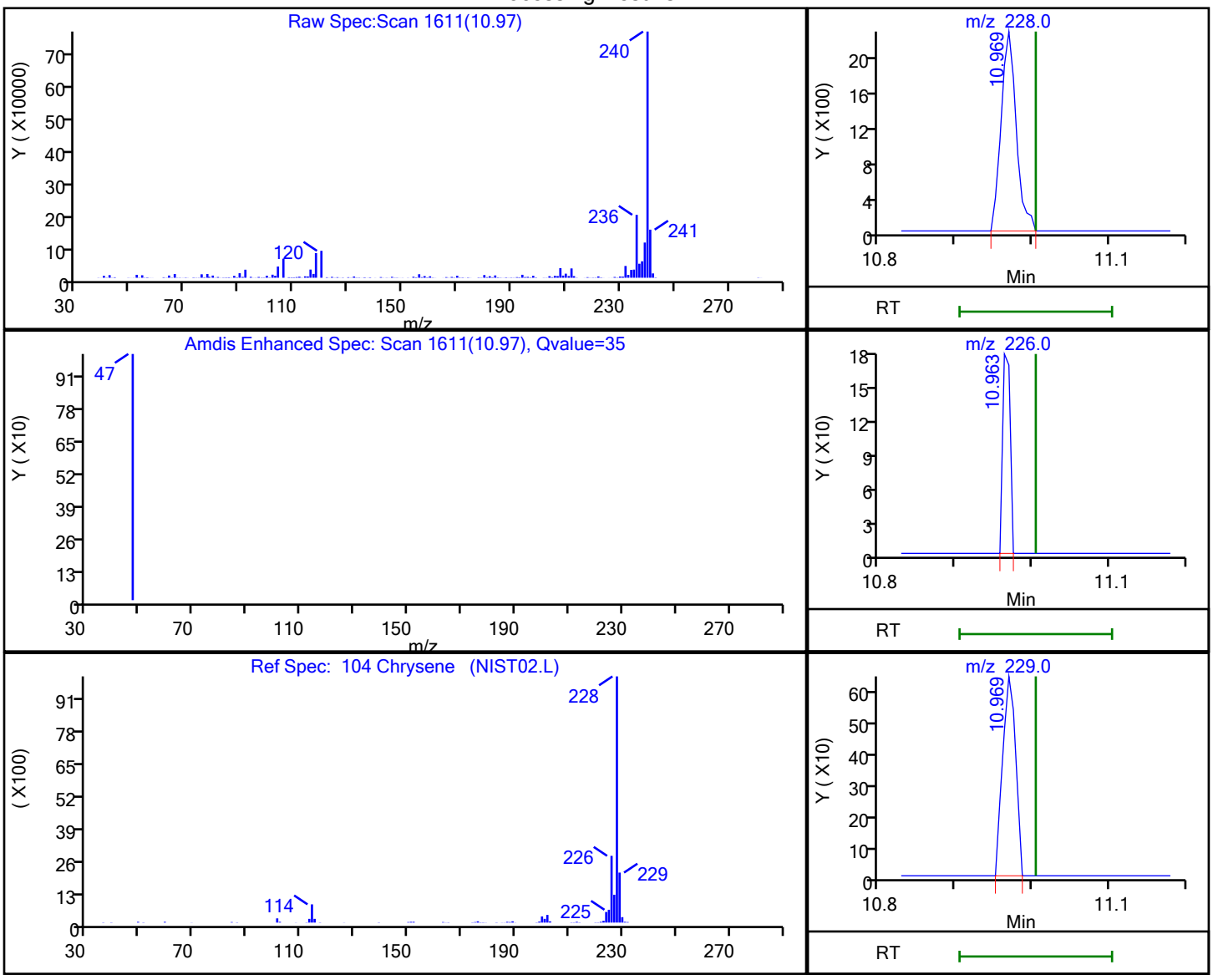
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d				
Injection Date:	29-Apr-2021 19:14:30	Instrument ID:	CBNAMS14		
Lims ID:	MB 460-774756/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
10.97	228.00	3154	0.018958
10.96	226.00	123	
10.97	229.00	764	

Reviewer: johnstonm1, 30-Apr-2021 07:00:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

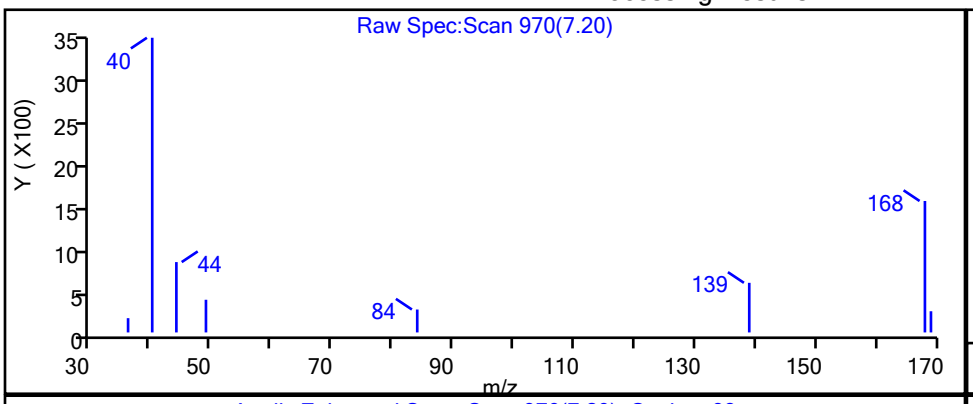
User Disabled Compound Report

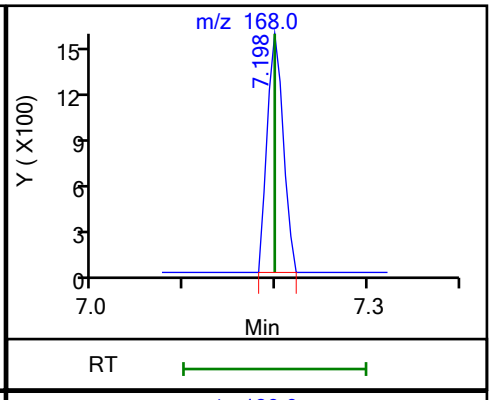
Eurofins TestAmerica, Edison

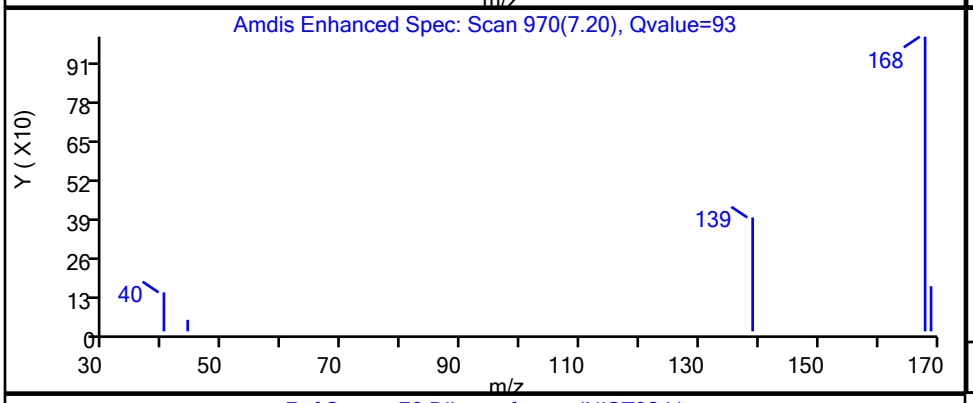
Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d				
Injection Date:	29-Apr-2021 19:14:30	Instrument ID:	CBNAMS14		
Lims ID:	MB 460-774756/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

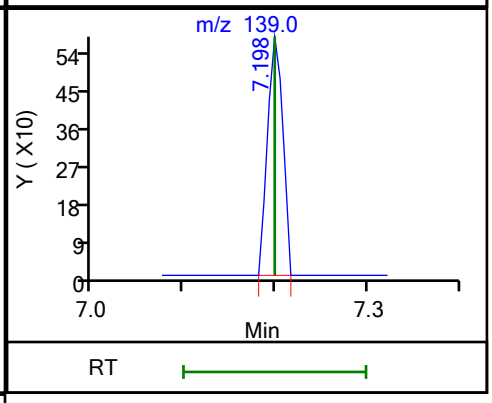
70 Dibenzofuran, CAS: 132-64-9

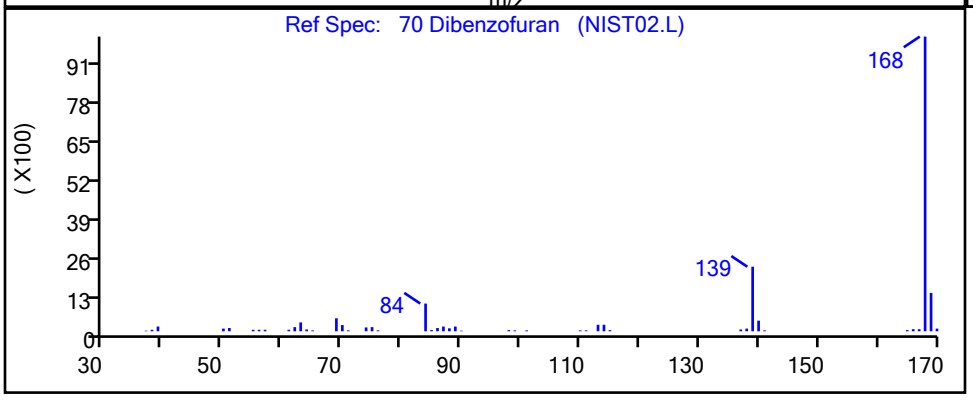
Processing Results











RT	Mass	Response	Amount
7.20	168.00	1854	0.010012
7.20	139.00	667	

Reviewer: johnstonm1, 30-Apr-2021 07:00:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

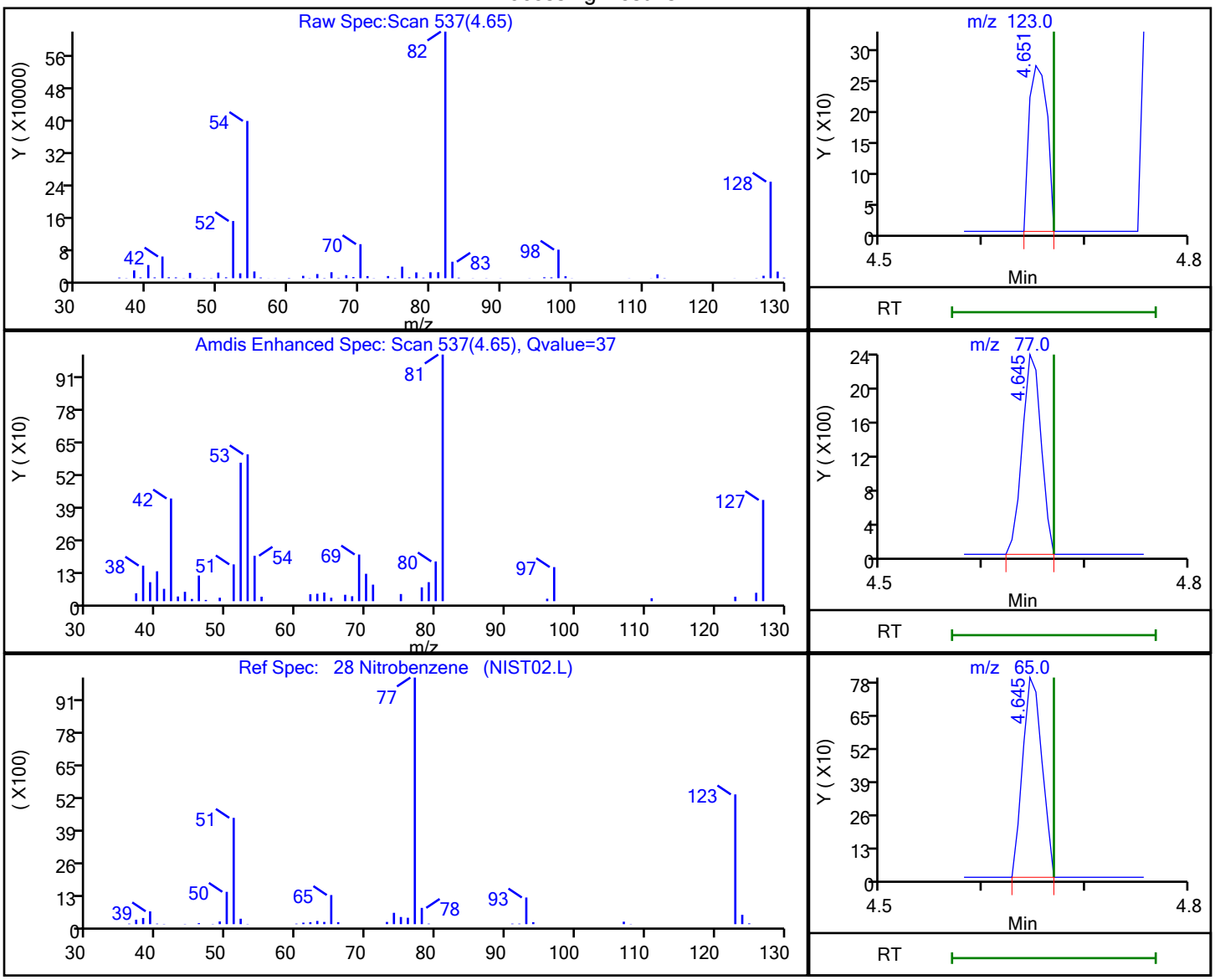
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d				
Injection Date:	29-Apr-2021 19:14:30	Instrument ID:	CBNAMS14		
Lims ID:	MB 460-774756/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

28 Nitrobenzene, CAS: 98-95-3

Processing Results



RT	Mass	Response	Amount
4.65	123.00	330	0.009945
4.65	77.00	2976	
4.65	65.00	1051	

Reviewer: johnstonm1, 30-Apr-2021 07:00:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

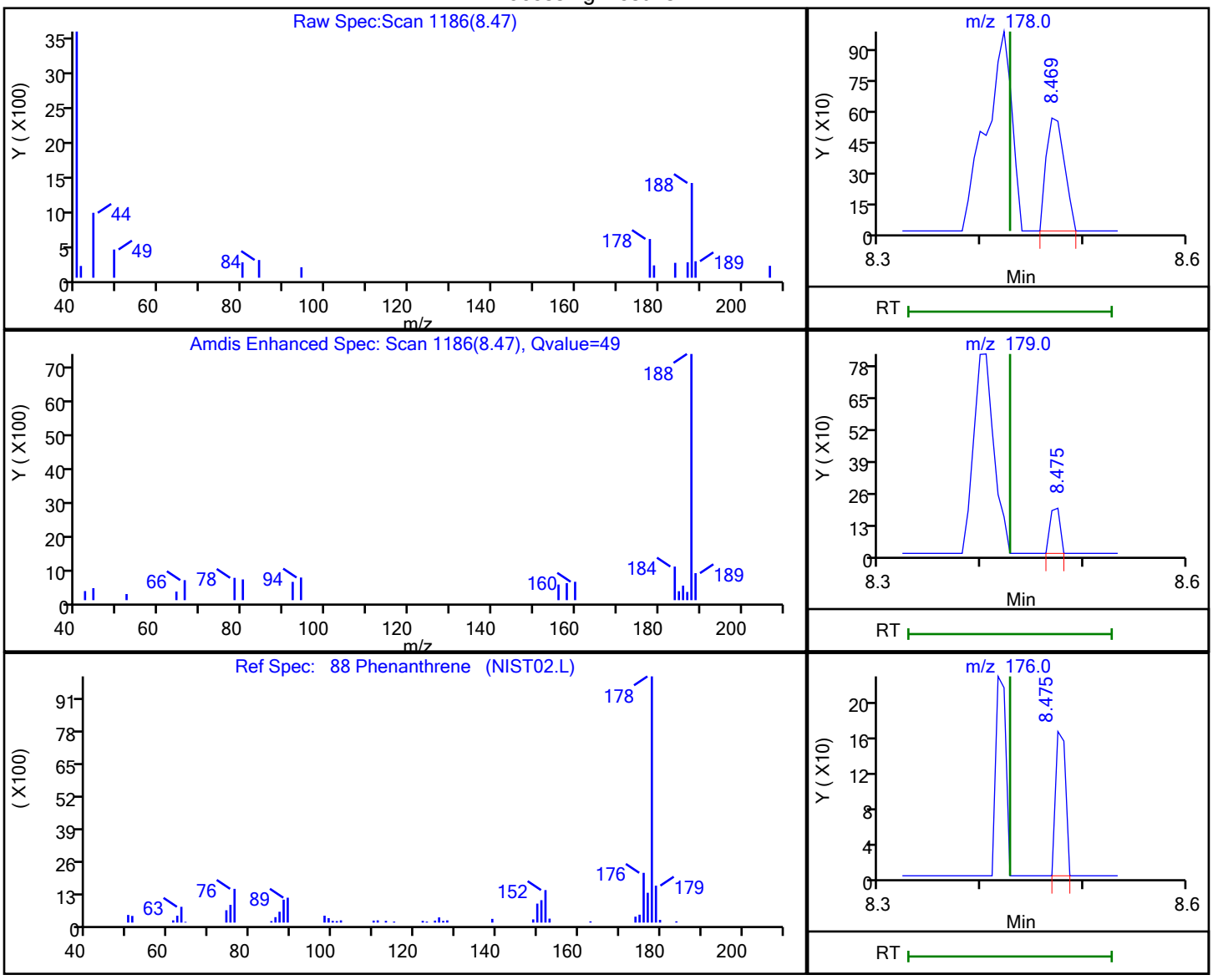
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31598.d				
Injection Date:	29-Apr-2021 19:14:30	Instrument ID:	CBNAMS14		
Lims ID:	MB 460-774756/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Phenanthrene, CAS: 85-01-8

Processing Results



RT	Mass	Response	Amount
8.47	178.00	699	0.003217
8.47	179.00	129	
8.47	176.00	113	

Reviewer: johnstonm1, 30-Apr-2021 07:00:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774756/2-A

Matrix: Water Lab File ID: N31599.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3510C Date Extracted: 04/29/2021 09:42

Sample wt/vol: 250(mL) Date Analyzed: 04/29/2021 19:35

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774880 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	46.1		2.0	0.64
95-50-1	1,2-Dichlorobenzene	41.7		10	0.50
541-73-1	1,3-Dichlorobenzene	39.0		10	2.0
106-46-7	1,4-Dichlorobenzene	40.1		10	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	68.9		10	0.63
121-14-2	2,4-Dinitrotoluene	75.3		2.0	1.0
606-20-2	2,6-Dinitrotoluene	69.6		2.0	0.83
91-58-7	2-Chloronaphthalene	60.0		10	1.2
91-57-6	2-Methylnaphthalene	57.3		10	0.53
88-74-4	2-Nitroaniline	72.0		10	0.47
91-94-1	3,3'-Dichlorobenzidine	59.3		10	1.4
99-09-2	3-Nitroaniline	69.9		10	1.9
101-55-3	4-Bromophenyl phenyl ether	56.9		10	0.75
106-47-8	4-Chloroaniline	59.7		10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	61.1		10	1.3
100-01-6	4-Nitroaniline	74.2		10	1.2
83-32-9	Acenaphthene	62.2		10	1.1
208-96-8	Acenaphthylene	63.2		10	0.82
120-12-7	Anthracene	63.0		10	1.3
56-55-3	Benzo[a]anthracene	62.3		1.0	0.59
50-32-8	Benzo[a]pyrene	78.4		1.0	0.41
205-99-2	Benzo[b]fluoranthene	71.6		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	60.8		10	0.70
207-08-9	Benzo[k]fluoranthene	73.2		1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	68.4		10	0.59
111-44-4	Bis(2-chloroethyl)ether	67.5		1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	76.9		2.0	0.80
85-68-7	Butyl benzyl phthalate	76.5		10	0.85
86-74-8	Carbazole	66.9		10	0.68
218-01-9	Chrysene	64.8		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	62.2		1.0	0.72
132-64-9	Dibenzofuran	63.7		10	1.1
84-66-2	Diethyl phthalate	72.7		10	0.98
131-11-3	Dimethyl phthalate	69.8		10	0.77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774756/2-A

Matrix: Water Lab File ID: N31599.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3510C Date Extracted: 04/29/2021 09:42

Sample wt/vol: 250(mL) Date Analyzed: 04/29/2021 19:35

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774880 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	74.0		10	0.84
117-84-0	Di-n-octyl phthalate	80.6		10	0.75
206-44-0	Fluoranthene	64.5		10	0.84
86-73-7	Fluorene	65.5		10	0.91
118-74-1	Hexachlorobenzene	56.8		1.0	0.40
87-68-3	Hexachlorobutadiene	39.7		1.0	0.78
77-47-4	Hexachlorocyclopentadiene	41.4		10	3.6
67-72-1	Hexachloroethane	41.2		2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	60.4		2.0	0.94
78-59-1	Isophorone	71.2		10	0.80
91-20-3	Naphthalene	52.9		2.0	0.54
98-95-3	Nitrobenzene	72.0		1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	74.3		1.0	0.43
86-30-6	N-Nitrosodiphenylamine	61.5		10	0.89
85-01-8	Phenanthrene	62.8		10	1.3
129-00-0	Pyrene	67.6		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	72		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	83		46-137
1718-51-0	Terphenyl-d14 (Surr)	86		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31599.d
Lims ID: LCS 460-774756/2-A
Client ID:
Sample Type: LCS
Inject. Date: 29-Apr-2021 19:35:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127849-005
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 07:57:43 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: eisam Date: 29-Apr-2021 20:36:19

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.640	1.634	0.006	92	155733	10.0	5.21	
	2 N-Nitrosodimethylamine	74	1.834	1.834	0.000	72	260547	10.0	6.03	
	3 Pyridine	79	1.869	1.863	0.006	76	488681	20.0	6.95	
$	4 2-Fluorophenol	112	2.899	2.893	0.006	89	336133	10.0	4.63	
	5 Benzaldehyde	77	3.699	3.698	0.001	91	340283	5.00	5.18	E
$	6 Phenol-d5	99	3.781	3.781	0.000	98	294850	10.0	3.22	
	7 Phenol	94	3.793	3.798	-0.005	95	373463	10.0	3.76	
	8 Aniline	93	3.804	3.804	0.000	99	636034	10.0	5.62	
	9 Bis(2-chloroethyl)ether	93	3.863	3.863	0.000	93	651366	10.0	8.44	
	10 Benzonitrile	103	3.875	3.875	0.000	98	1198875	NC	NC	
	11 2-Chlorophenol	128	3.922	3.922	0.000	90	565353	10.0	7.45	
	12 n-Decane	43	3.969	3.969	0.000	95	598608	10.0	5.32	
	13 1,3-Dichlorobenzene	146	4.063	4.063	0.000	91	433325	10.0	4.87	
*	14 1,4-Dichlorobenzene-d4	152	4.116	4.116	0.000	97	460446	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.134	4.134	0.000	93	449908	10.0	5.02	
	16 Benzyl alcohol	108	4.257	4.257	0.000	89	353437	10.0	8.13	
	17 1,2-Dichlorobenzene	146	4.281	4.281	0.000	93	439256	10.0	5.21	
	18 2-Methylphenol	108	4.375	4.375	0.000	83	451174	10.0	6.90	
	19 2,2'-oxybis[1-chloropropane]	45	4.381	4.381	0.000	91	1224978	10.0	8.62	
	20 N-Methylaniline	106	4.499	4.498	0.001	97	842927	10.0	7.28	
	21 Acetophenone	105	4.510	4.510	0.000	86	930197	10.0	8.69	
	22 N-Nitrosodi-n-propylamine	70	4.510	4.510	0.000	95	526658	10.0	9.28	
	23 3 & 4 Methylphenol	108	4.528	4.528	0.000	77	479522	10.0	6.87	
	24 4-Methylphenol	108	4.528	4.528	0.000	90	479522	10.0	6.87	
	25 Hexachloroethane	117	4.604	4.604	0.000	93	177987	10.0	5.15	
$	27 Nitrobenzene-d5	82	4.651	4.651	0.000	95	748941	10.0	8.26	
	28 Nitrobenzene	123	4.669	4.669	0.000	87	315474	10.0	9.00	
	29 n,n'-Dimethylaniline	120	4.675	4.675	0.000	95	868276	10.0	7.82	
	30 Isophorone	82	4.899	4.898	0.000	97	1303879	10.0	8.89	
	32 2-Nitrophenol	139	4.975	4.975	0.000	80	335214	10.0	7.72	
	33 2,4-Dimethylphenol	122	5.034	5.034	0.000	87	503639	10.0	7.74	
	34 Bis(2-chloroethoxy)methane	93	5.116	5.110	0.006	94	784434	10.0	8.55	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.134	5.151	-0.017	92	118260	10.0	4.08	
36 2,4-Dichlorophenol	162	5.216	5.216	0.000	92	502421	10.0	7.45	
37 1,2,4-Trichlorobenzene	180	5.287	5.287	0.000	94	461651	10.0	5.77	
* 38 Naphthalene-d8	136	5.340	5.340	0.000	99	1690873	8.00	8.00	
39 Naphthalene	128	5.357	5.357	0.000	98	1443722	10.0	6.61	
40 4-Chloroaniline	127	5.416	5.416	0.000	94	612603	10.0	7.46	
130 2,6-Dichlorophenol	162	5.428	5.428	0.000	93	501596	10.0	7.53	
41 Hexachlorobutadiene	225	5.487	5.487	0.000	94	255219	10.0	4.97	
42 Caprolactam	113	5.751	5.745	0.006	86	31003	5.00	2.26	
43 4-Chloro-3-methylphenol	107	5.898	5.898	0.000	96	497353	10.0	7.96	
44 2-Methylnaphthalene	142	6.016	6.016	0.000	90	1084544	10.0	7.16	
45 1-Methylnaphthalene	142	6.110	6.110	0.000	93	1016385	10.0	7.21	
46 Hexachlorocyclopentadiene	237	6.181	6.181	0.000	96	323129	10.0	5.18	
47 1,2,4,5-Tetrachlorobenzene	216	6.181	6.181	0.000	96	568247	10.0	6.95	
48 2-tertbutyl-4-methylphenol	149	6.228	6.228	0.000	89	767195	10.0	7.99	
49 2,4,6-Trichlorophenol	196	6.298	6.298	0.000	88	395741	10.0	8.03	
50 2,4,5-Trichlorophenol	196	6.334	6.334	0.000	96	418198	10.0	7.85	
$ 51 2-Fluorobiphenyl	172	6.375	6.375	0.000	97	1263083	10.0	7.17	
52 1,1'-Biphenyl	154	6.463	6.463	0.000	97	1354421	10.0	7.68	
53 2-Chloronaphthalene	162	6.481	6.481	0.000	98	1034095	10.0	7.50	
54 Phenyl ether	170	6.563	6.563	0.000	91	709119	10.0	7.41	
55 2-Nitroaniline	65	6.587	6.581	0.006	93	478696	10.0	9.00	
57 1,3-Dimethylnaphthalene	156	6.687	6.687	0.000	91	866408	10.0	8.01	
59 Dimethyl phthalate	163	6.769	6.763	0.006	97	1281305	10.0	8.73	
60 Coumarin	146	6.775	6.775	0.000	80	382042	10.0	9.20	
61 2,6-Dinitrotoluene	165	6.816	6.816	0.000	90	285712	10.0	8.70	
62 Acenaphthylene	152	6.869	6.869	0.000	97	1611435	10.0	7.89	
63 3-Nitroaniline	138	6.975	6.975	0.000	90	260344	10.0	8.74	
* 64 Acenaphthene-d10	164	7.004	7.004	0.000	96	868528	8.00	8.00	
66 Acenaphthene	154	7.034	7.034	0.000	96	988586	10.0	7.78	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.040	7.039	0.001	98	971031	10.0	6.96	
67 2,4-Dinitrophenol	184	7.075	7.075	0.000	87	312820	20.0	16.6	
68 4-Nitrophenol	65	7.157	7.163	-0.006	92	192354	20.0	7.26	
69 2,4-Dinitrotoluene	165	7.192	7.192	0.000	87	388324	10.0	9.42	
70 Dibenzofuran	168	7.198	7.198	0.000	95	1512599	10.0	7.96	
72 2,3,4,6-Tetrachlorophenol	232	7.328	7.328	0.000	93	324014	10.0	7.64	
73 Diethyl phthalate	149	7.434	7.434	0.000	97	1272867	10.0	9.09	
75 Fluorene	166	7.522	7.522	0.000	95	1232376	10.0	8.19	
74 4-Chlorophenyl phenyl ether	204	7.528	7.528	0.000	84	592523	10.0	7.64	
76 4-Nitroaniline	138	7.557	7.557	0.000	93	255916	10.0	9.27	
77 4,6-Dinitro-2-methylphenol	198	7.587	7.586	0.001	79	402335	20.0	16.3	
78 N-Nitrosodiphenylamine	169	7.640	7.639	0.001	97	853865	10.0	7.69	
79 1,2-Diphenylhydrazine	77	7.675	7.675	0.000	99	1380135	10.0	8.39	
$ 80 2,4,6-Tribromophenol	330	7.751	7.751	0.000	95	240455	10.0	7.36	
81 4-Bromophenyl phenyl ether	248	7.987	7.986	0.001	86	373971	10.0	7.11	
82 Hexachlorobenzene	284	8.045	8.045	0.000	98	440411	10.0	7.10	
83 Atrazine	200	8.157	8.151	0.006	89	224262	5.00	6.16	E
84 Pentachlorophenol	266	8.239	8.239	0.000	92	448772	20.0	14.2	
85 Pentachloronitrobenzene	237	8.251	8.251	0.000	87	178740	10.0	7.45	
86 n-Octadecane	57	8.328	8.328	0.000	93	1136932	10.0	8.65	
* 87 Phenanthrene-d10	188	8.404	8.404	0.000	99	1525139	8.00	8.00	
88 Phenanthrene	178	8.422	8.428	-0.006	98	1678451	10.0	7.85	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.475	8.475	0.000	98	1708446	10.0	7.87	
90 Carbazole	167	8.634	8.633	0.001	96	1514491	10.0	8.36	
91 Di-n-butyl phthalate	149	8.975	8.975	0.000	99	1903387	10.0	9.25	
92 Fluoranthene	202	9.545	9.545	0.000	98	1692804	10.0	8.06	
93 Benzidine	184	9.681	9.686	-0.005	99	109933	10.0	1.41	
94 Pyrene	202	9.757	9.757	0.000	97	1670915	10.0	8.45	
95 Bisphenol-A	213	9.828	9.828	0.000	98	264957	5.00	3.90	
$ 96 Terphenyl-d14	244	9.922	9.922	0.000	98	1297002	10.0	8.57	
97 Butyl benzyl phthalate	149	10.404	10.404	0.000	98	674531	10.0	9.57	
99 Carbamazepine	193	10.504	10.504	0.000	91	547176	10.0	8.04	
100 3,3'-Dichlorobenzidine	252	10.945	10.951	-0.006	99	463859	10.0	7.42	
101 Benzo[a]anthracene	228	10.963	10.963	0.000	98	1325143	10.0	7.79	
* 102 Chrysene-d12	240	10.975	10.974	0.001	99	983913	8.00	8.00	
104 Chrysene	228	10.998	11.004	-0.006	98	1318399	10.0	8.10	
103 Bis(2-ethylhexyl) phthalate	149	11.033	11.033	0.000	89	900254	10.0	9.61	
105 Di-n-octyl phthalate	149	11.804	11.804	0.000	97	1426071	10.0	10.1	
106 Benzo[b]fluoranthene	252	12.239	12.239	0.000	98	1222285	10.0	8.95	
107 Benzo[k]fluoranthene	252	12.275	12.274	0.000	99	1318550	10.0	9.15	
108 Benzo[a]pyrene	252	12.663	12.663	0.000	98	1163884	10.0	9.80	
* 109 Perylene-d12	264	12.739	12.739	0.000	99	941141	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.192	14.192	0.000	98	1173611	10.0	7.54	
111 Dibenz(a,h)anthracene	278	14.227	14.227	0.000	96	1179163	10.0	7.78	
112 Benzo[g,h,i]perylene	276	14.563	14.568	-0.005	98	1193303	10.0	7.60	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SM_ISTD_LVI_00192 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-Apr-2021 07:58:49 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31599.d

Injection Date: 29-Apr-2021 19:35:30 Instrument ID: CBNAMS14 Operator ID:

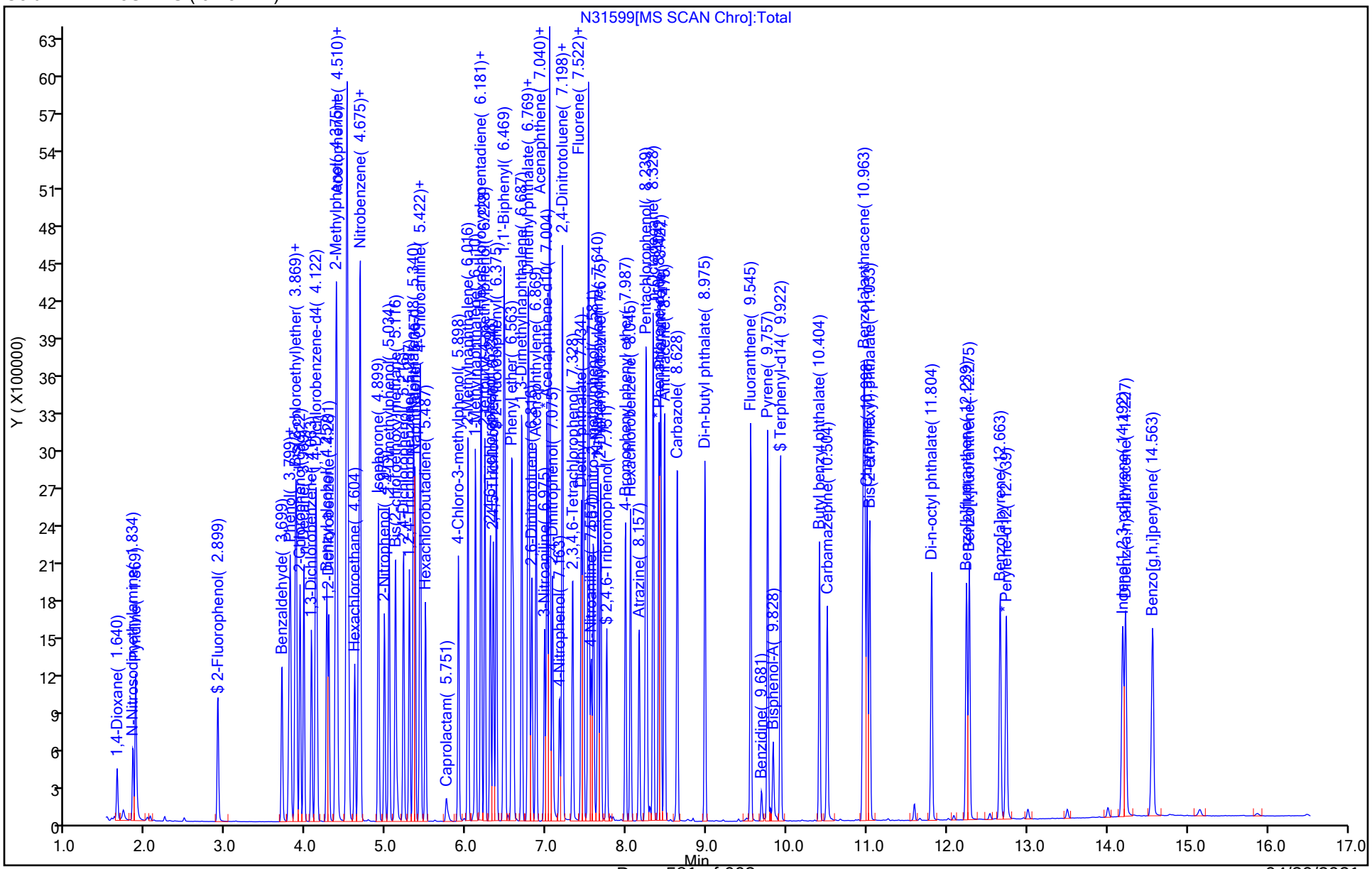
Lims ID: LCS 460-774756/2-A Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774756/3-A

Matrix: Water Lab File ID: N31600.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3510C Date Extracted: 04/29/2021 09:42

Sample wt/vol: 250(mL) Date Analyzed: 04/29/2021 19:56

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774880 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	46.4		2.0	0.64
95-50-1	1,2-Dichlorobenzene	41.6		10	0.50
541-73-1	1,3-Dichlorobenzene	38.9		10	2.0
106-46-7	1,4-Dichlorobenzene	39.9		10	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	68.8		10	0.63
121-14-2	2,4-Dinitrotoluene	76.8		2.0	1.0
606-20-2	2,6-Dinitrotoluene	72.4		2.0	0.83
91-58-7	2-Chloronaphthalene	60.3		10	1.2
91-57-6	2-Methylnaphthalene	57.8		10	0.53
88-74-4	2-Nitroaniline	73.2		10	0.47
91-94-1	3,3'-Dichlorobenzidine	60.7		10	1.4
99-09-2	3-Nitroaniline	71.4		10	1.9
101-55-3	4-Bromophenyl phenyl ether	55.9		10	0.75
106-47-8	4-Chloroaniline	60.2		10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	62.7		10	1.3
100-01-6	4-Nitroaniline	77.5		10	1.2
83-32-9	Acenaphthene	62.2		10	1.1
208-96-8	Acenaphthylene	63.4		10	0.82
120-12-7	Anthracene	63.8		10	1.3
56-55-3	Benzo[a]anthracene	61.6		1.0	0.59
50-32-8	Benzo[a]pyrene	77.6		1.0	0.41
205-99-2	Benzo[b]fluoranthene	73.3		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	61.4		10	0.70
207-08-9	Benzo[k]fluoranthene	74.5		1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	68.0		10	0.59
111-44-4	Bis(2-chloroethyl)ether	66.9		1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	77.1		2.0	0.80
85-68-7	Butyl benzyl phthalate	76.8		10	0.85
86-74-8	Carbazole	67.9		10	0.68
218-01-9	Chrysene	65.0		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	63.3		1.0	0.72
132-64-9	Dibenzofuran	64.0		10	1.1
84-66-2	Diethyl phthalate	74.5		10	0.98
131-11-3	Dimethyl phthalate	70.8		10	0.77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774756/3-A

Matrix: Water Lab File ID: N31600.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3510C Date Extracted: 04/29/2021 09:42

Sample wt/vol: 250(mL) Date Analyzed: 04/29/2021 19:56

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774880 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	75.6		10	0.84
117-84-0	Di-n-octyl phthalate	82.9		10	0.75
206-44-0	Fluoranthene	66.1		10	0.84
86-73-7	Fluorene	65.8		10	0.91
118-74-1	Hexachlorobenzene	57.2		1.0	0.40
87-68-3	Hexachlorobutadiene	39.1		1.0	0.78
77-47-4	Hexachlorocyclopentadiene	40.9		10	3.6
67-72-1	Hexachloroethane	41.5		2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	60.8		2.0	0.94
78-59-1	Isophorone	70.9		10	0.80
91-20-3	Naphthalene	52.9		2.0	0.54
98-95-3	Nitrobenzene	71.3		1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	74.2		1.0	0.43
86-30-6	N-Nitrosodiphenylamine	60.4		10	0.89
85-01-8	Phenanthrene	63.1		10	1.3
129-00-0	Pyrene	66.6		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	71		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	82		46-137
1718-51-0	Terphenyl-d14 (Surr)	84		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31600.d
Lims ID: LCSD 460-774756/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 29-Apr-2021 19:56:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127849-006
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 30-Apr-2021 07:57:43 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: maheseep Date: 30-Apr-2021 11:03:32

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.634	1.634	0.000	92	145063	10.0	5.22	
	2 N-Nitrosodimethylamine	74	1.834	1.834	0.000	77	249799	10.0	6.21	
	3 Pyridine	79	1.869	1.863	0.006	76	458098	20.0	6.99	
$	4 2-Fluorophenol	112	2.893	2.893	0.000	89	315839	10.0	4.67	
	5 Benzaldehyde	77	3.693	3.698	-0.005	91	324513	5.00	5.30	E
$	6 Phenol-d5	99	3.781	3.781	0.000	98	278187	10.0	3.27	
	7 Phenol	94	3.793	3.798	-0.005	95	347890	10.0	3.77	
	8 Aniline	93	3.804	3.804	0.000	99	591946	10.0	5.62	
	9 Bis(2-chloroethyl)ether	93	3.863	3.863	0.000	93	601302	10.0	8.37	
	10 Benzonitrile	103	3.875	3.875	0.000	98	1117575	NC	NC	
	11 2-Chlorophenol	128	3.922	3.922	0.000	90	524902	10.0	7.43	
	12 n-Decane	43	3.969	3.969	0.000	95	550414	10.0	5.25	
	13 1,3-Dichlorobenzene	146	4.063	4.063	0.000	92	402405	10.0	4.86	
*	14 1,4-Dichlorobenzene-d4	152	4.116	4.116	0.000	98	428677	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.134	4.134	0.000	93	416495	10.0	4.99	
	16 Benzyl alcohol	108	4.257	4.257	0.000	89	324693	10.0	8.02	
	17 1,2-Dichlorobenzene	146	4.281	4.281	0.000	93	408386	10.0	5.20	
	18 2-Methylphenol	108	4.375	4.375	0.000	86	428618	10.0	7.04	
	19 2,2'-oxybis[1-chloropropane]	45	4.381	4.381	0.000	92	1138148	10.0	8.60	
	20 N-Methylaniline	106	4.498	4.498	0.000	97	780942	10.0	7.24	
	21 Acetophenone	105	4.510	4.510	0.000	87	868275	10.0	8.72	
	22 N-Nitrosodi-n-propylamine	70	4.510	4.510	0.000	95	489968	10.0	9.28	
	23 3 & 4 Methylphenol	108	4.528	4.528	0.000	79	451630	10.0	6.95	
	24 4-Methylphenol	108	4.528	4.528	0.000	90	451630	10.0	6.95	
	25 Hexachloroethane	117	4.604	4.604	0.000	92	166923	10.0	5.19	
$	27 Nitrobenzene-d5	82	4.651	4.651	0.000	94	690808	10.0	8.21	
	28 Nitrobenzene	123	4.669	4.669	0.000	87	290818	10.0	8.91	
	29 n,n'-Dimethylaniline	120	4.675	4.675	0.000	95	792362	10.0	7.66	
	30 Isophorone	82	4.898	4.898	0.000	97	1203958	10.0	8.86	
	32 2-Nitrophenol	139	4.975	4.975	0.000	79	308551	10.0	7.66	
	33 2,4-Dimethylphenol	122	5.034	5.034	0.000	87	461079	10.0	7.65	
	34 Bis(2-chloroethoxy)methane	93	5.116	5.110	0.006	94	723141	10.0	8.50	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.128	5.151	-0.023	94	121465	10.0	4.41	
36 2,4-Dichlorophenol	162	5.216	5.216	0.000	92	464128	10.0	7.42	
37 1,2,4-Trichlorobenzene	180	5.287	5.287	0.000	94	430207	10.0	5.80	
* 38 Naphthalene-d8	136	5.340	5.340	0.000	99	1567887	8.00	8.00	
39 Naphthalene	128	5.357	5.357	0.000	98	1339332	10.0	6.62	
40 4-Chloroaniline	127	5.416	5.416	0.000	95	573598	10.0	7.53	
130 2,6-Dichlorophenol	162	5.428	5.428	0.000	94	465853	10.0	7.54	
41 Hexachlorobutadiene	225	5.487	5.487	0.000	94	232873	10.0	4.89	
42 Caprolactam	113	5.745	5.745	0.000	86	30416	5.00	2.39	
43 4-Chloro-3-methylphenol	107	5.898	5.898	0.000	96	458211	10.0	7.91	
44 2-Methylnaphthalene	142	6.016	6.016	0.000	84	1014690	10.0	7.22	
45 1-Methylnaphthalene	142	6.110	6.110	0.000	92	927853	10.0	7.10	
46 Hexachlorocyclopentadiene	237	6.181	6.181	0.000	97	296610	10.0	5.11	
47 1,2,4,5-Tetrachlorobenzene	216	6.181	6.181	0.000	97	527334	10.0	6.94	
48 2-tertbutyl-4-methylphenol	149	6.228	6.228	0.000	88	708050	10.0	7.95	
49 2,4,6-Trichlorophenol	196	6.298	6.298	0.000	88	366185	10.0	8.00	
50 2,4,5-Trichlorophenol	196	6.334	6.334	0.000	96	396576	10.0	8.01	
$ 51 2-Fluorobiphenyl	172	6.375	6.375	0.000	97	1161427	10.0	7.09	
52 1,1'-Biphenyl	154	6.463	6.463	0.000	97	1251838	10.0	7.64	
53 2-Chloronaphthalene	162	6.481	6.481	0.000	98	965406	10.0	7.54	
54 Phenyl ether	170	6.563	6.563	0.000	91	652107	10.0	7.33	
55 2-Nitroaniline	65	6.587	6.581	0.006	93	452592	10.0	9.15	
57 1,3-Dimethylnaphthalene	156	6.687	6.687	0.000	91	813047	10.0	8.09	
59 Dimethyl phthalate	163	6.769	6.763	0.006	98	1208215	10.0	8.86	
60 Coumarin	146	6.775	6.775	0.000	81	368153	10.0	9.57	
61 2,6-Dinitrotoluene	165	6.816	6.816	0.000	90	276115	10.0	9.05	
62 Acenaphthylene	152	6.869	6.869	0.000	97	1502567	10.0	7.92	
63 3-Nitroaniline	138	6.975	6.975	0.000	90	247027	10.0	8.93	
* 64 Acenaphthene-d10	164	7.004	7.004	0.000	96	806987	8.00	8.00	
66 Acenaphthene	154	7.034	7.034	0.000	96	918277	10.0	7.78	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.040	7.039	0.001	98	895964	10.0	6.91	
67 2,4-Dinitrophenol	184	7.075	7.075	0.000	87	309154	20.0	17.5	
68 4-Nitrophenol	65	7.157	7.163	-0.006	93	193628	20.0	7.86	
69 2,4-Dinitrotoluene	165	7.192	7.192	0.000	92	367842	10.0	9.60	
70 Dibenzofuran	168	7.198	7.198	0.000	99	1412871	10.0	8.00	
72 2,3,4,6-Tetrachlorophenol	232	7.328	7.328	0.000	94	307861	10.0	7.82	
73 Diethyl phthalate	149	7.434	7.434	0.000	97	1211642	10.0	9.31	
75 Fluorene	166	7.522	7.522	0.000	94	1150472	10.0	8.23	
74 4-Chlorophenyl phenyl ether	204	7.528	7.528	0.000	85	565214	10.0	7.84	
76 4-Nitroaniline	138	7.557	7.557	0.000	93	248577	10.0	9.69	
77 4,6-Dinitro-2-methylphenol	198	7.587	7.586	0.001	79	389967	20.0	16.5	
78 N-Nitrosodiphenylamine	169	7.639	7.639	0.000	97	802014	10.0	7.55	
79 1,2-Diphenylhydrazine	77	7.675	7.675	0.000	99	1306464	10.0	8.30	
$ 80 2,4,6-Tribromophenol	330	7.751	7.751	0.000	96	227500	10.0	7.49	
81 4-Bromophenyl phenyl ether	248	7.987	7.986	0.000	86	351692	10.0	6.99	
82 Hexachlorobenzene	284	8.045	8.045	0.000	98	423957	10.0	7.15	
83 Atrazine	200	8.157	8.151	0.006	88	215522	5.00	6.19	E
84 Pentachlorophenol	266	8.239	8.239	0.000	93	434195	20.0	14.3	
85 Pentachloronitrobenzene	237	8.251	8.251	0.000	87	172892	10.0	7.54	
86 n-Octadecane	57	8.328	8.328	0.000	94	1041957	10.0	8.29	
* 87 Phenanthrene-d10	188	8.404	8.404	0.000	99	1458840	8.00	8.00	
88 Phenanthrene	178	8.428	8.428	0.000	98	1612116	10.0	7.89	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.475	8.475	0.000	98	1654925	10.0	7.97	
90 Carbazole	167	8.634	8.633	0.001	96	1470208	10.0	8.49	
91 Di-n-butyl phthalate	149	8.975	8.975	0.000	99	1860029	10.0	9.45	
92 Fluoranthene	202	9.545	9.545	0.000	98	1660610	10.0	8.26	
93 Benzidine	184	9.681	9.686	-0.006	99	110901	10.0	1.49	
94 Pyrene	202	9.757	9.757	0.000	97	1659853	10.0	8.32	
95 Bisphenol-A	213	9.828	9.828	0.000	98	271100	5.00	3.96	
$ 96 Terphenyl-d14	244	9.922	9.922	0.000	98	1285104	10.0	8.42	
97 Butyl benzyl phthalate	149	10.404	10.404	0.000	98	683340	10.0	9.61	
99 Carbamazepine	193	10.504	10.504	0.000	91	556634	10.0	8.10	
100 3,3'-Dichlorobenzidine	252	10.945	10.951	-0.006	99	478555	10.0	7.59	
101 Benzo[a]anthracene	228	10.963	10.963	0.000	98	1320604	10.0	7.70	
* 102 Chrysene-d12	240	10.975	10.974	0.001	99	992590	8.00	8.00	
104 Chrysene	228	10.998	11.004	-0.006	98	1334079	10.0	8.12	
103 Bis(2-ethylhexyl) phthalate	149	11.033	11.033	0.000	88	910553	10.0	9.64	
105 Di-n-octyl phthalate	149	11.804	11.804	0.000	97	1438878	10.0	10.4	
106 Benzo[b]fluoranthene	252	12.239	12.239	0.000	98	1226610	10.0	9.16	
107 Benzo[k]fluoranthene	252	12.274	12.274	0.000	99	1315658	10.0	9.31	
108 Benzo[a]pyrene	252	12.663	12.663	0.000	98	1130524	10.0	9.70	
* 109 Perylene-d12	264	12.739	12.739	0.000	99	923039	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.192	14.192	0.000	98	1160271	10.0	7.60	
111 Dibenz(a,h)anthracene	278	14.227	14.227	0.000	96	1177323	10.0	7.92	
112 Benzo[g,h,i]perylene	276	14.563	14.568	-0.005	98	1181863	10.0	7.68	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SM_ISTD_LVI_00192 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-Apr-2021 07:59:47 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210429-127849.b\N31600.d

Injection Date: 29-Apr-2021 19:56:30 Instrument ID: CBNAMS14 Operator ID:

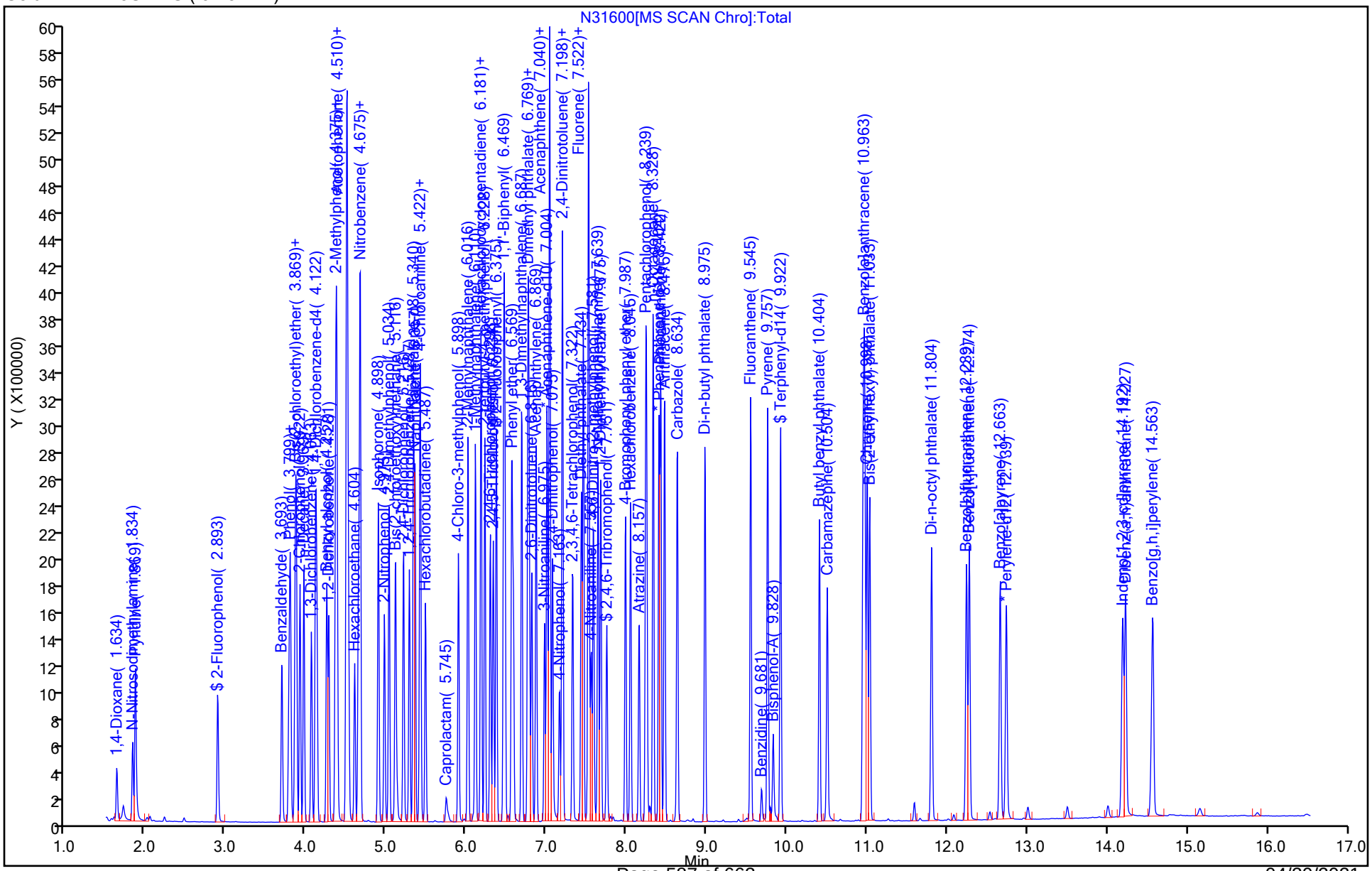
Lims ID: LCSD 460-774756/3-A Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Instrument ID: CBNAMS14 Start Date: 02/26/2021 08:06

Analysis Batch Number: 761139 End Date: 02/26/2021 11:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-761139/1		02/26/2021 08:06	1	N030094.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-761139/2		02/26/2021 08:22	1	N030095.d	Rtxi-5Sil MS 0.25(mm)
STD24 460-761139/3 IC		02/26/2021 08:43	1	N030096.d	Rtxi-5Sil MS 0.25(mm)
STD16 460-761139/4 IC		02/26/2021 09:04	1	N030097.d	Rtxi-5Sil MS 0.25(mm)
STD4 460-761139/5 IC		02/26/2021 09:25	1	N030098.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-761139/6 IC		02/26/2021 09:46	1	N030099.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-761139/7 IC		02/26/2021 10:07	1	N030100.d	Rtxi-5Sil MS 0.25(mm)
STD04 460-761139/8 IC		02/26/2021 10:28	1	N030101.d	Rtxi-5Sil MS 0.25(mm)
STD02 460-761139/9 IC		02/26/2021 10:49	1	N030102.d	Rtxi-5Sil MS 0.25(mm)
STD01 460-761139/10 IC		02/26/2021 11:10	1	N030103.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-761139/11		02/26/2021 11:32	1	N030104.d	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Instrument ID: CBNAMS14 Start Date: 04/29/2021 18:27

Analysis Batch Number: 774880 End Date: 04/30/2021 01:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-774880/2		04/29/2021 18:27	1	N31596.d	Rtxi-5Sil MS 0.25(mm)
MB 460-774756/1-A		04/29/2021 19:14	1	N31598.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-774756/2-A		04/29/2021 19:35	1	N31599.d	Rtxi-5Sil MS 0.25(mm)
LCSD 460-774756/3-A		04/29/2021 19:56	1	N31600.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2021 20:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2021 20:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2021 21:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2021 21:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2021 21:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2021 22:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2021 22:26	1		Rtxi-5Sil MS 0.25(mm)
460-233064-1	TW-01_20210427	04/29/2021 22:47	1	N31608.d	Rtxi-5Sil MS 0.25(mm)
460-233064-2	TW-05_20210427	04/29/2021 23:09	1	N31609.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/29/2021 23:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 00:13	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 00:55	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 01:17	2		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Batch Number: 774756 Batch Start Date: 04/29/21 09:42 Batch Analyst: Santos, Omar T

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00012
MB 460-774756/1		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-774756/2		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
LCSD 460-774756/3		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
460-233064-D-1	TW-01_20210427	3510C, 8270E	T	250 mL	2 mL	9 SU	<2 SU	>12 SU	
460-233064-D-2	TW-05_20210427	3510C, 8270E	T	250 mL	2 mL	9 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00038	OP_BNASurroga 00019				
MB 460-774756/1		3510C, 8270E			200 uL				
LCS 460-774756/2		3510C, 8270E		200 uL	200 uL				
LCSD 460-774756/3		3510C, 8270E		200 uL	200 uL				
460-233064-D-1	TW-01_20210427	3510C, 8270E	T		200 uL				
460-233064-D-2	TW-05_20210427	3510C, 8270E	T		200 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Batch Number: 774756 Batch Start Date: 04/29/21 09:42 Batch Analyst: Santos, Omar T

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid Used for pH Adjustment ID	257458
Base Used to Adjust pH ID	OP2984
Batch Comment	BNA 8270 Water
Analyst ID - Concentration	OS
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	OS
Method/Fraction	3510C LVI / 8270
Na2SO4 ID	204081
pH Indicator ID	HC-022887
Prep Solvent ID	Methylene Chloride: 267133
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	OS
Analyst ID - Spike Witness Analyst	ZB
Sufficient Volume for Batch QC	Yes
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	20046103

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E_SIM_MS_ID

Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DXE #
TW-01_20210427	460-233064-1	41
TW-05_20210427	460-233064-2	41
	MB 460-774757/1-A	54

	QC LIMITS
DXE = 1,4-Dioxane-d8	10-150

Column to be used to flag recovery values

FORM II 8270E SIM ID

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DXE #
	LCS 460-774757/2-A	69
	LCSD 460-774757/3-A	63

	QC LIMITS
DXE = 1,4-Dioxane-d8	10-200

Column to be used to flag recovery values

FORM II 8270E SIM ID

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low Lab File ID: h265154.d

Lab ID: LCS 460-774757/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dioxane	1.60	1.31	82	10-200	
1,4-Dioxane-d8	32.0	22.1	69	10-200	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM ID

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Matrix: Water Level: Low Lab File ID: h265155.d

Lab ID: LCSD 460-774757/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,4-Dioxane	1.60	1.22	77	7	50	10-200	
1,4-Dioxane-d8	32.0	20.2	63			10-200	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM ID

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab File ID: h265153.d Lab Sample ID: MB 460-774757/1-A

Matrix: Water Date Extracted: 04/29/2021 09:51

Instrument ID: CBNAMS9 Date Analyzed: 04/30/2021 07:08

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-774757/2-A	h265154.d	04/30/2021 07:24
	LCSD 460-774757/3-A	h265155.d	04/30/2021 07:40
TW-01_20210427	460-233064-1	h265171.d	04/30/2021 11:56
TW-05_20210427	460-233064-2	h265172.d	04/30/2021 12:12

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab File ID: h260954.d DFTPP Injection Date: 11/03/2020

Instrument ID: CBNAMS9 DFTPP Injection Time: 08:50

Analysis Batch No.: 736984

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2.0 % of mass 69	0.0	(0.0) 1
69	Mass 69 relative abundance	38.9	
70	Less than 2.0 % of mass 69	0.3	(0.7) 1
197	Less than 1.0 % of mass 198	0.5	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
365	Greater than 1.0 % of mass 198	2.9	
441	Present but less than mass 443	12.3	(80.4) 3
442	Greater than 40.0 % of mass 198	76.5	
443	17.0 - 23.0 % of mass 442	15.3	(20.1) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-736984/2	h260955.d	11/03/2020	9:01
	STD9 460-736984/3	h260956.d	11/03/2020	9:17
	STD8 460-736984/4	h260957.d	11/03/2020	9:33
	STD7 460-736984/5	h260958.d	11/03/2020	9:49
	STD6 460-736984/6	h260959.d	11/03/2020	10:05
	STD4 460-736984/7	h260960.d	11/03/2020	10:21
	STD3 460-736984/8	h260961.d	11/03/2020	10:37
	STD2 460-736984/9	h260962.d	11/03/2020	10:53
	STD1 460-736984/10	h260963.d	11/03/2020	11:09
	ICV 460-736984/11	h260964.d	11/03/2020	11:25

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Sample No.: ICIS 460-736984/2 Date Analyzed: 11/03/2020 09:01

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): h260955.d Heated Purge: (Y/N) N

Calibration ID: 82658

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		15716	5.71				
UPPER LIMIT		31432	6.21				
LOWER LIMIT		7858	5.21				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-736984/11		17646	5.71				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E SIM ID

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Sample No.: CCVIS 460-774965/2 Date Analyzed: 04/30/2021 06:52

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): h265152.d Heated Purge: (Y/N) N

Calibration ID: 82658

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		19169	5.44				
UPPER LIMIT		38338	5.94				
LOWER LIMIT		9585	4.94				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-774757/1-A		18627	5.44				
LCS 460-774757/2-A		18130	5.44				
LCSD 460-774757/3-A		17483	5.44				
460-233064-1	TW-01_20210427	18848	5.44				
460-233064-2	TW-05_20210427	18161	5.44				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E SIM ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: TW-01_20210427 Lab Sample ID: 460-233064-1

Matrix: Water Lab File ID: h265171.d

Analysis Method: 8270E SIM ID Date Collected: 04/27/2021 12:20

Extract. Method: 3510C Date Extracted: 04/29/2021 09:51

Sample wt/vol: 250(mL) Date Analyzed: 04/30/2021 11:56

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774965 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	41		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265171.d
Lims ID: 460-233064-E-1-A
Client ID: TW-01_20210427
Sample Type: Client
Inject. Date: 30-Apr-2021 11:56:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127871-021
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 30-Apr-2021 12:12:40 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: zhaoc Date: 30-Apr-2021 12:12:40

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	%Rec	Flags
D	1 1,4-Dioxane-d8	96	1.796	1.794	0.000	4	27862	1.66	41.5	
*	4 1,4-Dichlorobenzene-d4	150	5.440	5.444	-0.004	1	18848	0.2000		

QC Flag Legend

Processing Flags

Reagents:

SM_iso_d4istd_00008 Amount Added: 20.00 Units: uL Run Reagent

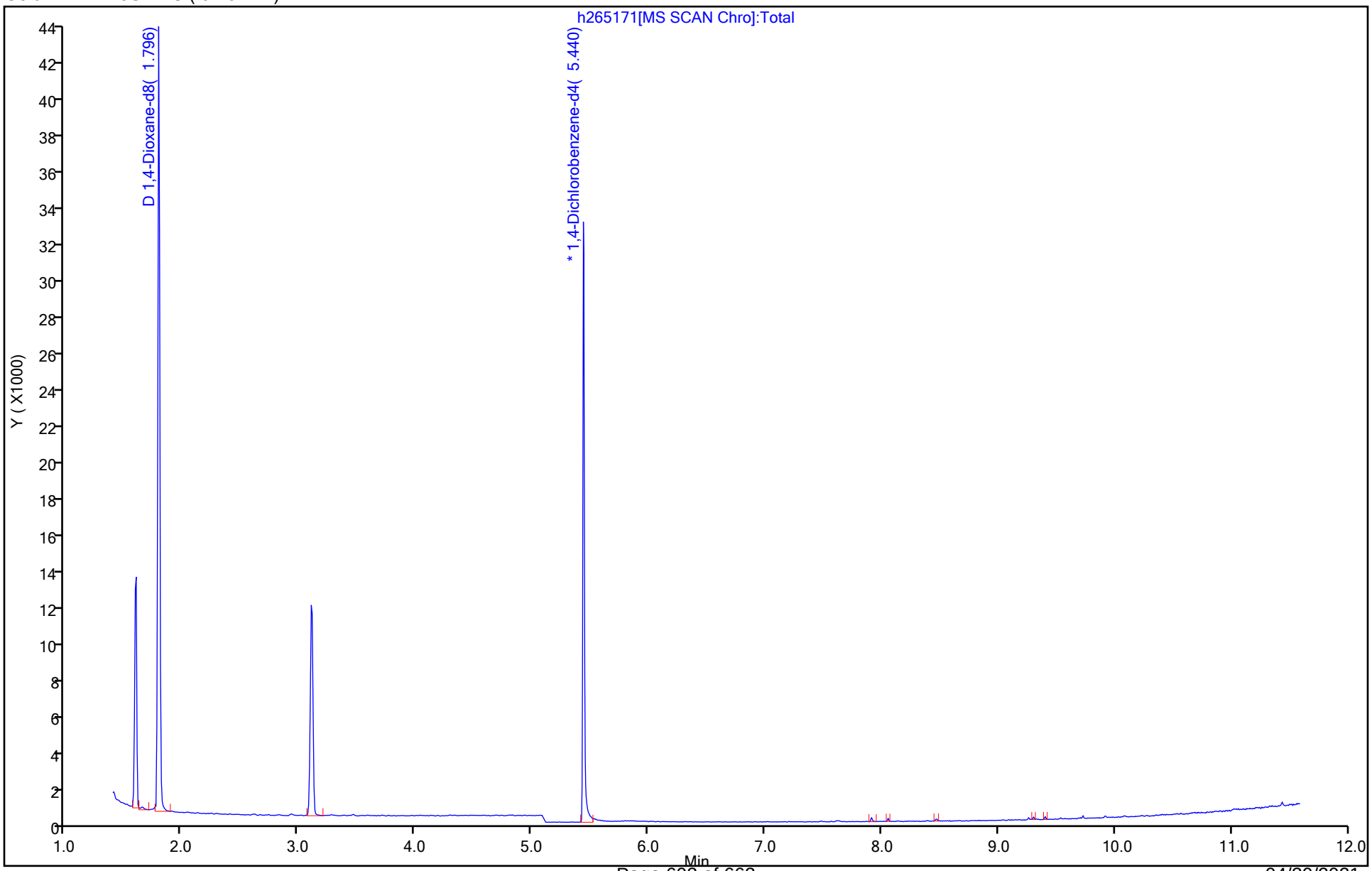
Report Date: 30-Apr-2021 12:12:46 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265171.d

Injection Date:	30-Apr-2021 11:56:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	460-233064-E-1-A	Lab Sample ID:	460-233064-1	Worklist Smp#:	21
Client ID:	TW-01_20210427				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

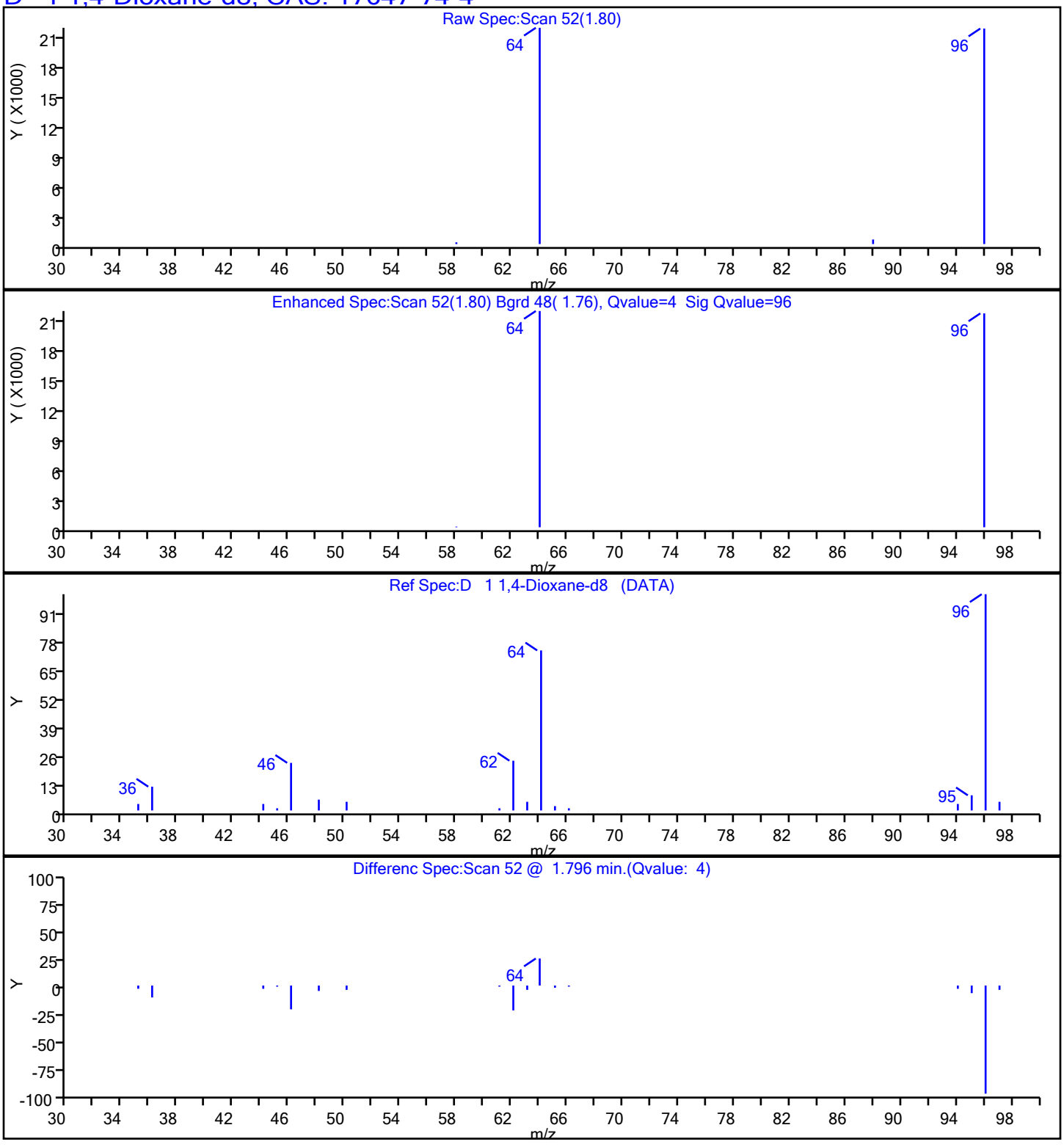
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265171.d				
Injection Date:	30-Apr-2021 11:56:30	Instrument ID:	CBNAMS9		
Lims ID:	460-233064-E-1-A	Lab Sample ID:	460-233064-1		
Client ID:	TW-01_20210427				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

D 1 1,4-Dioxane-d8, CAS: 17647-74-4



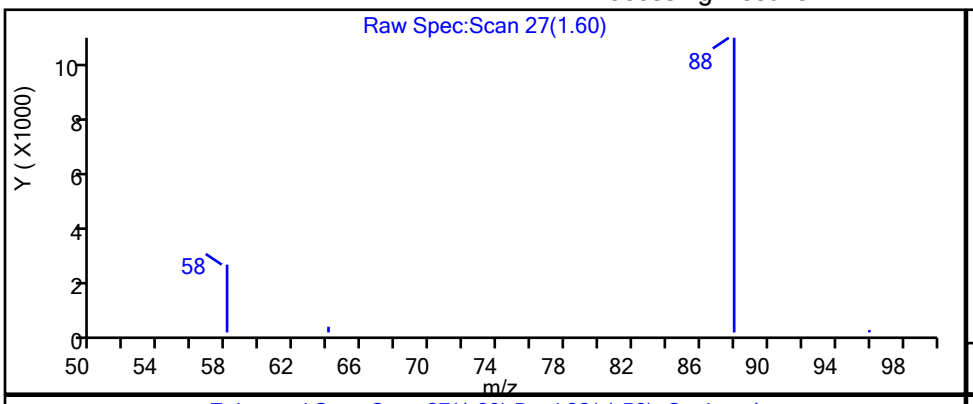
User Disabled Compound Report

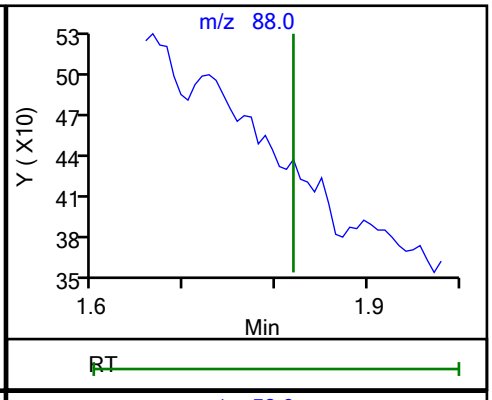
Eurofins TestAmerica, Edison

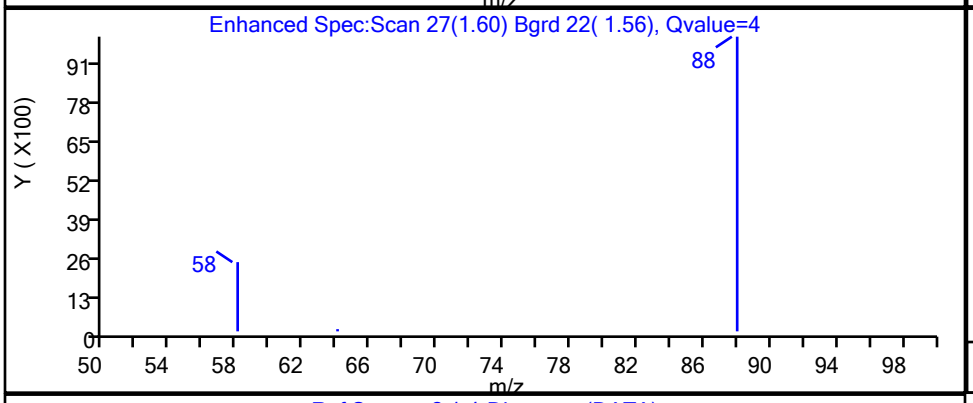
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265171.d				
Injection Date:	30-Apr-2021 11:56:30	Instrument ID:	CBNAMS9		
Lims ID:	460-233064-E-1-A	Lab Sample ID:	460-233064-1		
Client ID:	TW-01_20210427				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

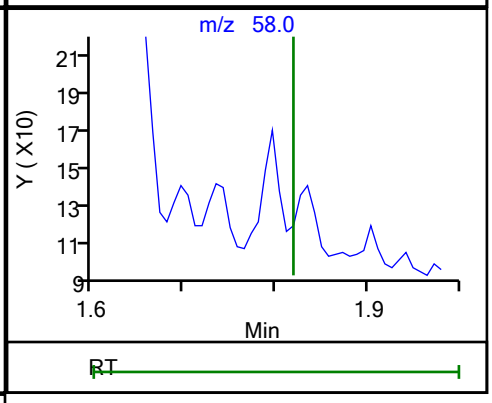
2 1,4-Dioxane, CAS: 123-91-1

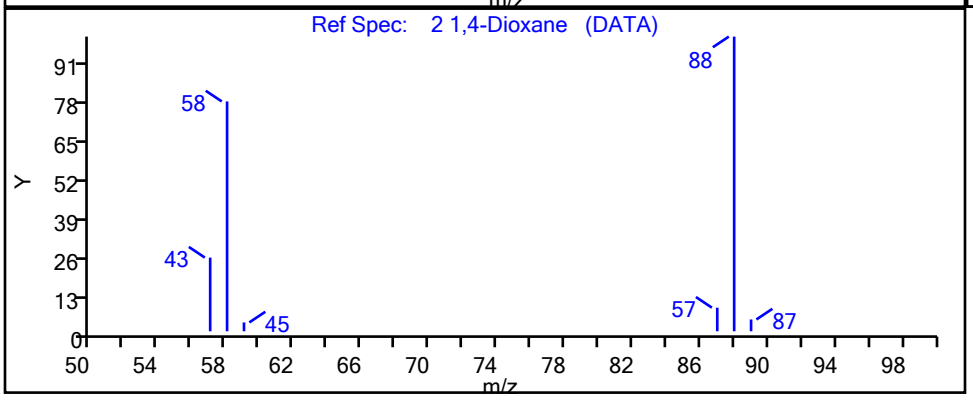
Processing Results











RT	Mass	Response	Amount
1.60	88.00	11551	1.313496
1.60	58.00	3778	

Reviewer: zhaoc, 30-Apr-2021 12:12:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: TW-05_20210427 Lab Sample ID: 460-233064-2

Matrix: Water Lab File ID: h265172.d

Analysis Method: 8270E SIM ID Date Collected: 04/27/2021 11:33

Extract. Method: 3510C Date Extracted: 04/29/2021 09:51

Sample wt/vol: 250(mL) Date Analyzed: 04/30/2021 12:12

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774965 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	41		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265172.d
Lims ID: 460-233064-E-2-A
Client ID: TW-05_20210427
Sample Type: Client
Inject. Date: 30-Apr-2021 12:12:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127871-022
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 30-Apr-2021 12:27:47 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: zhaoc Date: 30-Apr-2021 12:27:47

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	%Rec	Flags
D	1 1,4-Dioxane-d8	96	1.795	1.794	-0.001	11	26629	1.65	41.1	
*	4 1,4-Dichlorobenzene-d4	150	5.440	5.444	-0.004	1	18161	0.2000		

QC Flag Legend

Processing Flags

Reagents:

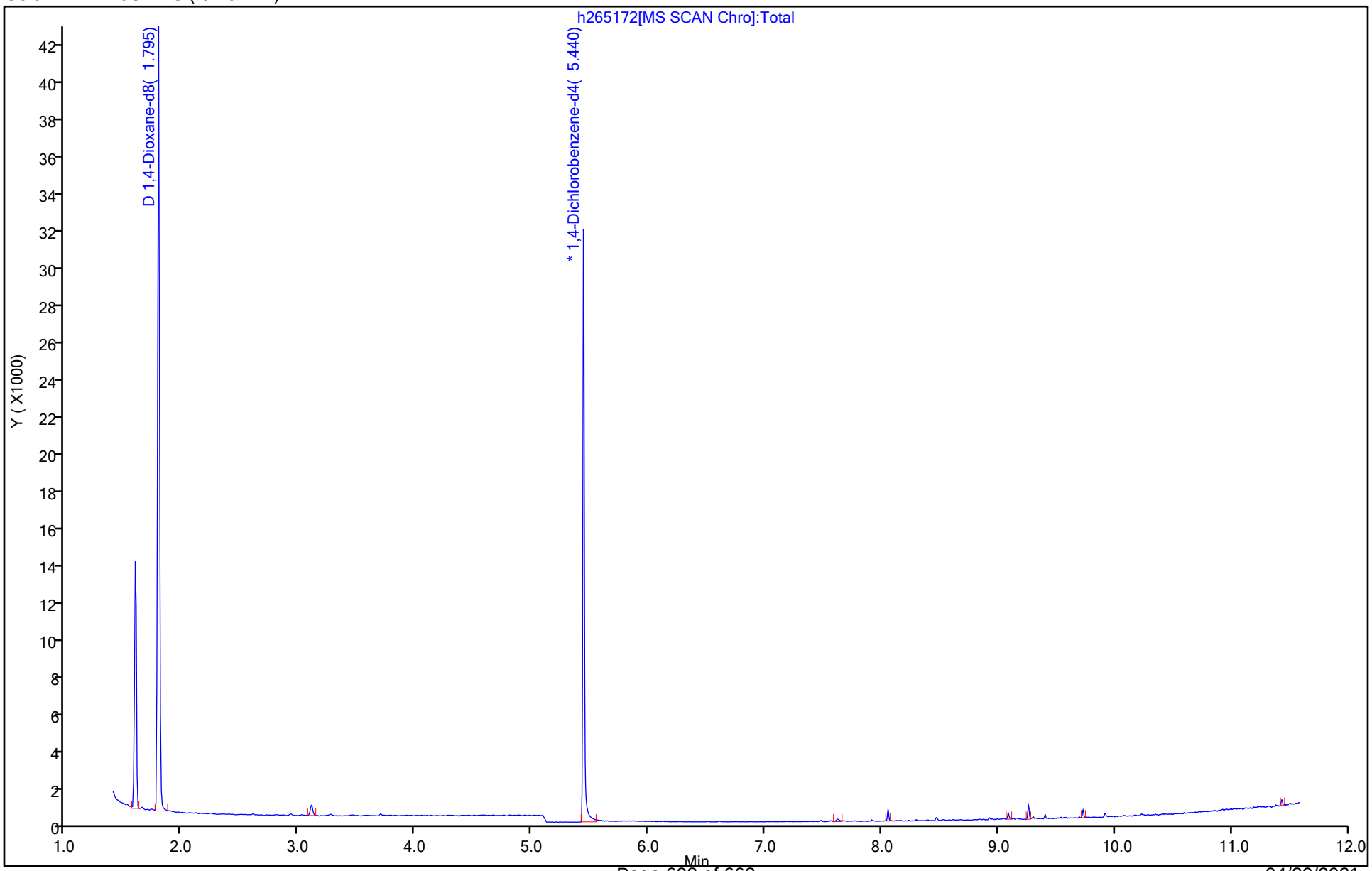
SM_iso_d4istd_00008 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 30-Apr-2021 12:27:52 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265172.d				
Injection Date:	30-Apr-2021 12:12:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	460-233064-E-2-A	Lab Sample ID:	460-233064-2	Worklist Smp#:	22
Client ID:	TW-05_20210427				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

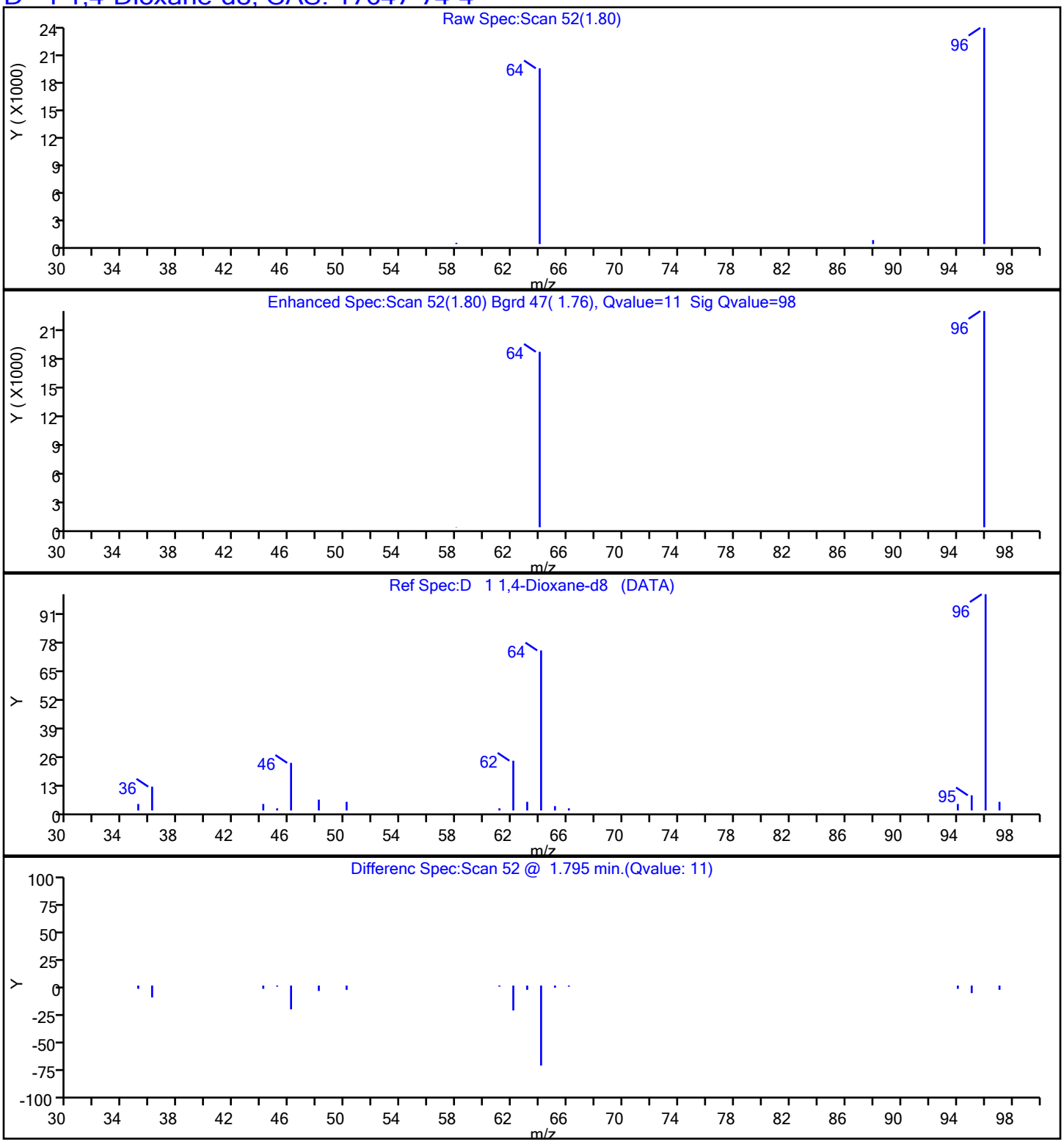
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265172.d		
Injection Date:	30-Apr-2021 12:12:30	Instrument ID:	CBNAMS9
Lims ID:	460-233064-E-2-A	Lab Sample ID:	460-233064-2
Client ID:	TW-05_20210427		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 22
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

D 1 1,4-Dioxane-d8, CAS: 17647-74-4



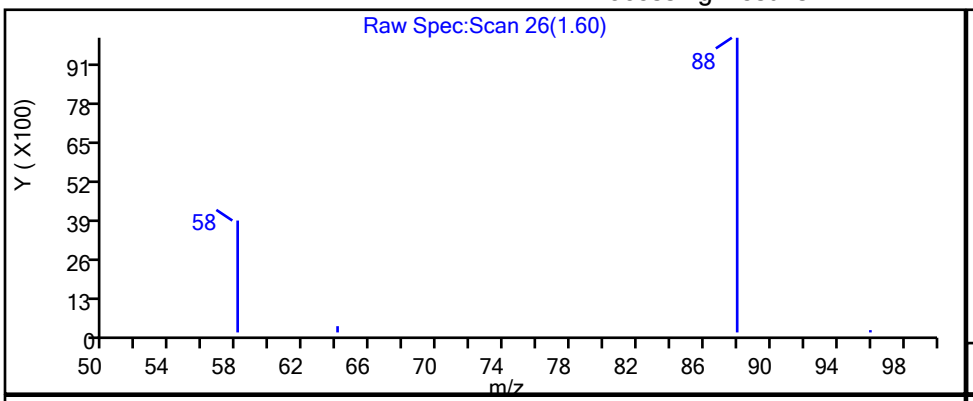
User Disabled Compound Report

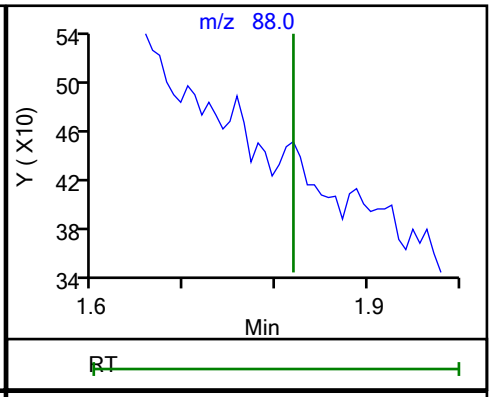
Eurofins TestAmerica, Edison

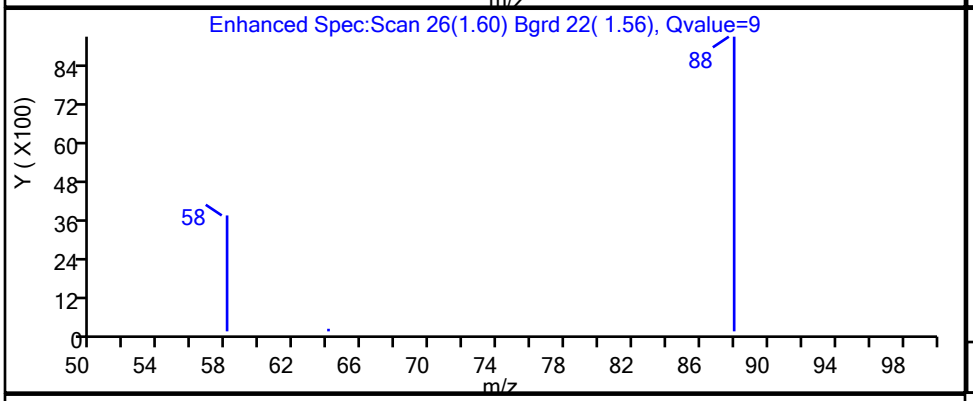
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265172.d				
Injection Date:	30-Apr-2021 12:12:30	Instrument ID:	CBNAMS9		
Lims ID:	460-233064-E-2-A	Lab Sample ID:	460-233064-2		
Client ID:	TW-05_20210427				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

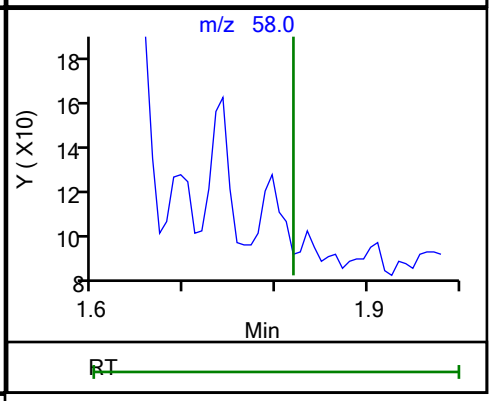
2 1,4-Dioxane, CAS: 123-91-1

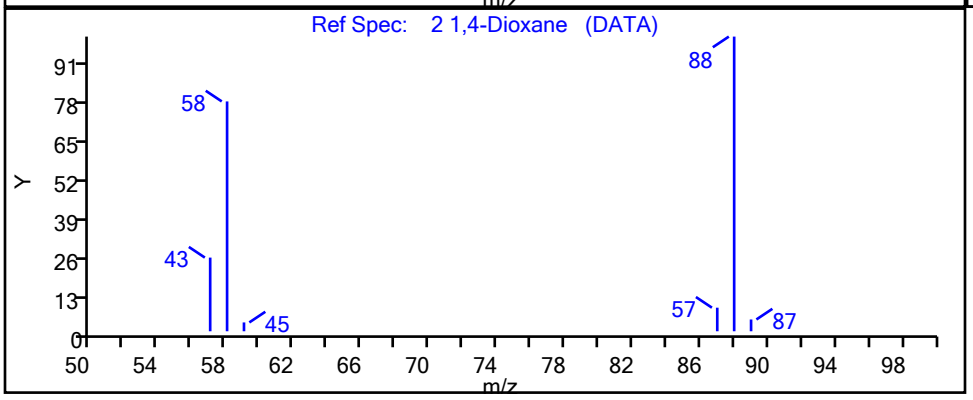
Processing Results











RT	Mass	Response	Amount
1.60	88.00	11516	1.370151
1.60	58.00	3784	

Reviewer: zhaoc, 30-Apr-2021 12:27:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 736984

SDG No.:

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2020 09:01 Calibration End Date: 11/03/2020 11:09 Calibration ID: 82658

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-736984/10	h260963.d
Level 2	STD2 460-736984/9	h260962.d
Level 3	STD3 460-736984/8	h260961.d
Level 4	STD4 460-736984/7	h260960.d
Level 5	ICIS 460-736984/2	h260955.d
Level 6	STD6 460-736984/6	h260959.d
Level 7	STD7 460-736984/5	h260958.d
Level 8	STD8 460-736984/4	h260957.d
Level 9	STD9 460-736984/3	h260956.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	1.2638 1.2129	1.2366 1.2498	1.3261 1.2084	1.2426 1.2607	1.3618	AveID		1.2625				4.0		50.0			
1,4-Dioxane-d8	0.1833 0.1824	0.1827 0.1842	0.1768 0.1798	0.1833 0.1615	0.1697	Ave		0.1782				4.4		50.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1 Analy Batch No.: 736984

SDG No.:

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2020 09:01 Calibration End Date: 11/03/2020 11:09 Calibration ID: 82658

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-736984/10	h260963.d
Level 2	STD2 460-736984/9	h260962.d
Level 3	STD3 460-736984/8	h260961.d
Level 4	STD4 460-736984/7	h260960.d
Level 5	ICIS 460-736984/2	h260955.d
Level 6	STD6 460-736984/6	h260959.d
Level 7	STD7 460-736984/5	h260958.d
Level 8	STD8 460-736984/4	h260957.d
Level 9	STD9 460-736984/3	h260956.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane		AveID	347	696	1855	3663	9080	0.0200	0.0400	0.100	0.200	0.500
			16873	34852	182323	1536864		1.00	2.00	10.0	100	
1,4-Dioxane-d8	DCBd4	Ave	54915	56285	55955	58957	53340	4.00	4.00	4.00	4.00	4.00
			55643	55772	60352	48762		4.00	4.00	4.00	4.00	

Curve Type Legend

Ave = Average ISTD
AveID = Average isotope dilution

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260955.d
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 03-Nov-2020 09:01:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-002
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_lso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_lso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:13 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 09:42:43

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	9	53340	4.00	3.81	
	2 1,4-Dioxane	88	2.150	2.150	0.000	20	9080	0.5000	0.5393	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	15716	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL5_00007 Amount Added: 1.00 Units: mL

Report Date: 03-Nov-2020 11:58:13 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260955.d

Injection Date: 03-Nov-2020 09:01:30 Instrument ID: CBNAMS9 Operator ID:

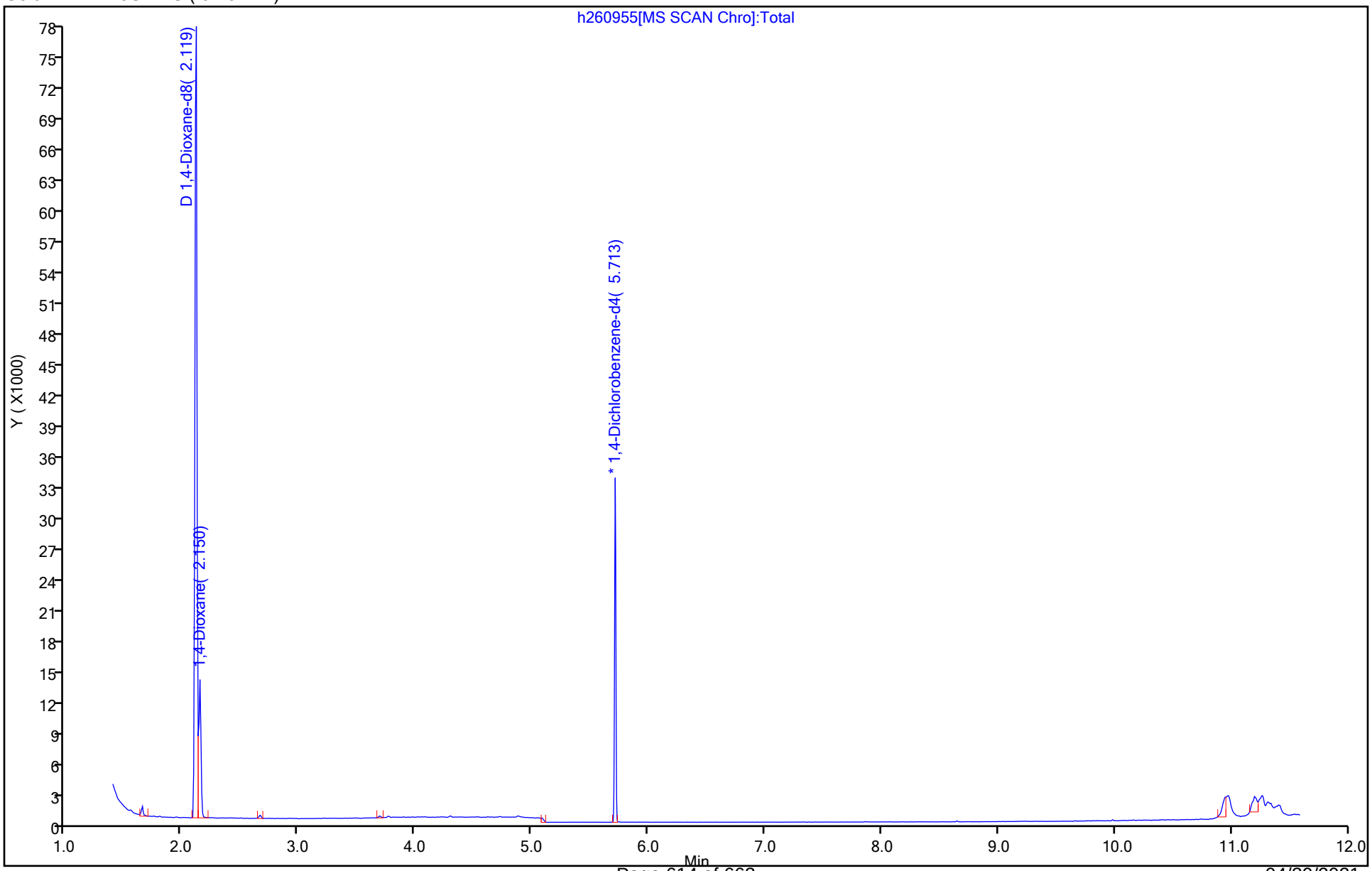
Lims ID: icis Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_Iso Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260956.d
Lims ID: STD9
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 03-Nov-2020 09:17:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-003
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:14 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 09:42:52

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.111	2.119	-0.008	1	48762	4.00	3.62	
	2 1,4-Dioxane	88	2.134	2.150	-0.016	21	1536864	100.0	99.9	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	15099	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL9_00001 Amount Added: 1.00 Units: mL

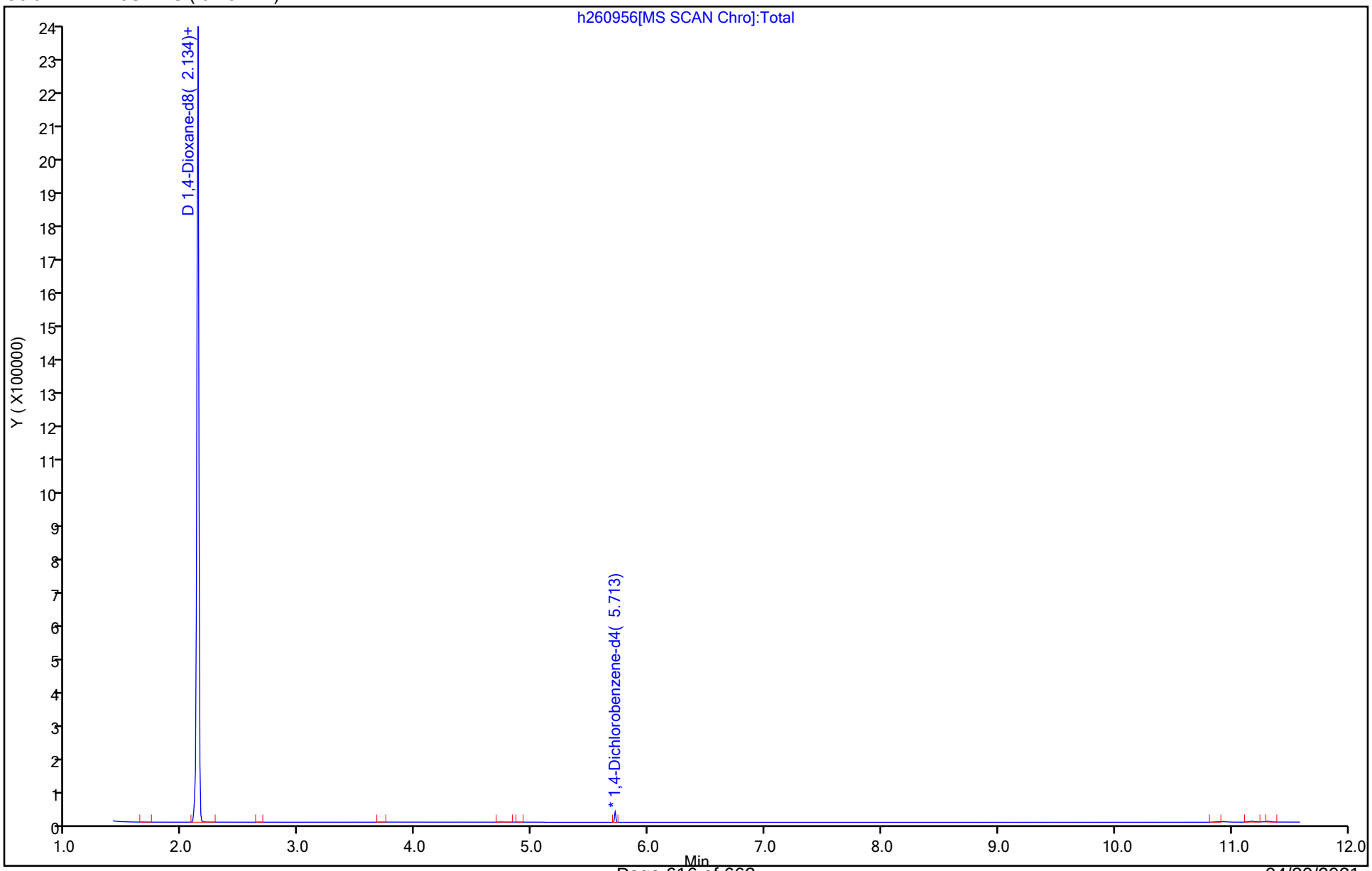
Report Date: 03-Nov-2020 11:58:14 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260956.d

Injection Date:	03-Nov-2020 09:17:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD9			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260957.d
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 03-Nov-2020 09:33:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-004
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:15 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 10:05:27

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	12	60352	4.00	4.04	
	2 1,4-Dioxane	88	2.150	2.150	0.000	17	182323	10.0	9.57	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	16786	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL8_00006 Amount Added: 1.00 Units: mL

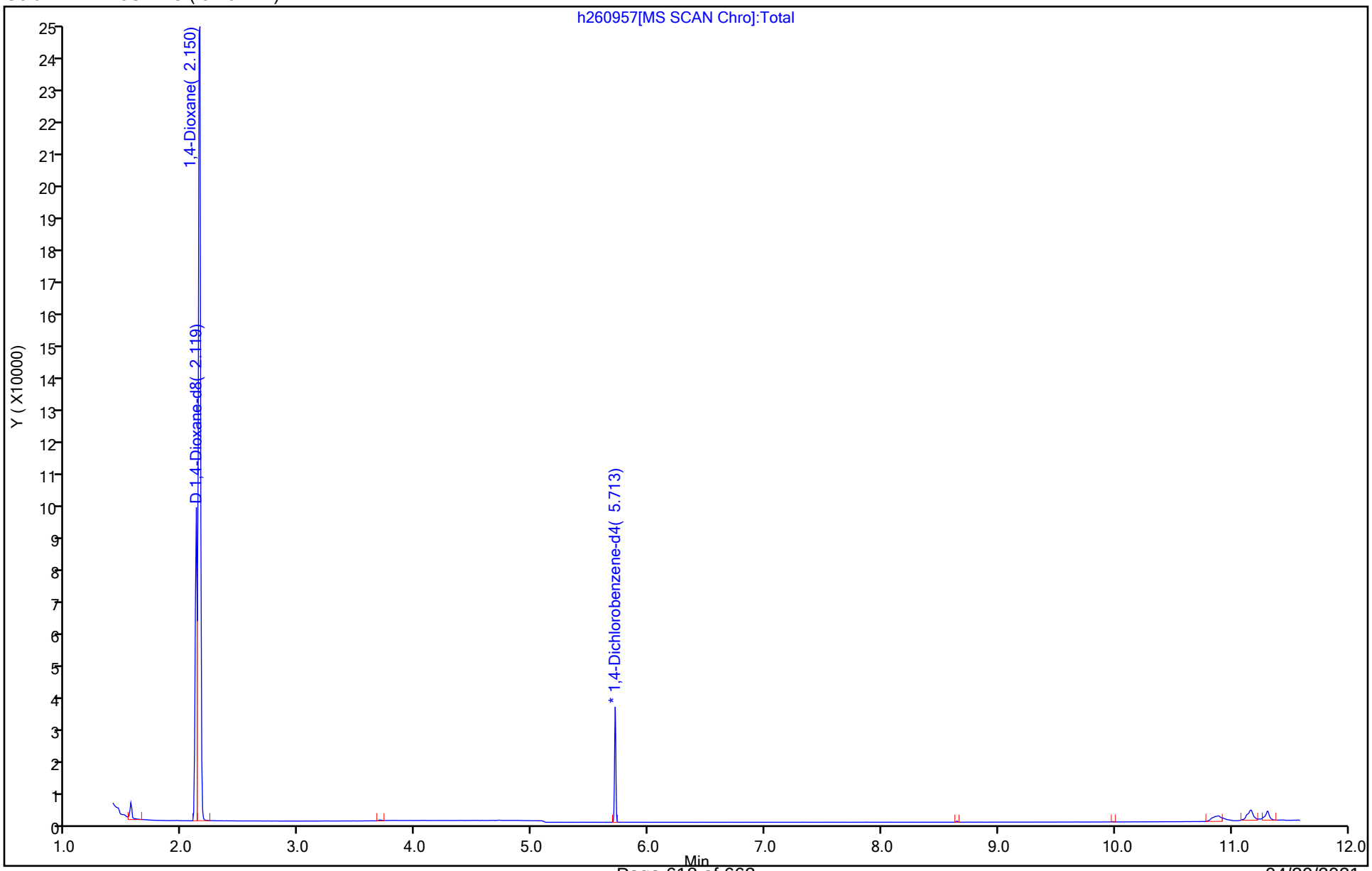
Report Date: 03-Nov-2020 11:58:15 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260957.d

Injection Date:	03-Nov-2020 09:33:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD8			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260958.d
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 03-Nov-2020 09:49:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-005
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:15 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 10:29:26

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	9	55772	4.00	4.14	
	2 1,4-Dioxane	88	2.150	2.150	0.000	20	34852	2.00	1.98	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	15136	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL7_00006 Amount Added: 1.00 Units: mL

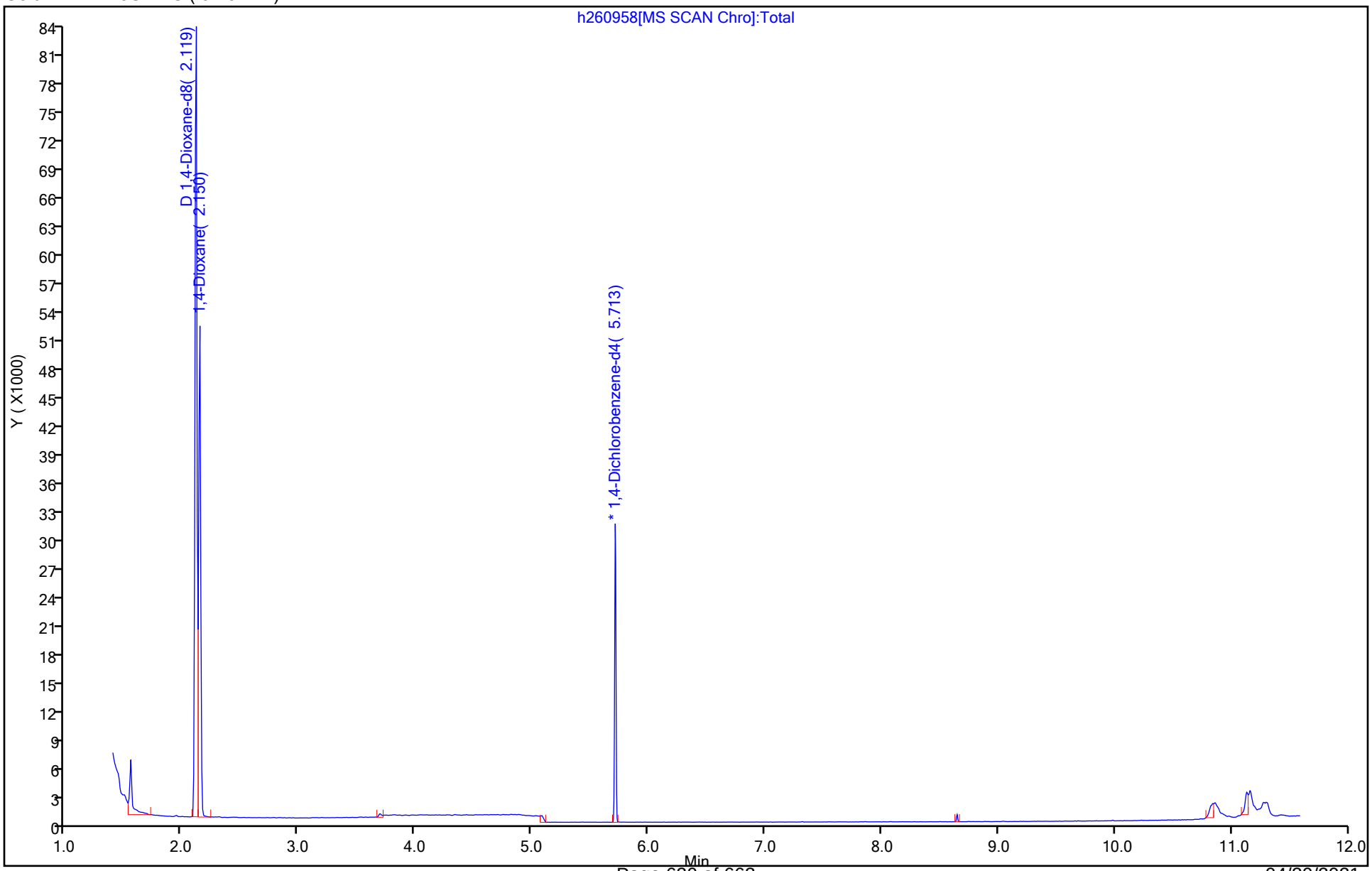
Report Date: 03-Nov-2020 11:58:15 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260958.d

Injection Date:	03-Nov-2020 09:49:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260959.d
Lims ID: STD6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 03-Nov-2020 10:05:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-006
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:15 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 10:29:35

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	13	55643	4.00	4.10	
	2 1,4-Dioxane	88	2.150	2.150	0.000	18	16873	1.00	0.9607	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	15250	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL6_00007 Amount Added: 1.00 Units: mL

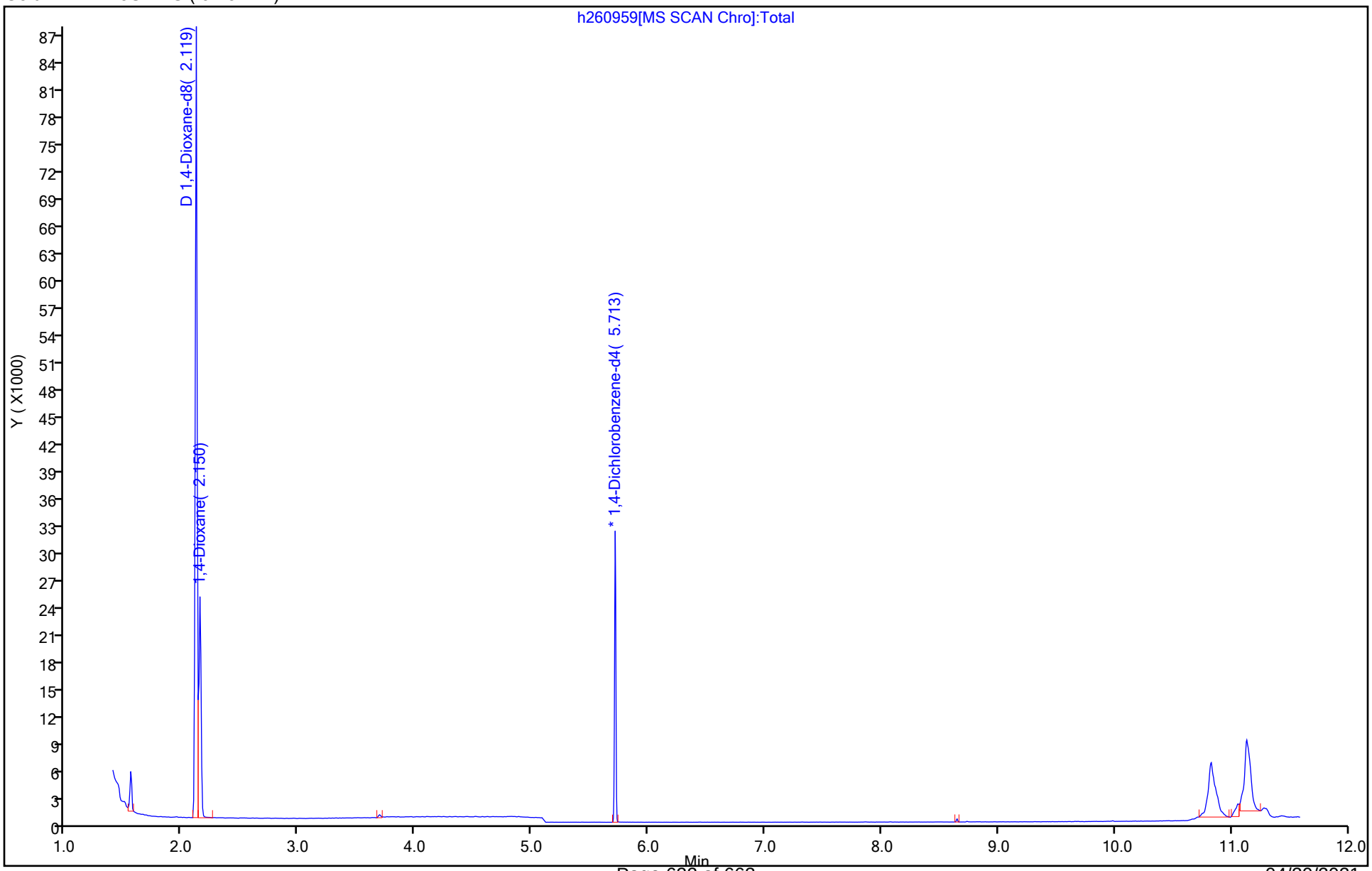
Report Date: 03-Nov-2020 11:58:15 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260959.d

Injection Date:	03-Nov-2020 10:05:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD6			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260960.d
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Nov-2020 10:21:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-007
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:16 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 11:15:45

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	8	58957	4.00	4.11	
	2 1,4-Dioxane	88	2.158	2.150	0.008	20	3663	0.2000	0.1968	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	16083	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL4_00006 Amount Added: 1.00 Units: mL

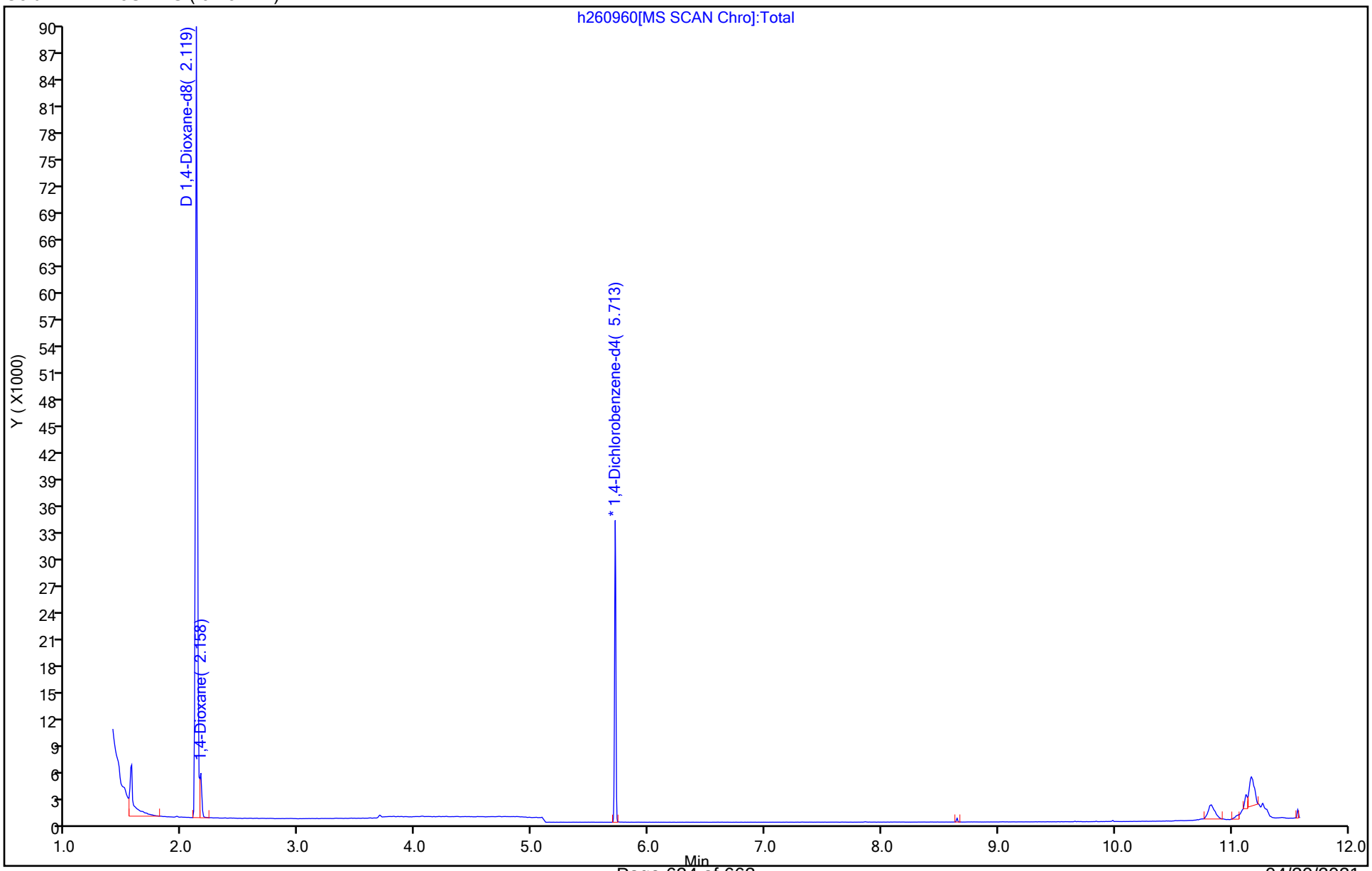
Report Date: 03-Nov-2020 11:58:16 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260960.d

Injection Date:	03-Nov-2020 10:21:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260961.d
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Nov-2020 10:37:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-008
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:16 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 11:15:50

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	10	55955	4.00	3.97	
	2 1,4-Dioxane	88	2.158	2.158	0.000	14	1855	0.1000	0.1050	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	15822	0.2000	0.2000	

QC Flag Legend

Processing Flags

Reagents:

SM_ISOTOPL3_00006 Amount Added: 1.00 Units: mL

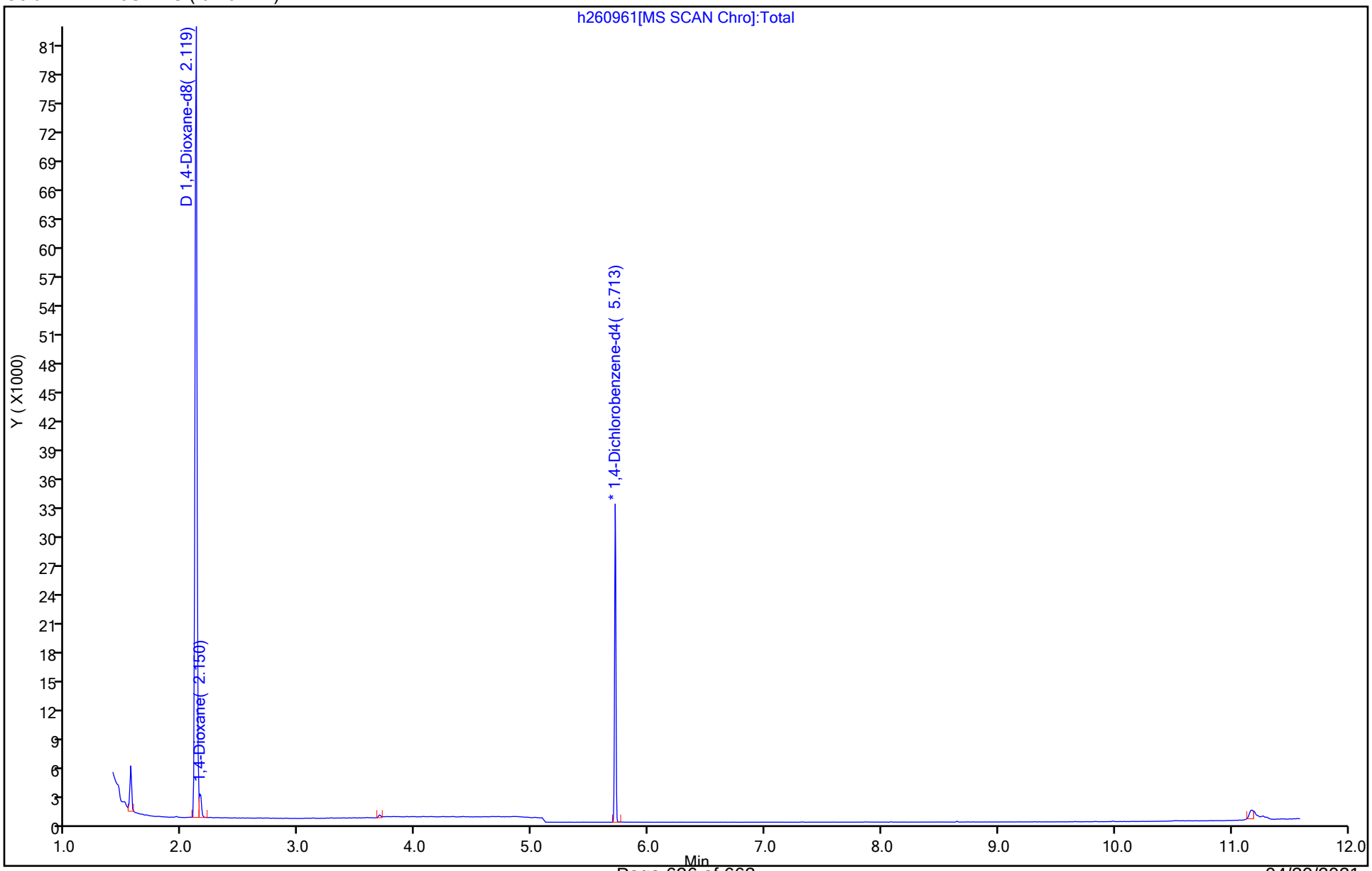
Report Date: 03-Nov-2020 11:58:16 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260961.d

Injection Date:	03-Nov-2020 10:37:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD3			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260962.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 03-Nov-2020 10:53:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-009
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:16 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: nimerd Date: 03-Nov-2020 11:12:07

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	10	56285	4.00	4.10	
	2 1,4-Dioxane	88	2.158	2.158	0.000	19	696	0.0400	0.0392	M
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	15406	0.2000	0.2000	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

SM_ISOTOPL2_00006 Amount Added: 1.00 Units: mL

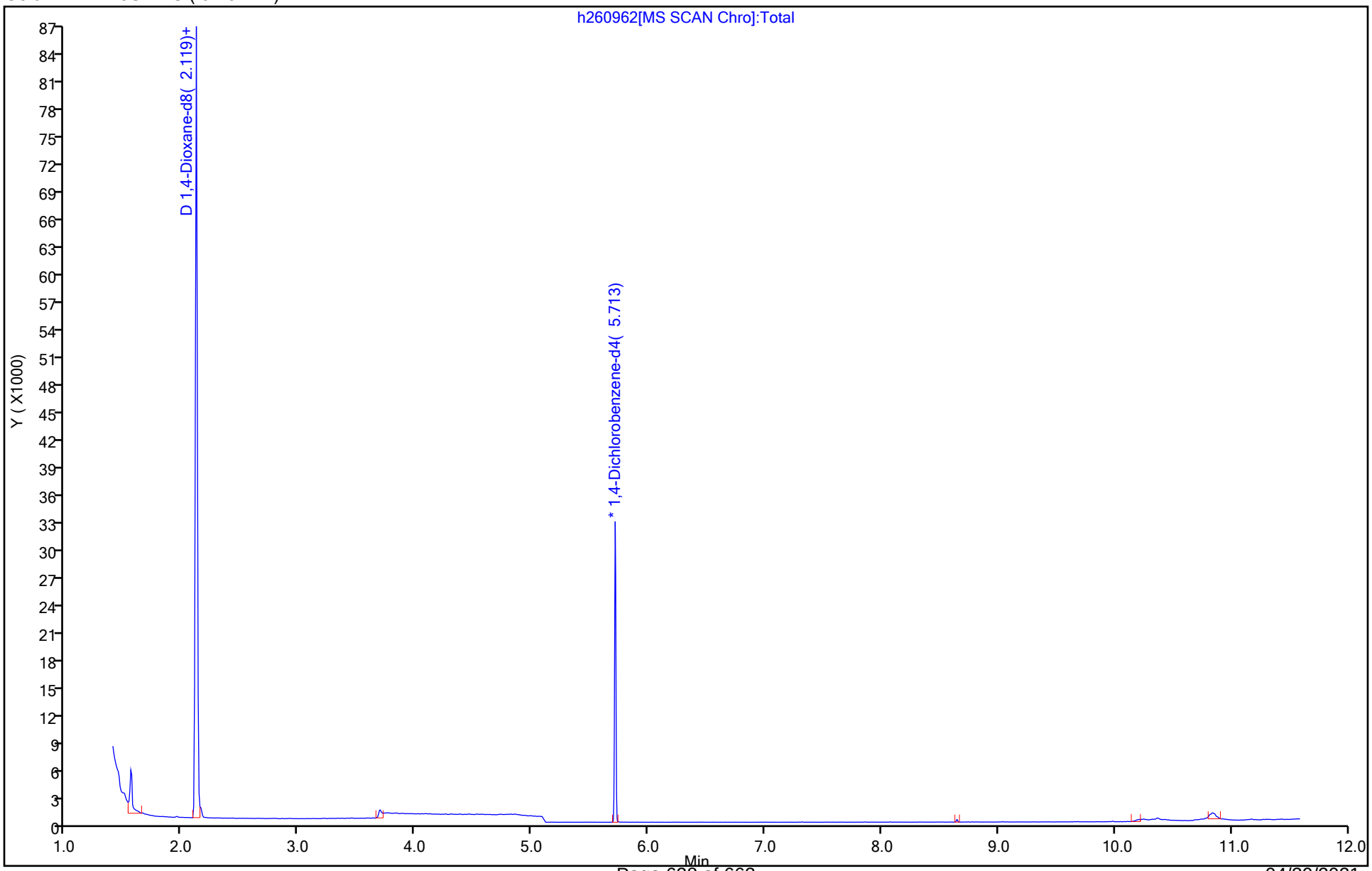
Report Date: 03-Nov-2020 11:58:17 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260962.d

Injection Date:	03-Nov-2020 10:53:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

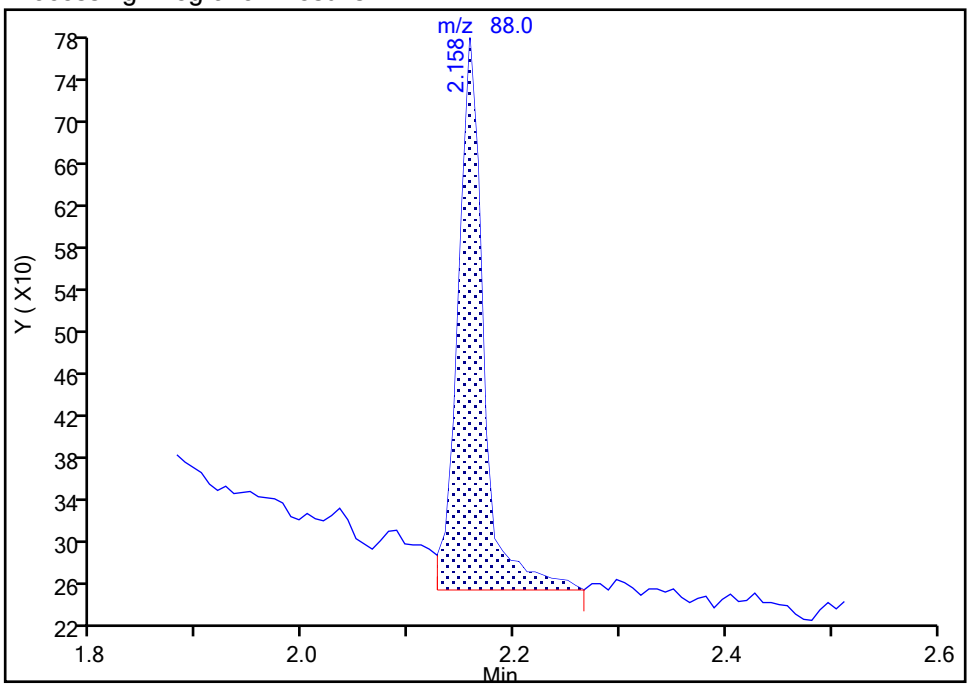
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260962.d				
Injection Date:	03-Nov-2020 10:53:30	Instrument ID:	CBNAMS9		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

2 1,4-Dioxane, CAS: 123-91-1

Signal: 1

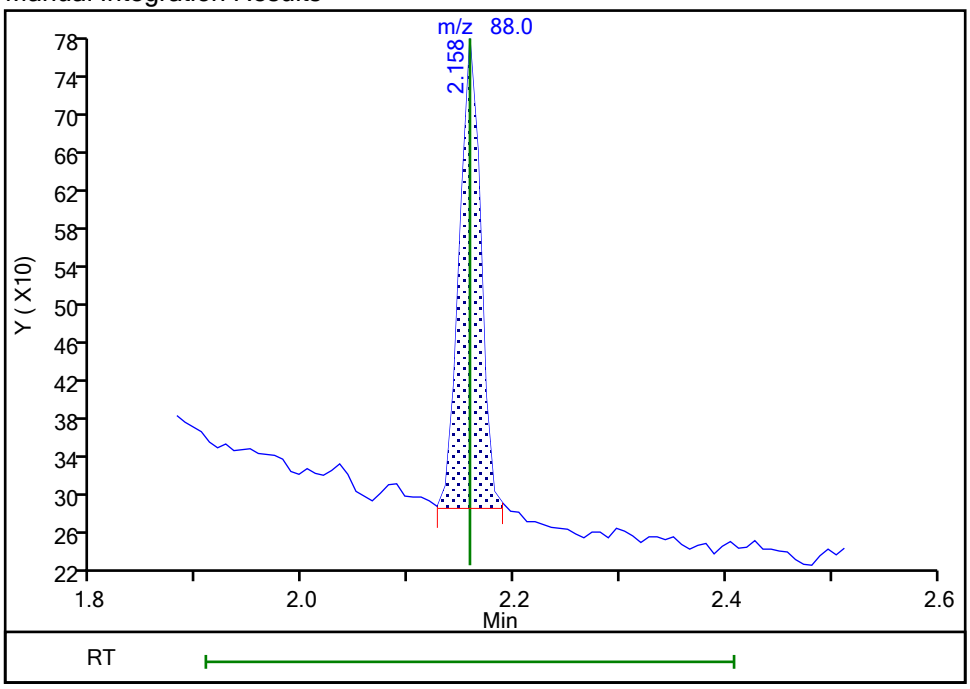
Processing Integration Results

RT: 2.16
Area: 888
Amount: 0.048358
Amount Units: ug/ml



Manual Integration Results

RT: 2.16
Area: 696
Amount: 0.039178
Amount Units: ug/ml



Reviewer: nimerd, 03-Nov-2020 11:11:44

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Nov-2020 11:09:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-010
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_lso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_lso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:17 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 11:56:25

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	9	54915	4.00	4.11	
	2 1,4-Dioxane	88	2.158	2.158	0.000	21	347	0.0200	0.0200	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	14981	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL1_00007 Amount Added: 1.00 Units: mL

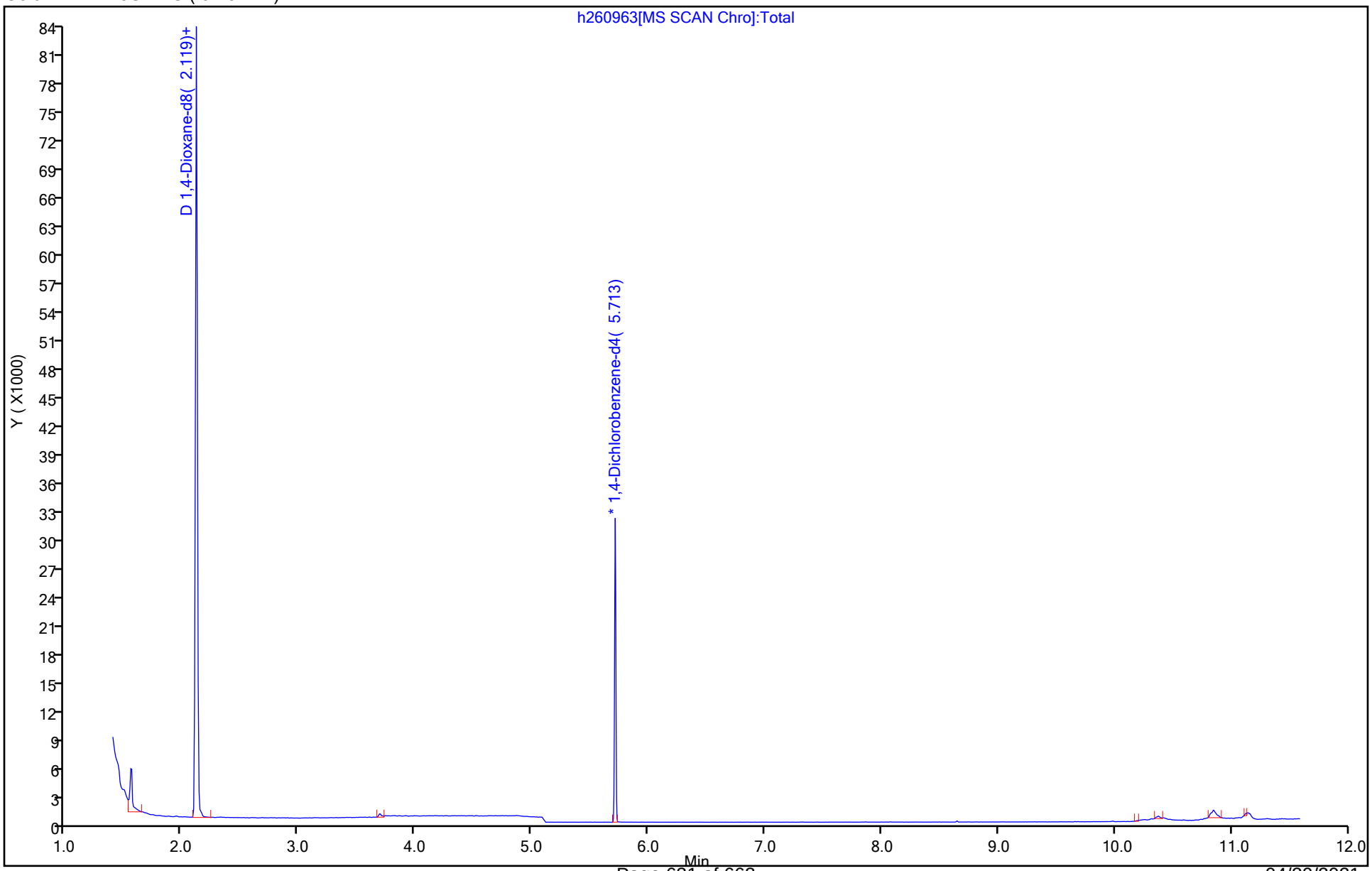
Report Date: 03-Nov-2020 11:58:17 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Injection Date:	03-Nov-2020 11:09:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	10
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

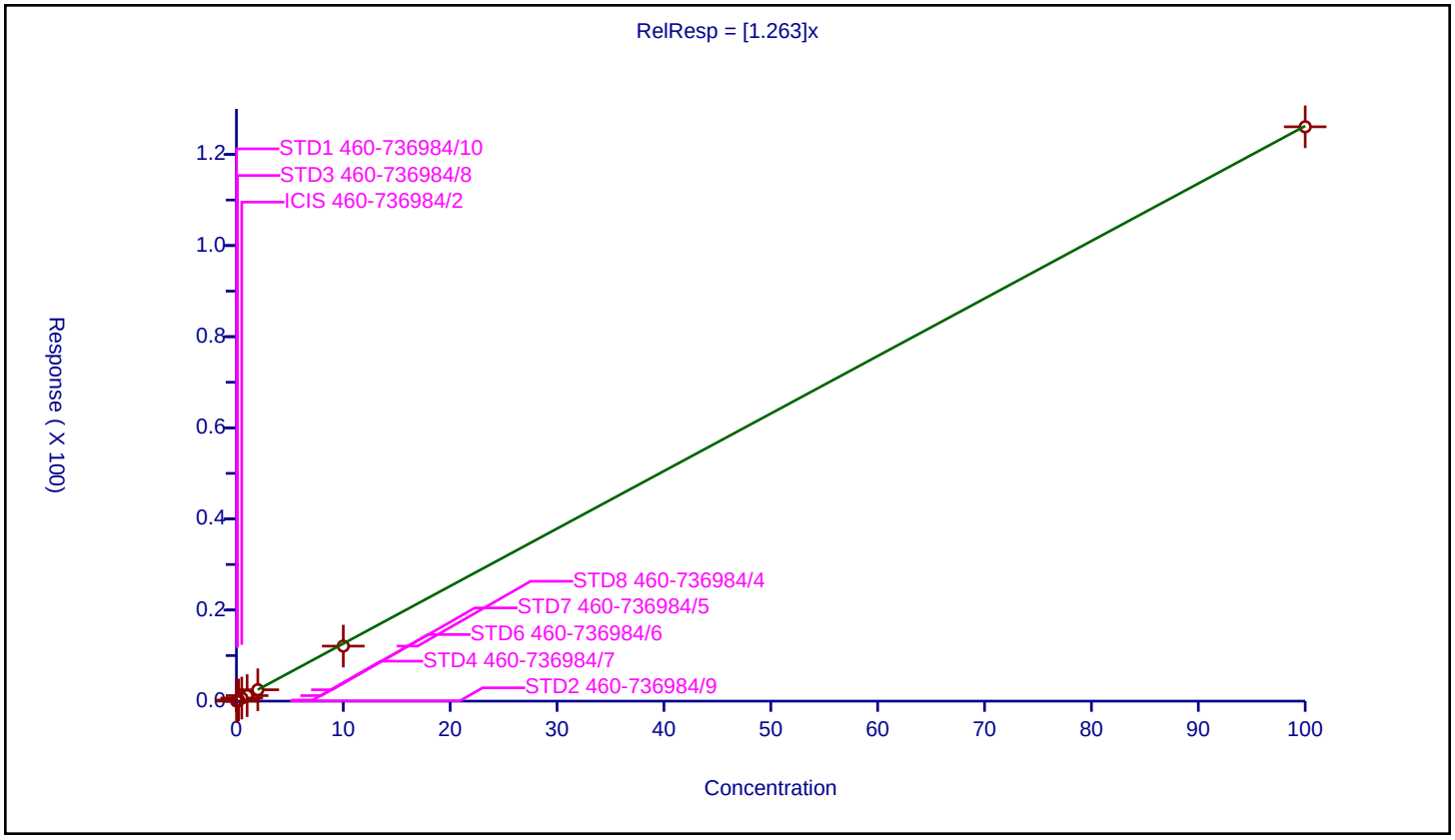
Curve Coefficients

Intercept:	0
Slope:	1.263

Error Coefficients

Standard Error:	547000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-736984/10	0.02	0.025275	4.0	54915.0	1.263771	Y
2	STD2 460-736984/9	0.04	0.049463	4.0	56285.0	1.236564	Y
3	STD3 460-736984/8	0.1	0.132607	4.0	55955.0	1.326066	Y
4	STD4 460-736984/7	0.2	0.24852	4.0	58957.0	1.242601	Y
5	ICIS 460-736984/2	0.5	0.680915	4.0	53340.0	1.36183	Y
6	STD6 460-736984/6	1.0	1.212947	4.0	55643.0	1.212947	Y
7	STD7 460-736984/5	2.0	2.499606	4.0	55772.0	1.249803	Y
8	STD8 460-736984/4	10.0	12.083974	4.0	60352.0	1.208397	Y
9	STD9 460-736984/3	100.0	126.070629	4.0	48762.0	1.260706	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: ICV 460-736984/11 Calibration Date: 11/03/2020 11:25

Instrument ID: CBNAMS9 Calib Start Date: 11/03/2020 09:01

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/03/2020 11:09

Lab File ID: h260964.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	AveID	1.263	1.097		174	200	-13.1	30.0
1,4-Dioxane-d8	Ave	0.1782	0.1900		4270	4000	6.7	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260964.d
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 03-Nov-2020 11:25:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-011
Operator ID: Instrument ID: CBNAMS9
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 12:03:21 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 12:03:51

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	6	67068	4.00	4.27	
	2 1,4-Dioxane	88	2.150	2.158	-0.008	19	3680	0.2000	0.1738	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	17646	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMICV_LVI_00031 Amount Added: 1.00 Units: mL

Report Date: 03-Nov-2020 12:03:51 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260964.d

Injection Date: 03-Nov-2020 11:25:30 Instrument ID: CBNAMS9 Operator ID:

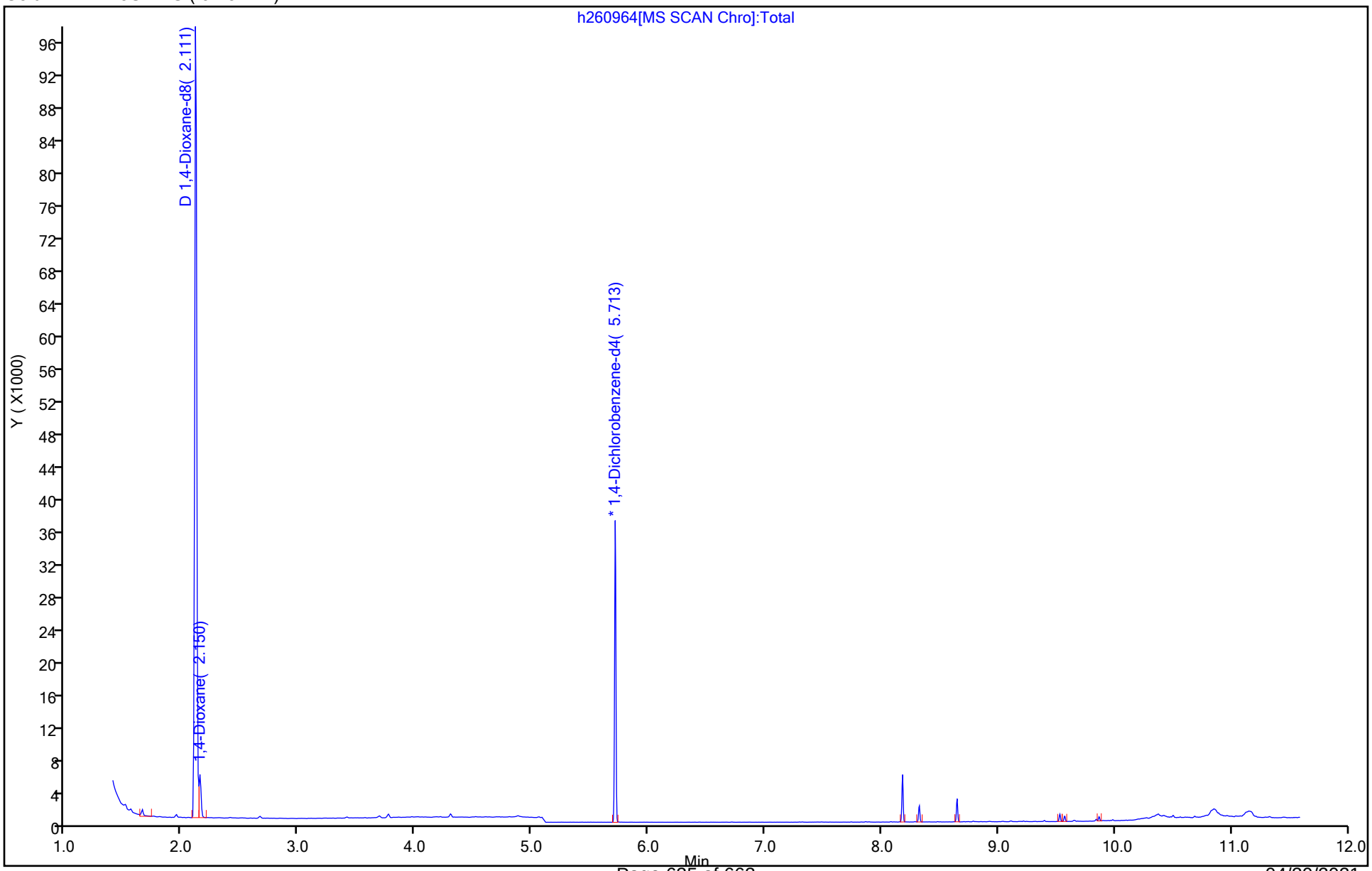
Lims ID: icv Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270_Iso Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Lab Sample ID: CCVIS 460-774965/2 Calibration Date: 04/30/2021 06:52

Instrument ID: CBNAMS9 Calib Start Date: 11/03/2020 09:01

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/03/2020 11:09

Lab File ID: h265152.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	AveID	1.263	1.300		515	500	3.0	20.0
1,4-Dioxane-d8	Ave	0.1782	0.1804		4050	4000	1.2	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265152.d
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Apr-2021 06:52:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127871-002
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 30-Apr-2021 12:29:11 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: zhaoc Date: 30-Apr-2021 12:29:11

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	1.796	1.796	0.000	8	69146	4.00	4.05	
	2 1,4-Dioxane	88	1.819	1.819	0.000	14	11235	0.5000	0.5148	
*	4 1,4-Dichlorobenzene-d4	150	5.444	5.444	0.000	1	19169	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL5_00008 Amount Added: 1.00 Units: mL

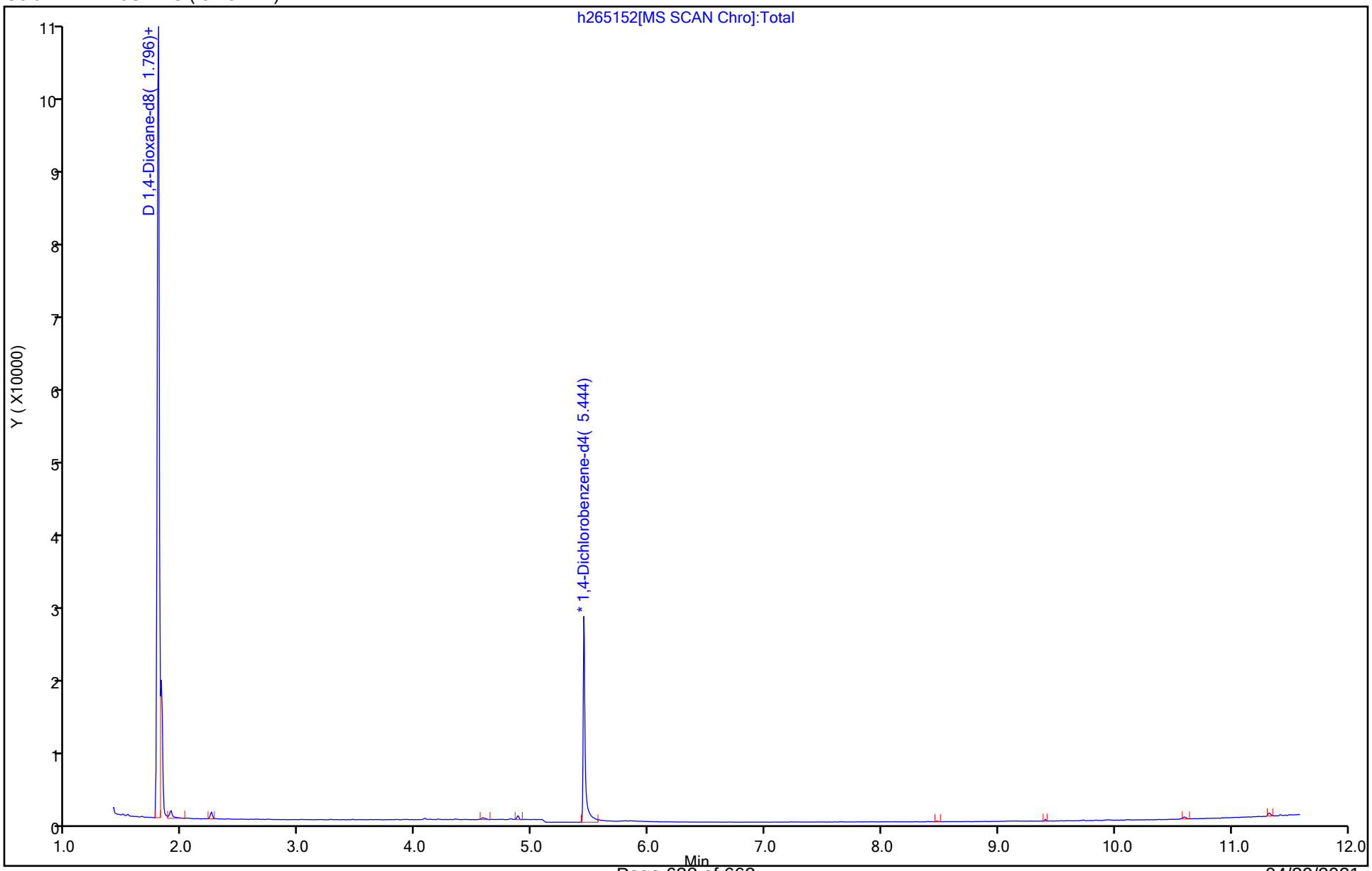
Report Date: 30-Apr-2021 12:29:12 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265152.d

Injection Date:	30-Apr-2021 06:52:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260954.d				
Lims ID:	DFTPP				
Client ID:					
Sample Type:	DFTPP				
Inject. Date:	03-Nov-2020 08:50:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0119507-001				
Operator ID:		Instrument ID:	CBNAMS9		
Method:	\\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m				
Limit Group:	MSS 8270 Isotope Dilution IS				
Last Update:	03-Nov-2020 12:05:13	Calib Date:	03-Nov-2020 11:09:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Isotopic Dilution	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1685				
First Level Reviewer: johnstonm1		Date:	03-Nov-2020 12:05:13		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

3 DFTPP

QC Flag Legend

Processing Flags

Reagents:

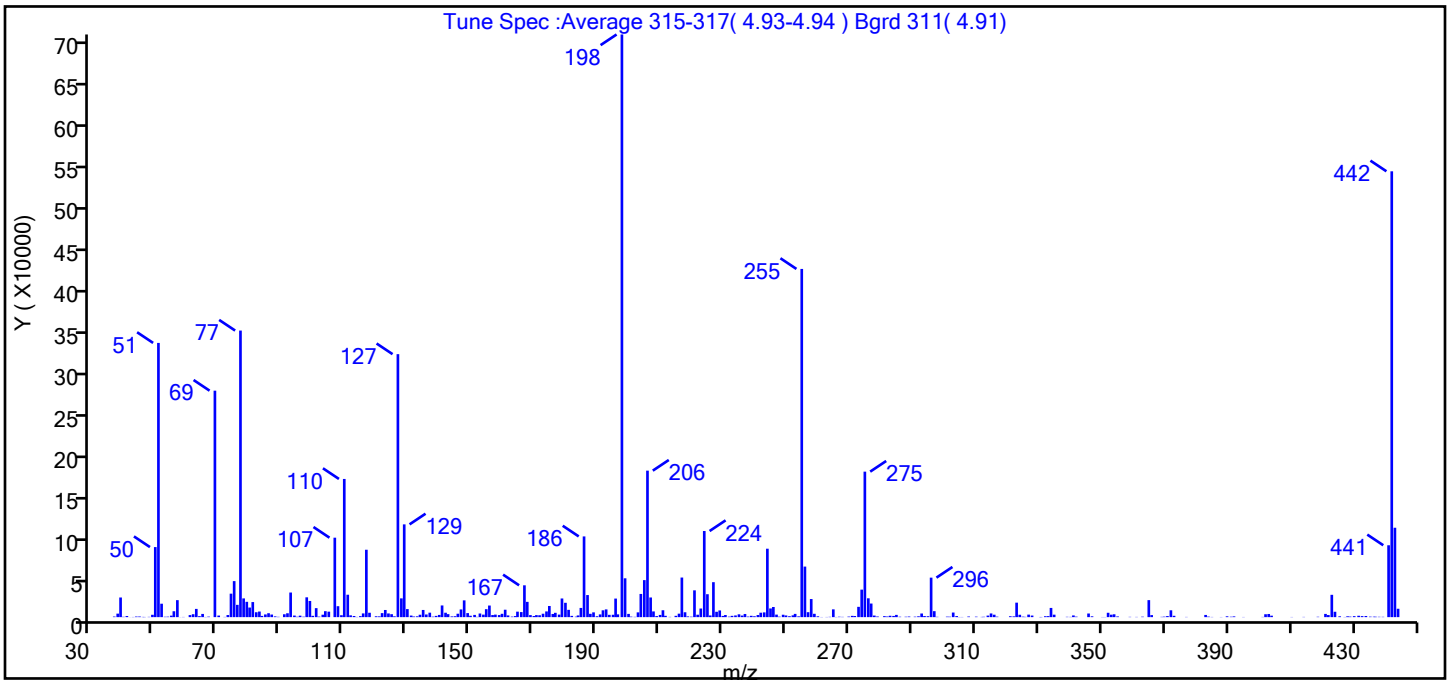
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260954.d
Injection Date: 03-Nov-2020 08:50:30 Instrument ID: CBNAMS9
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_Iso Limit Group: MSS 8270 Isotope Dilution IS
Tune Method: DFTPP Method 8270E, BP 198

3 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.0 (0.0)
69	Present	38.9
70	<2% of m/z 69	0.3 (0.7)
197	<2% of m/z 198	0.5
199	5-9% of m/z 198	6.7
365	>1% of m/z 198	2.9
441	<150% of m/z 443	12.3 (80.4)
442	Present	76.5
443	15-24% of m/z 442	15.3 (20.1)

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260954.d\8270_Iso.rslt\spectra.d
Injection Date: 03-Nov-2020 08:50:30
Spectrum: Tune Spec :Average 315-317(4.93-4.94) Bgrd 311(4.91)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 337

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	724	128.00	22864	213.00	304	306.00	213
38.00	4281	129.00	113000	215.00	1606	308.00	753
39.00	23936	130.00	9812	216.00	4232	310.00	599
40.00	437	131.00	1920	217.00	48240	312.00	286
41.00	1360	132.00	779	218.00	5941	313.00	427
42.00	82	133.00	997	219.00	902	314.00	1898
43.00	226	134.00	2932	220.00	554	315.00	4507
44.00	731	135.00	8753	221.00	32640	316.00	2955
45.00	767	136.00	3235	222.00	2947	317.00	597
46.00	278	137.00	5437	223.00	10516	321.00	1100
47.00	227	138.00	582	224.00	104904	322.00	920
48.00	340	139.00	1536	225.00	27928	323.00	17640
49.00	2873	140.00	2692	226.00	2033	324.00	2900
50.00	85336	141.00	14237	227.00	42584	325.00	599
51.00	334016	142.00	5377	228.00	6527	326.00	338
52.00	16354	143.00	3646	229.00	8162	327.00	3074
53.00	475	144.00	900	230.00	1498	328.00	1935
54.00	594	145.00	1116	231.00	2570	331.00	213
55.00	1827	146.00	4166	232.00	612	331.00	203
56.00	7185	147.00	9375	233.00	1585	332.00	1100
57.00	20696	148.00	20440	234.00	2067	333.00	1238
58.00	109	149.00	4929	235.00	3441	334.00	11224
59.00	237	150.00	1703	236.00	1924	335.00	2999
61.00	2498	151.00	2721	237.00	3855	339.00	397
62.00	3556	152.00	362	238.00	697	340.00	312
63.00	10036	153.00	4425	239.00	1633	341.00	2084
64.00	1198	154.00	3060	240.00	1065	342.00	610
65.00	3922	155.00	9690	241.00	2576	346.00	4432
66.00	215	156.00	14136	242.00	5401	347.00	1005
67.00	628	157.00	2558	243.00	5797	350.00	200
69.00	275840	158.00	3084	244.00	83352	351.00	189
70.00	1914	159.00	2514	245.00	10595	352.00	5319
72.00	261	160.00	4060	246.00	12356	353.00	2982

Report Date: 03-Nov-2020 12:05:13 Chrom Revision: 2.3 14-Oct-2020 14:51:38
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260954.d\8270_Iso.rslt\spectra.d
Injection Date: 03-Nov-2020 08:50:30
Spectrum: Tune Spec :Average 315-317(4.93-4.94) Bgrd 311(4.91)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 337

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	2555	161.00	9037	247.00	3078	354.00	3473
74.00	28592	162.00	2102	248.00	597	355.00	851
75.00	43880	163.00	667	249.00	2935	359.00	352
76.00	14973	164.00	1298	250.00	2043	361.00	278
77.00	349056	165.00	6677	251.00	1125	363.00	552
78.00	22824	166.00	6172	252.00	2192	365.00	20720
79.00	18664	167.00	38776	253.00	3971	366.00	2487
80.00	11702	168.00	18616	254.00	955	369.00	357
81.00	18352	169.00	2488	255.00	424128	370.00	597
82.00	5959	170.00	1357	256.00	61576	371.00	1306
83.00	6841	171.00	2472	257.00	6023	372.00	8331
84.00	1519	172.00	2299	258.00	22048	373.00	1635
85.00	3295	173.00	4162	259.00	4074	377.00	264
86.00	4775	174.00	6971	260.00	1023	383.00	2676
87.00	3158	175.00	13588	261.00	191	384.00	679
88.00	921	176.00	3883	263.00	222	385.00	249
89.00	384	177.00	5281	264.00	373	388.00	191
91.00	3509	178.00	3090	265.00	9495	390.00	1023
92.00	4720	179.00	22736	266.00	211	391.00	508
93.00	29984	180.00	17472	267.00	515	392.00	914
94.00	1930	181.00	8905	268.00	326	395.00	214
95.00	482	182.00	1549	270.00	670	401.00	272
96.00	1793	184.00	574	271.00	1556	402.00	3527
97.00	548	184.00	2077	272.00	1361	403.00	3853
98.00	24136	185.00	11222	273.00	12553	404.00	1785
99.00	19696	186.00	98320	274.00	33520	410.00	218
100.00	1603	187.00	26904	275.00	177216	414.00	278
101.00	10962	188.00	4051	276.00	22960	419.00	459
102.00	626	189.00	5828	277.00	16568	421.00	3930
103.00	2955	190.00	1080	278.00	1922	422.00	2539
104.00	7258	191.00	3320	279.00	797	423.00	27192
105.00	6673	192.00	8331	281.00	1210	424.00	6553
107.00	96776	193.00	9434	282.00	769	426.00	991
108.00	13331	194.00	2806	283.00	1689	427.00	201

Report Date: 03-Nov-2020 12:05:13 Chrom Revision: 2.3 14-Oct-2020 14:51:38
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260954.d\8270_Iso.rslt\spectra.d
Injection Date: 03-Nov-2020 08:50:30
Spectrum: Tune Spec :Average 315-317(4.93-4.94) Bgrd 311(4.91)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 337

m/z	Y	m/z	Y	m/z	Y	m/z	Y
109.00	2341	195.00	2893	284.00	1480	428.00	1018
110.00	168320	196.00	22624	285.00	2745	429.00	663
111.00	27304	197.00	3382	286.00	521	430.00	1198
112.00	2203	198.00	709696	288.00	499	432.00	1683
113.00	1399	199.00	47320	289.00	748	433.00	1273
114.00	264	200.00	3957	291.00	580	434.00	1382
115.00	1233	201.00	637	292.00	1027	435.00	606
116.00	4542	202.00	365	293.00	4439	436.00	560
117.00	82096	203.00	5812	294.00	1312	437.00	444
118.00	5346	204.00	28256	295.00	1124	438.00	432
120.00	1058	205.00	45088	296.00	48120	439.00	391
121.00	937	206.00	178432	297.00	7276	441.00	87552
122.00	4898	207.00	23944	298.00	394	442.00	543040
123.00	8727	208.00	6974	301.00	612	443.00	108888
124.00	4490	209.00	1295	302.00	532	444.00	10217
125.00	3595	210.00	2698	303.00	5606		
126.00	997	211.00	8392	304.00	1297		
127.00	320320	212.00	1626	305.00	204		

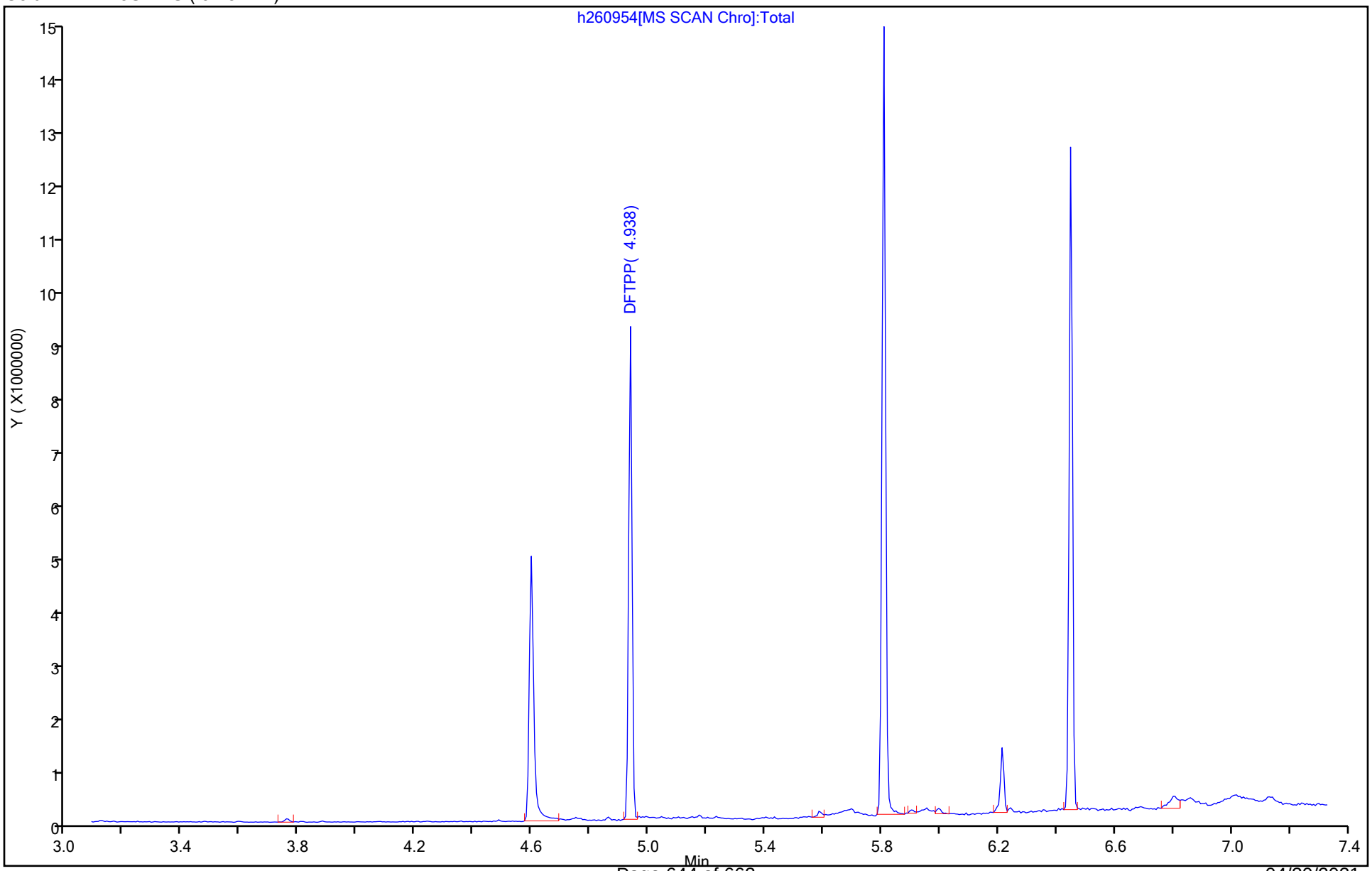
Report Date: 03-Nov-2020 12:05:13 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260954.d

Injection Date:	03-Nov-2020 08:50:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	DFTPP			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774757/1-A

Matrix: Water Lab File ID: h265153.d

Analysis Method: 8270E SIM ID Date Collected:

Extract. Method: 3510C Date Extracted: 04/29/2021 09:51

Sample wt/vol: 250(mL) Date Analyzed: 04/30/2021 07:08

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774965 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	54		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265153.d
Lims ID: MB 460-774757/1-A
Client ID:
Sample Type: MB
Inject. Date: 30-Apr-2021 07:08:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127871-003
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 30-Apr-2021 09:09:30 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: nimerd Date: 30-Apr-2021 07:38:22

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	1.795	1.796	-0.001	9	35765	4.00	2.16	
*	4 1,4-Dichlorobenzene-d4	150	5.444	5.444	0.000	1	18627	0.2000	0.2000	

QC Flag Legend

Processing Flags

Reagents:

SM_iso_d4istd_00008 Amount Added: 20.00 Units: uL Run Reagent

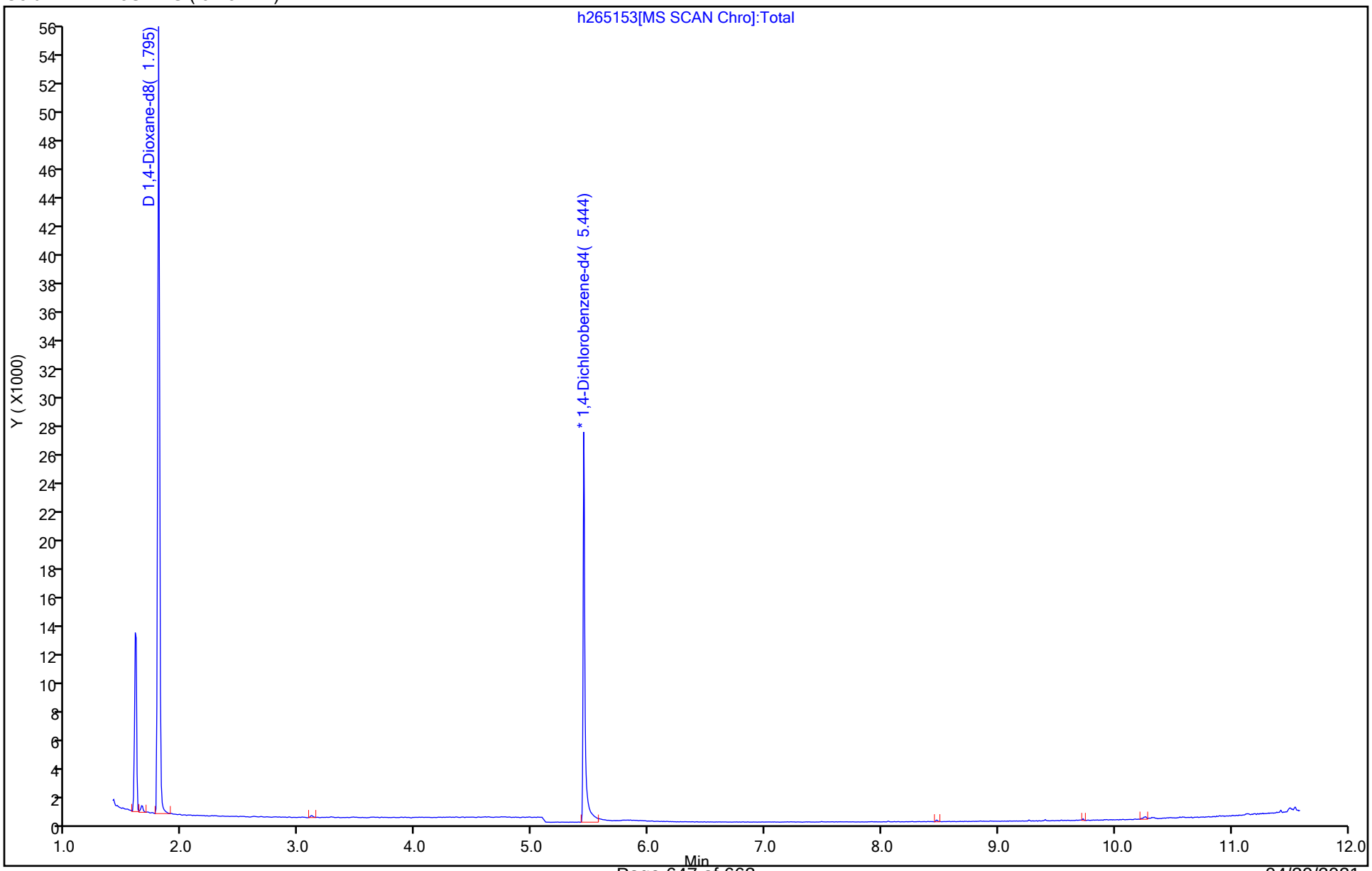
Report Date: 30-Apr-2021 09:09:31 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265153.d

Injection Date:	30-Apr-2021 07:08:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	MB 460-774757/1-A			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

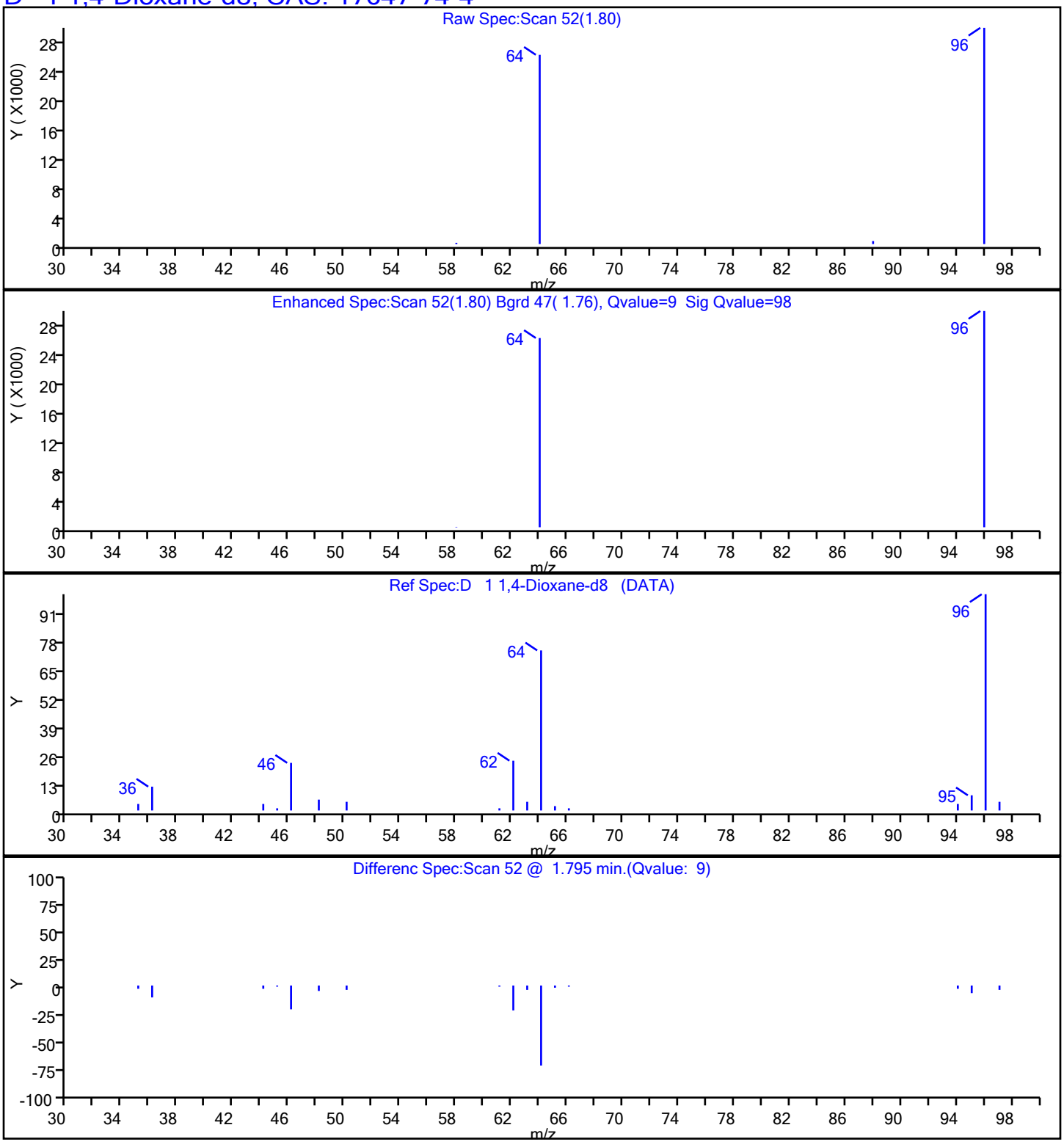
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265153.d				
Injection Date:	30-Apr-2021 07:08:30	Instrument ID:	CBNAMS9		
Lims ID:	MB 460-774757/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

D 1 1,4-Dioxane-d8, CAS: 17647-74-4



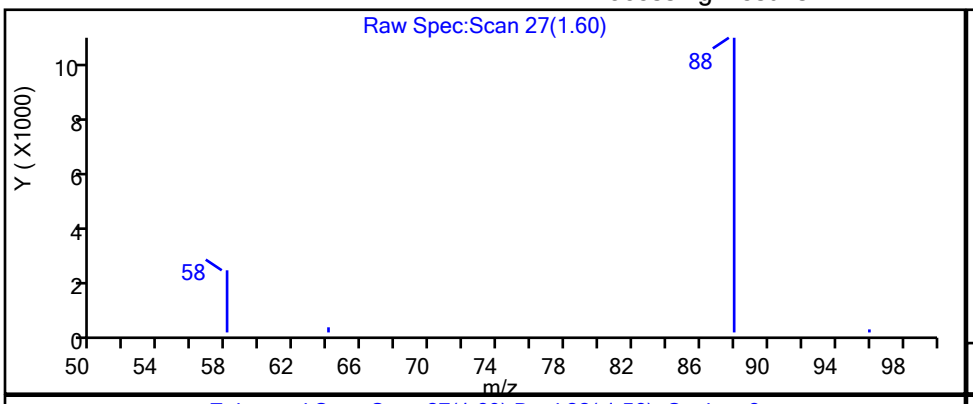
User Disabled Compound Report

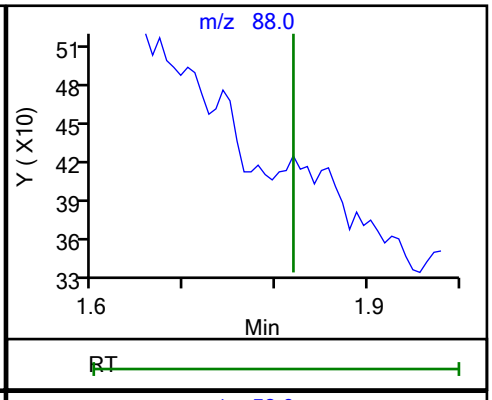
Eurofins TestAmerica, Edison

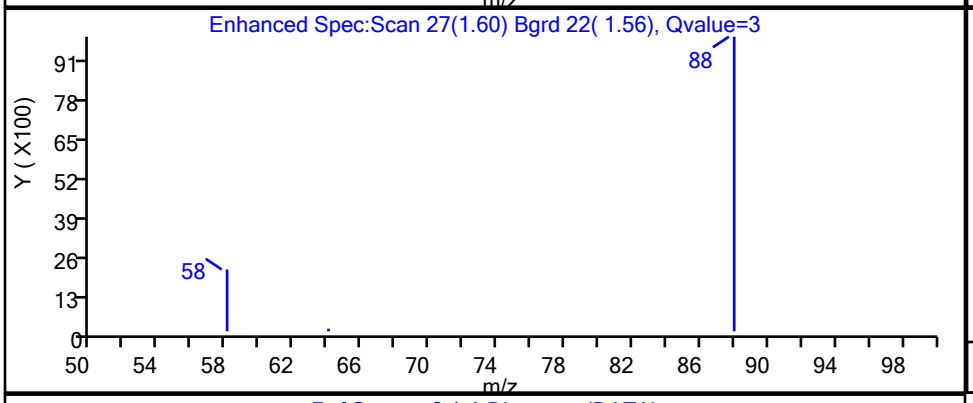
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265153.d		
Injection Date:	30-Apr-2021 07:08:30	Instrument ID:	CBNAMS9
Lims ID:	MB 460-774757/1-A		
Client ID:			
Operator ID:		ALS Bottle#:	3 Worklist Smp#: 3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

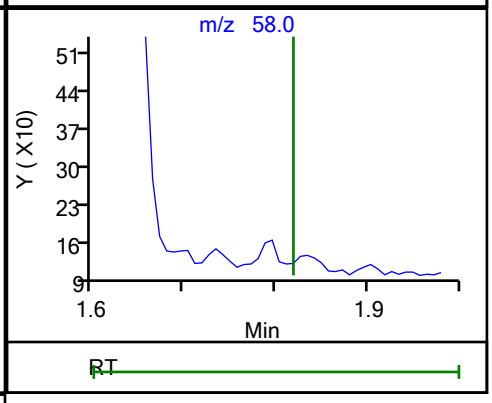
2 1,4-Dioxane, CAS: 123-91-1

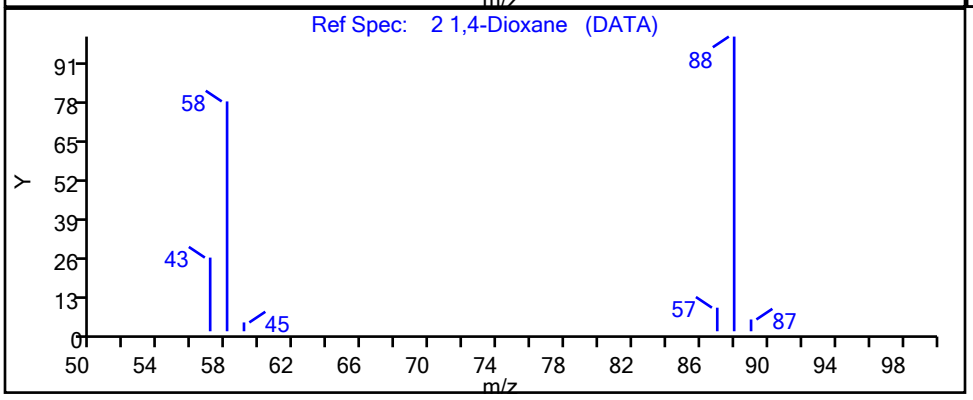
Processing Results











RT	Mass	Response	Amount
1.60	88.00	11635	1.030694
1.60	58.00	3868	

Reviewer: zhaoc, 30-Apr-2021 09:07:21

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774757/2-A

Matrix: Water Lab File ID: h265154.d

Analysis Method: 8270E SIM ID Date Collected:

Extract. Method: 3510C Date Extracted: 04/29/2021 09:51

Sample wt/vol: 250(mL) Date Analyzed: 04/30/2021 07:24

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774965 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	1.31		0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	69		10-200

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265154.d
Lims ID: LCS 460-774757/2-A
Client ID:
Sample Type: LCS
Inject. Date: 30-Apr-2021 07:24:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127871-004
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 30-Apr-2021 09:09:30 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: zhaoc Date: 30-Apr-2021 09:07:33

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	1.795	1.796	-0.001	11	44613	4.00	2.76	
	2 1,4-Dioxane	88	1.826	1.819	0.007	19	2307	0.2000	0.1638	
*	4 1,4-Dichlorobenzene-d4	150	5.444	5.444	0.000	1	18130	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_iso_d4istd_00008 Amount Added: 20.00 Units: uL Run Reagent

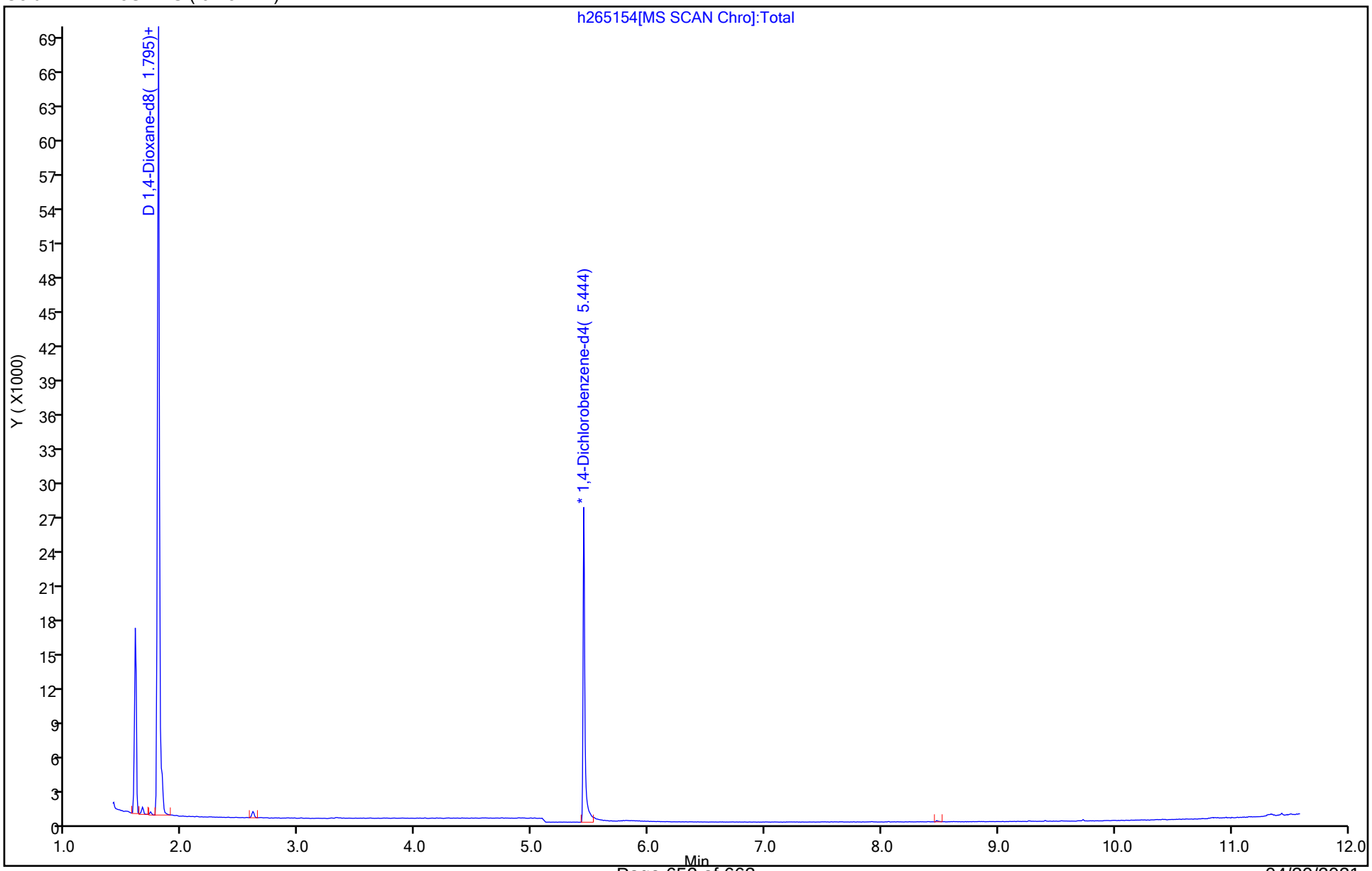
Report Date: 30-Apr-2021 09:09:31 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265154.d

Injection Date:	30-Apr-2021 07:24:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	LCS 460-774757/2-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774757/3-A

Matrix: Water Lab File ID: h265155.d

Analysis Method: 8270E SIM ID Date Collected:

Extract. Method: 3510C Date Extracted: 04/29/2021 09:51

Sample wt/vol: 250(mL) Date Analyzed: 04/30/2021 07:40

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 774965 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	1.22		0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	63		10-200

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265155.d
Lims ID: LCSD 460-774757/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 30-Apr-2021 07:40:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127871-005
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 30-Apr-2021 09:09:30 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: zhaoc Date: 30-Apr-2021 09:07:59

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	1.796	1.796	0.000	8	39314	4.00	2.52	
	2 1,4-Dioxane	88	1.826	1.819	0.007	18	1900	0.2000	0.1531	
*	4 1,4-Dichlorobenzene-d4	150	5.444	5.444	0.000	1	17483	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_iso_d4istd_00008 Amount Added: 20.00 Units: uL Run Reagent

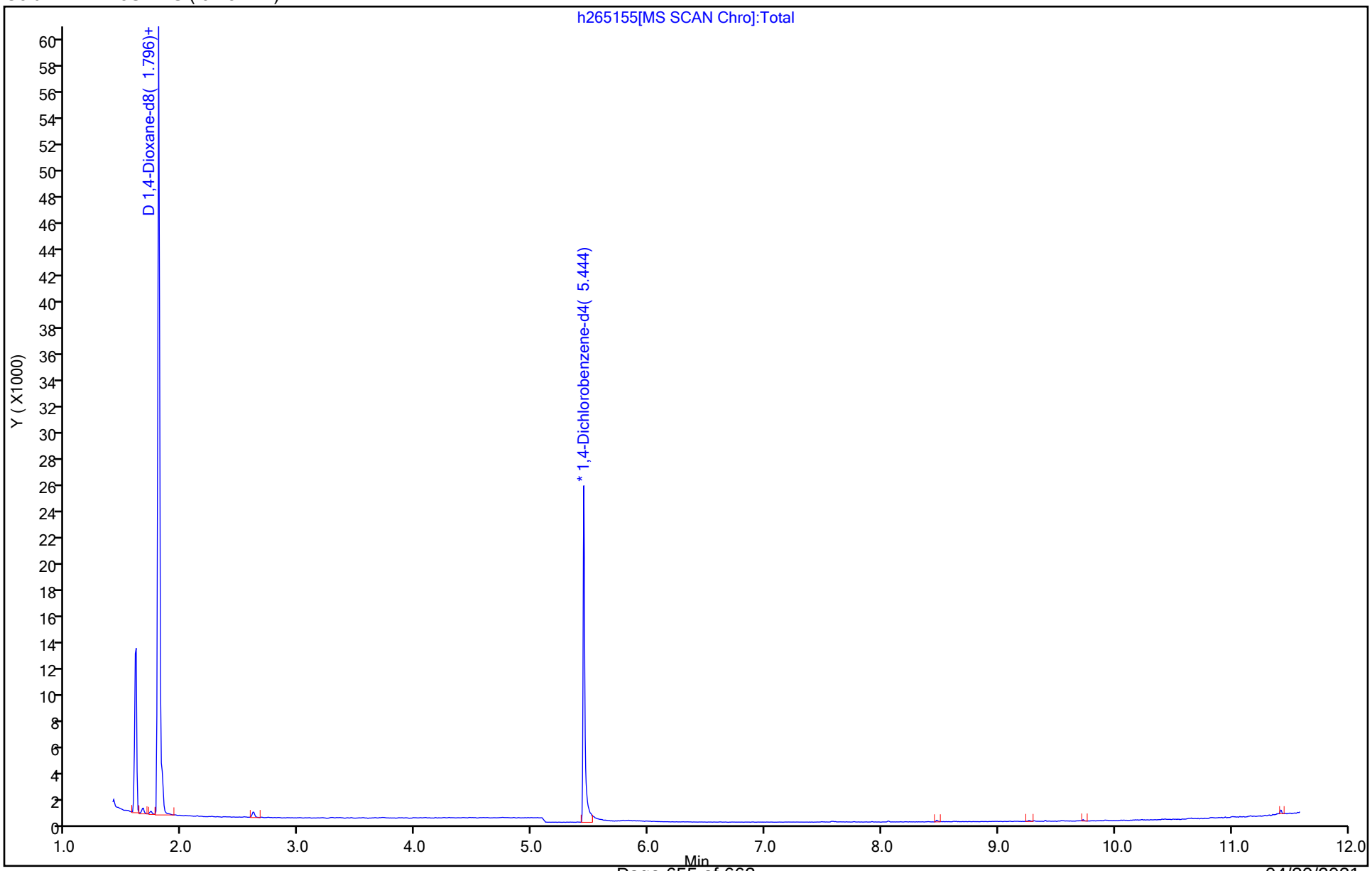
Report Date: 30-Apr-2021 09:09:32 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210430-127871.b\h265155.d

Injection Date:	30-Apr-2021 07:40:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	LCSD 460-774757/3-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Instrument ID: CBNAMS9 Start Date: 11/03/2020 08:50

Analysis Batch Number: 736984 End Date: 11/03/2020 17:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-736984/1		11/03/2020 08:50	1	h260954.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-736984/2		11/03/2020 09:01	1	h260955.d	Rtxi-5Sil MS 0.25(mm)
STD9 460-736984/3 IC		11/03/2020 09:17	1	h260956.d	Rtxi-5Sil MS 0.25(mm)
STD8 460-736984/4 IC		11/03/2020 09:33	1	h260957.d	Rtxi-5Sil MS 0.25(mm)
STD7 460-736984/5 IC		11/03/2020 09:49	1	h260958.d	Rtxi-5Sil MS 0.25(mm)
STD6 460-736984/6 IC		11/03/2020 10:05	1	h260959.d	Rtxi-5Sil MS 0.25(mm)
STD4 460-736984/7 IC		11/03/2020 10:21	1	h260960.d	Rtxi-5Sil MS 0.25(mm)
STD3 460-736984/8 IC		11/03/2020 10:37	1	h260961.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-736984/9 IC		11/03/2020 10:53	1	h260962.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-736984/10 IC		11/03/2020 11:09	1	h260963.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-736984/11		11/03/2020 11:25	1	h260964.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 12:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 12:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 13:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 13:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 13:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 13:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 14:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 14:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 14:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 14:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 15:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 15:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 15:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 16:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 16:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 16:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 16:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 17:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 17:21	1		Rtxi-5Sil MS 0.25(mm)

8270E SIM ID

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Instrument ID: CBNAMS9 Start Date: 04/30/2021 06:52

Analysis Batch Number: 774965 End Date: 04/30/2021 12:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-774965/2		04/30/2021 06:52	1	h265152.d	Rtxi-5Sil MS 0.25(mm)
MB 460-774757/1-A		04/30/2021 07:08	1	h265153.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-774757/2-A		04/30/2021 07:24	1	h265154.d	Rtxi-5Sil MS 0.25(mm)
LCSD 460-774757/3-A		04/30/2021 07:40	1	h265155.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 07:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 08:12	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 08:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 08:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 09:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 09:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 09:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 09:48	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 10:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 10:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 10:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 10:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 11:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 11:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		04/30/2021 11:40	1		Rtxi-5Sil MS 0.25(mm)
460-233064-1	TW-01_20210427	04/30/2021 11:56	1	h265171.d	Rtxi-5Sil MS 0.25(mm)
460-233064-2	TW-05_20210427	04/30/2021 12:12	1	h265172.d	Rtxi-5Sil MS 0.25(mm)

8270E SIM ID

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Batch Number: 774757 Batch Start Date: 04/29/21 09:51 Batch Analyst: Santos, Omar T

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_1,4-DX_SP 00005
MB 460-774757/1		3510C, 8270E SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-774757/2		3510C, 8270E SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
LCSD 460-774757/3		3510C, 8270E SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
460-233064-E-1	TW-01_20210427	3510C, 8270E SIM ID	T	250 mL	2 mL	9 SU	<2 SU	>12 SU	
460-233064-E-2	TW-05_20210427	3510C, 8270E SIM ID	T	250 mL	2 mL	9 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_14-DX_surr 00009					
MB 460-774757/1		3510C, 8270E SIM ID		20 uL					
LCS 460-774757/2		3510C, 8270E SIM ID		20 uL					
LCSD 460-774757/3		3510C, 8270E SIM ID		20 uL					
460-233064-E-1	TW-01_20210427	3510C, 8270E SIM ID	T	20 uL					
460-233064-E-2	TW-05_20210427	3510C, 8270E SIM ID	T	20 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E SIM ID

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233064-1

SDG No.:

Batch Number: 774757 Batch Start Date: 04/29/21 09:51 Batch Analyst: Santos, Omar T

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid Used for pH Adjustment ID	257458
Base Used to Adjust pH ID	OP2997
Batch Comment	BNA 8270 Isotope
Analyst ID - Concentration	OS
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	OS
Method/Fraction	3510C LVI / 8270 Isotope
Na2SO4 ID	204081
pH Indicator ID	HC-022887
Prep Solvent ID	Methylene Chloride: 267133
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	OS
Analyst ID - Spike Witness Analyst	ZB
Sufficient Volume for Batch QC	Yes
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	20046103

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record 469835

eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: Colleen Griffiths	Site Contact: G. Baird	Date: 4/27/21	COC No:
Company Name: AKRF Inc	Tel/Email: 914-922-2303	Lab Contact: M. Hass	Carrier:	1 of 1 COCs
Address: 34 South Broadway	Analysis Turnaround Time			Sampler:
City/State/Zip: White Plains, NY	☐ CALENDAR DAYS ☒ WORKING DAYS			For Lab Use Only:
Phone: 914-922-2303	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: Brookfield Commons Phase 3	☒ 1 week			
Site: 154 S Lexington Ave, White Plains	☐ 2 days			Job / SDG No.: 233064
PO # 210122	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL list 8260 VOC	TCL + 1,4-dioxane list 8260	8270E SIM 1,4-dioxane	Sample Specific Notes:
TW-01_20210427	4/27/21	1220	C	GW	7	N	N	X	X	X	-1
~~TW~~ TW-05_20210427	4/27/21	1133	C	GW	7	N	N	X	X	X	-2
~~RI~~ RI-TB-GW								X			-3

460-233064 Chain of Custody

5-Day RUSH

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: CAT B / EQUIS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	AKRF	4/27/21			4/27/21 1450
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
					4 27 21 1700
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
	TA	4 27 21 1900		TA	4/27/21 1900

2320 SR11

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04/30/2021

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 233064

Number of Coolers: 1 IR Gun # 11

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.3 °C	2.0 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: [signature] Date: 4 27 21

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-233064-1

Login Number: 233064
List Number: 1
Creator: Lysy, Susan

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Refer to Job Narrative for details.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

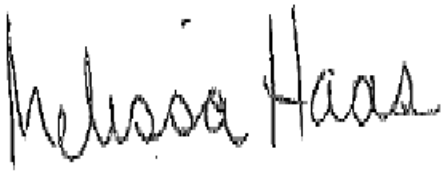
ANALYTICAL REPORT

Job Number: 460-233152-1

Job Description: Brookfield Commons - 159 South Lexington

For:
AKRF Inc
34 South Broadway
Suite 314
White Plains, NY 10601

Attention: Mr. Greg Baird



Approved for release.
Melissa Haas
Senior Project Manager
5/4/2021 7:28 AM

Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@Eurofinset.com
05/04/2021

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

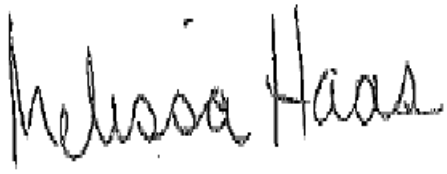
The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Job Number: 460-233152-1

Job Description: Brookfield Commons - 159 South Lexington

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Approved for release.
Melissa Haas
Senior Project Manager
5/4/2021 7:28 AM

Melissa Haas

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CASE NARRATIVE

Client: AKRF Inc

Project: Brookfield Commons - 159 South Lexington

Report Number: 460-233152-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 04/28/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.7 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples TW-03_20210428 (460-233152-1) and TW-04_20210428 (460-233152-2) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 04/30/2021.

The continuing calibration verification (CCV) analyzed in batch 460-774982 was outside the method criteria for the following analyte(s): 1,1,2,2-Tetrachloroethane and Methyl acetate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples TW-03_20210428 (460-233152-1) and TW-04_20210428 (460-233152-2) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E. The samples were prepared on 05/01/2021 and analyzed on 05/02/2021.

The continuing calibration verification (CCV) analyzed in batch 460-775252 was outside the method criteria for the following analyte(s): 3-Nitroaniline. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

For the MSD of sample 460-233252-5 in batch 460-775252, 3,3'-Dichlorobenzidine failed the recovery criteria low. Several analytes failed the recovery criteria high. Also, 4-Chloroaniline exceeded the RPD limit.

3,3'-Dichlorobenzidine failed the recovery criteria low for the MS of sample 460-233252-5 in batch 460-775252. Several analytes failed the recovery criteria high.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS - SELECTED ION MODE (SIM) - ISOTOPE DILUTION - 1,4 DIOXANE
Samples TW-03_20210428 (460-233152-1) and TW-04_20210428 (460-233152-2) were analyzed for semivolatile organic compounds - Selected Ion Mode (SIM) - Isotope Dilution - 1,4 Dioxane in accordance with EPA SW-846 Method 8270E SIM 1,4Dioxane. The samples

were prepared on 05/03/2021 and analyzed on 05/04/2021.

1,4-Dioxane failed the recovery criteria low for the MSD of sample 460-233275-2 in batch 460-775515.

No other difficulties were encountered during the 1,4 Dioxane analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: AKRF Inc
Job ID: 460-233152-1
Project/Site: Brookfield Commons - 159 South Lexington

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-233152-1	TW-03_20210428	Water	04/28/21 12:30	04/28/21 18:00	
460-233152-2	TW-04_20210428	Water	04/28/21 11:38	04/28/21 18:00	

Detection Summary

Client: AKRF Inc
Job ID: 460-233152-1
Project/Site: Brookfield Commons - 159 South Lexington

Client Sample ID: TW-03_20210428
Lab Sample ID: 460-233152-1

No Detections.

Client Sample ID: TW-04_20210428
Lab Sample ID: 460-233152-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.46	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	76		1.0	0.22	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.75	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	440		1.0	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.50	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	9.5		1.0	0.31	ug/L	1		8260D	Total/NA
Vinyl chloride	4.1		1.0	0.17	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.12	J	0.20	0.016	ug/L	1		8270E SIM ID	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: AKRF Inc
Job ID: 460-233152-1
Project/Site: Brookfield Commons - 159 South Lexington

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	TAL EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: TW-03_20210428
Lab Sample ID: 460-233152-1

Date Collected: 04/28/21 12:30
Matrix: Water

Date Received: 04/28/21 18:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			04/30/21 16:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			04/30/21 16:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			04/30/21 16:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			04/30/21 16:49	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			04/30/21 16:49	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			04/30/21 16:49	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			04/30/21 16:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			04/30/21 16:49	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 16:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/30/21 16:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			04/30/21 16:49	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/30/21 16:49	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/30/21 16:49	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			04/30/21 16:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			04/30/21 16:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			04/30/21 16:49	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			04/30/21 16:49	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			04/30/21 16:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			04/30/21 16:49	1
Acetone	5.0	U	5.0	4.4	ug/L			04/30/21 16:49	1
Benzene	1.0	U	1.0	0.20	ug/L			04/30/21 16:49	1
Bromoform	1.0	U	1.0	0.54	ug/L			04/30/21 16:49	1
Bromomethane	1.0	U	1.0	0.55	ug/L			04/30/21 16:49	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			04/30/21 16:49	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			04/30/21 16:49	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			04/30/21 16:49	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			04/30/21 16:49	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			04/30/21 16:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			04/30/21 16:49	1
Chloroform	1.0	U	1.0	0.33	ug/L			04/30/21 16:49	1
Chloromethane	1.0	U	1.0	0.40	ug/L			04/30/21 16:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			04/30/21 16:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 16:49	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			04/30/21 16:49	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			04/30/21 16:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/30/21 16:49	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			04/30/21 16:49	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			04/30/21 16:49	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 16:49	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			04/30/21 16:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			04/30/21 16:49	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			04/30/21 16:49	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			04/30/21 16:49	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			04/30/21 16:49	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 16:49	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 16:49	1
o-Xylene	1.0	U	1.0	0.36	ug/L			04/30/21 16:49	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 16:49	1
Styrene	1.0	U	1.0	0.42	ug/L			04/30/21 16:49	1

Client Sample ID: TW-03_20210428
Lab Sample ID: 460-233152-1

Date Collected: 04/28/21 12:30
Matrix: Water

Date Received: 04/28/21 18:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 16:49	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			04/30/21 16:49	1
Toluene	1.0	U	1.0	0.38	ug/L			04/30/21 16:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			04/30/21 16:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 16:49	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			04/30/21 16:49	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			04/30/21 16:49	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			04/30/21 16:49	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			04/30/21 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 123*		*04/30/21 16:49*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*04/30/21 16:49*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 124*		*04/30/21 16:49*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/30/21 16:49*	*1*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.016	ug/L		05/03/21 08:02	05/04/21 04:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*60*		*10 - 150*	*05/03/21 08:02*	*05/04/21 04:39*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	2.0	U	2.0	0.64	ug/L		05/01/21 07:09	05/02/21 00:57	1
1,2-Dichlorobenzene	10	U	10	0.50	ug/L		05/01/21 07:09	05/02/21 00:57	1
1,3-Dichlorobenzene	10	U	10	2.0	ug/L		05/01/21 07:09	05/02/21 00:57	1
1,4-Dichlorobenzene	10	U	10	0.44	ug/L		05/01/21 07:09	05/02/21 00:57	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		05/01/21 07:09	05/02/21 00:57	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		05/01/21 07:09	05/02/21 00:57	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		05/01/21 07:09	05/02/21 00:57	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		05/01/21 07:09	05/02/21 00:57	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		05/01/21 07:09	05/02/21 00:57	1
2-Nitroaniline	10	U	10	0.47	ug/L		05/01/21 07:09	05/02/21 00:57	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		05/01/21 07:09	05/02/21 00:57	1
3-Nitroaniline	10	U	10	1.9	ug/L		05/01/21 07:09	05/02/21 00:57	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		05/01/21 07:09	05/02/21 00:57	1
4-Chloroaniline	10	U	10	1.9	ug/L		05/01/21 07:09	05/02/21 00:57	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		05/01/21 07:09	05/02/21 00:57	1
4-Nitroaniline	10	U	10	1.2	ug/L		05/01/21 07:09	05/02/21 00:57	1
Acenaphthene	10	U	10	1.1	ug/L		05/01/21 07:09	05/02/21 00:57	1
Acenaphthylene	10	U	10	0.82	ug/L		05/01/21 07:09	05/02/21 00:57	1
Anthracene	10	U	10	1.3	ug/L		05/01/21 07:09	05/02/21 00:57	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		05/01/21 07:09	05/02/21 00:57	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		05/01/21 07:09	05/02/21 00:57	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		05/01/21 07:09	05/02/21 00:57	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		05/01/21 07:09	05/02/21 00:57	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		05/01/21 07:09	05/02/21 00:57	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		05/01/21 07:09	05/02/21 00:57	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		05/01/21 07:09	05/02/21 00:57	1

Client Sample ID: TW-03_20210428
Lab Sample ID: 460-233152-1
Date Collected: 04/28/21 12:30
Matrix: Water
Date Received: 04/28/21 18:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		05/01/21 07:09	05/02/21 00:57	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		05/01/21 07:09	05/02/21 00:57	1
Carbazole	10	U	10	0.68	ug/L		05/01/21 07:09	05/02/21 00:57	1
Chrysene	2.0	U	2.0	0.91	ug/L		05/01/21 07:09	05/02/21 00:57	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		05/01/21 07:09	05/02/21 00:57	1
Dibenzofuran	10	U	10	1.1	ug/L		05/01/21 07:09	05/02/21 00:57	1
Diethyl phthalate	10	U	10	0.98	ug/L		05/01/21 07:09	05/02/21 00:57	1
Dimethyl phthalate	10	U	10	0.77	ug/L		05/01/21 07:09	05/02/21 00:57	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		05/01/21 07:09	05/02/21 00:57	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		05/01/21 07:09	05/02/21 00:57	1
Fluoranthene	10	U	10	0.84	ug/L		05/01/21 07:09	05/02/21 00:57	1
Fluorene	10	U	10	0.91	ug/L		05/01/21 07:09	05/02/21 00:57	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		05/01/21 07:09	05/02/21 00:57	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		05/01/21 07:09	05/02/21 00:57	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		05/01/21 07:09	05/02/21 00:57	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		05/01/21 07:09	05/02/21 00:57	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		05/01/21 07:09	05/02/21 00:57	1
Isophorone	10	U	10	0.80	ug/L		05/01/21 07:09	05/02/21 00:57	1
Naphthalene	2.0	U	2.0	0.54	ug/L		05/01/21 07:09	05/02/21 00:57	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		05/01/21 07:09	05/02/21 00:57	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		05/01/21 07:09	05/02/21 00:57	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		05/01/21 07:09	05/02/21 00:57	1
Phenanthrene	10	U	10	1.3	ug/L		05/01/21 07:09	05/02/21 00:57	1
Pyrene	10	U	10	1.6	ug/L		05/01/21 07:09	05/02/21 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*98*		*42 - 127*	*05/01/21 07:09*	*05/02/21 00:57*	*1*
Nitrobenzene-d5 (Surr)	*114*		*46 - 137*	*05/01/21 07:09*	*05/02/21 00:57*	*1*
Terphenyl-d14 (Surr)	*103*		*39 - 150*	*05/01/21 07:09*	*05/02/21 00:57*	*1*

Client Sample ID: TW-04_20210428
Lab Sample ID: 460-233152-2
Date Collected: 04/28/21 11:38
Matrix: Water
Date Received: 04/28/21 18:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			04/30/21 17:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			04/30/21 17:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			04/30/21 17:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			04/30/21 17:14	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			04/30/21 17:14	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			04/30/21 17:14	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			04/30/21 17:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			04/30/21 17:14	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 17:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/30/21 17:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			04/30/21 17:14	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/30/21 17:14	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/30/21 17:14	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			04/30/21 17:14	1

Client Sample ID: TW-04_20210428
Lab Sample ID: 460-233152-2

Date Collected: 04/28/21 11:38
Matrix: Water

Date Received: 04/28/21 18:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			04/30/21 17:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			04/30/21 17:14	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			04/30/21 17:14	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			04/30/21 17:14	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			04/30/21 17:14	1
Acetone	5.0	U	5.0	4.4	ug/L			04/30/21 17:14	1
Benzene	1.0	U	1.0	0.20	ug/L			04/30/21 17:14	1
Bromoform	1.0	U	1.0	0.54	ug/L			04/30/21 17:14	1
Bromomethane	1.0	U	1.0	0.55	ug/L			04/30/21 17:14	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			04/30/21 17:14	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			04/30/21 17:14	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			04/30/21 17:14	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			04/30/21 17:14	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			04/30/21 17:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			04/30/21 17:14	1
Chloroform	**0.46**	**J**	1.0	0.33	ug/L			04/30/21 17:14	1
Chloromethane	1.0	U	1.0	0.40	ug/L			04/30/21 17:14	1
cis-1,2-Dichloroethene	**76**		1.0	0.22	ug/L			04/30/21 17:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 17:14	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			04/30/21 17:14	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			04/30/21 17:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/30/21 17:14	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			04/30/21 17:14	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			04/30/21 17:14	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 17:14	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			04/30/21 17:14	1
Methyl tert-butyl ether	**0.75**	**J**	1.0	0.22	ug/L			04/30/21 17:14	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			04/30/21 17:14	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			04/30/21 17:14	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			04/30/21 17:14	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 17:14	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 17:14	1
o-Xylene	1.0	U	1.0	0.36	ug/L			04/30/21 17:14	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 17:14	1
Styrene	1.0	U	1.0	0.42	ug/L			04/30/21 17:14	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 17:14	1
Tetrachloroethene	**440**		1.0	0.25	ug/L			04/30/21 17:14	1
Toluene	1.0	U	1.0	0.38	ug/L			04/30/21 17:14	1
trans-1,2-Dichloroethene	**0.50**	**J**	1.0	0.24	ug/L			04/30/21 17:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 17:14	1
Trichloroethene	**9.5**		1.0	0.31	ug/L			04/30/21 17:14	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			04/30/21 17:14	1
Vinyl chloride	**4.1**		1.0	0.17	ug/L			04/30/21 17:14	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			04/30/21 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 123*		*04/30/21 17:14*	*1*
4-Bromofluorobenzene	*93*		*76 - 120*		*04/30/21 17:14*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 124*		*04/30/21 17:14*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/30/21 17:14*	*1*

Client Sample ID: TW-04_20210428
Lab Sample ID: 460-233152-2

Date Collected: 04/28/21 11:38
Matrix: Water

Date Received: 04/28/21 18:00

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.12	J	0.20	0.016	ug/L		05/03/21 08:02	05/04/21 04:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*54*		*10 - 150*	*05/03/21 08:02*	*05/04/21 04:55*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	2.0	U	2.0	0.64	ug/L		05/01/21 07:09	05/02/21 00:36	1
1,2-Dichlorobenzene	10	U	10	0.50	ug/L		05/01/21 07:09	05/02/21 00:36	1
1,3-Dichlorobenzene	10	U	10	2.0	ug/L		05/01/21 07:09	05/02/21 00:36	1
1,4-Dichlorobenzene	10	U	10	0.44	ug/L		05/01/21 07:09	05/02/21 00:36	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		05/01/21 07:09	05/02/21 00:36	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		05/01/21 07:09	05/02/21 00:36	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		05/01/21 07:09	05/02/21 00:36	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		05/01/21 07:09	05/02/21 00:36	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		05/01/21 07:09	05/02/21 00:36	1
2-Nitroaniline	10	U	10	0.47	ug/L		05/01/21 07:09	05/02/21 00:36	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		05/01/21 07:09	05/02/21 00:36	1
3-Nitroaniline	10	U	10	1.9	ug/L		05/01/21 07:09	05/02/21 00:36	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		05/01/21 07:09	05/02/21 00:36	1
4-Chloroaniline	10	U	10	1.9	ug/L		05/01/21 07:09	05/02/21 00:36	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		05/01/21 07:09	05/02/21 00:36	1
4-Nitroaniline	10	U	10	1.2	ug/L		05/01/21 07:09	05/02/21 00:36	1
Acenaphthene	10	U	10	1.1	ug/L		05/01/21 07:09	05/02/21 00:36	1
Acenaphthylene	10	U	10	0.82	ug/L		05/01/21 07:09	05/02/21 00:36	1
Anthracene	10	U	10	1.3	ug/L		05/01/21 07:09	05/02/21 00:36	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		05/01/21 07:09	05/02/21 00:36	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		05/01/21 07:09	05/02/21 00:36	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		05/01/21 07:09	05/02/21 00:36	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		05/01/21 07:09	05/02/21 00:36	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		05/01/21 07:09	05/02/21 00:36	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		05/01/21 07:09	05/02/21 00:36	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		05/01/21 07:09	05/02/21 00:36	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		05/01/21 07:09	05/02/21 00:36	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		05/01/21 07:09	05/02/21 00:36	1
Carbazole	10	U	10	0.68	ug/L		05/01/21 07:09	05/02/21 00:36	1
Chrysene	2.0	U	2.0	0.91	ug/L		05/01/21 07:09	05/02/21 00:36	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		05/01/21 07:09	05/02/21 00:36	1
Dibenzofuran	10	U	10	1.1	ug/L		05/01/21 07:09	05/02/21 00:36	1
Diethyl phthalate	10	U	10	0.98	ug/L		05/01/21 07:09	05/02/21 00:36	1
Dimethyl phthalate	10	U	10	0.77	ug/L		05/01/21 07:09	05/02/21 00:36	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		05/01/21 07:09	05/02/21 00:36	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		05/01/21 07:09	05/02/21 00:36	1
Fluoranthene	10	U	10	0.84	ug/L		05/01/21 07:09	05/02/21 00:36	1
Fluorene	10	U	10	0.91	ug/L		05/01/21 07:09	05/02/21 00:36	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		05/01/21 07:09	05/02/21 00:36	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		05/01/21 07:09	05/02/21 00:36	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		05/01/21 07:09	05/02/21 00:36	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		05/01/21 07:09	05/02/21 00:36	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		05/01/21 07:09	05/02/21 00:36	1

Client Sample ID: TW-04_20210428
Lab Sample ID: 460-233152-2

Date Collected: 04/28/21 11:38
Matrix: Water

Date Received: 04/28/21 18:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	10	U	10	0.80	ug/L		05/01/21 07:09	05/02/21 00:36	1
Naphthalene	2.0	U	2.0	0.54	ug/L		05/01/21 07:09	05/02/21 00:36	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		05/01/21 07:09	05/02/21 00:36	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		05/01/21 07:09	05/02/21 00:36	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		05/01/21 07:09	05/02/21 00:36	1
Phenanthrene	10	U	10	1.3	ug/L		05/01/21 07:09	05/02/21 00:36	1
Pyrene	10	U	10	1.6	ug/L		05/01/21 07:09	05/02/21 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*95*		*42 - 127*	*05/01/21 07:09*	*05/02/21 00:36*	*1*
Nitrobenzene-d5 (Surr)	*111*		*46 - 137*	*05/01/21 07:09*	*05/02/21 00:36*	*1*
Terphenyl-d14 (Surr)	*98*		*39 - 150*	*05/01/21 07:09*	*05/02/21 00:36*	*1*

Surrogate Summary

Client: AKRF Inc
Job ID: 460-233152-1
Project/Site: Brookfield Commons - 159 South Lexington

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-123)	(76-120)	(77-124)	(80-120)
460-233152-1	TW-03_20210428	97	96	103	97
460-233152-2	TW-04_20210428	91	93	103	95
LCS 460-774982/5	Lab Control Sample	95	102	98	94
LCSD 460-774982/6	Lab Control Sample Dup	96	106	100	97
MB 460-774982/10	Method Blank	96	98	101	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(42-127)	(46-137)	(39-150)
460-233152-1	TW-03_20210428	98	114	103
460-233152-2	TW-04_20210428	95	111	98
LCS 460-775169/2-A	Lab Control Sample	82	92	97
MB 460-775169/1-A	Method Blank	91	103	105

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Isotope Dilution Summary

Client: AKRF Inc
Job ID: 460-233152-1
Project/Site: Brookfield Commons - 159 South Lexington

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	DXE (10-150)								
460-233152-1	TW-03_20210428	60								
460-233152-2	TW-04_20210428	54								
MB 460-775407/1-A	Method Blank	60								

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	DXE (10-200)								
LCS 460-775407/2-A	Lab Control Sample	55								
LCSD 460-775407/3-A	Lab Control Sample Dup	62								

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-774982/10
Matrix: Water
Analysis Batch: 774982

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			04/30/21 12:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			04/30/21 12:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			04/30/21 12:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			04/30/21 12:06	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			04/30/21 12:06	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			04/30/21 12:06	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			04/30/21 12:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			04/30/21 12:06	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 12:06	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			04/30/21 12:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			04/30/21 12:06	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			04/30/21 12:06	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			04/30/21 12:06	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			04/30/21 12:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			04/30/21 12:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			04/30/21 12:06	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			04/30/21 12:06	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			04/30/21 12:06	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			04/30/21 12:06	1
Acetone	5.0	U	5.0	4.4	ug/L			04/30/21 12:06	1
Benzene	1.0	U	1.0	0.20	ug/L			04/30/21 12:06	1
Bromoform	1.0	U	1.0	0.54	ug/L			04/30/21 12:06	1
Bromomethane	1.0	U	1.0	0.55	ug/L			04/30/21 12:06	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			04/30/21 12:06	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			04/30/21 12:06	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			04/30/21 12:06	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			04/30/21 12:06	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			04/30/21 12:06	1
Chloroethane	1.0	U	1.0	0.32	ug/L			04/30/21 12:06	1
Chloroform	1.0	U	1.0	0.33	ug/L			04/30/21 12:06	1
Chloromethane	1.0	U	1.0	0.40	ug/L			04/30/21 12:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			04/30/21 12:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 12:06	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			04/30/21 12:06	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			04/30/21 12:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/30/21 12:06	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			04/30/21 12:06	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			04/30/21 12:06	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 12:06	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			04/30/21 12:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			04/30/21 12:06	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			04/30/21 12:06	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			04/30/21 12:06	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			04/30/21 12:06	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 12:06	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			04/30/21 12:06	1
o-Xylene	1.0	U	1.0	0.36	ug/L			04/30/21 12:06	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			04/30/21 12:06	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-774982/10
Matrix: Water
Analysis Batch: 774982

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			04/30/21 12:06	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			04/30/21 12:06	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			04/30/21 12:06	1
Toluene	1.0	U	1.0	0.38	ug/L			04/30/21 12:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			04/30/21 12:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			04/30/21 12:06	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			04/30/21 12:06	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			04/30/21 12:06	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			04/30/21 12:06	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			04/30/21 12:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 123*		*04/30/21 12:06*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*04/30/21 12:06*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 124*		*04/30/21 12:06*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/30/21 12:06*	*1*

Lab Sample ID: LCS 460-774982/5
Matrix: Water
Analysis Batch: 774982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	21.5		ug/L		108	68 - 128
1,1,2,2-Tetrachloroethane	20.0	15.4		ug/L		77	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.3		ug/L		101	59 - 142
1,1,2-Trichloroethane	20.0	16.7		ug/L		84	74 - 125
1,1-Dichloroethane	20.0	20.7		ug/L		104	73 - 130
1,1-Dichloroethene	20.0	19.9		ug/L		100	68 - 133
1,2,3-Trichlorobenzene	20.0	18.5		ug/L		93	53 - 144
1,2,4-Trichlorobenzene	20.0	18.6		ug/L		93	64 - 132
1,2,4-Trimethylbenzene	20.0	19.8		ug/L		99	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	14.0		ug/L		70	41 - 143
1,2-Dichlorobenzene	20.0	18.9		ug/L		95	79 - 122
1,2-Dichloroethane	20.0	18.4		ug/L		92	75 - 121
1,2-Dichloropropane	20.0	19.8		ug/L		99	76 - 126
1,3,5-Trimethylbenzene	20.0	19.0		ug/L		95	75 - 125
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 121
1,4-Dichlorobenzene	20.0	18.9		ug/L		94	80 - 118
2-Butanone (MEK)	100	91.2		ug/L		91	69 - 128
2-Hexanone	100	102		ug/L		102	74 - 127
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	69 - 128
Acetone	100	92.3		ug/L		92	61 - 134
Benzene	20.0	19.6		ug/L		98	78 - 126
Bromoform	20.0	18.1		ug/L		91	38 - 144
Bromomethane	20.0	22.7		ug/L		113	43 - 150
Carbon disulfide	20.0	20.9		ug/L		104	64 - 138
Carbon tetrachloride	20.0	22.5		ug/L		113	56 - 131
Chlorobenzene	20.0	19.5		ug/L		98	80 - 119

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-774982/5
Matrix: Water
Analysis Batch: 774982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobromomethane	20.0	20.2		ug/L		101	73 - 126
Chlorodibromomethane	20.0	19.6		ug/L		98	58 - 130
Chloroethane	20.0	27.9		ug/L		139	50 - 150
Chloroform	20.0	21.3		ug/L		106	78 - 125
Chloromethane	20.0	20.1		ug/L		101	38 - 150
cis-1,2-Dichloroethene	20.0	19.4		ug/L		97	78 - 121
cis-1,3-Dichloropropene	20.0	18.6		ug/L		93	74 - 125
Cyclohexane	20.0	19.5		ug/L		98	67 - 133
Dichlorobromomethane	20.0	20.1		ug/L		100	72 - 121
Dichlorodifluoromethane	20.0	19.6		ug/L		98	31 - 150
Ethylbenzene	20.0	20.8		ug/L		104	78 - 120
Ethylene Dibromide	20.0	17.0		ug/L		85	69 - 126
Isopropylbenzene	20.0	20.4		ug/L		102	79 - 125
Methyl acetate	40.0	31.4		ug/L		79	70 - 127
Methyl tert-butyl ether	20.0	17.6		ug/L		88	65 - 131
Methylcyclohexane	20.0	20.0		ug/L		100	60 - 139
Methylene Chloride	20.0	19.3		ug/L		97	74 - 127
m-Xylene & p-Xylene	20.0	20.0		ug/L		100	78 - 123
n-Butylbenzene	20.0	20.2		ug/L		101	69 - 135
N-Propylbenzene	20.0	18.6		ug/L		93	74 - 129
o-Xylene	20.0	19.4		ug/L		97	78 - 122
sec-Butylbenzene	20.0	18.7		ug/L		94	73 - 129
Styrene	20.0	19.2		ug/L		96	75 - 127
tert-Butylbenzene	20.0	17.4		ug/L		87	72 - 124
Tetrachloroethene	20.0	19.5		ug/L		97	70 - 127
Toluene	20.0	19.2		ug/L		96	78 - 119
trans-1,2-Dichloroethene	20.0	20.1		ug/L		101	74 - 126
trans-1,3-Dichloropropene	20.0	20.9		ug/L		105	66 - 127
Trichloroethene	20.0	20.7		ug/L		104	71 - 121
Trichlorofluoromethane	20.0	19.7		ug/L		99	61 - 140
Vinyl chloride	20.0	20.8		ug/L		104	61 - 144
Xylenes, Total	40.0	39.4		ug/L		99	78 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 123*
4-Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 124*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: LCSD 460-774982/6
Matrix: Water
Analysis Batch: 774982

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	68 - 128	1	30
1,1,2,2-Tetrachloroethane	20.0	16.7		ug/L		83	63 - 139	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9		ug/L		100	59 - 142	2	30
1,1,2-Trichloroethane	20.0	17.5		ug/L		88	74 - 125	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-774982/6
Matrix: Water
Analysis Batch: 774982

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	20.0	20.7		ug/L		103	73 - 130	0	30
1,1-Dichloroethene	20.0	19.8		ug/L		99	68 - 133	0	30
1,2,3-Trichlorobenzene	20.0	18.0		ug/L		90	53 - 144	3	30
1,2,4-Trichlorobenzene	20.0	18.9		ug/L		95	64 - 132	2	30
1,2,4-Trimethylbenzene	20.0	19.1		ug/L		96	75 - 125	3	30
1,2-Dibromo-3-Chloropropane	20.0	17.0		ug/L		85	41 - 143	19	30
1,2-Dichlorobenzene	20.0	19.1		ug/L		96	79 - 122	1	30
1,2-Dichloroethane	20.0	18.8		ug/L		94	75 - 121	2	30
1,2-Dichloropropane	20.0	20.2		ug/L		101	76 - 126	2	30
1,3,5-Trimethylbenzene	20.0	19.1		ug/L		95	75 - 125	0	30
1,3-Dichlorobenzene	20.0	19.2		ug/L		96	80 - 121	4	30
1,4-Dichlorobenzene	20.0	19.5		ug/L		98	80 - 118	3	30
2-Butanone (MEK)	100	84.3		ug/L		84	69 - 128	8	30
2-Hexanone	100	99.6		ug/L		100	74 - 127	3	30
4-Methyl-2-pentanone (MIBK)	100	103		ug/L		103	69 - 128	1	30
Acetone	100	87.0		ug/L		87	61 - 134	6	30
Benzene	20.0	19.7		ug/L		98	78 - 126	1	30
Bromoform	20.0	18.4		ug/L		92	38 - 144	2	30
Bromomethane	20.0	21.5		ug/L		108	43 - 150	5	30
Carbon disulfide	20.0	20.6		ug/L		103	64 - 138	1	30
Carbon tetrachloride	20.0	22.9		ug/L		115	56 - 131	2	30
Chlorobenzene	20.0	19.2		ug/L		96	80 - 119	2	30
Chlorobromomethane	20.0	19.0		ug/L		95	73 - 126	6	30
Chlorodibromomethane	20.0	19.8		ug/L		99	58 - 130	1	30
Chloroethane	20.0	25.6		ug/L		128	50 - 150	8	30
Chloroform	20.0	21.2		ug/L		106	78 - 125	0	30
Chloromethane	20.0	20.2		ug/L		101	38 - 150	0	30
cis-1,2-Dichloroethene	20.0	19.5		ug/L		97	78 - 121	0	30
cis-1,3-Dichloropropene	20.0	18.9		ug/L		95	74 - 125	2	30
Cyclohexane	20.0	19.8		ug/L		99	67 - 133	1	30
Dichlorobromomethane	20.0	20.4		ug/L		102	72 - 121	2	30
Dichlorodifluoromethane	20.0	18.4		ug/L		92	31 - 150	6	30
Ethylbenzene	20.0	20.7		ug/L		104	78 - 120	1	30
Ethylene Dibromide	20.0	17.7		ug/L		88	69 - 126	4	30
Isopropylbenzene	20.0	20.0		ug/L		100	79 - 125	2	30
Methyl acetate	40.0	30.7		ug/L		77	70 - 127	2	30
Methyl tert-butyl ether	20.0	18.1		ug/L		90	65 - 131	3	30
Methylcyclohexane	20.0	18.0		ug/L		90	60 - 139	10	30
Methylene Chloride	20.0	19.2		ug/L		96	74 - 127	1	30
m-Xylene & p-Xylene	20.0	19.2		ug/L		96	78 - 123	4	30
n-Butylbenzene	20.0	18.4		ug/L		92	69 - 135	9	30
N-Propylbenzene	20.0	17.8		ug/L		89	74 - 129	4	30
o-Xylene	20.0	18.9		ug/L		94	78 - 122	3	30
sec-Butylbenzene	20.0	17.5		ug/L		88	73 - 129	6	30
Styrene	20.0	18.8		ug/L		94	75 - 127	2	30
tert-Butylbenzene	20.0	17.4		ug/L		87	72 - 124	1	30
Tetrachloroethene	20.0	20.8		ug/L		104	70 - 127	7	30
Toluene	20.0	19.4		ug/L		97	78 - 119	1	30
trans-1,2-Dichloroethene	20.0	20.5		ug/L		102	74 - 126	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-774982/6
Matrix: Water
Analysis Batch: 774982

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	21.3		ug/L		107	66 - 127	2	30
Trichloroethene			20.0	19.8		ug/L		99	71 - 121	4	30
Trichlorofluoromethane			20.0	19.8		ug/L		99	61 - 140	0	30
Vinyl chloride			20.0	20.5		ug/L		102	61 - 144	1	30
Xylenes, Total			40.0	38.1		ug/L		95	78 - 122	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 123*
4-Bromofluorobenzene	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*77 - 124*
Toluene-d8 (Surr)	*97*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-775169/1-A
Matrix: Water
Analysis Batch: 775252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 775169

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	2.0	U	2.0	0.64	ug/L		05/01/21 07:09	05/01/21 17:32	1
1,2-Dichlorobenzene	10	U	10	0.50	ug/L		05/01/21 07:09	05/01/21 17:32	1
1,3-Dichlorobenzene	10	U	10	2.0	ug/L		05/01/21 07:09	05/01/21 17:32	1
1,4-Dichlorobenzene	10	U	10	0.44	ug/L		05/01/21 07:09	05/01/21 17:32	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		05/01/21 07:09	05/01/21 17:32	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		05/01/21 07:09	05/01/21 17:32	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		05/01/21 07:09	05/01/21 17:32	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		05/01/21 07:09	05/01/21 17:32	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		05/01/21 07:09	05/01/21 17:32	1
2-Nitroaniline	10	U	10	0.47	ug/L		05/01/21 07:09	05/01/21 17:32	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		05/01/21 07:09	05/01/21 17:32	1
3-Nitroaniline	10	U	10	1.9	ug/L		05/01/21 07:09	05/01/21 17:32	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		05/01/21 07:09	05/01/21 17:32	1
4-Chloroaniline	10	U	10	1.9	ug/L		05/01/21 07:09	05/01/21 17:32	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		05/01/21 07:09	05/01/21 17:32	1
4-Nitroaniline	10	U	10	1.2	ug/L		05/01/21 07:09	05/01/21 17:32	1
Acenaphthene	10	U	10	1.1	ug/L		05/01/21 07:09	05/01/21 17:32	1
Acenaphthylene	10	U	10	0.82	ug/L		05/01/21 07:09	05/01/21 17:32	1
Anthracene	10	U	10	1.3	ug/L		05/01/21 07:09	05/01/21 17:32	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		05/01/21 07:09	05/01/21 17:32	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		05/01/21 07:09	05/01/21 17:32	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		05/01/21 07:09	05/01/21 17:32	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		05/01/21 07:09	05/01/21 17:32	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		05/01/21 07:09	05/01/21 17:32	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		05/01/21 07:09	05/01/21 17:32	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		05/01/21 07:09	05/01/21 17:32	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		05/01/21 07:09	05/01/21 17:32	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		05/01/21 07:09	05/01/21 17:32	1
Carbazole	10	U	10	0.68	ug/L		05/01/21 07:09	05/01/21 17:32	1
Chrysene	2.0	U	2.0	0.91	ug/L		05/01/21 07:09	05/01/21 17:32	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-775169/1-A
Matrix: Water
Analysis Batch: 775252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 775169

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		05/01/21 07:09	05/01/21 17:32	1
Dibenzofuran	10	U	10	1.1	ug/L		05/01/21 07:09	05/01/21 17:32	1
Diethyl phthalate	10	U	10	0.98	ug/L		05/01/21 07:09	05/01/21 17:32	1
Dimethyl phthalate	10	U	10	0.77	ug/L		05/01/21 07:09	05/01/21 17:32	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		05/01/21 07:09	05/01/21 17:32	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		05/01/21 07:09	05/01/21 17:32	1
Fluoranthene	10	U	10	0.84	ug/L		05/01/21 07:09	05/01/21 17:32	1
Fluorene	10	U	10	0.91	ug/L		05/01/21 07:09	05/01/21 17:32	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		05/01/21 07:09	05/01/21 17:32	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		05/01/21 07:09	05/01/21 17:32	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		05/01/21 07:09	05/01/21 17:32	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		05/01/21 07:09	05/01/21 17:32	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		05/01/21 07:09	05/01/21 17:32	1
Isophorone	10	U	10	0.80	ug/L		05/01/21 07:09	05/01/21 17:32	1
Naphthalene	2.0	U	2.0	0.54	ug/L		05/01/21 07:09	05/01/21 17:32	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		05/01/21 07:09	05/01/21 17:32	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		05/01/21 07:09	05/01/21 17:32	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		05/01/21 07:09	05/01/21 17:32	1
Phenanthrene	10	U	10	1.3	ug/L		05/01/21 07:09	05/01/21 17:32	1
Pyrene	10	U	10	1.6	ug/L		05/01/21 07:09	05/01/21 17:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*91*		*42 - 127*	*05/01/21 07:09*	*05/01/21 17:32*	*1*
Nitrobenzene-d5 (Surr)	*103*		*46 - 137*	*05/01/21 07:09*	*05/01/21 17:32*	*1*
Terphenyl-d14 (Surr)	*105*		*39 - 150*	*05/01/21 07:09*	*05/01/21 17:32*	*1*

Lab Sample ID: LCS 460-775169/2-A
Matrix: Water
Analysis Batch: 775252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 775169

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	80.0	62.0		ug/L		78	44 - 111
1,2-Dichlorobenzene	80.0	65.2		ug/L		81	45 - 104
1,3-Dichlorobenzene	80.0	63.6		ug/L		80	39 - 102
1,4-Dichlorobenzene	80.0	62.9		ug/L		79	40 - 102
2,2'-oxybis[1-chloropropane]	80.0	75.4		ug/L		94	42 - 116
2,4-Dinitrotoluene	80.0	78.4		ug/L		98	68 - 134
2,6-Dinitrotoluene	80.0	73.9		ug/L		92	70 - 124
2-Chloronaphthalene	80.0	67.1		ug/L		84	57 - 107
2-Methylnaphthalene	80.0	67.1		ug/L		84	55 - 111
2-Nitroaniline	80.0	78.0		ug/L		98	62 - 115
3,3'-Dichlorobenzidine	80.0	67.9		ug/L		85	53 - 125
3-Nitroaniline	80.0	81.3		ug/L		102	60 - 112
4-Bromophenyl phenyl ether	80.0	61.2		ug/L		77	59 - 117
4-Chloroaniline	80.0	70.3		ug/L		88	42 - 114
4-Chlorophenyl phenyl ether	80.0	63.9		ug/L		80	63 - 113
4-Nitroaniline	80.0	83.1		ug/L		104	58 - 120
Acenaphthene	80.0	65.9		ug/L		82	60 - 110

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-775169/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 775252
Prep Batch: 775169

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthylene	80.0	69.3		ug/L		87	64 - 109
Anthracene	80.0	68.3		ug/L		85	65 - 109
Benzo[a]anthracene	80.0	66.1		ug/L		83	62 - 106
Benzo[a]pyrene	80.0	85.0		ug/L		106	66 - 127
Benzo[b]fluoranthene	80.0	80.7		ug/L		101	66 - 125
Benzo[g,h,i]perylene	80.0	60.5		ug/L		76	49 - 149
Benzo[k]fluoranthene	80.0	83.2		ug/L		104	64 - 125
Bis(2-chloroethoxy)methane	80.0	70.5		ug/L		88	64 - 107
Bis(2-chloroethyl)ether	80.0	69.9		ug/L		87	63 - 110
Bis(2-ethylhexyl) phthalate	80.0	85.0		ug/L		106	60 - 120
Butyl benzyl phthalate	80.0	83.7		ug/L		105	58 - 119
Carbazole	80.0	73.8		ug/L		92	65 - 109
Chrysene	80.0	70.3		ug/L		88	63 - 108
Dibenz(a,h)anthracene	80.0	61.7		ug/L		77	55 - 150
Dibenzofuran	80.0	67.3		ug/L		84	66 - 109
Diethyl phthalate	80.0	78.6		ug/L		98	69 - 112
Dimethyl phthalate	80.0	73.2		ug/L		92	70 - 112
Di-n-butyl phthalate	80.0	82.1		ug/L		103	66 - 110
Di-n-octyl phthalate	80.0	98.7		ug/L		123	54 - 128
Fluoranthene	80.0	71.9		ug/L		90	65 - 113
Fluorene	80.0	67.7		ug/L		85	65 - 111
Hexachlorobenzene	80.0	60.9		ug/L		76	61 - 117
Hexachlorobutadiene	80.0	58.0		ug/L		73	10 - 133
Hexachlorocyclopentadiene	80.0	54.8		ug/L		69	10 - 123
Hexachloroethane	80.0	68.9		ug/L		86	17 - 115
Indeno[1,2,3-cd]pyrene	80.0	61.0		ug/L		76	54 - 150
Isophorone	80.0	75.3		ug/L		94	68 - 114
Naphthalene	80.0	67.9		ug/L		85	58 - 105
Nitrobenzene	80.0	75.5		ug/L		94	71 - 116
N-Nitrosodi-n-propylamine	80.0	76.9		ug/L		96	60 - 119
N-Nitrosodiphenylamine	80.0	68.0		ug/L		85	63 - 109
Phenanthrene	80.0	68.4		ug/L		85	65 - 108
Pyrene	80.0	70.9		ug/L		89	54 - 114

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*82*		*42 - 127*
Nitrobenzene-d5 (Surr)	*92*		*46 - 137*
Terphenyl-d14 (Surr)	*97*		*39 - 150*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 460-775407/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 775515
Prep Batch: 775407

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.016	ug/L		05/03/21 08:02	05/03/21 18:30	1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	60		10 - 150	05/03/21 08:02	05/03/21 18:30	1

Lab Sample ID: LCS 460-775407/2-A
Matrix: Water
Analysis Batch: 775515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 775407

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			1.60	1.24		ug/L		78	10 - 200		

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
1,4-Dioxane-d8	55		10 - 200

Lab Sample ID: LCSD 460-775407/3-A
Matrix: Water
Analysis Batch: 775515

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 775407

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			1.60	1.34		ug/L		84	10 - 200	8	50

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Dioxane-d8	62		10 - 200

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Analysis Batch: 774982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233152-1	TW-03_20210428	Total/NA	Water	8260D	
460-233152-2	TW-04_20210428	Total/NA	Water	8260D	
MB 460-774982/10	Method Blank	Total/NA	Water	8260D	
LCS 460-774982/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-774982/6	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 775169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233152-1	TW-03_20210428	Total/NA	Water	3510C	
460-233152-2	TW-04_20210428	Total/NA	Water	3510C	
MB 460-775169/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-775169/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 775252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233152-1	TW-03_20210428	Total/NA	Water	8270E	775169
460-233152-2	TW-04_20210428	Total/NA	Water	8270E	775169
MB 460-775169/1-A	Method Blank	Total/NA	Water	8270E	775169
LCS 460-775169/2-A	Lab Control Sample	Total/NA	Water	8270E	775169

Prep Batch: 775407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233152-1	TW-03_20210428	Total/NA	Water	3510C	
460-233152-2	TW-04_20210428	Total/NA	Water	3510C	
MB 460-775407/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-775407/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-775407/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 775515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233152-1	TW-03_20210428	Total/NA	Water	8270E SIM ID	775407
460-233152-2	TW-04_20210428	Total/NA	Water	8270E SIM ID	775407
MB 460-775407/1-A	Method Blank	Total/NA	Water	8270E SIM ID	775407
LCS 460-775407/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	775407
LCSD 460-775407/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	775407

Client Sample ID: TW-03_20210428
Lab Sample ID: 460-233152-1

Date Collected: 04/28/21 12:30
Matrix: Water
Date Received: 04/28/21 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	774982	04/30/21 16:49	MZS	TAL EDI
Total/NA	Prep	3510C			775169	05/01/21 07:09	DXD	TAL EDI
Total/NA	Analysis	8270E		1	775252	05/02/21 00:57	YAH	TAL EDI
Total/NA	Prep	3510C			775407	05/03/21 08:02	DXD	TAL EDI
Total/NA	Analysis	8270E SIM ID		1	775515	05/04/21 04:39	MME	TAL EDI

Client Sample ID: TW-04_20210428
Lab Sample ID: 460-233152-2

Date Collected: 04/28/21 11:38
Matrix: Water
Date Received: 04/28/21 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	774982	04/30/21 17:14	MZS	TAL EDI
Total/NA	Prep	3510C			775169	05/01/21 07:09	DXD	TAL EDI
Total/NA	Analysis	8270E		1	775252	05/02/21 00:36	YAH	TAL EDI
Total/NA	Prep	3510C			775407	05/03/21 08:02	DXD	TAL EDI
Total/NA	Analysis	8270E SIM ID		1	775515	05/04/21 04:55	MME	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-233152-1
Project/Site: Brookfield Commons - 159 South Lexington

Laboratory: Eurofins TestAmerica, Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-22

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TW-03_20210428	460-233152-1	103	97	97	96
TW-04_20210428	460-233152-2	103	91	95	93
	MB 460-774982/10	101	96	96	98
	LCS 460-774982/5	98	95	94	102
	LCSD 460-774982/6	100	96	97	106

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	75-123
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E24702.D

Lab ID: LCS 460-774982/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.5	108	68-128	
1,1,2,2-Tetrachloroethane	20.0	15.4	77	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.3	101	59-142	
1,1,2-Trichloroethane	20.0	16.7	84	74-125	
1,1-Dichloroethane	20.0	20.7	104	73-130	
1,1-Dichloroethene	20.0	19.9	100	68-133	
1,2,3-Trichlorobenzene	20.0	18.5	93	53-144	
1,2,4-Trichlorobenzene	20.0	18.6	93	64-132	
1,2,4-Trimethylbenzene	20.0	19.8	99	75-125	
1,2-Dibromo-3-Chloropropane	20.0	14.0	70	41-143	
1,2-Dichlorobenzene	20.0	18.9	95	79-122	
1,2-Dichloroethane	20.0	18.4	92	75-121	
1,2-Dichloropropane	20.0	19.8	99	76-126	
1,3,5-Trimethylbenzene	20.0	19.0	95	75-125	
1,3-Dichlorobenzene	20.0	20.0	100	80-121	
1,4-Dichlorobenzene	20.0	18.9	94	80-118	
2-Butanone (MEK)	100	91.2	91	69-128	
2-Hexanone	100	102	102	74-127	
4-Methyl-2-pentanone (MIBK)	100	104	104	69-128	
Acetone	100	92.3	92	61-134	
Benzene	20.0	19.6	98	78-126	
Bromoform	20.0	18.1	91	38-144	
Bromomethane	20.0	22.7	113	43-150	
Carbon disulfide	20.0	20.9	104	64-138	
Carbon tetrachloride	20.0	22.5	113	56-131	
Chlorobenzene	20.0	19.5	98	80-119	
Chlorobromomethane	20.0	20.2	101	73-126	
Chlorodibromomethane	20.0	19.6	98	58-130	
Chloroethane	20.0	27.9	139	50-150	
Chloroform	20.0	21.3	106	78-125	
Chloromethane	20.0	20.1	101	38-150	
cis-1,2-Dichloroethene	20.0	19.4	97	78-121	
cis-1,3-Dichloropropene	20.0	18.6	93	74-125	
Cyclohexane	20.0	19.5	98	67-133	
Dichlorobromomethane	20.0	20.1	100	72-121	
Dichlorodifluoromethane	20.0	19.6	98	31-150	
Ethylbenzene	20.0	20.8	104	78-120	
Ethylene Dibromide	20.0	17.0	85	69-126	
Isopropylbenzene	20.0	20.4	102	79-125	
Methyl acetate	40.0	31.4	79	70-127	
Methyl tert-butyl ether	20.0	17.6	88	65-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E24702.D

Lab ID: LCS 460-774982/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	20.0	100	60-139	
Methylene Chloride	20.0	19.3	97	74-127	
m-Xylene & p-Xylene	20.0	20.0	100	78-123	
n-Butylbenzene	20.0	20.2	101	69-135	
N-Propylbenzene	20.0	18.6	93	74-129	
o-Xylene	20.0	19.4	97	78-122	
sec-Butylbenzene	20.0	18.7	94	73-129	
Styrene	20.0	19.2	96	75-127	
tert-Butylbenzene	20.0	17.4	87	72-124	
Tetrachloroethene	20.0	19.5	97	70-127	
Toluene	20.0	19.2	96	78-119	
trans-1,2-Dichloroethene	20.0	20.1	101	74-126	
trans-1,3-Dichloropropene	20.0	20.9	105	66-127	
Trichloroethene	20.0	20.7	104	71-121	
Trichlorofluoromethane	20.0	19.7	99	61-140	
Vinyl chloride	20.0	20.8	104	61-144	
Xylenes, Total	40.0	39.4	99	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E24703.D

Lab ID: LCSD 460-774982/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.8	109	1	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	16.7	83	8	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9	100	2	30	59-142	
1,1,2-Trichloroethane	20.0	17.5	88	5	30	74-125	
1,1-Dichloroethane	20.0	20.7	103	0	30	73-130	
1,1-Dichloroethene	20.0	19.8	99	0	30	68-133	
1,2,3-Trichlorobenzene	20.0	18.0	90	3	30	53-144	
1,2,4-Trichlorobenzene	20.0	18.9	95	2	30	64-132	
1,2,4-Trimethylbenzene	20.0	19.1	96	3	30	75-125	
1,2-Dibromo-3-Chloropropane	20.0	17.0	85	19	30	41-143	
1,2-Dichlorobenzene	20.0	19.1	96	1	30	79-122	
1,2-Dichloroethane	20.0	18.8	94	2	30	75-121	
1,2-Dichloropropane	20.0	20.2	101	2	30	76-126	
1,3,5-Trimethylbenzene	20.0	19.1	95	0	30	75-125	
1,3-Dichlorobenzene	20.0	19.2	96	4	30	80-121	
1,4-Dichlorobenzene	20.0	19.5	98	3	30	80-118	
2-Butanone (MEK)	100	84.3	84	8	30	69-128	
2-Hexanone	100	99.6	100	3	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	103	103	1	30	69-128	
Acetone	100	87.0	87	6	30	61-134	
Benzene	20.0	19.7	98	1	30	78-126	
Bromoform	20.0	18.4	92	2	30	38-144	
Bromomethane	20.0	21.5	108	5	30	43-150	
Carbon disulfide	20.0	20.6	103	1	30	64-138	
Carbon tetrachloride	20.0	22.9	115	2	30	56-131	
Chlorobenzene	20.0	19.2	96	2	30	80-119	
Chlorobromomethane	20.0	19.0	95	6	30	73-126	
Chlorodibromomethane	20.0	19.8	99	1	30	58-130	
Chloroethane	20.0	25.6	128	8	30	50-150	
Chloroform	20.0	21.2	106	0	30	78-125	
Chloromethane	20.0	20.2	101	0	30	38-150	
cis-1,2-Dichloroethene	20.0	19.5	97	0	30	78-121	
cis-1,3-Dichloropropene	20.0	18.9	95	2	30	74-125	
Cyclohexane	20.0	19.8	99	1	30	67-133	
Dichlorobromomethane	20.0	20.4	102	2	30	72-121	
Dichlorodifluoromethane	20.0	18.4	92	6	30	31-150	
Ethylbenzene	20.0	20.7	104	1	30	78-120	
Ethylene Dibromide	20.0	17.7	88	4	30	69-126	
Isopropylbenzene	20.0	20.0	100	2	30	79-125	
Methyl acetate	40.0	30.7	77	2	30	70-127	
Methyl tert-butyl ether	20.0	18.1	90	3	30	65-131	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E24703.D

Lab ID: LCSD 460-774982/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylcyclohexane	20.0	18.0	90	10	30	60-139	
Methylene Chloride	20.0	19.2	96	1	30	74-127	
m-Xylene & p-Xylene	20.0	19.2	96	4	30	78-123	
n-Butylbenzene	20.0	18.4	92	9	30	69-135	
N-Propylbenzene	20.0	17.8	89	4	30	74-129	
o-Xylene	20.0	18.9	94	3	30	78-122	
sec-Butylbenzene	20.0	17.5	88	6	30	73-129	
Styrene	20.0	18.8	94	2	30	75-127	
tert-Butylbenzene	20.0	17.4	87	1	30	72-124	
Tetrachloroethene	20.0	20.8	104	7	30	70-127	
Toluene	20.0	19.4	97	1	30	78-119	
trans-1,2-Dichloroethene	20.0	20.5	102	2	30	74-126	
trans-1,3-Dichloropropene	20.0	21.3	107	2	30	66-127	
Trichloroethene	20.0	19.8	99	4	30	71-121	
Trichlorofluoromethane	20.0	19.8	99	0	30	61-140	
Vinyl chloride	20.0	20.5	102	1	30	61-144	
Xylenes, Total	40.0	38.1	95	3	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab File ID: E24707.D Lab Sample ID: MB 460-774982/10

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS5 Date Analyzed: 04/30/2021 12:06

GC Column: Rtx-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-774982/5	E24702.D	04/30/2021 10:01
	LCSD 460-774982/6	E24703.D	04/30/2021 10:26
TW-03_20210428	460-233152-1	E24717.D	04/30/2021 16:49
TW-04_20210428	460-233152-2	E24718.D	04/30/2021 17:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab File ID: E23350.D BFB Injection Date: 03/30/2021

Instrument ID: CVOAMS5 BFB Injection Time: 10:05

Analysis Batch No.: 768237

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	138.0
96	5 - 9% of m/z 95	7.0
173	Less than 2% of m/z 174	1.2
174	50 - 200% of m/z 95	72.5
175	5 - 9% of m/z 174	7.8
176	95 -105% of m/z 174	98.4
177	5 - 10% of m/z 176	6.5

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-768237/3	E23352.D	03/30/2021	11:36
	STD5 460-768237/5	E23354.D	03/30/2021	12:28
	STD20 460-768237/6	E23355.D	03/30/2021	12:54
	STD50 460-768237/7	E23356.D	03/30/2021	13:20
	STD200 460-768237/8	E23357.D	03/30/2021	13:46
	STD500 460-768237/9	E23358.D	03/30/2021	14:12
	STD1 460-768237/21	E23370.D	03/30/2021	20:10
	ICV 460-768237/22	E23371.D	03/30/2021	20:57

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab File ID: E24698.D BFB Injection Date: 04/30/2021

Instrument ID: CVOAMS5 BFB Injection Time: 08:21

Analysis Batch No.: 774982

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	136.1
96	5 - 9% of m/z 95	7.3
173	Less than 2% of m/z 174	1.5
174	50 - 200% of m/z 95	73.5
175	5 - 9% of m/z 174	6.8
176	95 -105% of m/z 174	99.0
177	5 - 10% of m/z 176	6.0

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-774982/4	E24701.D	04/30/2021	9:36
	LCS 460-774982/5	E24702.D	04/30/2021	10:01
	LCSD 460-774982/6	E24703.D	04/30/2021	10:26
	MB 460-774982/10	E24707.D	04/30/2021	12:06
TW-03_20210428	460-233152-1	E24717.D	04/30/2021	16:49
TW-04_20210428	460-233152-2	E24718.D	04/30/2021	17:14

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Sample No.: STD20 460-768237/6 Date Analyzed: 03/30/2021 12:54

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E23355.D Heated Purge: (Y/N) N

Calibration ID: 84268

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		164635	1.88	223674	2.87	504021	3.43
UPPER LIMIT		329270	2.38	447348	3.37	1008042	3.93
LOWER LIMIT		82318	1.38	111837	2.37	252011	2.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-768237/22		172422	1.88	228803	2.87	520973	3.42

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Sample No.: STD20 460-768237/6 Date Analyzed: 03/30/2021 12:54

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E23355.D Heated Purge: (Y/N) N

Calibration ID: 84268

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		23897	4.29	452936	6.76	167562	10.26
UPPER LIMIT		47794	4.79	905872	7.26	335124	10.76
LOWER LIMIT		11949	3.79	226468	6.26	83781	9.76
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-768237/22		21476	4.29	444113	6.76	173796	10.25

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Sample No.: CCVIS 460-774982/4 Date Analyzed: 04/30/2021 09:36

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E24701.D Heated Purge: (Y/N) N

Calibration ID: 84268

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		122510	1.88	157804	2.87	434749	3.42
UPPER LIMIT		245020	2.38	315608	3.37	869498	3.92
LOWER LIMIT		61255	1.38	78902	2.37	217375	2.92
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-774982/5		124405	1.88	146669	2.87	433391	3.42
LCSD 460-774982/6		124214	1.88	155753	2.87	432697	3.42
MB 460-774982/10		118434	1.88	138657	2.87	413387	3.42
460-233152-1	TW-03_20210428	117599	1.88	132046	2.87	383605	3.42
460-233152-2	TW-04_20210428	116263	1.88	138637	2.87	395383	3.42

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Sample No.: CCVIS 460-774982/4 Date Analyzed: 04/30/2021 09:36

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E24701.D Heated Purge: (Y/N) N

Calibration ID: 84268

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		14397	4.29	391037	6.76	154304	10.25
UPPER LIMIT		28794	4.79	782074	7.26	308608	10.75
LOWER LIMIT		7199	3.79	195519	6.26	77152	9.75
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-774982/5		14155	4.28	392635	6.76	152728	10.25
LCSD 460-774982/6		15512	4.29	392350	6.76	155864	10.25
MB 460-774982/10		14147	4.30	369522	6.76	136592	10.25
460-233152-1	TW-03_20210428	13326	4.29	338736	6.76	123520	10.25
460-233152-2	TW-04_20210428	13689	4.30	354282	6.76	122326	10.25

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: TW-03_20210428 Lab Sample ID: 460-233152-1

Matrix: Water Lab File ID: E24717.D

Analysis Method: 8260D Date Collected: 04/28/2021 12:30

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 16:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: TW-03_20210428 Lab Sample ID: 460-233152-1

Matrix: Water Lab File ID: E24717.D

Analysis Method: 8260D Date Collected: 04/28/2021 12:30

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 16:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24717.D
Lims ID: 460-233152-A-1
Client ID: TW-03_20210428
Sample Type: Client
Inject. Date: 30-Apr-2021 16:49:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233152-A-1
Misc. Info.: 460-0127880-020
Operator ID: Instrument ID: CVOAMS5

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-May-2021 10:08:45 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1647

First Level Reviewer: sgroa Date: 01-May-2021 16:10:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.875	1.883	-0.008	99	117599	1000.0	
$ 51 Dibromofluoromethane (Surr)	113	2.805	2.805	0.000	95	127197	51.5	
* 53 2-Butanone-d5	46	2.871	2.871	0.000	99	132046	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.200	3.200	0.000	97	140529	48.5	
* 66 Fluorobenzene	96	3.422	3.422	0.000	99	383605	50.0	
* 76 1,4-Dioxane-d8	96	4.286	4.287	0.000	96	13326	1000.0	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	99	486575	48.7	
* 96 Chlorobenzene-d5	117	6.755	6.755	0.000	86	338736	50.0	
$ 107 4-Bromofluorobenzene	174	8.508	8.508	0.000	87	111090	48.1	
* 123 1,4-Dichlorobenzene-d4	152	10.253	10.253	0.000	96	123520	50.0	

Reagents:

8260ISNEW_00140 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00217 Amount Added: 1.00 Units: uL Run Reagent

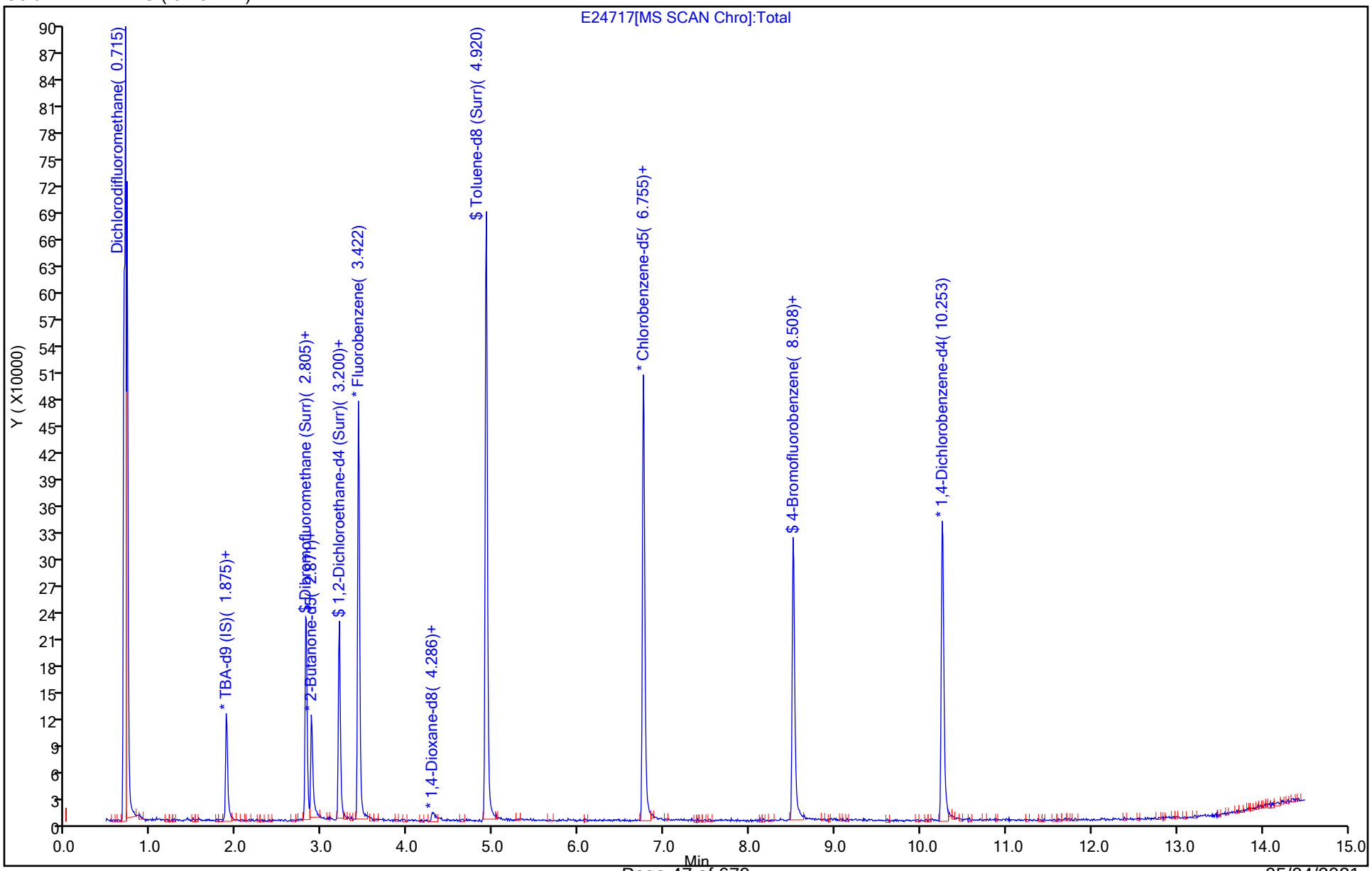
Report Date: 02-May-2021 10:12:55 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24717.D

Injection Date:	30-Apr-2021 16:49:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-233152-A-1	Lab Sample ID:	460-233152-1	Worklist Smp#:	20
Client ID:	TW-03_20210428				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-VMS (0.18 mm)



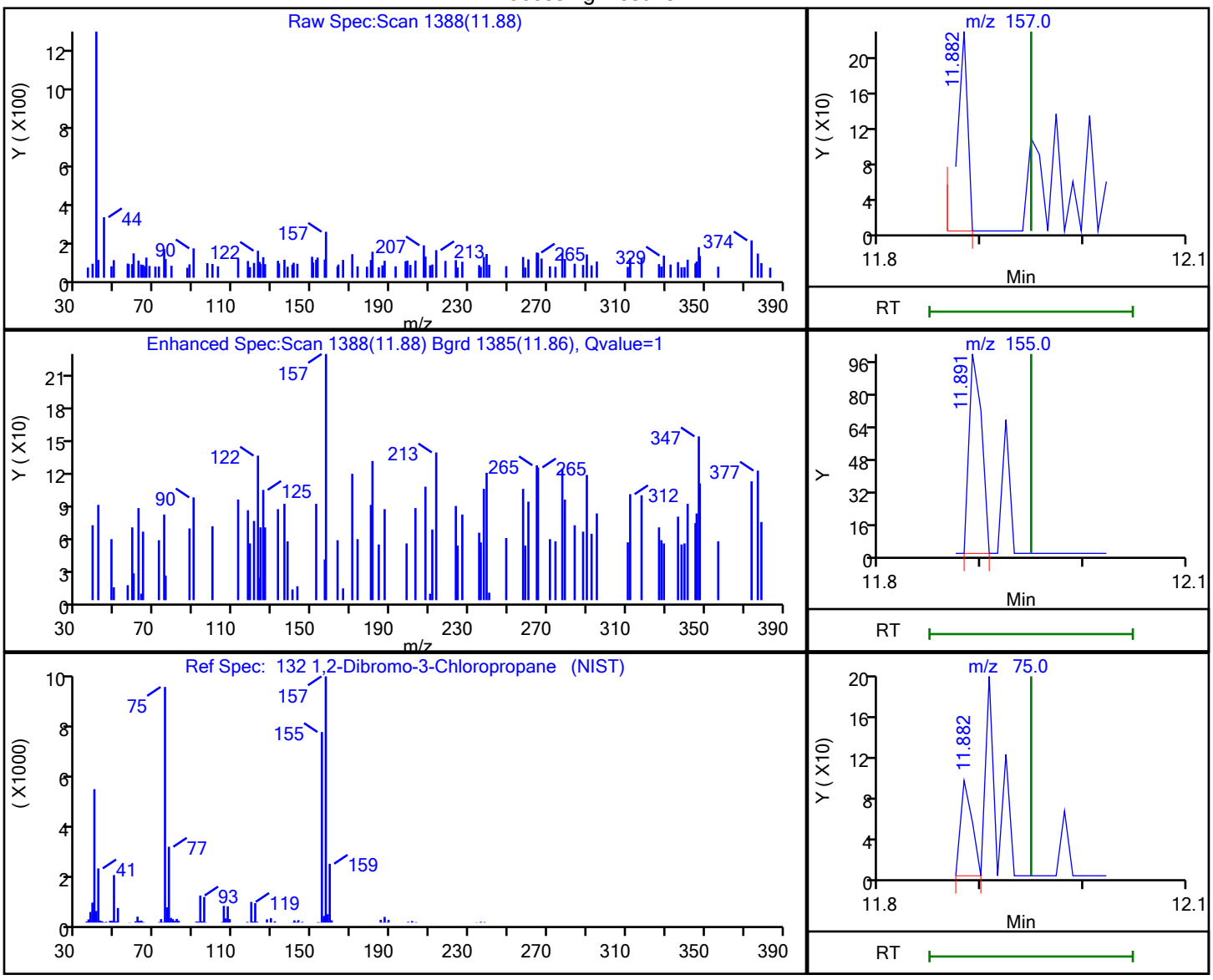
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24717.D				
Injection Date:	30-Apr-2021 16:49:30	Instrument ID:	CVOAMS5		
Lims ID:	460-233152-A-1	Lab Sample ID:	460-233152-1		
Client ID:	TW-03_20210428				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

132 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
11.88	157.00	150	0.405251
11.89	155.00	85	
11.88	75.00	73	

Reviewer: sgroa, 01-May-2021 16:10:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

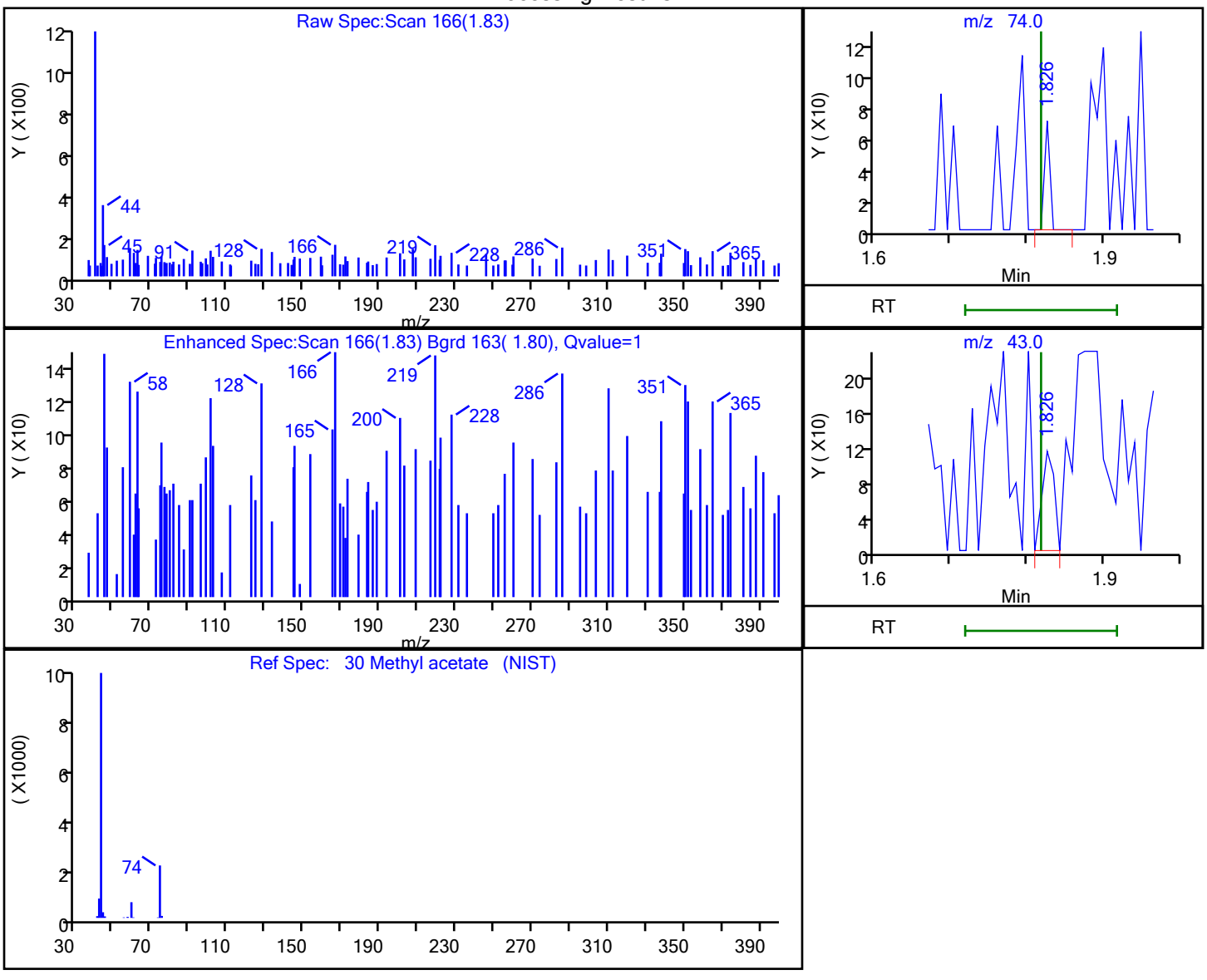
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24717.D		
Injection Date:	30-Apr-2021 16:49:30	Instrument ID:	CVOAMS5
Lims ID:	460-233152-A-1	Lab Sample ID:	460-233152-1
Client ID:	TW-03_20210428		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

30 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
1.83	74.00	34	1.075312
1.83	43.00	125	

Reviewer: sgroa, 01-May-2021 16:10:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

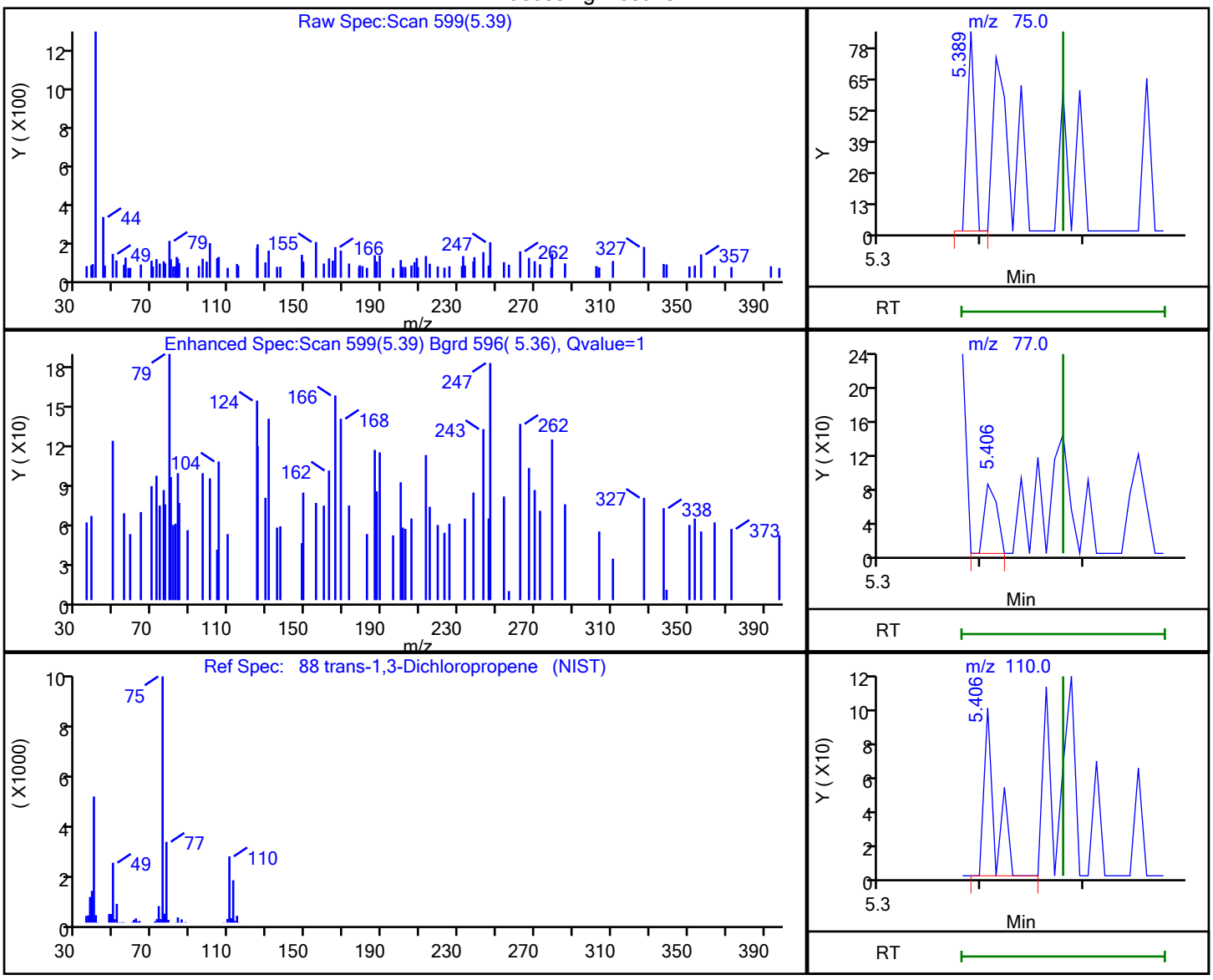
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24717.D				
Injection Date:	30-Apr-2021 16:49:30	Instrument ID:	CVOAMS5		
Lims ID:	460-233152-A-1	Lab Sample ID:	460-233152-1		
Client ID:	TW-03_20210428				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

88 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
5.39	75.00	42	0.626602
5.41	77.00	70	
5.41	110.00	72	

Reviewer: sgroa, 01-May-2021 16:10:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: TW-04_20210428 Lab Sample ID: 460-233152-2

Matrix: Water Lab File ID: E24718.D

Analysis Method: 8260D Date Collected: 04/28/2021 11:38

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 17:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.46	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	76		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: TW-04_20210428 Lab Sample ID: 460-233152-2

Matrix: Water Lab File ID: E24718.D

Analysis Method: 8260D Date Collected: 04/28/2021 11:38

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 17:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.75	J	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	440		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.50	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	9.5		1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	4.1		1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		75-123
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24718.D
Lims ID: 460-233152-A-2
Client ID: TW-04_20210428
Sample Type: Client
Inject. Date: 30-Apr-2021 17:14:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-233152-A-2
Misc. Info.: 460-0127880-021
Operator ID: Instrument ID: CVOAMS5

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-May-2021 10:13:51 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1647

First Level Reviewer: sgroa Date: 01-May-2021 16:11:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	0.896	0.896	0.000	97	13268	4.05	
29 trans-1,2-Dichloroethene	96	1.801	1.801	0.000	74	1150	0.4951	
32 Methyl tert-butyl ether	73	1.859	1.859	0.000	64	4524	0.7466	
* 33 TBA-d9 (IS)	65	1.875	1.883	-0.008	97	116263	1000.0	
42 cis-1,2-Dichloroethene	96	2.492	2.492	0.000	96	199208	76.3	
46 Chloroform	83	2.690	2.682	0.008	76	1864	0.4562	
$ 51 Dibromofluoromethane (Surr)	113	2.805	2.805	0.000	96	130976	51.5	
* 53 2-Butanone-d5	46	2.871	2.871	0.000	99	138637	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.200	3.200	0.000	95	136080	45.6	
* 66 Fluorobenzene	96	3.422	3.422	0.000	99	395383	50.0	
69 Trichloroethene	95	3.570	3.571	-0.001	98	22404	9.49	
* 76 1,4-Dioxane-d8	96	4.295	4.287	0.009	90	13689	1000.0	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	99	495932	47.5	
86 Tetrachloroethene	166	5.389	5.389	0.000	97	764551	441.2	
* 96 Chlorobenzene-d5	117	6.755	6.755	0.000	86	354282	50.0	
$ 107 4-Bromofluorobenzene	174	8.516	8.508	0.008	92	111898	46.3	
* 123 1,4-Dichlorobenzene-d4	152	10.253	10.253	0.000	95	122326	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00140 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00217 Amount Added: 1.00 Units: uL Run Reagent

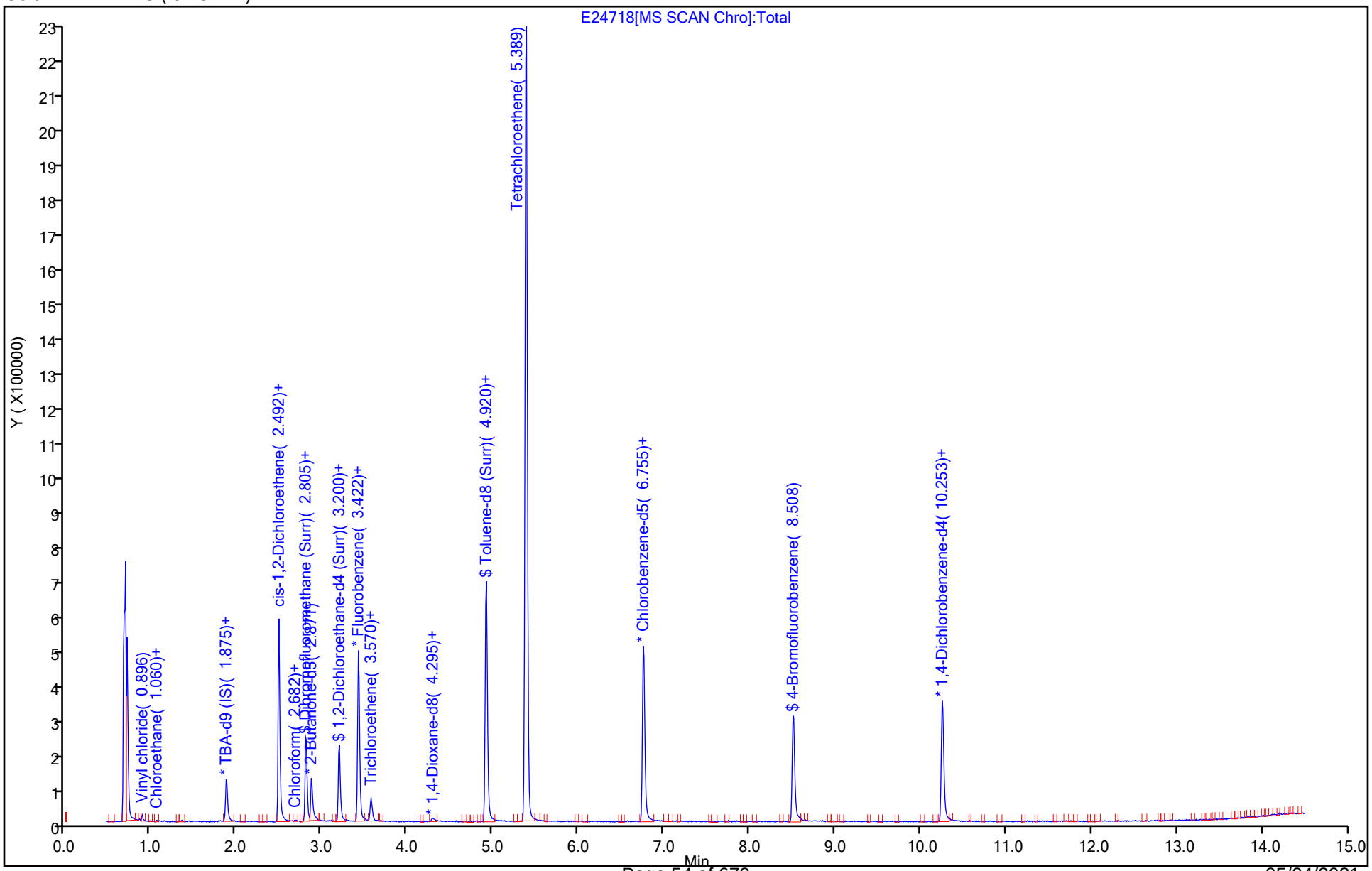
Report Date: 02-May-2021 10:13:52 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24718.D

Injection Date:	30-Apr-2021 17:14:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-233152-A-2	Lab Sample ID:	460-233152-2	Worklist Smp#:	21
Client ID:	TW-04_20210428				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		

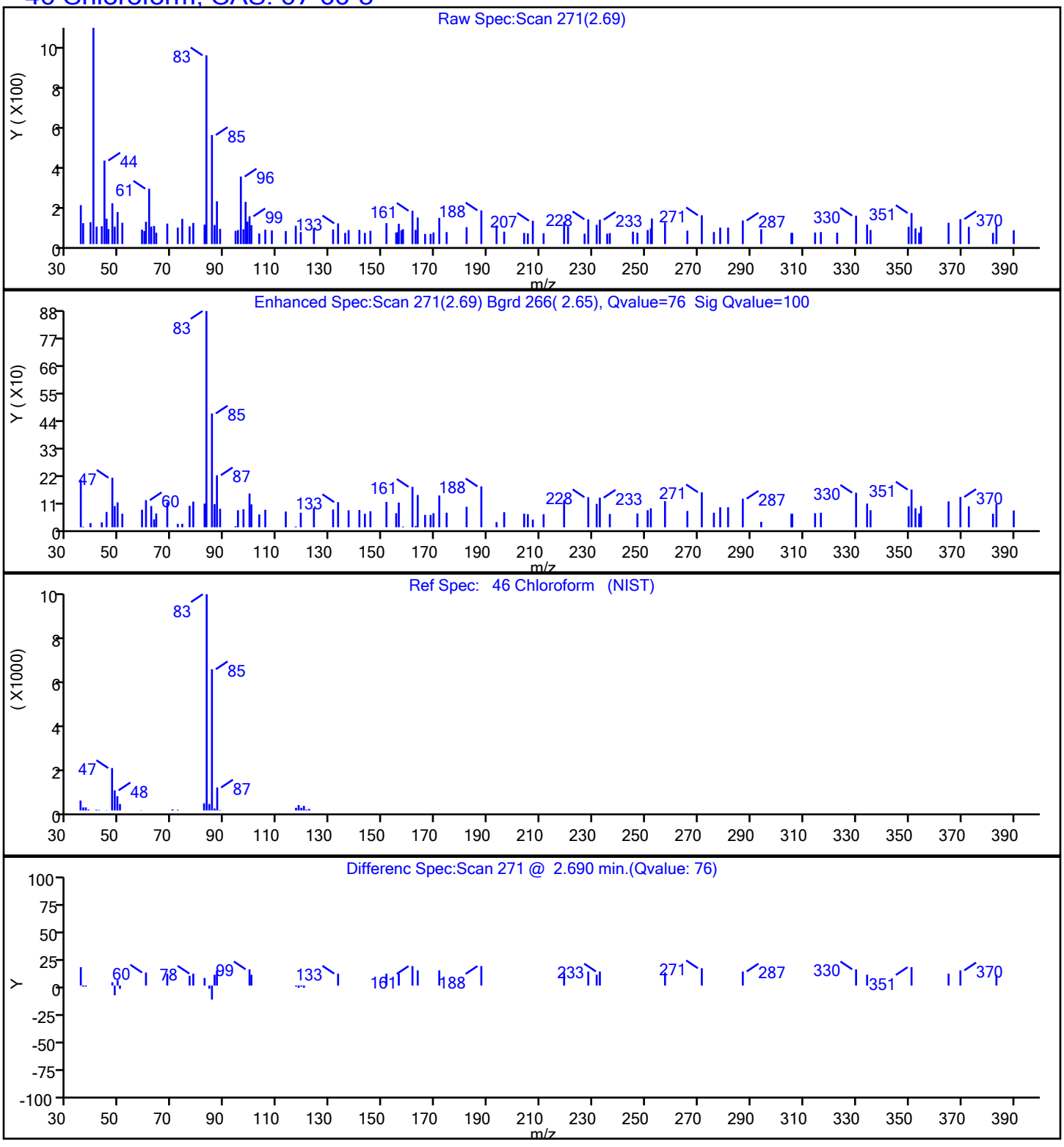
Column: Rtx-VMS (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24718.D				
Injection Date:	30-Apr-2021 17:14:30	Instrument ID:	CVOAMS5		
Lims ID:	460-233152-A-2	Lab Sample ID:	460-233152-2		
Client ID:	TW-04_20210428				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

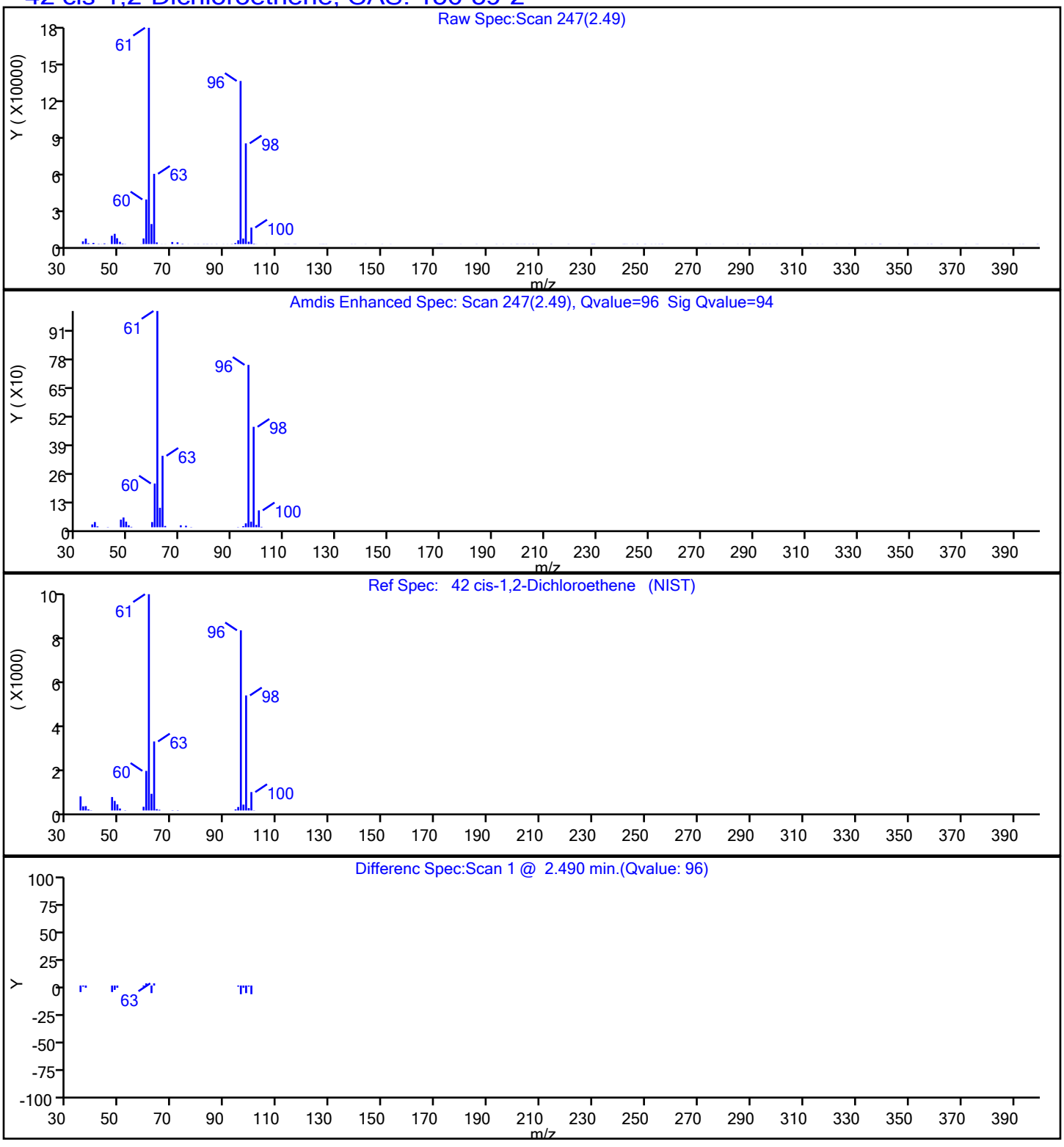
46 Chloroform, CAS: 67-66-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24718.D				
Injection Date:	30-Apr-2021 17:14:30	Instrument ID:	CVOAMS5		
Lims ID:	460-233152-A-2	Lab Sample ID:	460-233152-2		
Client ID:	TW-04_20210428				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

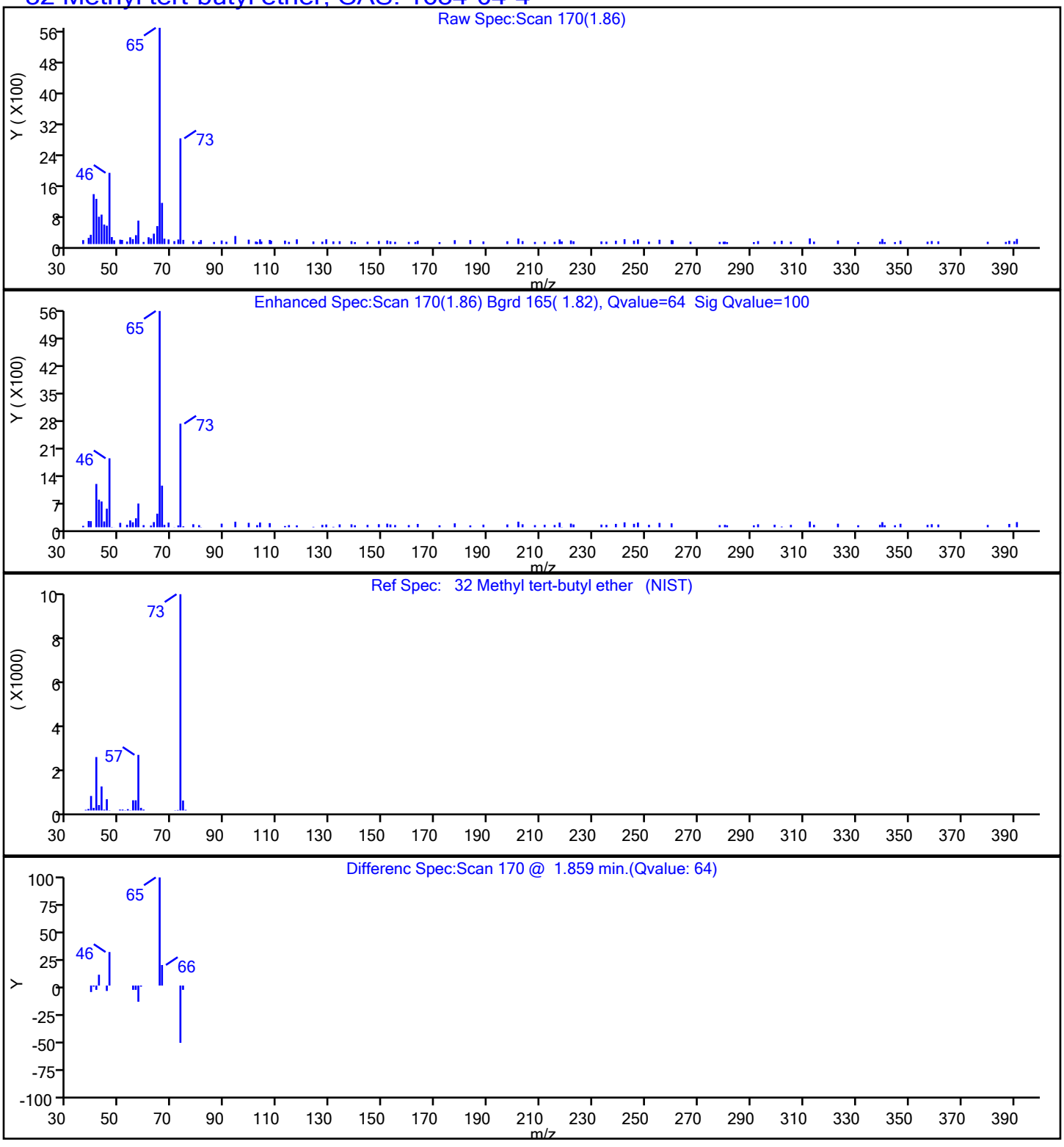
42 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24718.D				
Injection Date:	30-Apr-2021 17:14:30	Instrument ID:	CVOAMS5		
Lims ID:	460-233152-A-2	Lab Sample ID:	460-233152-2		
Client ID:	TW-04_20210428				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

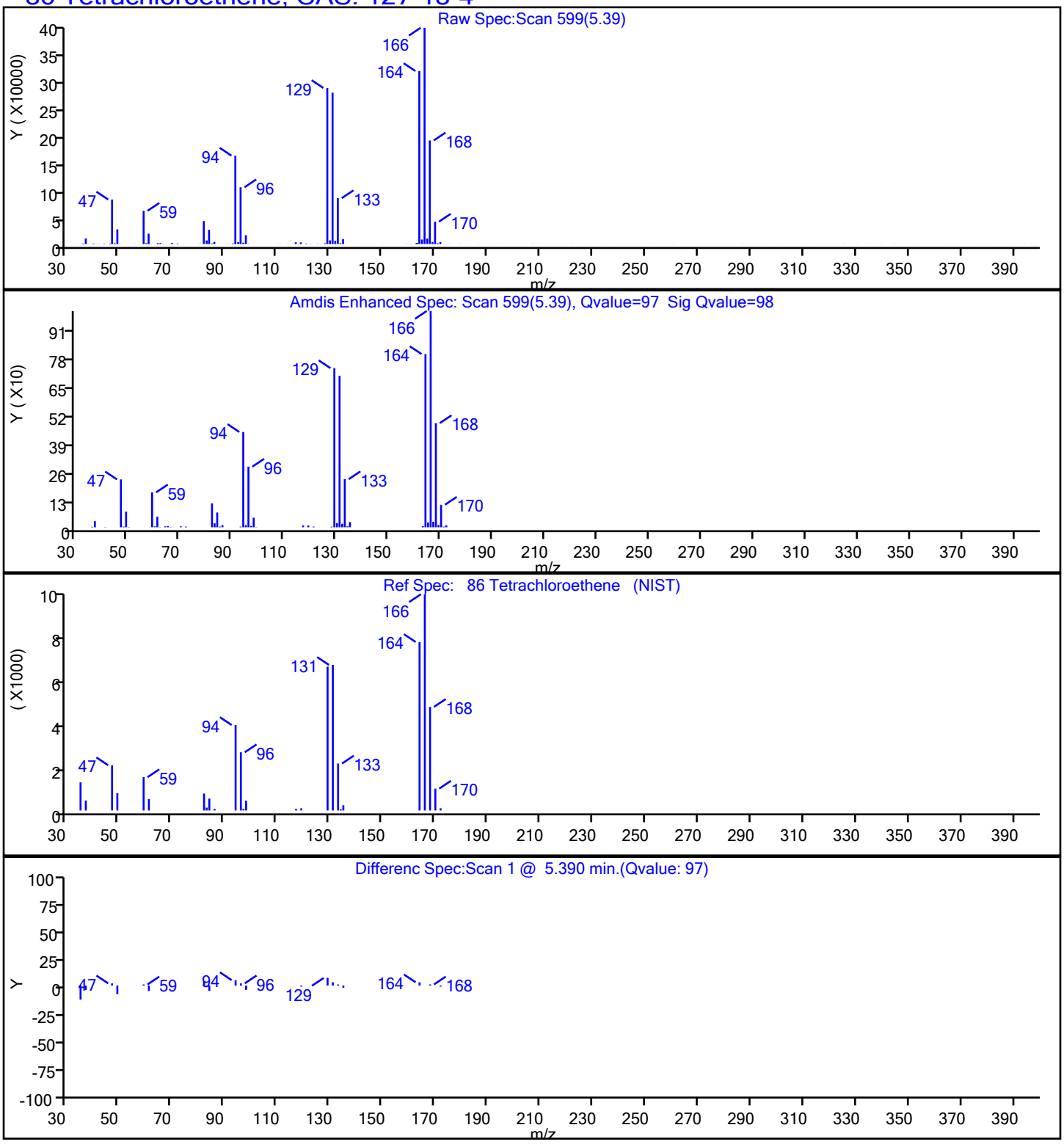
32 Methyl tert-butyl ether, CAS: 1634-04-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24718.D				
Injection Date:	30-Apr-2021 17:14:30	Instrument ID:	CVOAMS5		
Lims ID:	460-233152-A-2	Lab Sample ID:	460-233152-2		
Client ID:	TW-04_20210428				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

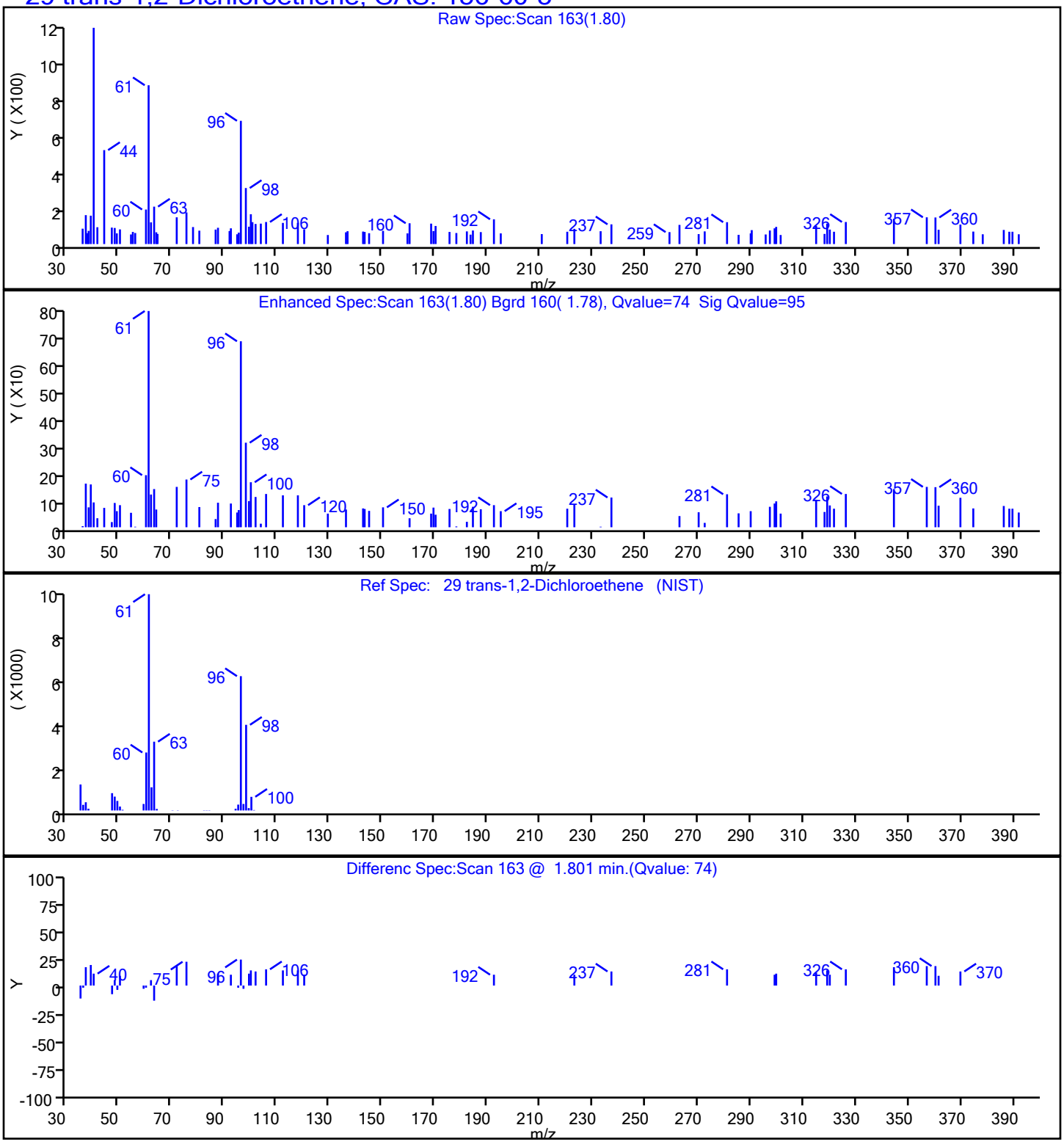
86 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24718.D				
Injection Date:	30-Apr-2021 17:14:30	Instrument ID:	CVOAMS5		
Lims ID:	460-233152-A-2	Lab Sample ID:	460-233152-2		
Client ID:	TW-04_20210428				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

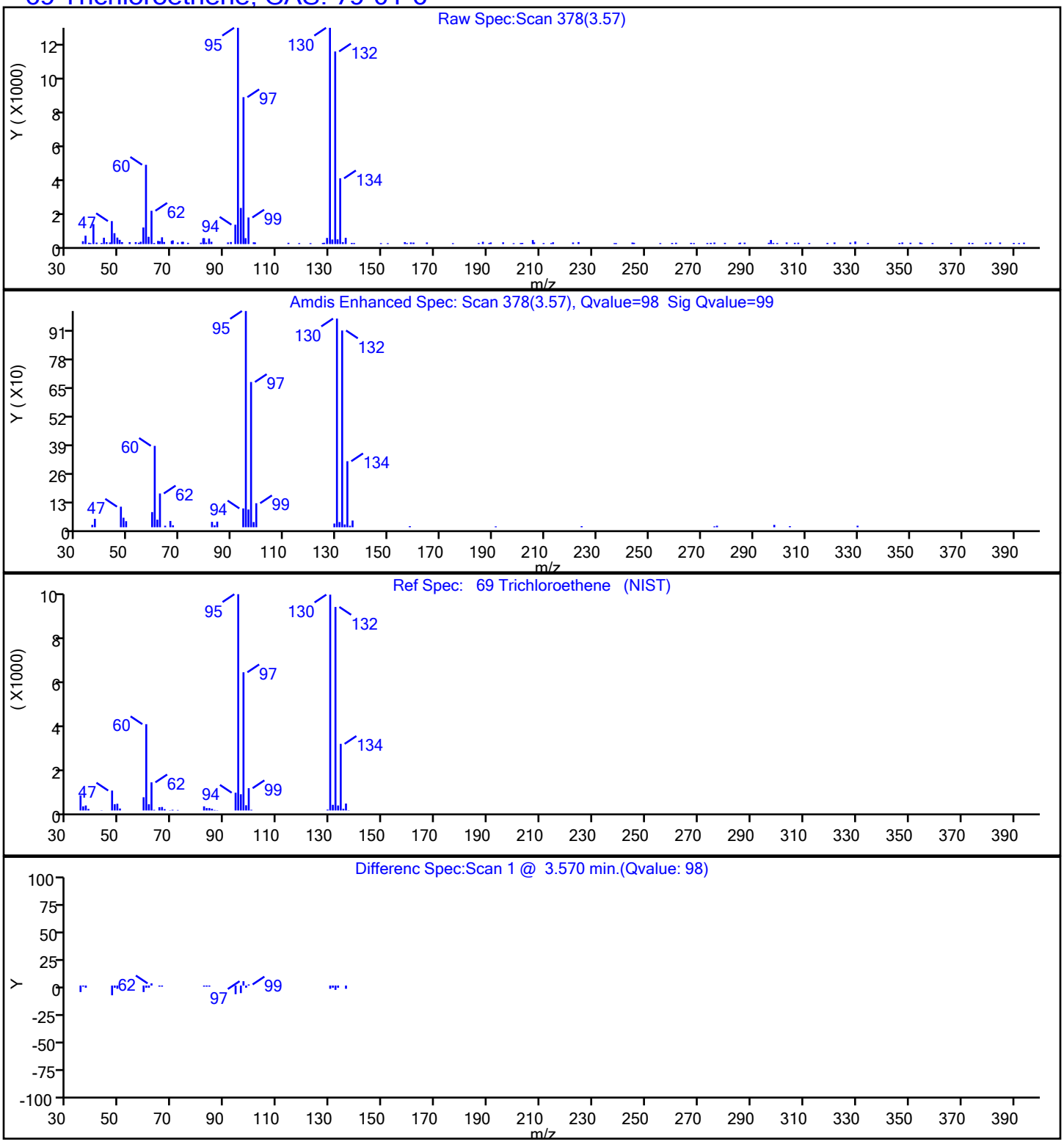
29 trans-1,2-Dichloroethene, CAS: 156-60-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24718.D				
Injection Date:	30-Apr-2021 17:14:30	Instrument ID:	CVOAMS5		
Lims ID:	460-233152-A-2	Lab Sample ID:	460-233152-2		
Client ID:	TW-04_20210428				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

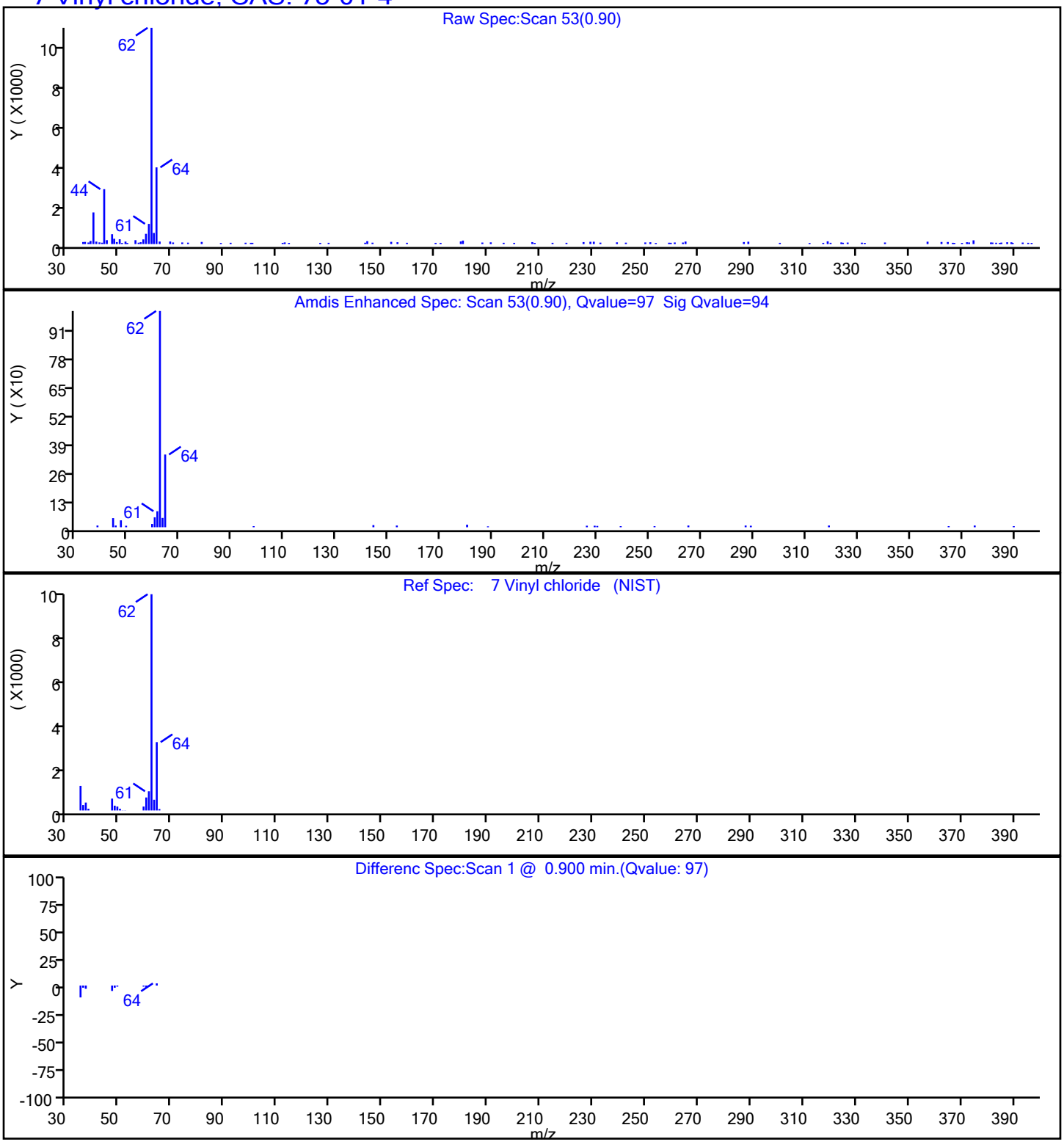
69 Trichloroethene, CAS: 79-01-6



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24718.D				
Injection Date:	30-Apr-2021 17:14:30	Instrument ID:	CVOAMS5		
Lims ID:	460-233152-A-2	Lab Sample ID:	460-233152-2		
Client ID:	TW-04_20210428				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

7 Vinyl chloride, CAS: 75-01-4



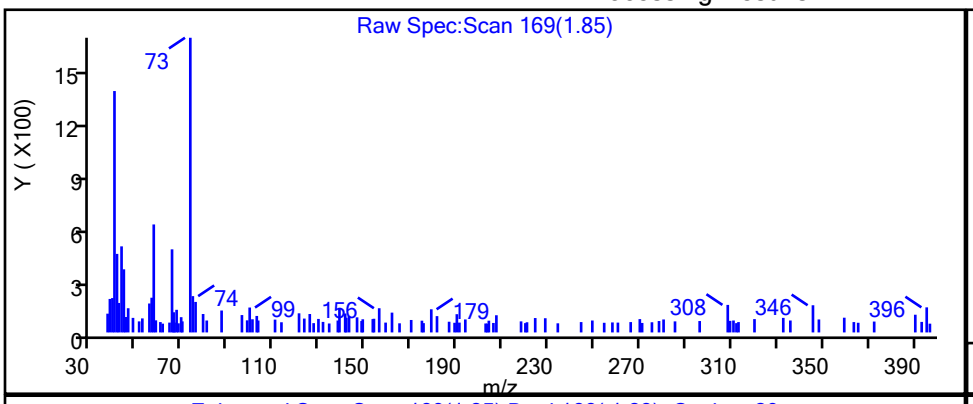
User Disabled Compound Report

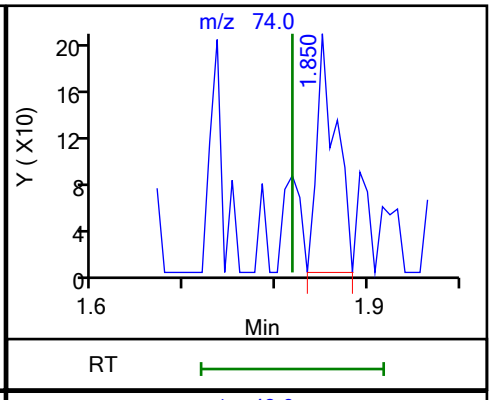
Eurofins TestAmerica, Edison

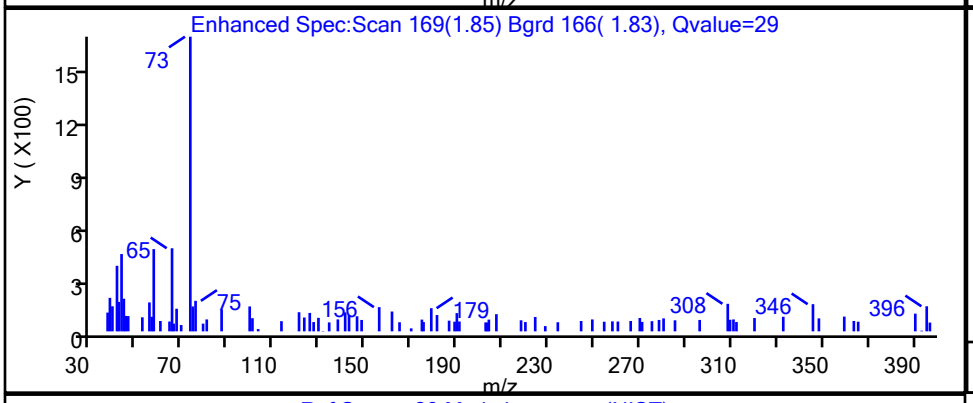
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24718.D		
Injection Date:	30-Apr-2021 17:14:30	Instrument ID:	CVOAMS5
Lims ID:	460-233152-A-2	Lab Sample ID:	460-233152-2
Client ID:	TW-04_20210428		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

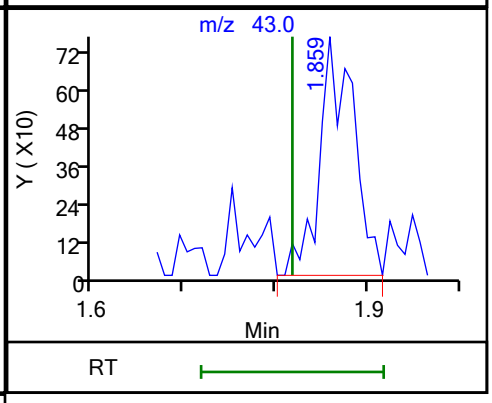
30 Methyl acetate, CAS: 79-20-9

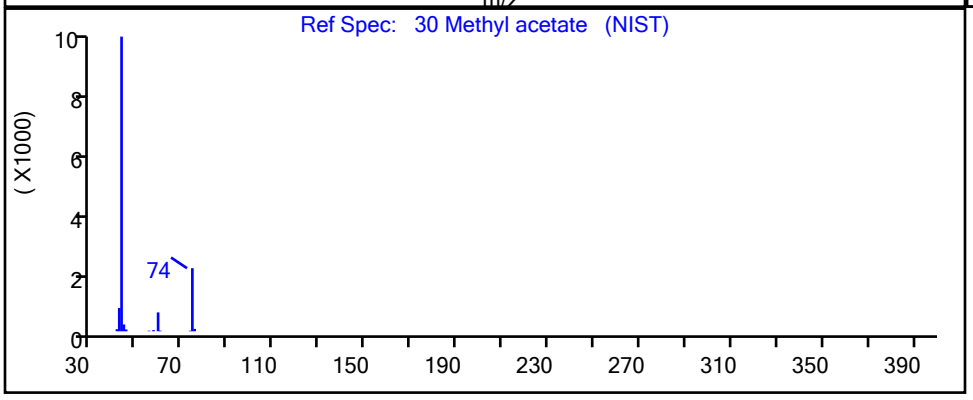
Processing Results











RT	Mass	Response	Amount
1.85	74.00	303	2.030533
1.86	43.00	1971	

Reviewer: xuyvo, 02-May-2021 10:13:21

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-768237/3	E23352.D
Level 2	STD1 460-768237/21	E23370.D
Level 3	STD5 460-768237/5	E23354.D
Level 4	STD20 460-768237/6	E23355.D
Level 5	STD50 460-768237/7	E23356.D
Level 6	STD200 460-768237/8	E23357.D
Level 7	STD500 460-768237/9	E23358.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 1.2862	1.0395 1.2444	0.8682	0.9554	0.9959	Ave		1.0649				15.6		20.0			
Dichlorodifluoromethane	+++++ 0.4262	0.3774 0.4047	0.3588	0.4310	0.4164	Ave		0.4024			0.1000	7.1		20.0			
Chlorodifluoromethane	+++++ 0.0405	0.0357 0.0399	0.0258	0.0402	0.0393	Ave		0.0369				15.4		20.0			
Vinyl chloride	+++++ 0.4348	0.3491 0.4129	0.4072	0.4415	0.4376	Ave		0.4138			0.1000	8.4		20.0			
Chloromethane	+++++ 0.5943	0.5705 0.5708	0.5366	0.5731	0.5687	Ave		0.5690			0.1000	3.3		20.0			
Butadiene	+++++ 0.4105	0.3744 0.3716	0.3639	0.4104	0.3885	Ave		0.3865				5.2		20.0			
Bromomethane	+++++ 0.2032	0.1149 0.2021	0.1822	0.1800	0.1801	Ave		0.1771			0.1000	18.3		20.0			
Chloroethane	+++++ 2.4712	2.5850 1.8109	2.7435	2.7229	2.2697	Ave		2.4339			0.1000	14.5		20.0			
Pentane	+++++ 0.3961	0.5012 0.3426	0.4122	0.4143	0.3810	Ave		0.4079				12.9		20.0			
Trichlorofluoromethane	+++++ 0.4043	0.3545 0.3731	0.3711	0.4289	0.4192	Ave		0.3918			0.1000	7.6		20.0			
Dichlorofluoromethane	+++++ 0.4390	0.4128 0.3652	0.3995	0.4337	0.4513	Ave		0.4169				7.5		20.0			
2-Methyl-1,3-butadiene	+++++ 0.4478	0.3795 0.4358	0.4101	0.4629	0.4380	Ave		0.4290				6.9		20.0			
Ethyl ether	+++++ 0.2485	0.2015 0.2306	0.2510	0.2651	0.2452	Ave		0.2403				9.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.1473	0.2041 0.1240	0.2333	0.1992	0.1641	QuaF		0.1645	-0.000002						1.0000		0.9900
1,1-Dichloroethene	+++++ 0.2587	0.2350 0.2350	0.2590	0.2829	0.2572	Ave		0.2546			0.1000	7.1		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.4085	0.3274 0.3896	0.3391	0.3539	0.4066	Ave		0.3709				9.5		20.0			
Carbon disulfide	+++++ 1.0013	1.0063 0.9587	0.9938	1.0708	0.9825	Ave		1.0022			0.1000	3.8		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2170	0.1962 0.2108	0.2040	0.2351	0.2140	Ave		0.2128			0.1000	6.2		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4177	0.3183 0.3953	0.4255	0.4259	0.4035	Ave		0.3977				10.3		20.0			
Iodomethane	+++++ 0.3156	0.1430 0.3252	0.1890	0.2180	0.2299	Qua2	-0.086	0.2248	0.0002346						0.9920		0.9900
Cyclopentene	+++++ 0.6756	0.6247 0.6626	0.6546	0.7123	0.7076	Ave		0.6729				4.9		20.0			
Acrolein	+++++ 1.7833	1.5257 1.6804	2.4953	2.3359	1.9764	Ave		1.9662				19.4		20.0			
3-Chloro-1-propene	+++++ 0.1817	0.1293 0.1678	0.1621	0.1719	0.1764	Ave		0.1649				11.3		20.0			
Isopropyl alcohol	+++++ 0.6482	0.4437 0.5780	0.6845	0.6138	0.6197	Ave		0.5980				14.0		20.0			
Methylene Chloride	+++++ 0.3281	0.2658 0.3167	0.3506	0.3378	0.3315	Ave		0.3217			0.1000	9.2		20.0			
Acetone	+++++ 0.2207	0.1984 0.1952	0.2694	0.2394	0.2211	Ave		0.2240			0.0500	12.3		20.0			
trans-1,2-Dichloroethene	+++++ 0.2981	0.2571 0.2938	0.2928	0.3091	0.3115	Ave		0.2937			0.1000	6.7		20.0			
Methyl acetate	+++++ 2.1321	1.2637 1.9354	2.1676	2.5440	2.2226	Qua2	-2.320	2.4273	-0.000526		0.1000				0.9970		0.9900
Hexane	+++++ 2.4626	2.7395 2.3743	2.5228	2.5803	2.3858	Ave		2.5109				5.5		20.0			
Methyl tert-butyl ether	+++++ 0.7970	0.6078 0.7920	0.7773	0.8250	0.7984	Ave		0.7662			0.1000	10.3		20.0			
2-Methyl-2-propanol	+++++ 1.1013	1.2156 0.9972	1.1539	1.1699	1.0258	Ave		1.1106				7.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	+++++ 1.3506	0.3832 1.2842	1.2161	1.3507	1.4000	QuaF		1.3957	-0.000022						1.0000		0.9900
Isopropyl ether	+++++ 1.0549	0.7807 0.9956	1.0608	1.1078	1.0526	Ave		1.0087				11.6		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2744	0.2211 0.2678	0.2512	0.2758	0.2745	Ave		0.2608				8.3		20.0			
1,1-Dichloroethane	+++++ 0.5889	0.5047 0.5669	0.5977	0.6207	0.6097	Ave		0.5814			0.2000	7.2		20.0			
Acrylonitrile	0.1304 0.0927	0.0654 0.0887	0.0896	0.0948	0.0880	QuaF		0.0944	-0.000001						1.0000		0.9900
Tert-butyl ethyl ether	+++++ 0.9316	0.6524 0.8895	0.8125	0.8988	0.9050	Ave		0.8483				12.3		20.0			
Vinyl acetate	+++++ 0.6385	0.3574 0.6252	0.4290	0.5507	0.5500	Qua2	-0.386	0.5372	0.0001119						0.9940		0.9900
cis-1,2-Dichloroethene	+++++ 0.3296	0.2975 0.3177	0.3519	0.3404	0.3432	Ave		0.3300			0.1000	6.0		20.0			
2,2-Dichloropropane	+++++ 0.3964	0.1533 0.4060	0.2178	0.3054	0.3464	QuaF		0.3815	0.0000495						1.0000		0.9900
Cyclohexane	+++++ 0.3679	0.2993 0.3612	0.3382	0.3707	0.3535	Ave		0.3485			0.1000	7.7		20.0			
Chlorobromomethane	+++++ 0.1547	0.1160 0.1435	0.1336	0.1595	0.1545	Ave		0.1436				11.5		20.0			
Chloroform	+++++ 0.5381	0.4072 0.5220	0.5316	0.5618	0.5394	Ave		0.5167			0.2000	10.7		20.0			
Carbon tetrachloride	+++++ 0.3203	0.2233 0.3120	0.2772	0.3008	0.2990	Ave		0.2888			0.1000	12.2		20.0			
Ethyl acetate	+++++ 0.3280	0.2817 0.3257	0.3313	0.3458	0.3183	Ave		0.3218				6.7		20.0			
Methyl acrylate	+++++ 0.2256	0.0646 0.2219	0.2030	0.2138	0.2175	Qua2	-0.160	0.2261	-0.000007						0.9990		0.9900
Tetrahydrofuran	+++++ 1.0541	0.7787 0.9890	1.0047	1.0450	1.0002	Ave		0.9786				10.4		20.0			
1,1,1-Trichloroethane	+++++ 0.4275	0.3470 0.3997	0.3852	0.4161	0.4211	Ave		0.3994			0.1000	7.5		20.0			
1,1-Dichloropropene	+++++ 0.4114	0.5988 0.4026	0.4474	0.4264	0.4076	Ave		0.4490				16.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Butanone (MEK)	+++++ 0.3550	0.3392 0.3472	0.3579	0.3253	0.3355	Ave		0.3433			0.0500	3.6		20.0			
Isooctane	+++++ 0.5733	0.5377 0.6308	0.5499	0.5299	0.5393	Ave		0.5602				6.7		20.0			
n-Heptane	+++++ 0.1258	0.1550 0.1407	0.1249	0.1224	0.1166	Ave		0.1309				10.9		20.0			
Benzene	+++++ 1.5231	1.3808 1.4382	1.5081	1.5086	1.5018	Ave		1.4768			0.5000	3.8		20.0			
Propionitrile	+++++ 1.7847	0.9136 1.5368	1.7134	1.9448	1.8924	QuaF		1.9476	-0.000082						1.0000		0.9900
Methacrylonitrile	+++++ 0.1133	0.0580 0.1093	0.0978	0.1157	0.1089	QuaF		0.1150	-0.000001						1.0000		0.9900
Tert-amyl methyl ether	+++++ 0.8112	0.5845 0.8002	0.7391	0.8019	0.7974	Ave		0.7557				11.6		20.0			
1,2-Dichloroethane	+++++ 0.3974	0.3876 0.3806	0.4111	0.4064	0.3834	Ave		0.3944			0.1000	3.2		20.0			
Isobutyl alcohol	+++++ 0.5211	0.4176 0.4610	0.3438	0.3873	0.4127	Ave		0.4239				14.4		20.0			
Isopropyl acetate	+++++ 0.4898	0.3195 0.4684	0.3790	0.4379	0.4299	Ave		0.4207				14.8		20.0			
Methylcyclohexane	+++++ 0.3006	0.2411 0.2922	0.2680	0.2901	0.2778	Ave		0.2783			0.1000	7.7		20.0			
Trichloroethene	+++++ 0.3060	0.2975 0.2852	0.3014	0.3070	0.2944	Ave		0.2986			0.2000	2.7		20.0			
Dibromomethane	+++++ 0.1825	0.1590 0.1692	0.1785	0.1879	0.1798	Ave		0.1762				5.9		20.0			
n-Butanol	+++++ 0.3263	0.0569 0.3152	0.2814	0.2162	0.2562	QuaF		0.3205	0						0.9990		0.9900
1,2-Dichloropropane	+++++ 0.3663	0.2221 0.3419	0.3495	0.3577	0.3450	Ave		0.3304			0.1000	16.3		20.0			
Dichlorobromomethane	+++++ 0.4233	0.3490 0.4023	0.4021	0.4218	0.4098	Ave		0.4014			0.2000	6.8		20.0			
Ethyl acrylate	+++++ 0.3438	0.0384 0.3256	0.2404	0.3098	0.3077	Qua2	-0.281	0.3160	0.0000371						0.9980		0.9900
Methyl methacrylate	+++++ 0.0728	0.0410 0.0703	0.0615	0.0677	0.0686	Ave		0.0637				18.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	+++++ 1.2380	0.9729 1.1340	1.2465	1.1045	1.0730	Ave		1.1281				9.2		20.0			
n-Propyl acetate	+++++ 0.3560	0.0969 0.3320	0.2384	0.3040	0.3166	Qua2	-0.222	0.3128	0.0000649						0.9950		0.9900
2-Chloroethyl vinyl ether	+++++ 0.1400	0.0217 0.1455	0.0943	0.1169	0.1248	Qua2	-0.102	0.1218	0.0000541						0.9980		0.9900
cis-1,3-Dichloropropene	+++++ 0.6453	0.3389 0.6046	0.5059	0.5587	0.5846	Qua2	-0.248	0.5815	0.0000848		0.2000				0.9980		0.9900
Toluene	+++++ 1.4838	1.2931 1.3934	1.5067	1.5065	1.4534	Ave		1.4395			0.4000	5.8		20.0			
Epichlorohydrin	0.1675 0.1838	0.0892 0.1873	0.1022	0.1390	0.1508	QuaF		0.1760	0.0000011						1.0000		0.9900
2-Nitropropane	+++++ 3.0048	1.5133 2.7062	2.5760	2.7376	2.7530	QuaF		3.1377	-0.000429						1.0000		0.9900
Tetrachloroethene	+++++ 0.2556	0.2391 0.2358	0.2458	0.2529	0.2384	Ave		0.2446			0.2000	3.4		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.7647	1.6825 2.5223	2.5012	2.7258	2.5708	Ave		2.4613			0.0500	16.1		20.0			
trans-1,3-Dichloropropene	+++++ 0.5205	0.1723 0.5064	0.3132	0.4026	0.4364	Qua2	-0.255	0.4164	0.0002298		0.1000				0.9920		0.9900
1,1,2-Trichloroethane	+++++ 0.2613	0.1963 0.2423	0.2417	0.2655	0.2542	Ave		0.2435			0.1000	10.3		20.0			
Ethyl methacrylate	+++++ 0.4559	0.2197 0.4268	0.3629	0.3821	0.4072	Qua2	-0.190	0.4077	0.0000662						0.9980		0.9900
Chlorodibromomethane	+++++ 0.3116	0.1943 0.3086	0.2730	0.2919	0.2999	Ave		0.2799			0.1000	15.8		20.0			
1,3-Dichloropropane	+++++ 0.5628	0.4466 0.5361	0.5188	0.5537	0.5416	Ave		0.5266				8.0		20.0			
Ethylene Dibromide	+++++ 0.3019	0.2081 0.2768	0.2836	0.2765	0.2804	Ave		0.2712			0.1000	11.9		20.0			
n-Butyl acetate	+++++ 0.4773	0.1490 0.4429	0.2692	0.3621	0.4005	QuaF		0.4839	-0.000081						0.9990		0.9900
2-Hexanone	+++++ 1.9197	1.0736 1.7911	1.6705	1.8167	1.7791	Ave		1.6751			0.0500	18.2		20.0			
Chlorobenzene	+++++ 0.8985	0.8298 0.8682	0.8936	0.9108	0.8920	Ave		0.8822			0.5000	3.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.4456	0.3489 0.4160	0.4098	0.4293	0.4225	Ave		0.4120			0.1000	8.1		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.2852	0.2217 0.2796	0.2716	0.2782	0.2834	Ave		0.2699				8.9		20.0			
m-Xylene & p-Xylene	+++++ 0.5251	0.3777 0.5063	0.5007	0.5127	0.5240	Ave		0.4911			0.1000	11.5		20.0			
o-Xylene	+++++ 0.5323	0.4049 0.5167	0.4794	0.5282	0.5402	Ave		0.5003			0.3000	10.3		20.0			
Bromoform	+++++ 0.4517	0.2378 0.4607	0.4120	0.4311	0.4128	Qua2	-0.195	0.4359	0.0000517		0.1000				0.9990		0.9900
Styrene	+++++ 0.9759	0.5292 0.9073	0.7995	0.9013	0.9343	Ave		0.8412			0.3000	19.5		20.0			
n-Butyl acrylate	+++++ 0.2424	0.0712 0.2351	0.1773	0.1886	0.2213	Qua2	-0.142	0.2112	0.0000642						0.9960		0.9900
Isopropylbenzene	+++++ 1.0957	0.7668 1.0329	0.9829	1.0759	1.0711	Ave		1.0042			0.1000	12.2		20.0			
Amyl acetate (mixed isomers)	+++++ 1.3279	0.4238 1.2965	0.9203	1.1688	1.2167	Qua2	-0.786	1.1885	0.0002919						0.9970		0.9900
Bromobenzene	+++++ 0.8486	0.7209 0.7972	0.9238	0.9038	0.8562	Ave		0.8417				8.8		20.0			
N-Propylbenzene	+++++ 3.1299	2.3359 3.0772	2.9244	3.1048	2.9568	Ave		2.9215				10.2		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8972	0.7295 0.8821	0.9901	0.9886	0.8911	Ave		0.8965			0.3000	10.6		20.0			
2-Chlorotoluene	+++++ 2.4028	2.1163 2.3661	2.3577	2.5731	2.4237	Ave		2.3733				6.2		20.0			
4-Ethyltoluene	+++++ 2.5333	1.5599 2.4549	2.1588	2.4005	2.3679	Ave		2.2459				16.0		20.0			
1,2,3-Trichloropropane	+++++ 0.2411	0.2183 0.2348	0.2609	0.2540	0.2290	Ave		0.2397				6.6		20.0			
1,3,5-Trimethylbenzene	+++++ 2.1468	1.3310 2.1059	1.8638	1.9918	1.9580	Ave		1.8996				15.6		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.3150	0.3328 0.3633	0.1160	0.1779	0.2220	QuaF		0.2706	0.0001862						0.9990		0.9900
4-Chlorotoluene	+++++ 2.3204	1.9108 2.2802	2.2008	2.3856	2.2638	Ave		2.2269				7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	+++++ 1.6901	1.3911 1.6478	1.5120	1.5909	1.5323	Ave		1.5607				6.9		20.0			
1,2,4-Trimethylbenzene	+++++ 2.1599	1.3178 2.2242	1.8529	1.9525	1.9262	Ave		1.9056				16.9		20.0			
Butyl Methacrylate	+++++ 1.0233	0.4492 1.0827	0.6431	0.8383	0.9064	Qua2	-0.413	0.8401	0.0005540						0.9940		0.9900
sec-Butylbenzene	+++++ 2.3368	2.0022 2.3203	2.0925	2.1799	2.1438	Ave		2.1792				6.0		20.0			
1,3-Dichlorobenzene	+++++ 1.3033	0.9877 1.2715	1.3361	1.3172	1.2977	Ave		1.2523			0.6000	10.5		20.0			
4-Isopropyltoluene	+++++ 1.9098	1.5216 1.9192	1.5472	1.6850	1.7784	Ave		1.7269				10.0		20.0			
1,4-Dichlorobenzene	+++++ 1.3719	1.1922 1.3203	1.4750	1.3464	1.3161	Ave		1.3370			0.5000	6.9		20.0			
1,2,3-Trimethylbenzene	+++++ 2.2527	1.6189 2.3041	2.1594	2.1832	2.0796	Ave		2.0997				11.8		20.0			
Indan	+++++ 2.4182	1.7917 2.3788	2.4170	2.5159	2.3791	Ave		2.3168				11.3		20.0			
Benzyl chloride	+++++ 0.2638	0.0656 0.2961	0.0968	0.1531	0.1855	QuaF		0.2315	0.0001299						0.9990		0.9900
p-Diethylbenzene	+++++ 0.8861	0.5775 0.9140	0.7661	0.8003	0.8055	Ave		0.7916				15.0		20.0			
n-Butylbenzene	+++++ 0.8373	0.6751 0.8717	0.7259	0.7391	0.7819	Ave		0.7718				9.5		20.0			
1,2-Dichlorobenzene	+++++ 1.2709	0.9857 1.2460	1.2876	1.3579	1.2444	Ave		1.2321			0.4000	10.4		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.5649	1.5701 1.4396	1.7943	1.8702	1.6905	Ave		1.6549				9.7		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1546	0.1382 0.1562	0.1573	0.1457	0.1470	Ave		0.1498			0.0500	5.0		20.0			
1,3,5-Trichlorobenzene	+++++ 0.6192	0.6286 0.5957	0.6716	0.6460	0.6179	Ave		0.6299				4.2		20.0			
1,2,4-Trichlorobenzene	+++++ 0.5391	0.6259 0.5441	0.6117	0.5912	0.5616	Ave		0.5789			0.2000	6.2		20.0			
Hexachlorobutadiene	+++++ 0.2716	0.4808 0.2495	0.2621	0.2825	0.2624	Qua2	0.2207	0.2540	0.0000042						0.9930		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.3375	1.4606 1.3609	1.7802	1.6172	1.4990	Ave		1.5092				11.0		20.0			
1,2,3-Trichlorobenzene	+++++ 0.4807	0.5042 0.4670	0.5407	0.5376	0.5111	Ave		0.5069				5.8		20.0			
Dibromofluoromethane (Surr)	0.3284 0.3159	0.3258 0.3125	0.3143	0.3326	0.3220	Ave		0.3216				2.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3803 0.3675	0.3843 0.3761	0.3728	0.3845	0.3789	Ave		0.3778				1.6		20.0			
Toluene-d8 (Surr)	1.4874 1.4902	1.5180 1.4540	1.4347	1.4601	1.4765	Ave		1.4744				1.9		20.0			
4-Bromofluorobenzene	0.3405 0.3494	0.3349 0.3430	0.3345	0.3424	0.3403	Ave		0.3407				1.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-768237/3	E23352.D
Level 2	STD1 460-768237/21	E23370.D
Level 3	STD5 460-768237/5	E23354.D
Level 4	STD20 460-768237/6	E23355.D
Level 5	STD50 460-768237/7	E23356.D
Level 6	STD200 460-768237/8	E23357.D
Level 7	STD500 460-768237/9	E23358.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	BUT	Ave	+++++ 242548	871 619544	3880	17095	45547	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 925455	3759 2280327	19171	86887	213462	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 87875	356 224761	1381	8100	20144	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 944026	3477 2326892	21755	89015	224297	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1290419	5682 3216657	28670	115536	291535	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 891315	3729 2094073	19443	82734	199144	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 441295	1144 1139032	9735	36286	92346	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	BUT	Ave	+++++ 466005	2166 901573	12260	48723	103802	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	BUT	Ave	+++++ 149375	840 341139	3684	14827	34854	+++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	+++++ 877766	3531 2102319	19827	86472	214895	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 953097	4112 2057845	21347	87438	231365	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 972280	3780 2455459	21911	93325	224542	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Ave	+++++ 539628	2007 1299325	13413	53449	125717	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethanol	TBAd9	QuaF	+++++ 225571	1308 551988	7724	26242	57208	+++++ 8000	40.0 20000	200	800	2000
1,1-Dichloroethene	FB	Ave	+++++ 561704	2341 1324006	13838	57043	131853	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 886946	3261 2195541	18119	71353	208436	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 2174105	10023 5402043	53103	215882	503635	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 471141	1954 1187666	10899	47400	109708	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 906914	3170 2227539	22735	85871	206850	+++++ 200	1.00 500	5.00	20.0	50.0
Iodomethane	FB	Qua2	+++++ 685260	1424 1832263	10100	43953	117868	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	+++++ 1466986	6222 3733804	34979	143605	362723	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 68278	978 149592	8261	15383	34449	+++++ 200	4.00 400	20.0	40.0	100
3-Chloro-1-propene	FB	Ave	+++++ 394483	1288 945489	8659	34656	90416	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 248184	711 643158	5665	20212	54005	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 712298	2647 1784439	18732	68099	169914	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 208095	831 485820	6020	21420	50557	+++++ 1000	5.00 2500	25.0	100	250
trans-1,2-Dichloroethene	FB	Ave	+++++ 647344	2561 1655355	15645	62320	159654	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Qua2	+++++	405	3588	16753	38739	+++++	2.00	10.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			163262	430729				400	1000			
Hexane	TBAd9	Ave	+++++ 94287	439 264201	2088	8496	20792	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 1730457	6054 4462804	41534	166326	409273	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 421639	1948 1109622	9550	38520	89400	+++++ 2000	10.0 5000	50.0	200	500
Acetonitrile	TBAd9	QuaF	+++++ 517091	614 1429034	10065	44474	122005	+++++ 2000	10.0 5000	50.0	200	500
Isopropyl ether	FB	Ave	+++++ 2290422	7776 5610083	56680	223346	539588	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 595753	2202 1508955	13423	55608	140724	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1278635	5027 3194649	31936	125131	312558	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	QuaF	2933 2011827	6518 4997976	47891	191205	451272	2.00 2000	10.0 5000	50.0	200	500
Tert-butyl ethyl ether	FB	Ave	+++++ 2022772	6498 5012492	43413	181198	463916	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Qua2	+++++ 240808	599 622527	3834	19709	50306	+++++ 400	2.00 1000	10.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	+++++ 715634	2963 1789966	18802	68633	175938	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	QuaF	+++++ 860593	1527 2287745	11637	61565	177566	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 798911	2981 2035622	18072	74741	181223	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobromomethane	FB	Ave	+++++ 335875	1155 808733	7140	32162	79214	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroform	FB	Ave	+++++ 1168332	4056 2941207	28402	113269	276477	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 695504	2224 1758037	14810	60639	153249	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl acetate	BUT	Ave	+++++ 123708	472 324324	2961	12375	29111	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Qua2	+++++ 489926	643 1250499	10847	43106	111492	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 397531	1305 984706	8980	37399	91489	+++++ 400	2.00 1000	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	+++++ 928190	3456 2252261	20580	83896	215858	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 893303	5964 2268808	23905	85974	208936	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 334719	1421 864155	7998	29107	76709	+++++ 1000	5.00 2500	25.0	100	250
Isooctane	FB	Ave	+++++ 1244732	5356 3554431	29383	106842	276459	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 273099	1544 792824	6675	24683	59769	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	+++++ 2878172	11711 7192104	68863	273320	675179	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	QuaF	+++++ 683317	1464 1710107	14181	64035	164922	+++++ 2000	10.0 5000	50.0	200	500
Methacrylonitrile	FB	QuaF	+++++ 2459697	5780 6159144	52246	233240	558129	+++++ 2000	10.0 5000	50.0	200	500
Tert-amyl methyl ether	FB	Ave	+++++ 1761231	5822 4509339	39494	161672	408764	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 862952	3861 2144564	21965	81927	196526	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	+++++ 498820	1673 1282486	7114	31879	89919	+++++ 5000	25.0 12500	125	500	1250
Isopropyl acetate	FB	Ave	+++++ 1063384	3182 2639186	20248	88281	220357	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 652604	2401 1646479	14321	58477	142393	+++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	+++++	2963	16106	61894	150905	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			664439	1607272				200	500			
Dibromomethane	FB	Ave	+++++ 396342	1584 953601	9539	37885	92150	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	QuaF	+++++ 312311	228 876903	5822	17795	55817	+++++ 5000	25.0 12500	125	500	1250
1,2-Dichloropropane	FB	Ave	+++++ 795272	2212 1926891	18674	72112	176858	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 919113	3476 2266809	21484	85041	210044	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Qua2	+++++ 746416	382 1834993	12846	62457	157705	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 316138	816 792686	6574	27292	70381	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 116467	977 295338	2870	10558	24834	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Qua2	+++++ 773057	965 1870777	12737	61296	162278	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Qua2	+++++ 304780	217 821820	5053	23628	64144	+++++ 200	1.00 501	5.01	20.0	50.1
cis-1,3-Dichloropropene	CBNZd5	Qua2	+++++ 1219314	2874 3023340	23101	101216	262812	+++++ 200	1.00 500	5.00	20.0	50.0
Toluene	CBNZd5	Ave	+++++ 2803920	10967 6967820	68801	272936	653417	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	QuaF	769 693091	1494 1865229	9133	49759	137922	5.00 4000	20.0 10000	100	400	1000
2-Nitropropane	TBAd9	QuaF	+++++ 230087	485 602273	4264	18028	47985	+++++ 400	2.00 1000	10.0	40.0	100
Tetrachloroethene	CBNZd5	Ave	+++++ 482923	2028 1179091	11223	45818	107167	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2606765	7049 6278752	55888	243880	587881	+++++ 1000	5.00 2500	25.0	100	250

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZ d5	Qua2	+++++ 983587	1461 2532299	14303	72936	196179	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 493674	1665 1211883	11035	48101	114279	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Qua2	+++++ 861506	1863 2134317	16572	69232	183050	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	+++++ 588814	1648 1543005	12466	52883	134803	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 1063515	3788 2680736	23689	100317	243484	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 570401	1765 1384237	12950	50097	126063	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	QuaF	+++++ 901962	1264 2215008	12292	65608	180066	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 1810042	4498 4458602	37325	162537	406841	+++++ 1000	5.00 2500	25.0	100	250
Chlorobenzene	CBNZ d5	Ave	+++++ 1697792	7038 4341732	40804	165018	401034	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 842072	2959 2080288	18713	77778	189946	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 538959	1880 1397999	12401	50398	127412	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 992298	3203 2532019	22862	92881	235564	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
o-Xylene	CBNZ d5	Ave	+++++ 1005912	3434 2583747	21889	95703	242846	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	DCBd 4	Qua2	+++++ 343825	721 909991	6870	28896	73602	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 1844126	4488 4537031	36509	163301	420008	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Qua2	+++++ 458069	604 1175660	8094	34168	99470	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 2070435	6503 5164994	44884	194932	481508	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Qua2	+++++ 1010786	1285 2560983	15346	78340	216915	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 645984	2186 1574614	15405	60575	152642	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 2382537	7083 6078352	48767	208101	527152	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 682974	2212 1742488	16511	66262	158878	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 1829006	6417 4673802	39317	172464	432115	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 1928369	4730 4849158	36000	160893	422165	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 183497	662 463869	4350	17022	40833	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 1634206	4036 4159834	31081	133497	349086	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	QuaF	+++++ 239773	1009 717642	1935	11923	39575	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 1766331	5794 4504053	36700	159892	403603	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1286530	4218 3254827	25213	106627	273195	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 1644175	3996 4393501	30899	130868	343418	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Qua2	+++++ 778914	1362 2138650	10724	56188	161599	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 1778831	6071 4583350	34894	146107	382208	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 992053	2995 2511565	22281	88287	231368	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 1453770	4614 3791001	25801	112939	317070	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1044333	3615 2607895	24597	90245	234646	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 1714810	4909 4551311	36010	146327	370766	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 1840799	5433 4698924	40306	168625	424155	+++++ 200	1.00 500	5.00	20.0	50.0

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzyl chloride	DCBd 4	QuaF	+++++ 200838	199 584899	1615	10259	33078	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 674531	1751 1805516	12775	53638	143603	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 637386	2047 1721774	12105	49539	139409	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 967460	2989 2461293	21471	91010	221859	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 1191197	4761 2843605	29921	125353	301387	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 117667	419 308614	2623	9765	26208	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 471377	1906 1176749	11200	43299	110168	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 410360	1898 1074691	10200	39627	100128	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Qua2	+++++ 206711	1458 492922	4371	18935	46774	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 1018117	4429 2688257	29686	108395	267246	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 365892	1529 922523	9016	36034	91130	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	184682 171459	162247 176112	167934	167614	165070	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	213900	191390	199173	193798	194225	50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 768237

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/30/2021 11:36 Calibration End Date: 03/30/2021 20:10 Calibration ID: 84268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			199505	211943				50.0	50.0			
Toluene-d8 (Surr)	CBNZ d5	Ave	725906	643719	655120	661344	663794	50.0	50.0	50.0	50.0	50.0
			703999	727089				50.0	50.0			
4-Bromofluorobenzene	CBNZ d5	Ave	166178	142016	152756	155105	152968	50.0	50.0	50.0	50.0	50.0
			165073	171511				50.0	50.0			

Curve Type Legend

Ave = Average ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 30-Mar-2021 11:36:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0126234-003
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Apr-2021 11:56:03 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: martineze Date: 30-Mar-2021 13:05:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	0.904	0.896	0.008	92	3948	0.2500	0.9081	
* 33 TBA-d9 (IS)	65	1.883	1.883	0.000	99	184670	1000.0	1000.0	
39 Acrylonitrile	53	2.221	2.188	0.033	98	2933	2.00	2.76	M
$ 51 Dibromofluoromethane (Surr)	113	2.813	2.813	0.000	96	184682	50.0	51.0	
* 53 2-Butanone-d5	46	2.879	2.871	0.008	98	229579	250.0	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.200	3.200	0.000	96	213900	50.0	50.3	
* 66 Fluorobenzene	96	3.422	3.430	-0.008	98	562392	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.295	4.286	0.009	96	25835	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	100	725906	50.0	50.4	
84 Epichlorohydrin	57	5.068	5.019	0.049	1	769	5.00	4.76	
* 96 Chlorobenzene-d5	117	6.764	6.764	0.000	86	488050	50.0	50.0	
$ 107 4-Bromofluorobenzene	174	8.517	8.516	0.001	86	166178	50.0	50.0	
* 123 1,4-Dichlorobenzene-d4	152	10.261	10.261	0.000	97	173115	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

ACROLEIN W_00121	Amount Added:	0.00	Units: uL	
GAS Hi_00384	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00134	Amount Added:	0.00	Units: uL	
GASES Li_00413	Amount Added:	2.50	Units: uL	
ACRY/EPIH MIX_00084	Amount Added:	20.00	Units: uL	
Ethanol mix_00050	Amount Added:	0.00	Units: uL	
14DIOXINTER_00127	Amount Added:	0.00	Units: uL	
524freon_00034	Amount Added:	0.00	Units: uL	
8FreonHi_00030	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00109	Amount Added:	0.00	Units: uL	
MIX I Hi_00136	Amount Added:	0.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

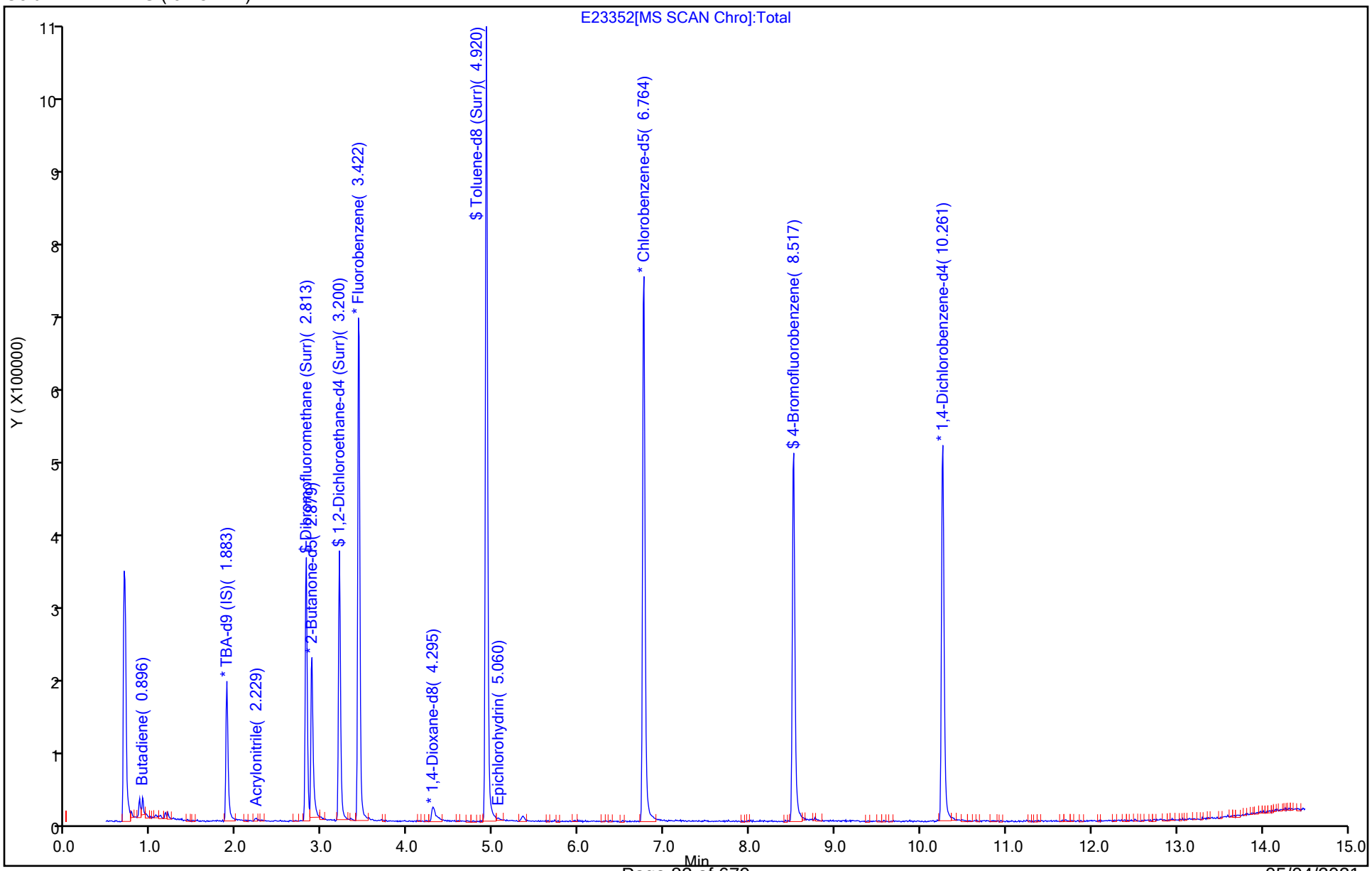
Report Date: 01-Apr-2021 11:56:05 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D

Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

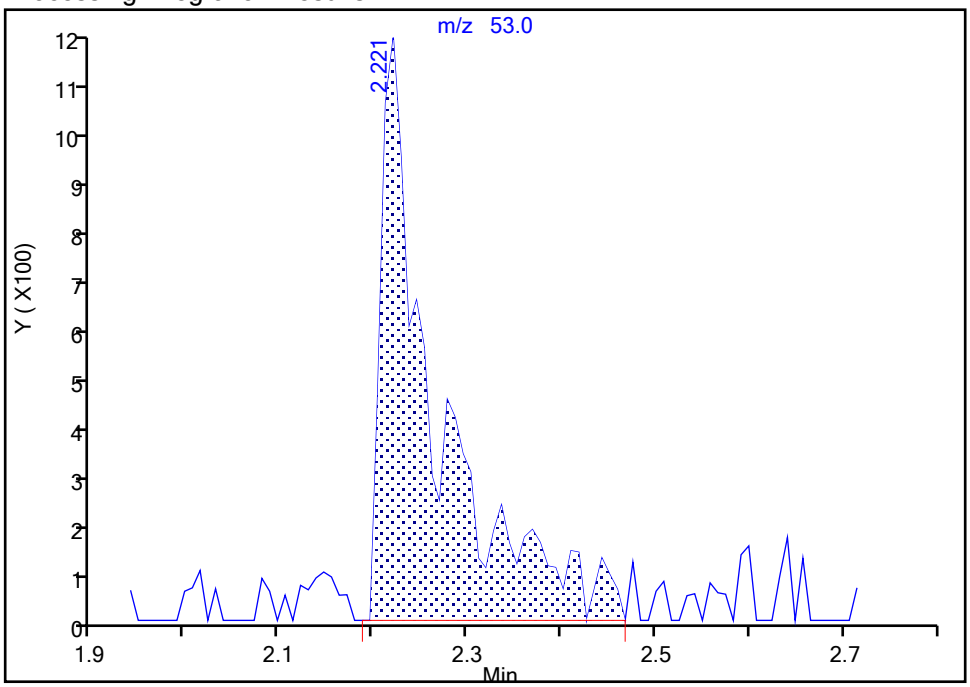
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

39 Acrylonitrile, CAS: 107-13-1

Signal: 1

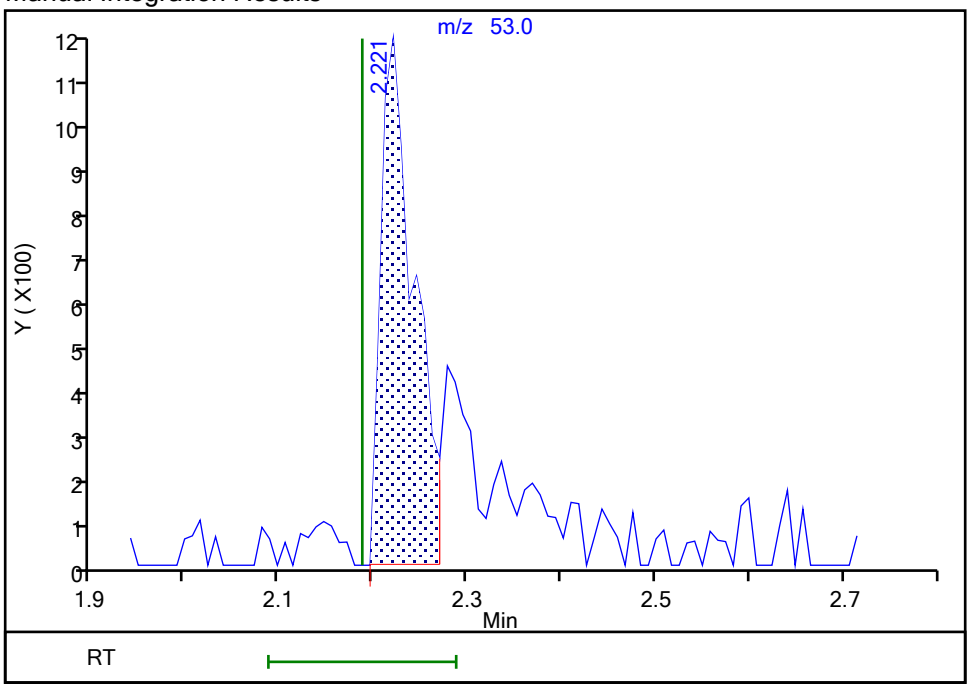
Processing Integration Results

RT: 2.22
Area: 4831
Amount: 4.550862
Amount Units: ug/l



Manual Integration Results

RT: 2.22
Area: 2933
Amount: 2.762869
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 11:07:57
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

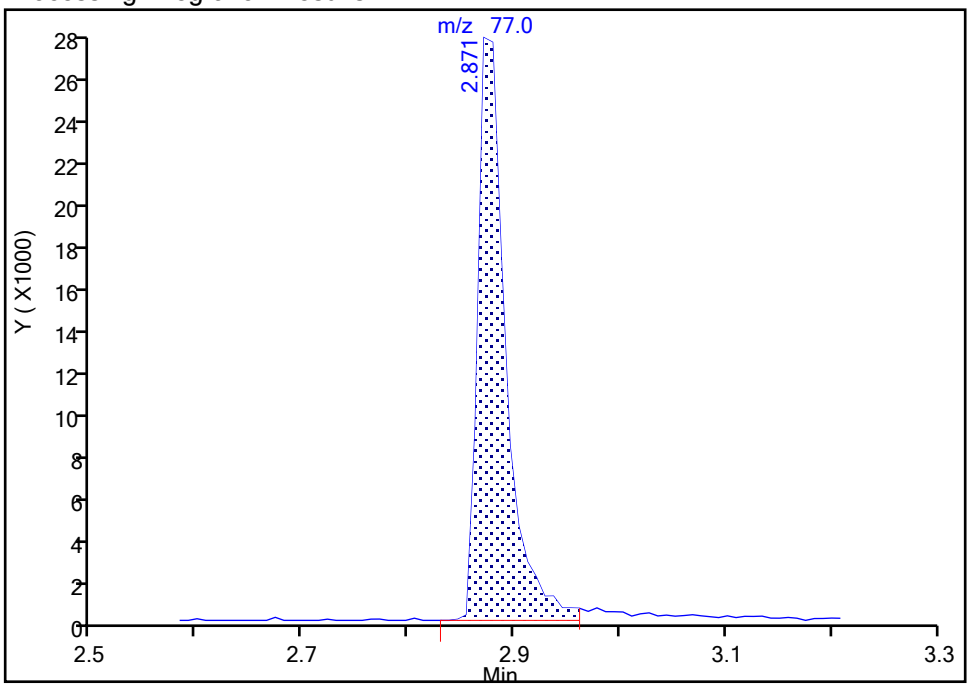
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

* 53 2-Butanone-d5, CAS: 24313-50-6

Signal: 2

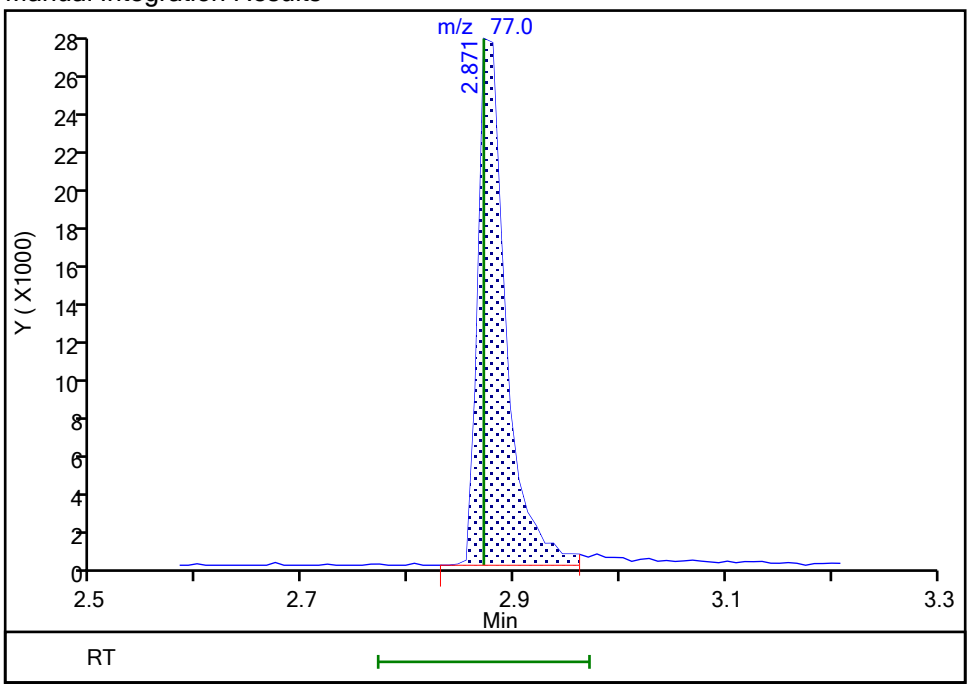
Processing Integration Results

RT: 2.87
Area: 50500
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.87
Area: 50500
Amount: 250.0000
Amount Units: ug/l



Reviewer: martineze, 30-Mar-2021 13:04:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

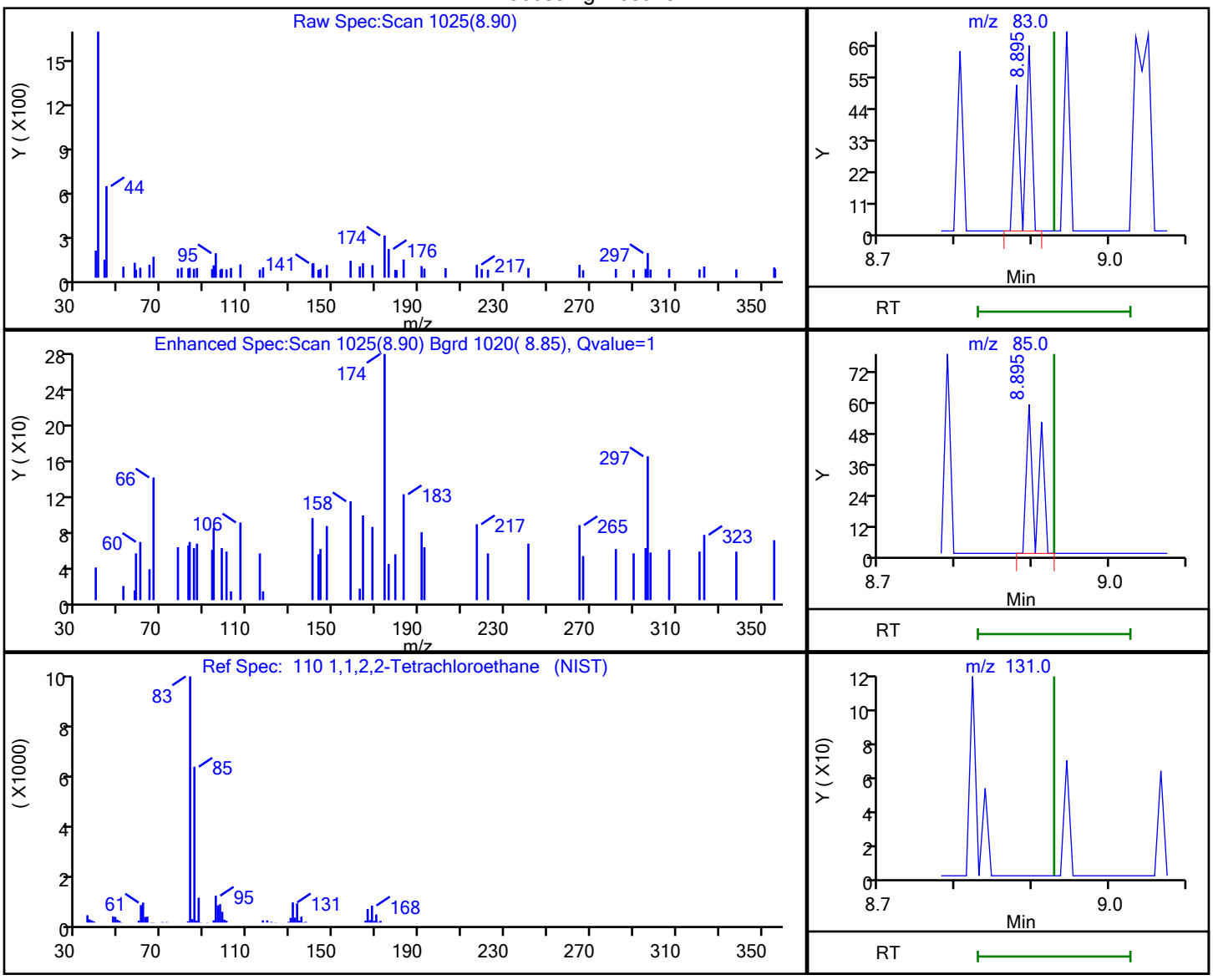
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

110 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
8.90	83.00	58	0.005412
8.90	85.00	55	
8.93	131.00	0	

Reviewer: martineze, 30-Mar-2021 13:05:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

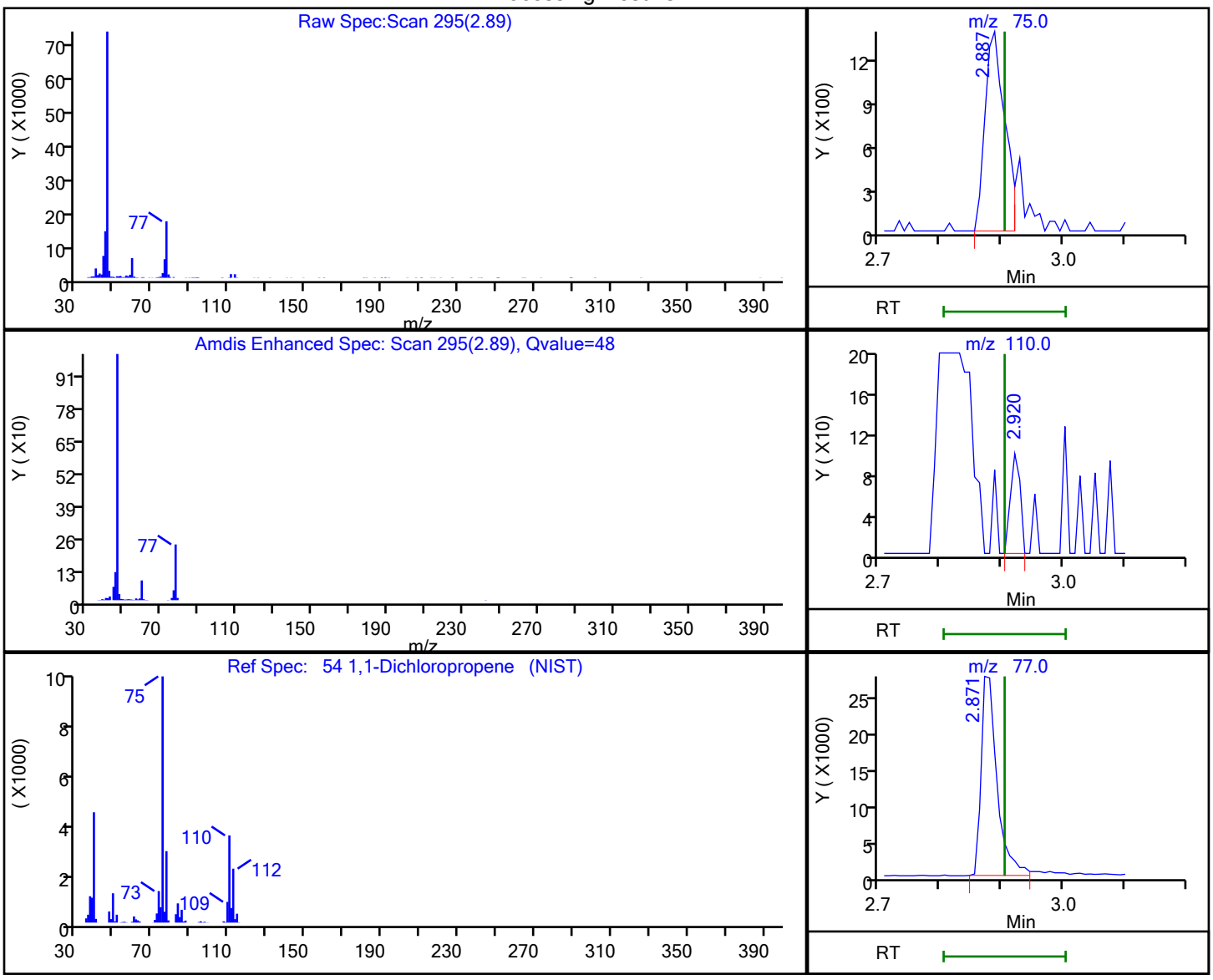
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

54 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
2.89	75.00	3177	0.160266
2.92	110.00	110	
2.87	77.00	49608	

Reviewer: martineze, 30-Mar-2021 13:04:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

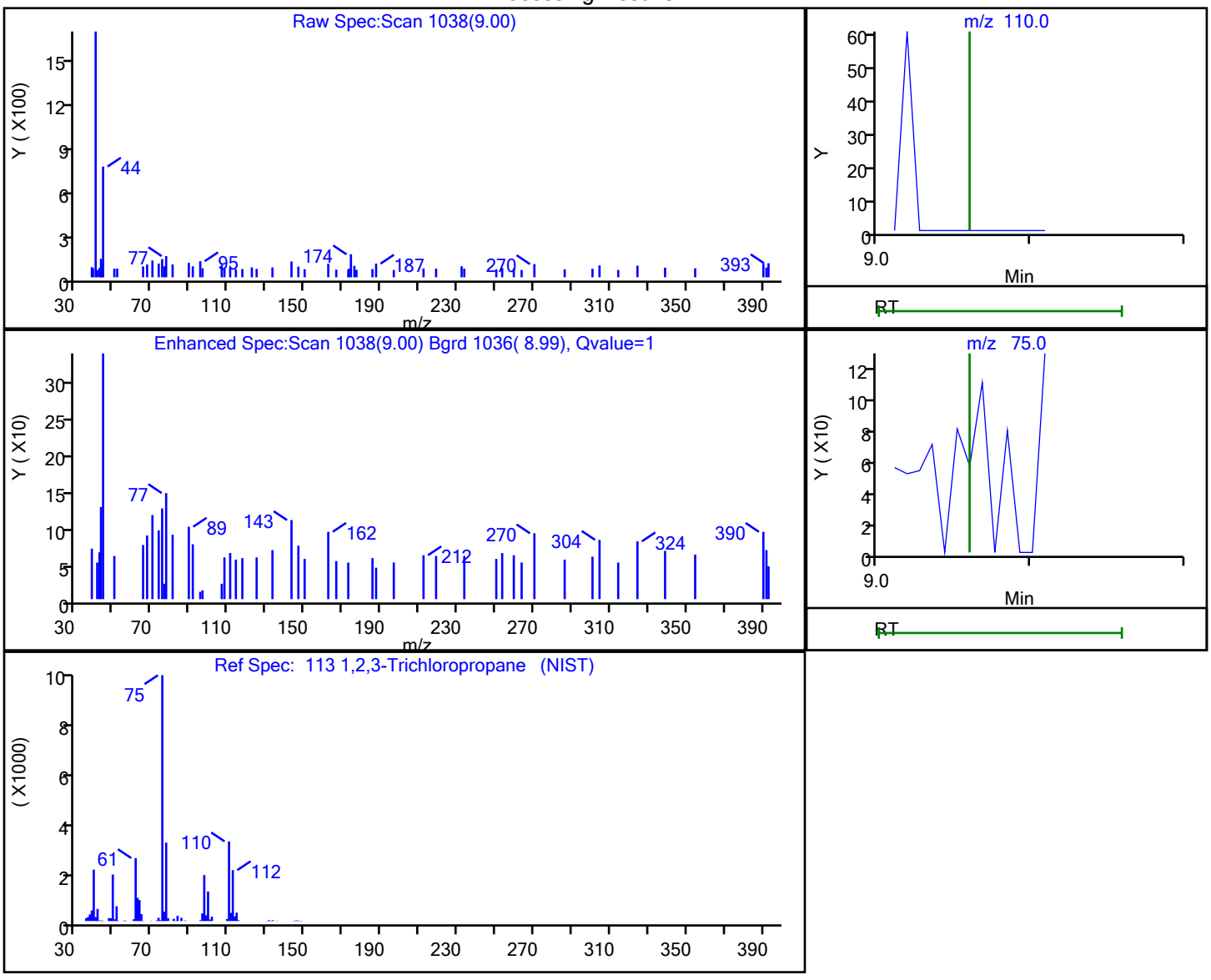
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

113 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.00	110.00	31	0.009868
9.00	75.00	114	

Reviewer: martineze, 30-Mar-2021 13:05:23

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

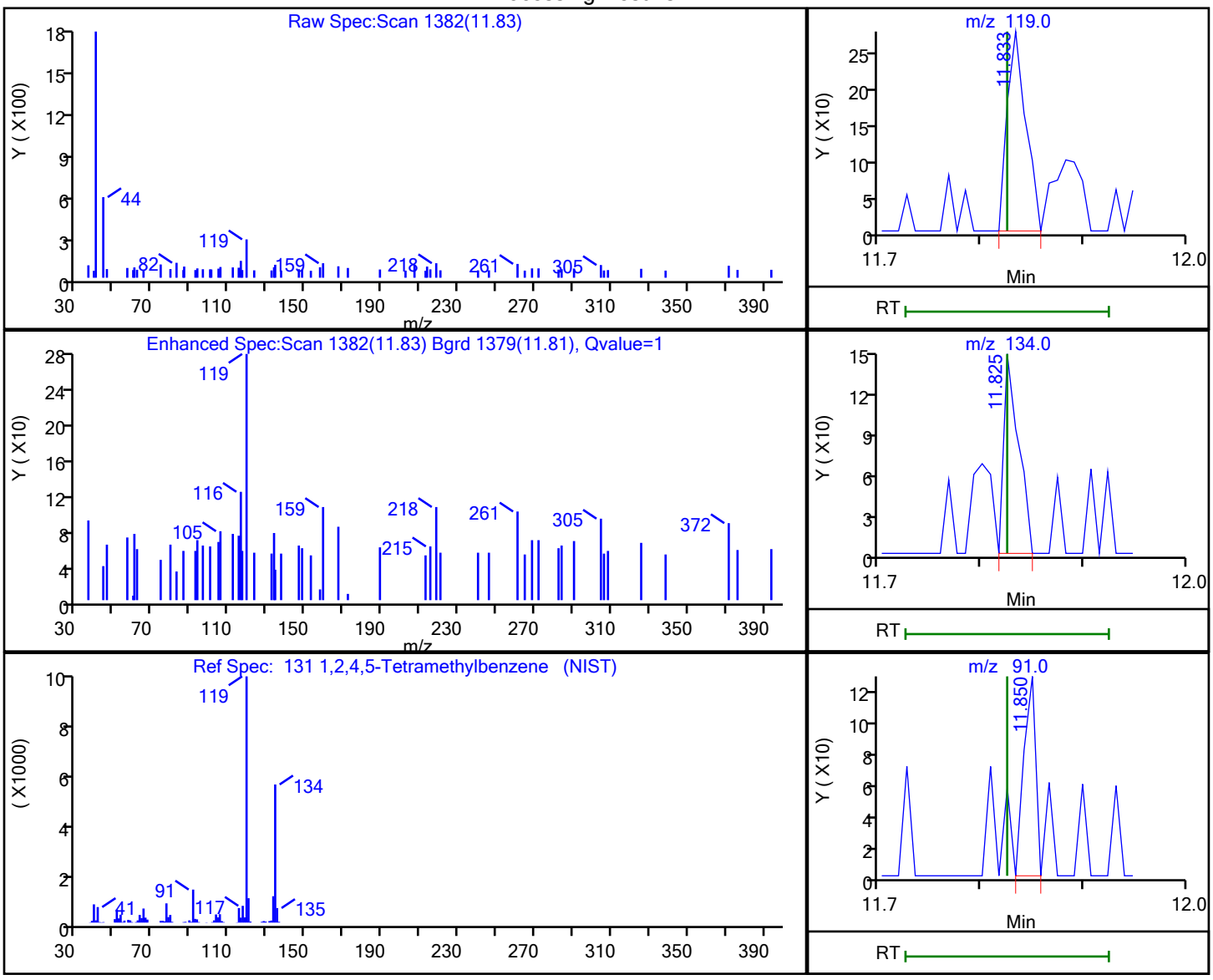
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

131 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.83	119.00	351	0.019121
11.82	134.00	150	
11.85	91.00	100	

Reviewer: martineze, 30-Mar-2021 13:05:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

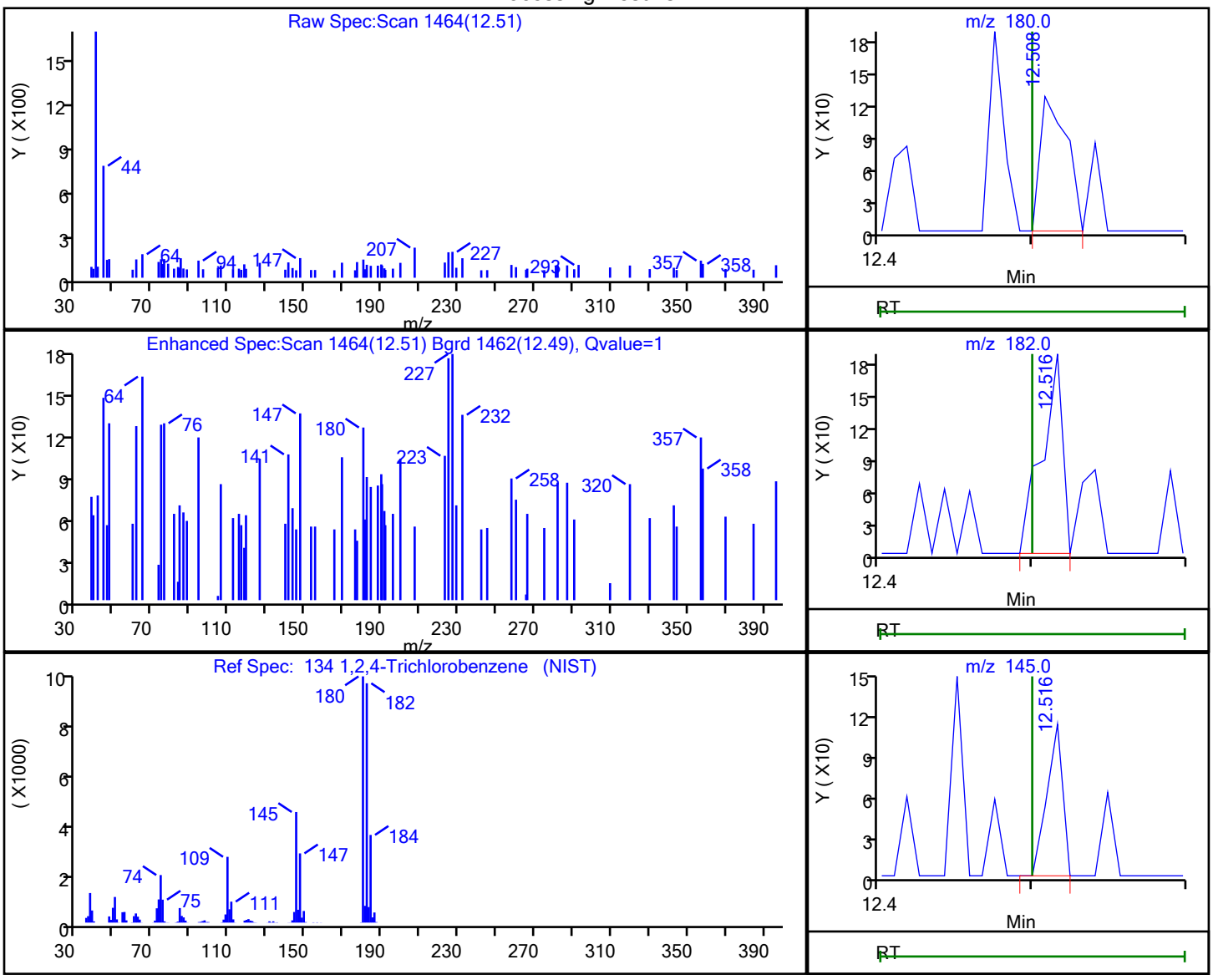
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

134 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.51	180.00	149	0.021914
12.52	182.00	175	
12.52	145.00	80	

Reviewer: martineze, 30-Mar-2021 13:05:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

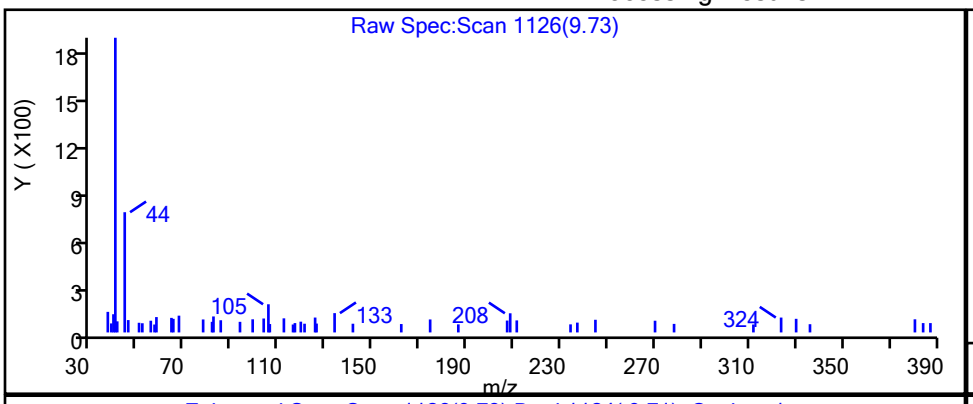
User Disabled Compound Report

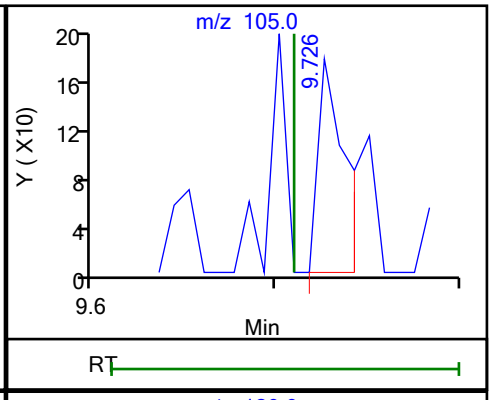
Eurofins TestAmerica, Edison

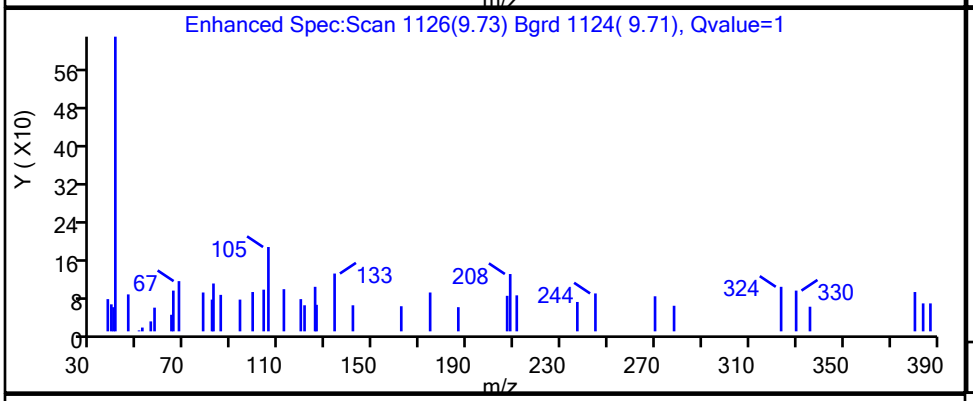
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

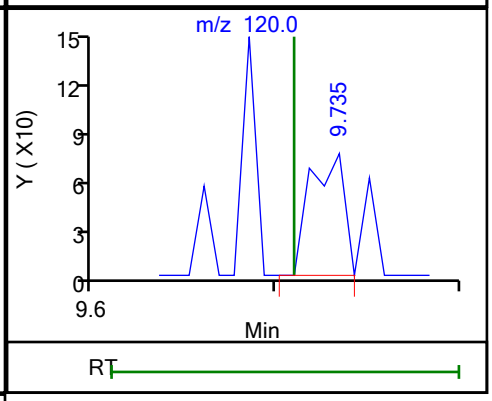
119 1,2,4-Trimethylbenzene, CAS: 95-63-6

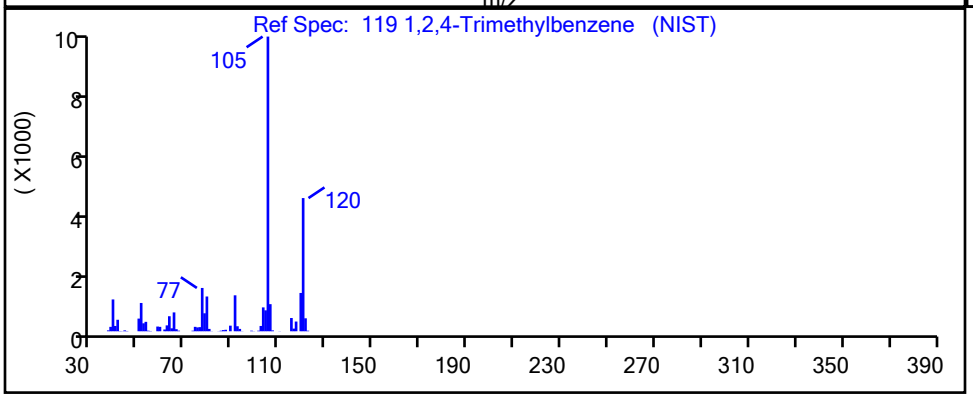
Processing Results











RT	Mass	Response	Amount
9.73	105.00	182	0.008606
9.73	120.00	97	

Reviewer: martineze, 30-Mar-2021 13:05:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

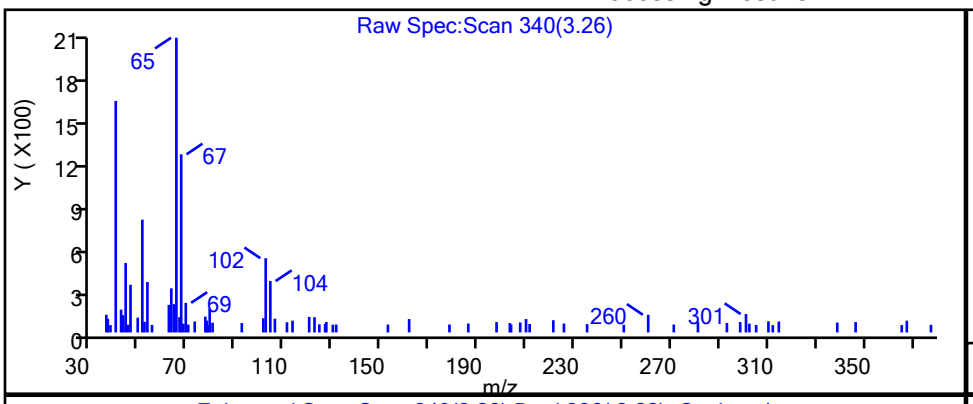
User Disabled Compound Report

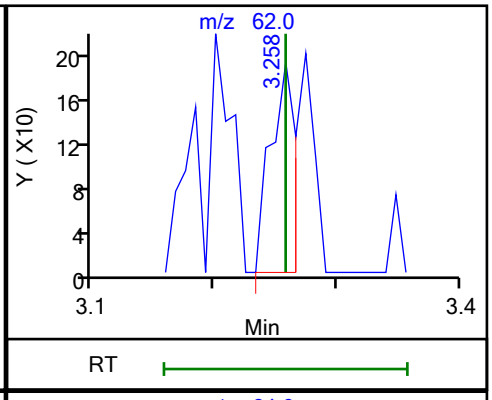
Eurofins TestAmerica, Edison

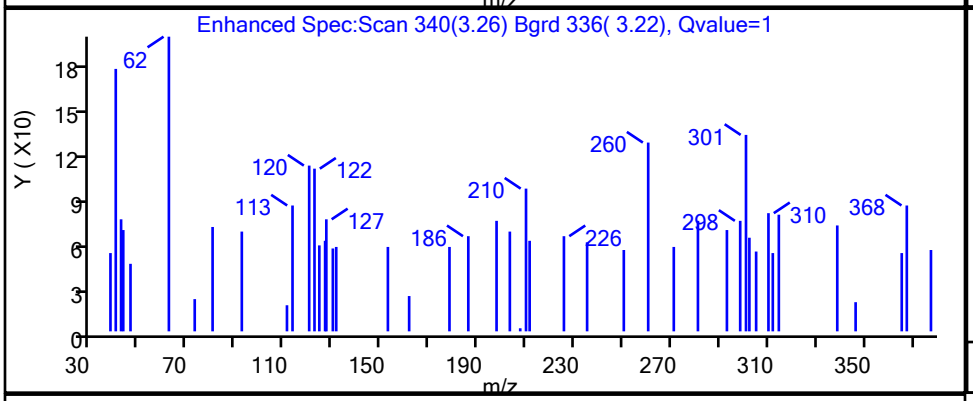
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

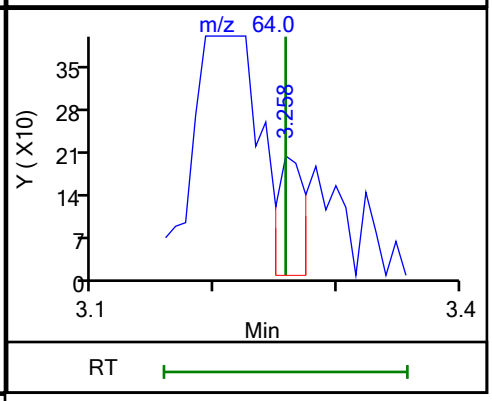
63 1,2-Dichloroethane, CAS: 107-06-2

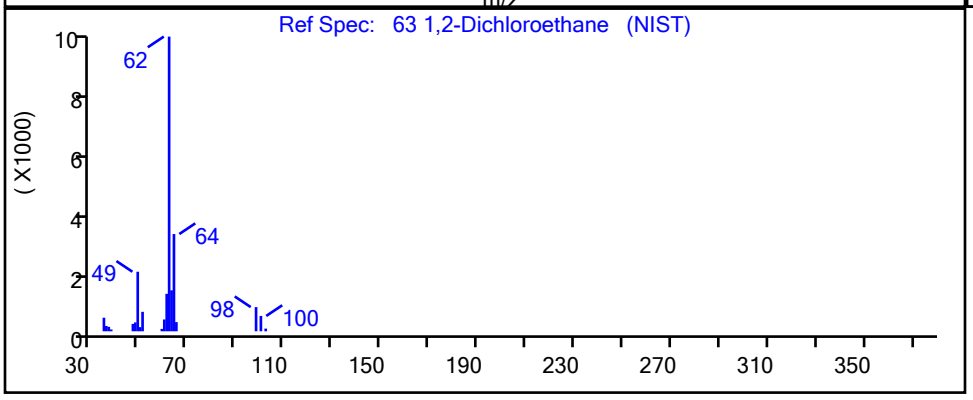
Processing Results











RT	Mass	Response	Amount
3.26	62.00	271	0.016826
3.26	64.00	310	

Reviewer: martineze, 30-Mar-2021 13:04:52

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

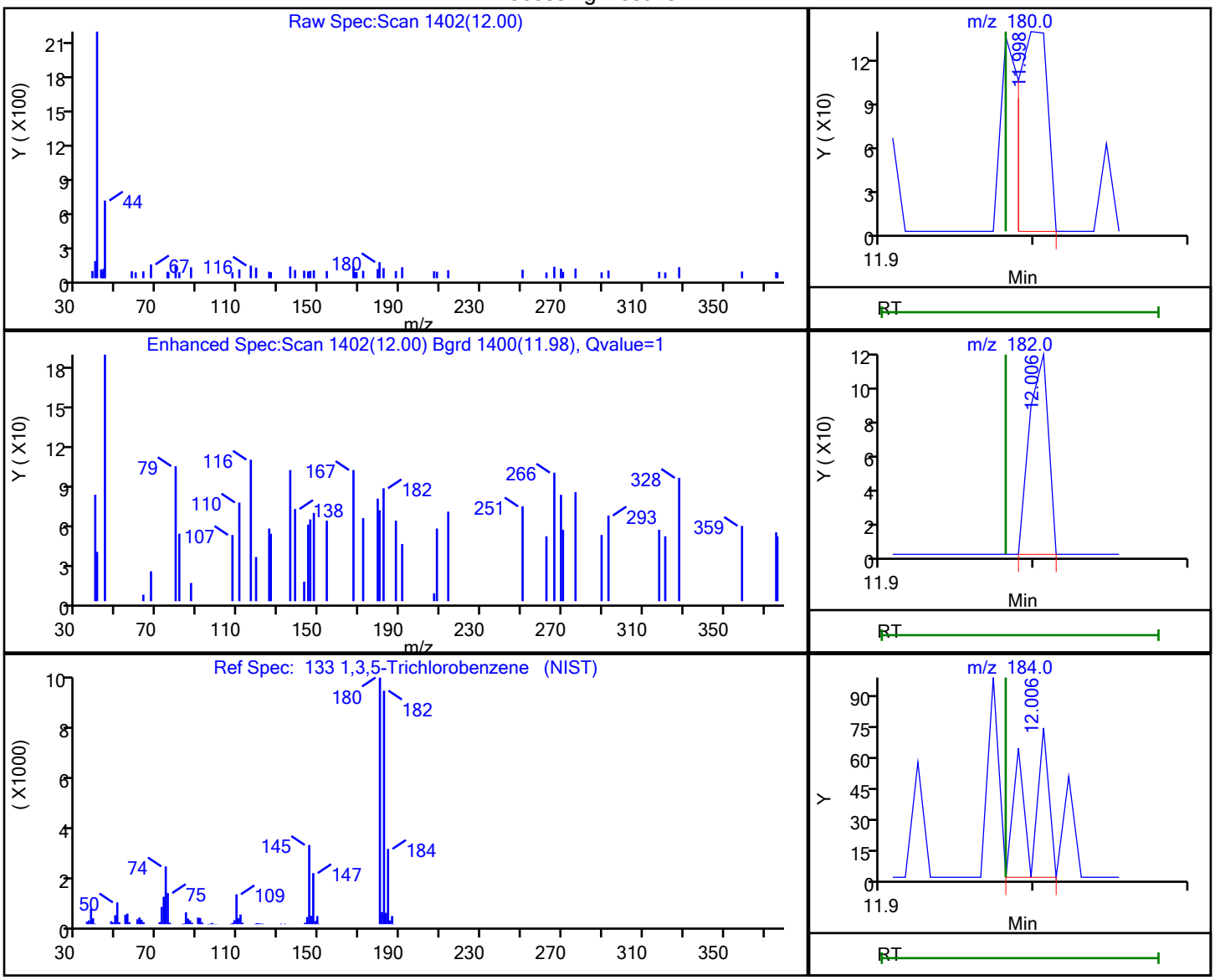
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

133 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.00	180.00	189	0.026695
12.01	182.00	101	
12.01	184.00	68	

Reviewer: martineze, 30-Mar-2021 13:05:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

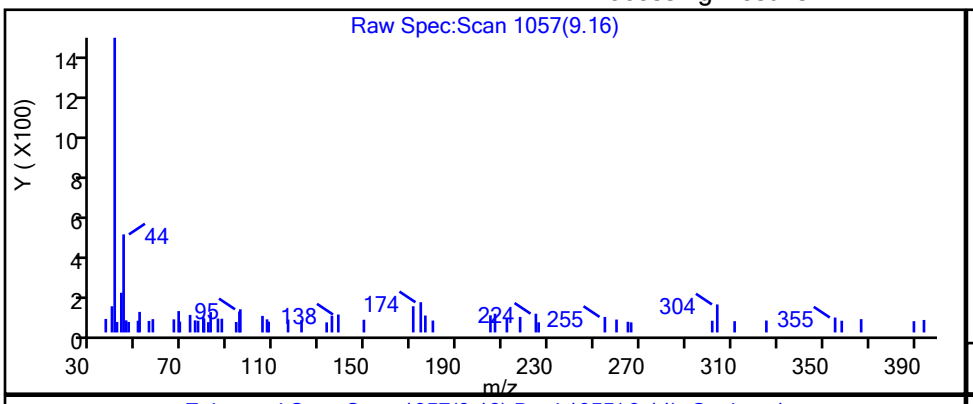
User Disabled Compound Report

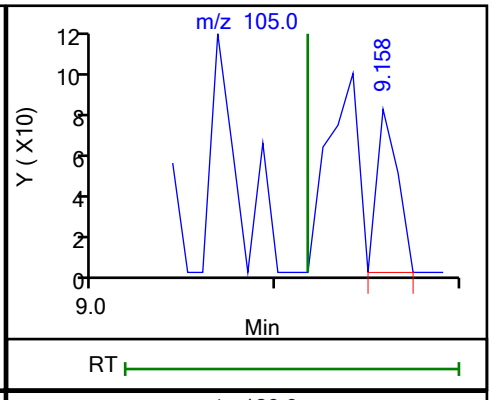
Eurofins TestAmerica, Edison

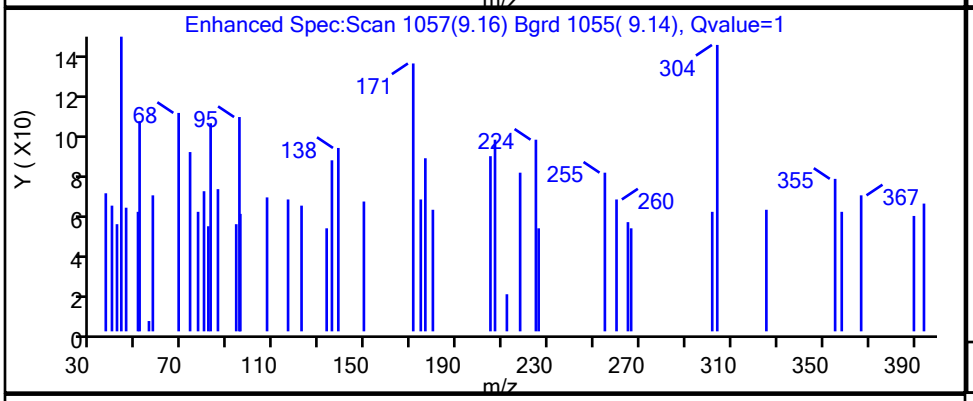
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

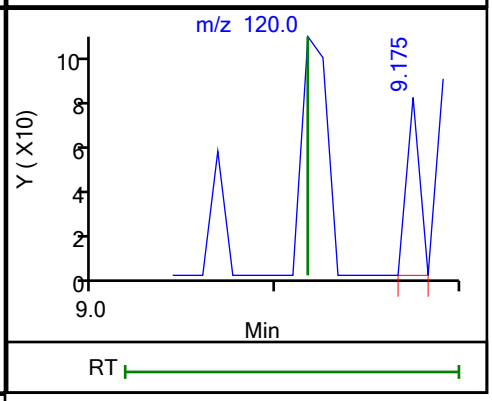
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

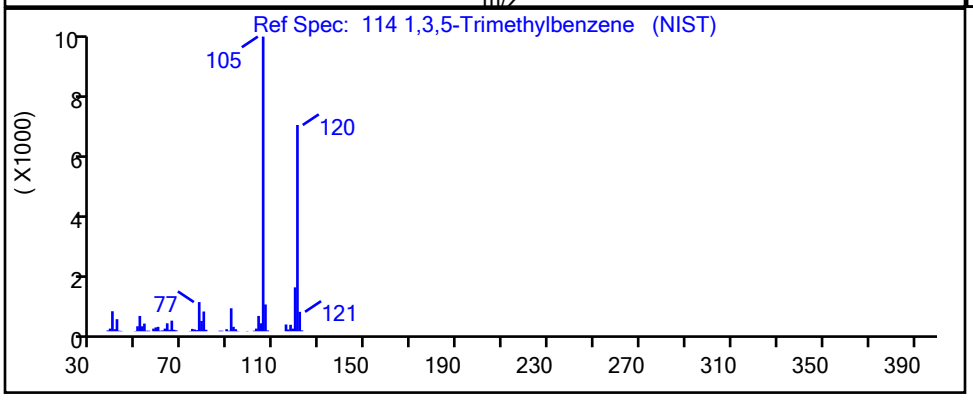
Processing Results











RT	Mass	Response	Amount
9.16	105.00	65	0.003170
9.17	120.00	38	

Reviewer: martineze, 30-Mar-2021 13:05:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

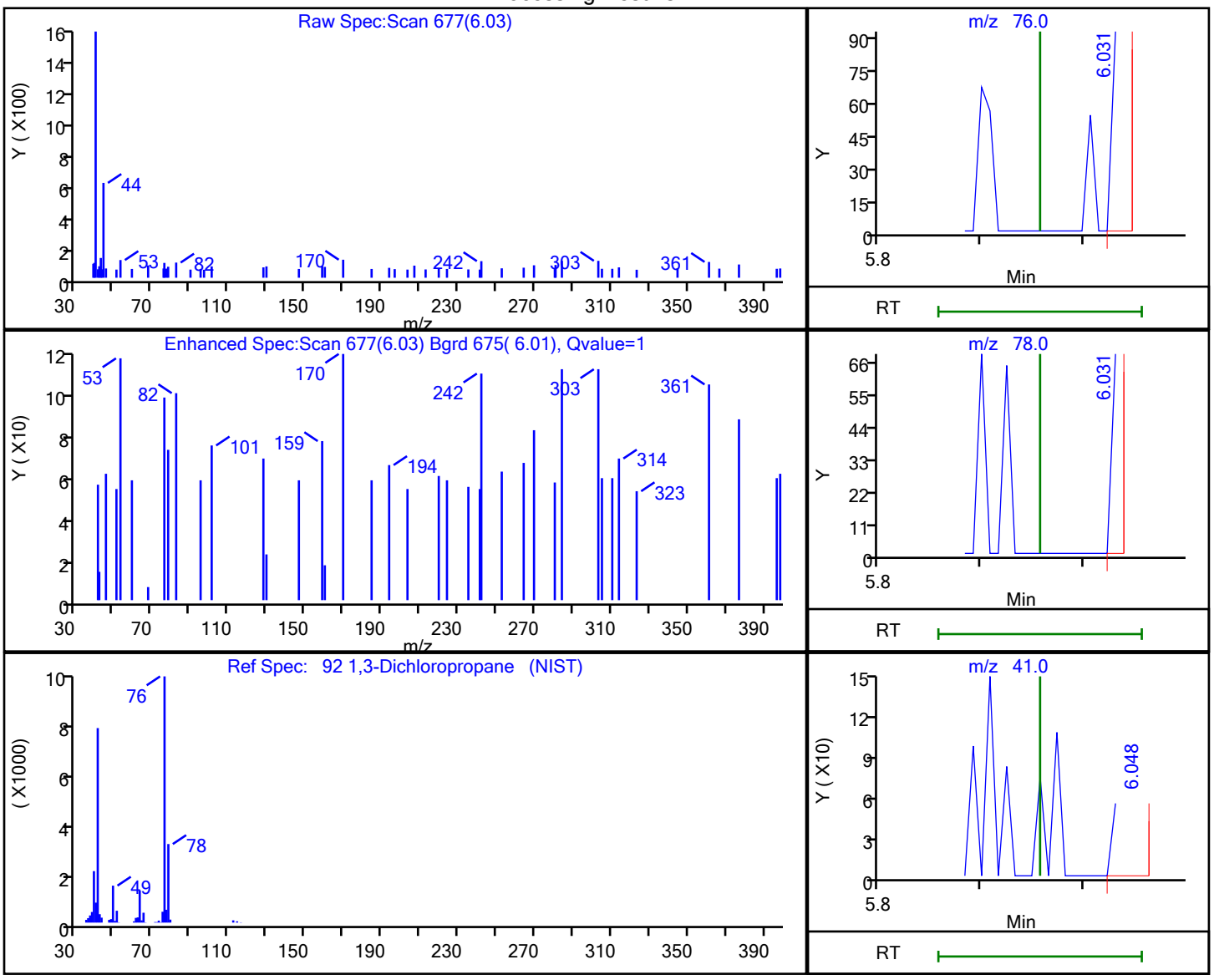
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

92 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
6.03	76.00	79	0.004731
6.03	78.00	34	
6.05	41.00	157	

Reviewer: martineze, 30-Mar-2021 13:05:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

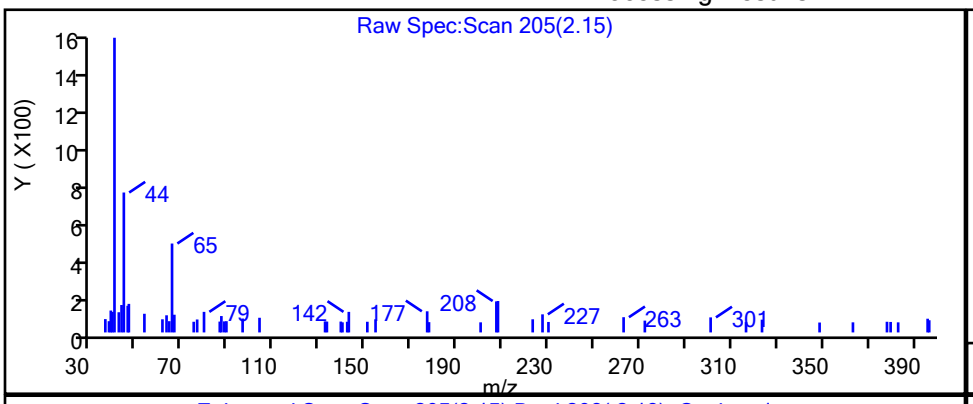
User Disabled Compound Report

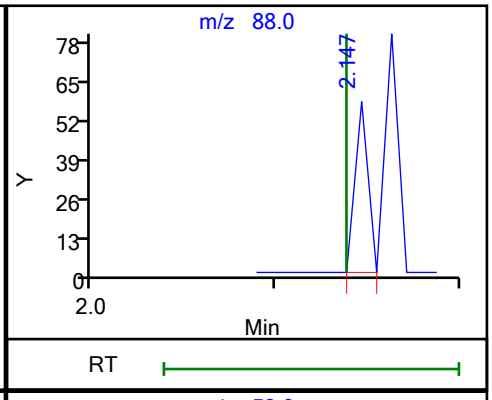
Eurofins TestAmerica, Edison

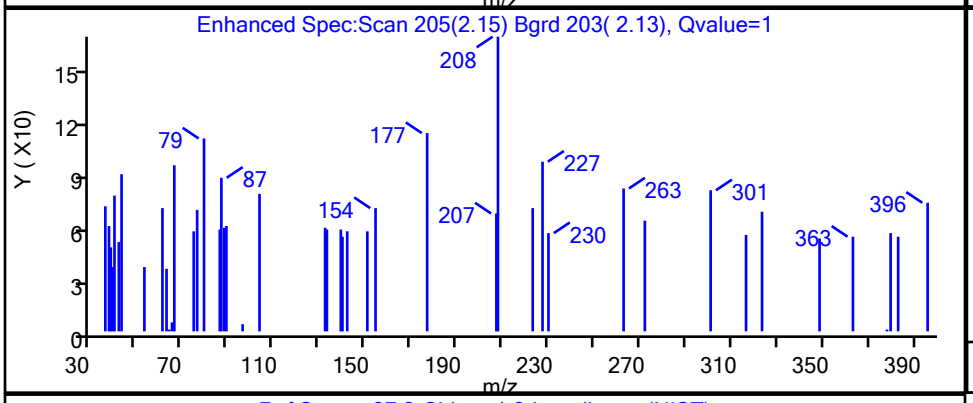
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

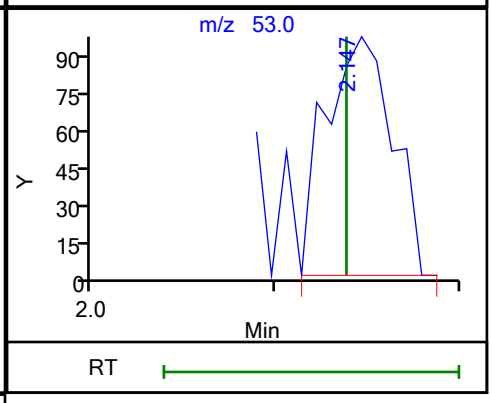
37 2-Chloro-1,3-butadiene, CAS: 126-99-8

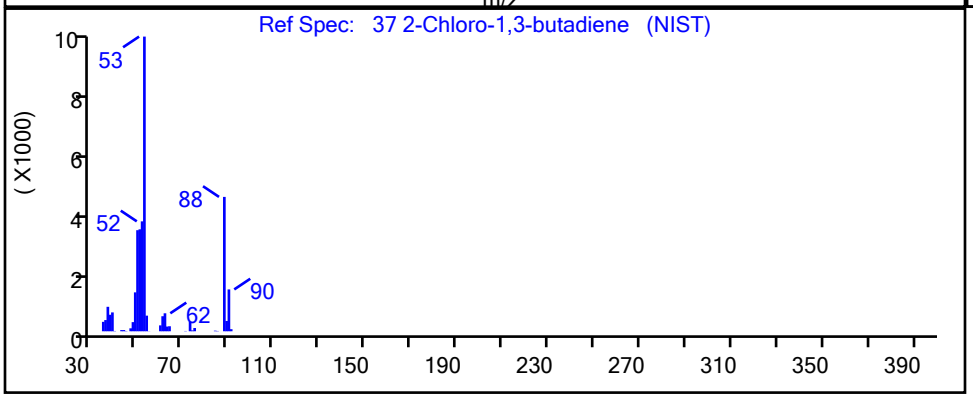
Processing Results











RT	Mass	Response	Amount
2.15	88.00	29	0.002941
2.15	53.00	251	

Reviewer: martineze, 30-Mar-2021 13:04:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

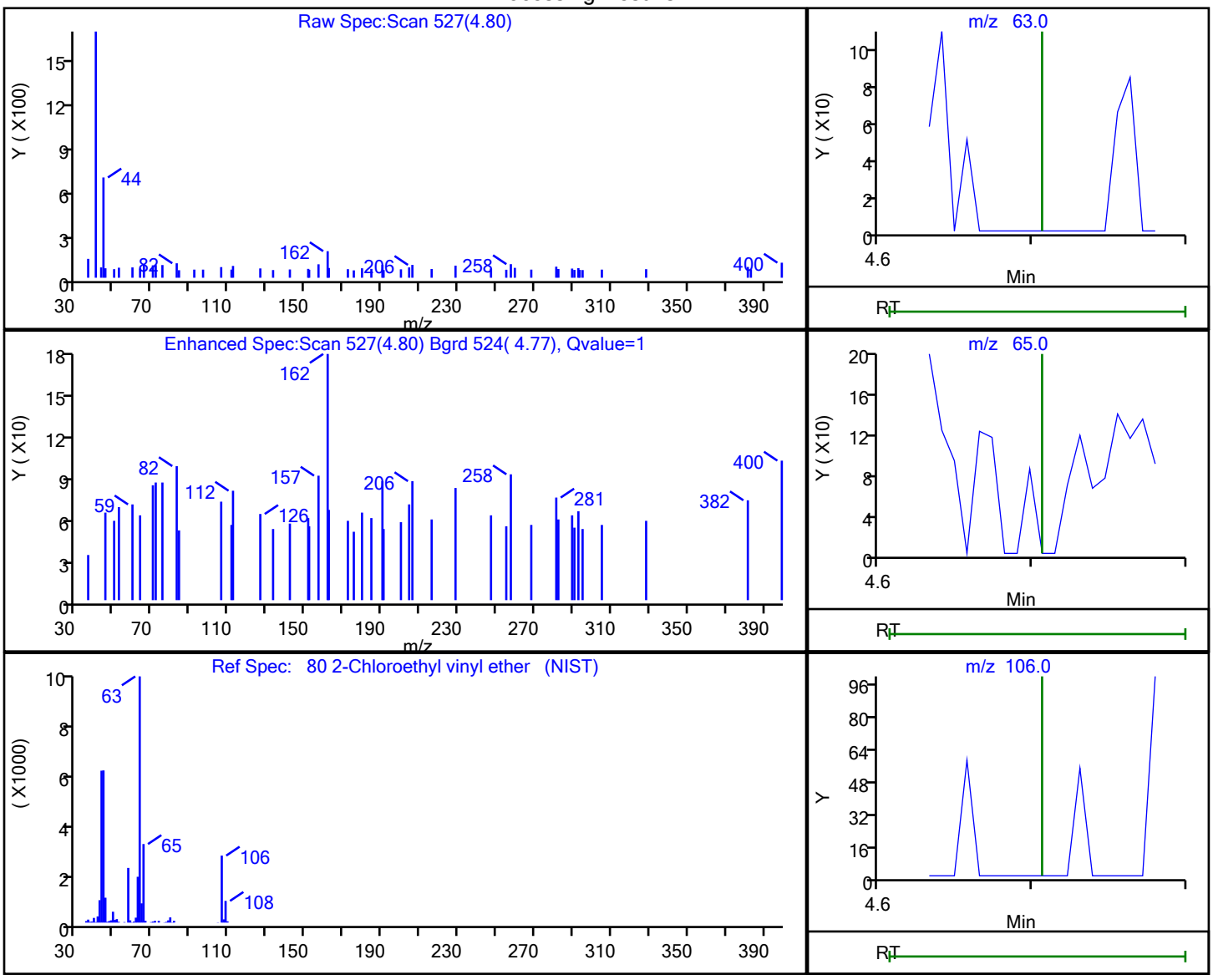
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

80 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
4.80	63.00	57	0.023265
4.80	65.00	170	
4.78	106.00	111	

Reviewer: martineze, 30-Mar-2021 13:04:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

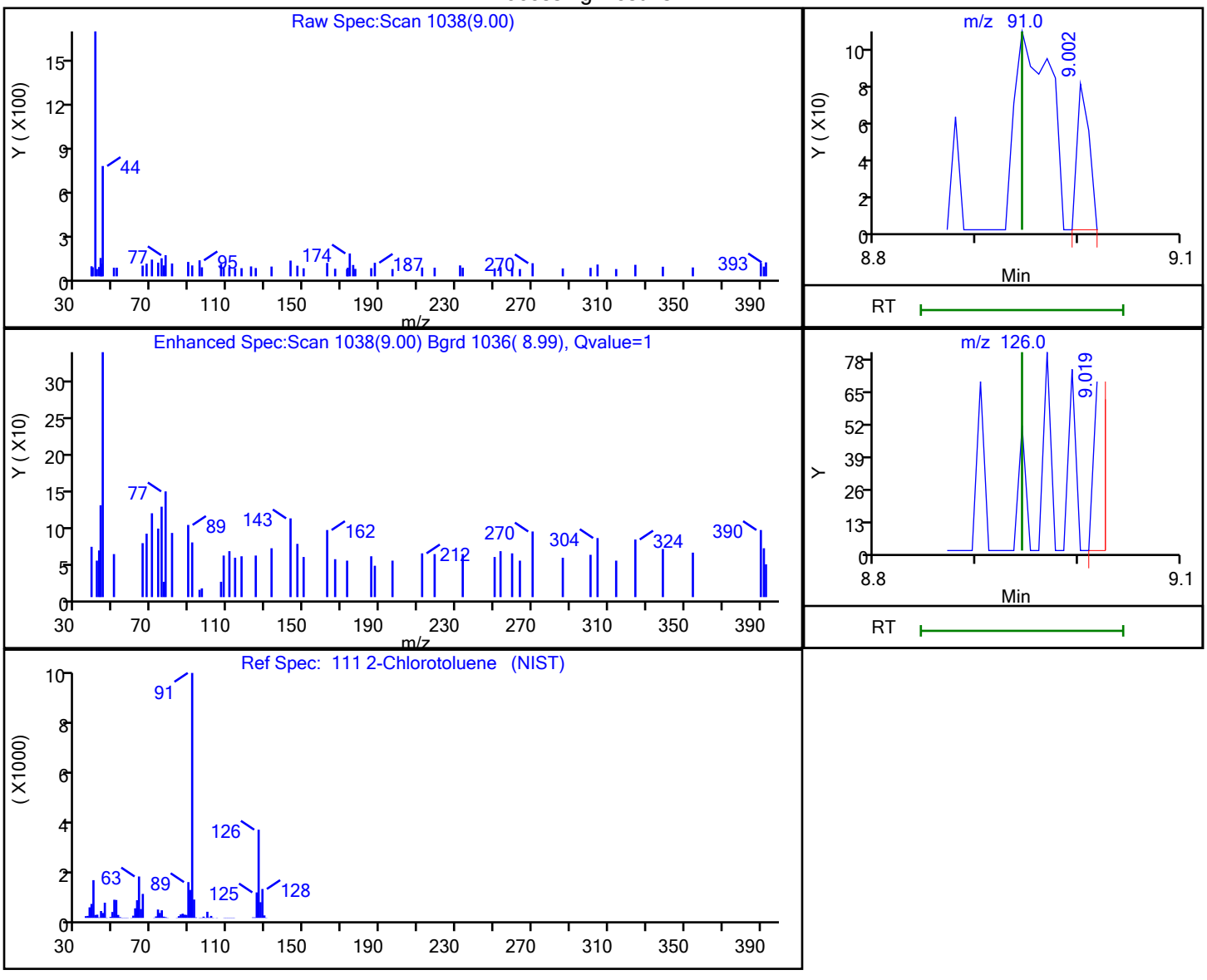
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

111 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
9.00	91.00	62	0.002165
9.02	126.00	34	

Reviewer: martineze, 30-Mar-2021 13:05:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

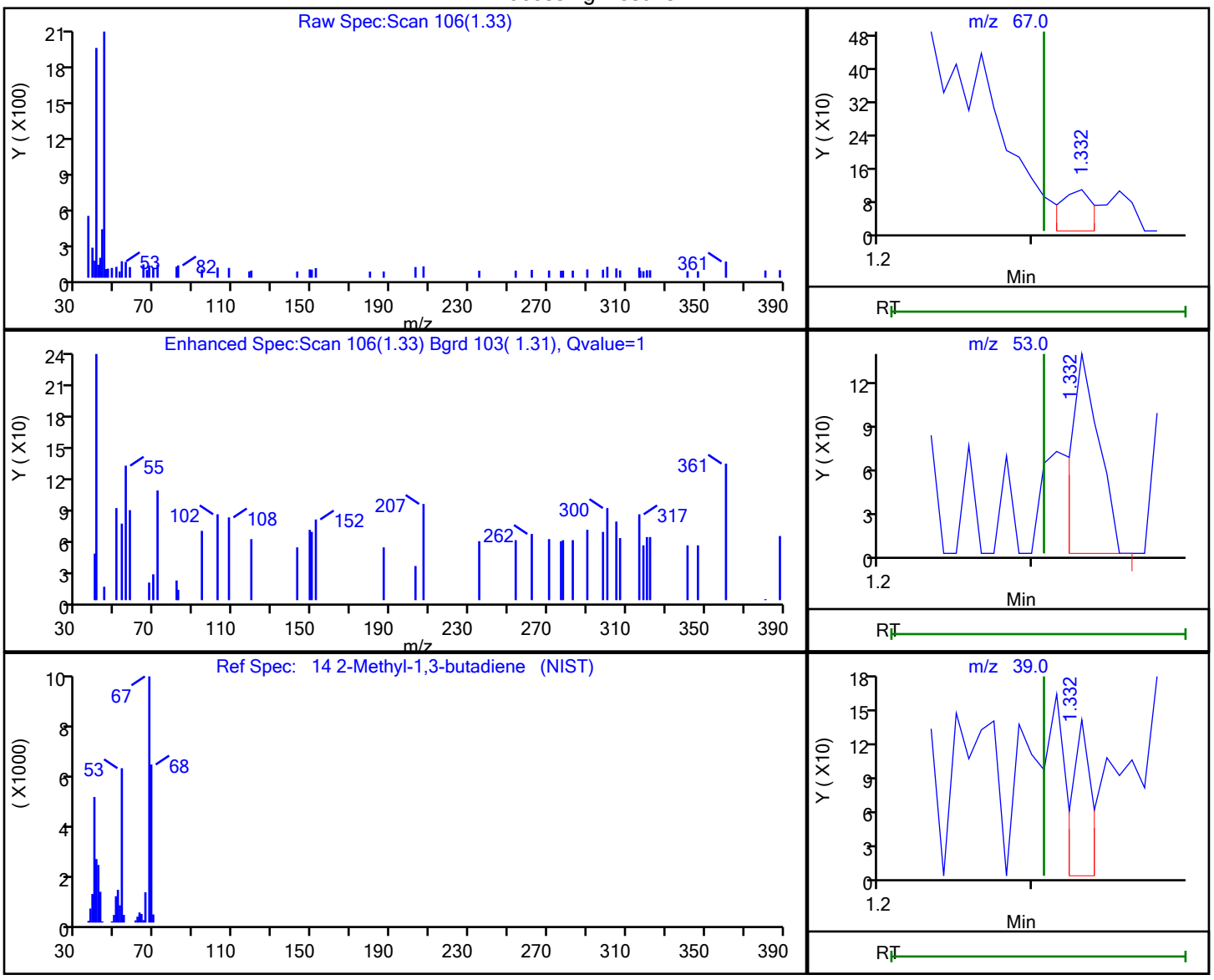
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.33	67.00	155	0.009281
1.33	53.00	169	
1.33	39.00	127	

Reviewer: martineze, 30-Mar-2021 13:04:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

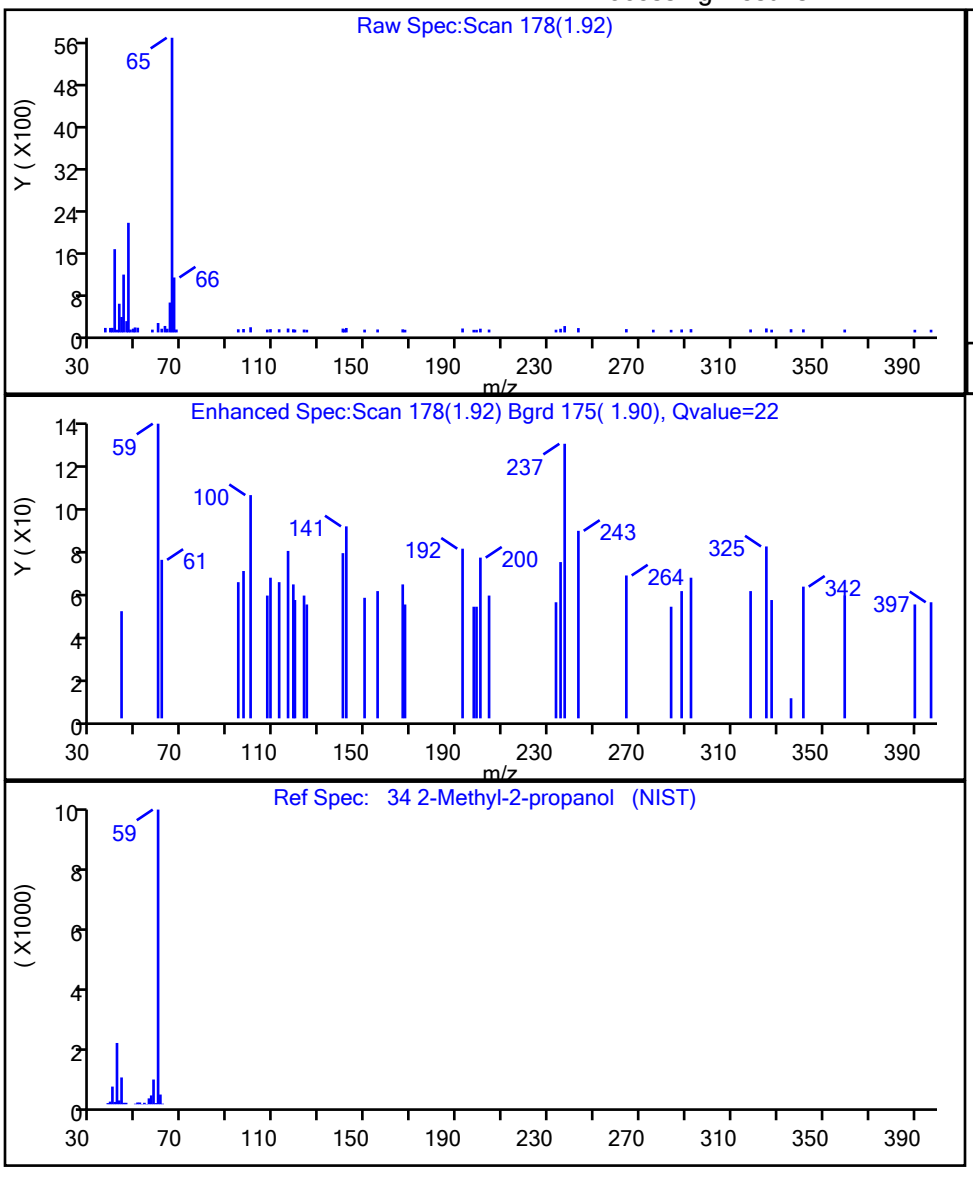
User Disabled Compound Report

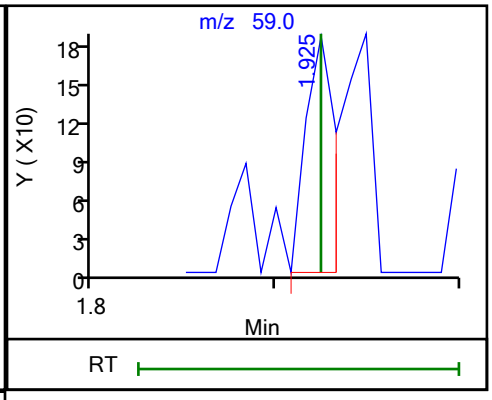
Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

34 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results





RT	Mass	Response	Amount
1.92	59.00	202	0.255587

Reviewer: martineze, 30-Mar-2021 13:04:19

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

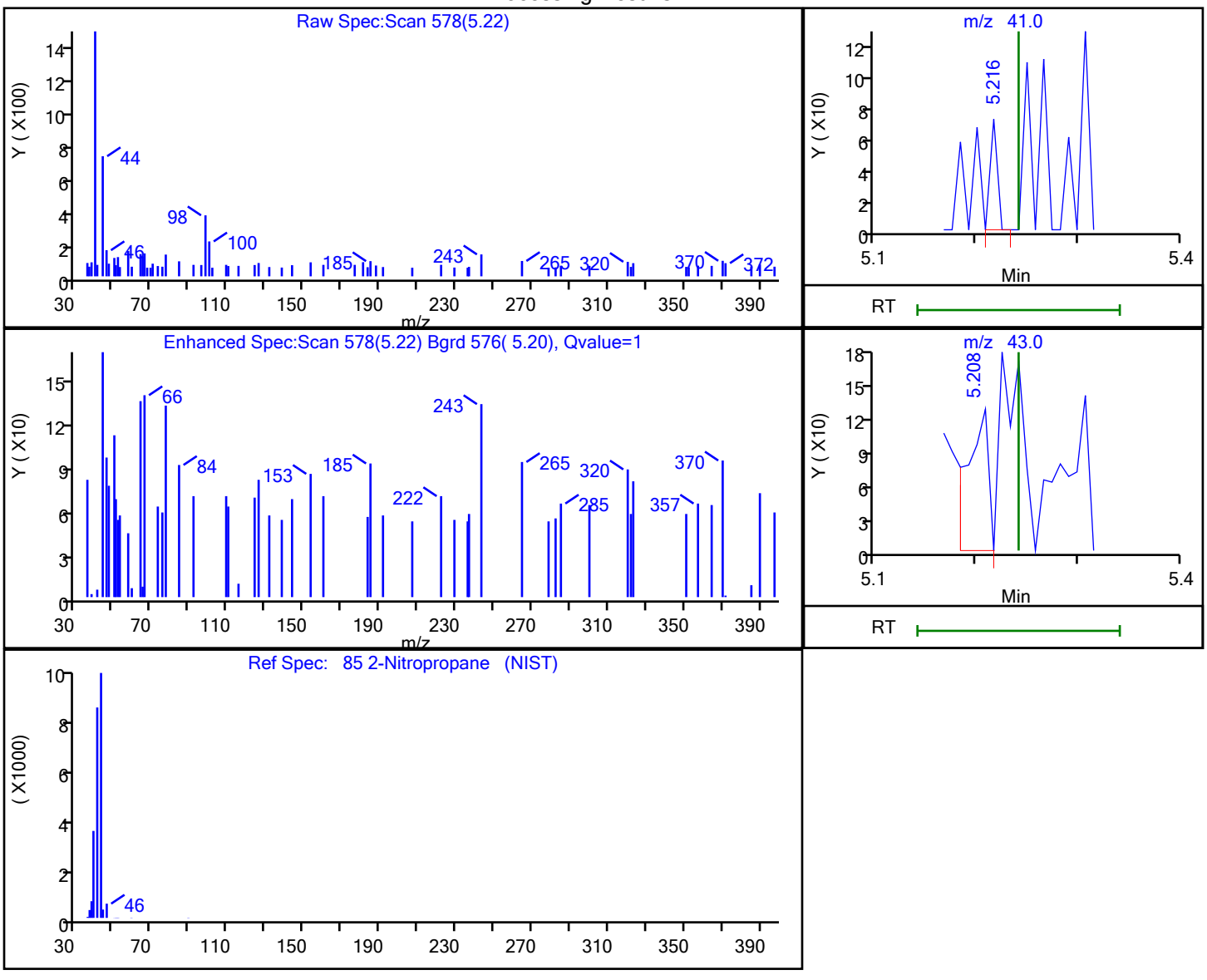
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D		
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
5.22	41.00	34	0.021549
5.21	43.00	180	

Reviewer: martineze, 30-Mar-2021 13:05:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

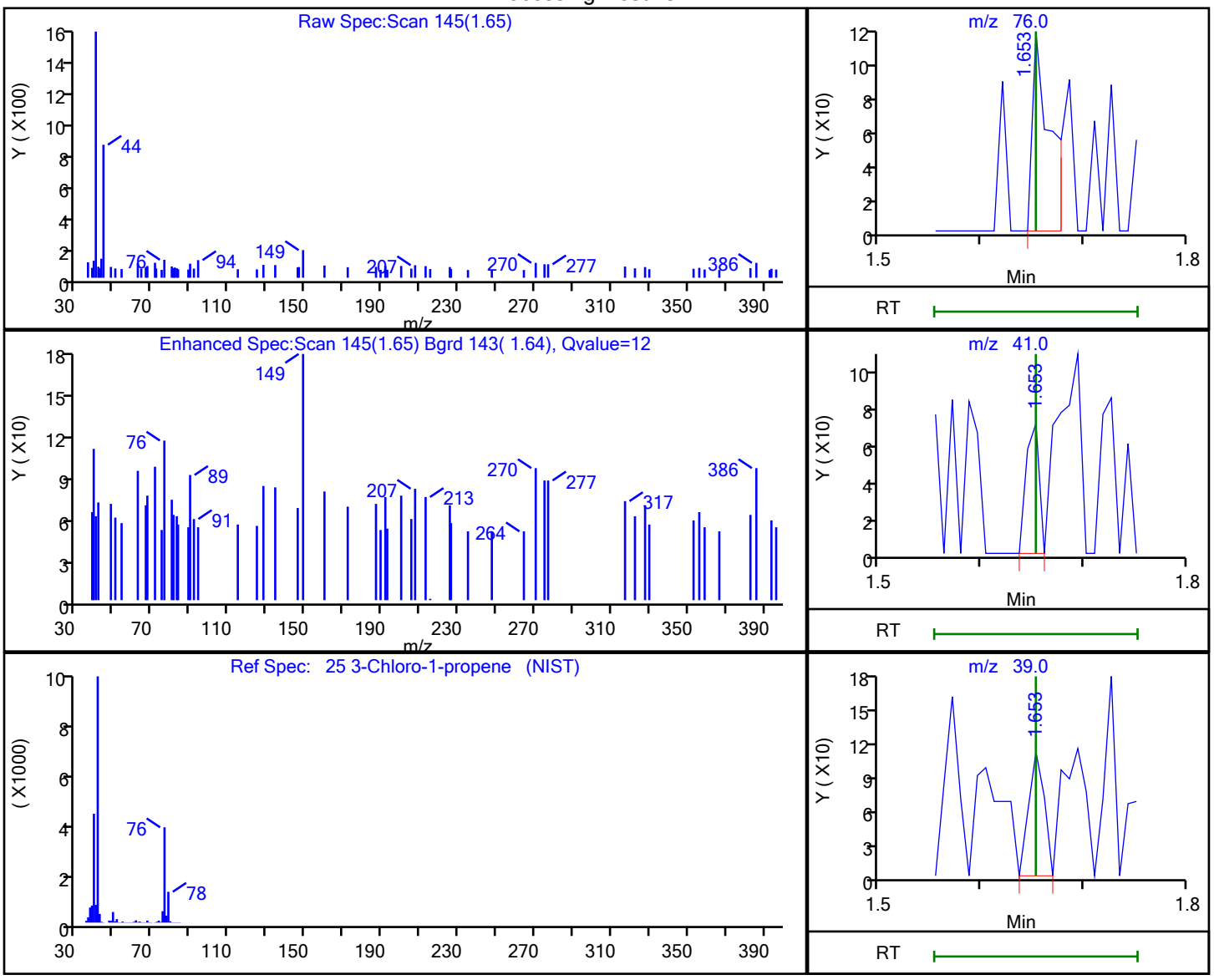
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

25 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
1.65	76.00	141	0.022792
1.65	41.00	63	
1.65	39.00	117	

Reviewer: martineze, 30-Mar-2021 13:04:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

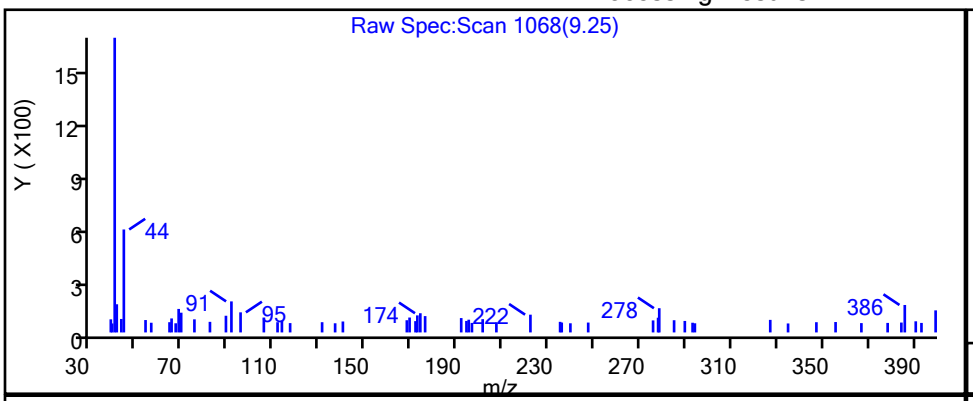
User Disabled Compound Report

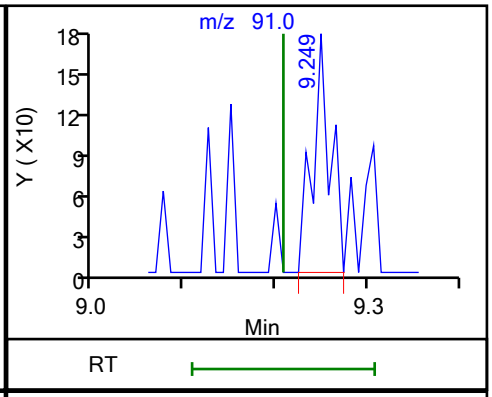
Eurofins TestAmerica, Edison

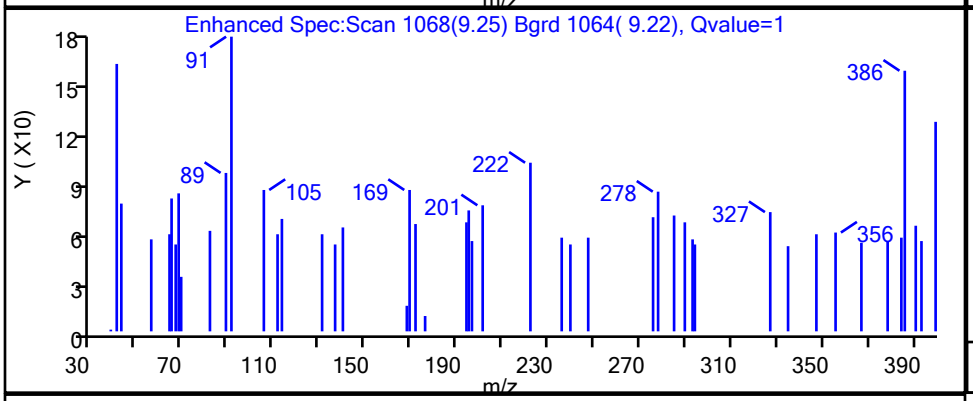
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

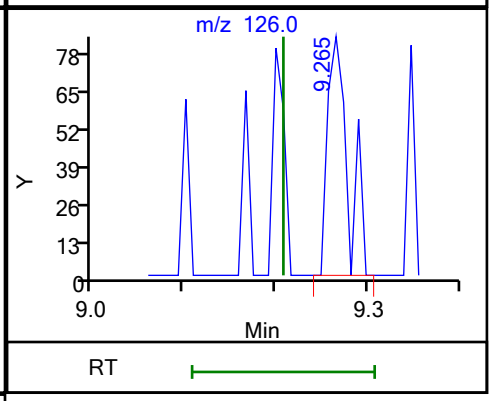
116 4-Chlorotoluene, CAS: 106-43-4

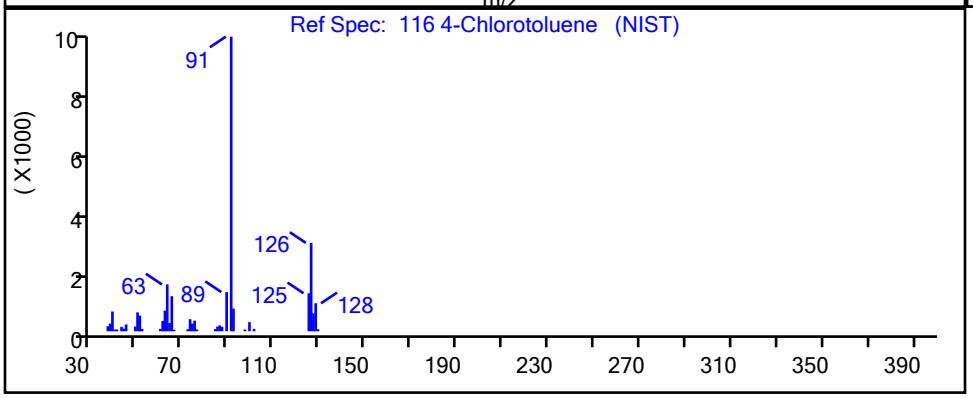
Processing Results











RT	Mass	Response	Amount
9.25	91.00	234	0.009373
9.27	126.00	131	

Reviewer: martineze, 30-Mar-2021 13:05:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

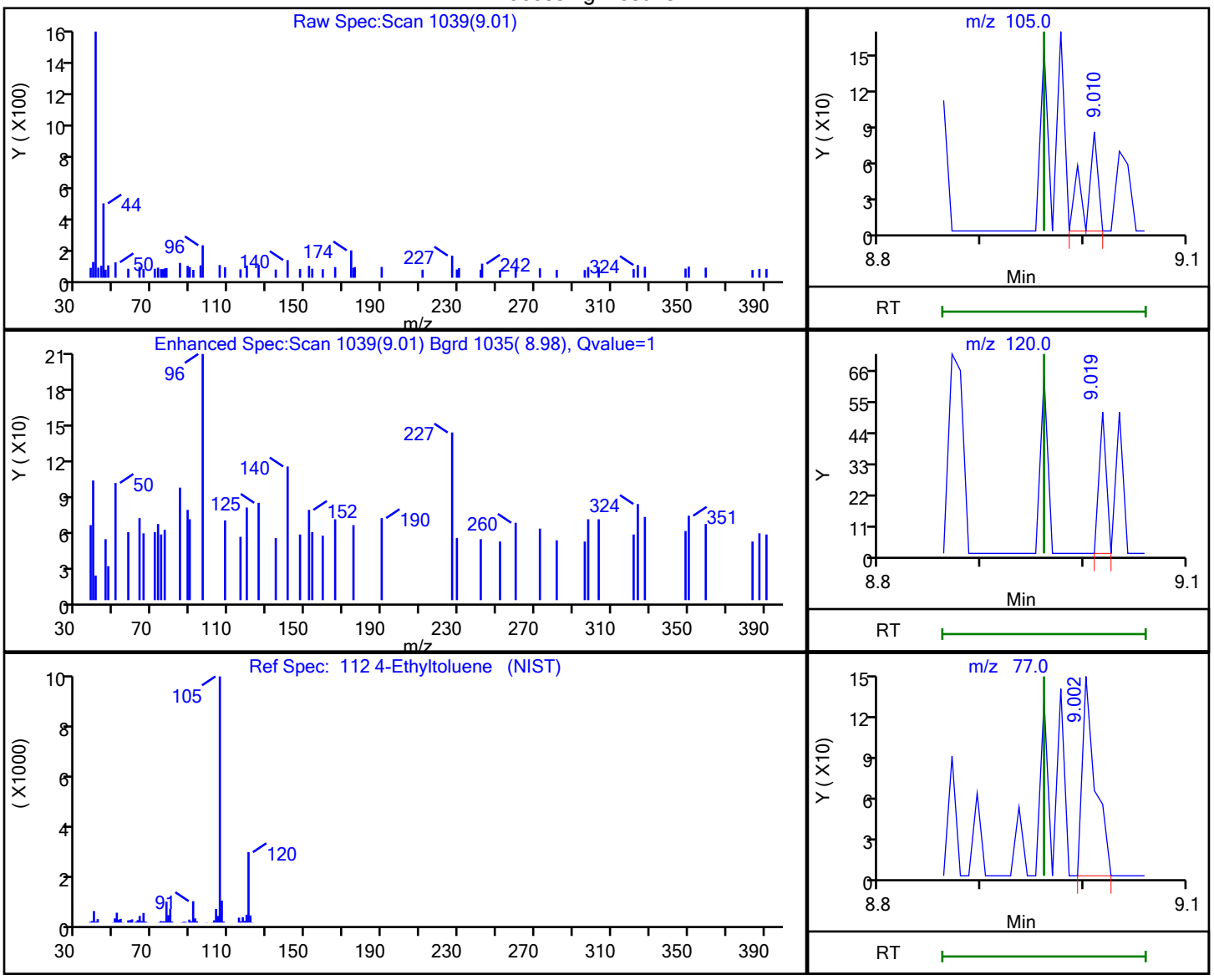
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.01	105.00	67	0.002535
9.02	120.00	25	
9.00	77.00	128	

Reviewer: martineze, 30-Mar-2021 13:05:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

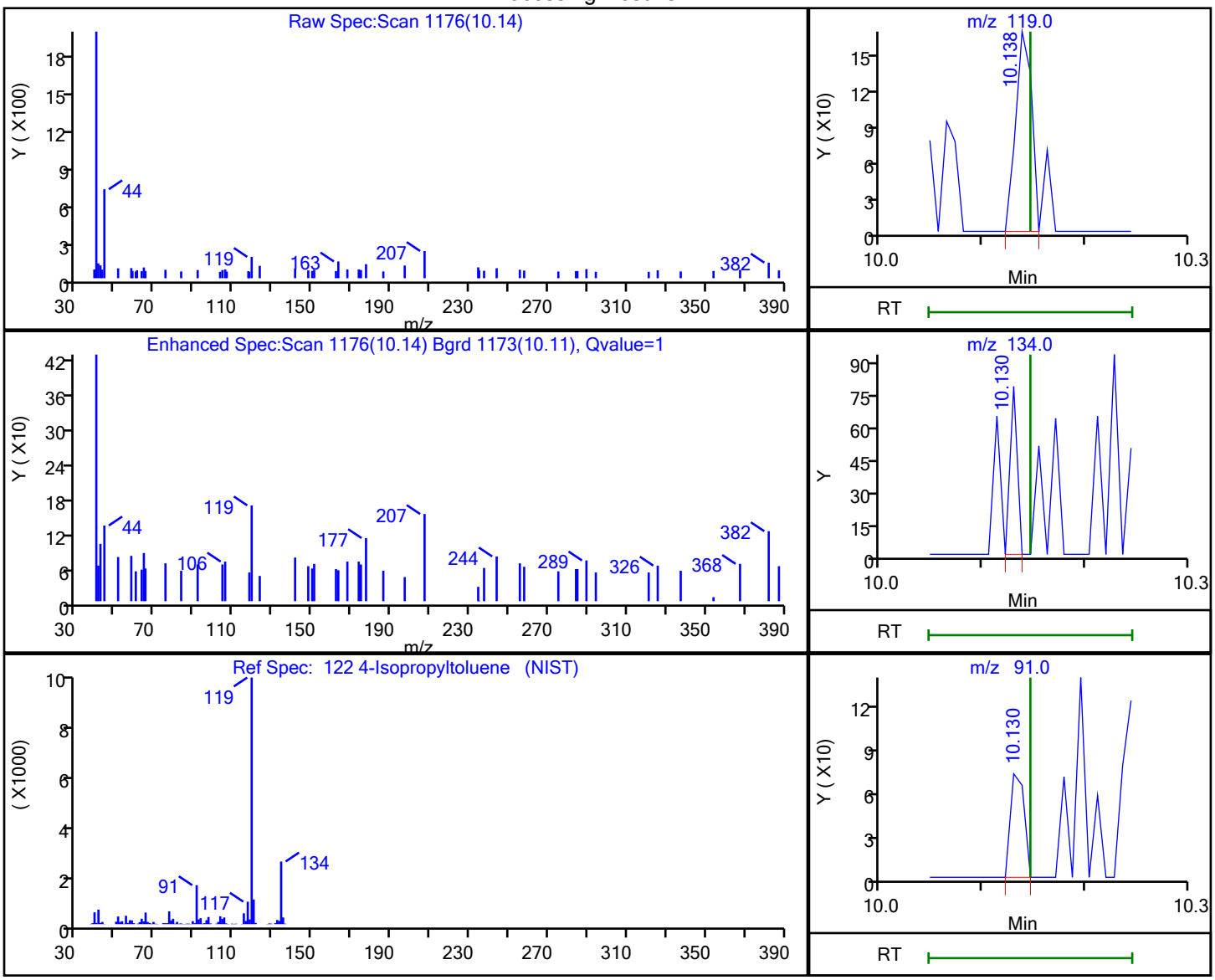
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.14	119.00	182	0.010030
10.13	134.00	39	
10.13	91.00	67	

Reviewer: martineze, 30-Mar-2021 13:05:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

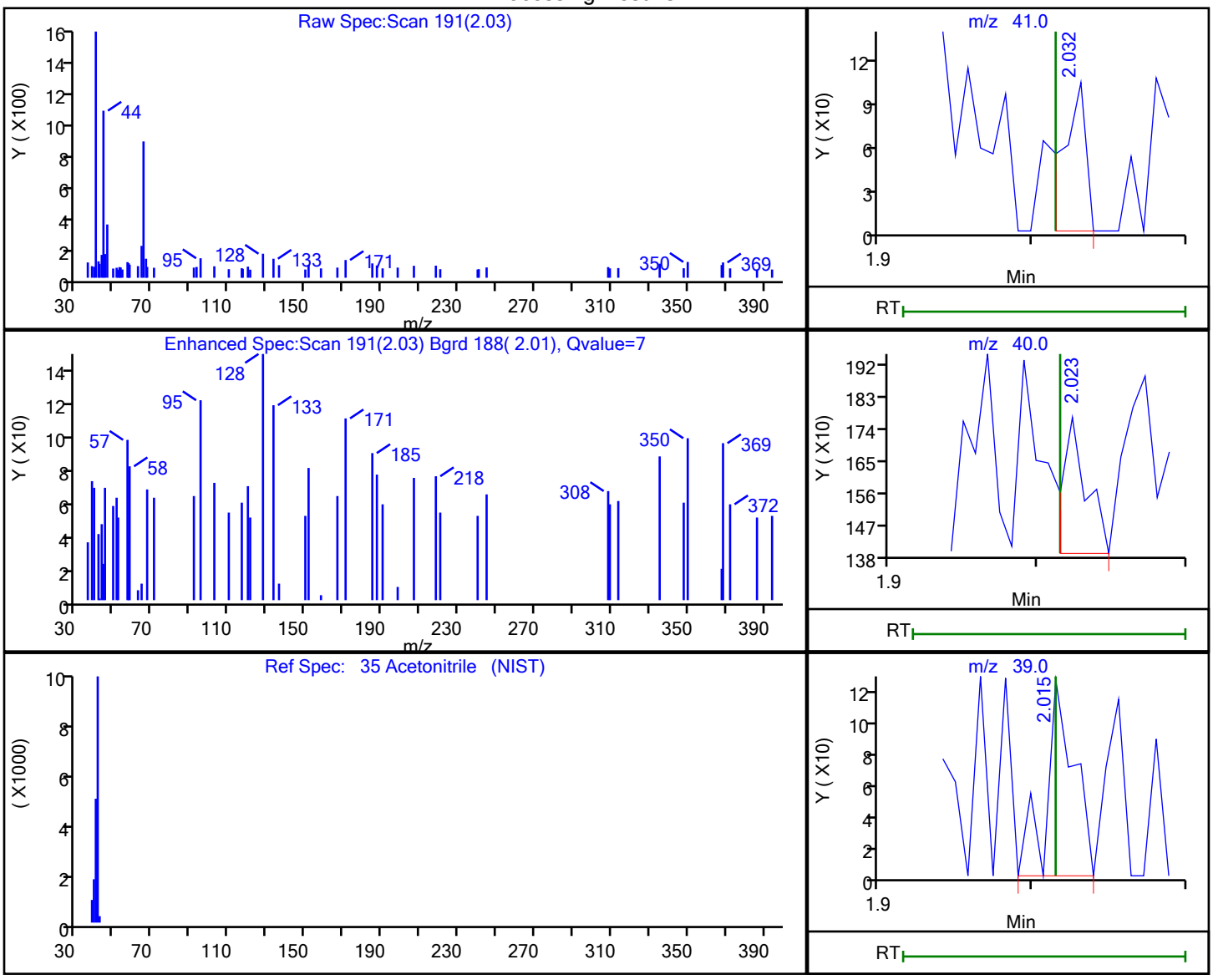
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

35 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.03	41.00	106	0.180155
2.02	40.00	435	
2.02	39.00	150	
2.02	38.00	148	

Reviewer: martineze, 30-Mar-2021 13:04:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

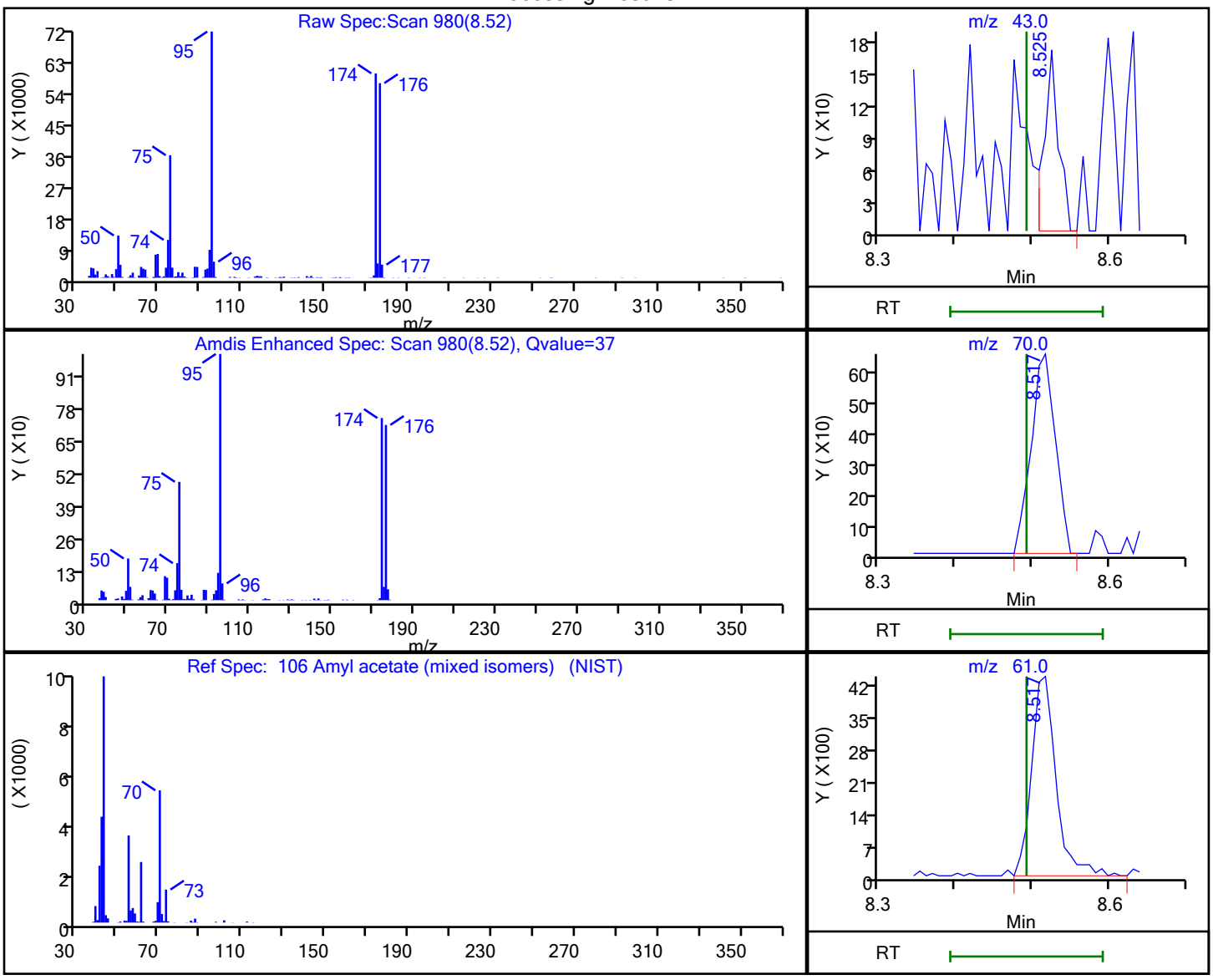
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

106 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.52	43.00	219	0.019153
8.52	70.00	1443	
8.52	61.00	9667	

Reviewer: martineze, 30-Mar-2021 13:05:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

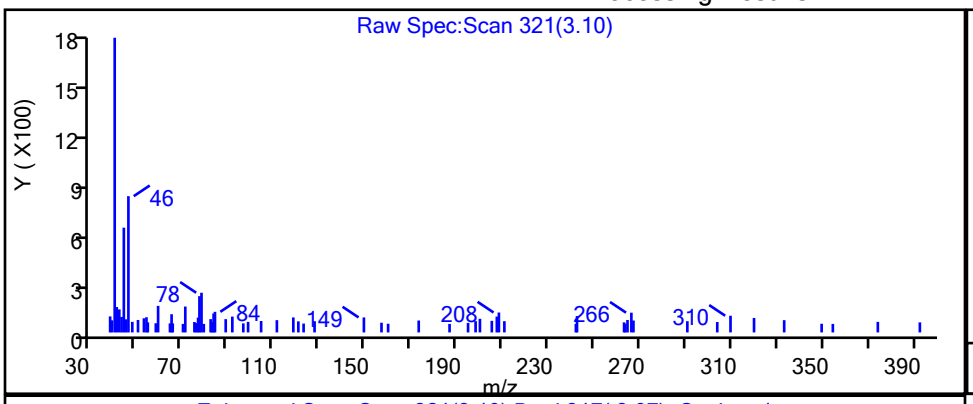
User Disabled Compound Report

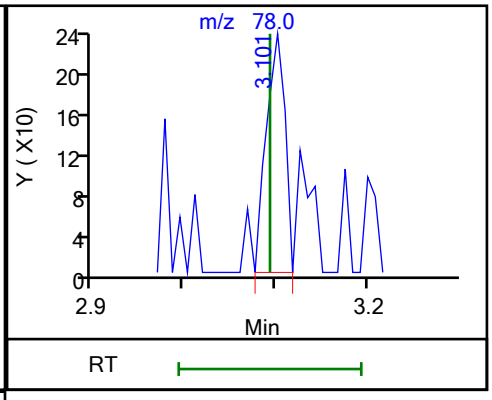
Eurofins TestAmerica, Edison

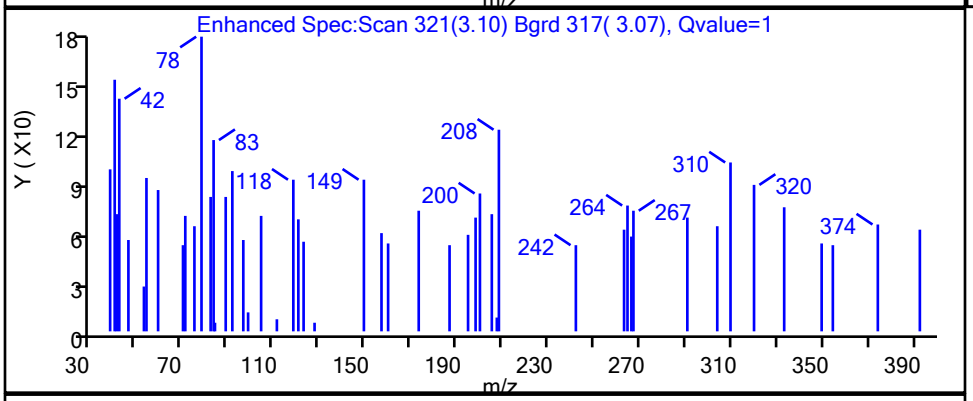
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D		
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

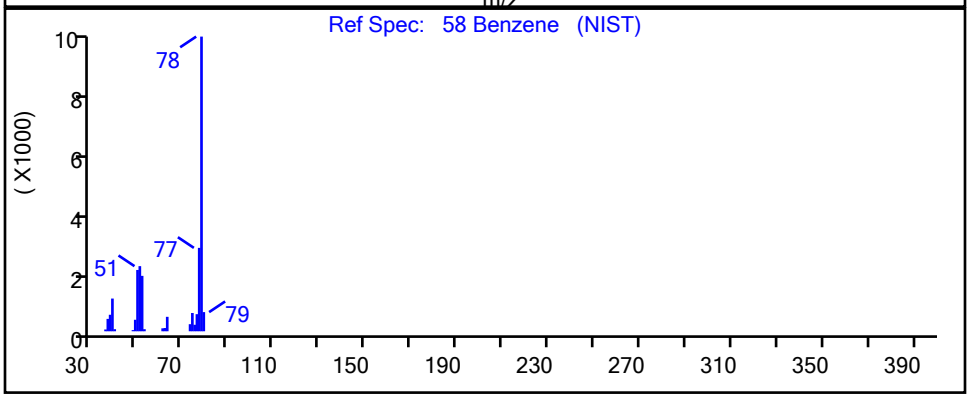
58 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
3.10	78.00	331	0.006368

Reviewer: martineze, 30-Mar-2021 13:04:46

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

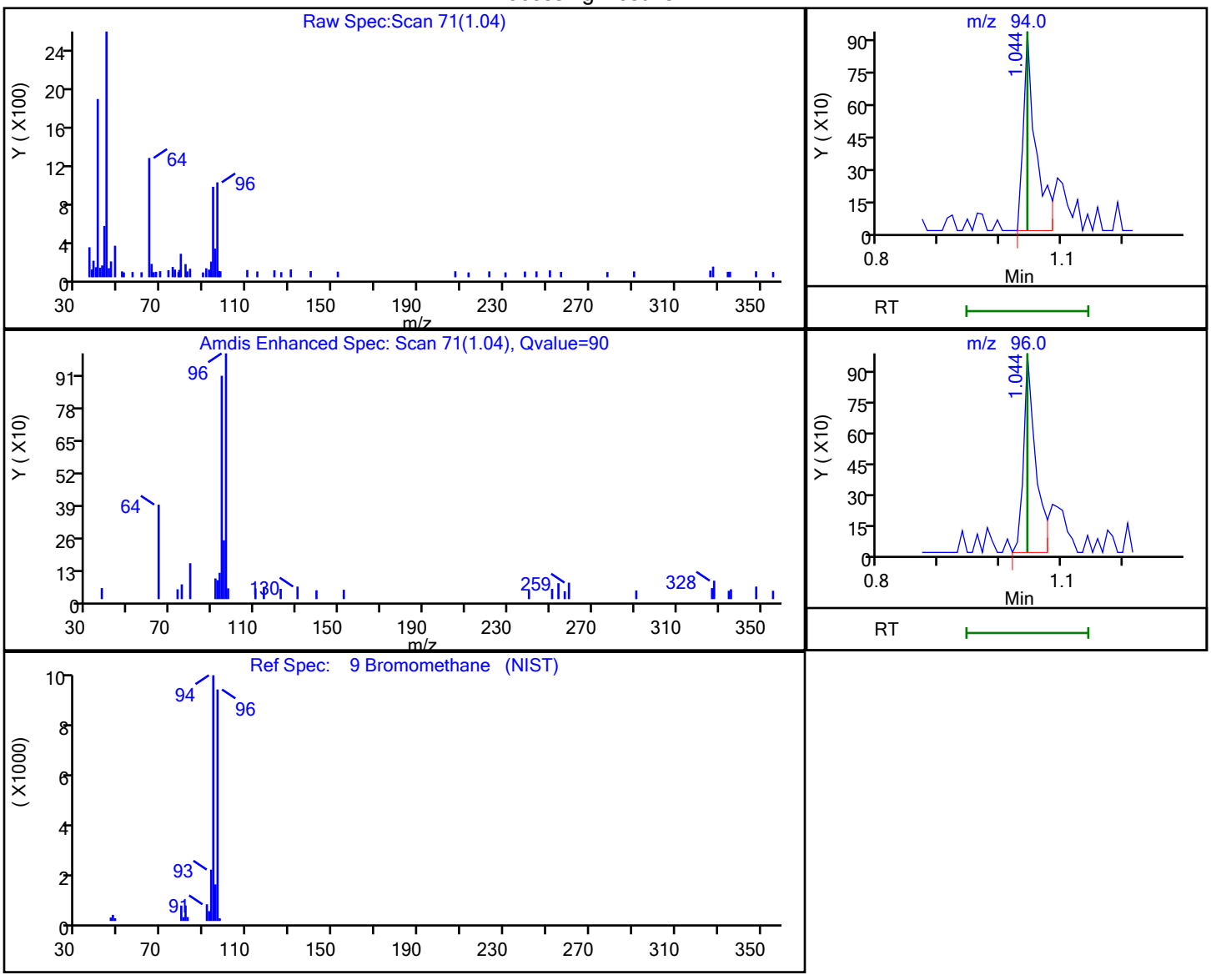
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.04	94.00	1316	0.277350
1.04	96.00	1349	

Reviewer: martineze, 30-Mar-2021 13:04:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

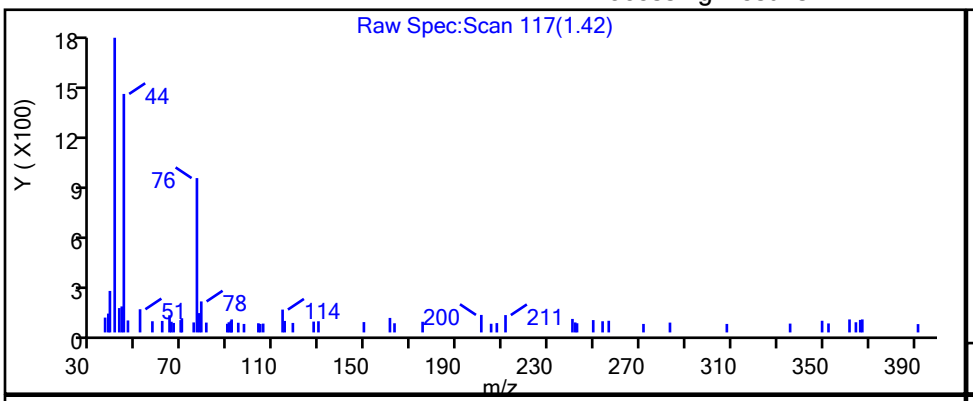
User Disabled Compound Report

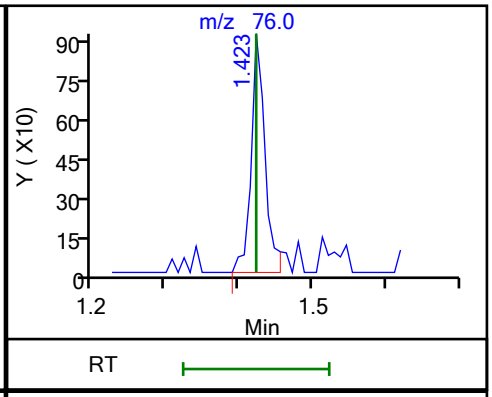
Eurofins TestAmerica, Edison

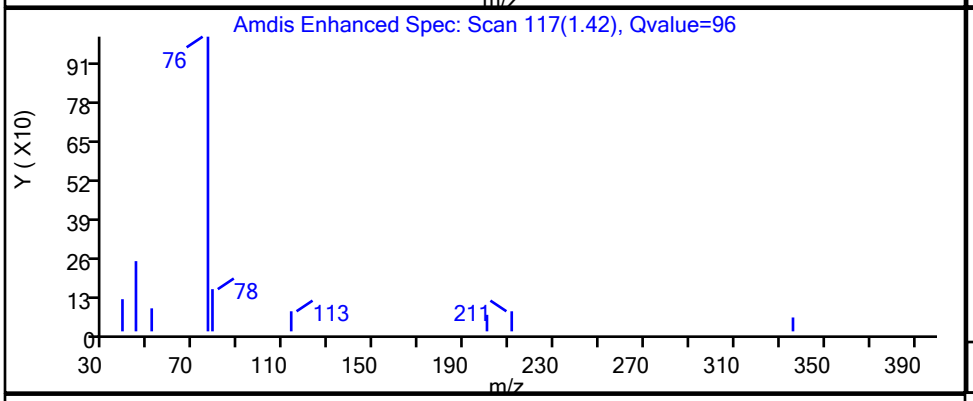
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

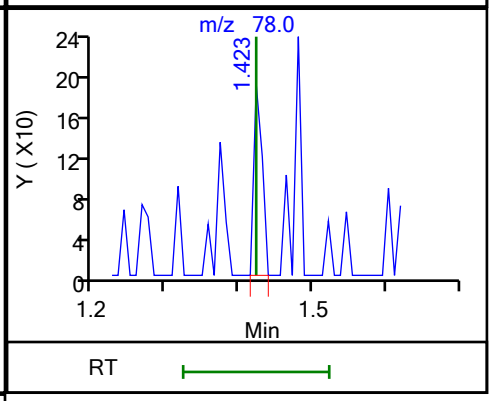
19 Carbon disulfide, CAS: 75-15-0

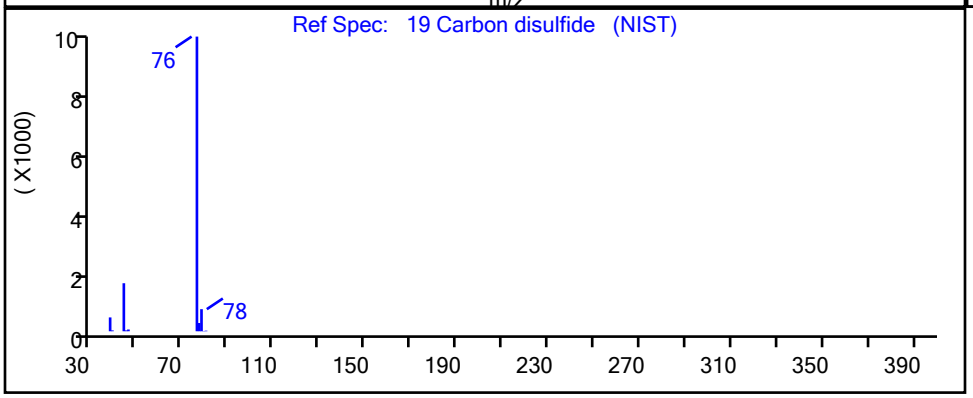
Processing Results











RT	Mass	Response	Amount
1.42	76.00	1215	0.030540
1.42	78.00	149	

Reviewer: martineze, 30-Mar-2021 13:04:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

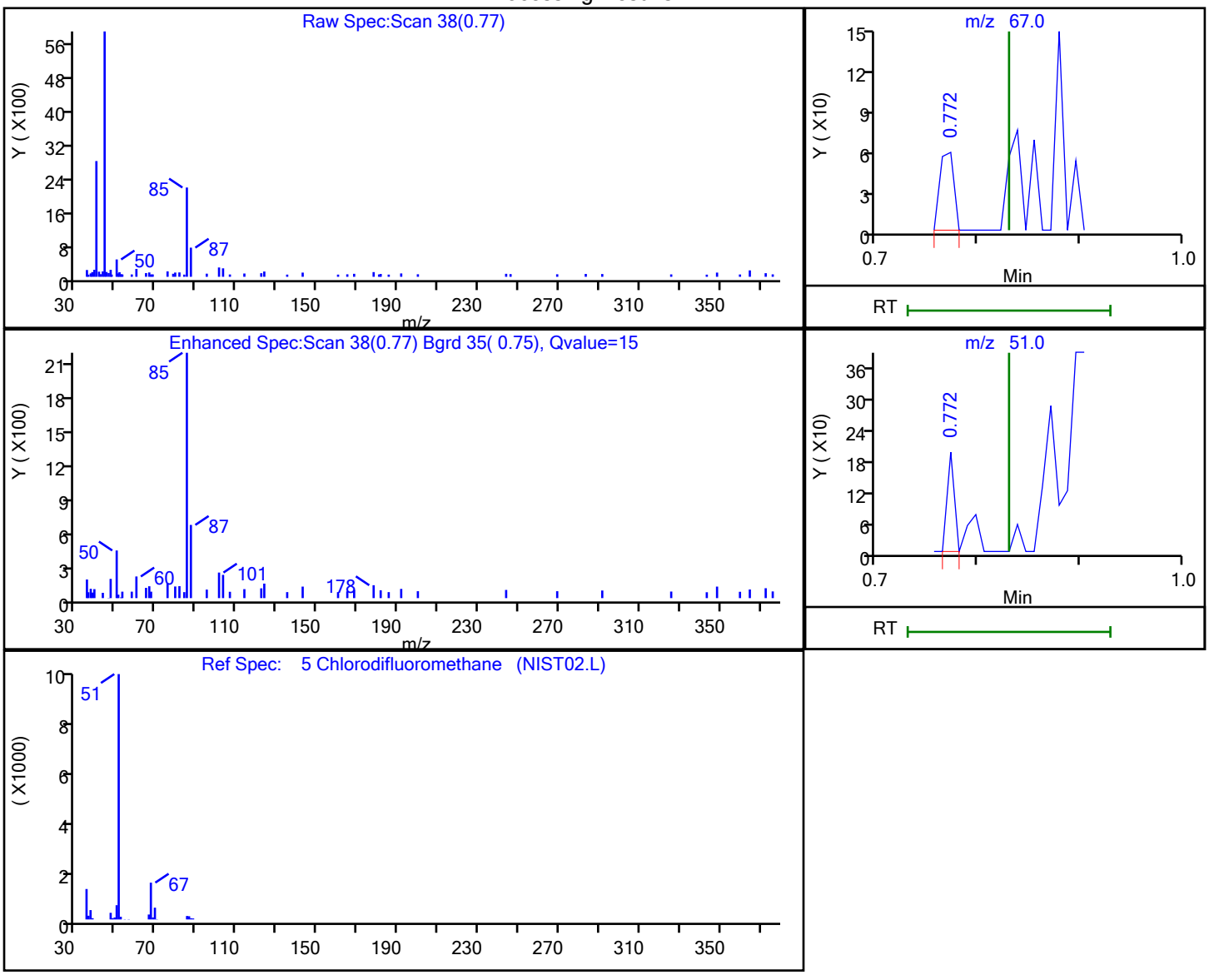
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
0.77	67.00	54	0.058450
0.77	51.00	94	

Reviewer: martineze, 30-Mar-2021 13:04:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

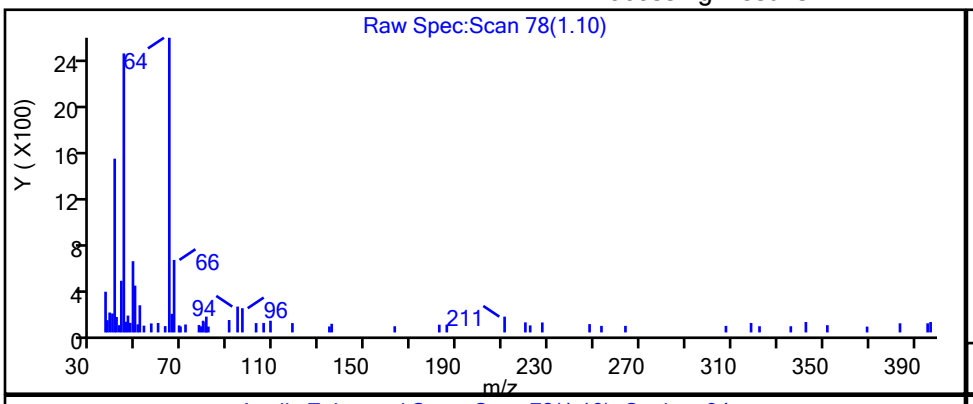
User Disabled Compound Report

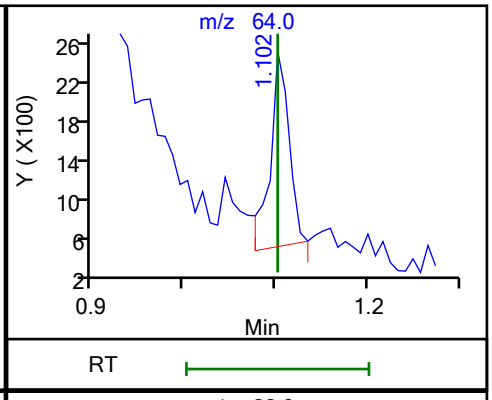
Eurofins TestAmerica, Edison

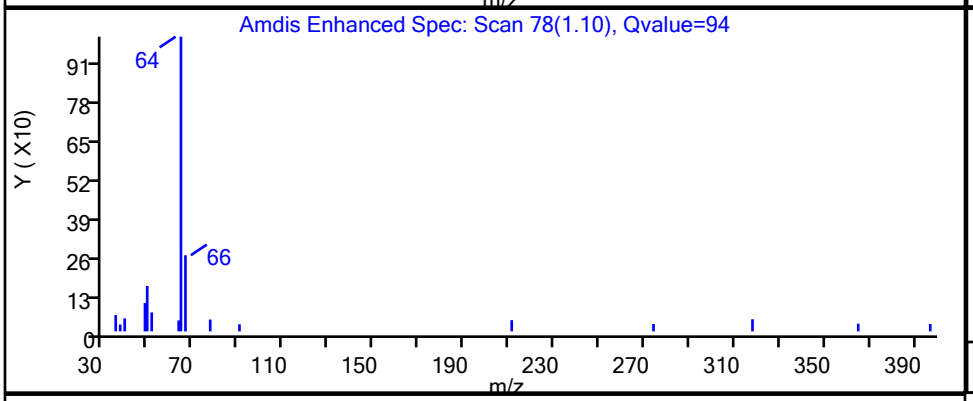
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

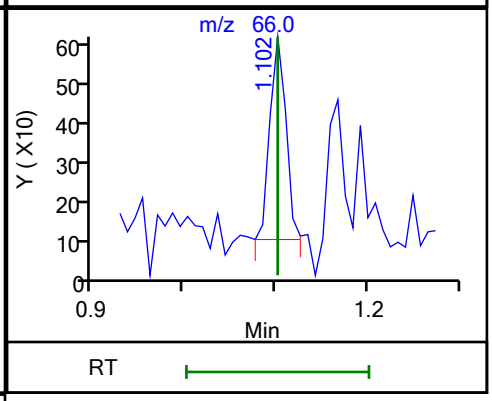
10 Chloroethane, CAS: 75-00-3

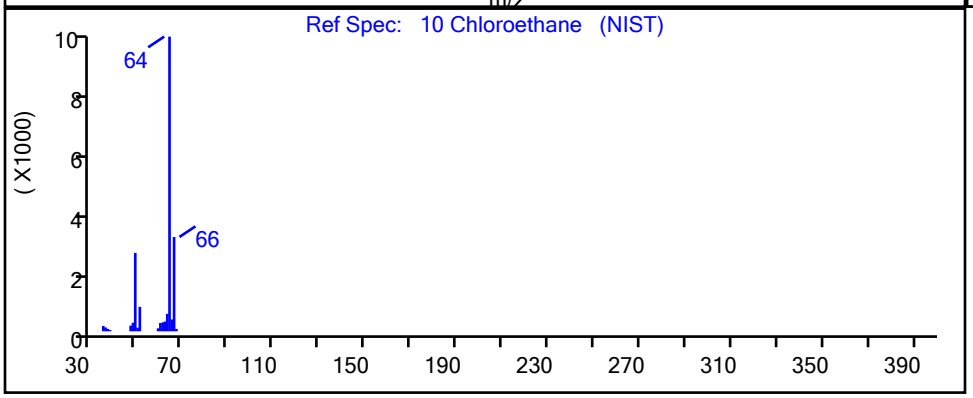
Processing Results











RT	Mass	Response	Amount
1.10	64.00	2874	0.250000
1.10	66.00	640	

Reviewer: martineze, 30-Mar-2021 13:04:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

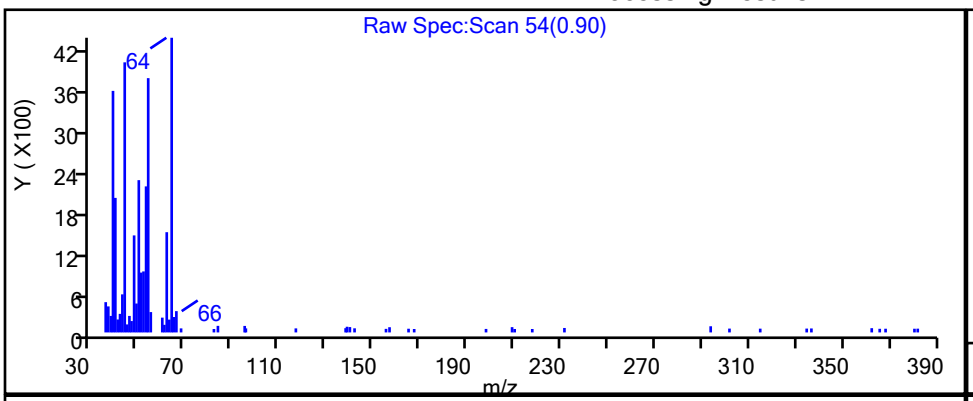
User Disabled Compound Report

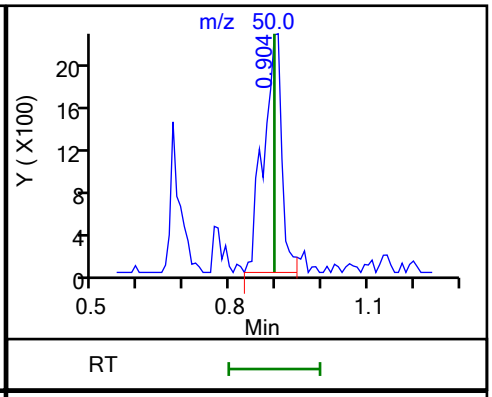
Eurofins TestAmerica, Edison

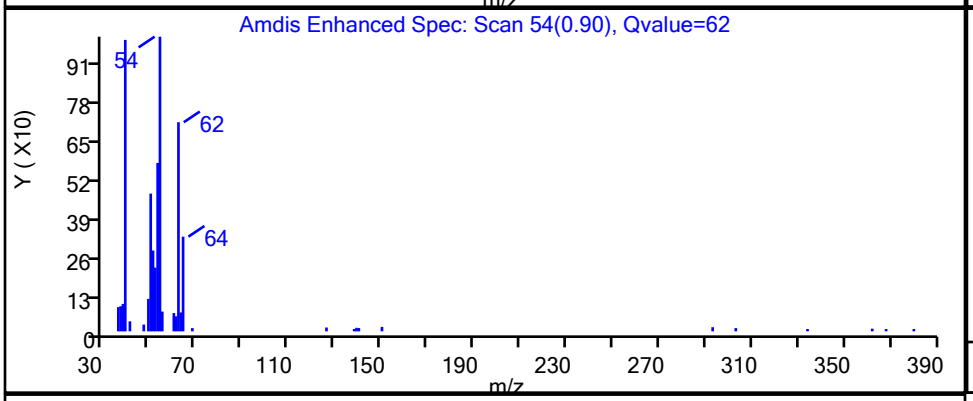
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

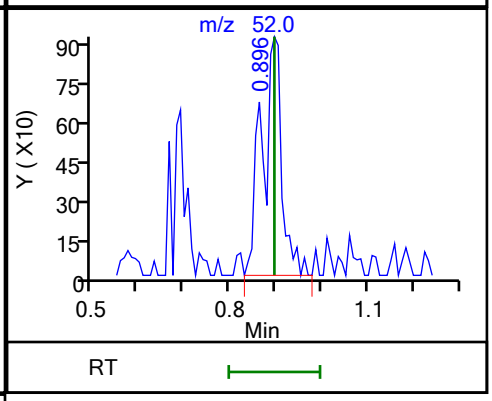
6 Chloromethane, CAS: 74-87-3

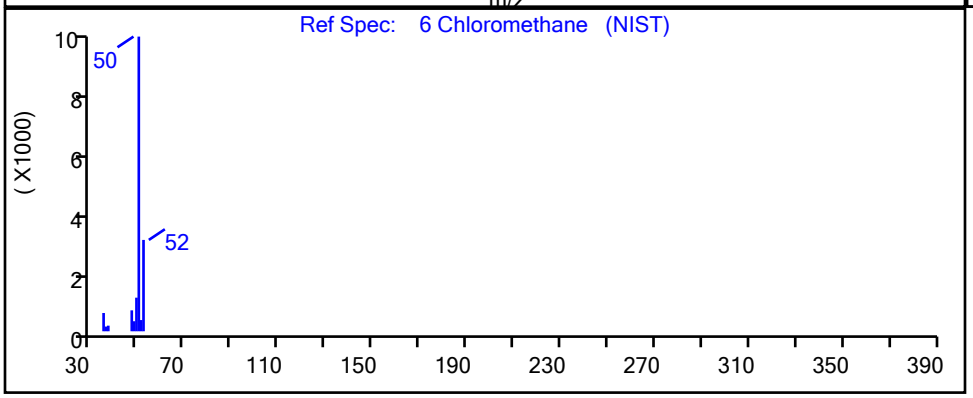
Processing Results











RT	Mass	Response	Amount
0.90	50.00	6160	0.271858
0.90	52.00	2767	

Reviewer: martineze, 30-Mar-2021 13:04:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

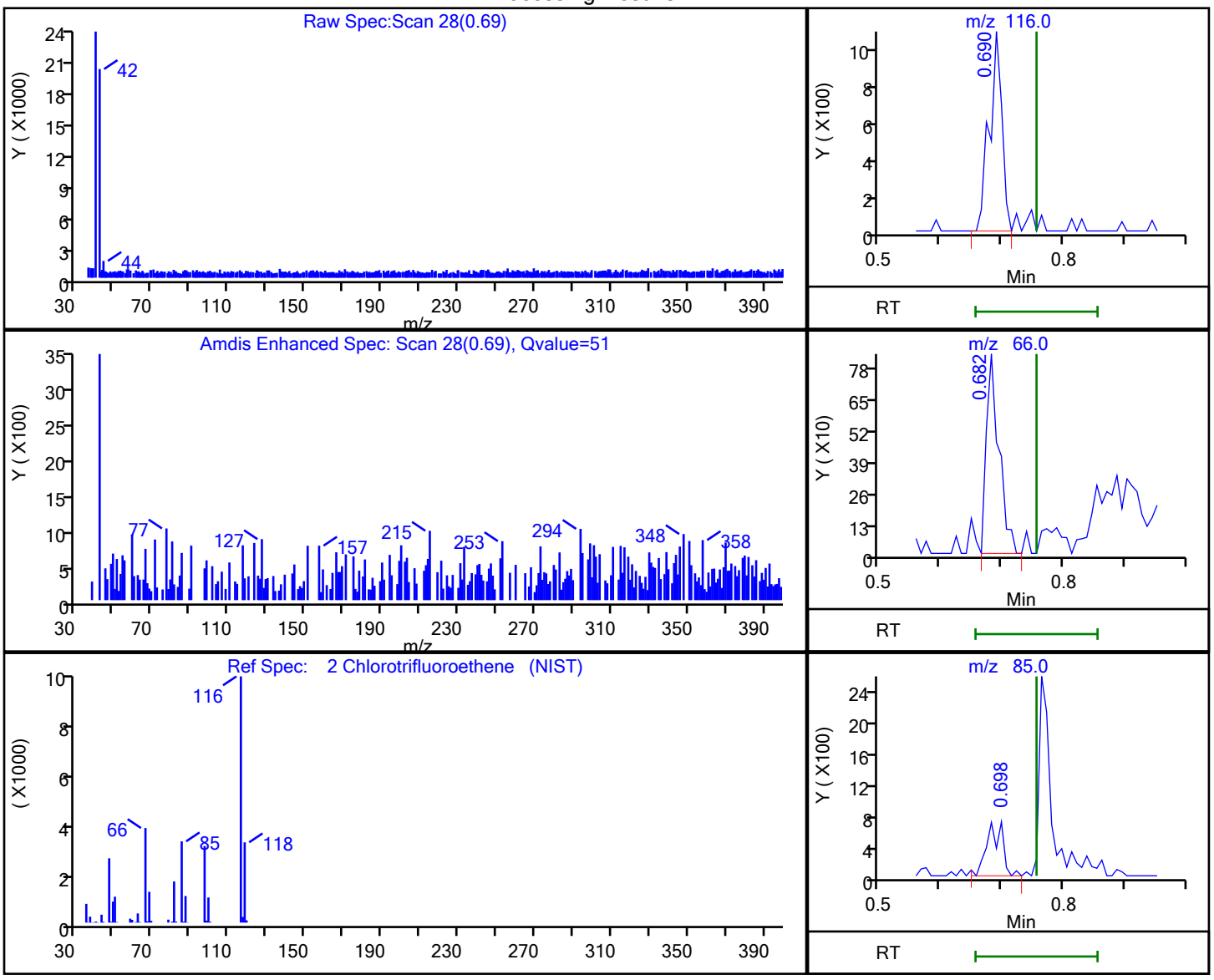
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
0.69	116.00	1538	1.053375
0.68	66.00	1196	
0.70	85.00	1267	
0.68	118.00	1168	

Reviewer: martineze, 30-Mar-2021 13:03:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

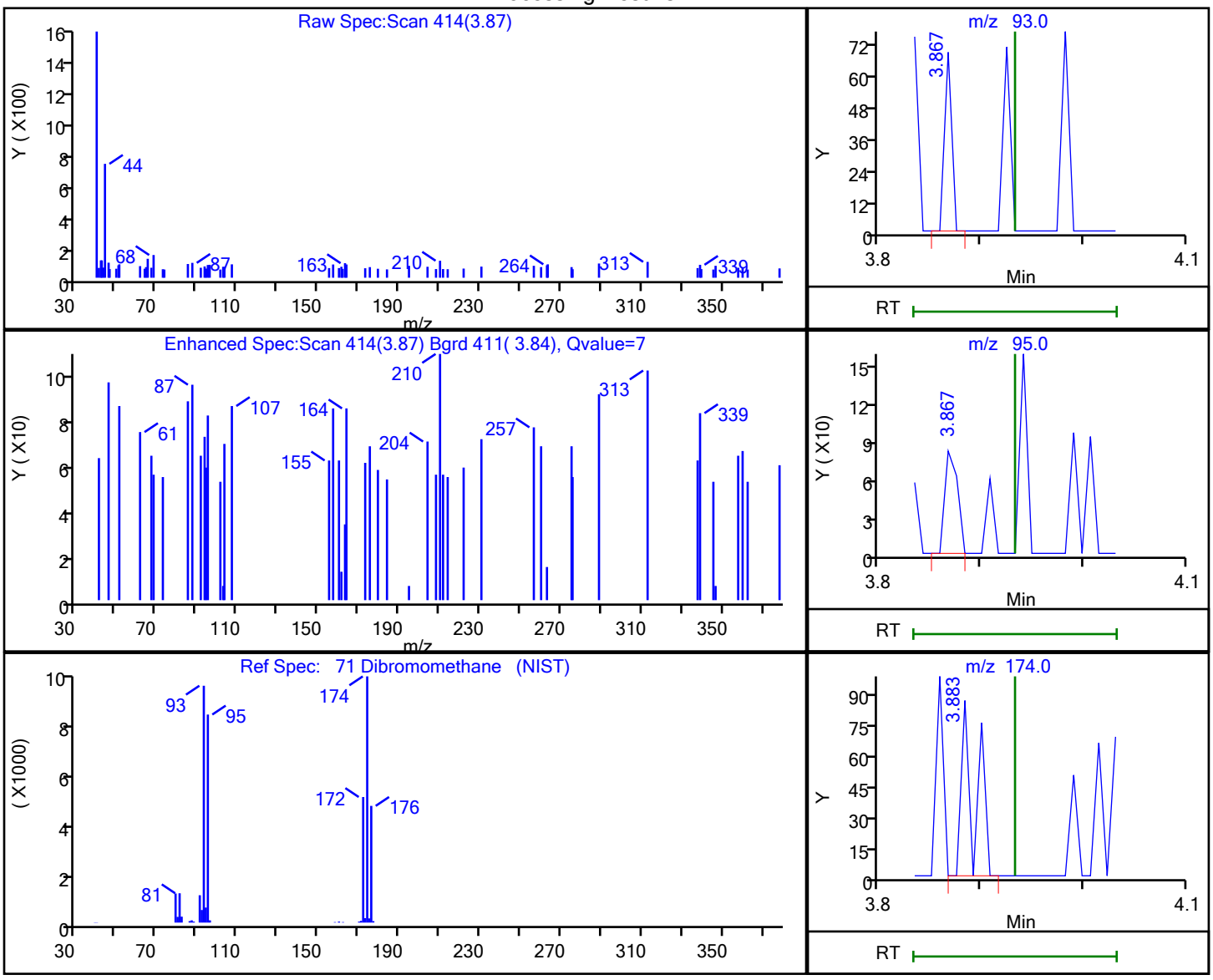
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

71 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
3.87	93.00	34	0.005064
3.87	95.00	68	
3.88	174.00	80	

Reviewer: martineze, 30-Mar-2021 13:04:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

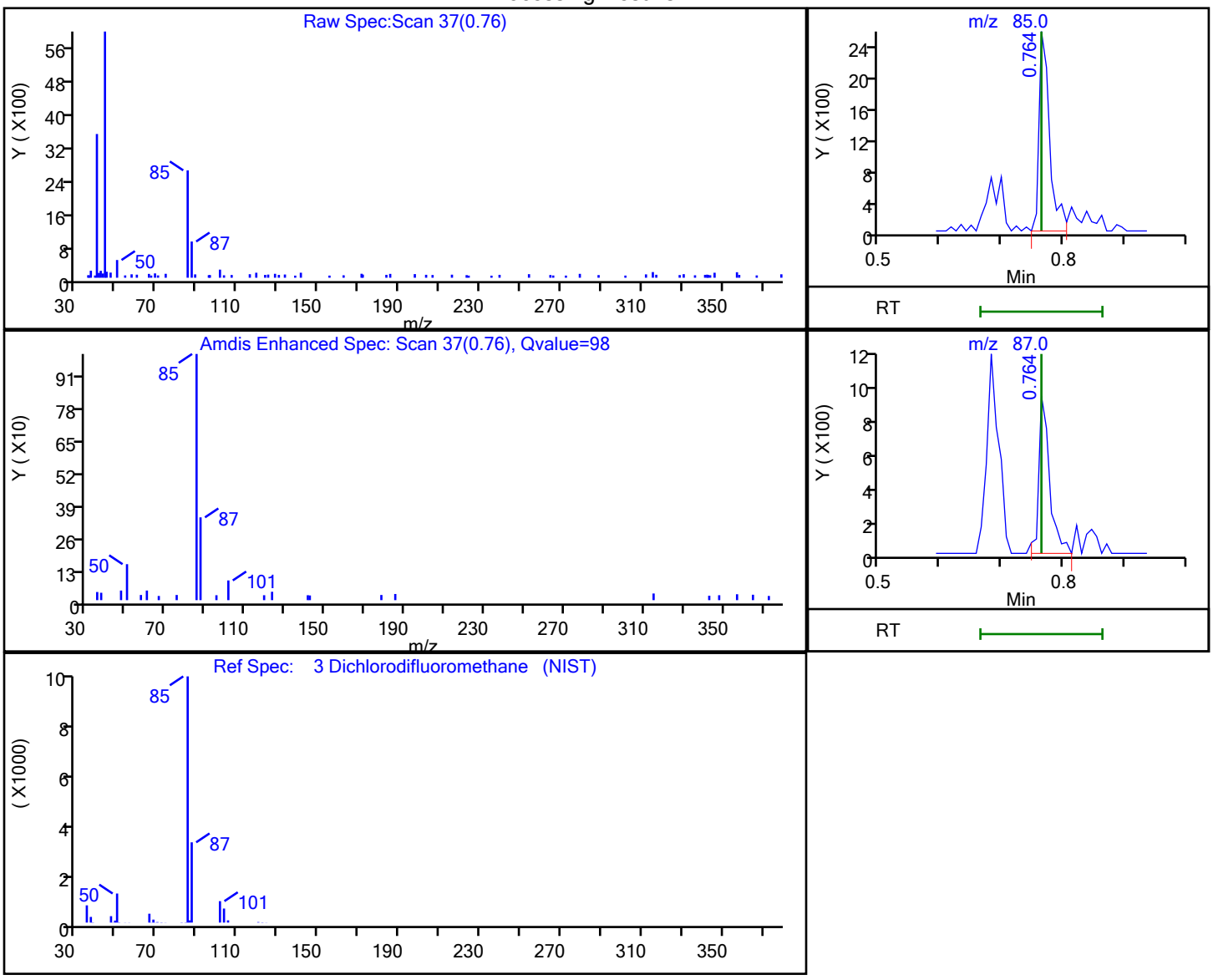
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.76	85.00	3142	0.216735
0.76	87.00	1084	

Reviewer: martineze, 30-Mar-2021 13:03:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

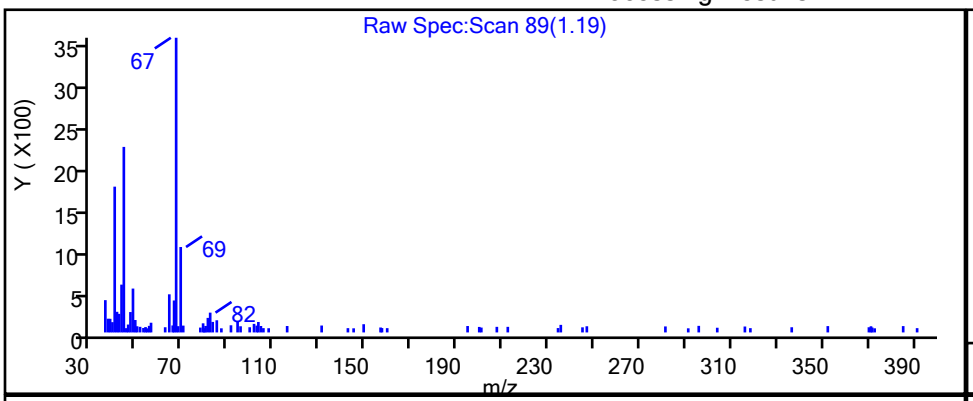
User Disabled Compound Report

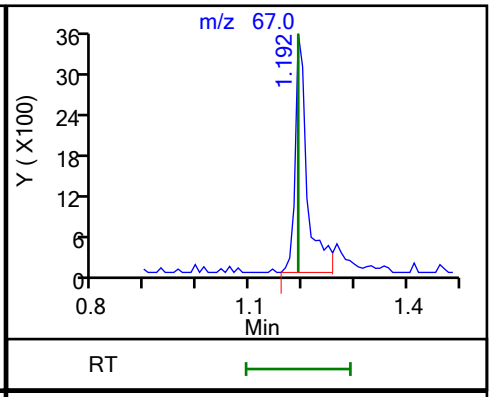
Eurofins TestAmerica, Edison

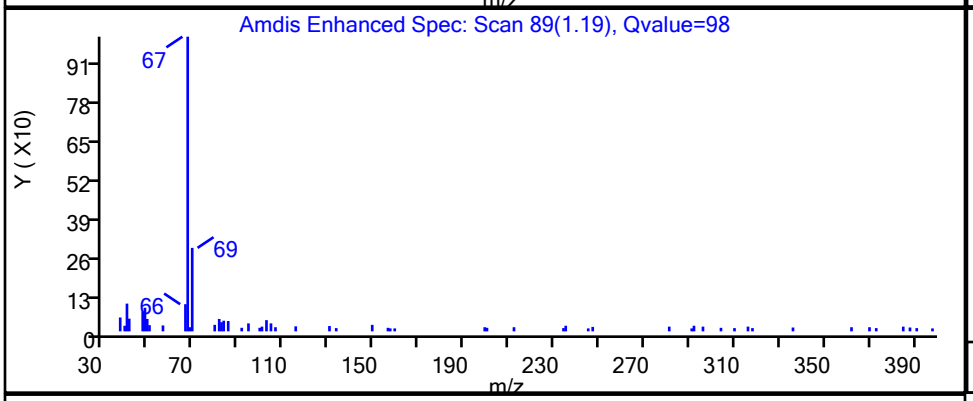
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

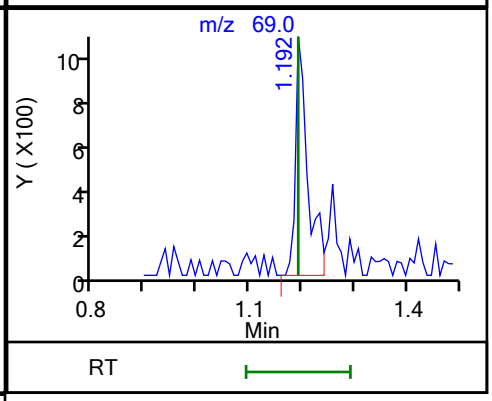
13 Dichlorofluoromethane, CAS: 75-43-4

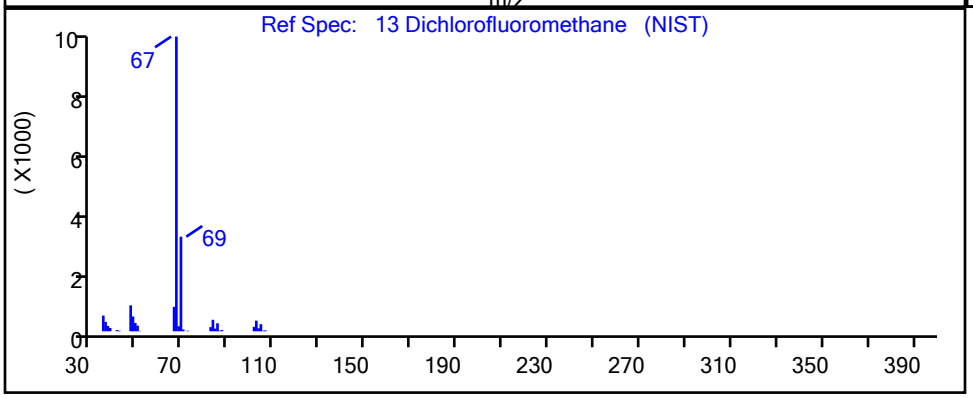
Processing Results











RT	Mass	Response	Amount
1.19	67.00	5728	0.250000
1.19	69.00	1698	

Reviewer: martineze, 30-Mar-2021 13:04:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

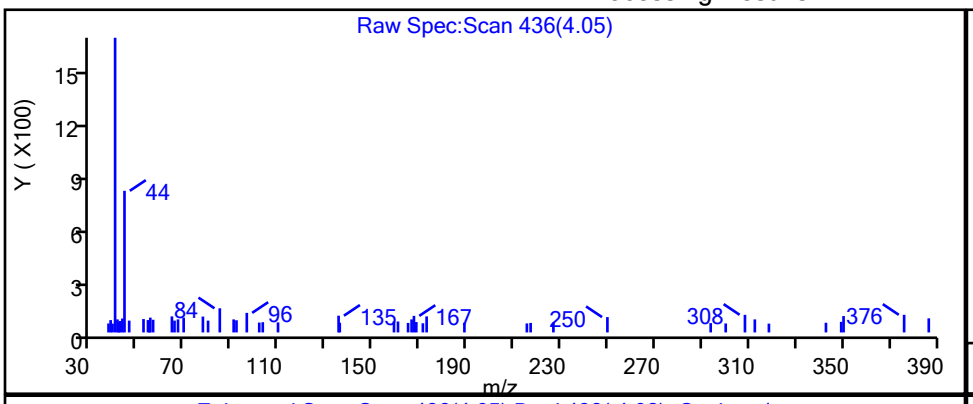
User Disabled Compound Report

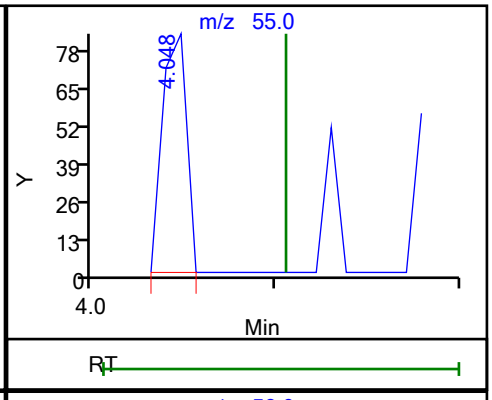
Eurofins TestAmerica, Edison

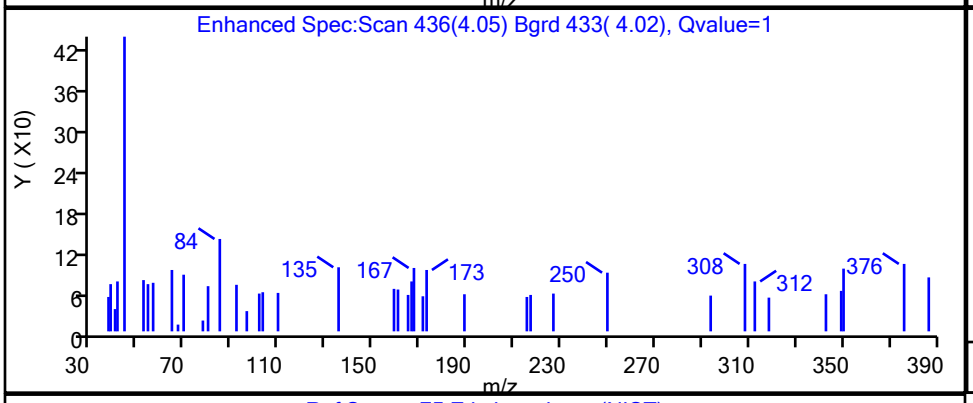
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

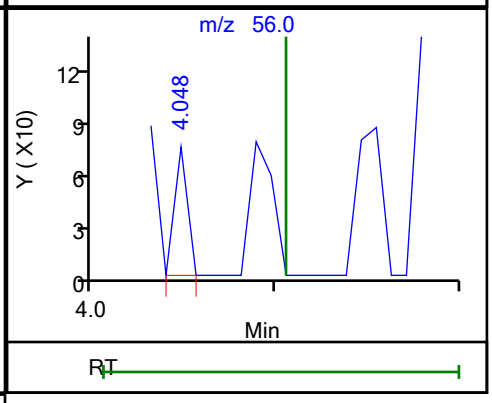
75 Ethyl acrylate, CAS: 140-88-5

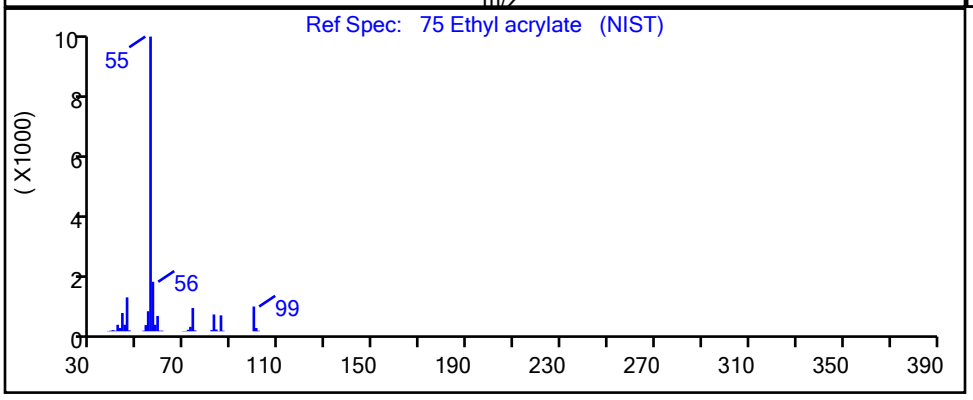
Processing Results











RT	Mass	Response	Amount
4.05	55.00	77	0.011215
4.05	56.00	36	

Reviewer: martineze, 30-Mar-2021 13:04:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

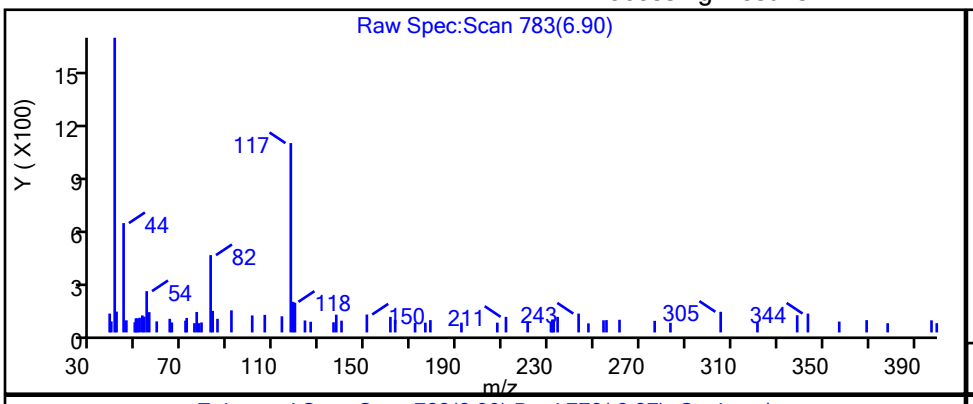
User Disabled Compound Report

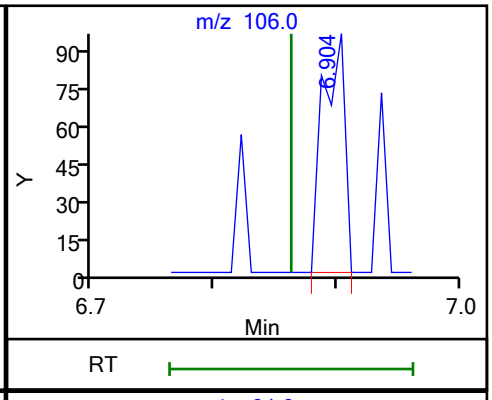
Eurofins TestAmerica, Edison

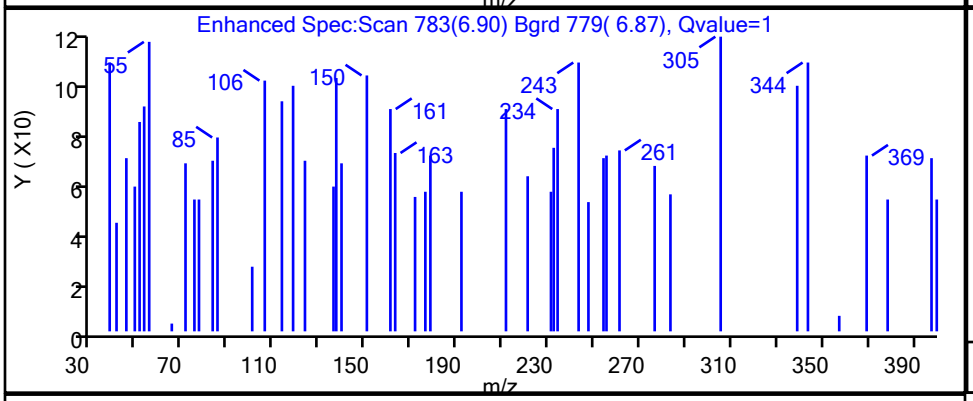
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D		
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

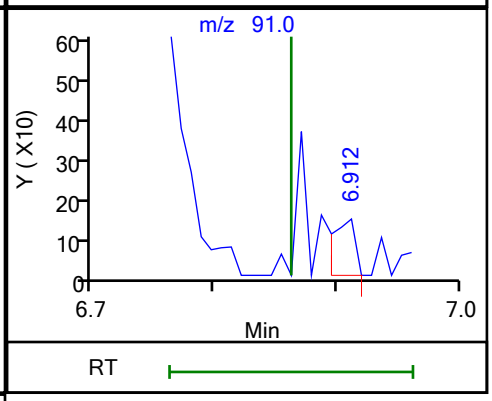
98 Ethylbenzene, CAS: 100-41-4

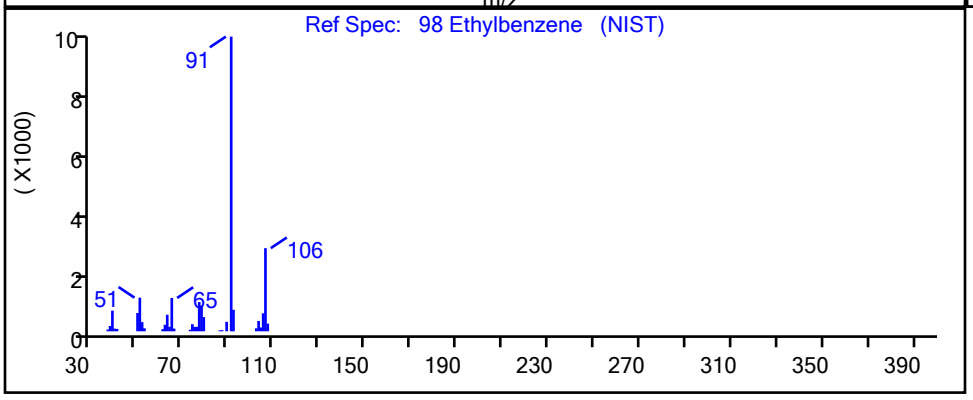
Processing Results











RT	Mass	Response	Amount
6.90	106.00	121	0.008858
6.91	91.00	183	

Reviewer: martineze, 30-Mar-2021 13:05:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

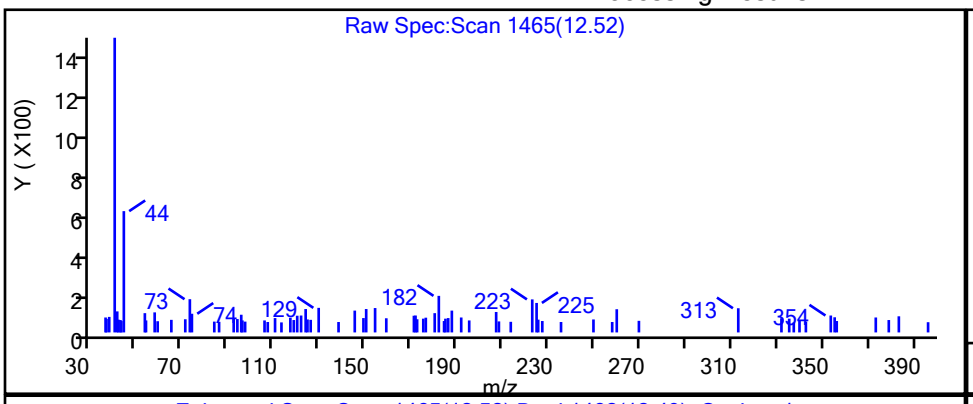
User Disabled Compound Report

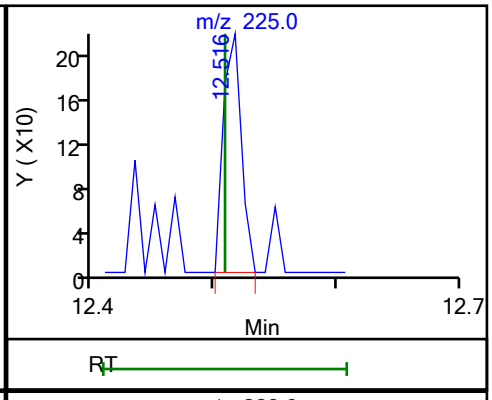
Eurofins TestAmerica, Edison

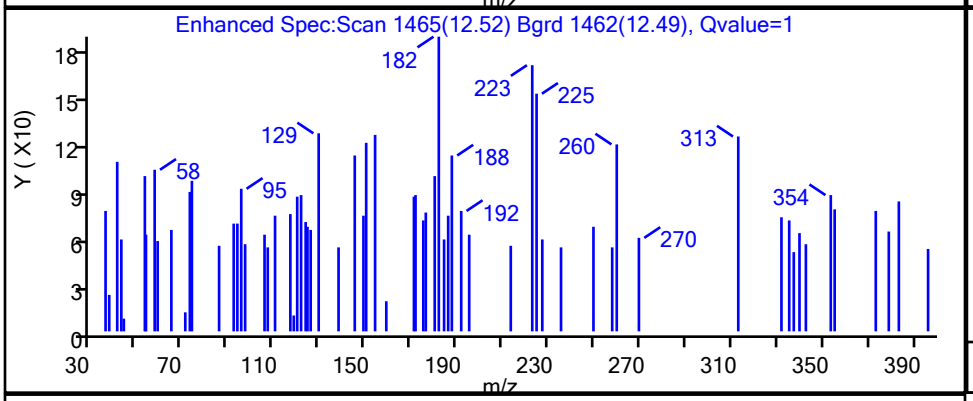
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

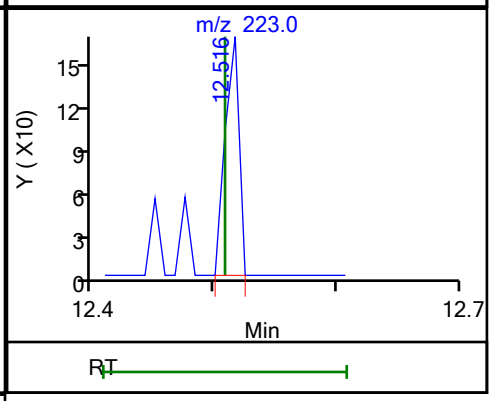
135 Hexachlorobutadiene, CAS: 87-68-3

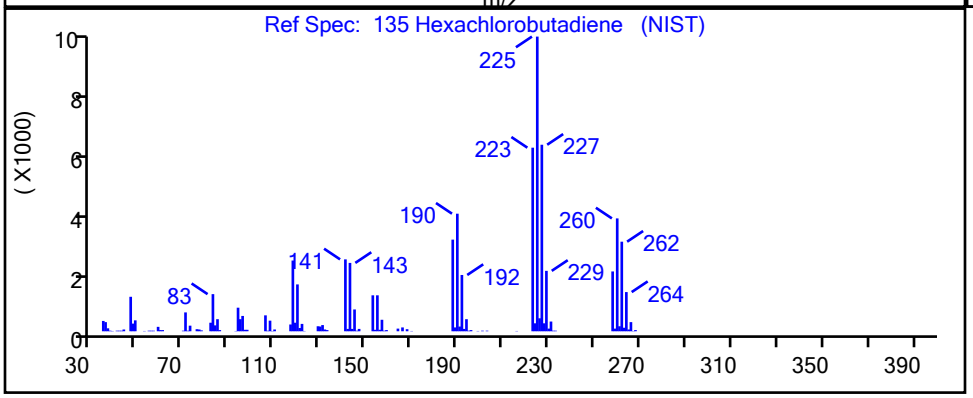
Processing Results











RT	Mass	Response	Amount
12.52	225.00	221	0.076570
12.52	223.00	133	

Reviewer: martineze, 30-Mar-2021 13:05:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

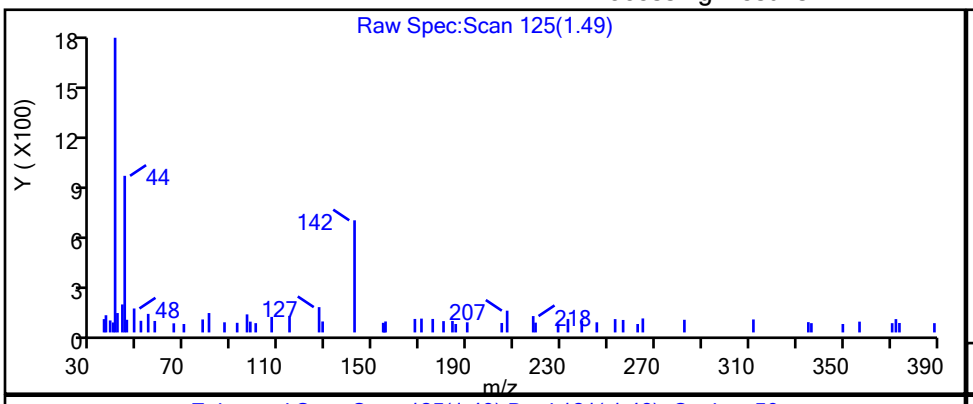
User Disabled Compound Report

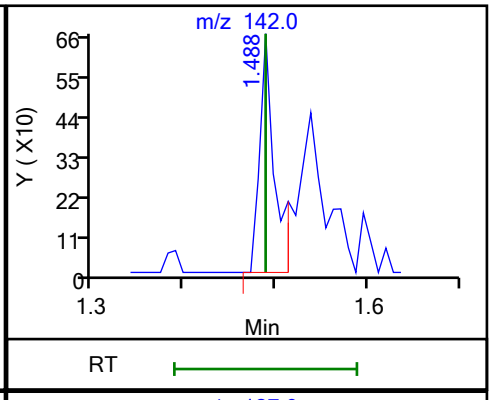
Eurofins TestAmerica, Edison

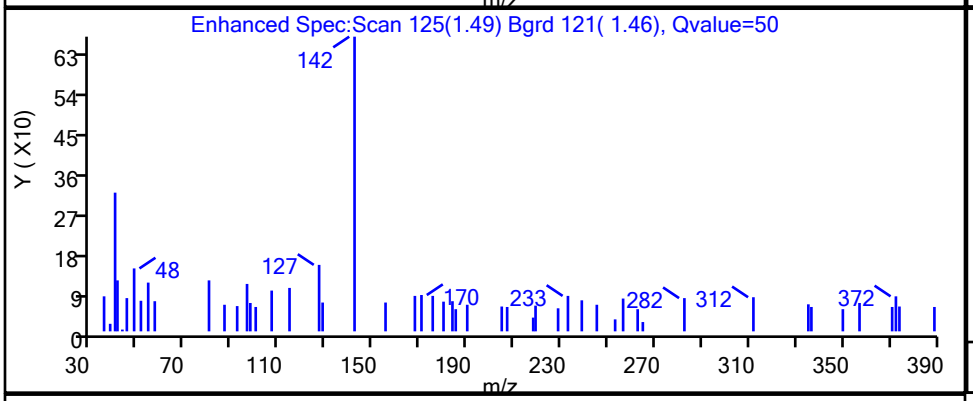
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

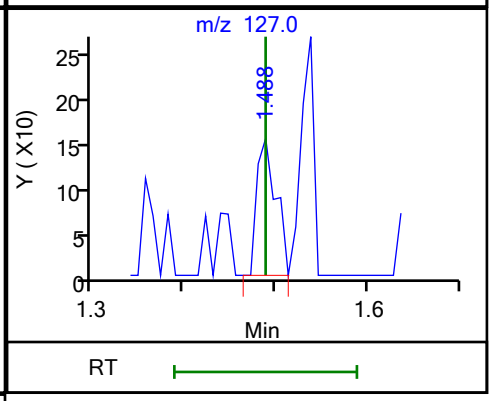
22 Iodomethane, CAS: 74-88-4

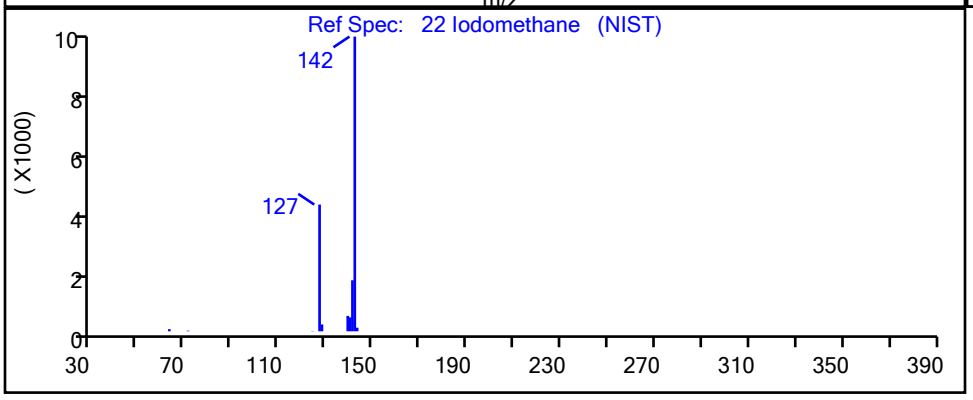
Processing Results











RT	Mass	Response	Amount
1.49	142.00	761	0.158163
1.49	127.00	217	

Reviewer: martineze, 30-Mar-2021 13:04:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

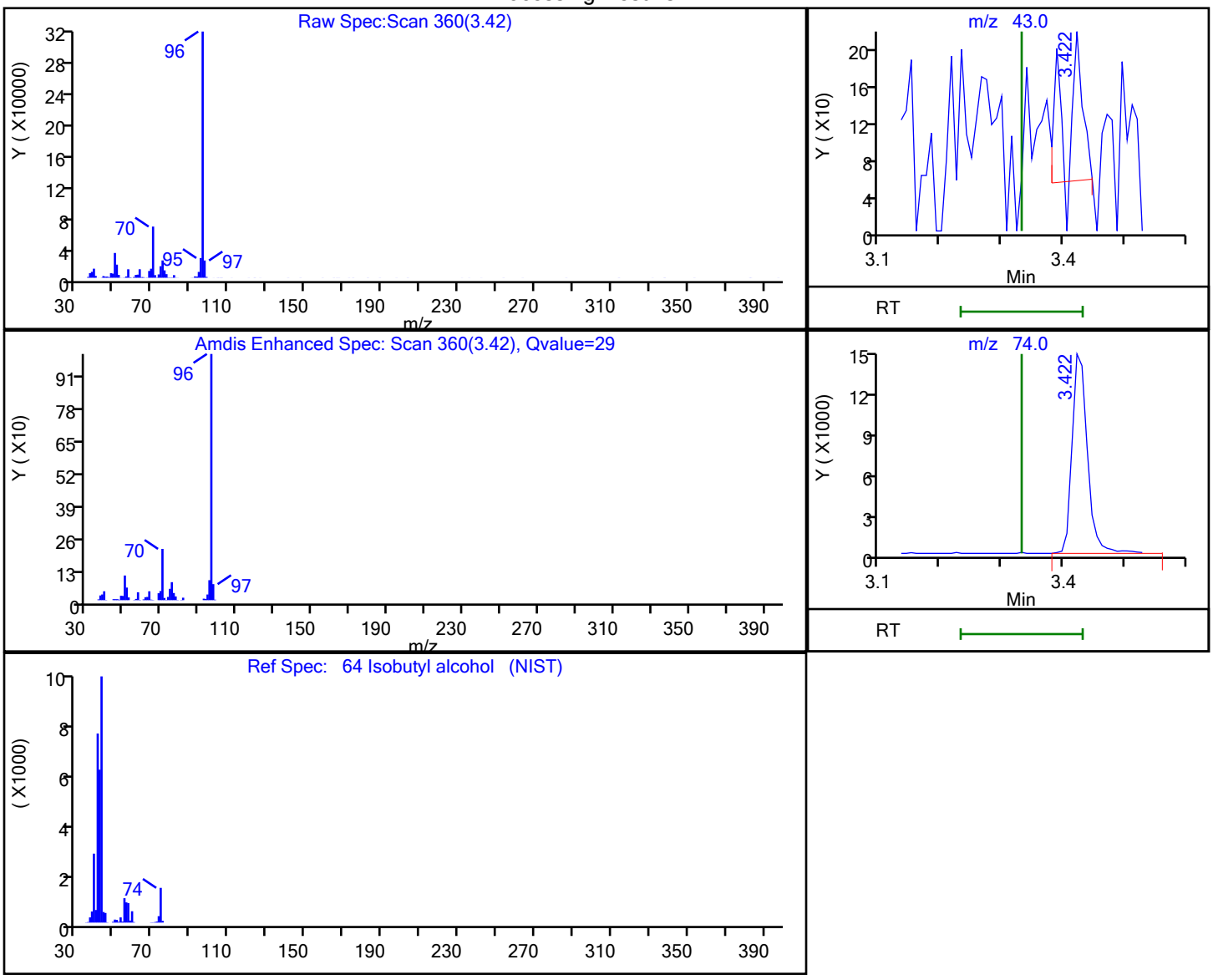
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
3.42	43.00	275	0.994987
3.42	74.00	25777	

Reviewer: martineze, 30-Mar-2021 13:04:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

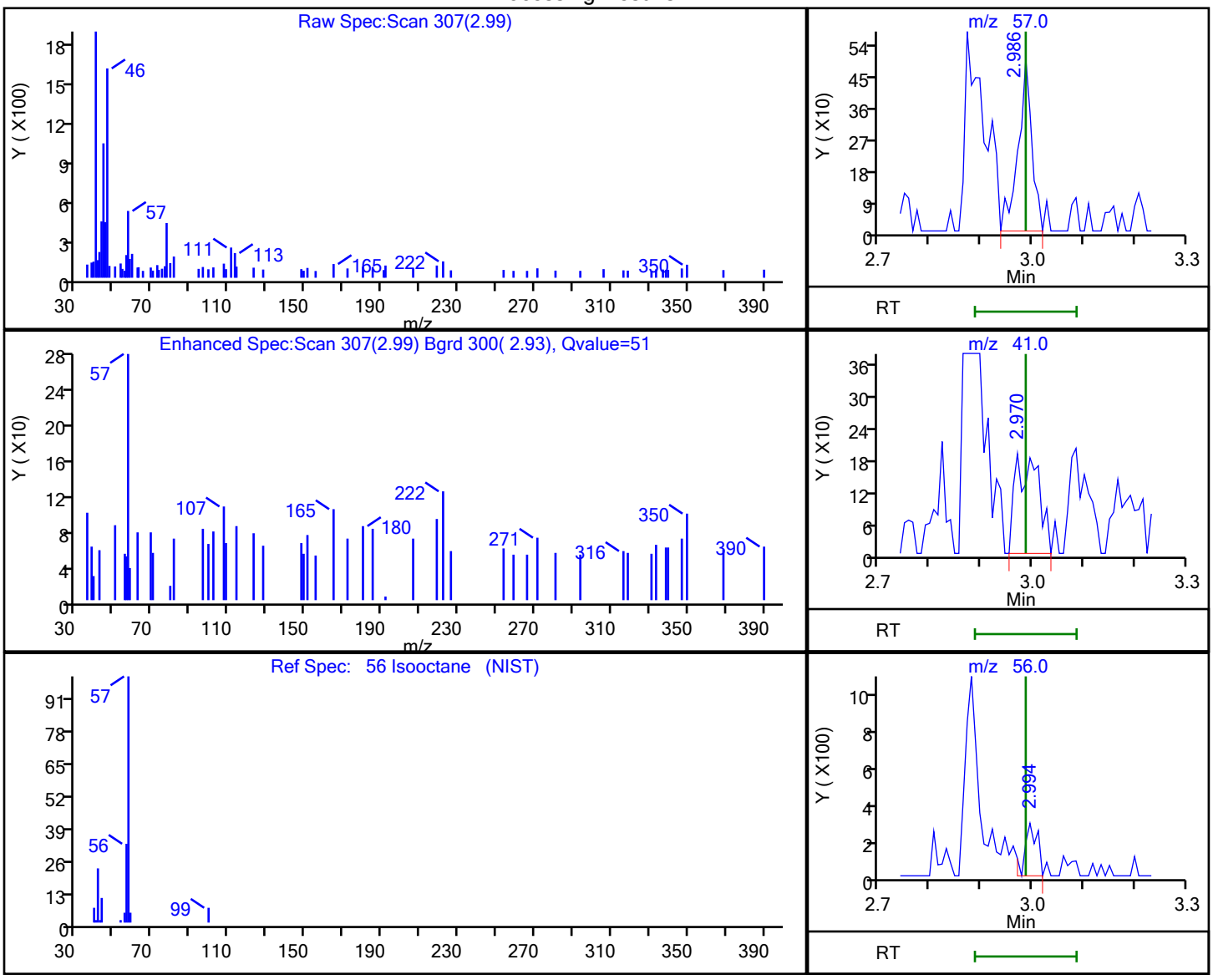
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

56 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
2.99	57.00	929	0.047141
2.97	41.00	594	
2.99	56.00	449	

Reviewer: martineze, 30-Mar-2021 13:04:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

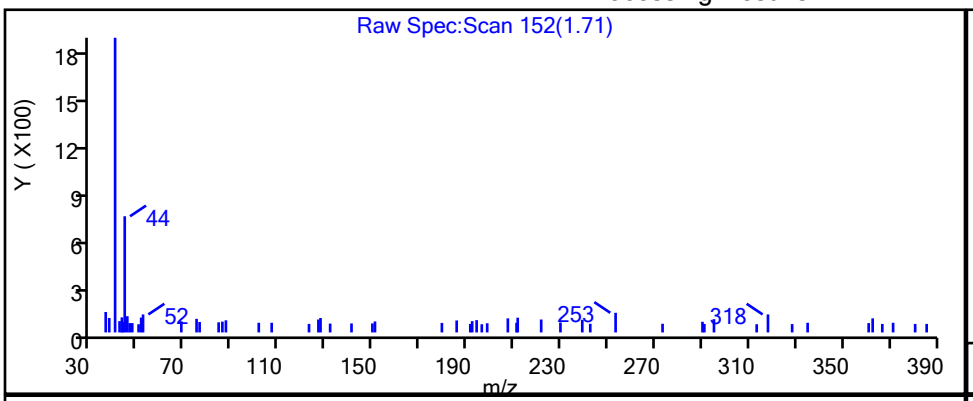
User Disabled Compound Report

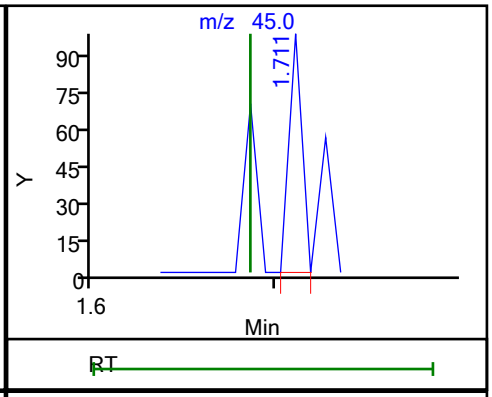
Eurofins TestAmerica, Edison

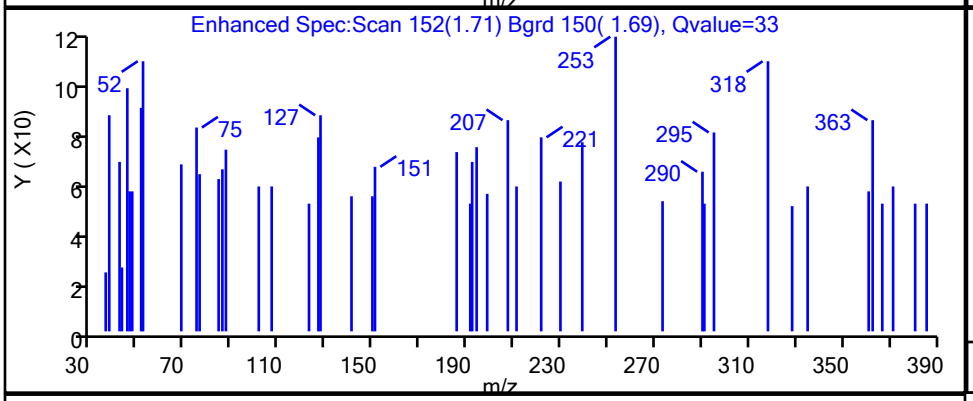
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

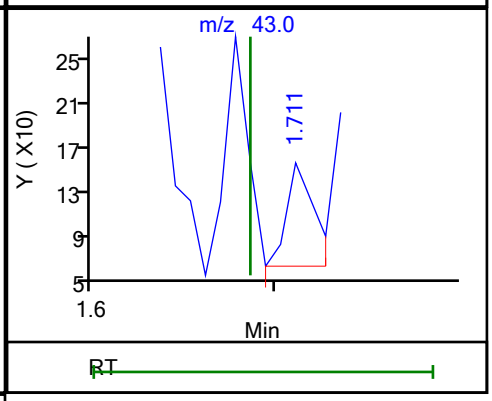
26 Isopropyl alcohol, CAS: 67-63-0

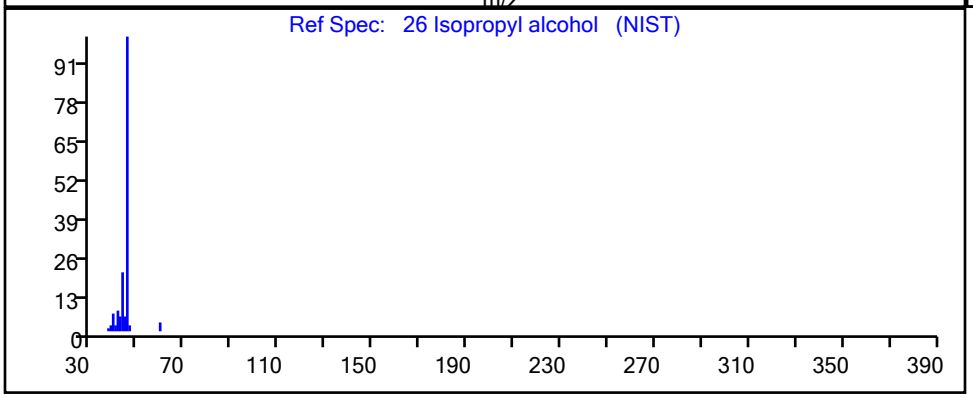
Processing Results











RT	Mass	Response	Amount
1.71	45.00	49	0.120636
1.71	43.00	95	

Reviewer: martineze, 30-Mar-2021 13:04:13

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

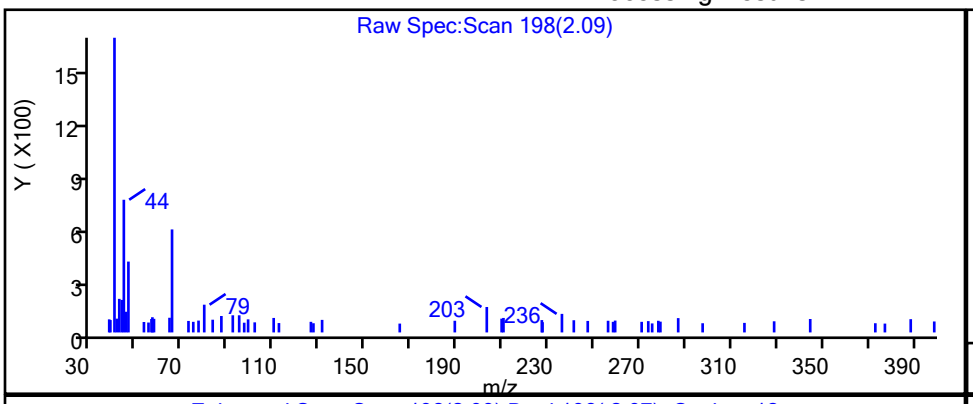
User Disabled Compound Report

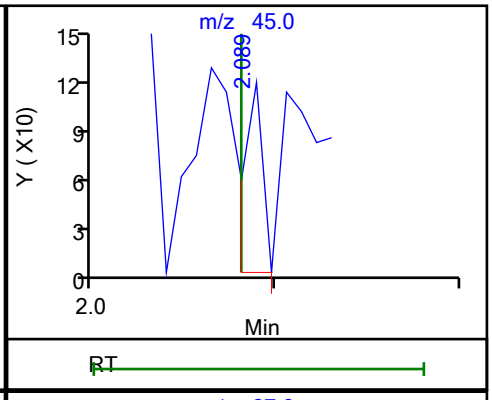
Eurofins TestAmerica, Edison

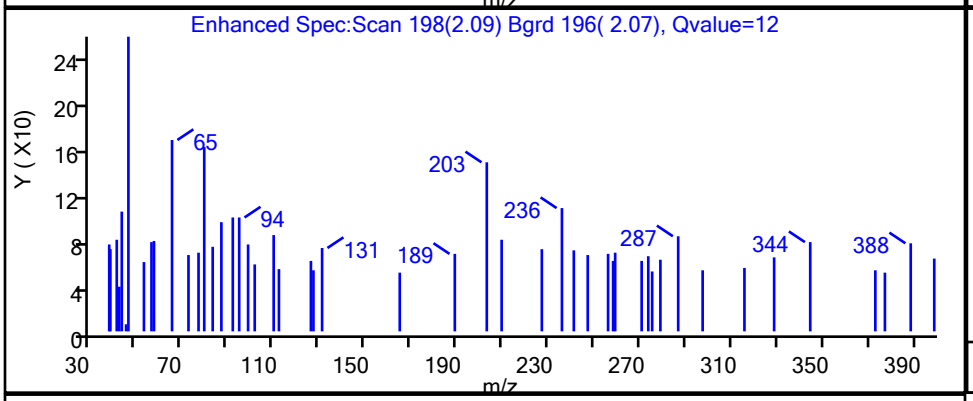
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

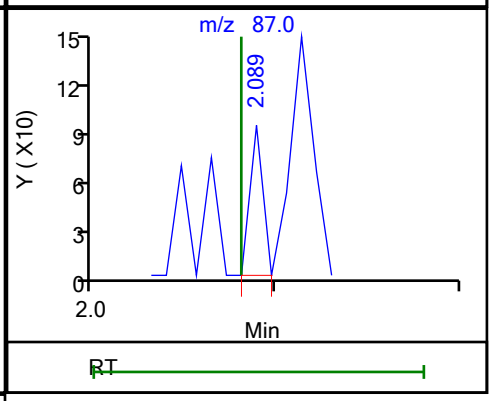
36 Isopropyl ether, CAS: 108-20-3

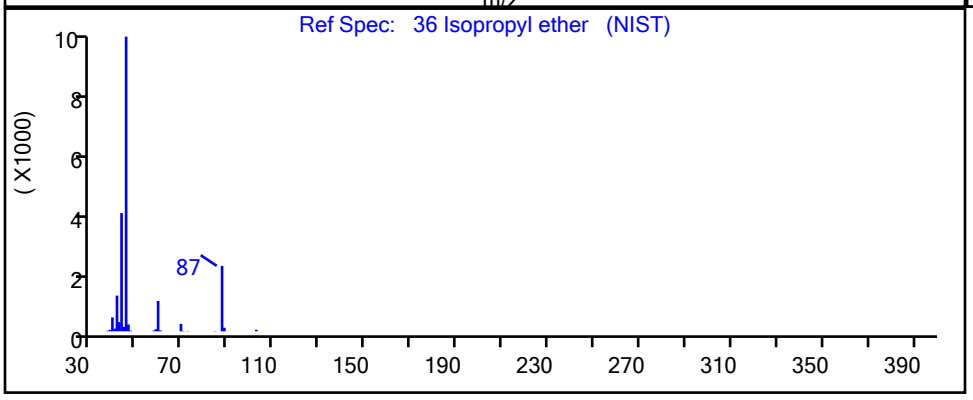
Processing Results











RT	Mass	Response	Amount
2.09	45.00	86	0.002155
2.09	87.00	46	

Reviewer: martineze, 30-Mar-2021 13:04:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

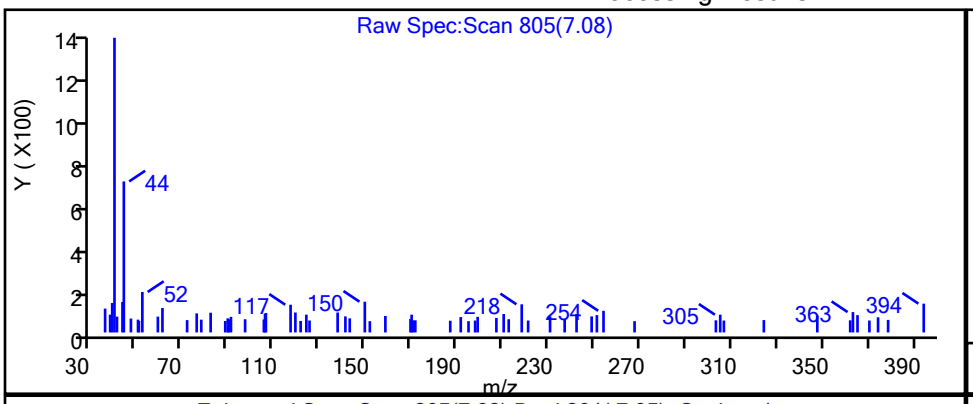
User Disabled Compound Report

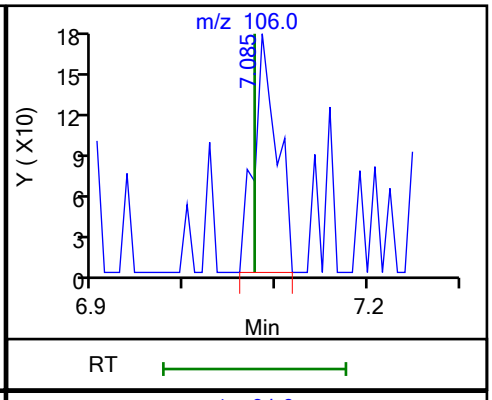
Eurofins TestAmerica, Edison

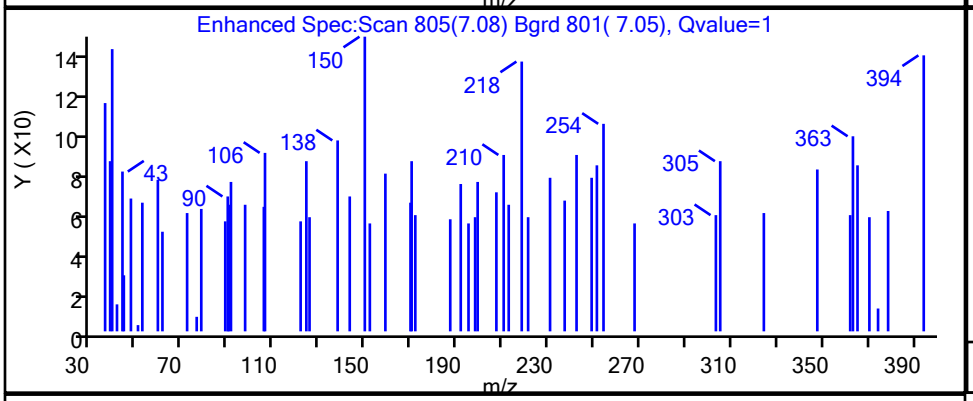
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

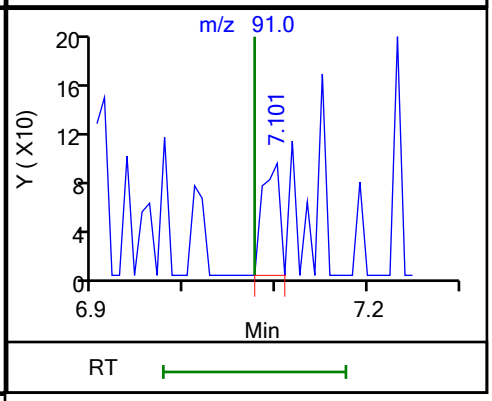
100 m-Xylene & p-Xylene, CAS: 179601-23-1

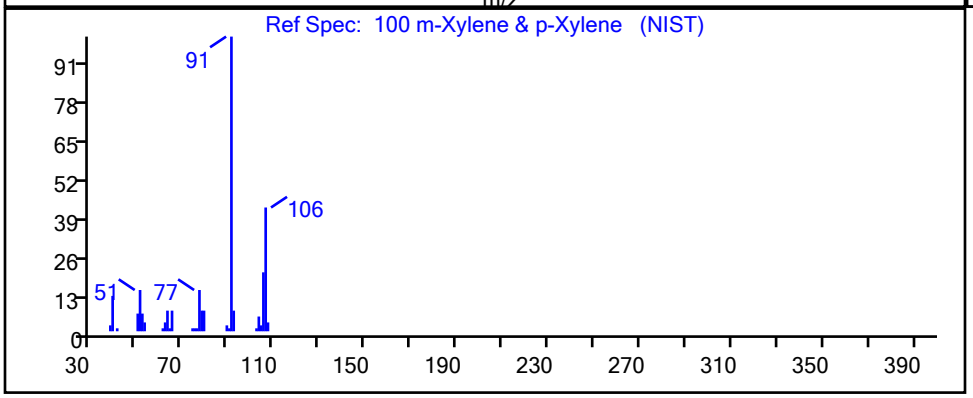
Processing Results











RT	Mass	Response	Amount
7.08	106.00	307	0.019392
7.10	91.00	118	

Reviewer: martineze, 30-Mar-2021 13:05:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

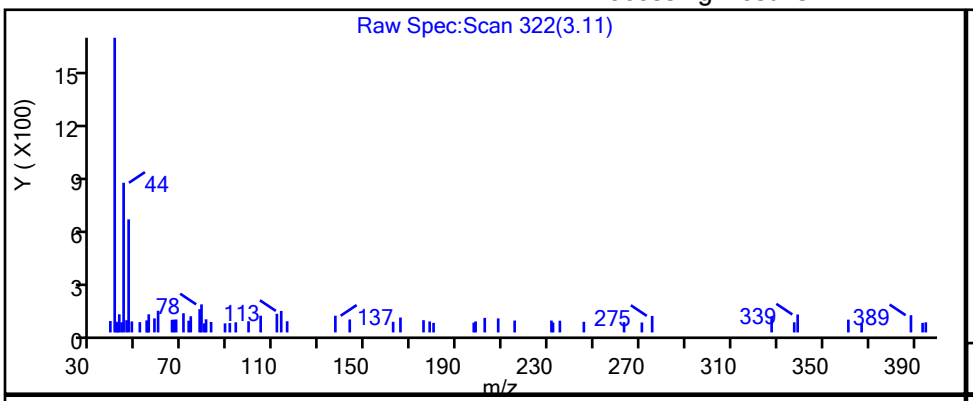
User Disabled Compound Report

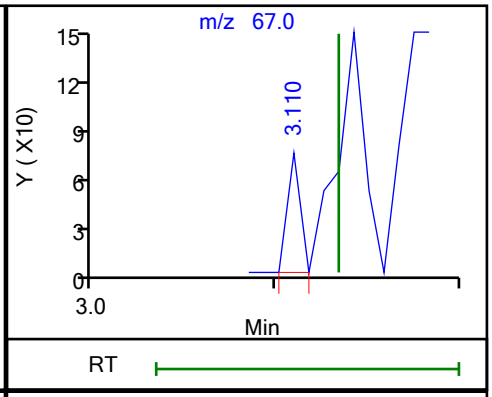
Eurofins TestAmerica, Edison

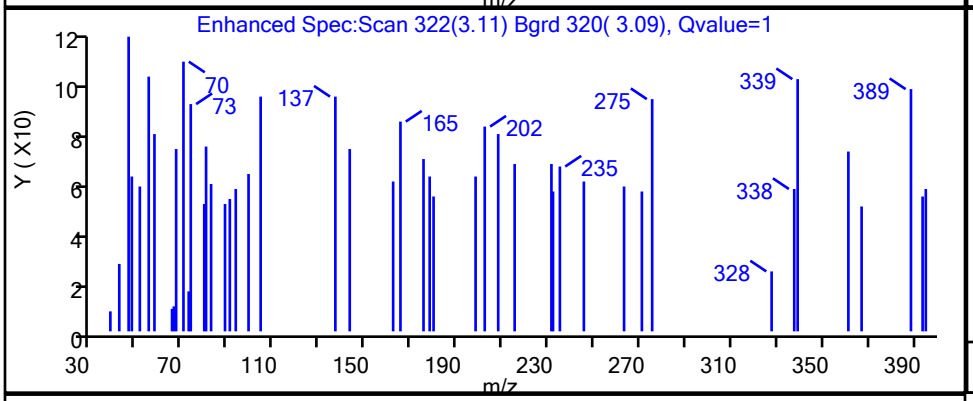
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D		
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

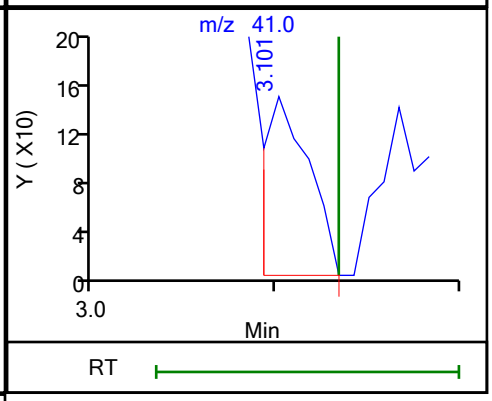
60 Methacrylonitrile, CAS: 126-98-7

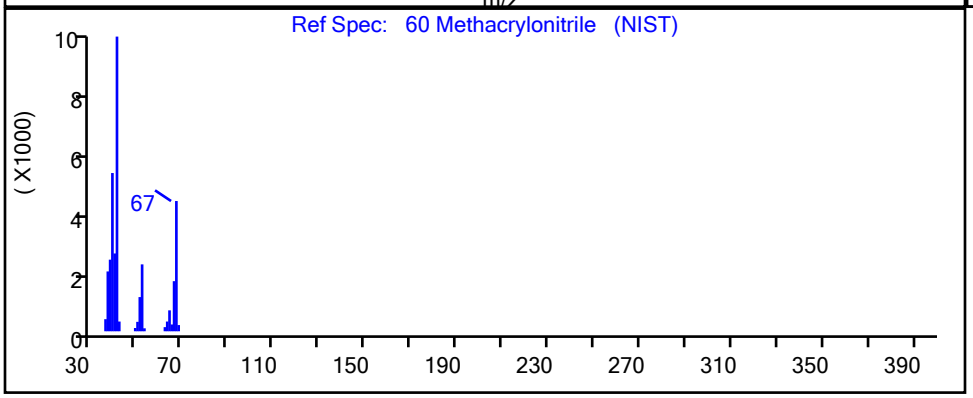
Processing Results











RT	Mass	Response	Amount
3.11	67.00	36	0.008932
3.10	41.00	259	

Reviewer: martineze, 30-Mar-2021 13:04:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

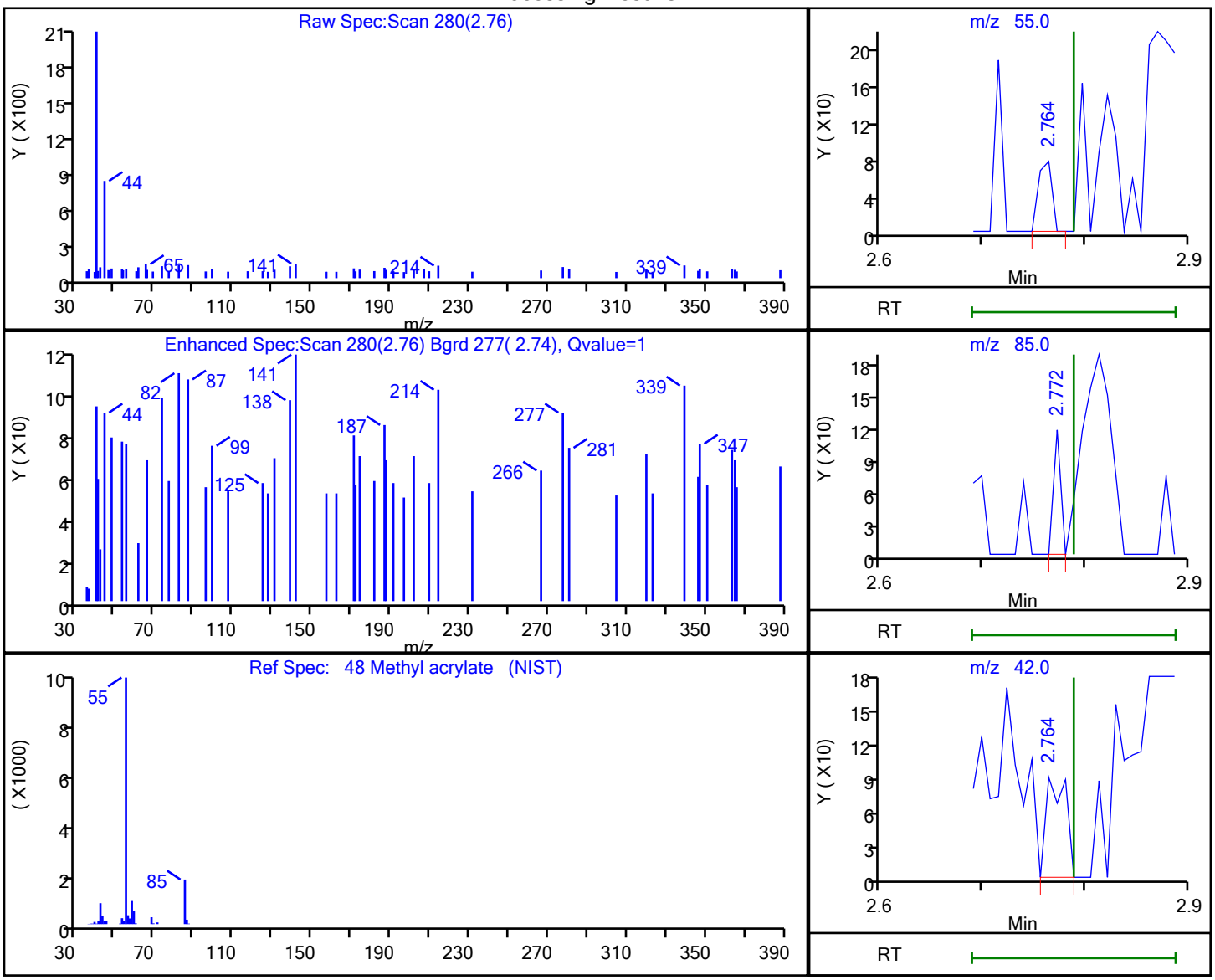
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
2.76	55.00	70	0.012365
2.77	85.00	58	
2.76	42.00	119	

Reviewer: martineze, 30-Mar-2021 13:04:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

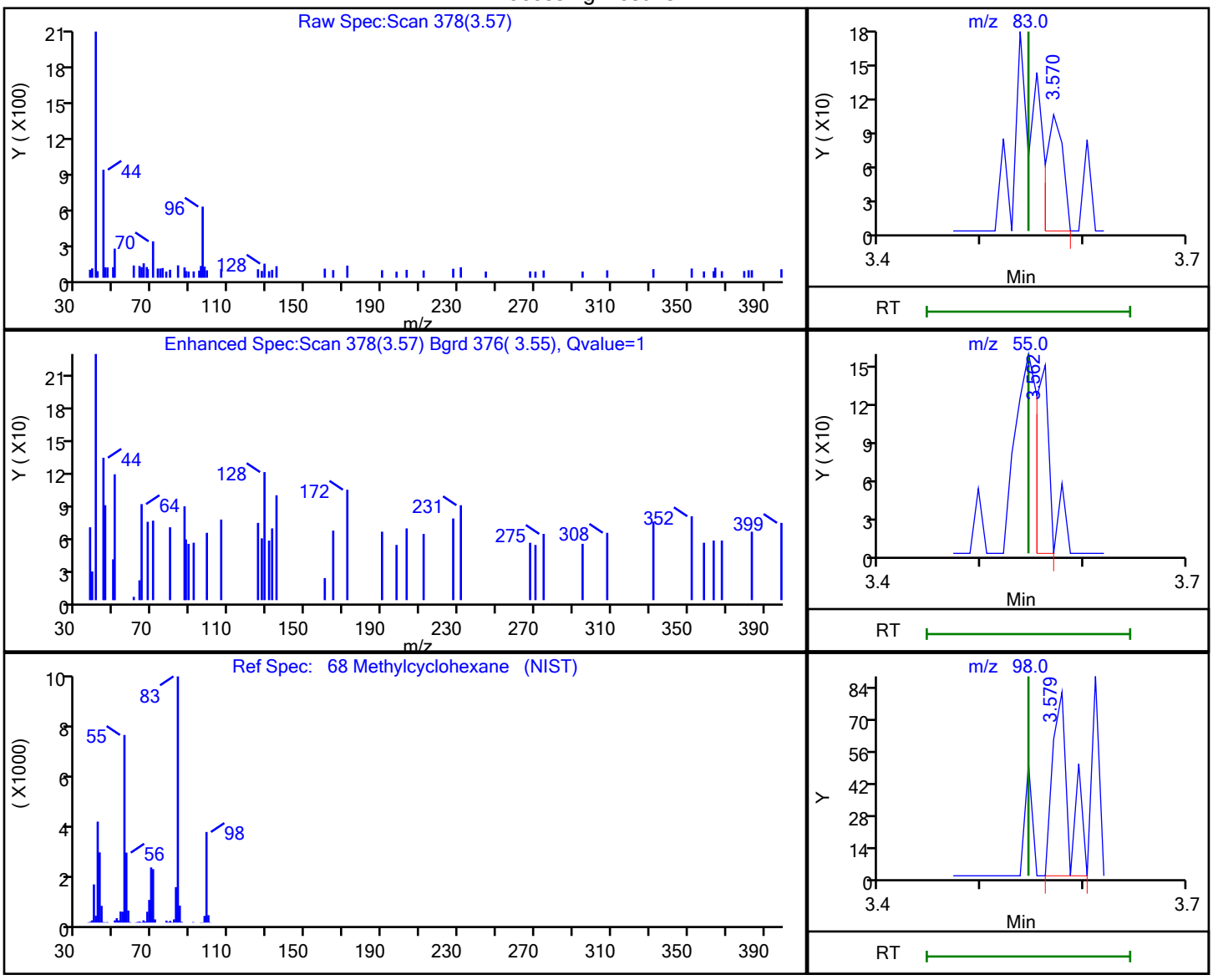
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

68 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
3.57	83.00	117	0.011166
3.56	55.00	137	
3.58	98.00	95	

Reviewer: martineze, 30-Mar-2021 13:04:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

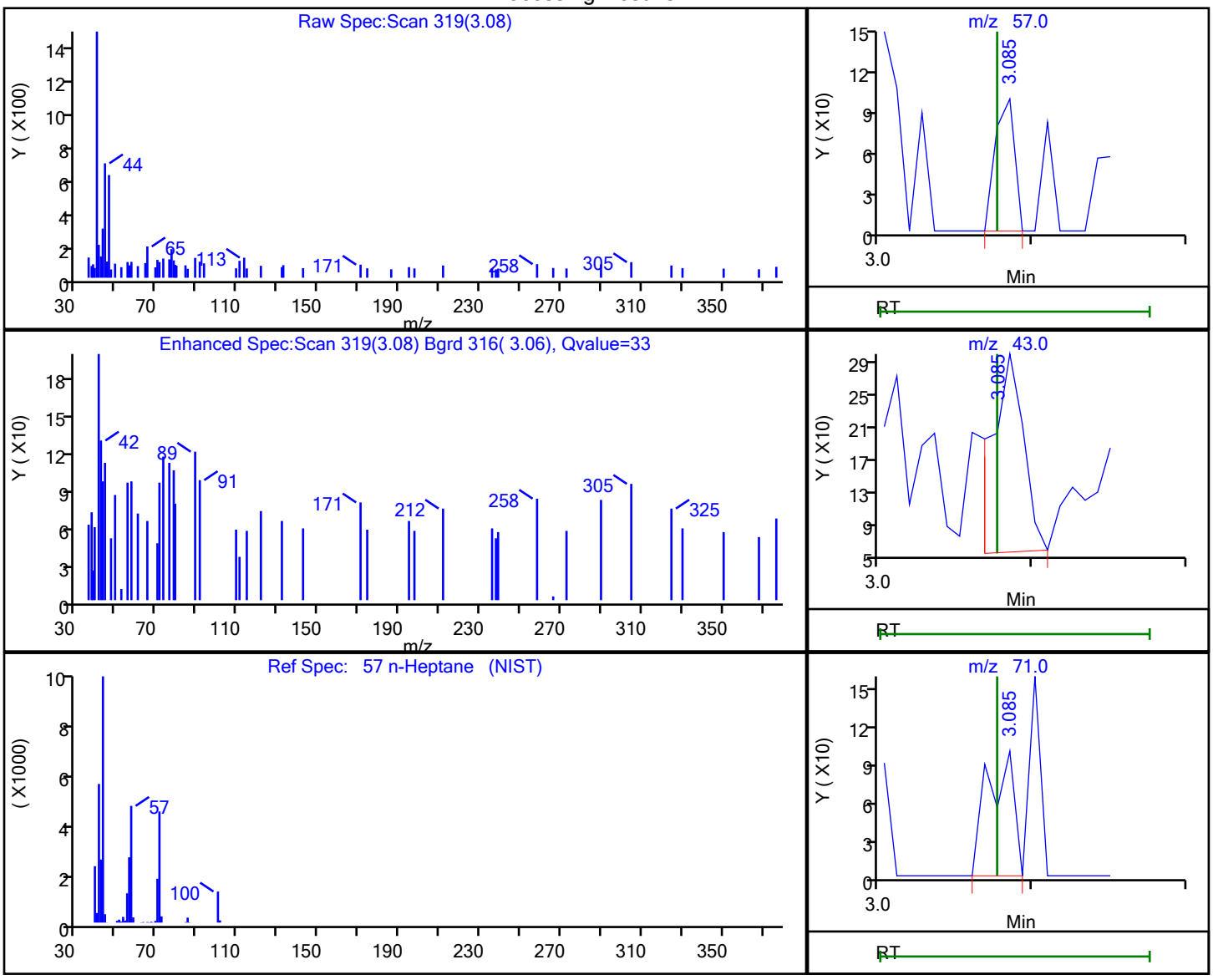
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D		
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

57 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.08	57.00	85	0.020485
3.08	43.00	355	
3.08	71.00	115	

Reviewer: martineze, 30-Mar-2021 13:04:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

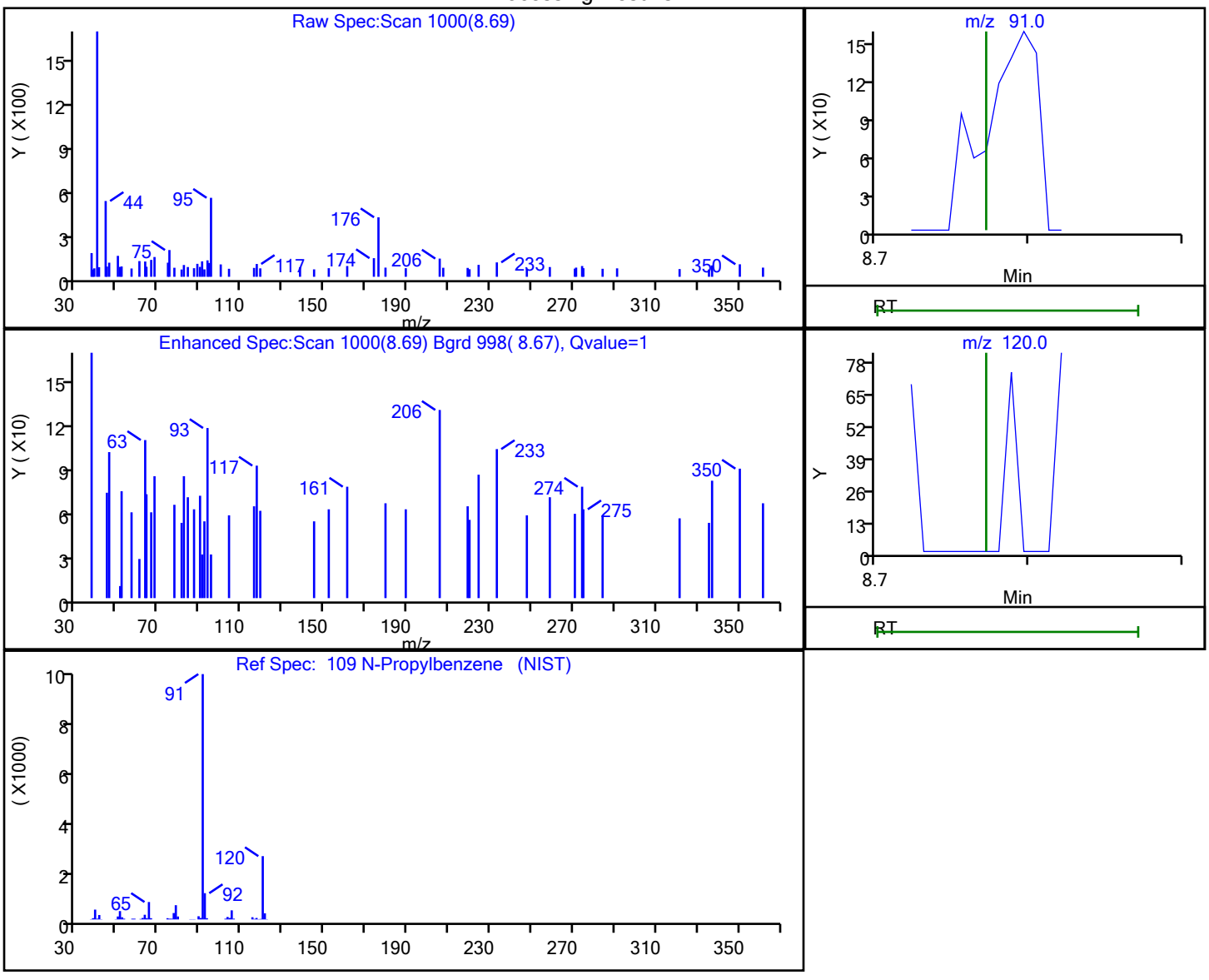
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

109 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
8.69	91.00	52	0.001528
8.70	120.00	73	

Reviewer: martineze, 30-Mar-2021 13:05:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

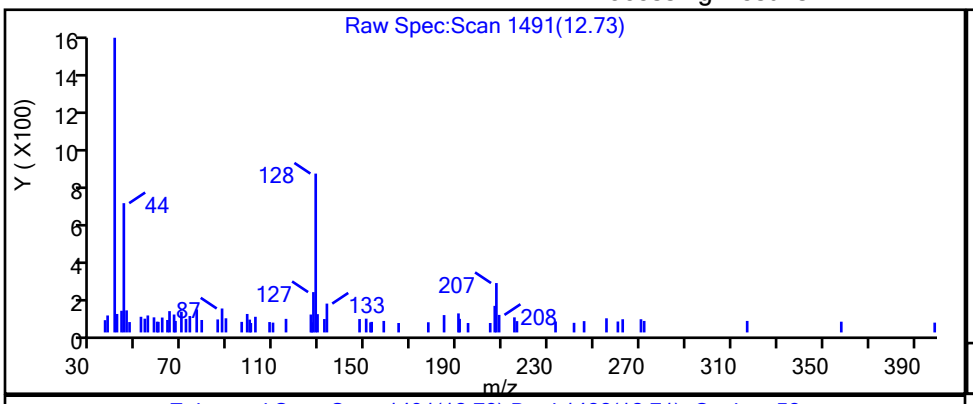
User Disabled Compound Report

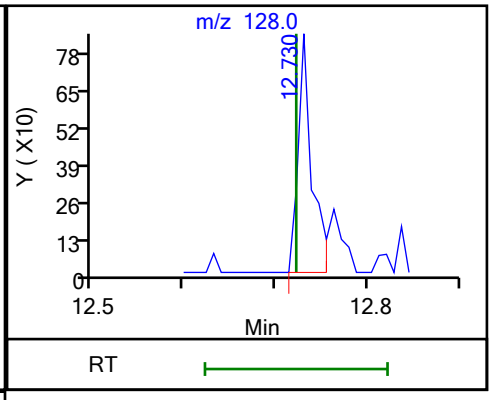
Eurofins TestAmerica, Edison

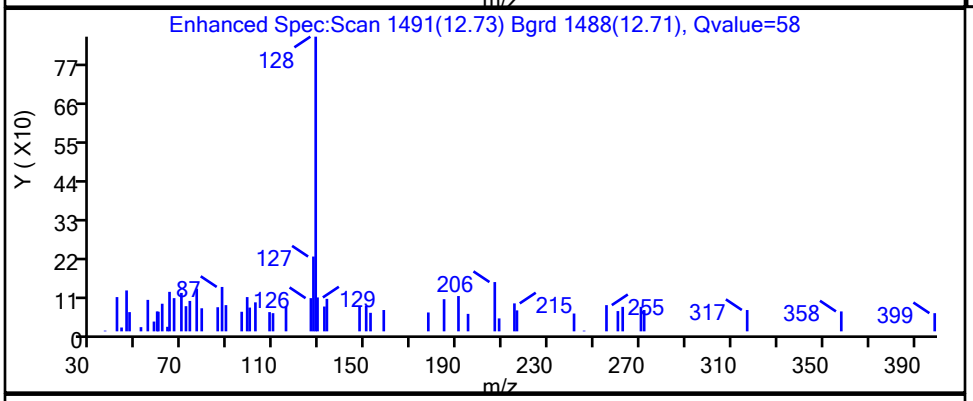
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

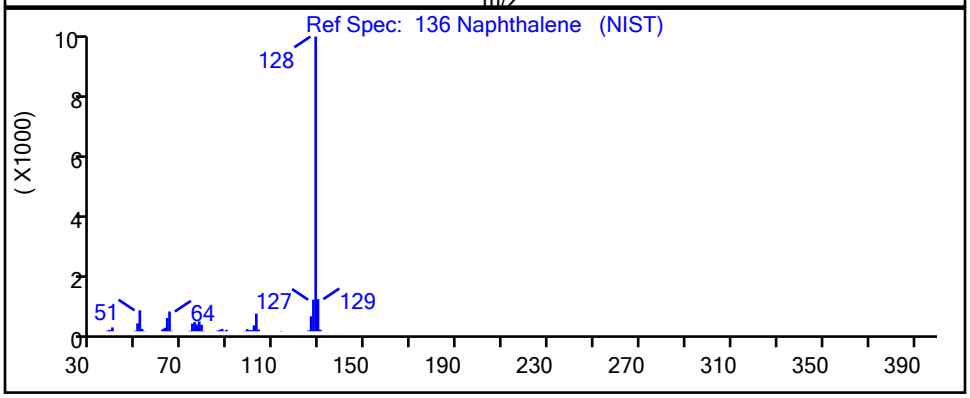
136 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
12.73	128.00	884	0.050962

Reviewer: martineze, 30-Mar-2021 13:05:38

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

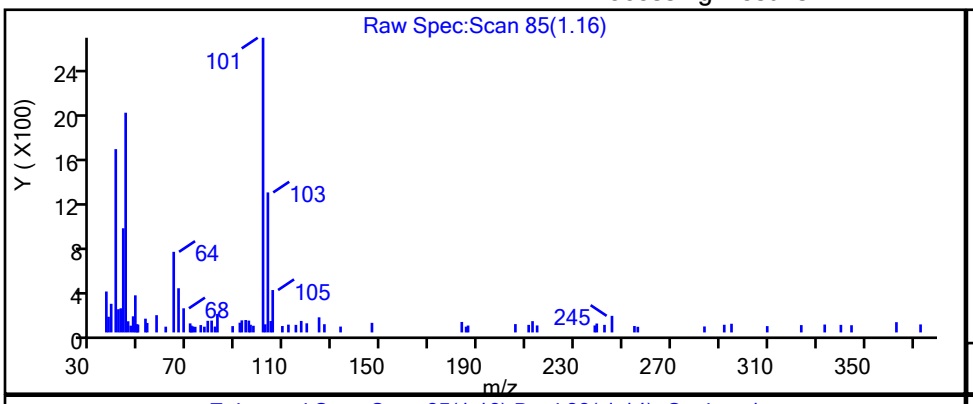
User Disabled Compound Report

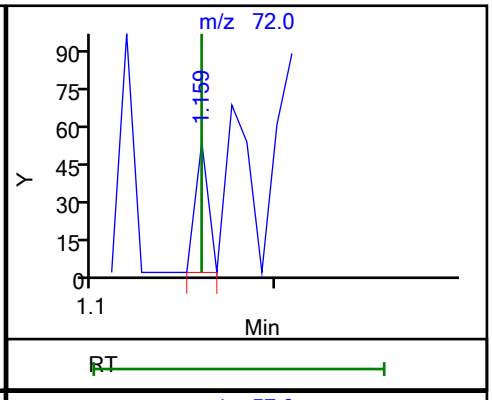
Eurofins TestAmerica, Edison

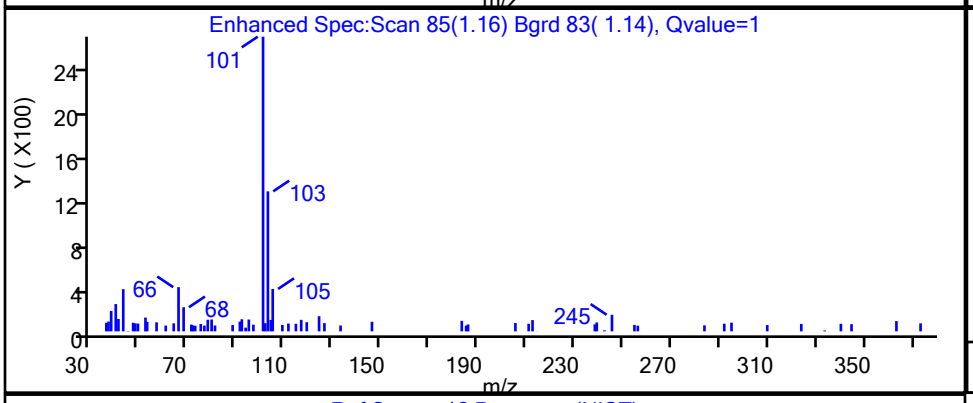
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D		
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

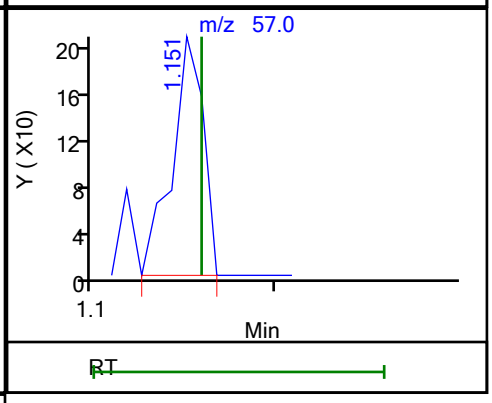
12 Pentane, CAS: 109-66-0

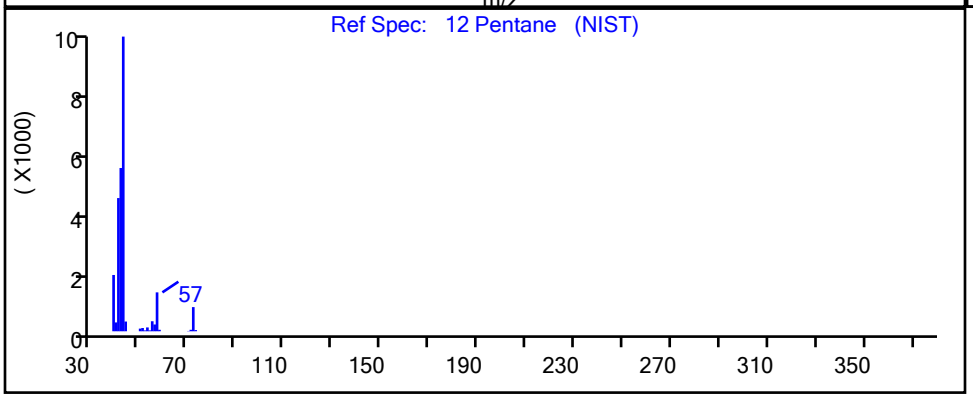
Processing Results











RT	Mass	Response	Amount
1.16	72.00	26	0.016729
1.15	57.00	243	

Reviewer: martineze, 30-Mar-2021 13:04:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

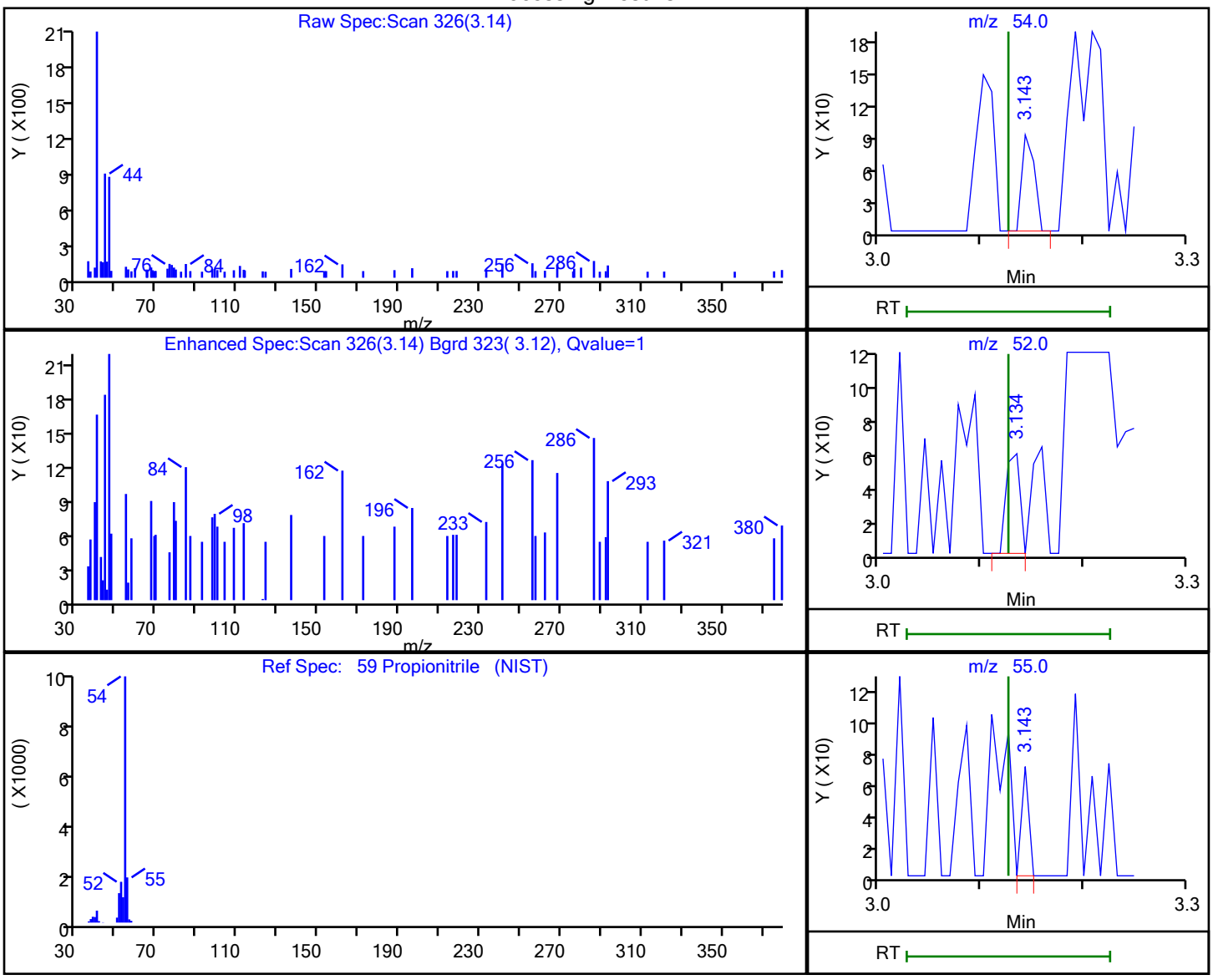
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

59 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.14	54.00	78	0.060370
3.13	52.00	56	
3.14	55.00	34	

Reviewer: martineze, 30-Mar-2021 13:04:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

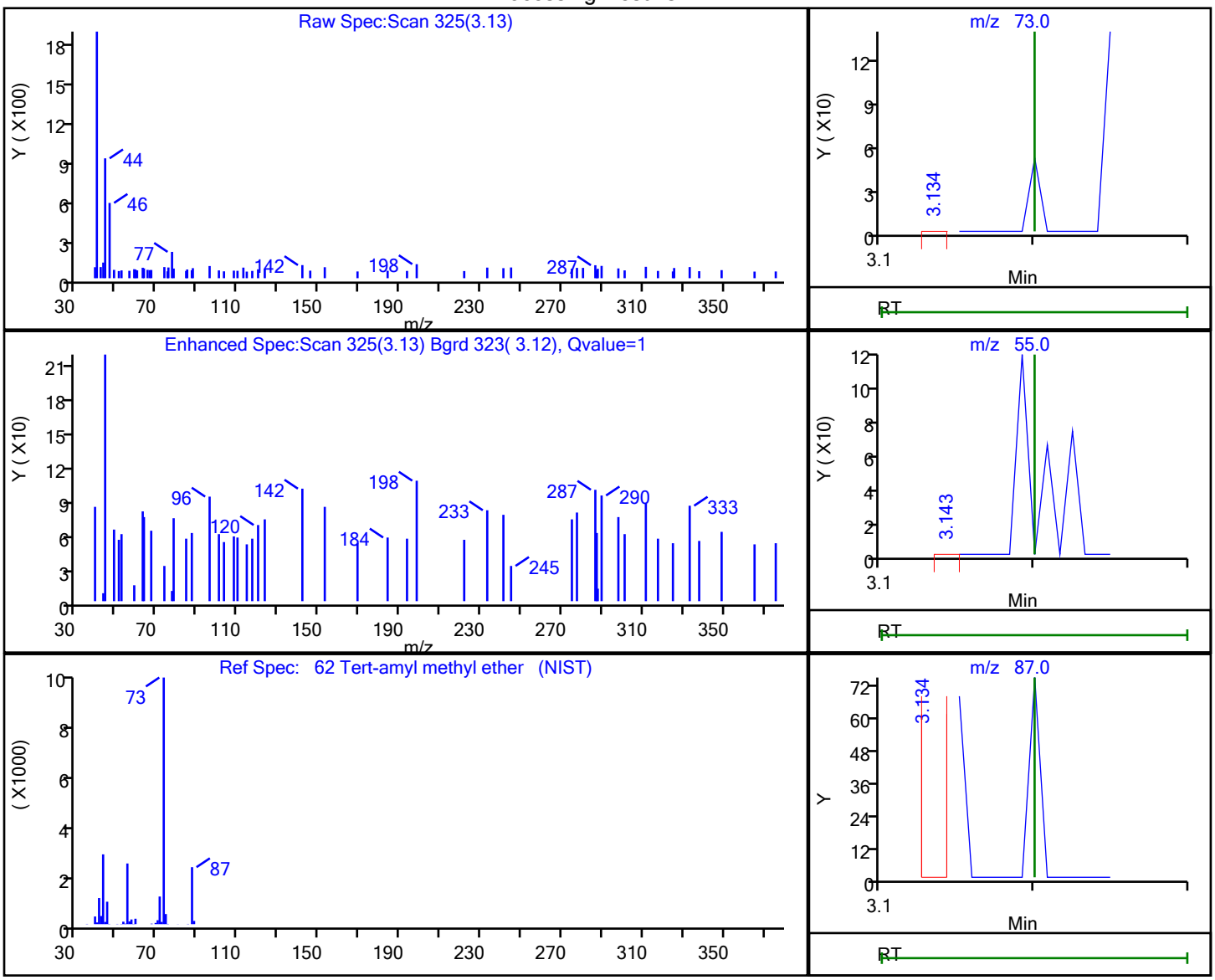
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

62 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
3.13	73.00	41	0.001418
3.14	55.00	34	
3.13	87.00	67	

Reviewer: martineze, 30-Mar-2021 13:04:50

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

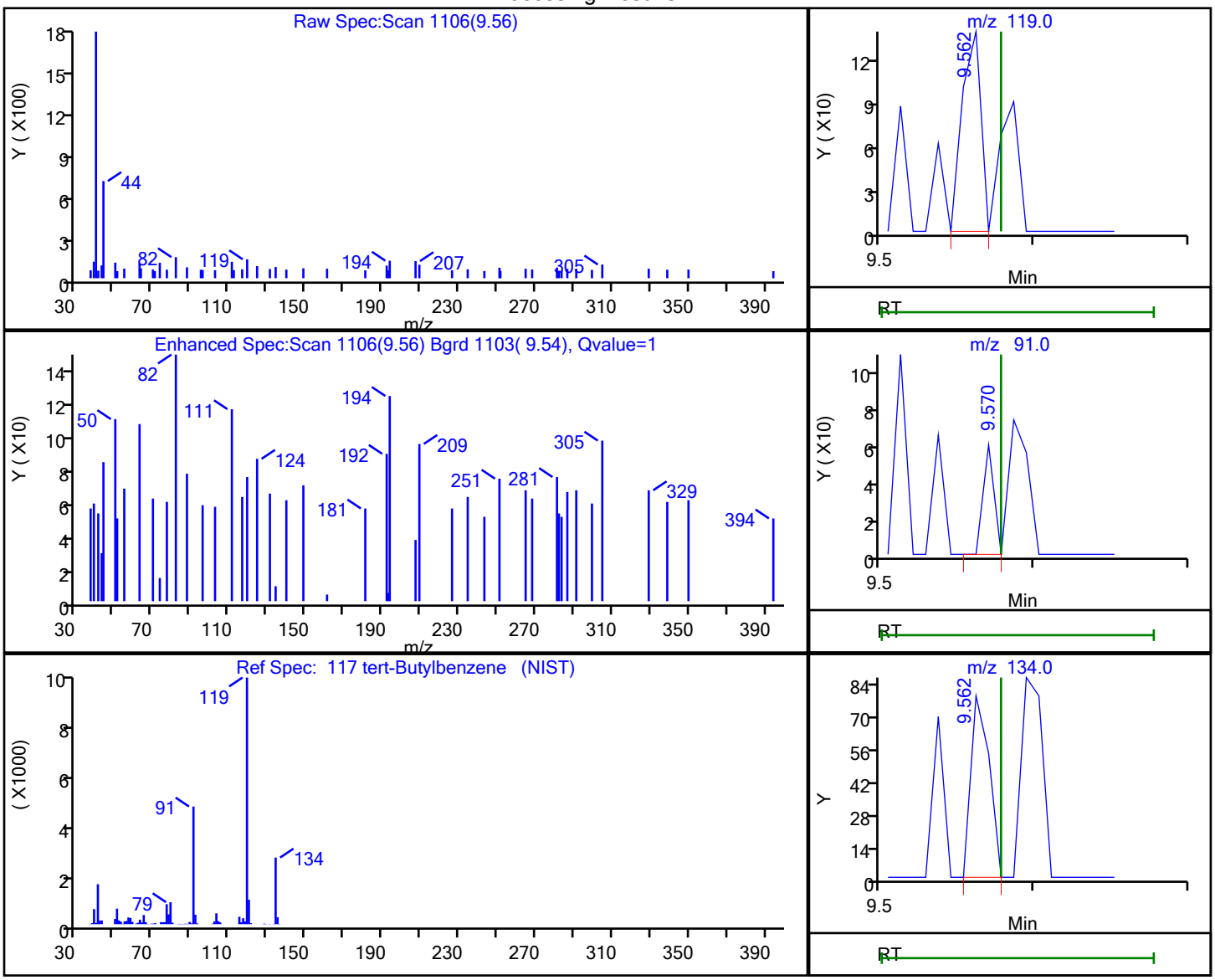
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

117 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.56	119.00	114	0.006245
9.57	91.00	28	
9.56	134.00	66	

Reviewer: martineze, 30-Mar-2021 13:05:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

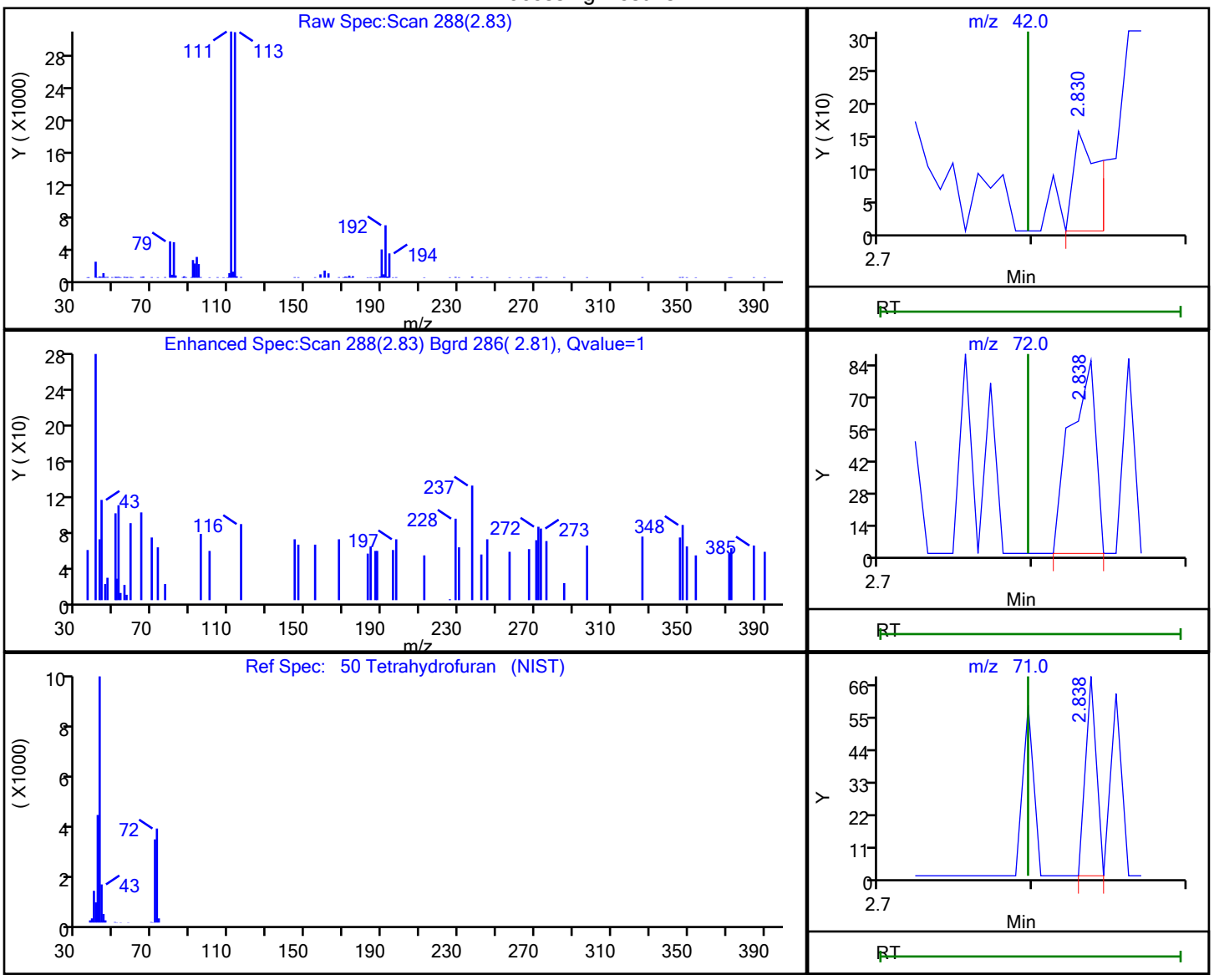
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

50 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
2.83	42.00	181	0.048031
2.84	72.00	99	
2.84	71.00	34	

Reviewer: martineze, 30-Mar-2021 13:04:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

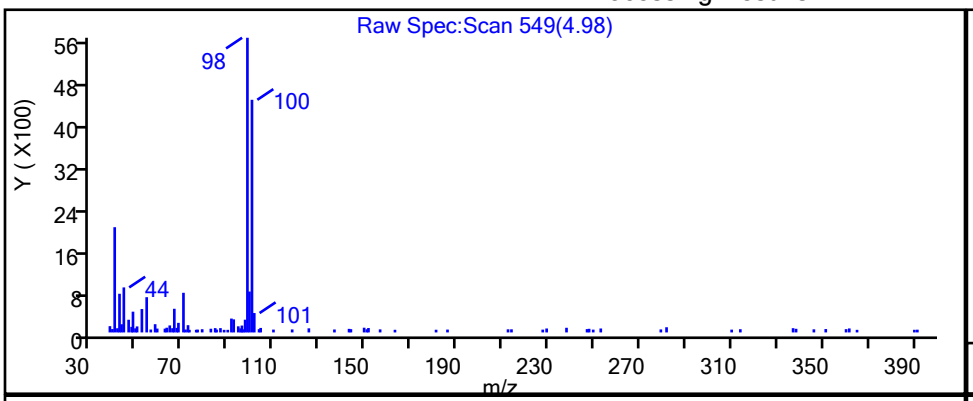
User Disabled Compound Report

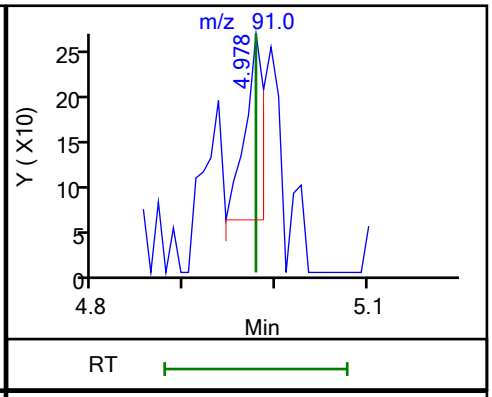
Eurofins TestAmerica, Edison

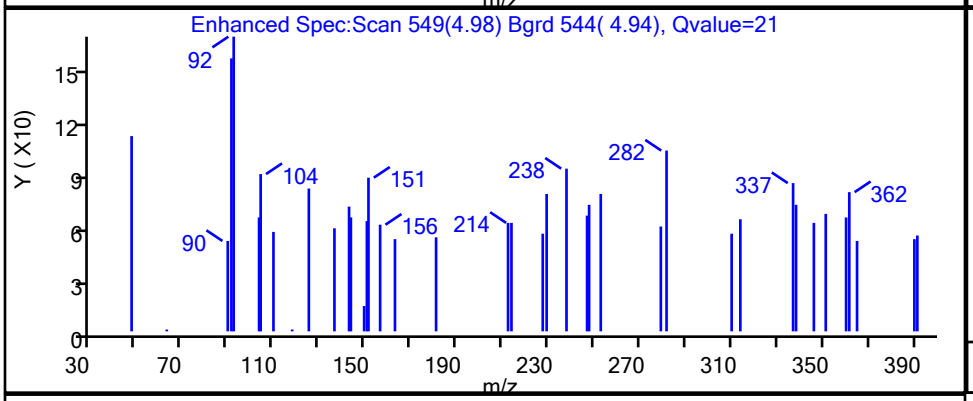
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D		
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

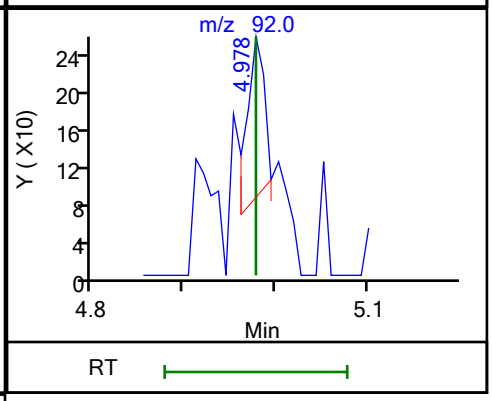
83 Toluene, CAS: 108-88-3

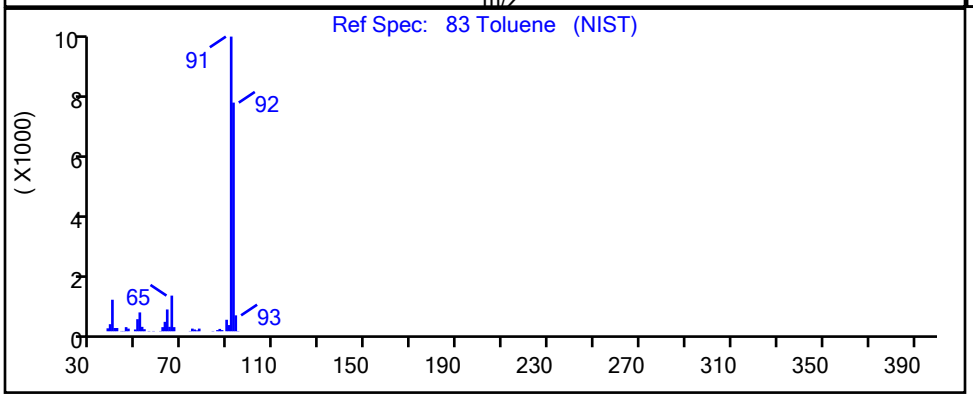
Processing Results











RT	Mass	Response	Amount
4.98	91.00	290	0.005885
4.98	92.00	225	

Reviewer: martineze, 30-Mar-2021 13:05:02

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

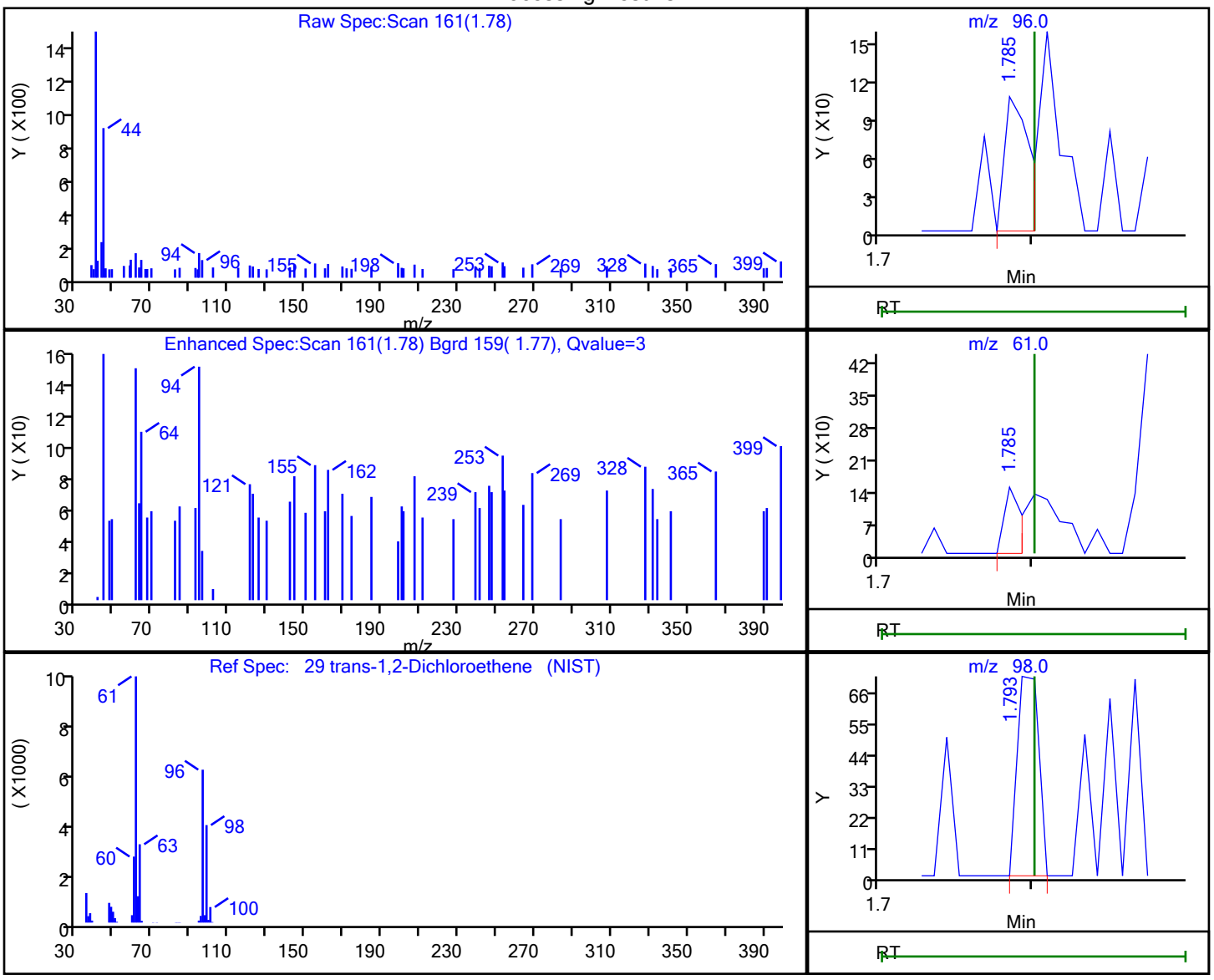
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D		
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

29 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
1.78	96.00	121	0.010201
1.78	61.00	114	
1.79	98.00	71	

Reviewer: martineze, 30-Mar-2021 13:04:15

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

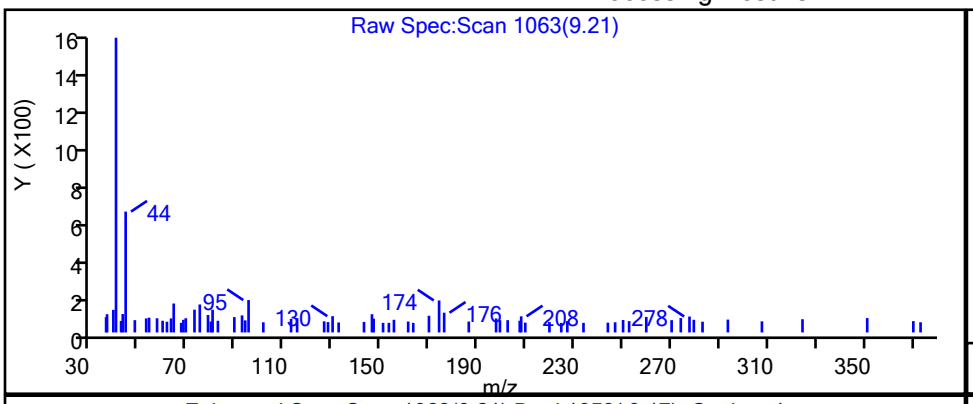
User Disabled Compound Report

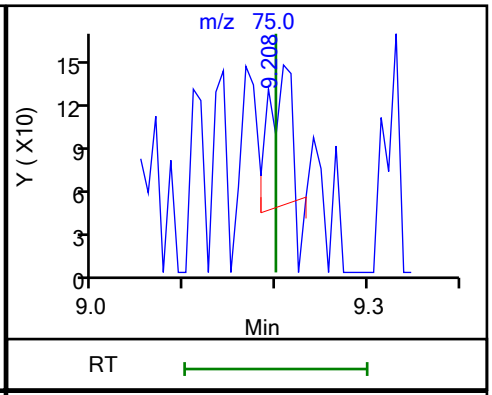
Eurofins TestAmerica, Edison

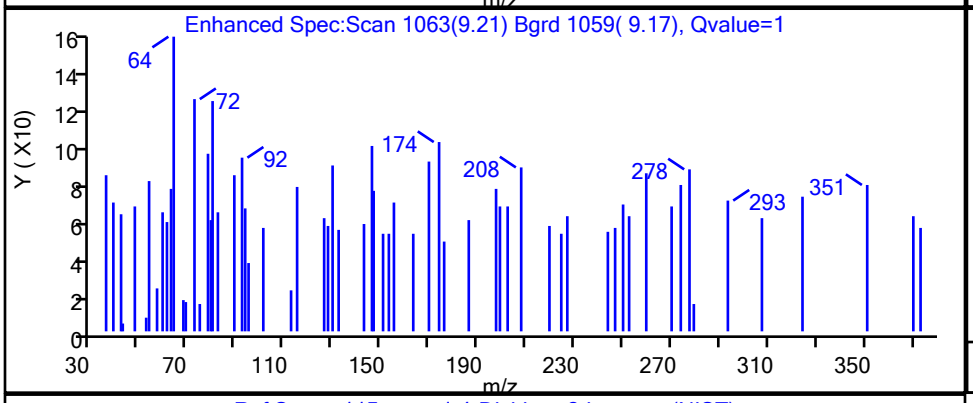
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

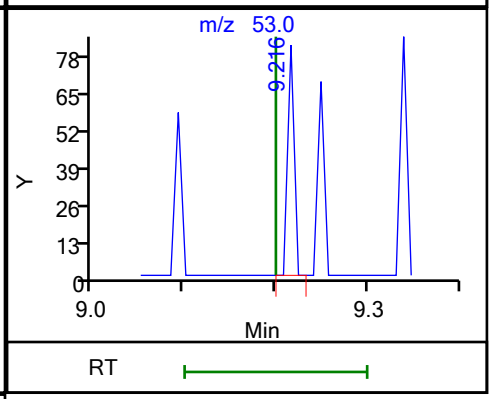
115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

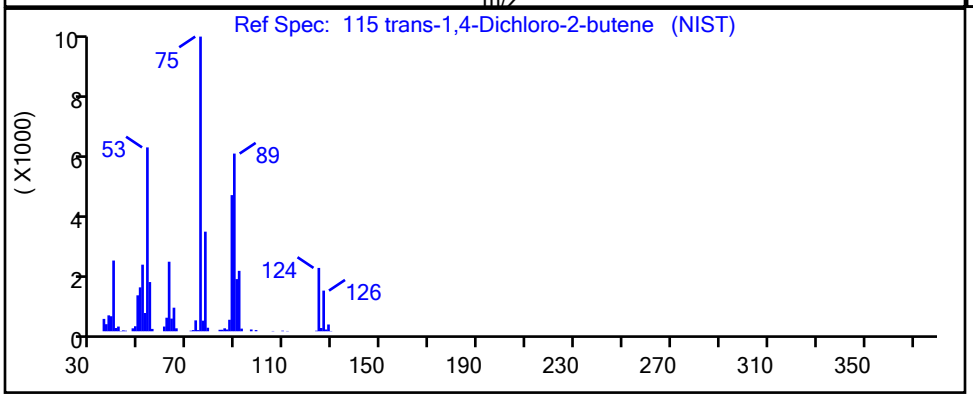
Processing Results











RT	Mass	Response	Amount
9.21	75.00	148	0.089400
9.22	53.00	40	

Reviewer: martineze, 30-Mar-2021 13:05:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

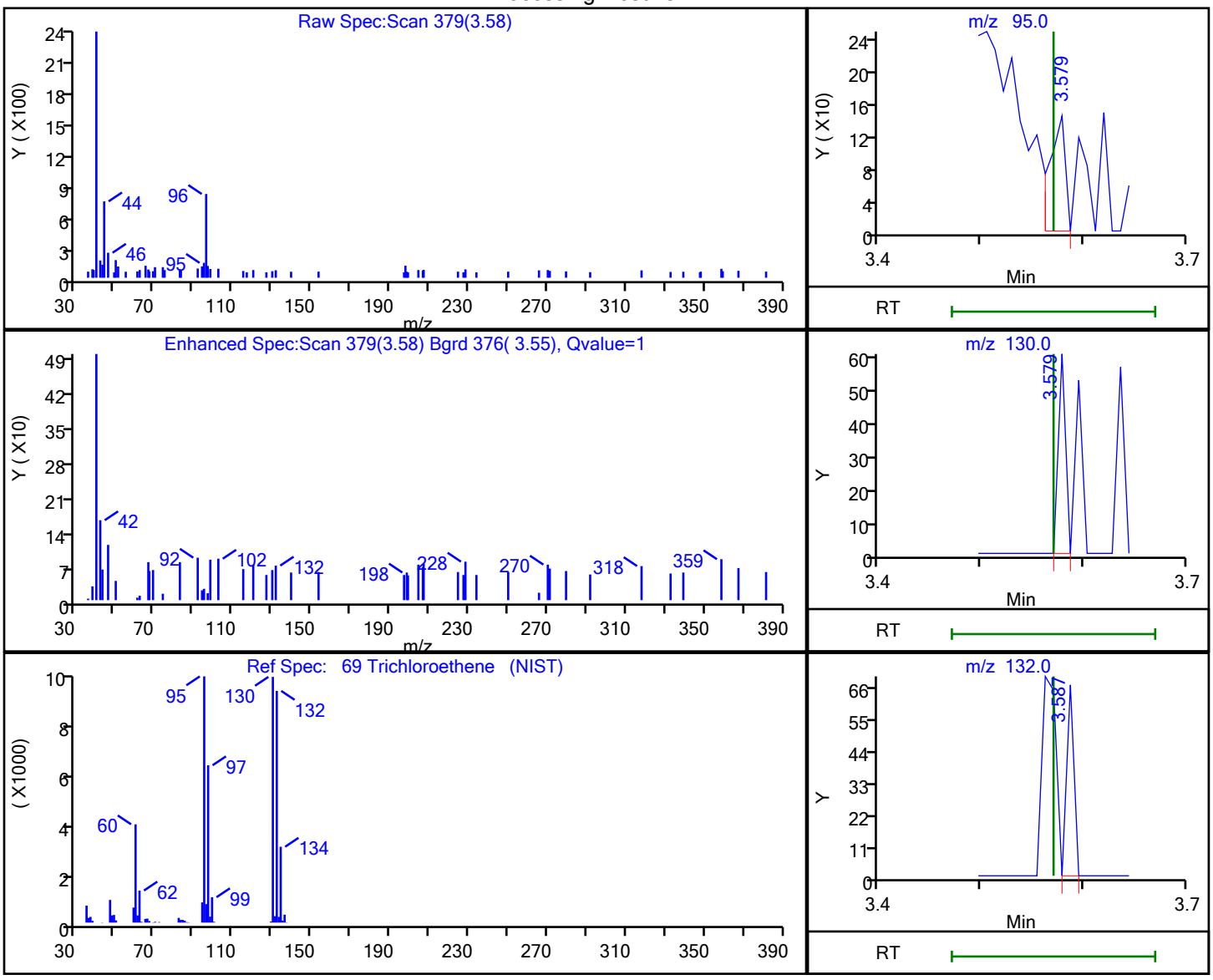
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D				
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

69 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
3.58	95.00	151	0.013076
3.58	130.00	30	
3.59	132.00	33	

Reviewer: martineze, 30-Mar-2021 13:04:43

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

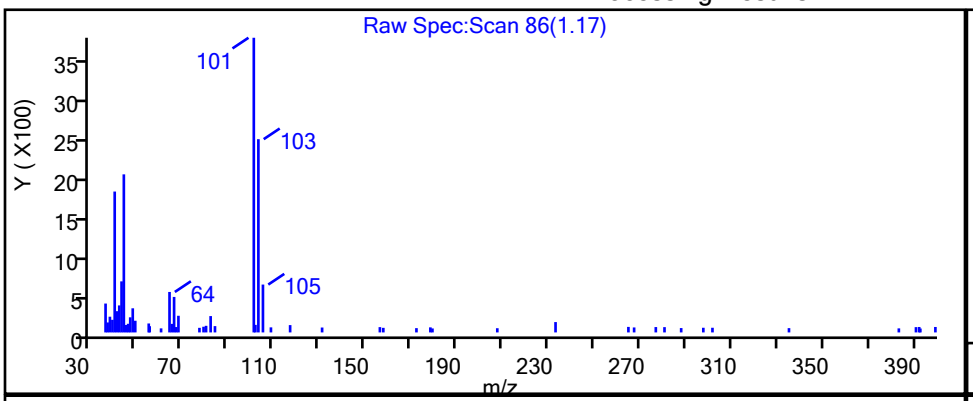
User Disabled Compound Report

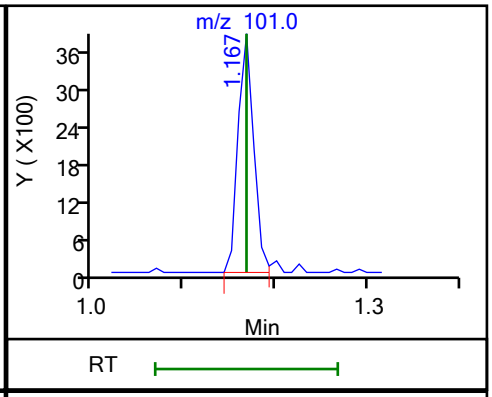
Eurofins TestAmerica, Edison

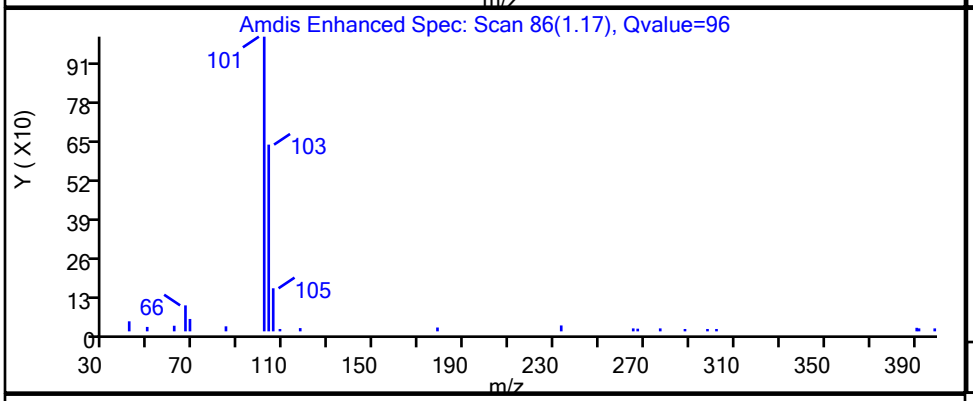
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D
Injection Date: 30-Mar-2021 11:36:30 Instrument ID: CVOAMS5
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

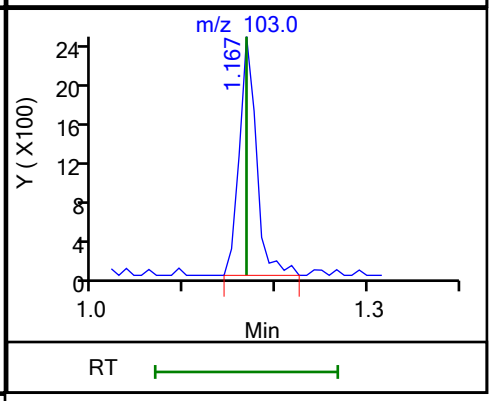
11 Trichlorofluoromethane, CAS: 75-69-4

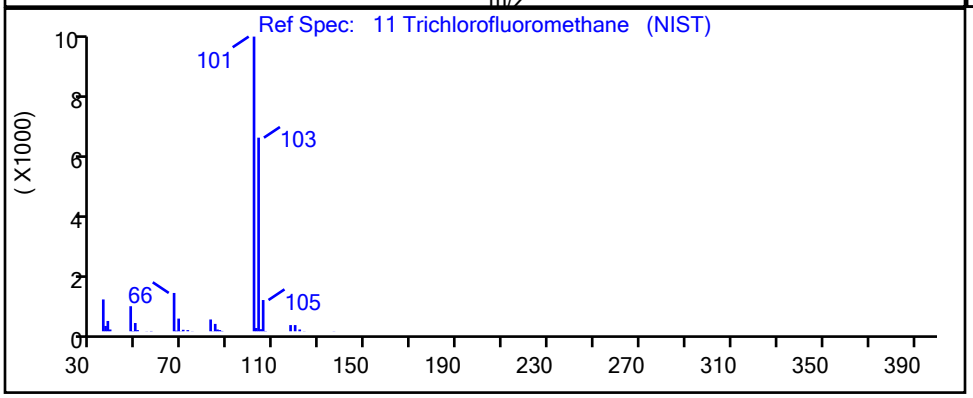
Processing Results











RT	Mass	Response	Amount
1.17	101.00	4624	0.310796
1.17	103.00	3227	

Reviewer: martineze, 30-Mar-2021 13:04:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

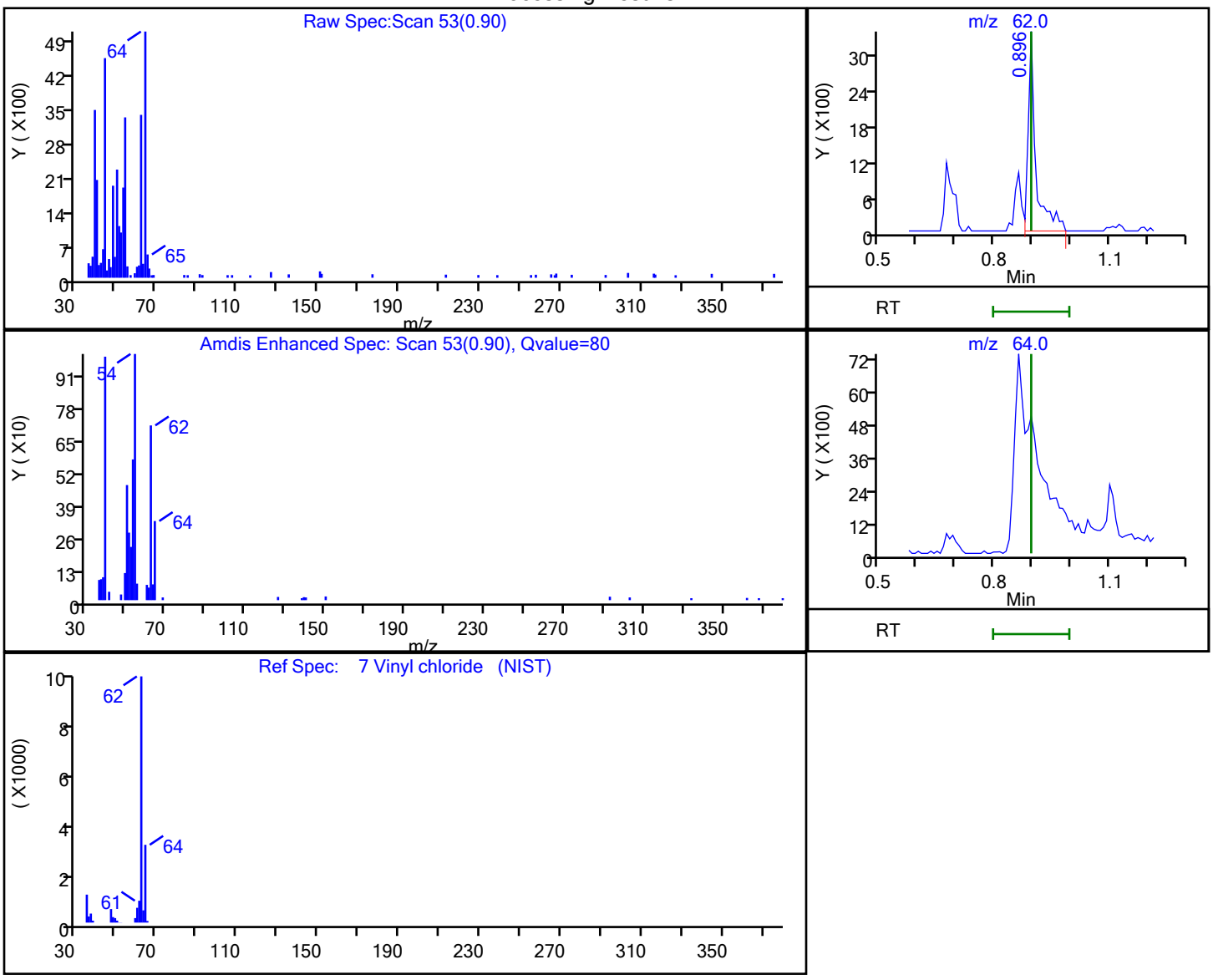
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23352.D		
Injection Date:	30-Mar-2021 11:36:30	Instrument ID:	CVOAMS5
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.90	62.00	4660	0.281280
0.90	64.00	0	

Reviewer: martineze, 30-Mar-2021 13:04:01

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23354.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 30-Mar-2021 12:28:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0126234-005
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Apr-2021 11:56:18 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: baronm Date: 01-Apr-2021 10:41:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.682	0.706	-0.024	68	2437	5.00	6.42	M
2 Chlorotrifluoroethene	116	0.756	0.756	0.000	88	3880	5.00	4.08	a
3 Dichlorodifluoromethane	85	0.764	0.764	0.000	99	19171	5.00	4.46	
4 1,1-Difluoroethane	65	0.813	0.813	0.000	76	5180	5.00	4.34	a
5 Chlorodifluoromethane	67	0.830	0.830	0.000	96	1381	5.00	3.50	Ma
8 Butadiene	54	0.904	0.896	0.008	91	19443	5.00	4.71	
7 Vinyl chloride	62	0.896	0.896	0.000	97	21755	5.00	4.92	
6 Chloromethane	50	0.896	0.896	0.000	73	28670	5.00	4.72	
9 Bromomethane	94	1.044	1.044	0.000	98	9735	5.00	5.14	
10 Chloroethane	64	1.102	1.101	0.001	99	12260	5.00	5.64	
12 Pentane	72	1.159	1.159	0.000	97	3684	10.0	10.1	
11 Trichlorofluoromethane	101	1.167	1.167	0.000	76	19827	5.00	4.73	
13 Dichlorofluoromethane	67	1.192	1.192	0.000	98	21347	5.00	4.79	
14 2-Methyl-1,3-butadiene	67	1.307	1.307	0.000	96	21911	5.00	4.78	
15 Ethyl ether	59	1.316	1.315	0.001	94	13413	5.00	5.22	
16 Ethanol	45	1.398	1.398	0.000	64	7724	200.0	284.6	
17 1,1-Dichloroethene	96	1.414	1.414	0.000	97	13838	5.00	5.09	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.414	1.414	0.000	79	18119	5.00	4.57	
19 Carbon disulfide	76	1.422	1.422	0.000	99	53103	5.00	4.96	
20 112TCTFE	101	1.431	1.431	0.000	87	10899	5.00	4.79	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.439	1.439	0.000	93	22735	5.00	5.35	
22 Iodomethane	142	1.488	1.488	0.000	98	10100	5.00	4.57	M
23 Cyclopentene	67	1.562	1.562	0.000	95	34979	5.00	4.86	
24 Acrolein	56	1.587	1.587	0.000	89	8261	20.0	25.4	
25 3-Chloro-1-propene	76	1.653	1.653	0.000	94	8659	5.00	4.92	
26 Isopropyl alcohol	45	1.694	1.686	0.008	50	5665	50.0	57.2	
27 Methylene Chloride	84	1.719	1.710	0.009	92	18732	5.00	5.45	
28 Acetone	58	1.752	1.743	0.009	89	6020	25.0	30.1	
29 trans-1,2-Dichloroethene	96	1.801	1.801	0.000	96	15645	5.00	4.98	
30 Methyl acetate	74	1.818	1.817	0.001	21	3588	10.0	9.91	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.842	1.842	0.000	93	2088	5.00	5.02	
32 Methyl tert-butyl ether	73	1.859	1.859	0.000	94	41534	5.00	5.07	
* 33 TBA-d9 (IS)	65	1.883	1.883	0.000	100	165530	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.925	1.924	0.000	28	9550	50.0	51.9	
35 Acetonitrile	41	2.023	2.015	0.008	99	10065	50.0	43.6	
36 Isopropyl ether	45	2.081	2.081	0.000	97	56680	5.00	5.26	
37 2-Chloro-1,3-butadiene	88	2.138	2.138	0.000	92	13423	5.00	4.82	
38 1,1-Dichloroethane	63	2.155	2.155	0.000	99	31936	5.00	5.14	
39 Acrylonitrile	53	2.196	2.188	0.008	95	47891	50.0	47.5	
40 Tert-butyl ethyl ether	59	2.303	2.303	0.000	89	43413	5.00	4.79	
41 Vinyl acetate	86	2.328	2.319	0.009	100	3834	10.0	8.69	
42 cis-1,2-Dichloroethene	96	2.501	2.492	0.009	95	18802	5.00	5.33	
43 2,2-Dichloropropane	77	2.558	2.558	0.000	96	11637	5.00	2.85	
44 Cyclohexane	56	2.616	2.616	0.000	88	18072	5.00	4.85	
45 Chlorobromomethane	128	2.632	2.632	0.000	97	7140	5.00	4.65	
46 Chloroform	83	2.682	2.682	0.000	98	28402	5.00	5.14	
47 Carbon tetrachloride	117	2.764	2.764	0.000	98	14810	5.00	4.80	
49 Ethyl acetate	70	2.789	2.789	0.000	96	2961	10.0	10.3	
48 Methyl acrylate	55	2.797	2.789	0.008	65	10847	5.00	5.20	
50 Tetrahydrofuran	42	2.805	2.797	0.008	60	8980	10.0	10.3	
52 1,1,1-Trichloroethane	97	2.813	2.813	0.000	42	20580	5.00	4.82	
$ 51 Dibromofluoromethane (Surr)	113	2.813	2.813	0.000	96	167934	50.0	48.9	
* 53 2-Butanone-d5	46	2.871	2.871	0.000	100	223441	250.0	250.0	
54 1,1-Dichloropropene	75	2.904	2.904	0.000	93	23905	5.00	4.98	
55 2-Butanone (MEK)	72	2.912	2.912	0.000	72	7998	25.0	26.1	
56 Isooctane	57	2.986	2.986	0.000	99	29383	5.00	4.91	
57 n-Heptane	57	3.085	3.077	0.008	46	6675	5.00	4.77	
58 Benzene	78	3.093	3.093	0.000	96	68863	5.00	5.11	
59 Propionitrile	54	3.134	3.126	0.008	97	14181	50.0	44.1	
60 Methacrylonitrile	67	3.143	3.134	0.008	92	52246	50.0	42.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.200	3.200	0.000	97	199173	50.0	49.3	
62 Tert-amyl methyl ether	73	3.200	3.200	0.000	46	39494	5.00	4.89	
63 1,2-Dichloroethane	62	3.258	3.258	0.000	97	21965	5.00	5.21	
64 Isobutyl alcohol	43	3.332	3.332	0.000	94	7114	125.0	101.4	
65 t-Amyl alcohol	59	3.398	3.389	0.009	89	5491	50.0	43.9	a
* 66 Fluorobenzene	96	3.422	3.430	-0.008	99	534317	50.0	50.0	
67 Isopropyl acetate	43	3.505	3.496	0.009	98	20248	5.00	4.50	
68 Methylcyclohexane	83	3.546	3.546	0.000	96	14321	5.00	4.82	
69 Trichloroethene	95	3.570	3.570	0.000	97	16106	5.00	5.05	
70 2-ethoxy-2-methyl butane	59	3.801	3.801	0.000	96	32061	5.00	4.61	
71 Dibromomethane	93	3.941	3.932	0.009	94	9539	5.00	5.07	
72 n-Butanol	56	4.130	3.974	0.156	0	5822	125.0	109.7	M
73 1,2-Dichloropropane	63	4.023	4.023	0.000	91	18674	5.00	5.29	
74 Dichlorobromomethane	83	4.105	4.097	0.008	99	21484	5.00	5.01	
75 Ethyl acrylate	55	4.122	4.105	0.017	85	12846	5.00	4.69	
* 76 1,4-Dioxane-d8	96	4.286	4.286	0.000	98	23025	1000.0	1000.0	
77 Methyl methacrylate	100	4.303	4.295	0.008	90	6574	10.0	9.66	
78 1,4-Dioxane	88	4.319	4.311	0.008	32	2870	100.0	110.5	
79 n-Propyl acetate	43	4.467	4.459	0.008	96	12737	5.00	4.52	
80 2-Chloroethyl vinyl ether	63	4.723	4.706	0.017	93	5053	5.01	4.71	
81 cis-1,3-Dichloropropene	75	4.739	4.731	0.008	91	23101	5.00	4.77	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	100	655120	50.0	48.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.978	4.978	0.000	93	68801	5.00	5.23	
84 Epichlorohydrin	57	5.035	5.019	0.016	24	9133	100.0	58.0	
85 2-Nitropropane	41	5.241	5.241	0.000	91	4264	10.0	8.22	
86 Tetrachloroethene	166	5.397	5.389	0.008	94	11223	5.00	5.02	
87 4-Methyl-2-pentanone (MIBK)	43	5.455	5.447	0.008	96	55888	25.0	25.4	
88 trans-1,3-Dichloropropene	75	5.488	5.480	0.008	92	14303	5.00	4.36	
89 1,1,2-Trichloroethane	83	5.653	5.644	0.009	95	11035	5.00	4.96	
90 Ethyl methacrylate	69	5.735	5.727	0.008	87	16572	5.00	4.91	
91 Chlorodibromomethane	129	5.842	5.842	0.000	97	12466	5.00	4.88	
92 1,3-Dichloropropane	76	5.965	5.957	0.008	95	23689	5.00	4.93	
93 Ethylene Dibromide	107	6.089	6.080	0.009	99	12950	5.00	5.23	
94 n-Butyl acetate	43	6.443	6.434	0.009	98	12292	5.00	2.78	
95 2-Hexanone	43	6.508	6.500	0.008	95	37325	25.0	24.9	
* 96 Chlorobenzene-d5	117	6.764	6.764	0.000	86	456634	50.0	50.0	
97 Chlorobenzene	112	6.780	6.780	0.000	89	40804	5.00	5.06	
98 Ethylbenzene	106	6.871	6.862	0.009	98	18713	5.00	4.97	
99 1,1,1,2-Tetrachloroethane	133	6.895	6.895	0.000	93	12401	5.00	5.03	
100 m-Xylene & p-Xylene	106	7.085	7.076	0.009	96	22862	5.00	5.10	
101 o-Xylene	106	7.661	7.661	0.000	93	21889	5.00	4.79	
102 Bromoform	173	7.735	7.726	0.009	95	6870	5.00	5.17	
103 Styrene	104	7.751	7.751	0.000	95	36509	5.00	4.75	
104 n-Butyl acrylate	73	8.089	8.080	0.009	94	8094	5.00	4.86	
105 Isopropylbenzene	105	8.138	8.138	0.000	96	44884	5.00	4.89	
106 Amyl acetate (mixed isomers)	43	8.500	8.492	0.008	42	15346	5.00	4.53	
$ 107 4-Bromofluorobenzene	174	8.517	8.516	0.000	87	152756	50.0	49.1	
108 Bromobenzene	156	8.623	8.615	0.008	95	15405	5.00	5.49	
109 N-Propylbenzene	91	8.772	8.772	0.000	99	48767	5.00	5.00	
110 1,1,2,2-Tetrachloroethane	83	8.928	8.928	0.000	98	16511	5.00	5.52	
111 2-Chlorotoluene	91	8.944	8.944	0.000	97	39317	5.00	4.97	
112 4-Ethyltoluene	105	8.961	8.961	0.000	99	36000	5.00	4.81	
113 1,2,3-Trichloropropane	110	9.060	9.060	0.000	97	4350	5.00	5.44	
114 1,3,5-Trimethylbenzene	105	9.117	9.117	0.000	92	31081	5.00	4.91	
115 trans-1,4-Dichloro-2-butene	75	9.208	9.200	0.008	40	1935	5.00	2.14	
116 4-Chlorotoluene	91	9.216	9.208	0.008	99	36700	5.00	4.94	
117 tert-Butylbenzene	119	9.578	9.578	0.000	92	25213	5.00	4.84	
119 1,2,4-Trimethylbenzene	105	9.710	9.710	0.000	97	30899	5.00	4.86	
118 Butyl Methacrylate	87	9.726	9.726	0.000	92	10724	5.00	4.31	
120 sec-Butylbenzene	105	9.866	9.866	0.000	98	34894	5.00	4.80	
121 1,3-Dichlorobenzene	146	10.130	10.121	0.009	95	22281	5.00	5.33	
122 4-Isopropyltoluene	119	10.146	10.146	0.000	97	25801	5.00	4.48	
* 123 1,4-Dichlorobenzene-d4	152	10.261	10.261	0.000	96	166758	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.278	10.286	-0.008	93	24597	5.00	5.52	
125 1,2,3-Trimethylbenzene	105	10.385	10.385	0.000	99	36010	5.00	5.14	
126 2,3-Dihydroindene	117	10.557	10.557	0.000	94	40306	5.00	5.22	
128 Benzyl chloride	126	10.755	10.738	0.017	85	1615	5.00	2.09	
127 p-Diethylbenzene	119	10.755	10.755	0.000	86	12775	5.00	4.84	
129 n-Butylbenzene	92	10.846	10.837	0.009	98	12105	5.00	4.70	
130 1,2-Dichlorobenzene	146	10.952	10.952	0.000	94	21471	5.00	5.23	
131 1,2,4,5-Tetramethylbenzene	119	11.825	11.825	0.000	97	29921	5.00	5.42	
132 1,2-Dibromo-3-Chloropropane	157	11.957	11.948	0.009	94	2623	5.00	5.25	
133 1,3,5-Trichlorobenzene	180	11.981	11.981	0.000	97	11200	5.00	5.33	
134 1,2,4-Trichlorobenzene	180	12.508	12.500	0.008	94	10200	5.00	5.28	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.508	12.508	0.000	89	4371	5.00	4.29	
136 Naphthalene	128	12.722	12.722	0.000	99	29686	5.00	5.90	
137 1,2,3-Trichlorobenzene	180	12.845	12.837	0.008	96	9016	5.00	5.33	
S 138 1,2-Dichloroethene, Total	100				0		10.0	10.3	
S 139 1,3-Dichloropropene, Total	100				0		10.0	9.14	
S 140 Xylenes, Total	100				0		10.0	9.89	
S 141 Total BTEX	1				0		25.0	25.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00121	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00134	Amount Added:	10.00	Units: uL	
GASES Li_00413	Amount Added:	10.00	Units: uL	
524freon_00034	Amount Added:	10.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Apr-2021 11:56:20 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23354.D

Injection Date: 30-Mar-2021 12:28:30 Instrument ID: CVOAMS5 Operator ID:

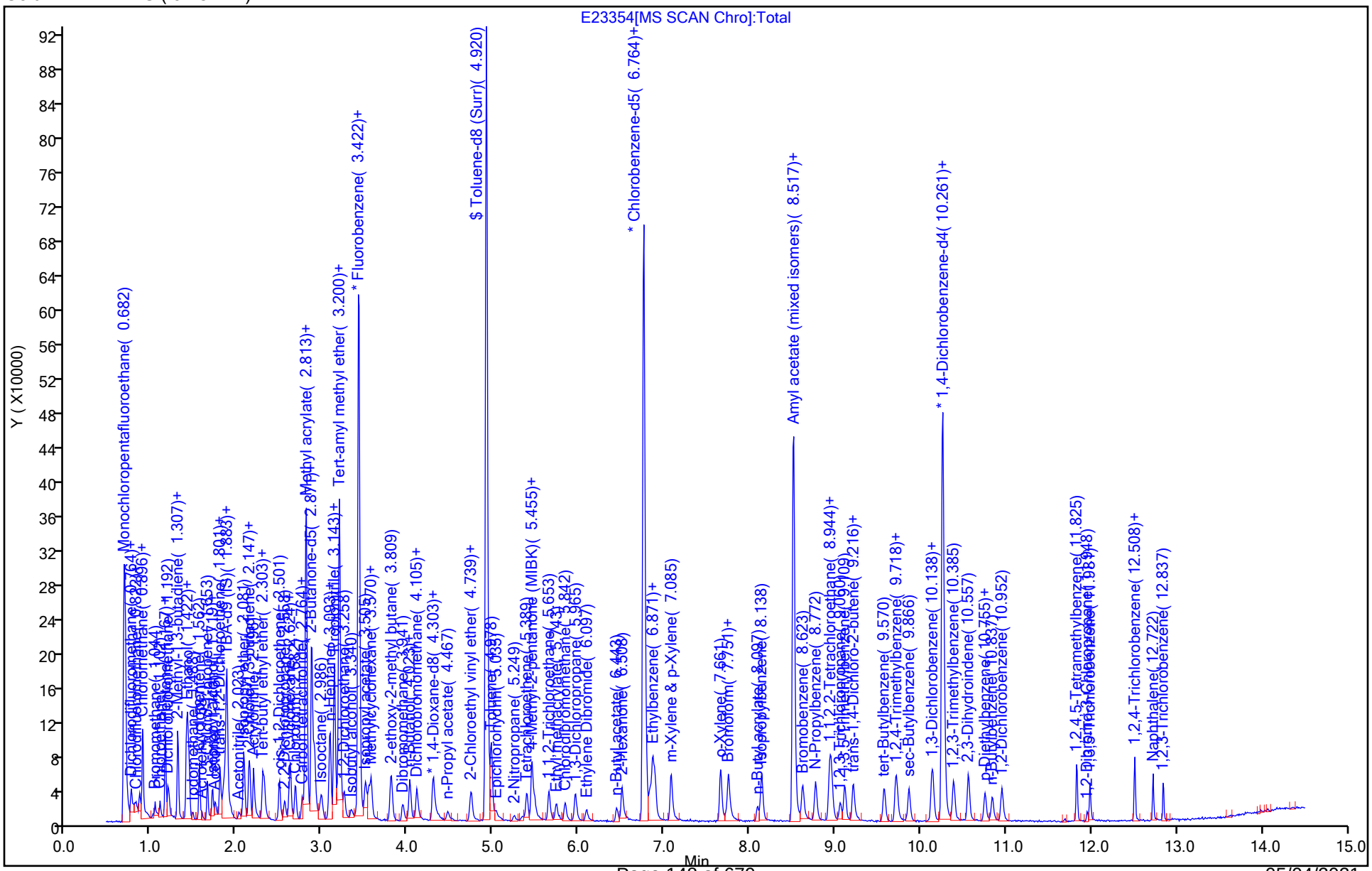
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

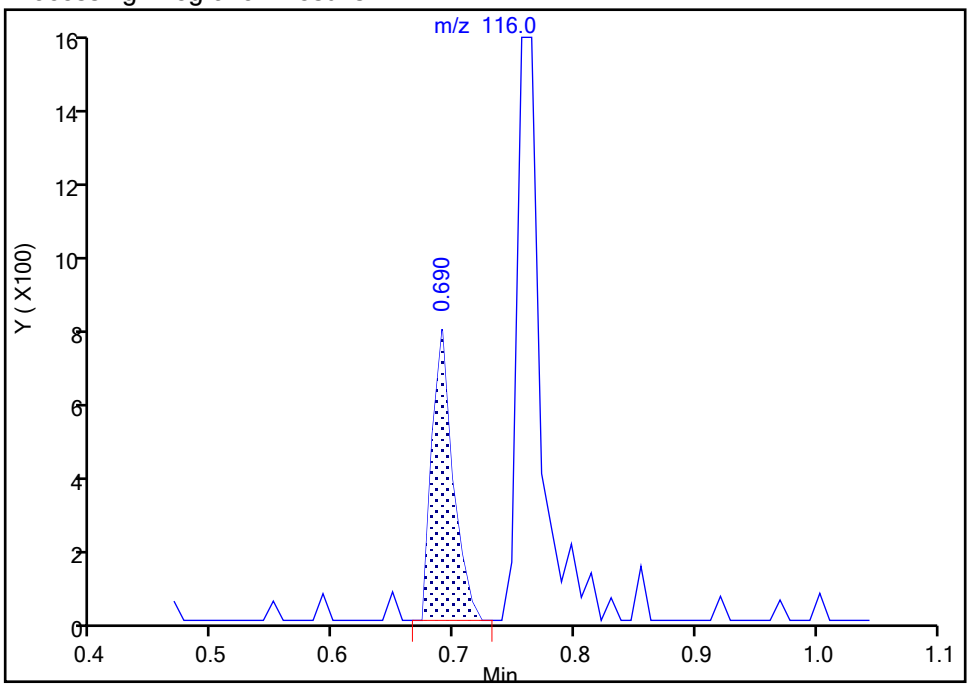
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23354.D
Injection Date: 30-Mar-2021 12:28:30 Instrument ID: CVOAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

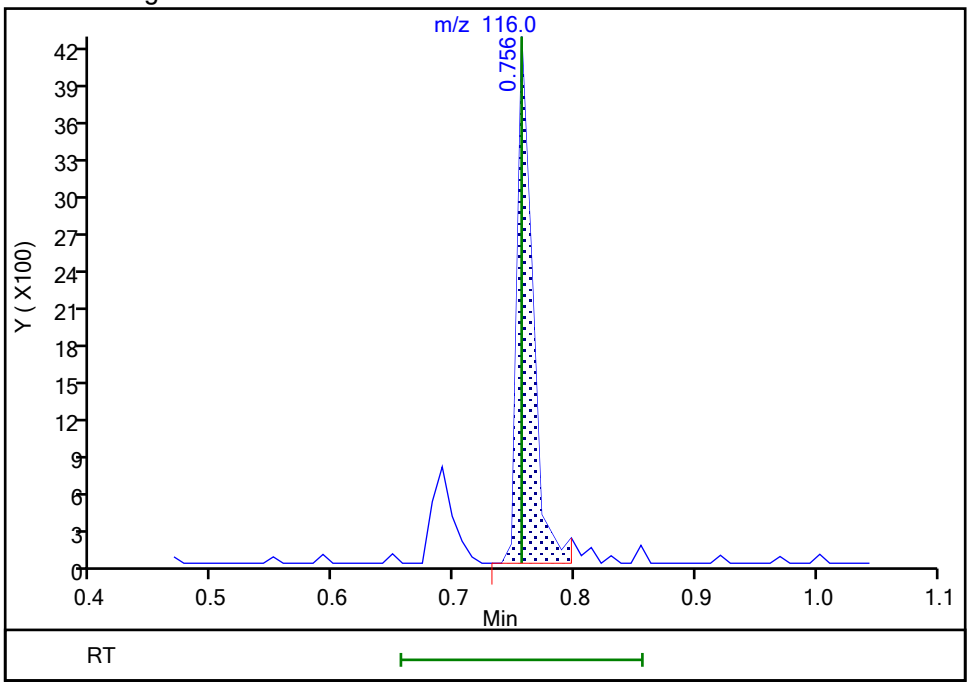
Processing Integration Results

RT: 0.69
Area: 940
Amount: 0.847058
Amount Units: ug/l



Manual Integration Results

RT: 0.76
Area: 3880
Amount: 4.076465
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:39:33
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

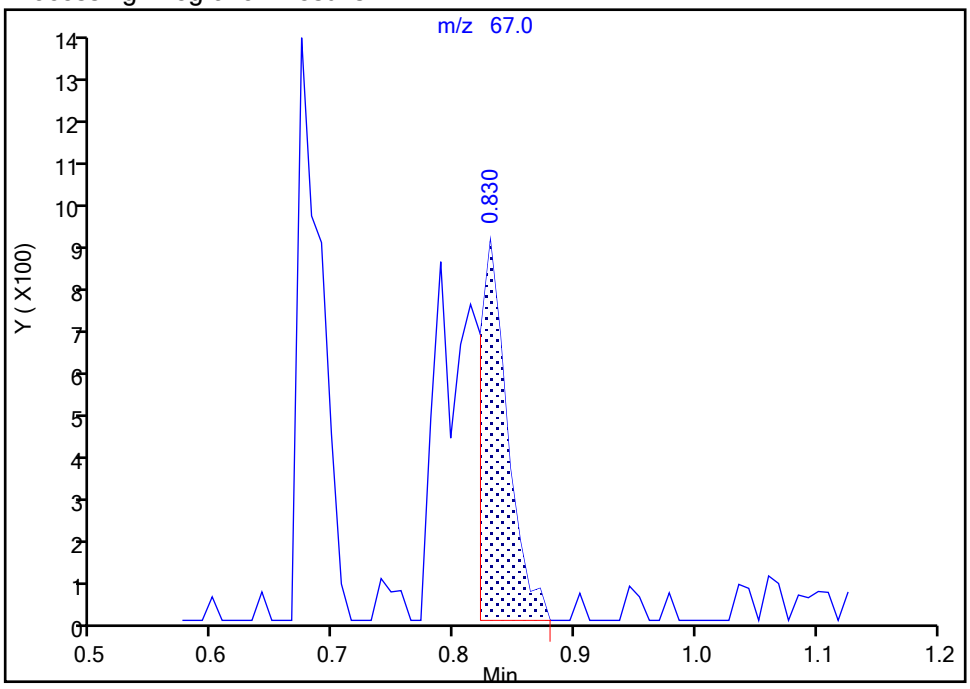
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23354.D
Injection Date: 30-Mar-2021 12:28:30 Instrument ID: CVOAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

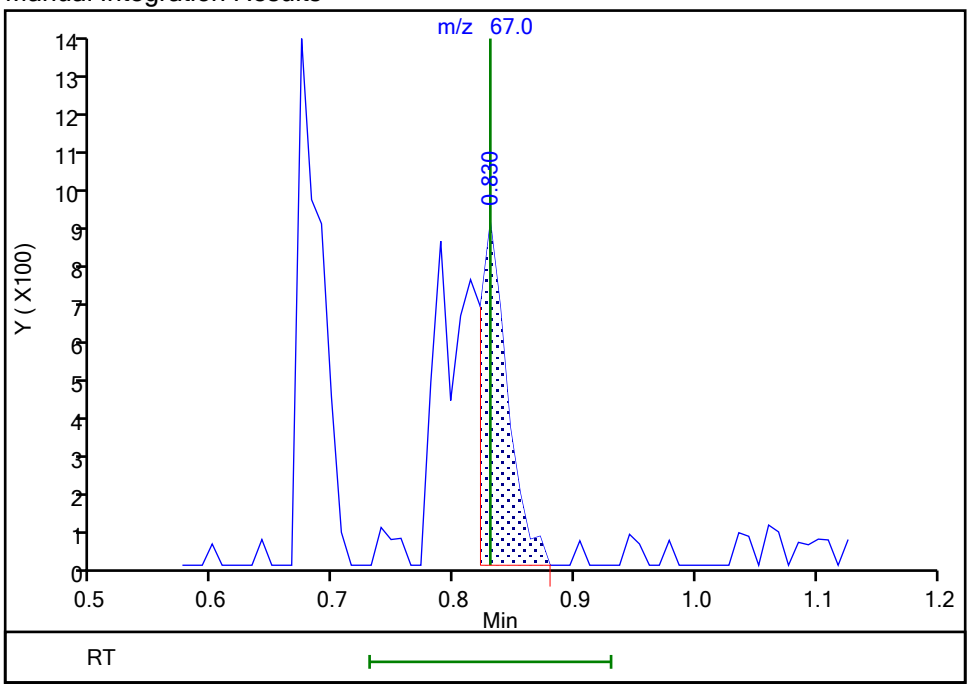
Processing Integration Results

RT: 0.83
Area: 1381
Amount: 3.211026
Amount Units: ug/l



Manual Integration Results

RT: 0.83
Area: 1381
Amount: 3.501868
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:40:02
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

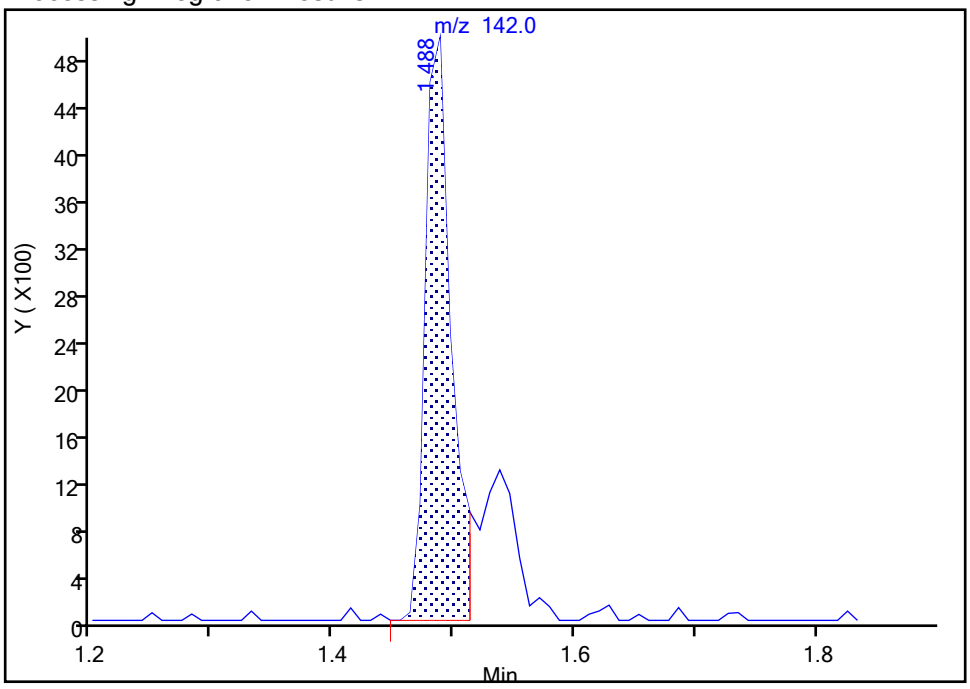
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23354.D
Injection Date: 30-Mar-2021 12:28:30 Instrument ID: CVOAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

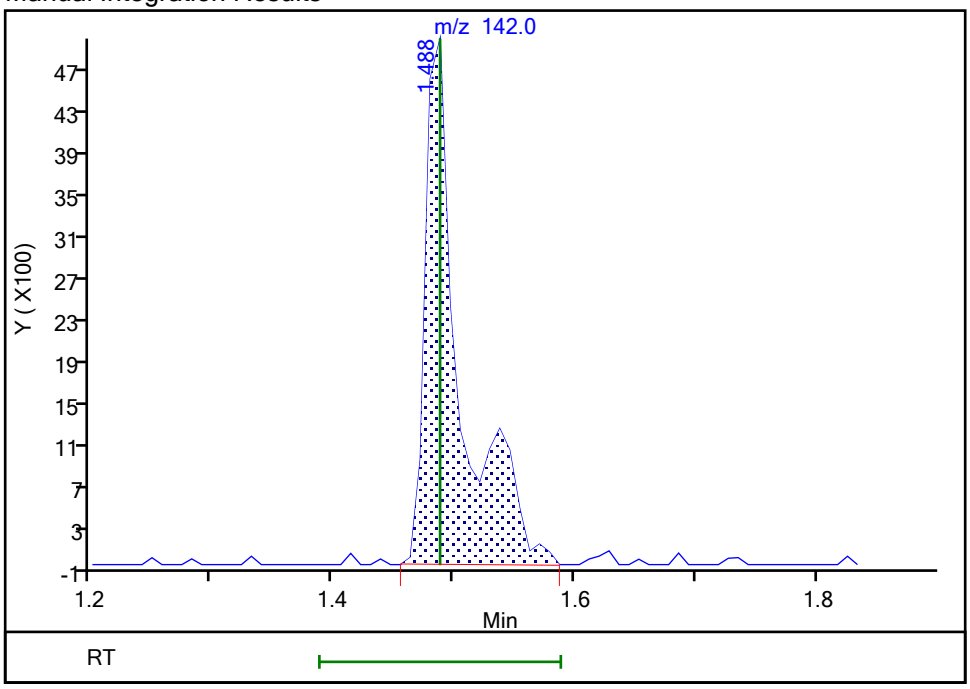
Processing Integration Results

RT: 1.49
Area: 7535
Amount: 3.301703
Amount Units: ug/l



Manual Integration Results

RT: 1.49
Area: 10100
Amount: 4.566144
Amount Units: ug/l



Reviewer: baronm, 30-Mar-2021 17:11:21
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

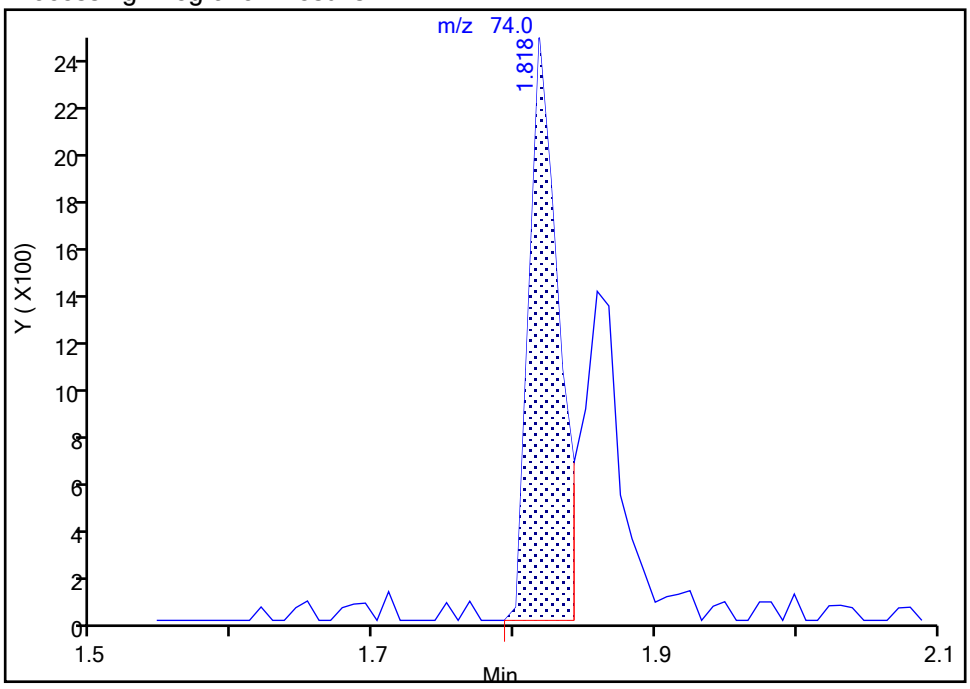
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23354.D
Injection Date: 30-Mar-2021 12:28:30 Instrument ID: CVOAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

30 Methyl acetate, CAS: 79-20-9

Signal: 1

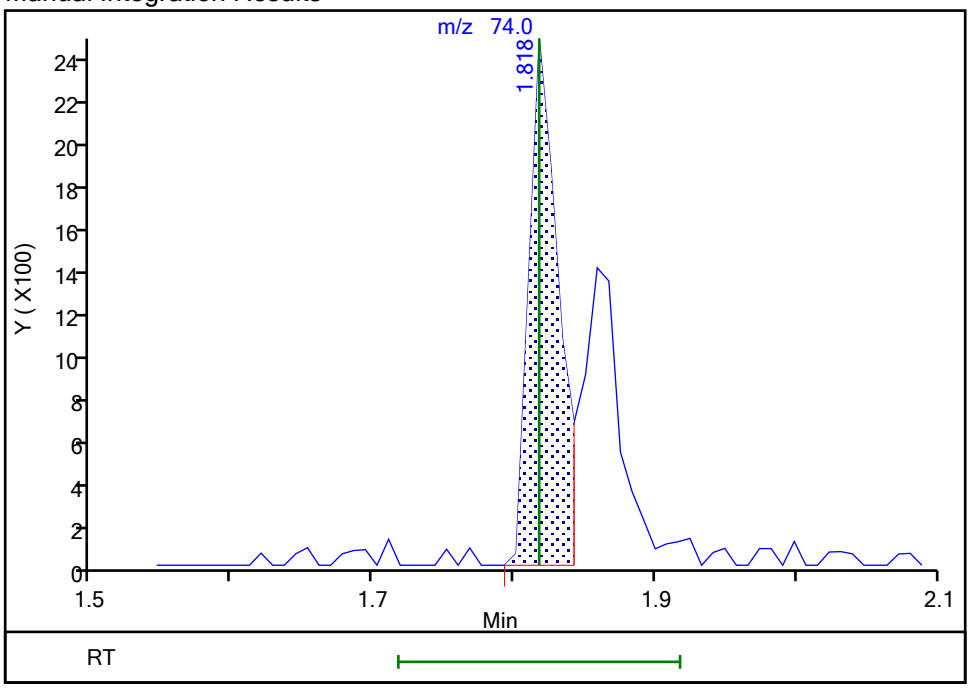
Processing Integration Results

RT: 1.82
Area: 3588
Amount: 9.400651
Amount Units: ug/l



Manual Integration Results

RT: 1.82
Area: 3588
Amount: 9.907268
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:41:14
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

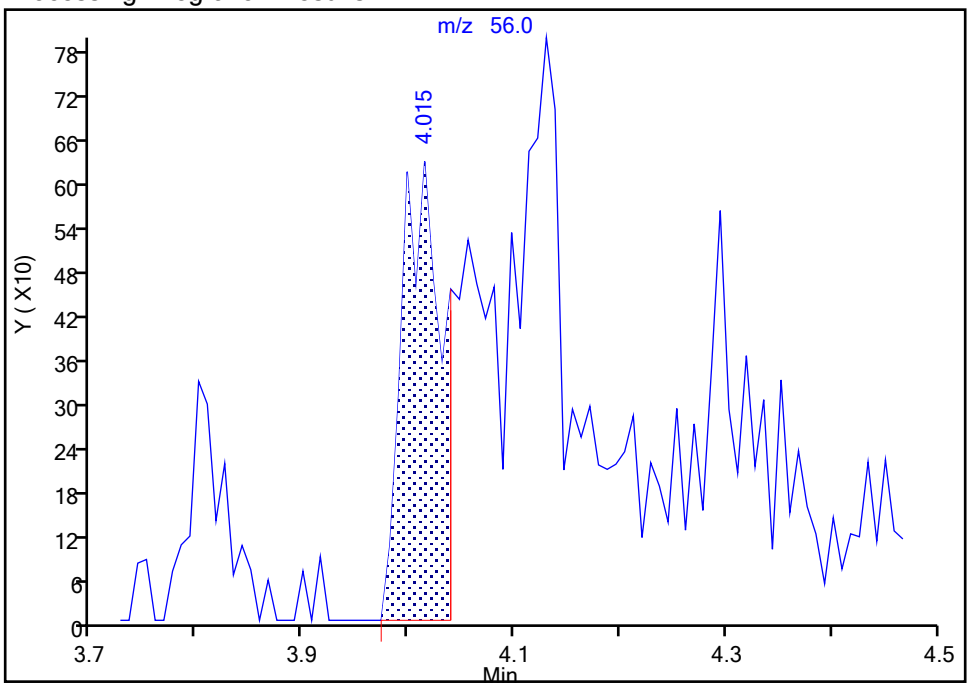
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23354.D
Injection Date: 30-Mar-2021 12:28:30 Instrument ID: CVOAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

72 n-Butanol, CAS: 71-36-3

Signal: 1

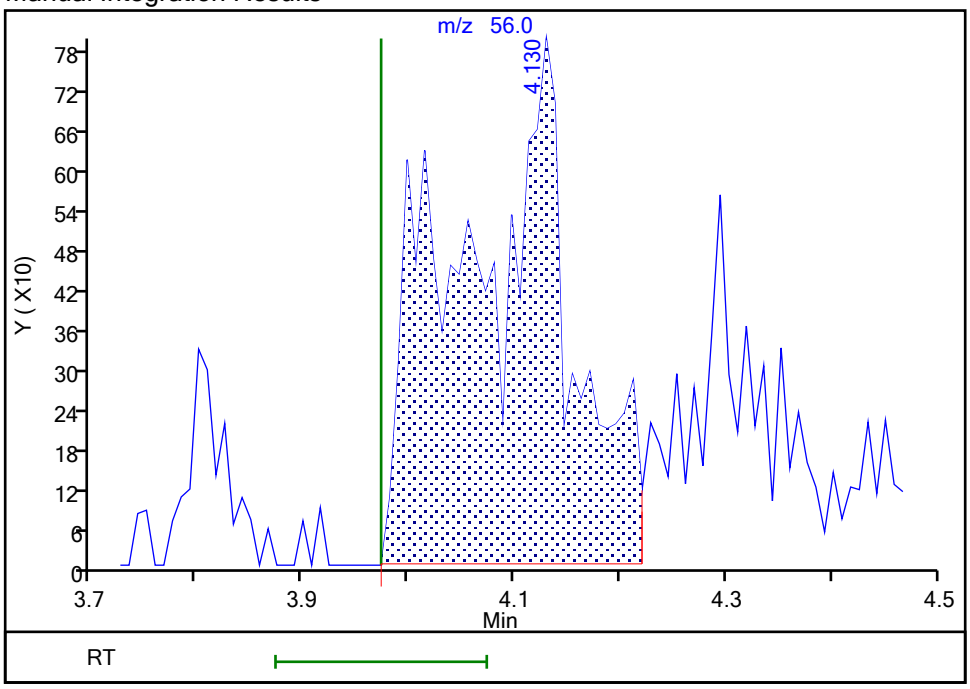
Processing Integration Results

RT: 4.01
Area: 1659
Amount: 48.070477
Amount Units: ug/l



Manual Integration Results

RT: 4.13
Area: 5822
Amount: 109.7430
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 11:19:44
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23355.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 30-Mar-2021 12:54:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0126234-006
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Apr-2021 11:56:42 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: baronm Date: 01-Apr-2021 11:55:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.706	0.706	0.000	68	4403	20.0	12.3	M
2 Chlorotrifluoroethene	116	0.756	0.756	0.000	89	17095	20.0	17.9	a
3 Dichlorodifluoromethane	85	0.764	0.764	0.000	99	86887	20.0	21.4	
4 1,1-Difluoroethane	65	0.813	0.813	0.000	95	24743	20.0	22.0	a
5 Chlorodifluoromethane	67	0.830	0.830	0.000	96	8100	20.0	21.8	a
8 Butadiene	54	0.896	0.896	0.000	93	82734	20.0	21.2	
7 Vinyl chloride	62	0.896	0.896	0.000	97	89015	20.0	21.3	
6 Chloromethane	50	0.896	0.896	0.000	97	115536	20.0	20.1	
9 Bromomethane	94	1.044	1.044	0.000	99	36286	20.0	20.3	
10 Chloroethane	64	1.101	1.101	0.000	98	48723	20.0	22.4	
12 Pentane	72	1.159	1.159	0.000	96	14827	40.0	40.6	
11 Trichlorofluoromethane	101	1.167	1.167	0.000	76	86472	20.0	21.9	
13 Dichlorofluoromethane	67	1.192	1.192	0.000	99	87438	20.0	20.8	
14 2-Methyl-1,3-butadiene	67	1.307	1.307	0.000	97	93325	20.0	21.6	
15 Ethyl ether	59	1.315	1.315	0.000	96	53449	20.0	22.1	
16 Ethanol	45	1.398	1.398	0.000	99	26242	800.0	980.8	
17 1,1-Dichloroethene	96	1.414	1.414	0.000	98	57043	20.0	22.2	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.414	1.414	0.000	84	71353	20.0	19.1	
19 Carbon disulfide	76	1.422	1.422	0.000	99	215882	20.0	21.4	
20 112TCTFE	101	1.431	1.431	0.000	91	47400	20.0	22.1	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.439	1.439	0.000	92	85871	20.0	21.4	
22 Iodomethane	142	1.488	1.488	0.000	98	43953	20.0	19.4	M
23 Cyclopentene	67	1.562	1.562	0.000	96	143605	20.0	21.2	
24 Acrolein	56	1.587	1.587	0.000	92	15383	40.0	47.5	M
25 3-Chloro-1-propene	76	1.653	1.653	0.000	95	34656	20.0	20.9	
26 Isopropyl alcohol	45	1.686	1.686	0.000	56	20212	200.0	205.3	
27 Methylene Chloride	84	1.710	1.710	0.000	94	68099	20.0	21.0	
28 Acetone	58	1.743	1.743	0.000	88	21420	100.0	106.9	
29 trans-1,2-Dichloroethene	96	1.801	1.801	0.000	96	62320	20.0	21.0	
30 Methyl acetate	74	1.817	1.817	0.000	100	16753	40.0	43.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.842	1.842	0.000	79	8496	20.0	20.6	
32 Methyl tert-butyl ether	73	1.859	1.859	0.000	92	166326	20.0	21.5	
* 33 TBA-d9 (IS)	65	1.883	1.883	0.000	100	164635	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.924	1.924	0.000	98	38520	200.0	210.7	
35 Acetonitrile	41	2.015	2.015	0.000	99	44474	200.0	194.1	
36 Isopropyl ether	45	2.081	2.081	0.000	97	223346	20.0	22.0	
37 2-Chloro-1,3-butadiene	88	2.138	2.138	0.000	90	55608	20.0	21.2	
38 1,1-Dichloroethane	63	2.155	2.155	0.000	99	125131	20.0	21.3	
39 Acrylonitrile	53	2.188	2.188	0.000	94	191205	200.0	201.5	
40 Tert-butyl ethyl ether	59	2.303	2.303	0.000	89	181198	20.0	21.2	
41 Vinyl acetate	86	2.319	2.319	0.000	100	19709	40.0	41.4	
42 cis-1,2-Dichloroethene	96	2.492	2.492	0.000	96	68633	20.0	20.6	
43 2,2-Dichloropropane	77	2.558	2.558	0.000	98	61565	20.0	16.0	
44 Cyclohexane	56	2.616	2.616	0.000	89	74741	20.0	21.3	
45 Chlorobromomethane	128	2.632	2.632	0.000	94	32162	20.0	22.2	
46 Chloroform	83	2.682	2.682	0.000	99	113269	20.0	21.7	
47 Carbon tetrachloride	117	2.764	2.764	0.000	97	60639	20.0	20.8	
49 Ethyl acetate	70	2.789	2.789	0.000	97	12375	40.0	43.0	
48 Methyl acrylate	55	2.789	2.789	0.000	74	43106	20.0	19.6	
50 Tetrahydrofuran	42	2.797	2.797	0.000	95	37399	40.0	42.7	
52 1,1,1-Trichloroethane	97	2.813	2.813	0.000	97	83896	20.0	20.8	
$ 51 Dibromofluoromethane (Surr)	113	2.813	2.813	0.000	97	167614	50.0	51.7	
* 53 2-Butanone-d5	46	2.871	2.871	0.000	99	223674	250.0	250.0	
54 1,1-Dichloropropene	75	2.904	2.904	0.000	94	85974	20.0	19.0	
55 2-Butanone (MEK)	72	2.912	2.912	0.000	100	29107	100.0	94.8	
56 Isooctane	57	2.986	2.986	0.000	99	106842	20.0	18.9	
57 n-Heptane	57	3.077	3.077	0.000	91	24683	20.0	18.7	
58 Benzene	78	3.093	3.093	0.000	96	273320	20.0	20.4	
59 Propionitrile	54	3.126	3.126	0.000	98	64035	200.0	201.4	
60 Methacrylonitrile	67	3.134	3.134	0.000	90	233240	200.0	201.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.200	3.200	0.000	95	193798	50.0	50.9	
62 Tert-amyl methyl ether	73	3.200	3.200	0.000	80	161672	20.0	21.2	
63 1,2-Dichloroethane	62	3.258	3.258	0.000	98	81927	20.0	20.6	
64 Isobutyl alcohol	43	3.332	3.332	0.000	94	31879	500.0	456.8	
65 t-Amyl alcohol	59	3.389	3.389	0.000	97	26714	200.0	214.7	
* 66 Fluorobenzene	96	3.430	3.430	0.000	98	504021	50.0	50.0	
67 Isopropyl acetate	43	3.496	3.496	0.000	99	88281	20.0	20.8	
68 Methylcyclohexane	83	3.546	3.546	0.000	95	58477	20.0	20.8	
69 Trichloroethene	95	3.570	3.570	0.000	99	61894	20.0	20.6	
70 2-ethoxy-2-methyl butane	59	3.801	3.801	0.000	97	136712	20.0	20.8	
71 Dibromomethane	93	3.932	3.932	0.000	94	37885	20.0	21.3	
72 n-Butanol	56	3.974	3.974	0.000	89	17795	500.0	337.3	
73 1,2-Dichloropropane	63	4.023	4.023	0.000	92	72112	20.0	21.7	
74 Dichlorobromomethane	83	4.097	4.097	0.000	99	85041	20.0	21.0	
75 Ethyl acrylate	55	4.105	4.105	0.000	69	62457	20.0	20.4	
* 76 1,4-Dioxane-d8	96	4.286	4.286	0.000	96	23897	1000.0	1000.0	
77 Methyl methacrylate	100	4.295	4.295	0.000	90	27292	40.0	42.5	
78 1,4-Dioxane	88	4.311	4.311	0.000	38	10558	400.0	391.6	
79 n-Propyl acetate	43	4.459	4.459	0.000	98	61296	20.0	20.1	
80 2-Chloroethyl vinyl ether	63	4.706	4.706	0.000	97	23628	20.0	19.9	
81 cis-1,3-Dichloropropene	75	4.731	4.731	0.000	91	101216	20.0	19.6	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	99	661344	50.0	49.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.978	4.978	0.000	93	272936	20.0	20.9	
84 Epichlorohydrin	57	5.019	5.019	0.000	98	49759	400.0	315.3	
85 2-Nitropropane	41	5.241	5.241	0.000	98	18028	40.0	35.1	
86 Tetrachloroethene	166	5.389	5.389	0.000	96	45818	20.0	20.7	
87 4-Methyl-2-pentanone (MIBK)	43	5.447	5.447	0.000	97	243880	100.0	110.8	
88 trans-1,3-Dichloropropene	75	5.480	5.480	0.000	96	72936	20.0	19.7	
89 1,1,2-Trichloroethane	83	5.644	5.644	0.000	97	48101	20.0	21.8	
90 Ethyl methacrylate	69	5.727	5.727	0.000	90	69232	20.0	19.2	
91 Chlorodibromomethane	129	5.842	5.842	0.000	99	52883	20.0	20.9	
92 1,3-Dichloropropane	76	5.957	5.957	0.000	93	100317	20.0	21.0	
93 Ethylene Dibromide	107	6.080	6.080	0.000	98	50097	20.0	20.4	
94 n-Butyl acetate	43	6.434	6.434	0.000	99	65608	20.0	15.0	
95 2-Hexanone	43	6.500	6.500	0.000	95	162537	100.0	108.4	
* 96 Chlorobenzene-d5	117	6.764	6.764	0.000	87	452936	50.0	50.0	
97 Chlorobenzene	112	6.780	6.780	0.000	94	165018	20.0	20.6	
98 Ethylbenzene	106	6.862	6.862	0.000	99	77778	20.0	20.8	
99 1,1,1,2-Tetrachloroethane	133	6.895	6.895	0.000	95	50398	20.0	20.6	
100 m-Xylene & p-Xylene	106	7.076	7.076	0.000	96	92881	20.0	20.9	
101 o-Xylene	106	7.661	7.661	0.000	94	95703	20.0	21.1	
102 Bromoform	173	7.726	7.726	0.000	94	28896	20.0	20.2	
103 Styrene	104	7.751	7.751	0.000	94	163301	20.0	21.4	
104 n-Butyl acrylate	73	8.080	8.080	0.000	99	34168	20.0	18.4	
105 Isopropylbenzene	105	8.138	8.138	0.000	96	194932	20.0	21.4	
106 Amyl acetate (mixed isomers)	43	8.492	8.492	0.000	90	78340	20.0	20.2	
$ 107 4-Bromofluorobenzene	174	8.516	8.516	0.000	85	155105	50.0	50.3	
108 Bromobenzene	156	8.615	8.615	0.000	96	60575	20.0	21.5	
109 N-Propylbenzene	91	8.772	8.772	0.000	99	208101	20.0	21.3	
110 1,1,2,2-Tetrachloroethane	83	8.928	8.928	0.000	98	66262	20.0	22.1	
111 2-Chlorotoluene	91	8.944	8.944	0.000	96	172464	20.0	21.7	
112 4-Ethyltoluene	105	8.961	8.961	0.000	98	160893	20.0	21.4	
113 1,2,3-Trichloropropane	110	9.060	9.060	0.000	99	17022	20.0	21.2	
114 1,3,5-Trimethylbenzene	105	9.117	9.117	0.000	93	133497	20.0	21.0	
115 trans-1,4-Dichloro-2-butene	75	9.200	9.200	0.000	40	11923	20.0	13.0	
116 4-Chlorotoluene	91	9.208	9.208	0.000	98	159892	20.0	21.4	
117 tert-Butylbenzene	119	9.578	9.578	0.000	93	106627	20.0	20.4	
119 1,2,4-Trimethylbenzene	105	9.710	9.710	0.000	98	130868	20.0	20.5	
118 Butyl Methacrylate	87	9.726	9.726	0.000	91	56188	20.0	20.2	
120 sec-Butylbenzene	105	9.866	9.866	0.000	99	146107	20.0	20.0	
121 1,3-Dichlorobenzene	146	10.121	10.121	0.000	95	88287	20.0	21.0	
122 4-Isopropyltoluene	119	10.146	10.146	0.000	98	112939	20.0	19.5	
* 123 1,4-Dichlorobenzene-d4	152	10.261	10.261	0.000	97	167562	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.286	10.286	0.000	93	90245	20.0	20.1	
125 1,2,3-Trimethylbenzene	105	10.385	10.385	0.000	98	146327	20.0	20.8	
126 2,3-Dihydroindene	117	10.557	10.557	0.000	95	168625	20.0	21.7	
128 Benzyl chloride	126	10.738	10.738	0.000	97	10259	20.0	13.1	
127 p-Diethylbenzene	119	10.755	10.755	0.000	93	53638	20.0	20.2	
129 n-Butylbenzene	92	10.837	10.837	0.000	98	49539	20.0	19.2	
130 1,2-Dichlorobenzene	146	10.952	10.952	0.000	95	91010	20.0	22.0	
131 1,2,4,5-Tetramethylbenzene	119	11.825	11.825	0.000	97	125353	20.0	22.6	
132 1,2-Dibromo-3-Chloropropane	157	11.948	11.948	0.000	96	9765	20.0	19.4	
133 1,3,5-Trichlorobenzene	180	11.981	11.981	0.000	96	43299	20.0	20.5	
134 1,2,4-Trichlorobenzene	180	12.500	12.500	0.000	94	39627	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.508	12.508	0.000	90	18935	20.0	21.4	
136 Naphthalene	128	12.722	12.722	0.000	99	108395	20.0	21.4	
137 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	93	36034	20.0	21.2	
S 138 1,2-Dichloroethene, Total	100				0		40.0	41.7	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.3	
S 140 Xylenes, Total	100				0		40.0	42.0	
S 141 Total BTEX	1				0		100.0	104.2	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00121	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00134	Amount Added:	20.00	Units: uL	
GASES Li_00413	Amount Added:	20.00	Units: uL	
524freon_00034	Amount Added:	20.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Apr-2021 11:56:44 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23355.D

Injection Date: 30-Mar-2021 12:54:30 Instrument ID: CVOAMS5 Operator ID:

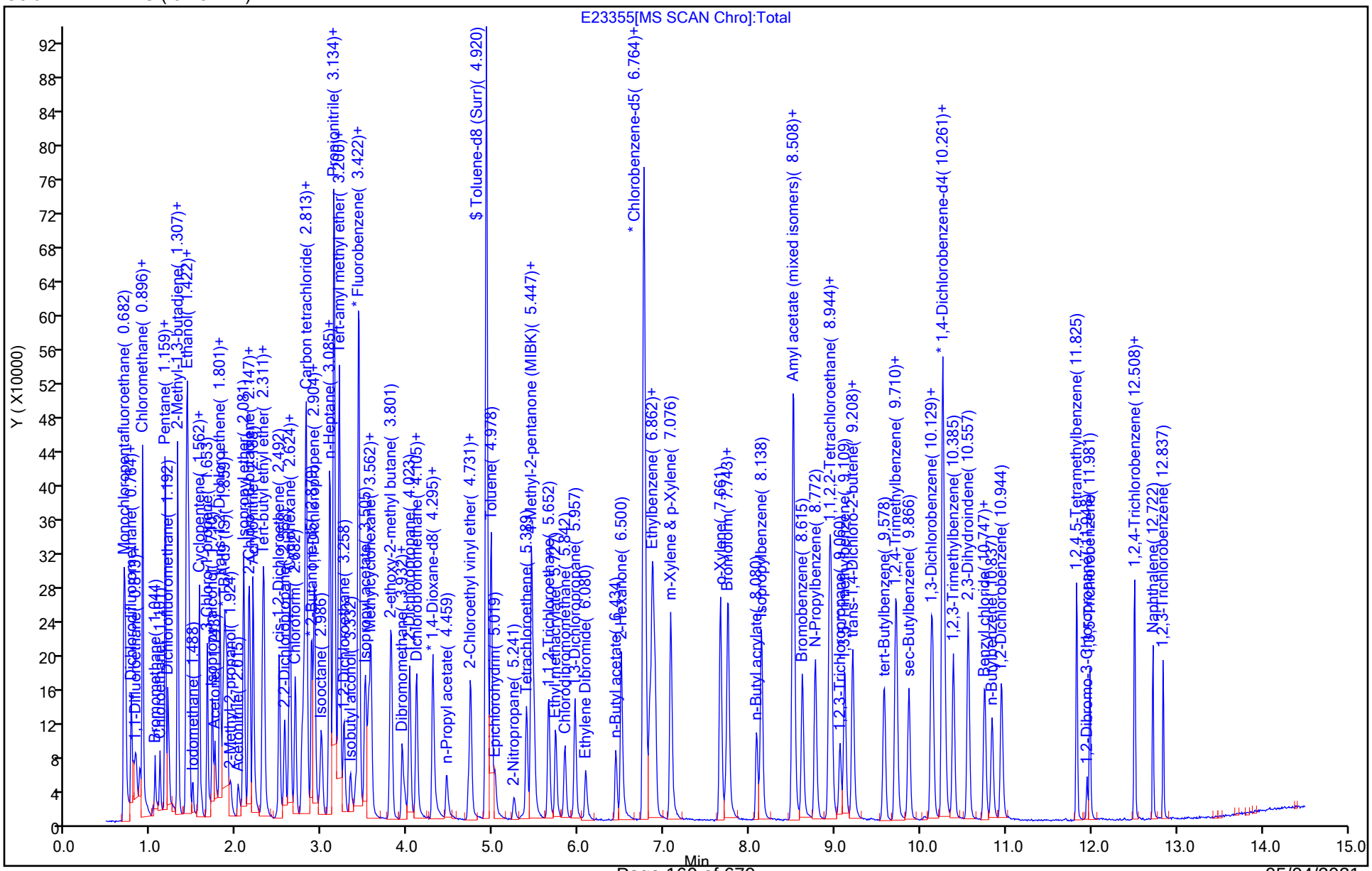
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

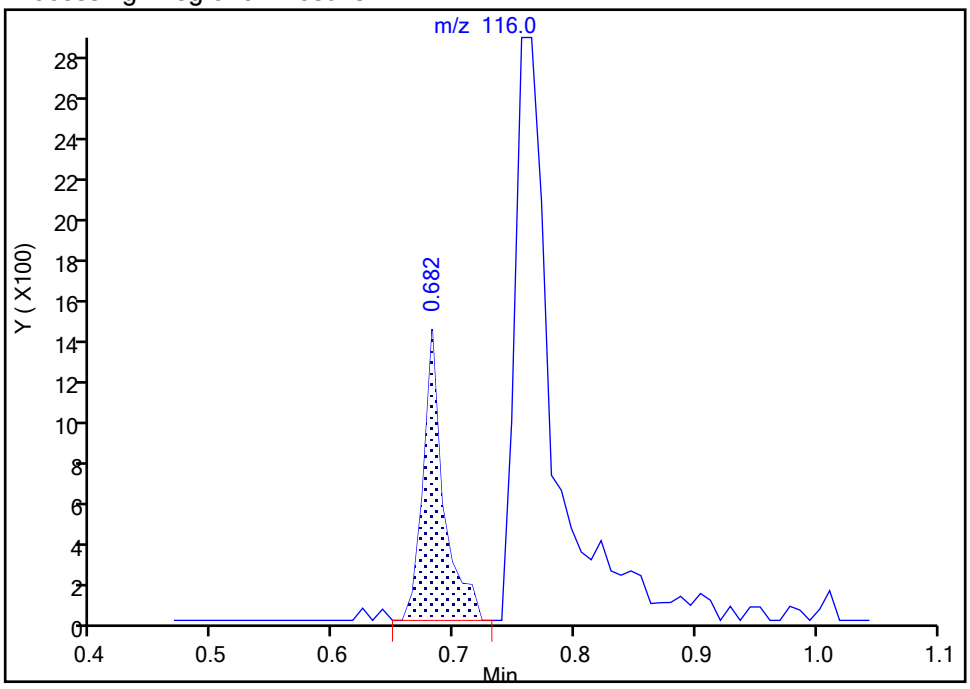
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23355.D
Injection Date: 30-Mar-2021 12:54:30 Instrument ID: CVOAMS5
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

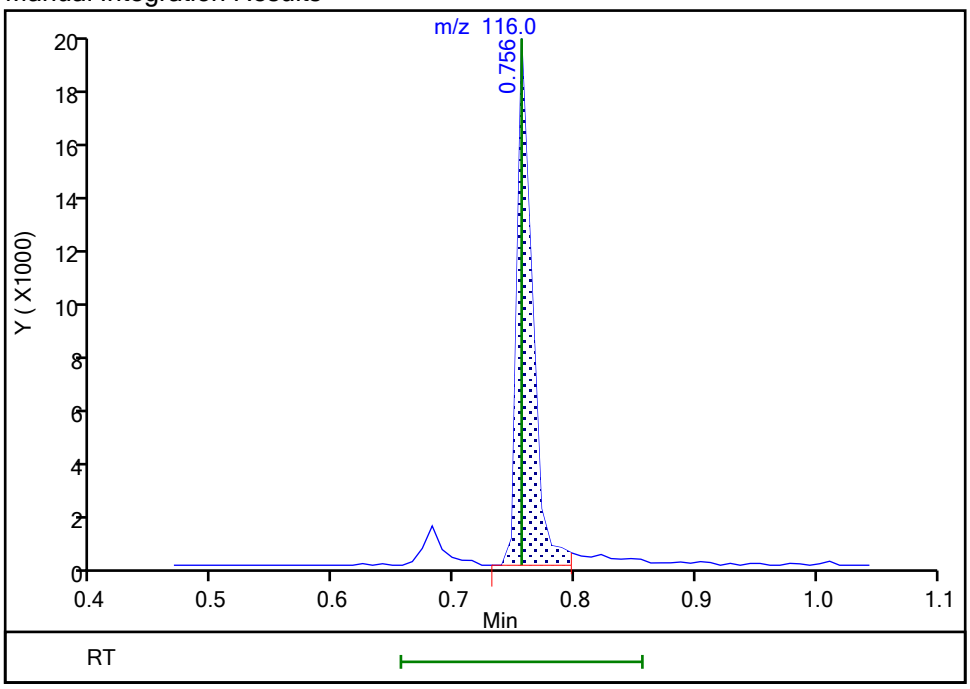
Processing Integration Results

RT: 0.68
Area: 1678
Amount: 2.035611
Amount Units: ug/l



Manual Integration Results

RT: 0.76
Area: 17095
Amount: 17.941899
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:42:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

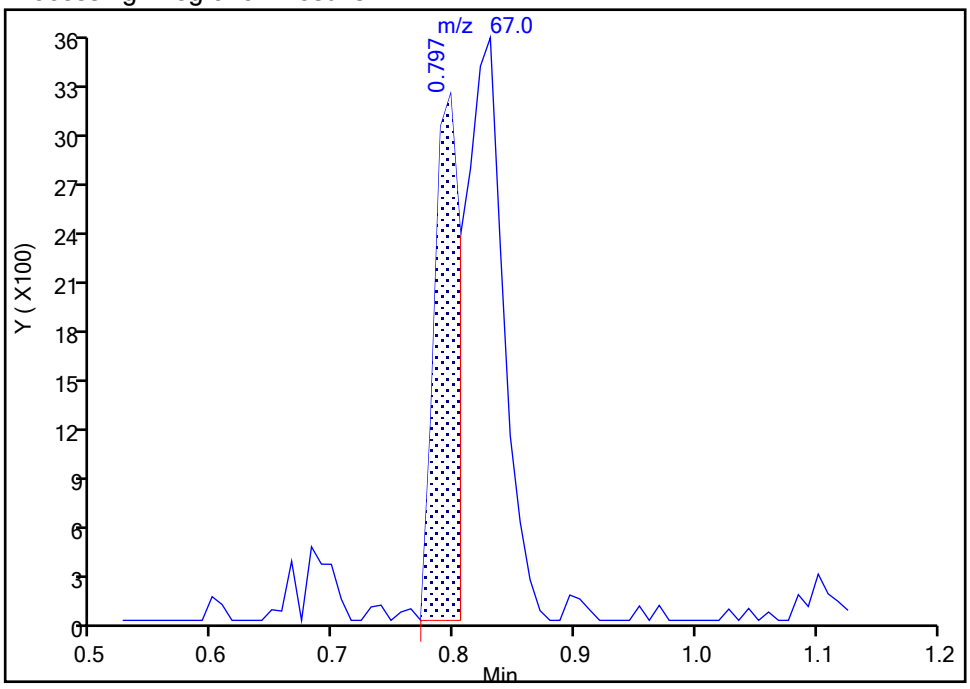
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23355.D
Injection Date: 30-Mar-2021 12:54:30 Instrument ID: CVOAMS5
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

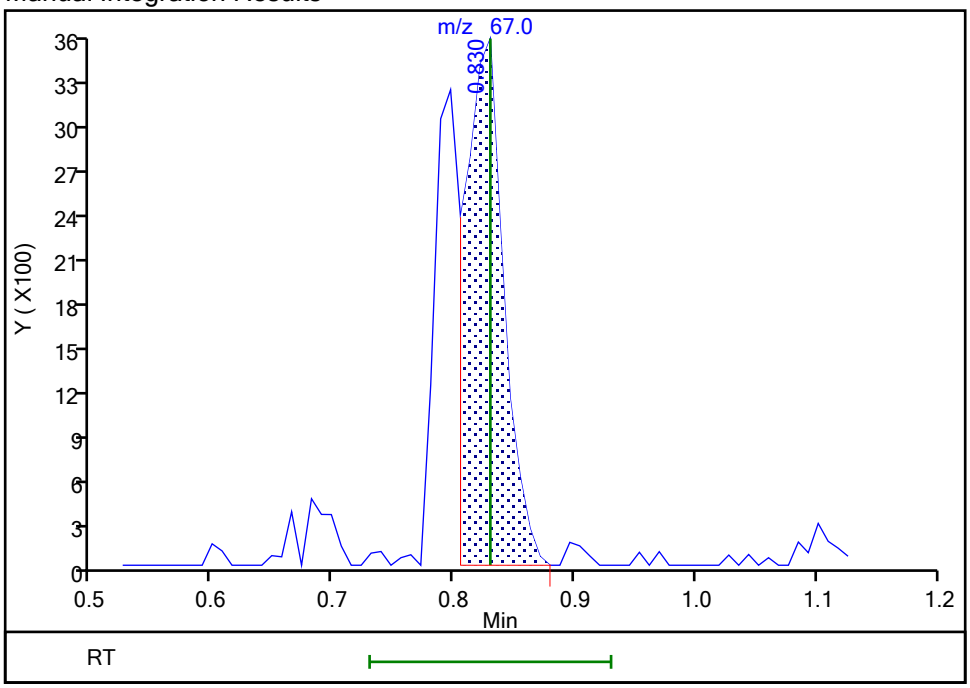
Processing Integration Results

RT: 0.80
Area: 4848
Amount: 11.951887
Amount Units: ug/l



Manual Integration Results

RT: 0.83
Area: 8100
Amount: 21.774163
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:43:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

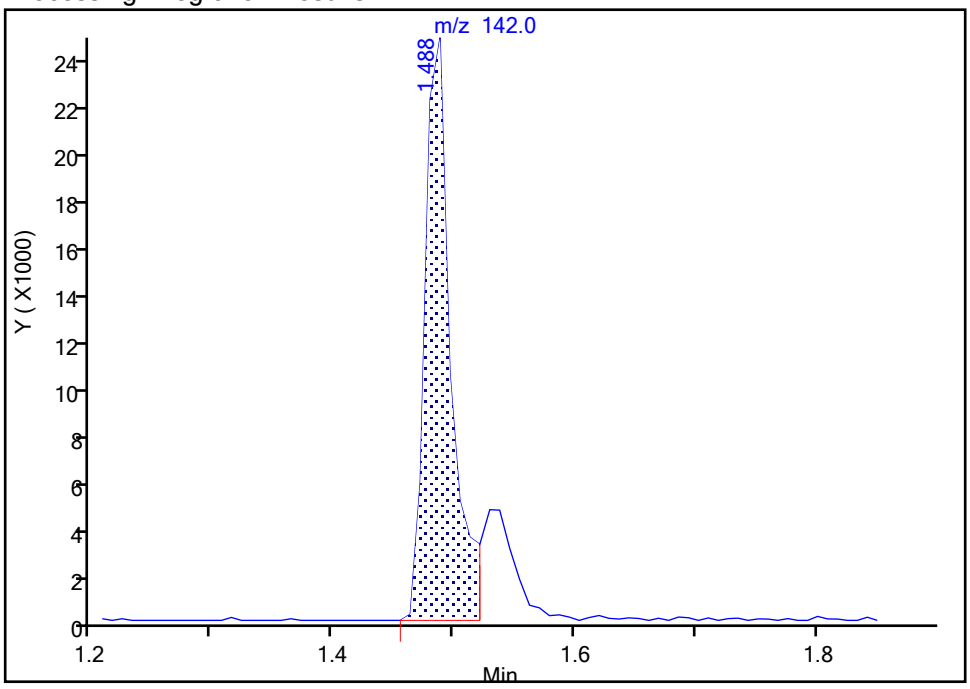
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23355.D
Injection Date: 30-Mar-2021 12:54:30 Instrument ID: CVOAMS5
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

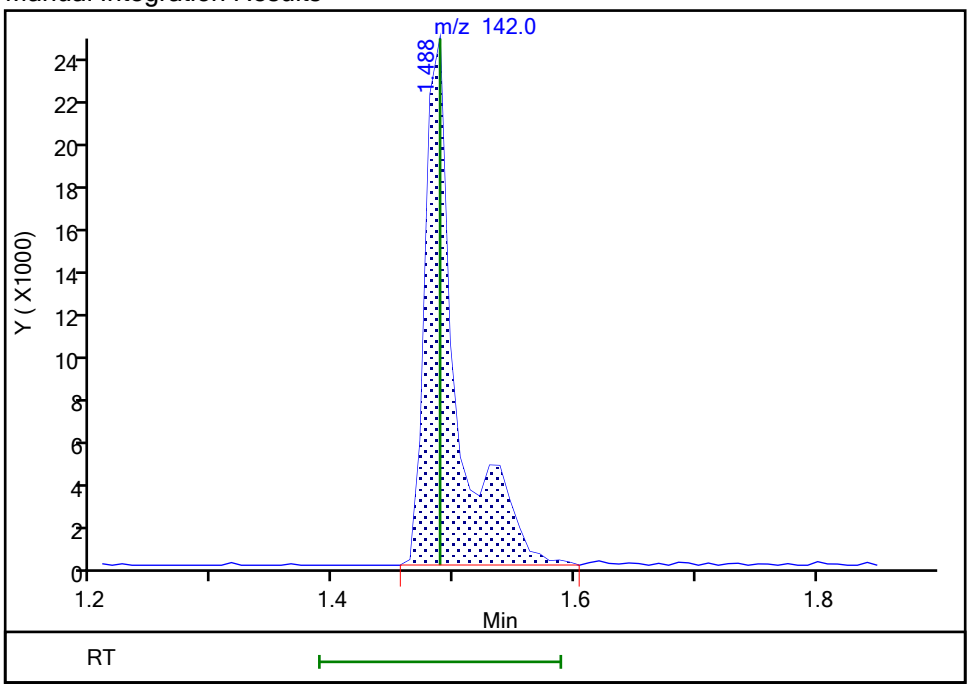
Processing Integration Results

RT: 1.49
Area: 36368
Amount: 18.529833
Amount Units: ug/l



Manual Integration Results

RT: 1.49
Area: 43953
Amount: 19.386559
Amount Units: ug/l



Reviewer: baronm, 30-Mar-2021 17:14:00
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

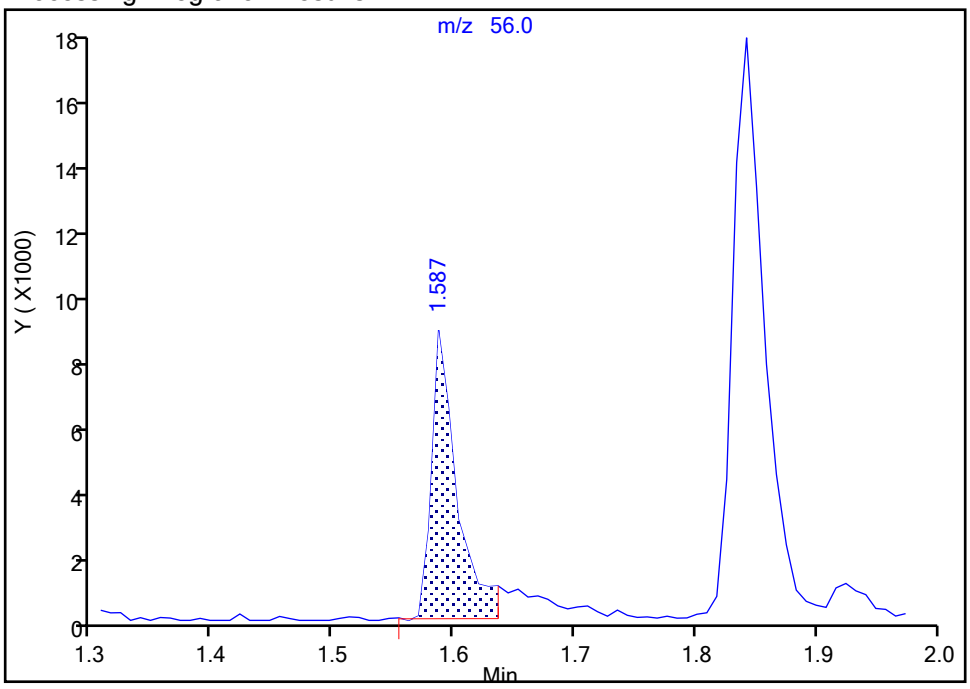
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23355.D
Injection Date: 30-Mar-2021 12:54:30 Instrument ID: CVOAMS5
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

24 Acrolein, CAS: 107-02-8

Signal: 1

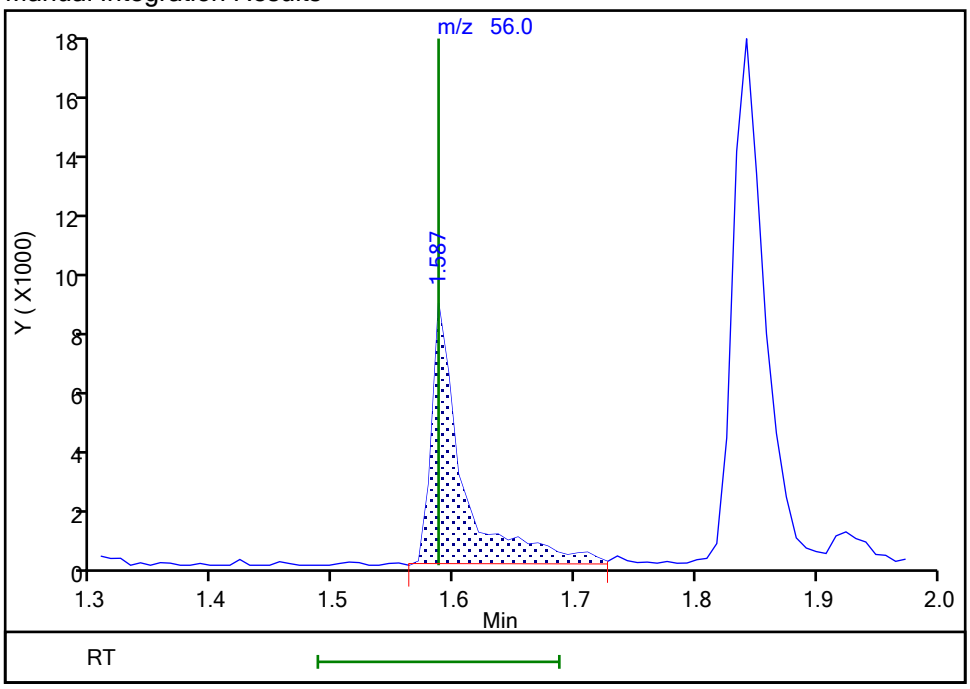
Processing Integration Results

RT: 1.59
Area: 12770
Amount: 36.918114
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 15383
Amount: 47.521962
Amount Units: ug/l



Reviewer: baronm, 30-Mar-2021 17:14:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23356.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 30-Mar-2021 13:20:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0126234-007
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Apr-2021 11:57:09 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: baronm Date: 30-Mar-2021 17:16:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.707	0.706	0.001	92	10275	50.0	28.2	Ma
2 Chlorotrifluoroethene	116	0.756	0.756	0.000	87	45547	50.0	46.8	
3 Dichlorodifluoromethane	85	0.764	0.764	0.000	99	213462	50.0	51.7	
4 1,1-Difluoroethane	65	0.814	0.813	0.001	97	60814	50.0	53.2	
5 Chlorodifluoromethane	67	0.822	0.830	-0.008	95	20144	50.0	53.2	
8 Butadiene	54	0.896	0.896	0.000	92	199144	50.0	50.3	
7 Vinyl chloride	62	0.896	0.896	0.000	98	224297	50.0	52.9	
6 Chloromethane	50	0.896	0.896	0.000	97	291535	50.0	50.0	
9 Bromomethane	94	1.044	1.044	0.000	97	92346	50.0	50.9	
10 Chloroethane	64	1.102	1.101	0.001	99	103802	50.0	46.6	
12 Pentane	72	1.159	1.159	0.000	97	34854	100.0	93.4	
11 Trichlorofluoromethane	101	1.159	1.167	-0.008	98	214895	50.0	53.5	
13 Dichlorofluoromethane	67	1.192	1.192	0.000	99	231365	50.0	54.1	
14 2-Methyl-1,3-butadiene	67	1.307	1.307	0.000	96	224542	50.0	51.1	
15 Ethyl ether	59	1.316	1.315	0.001	95	125717	50.0	51.0	
16 Ethanol	45	1.398	1.398	0.000	28	57208	2000.0	2046.8	a
17 1,1-Dichloroethene	96	1.406	1.414	-0.008	96	131853	50.0	50.5	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.406	1.414	-0.008	86	208436	50.0	54.8	
19 Carbon disulfide	76	1.423	1.422	0.001	99	503635	50.0	49.0	
20 112TCTFE	101	1.431	1.431	0.000	92	109708	50.0	50.3	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.439	1.439	0.000	93	206850	50.0	50.7	
22 Iodomethane	142	1.480	1.488	-0.008	97	117868	50.0	49.0	M
23 Cyclopentene	67	1.562	1.562	0.000	96	362723	50.0	52.6	
24 Acrolein	56	1.587	1.587	0.000	93	34449	100.0	100.5	
25 3-Chloro-1-propene	76	1.653	1.653	0.000	95	90416	50.0	53.5	
26 Isopropyl alcohol	45	1.686	1.686	0.000	98	54005	500.0	518.1	
27 Methylene Chloride	84	1.711	1.710	0.001	95	169914	50.0	51.5	
28 Acetone	58	1.744	1.743	0.001	87	50557	250.0	246.7	
29 trans-1,2-Dichloroethene	96	1.801	1.801	0.000	95	159654	50.0	53.0	
30 Methyl acetate	74	1.809	1.817	-0.008	100	38739	100.0	94.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.842	1.842	0.000	91	20792	50.0	47.5	
32 Methyl tert-butyl ether	73	1.859	1.859	0.000	98	409273	50.0	52.1	
* 33 TBA-d9 (IS)	65	1.883	1.883	0.000	100	174298	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.925	1.924	0.001	100	89400	500.0	461.8	
35 Acetonitrile	41	2.015	2.015	0.000	99	122005	500.0	505.6	
36 Isopropyl ether	45	2.081	2.081	0.000	98	539588	50.0	52.2	
37 2-Chloro-1,3-butadiene	88	2.139	2.138	0.001	90	140724	50.0	52.6	
38 1,1-Dichloroethane	63	2.147	2.155	-0.008	99	312558	50.0	52.4	
39 Acrylonitrile	53	2.188	2.188	0.000	95	451272	500.0	469.0	
40 Tert-butyl ethyl ether	59	2.303	2.303	0.000	89	463916	50.0	53.3	
41 Vinyl acetate	86	2.320	2.319	0.001	100	50306	100.0	101.0	
42 cis-1,2-Dichloroethene	96	2.492	2.492	0.000	97	175938	50.0	52.0	
43 2,2-Dichloropropane	77	2.558	2.558	0.000	97	177566	50.0	45.1	
44 Cyclohexane	56	2.616	2.616	0.000	89	181223	50.0	50.7	
45 Chlorobromomethane	128	2.624	2.632	-0.008	95	79214	50.0	53.8	
46 Chloroform	83	2.682	2.682	0.000	99	276477	50.0	52.2	
47 Carbon tetrachloride	117	2.764	2.764	0.000	98	153249	50.0	51.8	
49 Ethyl acetate	70	2.780	2.789	-0.009	98	29111	100.0	98.9	
48 Methyl acrylate	55	2.780	2.789	-0.009	96	111492	50.0	48.9	
50 Tetrahydrofuran	42	2.789	2.797	-0.008	96	91489	100.0	102.2	
52 1,1,1-Trichloroethane	97	2.813	2.813	0.000	99	215858	50.0	52.7	
$ 51 Dibromofluoromethane (Surr)	113	2.805	2.813	-0.008	95	165070	50.0	50.1	
* 53 2-Butanone-d5	46	2.871	2.871	0.000	99	228672	250.0	250.0	
54 1,1-Dichloropropene	75	2.904	2.904	0.000	97	208936	50.0	45.4	
55 2-Butanone (MEK)	72	2.904	2.912	-0.008	99	76709	250.0	244.3	
56 Isooctane	57	2.986	2.986	0.000	100	276459	50.0	48.1	
57 n-Heptane	57	3.077	3.077	0.000	94	59769	50.0	44.5	
58 Benzene	78	3.093	3.093	0.000	96	675179	50.0	50.8	
59 Propionitrile	54	3.126	3.126	0.000	94	164922	500.0	496.2	
60 Methacrylonitrile	67	3.134	3.134	0.000	91	558129	500.0	475.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.200	3.200	0.000	94	194225	50.0	50.1	
62 Tert-amyl methyl ether	73	3.200	3.200	0.000	98	408764	50.0	52.8	
63 1,2-Dichloroethane	62	3.250	3.258	-0.008	97	196526	50.0	48.6	
64 Isobutyl alcohol	43	3.324	3.332	-0.008	96	89919	1250.0	1216.9	
65 t-Amyl alcohol	59	3.389	3.389	0.000	99	69946	500.0	530.9	
* 66 Fluorobenzene	96	3.422	3.430	-0.008	99	512608	50.0	50.0	
67 Isopropyl acetate	43	3.496	3.496	0.000	99	220357	50.0	51.1	
68 Methylcyclohexane	83	3.546	3.546	0.000	96	142393	50.0	49.9	
69 Trichloroethene	95	3.571	3.570	0.000	99	150905	50.0	49.3	
70 2-ethoxy-2-methyl butane	59	3.801	3.801	0.000	98	352779	50.0	52.9	
71 Dibromomethane	93	3.933	3.932	0.001	96	92150	50.0	51.0	
72 n-Butanol	56	3.957	3.974	-0.017	88	55817	1250.0	1000.3	
73 1,2-Dichloropropane	63	4.023	4.023	0.000	93	176858	50.0	52.2	
74 Dichlorobromomethane	83	4.097	4.097	0.000	99	210044	50.0	51.0	
75 Ethyl acrylate	55	4.097	4.105	-0.008	74	157705	50.0	49.3	
* 76 1,4-Dioxane-d8	96	4.286	4.286	0.000	37	23145	1000.0	1000.0	
77 Methyl methacrylate	100	4.295	4.295	0.000	90	70381	100.0	107.8	
78 1,4-Dioxane	88	4.311	4.311	0.000	92	24834	1000.0	951.1	
79 n-Propyl acetate	43	4.451	4.459	-0.008	98	162278	50.0	50.8	
80 2-Chloroethyl vinyl ether	63	4.706	4.706	0.000	97	64144	50.1	51.0	
81 cis-1,3-Dichloropropene	75	4.731	4.731	0.000	91	262812	50.0	50.3	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	100	663794	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.970	4.978	-0.008	93	653417	50.0	50.5	
84 Epichlorohydrin	57	5.019	5.019	0.000	99	137922	1000.0	851.9	
85 2-Nitropropane	41	5.241	5.241	0.000	98	47985	100.0	88.8	
86 Tetrachloroethene	166	5.389	5.389	0.000	96	107167	50.0	48.7	
87 4-Methyl-2-pentanone (MIBK)	43	5.447	5.447	0.000	96	587881	250.0	261.1	
88 trans-1,3-Dichloropropene	75	5.472	5.480	-0.008	95	196179	50.0	51.5	
89 1,1,2-Trichloroethane	83	5.644	5.644	0.000	96	114279	50.0	52.2	
90 Ethyl methacrylate	69	5.727	5.727	0.000	89	183050	50.0	50.0	
91 Chlorodibromomethane	129	5.834	5.842	-0.008	98	134803	50.0	53.6	
92 1,3-Dichloropropane	76	5.957	5.957	0.000	93	243484	50.0	51.4	
93 Ethylene Dibromide	107	6.081	6.080	0.001	98	126063	50.0	51.7	
94 n-Butyl acetate	43	6.434	6.434	0.000	99	180066	50.0	41.7	
95 2-Hexanone	43	6.492	6.500	-0.008	95	406841	250.0	265.5	
* 96 Chlorobenzene-d5	117	6.764	6.764	0.000	87	449566	50.0	50.0	
97 Chlorobenzene	112	6.780	6.780	0.000	95	401034	50.0	50.6	
98 Ethylbenzene	106	6.862	6.862	0.000	99	189946	50.0	51.3	
99 1,1,1,2-Tetrachloroethane	133	6.895	6.895	0.000	96	127412	50.0	52.5	
100 m-Xylene & p-Xylene	106	7.076	7.076	0.000	97	235564	50.0	53.4	
101 o-Xylene	106	7.652	7.661	-0.009	95	242846	50.0	54.0	
102 Bromoform	173	7.727	7.726	0.000	94	73602	50.0	47.5	
103 Styrene	104	7.743	7.751	-0.008	95	420008	50.0	55.5	
104 n-Butyl acrylate	73	8.080	8.080	0.000	98	99470	50.0	52.2	
105 Isopropylbenzene	105	8.138	8.138	0.000	96	481508	50.0	53.3	
106 Amyl acetate (mixed isomers)	43	8.492	8.492	0.000	91	216915	50.0	51.2	
$ 107 4-Bromofluorobenzene	174	8.517	8.516	0.001	85	152968	50.0	49.9	
108 Bromobenzene	156	8.615	8.615	0.000	97	152642	50.0	50.9	
109 N-Propylbenzene	91	8.763	8.772	-0.009	99	527152	50.0	50.6	
110 1,1,2,2-Tetrachloroethane	83	8.928	8.928	0.000	97	158878	50.0	49.7	
111 2-Chlorotoluene	91	8.936	8.944	-0.008	96	432115	50.0	51.1	
112 4-Ethyltoluene	105	8.961	8.961	0.000	98	422165	50.0	52.7	
113 1,2,3-Trichloropropane	110	9.060	9.060	0.000	98	40833	50.0	47.8	
114 1,3,5-Trimethylbenzene	105	9.109	9.117	-0.008	93	349086	50.0	51.5	
115 trans-1,4-Dichloro-2-butene	75	9.191	9.200	-0.009	89	39575	50.0	39.9	
116 4-Chlorotoluene	91	9.208	9.208	0.000	98	403603	50.0	50.8	
117 tert-Butylbenzene	119	9.570	9.578	-0.008	94	273195	50.0	49.1	
119 1,2,4-Trimethylbenzene	105	9.702	9.710	-0.008	98	343418	50.0	50.5	
118 Butyl Methacrylate	87	9.718	9.726	-0.008	91	161599	50.0	52.6	
120 sec-Butylbenzene	105	9.866	9.866	0.000	99	382208	50.0	49.2	
121 1,3-Dichlorobenzene	146	10.121	10.121	0.000	95	231368	50.0	51.8	
122 4-Isopropyltoluene	119	10.146	10.146	0.000	98	317070	50.0	51.5	
* 123 1,4-Dichlorobenzene-d4	152	10.261	10.261	0.000	96	178287	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.278	10.286	-0.008	93	234646	50.0	49.2	
125 1,2,3-Trimethylbenzene	105	10.385	10.385	0.000	98	370766	50.0	49.5	
126 2,3-Dihydroindene	117	10.558	10.557	0.001	94	424155	50.0	51.3	
128 Benzyl chloride	126	10.739	10.738	0.001	97	33078	50.0	39.2	
127 p-Diethylbenzene	119	10.755	10.755	0.000	95	143603	50.0	50.9	
129 n-Butylbenzene	92	10.837	10.837	0.000	98	139409	50.0	50.7	
130 1,2-Dichlorobenzene	146	10.944	10.952	-0.008	95	221859	50.0	50.5	
131 1,2,4,5-Tetramethylbenzene	119	11.825	11.825	0.000	97	301387	50.0	51.1	
132 1,2-Dibromo-3-Chloropropane	157	11.948	11.948	0.000	97	26208	50.0	49.1	
133 1,3,5-Trichlorobenzene	180	11.981	11.981	0.000	96	110168	50.0	49.1	
134 1,2,4-Trichlorobenzene	180	12.500	12.500	0.000	93	100128	50.0	48.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.508	12.508	0.000	93	46774	50.0	50.7	
136 Naphthalene	128	12.722	12.722	0.000	99	267246	50.0	49.7	
137 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	95	91130	50.0	50.4	
S 138 1,2-Dichloroethene, Total	100				0		100.0	105.0	
S 139 1,3-Dichloropropene, Total	100				0		100.0	101.9	
S 140 Xylenes, Total	100				0		100.0	107.3	
S 141 Total BTEX	1				0		250.0	259.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00121	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00134	Amount Added:	50.00	Units: uL	
GASES Li_00413	Amount Added:	50.00	Units: uL	
524freon_00034	Amount Added:	50.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Apr-2021 11:57:11 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23356.D

Injection Date: 30-Mar-2021 13:20:30 Instrument ID: CVOAMS5 Operator ID:

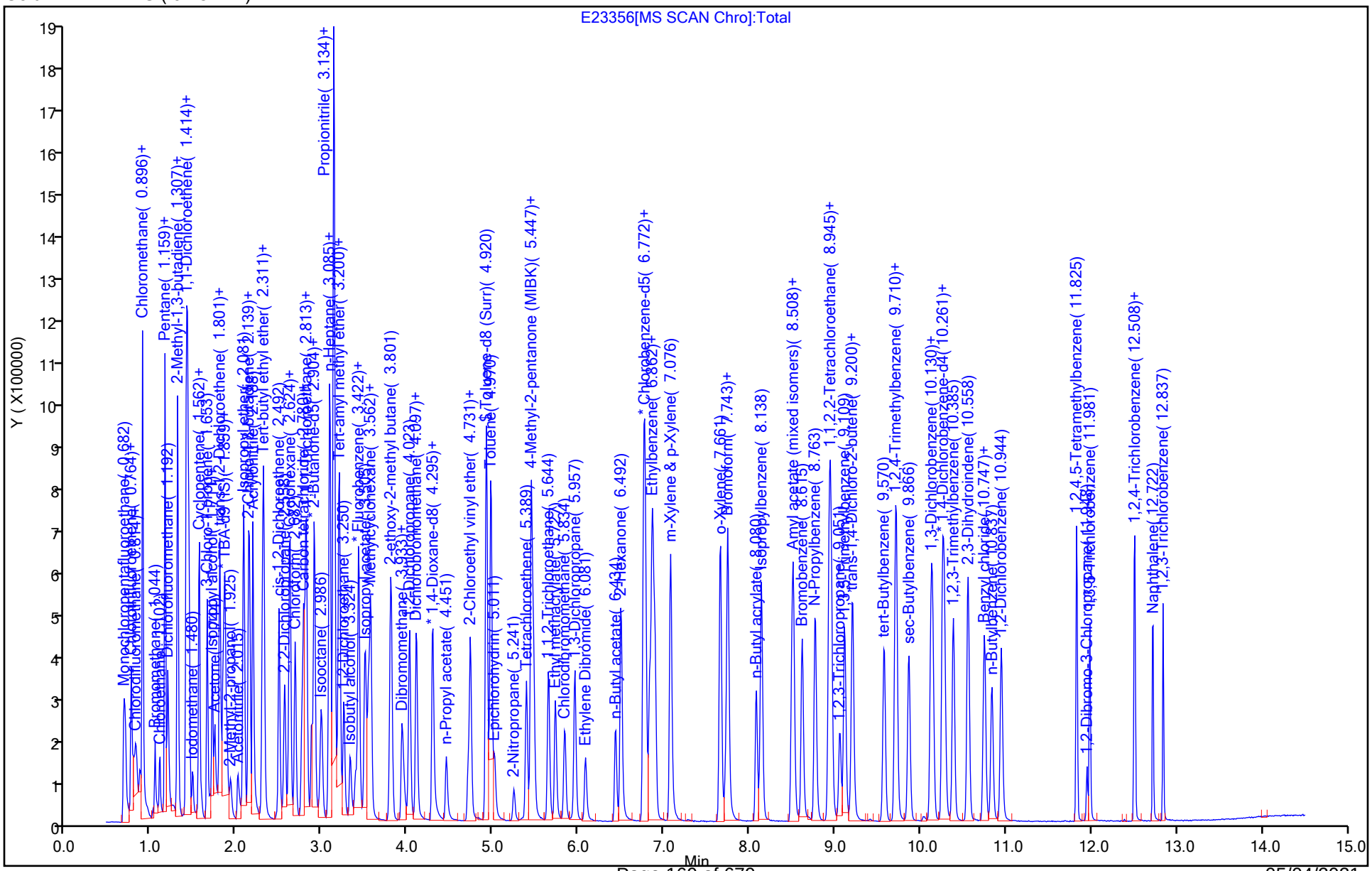
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

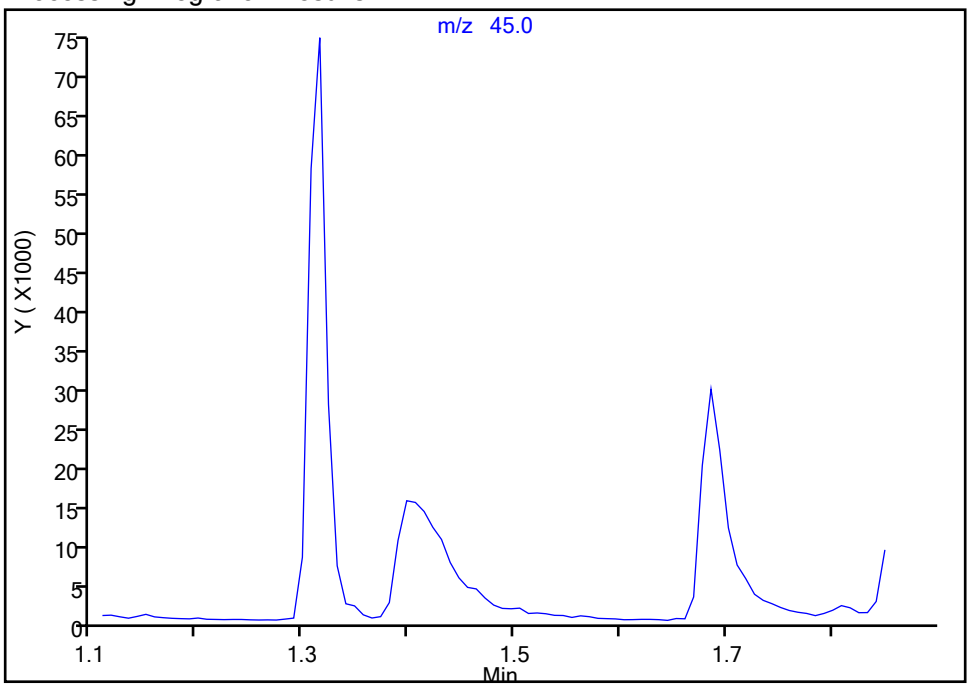
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23356.D
Injection Date: 30-Mar-2021 13:20:30 Instrument ID: CVOAMS5
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

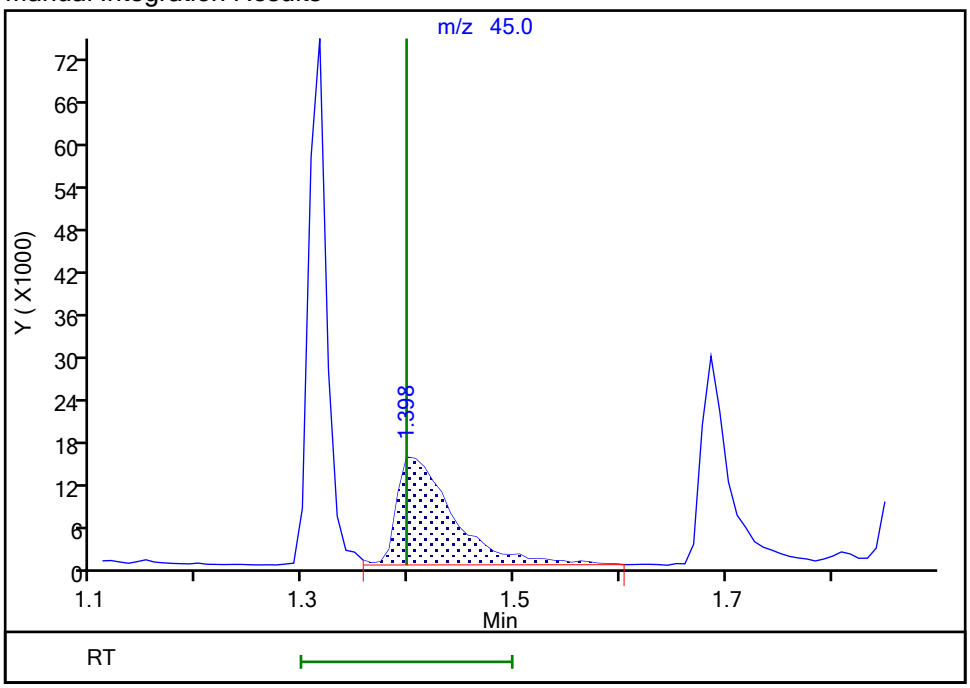
Not Detected
Expected RT: 1.40

Processing Integration Results



Manual Integration Results

RT: 1.40
Area: 57208
Amount: 2046.8072
Amount Units: ug/l



Reviewer: baronm, 30-Mar-2021 17:15:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

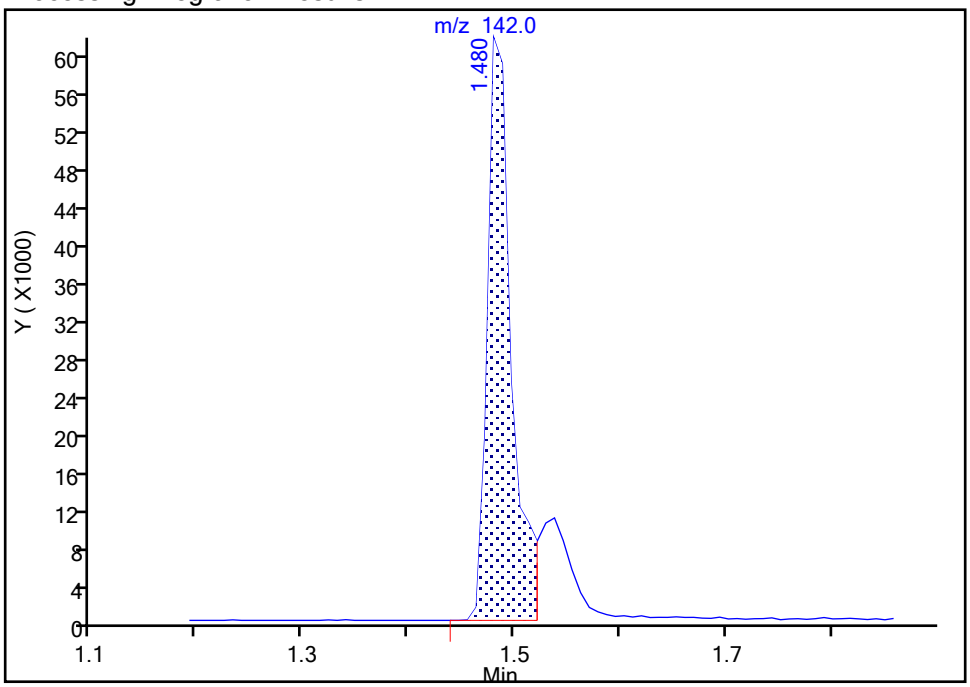
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23356.D
Injection Date: 30-Mar-2021 13:20:30 Instrument ID: CVOAMS5
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

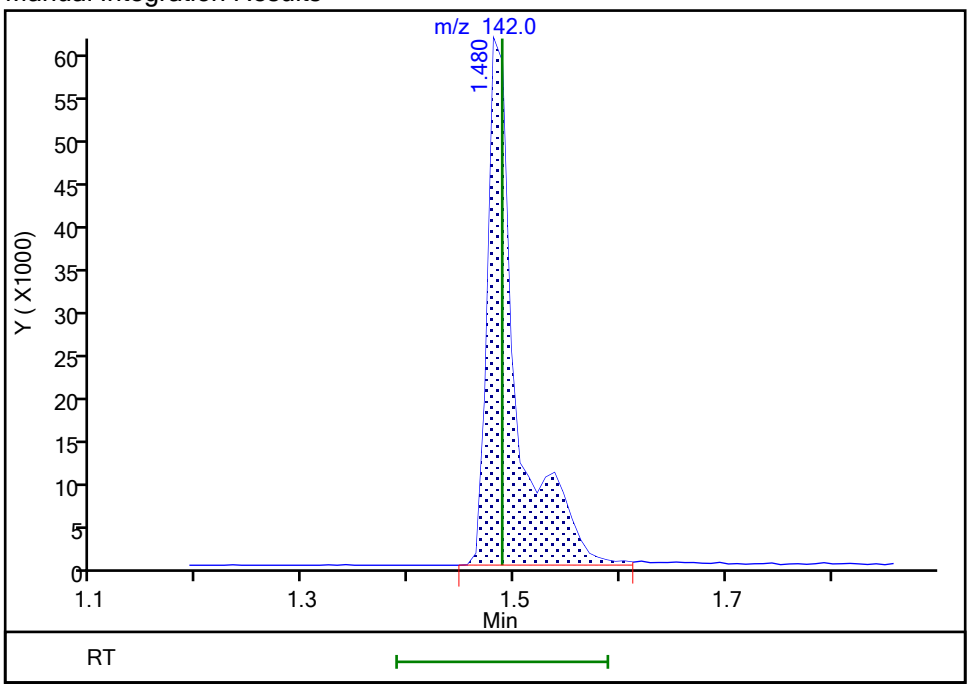
Processing Integration Results

RT: 1.48
Area: 97405
Amount: 45.025618
Amount Units: ug/l



Manual Integration Results

RT: 1.48
Area: 117868
Amount: 49.016669
Amount Units: ug/l



Reviewer: baronm, 30-Mar-2021 17:15:56
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23357.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 30-Mar-2021 13:46:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0126234-008
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Apr-2021 11:57:36 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: baronm Date: 01-Apr-2021 10:47:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.707	0.706	0.001	92	38471	200.0	99.8	Ma
2 Chlorotrifluoroethene	116	0.756	0.756	0.000	88	242548	200.0	241.6	
3 Dichlorodifluoromethane	85	0.764	0.764	0.000	99	925455	200.0	211.8	
4 1,1-Difluoroethane	65	0.814	0.813	0.001	97	270395	200.0	223.2	
5 Chlorodifluoromethane	67	0.822	0.830	-0.008	96	87875	200.0	219.3	
8 Butadiene	54	0.896	0.896	0.000	92	891315	200.0	212.4	
7 Vinyl chloride	62	0.896	0.896	0.000	98	944026	200.0	210.1	
6 Chloromethane	50	0.896	0.896	0.000	98	1290419	200.0	208.9	
9 Bromomethane	94	1.044	1.044	0.000	98	441295	200.0	229.5	
10 Chloroethane	64	1.102	1.101	0.001	99	466005	200.0	203.1	
12 Pentane	72	1.159	1.159	0.000	97	149375	400.0	388.4	
11 Trichlorofluoromethane	101	1.159	1.167	-0.008	97	877766	200.0	206.3	
13 Dichlorofluoromethane	67	1.192	1.192	0.000	99	953097	200.0	210.6	
14 2-Methyl-1,3-butadiene	67	1.307	1.307	0.000	95	972280	200.0	208.8	
15 Ethyl ether	59	1.316	1.315	0.001	94	539628	200.0	206.8	
16 Ethanol	45	1.398	1.398	0.000	98	225571	8000.0	7939.6	
17 1,1-Dichloroethene	96	1.406	1.414	-0.008	98	561704	200.0	203.2	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.406	1.414	-0.008	86	886946	200.0	220.3	
19 Carbon disulfide	76	1.423	1.422	0.000	100	2174105	200.0	199.8	M
20 112TCTFE	101	1.431	1.431	0.000	91	471141	200.0	203.9	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.439	1.439	0.000	95	906914	200.0	210.1	
22 Iodomethane	142	1.480	1.488	-0.008	97	685260	200.0	227.3	
23 Cyclopentene	67	1.562	1.562	0.000	96	1466986	200.0	200.8	
24 Acrolein	56	1.587	1.587	0.000	94	68278	200.0	181.4	
25 3-Chloro-1-propene	76	1.653	1.653	0.000	95	394483	200.0	220.4	
26 Isopropyl alcohol	45	1.678	1.686	-0.008	98	248184	2000.0	2168.0	
27 Methylene Chloride	84	1.711	1.710	0.001	93	712298	200.0	203.9	
28 Acetone	58	1.743	1.743	0.000	87	208095	1000.0	985.2	
29 trans-1,2-Dichloroethene	96	1.801	1.801	0.000	97	647344	200.0	203.0	
30 Methyl acetate	74	1.809	1.817	-0.008	99	163262	400.0	384.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.842	1.842	0.000	88	94287	200.0	196.2	
32 Methyl tert-butyl ether	73	1.859	1.859	0.000	93	1730457	200.0	208.0	
* 33 TBA-d9 (IS)	65	1.883	1.883	0.000	100	191436	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.925	1.924	0.001	100	421639	2000.0	1983.2	
35 Acetonitrile	41	2.007	2.015	-0.008	99	517091	2000.0	1999.1	
36 Isopropyl ether	45	2.081	2.081	0.000	97	2290422	200.0	209.1	
37 2-Chloro-1,3-butadiene	88	2.138	2.138	0.000	90	595753	200.0	210.4	
38 1,1-Dichloroethane	63	2.155	2.155	0.000	100	1278635	200.0	202.6	
39 Acrylonitrile	53	2.188	2.188	0.000	94	2011827	2000.0	2012.0	
40 Tert-butyl ethyl ether	59	2.303	2.303	0.000	89	2022772	200.0	219.6	
41 Vinyl acetate	86	2.320	2.319	0.001	100	240808	400.0	436.4	
42 cis-1,2-Dichloroethene	96	2.492	2.492	0.000	96	715634	200.0	199.7	
43 2,2-Dichloropropane	77	2.558	2.558	0.000	97	860593	200.0	202.5	
44 Cyclohexane	56	2.616	2.616	0.000	89	798911	200.0	211.2	
45 Chlorobromomethane	128	2.624	2.632	-0.008	96	335875	200.0	215.4	
46 Chloroform	83	2.682	2.682	0.000	99	1168332	200.0	208.3	
47 Carbon tetrachloride	117	2.764	2.764	0.000	99	695504	200.0	221.9	
49 Ethyl acetate	70	2.780	2.789	-0.009	99	123708	400.0	407.7	
48 Methyl acrylate	55	2.780	2.789	-0.009	85	489926	200.0	201.6	
50 Tetrahydrofuran	42	2.789	2.797	-0.008	96	397531	400.0	430.8	
52 1,1,1-Trichloroethane	97	2.813	2.813	0.000	99	928190	200.0	214.1	
$ 51 Dibromofluoromethane (Surr)	113	2.813	2.813	0.000	96	171459	50.0	49.1	
* 53 2-Butanone-d5	46	2.871	2.871	0.000	96	235716	250.0	250.0	
54 1,1-Dichloropropene	75	2.904	2.904	0.000	91	893303	200.0	183.2	
55 2-Butanone (MEK)	72	2.904	2.912	-0.008	98	334719	1000.0	1034.0	
56 Isooctane	57	2.986	2.986	0.000	100	1244732	200.0	204.7	
57 n-Heptane	57	3.077	3.077	0.000	90	273099	200.0	192.2	
58 Benzene	78	3.093	3.093	0.000	95	2878172	200.0	206.3	
59 Propionitrile	54	3.126	3.126	0.000	99	683317	2000.0	2001.7	
60 Methacrylonitrile	67	3.143	3.134	0.008	90	2459697	2000.0	2009.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.200	3.200	0.000	96	199505	50.0	48.6	
62 Tert-amyl methyl ether	73	3.200	3.200	0.000	99	1761231	200.0	214.7	
63 1,2-Dichloroethane	62	3.250	3.258	-0.008	97	862952	200.0	201.5	
64 Isobutyl alcohol	43	3.324	3.332	-0.008	95	498820	5000.0	6146.6	
65 t-Amyl alcohol	59	3.389	3.389	0.000	98	339124	2000.0	2343.7	
* 66 Fluorobenzene	96	3.422	3.430	-0.008	99	542816	50.0	50.0	
67 Isopropyl acetate	43	3.496	3.496	0.000	99	1063384	200.0	232.8	
68 Methylcyclohexane	83	3.546	3.546	0.000	97	652604	200.0	216.0	
69 Trichloroethene	95	3.570	3.570	0.000	99	664439	200.0	205.0	
70 2-ethoxy-2-methyl butane	59	3.801	3.801	0.000	99	1594979	200.0	225.8	
71 Dibromomethane	93	3.933	3.932	0.001	96	396342	200.0	207.2	
72 n-Butanol	56	3.941	3.974	-0.033	87	312311	5000.0	5121.7	
73 1,2-Dichloropropane	63	4.023	4.023	0.000	93	795272	200.0	221.7	
74 Dichlorobromomethane	83	4.097	4.097	0.000	99	919113	200.0	210.9	
75 Ethyl acrylate	55	4.097	4.105	-0.008	98	746416	200.0	213.1	
* 76 1,4-Dioxane-d8	96	4.286	4.286	0.000	50	23520	1000.0	1000.0	
77 Methyl methacrylate	100	4.295	4.295	0.000	89	316138	400.0	457.4	
78 1,4-Dioxane	88	4.311	4.311	0.000	94	116467	4000.0	4389.4	
79 n-Propyl acetate	43	4.451	4.459	-0.008	98	773057	200.0	218.5	
80 2-Chloroethyl vinyl ether	63	4.706	4.706	0.000	97	304780	200.5	211.4	
81 cis-1,3-Dichloropropene	75	4.731	4.731	0.000	92	1219314	200.0	215.6	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	99	703999	50.0	50.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.978	4.978	0.000	93	2803920	200.0	206.2	
84 Epichlorohydrin	57	5.011	5.019	-0.008	99	693091	4000.0	4068.1	
85 2-Nitropropane	41	5.241	5.241	0.000	96	230087	400.0	405.6	
86 Tetrachloroethene	166	5.389	5.389	0.000	97	482923	200.0	209.0	
87 4-Methyl-2-pentanone (MIBK)	43	5.447	5.447	0.000	94	2606765	1000.0	1123.3	
88 trans-1,3-Dichloropropene	75	5.472	5.480	-0.008	97	983587	200.0	223.1	
89 1,1,2-Trichloroethane	83	5.644	5.644	0.000	96	493674	200.0	214.5	
90 Ethyl methacrylate	69	5.727	5.727	0.000	89	861506	200.0	216.5	
91 Chlorodibromomethane	129	5.834	5.842	-0.008	98	588814	200.0	222.7	
92 1,3-Dichloropropane	76	5.957	5.957	0.000	93	1063515	200.0	213.8	
93 Ethylene Dibromide	107	6.081	6.080	0.001	98	570401	200.0	222.6	
94 n-Butyl acetate	43	6.426	6.434	-0.008	99	901962	200.0	204.3	
95 2-Hexanone	43	6.492	6.500	-0.008	94	1810042	1000.0	1146.0	
* 96 Chlorobenzene-d5	117	6.764	6.764	0.000	86	472407	50.0	50.0	
97 Chlorobenzene	112	6.780	6.780	0.000	93	1697792	200.0	203.7	
98 Ethylbenzene	106	6.862	6.862	0.000	98	842072	200.0	216.3	
99 1,1,1,2-Tetrachloroethane	133	6.895	6.895	0.000	95	538959	200.0	211.3	
100 m-Xylene & p-Xylene	106	7.076	7.076	0.000	97	992298	200.0	213.9	
101 o-Xylene	106	7.661	7.661	0.000	94	1005912	200.0	212.8	
102 Bromoform	173	7.726	7.726	0.000	94	343825	200.0	202.8	
103 Styrene	104	7.743	7.751	-0.008	97	1844126	200.0	232.0	
104 n-Butyl acrylate	73	8.080	8.080	0.000	98	458069	200.0	216.1	
105 Isopropylbenzene	105	8.138	8.138	0.000	96	2070435	200.0	218.2	
106 Amyl acetate (mixed isomers)	43	8.492	8.492	0.000	91	1010786	200.0	213.0	
$ 107 4-Bromofluorobenzene	174	8.517	8.516	0.000	86	165073	50.0	51.3	
108 Bromobenzene	156	8.615	8.615	0.000	97	645984	200.0	201.6	
109 N-Propylbenzene	91	8.772	8.772	0.000	99	2382537	200.0	214.3	
110 1,1,2,2-Tetrachloroethane	83	8.928	8.928	0.000	99	682974	200.0	200.2	
111 2-Chlorotoluene	91	8.936	8.944	-0.008	97	1829006	200.0	202.5	
112 4-Ethyltoluene	105	8.961	8.961	0.000	98	1928369	200.0	225.6	
113 1,2,3-Trichloropropane	110	9.060	9.060	0.000	99	183497	200.0	201.2	
114 1,3,5-Trimethylbenzene	105	9.117	9.117	0.000	93	1634206	200.0	226.0	
115 trans-1,4-Dichloro-2-butene	75	9.183	9.200	-0.017	91	239773	200.0	204.1	
116 4-Chlorotoluene	91	9.208	9.208	0.000	98	1766331	200.0	208.4	
117 tert-Butylbenzene	119	9.578	9.578	0.000	94	1286530	200.0	216.6	
119 1,2,4-Trimethylbenzene	105	9.702	9.710	-0.008	97	1644175	200.0	226.7	
118 Butyl Methacrylate	87	9.718	9.726	-0.008	90	778914	200.0	213.9	
120 sec-Butylbenzene	105	9.866	9.866	0.000	99	1778831	200.0	214.5	
121 1,3-Dichlorobenzene	146	10.121	10.121	0.000	95	992053	200.0	208.1	
122 4-Isopropyltoluene	119	10.146	10.146	0.000	98	1453770	200.0	221.2	
* 123 1,4-Dichlorobenzene-d4	152	10.261	10.261	0.000	96	190303	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.286	10.286	0.000	95	1044333	200.0	205.2	
125 1,2,3-Trimethylbenzene	105	10.385	10.385	0.000	99	1714810	200.0	214.6	
126 2,3-Dihydroindene	117	10.557	10.557	0.000	95	1840799	200.0	208.8	
128 Benzyl chloride	126	10.739	10.738	0.001	98	200838	200.0	204.5	
127 p-Diethylbenzene	119	10.755	10.755	0.000	94	674531	200.0	223.9	
129 n-Butylbenzene	92	10.837	10.837	0.000	98	637386	200.0	217.0	
130 1,2-Dichlorobenzene	146	10.944	10.952	-0.008	96	967460	200.0	206.3	
131 1,2,4,5-Tetramethylbenzene	119	11.825	11.825	0.000	97	1191197	200.0	189.1	
132 1,2-Dibromo-3-Chloropropane	157	11.948	11.948	0.000	99	117667	200.0	206.3	
133 1,3,5-Trichlorobenzene	180	11.981	11.981	0.000	97	471377	200.0	196.6	
134 1,2,4-Trichlorobenzene	180	12.500	12.500	0.000	95	410360	200.0	186.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.508	12.508	0.000	92	206711	200.0	212.2	
136 Naphthalene	128	12.714	12.722	-0.008	99	1018117	200.0	177.2	
137 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	95	365892	200.0	189.7	
S 138 1,2-Dichloroethene, Total	100				0		400.0	402.7	
S 139 1,3-Dichloropropene, Total	100				0		400.0	438.7	
S 140 Xylenes, Total	100				0		400.0	426.7	
S 141 Total BTEX	1				0		1000.0	1055.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00121	Amount Added:	20.00	Units: uL	
GAS Hi_00384	Amount Added:	20.00	Units: uL	
Ethanol mix_00050	Amount Added:	20.00	Units: uL	
MIX I Hi_00136	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00109	Amount Added:	20.00	Units: uL	
8FreonHi_00030	Amount Added:	20.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Apr-2021 11:57:39 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23357.D

Injection Date: 30-Mar-2021 13:46:30 Instrument ID: CVOAMS5 Operator ID:

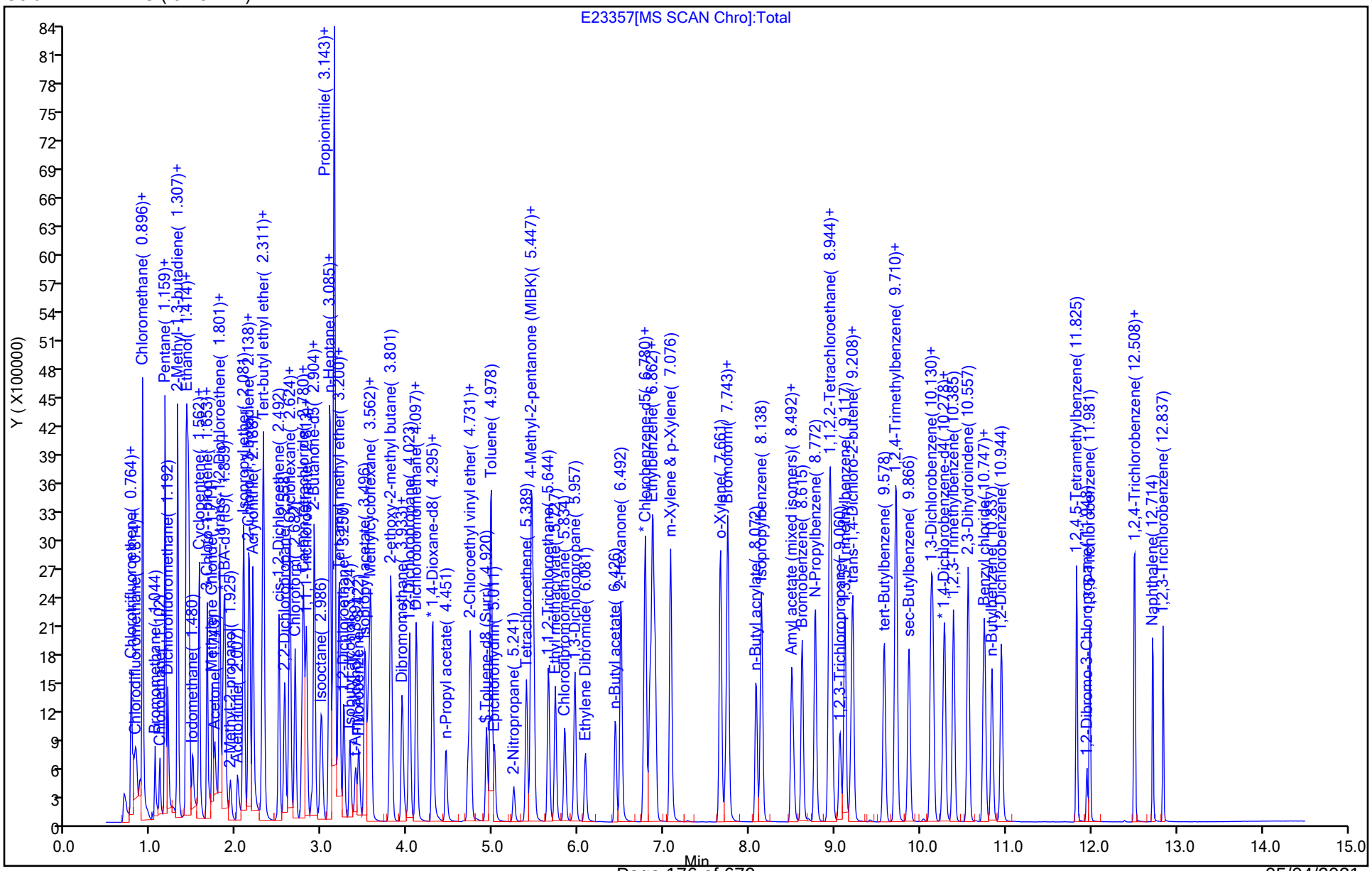
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-VMS (0.18 mm)



Eurofins TestAmerica, Edison

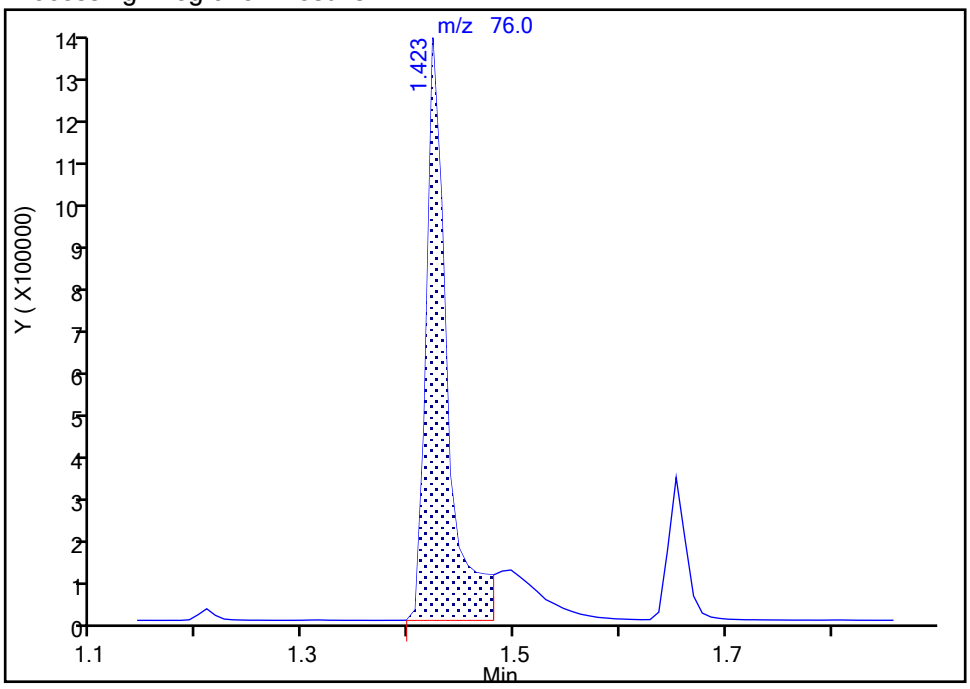
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23357.D
Injection Date: 30-Mar-2021 13:46:30 Instrument ID: CVOAMS5
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

19 Carbon disulfide, CAS: 75-15-0

Signal: 1

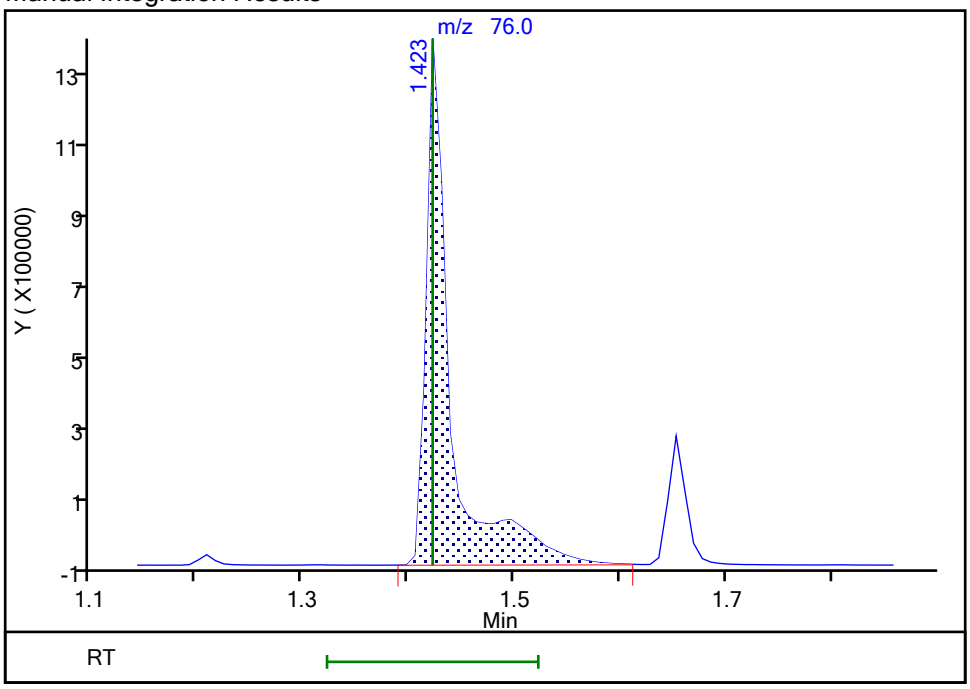
Processing Integration Results

RT: 1.42
Area: 1850754
Amount: 182.2738
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 2174105
Amount: 199.8159
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:47:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23358.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 30-Mar-2021 14:12:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0126234-009
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Apr-2021 11:58:04 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: baronm Date: 01-Apr-2021 10:50:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.707	0.706	0.001	95	103525	500.0	258.7	Ma
2 Chlorotrifluoroethene	116	0.756	0.756	0.000	90	619544	500.0	584.3	
3 Dichlorodifluoromethane	85	0.764	0.764	0.000	99	2280327	500.0	502.8	
4 1,1-Difluoroethane	65	0.814	0.813	0.001	97	658301	500.0	523.5	
5 Chlorodifluoromethane	67	0.822	0.830	-0.008	96	224761	500.0	540.4	
8 Butadiene	54	0.904	0.896	0.008	98	2094073	500.0	480.7	M
7 Vinyl chloride	62	0.888	0.896	-0.008	98	2326892	500.0	498.9	
6 Chloromethane	50	0.896	0.896	0.000	79	3216657	500.0	501.6	
9 Bromomethane	94	1.044	1.044	0.000	99	1139032	500.0	570.7	
10 Chloroethane	64	1.093	1.101	-0.008	99	901573	500.0	372.0	M
12 Pentane	72	1.159	1.159	0.000	97	341139	1000.0	839.9	
11 Trichlorofluoromethane	101	1.159	1.167	-0.008	97	2102319	500.0	476.1	M
13 Dichlorofluoromethane	67	1.192	1.192	0.000	98	2057845	500.0	438.0	
14 2-Methyl-1,3-butadiene	67	1.299	1.307	-0.008	96	2455459	500.0	507.9	
15 Ethyl ether	59	1.316	1.315	0.001	95	1299325	500.0	479.7	
16 Ethanol	45	1.406	1.398	0.008	27	551988	20000	20014	a
17 1,1-Dichloroethene	96	1.406	1.414	-0.008	98	1324006	500.0	461.4	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.406	1.414	-0.008	82	2195541	500.0	525.3	
19 Carbon disulfide	76	1.423	1.422	0.001	99	5402043	500.0	478.3	M
20 112TCTFE	101	1.431	1.431	0.000	94	1187666	500.0	495.1	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.439	1.439	0.000	92	2227539	500.0	497.0	
22 Iodomethane	142	1.480	1.488	-0.008	97	1832263	500.0	481.6	
23 Cyclopentene	67	1.554	1.562	-0.008	96	3733804	500.0	492.3	
24 Acrolein	56	1.587	1.587	0.000	93	149592	400.0	341.9	
25 3-Chloro-1-propene	76	1.653	1.653	0.000	95	945489	500.0	508.9	
26 Isopropyl alcohol	45	1.686	1.686	0.000	95	643158	5000.0	4832.8	
27 Methylene Chloride	84	1.711	1.710	0.001	93	1784439	500.0	492.2	
28 Acetone	58	1.744	1.743	0.001	87	485820	2500.0	2178.0	
29 trans-1,2-Dichloroethene	96	1.801	1.801	0.000	97	1655355	500.0	500.1	
30 Methyl acetate	74	1.809	1.817	-0.008	98	430729	1000.0	1027.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.842	1.842	0.000	88	264201	500.0	472.8	
32 Methyl tert-butyl ether	73	1.859	1.859	0.000	96	4462804	500.0	516.8	
* 33 TBA-d9 (IS)	65	1.892	1.883	0.009	99	222551	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.933	1.924	0.009	99	1109622	5000.0	4489.4	
35 Acetonitrile	41	2.007	2.015	-0.008	100	1429034	5000.0	5000.1	
36 Isopropyl ether	45	2.081	2.081	0.000	97	5610083	500.0	493.5	
37 2-Chloro-1,3-butadiene	88	2.139	2.138	0.001	90	1508955	500.0	513.4	
38 1,1-Dichloroethane	63	2.155	2.155	0.000	100	3194649	500.0	487.5	
39 Acrylonitrile	53	2.196	2.188	0.008	96	4997976	5000.0	4998.3	
40 Tert-butyl ethyl ether	59	2.303	2.303	0.000	89	5012492	500.0	524.3	
41 Vinyl acetate	86	2.320	2.319	0.001	100	622527	1000.0	968.9	
42 cis-1,2-Dichloroethene	96	2.493	2.492	0.001	96	1789966	500.0	481.2	
43 2,2-Dichloropropane	77	2.558	2.558	0.000	96	2287745	500.0	499.7	
44 Cyclohexane	56	2.616	2.616	0.000	89	2035622	500.0	518.3	
45 Chlorobromomethane	128	2.624	2.632	-0.008	93	808733	500.0	499.6	
46 Chloroform	83	2.682	2.682	0.000	99	2941207	500.0	505.1	
47 Carbon tetrachloride	117	2.764	2.764	0.000	98	1758037	500.0	540.2	
49 Ethyl acetate	70	2.781	2.789	-0.008	99	324324	1000.0	1012.2	
48 Methyl acrylate	55	2.781	2.789	-0.008	87	1250499	500.0	499.7	
50 Tetrahydrofuran	42	2.789	2.797	-0.008	95	984706	1000.0	1010.6	
52 1,1,1-Trichloroethane	97	2.813	2.813	0.000	99	2252261	500.0	500.3	
$ 51 Dibromofluoromethane (Surr)	113	2.813	2.813	0.000	96	176112	50.0	48.6	
* 53 2-Butanone-d5	46	2.879	2.871	0.008	98	248927	250.0	250.0	
54 1,1-Dichloropropene	75	2.904	2.904	0.000	96	2268808	500.0	448.3	
55 2-Butanone (MEK)	72	2.912	2.912	0.000	96	864155	2500.0	2527.7	
56 Isooctane	57	2.986	2.986	0.000	99	3554431	500.0	563.0	
57 n-Heptane	57	3.085	3.077	0.008	92	792824	500.0	537.4	
58 Benzene	78	3.093	3.093	0.000	95	7192104	500.0	486.9	
59 Propionitrile	54	3.143	3.126	0.017	93	1710107	5000.0	4999.7	
60 Methacrylonitrile	67	3.151	3.134	0.017	89	6159144	5000.0	4998.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.209	3.200	0.008	91	211943	50.0	49.8	
62 Tert-amyl methyl ether	73	3.200	3.200	0.000	99	4509339	500.0	529.4	
63 1,2-Dichloroethane	62	3.258	3.258	0.000	97	2144564	500.0	482.5	
64 Isobutyl alcohol	43	3.332	3.332	0.000	95	1282486	12500	13594	
65 t-Amyl alcohol	59	3.398	3.389	0.009	99	928056	5000.0	5517.2	
* 66 Fluorobenzene	96	3.431	3.430	0.001	99	563501	50.0	50.0	
67 Isopropyl acetate	43	3.497	3.496	0.001	100	2639186	500.0	556.6	
68 Methylcyclohexane	83	3.546	3.546	0.000	96	1646479	500.0	525.0	
69 Trichloroethene	95	3.571	3.570	0.001	99	1607272	500.0	477.6	
70 2-ethoxy-2-methyl butane	59	3.801	3.801	0.000	99	4137974	500.0	564.4	
71 Dibromomethane	93	3.933	3.932	0.001	97	953601	500.0	480.3	
72 n-Butanol	56	3.949	3.974	-0.025	85	876903	12500	12483	
73 1,2-Dichloropropane	63	4.023	4.023	0.000	94	1926891	500.0	517.5	
74 Dichlorobromomethane	83	4.106	4.097	0.009	99	2266809	500.0	501.1	
75 Ethyl acrylate	55	4.097	4.105	-0.008	98	1834993	500.0	488.2	
* 76 1,4-Dioxane-d8	96	4.287	4.286	0.001	44	26044	1000.0	1000.0	
77 Methyl methacrylate	100	4.295	4.295	0.000	89	792686	1000.0	1104.9	
78 1,4-Dioxane	88	4.320	4.311	0.009	94	295338	10000	10052	
79 n-Propyl acetate	43	4.451	4.459	-0.008	98	1870777	500.0	483.0	
80 2-Chloroethyl vinyl ether	63	4.706	4.706	0.000	96	821820	501.2	491.9	
81 cis-1,3-Dichloropropene	75	4.739	4.731	0.008	91	3023340	500.0	485.8	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	99	727089	50.0	49.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.978	4.978	0.000	94	6967820	500.0	484.0	
84 Epichlorohydrin	57	5.019	5.019	0.000	99	1865229	10000	9991.3	
85 2-Nitropropane	41	5.241	5.241	0.000	95	602273	1000.0	999.1	
86 Tetrachloroethene	166	5.389	5.389	0.000	96	1179091	500.0	482.0	
87 4-Methyl-2-pentanone (MIBK)	43	5.455	5.447	0.008	98	6278752	2500.0	2562.0	
88 trans-1,3-Dichloropropene	75	5.480	5.480	0.000	95	2532299	500.0	481.0	
89 1,1,2-Trichloroethane	83	5.653	5.644	0.009	96	1211883	500.0	497.5	
90 Ethyl methacrylate	69	5.735	5.727	0.008	89	2134317	500.0	485.6	
91 Chlorodibromomethane	129	5.842	5.842	0.000	98	1543005	500.0	551.3	
92 1,3-Dichloropropane	76	5.957	5.957	0.000	92	2680736	500.0	509.0	
93 Ethylene Dibromide	107	6.081	6.080	0.001	98	1384237	500.0	510.3	
94 n-Butyl acetate	43	6.435	6.434	0.001	99	2215008	500.0	499.3	
95 2-Hexanone	43	6.500	6.500	0.000	95	4458602	2500.0	2673.1	
* 96 Chlorobenzene-d5	117	6.764	6.764	0.000	86	500067	50.0	50.0	
97 Chlorobenzene	112	6.788	6.780	0.008	94	4341732	500.0	492.1	
98 Ethylbenzene	106	6.871	6.862	0.009	98	2080288	500.0	504.8	
99 1,1,1,2-Tetrachloroethane	133	6.904	6.895	0.009	96	1397999	500.0	517.8	
100 m-Xylene & p-Xylene	106	7.085	7.076	0.009	96	2532019	500.0	515.5	
101 o-Xylene	106	7.669	7.661	0.008	94	2583747	500.0	516.4	
102 Bromoform	173	7.727	7.726	0.001	96	909991	500.0	499.3	
103 Styrene	104	7.751	7.751	0.000	96	4537031	500.0	539.2	
104 n-Butyl acrylate	73	8.080	8.080	0.000	98	1175660	500.0	485.6	
105 Isopropylbenzene	105	8.146	8.138	0.008	96	5164994	500.0	514.3	
106 Amyl acetate (mixed isomers)	43	8.500	8.492	0.008	91	2560983	500.0	487.7	
$ 107 4-Bromofluorobenzene	174	8.517	8.516	0.001	85	171511	50.0	50.3	
108 Bromobenzene	156	8.624	8.615	0.009	99	1574614	500.0	473.5	
109 N-Propylbenzene	91	8.772	8.772	0.000	99	6078352	500.0	526.6	
110 1,1,2,2-Tetrachloroethane	83	8.928	8.928	0.000	98	1742488	500.0	492.0	
111 2-Chlorotoluene	91	8.945	8.944	0.001	96	4673802	500.0	498.5	
112 4-Ethyltoluene	105	8.969	8.961	0.008	98	4849158	500.0	546.5	
113 1,2,3-Trichloropropane	110	9.060	9.060	0.000	99	463869	500.0	489.9	
114 1,3,5-Trimethylbenzene	105	9.126	9.117	0.009	93	4159834	500.0	554.3	
115 trans-1,4-Dichloro-2-butene	75	9.192	9.200	-0.008	93	717642	500.0	499.6	
116 4-Chlorotoluene	91	9.216	9.208	0.008	98	4504053	500.0	512.0	
117 tert-Butylbenzene	119	9.578	9.578	0.000	94	3254827	500.0	527.9	
119 1,2,4-Trimethylbenzene	105	9.710	9.710	0.000	98	4393501	500.0	583.6	
118 Butyl Methacrylate	87	9.726	9.726	0.000	89	2138650	500.0	487.9	
120 sec-Butylbenzene	105	9.875	9.866	0.009	99	4583350	500.0	532.4	
121 1,3-Dichlorobenzene	146	10.130	10.121	0.009	98	2511565	500.0	507.7	
122 4-Isopropyltoluene	119	10.154	10.146	0.008	99	3791001	500.0	555.7	
* 123 1,4-Dichlorobenzene-d4	152	10.261	10.261	0.000	97	197530	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.286	10.286	0.000	94	2607895	500.0	493.7	
125 1,2,3-Trimethylbenzene	105	10.393	10.385	0.008	99	4551311	500.0	548.7	
126 2,3-Dihydroindene	117	10.566	10.557	0.009	95	4698924	500.0	513.4	
128 Benzyl chloride	126	10.739	10.738	0.001	98	584899	500.0	499.5	
127 p-Diethylbenzene	119	10.755	10.755	0.000	93	1805516	500.0	577.4	
129 n-Butylbenzene	92	10.837	10.837	0.000	98	1721774	500.0	564.7	
130 1,2-Dichlorobenzene	146	10.953	10.952	0.001	95	2461293	500.0	505.7	
131 1,2,4,5-Tetramethylbenzene	119	11.833	11.825	0.008	97	2843605	500.0	434.9	
132 1,2-Dibromo-3-Chloropropane	157	11.948	11.948	0.000	99	308614	500.0	521.4	
133 1,3,5-Trichlorobenzene	180	11.981	11.981	0.000	97	1176749	500.0	472.9	
134 1,2,4-Trichlorobenzene	180	12.500	12.500	0.000	95	1074691	500.0	469.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.508	12.508	0.000	92	492922	500.0	486.5	
136 Naphthalene	128	12.722	12.722	0.000	99	2688257	500.0	450.9	
137 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	96	922523	500.0	460.7	
S 138 1,2-Dichloroethene, Total	100				0		1000.0	981.3	
S 139 1,3-Dichloropropene, Total	100				0		1000.0	966.8	
S 140 Xylenes, Total	100				0		1000.0	1031.9	
S 141 Total BTEX	1				0		2500.0	2507.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00121	Amount Added:	40.00	Units: uL	
GAS Hi_00384	Amount Added:	50.00	Units: uL	
Ethanol mix_00050	Amount Added:	50.00	Units: uL	
MIX I Hi_00136	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00109	Amount Added:	50.00	Units: uL	
8FreonHi_00030	Amount Added:	50.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Apr-2021 11:58:06 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23358.D

Injection Date: 30-Mar-2021 14:12:30 Instrument ID: CVOAMS5 Operator ID:

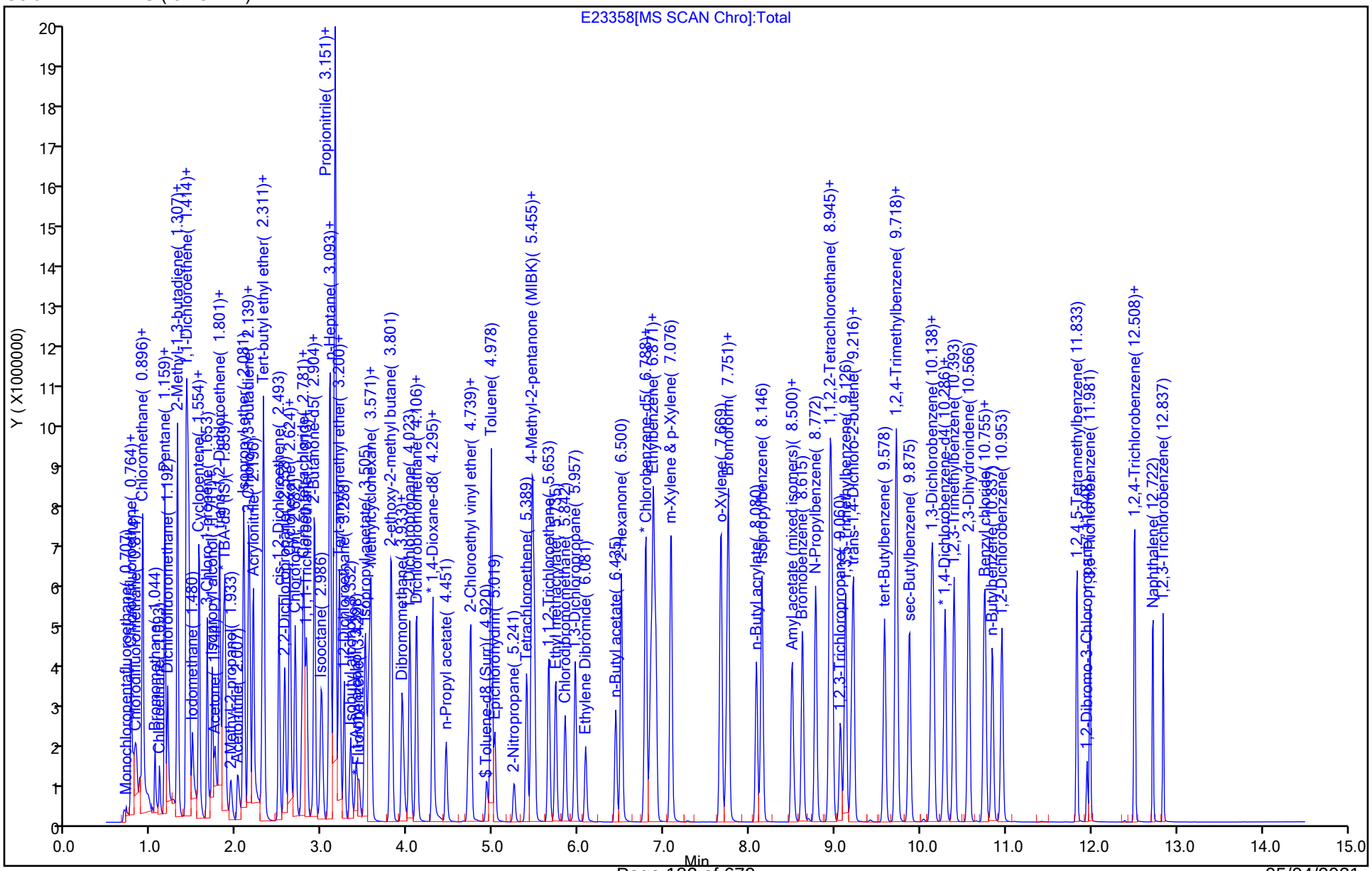
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

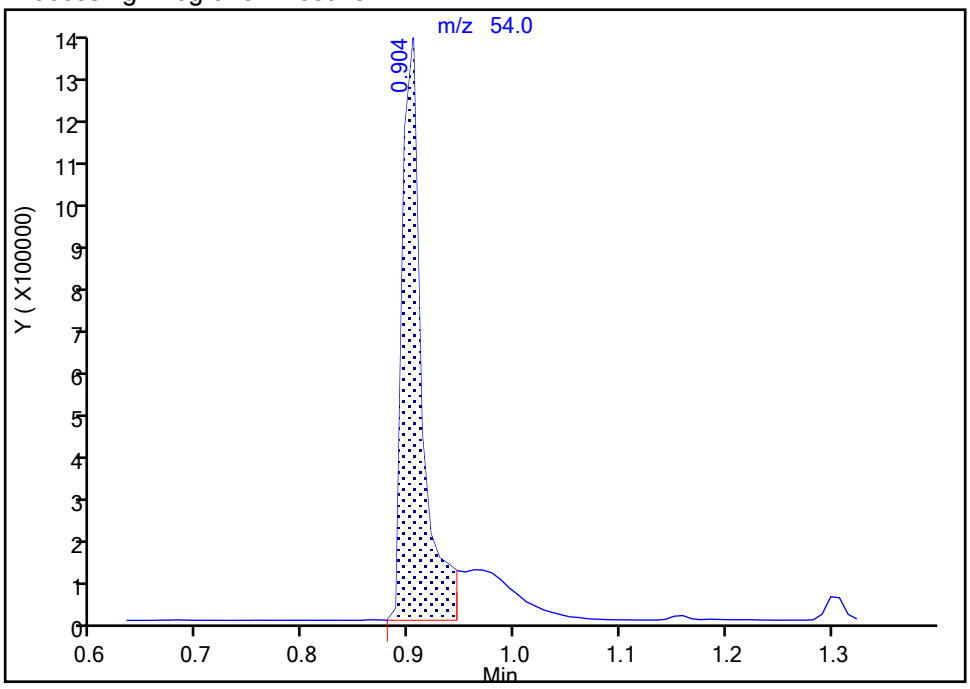
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23358.D
Injection Date: 30-Mar-2021 14:12:30 Instrument ID: CVOAMS5
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

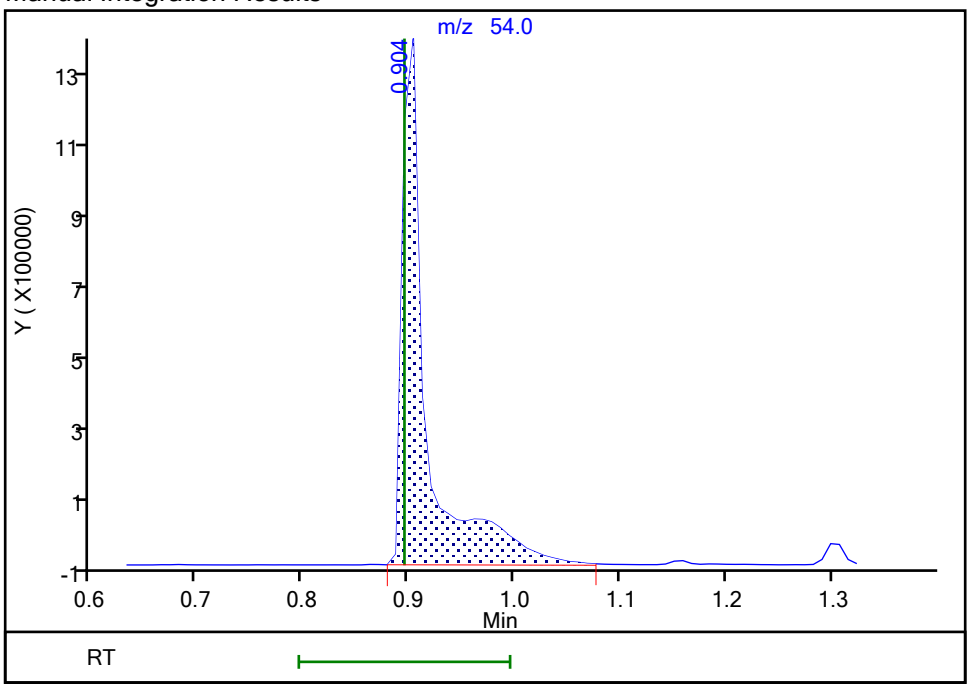
Processing Integration Results

RT: 0.90
Area: 1689940
Amount: 498.4855
Amount Units: ug/l



Manual Integration Results

RT: 0.90
Area: 2094073
Amount: 480.6964
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:48:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

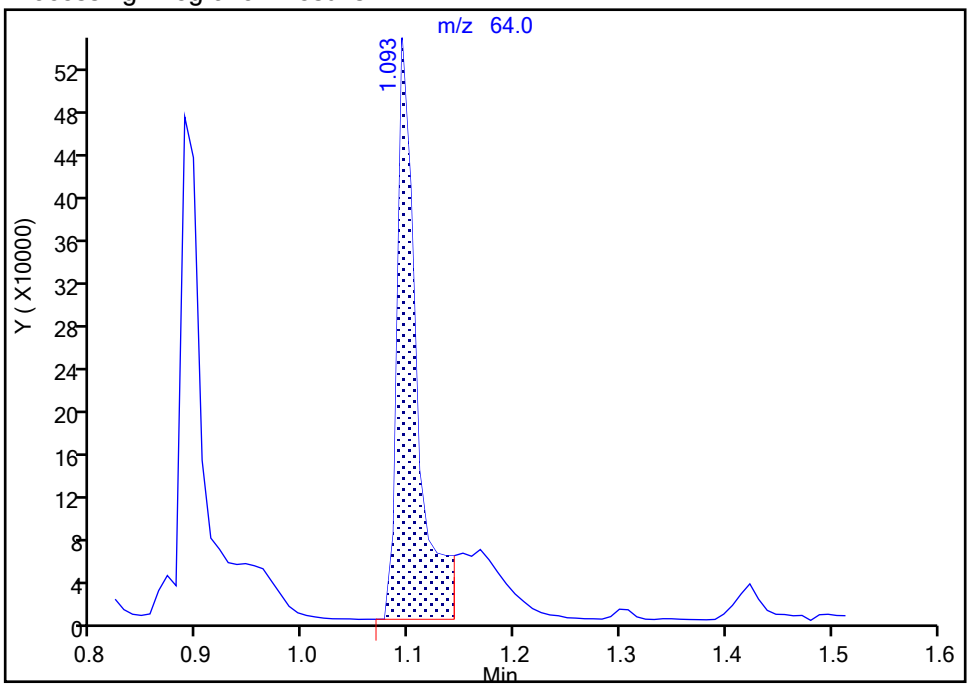
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23358.D
Injection Date: 30-Mar-2021 14:12:30 Instrument ID: CVOAMS5
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

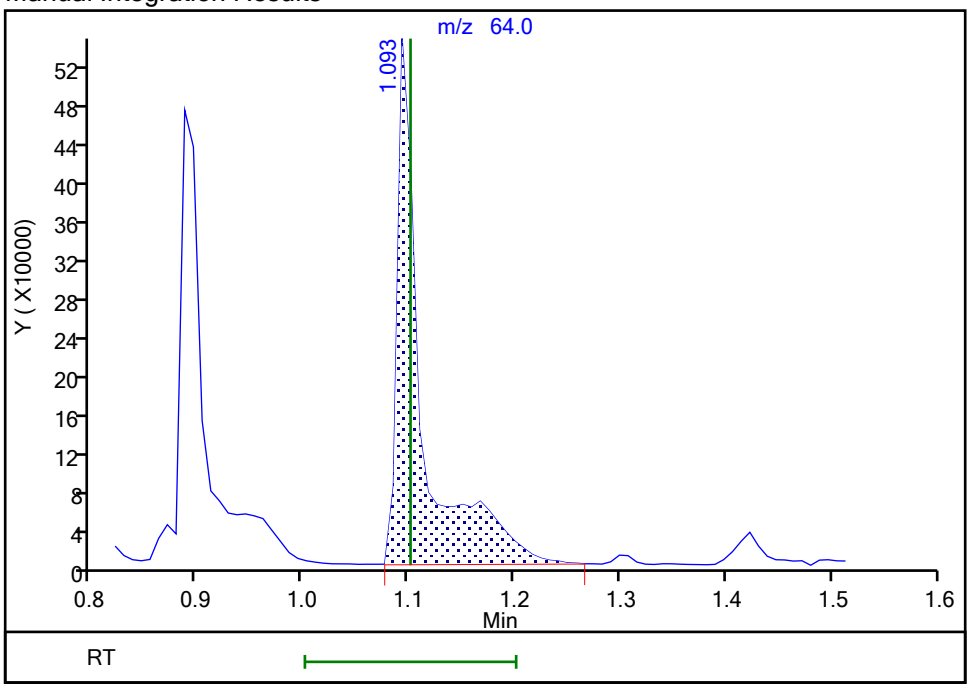
Processing Integration Results

RT: 1.09
Area: 707626
Amount: 427.7043
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 901573
Amount: 372.0265
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:49:05
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

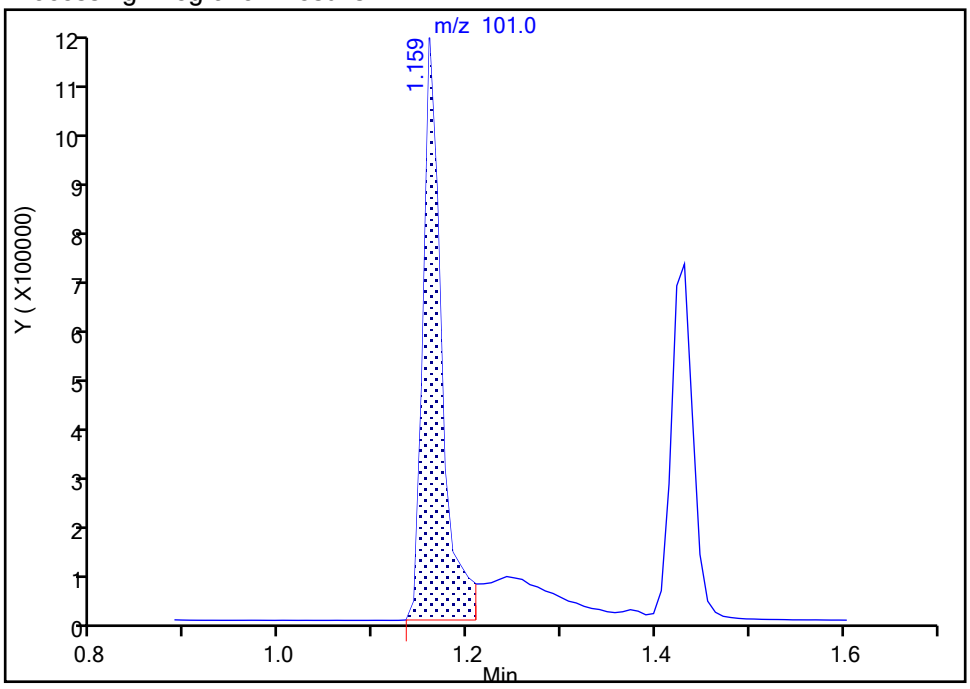
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23358.D
Injection Date: 30-Mar-2021 14:12:30 Instrument ID: CVOAMS5
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

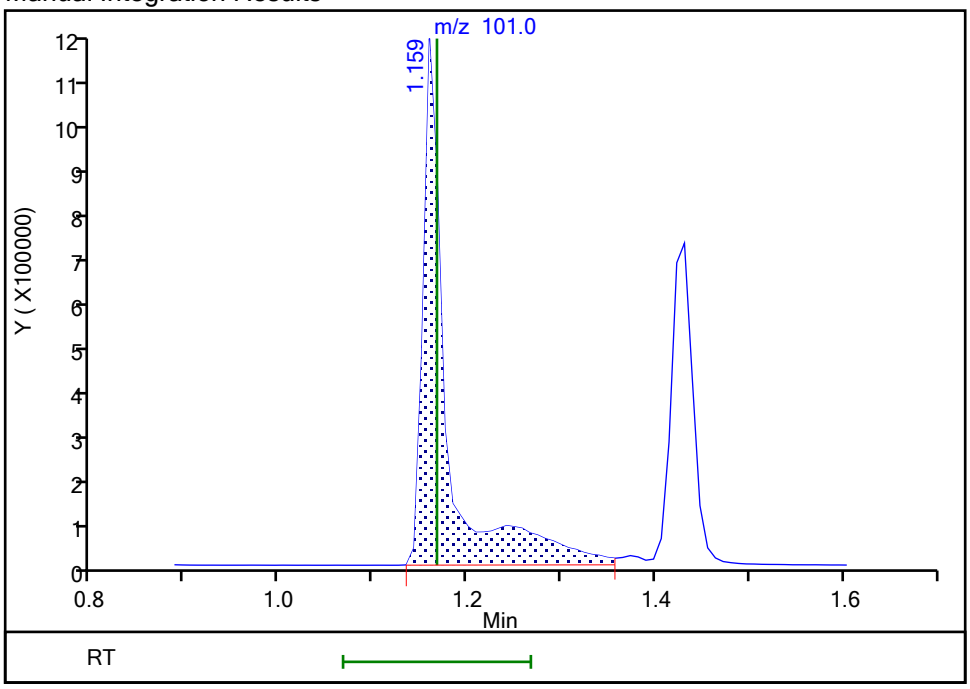
Processing Integration Results

RT: 1.16
Area: 1624065
Amount: 381.5365
Amount Units: ug/l



Manual Integration Results

RT: 1.16
Area: 2102319
Amount: 476.0619
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:49:15
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

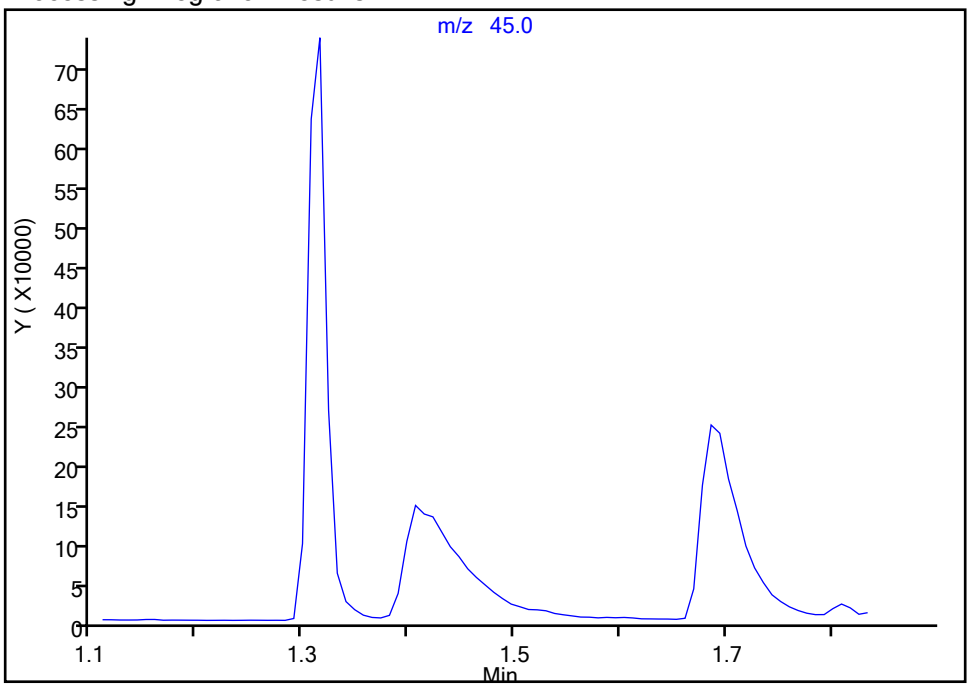
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23358.D
Injection Date: 30-Mar-2021 14:12:30 Instrument ID: CVOAMS5
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

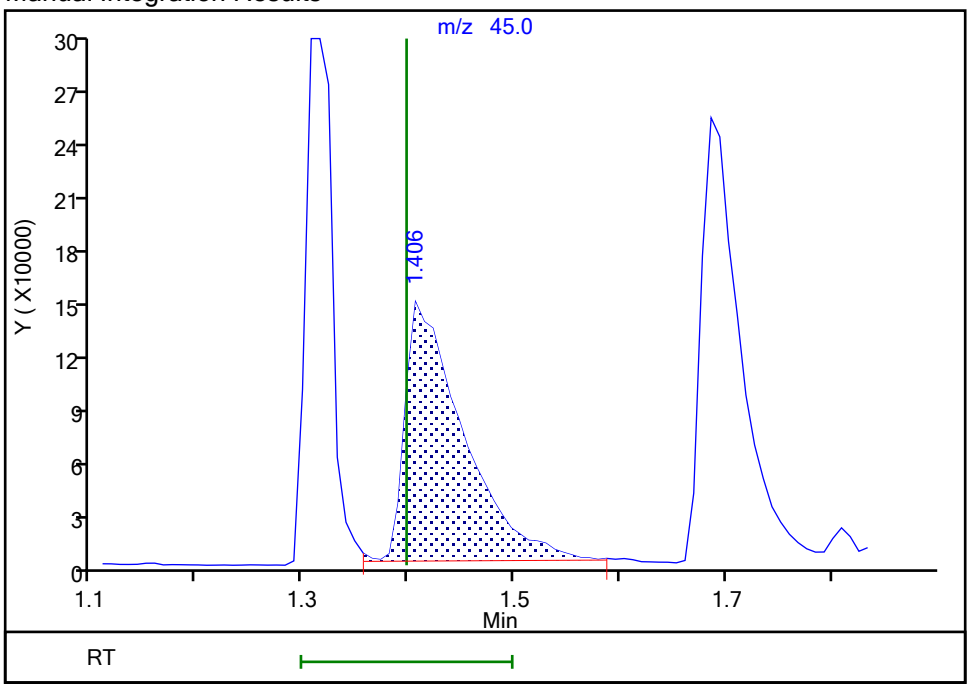
Not Detected
Expected RT: 1.40

Processing Integration Results



Manual Integration Results

RT: 1.41
Area: 551988
Amount: 20014
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:49:24
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

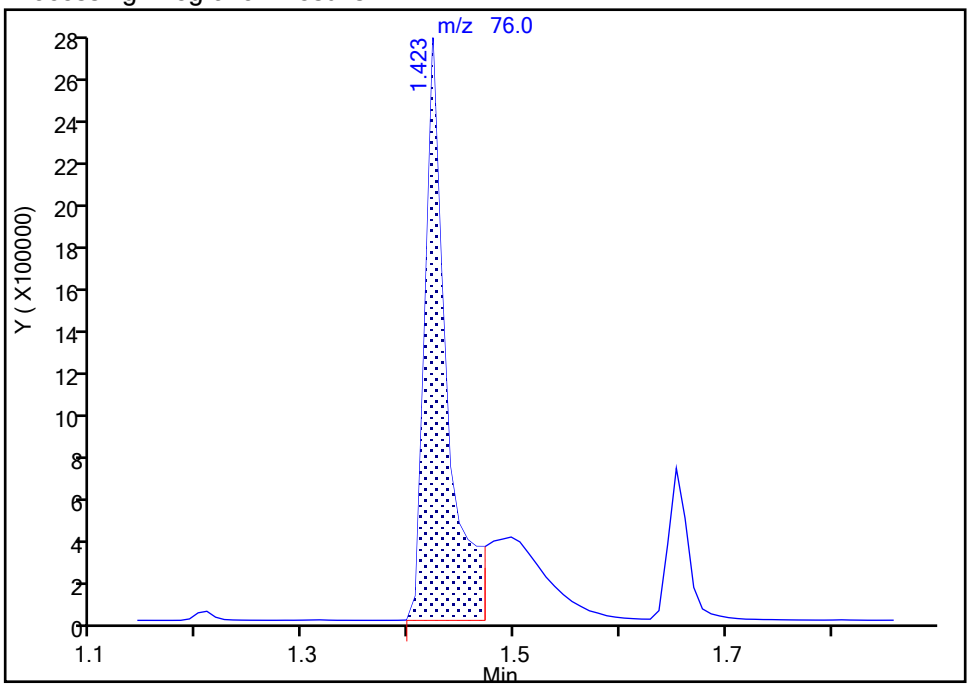
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23358.D
Injection Date: 30-Mar-2021 14:12:30 Instrument ID: CVOAMS5
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

19 Carbon disulfide, CAS: 75-15-0

Signal: 1

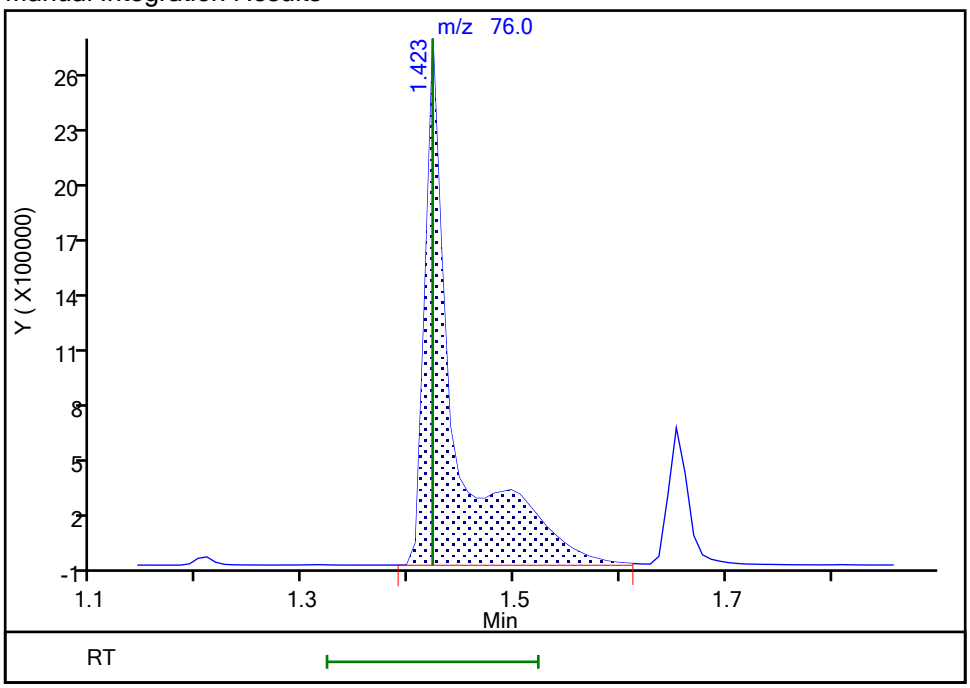
Processing Integration Results

RT: 1.42
Area: 3977632
Amount: 367.6063
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 5402043
Amount: 478.2617
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:49:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Mar-2021 20:10:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 200-57658-A-1-A
Misc. Info.: 460-0126234-021
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Apr-2021 11:58:32 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: boykink Date: 30-Mar-2021 20:36:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.690	0.706	-0.016	31	891	1.00	2.52	a
2 Chlorotrifluoroethene	116	0.756	0.756	0.000	73	871	1.00	0.9761	
3 Dichlorodifluoromethane	85	0.764	0.764	0.000	96	3759	1.00	0.9378	M
4 1,1-Difluoroethane	65	0.814	0.813	0.001	54	895	1.00	0.8052	Ma
5 Chlorodifluoromethane	67	0.830	0.830	0.000	7	356	1.00	0.9685	a
8 Butadiene	54	0.896	0.896	0.000	90	3729	1.00	0.9685	
7 Vinyl chloride	62	0.896	0.896	0.000	77	3477	1.00	0.8435	
6 Chloromethane	50	0.904	0.896	0.008	72	5682	1.00	1.00	
9 Bromomethane	94	1.044	1.044	0.000	98	1144	1.00	0.6486	
10 Chloroethane	64	1.102	1.101	0.001	98	2166	1.00	1.06	
12 Pentane	72	1.168	1.159	0.009	96	840	2.00	2.46	
11 Trichlorofluoromethane	101	1.168	1.167	0.001	72	3531	1.00	0.9047	
13 Dichlorofluoromethane	67	1.200	1.192	0.008	97	4112	1.00	0.99	
14 2-Methyl-1,3-butadiene	67	1.307	1.307	0.000	95	3780	1.00	0.8846	
15 Ethyl ether	59	1.316	1.315	0.001	92	2007	1.00	0.8384	
16 Ethanol	45	1.398	1.398	0.000	22	1308	40.0	49.6	
17 1,1-Dichloroethene	96	1.406	1.414	-0.008	93	2341	1.00	0.9230	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.406	1.414	-0.008	69	3261	1.00	0.8828	
19 Carbon disulfide	76	1.423	1.422	0.001	100	10023	1.00	1.00	
20 112TCTFE	101	1.431	1.431	0.000	42	1954	1.00	0.9217	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.439	1.439	0.000	50	3170	1.00	0.8002	
22 Iodomethane	142	1.488	1.488	0.000	94	1424	1.00	1.02	
23 Cyclopentene	67	1.563	1.562	0.001	95	6222	1.00	0.9283	
24 Acrolein	56	1.595	1.587	0.008	35	978	4.00	3.10	
25 3-Chloro-1-propene	76	1.653	1.653	0.000	96	1288	1.00	0.7844	
26 Isopropyl alcohol	45	1.711	1.686	0.025	1	711	10.0	7.42	
27 Methylene Chloride	84	1.719	1.710	0.009	84	2647	1.00	0.8260	
28 Acetone	58	1.752	1.743	0.009	75	831	5.00	4.43	
29 trans-1,2-Dichloroethene	96	1.809	1.801	0.008	97	2561	1.00	0.8753	
30 Methyl acetate	74	1.834	1.817	0.017	20	405	2.00	2.00	Ma

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.842	1.842	0.000	70	439	1.00	1.09	
32 Methyl tert-butyl ether	73	1.867	1.859	0.008	33	6054	1.00	0.7932	
* 33 TBA-d9 (IS)	65	1.883	1.883	0.000	100	160250	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.925	1.924	0.001	18	1948	10.0	10.9	
35 Acetonitrile	41	2.048	2.015	0.033	72	614	10.0	2.75	
36 Isopropyl ether	45	2.081	2.081	0.000	95	7776	1.00	0.7739	
37 2-Chloro-1,3-butadiene	88	2.147	2.138	0.009	92	2202	1.00	0.8477	
38 1,1-Dichloroethane	63	2.155	2.155	0.000	99	5027	1.00	0.8680	
39 Acrylonitrile	53	2.213	2.188	0.025	93	6518	10.0	6.93	
40 Tert-butyl ethyl ether	59	2.320	2.303	0.017	93	6498	1.00	0.7690	
41 Vinyl acetate	86	2.369	2.319	0.050	74	599	2.00	2.05	a
42 cis-1,2-Dichloroethene	96	2.501	2.492	0.009	97	2963	1.00	0.9013	
43 2,2-Dichloropropane	77	2.558	2.558	0.000	57	1527	1.00	0.4018	
44 Cyclohexane	56	2.616	2.616	0.000	90	2981	1.00	0.8588	
45 Chlorobromomethane	128	2.641	2.632	0.009	90	1155	1.00	0.8073	
46 Chloroform	83	2.690	2.682	0.008	97	4056	1.00	0.7882	
47 Carbon tetrachloride	117	2.772	2.764	0.008	79	2224	1.00	0.7733	
49 Ethyl acetate	70	2.805	2.789	0.016	30	472	2.00	1.75	
48 Methyl acrylate	55	2.805	2.789	0.016	32	643	1.00	0.99	
50 Tetrahydrofuran	42	2.822	2.797	0.025	30	1305	2.00	1.59	
52 1,1,1-Trichloroethane	97	2.813	2.813	0.000	36	3456	1.00	0.8687	
$ 51 Dibromofluoromethane (Surr)	113	2.813	2.813	0.000	96	162247	50.0	50.6	
* 53 2-Butanone-d5	46	2.879	2.871	0.008	99	209478	250.0	250.0	
54 1,1-Dichloropropene	75	2.912	2.904	0.008	88	5964	1.00	1.33	
55 2-Butanone (MEK)	72	2.920	2.912	0.008	74	1421	5.00	4.94	
56 Isooctane	57	2.995	2.986	0.008	97	5356	1.00	0.9599	
57 n-Heptane	57	3.077	3.077	0.000	78	1544	1.00	1.18	
58 Benzene	78	3.093	3.093	0.000	94	11711	1.00	0.9350	
59 Propionitrile	54	3.159	3.126	0.033	35	1464	10.0	4.69	a
60 Methacrylonitrile	67	3.151	3.134	0.017	92	5780	10.0	5.04	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.200	3.200	0.000	97	191390	50.0	50.9	
62 Tert-amyl methyl ether	73	3.200	3.200	0.000	37	5822	1.00	0.7734	
63 1,2-Dichloroethane	62	3.258	3.258	0.000	1	3861	1.00	0.9828	
64 Isobutyl alcohol	43	3.365	3.332	0.033	29	1673	25.0	24.6	
65 t-Amyl alcohol	59	3.398	3.389	0.009	5	862	10.0	7.12	a
* 66 Fluorobenzene	96	3.422	3.430	-0.008	98	498024	50.0	50.0	
67 Isopropyl acetate	43	3.505	3.496	0.009	94	3182	1.00	0.7593	
68 Methylcyclohexane	83	3.546	3.546	0.000	74	2401	1.00	0.8662	
69 Trichloroethene	95	3.579	3.570	0.009	85	2963	1.00	1.00	
70 2-ethoxy-2-methyl butane	59	3.809	3.801	0.008	94	4662	1.00	0.7195	
71 Dibromomethane	93	3.949	3.932	0.017	84	1584	1.00	0.9027	
72 n-Butanol	56	3.999	3.974	0.025	22	228	25.0	4.44	a
73 1,2-Dichloropropane	63	4.031	4.023	0.008	85	2212	1.00	0.6721	
74 Dichlorobromomethane	83	4.114	4.097	0.017	92	3476	1.00	0.8695	
75 Ethyl acrylate	55	4.163	4.105	0.058	7	382	1.00	1.01	
* 76 1,4-Dioxane-d8	96	4.295	4.286	0.009	95	20084	1000.0	1000.0	
77 Methyl methacrylate	100	4.311	4.295	0.016	91	816	2.00	1.29	
78 1,4-Dioxane	88	4.344	4.311	0.033	35	977	50.0	43.1	a
79 n-Propyl acetate	43	4.492	4.459	0.033	56	965	1.00	1.02	
80 2-Chloroethyl vinyl ether	63	4.731	4.706	0.025	1	217	1.00	1.01	a
81 cis-1,3-Dichloropropene	75	4.764	4.731	0.033	91	2874	1.00	1.01	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	99	643719	50.0	51.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.978	4.978	0.000	92	10967	1.00	0.8983	
84 Epichlorohydrin	57	5.068	5.019	0.049	15	1494	20.0	10.1	M
85 2-Nitropropane	41	5.258	5.241	0.017	70	485	2.00	0.9647	
86 Tetrachloroethene	166	5.398	5.389	0.009	88	2028	1.00	0.9776	
87 4-Methyl-2-pentanone (MIBK)	43	5.463	5.447	0.016	94	7049	5.00	3.42	
88 trans-1,3-Dichloropropene	75	5.505	5.480	0.025	42	1461	1.00	1.03	
89 1,1,2-Trichloroethane	83	5.653	5.644	0.009	86	1665	1.00	0.8061	
90 Ethyl methacrylate	69	5.751	5.727	0.024	36	1863	1.00	1.01	a
91 Chlorodibromomethane	129	5.850	5.842	0.008	92	1648	1.00	0.6943	
92 1,3-Dichloropropane	76	5.974	5.957	0.017	91	3788	1.00	0.8481	
93 Ethylene Dibromide	107	6.097	6.080	0.017	52	1765	1.00	0.7673	
94 n-Butyl acetate	43	6.459	6.434	0.025	64	1264	1.00	0.3080	a
95 2-Hexanone	43	6.533	6.500	0.033	71	4498	5.00	3.20	
* 96 Chlorobenzene-d5	117	6.764	6.764	0.000	87	424062	50.0	50.0	
97 Chlorobenzene	112	6.780	6.780	0.000	76	7038	1.00	0.9407	
98 Ethylbenzene	106	6.879	6.862	0.017	96	2959	1.00	0.8468	
99 1,1,1,2-Tetrachloroethane	133	6.887	6.895	-0.008	68	1880	1.00	0.8212	
100 m-Xylene & p-Xylene	106	7.093	7.076	0.017	96	3203	1.00	0.7690	
101 o-Xylene	106	7.669	7.661	0.008	93	3434	1.00	0.8093	
102 Bromoform	173	7.735	7.726	0.009	47	721	1.00	0.99	
103 Styrene	104	7.776	7.751	0.025	89	4488	1.00	0.6290	
104 n-Butyl acrylate	73	8.113	8.080	0.033	73	604	1.00	1.01	
105 Isopropylbenzene	105	8.146	8.138	0.008	96	6503	1.00	0.7635	
106 Amyl acetate (mixed isomers)	43	8.550	8.492	0.058	37	1285	1.00	1.02	a
$ 107 4-Bromofluorobenzene	174	8.517	8.516	0.001	85	142016	50.0	49.1	
108 Bromobenzene	156	8.624	8.615	0.009	63	2186	1.00	0.8565	
109 N-Propylbenzene	91	8.780	8.772	0.008	99	7083	1.00	0.7996	
110 1,1,2,2-Tetrachloroethane	83	8.928	8.928	0.000	96	2212	1.00	0.8138	
111 2-Chlorotoluene	91	8.953	8.944	0.009	96	6417	1.00	0.8917	
112 4-Ethyltoluene	105	8.969	8.961	0.008	96	4730	1.00	0.6946	
113 1,2,3-Trichloropropane	110	9.076	9.060	0.016	63	662	1.00	0.9109	
114 1,3,5-Trimethylbenzene	105	9.117	9.117	0.000	96	4036	1.00	0.7007	
115 trans-1,4-Dichloro-2-butene	75	9.216	9.200	0.016	39	1009	1.00	1.23	a
116 4-Chlorotoluene	91	9.224	9.208	0.016	95	5794	1.00	0.8580	
117 tert-Butylbenzene	119	9.578	9.578	0.000	94	4218	1.00	0.8913	
119 1,2,4-Trimethylbenzene	105	9.710	9.710	0.000	96	3996	1.00	0.6916	
118 Butyl Methacrylate	87	9.743	9.726	0.017	47	1362	1.00	1.03	
120 sec-Butylbenzene	105	9.866	9.866	0.000	99	6071	1.00	0.9187	
121 1,3-Dichlorobenzene	146	10.138	10.121	0.017	82	2995	1.00	0.7888	
122 4-Isopropyltoluene	119	10.146	10.146	0.000	96	4614	1.00	0.8811	
* 123 1,4-Dichlorobenzene-d4	152	10.261	10.261	0.000	97	151612	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.278	10.286	-0.008	61	3615	1.00	0.8917	
125 1,2,3-Trimethylbenzene	105	10.393	10.385	0.008	94	4909	1.00	0.7710	
126 2,3-Dihydroindene	117	10.566	10.557	0.009	94	5433	1.00	0.7734	
128 Benzyl chloride	126	10.763	10.738	0.025	61	199	1.00	0.2835	Ma
127 p-Diethylbenzene	119	10.763	10.755	0.008	88	1751	1.00	0.7295	
129 n-Butylbenzene	92	10.846	10.837	0.009	95	2047	1.00	0.8746	
130 1,2-Dichlorobenzene	146	10.961	10.952	0.009	87	2989	1.00	0.8001	
131 1,2,4,5-Tetramethylbenzene	119	11.833	11.825	0.008	94	4761	1.00	0.9488	
132 1,2-Dibromo-3-Chloropropane	157	11.957	11.948	0.009	25	419	1.00	0.9223	
133 1,3,5-Trichlorobenzene	180	11.990	11.981	0.009	94	1906	1.00	1.00	
134 1,2,4-Trichlorobenzene	180	12.508	12.500	0.008	88	1898	1.00	1.08	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.516	12.508	0.008	87	1458	1.00	1.02	
136 Naphthalene	128	12.722	12.722	0.000	97	4429	1.00	0.9678	
137 1,2,3-Trichlorobenzene	180	12.845	12.837	0.008	93	1529	1.00	0.99	
S 138 1,2-Dichloroethene, Total	100				0		2.00	1.78	
S 139 1,3-Dichloropropene, Total	100				0		2.00	2.03	
S 140 Xylenes, Total	100				0		2.00	1.58	
S 141 Total BTEX	1				0		5.00	4.26	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00134	Amount Added:	10.00	Units: uL	
GASES Li_00413	Amount Added:	10.00	Units: uL	
ACROLEIN W_00121	Amount Added:	4.00	Units: uL	
14DIOXINTER_00127	Amount Added:	30.00	Units: uL	
524freon_00034	Amount Added:	10.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Apr-2021 11:58:34 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5 Operator ID:

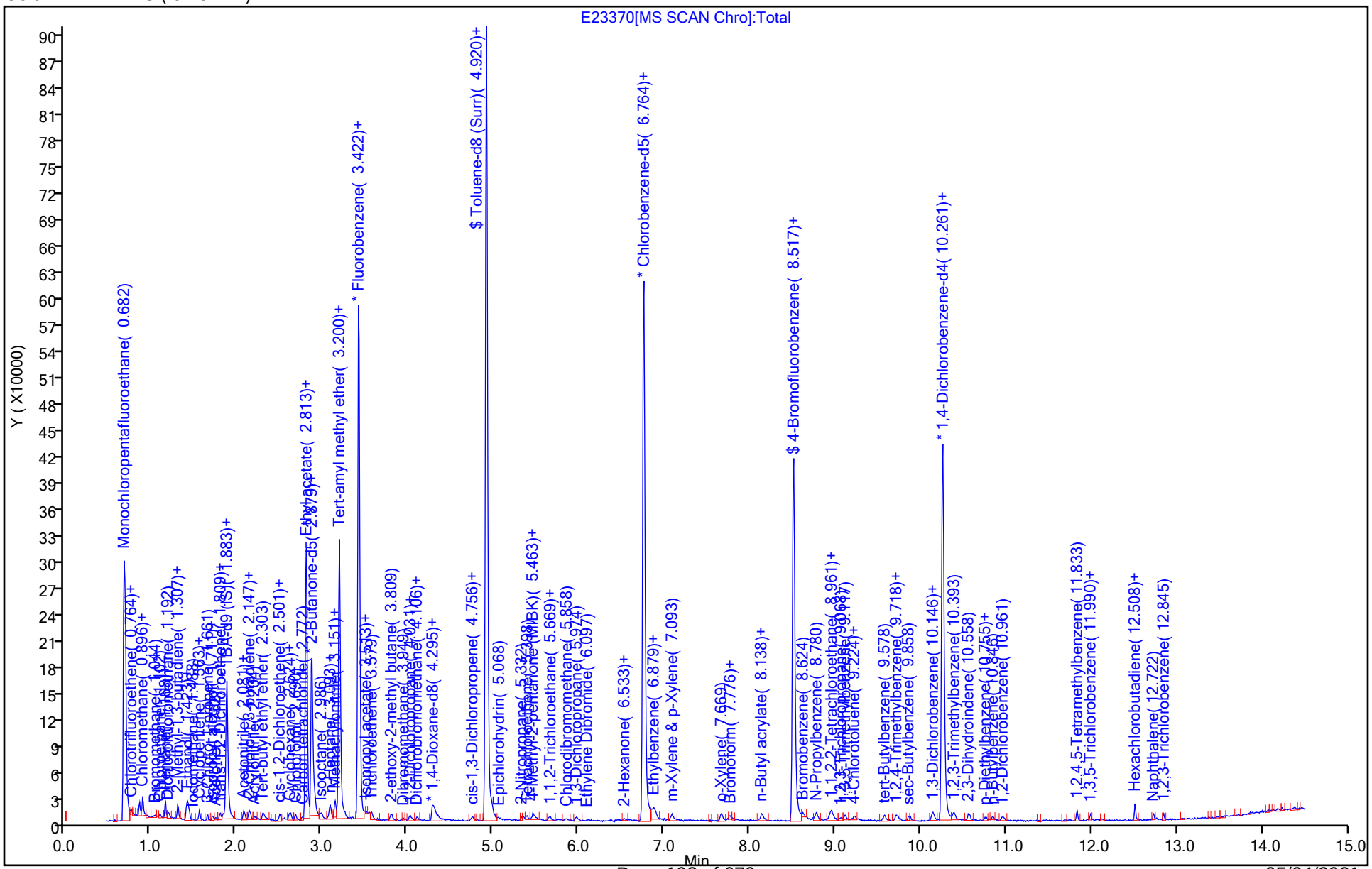
Lims ID: STD1 Worklist Smp#: 21

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 10.0000 ALS Bottle#: 20

Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-VMS (0.18 mm)



Eurofins TestAmerica, Edison

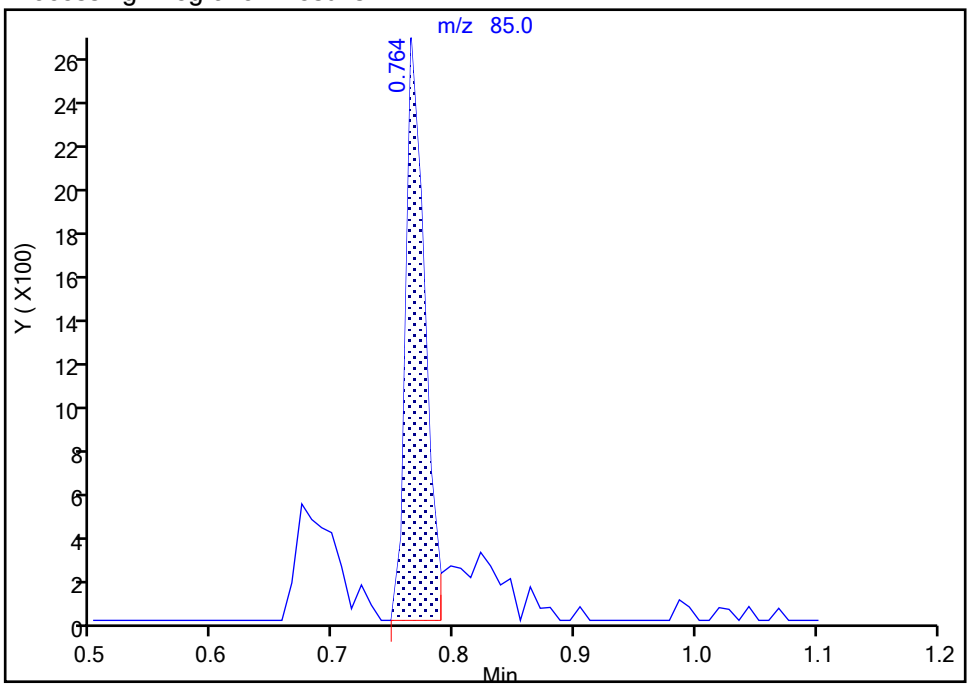
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

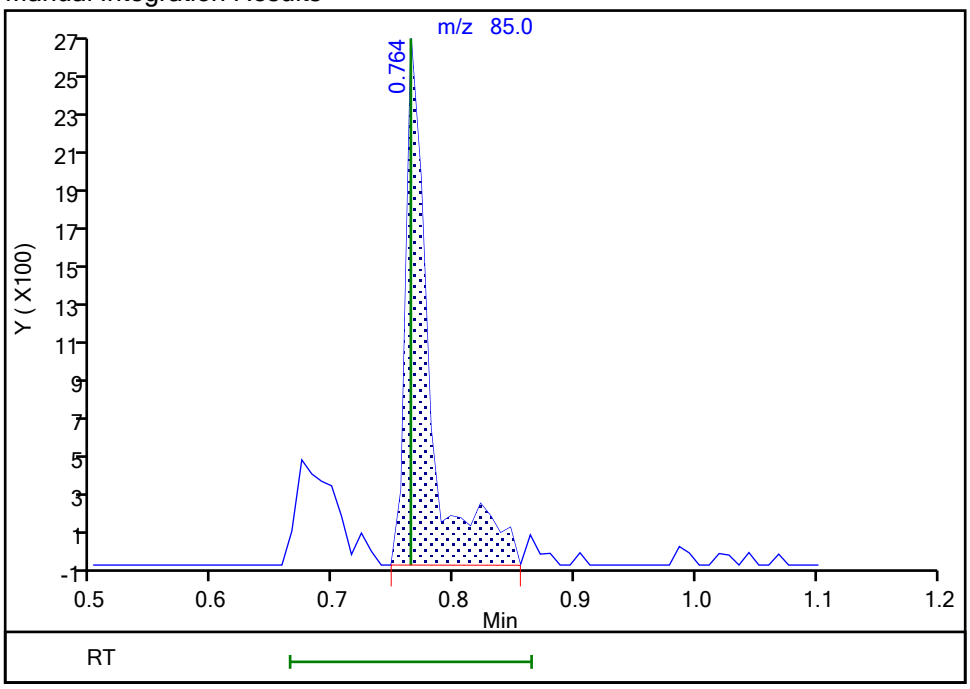
Processing Integration Results

RT: 0.76
Area: 2958
Amount: 0.763409
Amount Units: ug/l



Manual Integration Results

RT: 0.76
Area: 3759
Amount: 0.937821
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:32:34
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

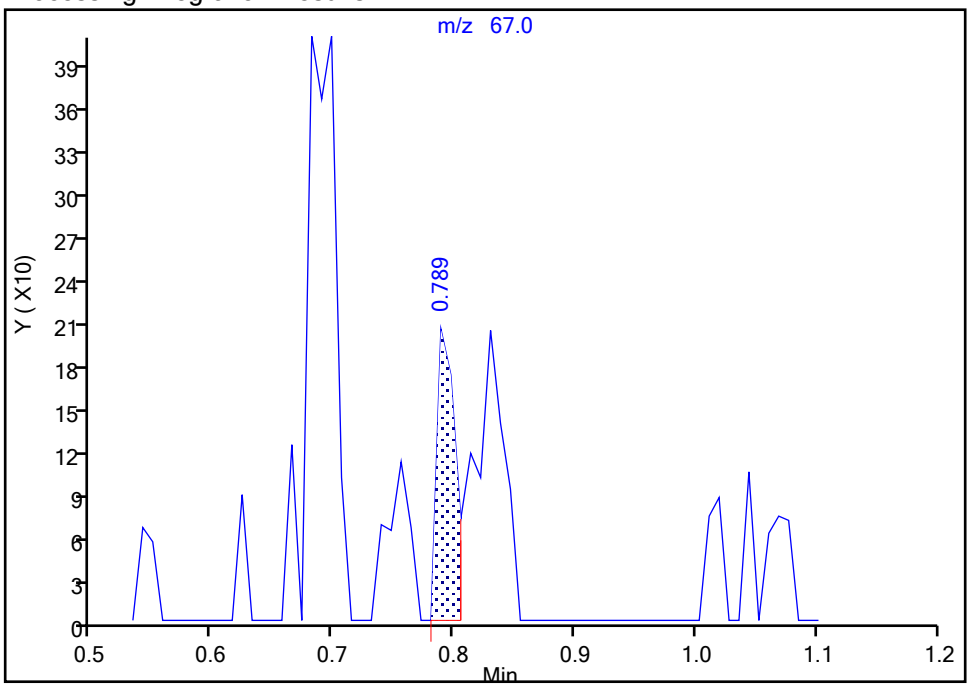
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

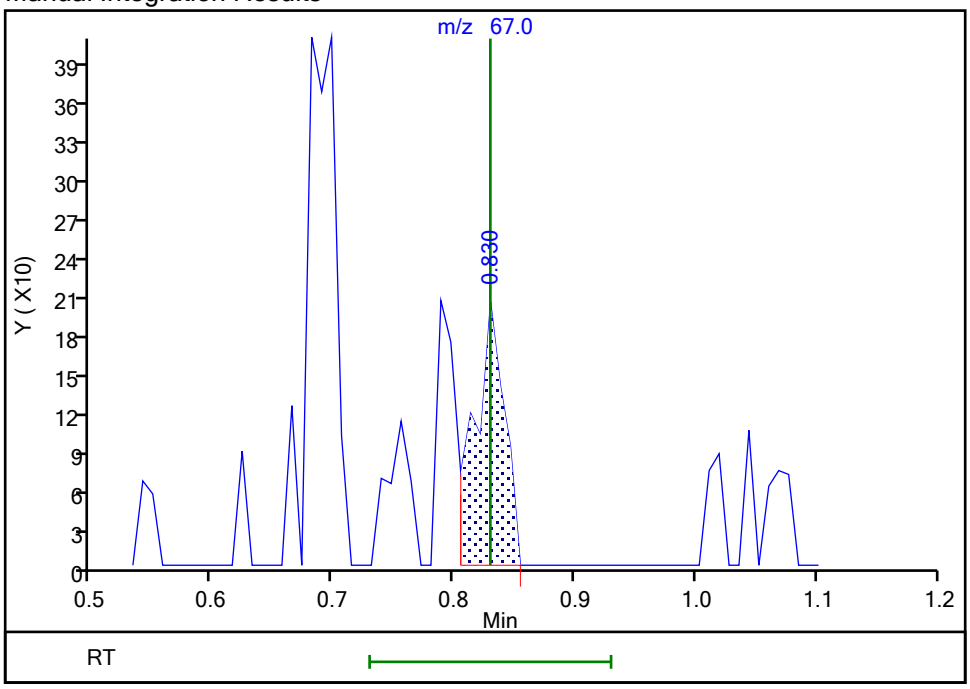
Processing Integration Results

RT: 0.79
Area: 221
Amount: 0.546192
Amount Units: ug/l



Manual Integration Results

RT: 0.83
Area: 356
Amount: 0.968512
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:50:52
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

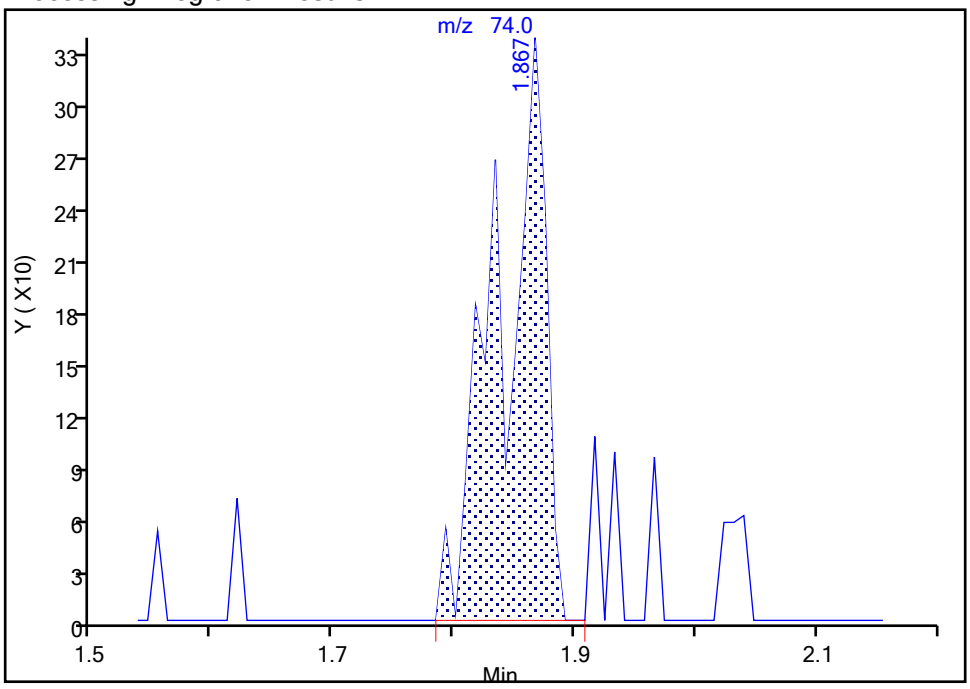
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

30 Methyl acetate, CAS: 79-20-9

Signal: 1

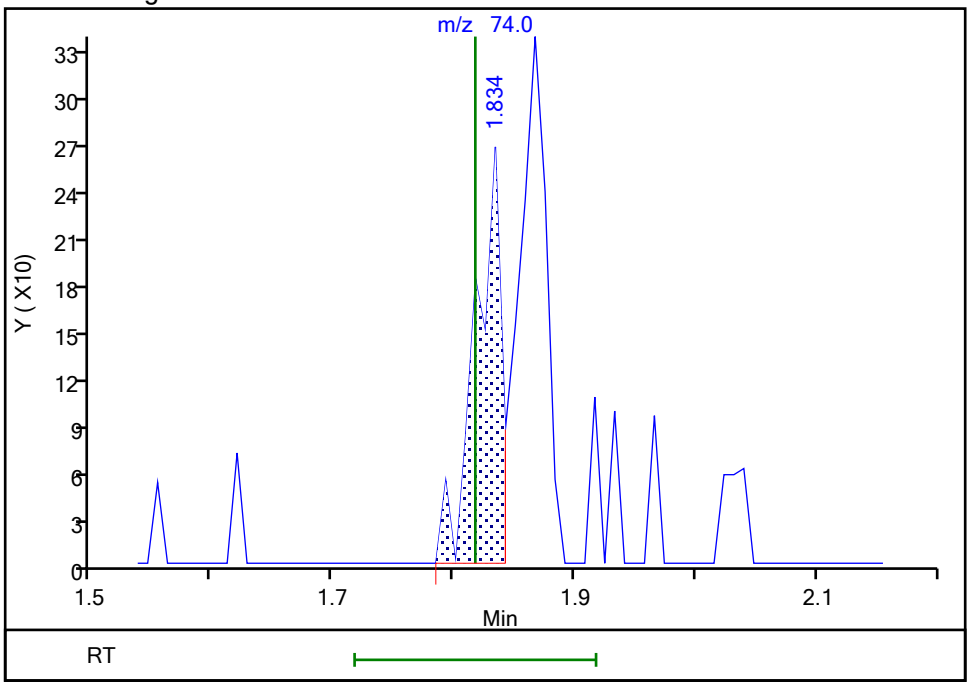
Processing Integration Results

RT: 1.87
Area: 908
Amount: 2.457367
Amount Units: ug/l



Manual Integration Results

RT: 1.83
Area: 405
Amount: 1.998016
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:51:17
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

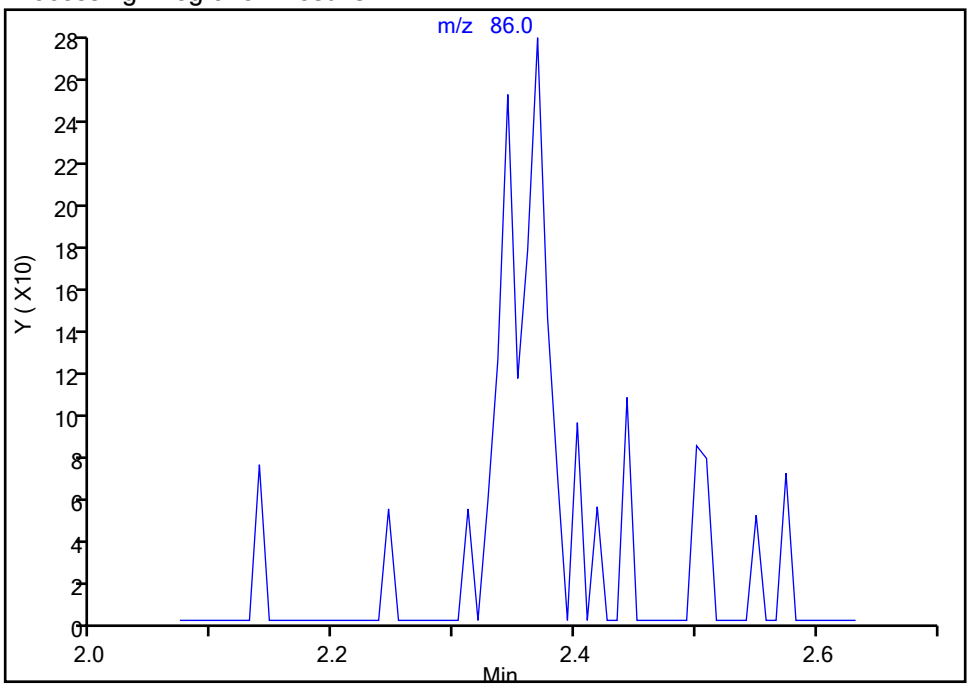
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

41 Vinyl acetate, CAS: 108-05-4

Signal: 1

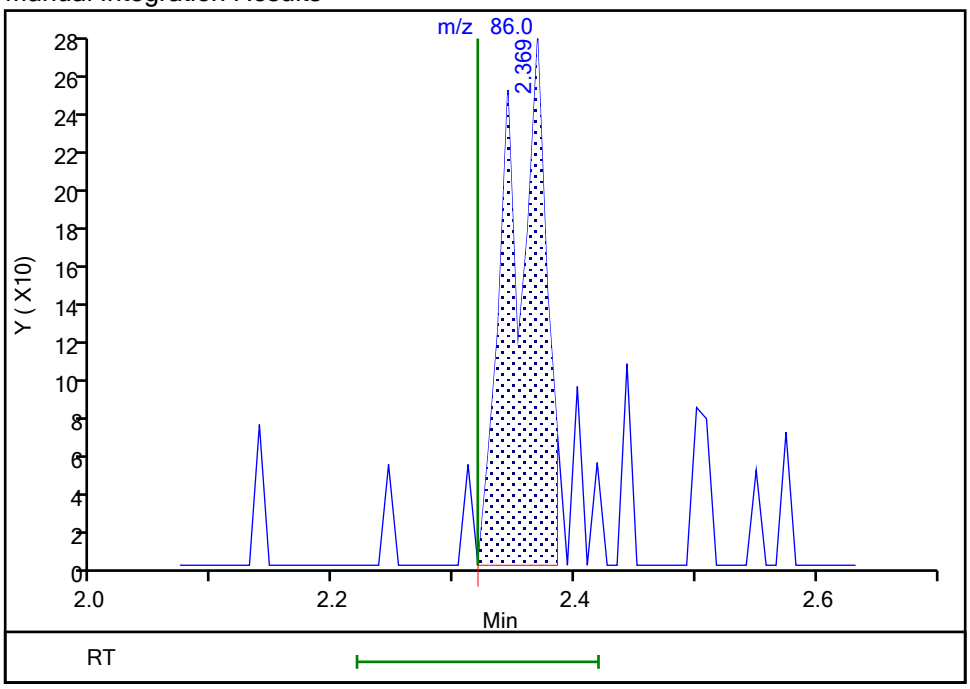
Not Detected
Expected RT: 2.32

Processing Integration Results



Manual Integration Results

RT: 2.37
Area: 599
Amount: 2.047908
Amount Units: ug/l



Reviewer: boykink, 30-Mar-2021 20:33:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

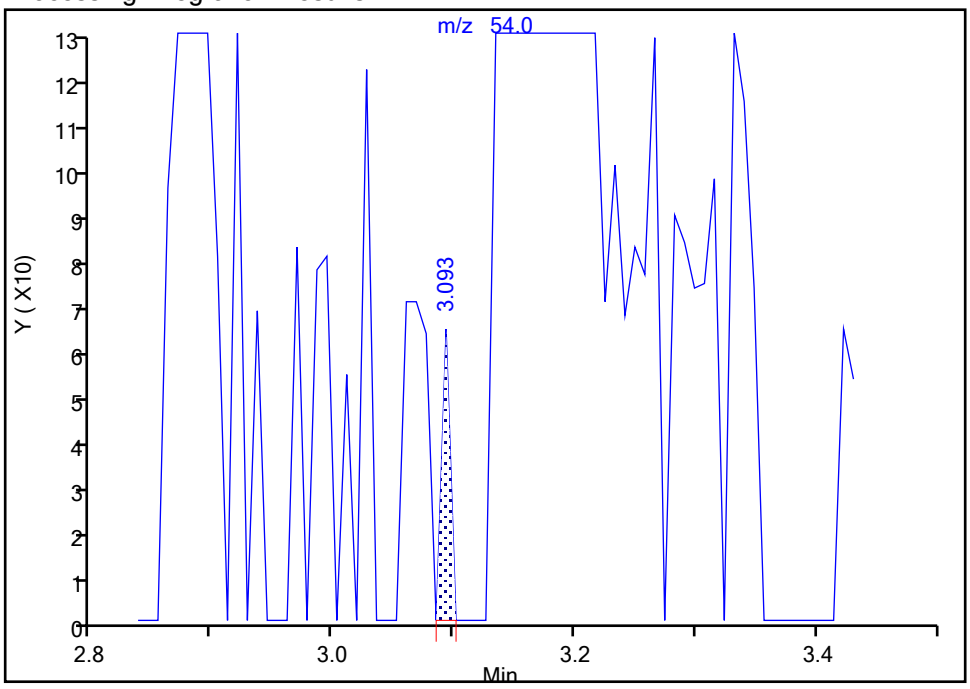
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

59 Propionitrile, CAS: 107-12-0

Signal: 1

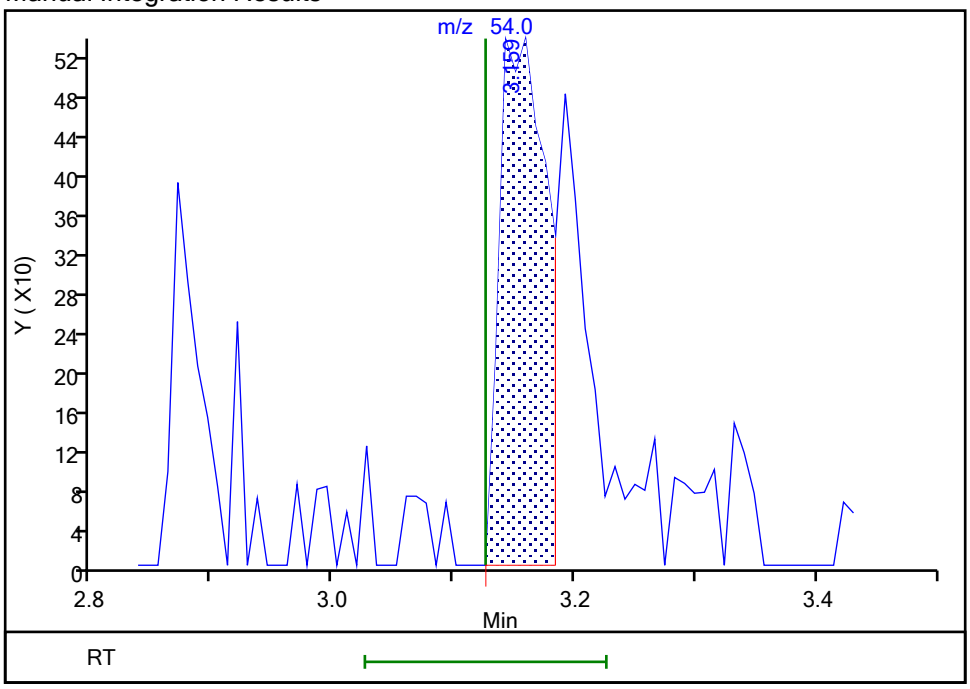
Processing Integration Results

RT: 3.09
Area: 32
Amount: 0.102550
Amount Units: ug/l



Manual Integration Results

RT: 3.16
Area: 1464
Amount: 4.691660
Amount Units: ug/l



Reviewer: boykink, 30-Mar-2021 20:34:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

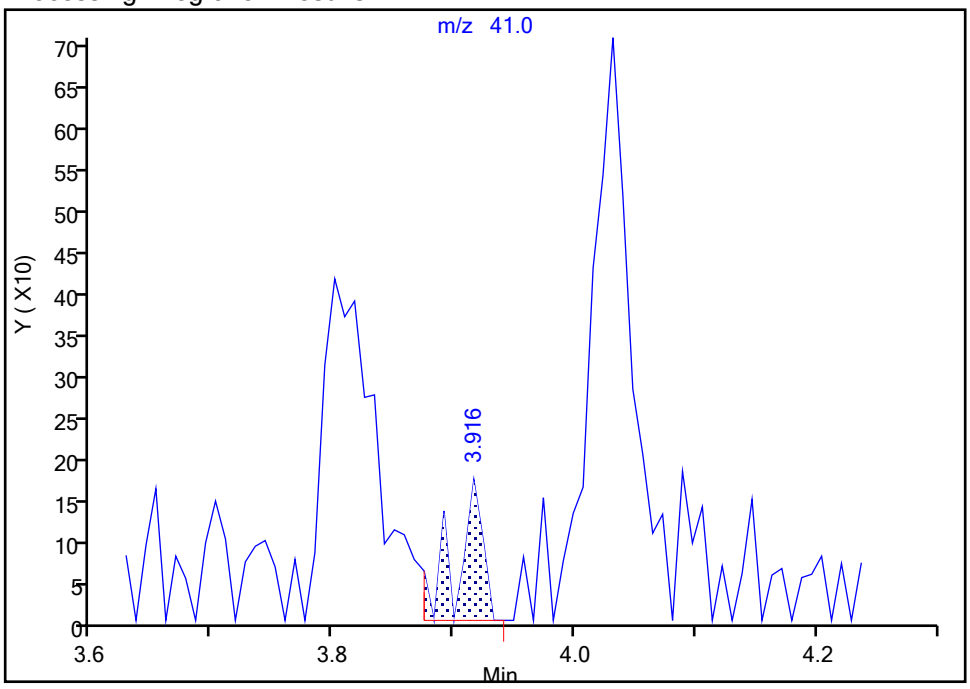
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

72 n-Butanol, CAS: 71-36-3

Signal: 2

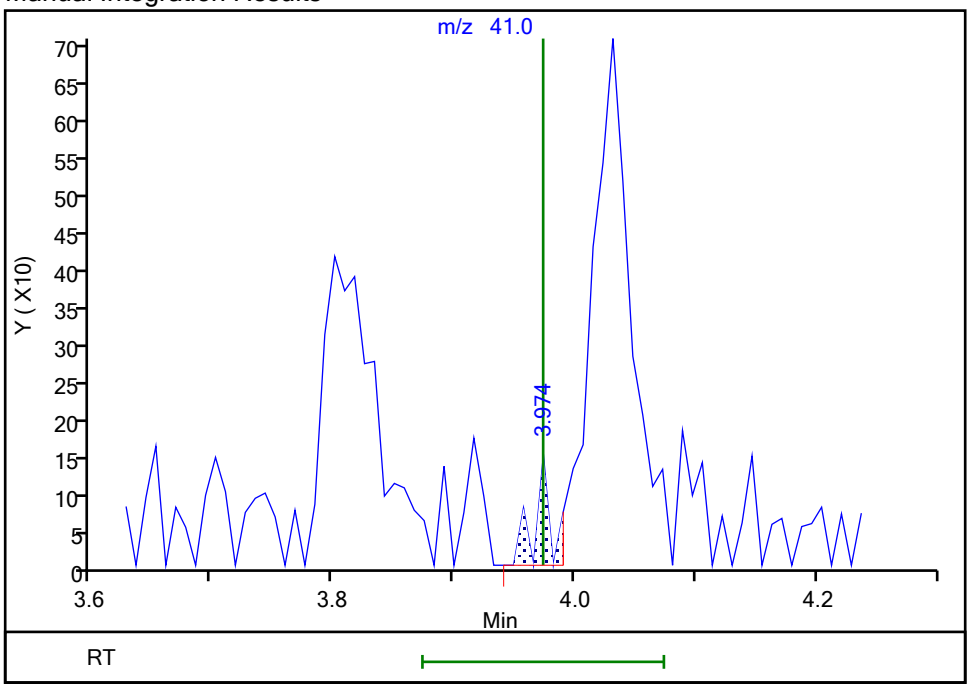
Processing Integration Results

RT: 3.92
Area: 261
Amount: 0.580115
Amount Units: ug/l



Manual Integration Results

RT: 3.97
Area: 147
Amount: 4.438768
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:34:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

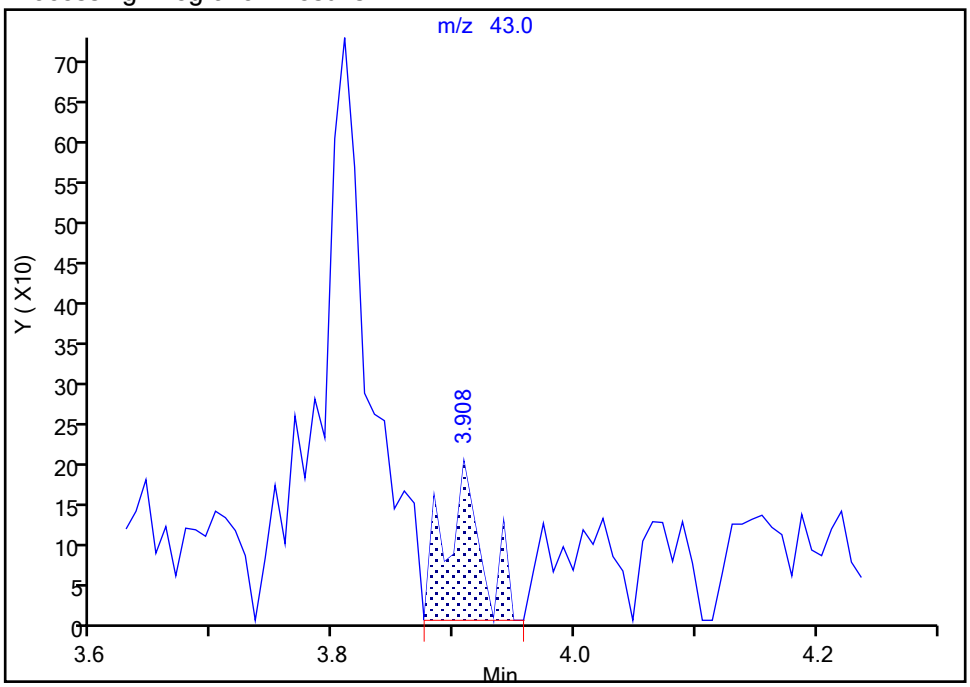
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

72 n-Butanol, CAS: 71-36-3

Signal: 3

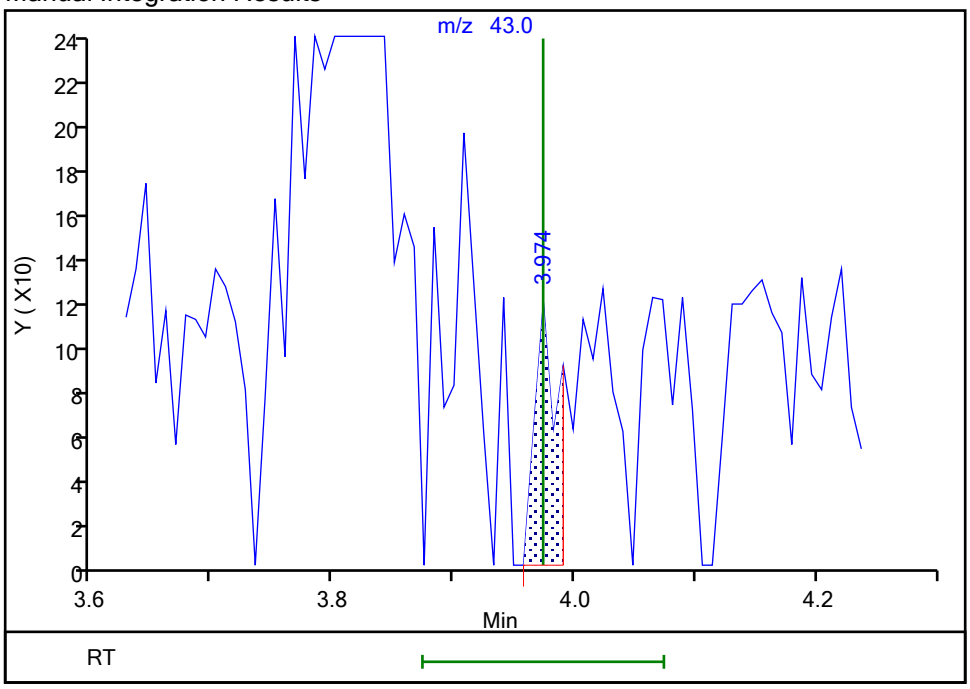
Processing Integration Results

RT: 3.91
Area: 402
Amount: 0.580115
Amount Units: ug/l



Manual Integration Results

RT: 3.97
Area: 164
Amount: 4.438768
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:34:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

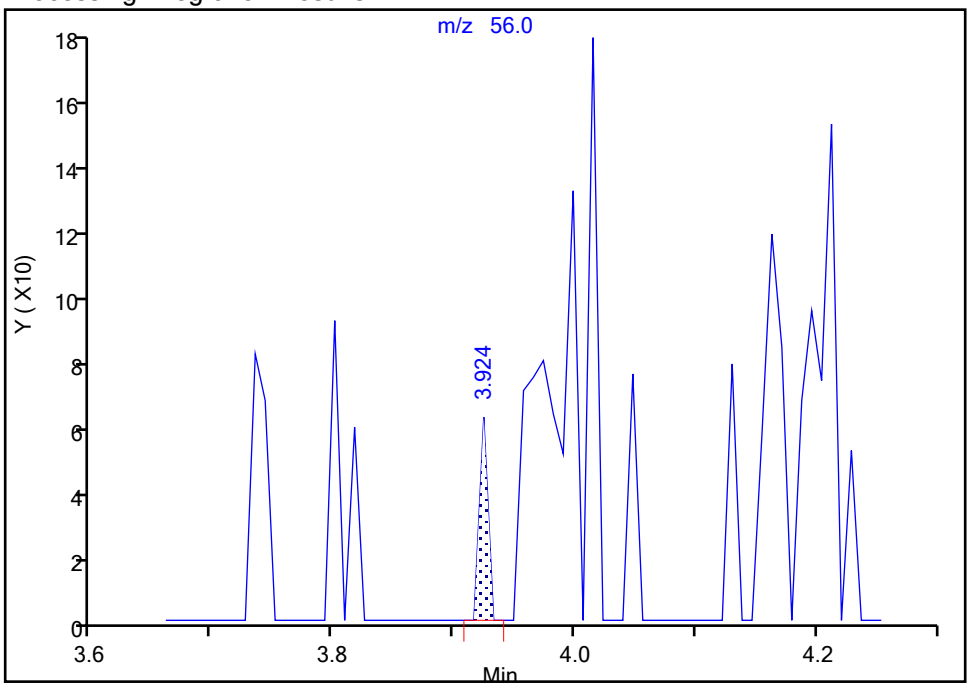
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

72 n-Butanol, CAS: 71-36-3

Signal: 1

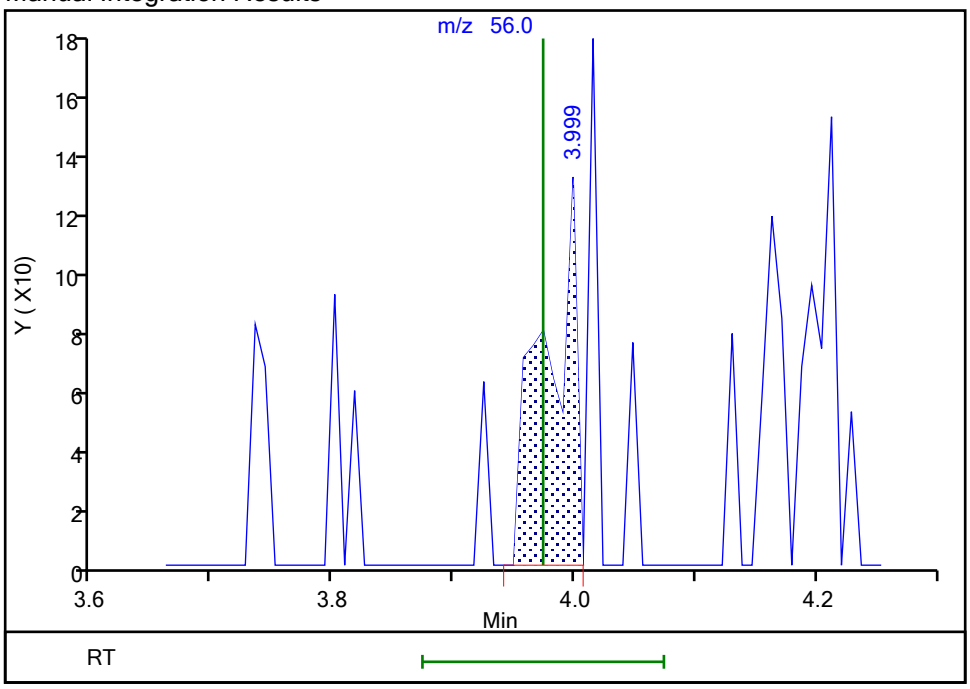
Processing Integration Results

RT: 3.92
Area: 30
Amount: 0.580115
Amount Units: ug/l



Manual Integration Results

RT: 4.00
Area: 228
Amount: 4.438768
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:51:55
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

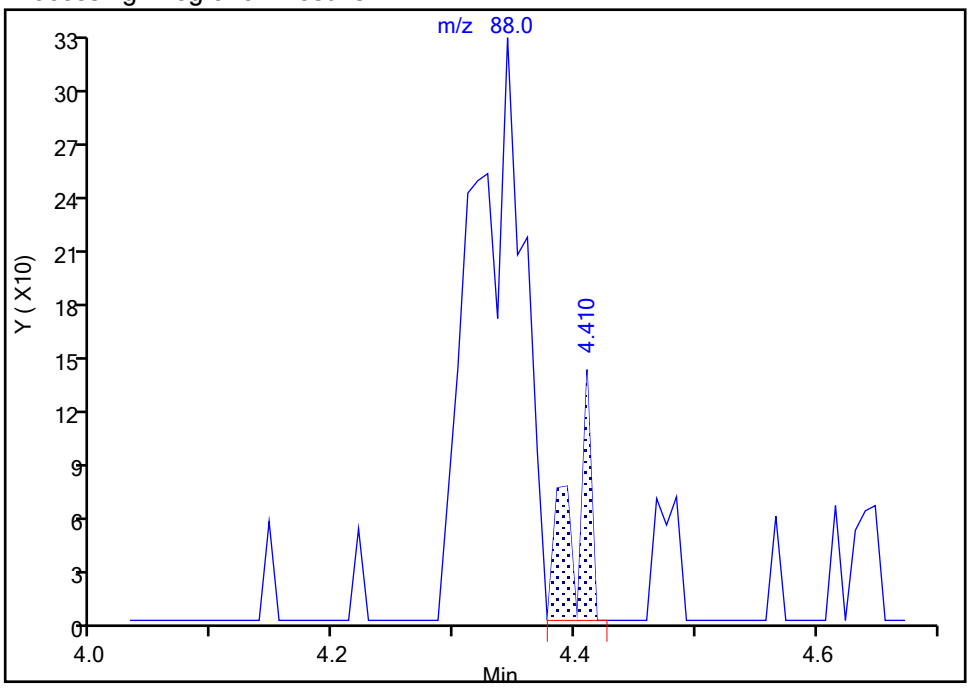
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

78 1,4-Dioxane, CAS: 123-91-1

Signal: 1

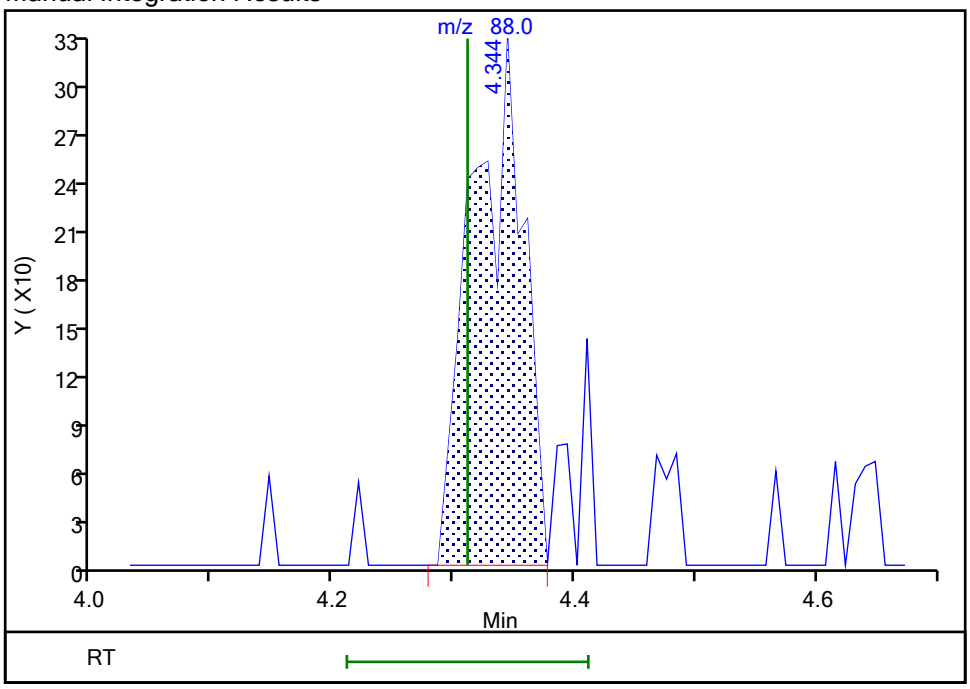
Processing Integration Results

RT: 4.41
Area: 145
Amount: 5.656223
Amount Units: ug/l



Manual Integration Results

RT: 4.34
Area: 977
Amount: 43.120234
Amount Units: ug/l



Reviewer: boykink, 30-Mar-2021 20:34:33
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

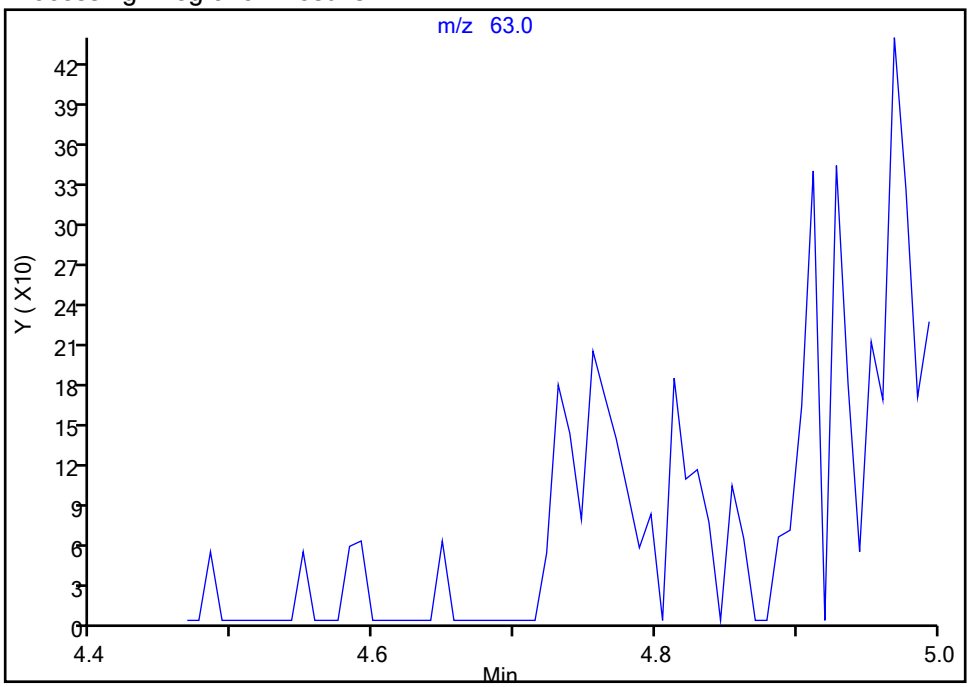
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

80 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

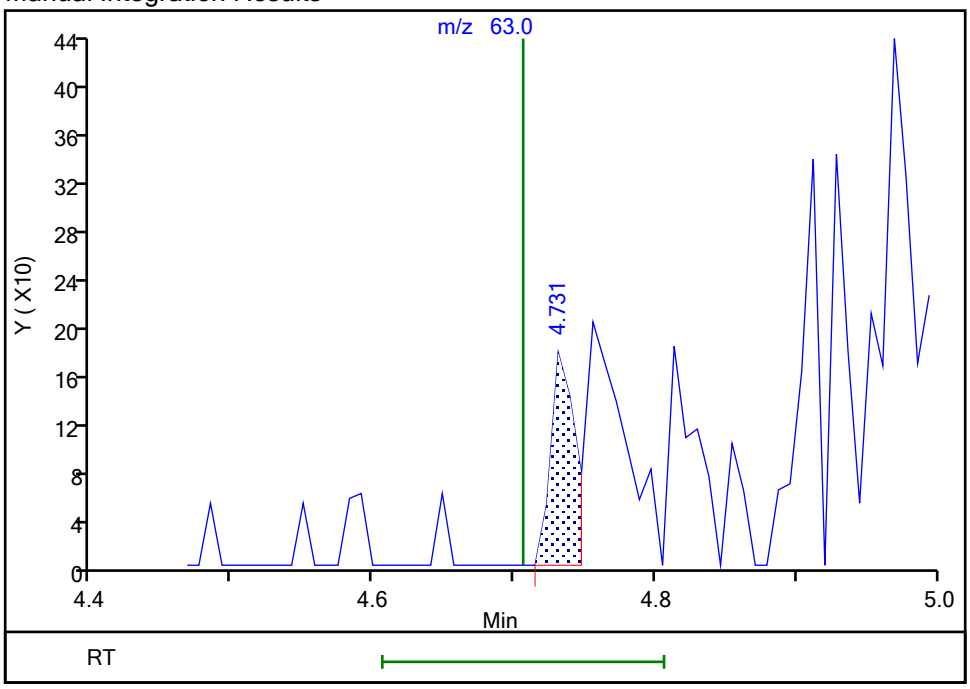
Not Detected
Expected RT: 4.71

Processing Integration Results



Manual Integration Results

RT: 4.73
Area: 217
Amount: 1.014362
Amount Units: ug/l



Reviewer: boykink, 30-Mar-2021 20:34:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

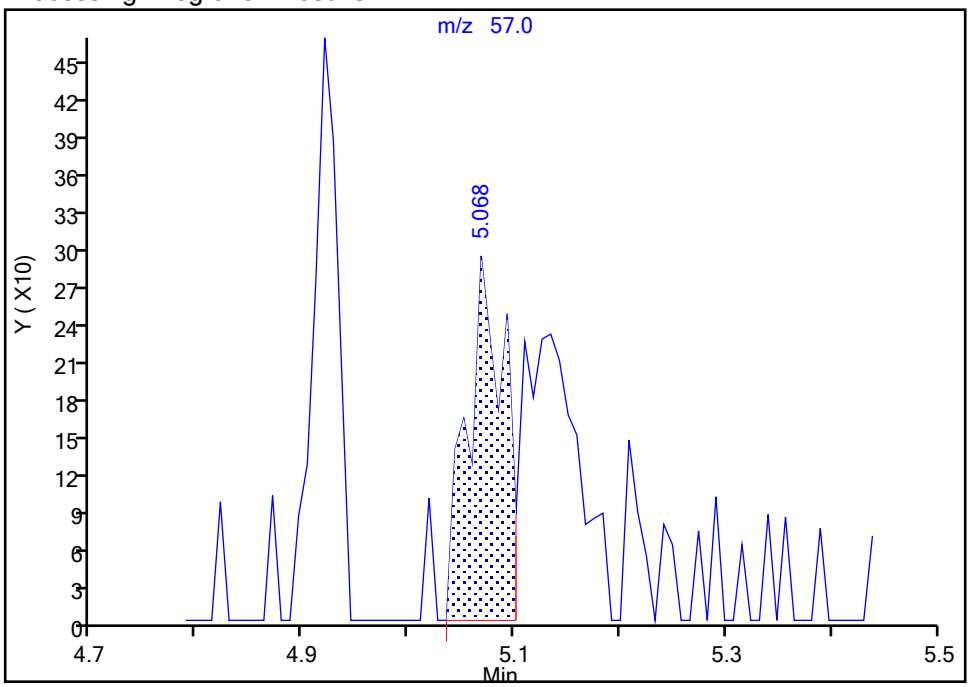
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

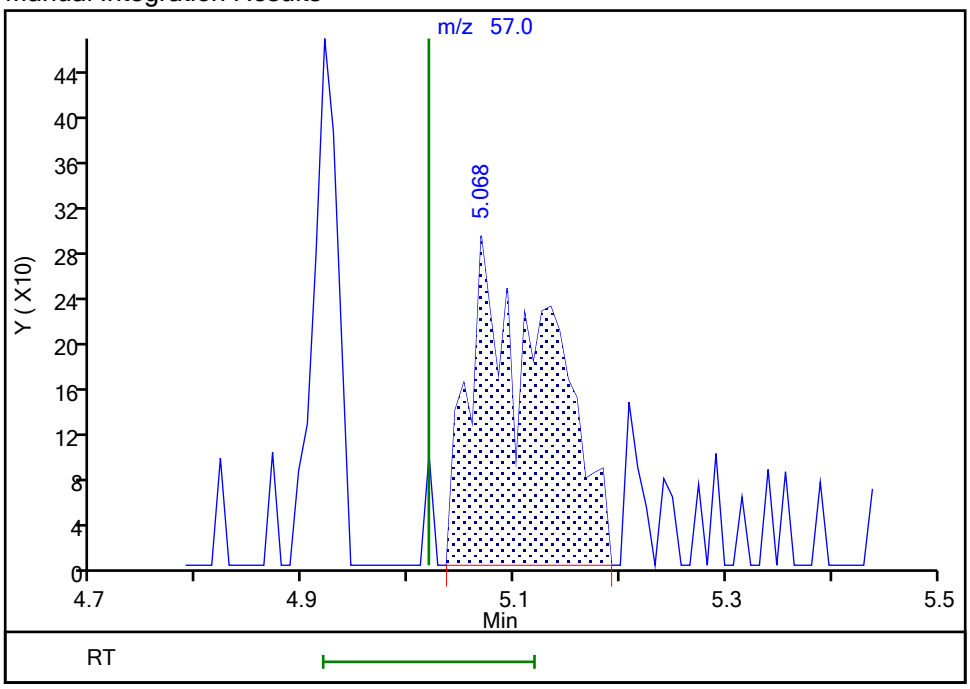
Processing Integration Results

RT: 5.07
Area: 701
Amount: 4.752496
Amount Units: ug/l



Manual Integration Results

RT: 5.07
Area: 1494
Amount: 10.128195
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:35:52
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

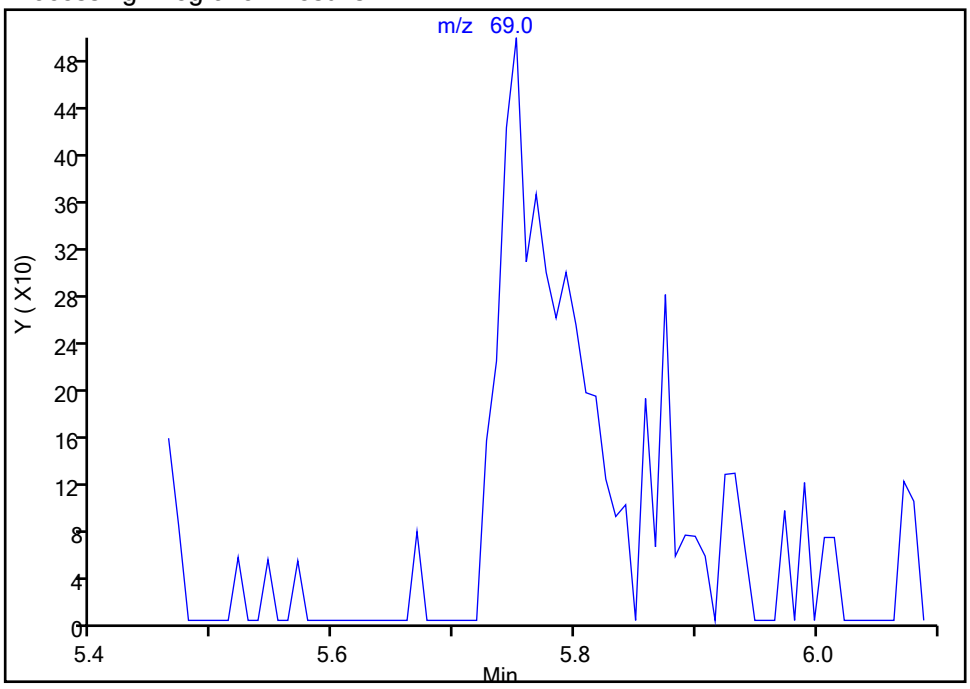
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

90 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

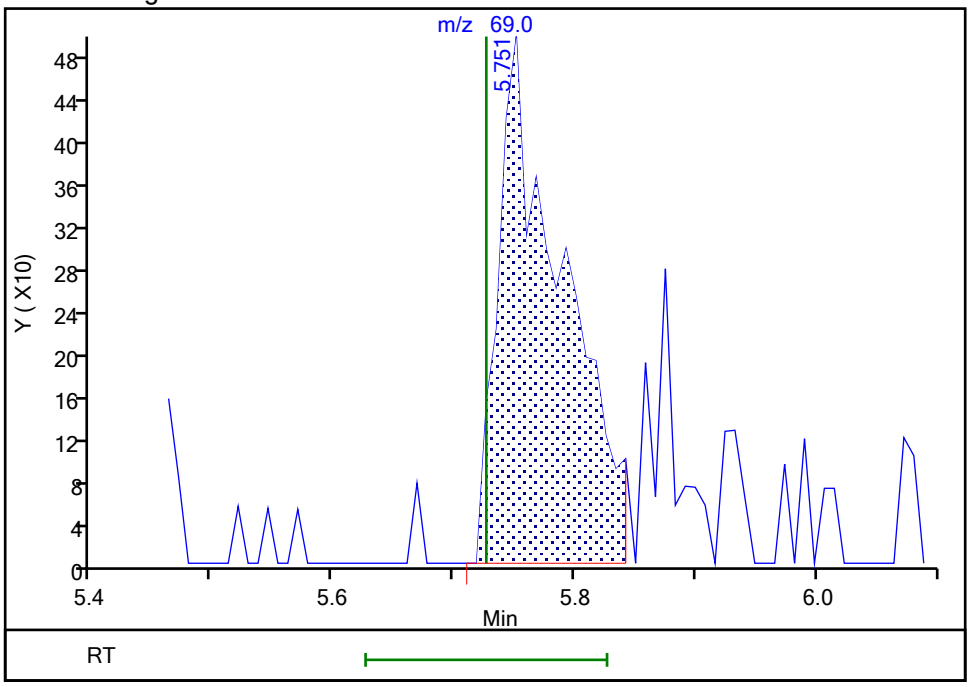
Not Detected
Expected RT: 5.73

Processing Integration Results



Manual Integration Results

RT: 5.75
Area: 1863
Amount: 1.005218
Amount Units: ug/l



Reviewer: boykink, 30-Mar-2021 20:34:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

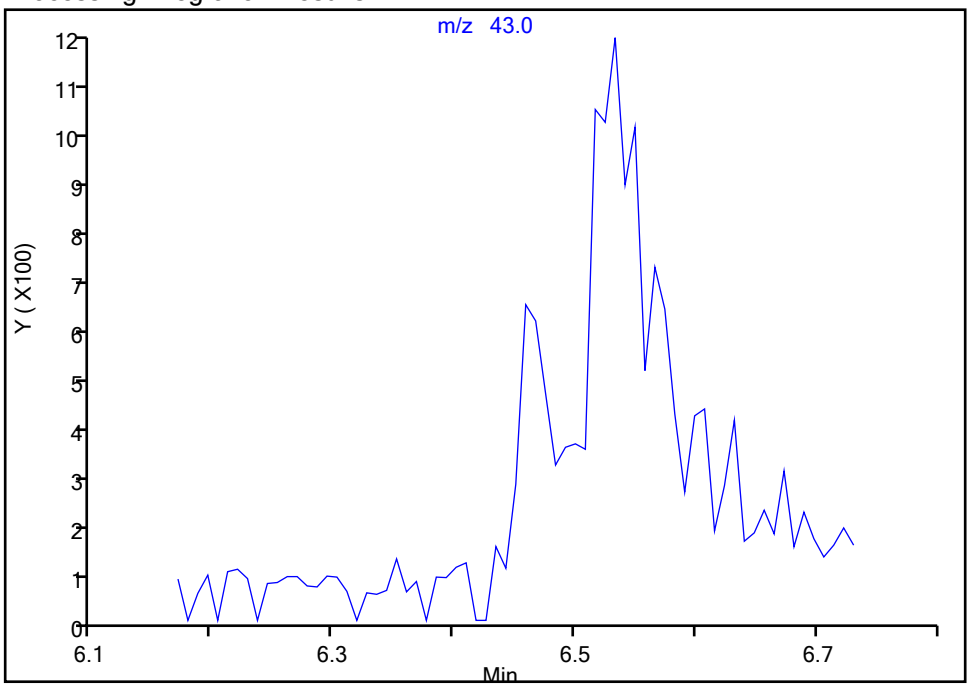
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

94 n-Butyl acetate, CAS: 123-86-4

Signal: 1

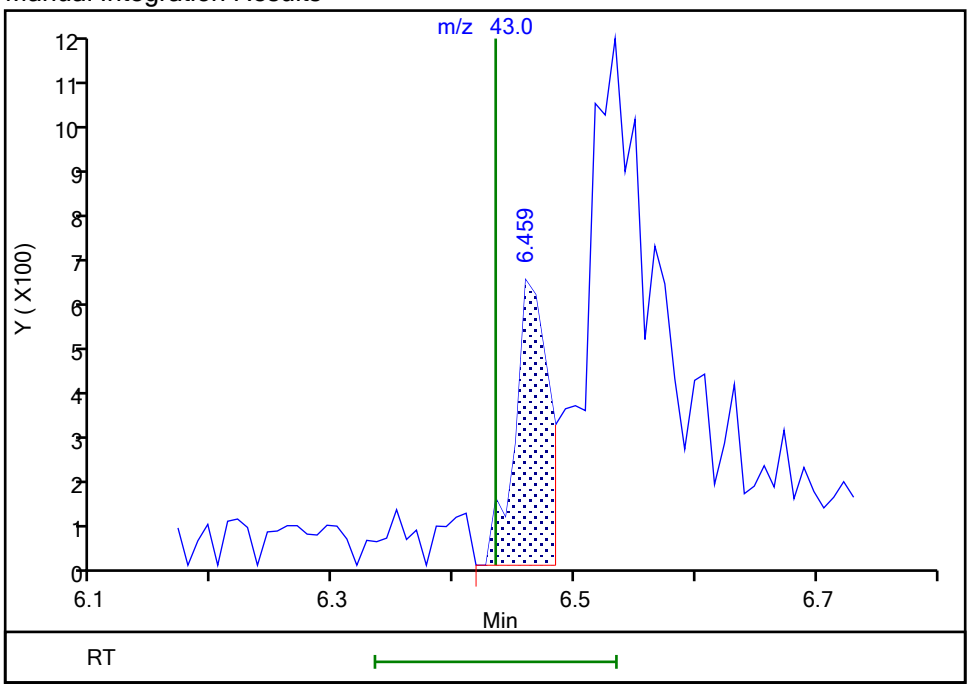
Not Detected
Expected RT: 6.43

Processing Integration Results



Manual Integration Results

RT: 6.46
Area: 1264
Amount: 0.308002
Amount Units: ug/l



Reviewer: boykink, 30-Mar-2021 20:34:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

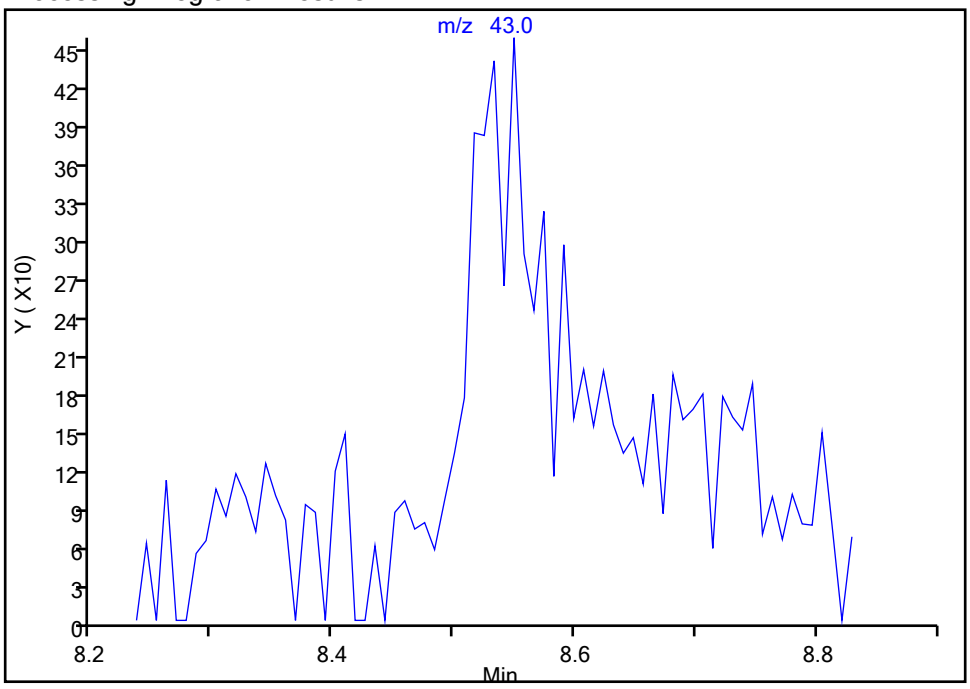
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

106 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

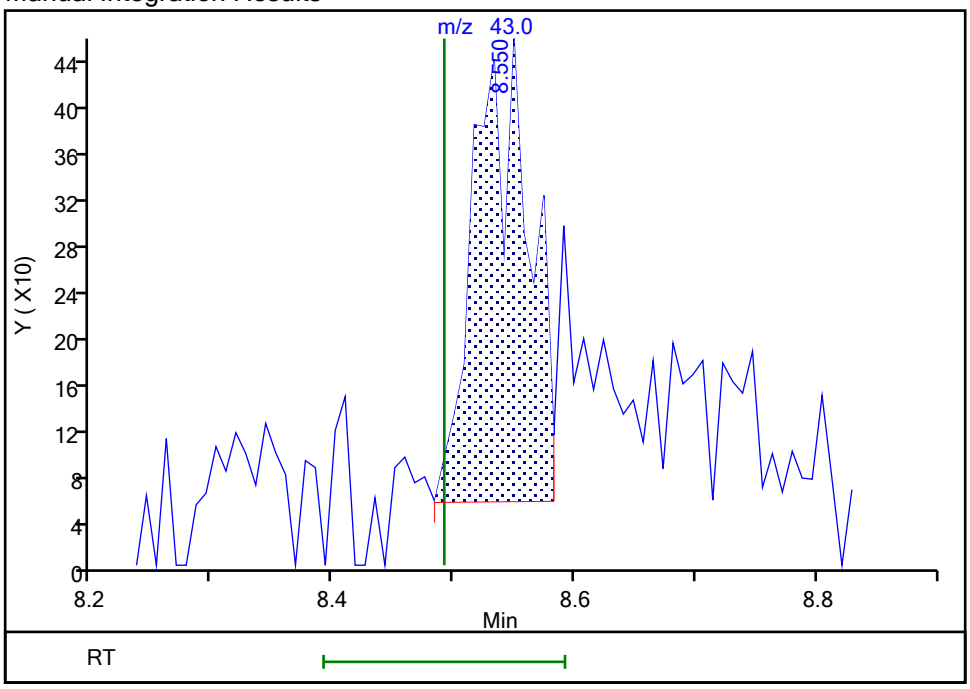
Not Detected
Expected RT: 8.49

Processing Integration Results



Manual Integration Results

RT: 8.55
Area: 1285
Amount: 1.017557
Amount Units: ug/l



Reviewer: boykink, 30-Mar-2021 20:35:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

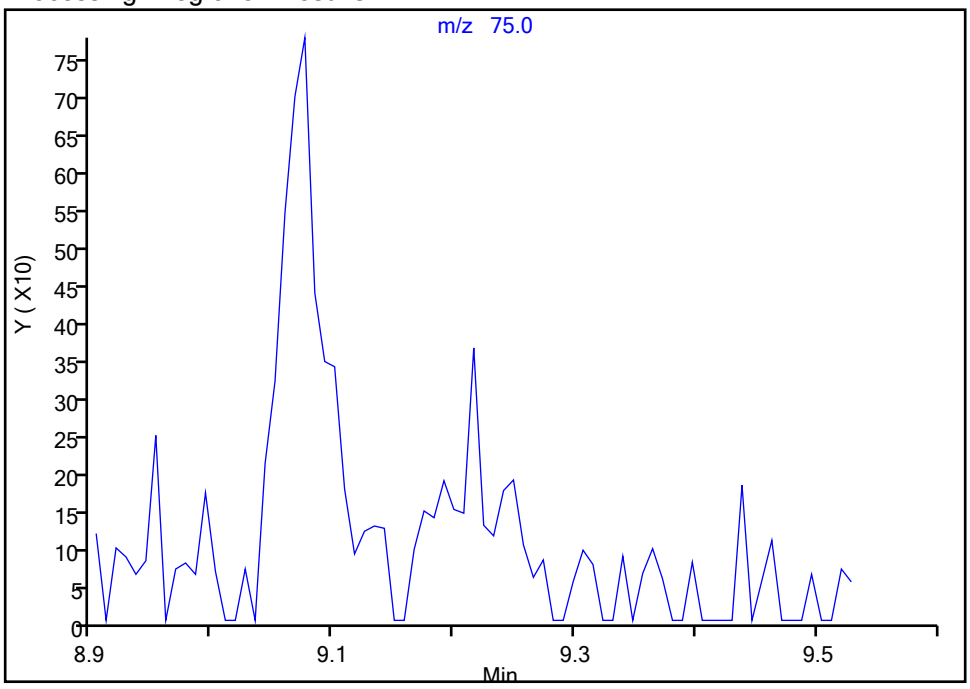
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

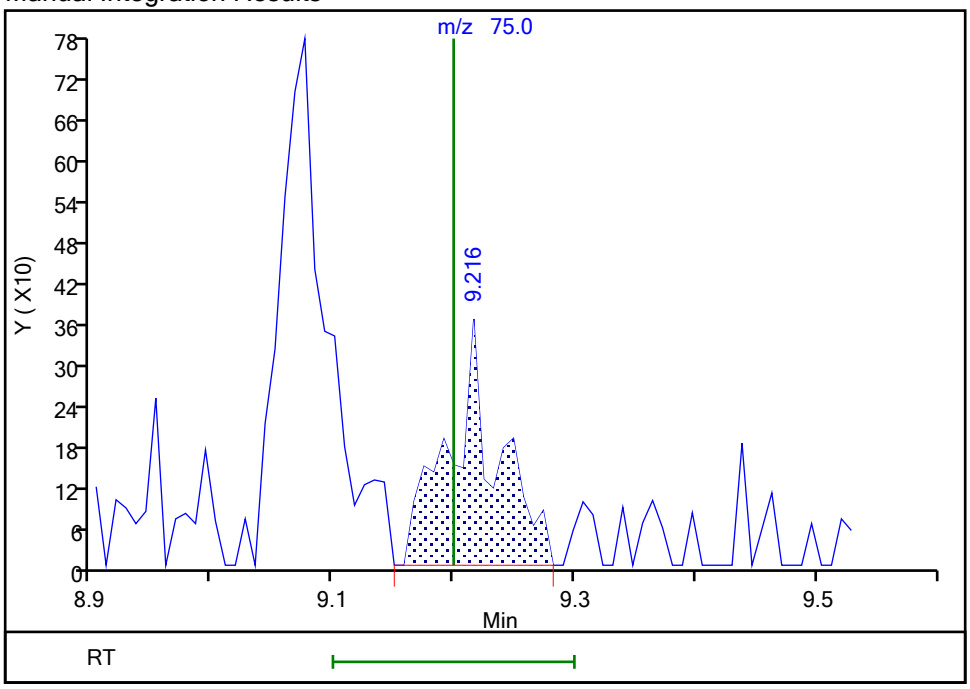
Not Detected
Expected RT: 9.20

Processing Integration Results



Manual Integration Results

RT: 9.22
Area: 1009
Amount: 1.228559
Amount Units: ug/l



Reviewer: boykink, 30-Mar-2021 20:35:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

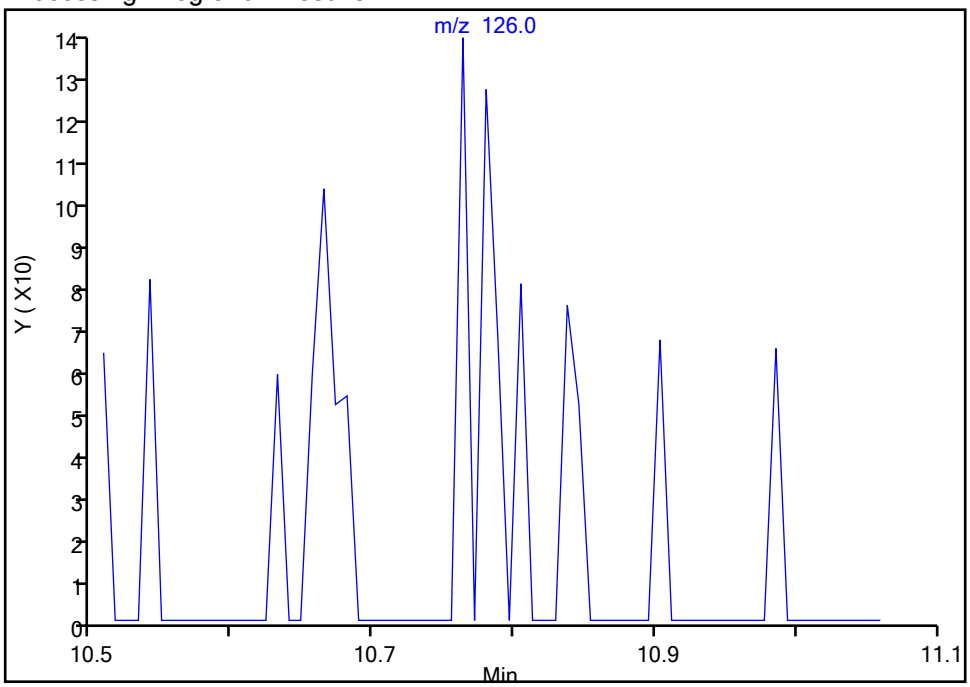
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

128 Benzyl chloride, CAS: 100-44-7

Signal: 1

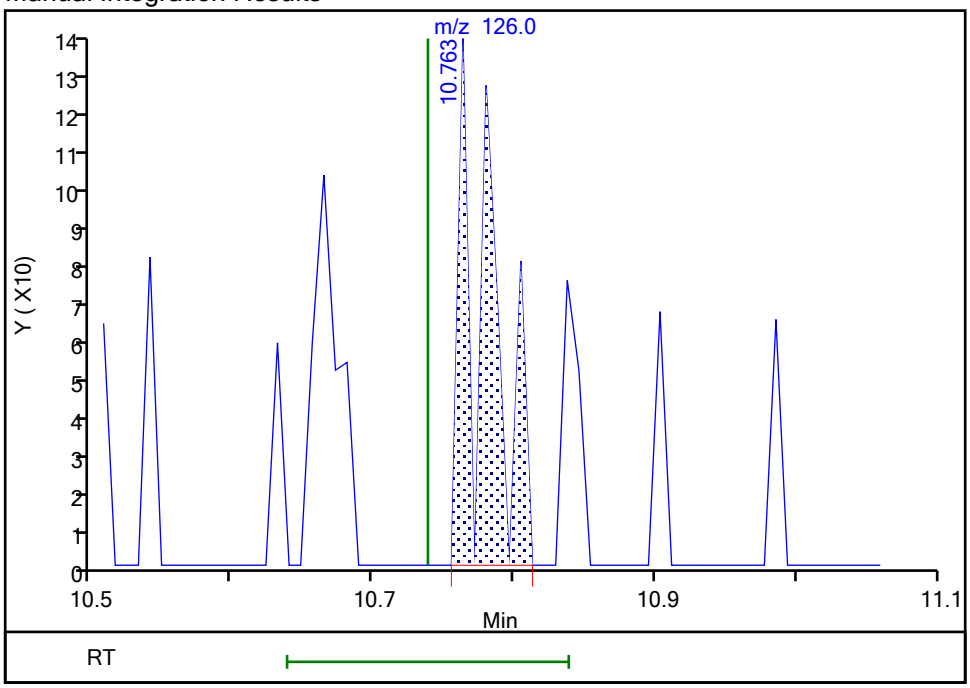
Not Detected
Expected RT: 10.74

Processing Integration Results



Manual Integration Results

RT: 10.76
Area: 199
Amount: 0.283452
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:37:39
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

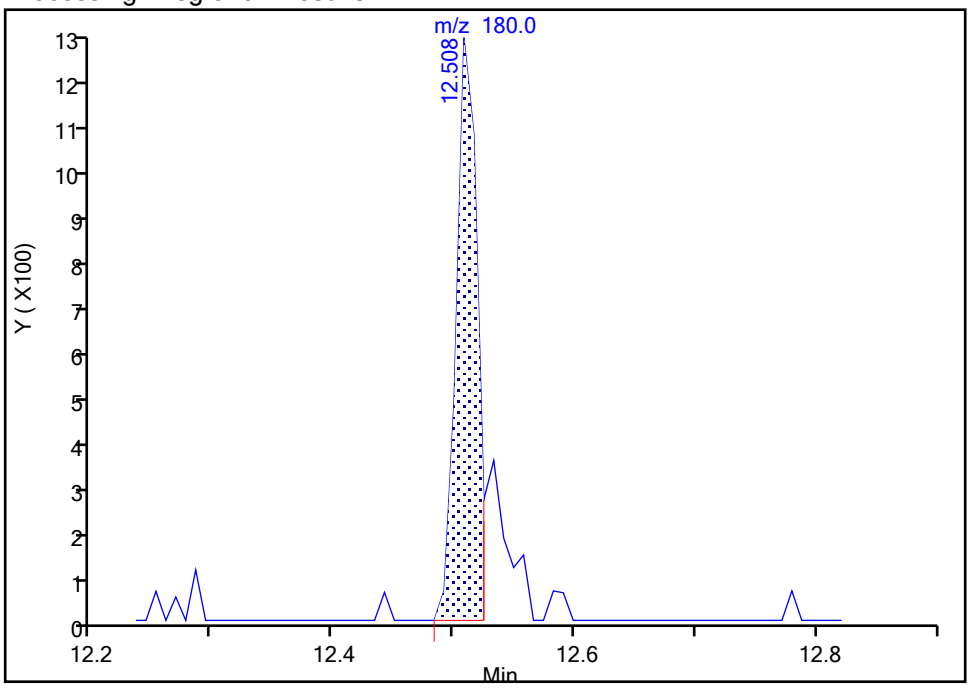
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D
Injection Date: 30-Mar-2021 20:10:30 Instrument ID: CVOAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

134 1,2,4-Trichlorobenzene, CAS: 120-82-1

Signal: 1

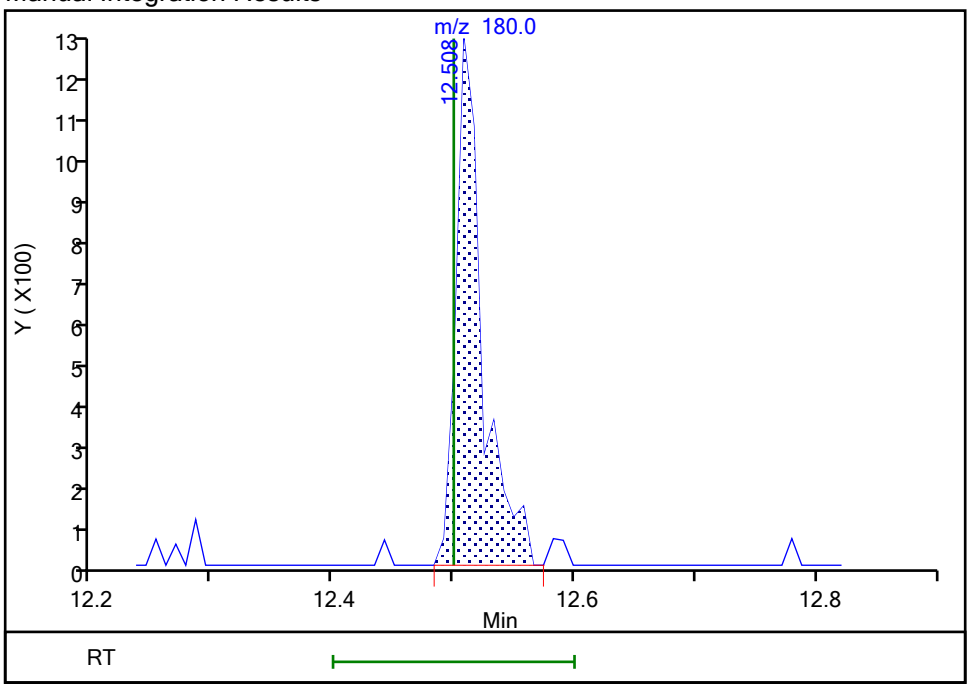
Processing Integration Results

RT: 12.51
Area: 1518
Amount: 0.897094
Amount Units: ug/l



Manual Integration Results

RT: 12.51
Area: 1898
Amount: 1.081196
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 10:53:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

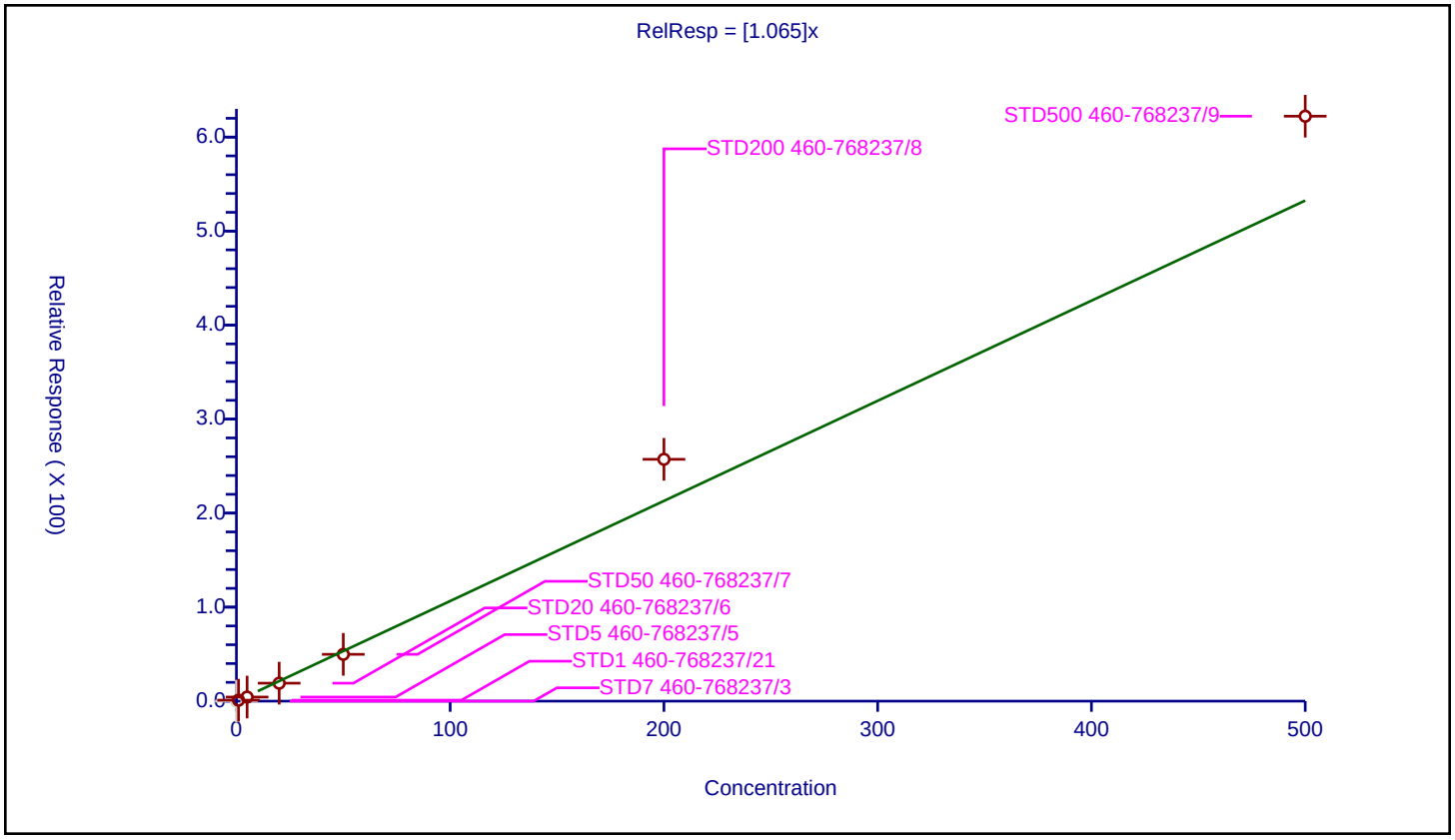
Curve Coefficients

Intercept:	0
Slope:	1.065

Error Coefficients

Standard Error:	298000
Relative Standard Error:	15.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	250.0	229579.0	NaN	N
2	STD1 460-768237/21	1.0	1.039489	250.0	209478.0	1.039489	Y
3	STD5 460-768237/5	5.0	4.341191	250.0	223441.0	0.868238	Y
4	STD20 460-768237/6	20.0	19.107049	250.0	223674.0	0.955352	Y
5	STD50 460-768237/7	50.0	49.795121	250.0	228672.0	0.995902	Y
6	STD200 460-768237/8	200.0	257.246008	250.0	235716.0	1.28623	Y
7	STD500 460-768237/9	500.0	622.214545	250.0	248927.0	1.244429	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

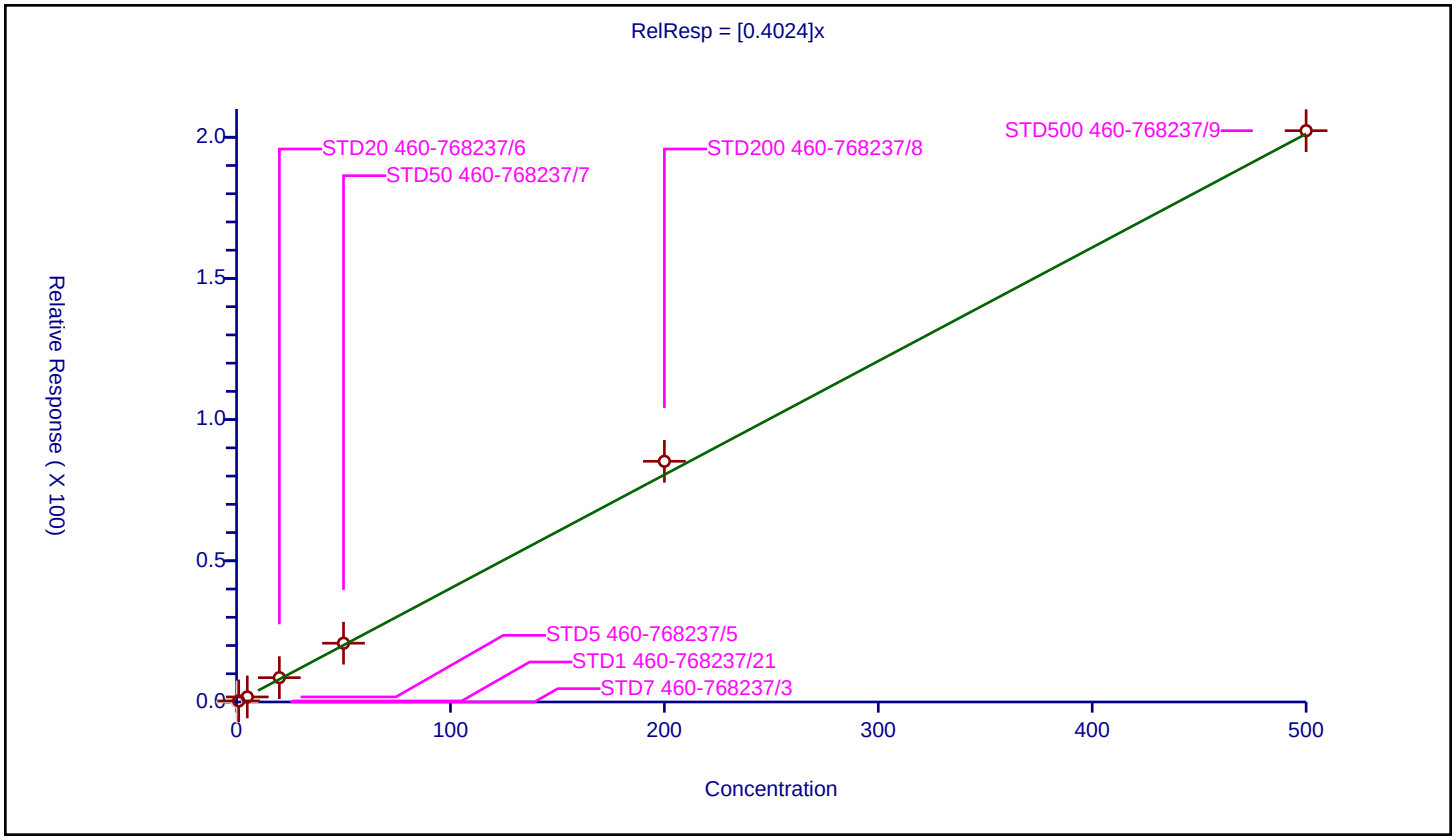
Curve Coefficients

Intercept:	0
Slope:	0.4024

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.25	0.0	50.0	562392.0	0.0	N
2	STD1 460-768237/21	1.0	0.377391	50.0	498024.0	0.377391	Y
3	STD5 460-768237/5	5.0	1.793972	50.0	534317.0	0.358794	Y
4	STD20 460-768237/6	20.0	8.619383	50.0	504021.0	0.430969	Y
5	STD50 460-768237/7	50.0	20.821173	50.0	512608.0	0.416423	Y
6	STD200 460-768237/8	200.0	85.245737	50.0	542816.0	0.426229	Y
7	STD500 460-768237/9	500.0	202.335666	50.0	563501.0	0.404671	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

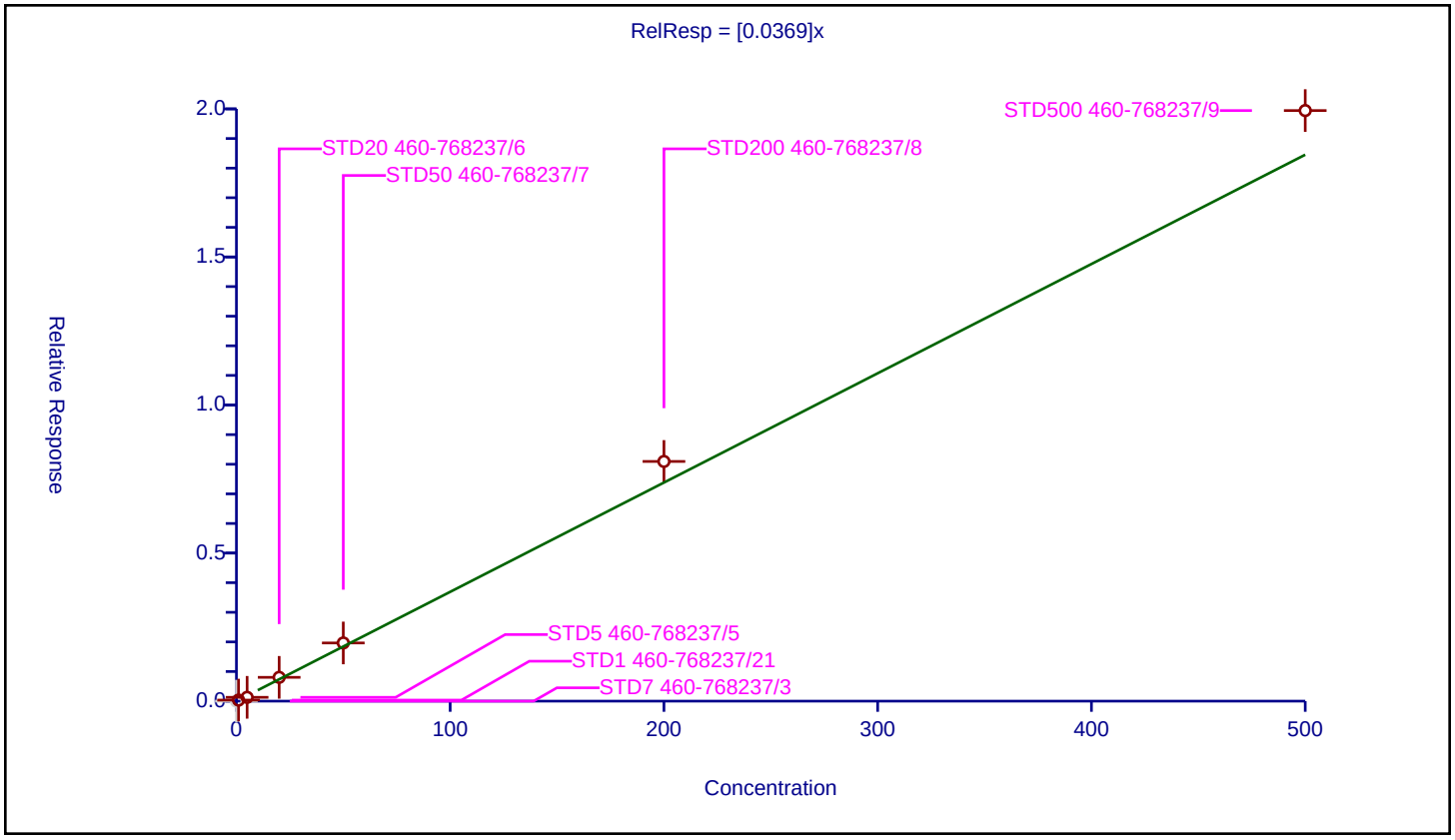
Curve Coefficients

Intercept:	0
Slope:	0.0369

Error Coefficients

Standard Error:	108000
Relative Standard Error:	15.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.035741	50.0	498024.0	0.035741	Y
3	STD5 460-768237/5	5.0	0.12923	50.0	534317.0	0.025846	Y
4	STD20 460-768237/6	20.0	0.803538	50.0	504021.0	0.040177	Y
5	STD50 460-768237/7	50.0	1.964854	50.0	512608.0	0.039297	Y
6	STD200 460-768237/8	200.0	8.094363	50.0	542816.0	0.040472	Y
7	STD500 460-768237/9	500.0	19.943265	50.0	563501.0	0.039887	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

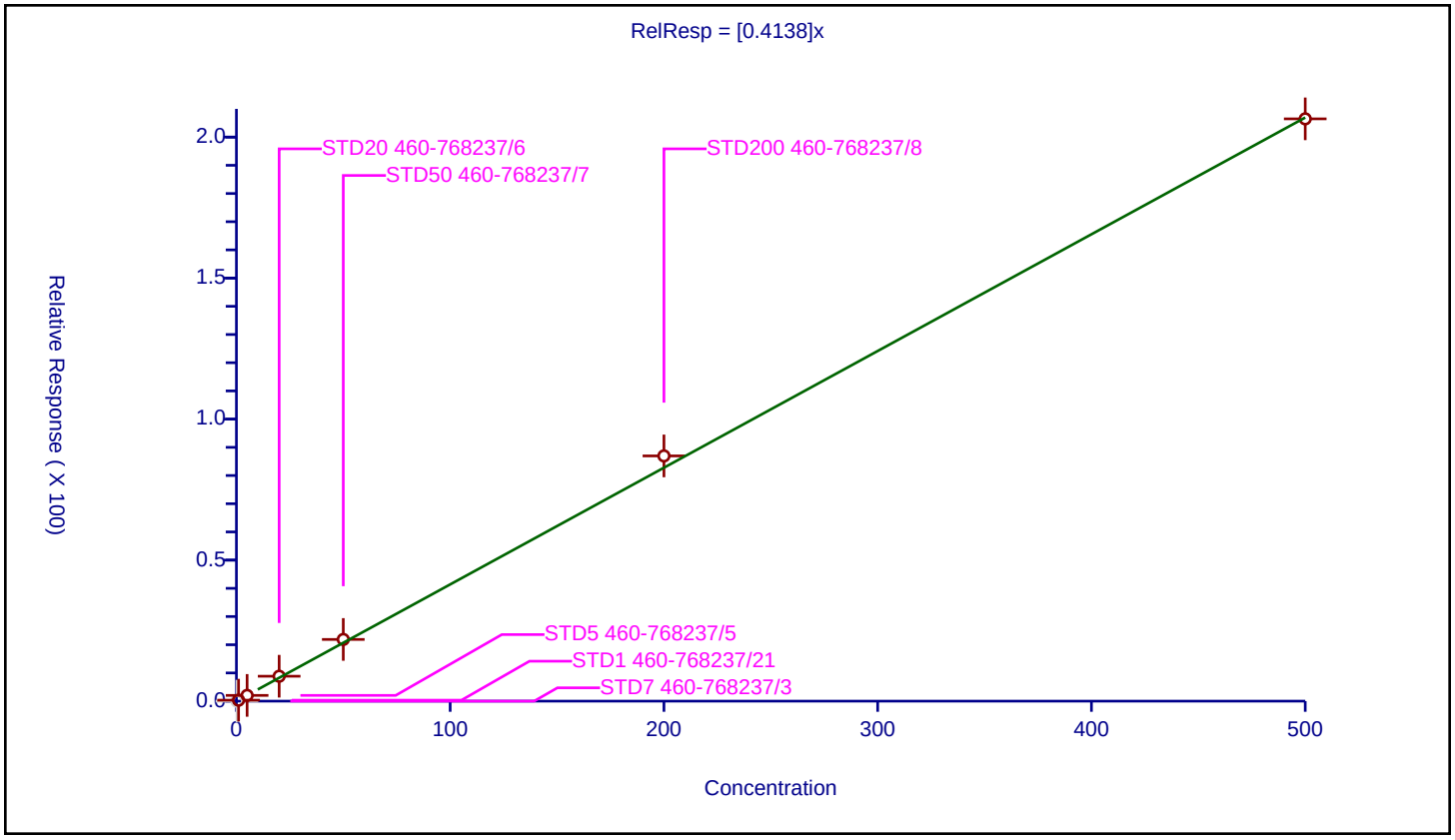
Curve Coefficients

Intercept:	0
Slope:	0.4138

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.25	0.0	50.0	562392.0	0.0	N
2	STD1 460-768237/21	1.0	0.34908	50.0	498024.0	0.34908	Y
3	STD5 460-768237/5	5.0	2.035777	50.0	534317.0	0.407155	Y
4	STD20 460-768237/6	20.0	8.830485	50.0	504021.0	0.441524	Y
5	STD50 460-768237/7	50.0	21.878024	50.0	512608.0	0.43756	Y
6	STD200 460-768237/8	200.0	86.956354	50.0	542816.0	0.434782	Y
7	STD500 460-768237/9	500.0	206.467424	50.0	563501.0	0.412935	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

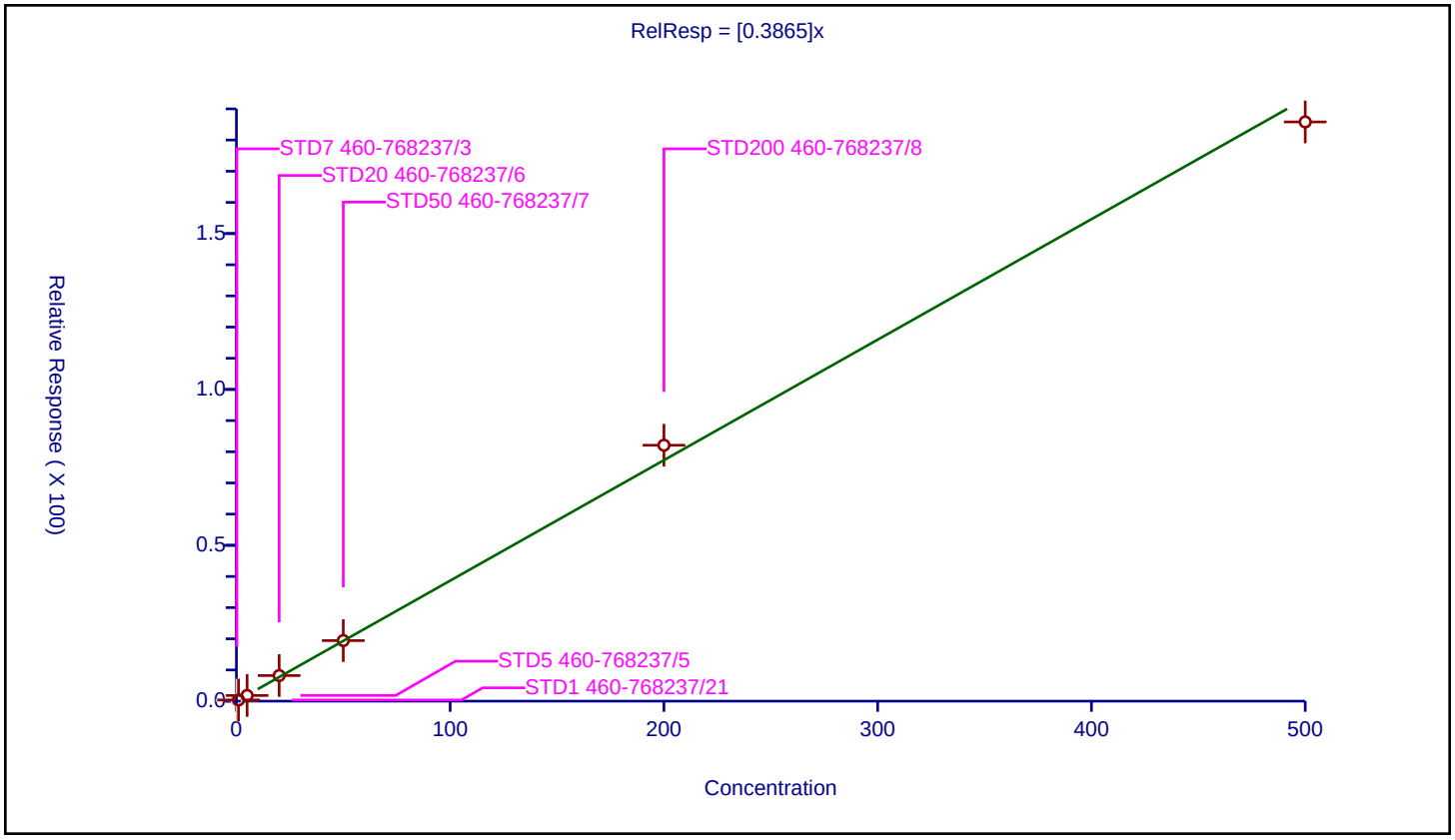
Curve Coefficients

Intercept:	0
Slope:	0.3865

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.25	0.351001	50.0	562392.0	1.404003	N
2	STD1 460-768237/21	1.0	0.37438	50.0	498024.0	0.37438	Y
3	STD5 460-768237/5	5.0	1.819426	50.0	534317.0	0.363885	Y
4	STD20 460-768237/6	20.0	8.207396	50.0	504021.0	0.41037	Y
5	STD50 460-768237/7	50.0	19.42459	50.0	512608.0	0.388492	Y
6	STD200 460-768237/8	200.0	82.101025	50.0	542816.0	0.410505	Y
7	STD500 460-768237/9	500.0	185.809164	50.0	563501.0	0.371618	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

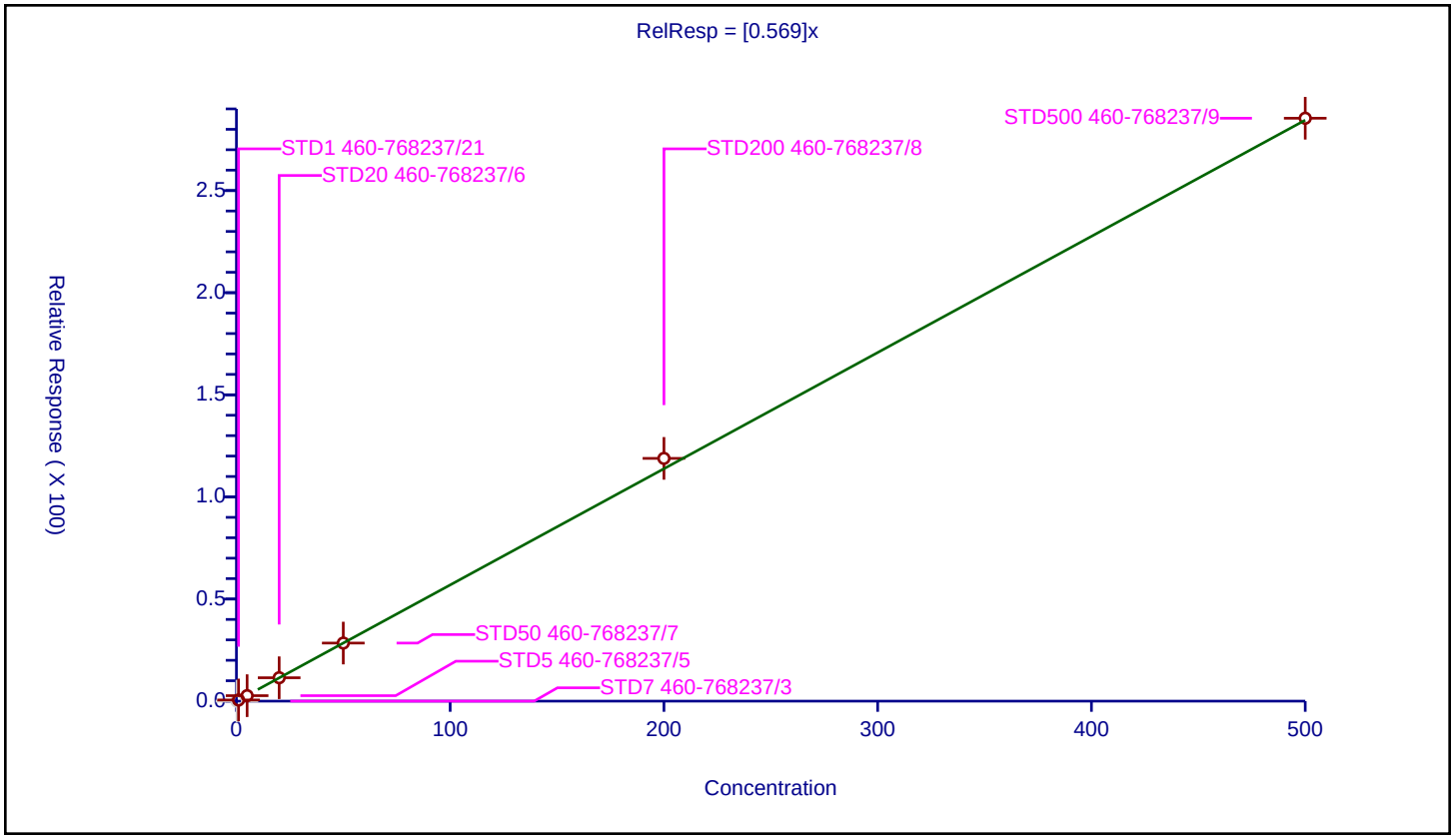
Curve Coefficients

Intercept:	0
Slope:	0.569

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.25	0.0	50.0	562392.0	0.0	N
2	STD1 460-768237/21	1.0	0.570454	50.0	498024.0	0.570454	Y
3	STD5 460-768237/5	5.0	2.682864	50.0	534317.0	0.536573	Y
4	STD20 460-768237/6	20.0	11.461427	50.0	504021.0	0.573071	Y
5	STD50 460-768237/7	50.0	28.436447	50.0	512608.0	0.568729	Y
6	STD200 460-768237/8	200.0	118.86339	50.0	542816.0	0.594317	Y
7	STD500 460-768237/9	500.0	285.417151	50.0	563501.0	0.570834	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

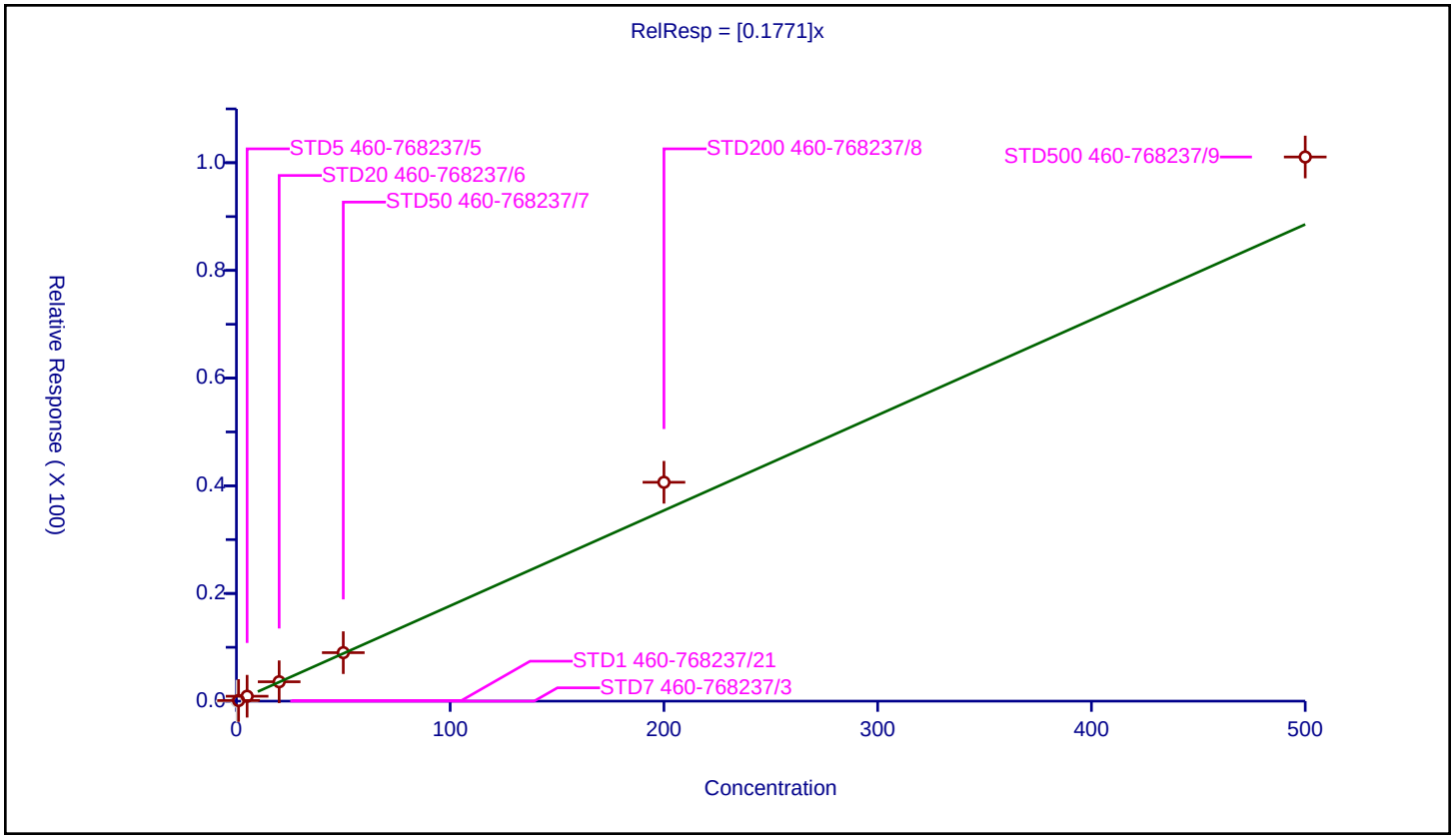
Curve Coefficients

Intercept:	0
Slope:	0.1771

Error Coefficients

Standard Error:	548000
Relative Standard Error:	18.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.25	0.0	50.0	562392.0	0.0	N
2	STD1 460-768237/21	1.0	0.114854	50.0	498024.0	0.114854	Y
3	STD5 460-768237/5	5.0	0.910976	50.0	534317.0	0.182195	Y
4	STD20 460-768237/6	20.0	3.599652	50.0	504021.0	0.179983	Y
5	STD50 460-768237/7	50.0	9.007468	50.0	512608.0	0.180149	Y
6	STD200 460-768237/8	200.0	40.648673	50.0	542816.0	0.203243	Y
7	STD500 460-768237/9	500.0	101.067434	50.0	563501.0	0.202135	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

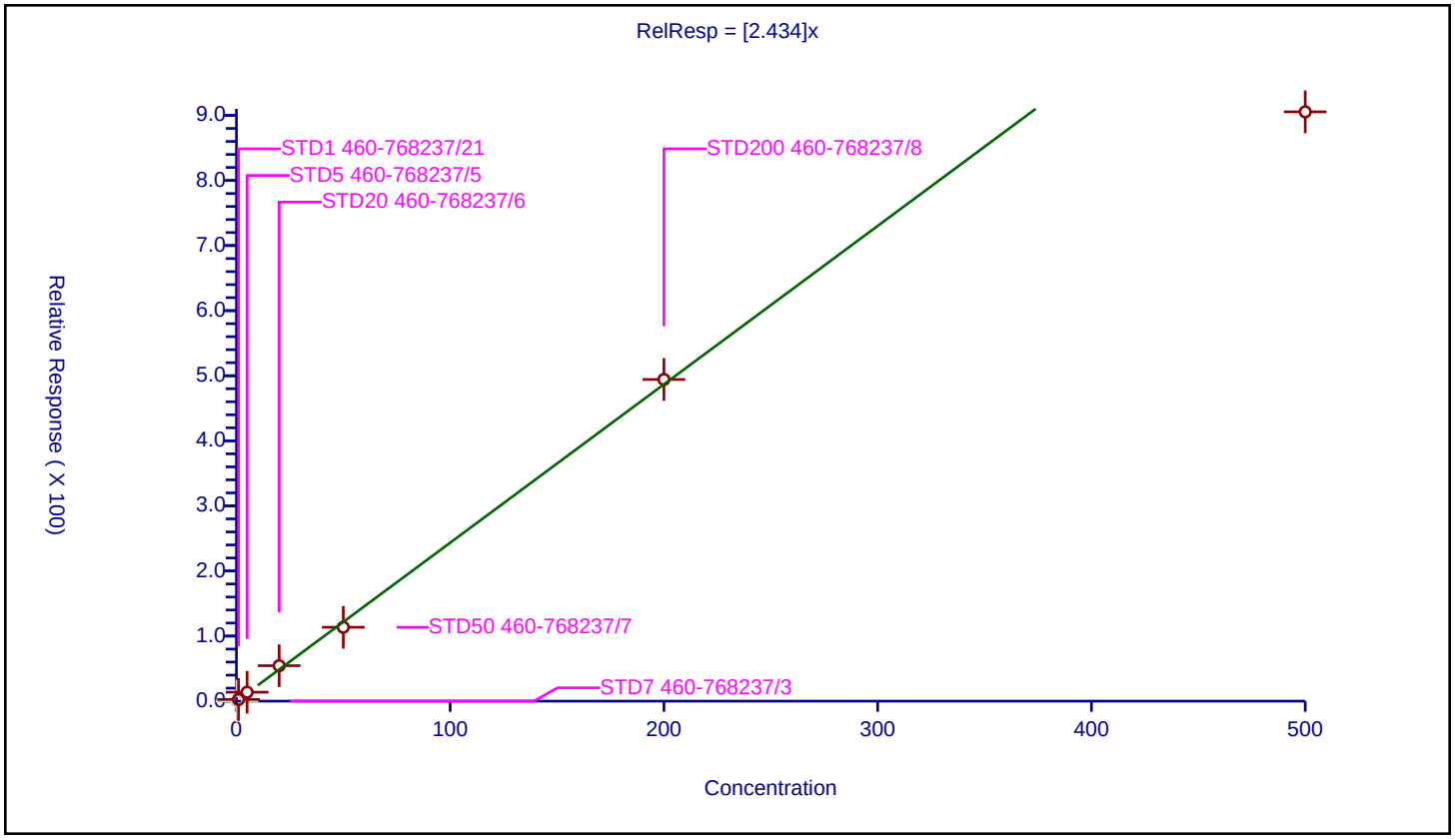
Curve Coefficients

Intercept:	0
Slope:	2.434

Error Coefficients

Standard Error:	456000
Relative Standard Error:	14.5
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.25	0.0	250.0	229579.0	0.0	N
2	STD1 460-768237/21	1.0	2.584997	250.0	209478.0	2.584997	Y
3	STD5 460-768237/5	5.0	13.717268	250.0	223441.0	2.743454	Y
4	STD20 460-768237/6	20.0	54.457603	250.0	223674.0	2.72288	Y
5	STD50 460-768237/7	50.0	113.483505	250.0	228672.0	2.26967	Y
6	STD200 460-768237/8	200.0	494.244133	250.0	235716.0	2.471221	Y
7	STD500 460-768237/9	500.0	905.459231	250.0	248927.0	1.810918	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

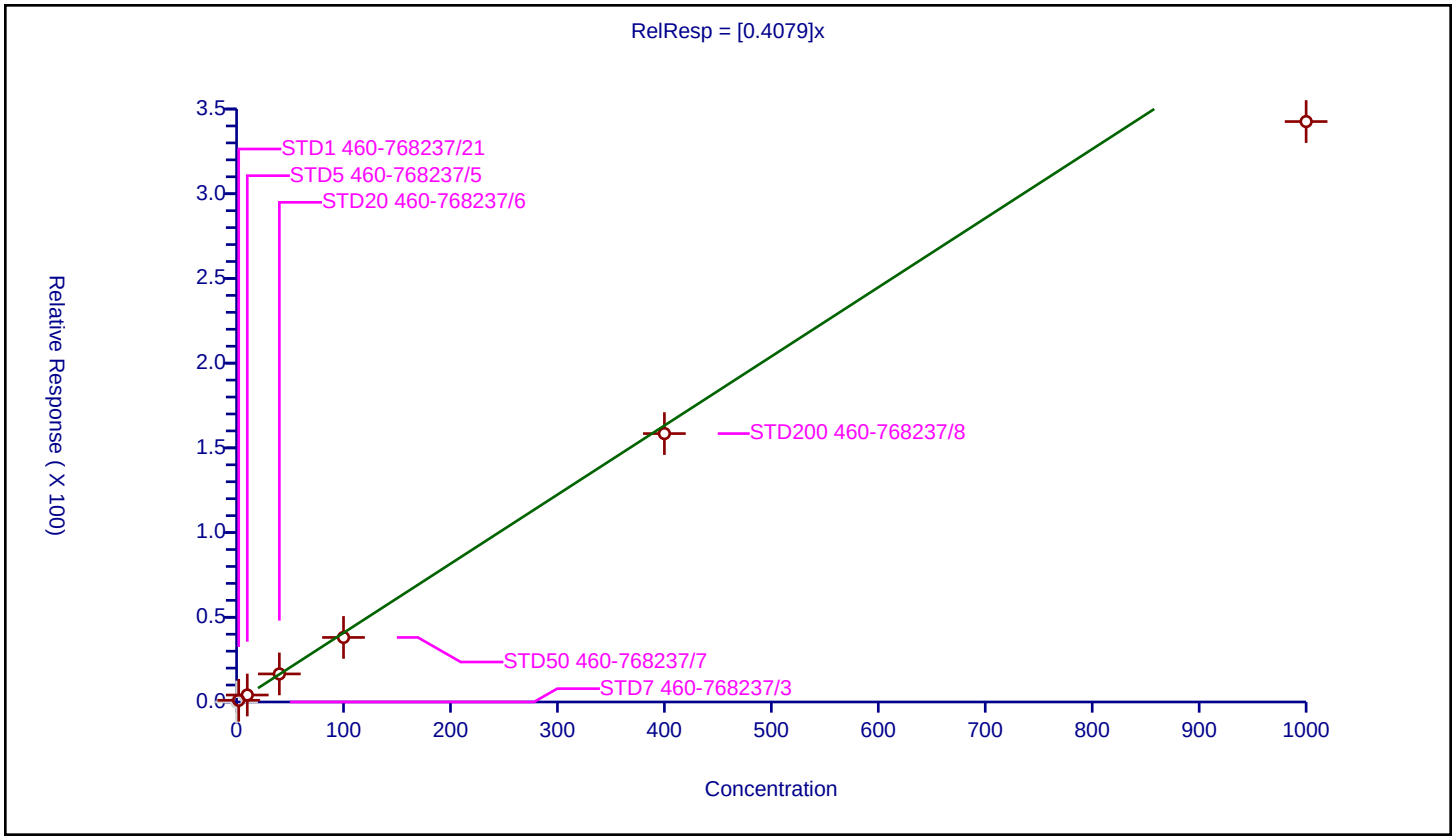
Curve Coefficients

Intercept:	0
Slope:	0.4079

Error Coefficients

Standard Error:	167000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	250.0	229579.0	NaN	N
2	STD1 460-768237/21	2.0	1.002492	250.0	209478.0	0.501246	Y
3	STD5 460-768237/5	10.0	4.121893	250.0	223441.0	0.412189	Y
4	STD20 460-768237/6	40.0	16.572109	250.0	223674.0	0.414303	Y
5	STD50 460-768237/7	100.0	38.104796	250.0	228672.0	0.381048	Y
6	STD200 460-768237/8	400.0	158.426878	250.0	235716.0	0.396067	Y
7	STD500 460-768237/9	1000.0	342.60948	250.0	248927.0	0.342609	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

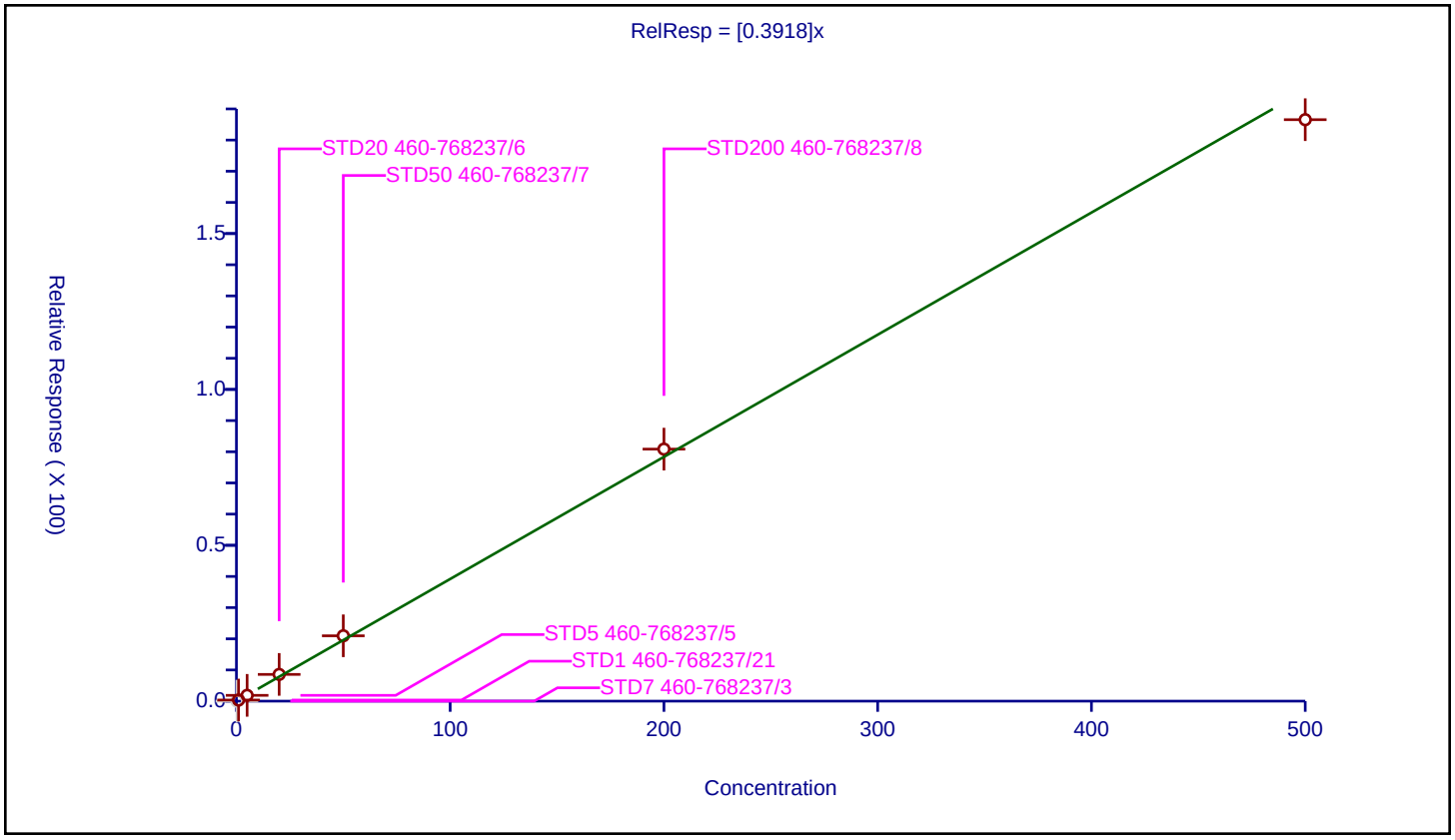
Curve Coefficients

Intercept:	0
Slope:	0.3918

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	7.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.25	0.0	50.0	562392.0	0.0	N
2	STD1 460-768237/21	1.0	0.354501	50.0	498024.0	0.354501	Y
3	STD5 460-768237/5	5.0	1.855359	50.0	534317.0	0.371072	Y
4	STD20 460-768237/6	20.0	8.578214	50.0	504021.0	0.428911	Y
5	STD50 460-768237/7	50.0	20.960949	50.0	512608.0	0.419219	Y
6	STD200 460-768237/8	200.0	80.852996	50.0	542816.0	0.404265	Y
7	STD500 460-768237/9	500.0	186.54084	50.0	563501.0	0.373082	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

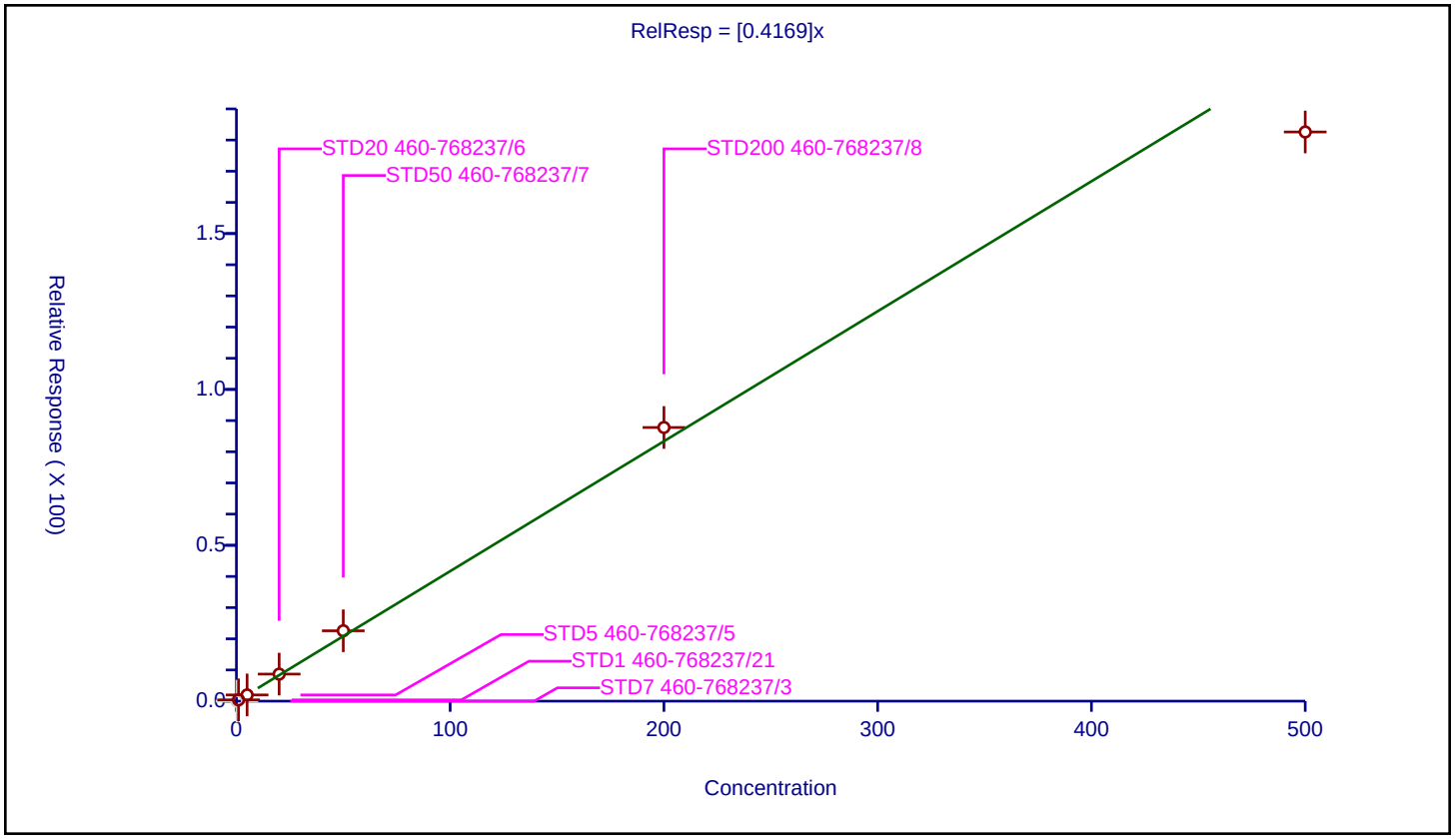
Curve Coefficients

Intercept:	0
Slope:	0.4169

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	7.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.25	0.0	50.0	562392.0	0.0	N
2	STD1 460-768237/21	1.0	0.412832	50.0	498024.0	0.412832	Y
3	STD5 460-768237/5	5.0	1.997597	50.0	534317.0	0.399519	Y
4	STD20 460-768237/6	20.0	8.674043	50.0	504021.0	0.433702	Y
5	STD50 460-768237/7	50.0	22.567439	50.0	512608.0	0.451349	Y
6	STD200 460-768237/8	200.0	87.791904	50.0	542816.0	0.43896	Y
7	STD500 460-768237/9	500.0	182.594618	50.0	563501.0	0.365189	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

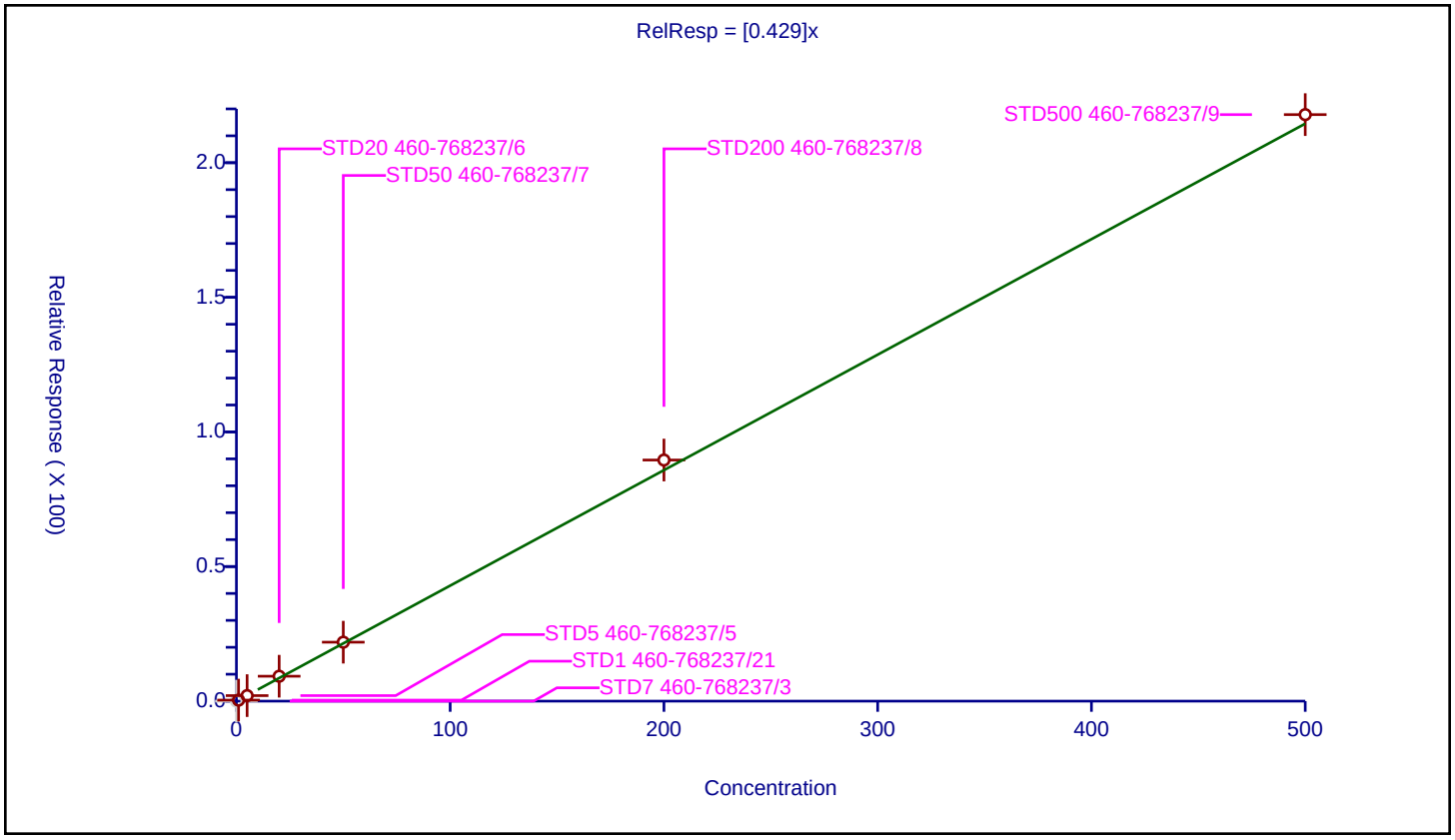
Curve Coefficients

Intercept:	0
Slope:	0.429

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.3795	50.0	498024.0	0.3795	Y
3	STD5 460-768237/5	5.0	2.050375	50.0	534317.0	0.410075	Y
4	STD20 460-768237/6	20.0	9.258047	50.0	504021.0	0.462902	Y
5	STD50 460-768237/7	50.0	21.901921	50.0	512608.0	0.438038	Y
6	STD200 460-768237/8	200.0	89.558893	50.0	542816.0	0.447794	Y
7	STD500 460-768237/9	500.0	217.875301	50.0	563501.0	0.435751	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

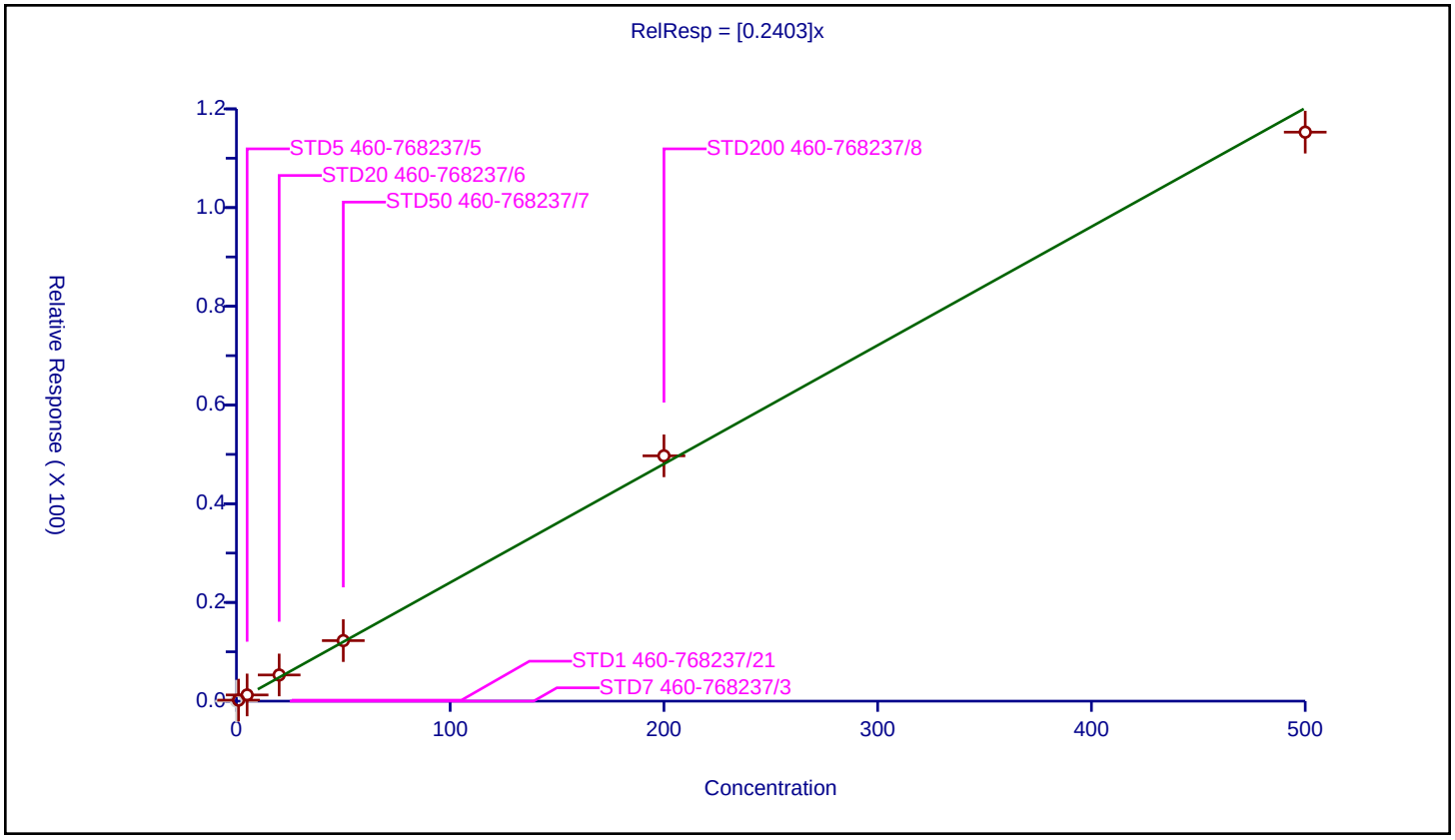
Curve Coefficients

Intercept:	0
Slope:	0.2403

Error Coefficients

Standard Error:	632000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.201496	50.0	498024.0	0.201496	Y
3	STD5 460-768237/5	5.0	1.255154	50.0	534317.0	0.251031	Y
4	STD20 460-768237/6	20.0	5.302259	50.0	504021.0	0.265113	Y
5	STD50 460-768237/7	50.0	12.262489	50.0	512608.0	0.24525	Y
6	STD200 460-768237/8	200.0	49.706346	50.0	542816.0	0.248532	Y
7	STD500 460-768237/9	500.0	115.29039	50.0	563501.0	0.230581	Y



Calibration / Ethanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

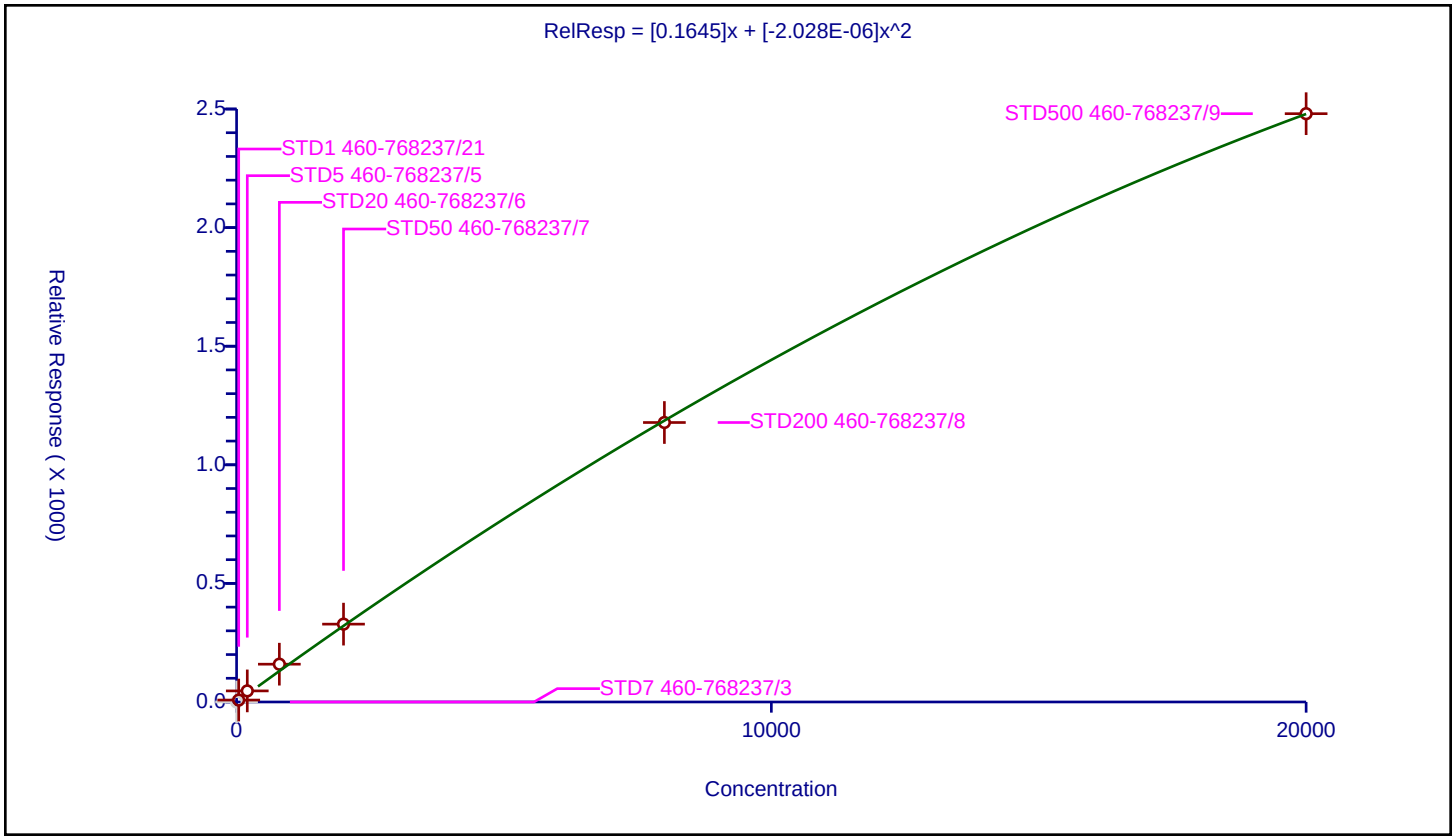
Curve Coefficients

Intercept:	0
Slope:	0.1645
Second Order:	-2.028E-06

Error Coefficients

Standard Error:	298000
Relative Standard Error:	26.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	1000.0	184670.0	NaN	N
2	STD1 460-768237/21	40.0	8.162246	1000.0	160250.0	0.204056	Y
3	STD5 460-768237/5	200.0	46.662236	1000.0	165530.0	0.233311	Y
4	STD20 460-768237/6	800.0	159.395025	1000.0	164635.0	0.199244	Y
5	STD50 460-768237/7	2000.0	328.219486	1000.0	174298.0	0.16411	Y
6	STD200 460-768237/8	8000.0	1178.310245	1000.0	191436.0	0.147289	Y
7	STD500 460-768237/9	20000.0	2480.276431	1000.0	222551.0	0.124014	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

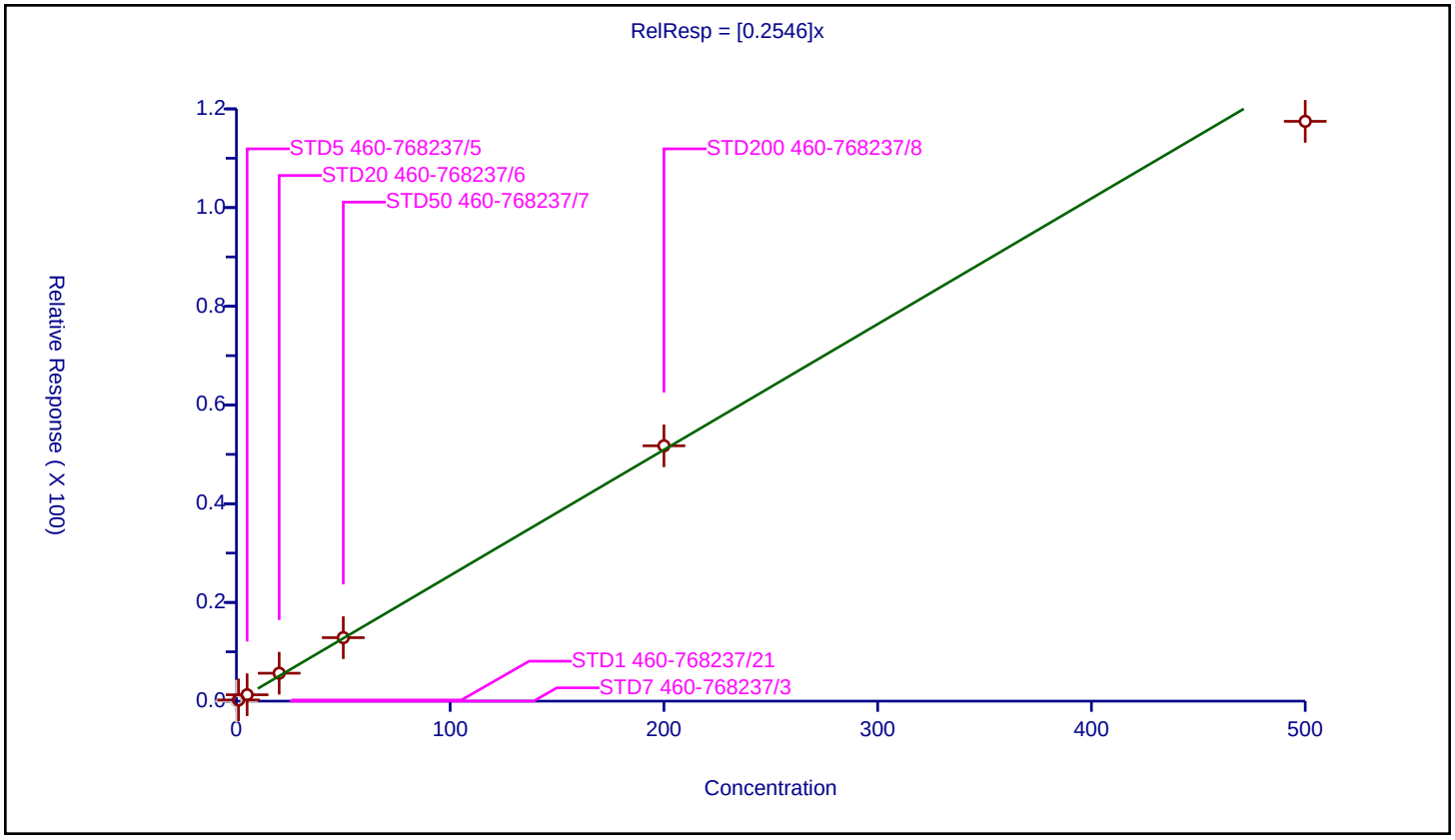
Curve Coefficients

Intercept:	0
Slope:	0.2546

Error Coefficients

Standard Error:	646000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.235029	50.0	498024.0	0.235029	Y
3	STD5 460-768237/5	5.0	1.294924	50.0	534317.0	0.258985	Y
4	STD20 460-768237/6	20.0	5.658792	50.0	504021.0	0.28294	Y
5	STD50 460-768237/7	50.0	12.860997	50.0	512608.0	0.25722	Y
6	STD200 460-768237/8	200.0	51.739816	50.0	542816.0	0.258699	Y
7	STD500 460-768237/9	500.0	117.480359	50.0	563501.0	0.234961	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

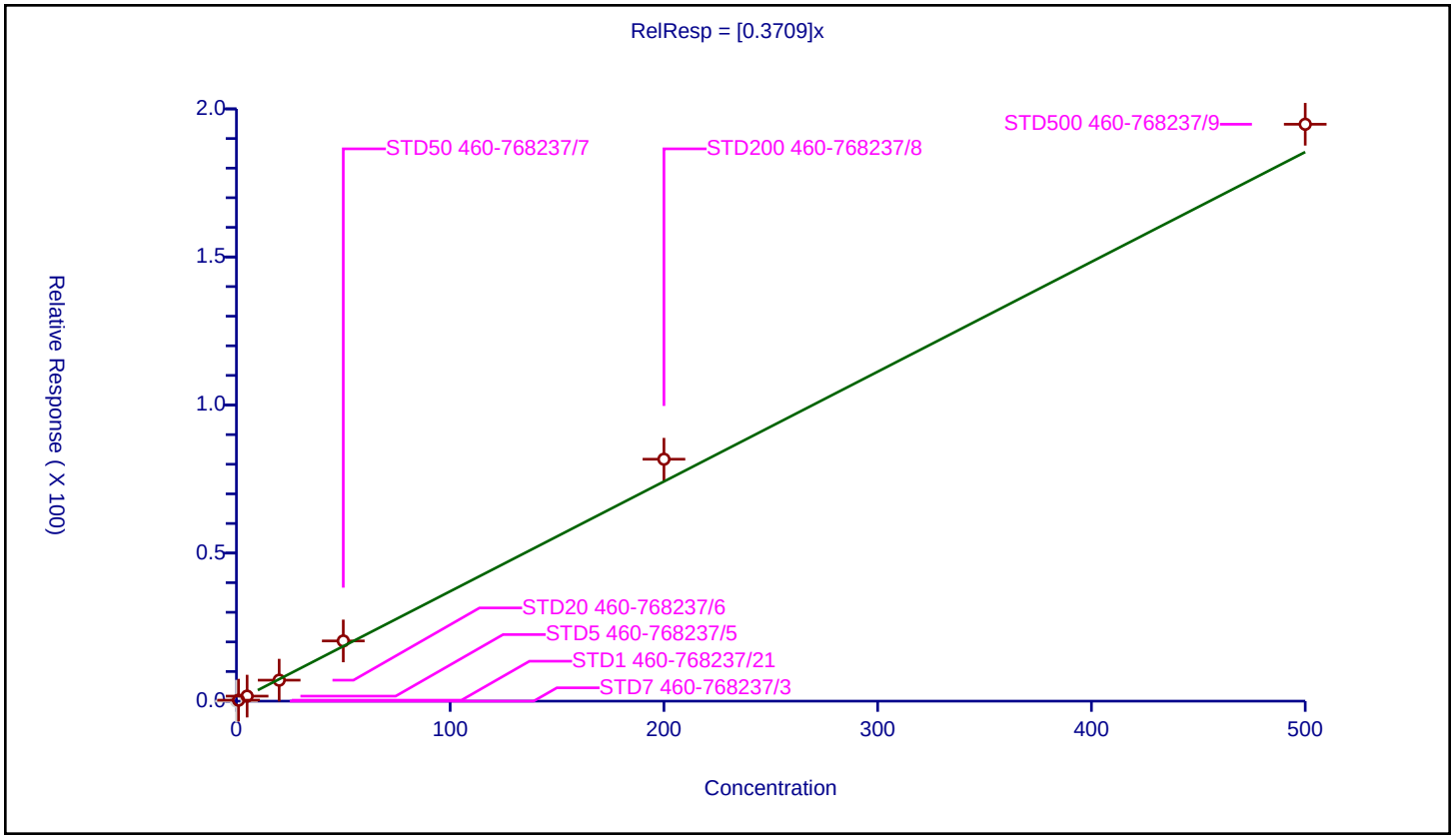
Curve Coefficients

Intercept:	0
Slope:	0.3709

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	9.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.327394	50.0	498024.0	0.327394	Y
3	STD5 460-768237/5	5.0	1.695529	50.0	534317.0	0.339106	Y
4	STD20 460-768237/6	20.0	7.078376	50.0	504021.0	0.353919	Y
5	STD50 460-768237/7	50.0	20.330935	50.0	512608.0	0.406619	Y
6	STD200 460-768237/8	200.0	81.698587	50.0	542816.0	0.408493	Y
7	STD500 460-768237/9	500.0	194.81252	50.0	563501.0	0.389625	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

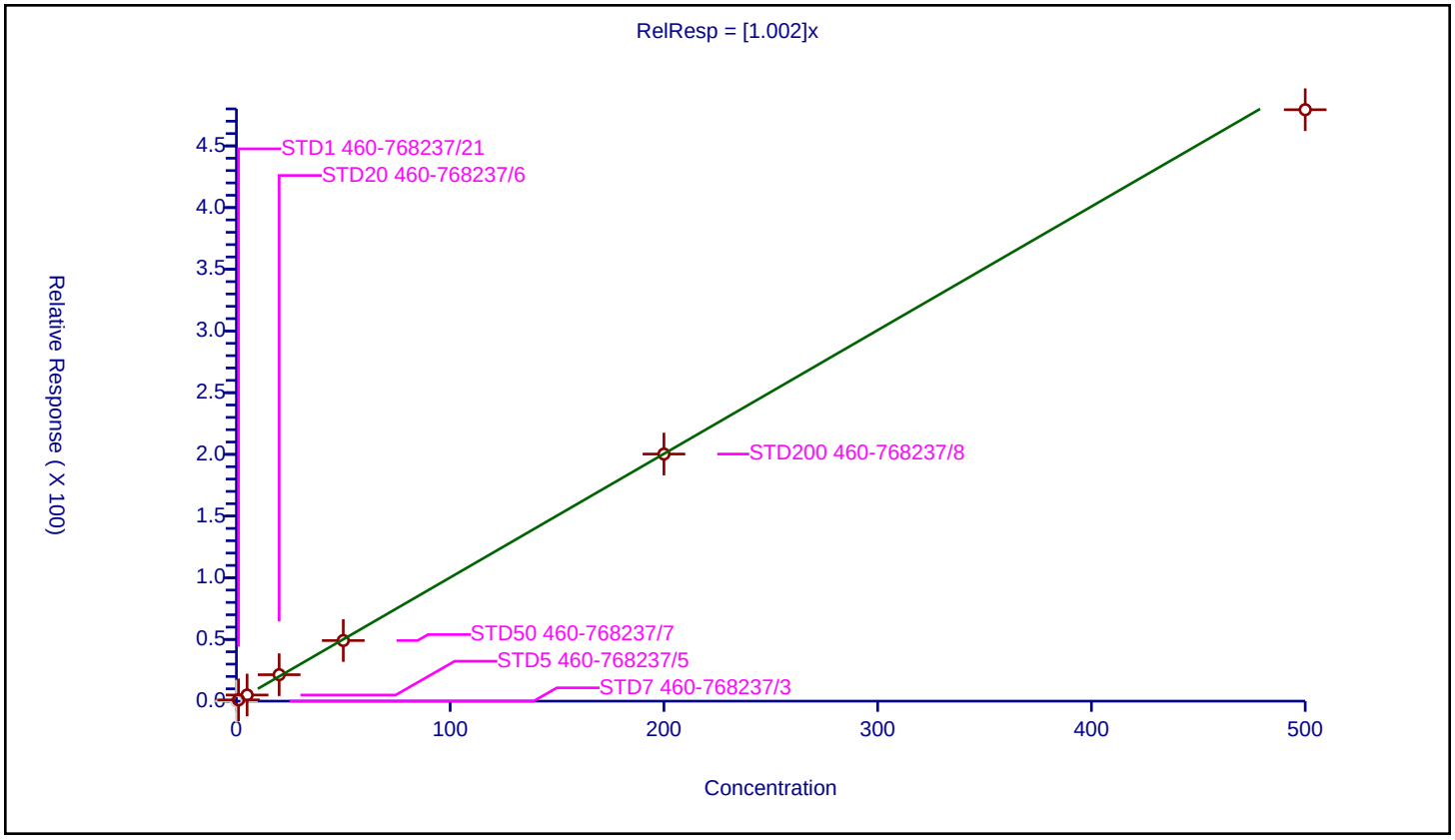
Curve Coefficients

Intercept:	0
Slope:	1.002

Error Coefficients

Standard Error:	2620000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	1.006277	50.0	498024.0	1.006277	Y
3	STD5 460-768237/5	5.0	4.969241	50.0	534317.0	0.993848	Y
4	STD20 460-768237/6	20.0	21.415973	50.0	504021.0	1.070799	Y
5	STD50 460-768237/7	50.0	49.12477	50.0	512608.0	0.982495	Y
6	STD200 460-768237/8	200.0	200.261691	50.0	542816.0	1.001308	Y
7	STD500 460-768237/9	500.0	479.328608	50.0	563501.0	0.958657	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

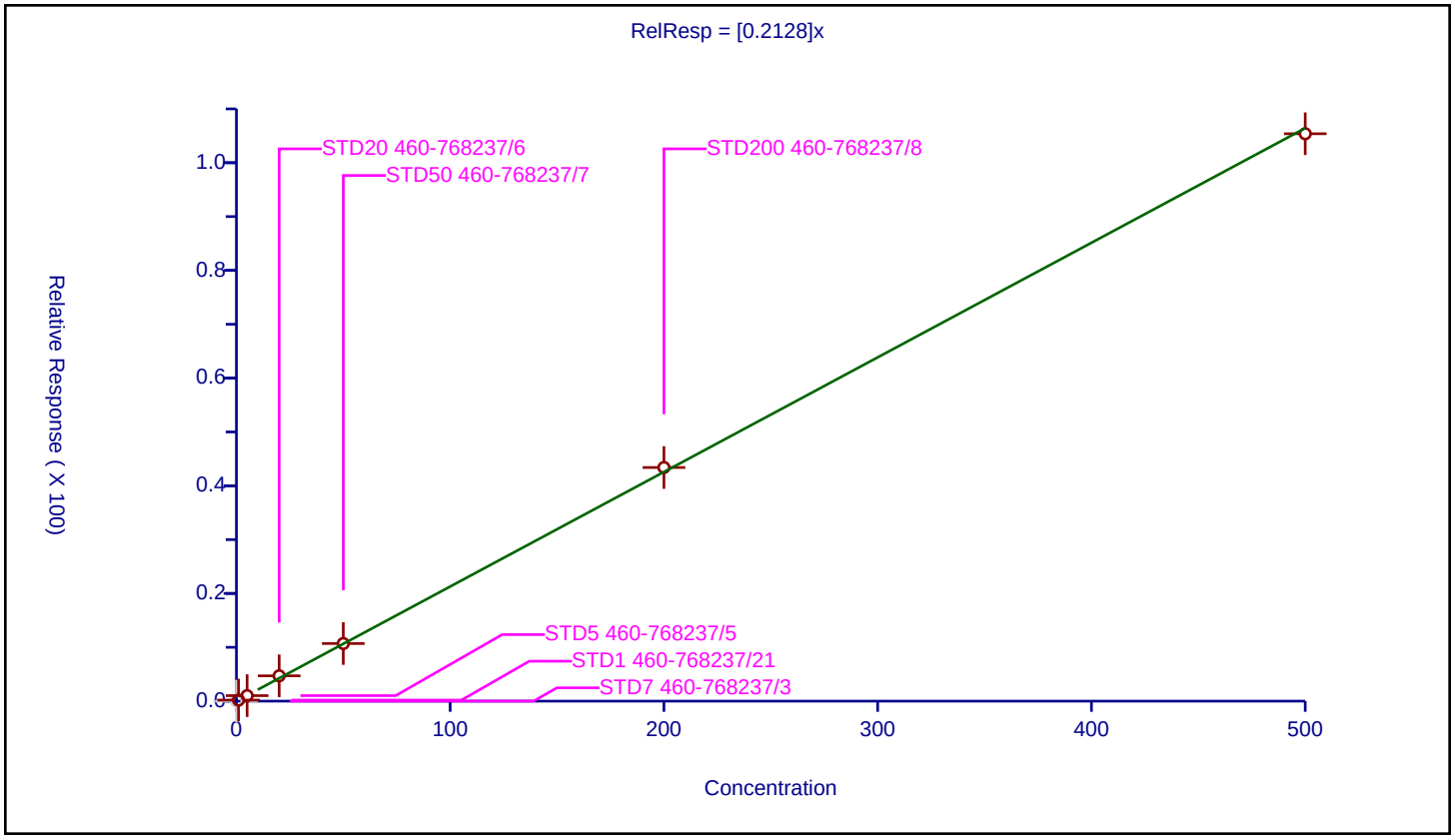
Curve Coefficients

Intercept:	0
Slope:	0.2128

Error Coefficients

Standard Error:	574000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.196175	50.0	498024.0	0.196175	Y
3	STD5 460-768237/5	5.0	1.0199	50.0	534317.0	0.20398	Y
4	STD20 460-768237/6	20.0	4.702185	50.0	504021.0	0.235109	Y
5	STD50 460-768237/7	50.0	10.700964	50.0	512608.0	0.214019	Y
6	STD200 460-768237/8	200.0	43.397855	50.0	542816.0	0.216989	Y
7	STD500 460-768237/9	500.0	105.382777	50.0	563501.0	0.210766	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

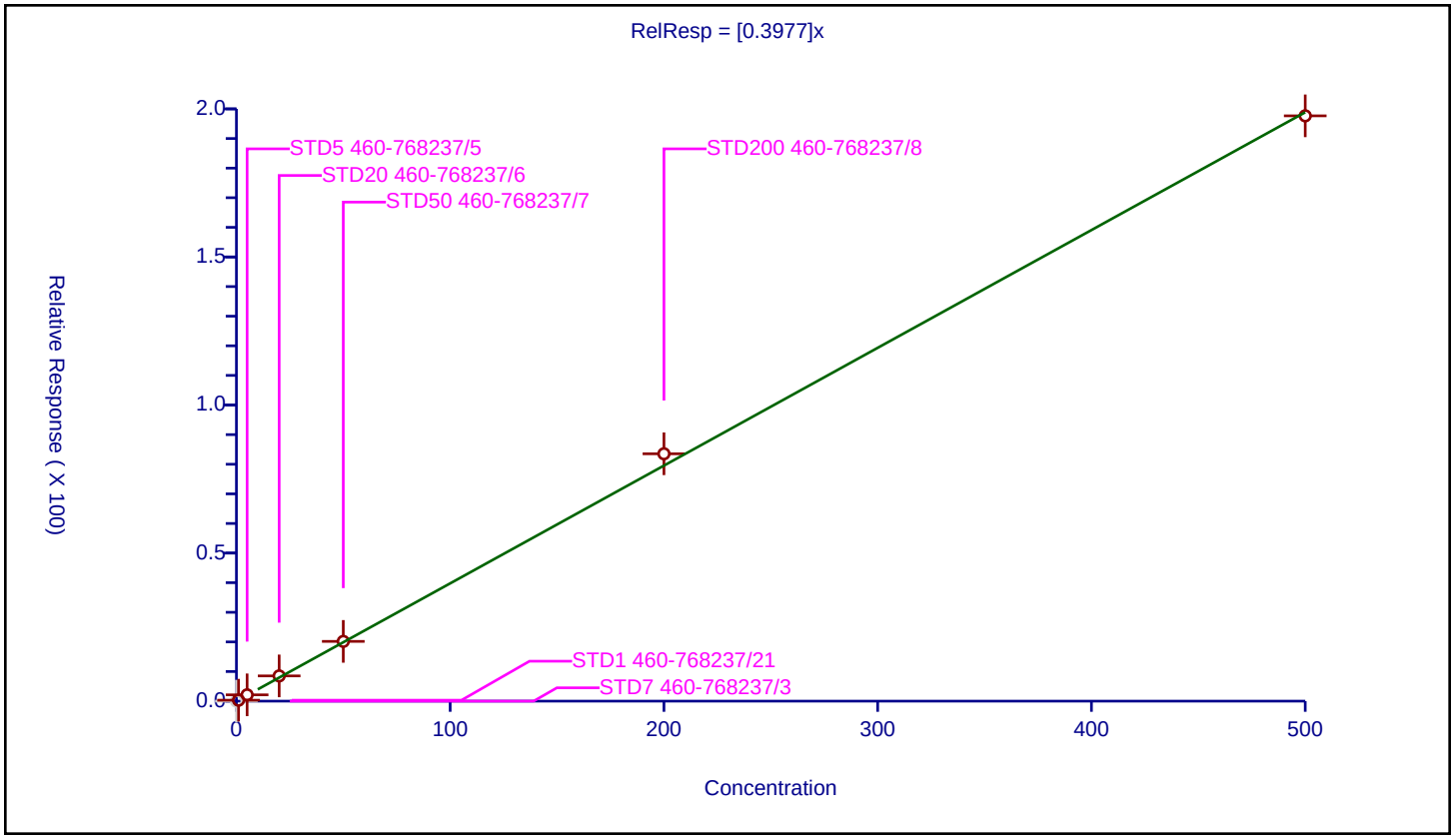
Curve Coefficients

Intercept:	0
Slope:	0.3977

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	10.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.318258	50.0	498024.0	0.318258	Y
3	STD5 460-768237/5	5.0	2.127482	50.0	534317.0	0.425496	Y
4	STD20 460-768237/6	20.0	8.518593	50.0	504021.0	0.42593	Y
5	STD50 460-768237/7	50.0	20.176236	50.0	512608.0	0.403525	Y
6	STD200 460-768237/8	200.0	83.537884	50.0	542816.0	0.417689	Y
7	STD500 460-768237/9	500.0	197.651734	50.0	563501.0	0.395303	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

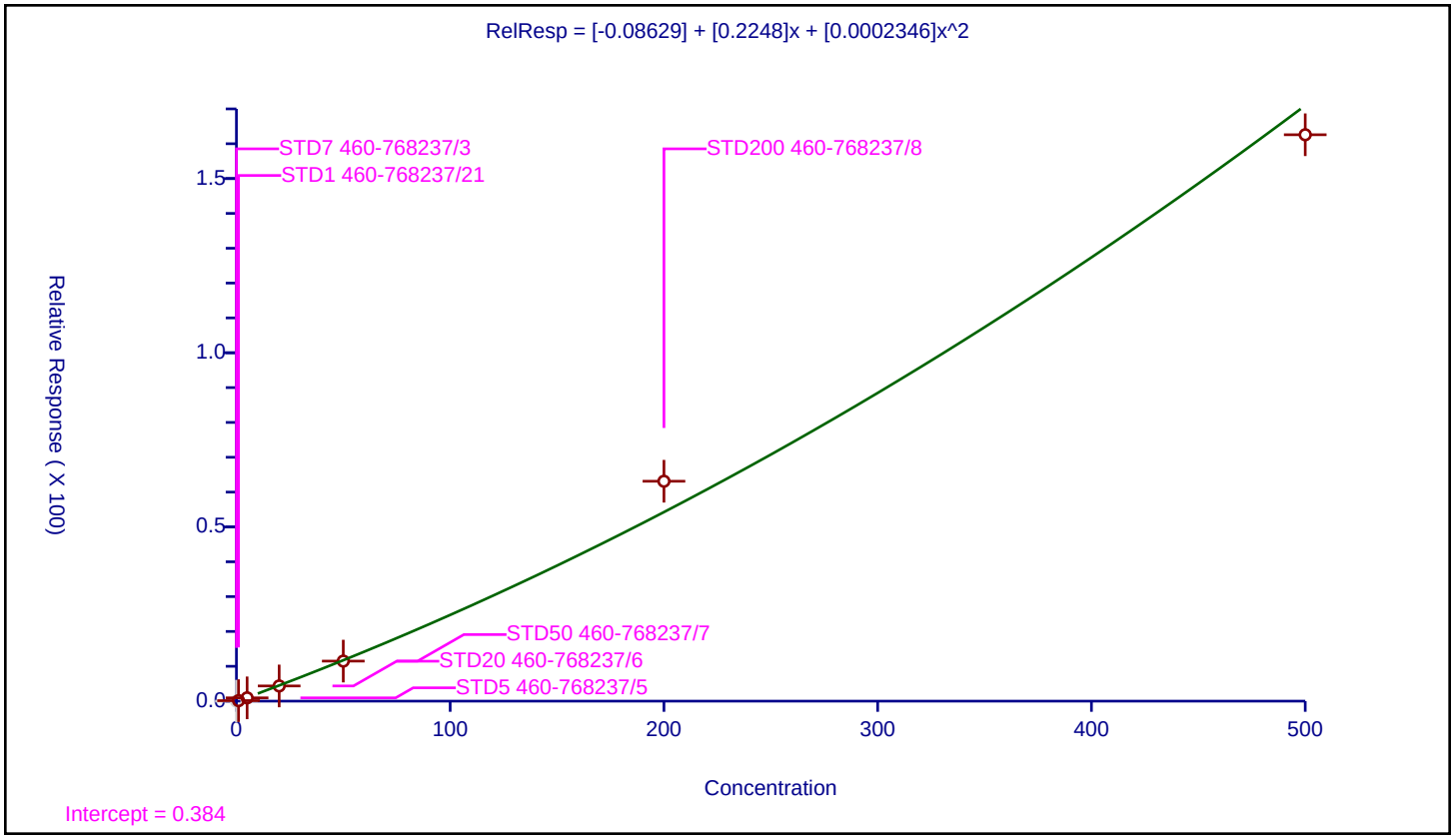
Curve Coefficients

Intercept:	-0.08629
Slope:	0.2248
Second Order:	0.0002346

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	9.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.142965	50.0	498024.0	0.142965	Y
3	STD5 460-768237/5	5.0	0.945132	50.0	534317.0	0.189026	Y
4	STD20 460-768237/6	20.0	4.360235	50.0	504021.0	0.218012	Y
5	STD50 460-768237/7	50.0	11.496894	50.0	512608.0	0.229938	Y
6	STD200 460-768237/8	200.0	63.120837	50.0	542816.0	0.315604	Y
7	STD500 460-768237/9	500.0	162.578505	50.0	563501.0	0.325157	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

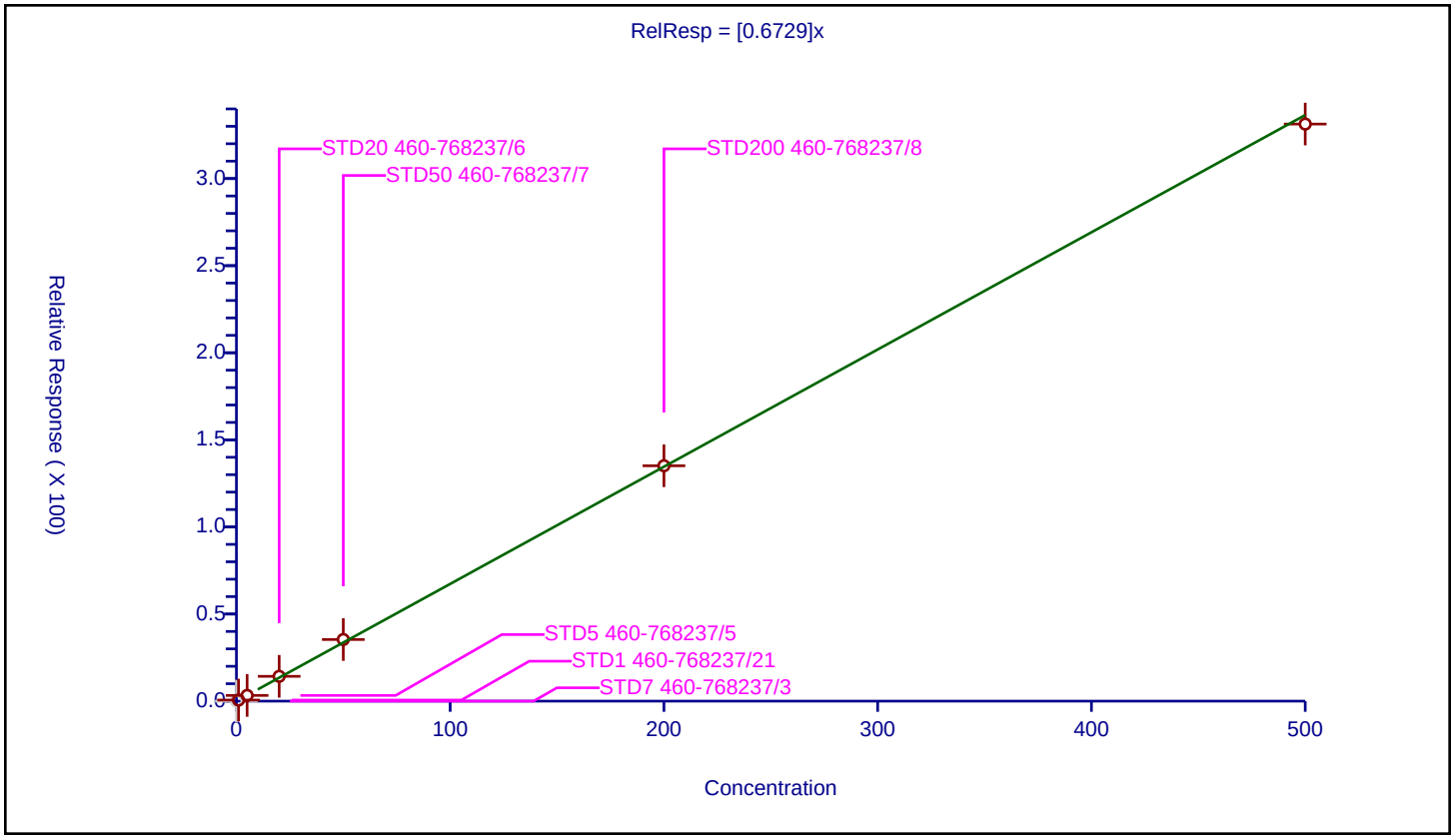
Curve Coefficients

Intercept:	0
Slope:	0.6729

Error Coefficients

Standard Error:	1800000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.624669	50.0	498024.0	0.624669	Y
3	STD5 460-768237/5	5.0	3.273244	50.0	534317.0	0.654649	Y
4	STD20 460-768237/6	20.0	14.245934	50.0	504021.0	0.712297	Y
5	STD50 460-768237/7	50.0	35.380154	50.0	512608.0	0.707603	Y
6	STD200 460-768237/8	200.0	135.127373	50.0	542816.0	0.675637	Y
7	STD500 460-768237/9	500.0	331.304115	50.0	563501.0	0.662608	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

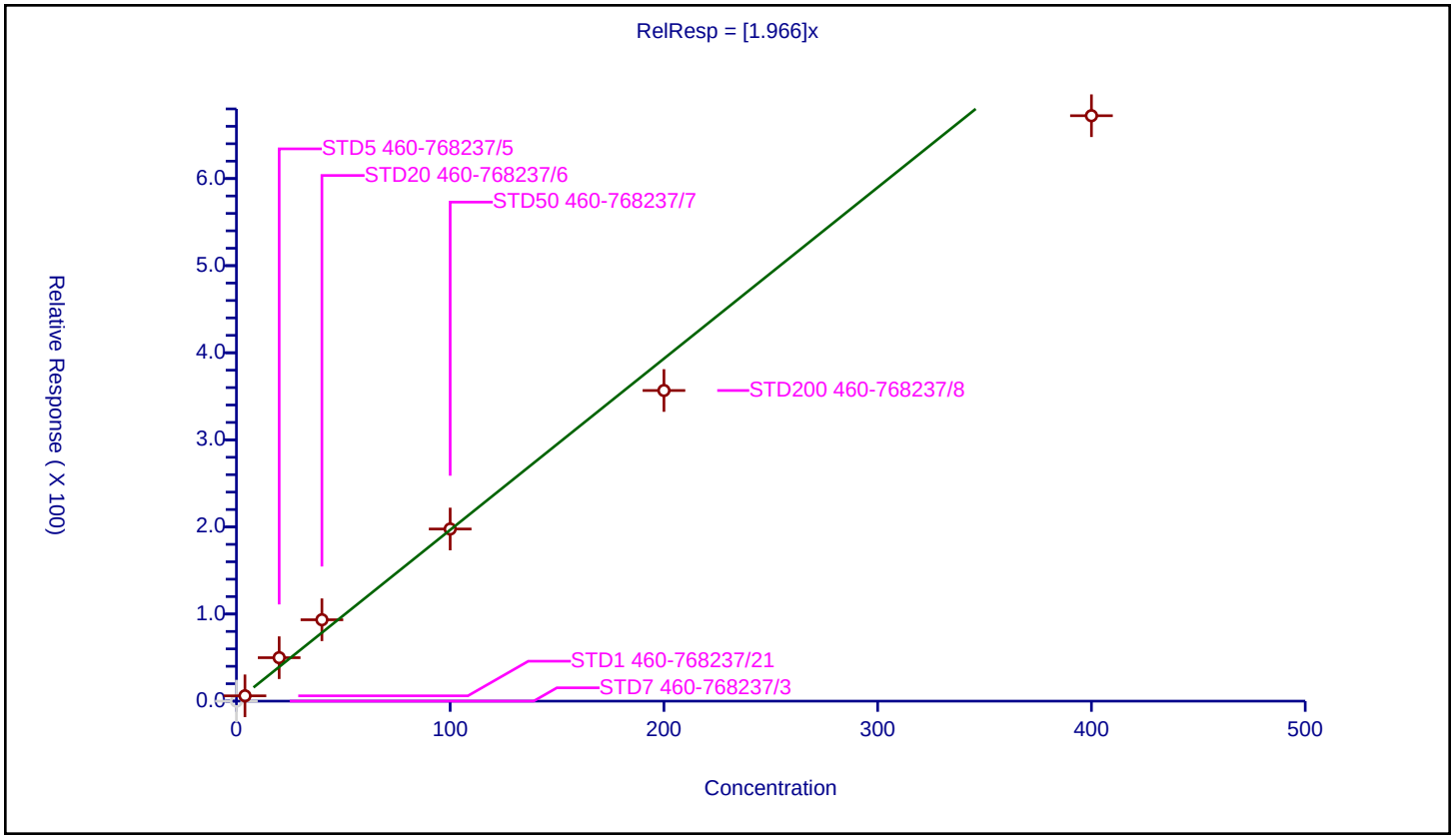
Curve Coefficients

Intercept:	0
Slope:	1.966

Error Coefficients

Standard Error:	75100
Relative Standard Error:	19.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	1000.0	184670.0	NaN	N
2	STD1 460-768237/21	4.000016	6.102964	1000.0	160250.0	1.525735	Y
3	STD5 460-768237/5	20.000082	49.906361	1000.0	165530.0	2.495308	Y
4	STD20 460-768237/6	40.000164	93.436997	1000.0	164635.0	2.335915	Y
5	STD50 460-768237/7	100.00041	197.644264	1000.0	174298.0	1.976435	Y
6	STD200 460-768237/8	200.00082	356.662279	1000.0	191436.0	1.783304	Y
7	STD500 460-768237/9	400.00164	672.169525	1000.0	222551.0	1.680417	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

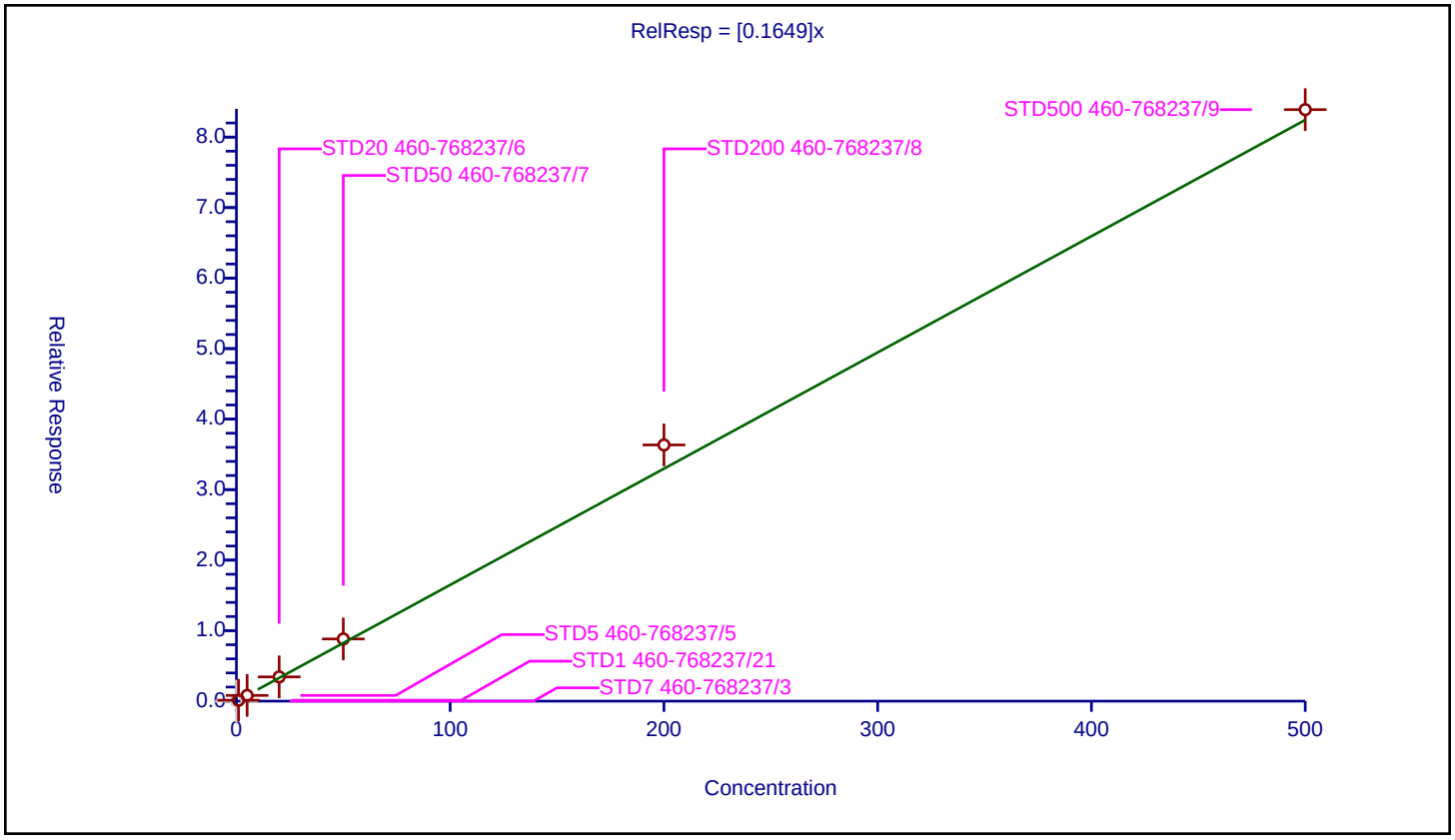
Curve Coefficients

Intercept:	0
Slope:	0.1649

Error Coefficients

Standard Error:	460000
Relative Standard Error:	11.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.129311	50.0	498024.0	0.129311	Y
3	STD5 460-768237/5	5.0	0.810287	50.0	534317.0	0.162057	Y
4	STD20 460-768237/6	20.0	3.437952	50.0	504021.0	0.171898	Y
5	STD50 460-768237/7	50.0	8.819215	50.0	512608.0	0.176384	Y
6	STD200 460-768237/8	200.0	36.336714	50.0	542816.0	0.181684	Y
7	STD500 460-768237/9	500.0	83.894172	50.0	563501.0	0.167788	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

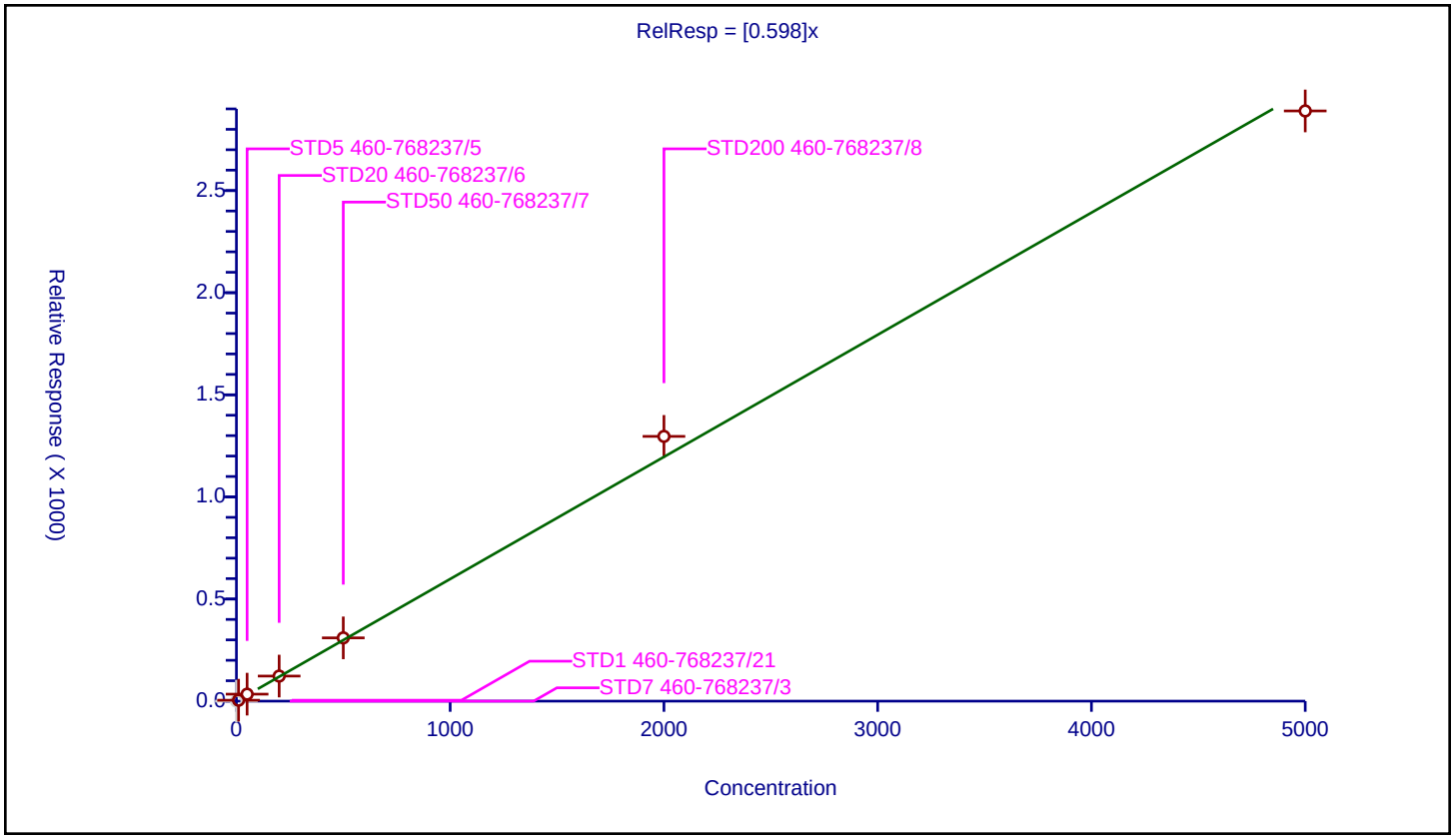
Curve Coefficients

Intercept:	0
Slope:	0.598

Error Coefficients

Standard Error:	308000
Relative Standard Error:	14.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	1000.0	184670.0	NaN	N
2	STD1 460-768237/21	10.0	4.436817	1000.0	160250.0	0.443682	Y
3	STD5 460-768237/5	50.0	34.223404	1000.0	165530.0	0.684468	Y
4	STD20 460-768237/6	200.0	122.768549	1000.0	164635.0	0.613843	Y
5	STD50 460-768237/7	500.0	309.842913	1000.0	174298.0	0.619686	Y
6	STD200 460-768237/8	2000.0	1296.433273	1000.0	191436.0	0.648217	Y
7	STD500 460-768237/9	5000.0	2889.935341	1000.0	222551.0	0.577987	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

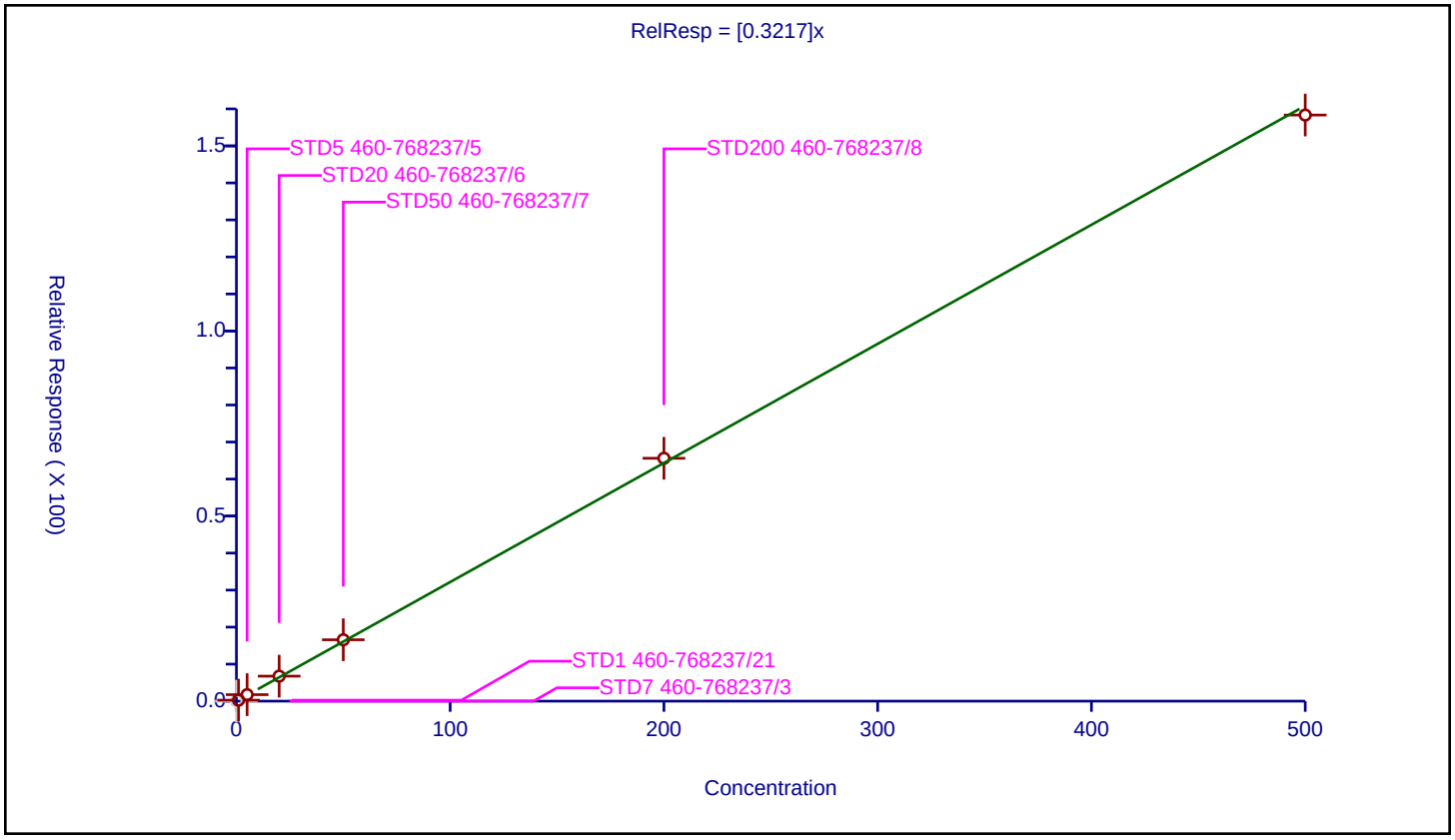
Curve Coefficients

Intercept:	0
Slope:	0.3217

Error Coefficients

Standard Error:	863000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.26575	50.0	498024.0	0.26575	Y
3	STD5 460-768237/5	5.0	1.752892	50.0	534317.0	0.350578	Y
4	STD20 460-768237/6	20.0	6.755572	50.0	504021.0	0.337779	Y
5	STD50 460-768237/7	50.0	16.573483	50.0	512608.0	0.33147	Y
6	STD200 460-768237/8	200.0	65.611367	50.0	542816.0	0.328057	Y
7	STD500 460-768237/9	500.0	158.335034	50.0	563501.0	0.31667	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

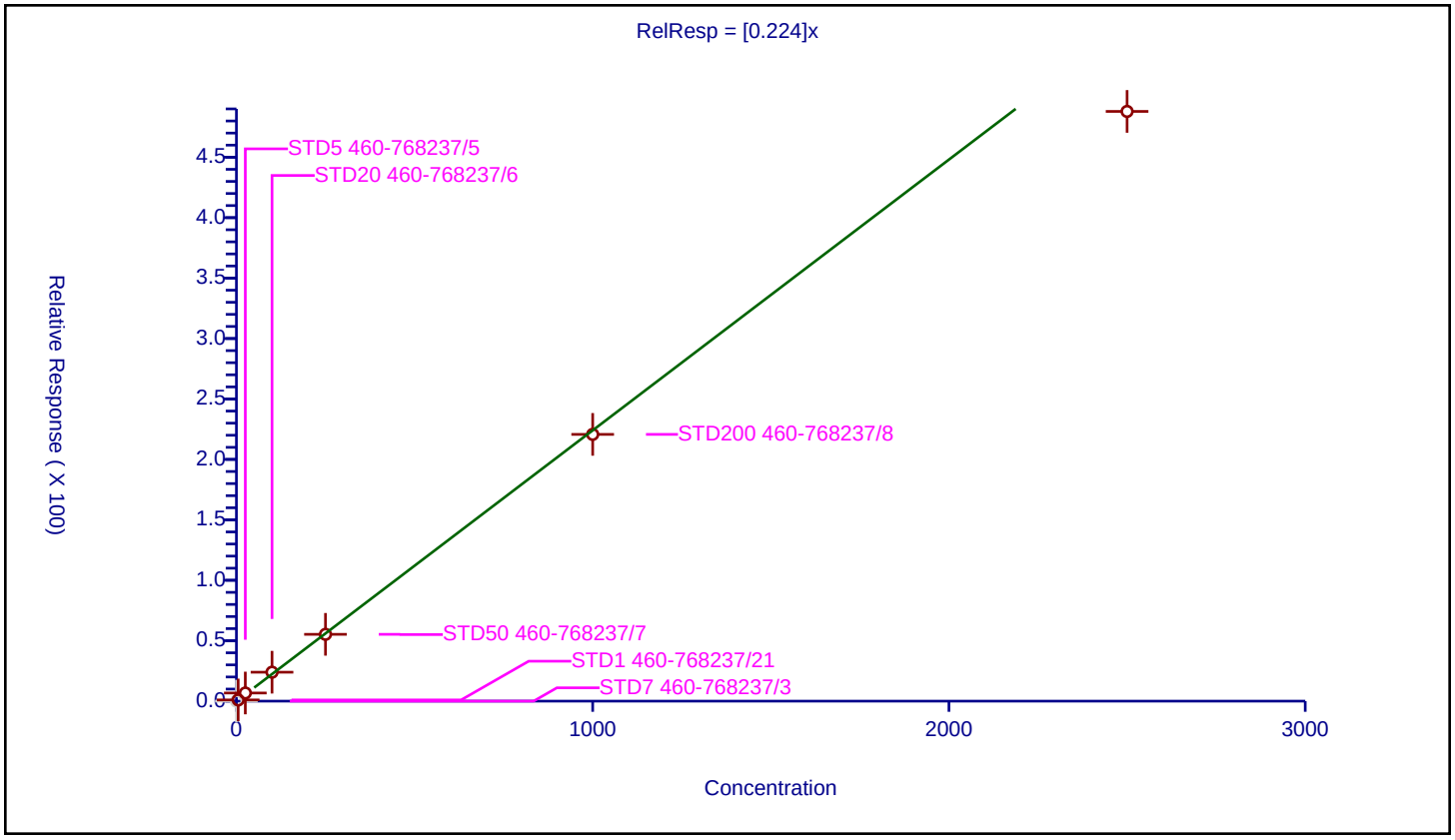
Curve Coefficients

Intercept:	0
Slope:	0.224

Error Coefficients

Standard Error:	237000
Relative Standard Error:	12.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	250.0	229579.0	NaN	N
2	STD1 460-768237/21	5.0	0.991751	250.0	209478.0	0.19835	Y
3	STD5 460-768237/5	25.0	6.735559	250.0	223441.0	0.269422	Y
4	STD20 460-768237/6	100.0	23.941093	250.0	223674.0	0.239411	Y
5	STD50 460-768237/7	250.0	55.272399	250.0	228672.0	0.22109	Y
6	STD200 460-768237/8	1000.0	220.705213	250.0	235716.0	0.220705	Y
7	STD500 460-768237/9	2500.0	487.914127	250.0	248927.0	0.195166	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

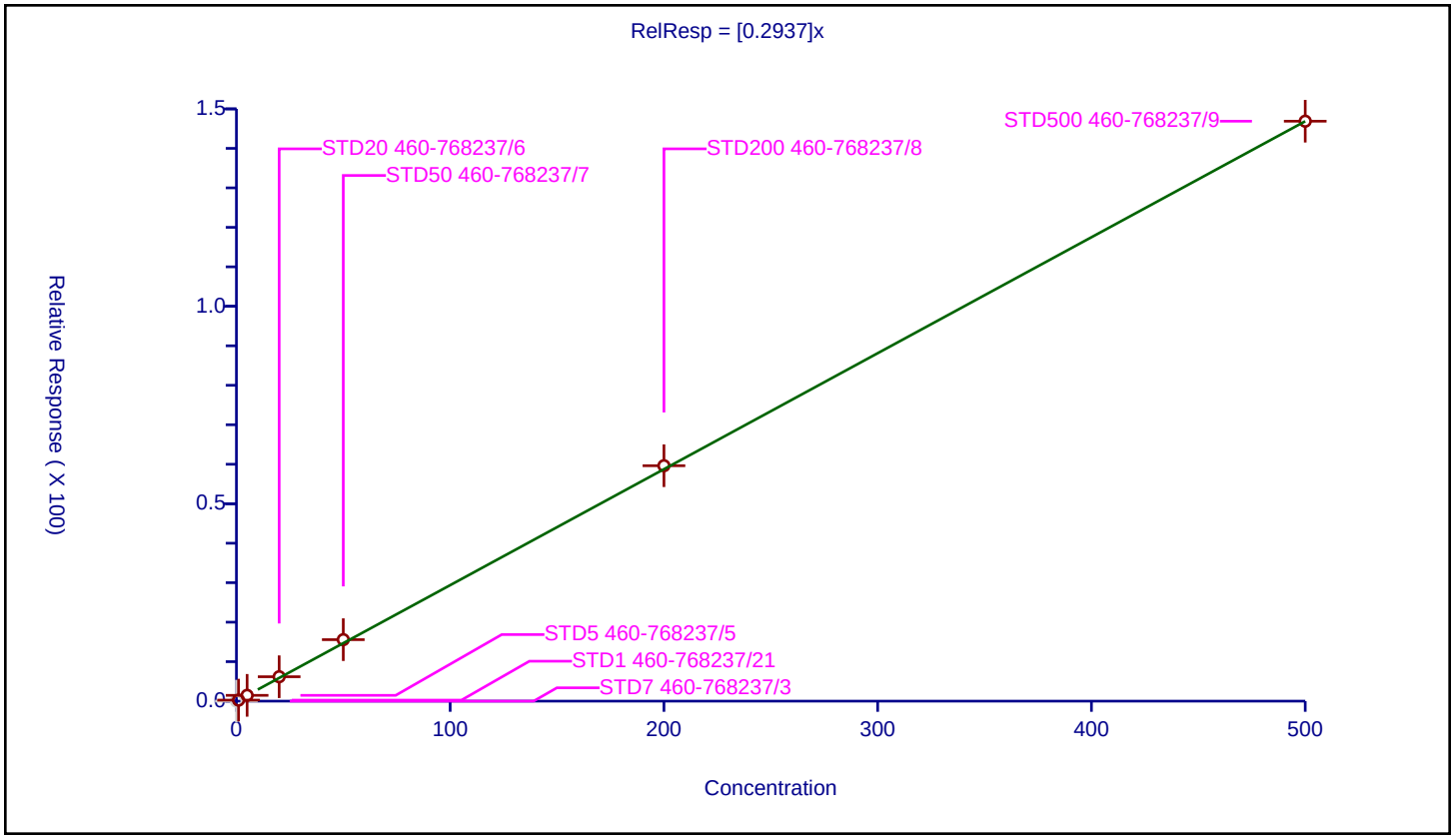
Curve Coefficients

Intercept:	0
Slope:	0.2937

Error Coefficients

Standard Error:	799000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.257116	50.0	498024.0	0.257116	Y
3	STD5 460-768237/5	5.0	1.464019	50.0	534317.0	0.292804	Y
4	STD20 460-768237/6	20.0	6.182282	50.0	504021.0	0.309114	Y
5	STD50 460-768237/7	50.0	15.572718	50.0	512608.0	0.311454	Y
6	STD200 460-768237/8	200.0	59.628309	50.0	542816.0	0.298142	Y
7	STD500 460-768237/9	500.0	146.881283	50.0	563501.0	0.293763	Y



Calibration / Methyl acetate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

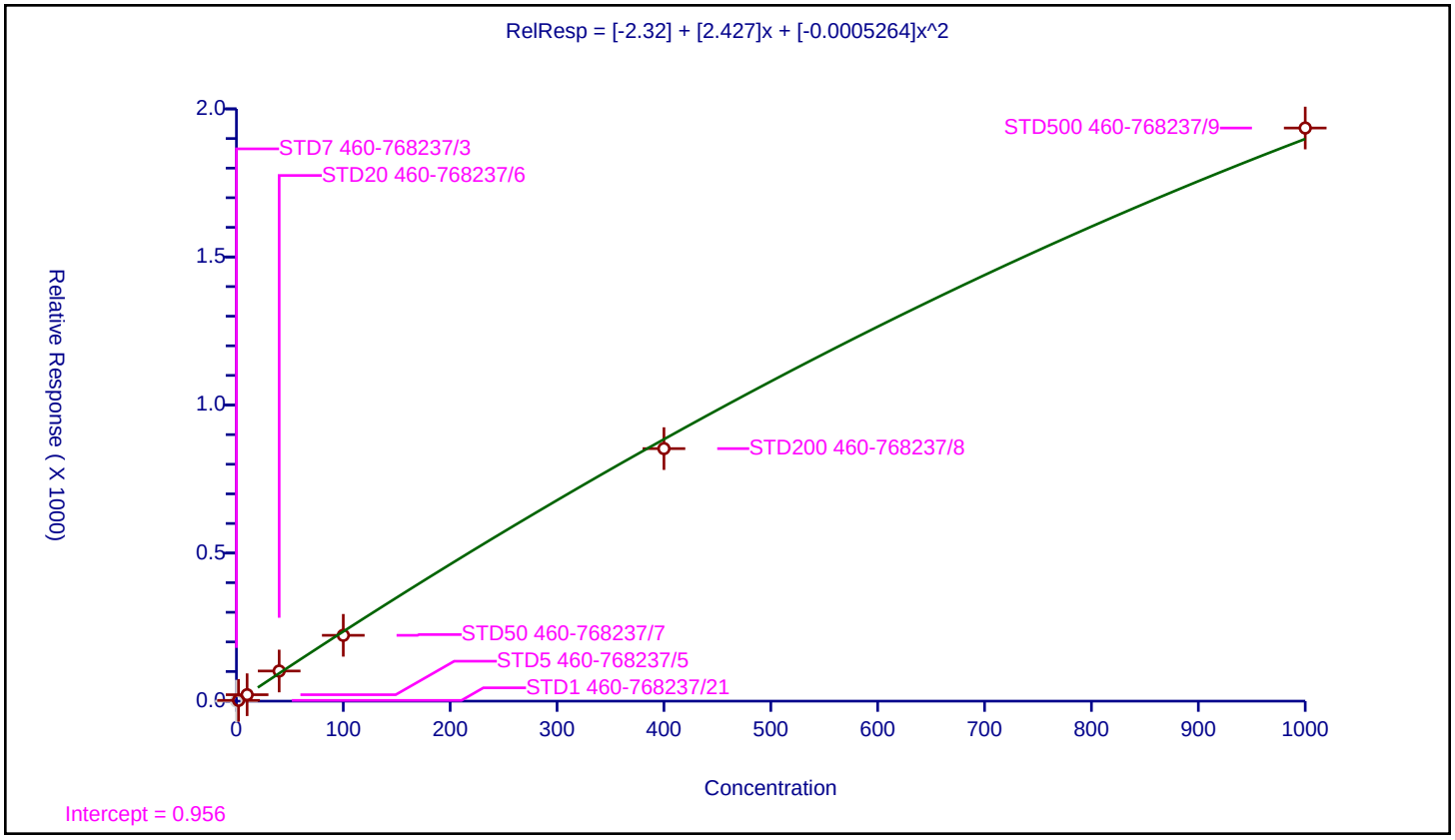
Curve Coefficients

Intercept:	-2.32
Slope:	2.427
Second Order:	-0.0005264

Error Coefficients

Standard Error:	266000
Relative Standard Error:	6.4
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	1000.0	184670.0	NaN	N
2	STD1 460-768237/21	2.0	2.527301	1000.0	160250.0	1.263651	Y
3	STD5 460-768237/5	10.0	21.675829	1000.0	165530.0	2.167583	Y
4	STD20 460-768237/6	40.0	101.758435	1000.0	164635.0	2.543961	Y
5	STD50 460-768237/7	100.0	222.257284	1000.0	174298.0	2.222573	Y
6	STD200 460-768237/8	400.0	852.828099	1000.0	191436.0	2.13207	Y
7	STD500 460-768237/9	1000.0	1935.41705	1000.0	222551.0	1.935417	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

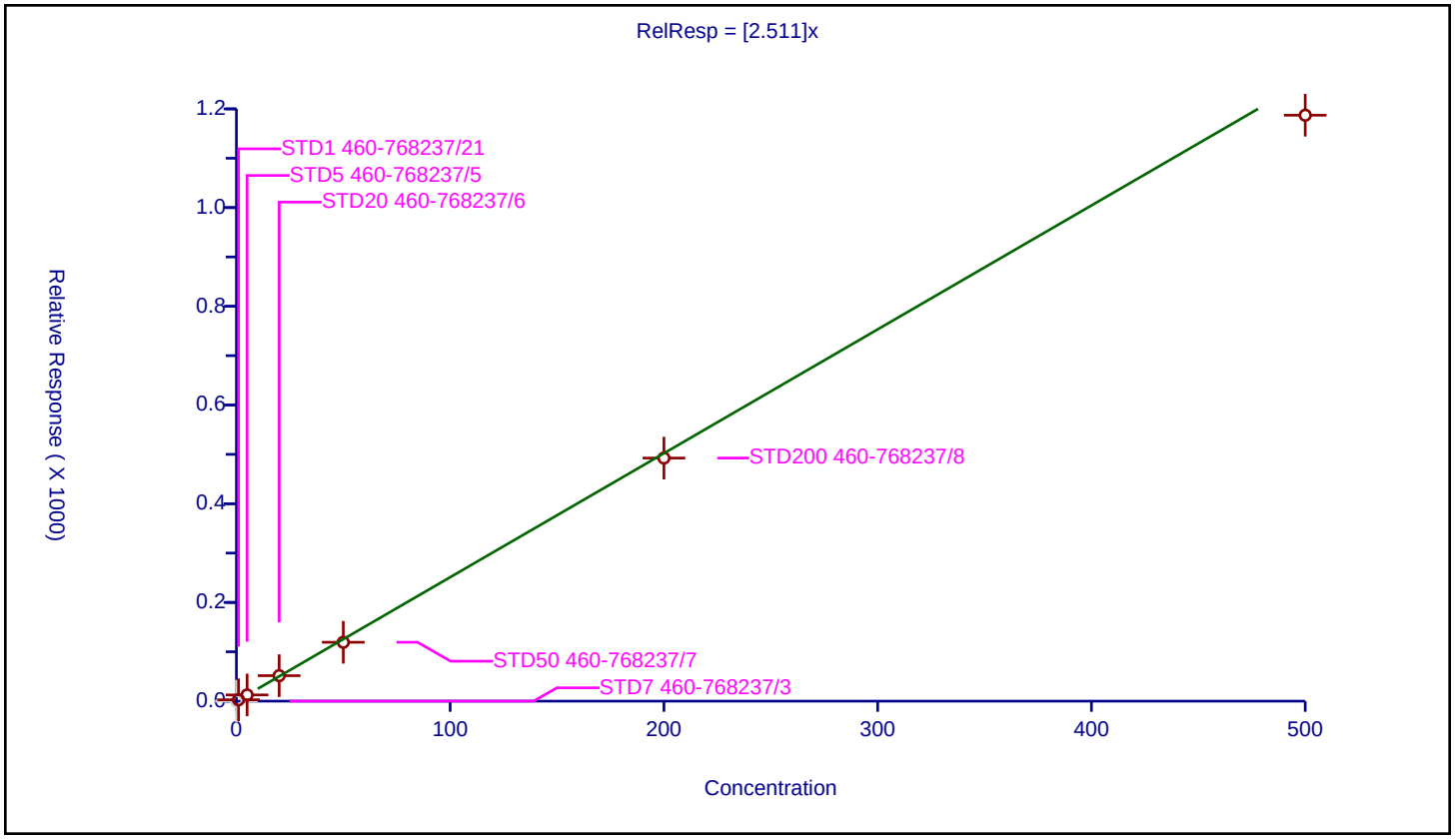
Curve Coefficients

Intercept:	0
Slope:	2.511

Error Coefficients

Standard Error:	125000
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	1000.0	184670.0	NaN	N
2	STD1 460-768237/21	1.0	2.73947	1000.0	160250.0	2.73947	Y
3	STD5 460-768237/5	5.0	12.614028	1000.0	165530.0	2.522806	Y
4	STD20 460-768237/6	20.0	51.605066	1000.0	164635.0	2.580253	Y
5	STD50 460-768237/7	50.0	119.289952	1000.0	174298.0	2.385799	Y
6	STD200 460-768237/8	200.0	492.524917	1000.0	191436.0	2.462625	Y
7	STD500 460-768237/9	500.0	1187.148114	1000.0	222551.0	2.374296	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

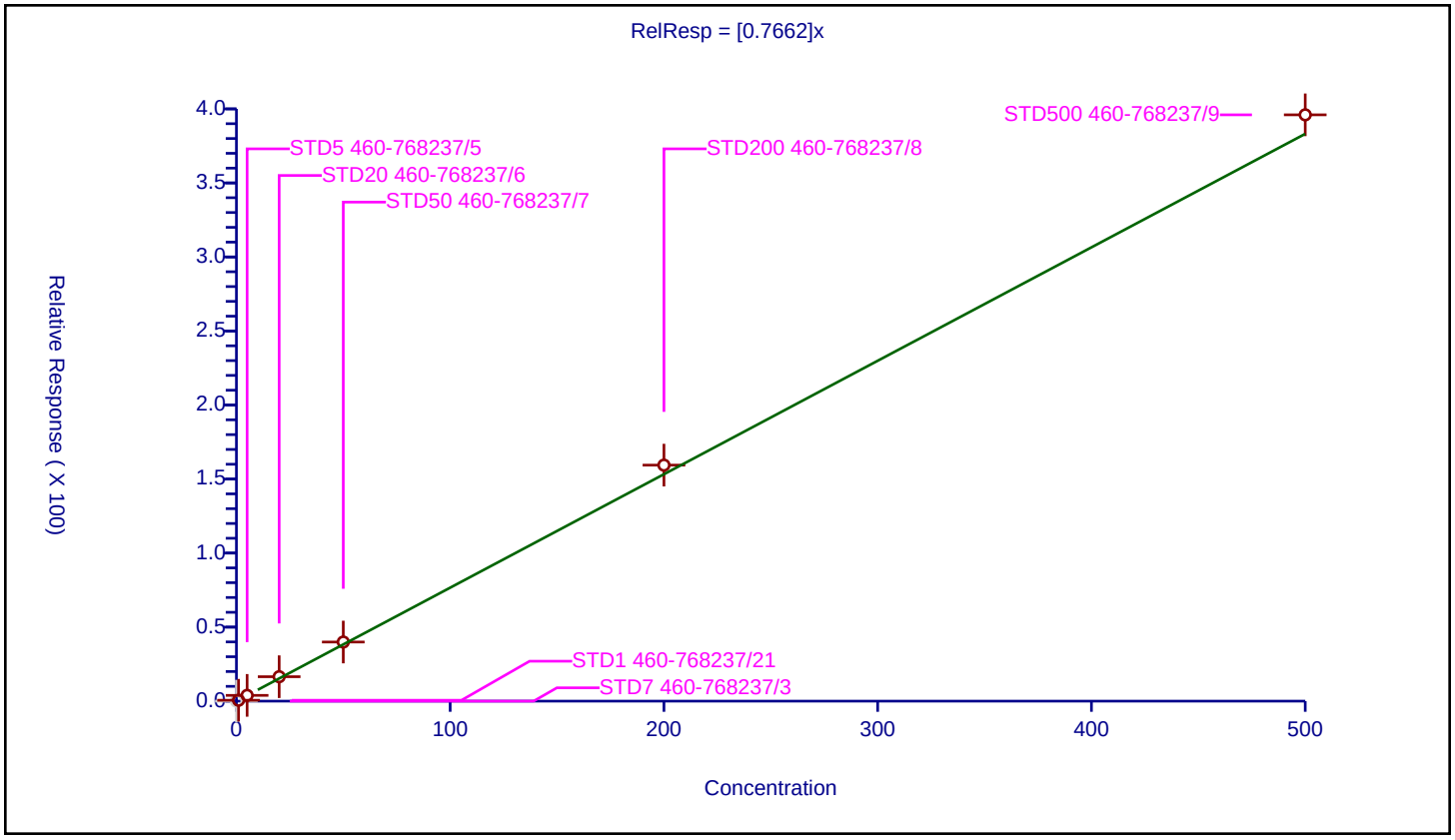
Curve Coefficients

Intercept:	0
Slope:	0.7662

Error Coefficients

Standard Error:	2150000
Relative Standard Error:	10.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.607802	50.0	498024.0	0.607802	Y
3	STD5 460-768237/5	5.0	3.886644	50.0	534317.0	0.777329	Y
4	STD20 460-768237/6	20.0	16.499908	50.0	504021.0	0.824995	Y
5	STD50 460-768237/7	50.0	39.920661	50.0	512608.0	0.798413	Y
6	STD200 460-768237/8	200.0	159.396278	50.0	542816.0	0.796981	Y
7	STD500 460-768237/9	500.0	395.989004	50.0	563501.0	0.791978	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

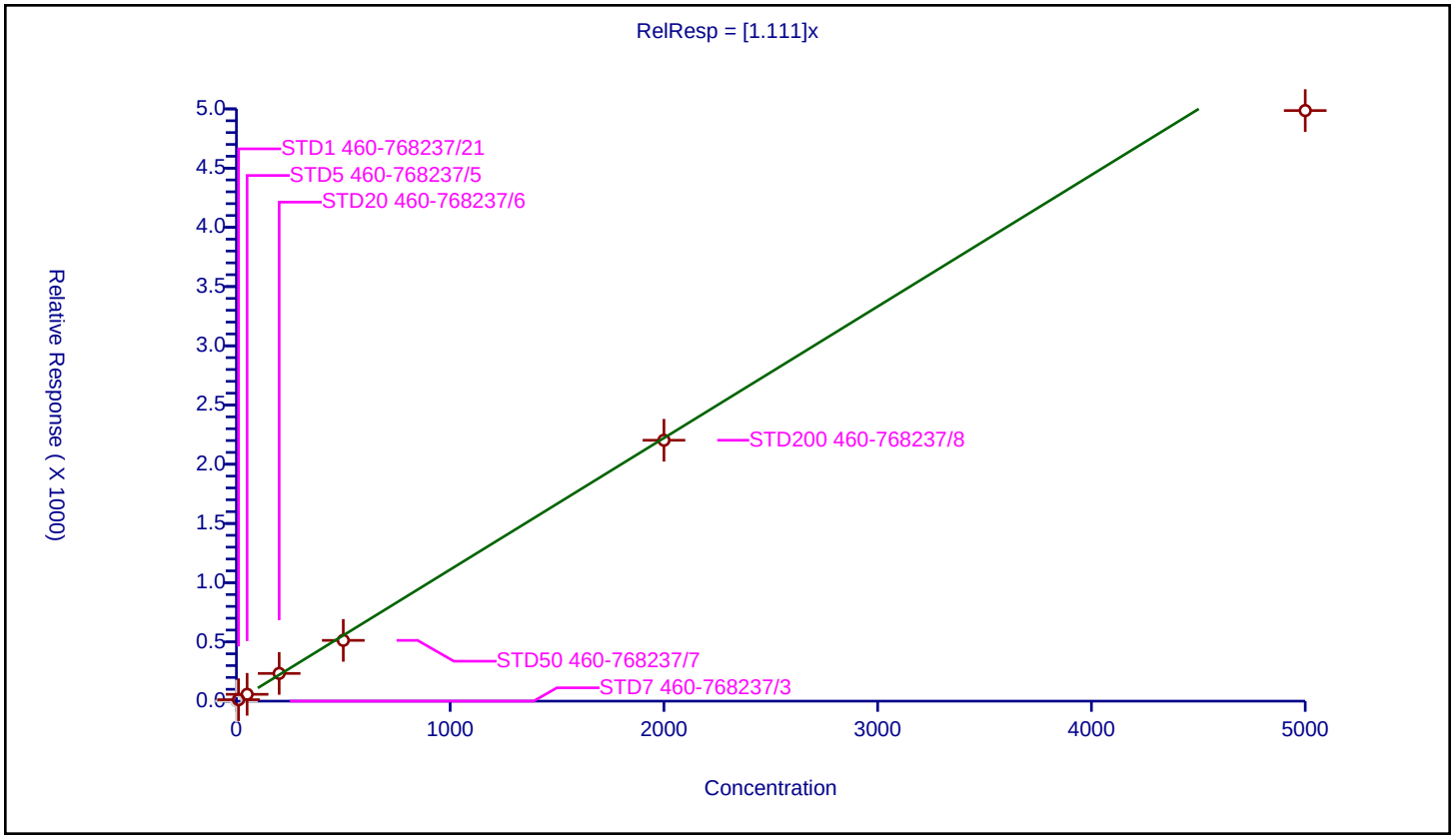
Curve Coefficients

Intercept:	0
Slope:	1.111

Error Coefficients

Standard Error:	530000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	1000.0	184670.0	NaN	N
2	STD1 460-768237/21	10.0	12.156006	1000.0	160250.0	1.215601	Y
3	STD5 460-768237/5	50.0	57.693469	1000.0	165530.0	1.153869	Y
4	STD20 460-768237/6	200.0	233.97212	1000.0	164635.0	1.169861	Y
5	STD50 460-768237/7	500.0	512.914663	1000.0	174298.0	1.025829	Y
6	STD200 460-768237/8	2000.0	2202.506321	1000.0	191436.0	1.101253	Y
7	STD500 460-768237/9	5000.0	4985.922328	1000.0	222551.0	0.997184	Y



Calibration / Acetonitrile

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

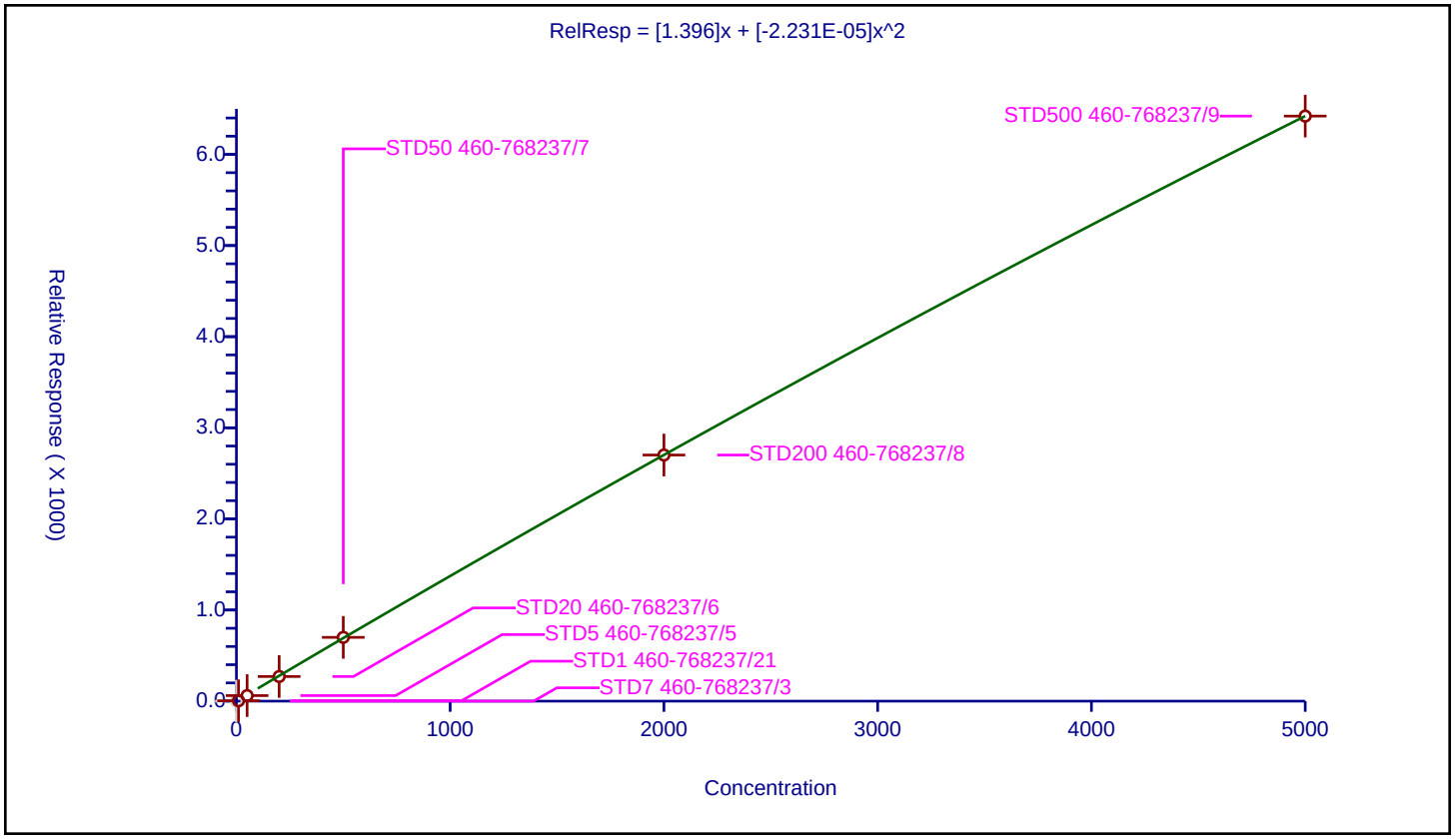
Curve Coefficients

Intercept:	0
Slope:	1.396
Second Order:	-2.231E-05

Error Coefficients

Standard Error:	759000
Relative Standard Error:	36.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	1000.0	184670.0	NaN	N
2	STD1 460-768237/21	10.0	3.831513	1000.0	160250.0	0.383151	Y
3	STD5 460-768237/5	50.0	60.804688	1000.0	165530.0	1.216094	Y
4	STD20 460-768237/6	200.0	270.13697	1000.0	164635.0	1.350685	Y
5	STD50 460-768237/7	500.0	699.979346	1000.0	174298.0	1.399959	Y
6	STD200 460-768237/8	2000.0	2701.116822	1000.0	191436.0	1.350558	Y
7	STD500 460-768237/9	5000.0	6421.152904	1000.0	222551.0	1.284231	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

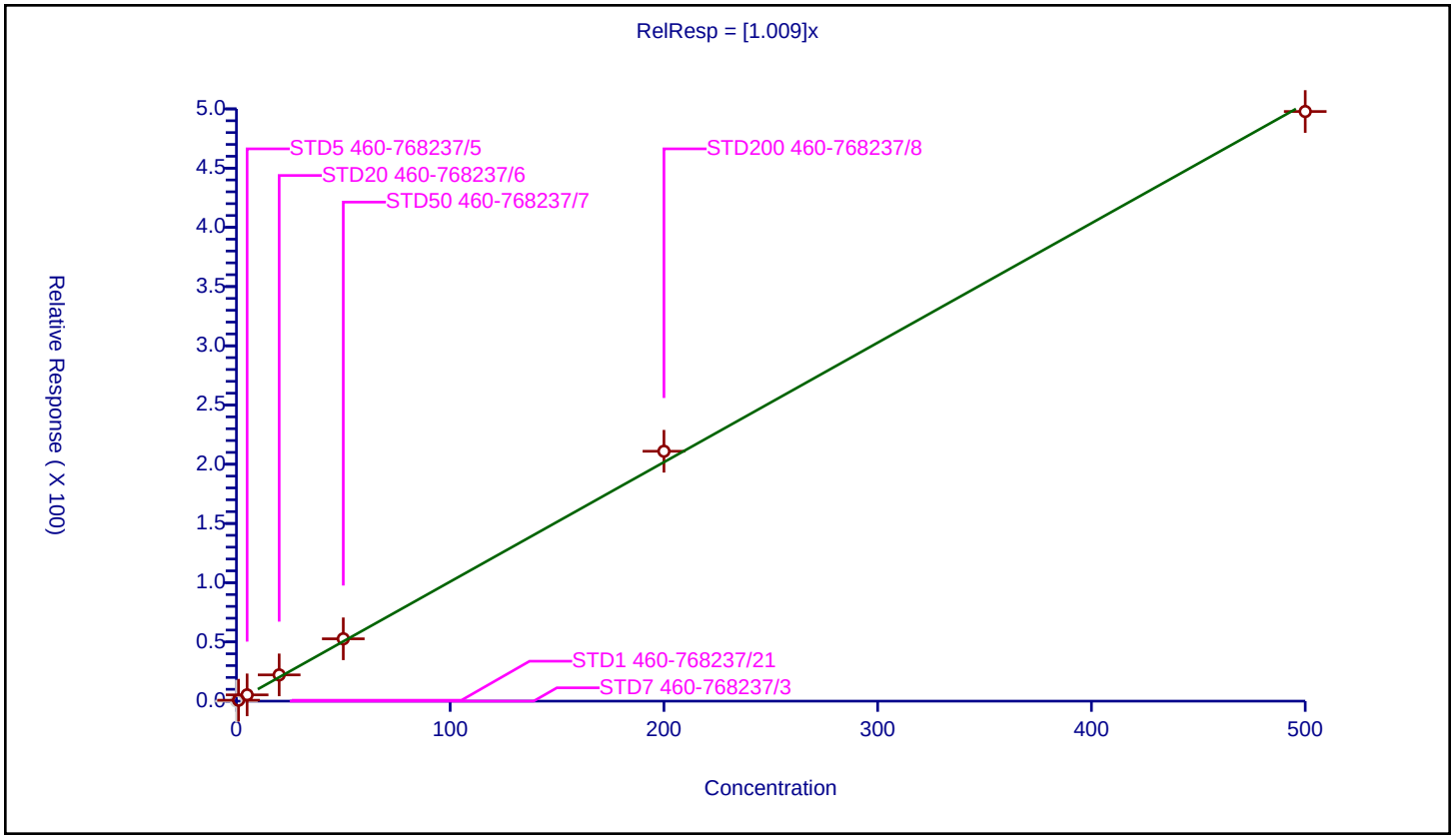
Curve Coefficients

Intercept:	0
Slope:	1.009

Error Coefficients

Standard Error:	2720000
Relative Standard Error:	11.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.780685	50.0	498024.0	0.780685	Y
3	STD5 460-768237/5	5.0	5.303967	50.0	534317.0	1.060793	Y
4	STD20 460-768237/6	20.0	22.156418	50.0	504021.0	1.107821	Y
5	STD50 460-768237/7	50.0	52.631641	50.0	512608.0	1.052633	Y
6	STD200 460-768237/8	200.0	210.975911	50.0	542816.0	1.05488	Y
7	STD500 460-768237/9	500.0	497.788203	50.0	563501.0	0.995576	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

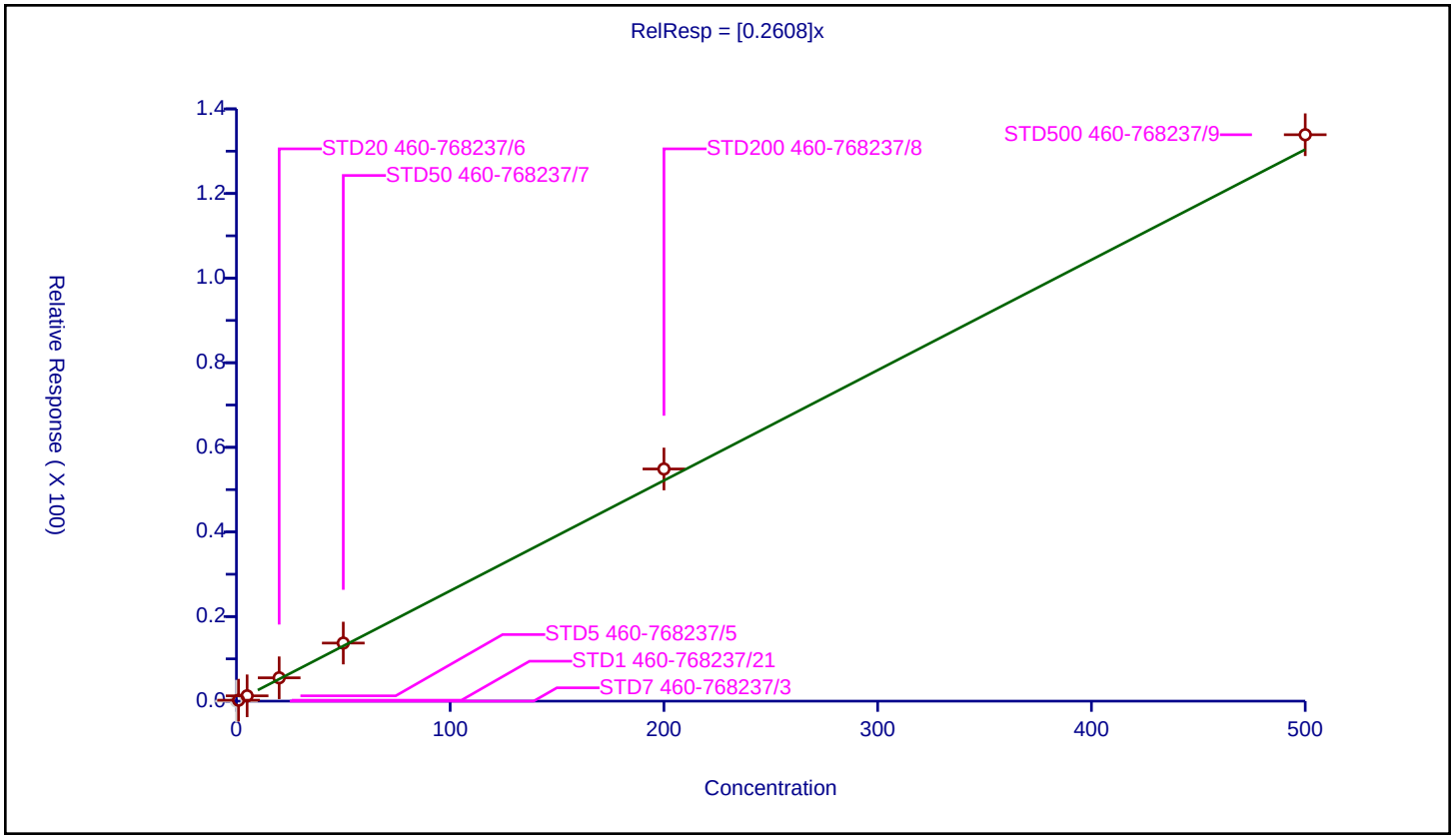
Curve Coefficients

Intercept:	0
Slope:	0.2608

Error Coefficients

Standard Error:	729000
Relative Standard Error:	8.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.221074	50.0	498024.0	0.221074	Y
3	STD5 460-768237/5	5.0	1.25609	50.0	534317.0	0.251218	Y
4	STD20 460-768237/6	20.0	5.516437	50.0	504021.0	0.275822	Y
5	STD50 460-768237/7	50.0	13.726278	50.0	512608.0	0.274526	Y
6	STD200 460-768237/8	200.0	54.876146	50.0	542816.0	0.274381	Y
7	STD500 460-768237/9	500.0	133.891067	50.0	563501.0	0.267782	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

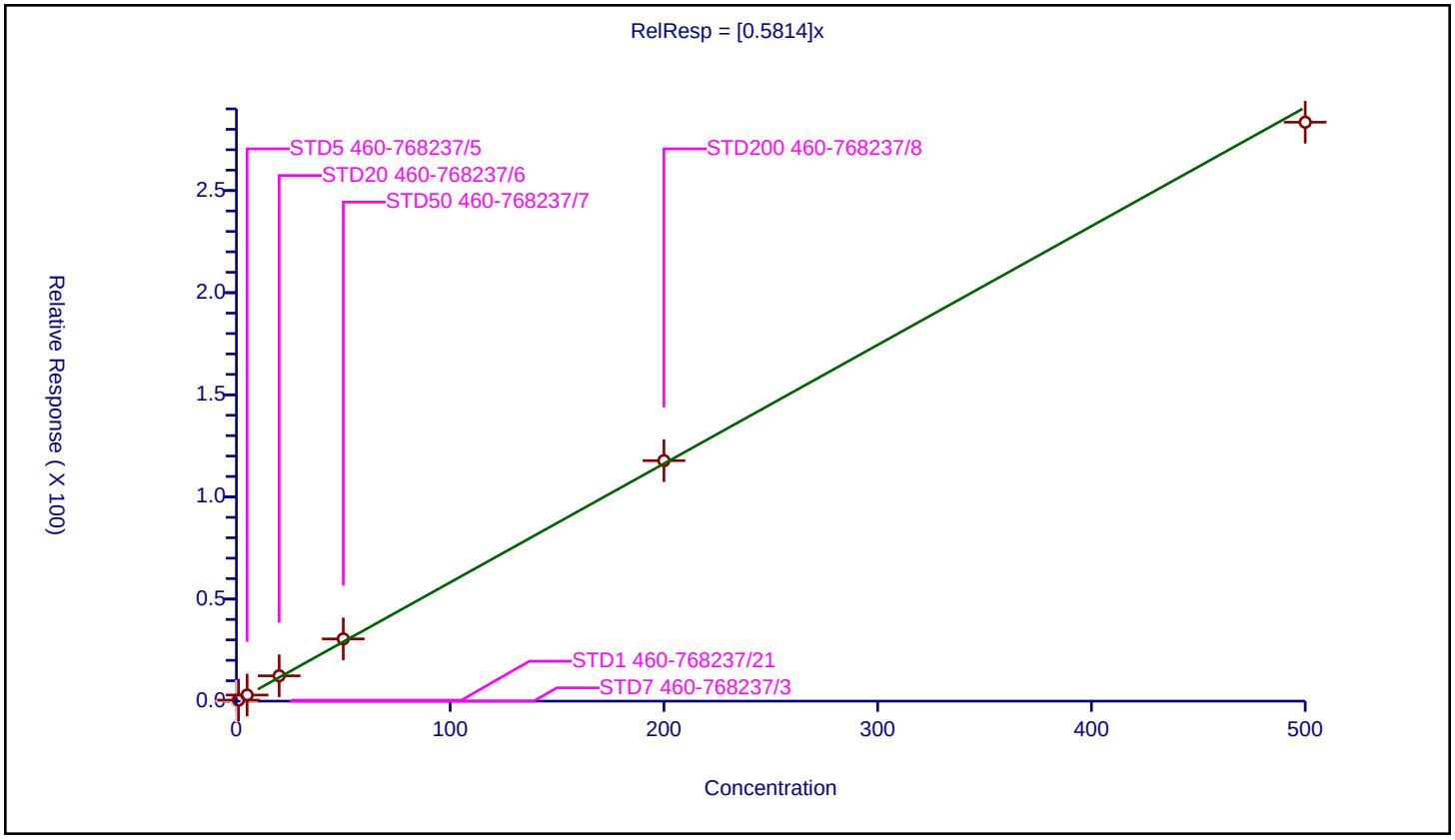
Curve Coefficients

Intercept:	0
Slope:	0.5814

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.504695	50.0	498024.0	0.504695	Y
3	STD5 460-768237/5	5.0	2.988488	50.0	534317.0	0.597698	Y
4	STD20 460-768237/6	20.0	12.413272	50.0	504021.0	0.620664	Y
5	STD50 460-768237/7	50.0	30.487039	50.0	512608.0	0.609741	Y
6	STD200 460-768237/8	200.0	117.777939	50.0	542816.0	0.58889	Y
7	STD500 460-768237/9	500.0	283.464359	50.0	563501.0	0.566929	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

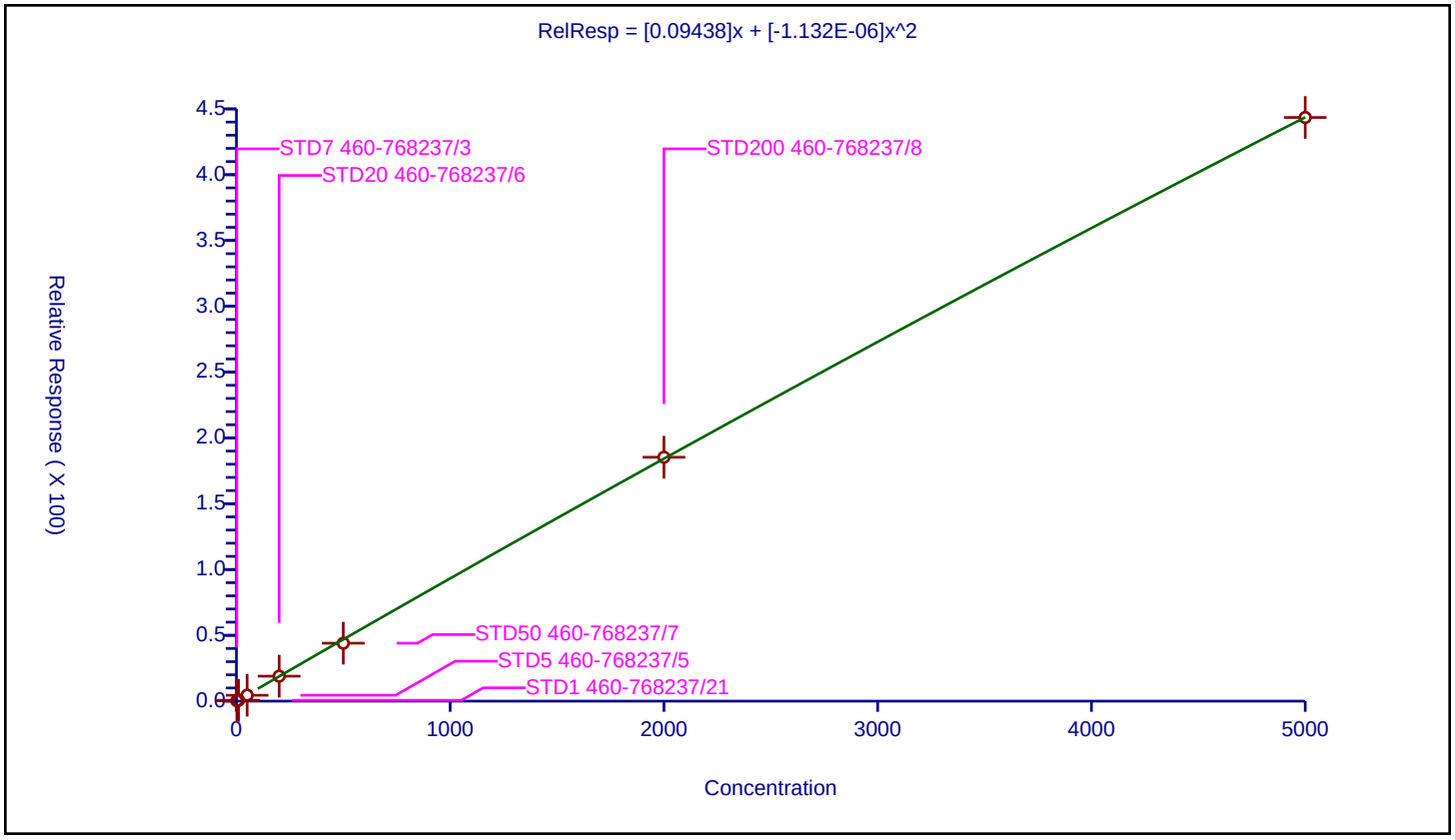
Curve Coefficients

Intercept:	0
Slope:	0.09438
Second Order:	-1.132E-06

Error Coefficients

Standard Error:	2420000
Relative Standard Error:	22.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	2.0	0.260761	50.0	562392.0	0.130381	Y
2	STD1 460-768237/21	10.0	0.654386	50.0	498024.0	0.065439	Y
3	STD5 460-768237/5	50.0	4.481516	50.0	534317.0	0.08963	Y
4	STD20 460-768237/6	200.0	18.96796	50.0	504021.0	0.09484	Y
5	STD50 460-768237/7	500.0	44.017261	50.0	512608.0	0.088035	Y
6	STD200 460-768237/8	2000.0	185.3139	50.0	542816.0	0.092657	Y
7	STD500 460-768237/9	5000.0	443.475344	50.0	563501.0	0.088695	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

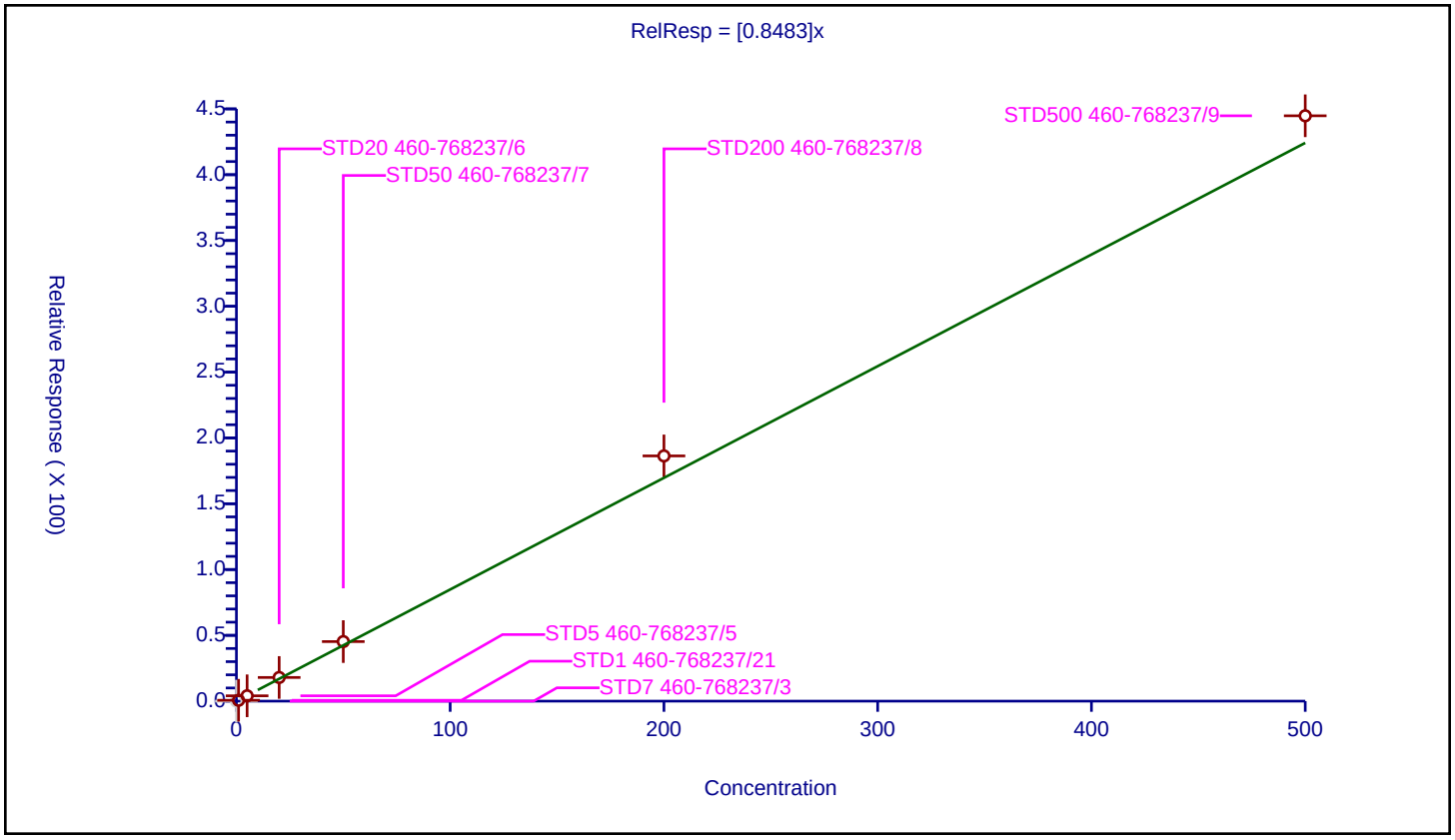
Curve Coefficients

Intercept:	0
Slope:	0.8483

Error Coefficients

Standard Error:	2430000
Relative Standard Error:	12.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.652378	50.0	498024.0	0.652378	Y
3	STD5 460-768237/5	5.0	4.062476	50.0	534317.0	0.812495	Y
4	STD20 460-768237/6	20.0	17.975243	50.0	504021.0	0.898762	Y
5	STD50 460-768237/7	50.0	45.250562	50.0	512608.0	0.905011	Y
6	STD200 460-768237/8	200.0	186.322069	50.0	542816.0	0.93161	Y
7	STD500 460-768237/9	500.0	444.763363	50.0	563501.0	0.889527	Y



Calibration / Vinyl acetate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

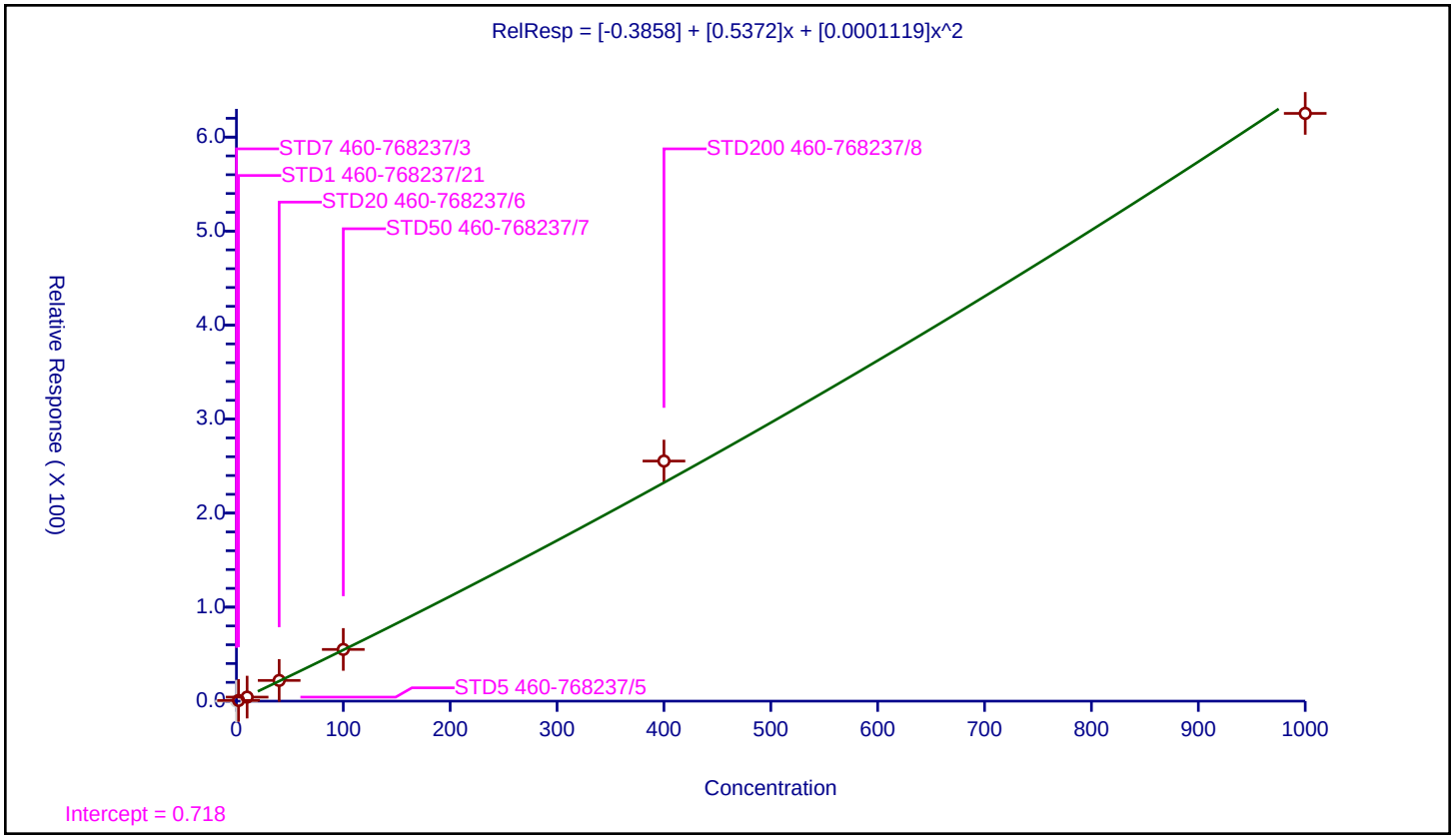
Curve Coefficients

Intercept:	-0.3858
Slope:	0.5372
Second Order:	0.0001119

Error Coefficients

Standard Error:	386000
Relative Standard Error:	9.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	250.0	229579.0	NaN	N
2	STD1 460-768237/21	2.0	0.714872	250.0	209478.0	0.357436	Y
3	STD5 460-768237/5	10.0	4.289723	250.0	223441.0	0.428972	Y
4	STD20 460-768237/6	40.0	22.028711	250.0	223674.0	0.550718	Y
5	STD50 460-768237/7	100.0	54.997988	250.0	228672.0	0.54998	Y
6	STD200 460-768237/8	400.0	255.400567	250.0	235716.0	0.638501	Y
7	STD500 460-768237/9	1000.0	625.210403	250.0	248927.0	0.62521	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

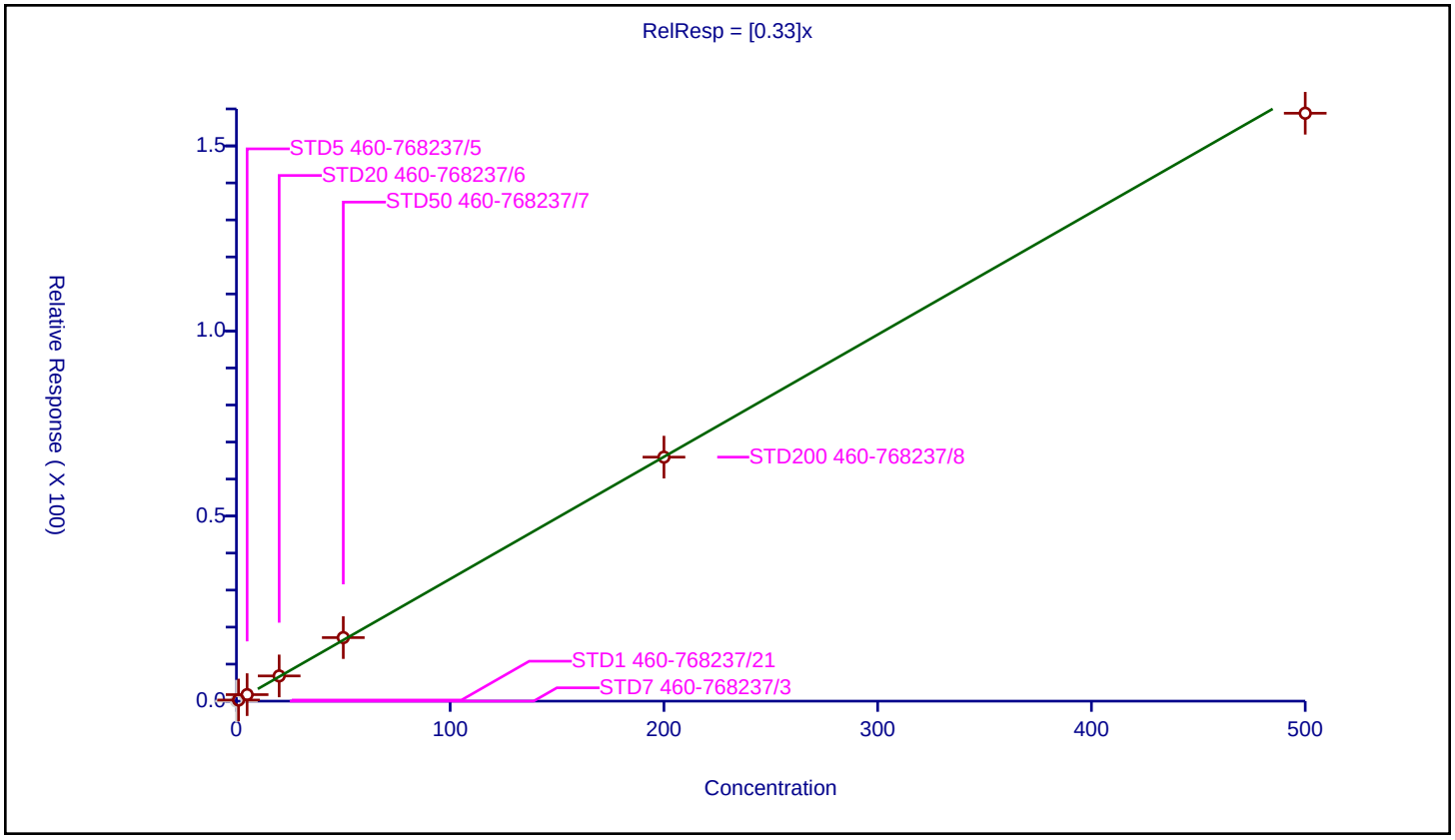
Curve Coefficients

Intercept:	0
Slope:	0.33

Error Coefficients

Standard Error:	866000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.297476	50.0	498024.0	0.297476	Y
3	STD5 460-768237/5	5.0	1.759442	50.0	534317.0	0.351888	Y
4	STD20 460-768237/6	20.0	6.808546	50.0	504021.0	0.340427	Y
5	STD50 460-768237/7	50.0	17.161067	50.0	512608.0	0.343221	Y
6	STD200 460-768237/8	200.0	65.918654	50.0	542816.0	0.329593	Y
7	STD500 460-768237/9	500.0	158.82545	50.0	563501.0	0.317651	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

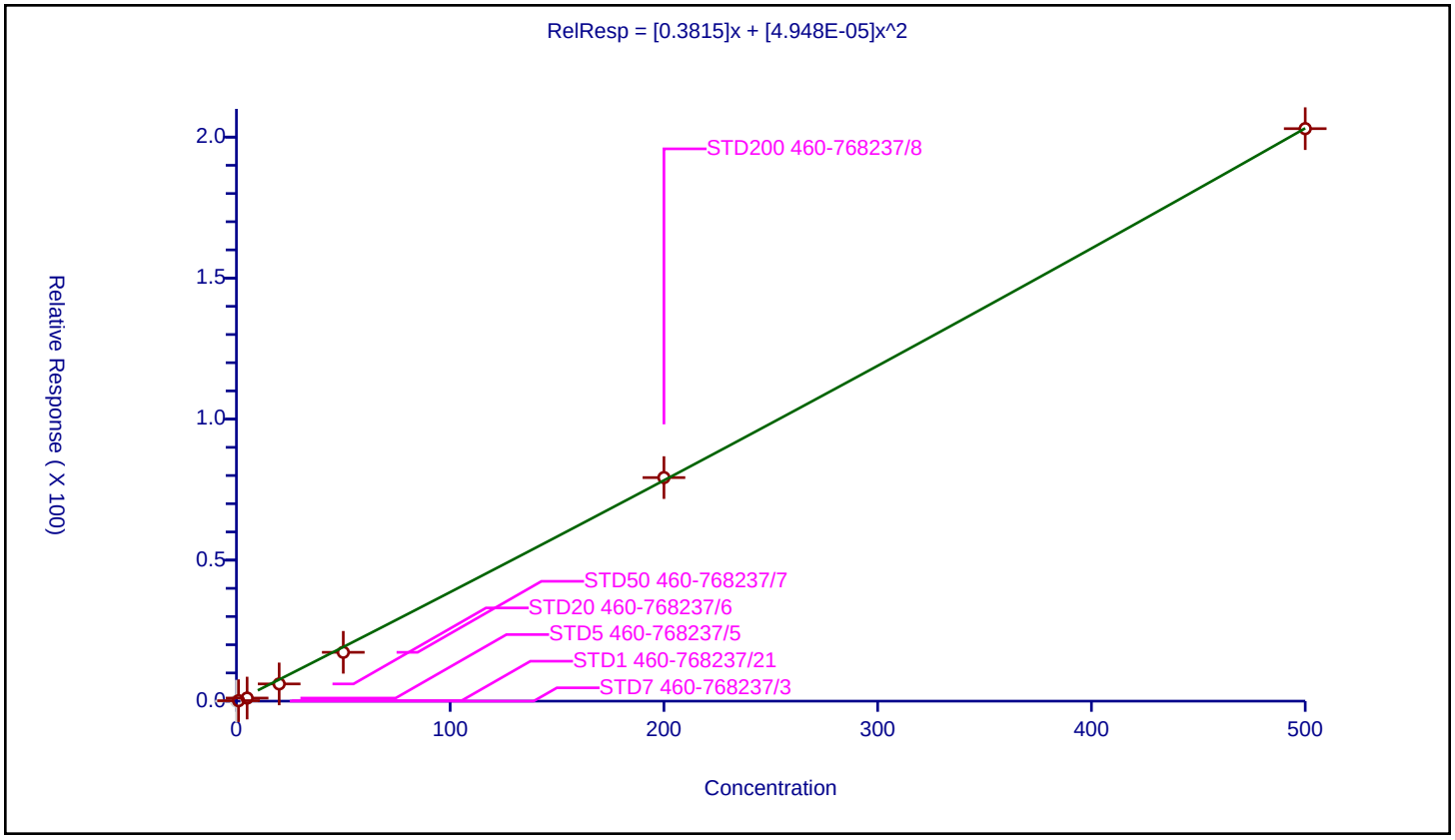
Curve Coefficients

Intercept:	0
Slope:	0.3815
Second Order:	4.948E-05

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	38.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.153306	50.0	498024.0	0.153306	Y
3	STD5 460-768237/5	5.0	1.08896	50.0	534317.0	0.217792	Y
4	STD20 460-768237/6	20.0	6.107384	50.0	504021.0	0.305369	Y
5	STD50 460-768237/7	50.0	17.319862	50.0	512608.0	0.346397	Y
6	STD200 460-768237/8	200.0	79.271153	50.0	542816.0	0.396356	Y
7	STD500 460-768237/9	500.0	202.993872	50.0	563501.0	0.405988	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

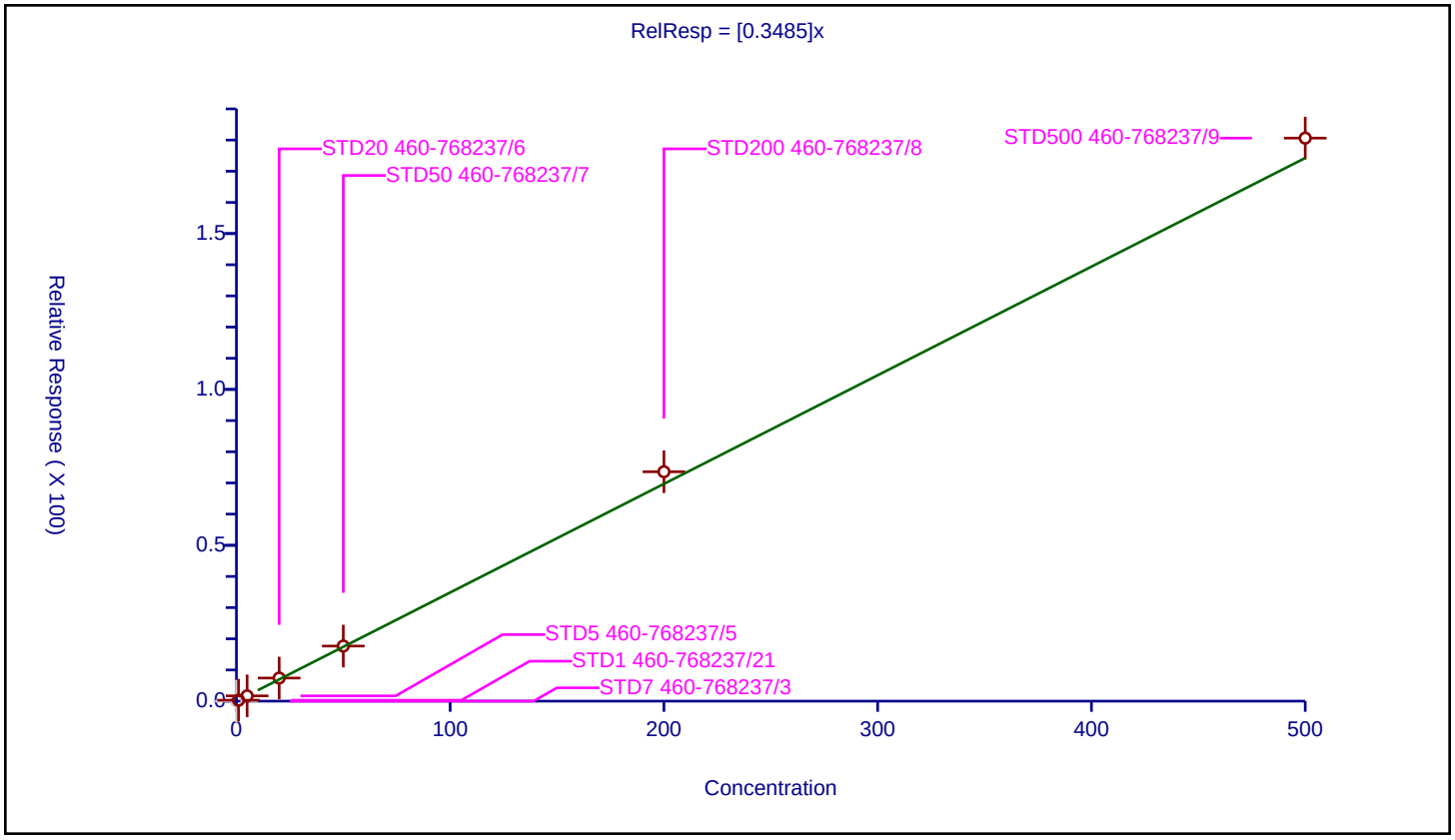
Curve Coefficients

Intercept:	0
Slope:	0.3485

Error Coefficients

Standard Error:	982000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.299283	50.0	498024.0	0.299283	Y
3	STD5 460-768237/5	5.0	1.691131	50.0	534317.0	0.338226	Y
4	STD20 460-768237/6	20.0	7.414473	50.0	504021.0	0.370724	Y
5	STD50 460-768237/7	50.0	17.676568	50.0	512608.0	0.353531	Y
6	STD200 460-768237/8	200.0	73.589485	50.0	542816.0	0.367947	Y
7	STD500 460-768237/9	500.0	180.62275	50.0	563501.0	0.361245	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

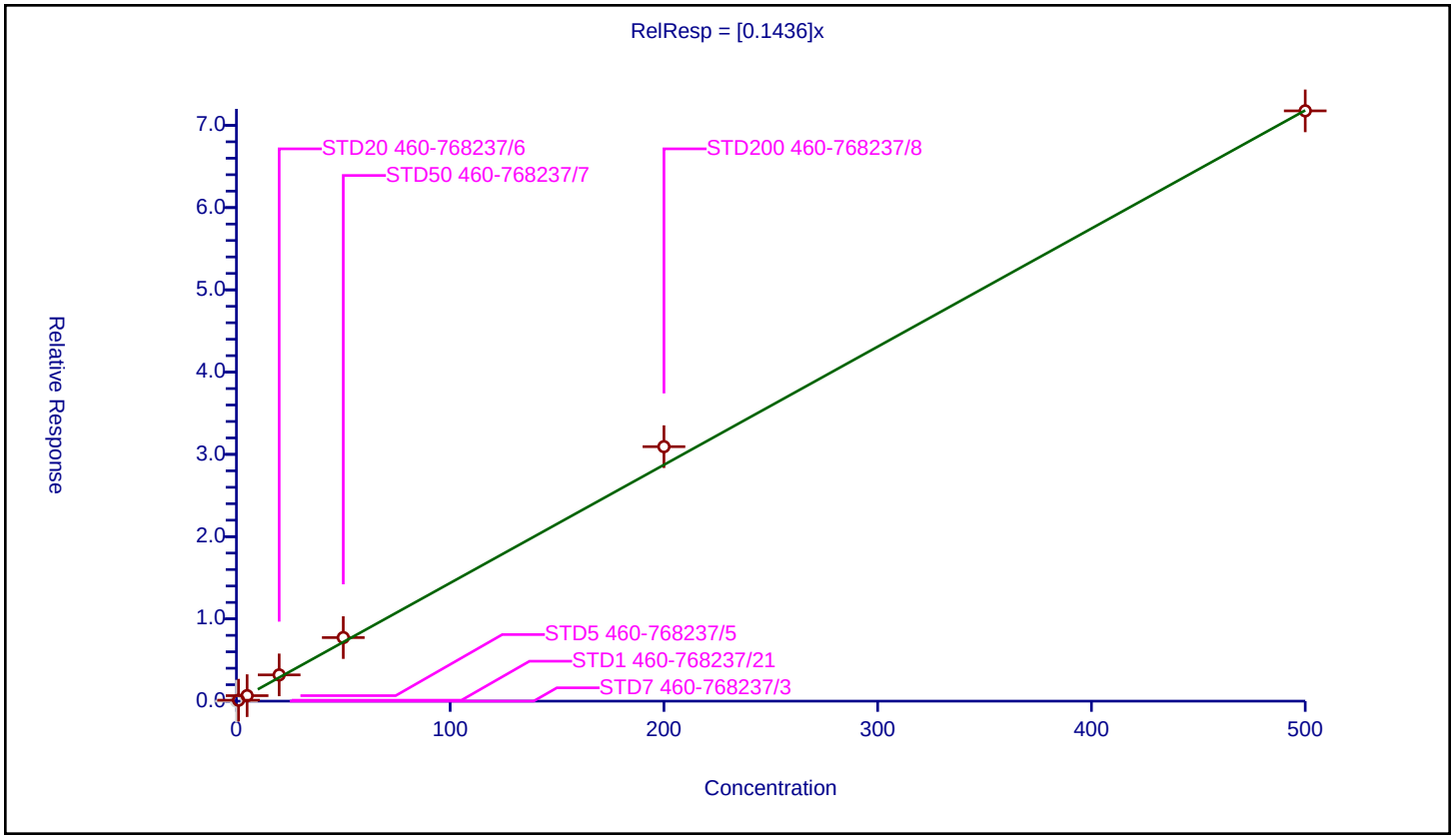
Curve Coefficients

Intercept:	0
Slope:	0.1436

Error Coefficients

Standard Error:	393000
Relative Standard Error:	11.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.115958	50.0	498024.0	0.115958	Y
3	STD5 460-768237/5	5.0	0.668143	50.0	534317.0	0.133629	Y
4	STD20 460-768237/6	20.0	3.190542	50.0	504021.0	0.159527	Y
5	STD50 460-768237/7	50.0	7.726567	50.0	512608.0	0.154531	Y
6	STD200 460-768237/8	200.0	30.9382	50.0	542816.0	0.154691	Y
7	STD500 460-768237/9	500.0	71.759677	50.0	563501.0	0.143519	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

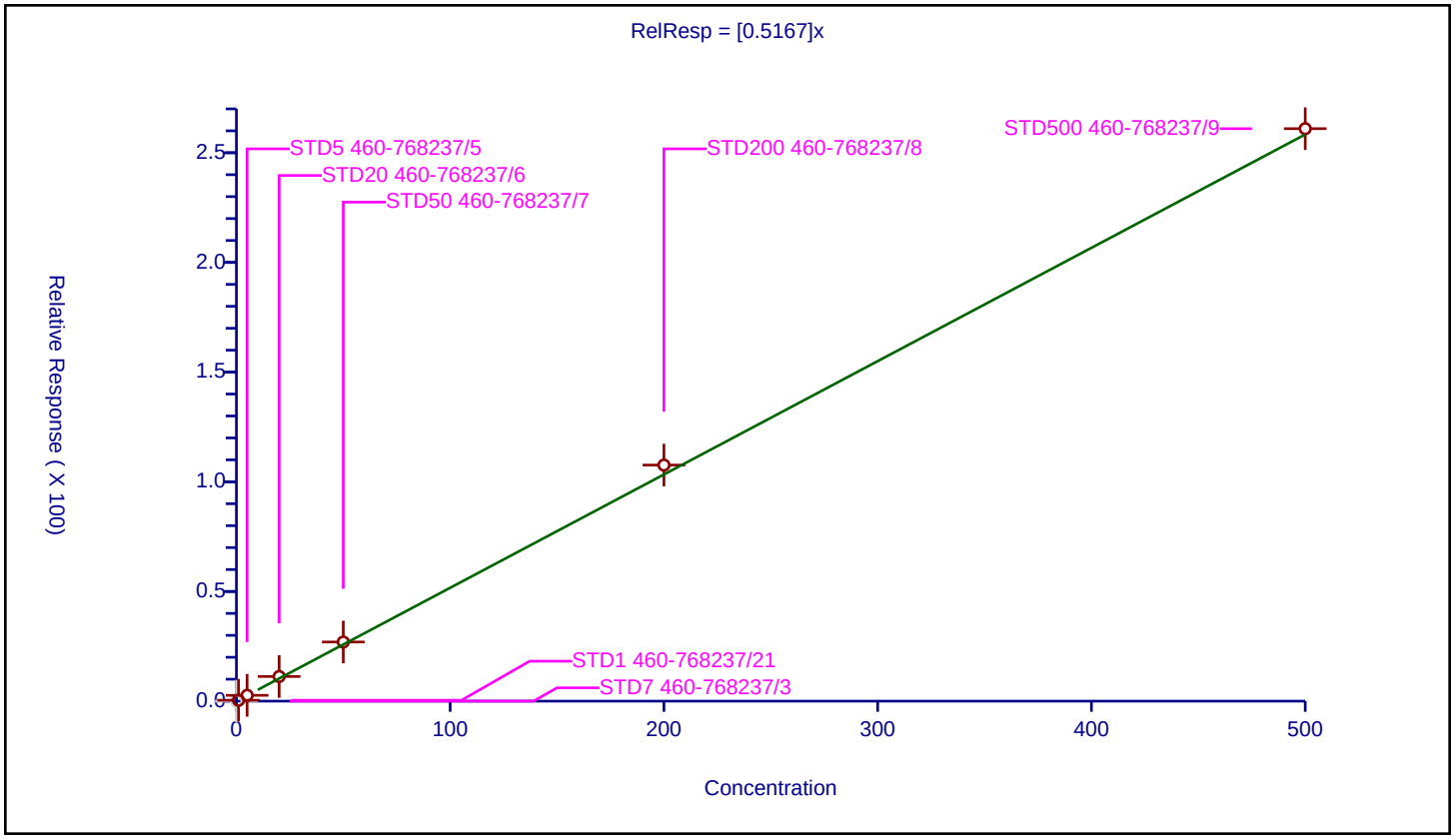
Curve Coefficients

Intercept:	0
Slope:	0.5167

Error Coefficients

Standard Error:	1420000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.407209	50.0	498024.0	0.407209	Y
3	STD5 460-768237/5	5.0	2.657786	50.0	534317.0	0.531557	Y
4	STD20 460-768237/6	20.0	11.236536	50.0	504021.0	0.561827	Y
5	STD50 460-768237/7	50.0	26.967683	50.0	512608.0	0.539354	Y
6	STD200 460-768237/8	200.0	107.617683	50.0	542816.0	0.538088	Y
7	STD500 460-768237/9	500.0	260.976201	50.0	563501.0	0.521952	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

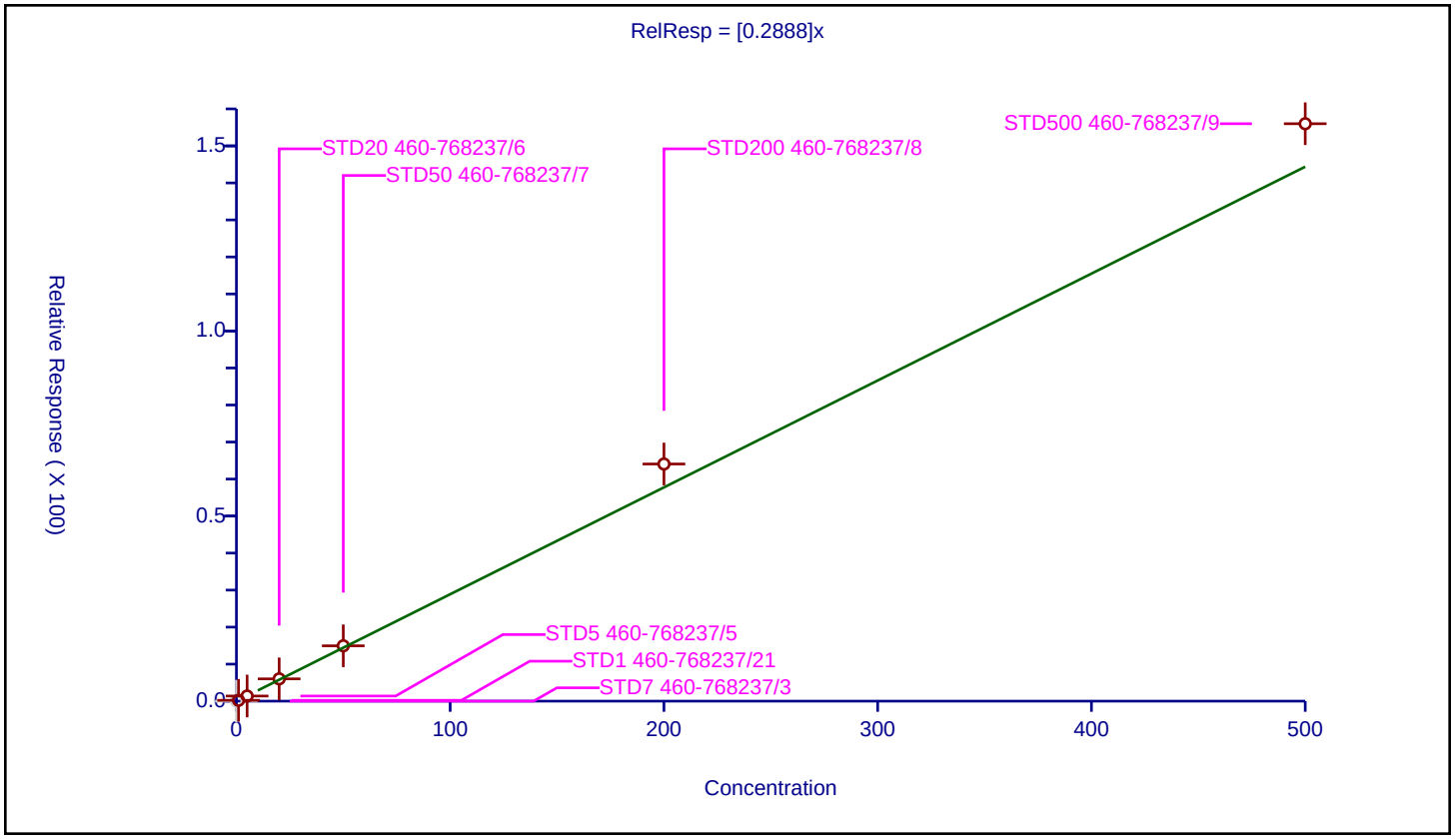
Curve Coefficients

Intercept:	0
Slope:	0.2888

Error Coefficients

Standard Error:	849000
Relative Standard Error:	12.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.223282	50.0	498024.0	0.223282	Y
3	STD5 460-768237/5	5.0	1.385881	50.0	534317.0	0.277176	Y
4	STD20 460-768237/6	20.0	6.015523	50.0	504021.0	0.300776	Y
5	STD50 460-768237/7	50.0	14.947972	50.0	512608.0	0.298959	Y
6	STD200 460-768237/8	200.0	64.064434	50.0	542816.0	0.320322	Y
7	STD500 460-768237/9	500.0	155.992358	50.0	563501.0	0.311985	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

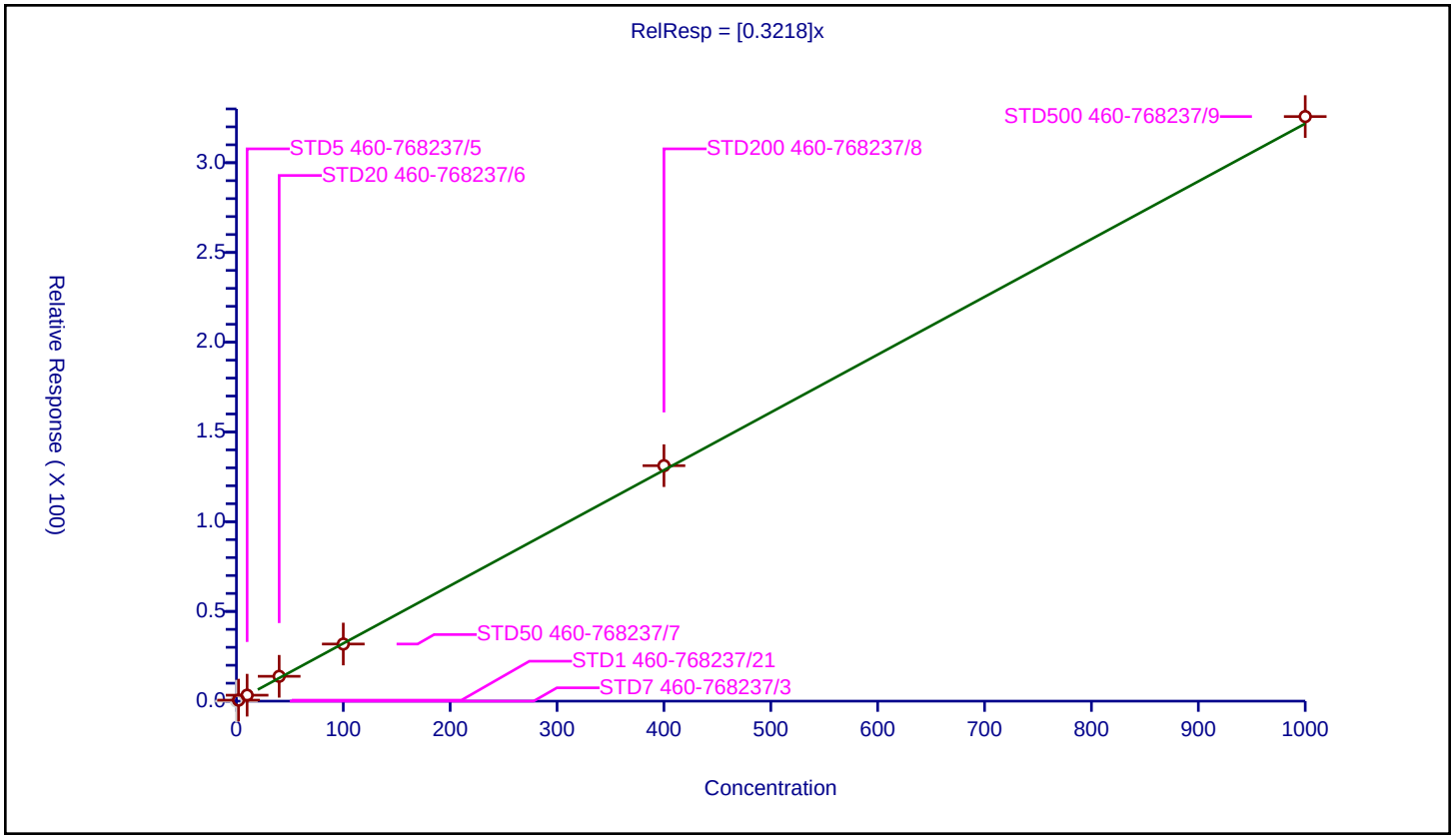
Curve Coefficients

Intercept:	0
Slope:	0.3218

Error Coefficients

Standard Error:	156000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	250.0	229579.0	NaN	N
2	STD1 460-768237/21	2.0	0.563305	250.0	209478.0	0.281652	Y
3	STD5 460-768237/5	10.0	3.312955	250.0	223441.0	0.331296	Y
4	STD20 460-768237/6	40.0	13.831514	250.0	223674.0	0.345788	Y
5	STD50 460-768237/7	100.0	31.826153	250.0	228672.0	0.318262	Y
6	STD200 460-768237/8	400.0	131.2045	250.0	235716.0	0.328011	Y
7	STD500 460-768237/9	1000.0	325.721999	250.0	248927.0	0.325722	Y



Calibration / Methyl acrylate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

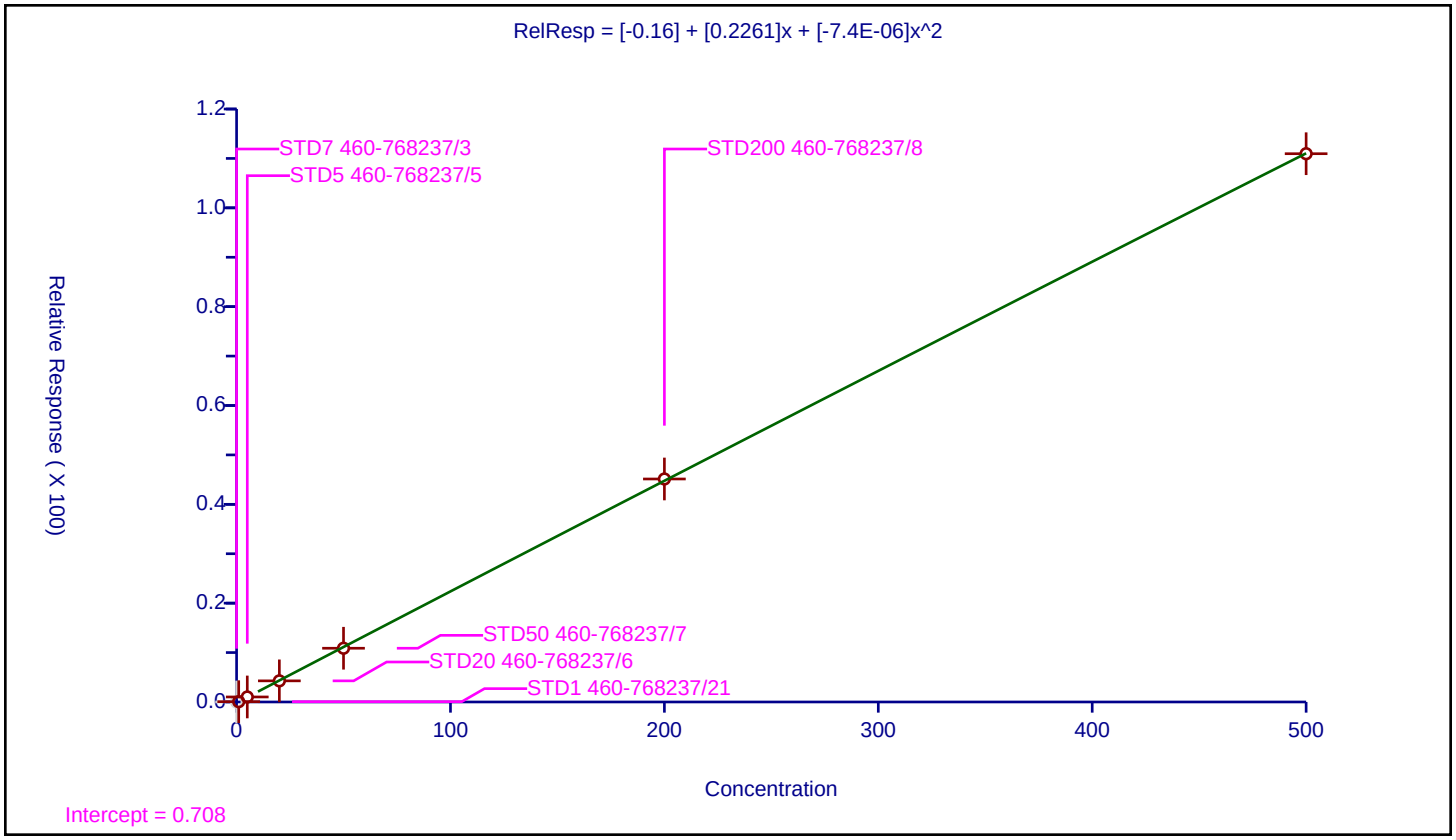
Curve Coefficients

Intercept:	-0.16
Slope:	0.2261
Second Order:	-7.4E-06

Error Coefficients

Standard Error:	778000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.064555	50.0	498024.0	0.064555	Y
3	STD5 460-768237/5	5.0	1.015034	50.0	534317.0	0.203007	Y
4	STD20 460-768237/6	20.0	4.276211	50.0	504021.0	0.213811	Y
5	STD50 460-768237/7	50.0	10.874977	50.0	512608.0	0.2175	Y
6	STD200 460-768237/8	200.0	45.128183	50.0	542816.0	0.225641	Y
7	STD500 460-768237/9	500.0	110.958011	50.0	563501.0	0.221916	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

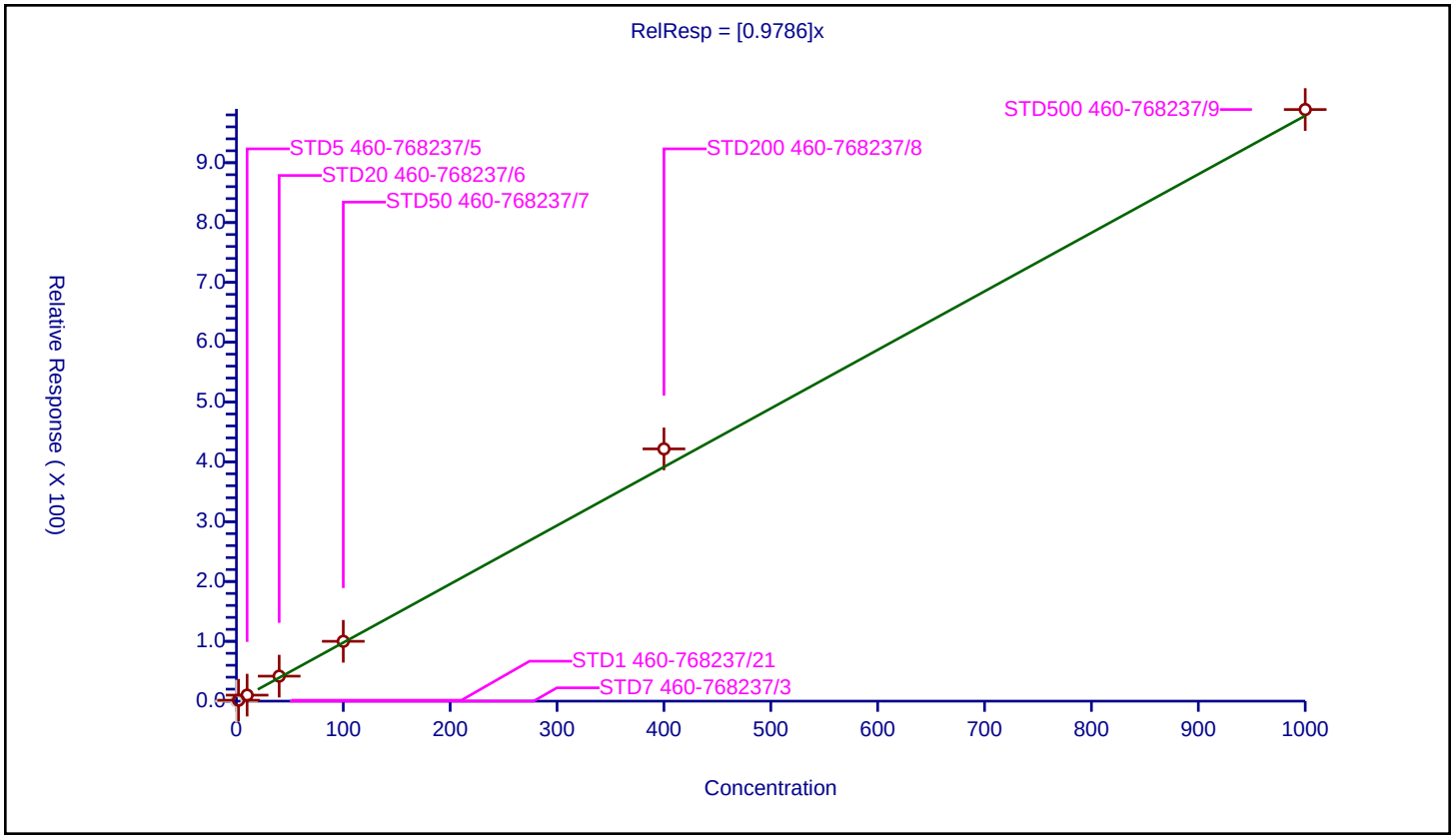
Curve Coefficients

Intercept:	0
Slope:	0.9786

Error Coefficients

Standard Error:	477000
Relative Standard Error:	10.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	250.0	229579.0	NaN	N
2	STD1 460-768237/21	2.0	1.557443	250.0	209478.0	0.778721	Y
3	STD5 460-768237/5	10.0	10.047395	250.0	223441.0	1.00474	Y
4	STD20 460-768237/6	40.0	41.80079	250.0	223674.0	1.04502	Y
5	STD50 460-768237/7	100.0	100.022084	250.0	228672.0	1.000221	Y
6	STD200 460-768237/8	400.0	421.620722	250.0	235716.0	1.054052	Y
7	STD500 460-768237/9	1000.0	988.950576	250.0	248927.0	0.988951	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

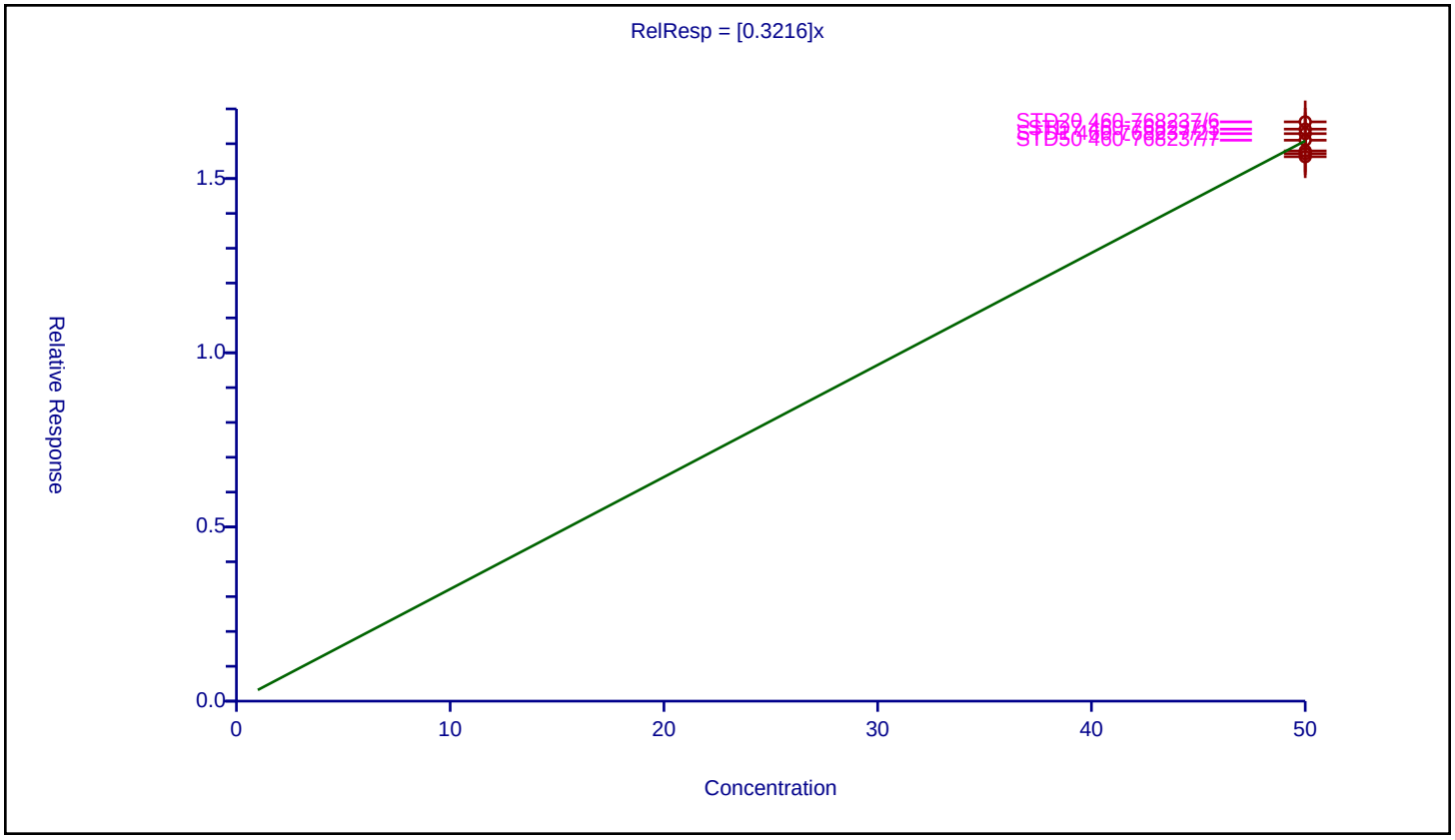
Curve Coefficients

Intercept:	0
Slope:	0.3216

Error Coefficients

Standard Error:	185000
Relative Standard Error:	2.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	50.0	16.41933	50.0	562392.0	0.328387	Y
2	STD5 460-768237/5	50.0	15.714828	50.0	534317.0	0.314297	Y
3	STD20 460-768237/6	50.0	16.62768	50.0	504021.0	0.332554	Y
4	STD50 460-768237/7	50.0	16.100997	50.0	512608.0	0.32202	Y
5	STD200 460-768237/8	50.0	15.793473	50.0	542816.0	0.315869	Y
6	STD500 460-768237/9	50.0	15.626592	50.0	563501.0	0.312532	Y
7	STD1 460-768237/21	50.0	16.289074	50.0	498024.0	0.325781	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

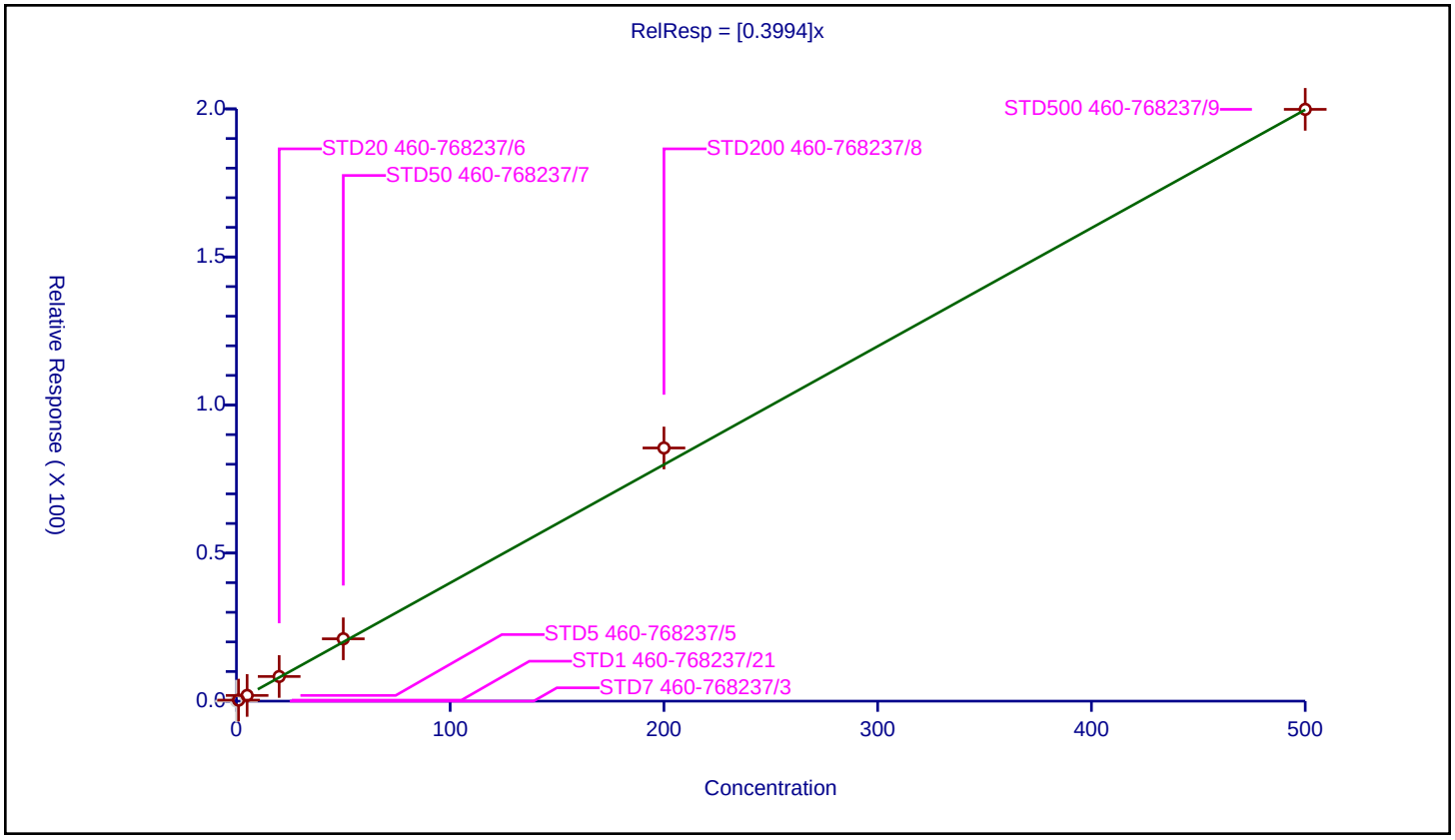
Curve Coefficients

Intercept:	0
Slope:	0.3994

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	7.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.346971	50.0	498024.0	0.346971	Y
3	STD5 460-768237/5	5.0	1.925823	50.0	534317.0	0.385165	Y
4	STD20 460-768237/6	20.0	8.322669	50.0	504021.0	0.416133	Y
5	STD50 460-768237/7	50.0	21.05488	50.0	512608.0	0.421098	Y
6	STD200 460-768237/8	200.0	85.497664	50.0	542816.0	0.427488	Y
7	STD500 460-768237/9	500.0	199.845342	50.0	563501.0	0.399691	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

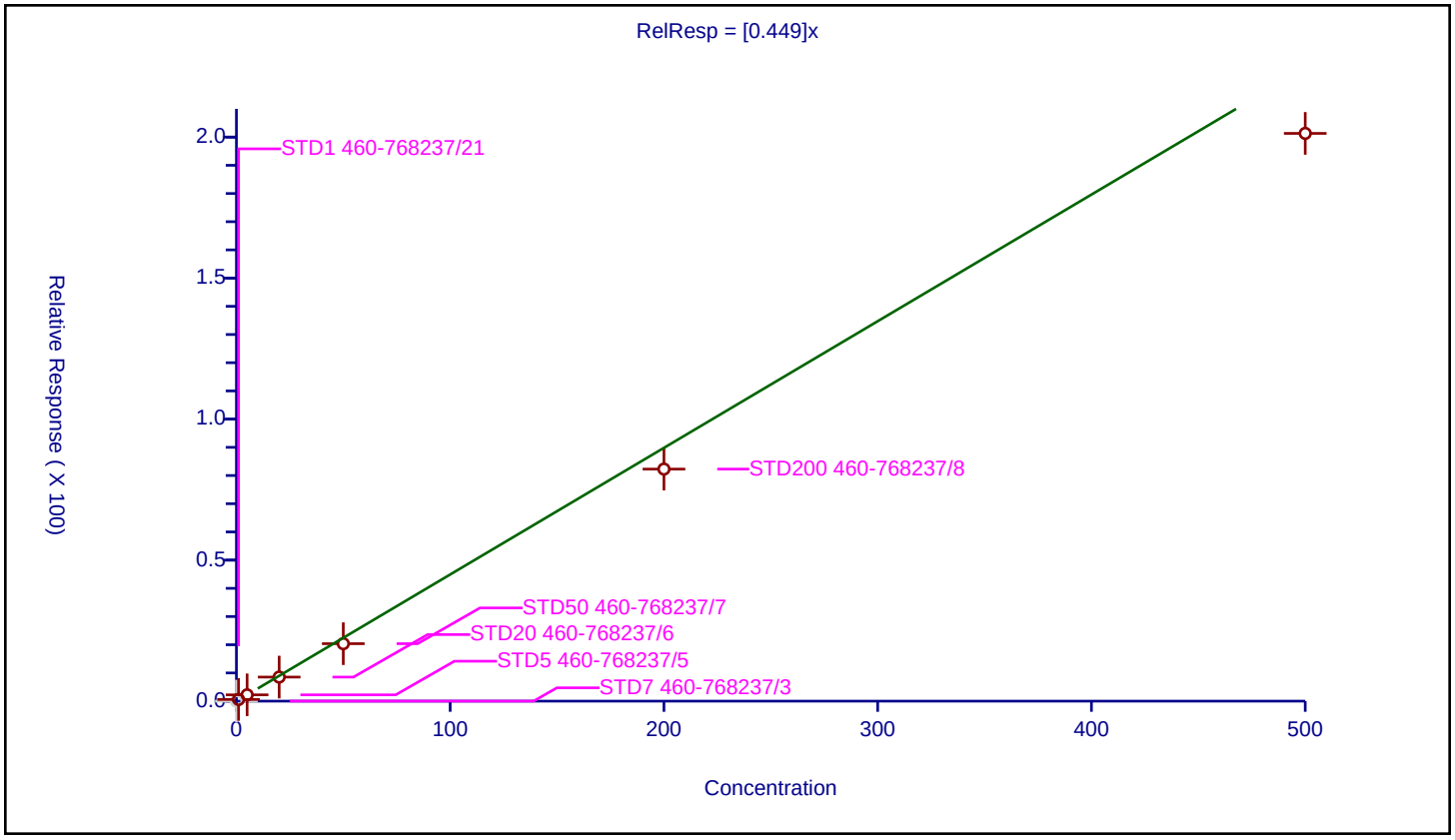
Curve Coefficients

Intercept:	0
Slope:	0.449

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	16.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.598766	50.0	498024.0	0.598766	Y
3	STD5 460-768237/5	5.0	2.236968	50.0	534317.0	0.447394	Y
4	STD20 460-768237/6	20.0	8.528811	50.0	504021.0	0.426441	Y
5	STD50 460-768237/7	50.0	20.379705	50.0	512608.0	0.407594	Y
6	STD200 460-768237/8	200.0	82.284144	50.0	542816.0	0.411421	Y
7	STD500 460-768237/9	500.0	201.313574	50.0	563501.0	0.402627	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

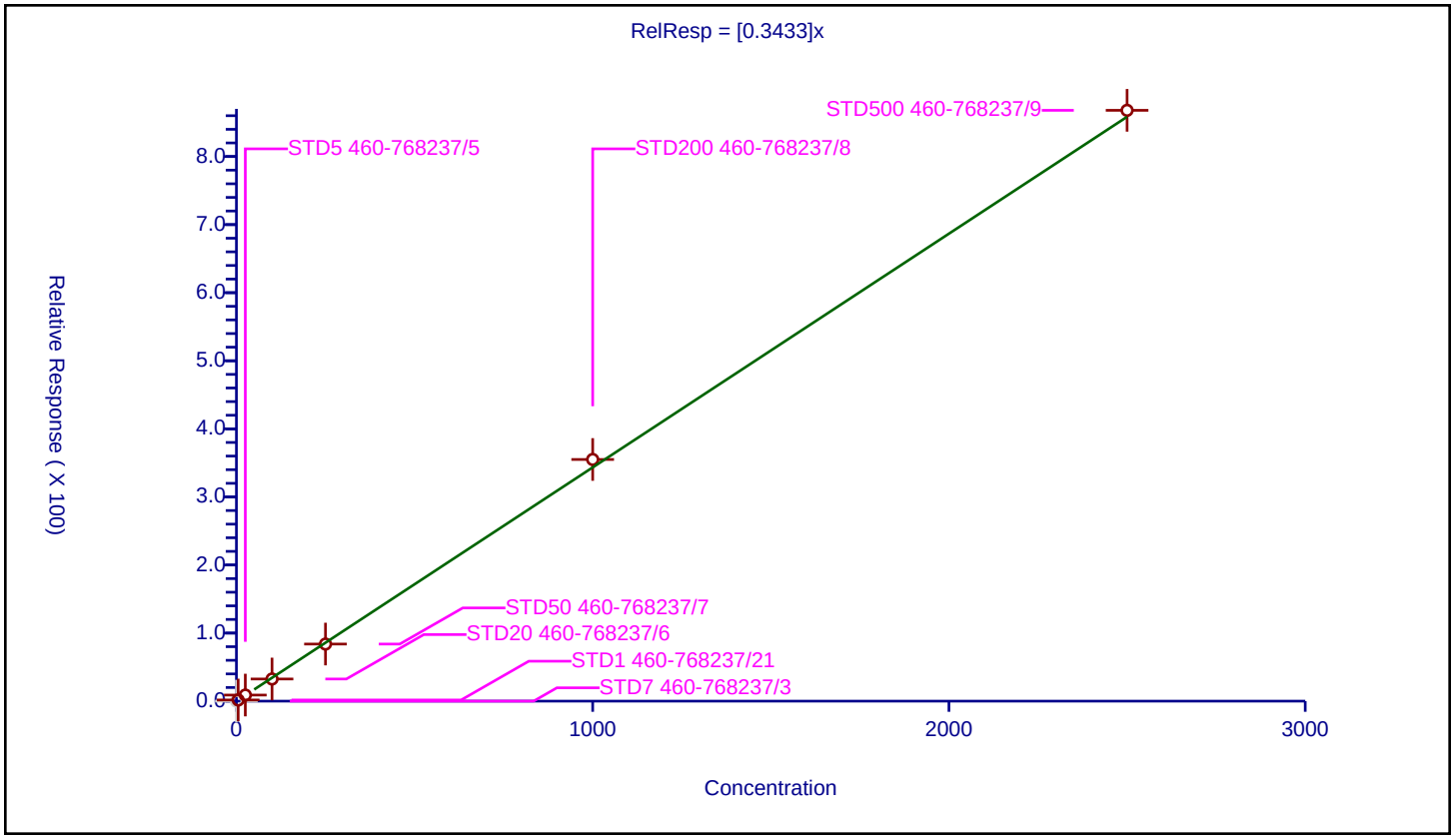
Curve Coefficients

Intercept:	0
Slope:	0.3433

Error Coefficients

Standard Error:	416000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	250.0	229579.0	NaN	N
2	STD1 460-768237/21	5.0	1.695882	250.0	209478.0	0.339176	Y
3	STD5 460-768237/5	25.0	8.948671	250.0	223441.0	0.357947	Y
4	STD20 460-768237/6	100.0	32.532838	250.0	223674.0	0.325328	Y
5	STD50 460-768237/7	250.0	83.863569	250.0	228672.0	0.335454	Y
6	STD200 460-768237/8	1000.0	355.002418	250.0	235716.0	0.355002	Y
7	STD500 460-768237/9	2500.0	867.879941	250.0	248927.0	0.347152	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

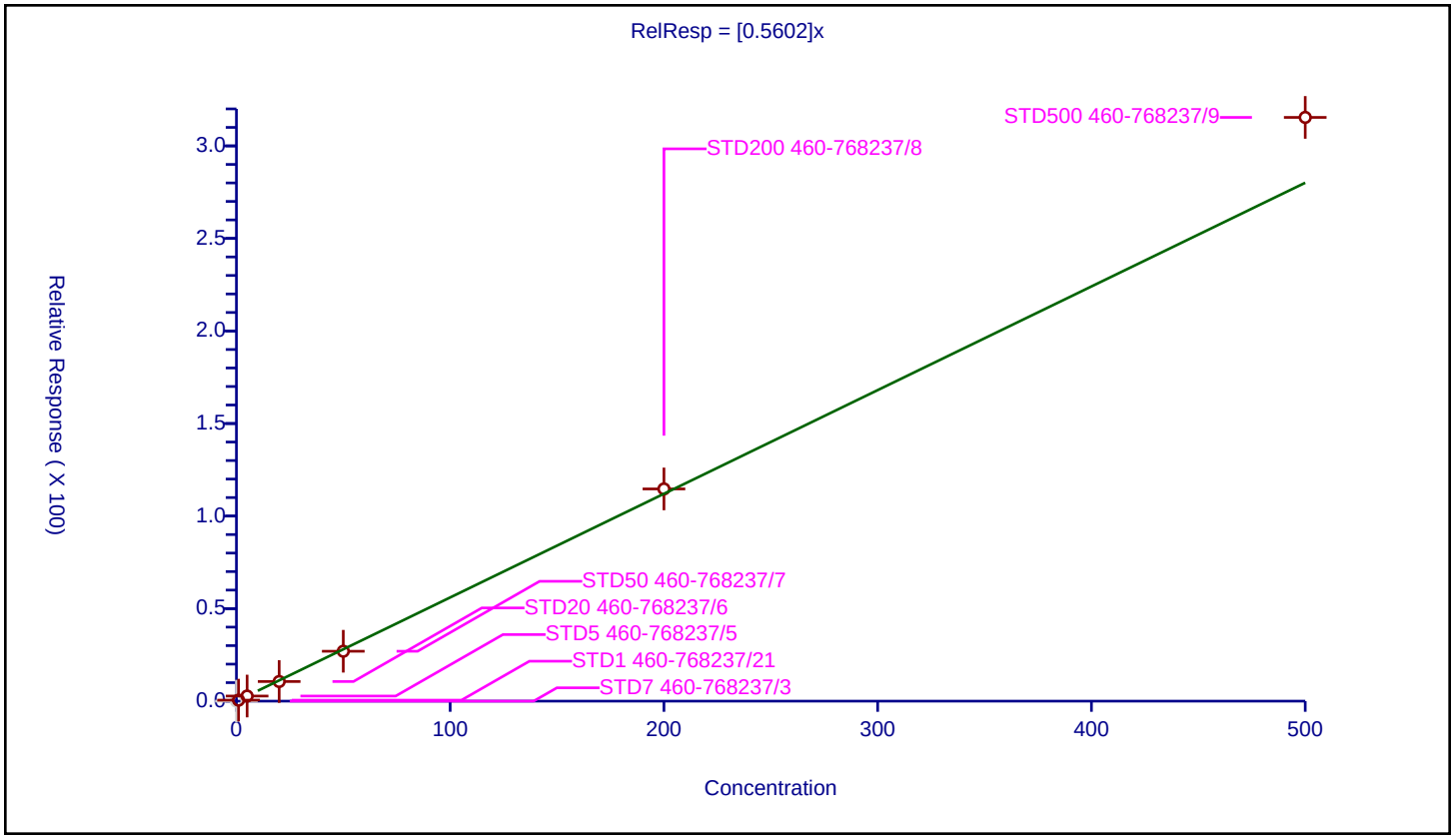
Curve Coefficients

Intercept:	0
Slope:	0.5602

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.537725	50.0	498024.0	0.537725	Y
3	STD5 460-768237/5	5.0	2.749585	50.0	534317.0	0.549917	Y
4	STD20 460-768237/6	20.0	10.598963	50.0	504021.0	0.529948	Y
5	STD50 460-768237/7	50.0	26.965927	50.0	512608.0	0.539319	Y
6	STD200 460-768237/8	200.0	114.655058	50.0	542816.0	0.573275	Y
7	STD500 460-768237/9	500.0	315.388171	50.0	563501.0	0.630776	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

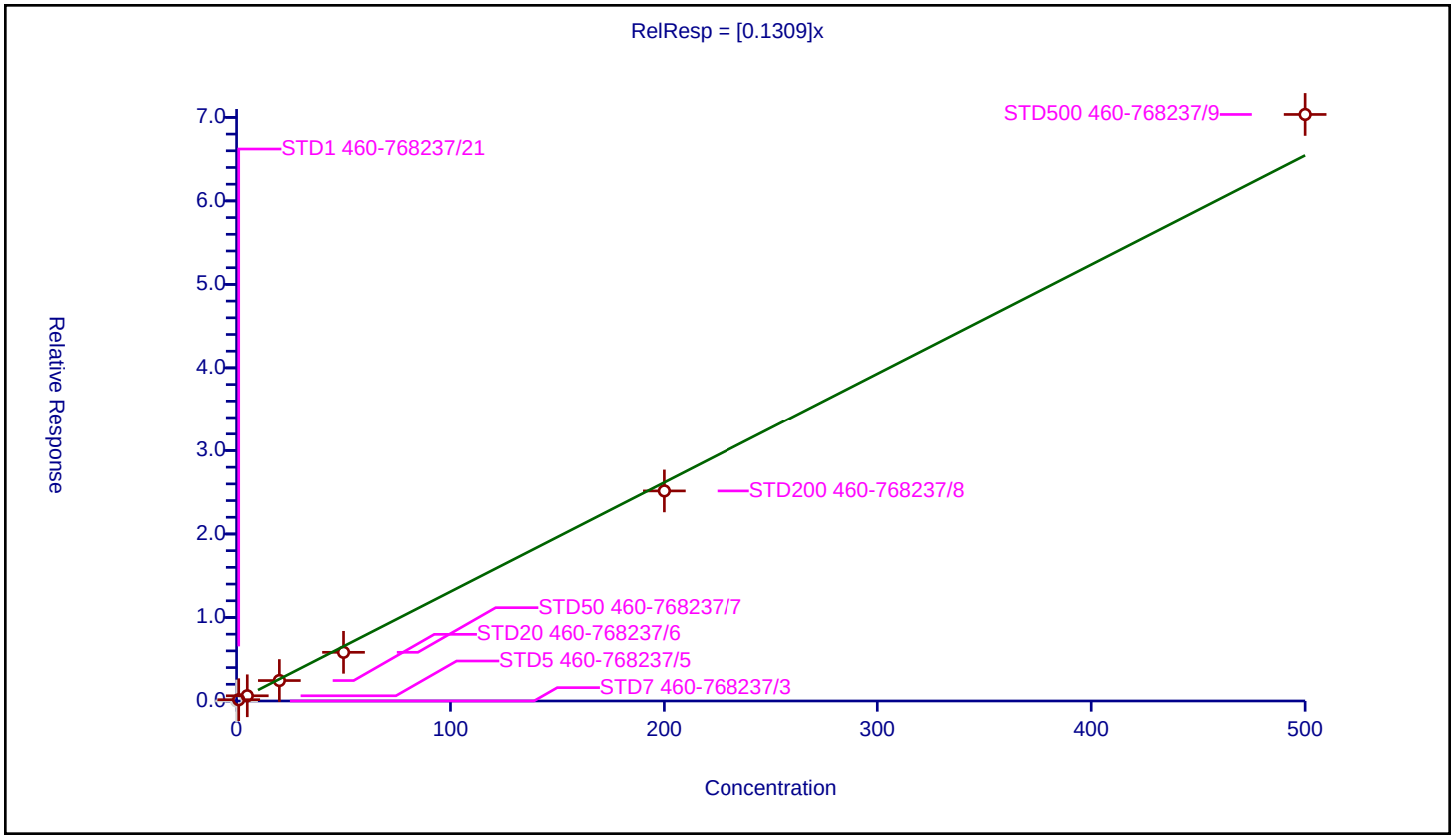
Curve Coefficients

Intercept:	0
Slope:	0.1309

Error Coefficients

Standard Error:	376000
Relative Standard Error:	10.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.155013	50.0	498024.0	0.155013	Y
3	STD5 460-768237/5	5.0	0.624629	50.0	534317.0	0.124926	Y
4	STD20 460-768237/6	20.0	2.448608	50.0	504021.0	0.12243	Y
5	STD50 460-768237/7	50.0	5.829893	50.0	512608.0	0.116598	Y
6	STD200 460-768237/8	200.0	25.155762	50.0	542816.0	0.125779	Y
7	STD500 460-768237/9	500.0	70.348056	50.0	563501.0	0.140696	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

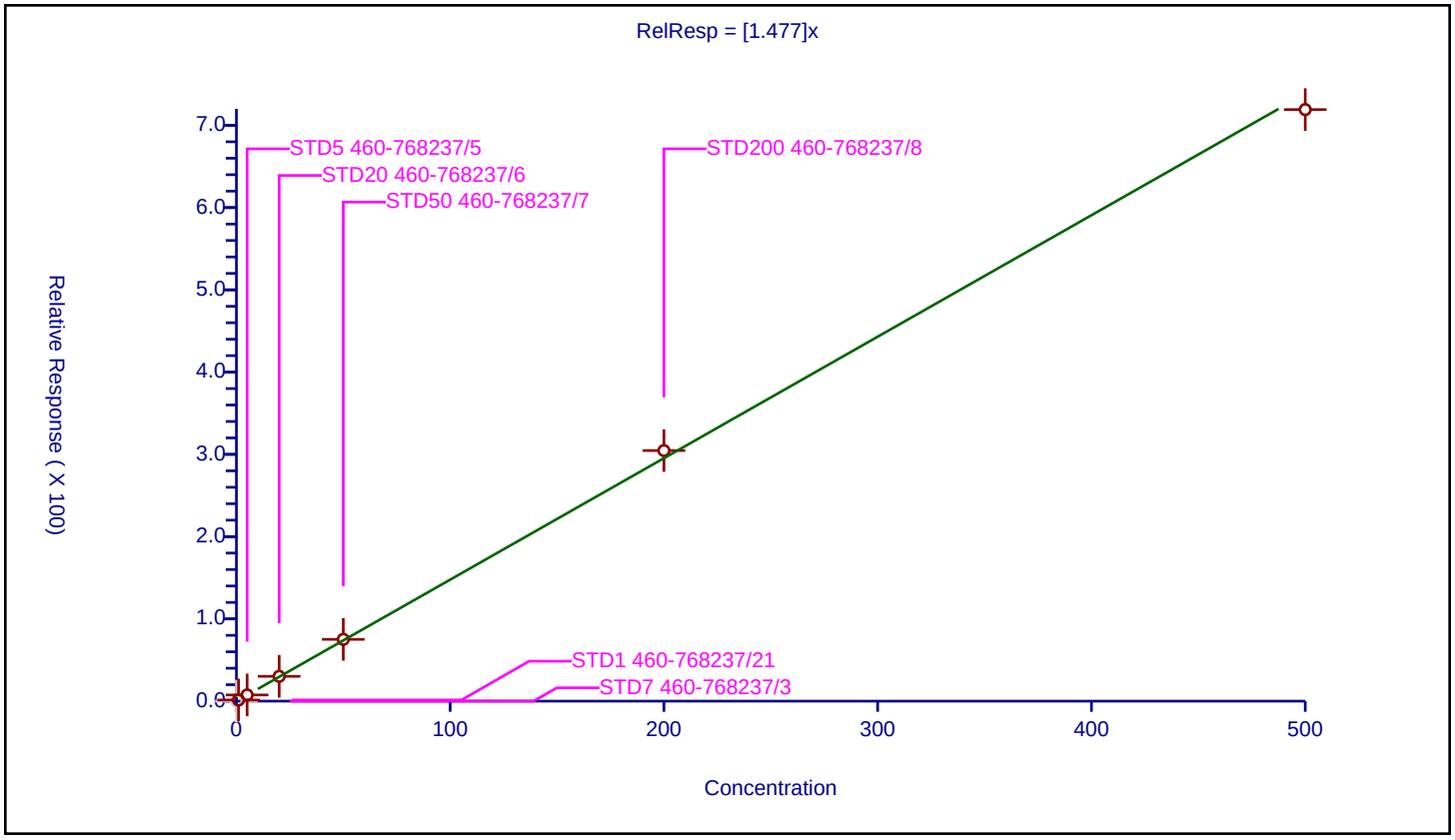
Curve Coefficients

Intercept:	0
Slope:	1.477

Error Coefficients

Standard Error:	3480000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	1.380812	50.0	424062.0	1.380812	Y
3	STD5 460-768237/5	5.0	7.540284	50.0	456634.0	1.508057	Y
4	STD20 460-768237/6	20.0	30.172033	50.0	452936.0	1.508602	Y
5	STD50 460-768237/7	50.0	75.092311	50.0	449566.0	1.501846	Y
6	STD200 460-768237/8	200.0	304.628424	50.0	472407.0	1.523142	Y
7	STD500 460-768237/9	500.0	719.114039	50.0	500067.0	1.438228	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

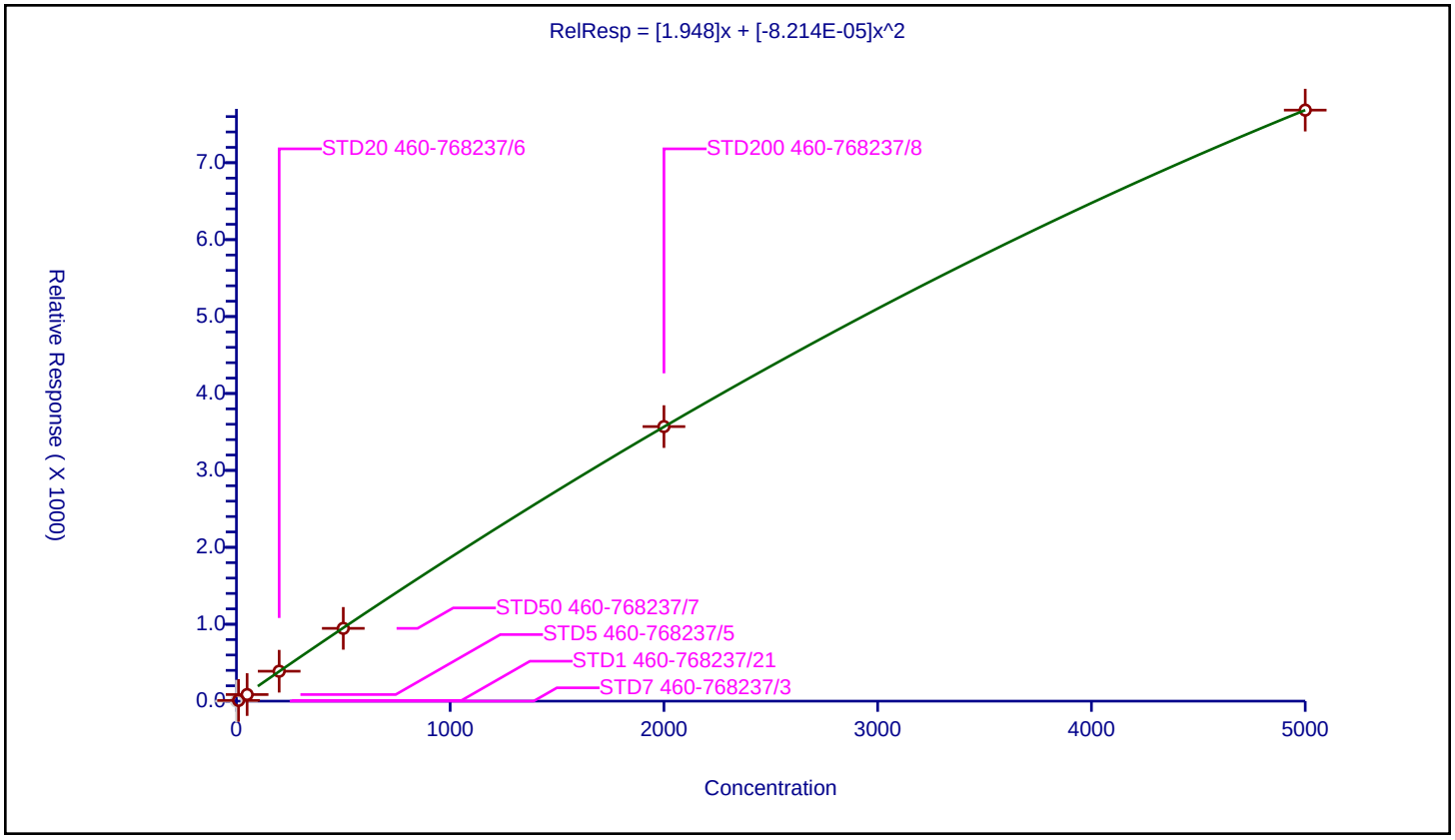
Curve Coefficients

Intercept:	0
Slope:	1.948
Second Order:	-8.214E-05

Error Coefficients

Standard Error:	921000
Relative Standard Error:	27.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	1000.0	184670.0	NaN	N
2	STD1 460-768237/21	10.0	9.135725	1000.0	160250.0	0.913573	Y
3	STD5 460-768237/5	50.0	85.670271	1000.0	165530.0	1.713405	Y
4	STD20 460-768237/6	200.0	388.951317	1000.0	164635.0	1.944757	Y
5	STD50 460-768237/7	500.0	946.207071	1000.0	174298.0	1.892414	Y
6	STD200 460-768237/8	2000.0	3569.427903	1000.0	191436.0	1.784714	Y
7	STD500 460-768237/9	5000.0	7684.112855	1000.0	222551.0	1.536823	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

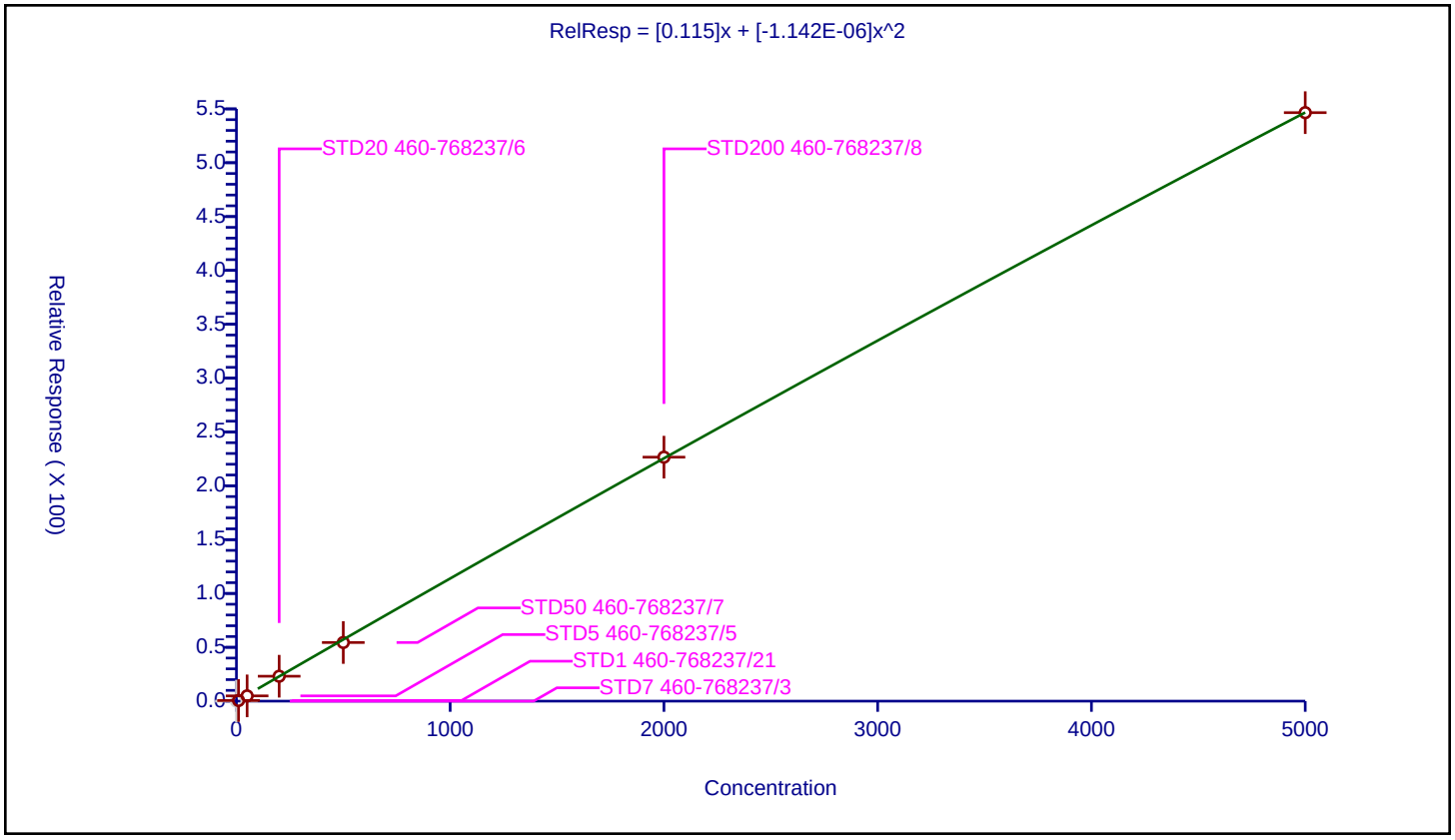
Curve Coefficients

Intercept:	0
Slope:	0.115
Second Order:	-1.142E-06

Error Coefficients

Standard Error:	3330000
Relative Standard Error:	26.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	10.0	0.580293	50.0	498024.0	0.058029	Y
3	STD5 460-768237/5	50.0	4.889045	50.0	534317.0	0.097781	Y
4	STD20 460-768237/6	200.0	23.137925	50.0	504021.0	0.11569	Y
5	STD50 460-768237/7	500.0	54.440137	50.0	512608.0	0.10888	Y
6	STD200 460-768237/8	2000.0	226.568211	50.0	542816.0	0.113284	Y
7	STD500 460-768237/9	5000.0	546.506927	50.0	563501.0	0.109301	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

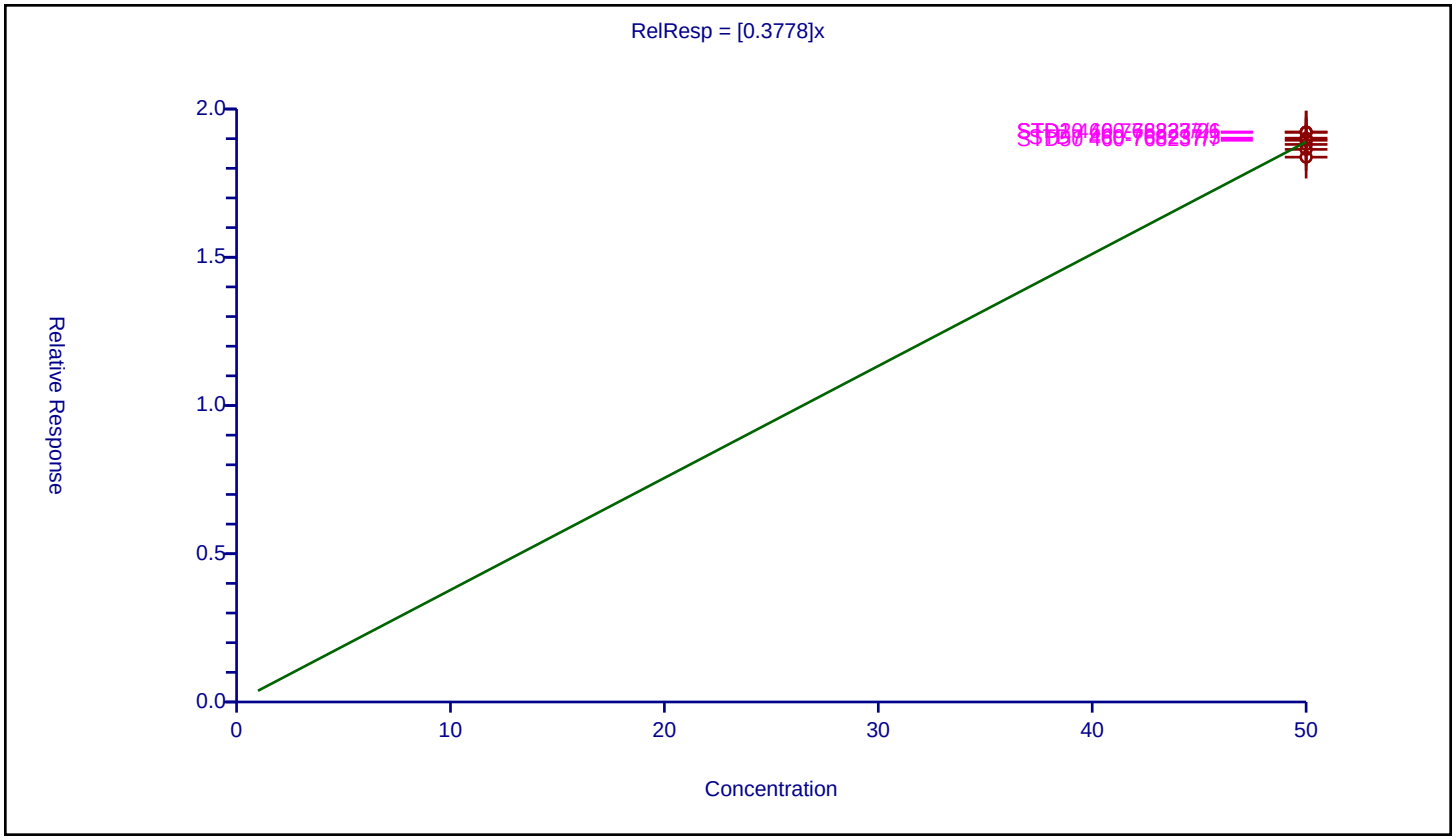
Curve Coefficients

Intercept:	0
Slope:	0.3778

Error Coefficients

Standard Error:	217000
Relative Standard Error:	1.6
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	50.0	19.016985	50.0	562392.0	0.38034	Y
2	STD5 460-768237/5	50.0	18.638093	50.0	534317.0	0.372762	Y
3	STD20 460-768237/6	50.0	19.225191	50.0	504021.0	0.384504	Y
4	STD50 460-768237/7	50.0	18.944788	50.0	512608.0	0.378896	Y
5	STD200 460-768237/8	50.0	18.376853	50.0	542816.0	0.367537	Y
6	STD500 460-768237/9	50.0	18.805912	50.0	563501.0	0.376118	Y
7	STD1 460-768237/21	50.0	19.214937	50.0	498024.0	0.384299	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

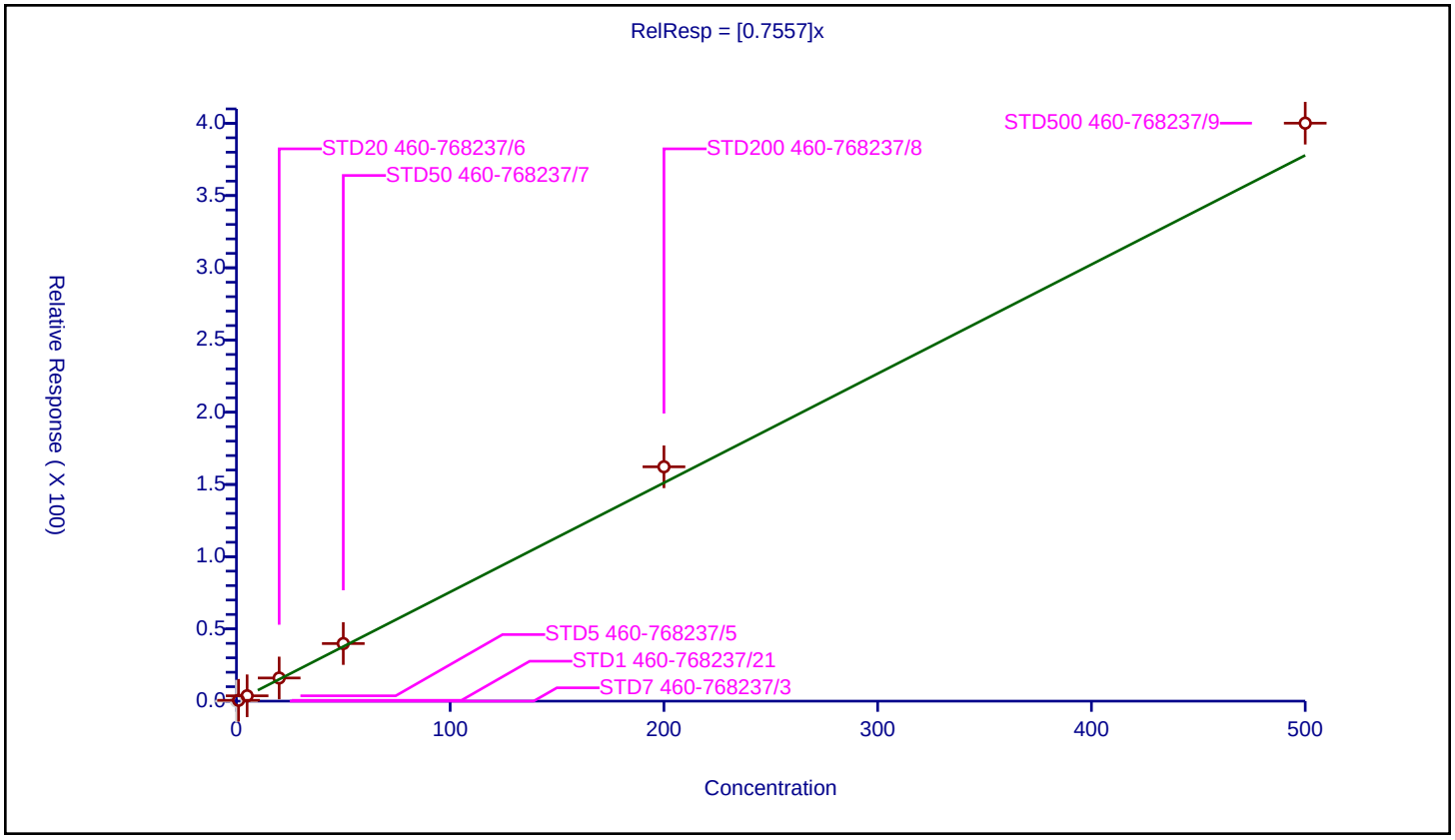
Curve Coefficients

Intercept:	0
Slope:	0.7557

Error Coefficients

Standard Error:	2170000
Relative Standard Error:	11.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.58451	50.0	498024.0	0.58451	Y
3	STD5 460-768237/5	5.0	3.695746	50.0	534317.0	0.739149	Y
4	STD20 460-768237/6	20.0	16.038221	50.0	504021.0	0.801911	Y
5	STD50 460-768237/7	50.0	39.871013	50.0	512608.0	0.79742	Y
6	STD200 460-768237/8	200.0	162.23094	50.0	542816.0	0.811155	Y
7	STD500 460-768237/9	500.0	400.118101	50.0	563501.0	0.800236	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

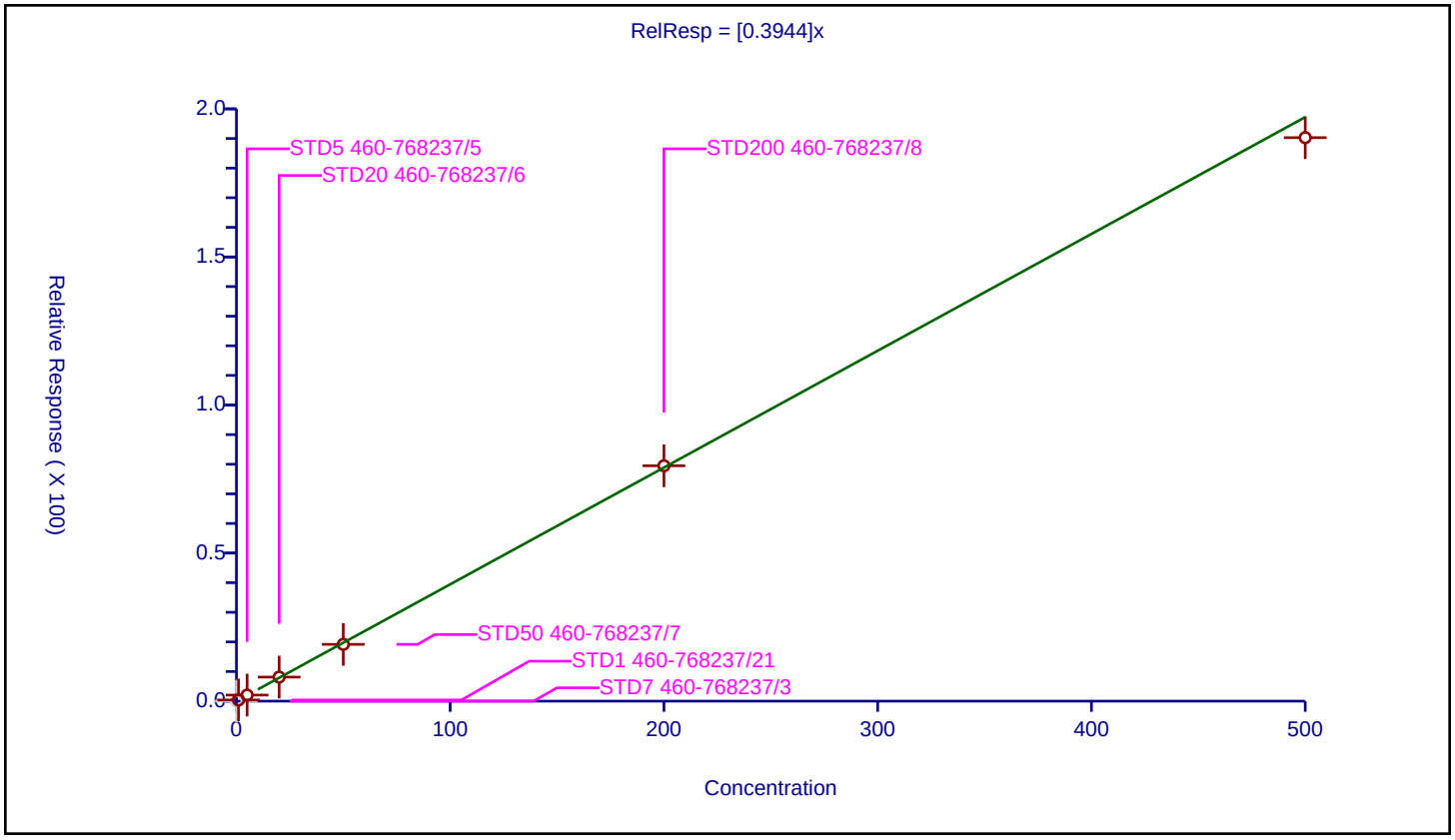
Curve Coefficients

Intercept:	0
Slope:	0.3944

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.387632	50.0	498024.0	0.387632	Y
3	STD5 460-768237/5	5.0	2.055428	50.0	534317.0	0.411086	Y
4	STD20 460-768237/6	20.0	8.12734	50.0	504021.0	0.406367	Y
5	STD50 460-768237/7	50.0	19.169229	50.0	512608.0	0.383385	Y
6	STD200 460-768237/8	200.0	79.488445	50.0	542816.0	0.397442	Y
7	STD500 460-768237/9	500.0	190.289281	50.0	563501.0	0.380579	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

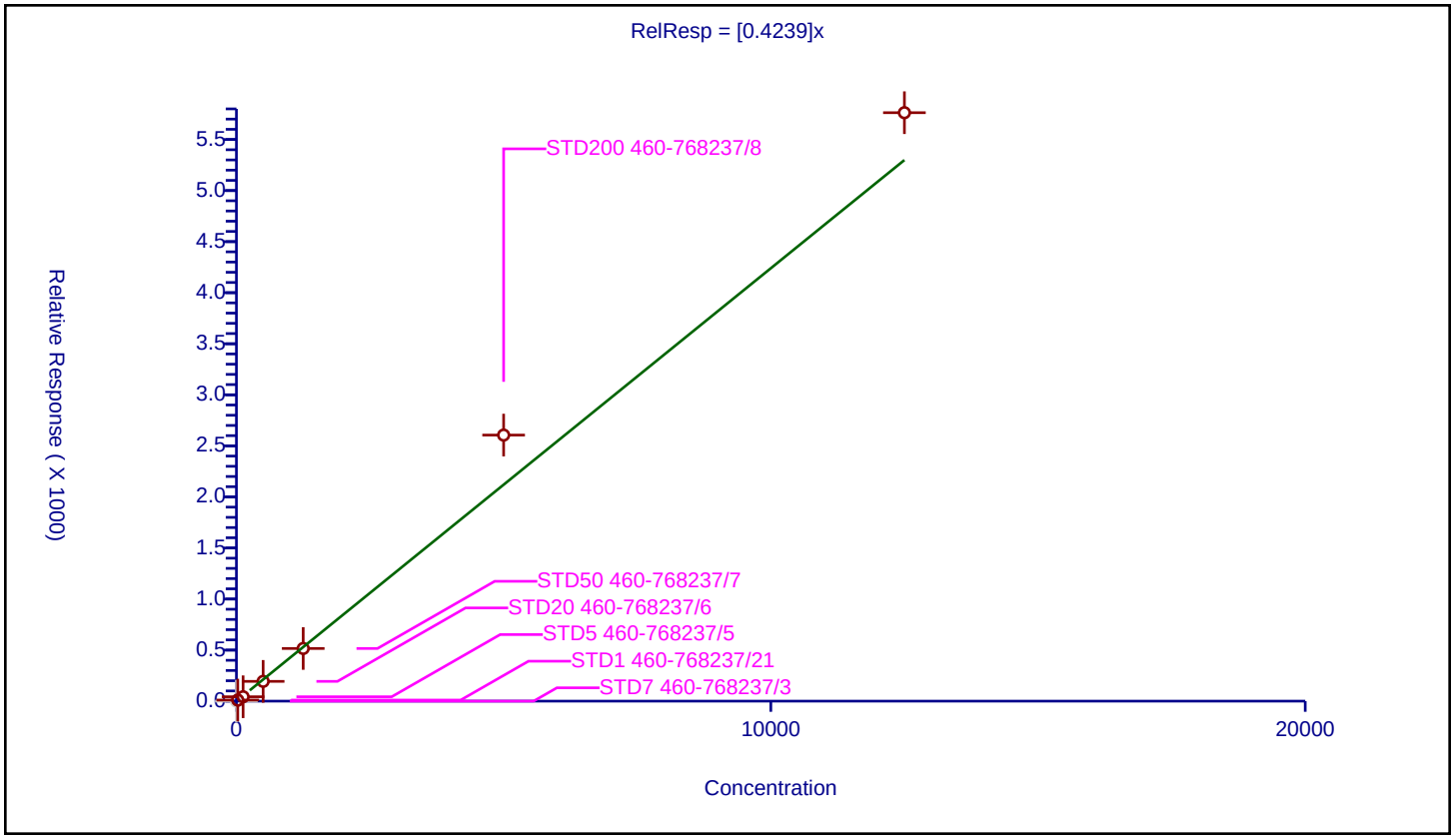
Curve Coefficients

Intercept:	0
Slope:	0.4239

Error Coefficients

Standard Error:	614000
Relative Standard Error:	14.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	1000.0	184670.0	NaN	N
2	STD1 460-768237/21	25.0	10.439938	1000.0	160250.0	0.417598	Y
3	STD5 460-768237/5	125.0	42.977104	1000.0	165530.0	0.343817	Y
4	STD20 460-768237/6	500.0	193.634403	1000.0	164635.0	0.387269	Y
5	STD50 460-768237/7	1250.0	515.892322	1000.0	174298.0	0.412714	Y
6	STD200 460-768237/8	5000.0	2605.675004	1000.0	191436.0	0.521135	Y
7	STD500 460-768237/9	12500.0	5762.661143	1000.0	222551.0	0.461013	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

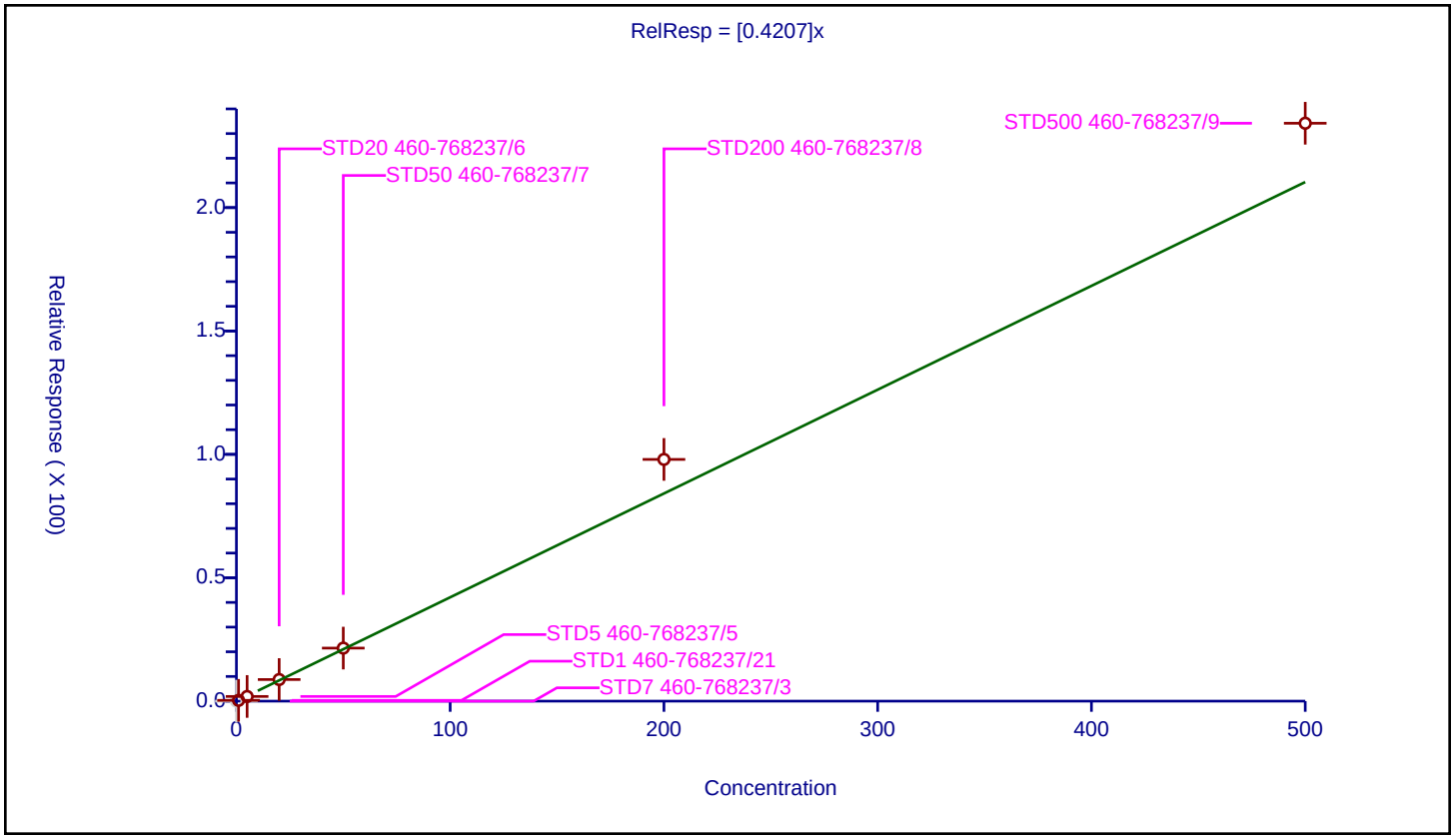
Curve Coefficients

Intercept:	0
Slope:	0.4207

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	14.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.319463	50.0	498024.0	0.319463	Y
3	STD5 460-768237/5	5.0	1.894755	50.0	534317.0	0.378951	Y
4	STD20 460-768237/6	20.0	8.757671	50.0	504021.0	0.437884	Y
5	STD50 460-768237/7	50.0	21.493714	50.0	512608.0	0.429874	Y
6	STD200 460-768237/8	200.0	97.950687	50.0	542816.0	0.489753	Y
7	STD500 460-768237/9	500.0	234.177579	50.0	563501.0	0.468355	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

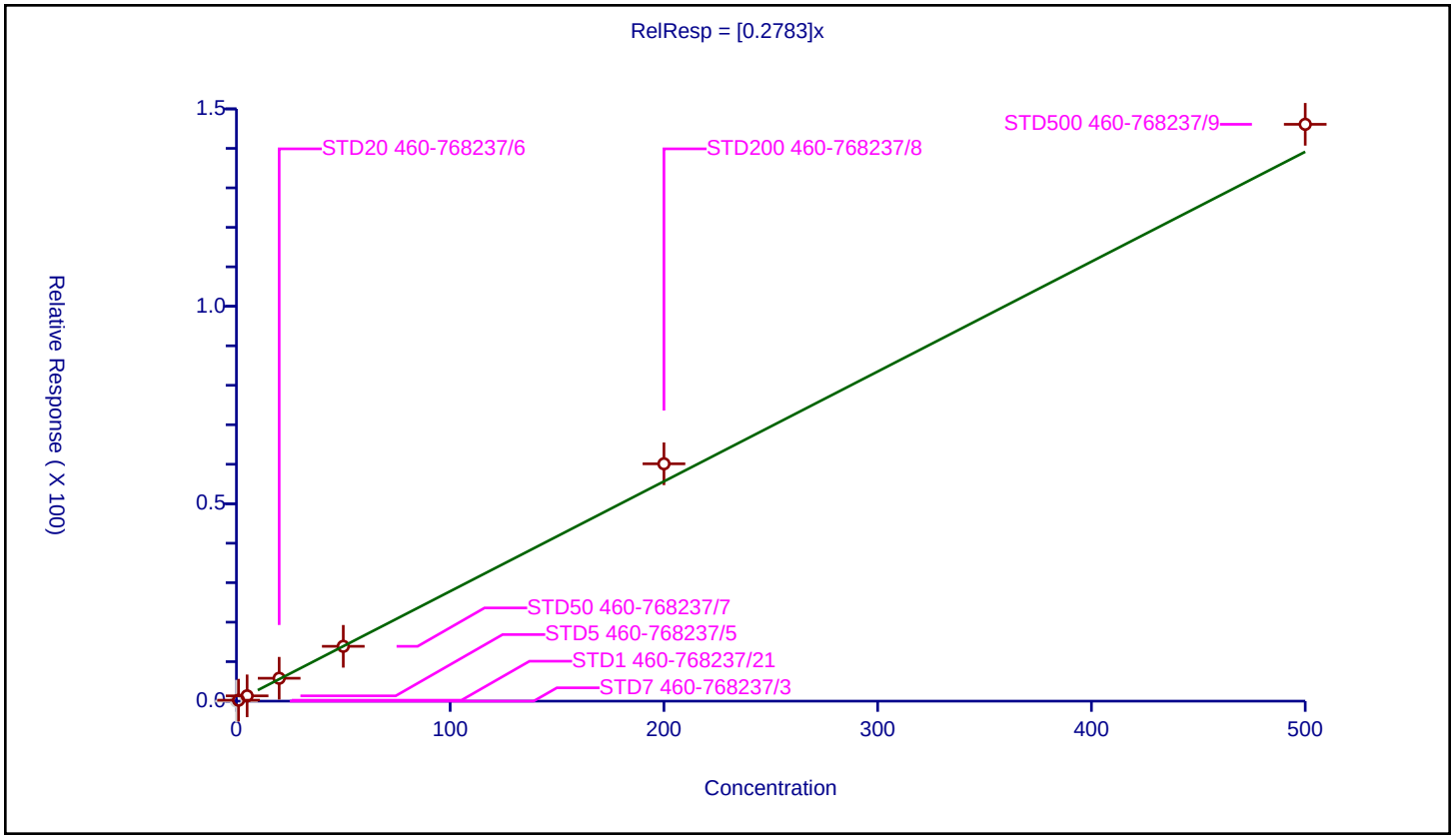
Curve Coefficients

Intercept:	0
Slope:	0.2783

Error Coefficients

Standard Error:	795000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.241053	50.0	498024.0	0.241053	Y
3	STD5 460-768237/5	5.0	1.340122	50.0	534317.0	0.268024	Y
4	STD20 460-768237/6	20.0	5.801048	50.0	504021.0	0.290052	Y
5	STD50 460-768237/7	50.0	13.889073	50.0	512608.0	0.277781	Y
6	STD200 460-768237/8	200.0	60.112819	50.0	542816.0	0.300564	Y
7	STD500 460-768237/9	500.0	146.093707	50.0	563501.0	0.292187	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

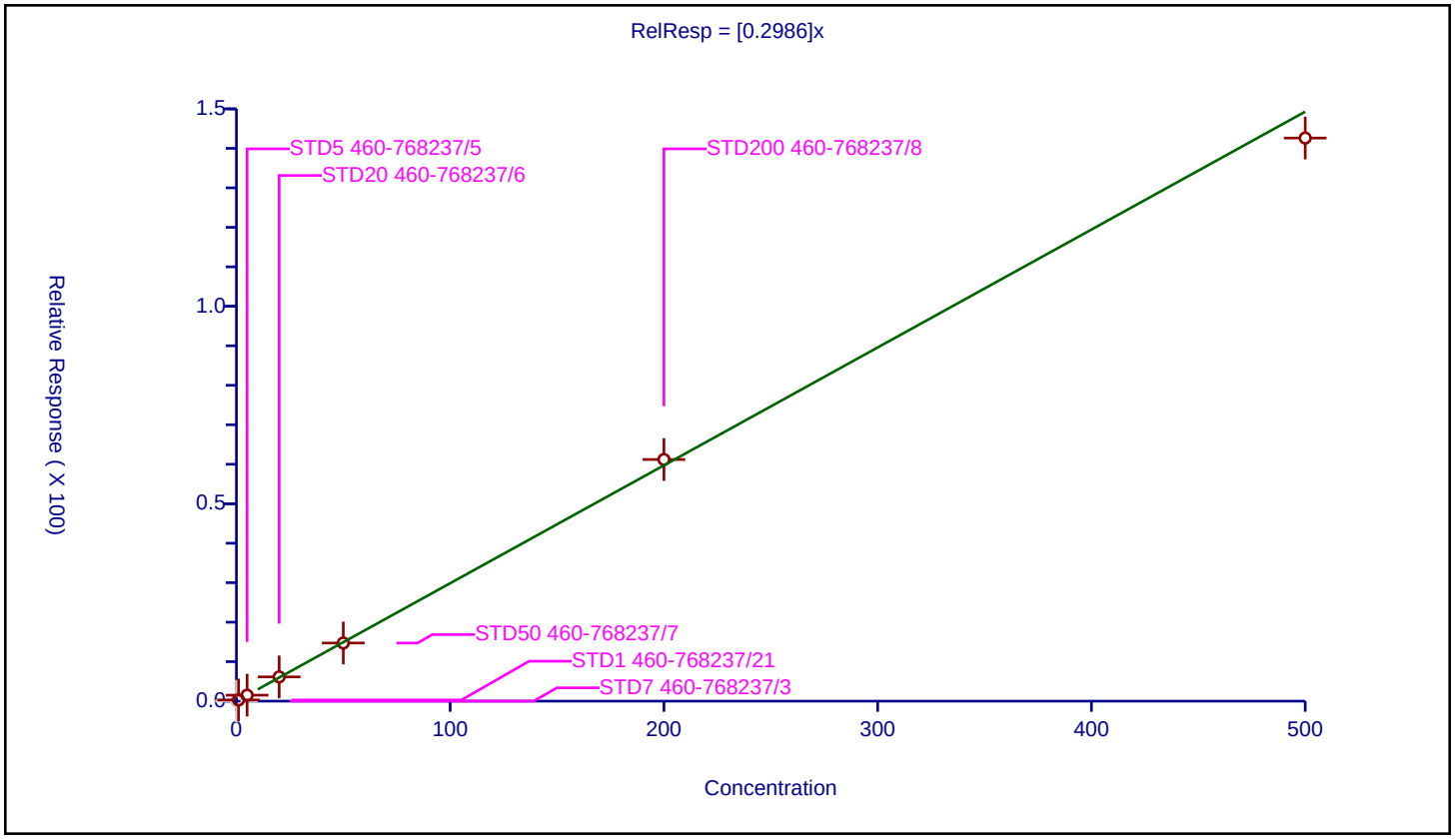
Curve Coefficients

Intercept:	0
Slope:	0.2986

Error Coefficients

Standard Error:	781000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.297476	50.0	498024.0	0.297476	Y
3	STD5 460-768237/5	5.0	1.507158	50.0	534317.0	0.301432	Y
4	STD20 460-768237/6	20.0	6.140022	50.0	504021.0	0.307001	Y
5	STD50 460-768237/7	50.0	14.719337	50.0	512608.0	0.294387	Y
6	STD200 460-768237/8	200.0	61.202967	50.0	542816.0	0.306015	Y
7	STD500 460-768237/9	500.0	142.614831	50.0	563501.0	0.28523	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

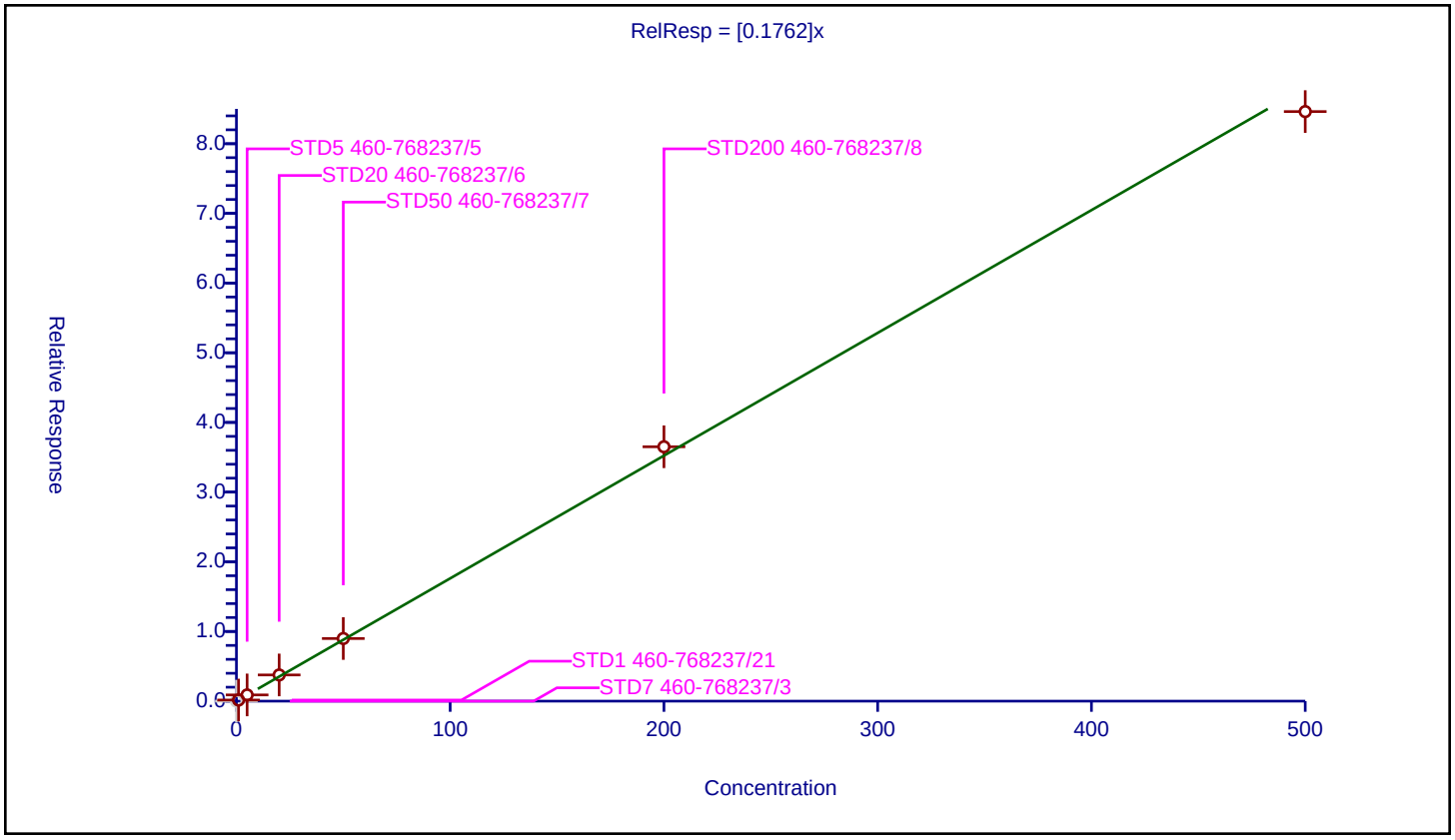
Curve Coefficients

Intercept:	0
Slope:	0.1762

Error Coefficients

Standard Error:	464000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.159028	50.0	498024.0	0.159028	Y
3	STD5 460-768237/5	5.0	0.892635	50.0	534317.0	0.178527	Y
4	STD20 460-768237/6	20.0	3.758276	50.0	504021.0	0.187914	Y
5	STD50 460-768237/7	50.0	8.98835	50.0	512608.0	0.179767	Y
6	STD200 460-768237/8	200.0	36.507951	50.0	542816.0	0.18254	Y
7	STD500 460-768237/9	500.0	84.613958	50.0	563501.0	0.169228	Y



Calibration / n-Butanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

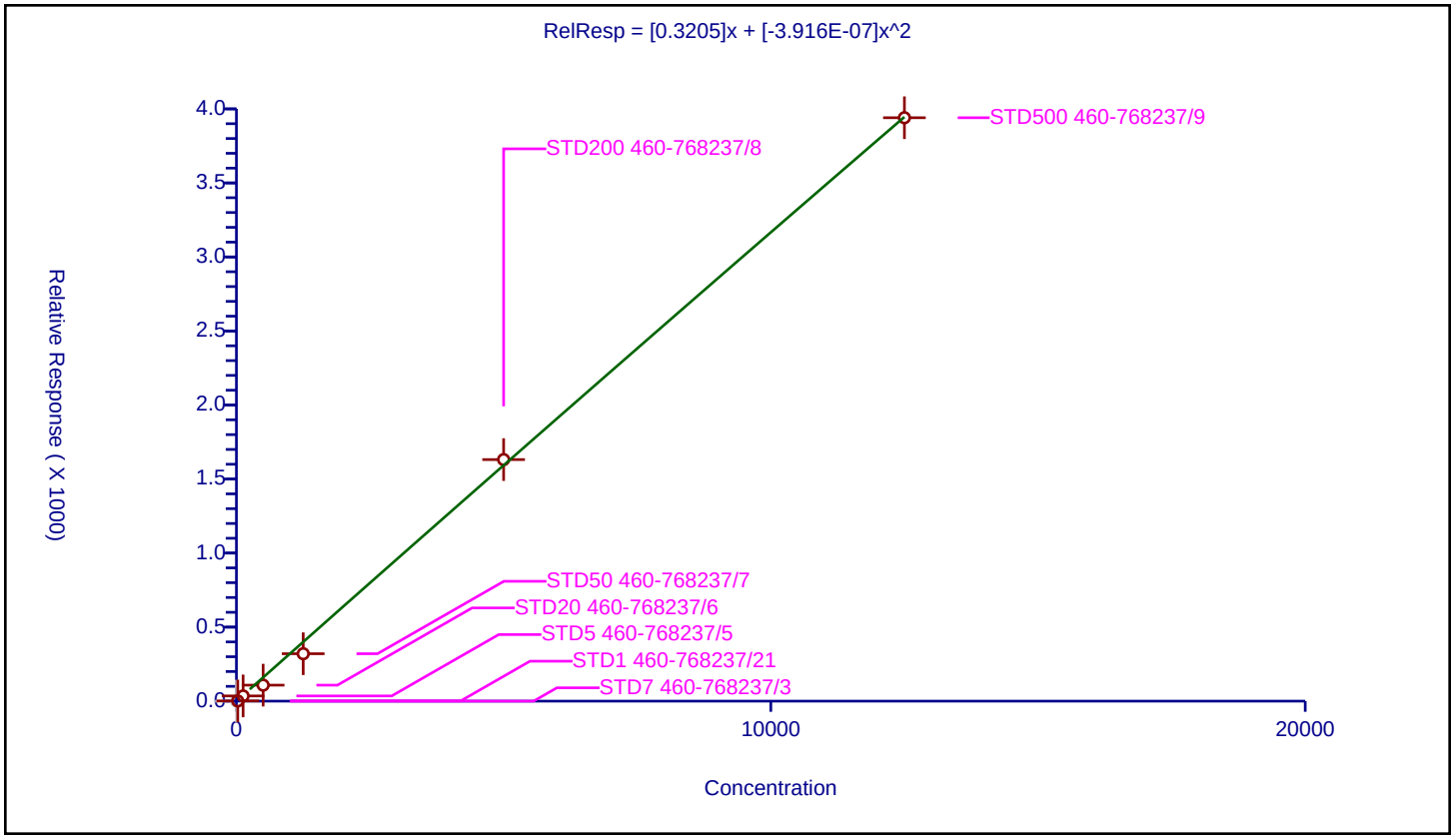
Curve Coefficients

Intercept:	0
Slope:	0.3205
Second Order:	-3.916E-07

Error Coefficients

Standard Error:	464000
Relative Standard Error:	45.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	1000.0	184670.0	NaN	N
2	STD1 460-768237/21	25.0	1.422777	1000.0	160250.0	0.056911	Y
3	STD5 460-768237/5	125.0	35.171872	1000.0	165530.0	0.281375	Y
4	STD20 460-768237/6	500.0	108.087588	1000.0	164635.0	0.216175	Y
5	STD50 460-768237/7	1250.0	320.238901	1000.0	174298.0	0.256191	Y
6	STD200 460-768237/8	5000.0	1631.412065	1000.0	191436.0	0.326282	Y
7	STD500 460-768237/9	12500.0	3940.233924	1000.0	222551.0	0.315219	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

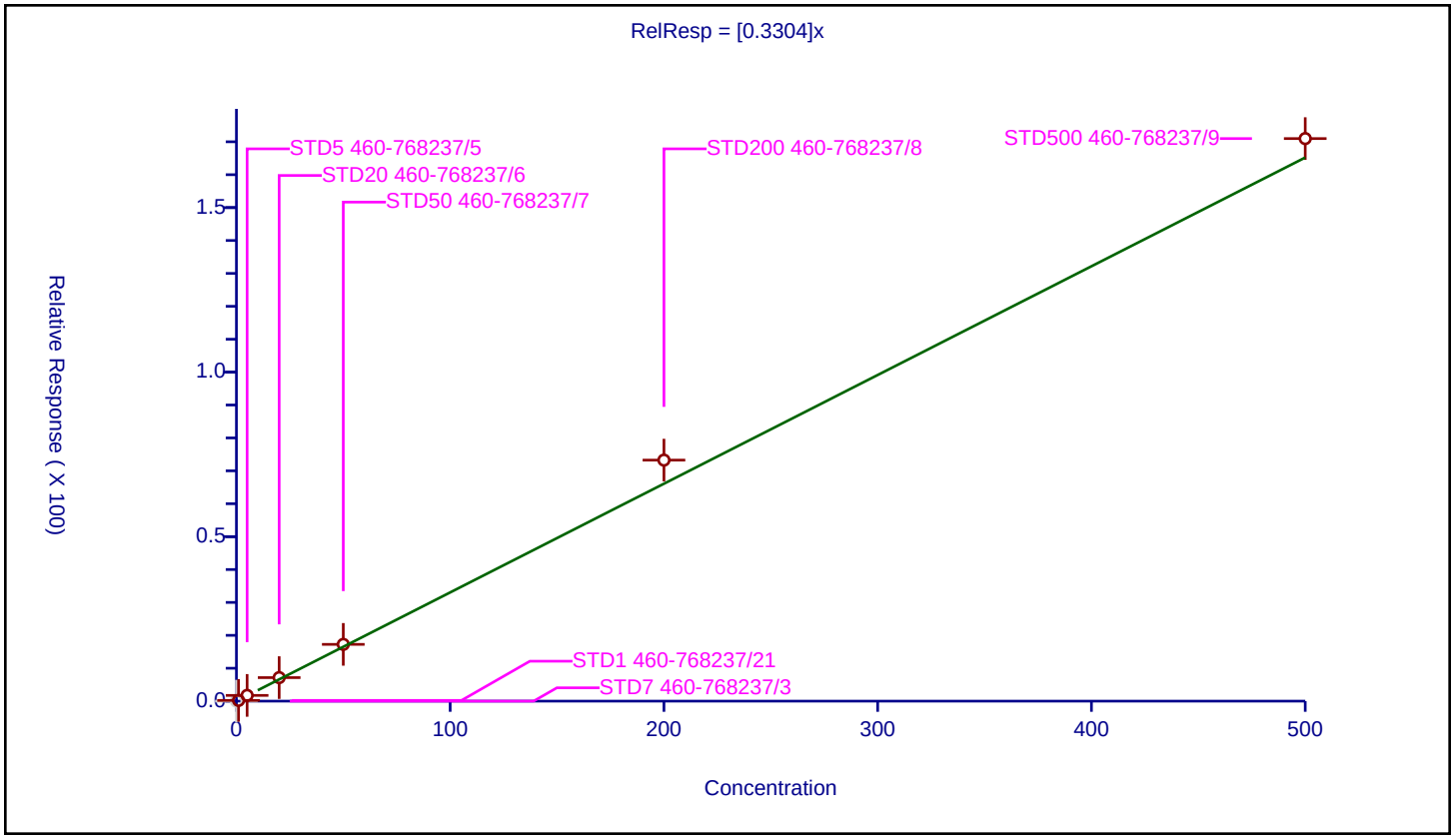
Curve Coefficients

Intercept:	0
Slope:	0.3304

Error Coefficients

Standard Error:	936000
Relative Standard Error:	16.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.222078	50.0	498024.0	0.222078	Y
3	STD5 460-768237/5	5.0	1.747465	50.0	534317.0	0.349493	Y
4	STD20 460-768237/6	20.0	7.15367	50.0	504021.0	0.357684	Y
5	STD50 460-768237/7	50.0	17.250804	50.0	512608.0	0.345016	Y
6	STD200 460-768237/8	200.0	73.254289	50.0	542816.0	0.366271	Y
7	STD500 460-768237/9	500.0	170.974941	50.0	563501.0	0.34195	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

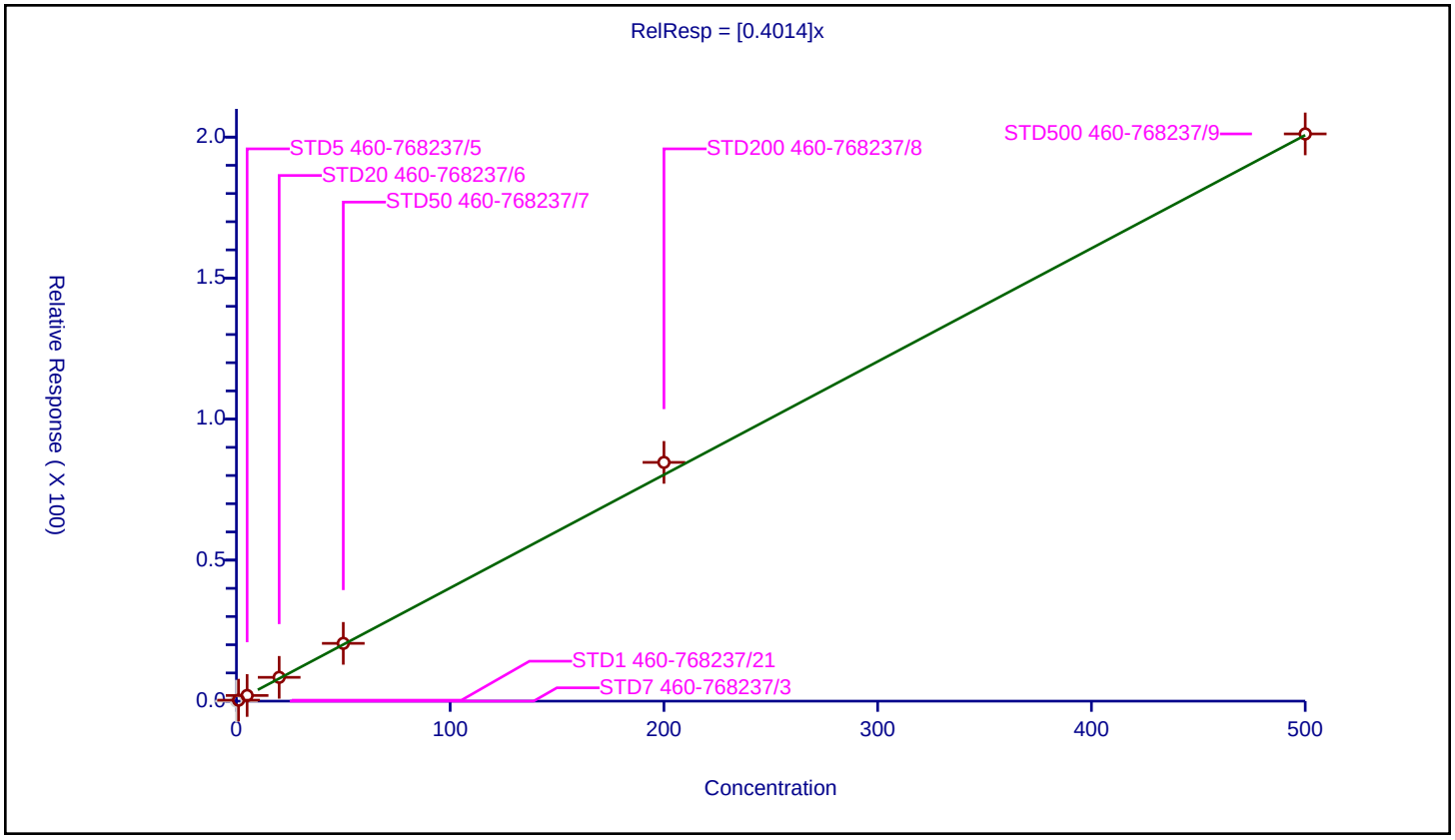
Curve Coefficients

Intercept:	0
Slope:	0.4014

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.348979	50.0	498024.0	0.348979	Y
3	STD5 460-768237/5	5.0	2.010417	50.0	534317.0	0.402083	Y
4	STD20 460-768237/6	20.0	8.436256	50.0	504021.0	0.421813	Y
5	STD50 460-768237/7	50.0	20.48778	50.0	512608.0	0.409756	Y
6	STD200 460-768237/8	200.0	84.661561	50.0	542816.0	0.423308	Y
7	STD500 460-768237/9	500.0	201.1362	50.0	563501.0	0.402272	Y



Calibration / Ethyl acrylate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

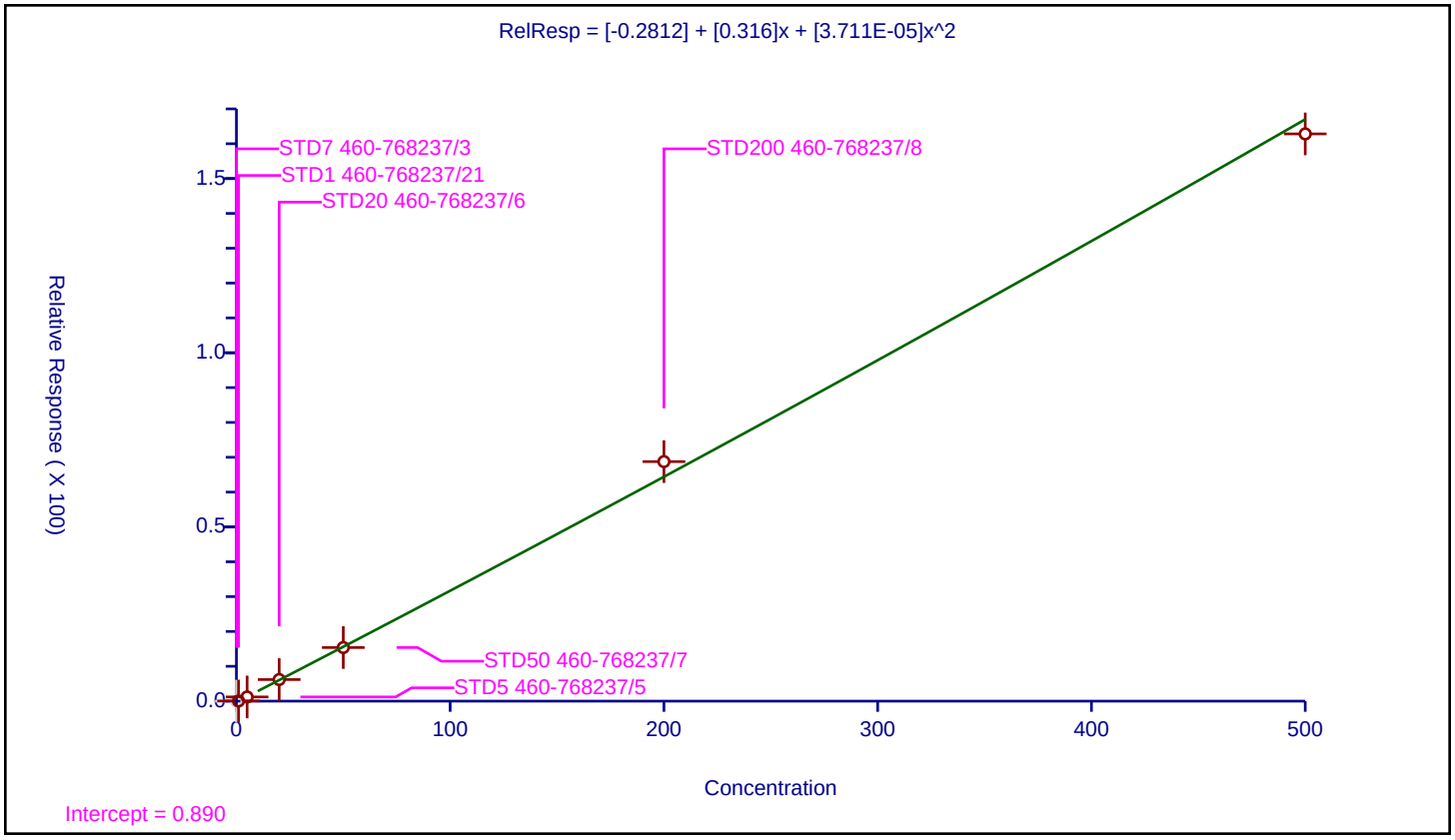
Curve Coefficients

Intercept:	-0.2812
Slope:	0.316
Second Order:	3.711E-05

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.038352	50.0	498024.0	0.038352	Y
3	STD5 460-768237/5	5.0	1.202095	50.0	534317.0	0.240419	Y
4	STD20 460-768237/6	20.0	6.195873	50.0	504021.0	0.309794	Y
5	STD50 460-768237/7	50.0	15.382612	50.0	512608.0	0.307652	Y
6	STD200 460-768237/8	200.0	68.754053	50.0	542816.0	0.34377	Y
7	STD500 460-768237/9	500.0	162.82074	50.0	563501.0	0.325641	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

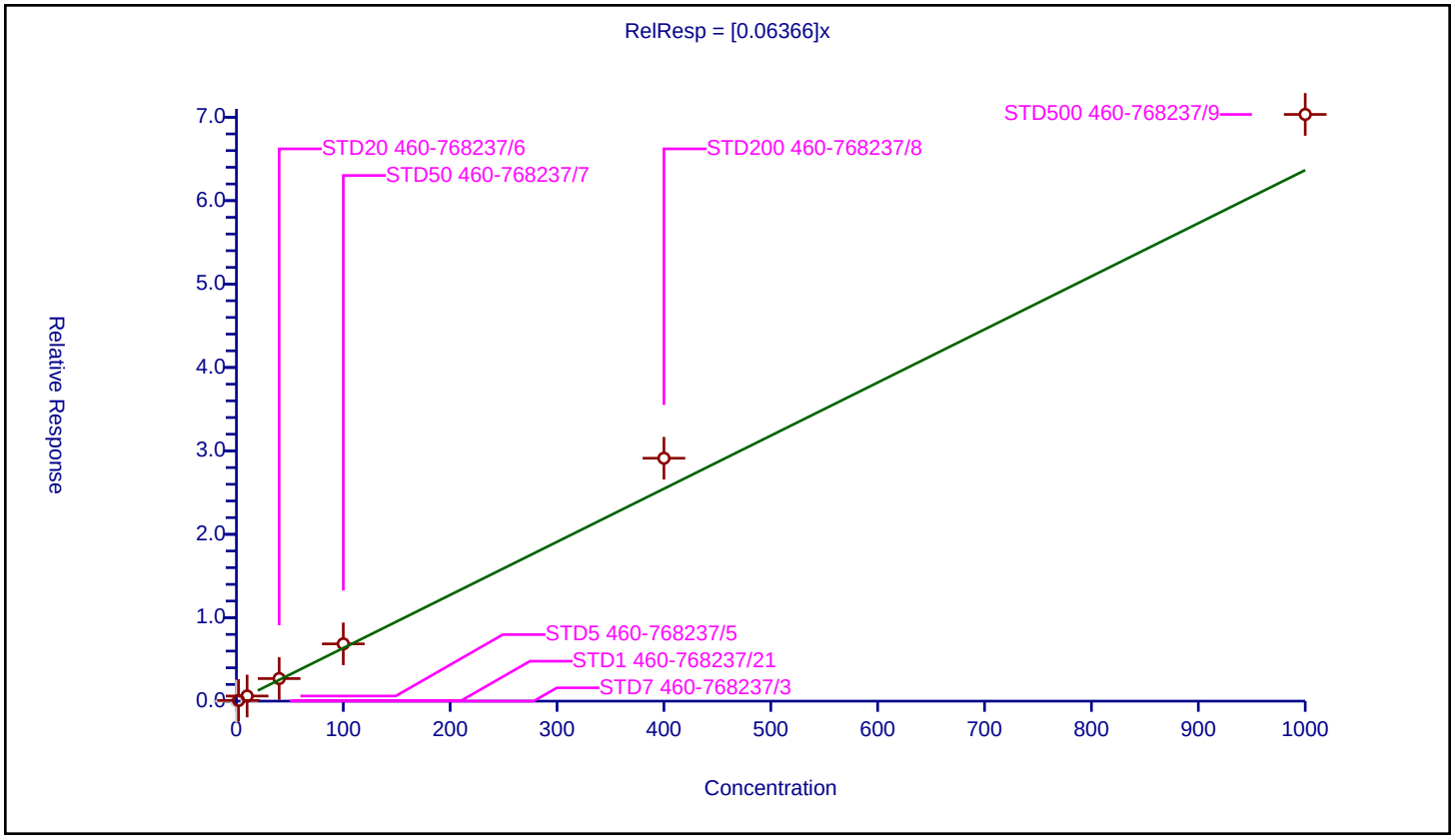
Curve Coefficients

Intercept:	0
Slope:	0.06366

Error Coefficients

Standard Error:	383000
Relative Standard Error:	18.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	2.0	0.081924	50.0	498024.0	0.040962	Y
3	STD5 460-768237/5	10.0	0.615178	50.0	534317.0	0.061518	Y
4	STD20 460-768237/6	40.0	2.707427	50.0	504021.0	0.067686	Y
5	STD50 460-768237/7	100.0	6.864992	50.0	512608.0	0.06865	Y
6	STD200 460-768237/8	400.0	29.120181	50.0	542816.0	0.0728	Y
7	STD500 460-768237/9	1000.0	70.335811	50.0	563501.0	0.070336	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

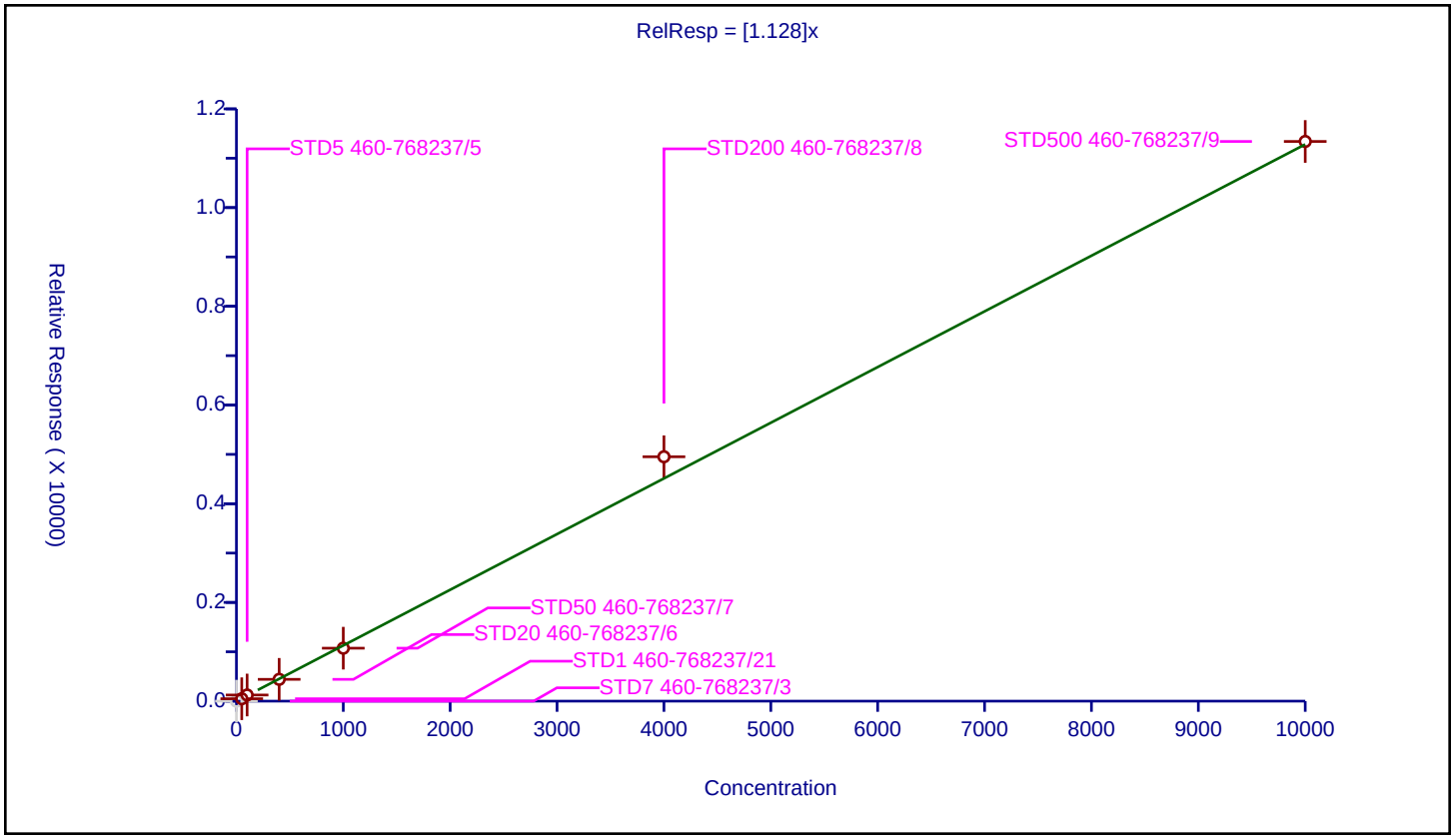
Curve Coefficients

Intercept:	0
Slope:	1.128

Error Coefficients

Standard Error:	137000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	1000.0	25835.0	NaN	N
2	STD1 460-768237/21	50.000062	48.645688	1000.0	20084.0	0.972913	Y
3	STD5 460-768237/5	100.0	124.647123	1000.0	23025.0	1.246471	Y
4	STD20 460-768237/6	400.0	441.81278	1000.0	23897.0	1.104532	Y
5	STD50 460-768237/7	1000.0	1072.974725	1000.0	23145.0	1.072975	Y
6	STD200 460-768237/8	4000.0	4951.828231	1000.0	23520.0	1.237957	Y
7	STD500 460-768237/9	10000.0	11339.963139	1000.0	26044.0	1.133996	Y



Calibration / n-Propyl acetate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

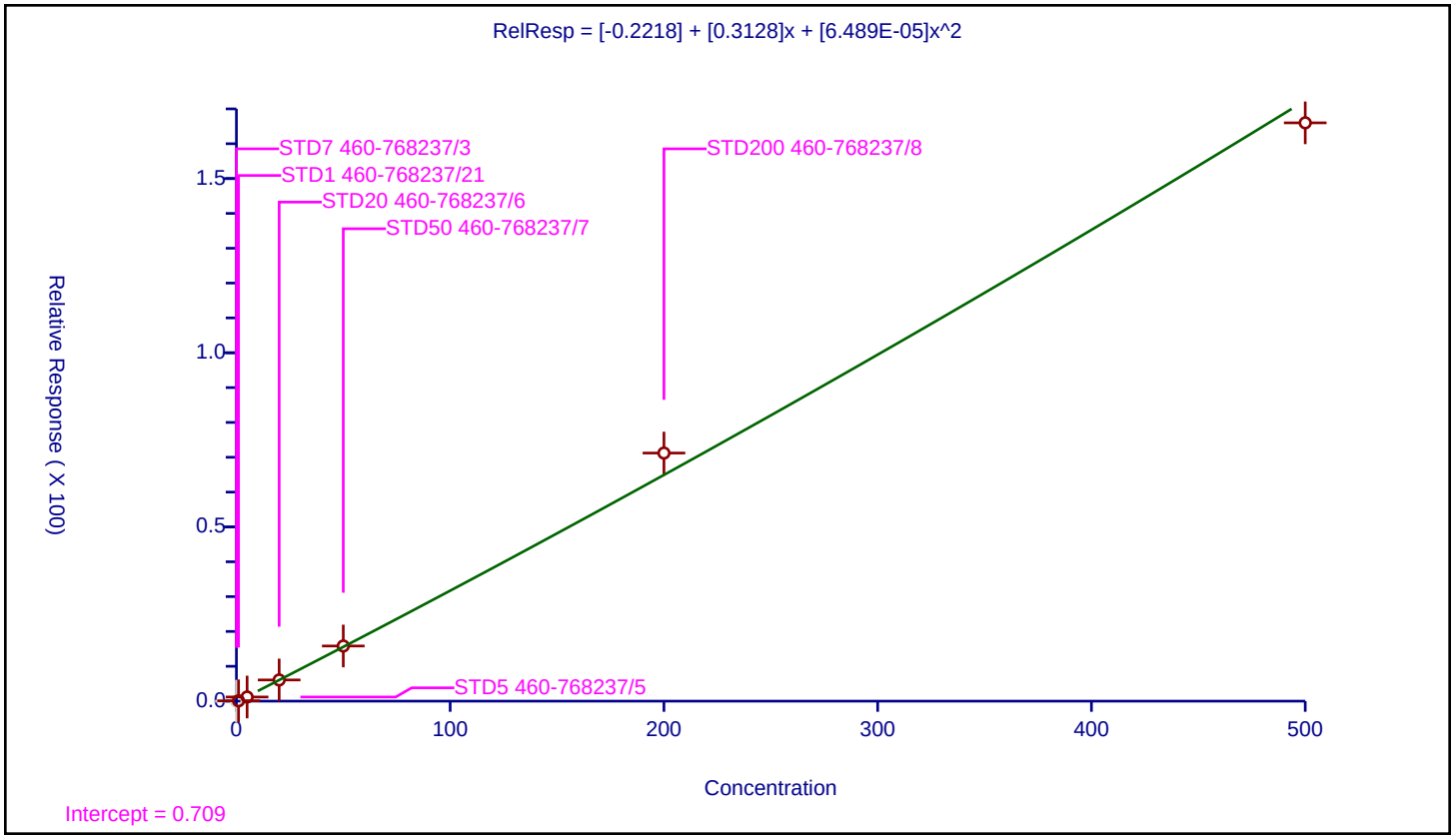
Curve Coefficients

Intercept:	-0.2218
Slope:	0.3128
Second Order:	6.489E-05

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0	0.096883	50.0	498024.0	0.096883	Y
3	STD5 460-768237/5	5.0	1.191895	50.0	534317.0	0.238379	Y
4	STD20 460-768237/6	20.0	6.080699	50.0	504021.0	0.304035	Y
5	STD50 460-768237/7	50.0	15.828664	50.0	512608.0	0.316573	Y
6	STD200 460-768237/8	200.0	71.208015	50.0	542816.0	0.35604	Y
7	STD500 460-768237/9	500.0	165.99589	50.0	563501.0	0.331992	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

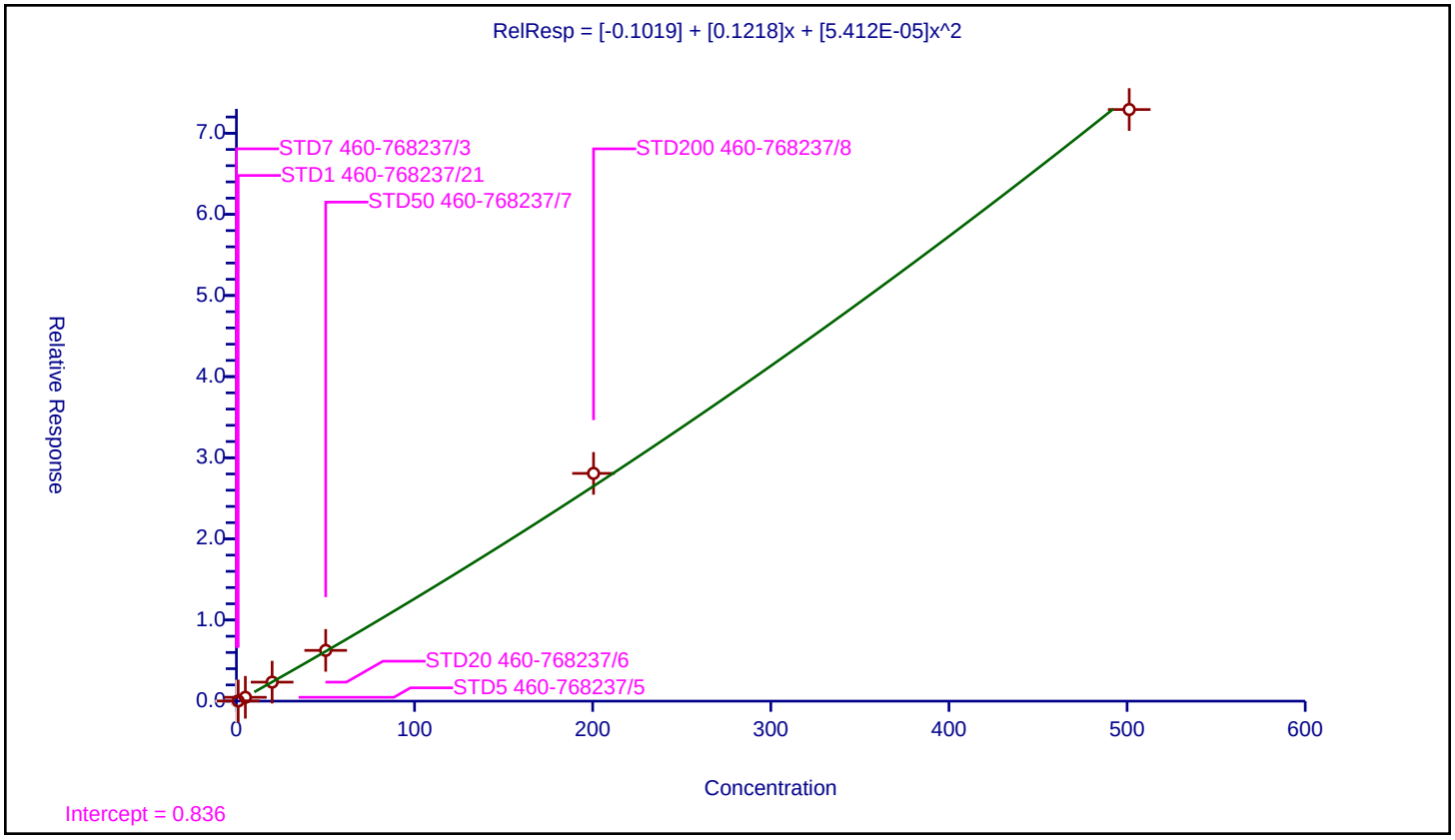
Curve Coefficients

Intercept:	-0.1019
Slope:	0.1218
Second Order:	5.412E-05

Error Coefficients

Standard Error:	508000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	562392.0	NaN	N
2	STD1 460-768237/21	1.0024	0.021786	50.0	498024.0	0.021734	Y
3	STD5 460-768237/5	5.012	0.472847	50.0	534317.0	0.094343	Y
4	STD20 460-768237/6	20.048	2.34395	50.0	504021.0	0.116917	Y
5	STD50 460-768237/7	50.12	6.256633	50.0	512608.0	0.124833	Y
6	STD200 460-768237/8	200.48	28.07397	50.0	542816.0	0.140034	Y
7	STD500 460-768237/9	501.2	72.9209	50.0	563501.0	0.145493	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

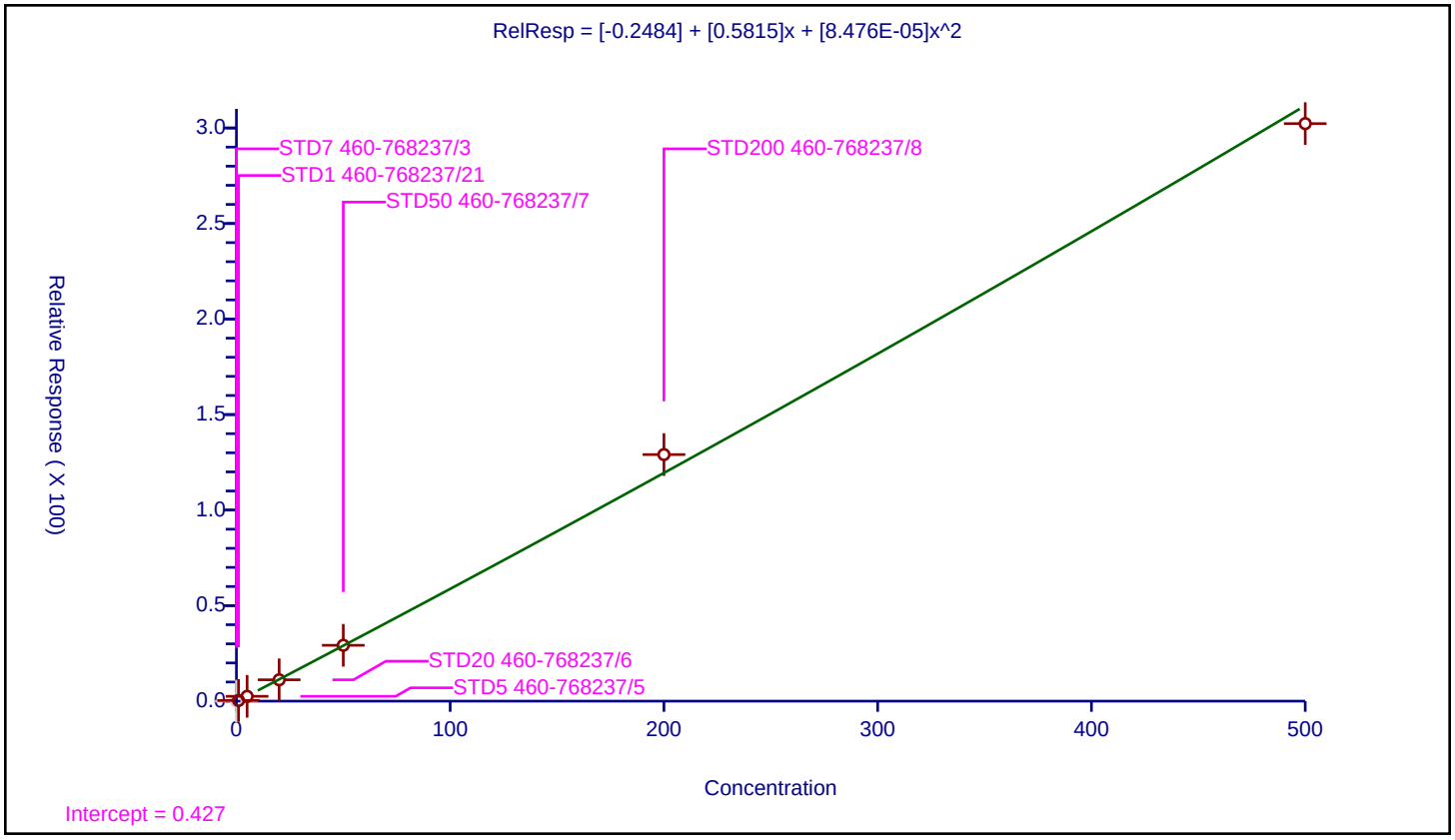
Curve Coefficients

Intercept:	-0.2484
Slope:	0.5815
Second Order:	8.476E-05

Error Coefficients

Standard Error:	1890000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.338866	50.0	424062.0	0.338866	Y
3	STD5 460-768237/5	5.0	2.529488	50.0	456634.0	0.505898	Y
4	STD20 460-768237/6	20.0	11.173323	50.0	452936.0	0.558666	Y
5	STD50 460-768237/7	50.0	29.229524	50.0	449566.0	0.58459	Y
6	STD200 460-768237/8	200.0	129.053337	50.0	472407.0	0.645267	Y
7	STD500 460-768237/9	500.0	302.293493	50.0	500067.0	0.604587	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

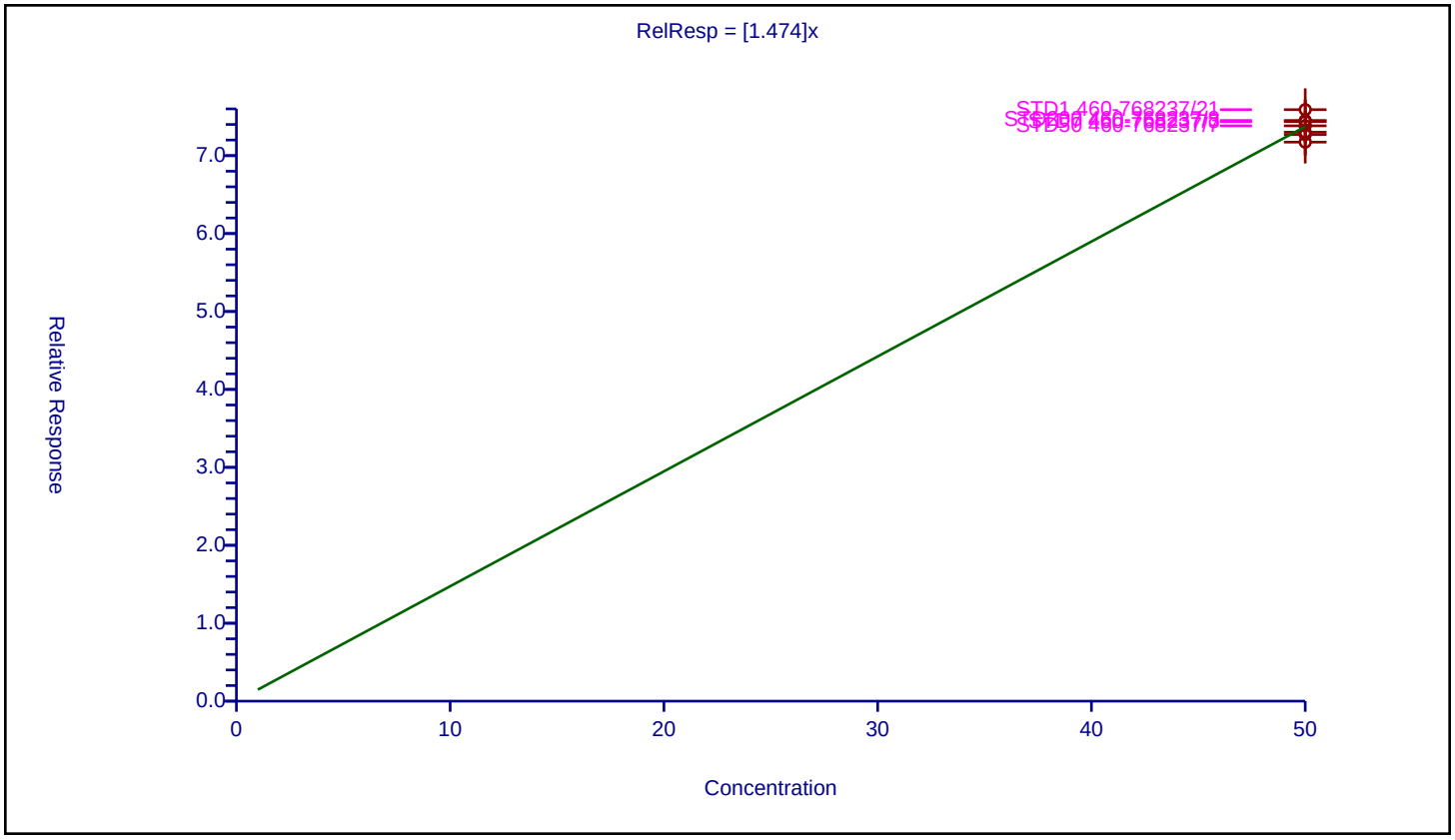
Curve Coefficients

Intercept:	0
Slope:	1.474

Error Coefficients

Standard Error:	738000
Relative Standard Error:	1.9
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	50.0	74.367995	50.0	488050.0	1.48736	Y
2	STD5 460-768237/5	50.0	71.733598	50.0	456634.0	1.434672	Y
3	STD20 460-768237/6	50.0	73.006341	50.0	452936.0	1.460127	Y
4	STD50 460-768237/7	50.0	73.82609	50.0	449566.0	1.476522	Y
5	STD200 460-768237/8	50.0	74.511915	50.0	472407.0	1.490238	Y
6	STD500 460-768237/9	50.0	72.699158	50.0	500067.0	1.453983	Y
7	STD1 460-768237/21	50.0	75.899161	50.0	424062.0	1.517983	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

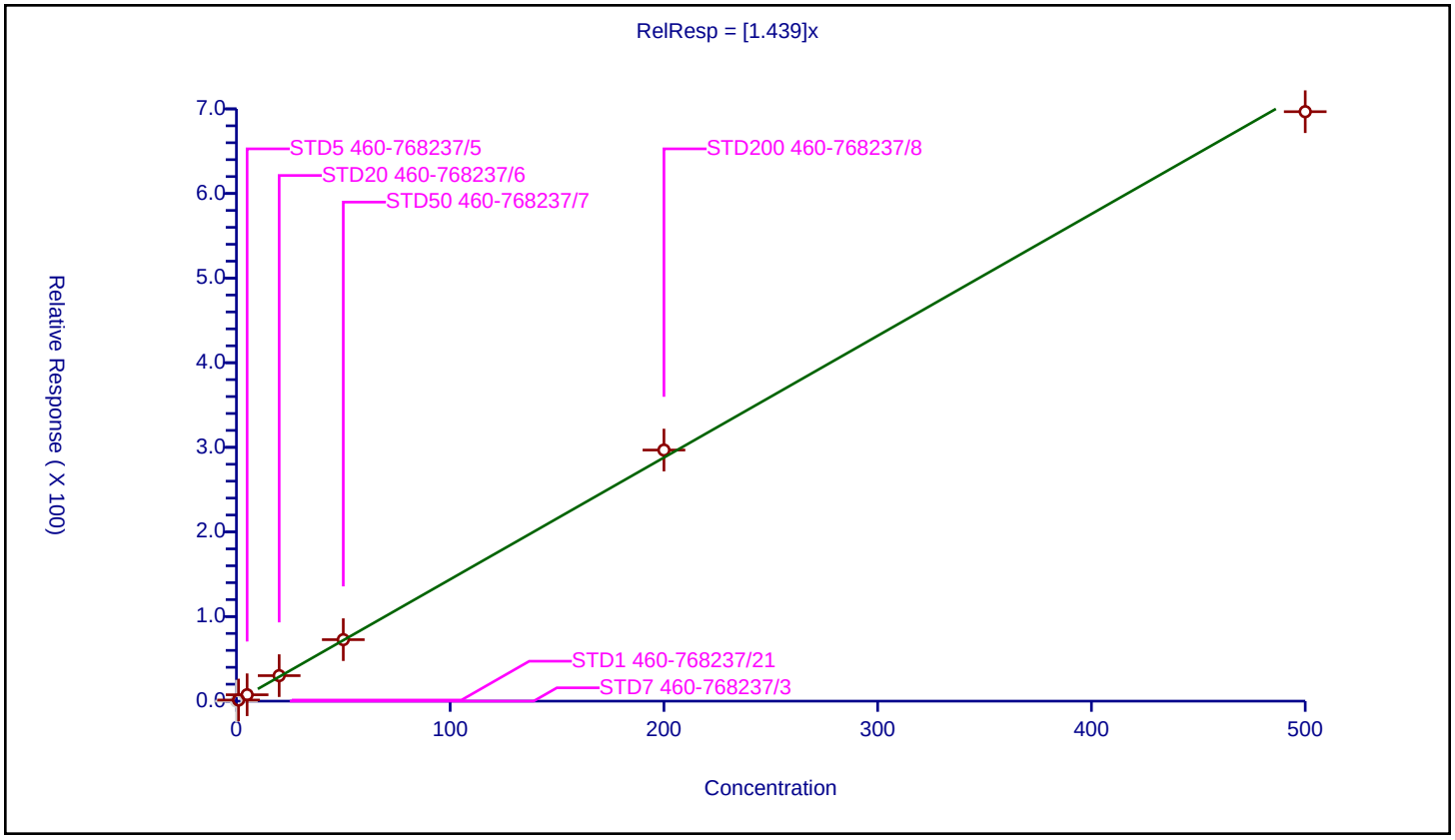
Curve Coefficients

Intercept:	0
Slope:	1.439

Error Coefficients

Standard Error:	3370000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	1.293089	50.0	424062.0	1.293089	Y
3	STD5 460-768237/5	5.0	7.533495	50.0	456634.0	1.506699	Y
4	STD20 460-768237/6	20.0	30.129643	50.0	452936.0	1.506482	Y
5	STD50 460-768237/7	50.0	72.671977	50.0	449566.0	1.45344	Y
6	STD200 460-768237/8	200.0	296.769523	50.0	472407.0	1.483848	Y
7	STD500 460-768237/9	500.0	696.688644	50.0	500067.0	1.393377	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

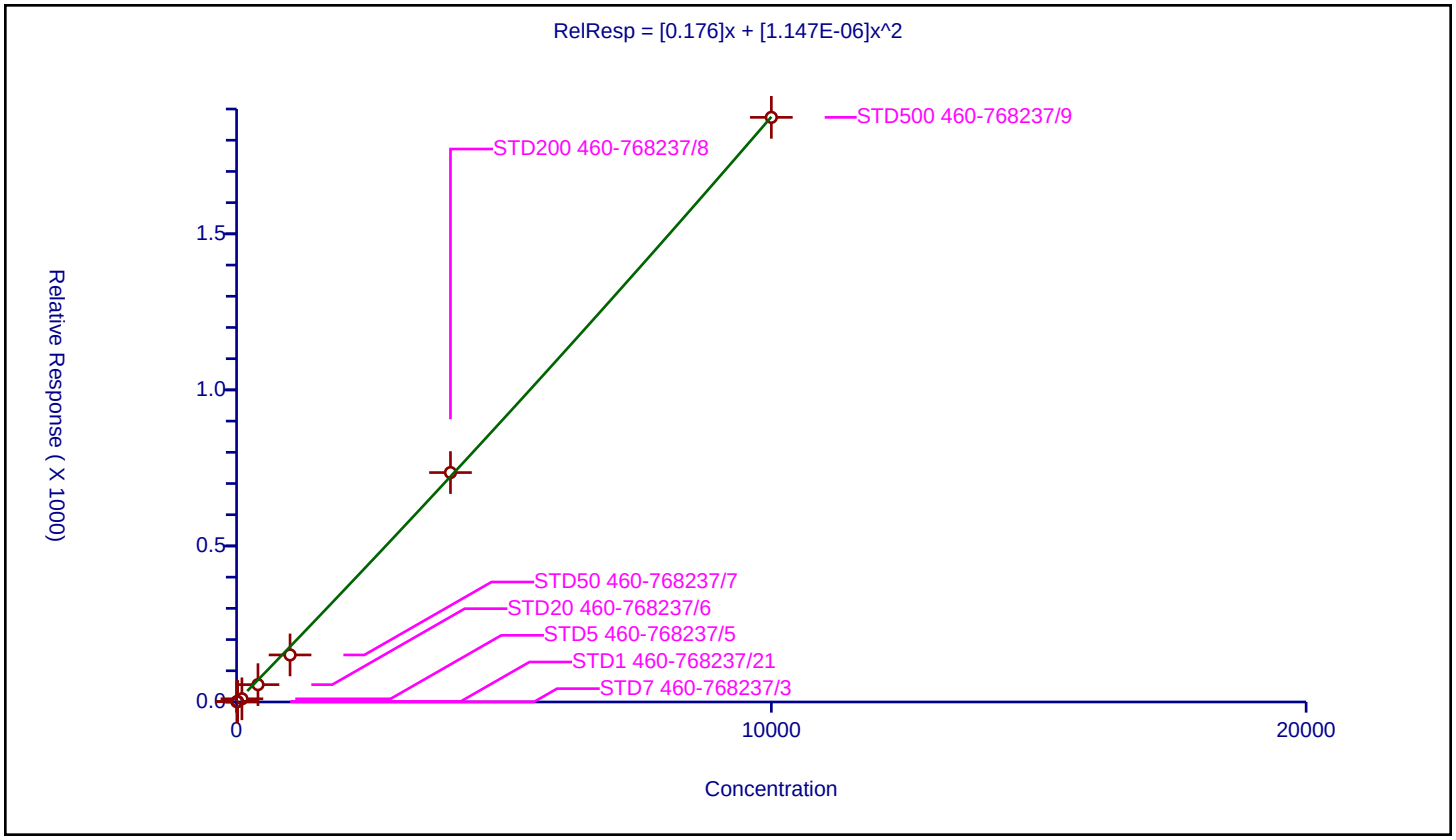
Curve Coefficients

Intercept:	0
Slope:	0.176
Second Order:	1.147E-06

Error Coefficients

Standard Error:	891000
Relative Standard Error:	31.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	5.000009	0.837402	250.0	229579.0	0.16748	Y
2	STD1 460-768237/21	20.000035	1.783003	250.0	209478.0	0.08915	Y
3	STD5 460-768237/5	100.000173	10.218581	250.0	223441.0	0.102186	Y
4	STD20 460-768237/6	400.000692	55.615539	250.0	223674.0	0.139039	Y
5	STD50 460-768237/7	1000.00173	150.785842	250.0	228672.0	0.150786	Y
6	STD200 460-768237/8	4000.00692	735.091169	250.0	235716.0	0.183772	Y
7	STD500 460-768237/9	10000.0173	1873.269071	250.0	248927.0	0.187327	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

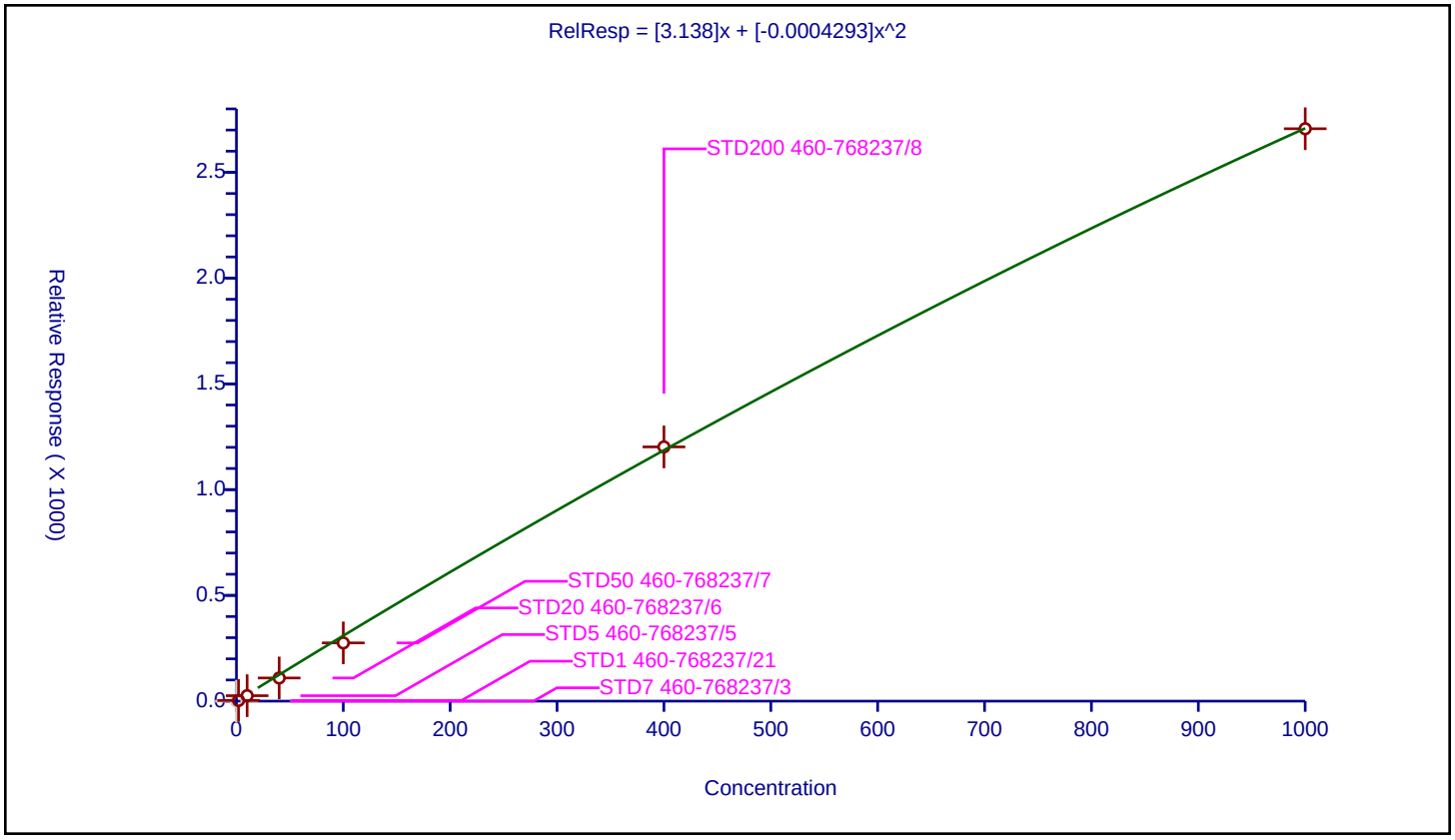
Curve Coefficients

Intercept:	0
Slope:	3.138
Second Order:	-0.0004293

Error Coefficients

Standard Error:	322000
Relative Standard Error:	28.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	1000.0	184670.0	NaN	N
2	STD1 460-768237/21	2.0	3.026521	1000.0	160250.0	1.513261	Y
3	STD5 460-768237/5	10.0	25.759681	1000.0	165530.0	2.575968	Y
4	STD20 460-768237/6	40.0	109.50284	1000.0	164635.0	2.737571	Y
5	STD50 460-768237/7	100.0	275.304364	1000.0	174298.0	2.753044	Y
6	STD200 460-768237/8	400.0	1201.900374	1000.0	191436.0	3.004751	Y
7	STD500 460-768237/9	1000.0	2706.224641	1000.0	222551.0	2.706225	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

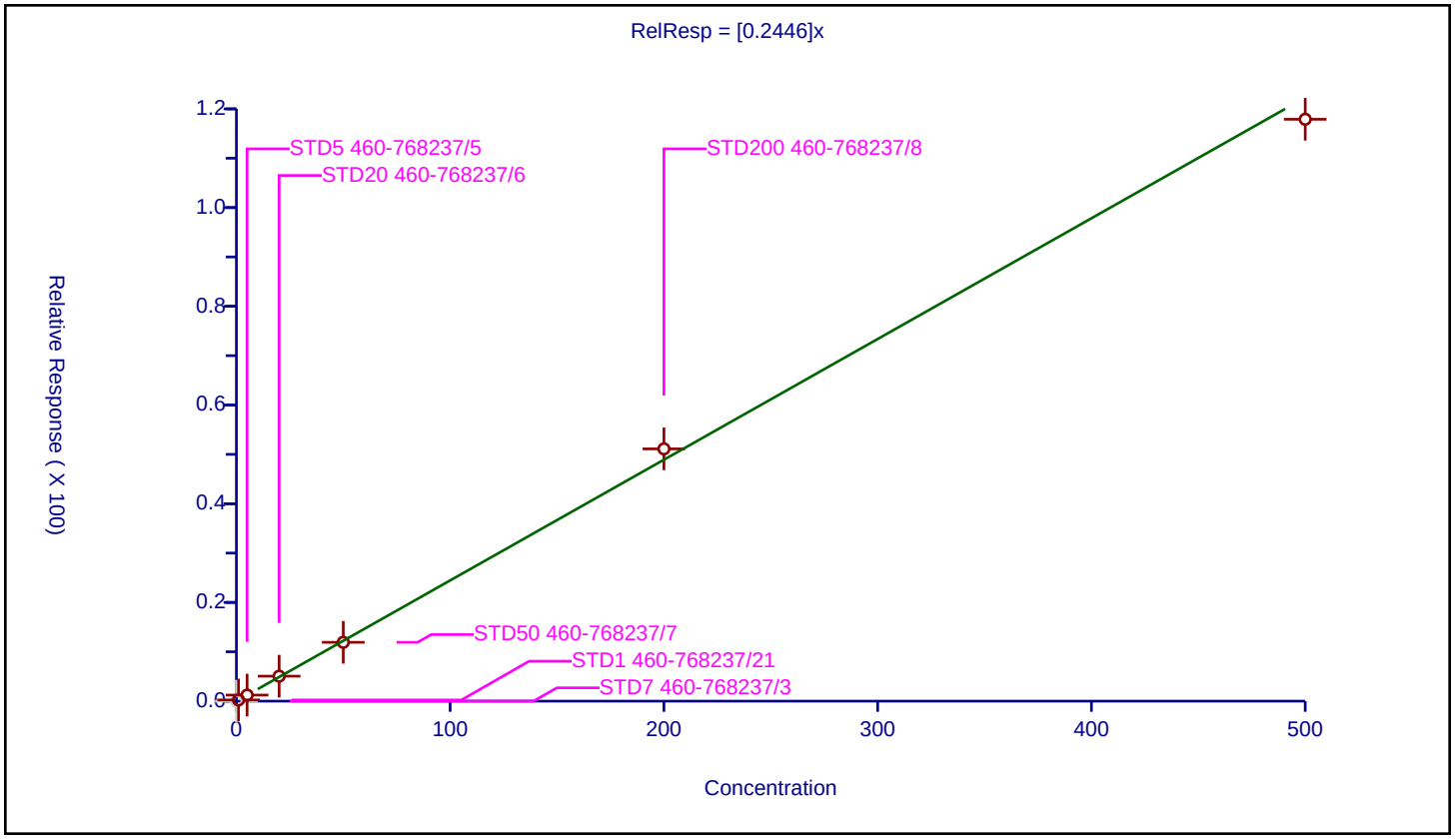
Curve Coefficients

Intercept:	0
Slope:	0.2446

Error Coefficients

Standard Error:	572000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.239116	50.0	424062.0	0.239116	Y
3	STD5 460-768237/5	5.0	1.228884	50.0	456634.0	0.245777	Y
4	STD20 460-768237/6	20.0	5.057889	50.0	452936.0	0.252894	Y
5	STD50 460-768237/7	50.0	11.91894	50.0	449566.0	0.238379	Y
6	STD200 460-768237/8	200.0	51.113023	50.0	472407.0	0.255565	Y
7	STD500 460-768237/9	500.0	117.893302	50.0	500067.0	0.235787	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

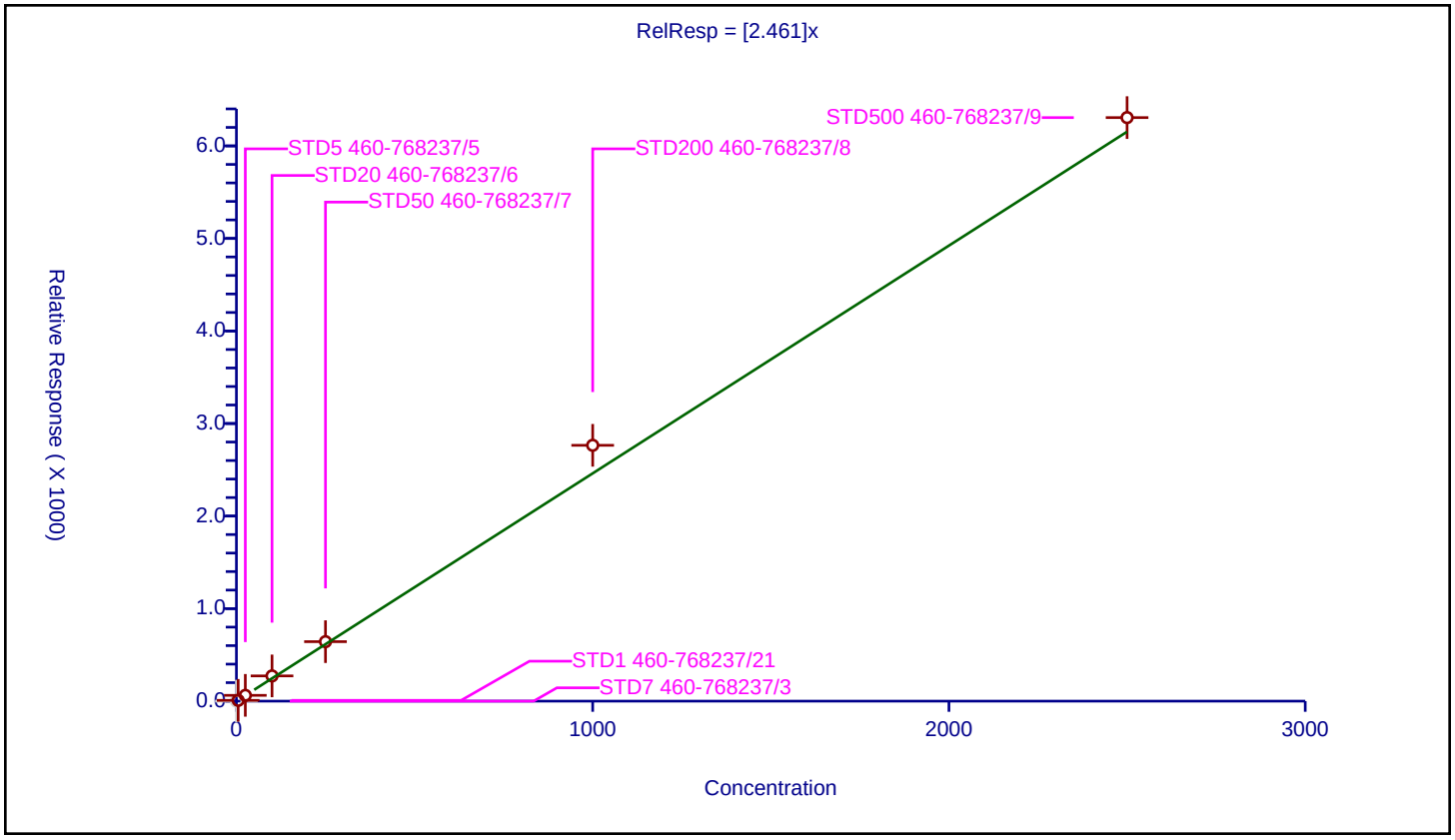
Curve Coefficients

Intercept:	0
Slope:	2.461

Error Coefficients

Standard Error:	3050000
Relative Standard Error:	16.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	250.0	229579.0	NaN	N
2	STD1 460-768237/21	5.0	8.412578	250.0	209478.0	1.682516	Y
3	STD5 460-768237/5	25.0	62.531048	250.0	223441.0	2.501242	Y
4	STD20 460-768237/6	100.0	272.584207	250.0	223674.0	2.725842	Y
5	STD50 460-768237/7	250.0	642.71205	250.0	228672.0	2.570848	Y
6	STD200 460-768237/8	1000.0	2764.73065	250.0	235716.0	2.764731	Y
7	STD500 460-768237/9	2500.0	6305.816565	250.0	248927.0	2.522327	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

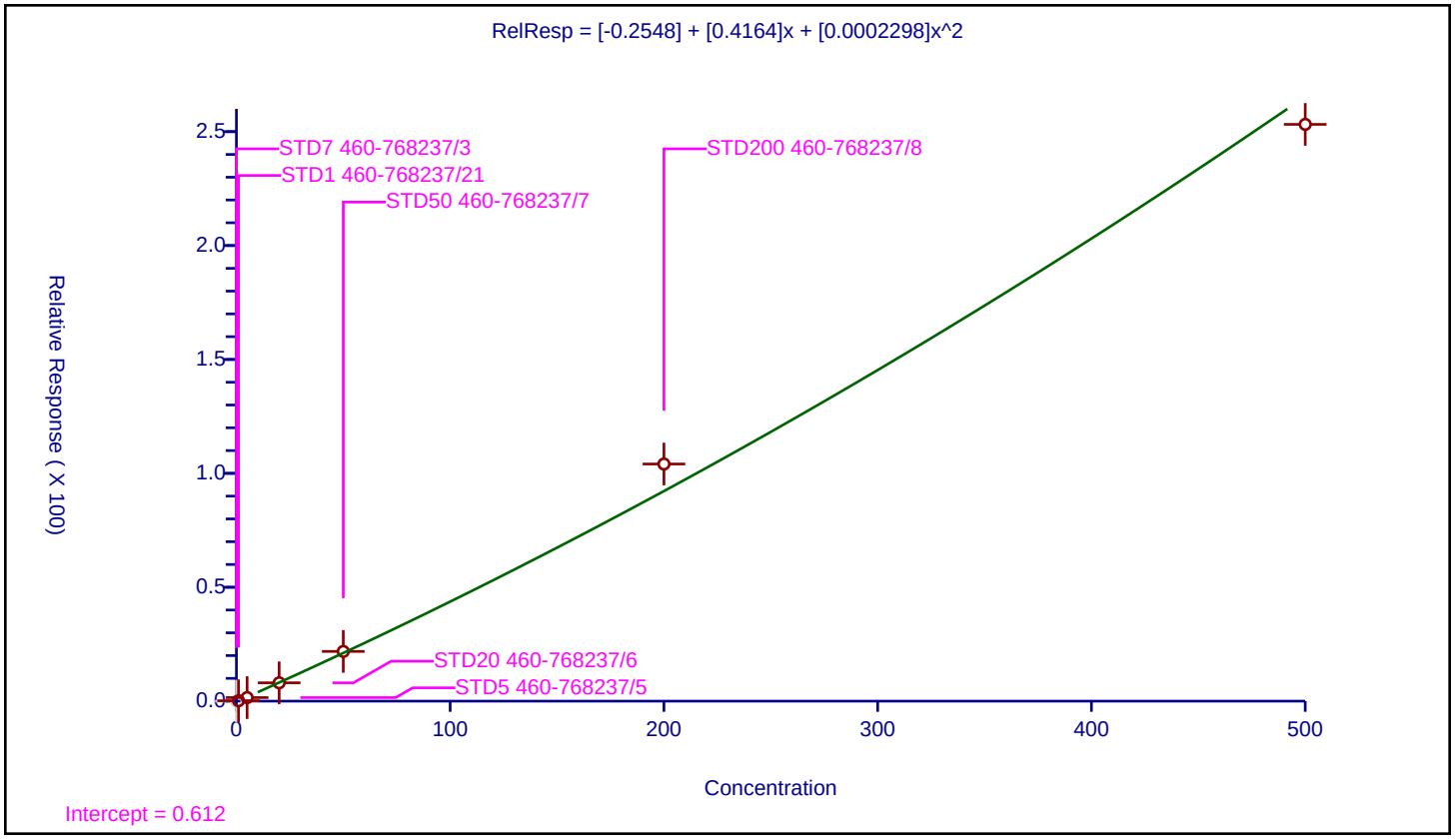
Curve Coefficients

Intercept:	-0.2548
Slope:	0.4164
Second Order:	0.0002298

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	10.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.172263	50.0	424062.0	0.172263	Y
3	STD5 460-768237/5	5.0	1.566134	50.0	456634.0	0.313227	Y
4	STD20 460-768237/6	20.0	8.051469	50.0	452936.0	0.402573	Y
5	STD50 460-768237/7	50.0	21.81871	50.0	449566.0	0.436374	Y
6	STD200 460-768237/8	200.0	104.103771	50.0	472407.0	0.520519	Y
7	STD500 460-768237/9	500.0	253.195972	50.0	500067.0	0.506392	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

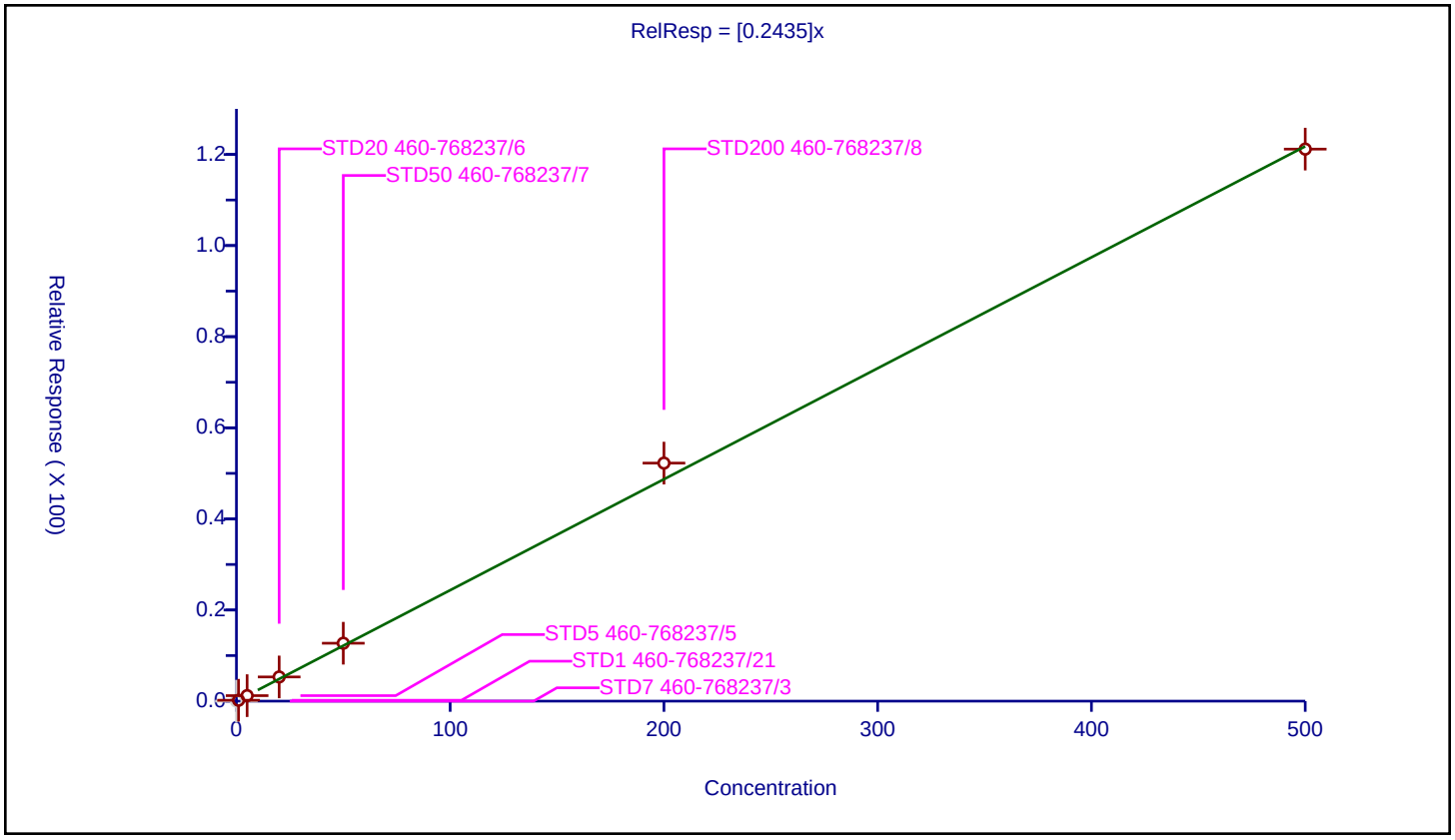
Curve Coefficients

Intercept:	0
Slope:	0.2435

Error Coefficients

Standard Error:	588000
Relative Standard Error:	10.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.196316	50.0	424062.0	0.196316	Y
3	STD5 460-768237/5	5.0	1.208298	50.0	456634.0	0.24166	Y
4	STD20 460-768237/6	20.0	5.309911	50.0	452936.0	0.265496	Y
5	STD50 460-768237/7	50.0	12.709925	50.0	449566.0	0.254198	Y
6	STD200 460-768237/8	200.0	52.250919	50.0	472407.0	0.261255	Y
7	STD500 460-768237/9	500.0	121.172063	50.0	500067.0	0.242344	Y



Calibration / Ethyl methacrylate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

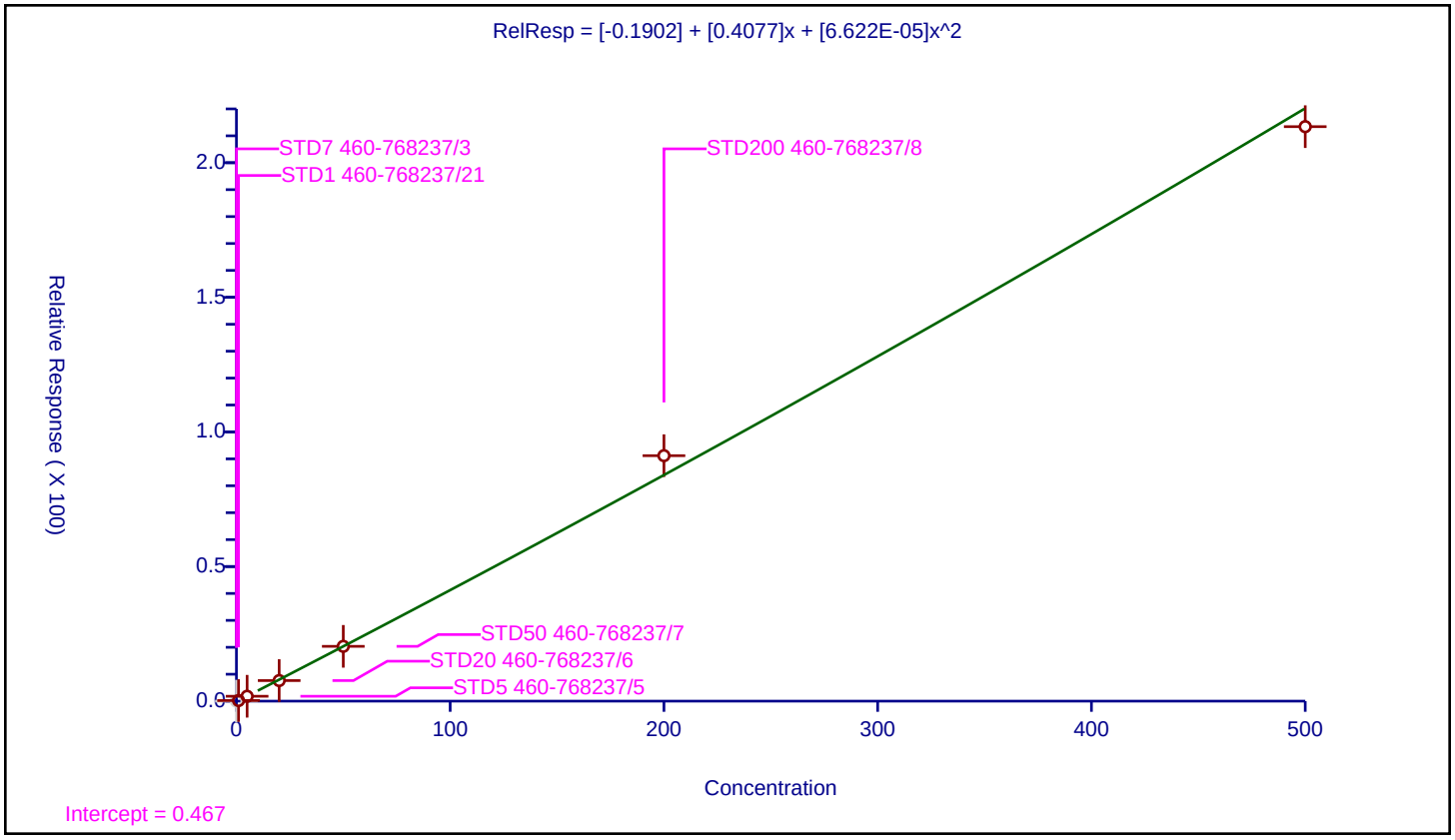
Curve Coefficients

Intercept:	-0.1902
Slope:	0.4077
Second Order:	6.622E-05

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.219661	50.0	424062.0	0.219661	Y
3	STD5 460-768237/5	5.0	1.814582	50.0	456634.0	0.362916	Y
4	STD20 460-768237/6	20.0	7.642581	50.0	452936.0	0.382129	Y
5	STD50 460-768237/7	50.0	20.358524	50.0	449566.0	0.40717	Y
6	STD200 460-768237/8	200.0	91.182603	50.0	472407.0	0.455913	Y
7	STD500 460-768237/9	500.0	213.403104	50.0	500067.0	0.426806	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

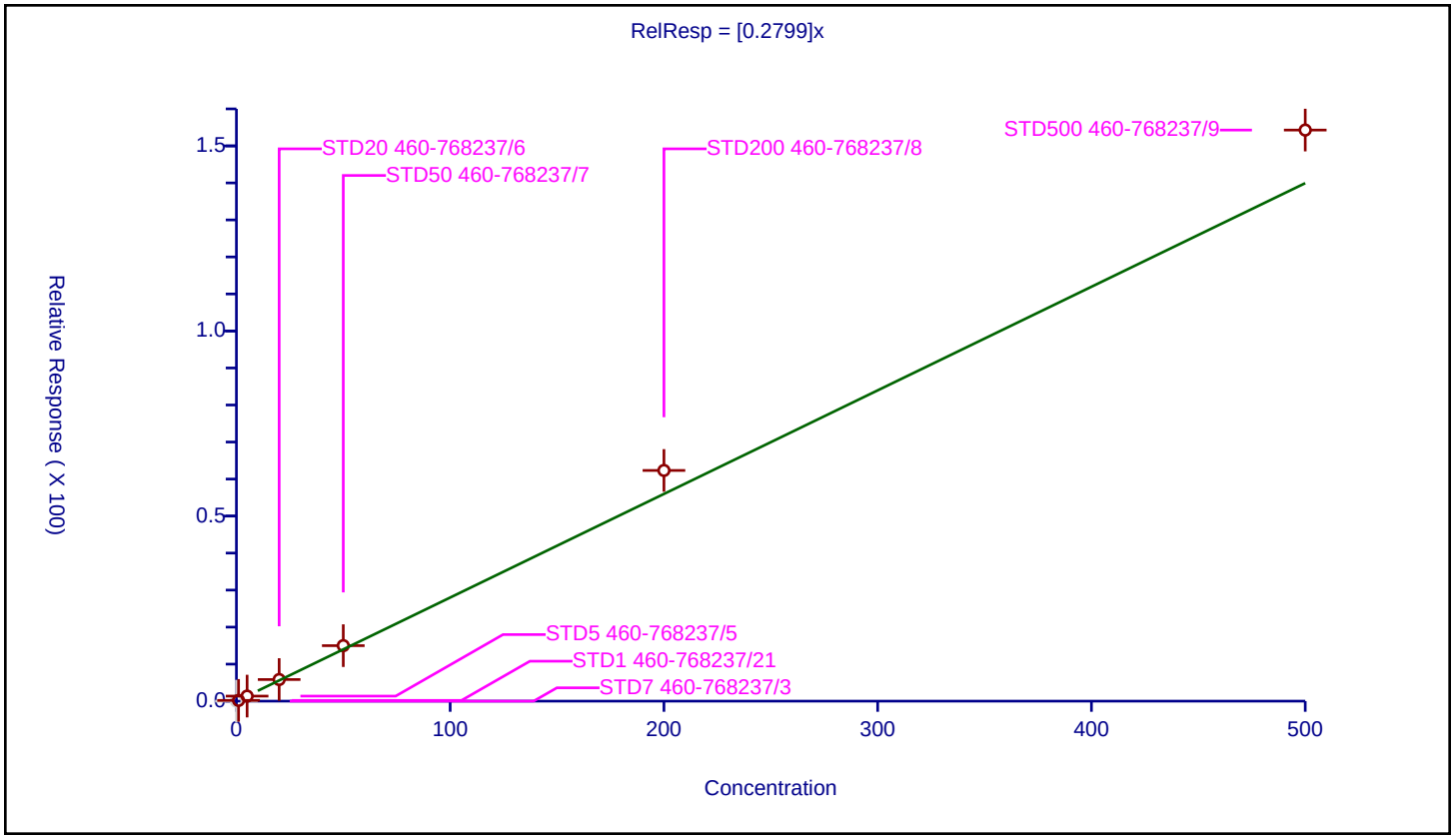
Curve Coefficients

Intercept:	0
Slope:	0.2799

Error Coefficients

Standard Error:	741000
Relative Standard Error:	15.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.194311	50.0	424062.0	0.194311	Y
3	STD5 460-768237/5	5.0	1.364988	50.0	456634.0	0.272998	Y
4	STD20 460-768237/6	20.0	5.8378	50.0	452936.0	0.29189	Y
5	STD50 460-768237/7	50.0	14.992571	50.0	449566.0	0.299851	Y
6	STD200 460-768237/8	200.0	62.320626	50.0	472407.0	0.311603	Y
7	STD500 460-768237/9	500.0	154.279827	50.0	500067.0	0.30856	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

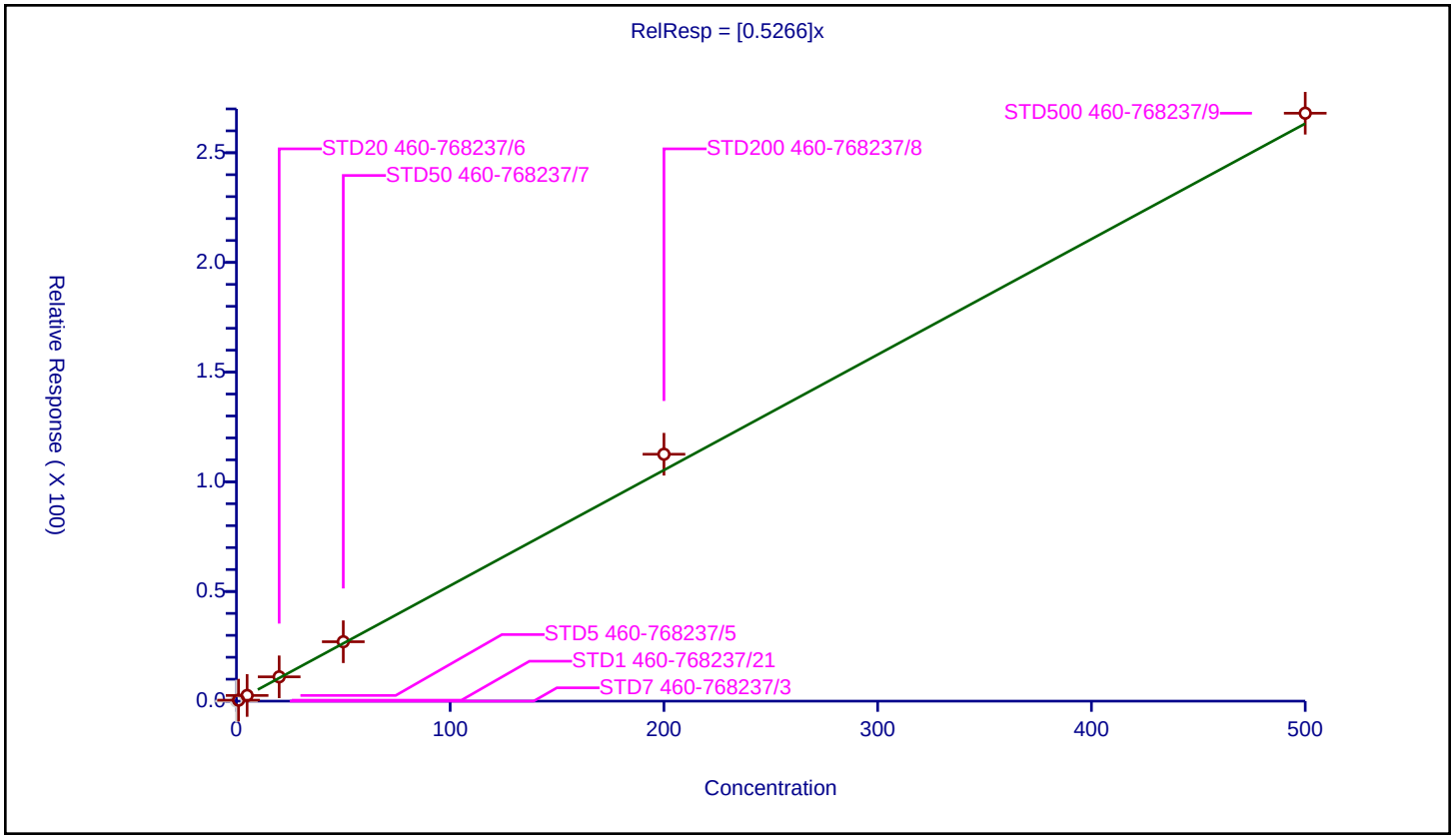
Curve Coefficients

Intercept:	0
Slope:	0.5266

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.446633	50.0	424062.0	0.446633	Y
3	STD5 460-768237/5	5.0	2.593872	50.0	456634.0	0.518774	Y
4	STD20 460-768237/6	20.0	11.074081	50.0	452936.0	0.553704	Y
5	STD50 460-768237/7	50.0	27.079895	50.0	449566.0	0.541598	Y
6	STD200 460-768237/8	200.0	112.563425	50.0	472407.0	0.562817	Y
7	STD500 460-768237/9	500.0	268.037683	50.0	500067.0	0.536075	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

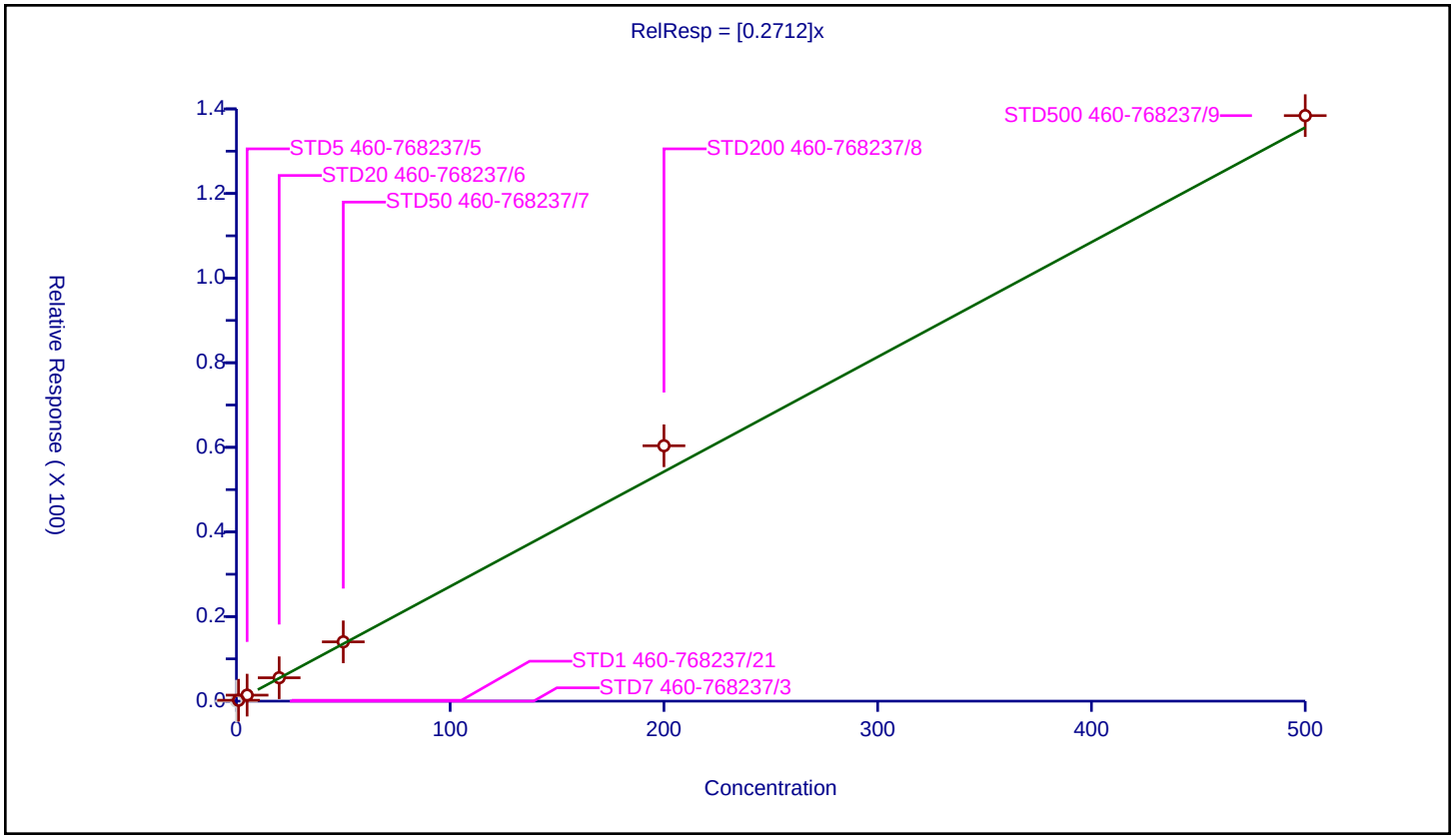
Curve Coefficients

Intercept:	0
Slope:	0.2712

Error Coefficients

Standard Error:	672000
Relative Standard Error:	11.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.208106	50.0	424062.0	0.208106	Y
3	STD5 460-768237/5	5.0	1.417985	50.0	456634.0	0.283597	Y
4	STD20 460-768237/6	20.0	5.530252	50.0	452936.0	0.276513	Y
5	STD50 460-768237/7	50.0	14.020522	50.0	449566.0	0.28041	Y
6	STD200 460-768237/8	200.0	60.371777	50.0	472407.0	0.301859	Y
7	STD500 460-768237/9	500.0	138.405154	50.0	500067.0	0.27681	Y



Calibration / n-Butyl acetate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

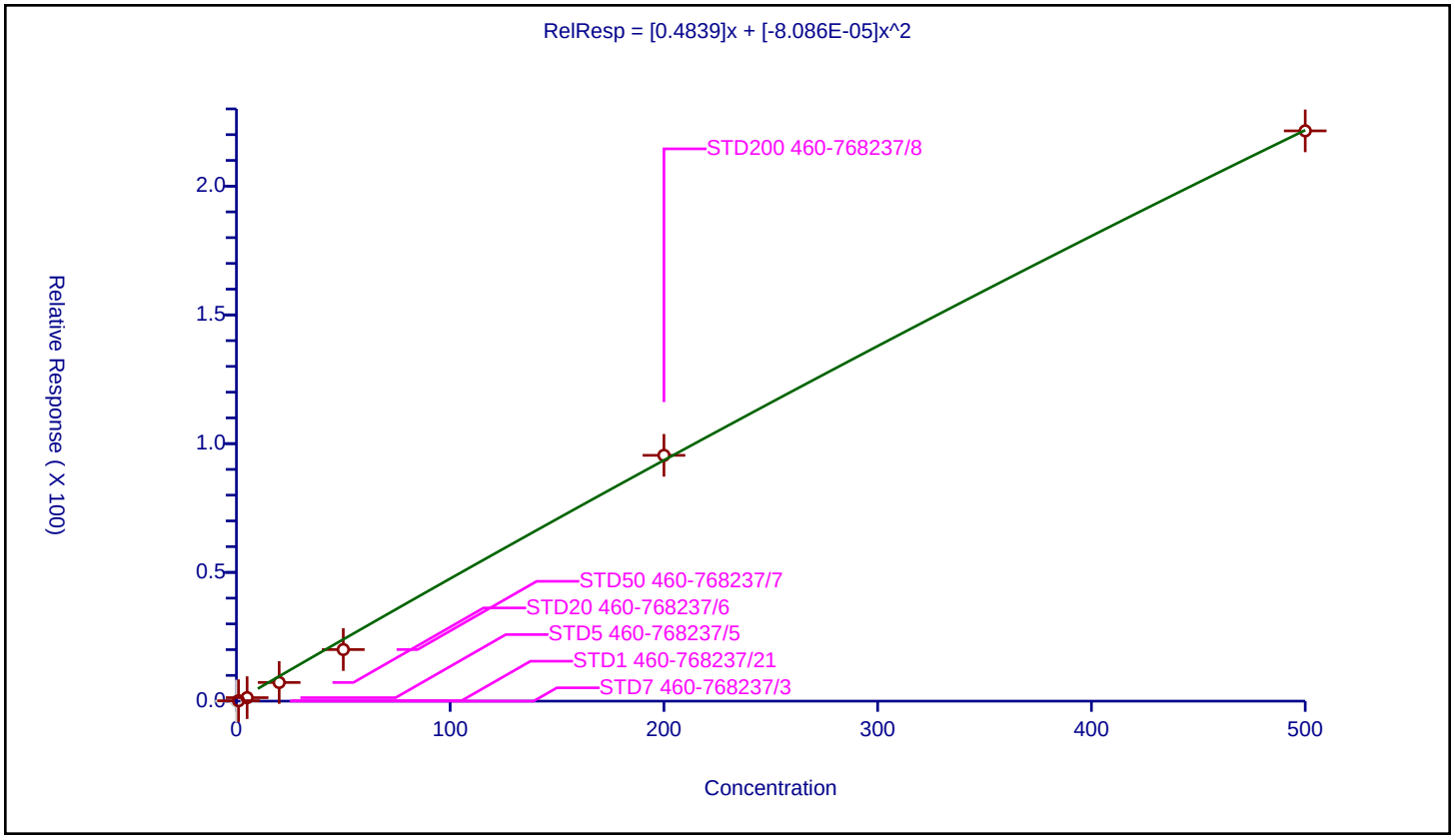
Curve Coefficients

Intercept:	0
Slope:	0.4839
Second Order:	-8.086E-05

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	43.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.149035	50.0	424062.0	0.149035	Y
3	STD5 460-768237/5	5.0	1.345936	50.0	456634.0	0.269187	Y
4	STD20 460-768237/6	20.0	7.242524	50.0	452936.0	0.362126	Y
5	STD50 460-768237/7	50.0	20.026648	50.0	449566.0	0.400533	Y
6	STD200 460-768237/8	200.0	95.464504	50.0	472407.0	0.477323	Y
7	STD500 460-768237/9	500.0	221.471123	50.0	500067.0	0.442942	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

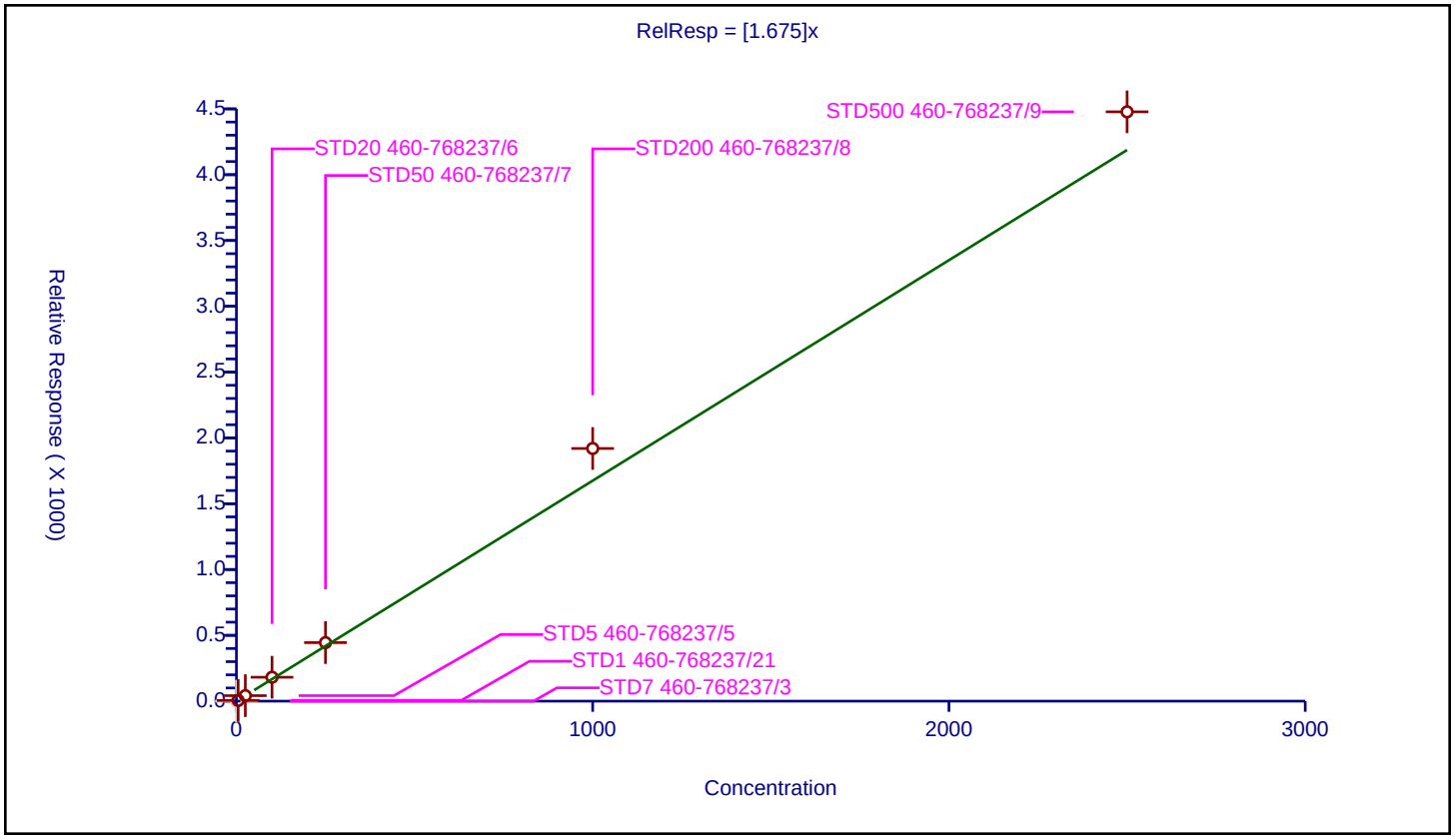
Curve Coefficients

Intercept:	0
Slope:	1.675

Error Coefficients

Standard Error:	2160000
Relative Standard Error:	18.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	250.0	229579.0	NaN	N
2	STD1 460-768237/21	5.0	5.368105	250.0	209478.0	1.073621	Y
3	STD5 460-768237/5	25.0	41.761584	250.0	223441.0	1.670463	Y
4	STD20 460-768237/6	100.0	181.667293	250.0	223674.0	1.816673	Y
5	STD50 460-768237/7	250.0	444.786638	250.0	228672.0	1.779147	Y
6	STD200 460-768237/8	1000.0	1919.727553	250.0	235716.0	1.919728	Y
7	STD500 460-768237/9	2500.0	4477.820807	250.0	248927.0	1.791128	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

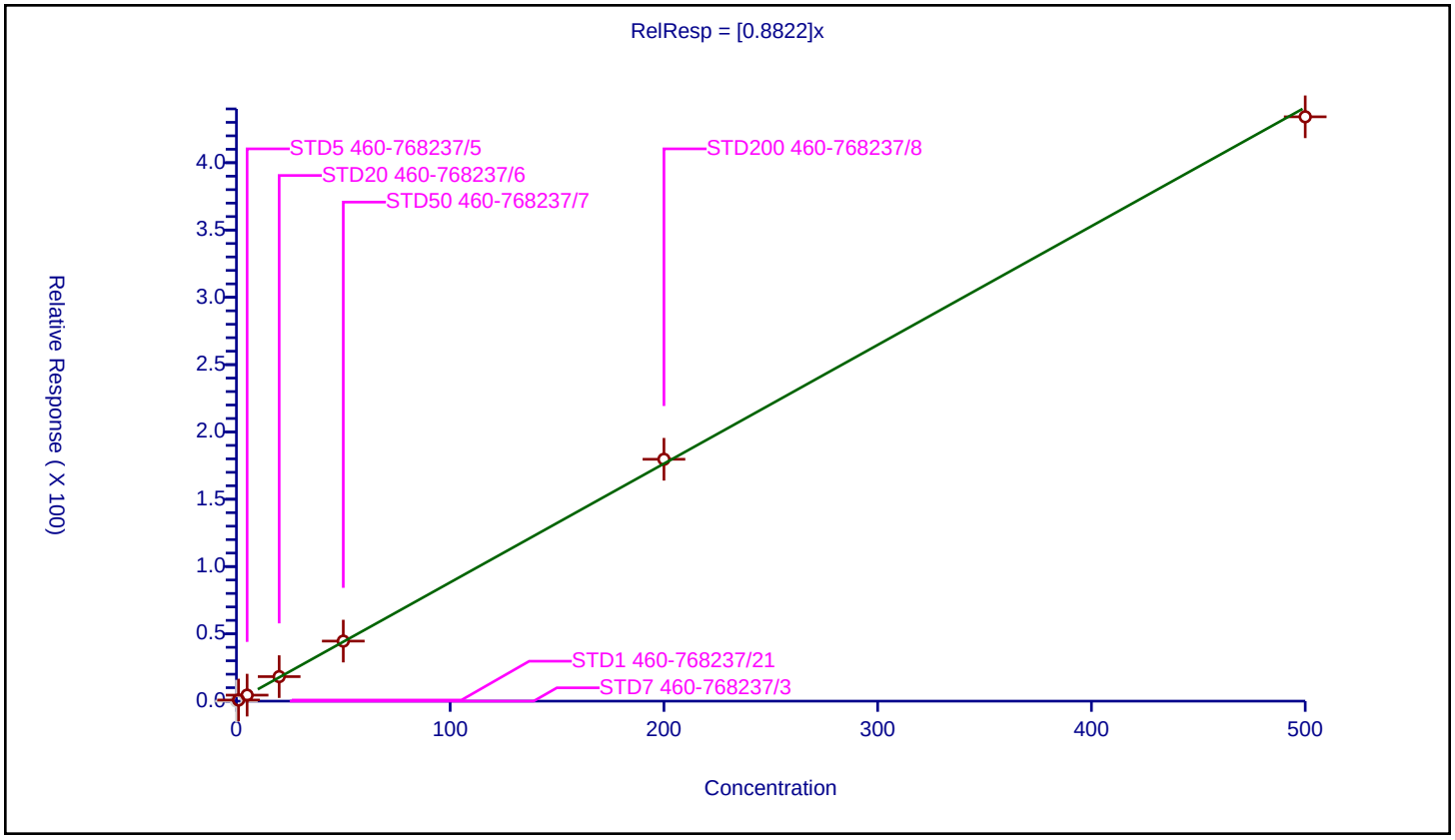
Curve Coefficients

Intercept:	0
Slope:	0.8822

Error Coefficients

Standard Error:	2090000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.829831	50.0	424062.0	0.829831	Y
3	STD5 460-768237/5	5.0	4.467911	50.0	456634.0	0.893582	Y
4	STD20 460-768237/6	20.0	18.216481	50.0	452936.0	0.910824	Y
5	STD50 460-768237/7	50.0	44.60235	50.0	449566.0	0.892047	Y
6	STD200 460-768237/8	200.0	179.695898	50.0	472407.0	0.898479	Y
7	STD500 460-768237/9	500.0	434.115029	50.0	500067.0	0.86823	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

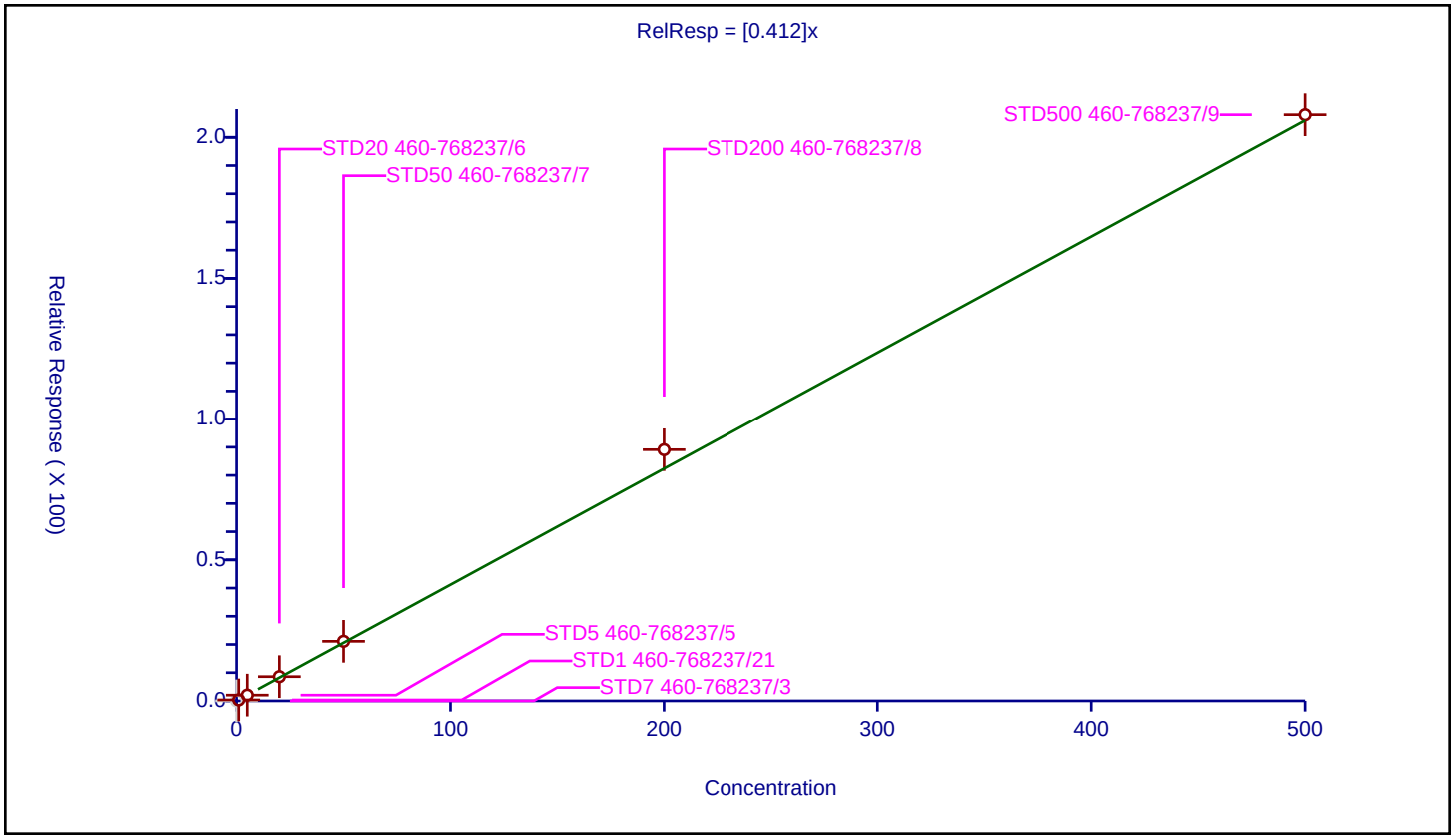
Curve Coefficients

Intercept:	0
Slope:	0.412

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.348888	50.0	424062.0	0.348888	Y
3	STD5 460-768237/5	5.0	2.049015	50.0	456634.0	0.409803	Y
4	STD20 460-768237/6	20.0	8.585981	50.0	452936.0	0.429299	Y
5	STD50 460-768237/7	50.0	21.125485	50.0	449566.0	0.42251	Y
6	STD200 460-768237/8	200.0	89.12569	50.0	472407.0	0.445628	Y
7	STD500 460-768237/9	500.0	208.000928	50.0	500067.0	0.416002	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

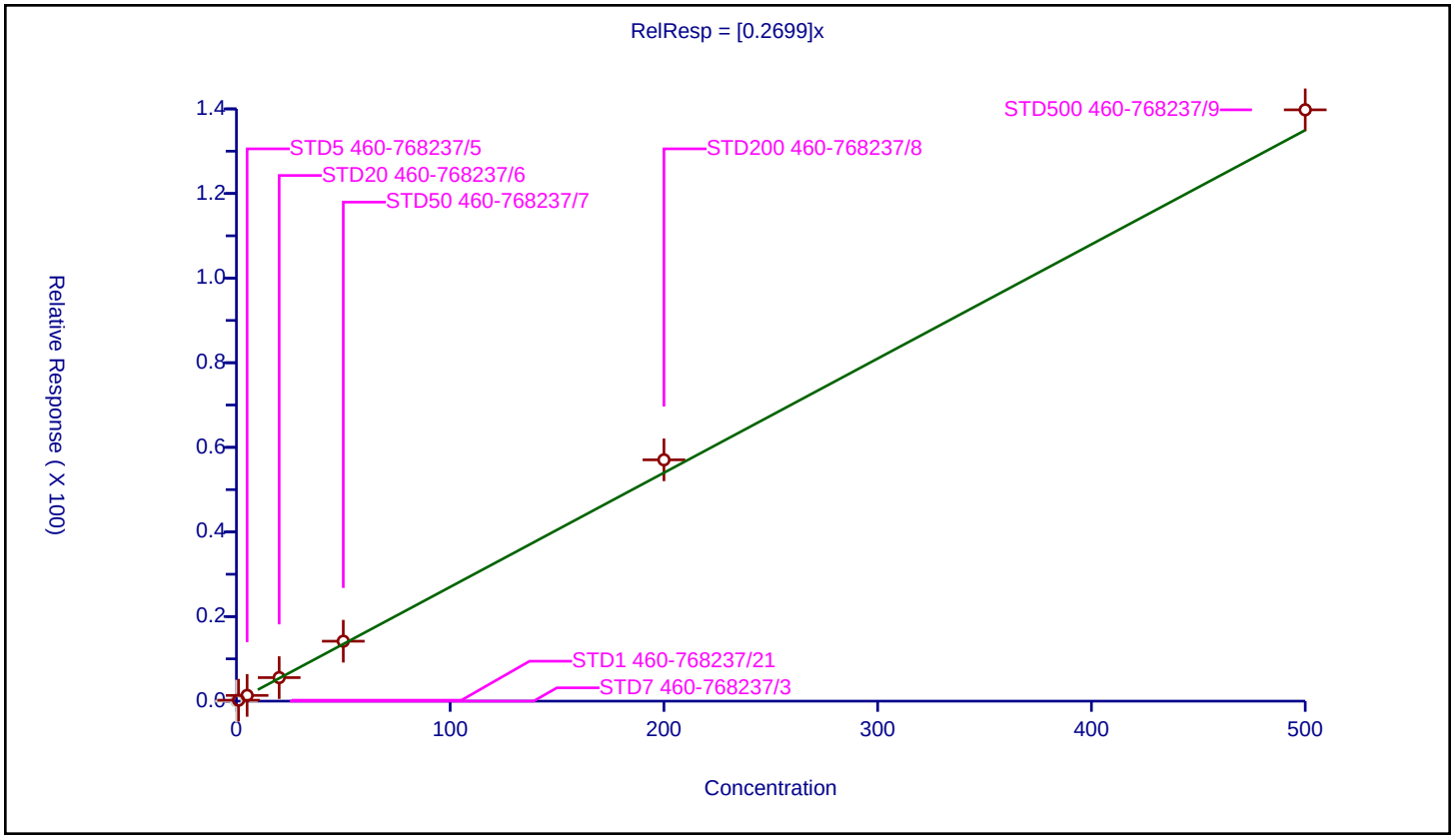
Curve Coefficients

Intercept:	0
Slope:	0.2699

Error Coefficients

Standard Error:	673000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.221666	50.0	424062.0	0.221666	Y
3	STD5 460-768237/5	5.0	1.357871	50.0	456634.0	0.271574	Y
4	STD20 460-768237/6	20.0	5.563479	50.0	452936.0	0.278174	Y
5	STD50 460-768237/7	50.0	14.170556	50.0	449566.0	0.283411	Y
6	STD200 460-768237/8	200.0	57.043926	50.0	472407.0	0.28522	Y
7	STD500 460-768237/9	500.0	139.781169	50.0	500067.0	0.279562	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

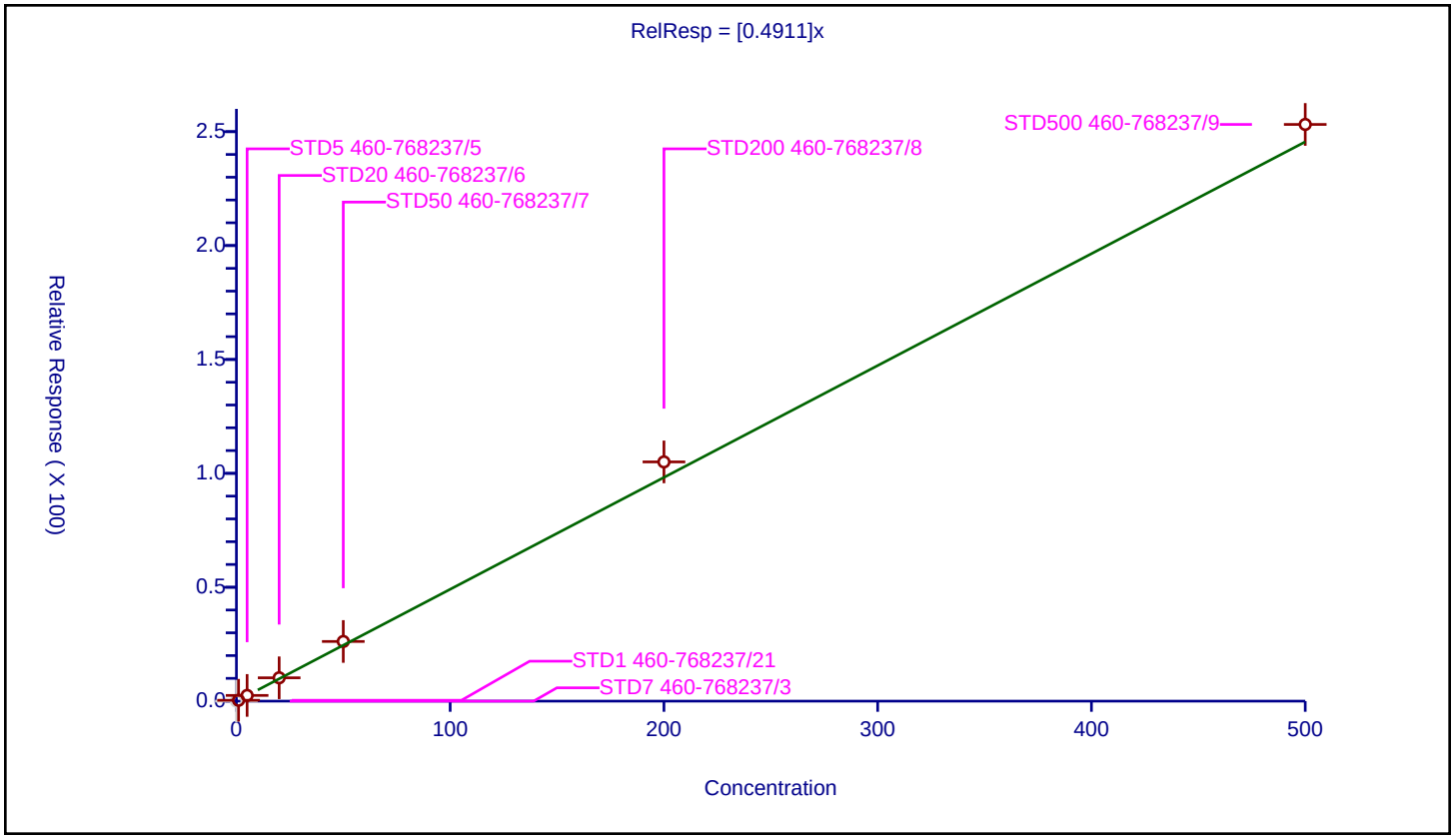
Curve Coefficients

Intercept:	0
Slope:	0.4911

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	11.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.377657	50.0	424062.0	0.377657	Y
3	STD5 460-768237/5	5.0	2.503318	50.0	456634.0	0.500664	Y
4	STD20 460-768237/6	20.0	10.253215	50.0	452936.0	0.512661	Y
5	STD50 460-768237/7	50.0	26.199045	50.0	449566.0	0.523981	Y
6	STD200 460-768237/8	200.0	105.025751	50.0	472407.0	0.525129	Y
7	STD500 460-768237/9	500.0	253.167975	50.0	500067.0	0.506336	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

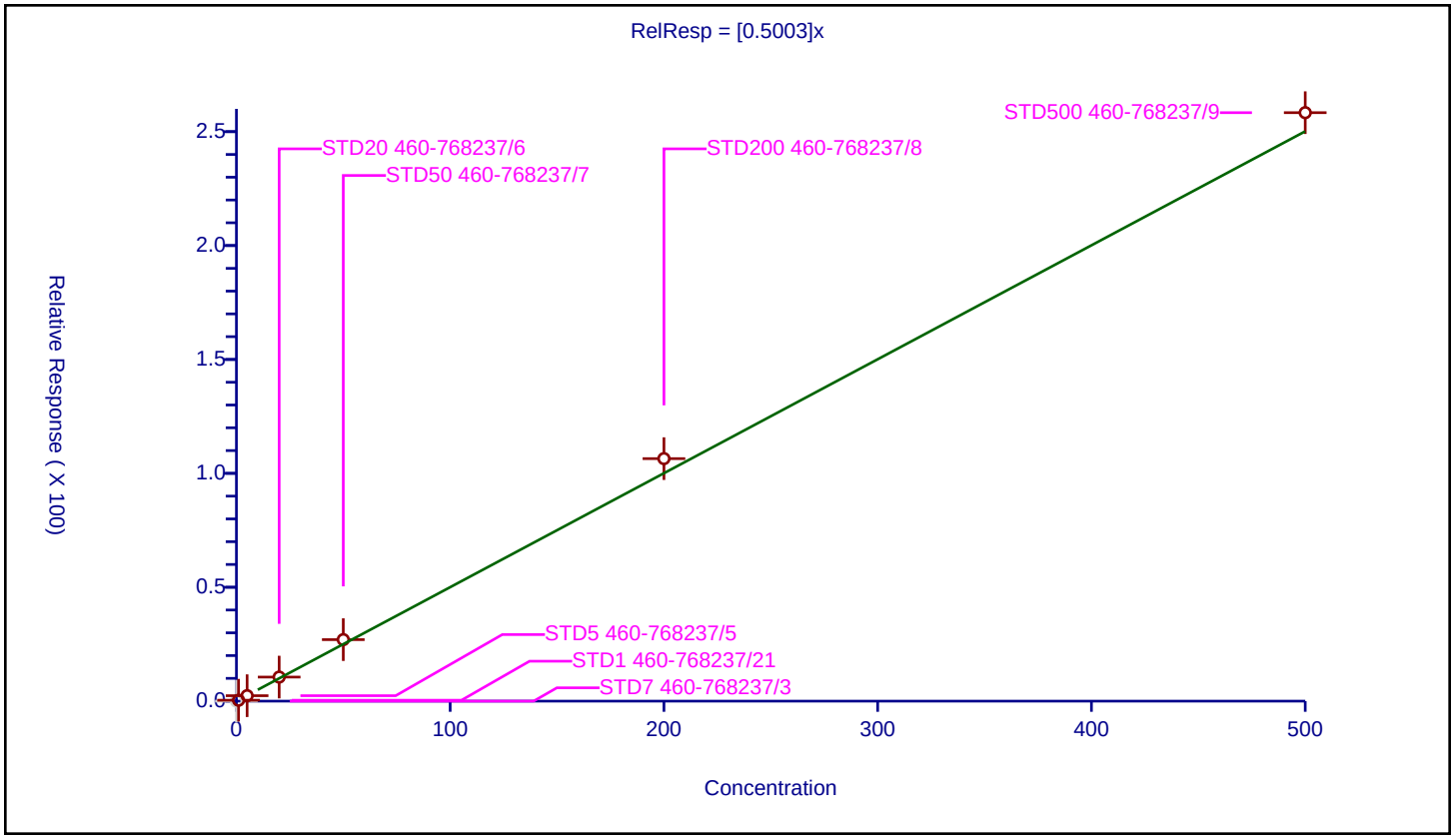
Curve Coefficients

Intercept:	0
Slope:	0.5003

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	10.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.404894	50.0	424062.0	0.404894	Y
3	STD5 460-768237/5	5.0	2.396777	50.0	456634.0	0.479355	Y
4	STD20 460-768237/6	20.0	10.564738	50.0	452936.0	0.528237	Y
5	STD50 460-768237/7	50.0	27.008938	50.0	449566.0	0.540179	Y
6	STD200 460-768237/8	200.0	106.46667	50.0	472407.0	0.532333	Y
7	STD500 460-768237/9	500.0	258.340082	50.0	500067.0	0.51668	Y



Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

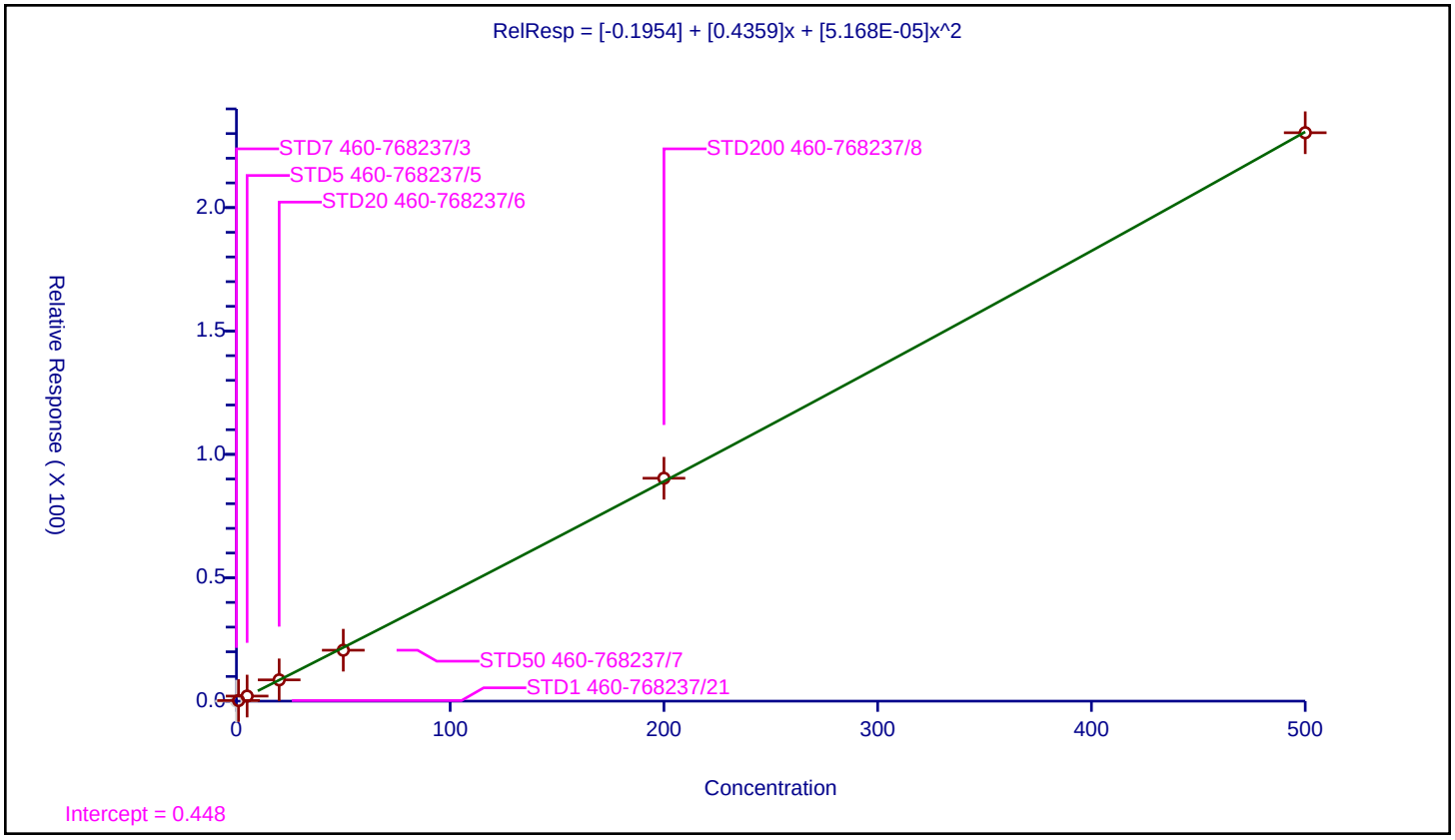
Curve Coefficients

Intercept:	-0.1954
Slope:	0.4359
Second Order:	5.168E-05

Error Coefficients

Standard Error:	563000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.237778	50.0	151612.0	0.237778	Y
3	STD5 460-768237/5	5.0	2.059871	50.0	166758.0	0.411974	Y
4	STD20 460-768237/6	20.0	8.62248	50.0	167562.0	0.431124	Y
5	STD50 460-768237/7	50.0	20.641438	50.0	178287.0	0.412829	Y
6	STD200 460-768237/8	200.0	90.336201	50.0	190303.0	0.451681	Y
7	STD500 460-768237/9	500.0	230.34248	50.0	197530.0	0.460685	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

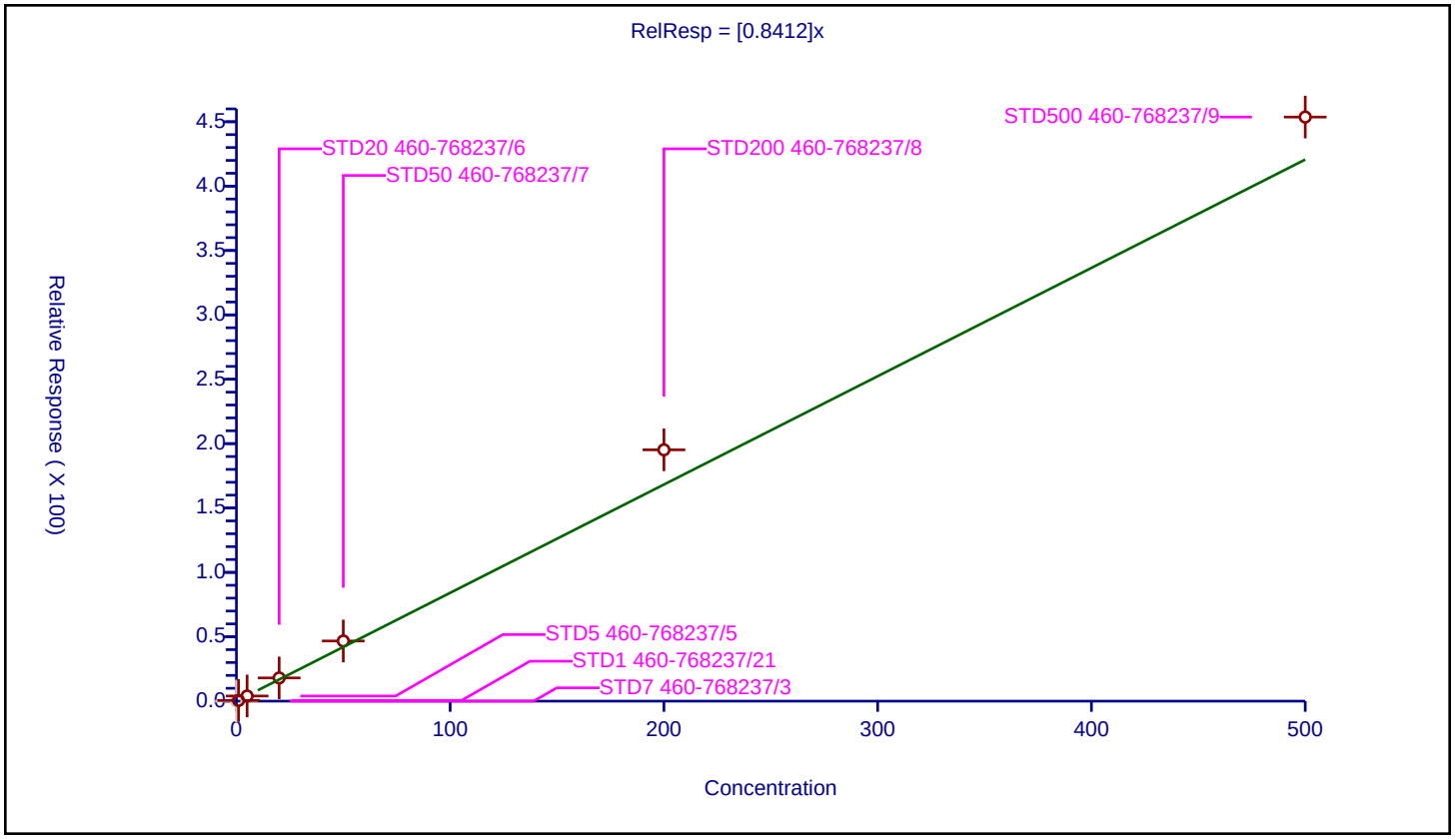
Curve Coefficients

Intercept:	0
Slope:	0.8412

Error Coefficients

Standard Error:	2200000
Relative Standard Error:	19.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.529168	50.0	424062.0	0.529168	Y
3	STD5 460-768237/5	5.0	3.997622	50.0	456634.0	0.799524	Y
4	STD20 460-768237/6	20.0	18.02694	50.0	452936.0	0.901347	Y
5	STD50 460-768237/7	50.0	46.712607	50.0	449566.0	0.934252	Y
6	STD200 460-768237/8	200.0	195.184026	50.0	472407.0	0.97592	Y
7	STD500 460-768237/9	500.0	453.642312	50.0	500067.0	0.907285	Y



Calibration / n-Butyl acrylate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

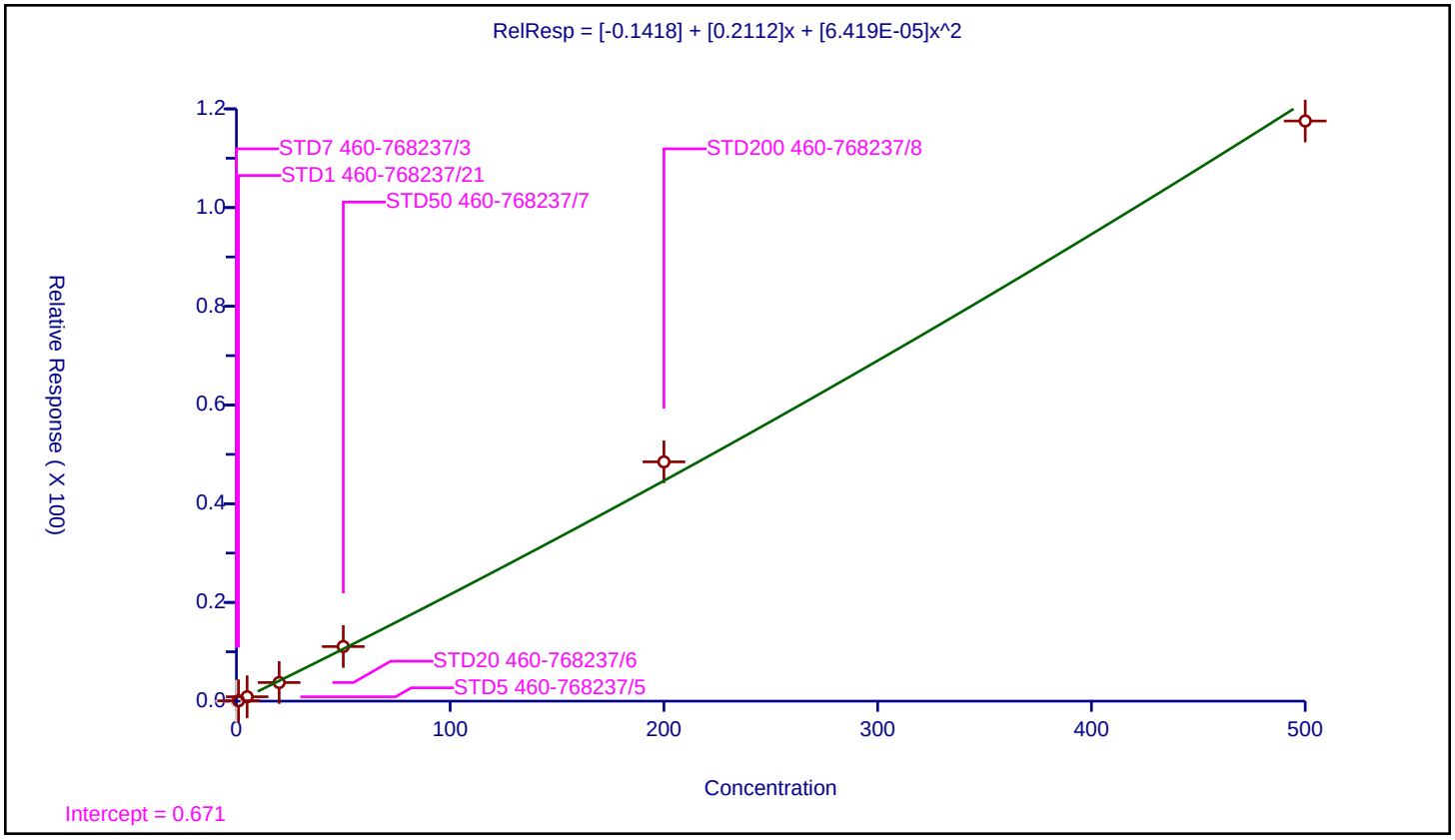
Curve Coefficients

Intercept:	-0.1418
Slope:	0.2112
Second Order:	6.419E-05

Error Coefficients

Standard Error:	731000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.071216	50.0	424062.0	0.071216	Y
3	STD5 460-768237/5	5.0	0.886268	50.0	456634.0	0.177254	Y
4	STD20 460-768237/6	20.0	3.771835	50.0	452936.0	0.188592	Y
5	STD50 460-768237/7	50.0	11.062892	50.0	449566.0	0.221258	Y
6	STD200 460-768237/8	200.0	48.482453	50.0	472407.0	0.242412	Y
7	STD500 460-768237/9	500.0	117.550248	50.0	500067.0	0.2351	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

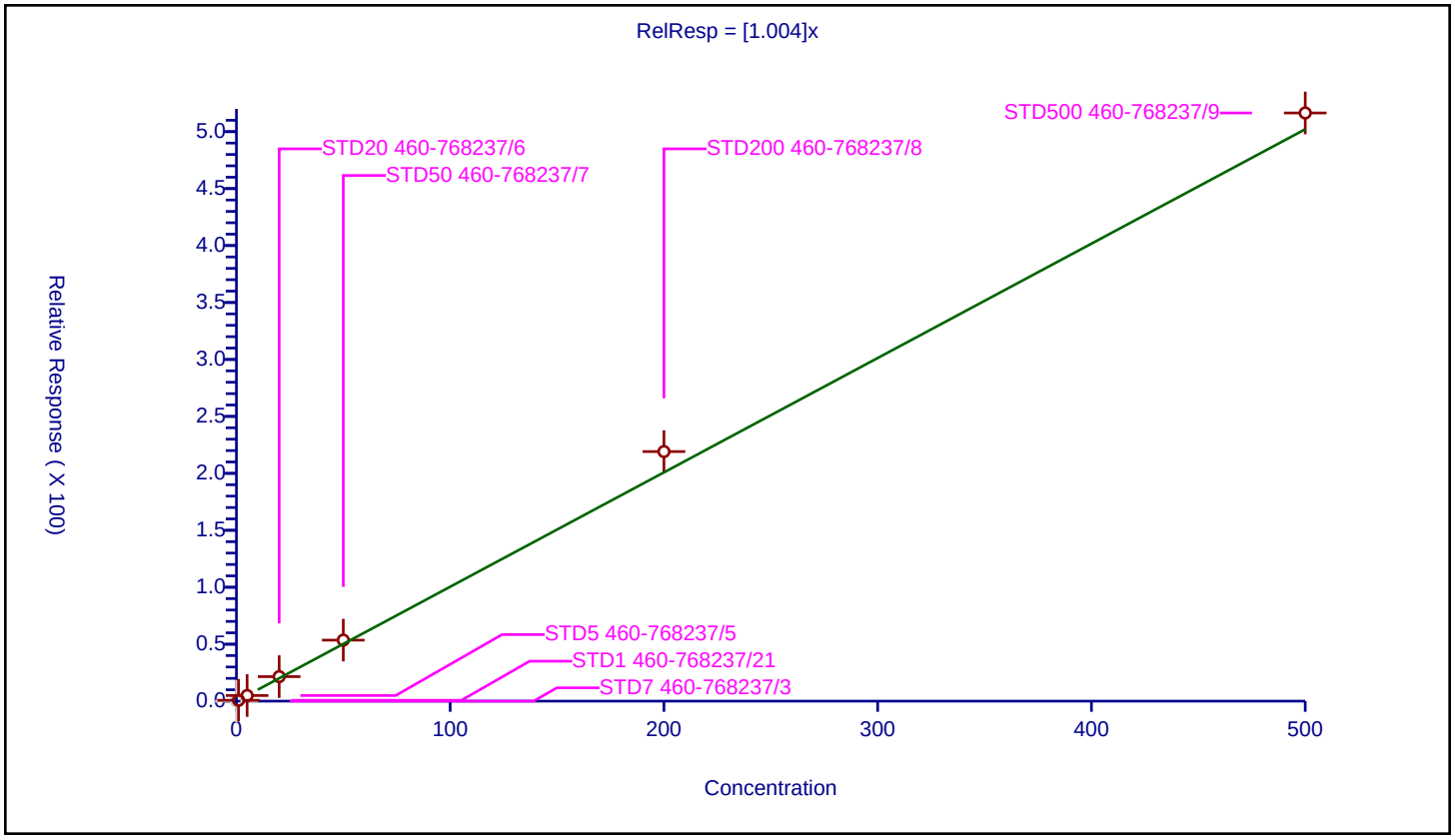
Curve Coefficients

Intercept:	0
Slope:	1.004

Error Coefficients

Standard Error:	2500000
Relative Standard Error:	12.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	488050.0	NaN	N
2	STD1 460-768237/21	1.0	0.766751	50.0	424062.0	0.766751	Y
3	STD5 460-768237/5	5.0	4.914658	50.0	456634.0	0.982932	Y
4	STD20 460-768237/6	20.0	21.518713	50.0	452936.0	1.075936	Y
5	STD50 460-768237/7	50.0	53.552537	50.0	449566.0	1.071051	Y
6	STD200 460-768237/8	200.0	219.136782	50.0	472407.0	1.095684	Y
7	STD500 460-768237/9	500.0	516.430198	50.0	500067.0	1.03286	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

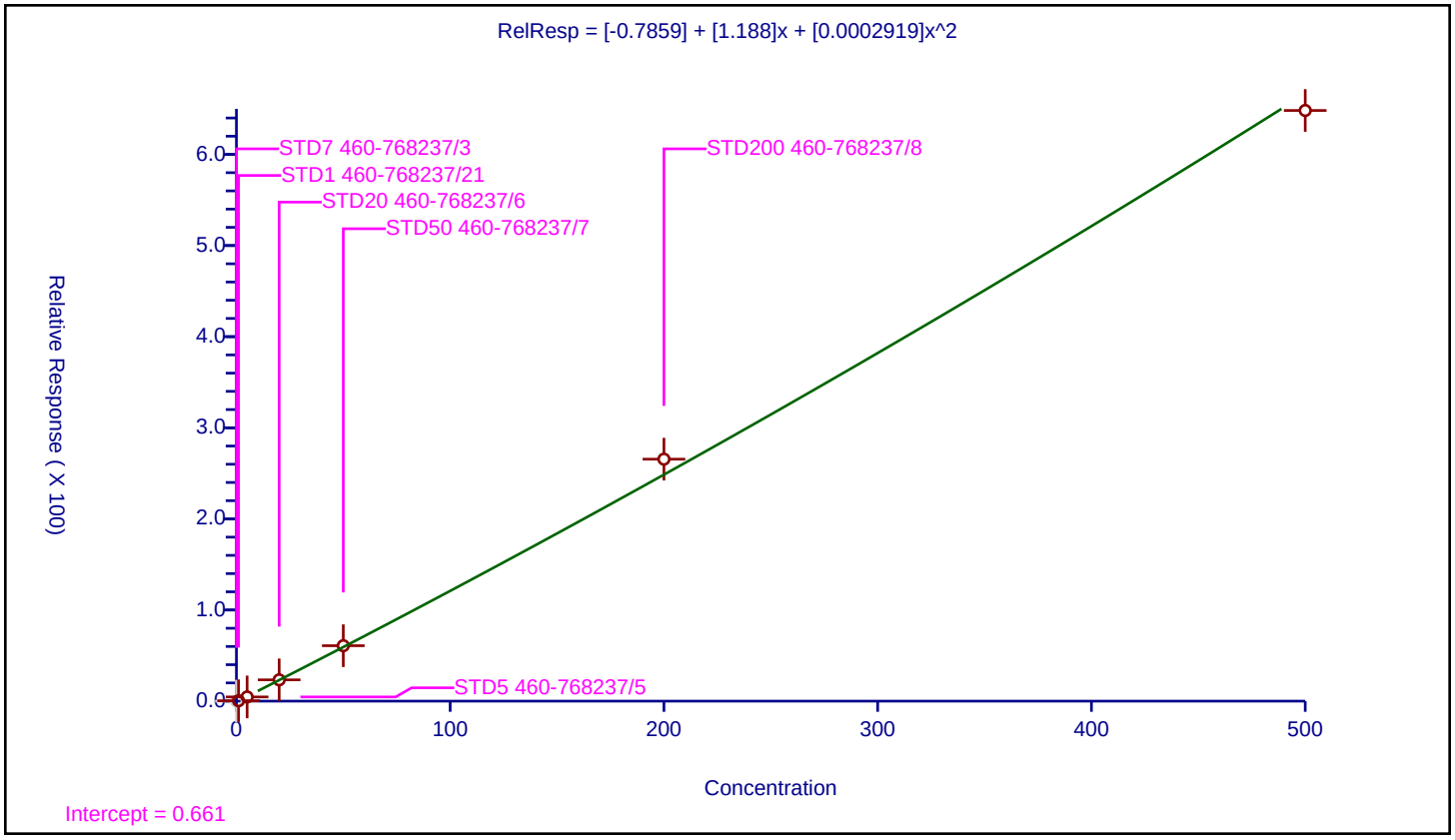
Curve Coefficients

Intercept:	-0.7859
Slope:	1.188
Second Order:	0.0002919

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	7.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.423779	50.0	151612.0	0.423779	Y
3	STD5 460-768237/5	5.0	4.601278	50.0	166758.0	0.920256	Y
4	STD20 460-768237/6	20.0	23.376422	50.0	167562.0	1.168821	Y
5	STD50 460-768237/7	50.0	60.833095	50.0	178287.0	1.216662	Y
6	STD200 460-768237/8	200.0	265.572797	50.0	190303.0	1.327864	Y
7	STD500 460-768237/9	500.0	648.251658	50.0	197530.0	1.296503	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

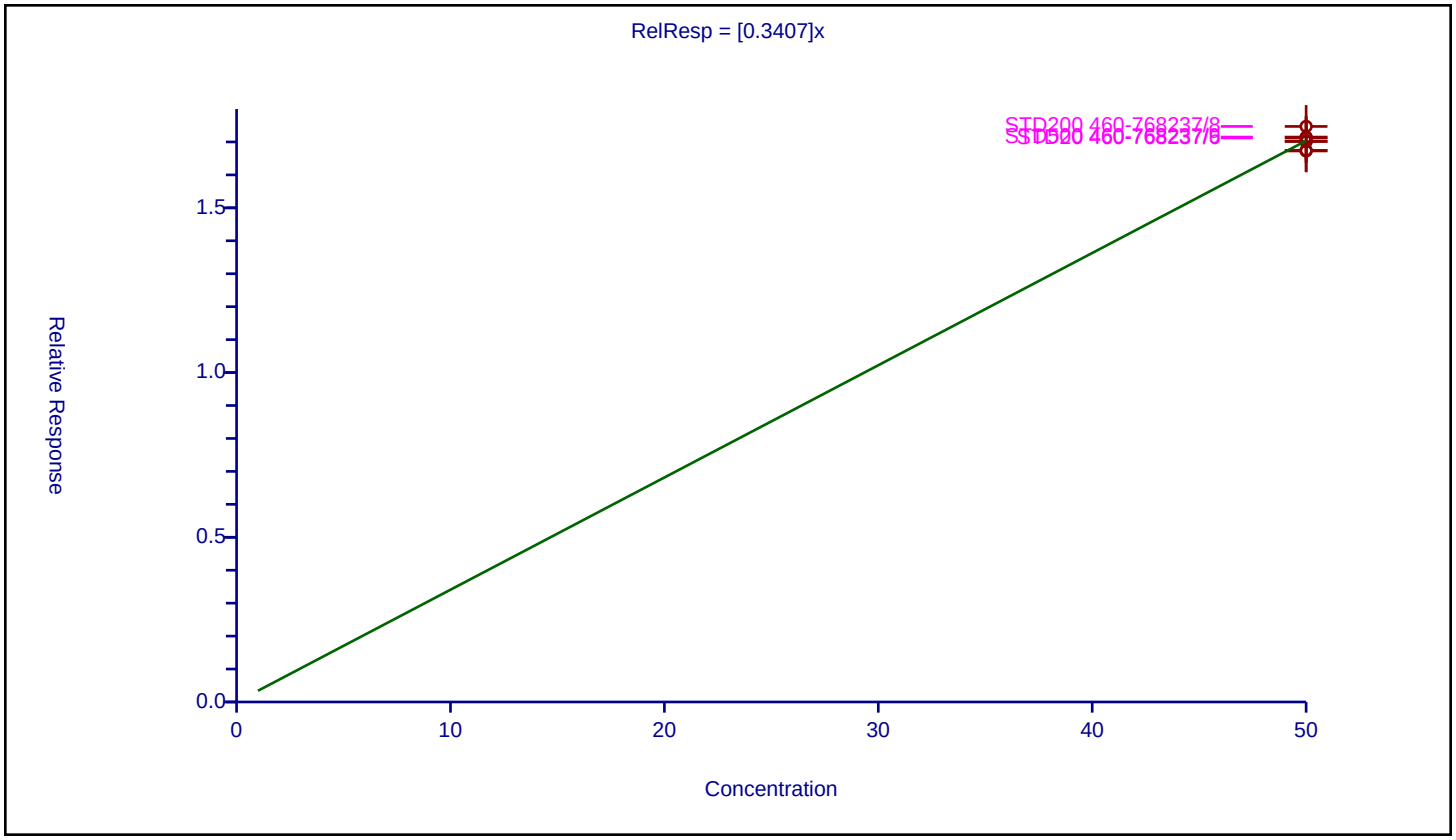
Curve Coefficients

Intercept:	0
Slope:	0.3407

Error Coefficients

Standard Error:	171000
Relative Standard Error:	1.5
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	50.0	17.02469	50.0	488050.0	0.340494	Y
2	STD5 460-768237/5	50.0	16.726306	50.0	456634.0	0.334526	Y
3	STD20 460-768237/6	50.0	17.122176	50.0	452936.0	0.342444	Y
4	STD50 460-768237/7	50.0	17.012852	50.0	449566.0	0.340257	Y
5	STD200 460-768237/8	50.0	17.471481	50.0	472407.0	0.34943	Y
6	STD500 460-768237/9	50.0	17.148802	50.0	500067.0	0.342976	Y
7	STD1 460-768237/21	50.0	16.744721	50.0	424062.0	0.334894	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

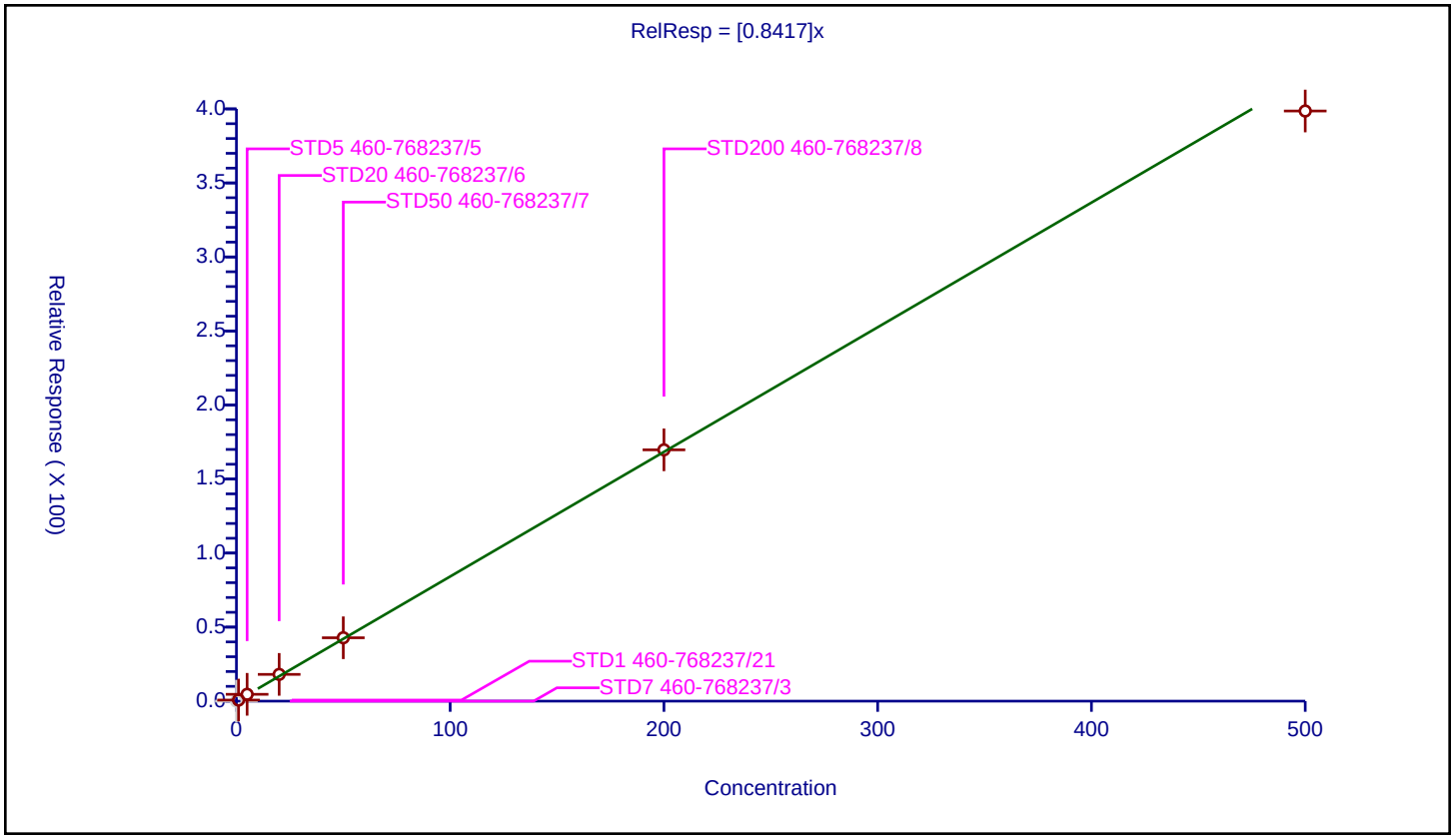
Curve Coefficients

Intercept:	0
Slope:	0.8417

Error Coefficients

Standard Error:	765000
Relative Standard Error:	8.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.720919	50.0	151612.0	0.720919	Y
3	STD5 460-768237/5	5.0	4.618969	50.0	166758.0	0.923794	Y
4	STD20 460-768237/6	20.0	18.075399	50.0	167562.0	0.90377	Y
5	STD50 460-768237/7	50.0	42.807944	50.0	178287.0	0.856159	Y
6	STD200 460-768237/8	200.0	169.725123	50.0	190303.0	0.848626	Y
7	STD500 460-768237/9	500.0	398.575913	50.0	197530.0	0.797152	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

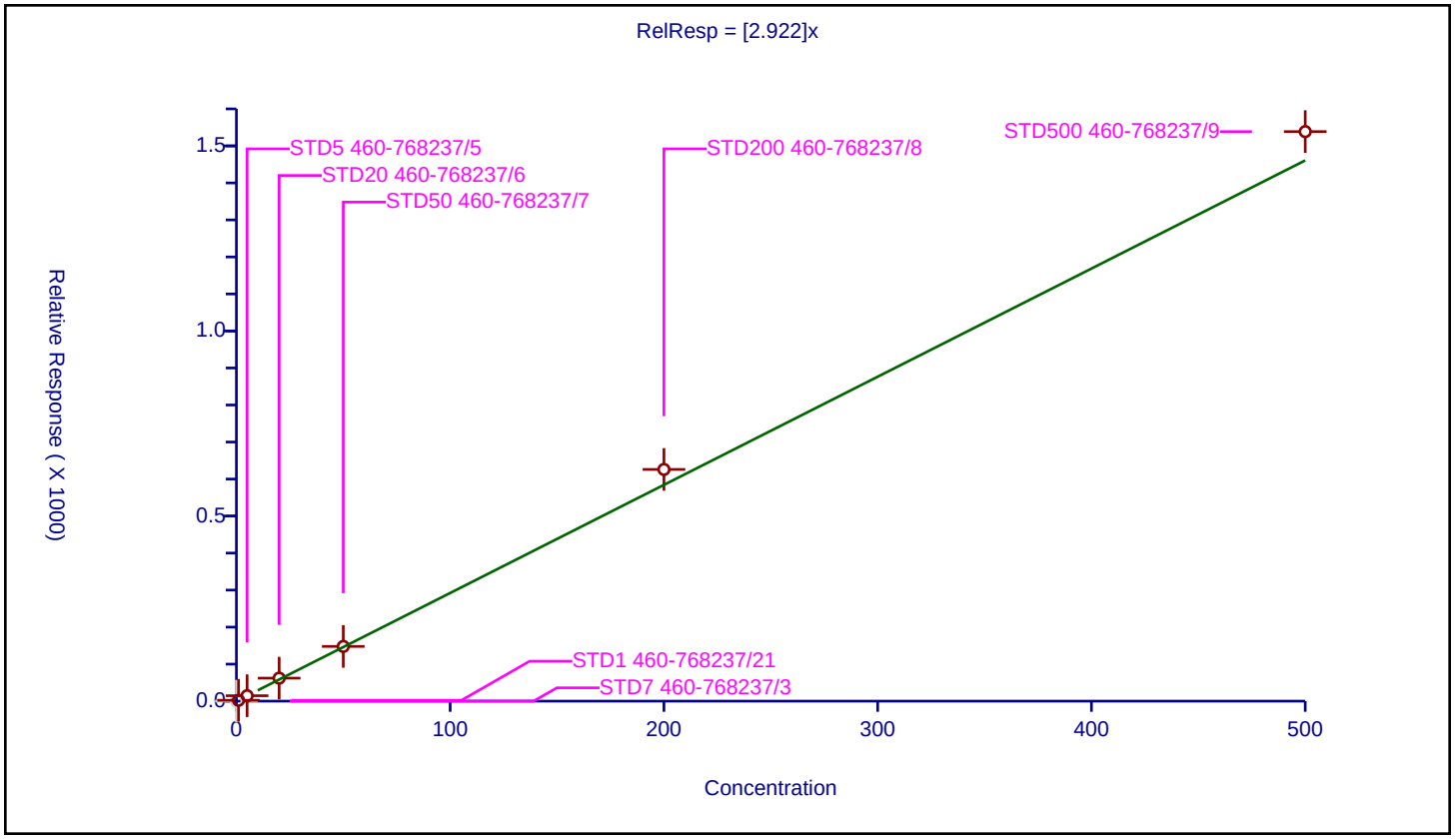
Curve Coefficients

Intercept:	0
Slope:	2.922

Error Coefficients

Standard Error:	2930000
Relative Standard Error:	10.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	2.335897	50.0	151612.0	2.335897	Y
3	STD5 460-768237/5	5.0	14.622087	50.0	166758.0	2.924417	Y
4	STD20 460-768237/6	20.0	62.096716	50.0	167562.0	3.104836	Y
5	STD50 460-768237/7	50.0	147.838036	50.0	178287.0	2.956761	Y
6	STD200 460-768237/8	200.0	625.985139	50.0	190303.0	3.129926	Y
7	STD500 460-768237/9	500.0	1538.589581	50.0	197530.0	3.077179	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

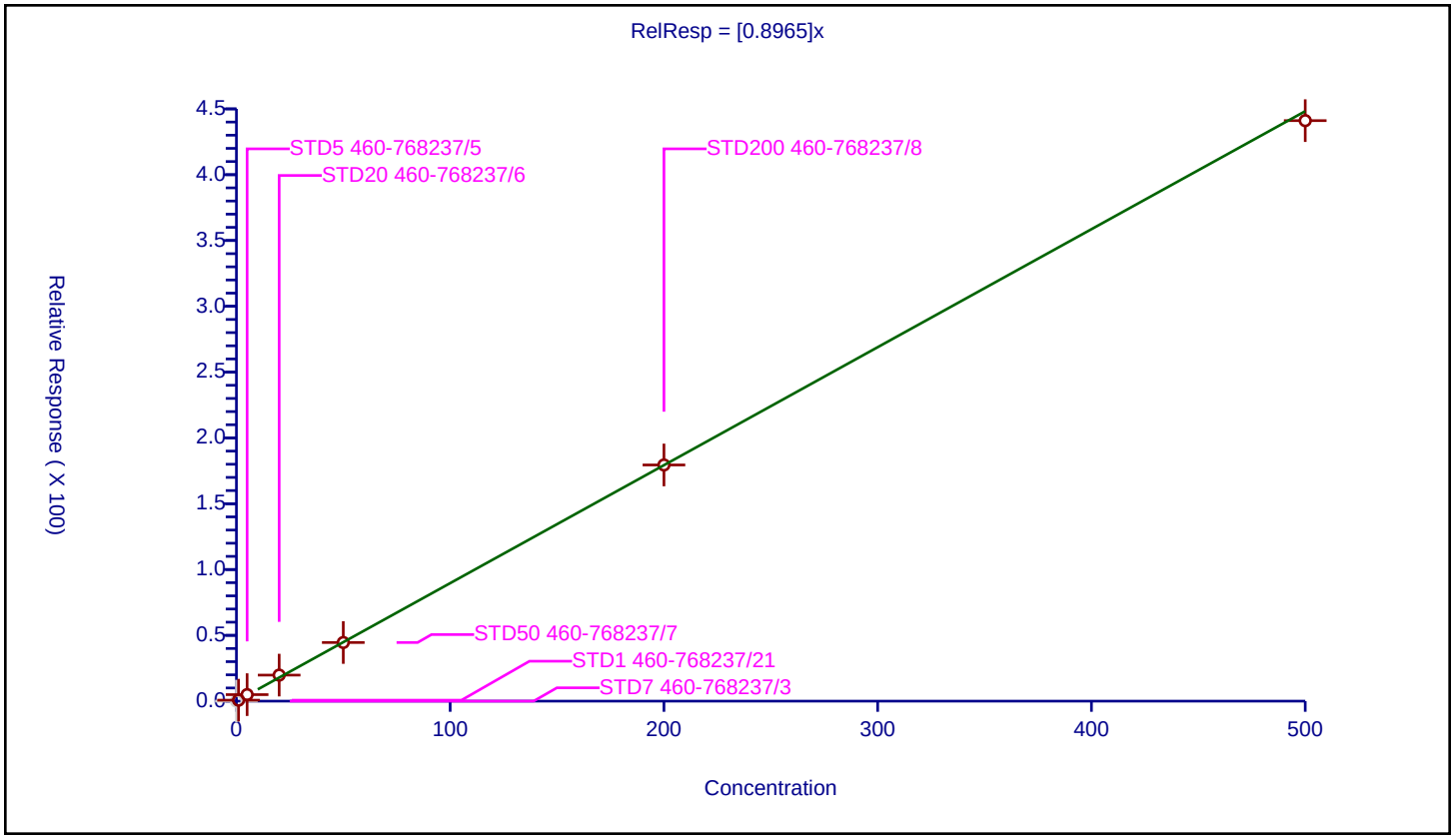
Curve Coefficients

Intercept:	0
Slope:	0.8965

Error Coefficients

Standard Error:	840000
Relative Standard Error:	10.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.729494	50.0	151612.0	0.729494	Y
3	STD5 460-768237/5	5.0	4.950587	50.0	166758.0	0.990117	Y
4	STD20 460-768237/6	20.0	19.772383	50.0	167562.0	0.988619	Y
5	STD50 460-768237/7	50.0	44.55681	50.0	178287.0	0.891136	Y
6	STD200 460-768237/8	200.0	179.443834	50.0	190303.0	0.897219	Y
7	STD500 460-768237/9	500.0	441.069205	50.0	197530.0	0.882138	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

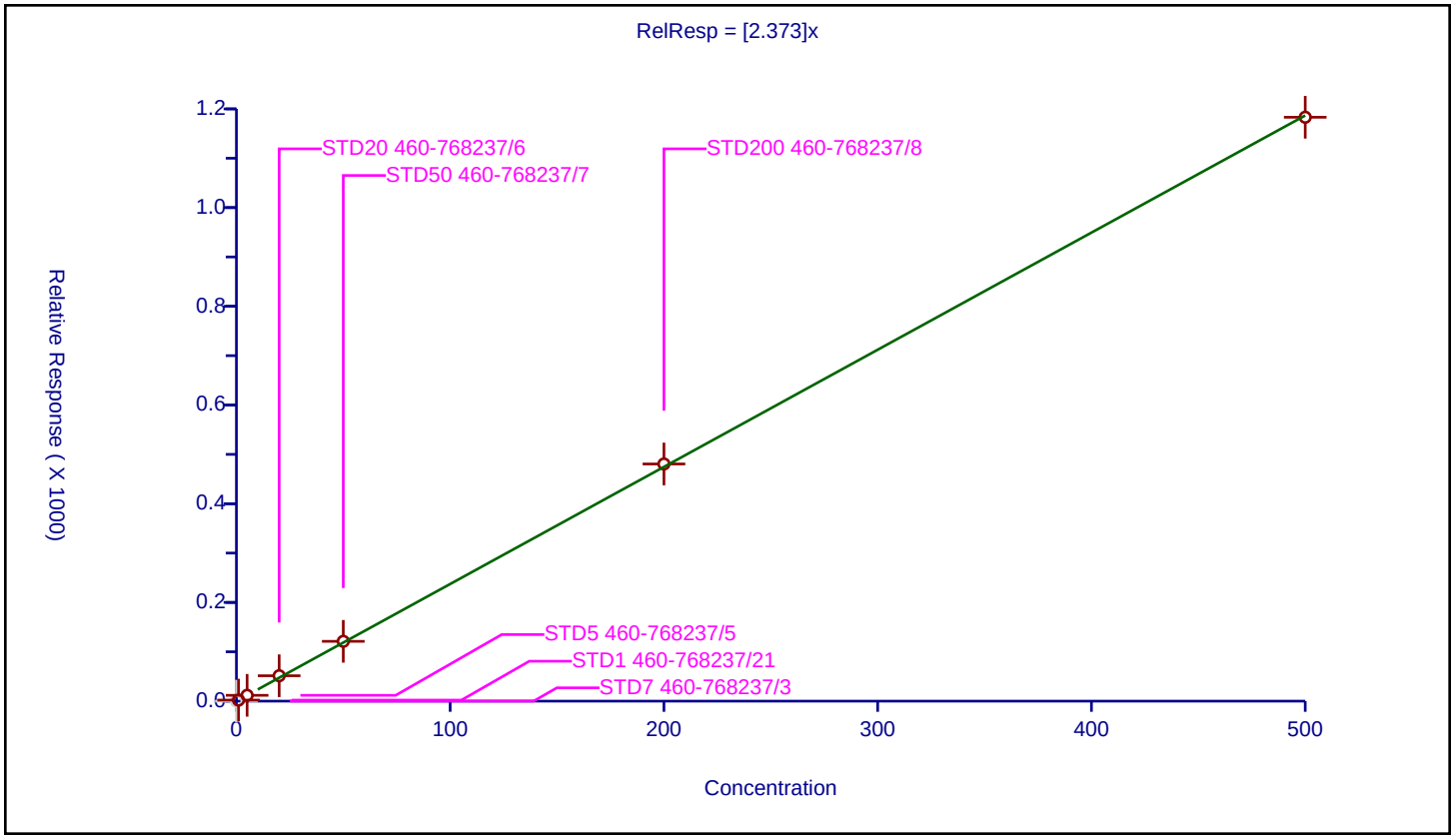
Curve Coefficients

Intercept:	0
Slope:	2.373

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	2.116257	50.0	151612.0	2.116257	Y
3	STD5 460-768237/5	5.0	11.78864	50.0	166758.0	2.357728	Y
4	STD20 460-768237/6	20.0	51.462742	50.0	167562.0	2.573137	Y
5	STD50 460-768237/7	50.0	121.185224	50.0	178287.0	2.423704	Y
6	STD200 460-768237/8	200.0	480.551016	50.0	190303.0	2.402755	Y
7	STD500 460-768237/9	500.0	1183.061307	50.0	197530.0	2.366123	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

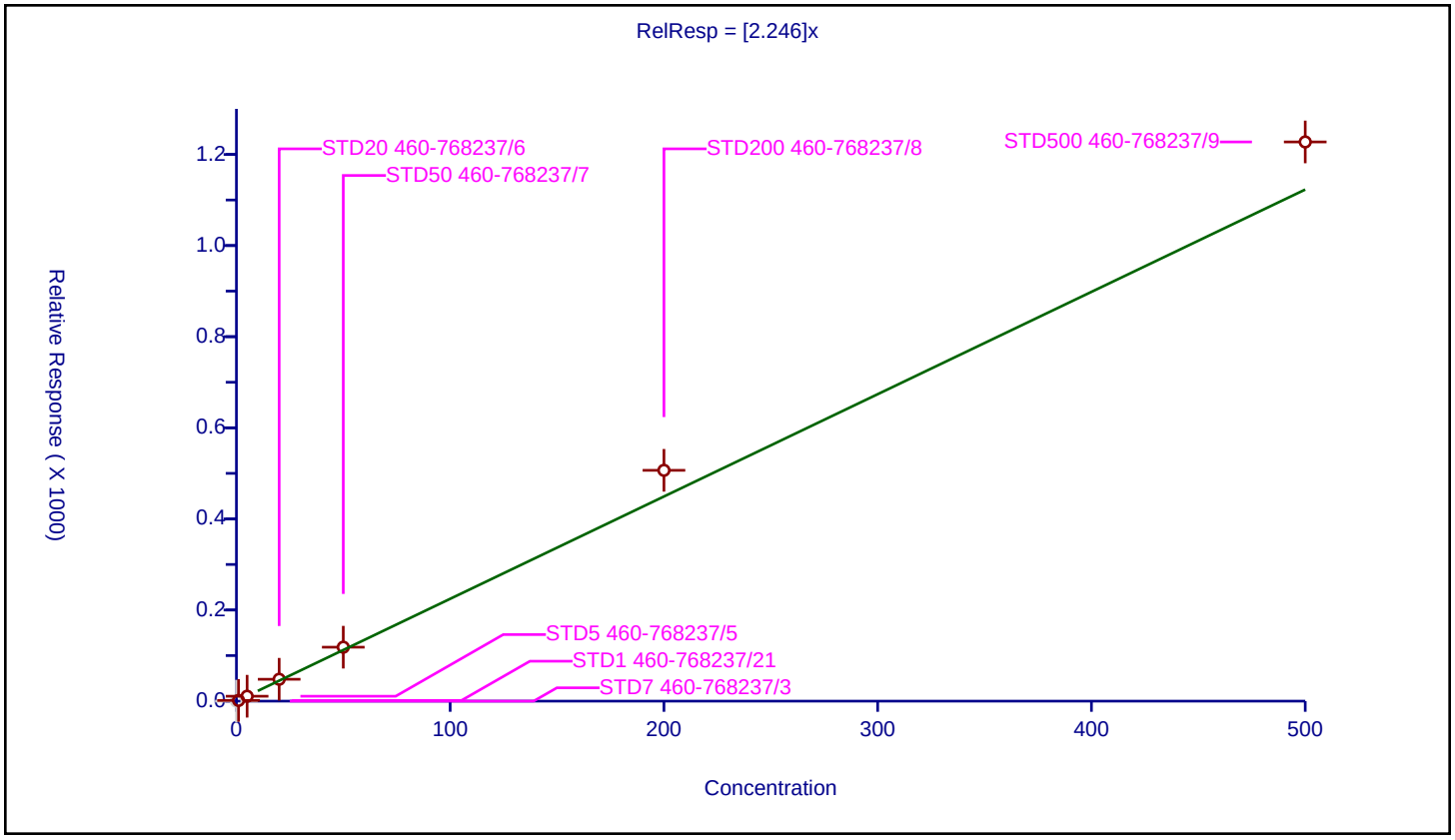
Curve Coefficients

Intercept:	0
Slope:	2.246

Error Coefficients

Standard Error:	2340000
Relative Standard Error:	16.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	1.559903	50.0	151612.0	1.559903	Y
3	STD5 460-768237/5	5.0	10.794085	50.0	166758.0	2.158817	Y
4	STD20 460-768237/6	20.0	48.00999	50.0	167562.0	2.4005	Y
5	STD50 460-768237/7	50.0	118.394779	50.0	178287.0	2.367896	Y
6	STD200 460-768237/8	200.0	506.657541	50.0	190303.0	2.533288	Y
7	STD500 460-768237/9	500.0	1227.448489	50.0	197530.0	2.454897	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

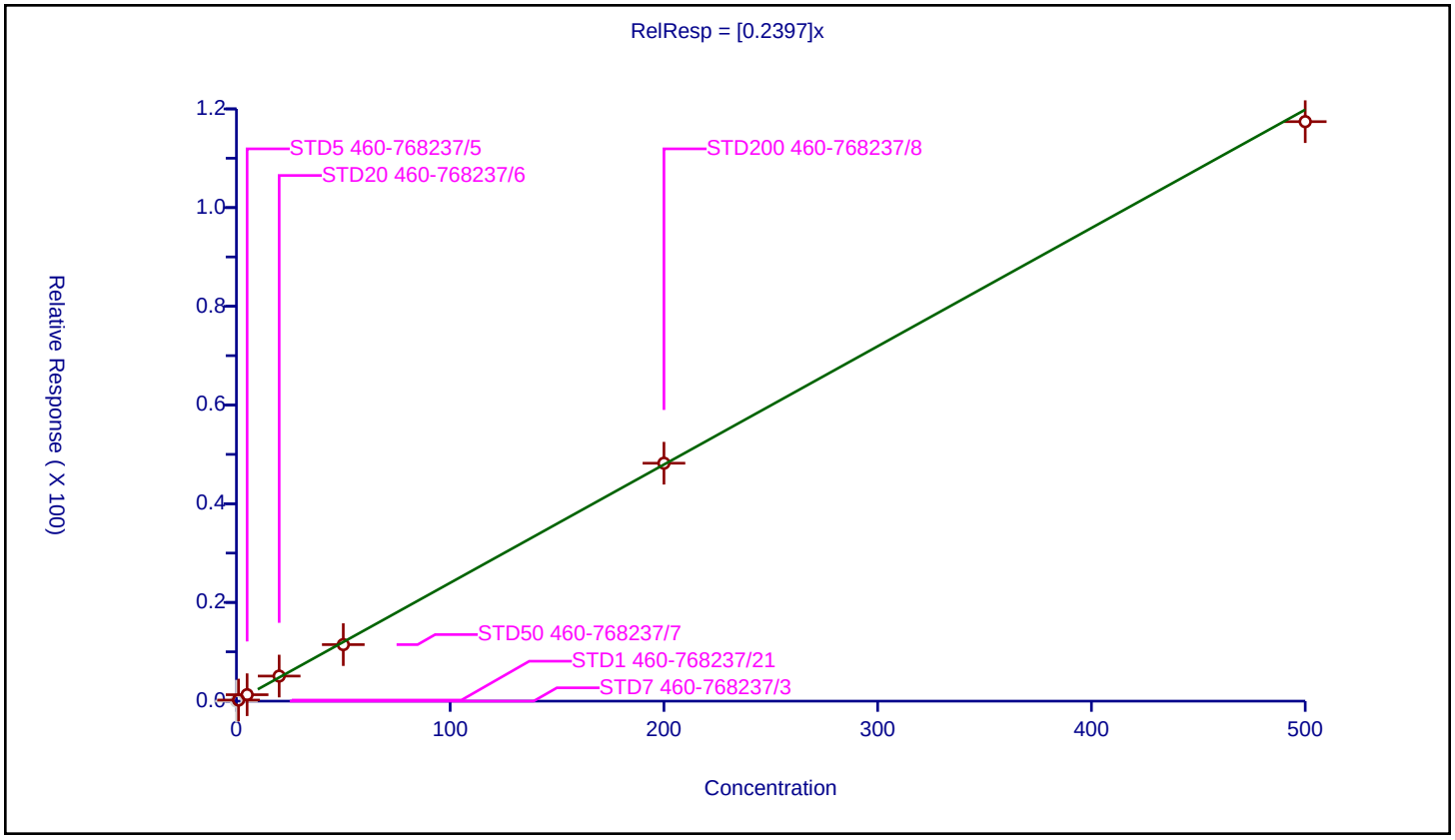
Curve Coefficients

Intercept:	0
Slope:	0.2397

Error Coefficients

Standard Error:	224000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.21832	50.0	151612.0	0.21832	Y
3	STD5 460-768237/5	5.0	1.304285	50.0	166758.0	0.260857	Y
4	STD20 460-768237/6	20.0	5.079314	50.0	167562.0	0.253966	Y
5	STD50 460-768237/7	50.0	11.45148	50.0	178287.0	0.22903	Y
6	STD200 460-768237/8	200.0	48.211799	50.0	190303.0	0.241059	Y
7	STD500 460-768237/9	500.0	117.417354	50.0	197530.0	0.234835	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

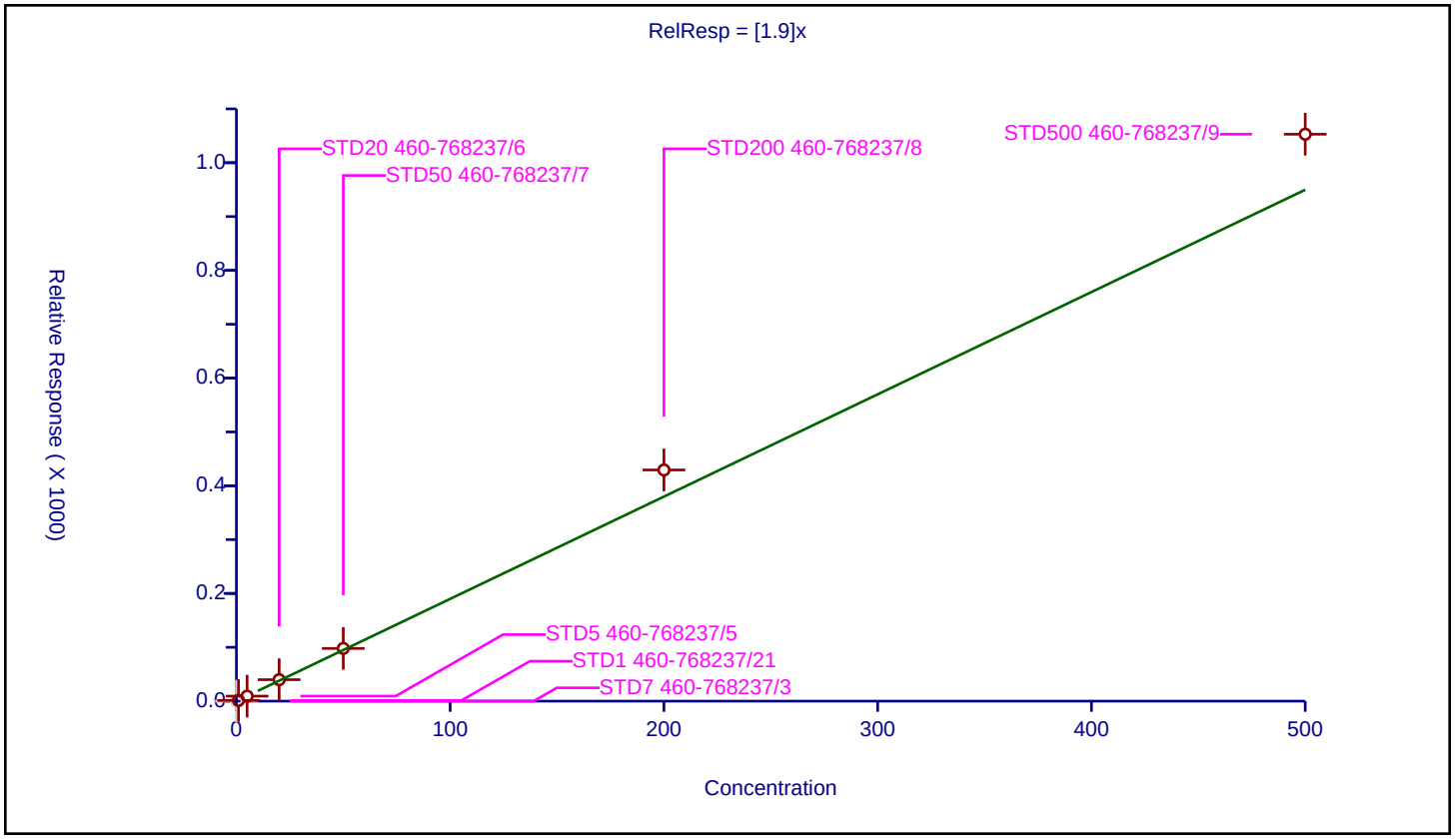
Curve Coefficients

Intercept:	0
Slope:	1.9

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	15.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	1.331029	50.0	151612.0	1.331029	Y
3	STD5 460-768237/5	5.0	9.319193	50.0	166758.0	1.863839	Y
4	STD20 460-768237/6	20.0	39.835106	50.0	167562.0	1.991755	Y
5	STD50 460-768237/7	50.0	97.900015	50.0	178287.0	1.958	Y
6	STD200 460-768237/8	200.0	429.369479	50.0	190303.0	2.146847	Y
7	STD500 460-768237/9	500.0	1052.962588	50.0	197530.0	2.105925	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

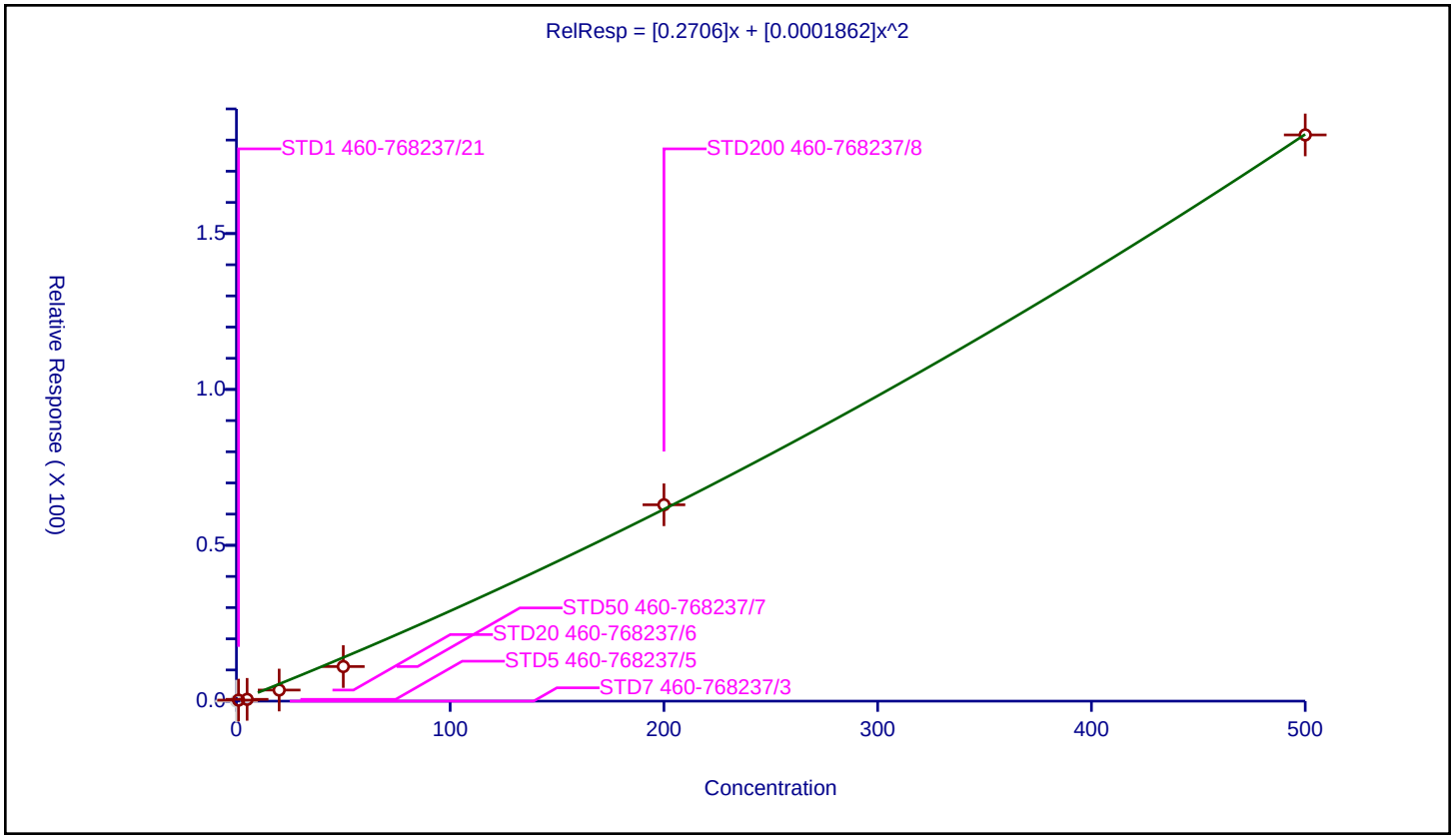
Curve Coefficients

Intercept:	0
Slope:	0.2706
Second Order:	0.0001862

Error Coefficients

Standard Error:	379000
Relative Standard Error:	36.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.332757	50.0	151612.0	0.332757	Y
3	STD5 460-768237/5	5.0	0.580182	50.0	166758.0	0.116036	Y
4	STD20 460-768237/6	20.0	3.557788	50.0	167562.0	0.177889	Y
5	STD50 460-768237/7	50.0	11.098678	50.0	178287.0	0.221974	Y
6	STD200 460-768237/8	200.0	62.997693	50.0	190303.0	0.314988	Y
7	STD500 460-768237/9	500.0	181.653926	50.0	197530.0	0.363308	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

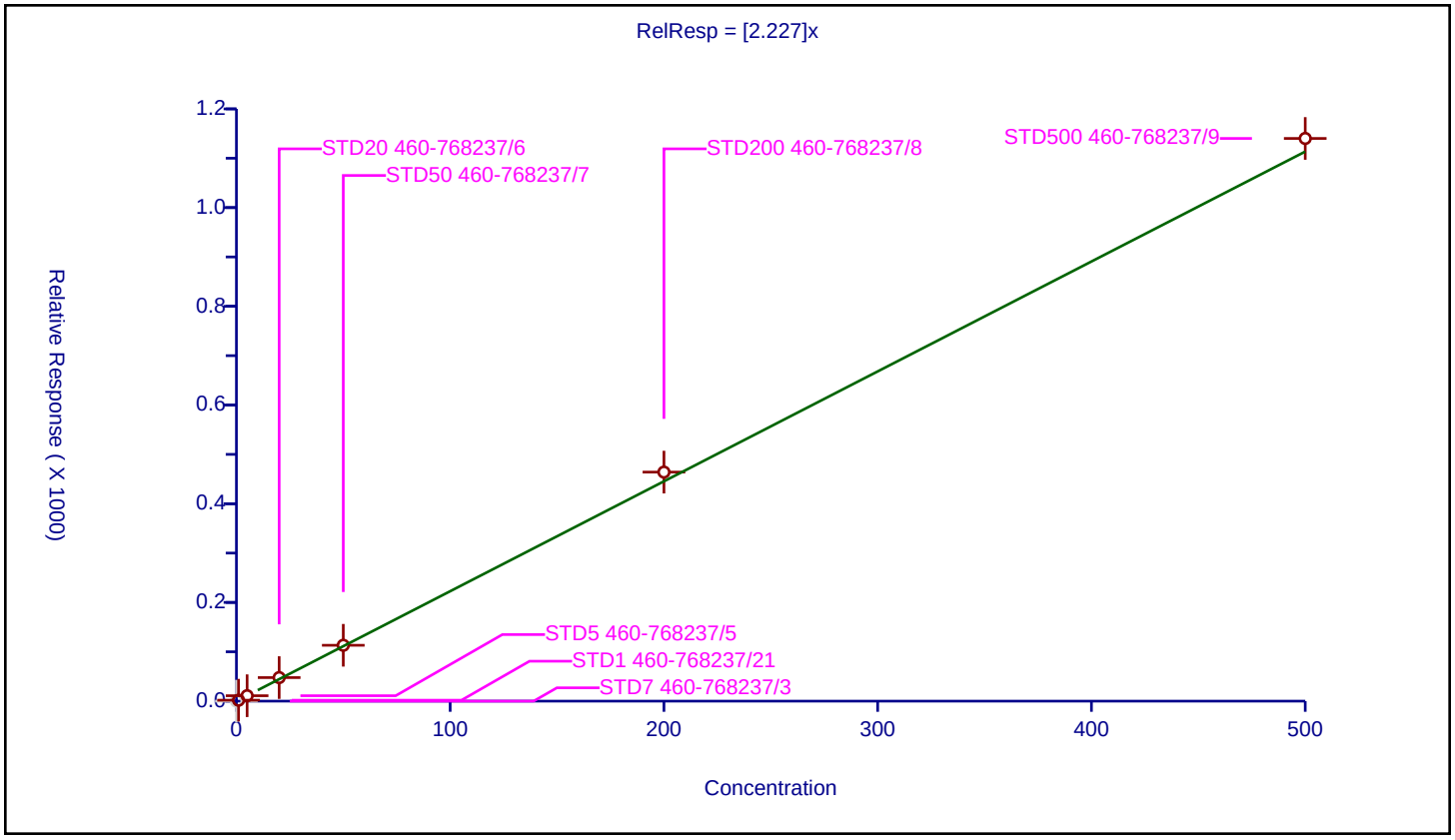
Curve Coefficients

Intercept:	0
Slope:	2.227

Error Coefficients

Standard Error:	2170000
Relative Standard Error:	7.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	1.910799	50.0	151612.0	1.910799	Y
3	STD5 460-768237/5	5.0	11.00397	50.0	166758.0	2.200794	Y
4	STD20 460-768237/6	20.0	47.711295	50.0	167562.0	2.385565	Y
5	STD50 460-768237/7	50.0	113.189128	50.0	178287.0	2.263783	Y
6	STD200 460-768237/8	200.0	464.083856	50.0	190303.0	2.320419	Y
7	STD500 460-768237/9	500.0	1140.093404	50.0	197530.0	2.280187	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

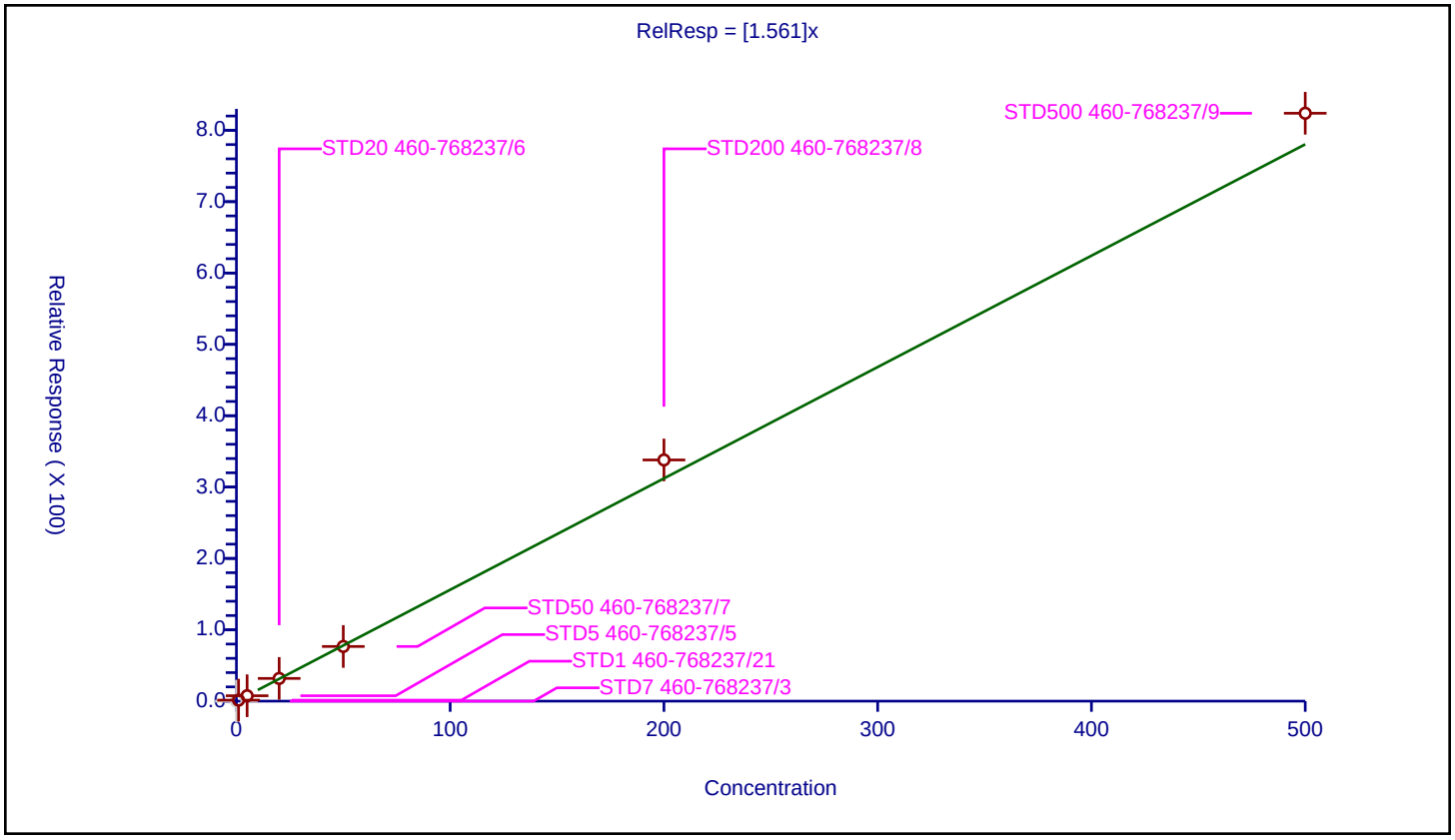
Curve Coefficients

Intercept:	0
Slope:	1.561

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	1.391051	50.0	151612.0	1.391051	Y
3	STD5 460-768237/5	5.0	7.559757	50.0	166758.0	1.511951	Y
4	STD20 460-768237/6	20.0	31.817178	50.0	167562.0	1.590859	Y
5	STD50 460-768237/7	50.0	76.616635	50.0	178287.0	1.532333	Y
6	STD200 460-768237/8	200.0	338.021471	50.0	190303.0	1.690107	Y
7	STD500 460-768237/9	500.0	823.881689	50.0	197530.0	1.647763	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

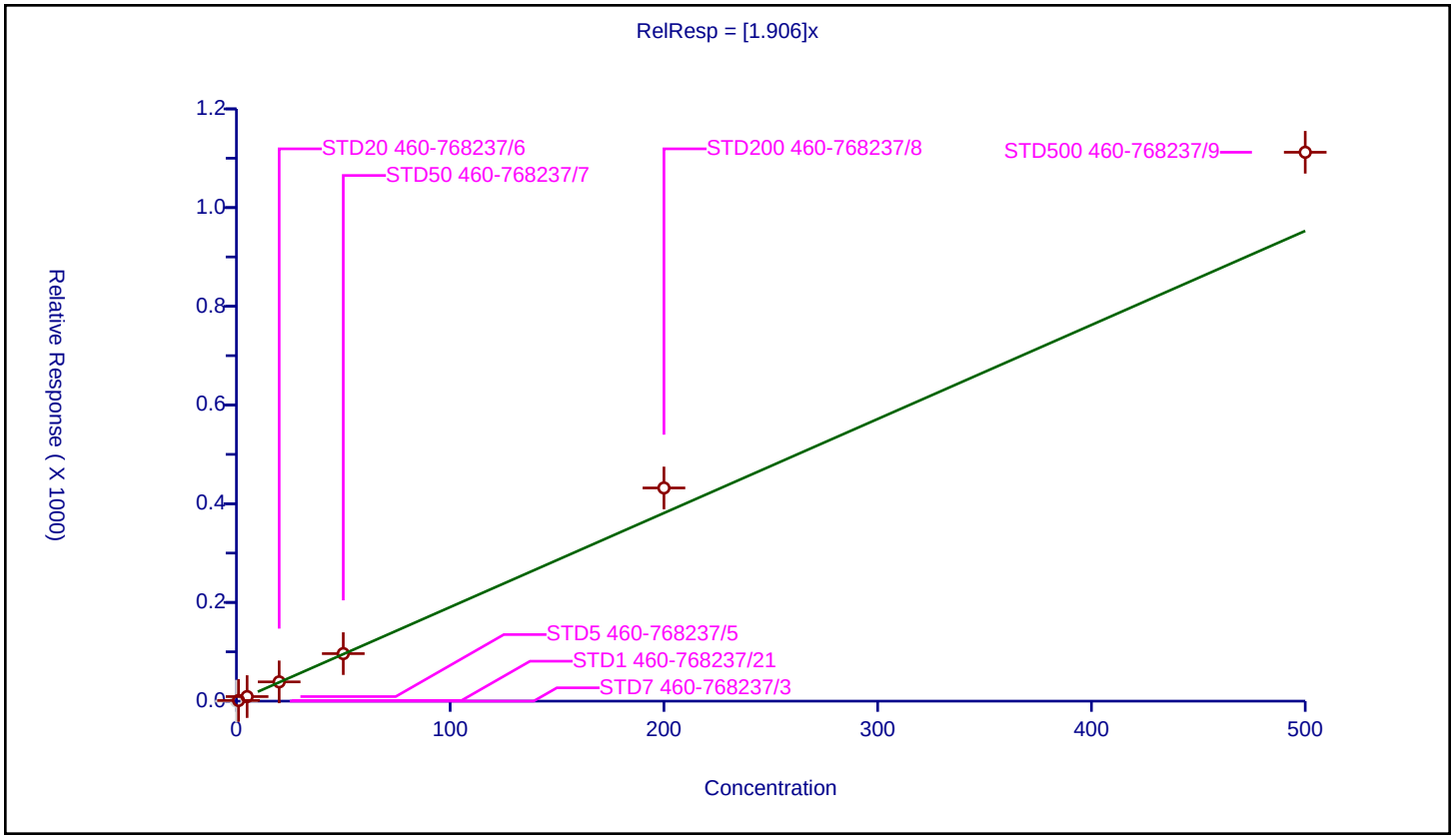
Curve Coefficients

Intercept:	0
Slope:	1.906

Error Coefficients

Standard Error:	2100000
Relative Standard Error:	16.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	1.317838	50.0	151612.0	1.317838	Y
3	STD5 460-768237/5	5.0	9.264623	50.0	166758.0	1.852925	Y
4	STD20 460-768237/6	20.0	39.05062	50.0	167562.0	1.952531	Y
5	STD50 460-768237/7	50.0	96.310443	50.0	178287.0	1.926209	Y
6	STD200 460-768237/8	200.0	431.988723	50.0	190303.0	2.159944	Y
7	STD500 460-768237/9	500.0	1112.109806	50.0	197530.0	2.22422	Y



Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

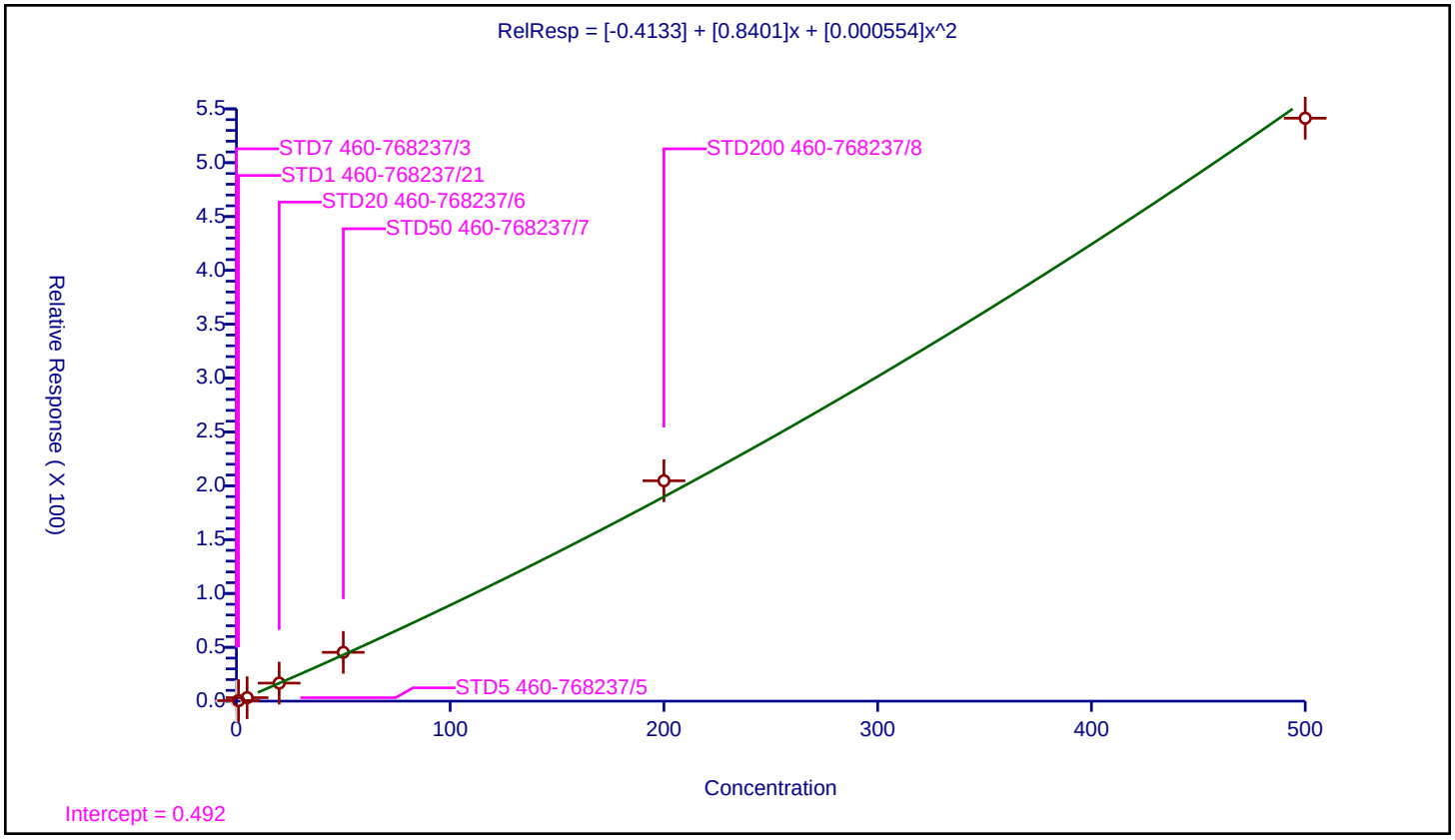
Curve Coefficients

Intercept:	-0.4133
Slope:	0.8401
Second Order:	0.000554

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	9.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.449173	50.0	151612.0	0.449173	Y
3	STD5 460-768237/5	5.0	3.215438	50.0	166758.0	0.643088	Y
4	STD20 460-768237/6	20.0	16.766331	50.0	167562.0	0.838317	Y
5	STD50 460-768237/7	50.0	45.319906	50.0	178287.0	0.906398	Y
6	STD200 460-768237/8	200.0	204.651004	50.0	190303.0	1.023255	Y
7	STD500 460-768237/9	500.0	541.34815	50.0	197530.0	1.082696	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

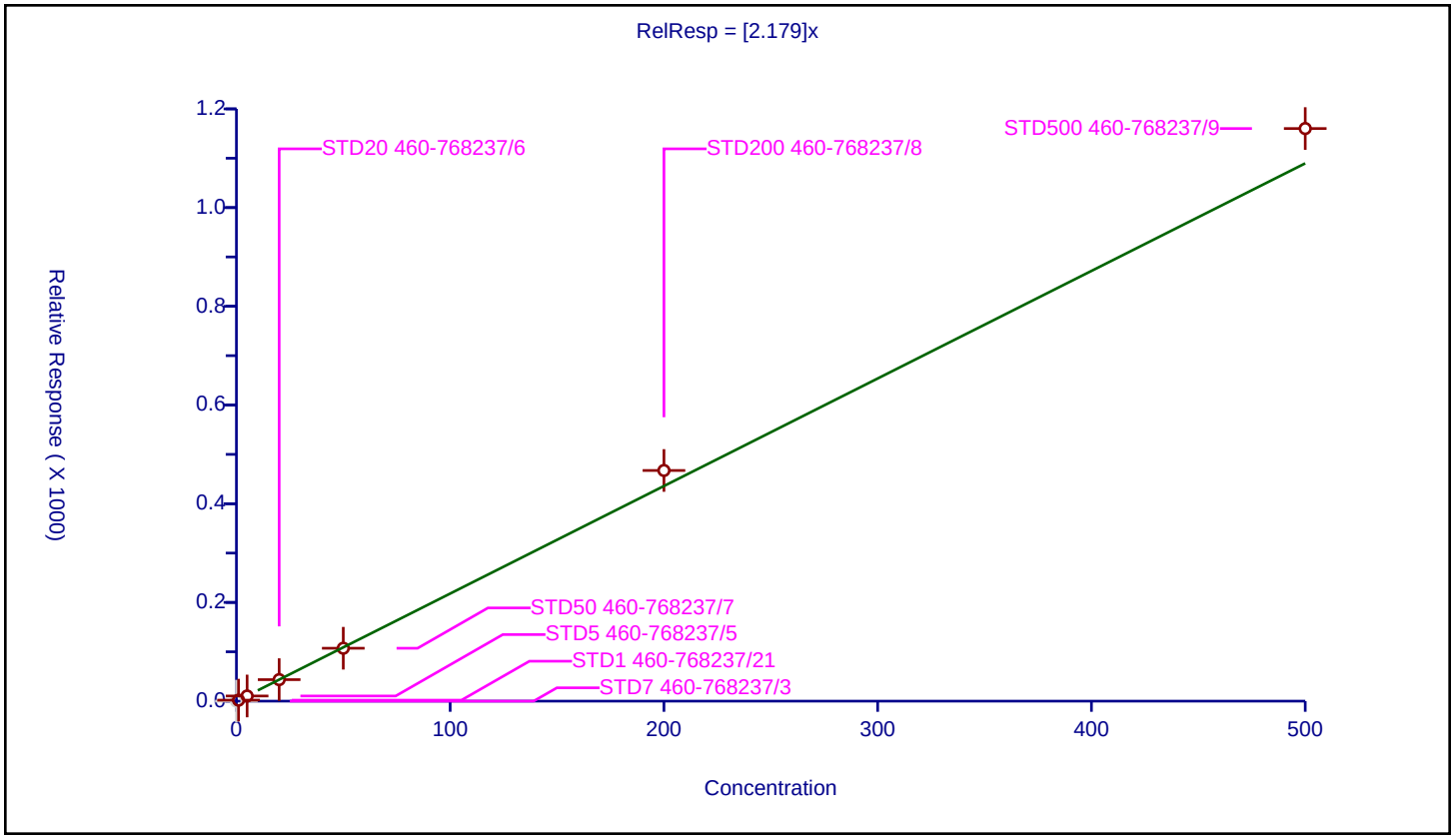
Curve Coefficients

Intercept:	0
Slope:	2.179

Error Coefficients

Standard Error:	2210000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	2.00215	50.0	151612.0	2.00215	Y
3	STD5 460-768237/5	5.0	10.462467	50.0	166758.0	2.092493	Y
4	STD20 460-768237/6	20.0	43.597892	50.0	167562.0	2.179895	Y
5	STD50 460-768237/7	50.0	107.188971	50.0	178287.0	2.143779	Y
6	STD200 460-768237/8	200.0	467.368092	50.0	190303.0	2.33684	Y
7	STD500 460-768237/9	500.0	1160.165544	50.0	197530.0	2.320331	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

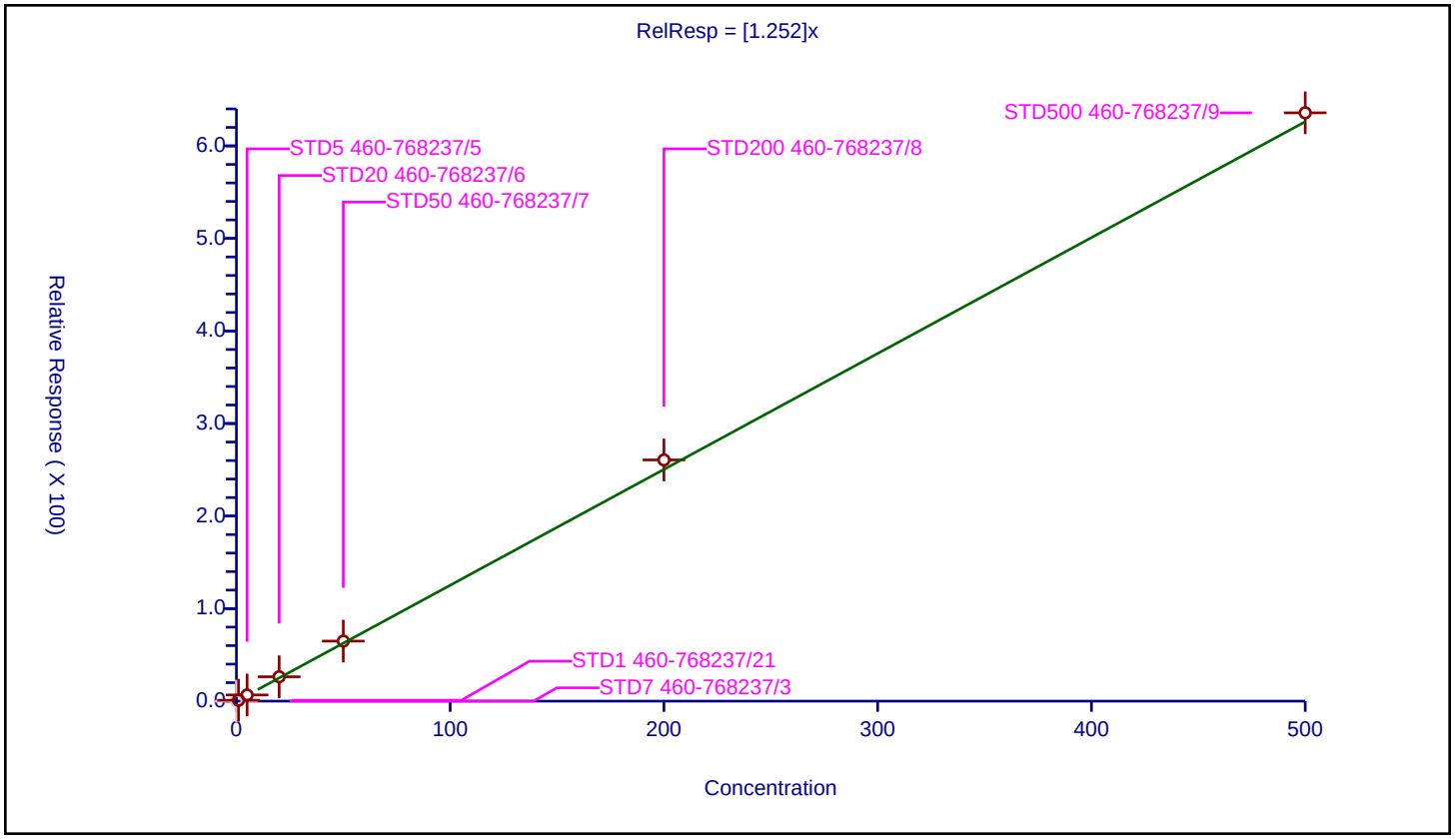
Curve Coefficients

Intercept:	0
Slope:	1.252

Error Coefficients

Standard Error:	1210000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.987719	50.0	151612.0	0.987719	Y
3	STD5 460-768237/5	5.0	6.680639	50.0	166758.0	1.336128	Y
4	STD20 460-768237/6	20.0	26.344577	50.0	167562.0	1.317229	Y
5	STD50 460-768237/7	50.0	64.886391	50.0	178287.0	1.297728	Y
6	STD200 460-768237/8	200.0	260.650909	50.0	190303.0	1.303255	Y
7	STD500 460-768237/9	500.0	635.742672	50.0	197530.0	1.271485	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

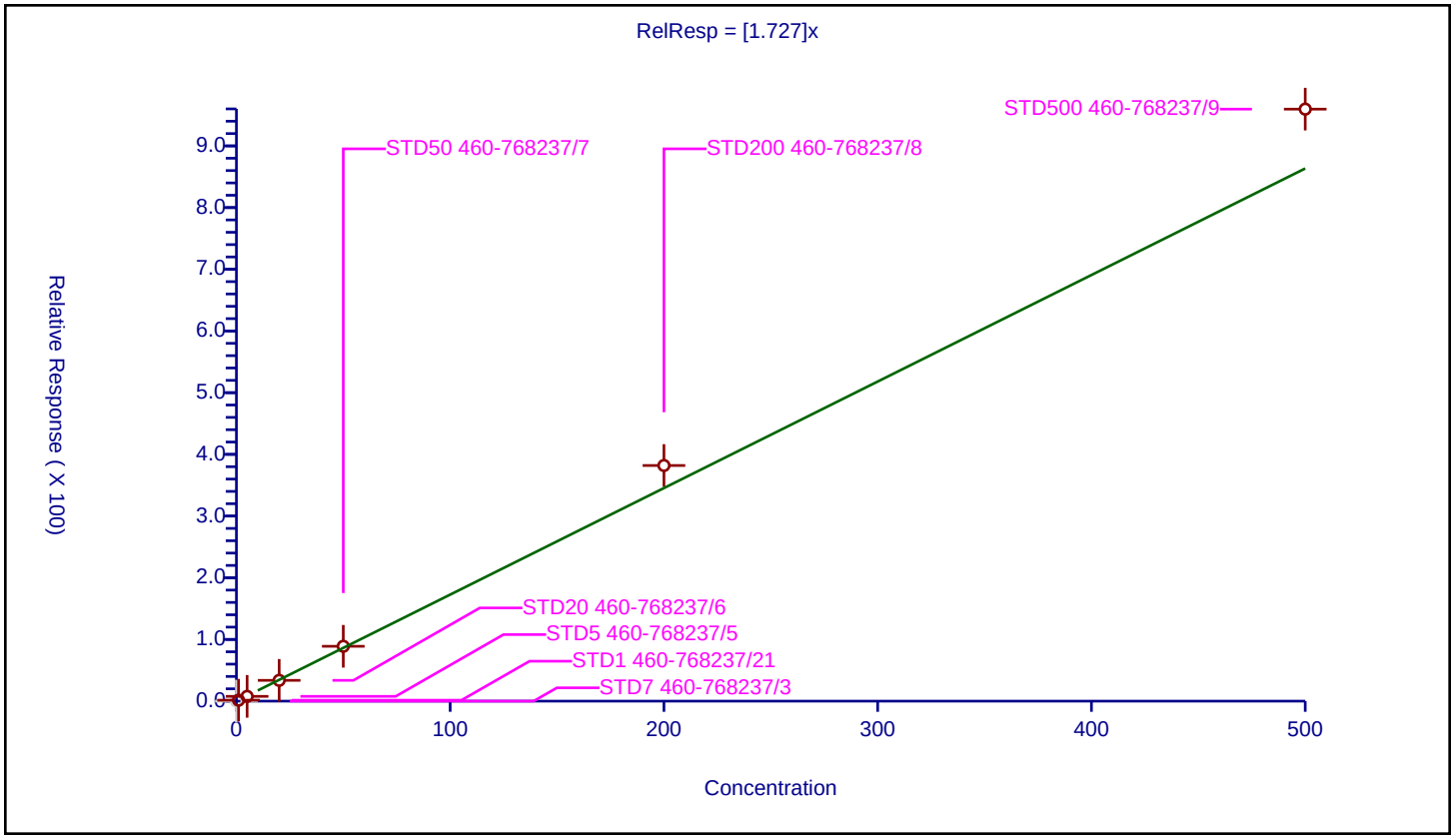
Curve Coefficients

Intercept:	0
Slope:	1.727

Error Coefficients

Standard Error:	1820000
Relative Standard Error:	10.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	1.521647	50.0	151612.0	1.521647	Y
3	STD5 460-768237/5	5.0	7.736061	50.0	166758.0	1.547212	Y
4	STD20 460-768237/6	20.0	33.70066	50.0	167562.0	1.685033	Y
5	STD50 460-768237/7	50.0	88.921234	50.0	178287.0	1.778425	Y
6	STD200 460-768237/8	200.0	381.961924	50.0	190303.0	1.90981	Y
7	STD500 460-768237/9	500.0	959.601326	50.0	197530.0	1.919203	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

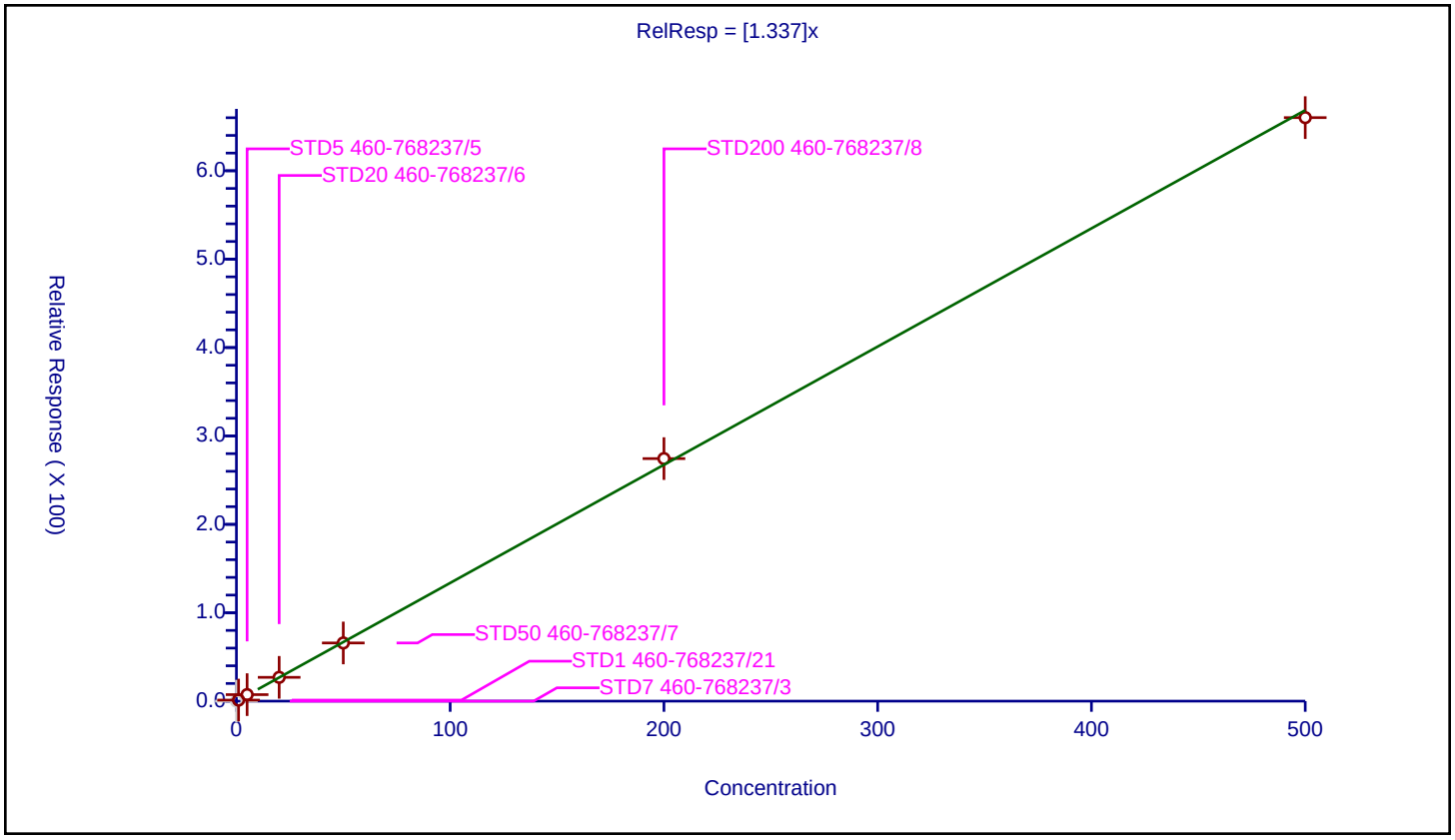
Curve Coefficients

Intercept:	0
Slope:	1.337

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	1.192188	50.0	151612.0	1.192188	Y
3	STD5 460-768237/5	5.0	7.375058	50.0	166758.0	1.475012	Y
4	STD20 460-768237/6	20.0	26.928838	50.0	167562.0	1.346442	Y
5	STD50 460-768237/7	50.0	65.805695	50.0	178287.0	1.316114	Y
6	STD200 460-768237/8	200.0	274.386899	50.0	190303.0	1.371934	Y
7	STD500 460-768237/9	500.0	660.12631	50.0	197530.0	1.320253	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

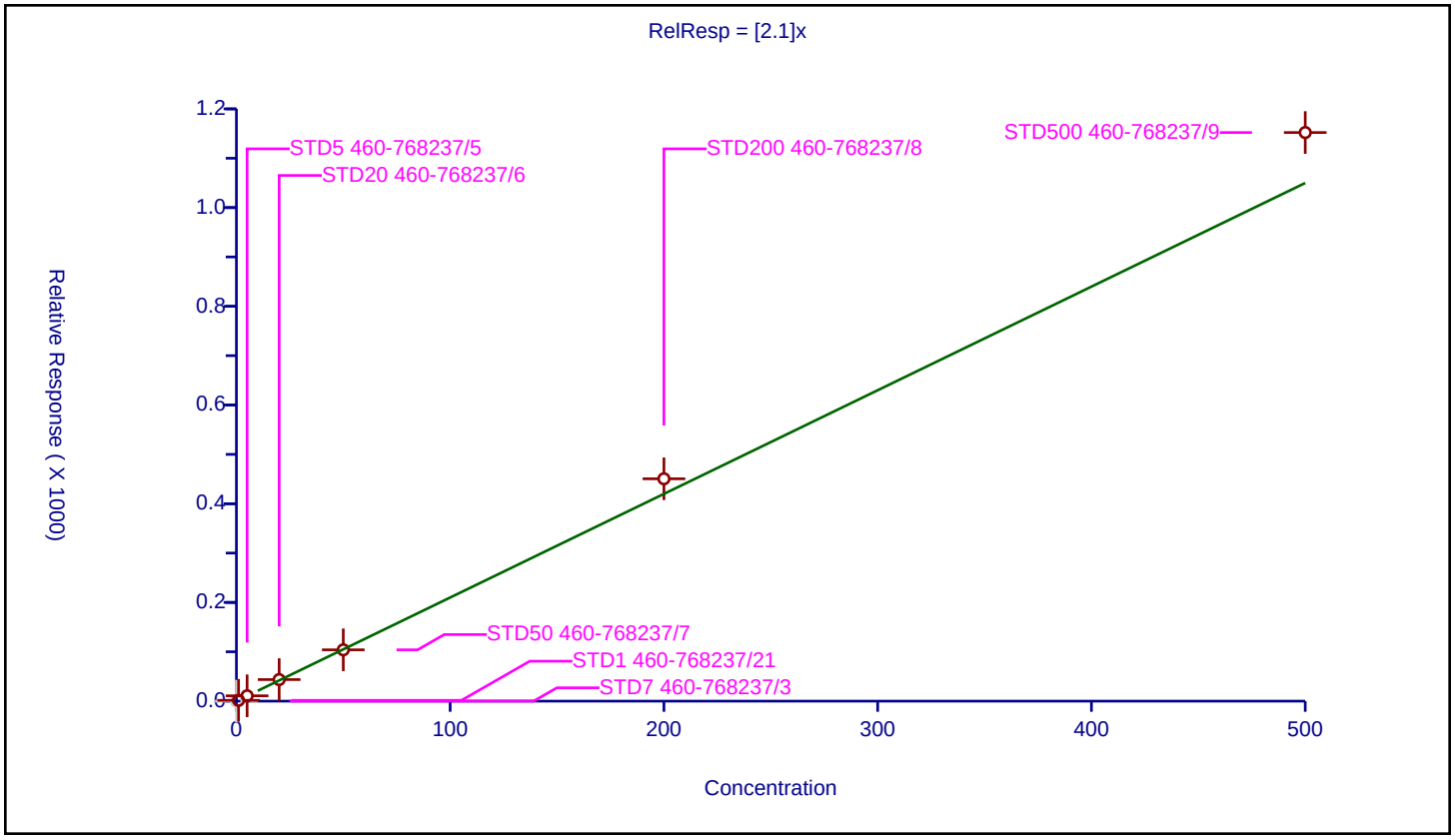
Curve Coefficients

Intercept:	0
Slope:	2.1

Error Coefficients

Standard Error:	2180000
Relative Standard Error:	11.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	1.618935	50.0	151612.0	1.618935	Y
3	STD5 460-768237/5	5.0	10.797083	50.0	166758.0	2.159417	Y
4	STD20 460-768237/6	20.0	43.663539	50.0	167562.0	2.183177	Y
5	STD50 460-768237/7	50.0	103.9801	50.0	178287.0	2.079602	Y
6	STD200 460-768237/8	200.0	450.547285	50.0	190303.0	2.252736	Y
7	STD500 460-768237/9	500.0	1152.055637	50.0	197530.0	2.304111	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

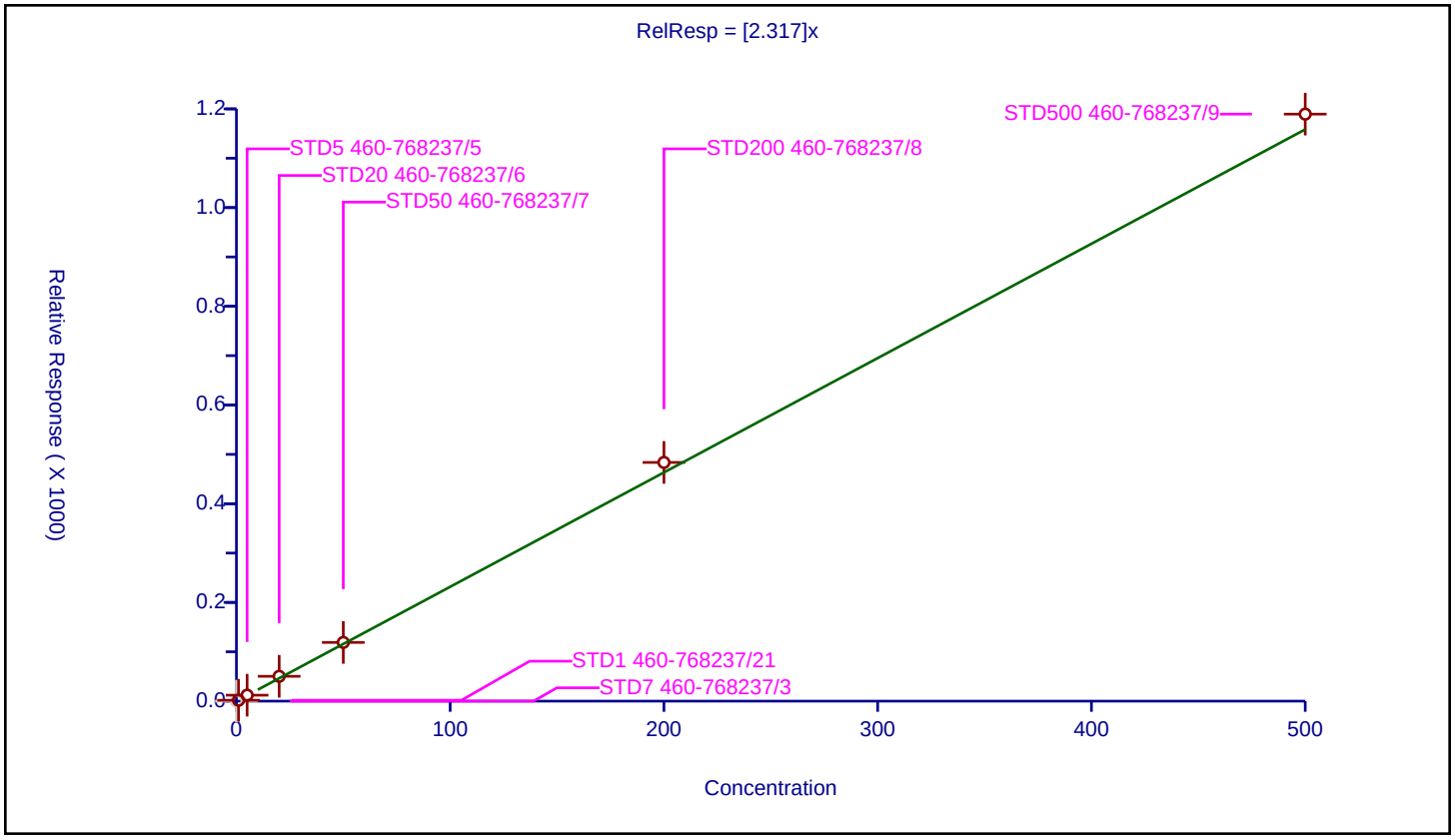
Curve Coefficients

Intercept:	0
Slope:	2.317

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	11.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	1.791745	50.0	151612.0	1.791745	Y
3	STD5 460-768237/5	5.0	12.085177	50.0	166758.0	2.417035	Y
4	STD20 460-768237/6	20.0	50.317196	50.0	167562.0	2.51586	Y
5	STD50 460-768237/7	50.0	118.952868	50.0	178287.0	2.379057	Y
6	STD200 460-768237/8	200.0	483.649496	50.0	190303.0	2.418247	Y
7	STD500 460-768237/9	500.0	1189.420341	50.0	197530.0	2.378841	Y



Calibration / Benzyl chloride

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

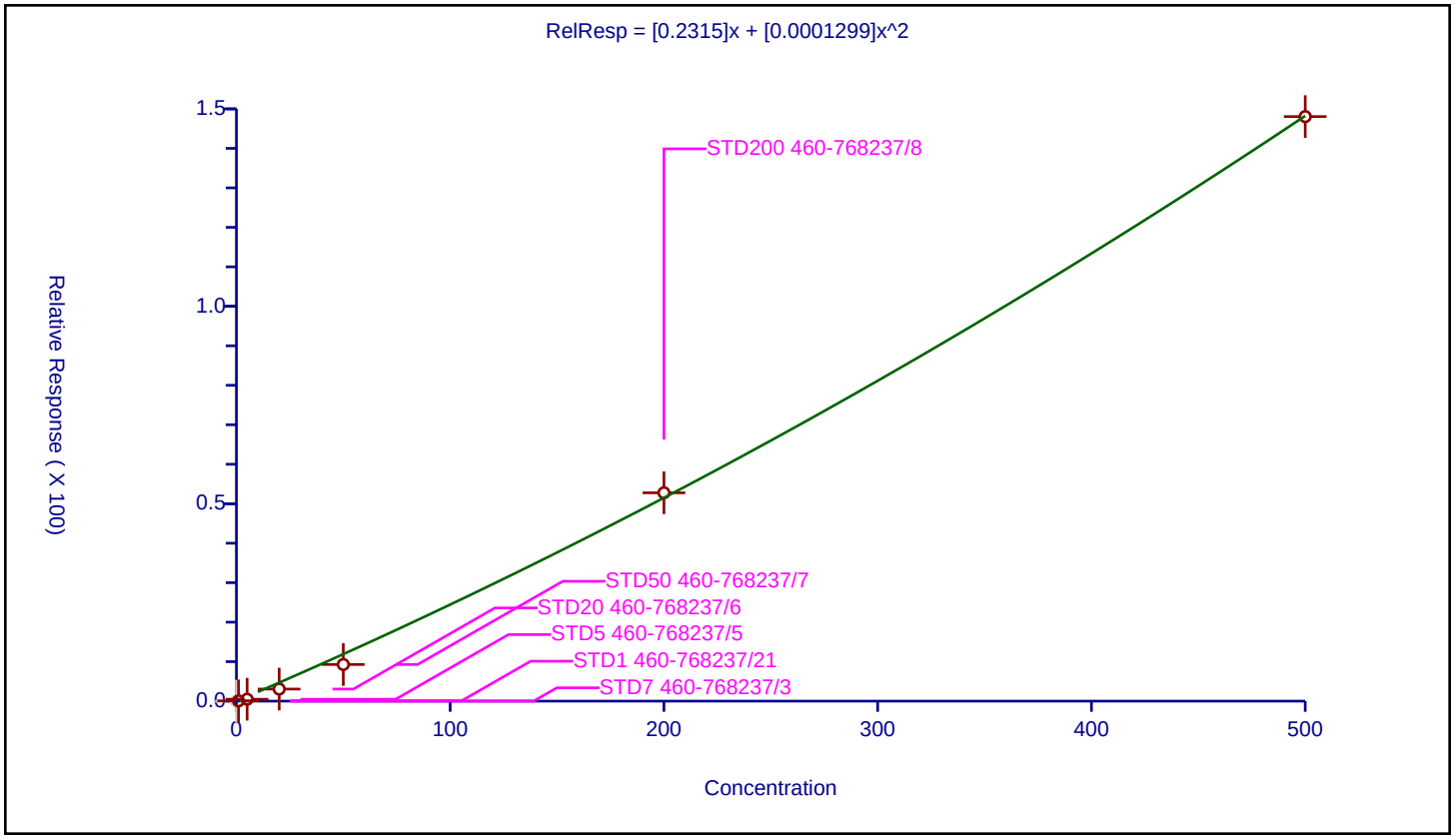
Curve Coefficients

Intercept:	0
Slope:	0.2315
Second Order:	0.0001299

Error Coefficients

Standard Error:	310000
Relative Standard Error:	50.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.065628	50.0	151612.0	0.065628	Y
3	STD5 460-768237/5	5.0	0.484235	50.0	166758.0	0.096847	Y
4	STD20 460-768237/6	20.0	3.061255	50.0	167562.0	0.153063	Y
5	STD50 460-768237/7	50.0	9.276616	50.0	178287.0	0.185532	Y
6	STD200 460-768237/8	200.0	52.767954	50.0	190303.0	0.26384	Y
7	STD500 460-768237/9	500.0	148.053207	50.0	197530.0	0.296106	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

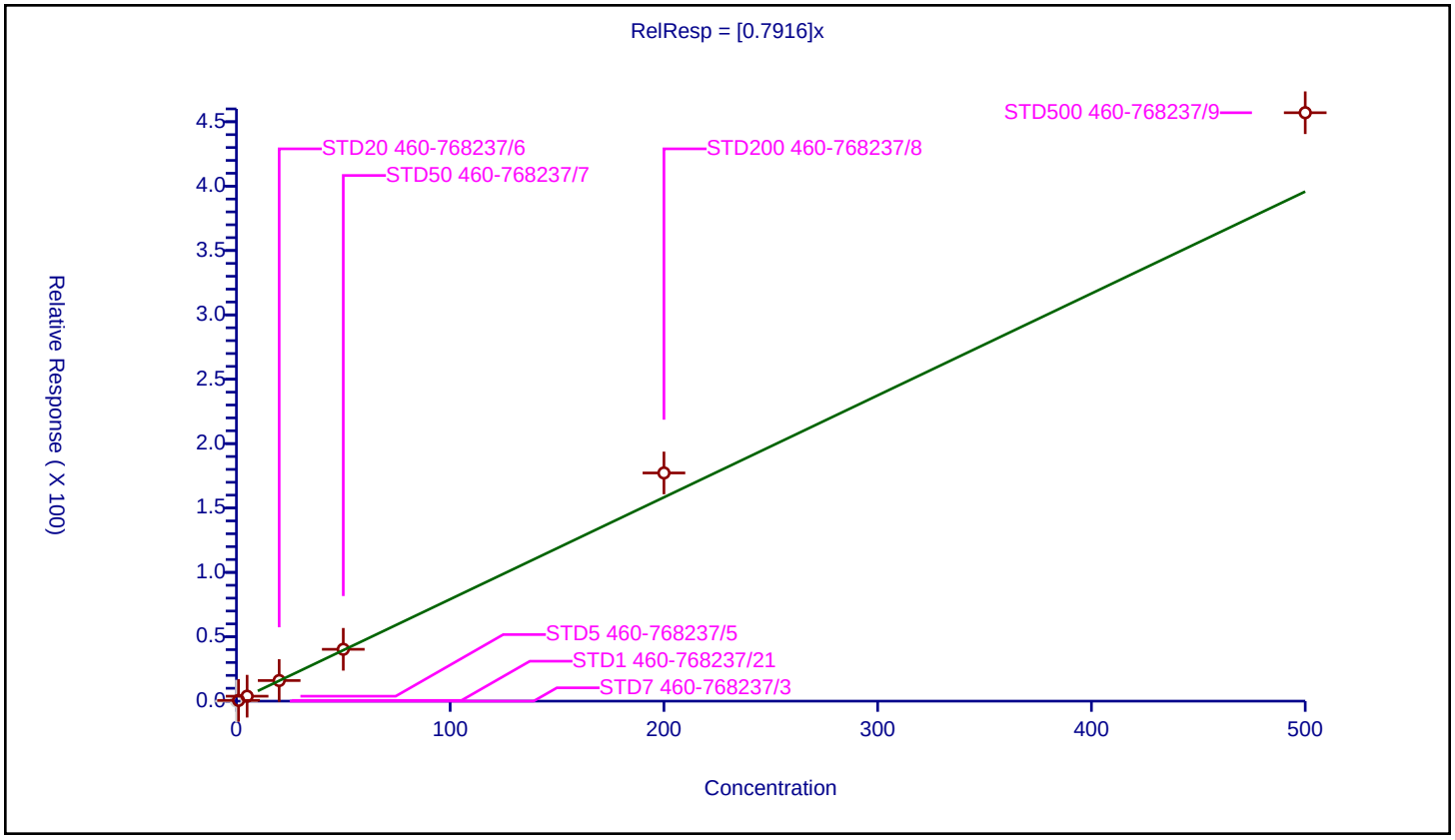
Curve Coefficients

Intercept:	0
Slope:	0.7916

Error Coefficients

Standard Error:	865000
Relative Standard Error:	15.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.577461	50.0	151612.0	0.577461	Y
3	STD5 460-768237/5	5.0	3.830401	50.0	166758.0	0.76608	Y
4	STD20 460-768237/6	20.0	16.005419	50.0	167562.0	0.800271	Y
5	STD50 460-768237/7	50.0	40.272987	50.0	178287.0	0.80546	Y
6	STD200 460-768237/8	200.0	177.22553	50.0	190303.0	0.886128	Y
7	STD500 460-768237/9	500.0	457.023237	50.0	197530.0	0.914046	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

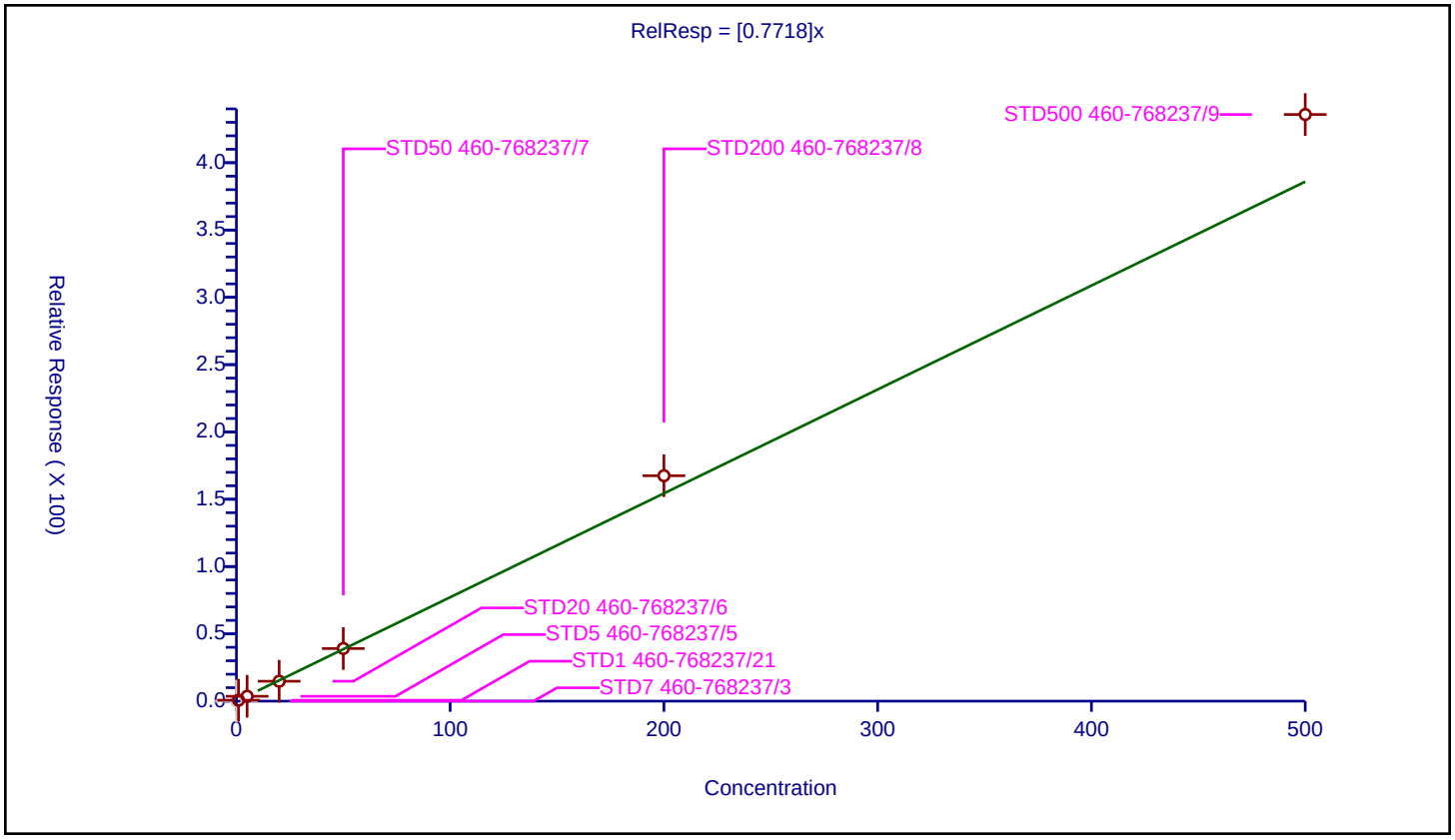
Curve Coefficients

Intercept:	0
Slope:	0.7718

Error Coefficients

Standard Error:	824000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.675078	50.0	151612.0	0.675078	Y
3	STD5 460-768237/5	5.0	3.629511	50.0	166758.0	0.725902	Y
4	STD20 460-768237/6	20.0	14.78229	50.0	167562.0	0.739114	Y
5	STD50 460-768237/7	50.0	39.096793	50.0	178287.0	0.781936	Y
6	STD200 460-768237/8	200.0	167.466094	50.0	190303.0	0.83733	Y
7	STD500 460-768237/9	500.0	435.82595	50.0	197530.0	0.871652	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

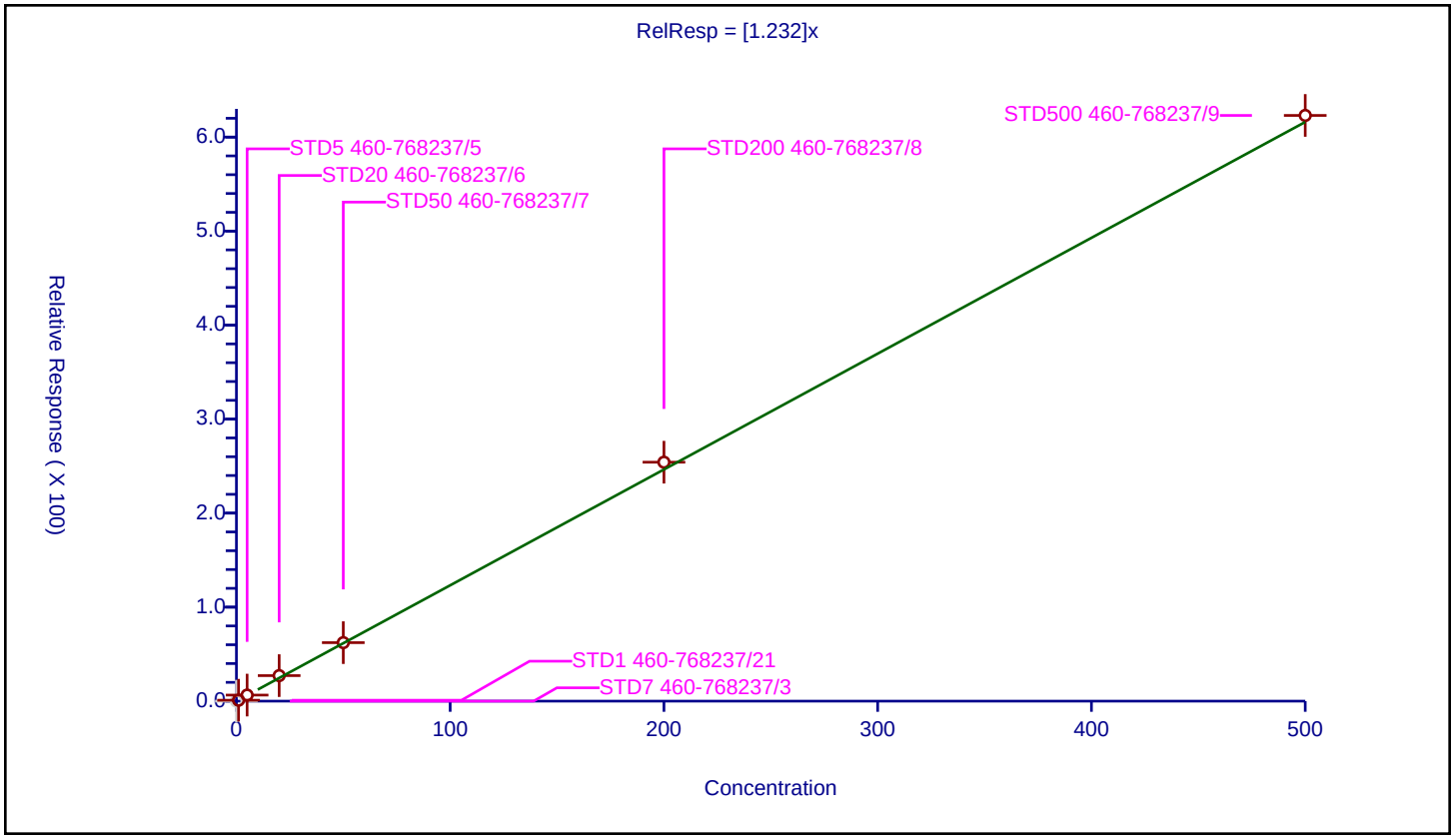
Curve Coefficients

Intercept:	0
Slope:	1.232

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	10.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.98574	50.0	151612.0	0.98574	Y
3	STD5 460-768237/5	5.0	6.437772	50.0	166758.0	1.287554	Y
4	STD20 460-768237/6	20.0	27.157112	50.0	167562.0	1.357856	Y
5	STD50 460-768237/7	50.0	62.219623	50.0	178287.0	1.244392	Y
6	STD200 460-768237/8	200.0	254.189372	50.0	190303.0	1.270947	Y
7	STD500 460-768237/9	500.0	623.017516	50.0	197530.0	1.246035	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

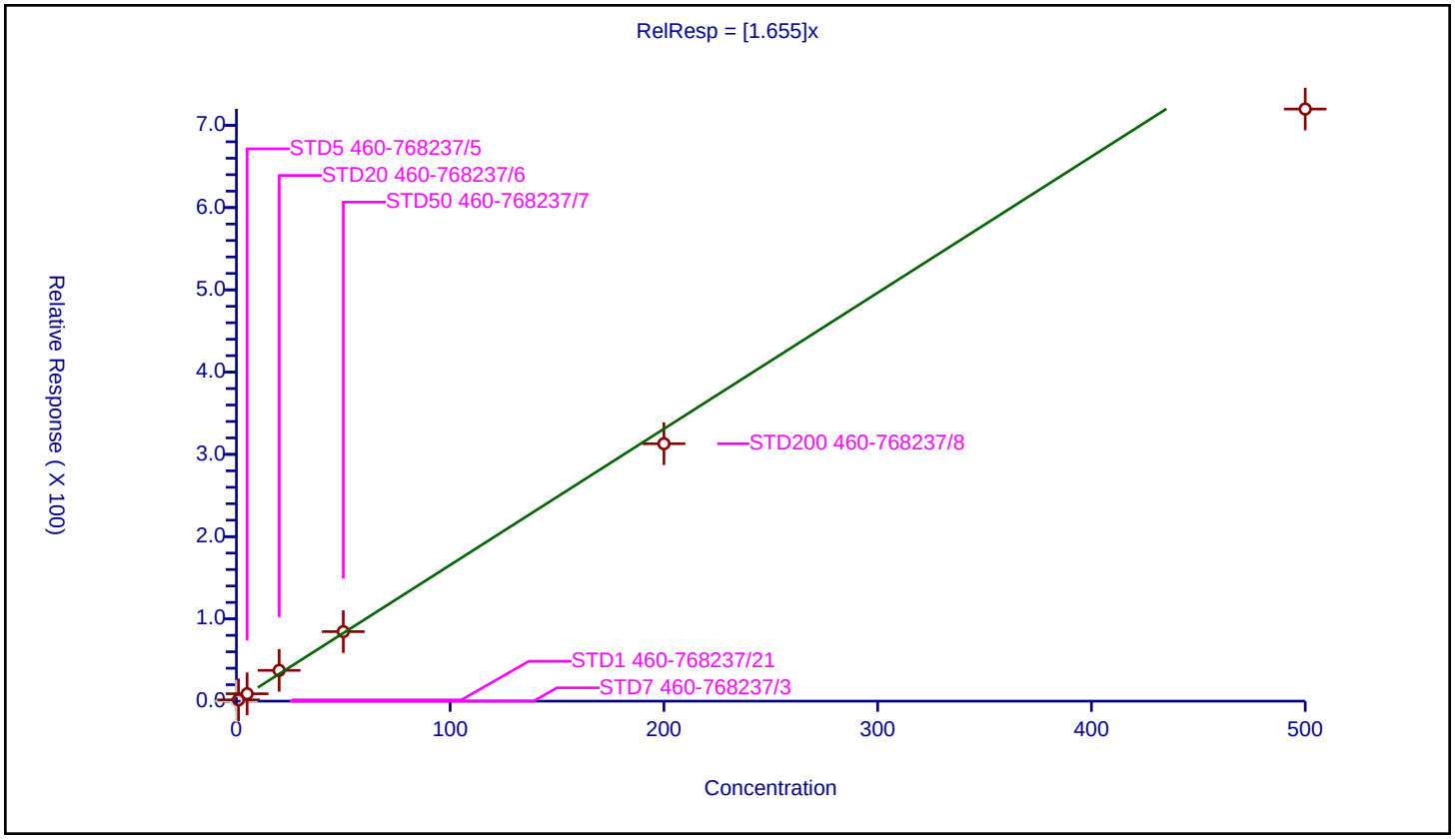
Curve Coefficients

Intercept:	0
Slope:	1.655

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	9.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	1.570126	50.0	151612.0	1.570126	Y
3	STD5 460-768237/5	5.0	8.971384	50.0	166758.0	1.794277	Y
4	STD20 460-768237/6	20.0	37.404961	50.0	167562.0	1.870248	Y
5	STD50 460-768237/7	50.0	84.522988	50.0	178287.0	1.69046	Y
6	STD200 460-768237/8	200.0	312.973784	50.0	190303.0	1.564869	Y
7	STD500 460-768237/9	500.0	719.790665	50.0	197530.0	1.439581	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

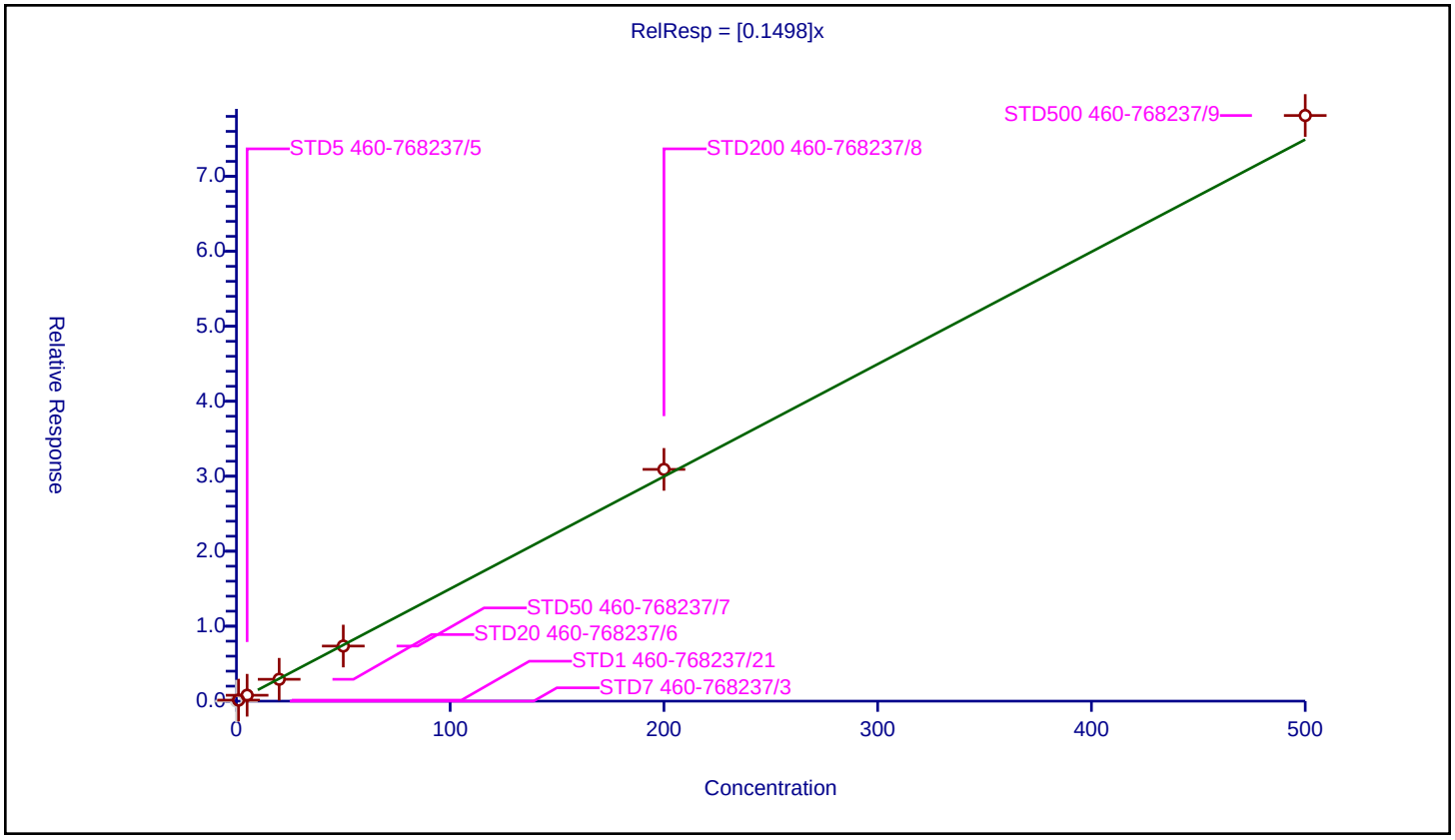
Curve Coefficients

Intercept:	0
Slope:	0.1498

Error Coefficients

Standard Error:	148000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.138182	50.0	151612.0	0.138182	Y
3	STD5 460-768237/5	5.0	0.786469	50.0	166758.0	0.157294	Y
4	STD20 460-768237/6	20.0	2.913847	50.0	167562.0	0.145692	Y
5	STD50 460-768237/7	50.0	7.349947	50.0	178287.0	0.146999	Y
6	STD200 460-768237/8	200.0	30.915698	50.0	190303.0	0.154578	Y
7	STD500 460-768237/9	500.0	78.118261	50.0	197530.0	0.156237	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

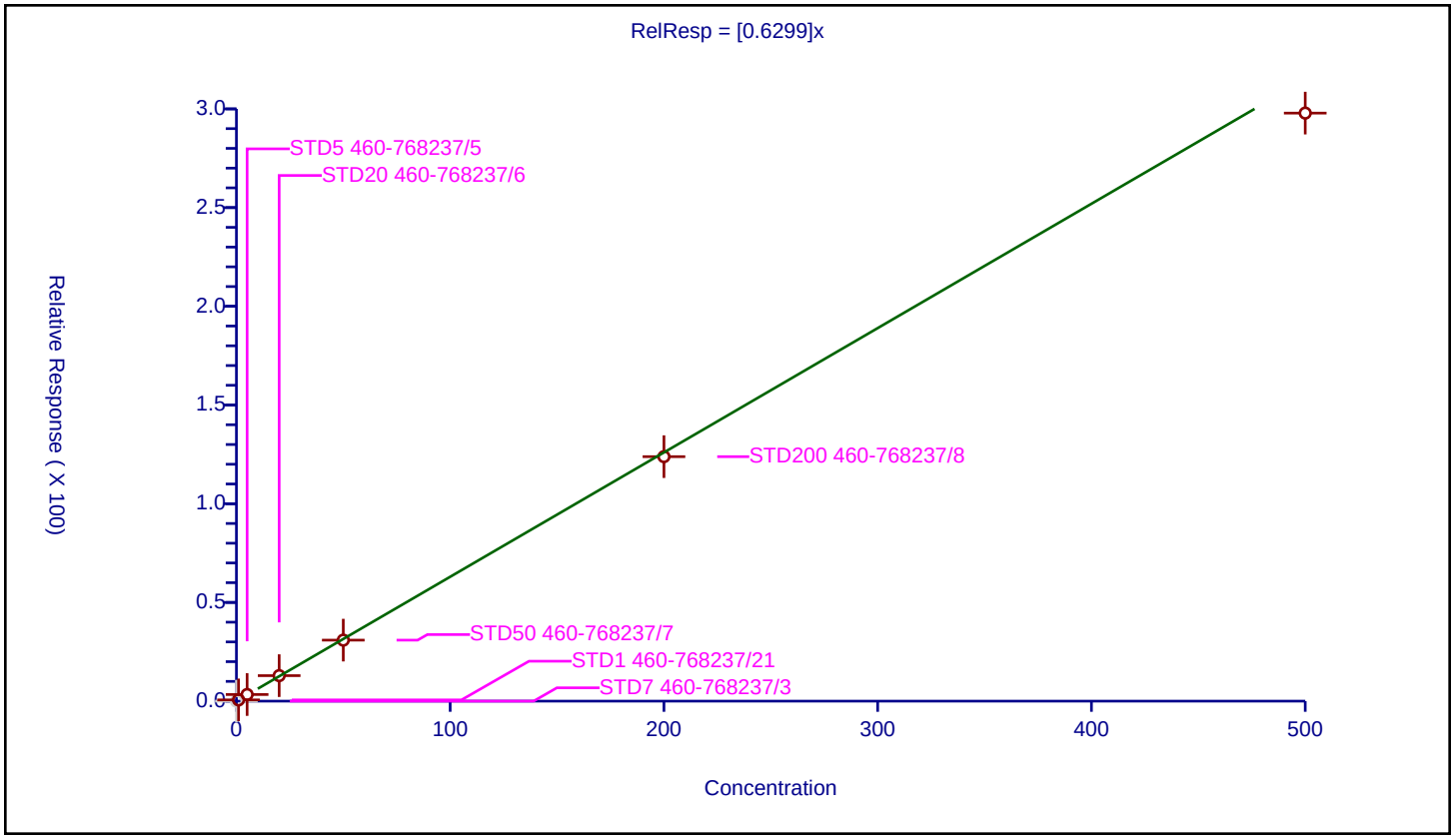
Curve Coefficients

Intercept:	0
Slope:	0.6299

Error Coefficients

Standard Error:	569000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.628578	50.0	151612.0	0.628578	Y
3	STD5 460-768237/5	5.0	3.35816	50.0	166758.0	0.671632	Y
4	STD20 460-768237/6	20.0	12.920292	50.0	167562.0	0.646015	Y
5	STD50 460-768237/7	50.0	30.896252	50.0	178287.0	0.617925	Y
6	STD200 460-768237/8	200.0	123.849072	50.0	190303.0	0.619245	Y
7	STD500 460-768237/9	500.0	297.865894	50.0	197530.0	0.595732	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

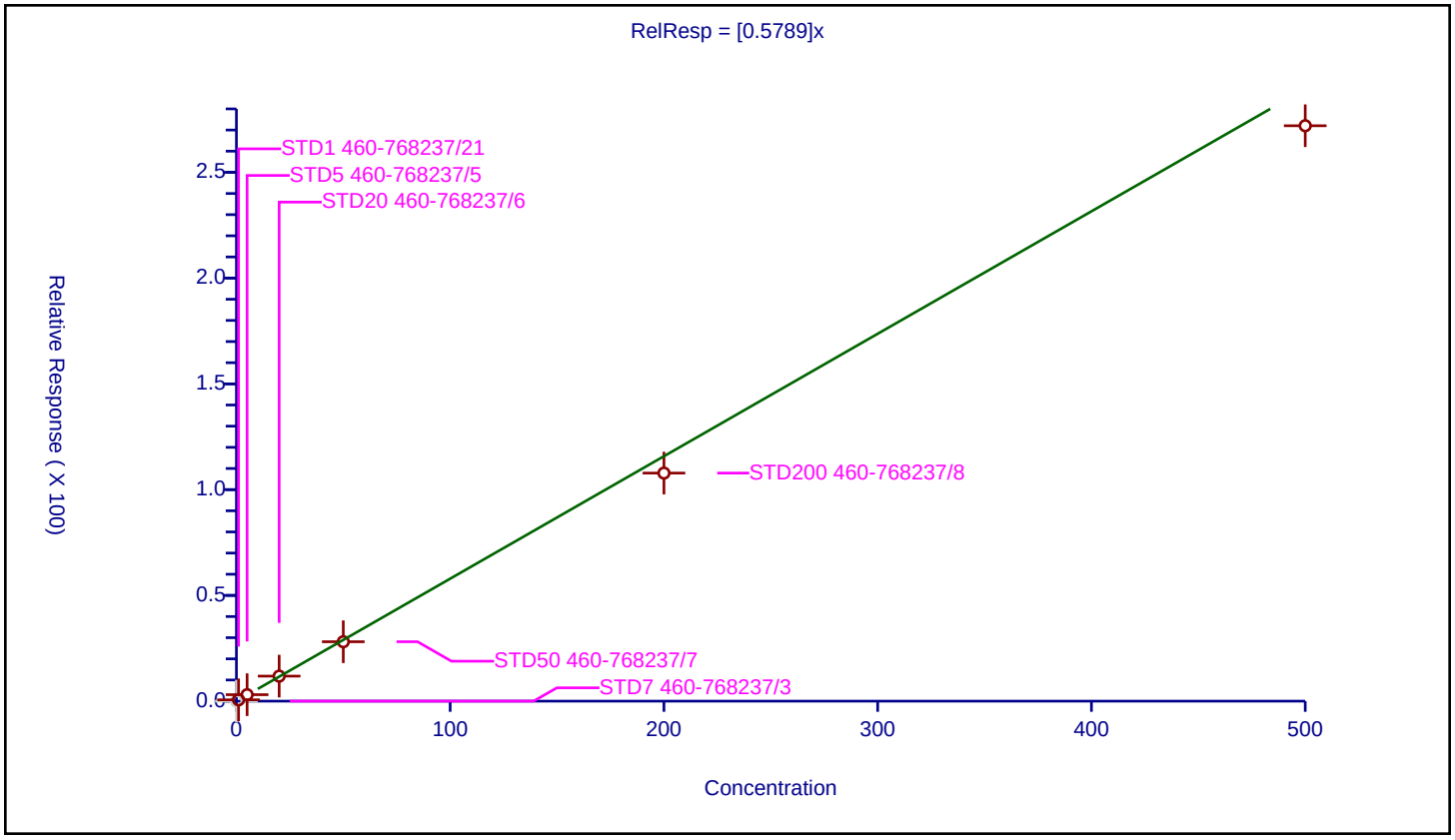
Curve Coefficients

Intercept:	0
Slope:	0.5789

Error Coefficients

Standard Error:	517000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.62594	50.0	151612.0	0.62594	Y
3	STD5 460-768237/5	5.0	3.058324	50.0	166758.0	0.611665	Y
4	STD20 460-768237/6	20.0	11.824578	50.0	167562.0	0.591229	Y
5	STD50 460-768237/7	50.0	28.080567	50.0	178287.0	0.561611	Y
6	STD200 460-768237/8	200.0	107.817533	50.0	190303.0	0.539088	Y
7	STD500 460-768237/9	500.0	272.03235	50.0	197530.0	0.544065	Y



Calibration / Hexachlorobutadiene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

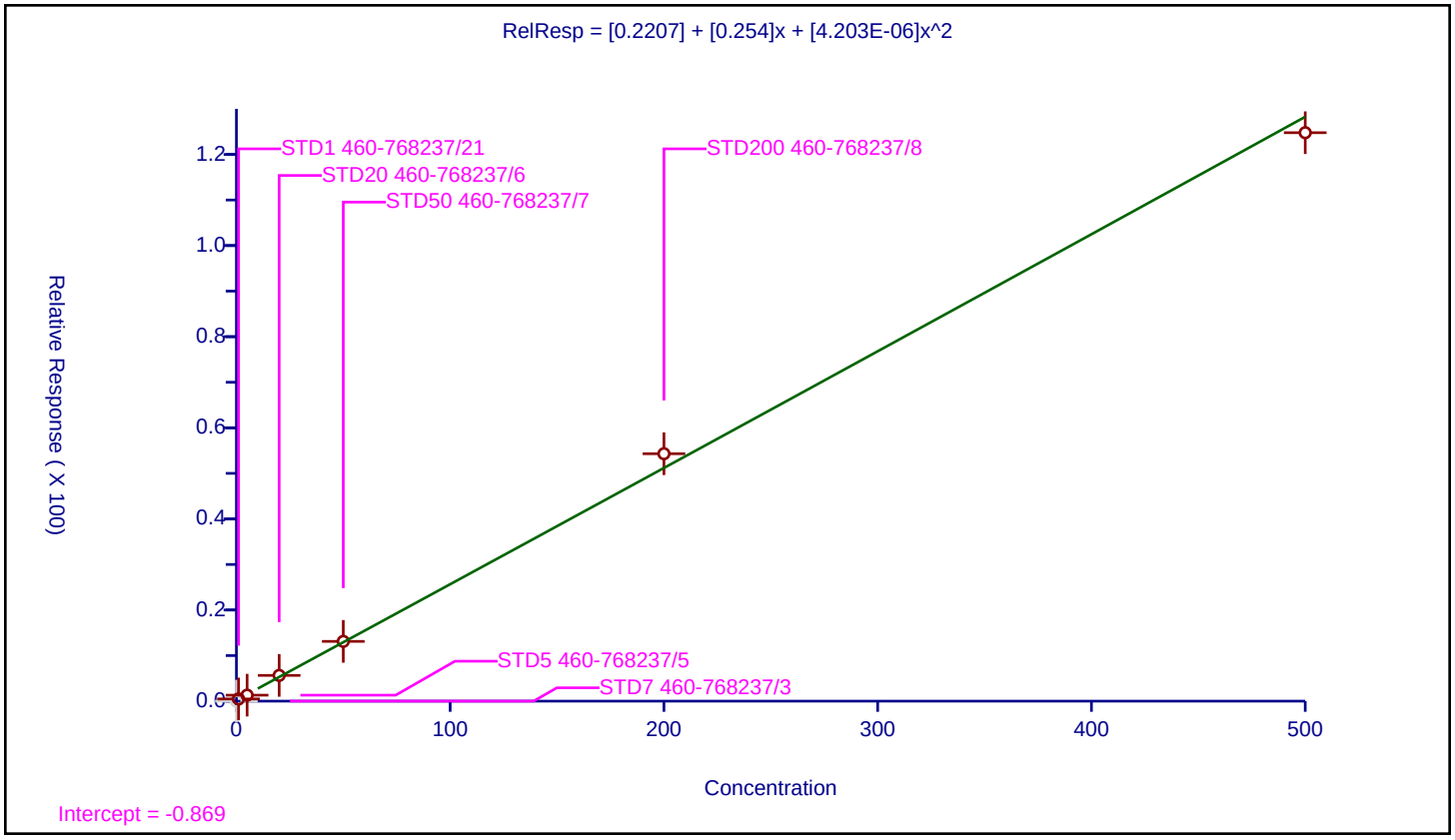
Curve Coefficients

Intercept:	0.2207
Slope:	0.254
Second Order:	4.203E-06

Error Coefficients

Standard Error:	310000
Relative Standard Error:	10.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.480833	50.0	151612.0	0.480833	Y
3	STD5 460-768237/5	5.0	1.310582	50.0	166758.0	0.262116	Y
4	STD20 460-768237/6	20.0	5.650147	50.0	167562.0	0.282507	Y
5	STD50 460-768237/7	50.0	13.117614	50.0	178287.0	0.262352	Y
6	STD200 460-768237/8	200.0	54.31102	50.0	190303.0	0.271555	Y
7	STD500 460-768237/9	500.0	124.771427	50.0	197530.0	0.249543	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

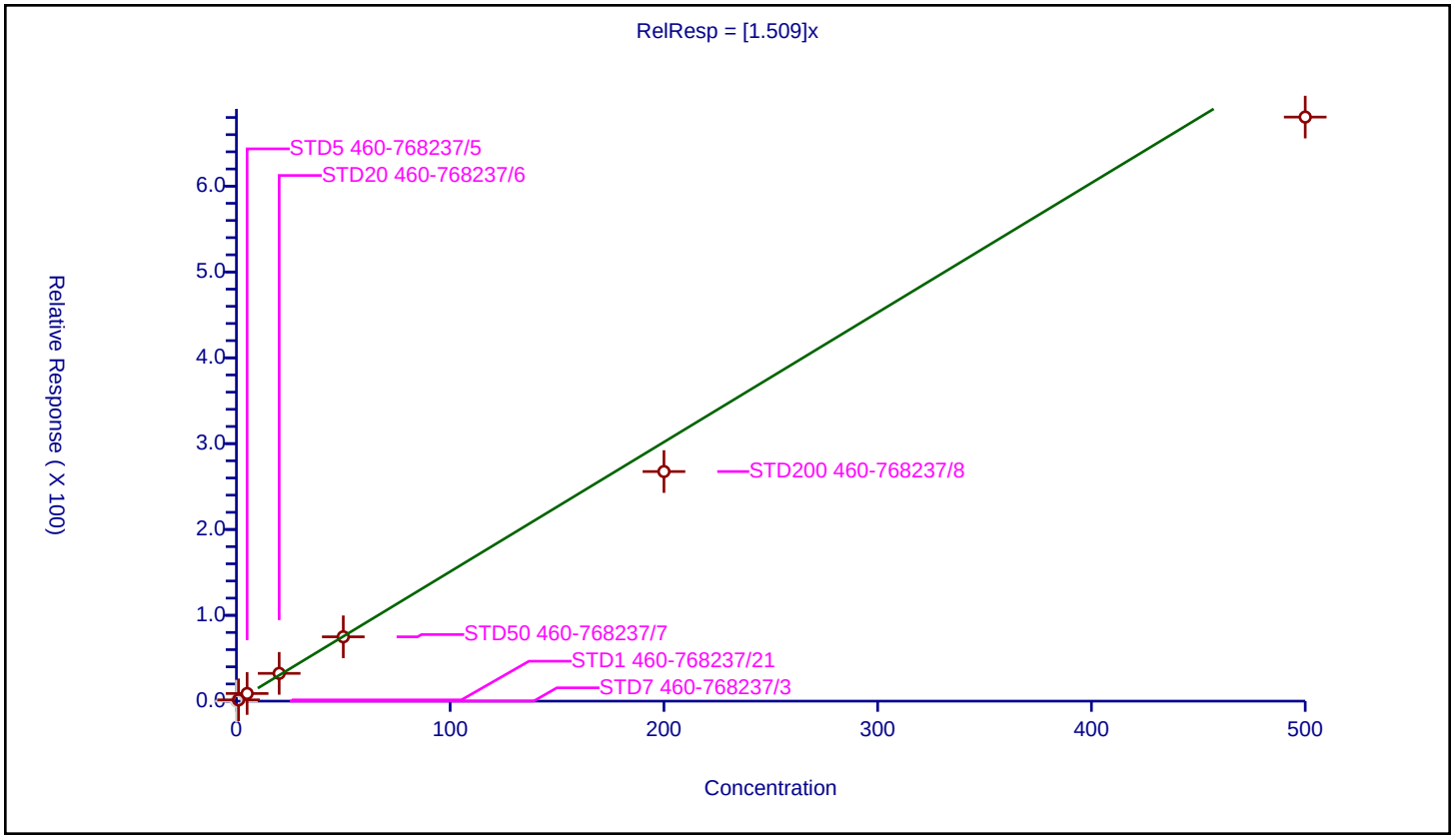
Curve Coefficients

Intercept:	0
Slope:	1.509

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	11.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	1.460636	50.0	151612.0	1.460636	Y
3	STD5 460-768237/5	5.0	8.900922	50.0	166758.0	1.780184	Y
4	STD20 460-768237/6	20.0	32.344744	50.0	167562.0	1.617237	Y
5	STD50 460-768237/7	50.0	74.948258	50.0	178287.0	1.498965	Y
6	STD200 460-768237/8	200.0	267.498936	50.0	190303.0	1.337495	Y
7	STD500 460-768237/9	500.0	680.46803	50.0	197530.0	1.360936	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

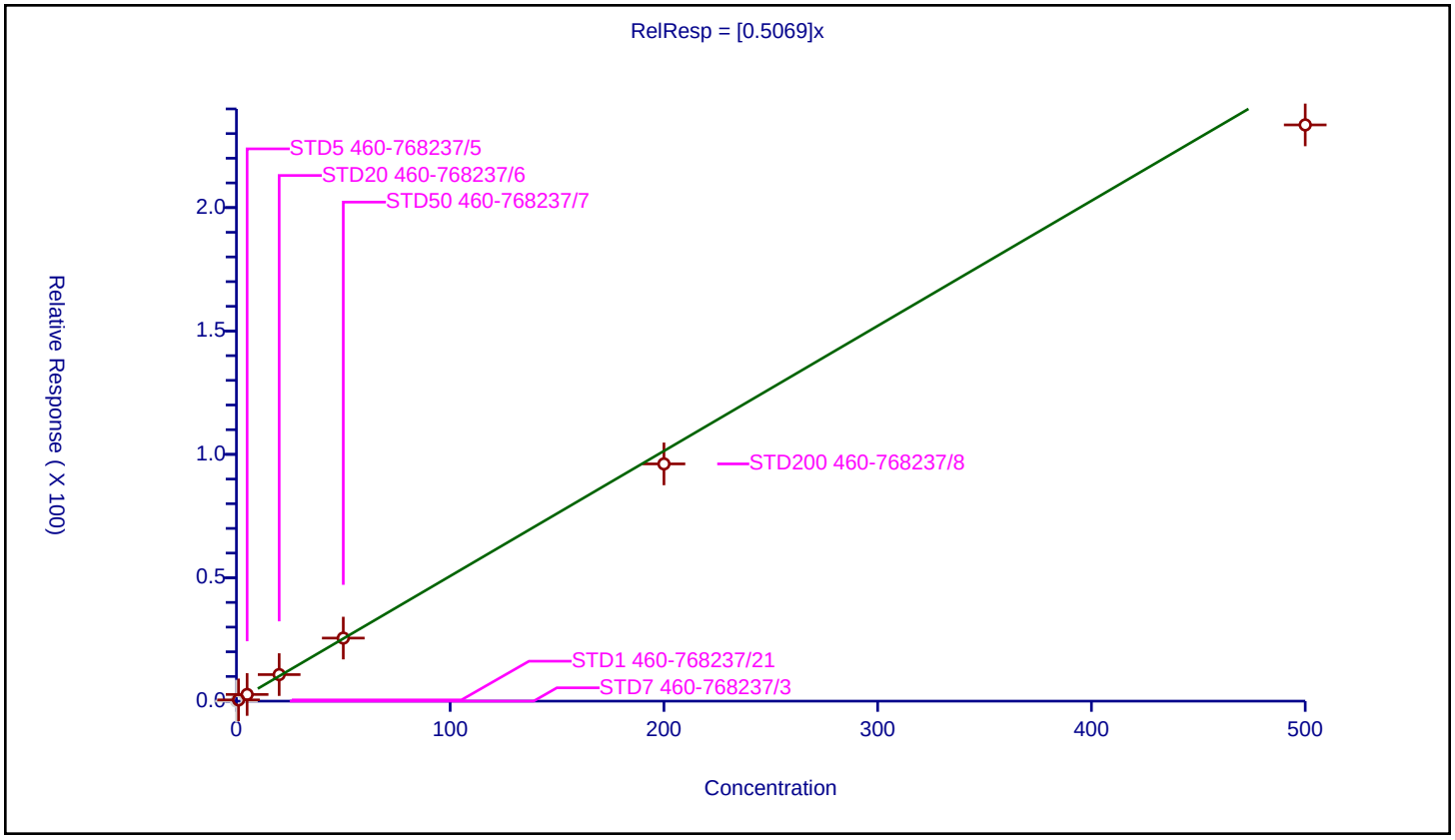
Curve Coefficients

Intercept:	0
Slope:	0.5069

Error Coefficients

Standard Error:	446000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-768237/3	0.0	0.0	50.0	173115.0	NaN	N
2	STD1 460-768237/21	1.0	0.504248	50.0	151612.0	0.504248	Y
3	STD5 460-768237/5	5.0	2.703319	50.0	166758.0	0.540664	Y
4	STD20 460-768237/6	20.0	10.752438	50.0	167562.0	0.537622	Y
5	STD50 460-768237/7	50.0	25.557107	50.0	178287.0	0.511142	Y
6	STD200 460-768237/8	200.0	96.13406	50.0	190303.0	0.48067	Y
7	STD500 460-768237/9	500.0	233.514656	50.0	197530.0	0.467029	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: ICV 460-768237/22 Calibration Date: 03/30/2021 20:57

Instrument ID: CVOAMS5 Calib Start Date: 03/30/2021 11:36

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 03/30/2021 20:10

Lab File ID: E23371.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0355	0.0049		50.0	200	-86.3*	30.0
Chlorotrifluoroethene	Ave	1.065	0.9236		173	200	-13.3	30.0
Dichlorodifluoromethane	Ave	0.4024	0.3789	0.1000	188	200	-5.8	30.0
1,1-Difluoroethane	Ave	0.1116	0.1136		204	200	1.8	30.0
Chlorodifluoromethane	Ave	0.0369	0.0364		197	200	-1.4	30.0
Butadiene	Ave	0.3865	0.3491		181	200	-9.7	30.0
Chloromethane	Ave	0.5690	0.5331	0.1000	187	200	-6.3	30.0
Vinyl chloride	Ave	0.4138	0.4288	0.1000	207	200	3.6	30.0
Bromomethane	Ave	0.1771	0.1649	0.1000	186	200	-6.9	30.0
Chloroethane	Ave	2.434	2.188	0.1000	180	200	-10.1	30.0
Pentane	Ave	0.4079	0.4739		465	400	16.2	30.0
Trichlorofluoromethane	Ave	0.3918	0.4011	0.1000	205	200	2.4	30.0
Dichlorofluoromethane	Ave	0.4169	0.5117		245	200	22.7	30.0
2-Methyl-1,3-butadiene	Ave	0.4290	0.4622		215	200	7.7	30.0
Ethyl ether	Ave	0.2403	0.2530		211	200	5.3	30.0
Ethanol	QuaF		0.1484		7280	8000	-9.0	30.0
1,1-Dichloroethene	Ave	0.2546	0.2653	0.1000	208	200	4.2	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3709	0.3923		212	200	5.8	30.0
Carbon disulfide	Ave	1.002	0.9945	0.1000	198	200	-0.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2128	0.2137	0.1000	201	200	0.4	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3977	0.3939		198	200	-1.0	30.0
Iodomethane	Qua2		0.1655		149	200	-25.6	30.0
Cyclopentene	Ave	0.6729	0.6987		208	200	3.8	30.0
Acrolein	Ave	1.966	1.200		245	401	-38.9*	30.0
3-Chloro-1-propene	Ave	0.1649	0.1629		198	200	-1.2	30.0
Isopropyl alcohol	Ave	0.5980	0.5924		1980	2000	-0.9	30.0
Methylene Chloride	Ave	0.3217	0.3325	0.1000	207	200	3.4	30.0
Acetone	Ave	0.2240	0.2199	0.0500	982	1000	-1.8	30.0
trans-1,2-Dichloroethene	Ave	0.2937	0.3172	0.1000	216	200	8.0	30.0
Methyl acetate	Qua2		2.221	0.1000	379	400	-5.3	30.0
Hexane	Ave	2.511	2.753		219	200	9.7	30.0
Methyl tert-butyl ether	Ave	0.7662	0.7770	0.1000	203	200	1.4	30.0
2-Methyl-2-propanol	Ave	1.111	0.999		1800	2000	-10.0	30.0
Acetonitrile	QuaF		1.246		1790	2000	-10.5	30.0
Isopropyl ether	Ave	1.009	1.018		202	200	0.9	30.0
2-Chloro-1,3-butadiene	Ave	0.2608	0.2780		213	200	6.6	30.0
1,1-Dichloroethane	Ave	0.5814	0.5950	0.2000	205	200	2.3	30.0
Acrylonitrile	QuaF		0.0855		1820	2000	-9.2	30.0
Tert-butyl ethyl ether	Ave	0.8483	0.8690		205	200	2.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: ICV 460-768237/22 Calibration Date: 03/30/2021 20:57

Instrument ID: CVOAMS5 Calib Start Date: 03/30/2021 11:36

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 03/30/2021 20:10

Lab File ID: E23371.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Vinyl acetate	Qua2		0.5086		383	400	-4.3	30.0
cis-1,2-Dichloroethene	Ave	0.3300	0.3332	0.1000	202	200	0.9	30.0
2,2-Dichloropropane	QuaF		0.3114		163	200	-18.6	30.0
Cyclohexane	Ave	0.3485	0.3619	0.1000	208	200	3.8	30.0
Chlorobromomethane	Ave	0.1436	0.1473		205	200	2.5	30.0
Chloroform	Ave	0.5167	0.5368	0.2000	208	200	3.9	30.0
Carbon tetrachloride	Ave	0.2888	0.2902	0.1000	201	200	0.5	30.0
Ethyl acetate	Ave	0.3218	0.3189		396	400	-0.9	30.0
Methyl acrylate	Qua2		0.1993		184	200	-8.2	30.0
Tetrahydrofuran	Ave	0.9786	0.9550		390	400	-2.4	30.0
1,1,1-Trichloroethane	Ave	0.3994	0.4072	0.1000	204	200	1.9	30.0
1,1-Dichloropropene	Ave	0.4490	0.3994		178	200	-11.0	30.0
2-Butanone (MEK)	Ave	0.3433	0.3094	0.0500	901	1000	-9.9	30.0
Isooctane	Ave	0.5602	0.5329		190	200	-4.9	30.0
n-Heptane	Ave	0.1309	0.1188		182	200	-9.2	30.0
Benzene	Ave	1.477	1.526	0.5000	207	200	3.3	30.0
Propionitrile	QuaF		1.921		1990	2000	-0.5	30.0
Methacrylonitrile	QuaF		0.1052		1830	2000	-8.4	30.0
Tert-amyl methyl ether	Ave	0.7557	0.7658		203	200	1.3	30.0
1,2-Dichloroethane	Ave	0.3944	0.3718	0.1000	189	200	-5.7	30.0
Isobutyl alcohol	Ave	0.4239	0.3411		4020	5000	-19.5	30.0
Isopropyl acetate	Ave	0.4207	0.4053		193	200	-3.7	30.0
Methylcyclohexane	Ave	0.2783	0.2655	0.1000	191	200	-4.6	30.0
Trichloroethene	Ave	0.2986	0.2899	0.2000	194	200	-2.9	30.0
Dibromomethane	Ave	0.1762	0.1722		196	200	-2.2	30.0
n-Butanol	QuaF		0.1800		2810	5000	-43.8*	30.0
1,2-Dichloropropane	Ave	0.3304	0.3504	0.1000	212	200	6.0	30.0
Dichlorobromomethane	Ave	0.4014	0.4078	0.2000	203	200	1.6	30.0
Ethyl acrylate	Qua2		0.2703		180	200	-10.2	30.0
Methyl methacrylate	Ave	0.0637	0.0603		379	400	-5.3	30.0
1,4-Dioxane	Ave	1.128	1.192		4230	4000	5.7	30.0
n-Propyl acetate	Qua2		0.2879		190	200	-4.8	30.0
2-Chloroethyl vinyl ether	Qua2		0.1032		176	200	-11.8	30.0
cis-1,3-Dichloropropene	Qua2		0.5378	0.2000	189	200	-5.7	30.0
Toluene	Ave	1.439	1.450	0.4000	202	200	0.8	30.0
Epichlorohydrin	QuaF		0.1083		123	200	-38.5*	30.0
2-Nitropropane	QuaF		2.580		330	400	-17.4	30.0
Tetrachloroethene	Ave	0.2446	0.2447	0.2000	200	200	0.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.461	2.439	0.0500	991	1000	-0.9	30.0
trans-1,3-Dichloropropene	Qua2		0.3642	0.1000	179	200	-10.4	30.0
1,1,2-Trichloroethane	Ave	0.2435	0.2422	0.1000	199	200	-0.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: ICV 460-768237/22 Calibration Date: 03/30/2021 20:57

Instrument ID: CVOAMS5 Calib Start Date: 03/30/2021 11:36

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 03/30/2021 20:10

Lab File ID: E23371.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl methacrylate	Qua2		0.3665		184	200	-8.0	30.0
Chlorodibromomethane	Ave	0.2799	0.2815	0.1000	201	200	0.6	30.0
1,3-Dichloropropane	Ave	0.5266	0.5069		193	200	-3.7	30.0
Ethylene Dibromide	Ave	0.2712	0.2716	0.1000	200	200	0.1	30.0
n-Butyl acetate	QuaF		0.3327		138	200	-31.1*	30.0
2-Hexanone	Ave	1.675	1.706	0.0500	1020	1000	1.8	30.0
Chlorobenzene	Ave	0.8822	0.8689	0.5000	197	200	-1.5	30.0
Ethylbenzene	Ave	0.4120	0.4106	0.1000	199	200	-0.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2699	0.2583		191	200	-4.3	30.0
m-Xylene & p-Xylene	Ave	0.4911	0.4740	0.1000	193	200	-3.5	30.0
o-Xylene	Ave	0.5003	0.5010	0.3000	200	200	0.1	30.0
Bromoform	Qua2		0.3878	0.1000	182	200	-9.0	30.0
Styrene	Ave	0.8412	0.8434	0.3000	201	200	0.3	30.0
n-Butyl acrylate	Qua2		0.1789		175	200	-12.4	30.0
Isopropylbenzene	Ave	1.004	1.054	0.1000	210	200	5.0	30.0
Amyl acetate (mixed isomers)	Qua2		1.058		184	200	-8.1	30.0
Bromobenzene	Ave	0.8417	0.8441		201	200	0.3	30.0
N-Propylbenzene	Ave	2.922	2.840		194	200	-2.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8965	0.8552	0.3000	191	200	-4.6	30.0
2-Chlorotoluene	Ave	2.373	2.315		195	200	-2.4	30.0
4-Ethyltoluene	Ave	2.246	2.268		202	200	1.0	30.0
1,2,3-Trichloropropane	Ave	0.2397	0.2414		201	200	0.7	30.0
1,3,5-Trimethylbenzene	Ave	1.900	1.829		193	200	-3.7	30.0
trans-1,4-Dichloro-2-butene	QuaF		0.1622		119	200	-40.5*	30.0
4-Chlorotoluene	Ave	2.227	2.195		197	200	-1.4	30.0
tert-Butylbenzene	Ave	1.561	1.457		187	200	-6.7	30.0
1,2,4-Trimethylbenzene	Ave	1.906	1.796		188	200	-5.8	30.0
Butyl Methacrylate	Qua2		0.7389		179	200	-10.6	30.0
sec-Butylbenzene	Ave	2.179	2.053		188	200	-5.8	30.0
1,3-Dichlorobenzene	Ave	1.252	1.246	0.6000	199	200	-0.5	30.0
4-Isopropyltoluene	Ave	1.727	1.614		187	200	-6.5	30.0
1,4-Dichlorobenzene	Ave	1.337	1.275	0.5000	191	200	-4.6	30.0
1,2,3-Trimethylbenzene	Ave	2.100	1.993		190	200	-5.1	30.0
Indan	Ave	2.317	2.355		203	200	1.7	30.0
Benzyl chloride	QuaF		0.1427		122	200	-38.8*	30.0
p-Diethylbenzene	Ave	0.7916	0.8579		217	200	8.4	30.0
n-Butylbenzene	Ave	0.7718	0.7198		187	200	-6.7	30.0
1,2-Dichlorobenzene	Ave	1.232	1.214	0.4000	197	200	-1.5	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.655	1.624		196	200	-1.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1498	0.1260	0.0500	168	200	-15.9	30.0
1,3,5-Trichlorobenzene	Ave	0.6299	0.5825		185	200	-7.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: ICV 460-768237/22 Calibration Date: 03/30/2021 20:57

Instrument ID: CVOAMS5 Calib Start Date: 03/30/2021 11:36

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 03/30/2021 20:10

Lab File ID: E23371.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.5789	0.5449	0.2000	188	200	-5.9	30.0
Hexachlorobutadiene	Qua2		0.2619		197	200	-1.3	30.0
Naphthalene	Ave	1.509	1.413		187	200	-6.4	30.0
1,2,3-Trichlorobenzene	Ave	0.5069	0.4709		186	200	-7.1	30.0
Dibromofluoromethane (Surr)	Ave	0.3216	0.3142		488	500	-2.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3778	0.3832		507	500	1.4	30.0
Toluene-d8 (Surr)	Ave	1.474	1.458		494	500	-1.1	30.0
4-Bromofluorobenzene	Ave	0.3407	0.3426		503	500	0.5	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23371.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 30-Mar-2021 20:57:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 200-57658-A-1-B MS
Misc. Info.: 460-0126234-022
Operator ID: Instrument ID: CVOAMS5
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Apr-2021 11:58:32 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: boykink Date: 30-Mar-2021 21:33:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.707	0.706	0.001	28	1017	20.0	2.75	a
2 Chlorotrifluoroethene	116	0.756	0.756	0.000	89	16906	20.0	17.3	a
3 Dichlorodifluoromethane	85	0.764	0.764	0.000	99	78962	20.0	18.8	
4 1,1-Difluoroethane	65	0.805	0.813	-0.008	95	23673	20.0	20.4	
5 Chlorodifluoromethane	67	0.830	0.830	0.000	95	7579	20.0	19.7	Ma
8 Butadiene	54	0.896	0.896	0.000	93	72746	20.0	18.1	
7 Vinyl chloride	62	0.896	0.896	0.000	98	89356	20.0	20.7	
6 Chloromethane	50	0.896	0.896	0.000	96	111099	20.0	18.7	
9 Bromomethane	94	1.044	1.044	0.000	99	34357	20.0	18.6	
10 Chloroethane	64	1.102	1.101	0.001	99	40046	20.0	18.0	
12 Pentane	72	1.159	1.159	0.000	98	17350	40.0	46.5	
11 Trichlorofluoromethane	101	1.167	1.167	0.000	97	83587	20.0	20.5	
13 Dichlorofluoromethane	67	1.192	1.192	0.000	99	106623	20.0	24.5	
14 2-Methyl-1,3-butadiene	67	1.307	1.307	0.000	96	96318	20.0	21.5	
15 Ethyl ether	59	1.316	1.315	0.001	97	52720	20.0	21.1	
16 Ethanol	45	1.398	1.398	0.000	30	20474	800.0	728.4	a
17 1,1-Dichloroethene	96	1.406	1.414	-0.008	97	55282	20.0	20.8	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.406	1.414	-0.008	84	81750	20.0	21.2	
19 Carbon disulfide	76	1.423	1.422	0.001	99	207249	20.0	19.8	
20 112TCTFE	101	1.431	1.431	0.000	90	44542	20.0	20.1	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.439	1.439	0.000	93	82079	20.0	19.8	
22 Iodomethane	142	1.480	1.488	-0.008	96	34482	20.0	14.9	
23 Cyclopentene	67	1.562	1.562	0.000	97	145610	20.0	20.8	
24 Acrolein	56	1.587	1.587	0.000	90	8290	40.1	24.5	
25 3-Chloro-1-propene	76	1.653	1.653	0.000	93	33947	20.0	19.8	
26 Isopropyl alcohol	45	1.686	1.686	0.000	66	20428	200.0	198.1	
27 Methylene Chloride	84	1.711	1.710	0.001	93	69295	20.0	20.7	
28 Acetone	58	1.744	1.743	0.001	86	20127	100.0	98.2	
29 trans-1,2-Dichloroethene	96	1.801	1.801	0.000	95	66105	20.0	21.6	
30 Methyl acetate	74	1.809	1.817	-0.008	100	15320	40.0	37.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.842	1.842	0.000	89	9495	20.0	21.9	
32 Methyl tert-butyl ether	73	1.859	1.859	0.000	97	161915	20.0	20.3	
* 33 TBA-d9 (IS)	65	1.883	1.883	0.000	100	172422	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.925	1.924	0.001	96	34459	200.0	180.0	
35 Acetonitrile	41	2.015	2.015	0.000	100	42960	200.0	179.0	
36 Isopropyl ether	45	2.081	2.081	0.000	98	212054	20.0	20.2	
37 2-Chloro-1,3-butadiene	88	2.139	2.138	0.001	89	57922	20.0	21.3	
38 1,1-Dichloroethane	63	2.155	2.155	0.000	99	123995	20.0	20.5	
39 Acrylonitrile	53	2.188	2.188	0.000	95	178111	200.0	181.5	
40 Tert-butyl ethyl ether	59	2.303	2.303	0.000	90	181096	20.0	20.5	
41 Vinyl acetate	86	2.320	2.319	0.001	100	18618	40.0	38.3	
42 cis-1,2-Dichloroethene	96	2.492	2.492	0.000	96	69429	20.0	20.2	
43 2,2-Dichloropropane	77	2.558	2.558	0.000	98	64891	20.0	16.3	
44 Cyclohexane	56	2.616	2.616	0.000	91	75410	20.0	20.8	
45 Chlorobromomethane	128	2.624	2.632	-0.008	95	30686	20.0	20.5	
46 Chloroform	83	2.682	2.682	0.000	99	111857	20.0	20.8	
47 Carbon tetrachloride	117	2.764	2.764	0.000	97	60481	20.0	20.1	
49 Ethyl acetate	70	2.780	2.789	-0.009	98	11676	40.0	39.6	
48 Methyl acrylate	55	2.789	2.789	0.000	94	41535	20.0	18.4	
50 Tetrahydrofuran	42	2.797	2.797	0.000	94	34962	40.0	39.0	
52 1,1,1-Trichloroethane	97	2.813	2.813	0.000	97	84846	20.0	20.4	
$ 51 Dibromofluoromethane (Surr)	113	2.805	2.813	-0.008	96	163665	50.0	48.8	
* 53 2-Butanone-d5	46	2.871	2.871	0.000	100	228803	250.0	250.0	
54 1,1-Dichloropropene	75	2.904	2.904	0.000	94	83237	20.0	17.8	
55 2-Butanone (MEK)	72	2.912	2.912	0.000	98	28315	100.0	90.1	
56 Isooctane	57	2.986	2.986	0.000	99	111041	20.0	19.0	
57 n-Heptane	57	3.077	3.077	0.000	92	24762	20.0	18.2	
58 Benzene	78	3.085	3.093	-0.008	96	271064	20.0	20.7	
59 Propionitrile	54	3.126	3.126	0.000	98	66246	200.0	198.9	
60 Methacrylonitrile	67	3.134	3.134	0.000	92	219241	200.0	183.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.200	3.200	0.000	97	199614	50.0	50.7	
62 Tert-amyl methyl ether	73	3.192	3.200	-0.008	79	159590	20.0	20.3	
63 1,2-Dichloroethane	62	3.250	3.258	-0.008	97	77469	20.0	18.9	
64 Isobutyl alcohol	43	3.332	3.332	0.000	94	29404	500.0	402.3	
65 t-Amyl alcohol	59	3.389	3.389	0.000	95	22922	200.0	175.9	
* 66 Fluorobenzene	96	3.422	3.430	-0.008	99	520973	50.0	50.0	
67 Isopropyl acetate	43	3.496	3.496	0.000	100	84453	20.0	19.3	
68 Methylcyclohexane	83	3.546	3.546	0.000	95	55323	20.0	19.1	
69 Trichloroethene	95	3.571	3.570	0.001	99	60422	20.0	19.4	
70 2-ethoxy-2-methyl butane	59	3.801	3.801	0.000	96	132037	20.0	19.5	
71 Dibromomethane	93	3.933	3.932	0.001	94	35886	20.0	19.6	
72 n-Butanol	56	3.966	3.974	-0.008	78	15519	500.0	280.9	
73 1,2-Dichloropropane	63	4.023	4.023	0.000	94	73011	20.0	21.2	
74 Dichlorobromomethane	83	4.097	4.097	0.000	99	84975	20.0	20.3	
75 Ethyl acrylate	55	4.105	4.105	0.000	98	56321	20.0	18.0	
* 76 1,4-Dioxane-d8	96	4.287	4.286	0.000	43	21476	1000.0	1000.0	
77 Methyl methacrylate	100	4.295	4.295	0.000	92	25131	40.0	37.9	
78 1,4-Dioxane	88	4.311	4.311	0.000	90	10244	400.0	422.8	
79 n-Propyl acetate	43	4.451	4.459	-0.008	99	59988	20.0	19.0	
80 2-Chloroethyl vinyl ether	63	4.706	4.706	0.000	96	21505	20.0	17.6	
81 cis-1,3-Dichloropropene	75	4.731	4.731	0.000	91	95532	20.0	18.9	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	100	647301	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.970	4.978	-0.008	93	257667	20.0	20.2	
84 Epichlorohydrin	57	5.068	5.019	0.049	6	1983	20.0	12.3	
85 2-Nitropropane	41	5.241	5.241	0.000	97	17792	40.0	33.0	
86 Tetrachloroethene	166	5.389	5.389	0.000	96	43466	20.0	20.0	
87 4-Methyl-2-pentanone (MIBK)	43	5.447	5.447	0.000	96	223195	100.0	99.1	
88 trans-1,3-Dichloropropene	75	5.480	5.480	0.000	95	64697	20.0	17.9	
89 1,1,2-Trichloroethane	83	5.644	5.644	0.000	95	43032	20.0	19.9	
90 Ethyl methacrylate	69	5.727	5.727	0.000	88	65113	20.0	18.4	
91 Chlorodibromomethane	129	5.834	5.842	-0.008	98	50012	20.0	20.1	
92 1,3-Dichloropropane	76	5.957	5.957	0.000	93	90040	20.0	19.3	
93 Ethylene Dibromide	107	6.081	6.080	0.001	98	48243	20.0	20.0	
94 n-Butyl acetate	43	6.434	6.434	0.000	99	59110	20.0	13.8	
95 2-Hexanone	43	6.500	6.500	0.000	96	156108	100.0	101.8	
* 96 Chlorobenzene-d5	117	6.755	6.764	-0.009	87	444113	50.0	50.0	
97 Chlorobenzene	112	6.780	6.780	0.000	94	154352	20.0	19.7	
98 Ethylbenzene	106	6.862	6.862	0.000	99	72945	20.0	19.9	
99 1,1,1,2-Tetrachloroethane	133	6.895	6.895	0.000	95	45881	20.0	19.1	
100 m-Xylene & p-Xylene	106	7.076	7.076	0.000	98	84210	20.0	19.3	
101 o-Xylene	106	7.661	7.661	0.000	94	88998	20.0	20.0	
102 Bromoform	173	7.727	7.726	0.001	94	26962	20.0	18.2	
103 Styrene	104	7.751	7.751	0.000	96	149824	20.0	20.1	
104 n-Butyl acrylate	73	8.080	8.080	0.000	99	31781	20.0	17.5	
105 Isopropylbenzene	105	8.138	8.138	0.000	96	187234	20.0	21.0	
106 Amyl acetate (mixed isomers)	43	8.492	8.492	0.000	92	73533	20.0	18.4	
$ 107 4-Bromofluorobenzene	174	8.508	8.516	-0.008	85	152142	50.0	50.3	
108 Bromobenzene	156	8.615	8.615	0.000	98	58679	20.0	20.1	
109 N-Propylbenzene	91	8.772	8.772	0.000	99	197453	20.0	19.4	
110 1,1,2,2-Tetrachloroethane	83	8.928	8.928	0.000	99	59454	20.0	19.1	
111 2-Chlorotoluene	91	8.936	8.944	-0.008	96	160947	20.0	19.5	
112 4-Ethyltoluene	105	8.953	8.961	-0.008	99	157657	20.0	20.2	
113 1,2,3-Trichloropropane	110	9.052	9.060	-0.008	98	16784	20.0	20.1	
114 1,3,5-Trimethylbenzene	105	9.109	9.117	-0.008	93	127157	20.0	19.3	
115 trans-1,4-Dichloro-2-butene	75	9.191	9.200	-0.009	87	11278	20.0	11.9	
116 4-Chlorotoluene	91	9.208	9.208	0.000	99	152607	20.0	19.7	
117 tert-Butylbenzene	119	9.570	9.578	-0.008	93	101257	20.0	18.7	
119 1,2,4-Trimethylbenzene	105	9.702	9.710	-0.008	98	124857	20.0	18.8	
118 Butyl Methacrylate	87	9.718	9.726	-0.008	96	51365	20.0	17.9	
120 sec-Butylbenzene	105	9.866	9.866	0.000	99	142725	20.0	18.8	
121 1,3-Dichlorobenzene	146	10.121	10.121	0.000	95	86622	20.0	19.9	
122 4-Isopropyltoluene	119	10.146	10.146	0.000	98	112237	20.0	18.7	
* 123 1,4-Dichlorobenzene-d4	152	10.253	10.261	-0.008	96	173796	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.278	10.286	-0.008	94	88669	20.0	19.1	
125 1,2,3-Trimethylbenzene	105	10.385	10.385	0.000	99	138518	20.0	19.0	
126 2,3-Dihydroindene	117	10.558	10.557	0.001	94	163729	20.0	20.3	
128 Benzyl chloride	126	10.747	10.738	0.009	96	9922	20.0	12.2	
127 p-Diethylbenzene	119	10.755	10.755	0.000	93	59641	20.0	21.7	
129 n-Butylbenzene	92	10.837	10.837	0.000	98	50042	20.0	18.7	
130 1,2-Dichlorobenzene	146	10.944	10.952	-0.008	94	84378	20.0	19.7	
131 1,2,4,5-Tetramethylbenzene	119	11.825	11.825	0.000	97	112898	20.0	19.6	
132 1,2-Dibromo-3-Chloropropane	157	11.948	11.948	0.000	93	8759	20.0	16.8	
133 1,3,5-Trichlorobenzene	180	11.981	11.981	0.000	97	40493	20.0	18.5	
134 1,2,4-Trichlorobenzene	180	12.500	12.500	0.000	94	37881	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.508	12.508	0.000	91	18207	20.0	19.7	
136 Naphthalene	128	12.722	12.722	0.000	99	98220	20.0	18.7	
137 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	93	32739	20.0	18.6	
S 138 1,2-Dichloroethene, Total	100				0		40.0	41.8	
S 139 1,3-Dichloropropene, Total	100				0		40.0	36.8	
S 140 Xylenes, Total	100				0		40.0	39.3	
S 141 Total BTEX	1				0		100.0	100.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8FreonsSS_00030	Amount Added: 20.00	Units: uL		
GAS C SP_00402	Amount Added: 20.00	Units: uL		
8260 SP_00137	Amount Added: 20.00	Units: uL		
ACROLEIN SP_00123	Amount Added: 4.00	Units: uL		
8260ISNEW_00140	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 01-Apr-2021 15:07:00 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23371.D

Injection Date: 30-Mar-2021 20:57:30 Instrument ID: CVOAMS5 Operator ID:

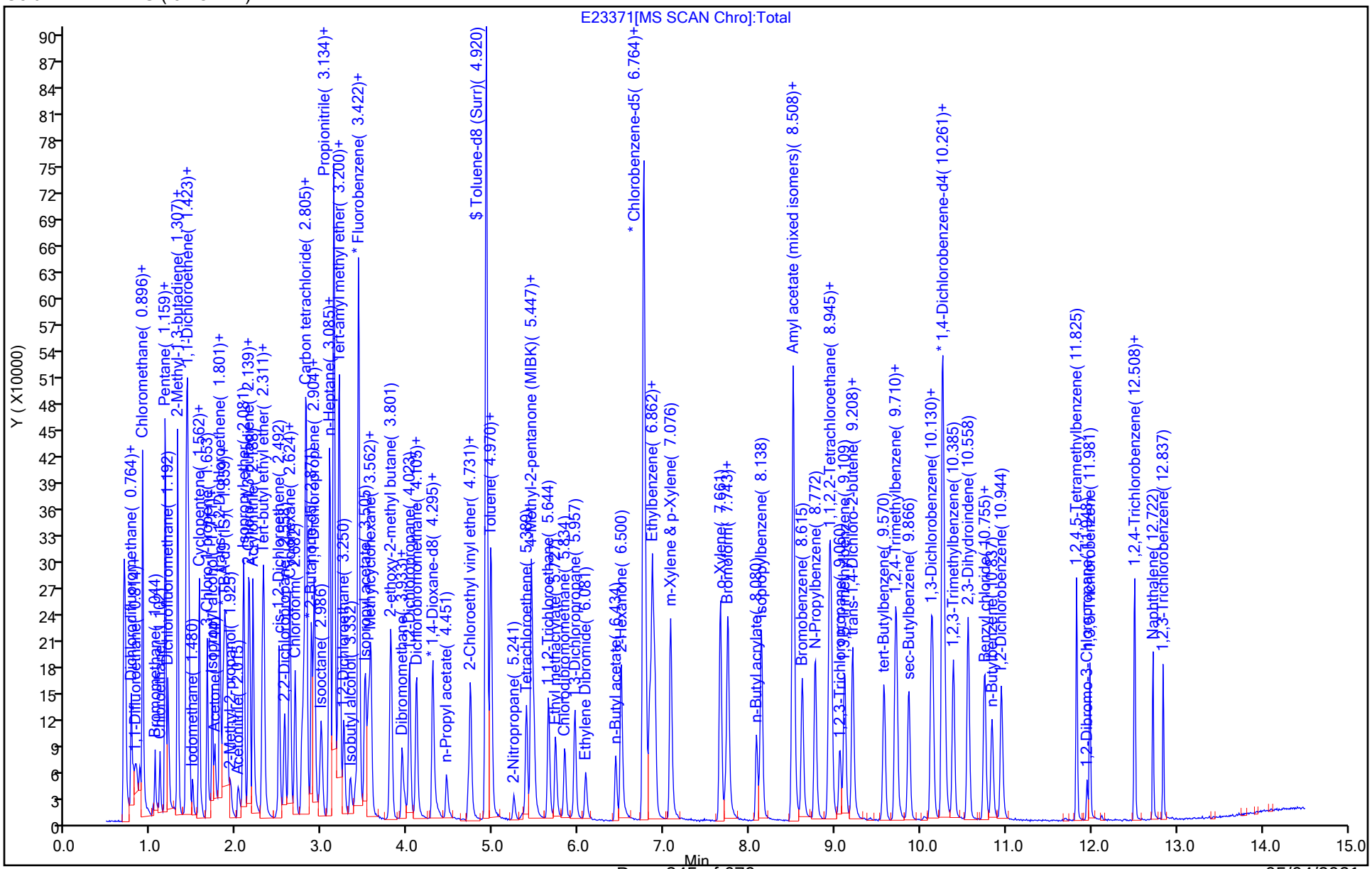
Lims ID: ICV Worklist Smp#: 22

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 10.0000 ALS Bottle#: 21

Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

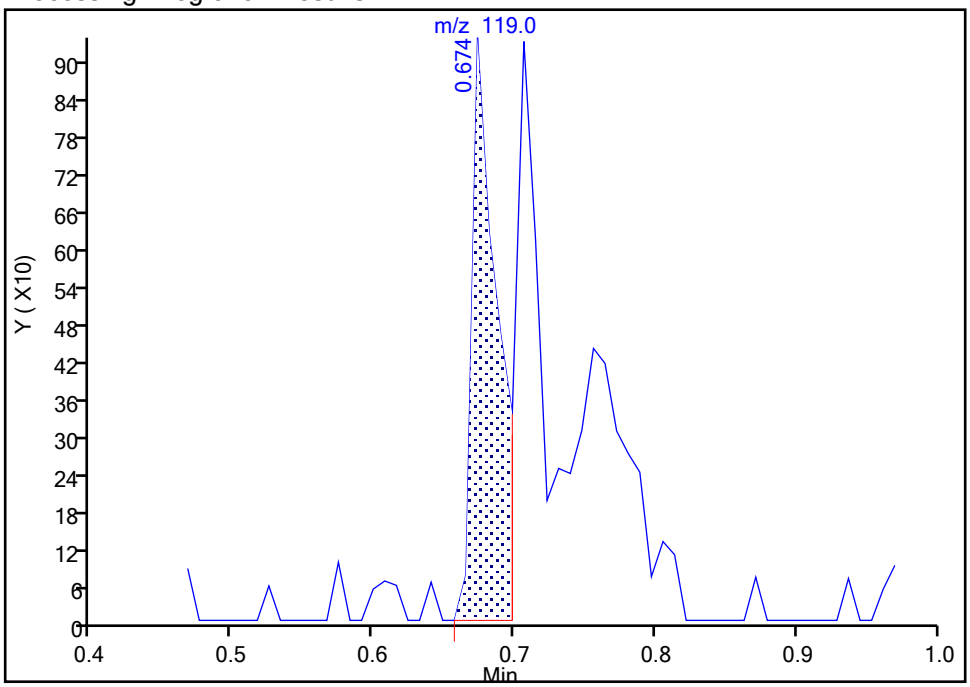
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23371.D
Injection Date: 30-Mar-2021 20:57:30 Instrument ID: CVOAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

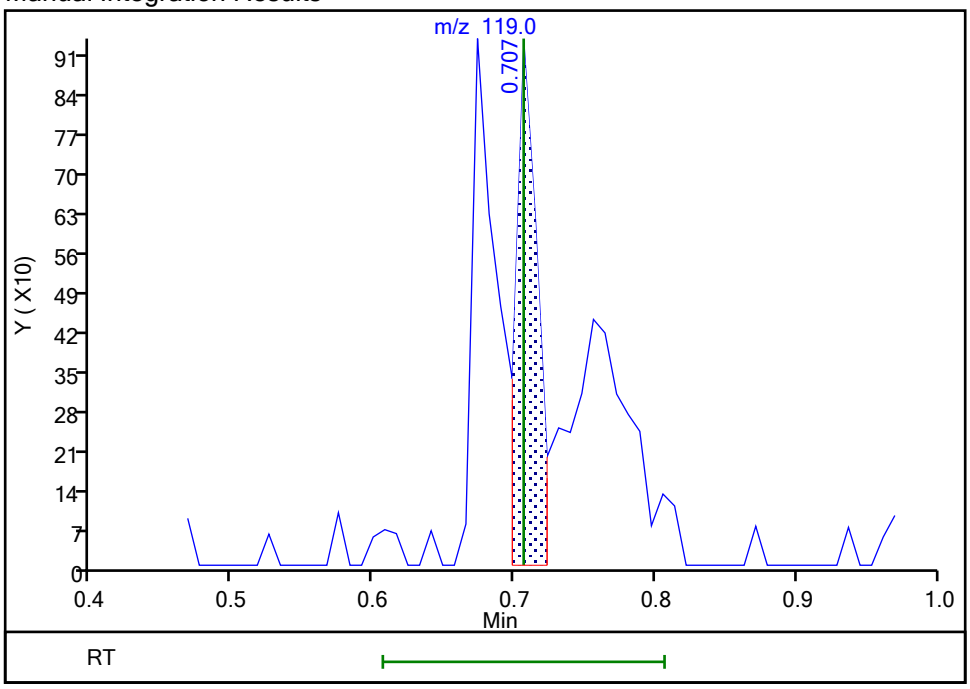
Processing Integration Results

RT: 0.67
Area: 1193
Amount: 3.224715
Amount Units: ug/l



Manual Integration Results

RT: 0.71
Area: 1017
Amount: 2.748981
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 11:45:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

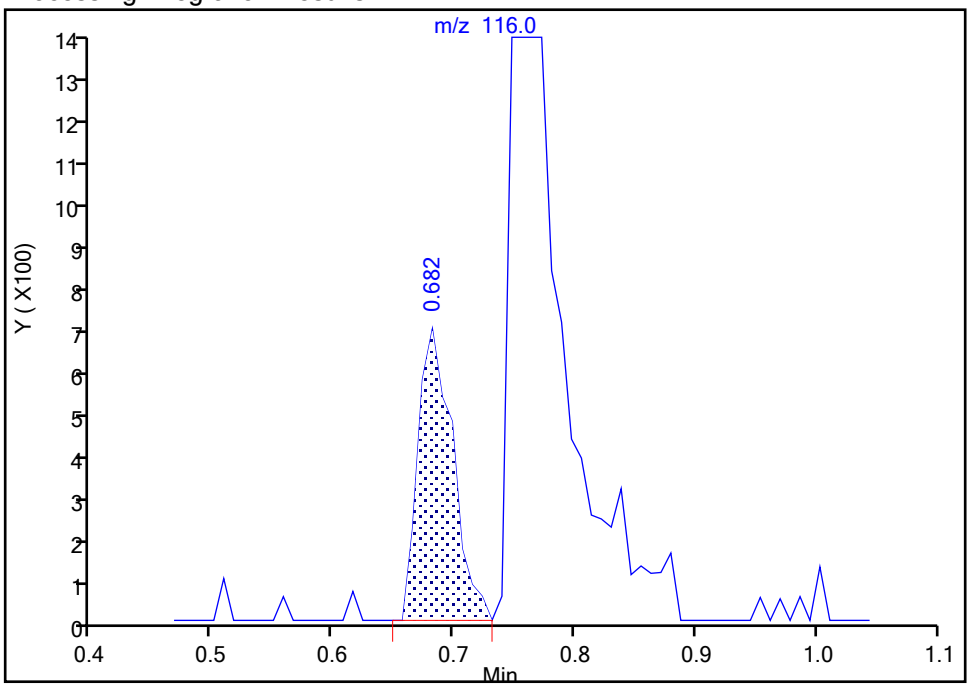
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23371.D
Injection Date: 30-Mar-2021 20:57:30 Instrument ID: CVOAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

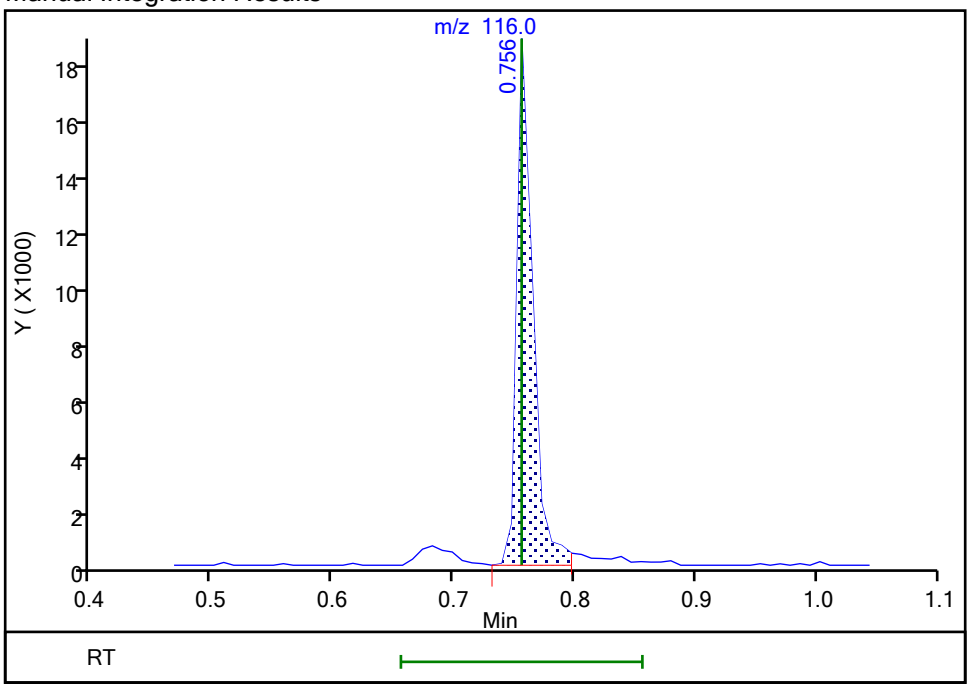
Processing Integration Results

RT: 0.68
Area: 1347
Amount: 1.185367
Amount Units: ug/l



Manual Integration Results

RT: 0.76
Area: 16906
Amount: 17.345785
Amount Units: ug/l



Reviewer: boykink, 30-Mar-2021 21:17:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

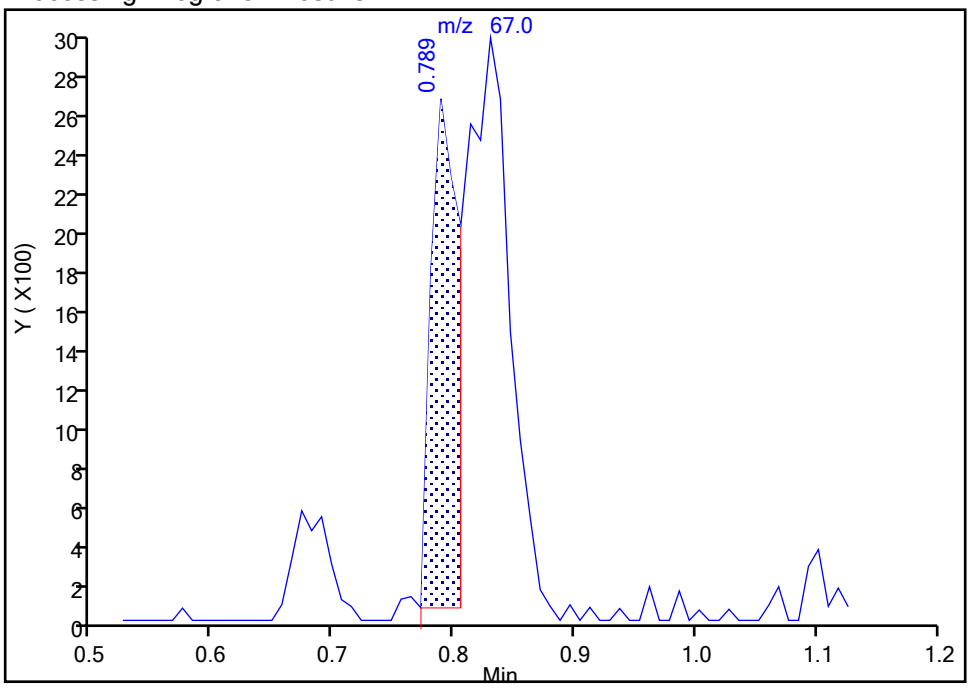
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23371.D
Injection Date: 30-Mar-2021 20:57:30 Instrument ID: CVOAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

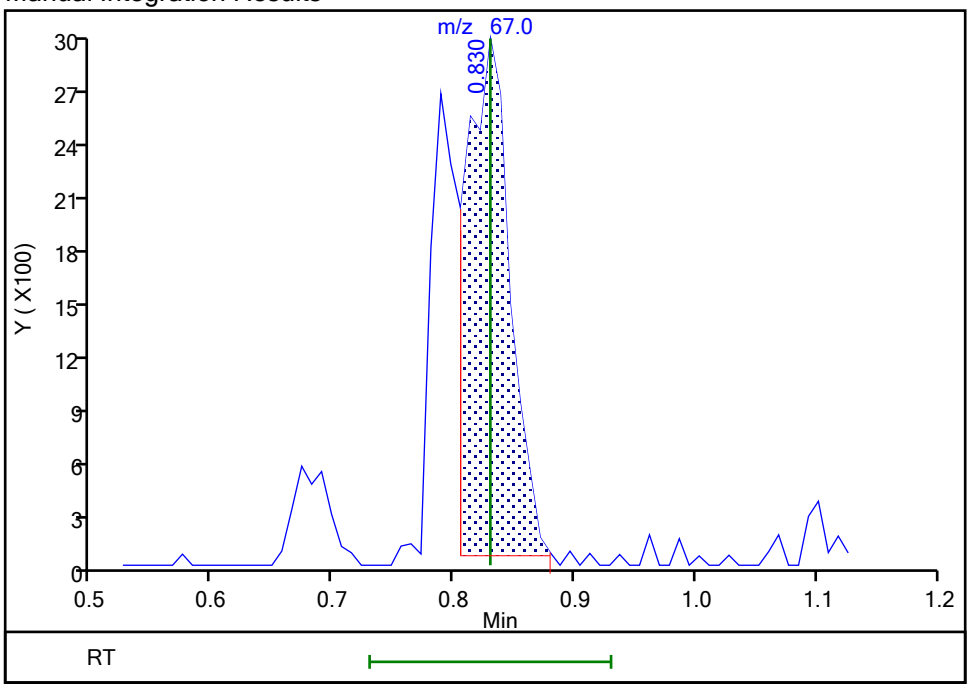
Processing Integration Results

RT: 0.79
Area: 4214
Amount: 10.959340
Amount Units: ug/l



Manual Integration Results

RT: 0.83
Area: 7579
Amount: 19.710687
Amount Units: ug/l



Reviewer: baronm, 01-Apr-2021 11:46:22
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

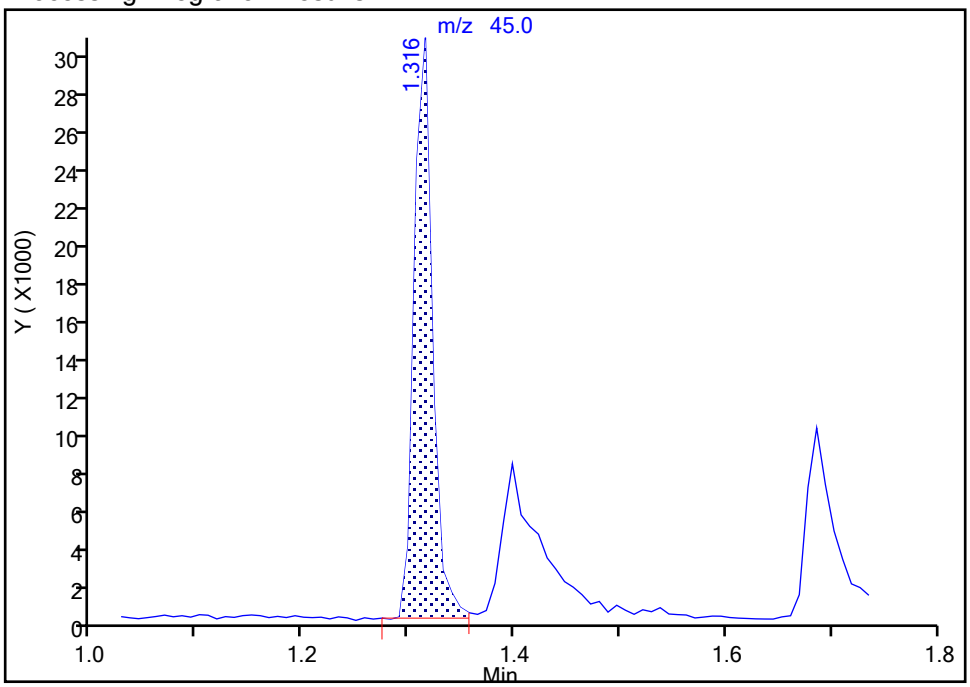
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23371.D
Injection Date: 30-Mar-2021 20:57:30 Instrument ID: CVOAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

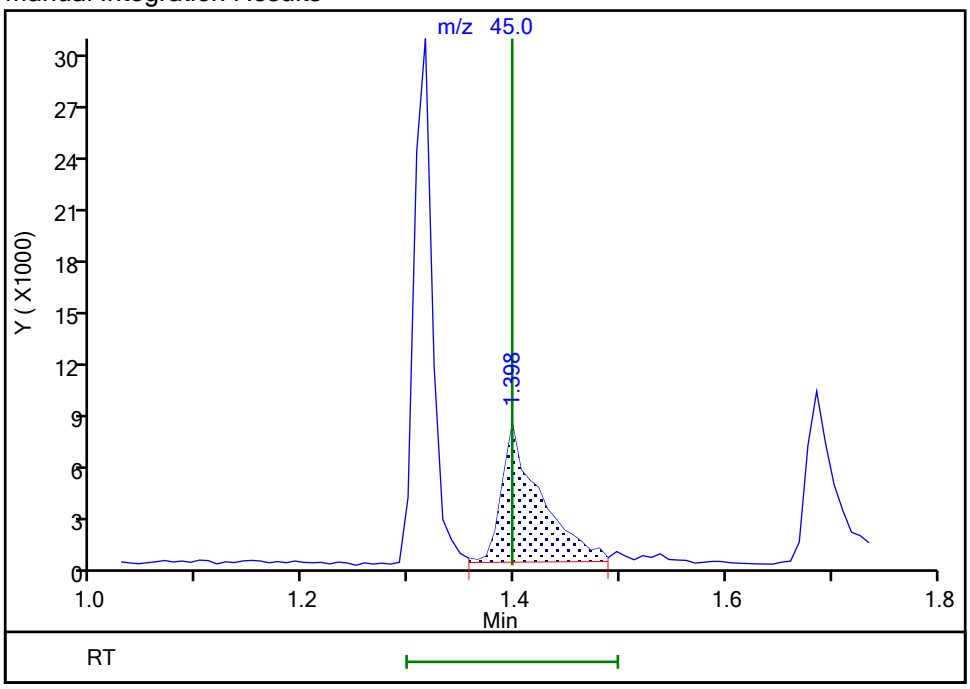
Processing Integration Results

RT: 1.32
Area: 36426
Amount: 1114.2331
Amount Units: ug/l



Manual Integration Results

RT: 1.40
Area: 20474
Amount: 728.3538
Amount Units: ug/l



Reviewer: boykink, 30-Mar-2021 21:18:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: CCVIS 460-774982/4 Calibration Date: 04/30/2021 09:36

Instrument ID: CVOAMS5 Calib Start Date: 03/30/2021 11:36

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 03/30/2021 20:10

Lab File ID: E24701.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4024	0.3789	0.1000	18.8	20.0	-5.9	20.0
Butadiene	Ave	0.3865	0.3574		18.5	20.0	-7.5	20.0
Chloromethane	Ave	0.5690	0.5593	0.1000	19.7	20.0	-1.7	20.0
Vinyl chloride	Ave	0.4138	0.4276	0.1000	20.7	20.0	3.3	20.0
Bromomethane	Ave	0.1771	0.1936	0.1000	21.9	20.0	9.3	50.0
Chloroethane	Ave	2.434	3.109	0.1000	25.5	20.0	27.7	50.0
Pentane	Ave	0.4079	0.4914		48.2	40.0	20.5*	20.0
Trichlorofluoromethane	Ave	0.3918	0.4016	0.1000	20.5	20.0	2.5	20.0
Dichlorofluoromethane	Ave	0.4169	0.5307		25.5	20.0	27.3*	20.0
2-Methyl-1,3-butadiene	Ave	0.4290	0.4319		20.1	20.0	0.7	20.0
Ethyl ether	Ave	0.2403	0.2075		17.3	20.0	-13.7	20.0
Ethanol	QuaF		0.1506		739	800	-7.6	50.0
1,1-Dichloroethene	Ave	0.2546	0.2491	0.1000	19.6	20.0	-2.2	20.0
Carbon disulfide	Ave	1.002	1.005	0.1000	20.1	20.0	0.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2128	0.2049	0.1000	19.3	20.0	-3.7	20.0
Iodomethane	Qua2		0.2541		22.5	20.0	12.3	20.0
Cyclopentene	Ave	0.6729	0.7138		21.2	20.0	6.1	20.0
Acrolein	Ave	1.966	1.257		25.6	40.0	-36.1	50.0
3-Chloro-1-propene	Ave	0.1649	0.1820		22.1	20.0	10.4	20.0
Isopropyl alcohol	Ave	0.5980	0.6115		205	200	2.3	50.0
Methylene Chloride	Ave	0.3217	0.3029	0.1000	18.8	20.0	-5.8	20.0
Acetone	Ave	0.2240	0.2036	0.0500	90.9	100	-9.1	50.0
trans-1,2-Dichloroethene	Ave	0.2937	0.3143	0.1000	21.4	20.0	7.0	20.0
Methyl acetate	Qua2		1.709	0.1000	29.3	40.0	-26.7*	20.0
Hexane	Ave	2.511	2.978		23.7	20.0	18.6	20.0
Methyl tert-butyl ether	Ave	0.7662	0.6718	0.1000	17.5	20.0	-12.3	20.0
2-Methyl-2-propanol	Ave	1.111	1.010		182	200	-9.0	50.0
Acetonitrile	QuaF		1.026		147	200	-26.3*	20.0
Isopropyl ether	Ave	1.009	1.033		20.5	20.0	2.4	20.0
2-Chloro-1,3-butadiene	Ave	0.2608	0.2595		19.9	20.0	-0.5	20.0
1,1-Dichloroethane	Ave	0.5814	0.6029	0.2000	20.7	20.0	3.7	20.0
Acrylonitrile	QuaF		0.0645		137	200	-31.6*	20.0
Tert-butyl ethyl ether	Ave	0.8483	0.8299		19.6	20.0	-2.2	20.0
Vinyl acetate	Qua2		0.5734		43.0	40.0	7.6	20.0
cis-1,2-Dichloroethene	Ave	0.3300	0.3265	0.1000	19.8	20.0	-1.1	20.0
2,2-Dichloropropane	QuaF		0.4567		23.9	20.0	19.3	20.0
Cyclohexane	Ave	0.3485	0.3596	0.1000	20.6	20.0	3.2	50.0
Chlorobromomethane	Ave	0.1436	0.1324		18.4	20.0	-7.9	20.0
Chloroform	Ave	0.5167	0.5439	0.2000	21.1	20.0	5.3	20.0
Carbon tetrachloride	Ave	0.2888	0.3300	0.1000	22.9	20.0	14.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: CCVIS 460-774982/4 Calibration Date: 04/30/2021 09:36

Instrument ID: CVOAMS5 Calib Start Date: 03/30/2021 11:36

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 03/30/2021 20:10

Lab File ID: E24701.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.3218	0.3071		38.2	40.0	-4.6	20.0
Methyl acrylate	Qua2		0.1746		16.2	20.0	-19.2	20.0
Tetrahydrofuran	Ave	0.9786	0.9233		37.7	40.0	-5.7	20.0
1,1,1-Trichloroethane	Ave	0.3994	0.4292	0.1000	21.5	20.0	7.5	20.0
1,1-Dichloropropene	Ave	0.4490	0.4117		18.3	20.0	-8.3	20.0
2-Butanone (MEK)	Ave	0.3433	0.2989	0.0500	87.1	100	-12.9	50.0
Isooctane	Ave	0.5602	0.5821		20.8	20.0	3.9	20.0
n-Heptane	Ave	0.1309	0.1148		17.5	20.0	-12.3	20.0
Benzene	Ave	1.477	1.486	0.5000	20.1	20.0	0.6	20.0
Propionitrile	QuaF		1.853		192	200	-4.1	20.0
Methacrylonitrile	QuaF		0.0853		148	200	-25.8*	20.0
Tert-amyl methyl ether	Ave	0.7557	0.7058		18.7	20.0	-6.6	20.0
1,2-Dichloroethane	Ave	0.3944	0.3595	0.1000	18.2	20.0	-8.8	20.0
Isobutyl alcohol	Ave	0.4239	0.4285		505	500	1.1	50.0
Isopropyl acetate	Ave	0.4207	0.3572		17.0	20.0	-15.1	20.0
Methylcyclohexane	Ave	0.2783	0.2647	0.1000	19.0	20.0	-4.9	50.0
Trichloroethene	Ave	0.2986	0.3003	0.2000	20.1	20.0	0.6	20.0
Dibromomethane	Ave	0.1762	0.1561		17.7	20.0	-11.4	20.0
n-Butanol	QuaF		0.1818		284	500	-43.3	50.0
1,2-Dichloropropane	Ave	0.3304	0.3341	0.1000	20.2	20.0	1.1	20.0
Dichlorobromomethane	Ave	0.4014	0.4044	0.2000	20.2	20.0	0.8	20.0
Ethyl acrylate	Qua2		0.2332		15.6	20.0	-21.9*	20.0
Methyl methacrylate	Ave	0.0637	0.0392		24.6	40.0	-38.4*	20.0
1,4-Dioxane	Ave	1.128	1.097		389	400	-2.7	50.0
n-Propyl acetate	Qua2		0.2536		16.9	20.0	-15.7	20.0
2-Chloroethyl vinyl ether	Qua2		0.0659		11.6	20.0	-42.1*	20.0
cis-1,3-Dichloropropene	Qua2		0.5358	0.2000	18.8	20.0	-6.0	50.0
Toluene	Ave	1.439	1.413	0.4000	19.6	20.0	-1.8	20.0
Epichlorohydrin	QuaF		0.1556		353	400	-11.8	20.0
2-Nitropropane	QuaF		3.000		38.4	40.0	-3.9	20.0
Tetrachloroethene	Ave	0.2446	0.2593	0.2000	21.2	20.0	6.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.461	2.436	0.0500	99.0	100	-1.0	50.0
trans-1,3-Dichloropropene	Qua2		0.4476	0.1000	21.8	20.0	9.2	20.0
1,1,2-Trichloroethane	Ave	0.2435	0.2043	0.1000	16.8	20.0	-16.1	20.0
Ethyl methacrylate	Qua2		0.2891		14.6	20.0	-26.9*	20.0
Chlorodibromomethane	Ave	0.2799	0.2739	0.1000	19.6	20.0	-2.1	50.0
1,3-Dichloropropane	Ave	0.5266	0.4553		17.3	20.0	-13.5	20.0
Ethylene Dibromide	Ave	0.2712	0.2307	0.1000	17.0	20.0	-14.9	20.0
n-Butyl acetate	QuaF		0.2660		11.0	20.0	-44.9*	20.0
2-Hexanone	Ave	1.675	1.624	0.0500	97.0	100	-3.0	50.0
Chlorobenzene	Ave	0.8822	0.8577	0.5000	19.4	20.0	-2.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: CCVIS 460-774982/4 Calibration Date: 04/30/2021 09:36

Instrument ID: CVOAMS5 Calib Start Date: 03/30/2021 11:36

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 03/30/2021 20:10

Lab File ID: E24701.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.4120	0.4252	0.1000	20.6	20.0	3.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2699	0.2903		21.5	20.0	7.6	20.0
m-Xylene & p-Xylene	Ave	0.4911	0.4898	0.1000	19.9	20.0	-0.3	20.0
o-Xylene	Ave	0.5003	0.4781	0.3000	19.1	20.0	-4.4	20.0
Bromoform	Qua2		0.3880	0.1000	18.2	20.0	-9.0	20.0
Styrene	Ave	0.8412	0.8057	0.3000	19.2	20.0	-4.2	20.0
n-Butyl acrylate	Qua2		0.1376		13.6	20.0	-31.8*	20.0
Isopropylbenzene	Ave	1.004	1.030	0.1000	20.5	20.0	2.6	20.0
Amyl acetate (mixed isomers)	Qua2		0.9218		16.1	20.0	-19.5	20.0
Bromobenzene	Ave	0.8417	0.7400		17.6	20.0	-12.1	20.0
N-Propylbenzene	Ave	2.922	2.808		19.2	20.0	-3.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8965	0.6987	0.3000	15.6	20.0	-22.1*	20.0
2-Chlorotoluene	Ave	2.373	2.306		19.4	20.0	-2.8	20.0
4-Ethyltoluene	Ave	2.246	2.162		19.3	20.0	-3.7	20.0
1,2,3-Trichloropropane	Ave	0.2397	0.1905		15.9	20.0	-20.5*	20.0
1,3,5-Trimethylbenzene	Ave	1.900	1.767		18.6	20.0	-7.0	20.0
trans-1,4-Dichloro-2-butene	QuaF		0.2758		20.1	20.0	0.5	20.0
4-Chlorotoluene	Ave	2.227	2.054		18.4	20.0	-7.8	20.0
tert-Butylbenzene	Ave	1.561	1.399		17.9	20.0	-10.4	20.0
1,2,4-Trimethylbenzene	Ave	1.906	1.779		18.7	20.0	-6.7	20.0
Butyl Methacrylate	Qua2		0.7377		17.8	20.0	-10.8	20.0
sec-Butylbenzene	Ave	2.179	1.920		17.6	20.0	-11.9	20.0
1,3-Dichlorobenzene	Ave	1.252	1.210	0.6000	19.3	20.0	-3.4	20.0
4-Isopropyltoluene	Ave	1.727	1.495		17.3	20.0	-13.4	20.0
1,4-Dichlorobenzene	Ave	1.337	1.218	0.5000	18.2	20.0	-8.9	20.0
1,2,3-Trimethylbenzene	Ave	2.100	1.985		18.9	20.0	-5.4	20.0
Indan	Ave	2.317	2.081		18.0	20.0	-10.2	20.0
Benzyl chloride	QuaF		0.2463		21.0	20.0	5.2	50.0
p-Diethylbenzene	Ave	0.7916	0.7868		19.9	20.0	-0.6	20.0
n-Butylbenzene	Ave	0.7718	0.7699		19.9	20.0	-0.3	20.0
1,2-Dichlorobenzene	Ave	1.232	1.206	0.4000	19.6	20.0	-2.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.655	1.491		18.0	20.0	-9.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1498	0.1193	0.0500	15.9	20.0	-20.4	50.0
1,3,5-Trichlorobenzene	Ave	0.6299	0.6878		21.8	20.0	9.2	20.0
1,2,4-Trichlorobenzene	Ave	0.5789	0.5712	0.2000	19.7	20.0	-1.3	20.0
Hexachlorobutadiene	Qua2		0.2471		18.6	20.0	-7.1	20.0
Naphthalene	Ave	1.509	1.203		15.9	20.0	-20.3	50.0
1,2,3-Trichlorobenzene	Ave	0.5069	0.4821		19.0	20.0	-4.9	20.0
Dibromofluoromethane (Surr)	Ave	0.3216	0.3103		48.2	50.0	-3.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3778	0.3578		47.3	50.0	-5.3	20.0
Toluene-d8 (Surr)	Ave	1.474	1.421		48.2	50.0	-3.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: CCVIS 460-774982/4 Calibration Date: 04/30/2021 09:36

Instrument ID: CVOAMS5 Calib Start Date: 03/30/2021 11:36

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 03/30/2021 20:10

Lab File ID: E24701.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Bromofluorobenzene	Ave	0.3407	0.3325		48.8	50.0	-2.4	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24701.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Apr-2021 09:36:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0127880-004
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub64

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-May-2021 09:57:58 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1647

First Level Reviewer: starzecm Date: 30-Apr-2021 12:51:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.764	0.764	0.000	99	65884	20.0	18.8	
7 Vinyl chloride	62	0.896	0.896	0.000	97	74367	20.0	20.7	
8 Butadiene	54	0.896	0.896	0.000	97	62145	20.0	18.5	
6 Chloromethane	50	0.896	0.896	0.000	98	97261	20.0	19.7	
9 Bromomethane	94	1.044	1.044	0.000	98	33667	20.0	21.9	
10 Chloroethane	64	1.102	1.102	0.000	99	39244	20.0	25.5	
12 Pentane	72	1.159	1.159	0.000	97	12406	40.0	48.2	
11 Trichlorofluoromethane	101	1.159	1.159	0.000	96	69844	20.0	20.5	
13 Dichlorofluoromethane	67	1.192	1.192	0.000	99	92291	20.0	25.5	
14 2-Methyl-1,3-butadiene	67	1.307	1.307	0.000	97	75105	20.0	20.1	
15 Ethyl ether	59	1.316	1.316	0.000	91	36081	20.0	17.3	
16 Ethanol	45	1.398	1.398	0.000	26	14762	800.0	739.2	a
17 1,1-Dichloroethene	96	1.406	1.406	0.000	96	43320	20.0	19.6	
19 Carbon disulfide	76	1.423	1.423	0.000	99	174737	20.0	20.1	
20 112TCTFE	101	1.431	1.431	0.000	93	35634	20.0	19.3	
22 Iodomethane	142	1.480	1.480	0.000	98	44188	20.0	22.5	
23 Cyclopentene	67	1.562	1.562	0.000	96	124134	20.0	21.2	
24 Acrolein	56	1.587	1.587	0.000	84	6160	40.0	25.6	
25 3-Chloro-1-propene	76	1.653	1.653	0.000	93	31658	20.0	22.1	
26 Isopropyl alcohol	45	1.686	1.686	0.000	55	14984	200.0	204.5	
27 Methylene Chloride	84	1.711	1.711	0.000	97	52682	20.0	18.8	
28 Acetone	58	1.744	1.744	0.000	90	12850	100.0	90.9	
29 trans-1,2-Dichloroethene	96	1.801	1.801	0.000	94	54654	20.0	21.4	
30 Methyl acetate	74	1.818	1.818	0.000	99	8376	40.0	29.3	
31 Hexane	86	1.834	1.834	0.000	83	7297	20.0	23.7	
32 Methyl tert-butyl ether	73	1.859	1.859	0.000	98	116824	20.0	17.5	
* 33 TBA-d9 (IS)	65	1.883	1.883	0.000	100	122510	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.925	1.925	0.000	100	24756	200.0	181.9	
35 Acetonitrile	41	2.015	2.015	0.000	98	25134	200.0	147.3	
36 Isopropyl ether	45	2.081	2.081	0.000	98	179714	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
37 2-Chloro-1,3-butadiene	88	2.139	2.139	0.000	92	45128	20.0	19.9	
38 1,1-Dichloroethane	63	2.147	2.147	0.000	99	104850	20.0	20.7	
39 Acrylonitrile	53	2.188	2.188	0.000	95	112114	200.0	136.8	
40 Tert-butyl ethyl ether	59	2.303	2.303	0.000	89	144319	20.0	19.6	
41 Vinyl acetate	86	2.320	2.320	0.000	100	14478	40.0	43.0	
42 cis-1,2-Dichloroethene	96	2.492	2.492	0.000	96	56777	20.0	19.8	
43 2,2-Dichloropropane	77	2.558	2.558	0.000	97	79425	20.0	23.9	
44 Cyclohexane	56	2.616	2.616	0.000	92	62529	20.0	20.6	
45 Chlorobromomethane	128	2.624	2.624	0.000	93	23016	20.0	18.4	
46 Chloroform	83	2.682	2.682	0.000	98	94578	20.0	21.1	
47 Carbon tetrachloride	117	2.764	2.764	0.000	98	57387	20.0	22.9	
49 Ethyl acetate	70	2.789	2.789	0.000	99	7755	40.0	38.2	
50 Tetrahydrofuran	42	2.789	2.789	0.000	94	23311	40.0	37.7	
48 Methyl acrylate	55	2.789	2.789	0.000	72	30365	20.0	16.2	
$ 51 Dibromofluoromethane (Surr)	113	2.805	2.805	0.000	96	134919	50.0	48.2	
52 1,1,1-Trichloroethane	97	2.813	2.813	0.000	98	74645	20.0	21.5	
* 53 2-Butanone-d5	46	2.871	2.871	0.000	99	157804	250.0	250.0	
54 1,1-Dichloropropene	75	2.904	2.904	0.000	96	71592	20.0	18.3	
55 2-Butanone (MEK)	72	2.904	2.904	0.000	75	18866	100.0	87.1	
56 Isooctane	57	2.986	2.986	0.000	99	101232	20.0	20.8	
57 n-Heptane	57	3.077	3.077	0.000	95	19958	20.0	17.5	
58 Benzene	78	3.085	3.085	0.000	96	232490	20.0	20.1	
59 Propionitrile	54	3.126	3.126	0.000	93	45402	200.0	191.8	
60 Methacrylonitrile	67	3.134	3.134	0.000	92	148273	200.0	148.5	
62 Tert-amyl methyl ether	73	3.192	3.192	0.000	74	122745	20.0	18.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.200	3.200	0.000	97	155533	50.0	47.3	
63 1,2-Dichloroethane	62	3.250	3.250	0.000	97	62525	20.0	18.2	
64 Isobutyl alcohol	43	3.324	3.324	0.000	95	26248	500.0	505.4	
65 t-Amyl alcohol	59	3.389	3.389	0.000	96	17426	200.0	188.2	
* 66 Fluorobenzene	96	3.422	3.422	0.000	99	434749	50.0	50.0	
67 Isopropyl acetate	43	3.496	3.496	0.000	99	62110	20.0	17.0	
68 Methylcyclohexane	83	3.538	3.538	0.000	93	46035	20.0	19.0	
69 Trichloroethene	95	3.571	3.571	0.000	97	52227	20.0	20.1	
70 2-ethoxy-2-methyl butane	59	3.801	3.801	0.000	96	121537	20.0	21.5	
71 Dibromomethane	93	3.933	3.933	0.000	97	27153	20.0	17.7	
72 n-Butanol	56	3.974	3.974	0.000	80	11137	500.0	283.7	
73 1,2-Dichloropropane	63	4.015	4.015	0.000	91	58101	20.0	20.2	
74 Dichlorobromomethane	83	4.097	4.097	0.000	99	70332	20.0	20.2	
75 Ethyl acrylate	55	4.105	4.105	0.000	94	40556	20.0	15.6	
* 76 1,4-Dioxane-d8	96	4.287	4.287	0.000	45	14397	1000.0	1000.0	
77 Methyl methacrylate	100	4.295	4.295	0.000	90	13639	40.0	24.6	
78 1,4-Dioxane	88	4.311	4.311	0.000	37	6319	400.0	389.1	
79 n-Propyl acetate	43	4.451	4.451	0.000	98	44109	20.0	16.9	
80 2-Chloroethyl vinyl ether	63	4.714	4.714	0.000	94	11485	20.0	11.6	
81 cis-1,3-Dichloropropene	75	4.731	4.731	0.000	92	83807	20.0	18.8	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	99	555596	50.0	48.2	
83 Toluene	91	4.970	4.970	0.000	93	221066	20.0	19.6	
84 Epichlorohydrin	57	5.019	5.019	0.000	29	39281	400.0	352.7	
85 2-Nitropropane	41	5.241	5.241	0.000	98	14701	40.0	38.4	
86 Tetrachloroethene	166	5.389	5.389	0.000	94	40566	20.0	21.2	
87 4-Methyl-2-pentanone (MIBK)	43	5.447	5.447	0.000	97	153765	100.0	99.0	
88 trans-1,3-Dichloropropene	75	5.480	5.480	0.000	93	70007	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 1,1,2-Trichloroethane	83	5.644	5.644	0.000	95	31959	20.0	16.8	
90 Ethyl methacrylate	69	5.727	5.727	0.000	90	45213	20.0	14.6	
91 Chlorodibromomethane	129	5.842	5.842	0.000	98	42840	20.0	19.6	
92 1,3-Dichloropropane	76	5.957	5.957	0.000	94	71211	20.0	17.3	
93 Ethylene Dibromide	107	6.081	6.081	0.000	98	36089	20.0	17.0	
94 n-Butyl acetate	43	6.434	6.434	0.000	99	41599	20.0	11.0	
95 2-Hexanone	43	6.500	6.500	0.000	95	102520	100.0	97.0	
* 96 Chlorobenzene-d5	117	6.755	6.755	0.000	87	391037	50.0	50.0	
97 Chlorobenzene	112	6.780	6.780	0.000	97	134152	20.0	19.4	
98 Ethylbenzene	106	6.862	6.862	0.000	99	66509	20.0	20.6	
99 1,1,1,2-Tetrachloroethane	133	6.887	6.887	0.000	95	45411	20.0	21.5	
100 m-Xylene & p-Xylene	106	7.076	7.076	0.000	97	76609	20.0	19.9	
101 o-Xylene	106	7.661	7.661	0.000	94	74783	20.0	19.1	
102 Bromoform	173	7.727	7.727	0.000	93	23946	20.0	18.2	
103 Styrene	104	7.743	7.743	0.000	94	126027	20.0	19.2	
104 n-Butyl acrylate	73	8.080	8.080	0.000	98	21520	20.0	13.6	
105 Isopropylbenzene	105	8.138	8.138	0.000	96	161137	20.0	20.5	
106 Amyl acetate (mixed isomers)	43	8.492	8.492	0.000	91	56896	20.0	16.1	
$ 107 4-Bromofluorobenzene	174	8.508	8.508	0.000	86	130033	50.0	48.8	
108 Bromobenzene	156	8.615	8.615	0.000	96	45674	20.0	17.6	
109 N-Propylbenzene	91	8.763	8.763	0.000	98	173329	20.0	19.2	
110 1,1,2,2-Tetrachloroethane	83	8.920	8.920	0.000	97	43122	20.0	15.6	
111 2-Chlorotoluene	91	8.936	8.936	0.000	96	142354	20.0	19.4	
112 4-Ethyltoluene	105	8.953	8.953	0.000	98	133432	20.0	19.3	
113 1,2,3-Trichloropropane	110	9.052	9.052	0.000	98	11756	20.0	15.9	
114 1,3,5-Trimethylbenzene	105	9.109	9.109	0.000	93	109087	20.0	18.6	
115 trans-1,4-Dichloro-2-butene	75	9.191	9.191	0.000	44	17024	20.0	20.1	
116 4-Chlorotoluene	91	9.200	9.200	0.000	98	126793	20.0	18.4	
117 tert-Butylbenzene	119	9.570	9.570	0.000	94	86349	20.0	17.9	
119 1,2,4-Trimethylbenzene	105	9.702	9.702	0.000	97	109772	20.0	18.7	
118 Butyl Methacrylate	87	9.718	9.718	0.000	93	45529	20.0	17.8	
120 sec-Butylbenzene	105	9.858	9.858	0.000	99	118512	20.0	17.6	
121 1,3-Dichlorobenzene	146	10.121	10.121	0.000	94	74692	20.0	19.3	
122 4-Isopropyltoluene	119	10.138	10.138	0.000	98	92287	20.0	17.3	
* 123 1,4-Dichlorobenzene-d4	152	10.253	10.253	0.000	97	154304	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.278	10.278	0.000	93	75180	20.0	18.2	
125 1,2,3-Trimethylbenzene	105	10.385	10.385	0.000	99	122534	20.0	18.9	
126 2,3-Dihydroindene	117	10.558	10.558	0.000	95	128413	20.0	18.0	
128 Benzyl chloride	126	10.739	10.739	0.000	98	15205	20.0	21.0	
127 p-Diethylbenzene	119	10.747	10.747	0.000	93	48562	20.0	19.9	
129 n-Butylbenzene	92	10.837	10.837	0.000	99	47519	20.0	19.9	
130 1,2-Dichlorobenzene	146	10.944	10.944	0.000	95	74428	20.0	19.6	
131 1,2,4,5-Tetramethylbenzene	119	11.825	11.825	0.000	97	92028	20.0	18.0	
132 1,2-Dibromo-3-Chloropropane	157	11.948	11.948	0.000	93	7363	20.0	15.9	
133 1,3,5-Trichlorobenzene	180	11.981	11.981	0.000	97	42454	20.0	21.8	
134 1,2,4-Trichlorobenzene	180	12.500	12.500	0.000	93	35257	20.0	19.7	
135 Hexachlorobutadiene	225	12.508	12.508	0.000	95	15254	20.0	18.6	
136 Naphthalene	128	12.722	12.722	0.000	100	74276	20.0	15.9	
137 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	95	29755	20.0	19.0	
S 138 1,2-Dichloroethene, Total	100				0		40.0	41.2	
S 139 1,3-Dichloropropene, Total	100				0		40.0	40.6	
S 140 Xylenes, Total	100				0		40.0	39.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 141 Total BTEX	1				0		100.0	99.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00123	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00136	Amount Added:	20.00	Units: uL	
GASES Li_00418	Amount Added:	20.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-May-2021 09:58:00 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24701.D

Injection Date: 30-Apr-2021 09:36:30 Instrument ID: CVOAMS5 Operator ID:

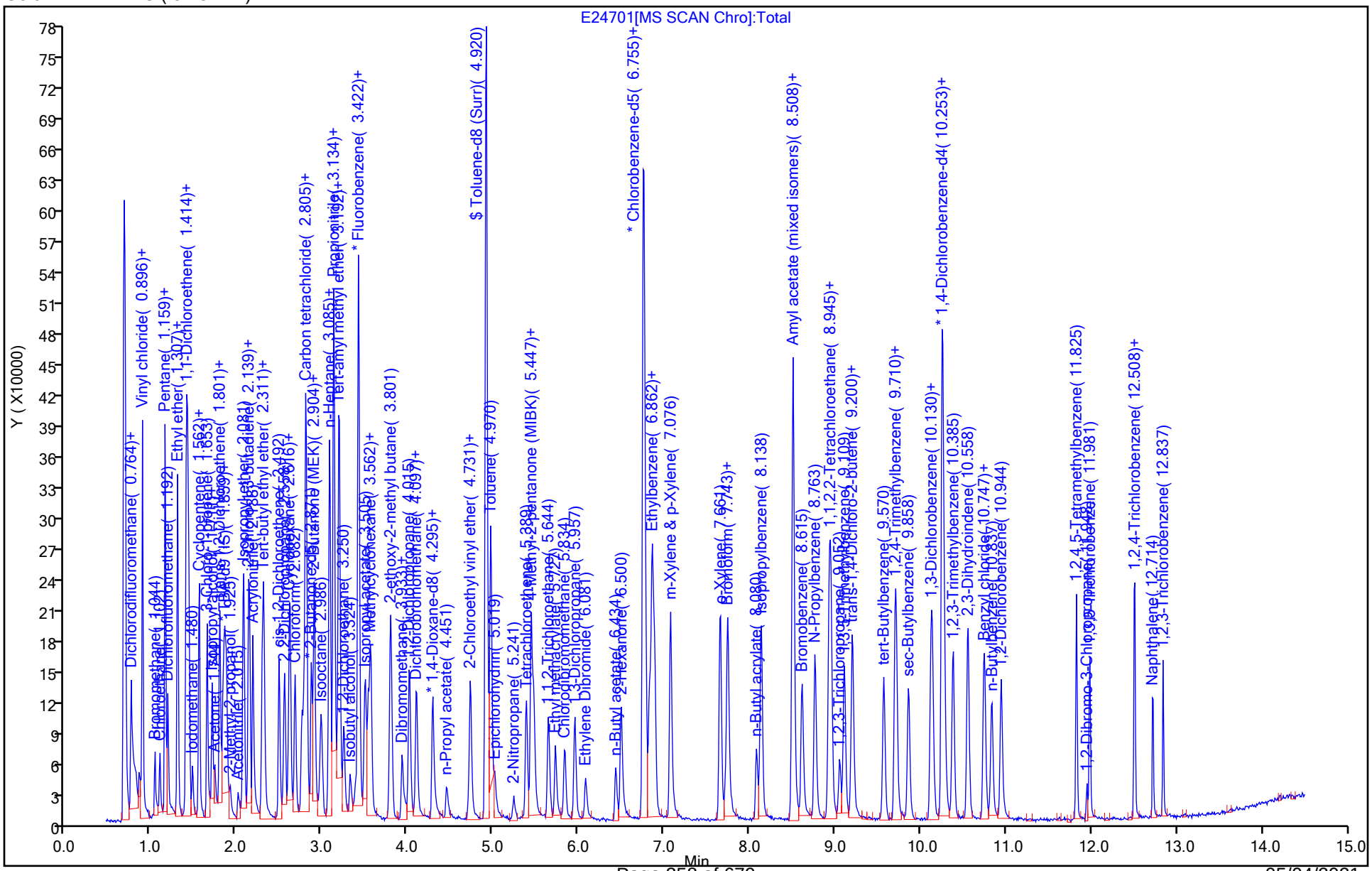
Lims ID: CCVIS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-VMS (0.18 mm)



Eurofins TestAmerica, Edison

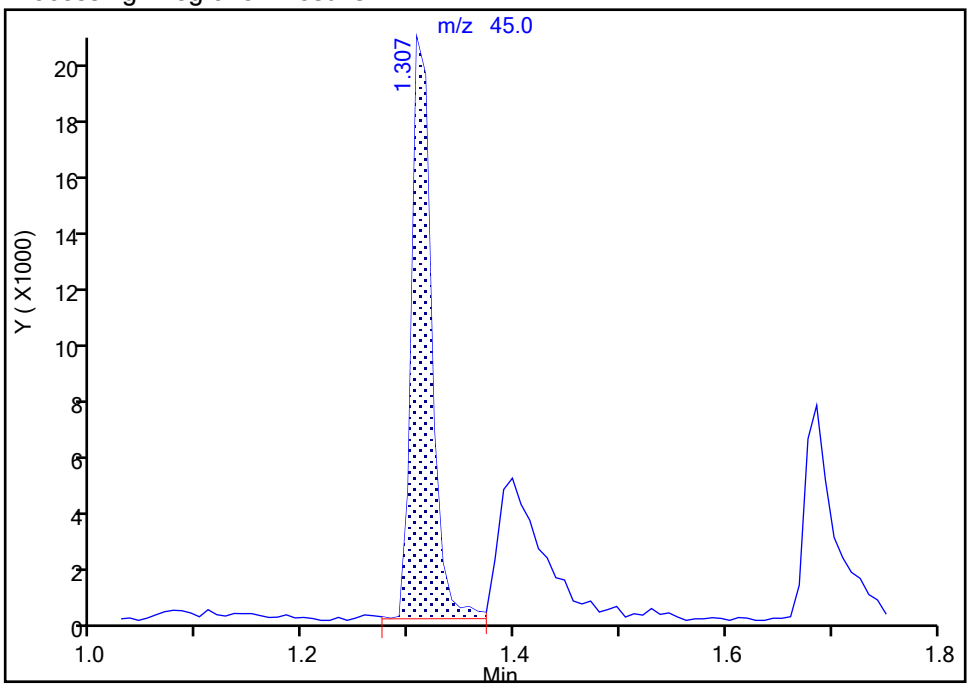
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24701.D
Injection Date: 30-Apr-2021 09:36:30 Instrument ID: CVOAMS5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

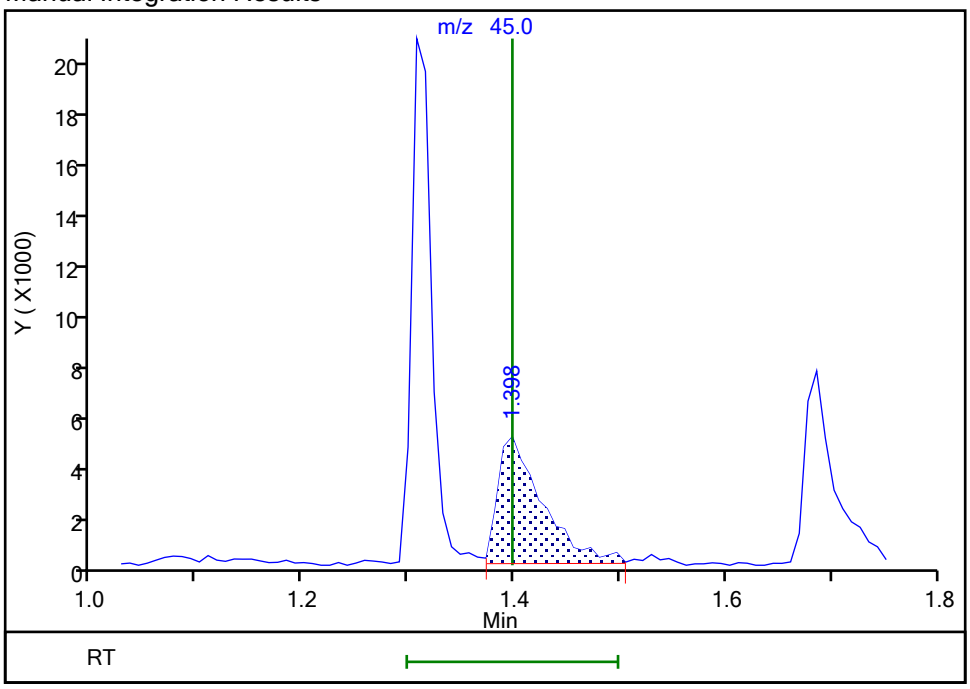
Processing Integration Results

RT: 1.31
Area: 27608
Amount: 1393.8146
Amount Units: ug/l



Manual Integration Results

RT: 1.40
Area: 14762
Amount: 739.2046
Amount Units: ug/l



Reviewer: starzecm, 30-Apr-2021 09:54:18
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23350.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 30-Mar-2021 10:05:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Operator ID: Instrument ID: CVOAMS5

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Apr-2021 11:47:39 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: martineze Date: 30-Mar-2021 10:29:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 143 BFB	95	2.004	2.004	0.000	0	66076	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

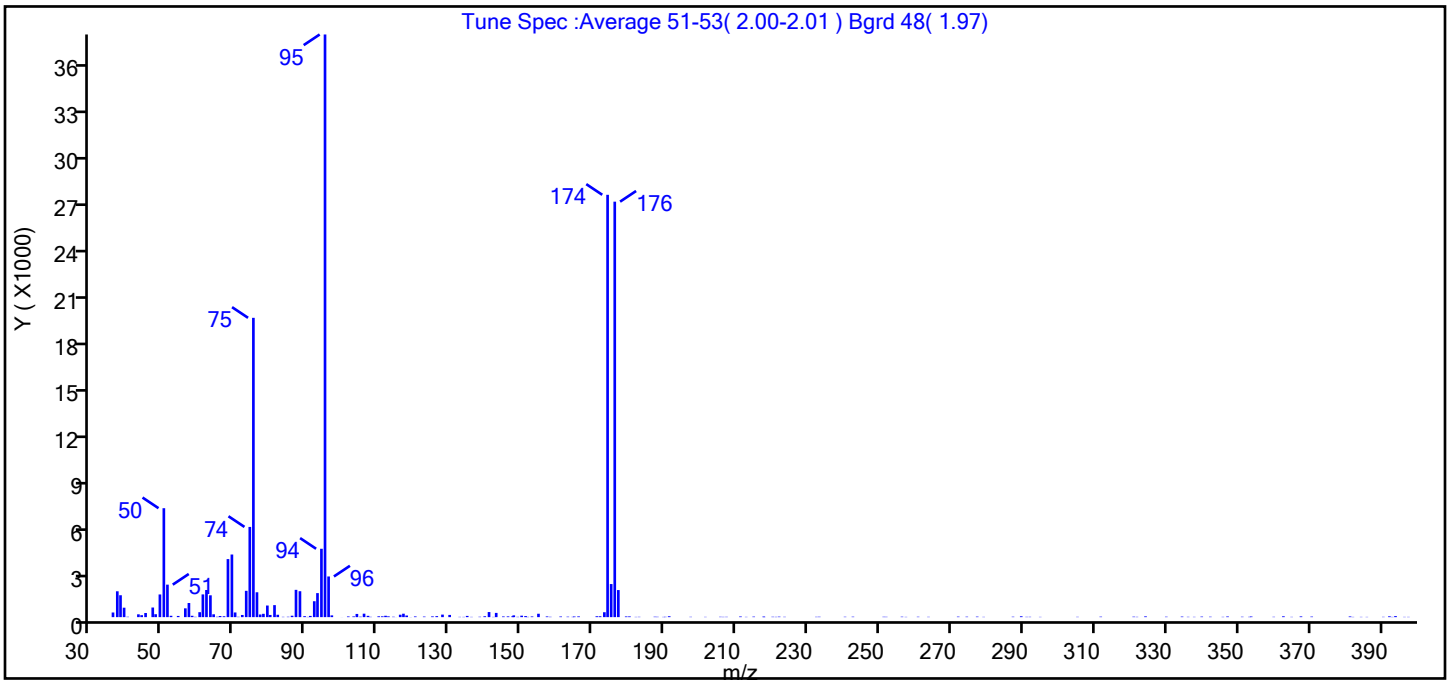
BFB_00029 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23350.D
Injection Date: 30-Mar-2021 10:05:30 Instrument ID: CVOAMS5
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.7
75	30 to 60% of m/z 95	51.4
96	5 to 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.8 (1.2)
174	50 to 120% of m/z 95	72.5
175	5 to 9% of m/z 174	5.7 (7.8)
176	Greater than 95% but less than 101% of m/z 174	71.3 (98.4)
177	5 to 9% of m/z 176	4.6 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23350.D\8260W_5.rslt\spectra.d
Injection Date: 30-Mar-2021 10:05:30
Spectrum: Tune Spec :Average 51-53(2.00-2.01) Bgrd 48(1.97)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 186

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	298	89.00	62	150.00	94	252.00	21
37.00	1658	90.00	16	151.00	68	256.00	29
38.00	1404	91.00	79	152.00	18	257.00	17
39.00	606	92.00	1020	153.00	44	261.00	26
40.00	25	93.00	1541	155.00	218	264.00	20
43.00	181	94.00	4384	157.00	46	272.00	33
44.00	126	95.00	37360	158.00	22	274.00	30
45.00	265	96.00	2608	161.00	41	277.00	34
47.00	617	97.00	113	163.00	30	279.00	18
48.00	188	100.00	3	164.00	20	287.00	28
49.00	1455	102.00	43	165.00	39	290.00	55
50.00	6985	103.00	45	166.00	47	291.00	20
51.00	2084	104.00	206	171.00	57	292.00	22
52.00	87	105.00	29	172.00	56	295.00	17
54.00	77	106.00	222	173.00	315	305.00	20
56.00	565	107.00	84	174.00	27080	312.00	31
57.00	906	108.00	20	175.00	2122	321.00	30
58.00	87	110.00	53	176.00	26640	322.00	20
59.00	20	111.00	52	177.00	1736	324.00	49
60.00	317	112.00	88	179.00	45	330.00	28
61.00	1458	113.00	50	180.00	47	334.00	36
62.00	1740	114.00	26	182.00	17	336.00	21
63.00	1400	115.00	3	183.00	21	338.00	19
64.00	183	116.00	156	187.00	28	340.00	35
65.00	25	117.00	221	188.00	22	342.00	27
66.00	72	118.00	104	190.00	16	346.00	19
67.00	56	119.00	6	190.00	21	347.00	42
68.00	3722	120.00	45	191.00	57	351.00	26
69.00	4016	123.00	36	197.00	21	353.00	20
70.00	300	125.00	49	201.00	18	354.00	40
71.00	23	126.00	65	206.00	24	360.00	22
72.00	139	128.00	163	206.00	19	363.00	53
73.00	1688	130.00	143	207.00	21	365.00	18

Report Date: 01-Apr-2021 11:47:39 Chrom Revision: 2.3 05-Feb-2021 00:13:28
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23350.D\8260W_5.rslt\spectra.d
Injection Date: 30-Mar-2021 10:05:30
Spectrum: Tune Spec :Average 51-53(2.00-2.01) Bgrd 48(1.97)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 186

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	5785	133.00	18	211.00	42	368.00	47
75.00	19192	134.00	16	213.00	18	371.00	35
76.00	1595	135.00	79	215.00	34	381.00	45
77.00	171	136.00	17	218.00	36	382.00	16
78.00	214	138.00	25	218.00	17	384.00	17
79.00	745	140.00	57	220.00	25	386.00	16
80.00	140	141.00	326	221.00	20	391.00	20
81.00	770	142.00	16	222.00	32	392.00	53
82.00	152	143.00	272	223.00	22	393.00	16
83.00	20	145.00	44	232.00	22	394.00	66
85.00	25	146.00	48	233.00	26	396.00	17
86.00	91	148.00	58	240.00	25	398.00	17
87.00	1750	148.00	114	242.00	29		
88.00	1662	149.00	20	251.00	24		

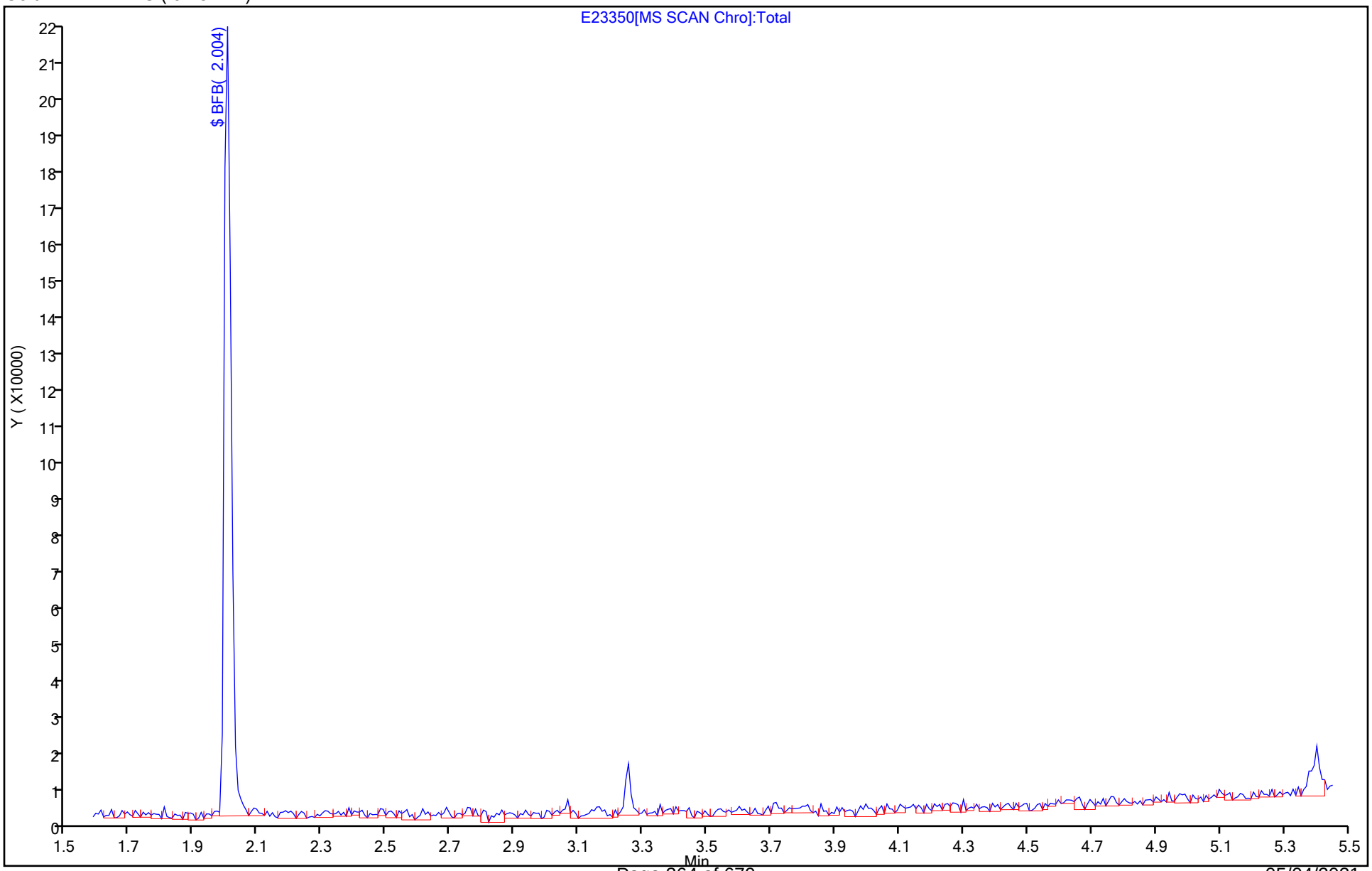
Report Date: 01-Apr-2021 11:47:39 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23350.D

Injection Date:	30-Mar-2021 10:05:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-VMS (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24698.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 30-Apr-2021 08:21:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0127880-001
Operator ID: Instrument ID: CVOAMS5

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 12:50:57 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1655

First Level Reviewer: starzecm Date: 30-Apr-2021 12:50:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 143 BFB	95	1.996	1.996	0.000	0	56316	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

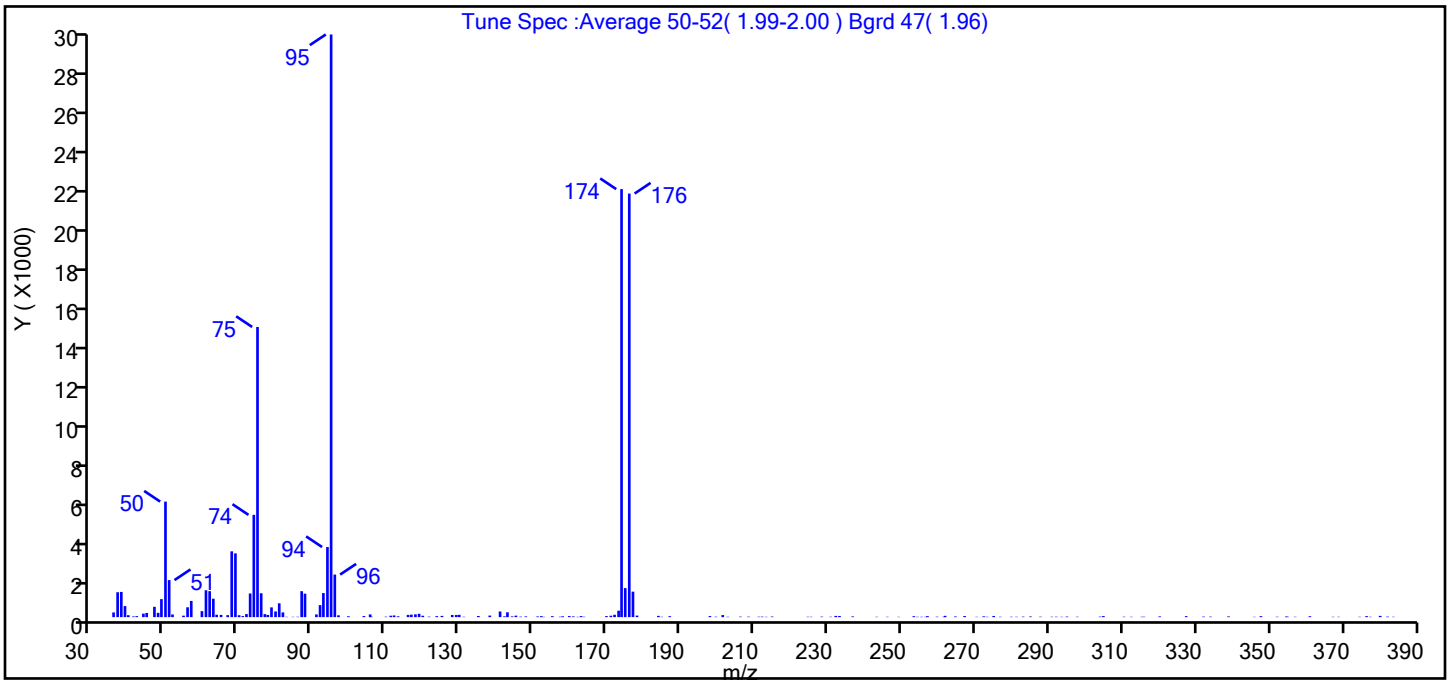
BFB_00029 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24698.D
Injection Date: 30-Apr-2021 08:21:30 Instrument ID: CVOAMS5
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.8
75	30 to 60% of m/z 95	49.8
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	1.1 (1.5)
174	50 to 120% of m/z 95	73.5
175	5 to 9% of m/z 174	5.0 (6.8)
176	Greater than 95% but less than 101% of m/z 174	72.7 (99.0)
177	5 to 9% of m/z 176	4.4 (6.0)

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24698.D\8260W_5.rslt\spectra.d
Injection Date: 30-Apr-2021 08:21:30
Spectrum: Tune Spec :Average 50-52(1.99-2.00) Bgrd 47(1.96)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 175

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	237	88.00	1183	161.00	36	265.00	34
37.00	1255	91.00	137	162.00	16	267.00	55
38.00	1270	92.00	606	163.00	52	270.00	17
39.00	558	93.00	1214	164.00	20	272.00	39
40.00	98	94.00	3532	170.00	52	273.00	19
41.00	35	95.00	29360	171.00	72	275.00	59
42.00	51	96.00	2146	172.00	119	277.00	19
44.00	177	97.00	92	173.00	325	280.00	20
45.00	210	100.00	45	174.00	21568	281.00	19
47.00	520	104.00	55	175.00	1464	283.00	26
48.00	216	106.00	137	176.00	21344	285.00	34
49.00	908	106.00	26	177.00	1284	288.00	23
50.00	5822	110.00	24	178.00	79	291.00	20
51.00	1867	111.00	72	184.00	65	292.00	21
52.00	135	112.00	86	185.00	18	294.00	17
55.00	75	113.00	42	187.00	47	295.00	30
56.00	497	116.00	114	198.00	53	298.00	21
57.00	817	117.00	126	200.00	22	304.00	26
60.00	303	118.00	143	201.00	104	305.00	53
61.00	1354	119.00	167	203.00	19	310.00	22
62.00	1309	120.00	69	206.00	26	312.00	18
63.00	928	122.00	25	208.00	25	315.00	16
64.00	121	124.00	51	211.00	22	316.00	22
65.00	114	125.00	63	212.00	25	320.00	37
67.00	101	128.00	110	213.00	17	327.00	50
68.00	3316	129.00	110	215.00	30	332.00	28
69.00	3214	130.00	117	224.00	19	334.00	26
70.00	97	131.00	19	225.00	18	339.00	38
71.00	53	135.00	59	228.00	25	346.00	16
72.00	155	138.00	79	231.00	20	348.00	50
73.00	1193	141.00	284	232.00	62	352.00	21
74.00	5154	142.00	40	233.00	57	354.00	33
75.00	14621	143.00	244	237.00	36	355.00	18

Report Date: 30-Apr-2021 12:50:57 Chrom Revision: 2.3 08-Apr-2021 17:17:48
Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24698.D\8260W_5.rslt\spectra.d
Injection Date: 30-Apr-2021 08:21:30
Spectrum: Tune Spec :Average 50-52(1.99-2.00) Bgrd 47(1.96)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 175

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	1204	144.00	37	243.00	18	357.00	19
77.00	153	145.00	75	246.00	19	361.00	45
78.00	111	146.00	25	249.00	17	367.00	19
79.00	492	148.00	37	253.00	48	369.00	18
80.00	287	151.00	35	254.00	18	374.00	19
81.00	697	152.00	50	255.00	19	376.00	50
82.00	239	153.00	16	256.00	17	377.00	18
83.00	17	155.00	49	257.00	51	380.00	64
85.00	16	157.00	21	260.00	23	382.00	27
86.00	19	158.00	42	261.00	18	384.00	18
87.00	1308	160.00	53	262.00	66		

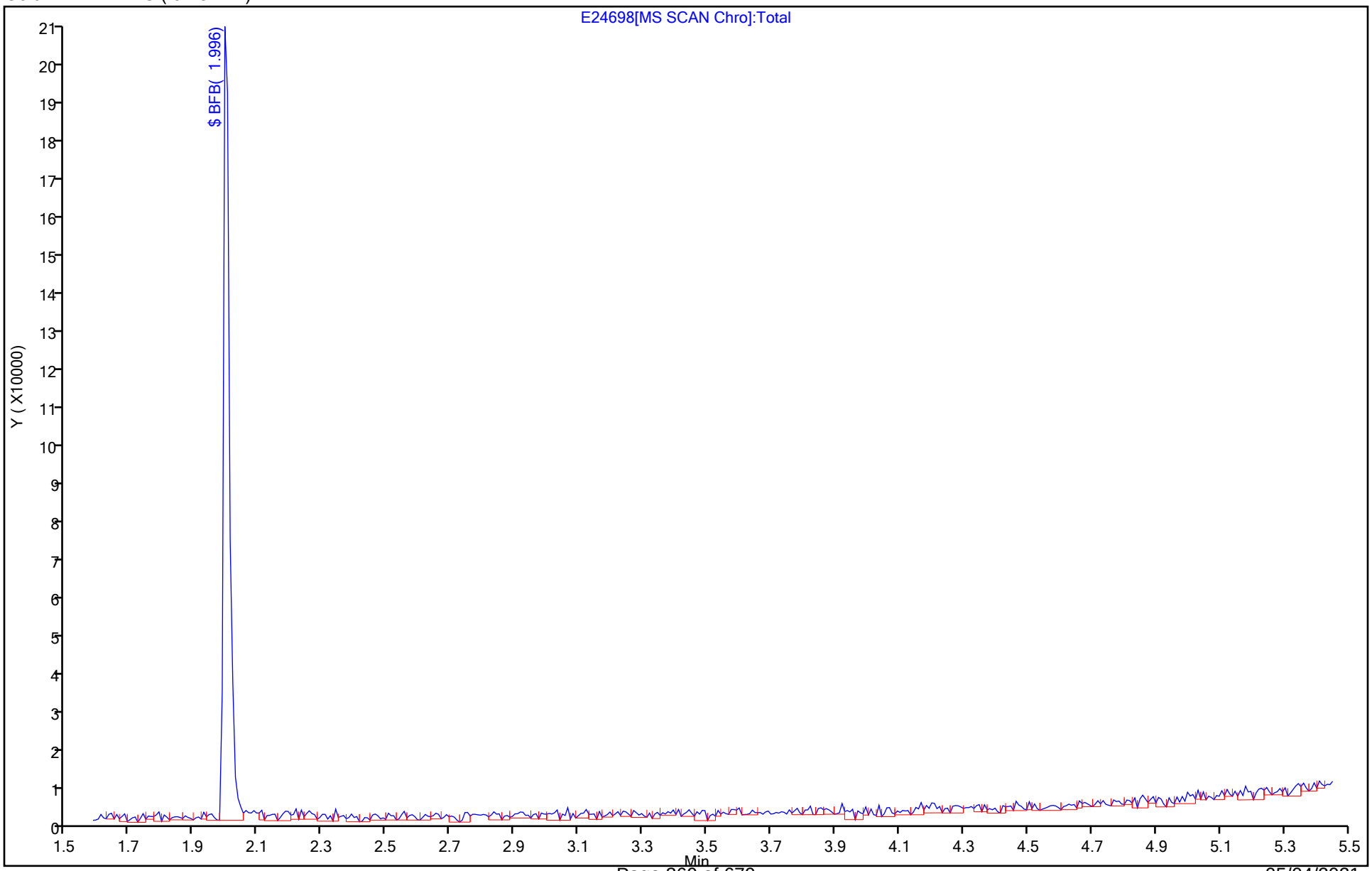
Report Date: 30-Apr-2021 12:50:57 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24698.D

Injection Date:	30-Apr-2021 08:21:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-VMS (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774982/10

Matrix: Water Lab File ID: E24707.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 12:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.33
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-774982/10

Matrix: Water Lab File ID: E24707.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 12:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
104-51-8	n-Butylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.0	U	1.0	0.36
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.37
100-42-5	Styrene	1.0	U	1.0	0.42
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-123
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24707.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Apr-2021 12:06:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0127880-010
Operator ID: Instrument ID: CVOAMS5

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Apr-2021 12:51:11 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1655

First Level Reviewer: starzecm Date: 30-Apr-2021 12:52:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
22 Iodomethane	142	1.489	1.480	0.009	49	317		0.5541	
* 33 TBA-d9 (IS)	65	1.875	1.883	-0.008	98	118434	1000.0	1000.0	
$ 51 Dibromofluoromethane (Surr)	113	2.805	2.805	0.000	96	133815	50.0	50.3	
* 53 2-Butanone-d5	46	2.871	2.871	0.000	100	138657	250.0	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.200	3.200	0.000	97	150107	50.0	48.1	
* 66 Fluorobenzene	96	3.423	3.422	0.000	99	413387	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.295	4.287	0.009	96	14147	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	100	523282	50.0	48.0	
* 96 Chlorobenzene-d5	117	6.756	6.755	0.001	87	369522	50.0	50.0	
$ 107 4-Bromofluorobenzene	174	8.508	8.508	0.000	90	123172	50.0	48.9	
* 123 1,4-Dichlorobenzene-d4	152	10.253	10.253	0.000	96	136592	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00140 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00217 Amount Added: 1.00 Units: uL Run Reagent

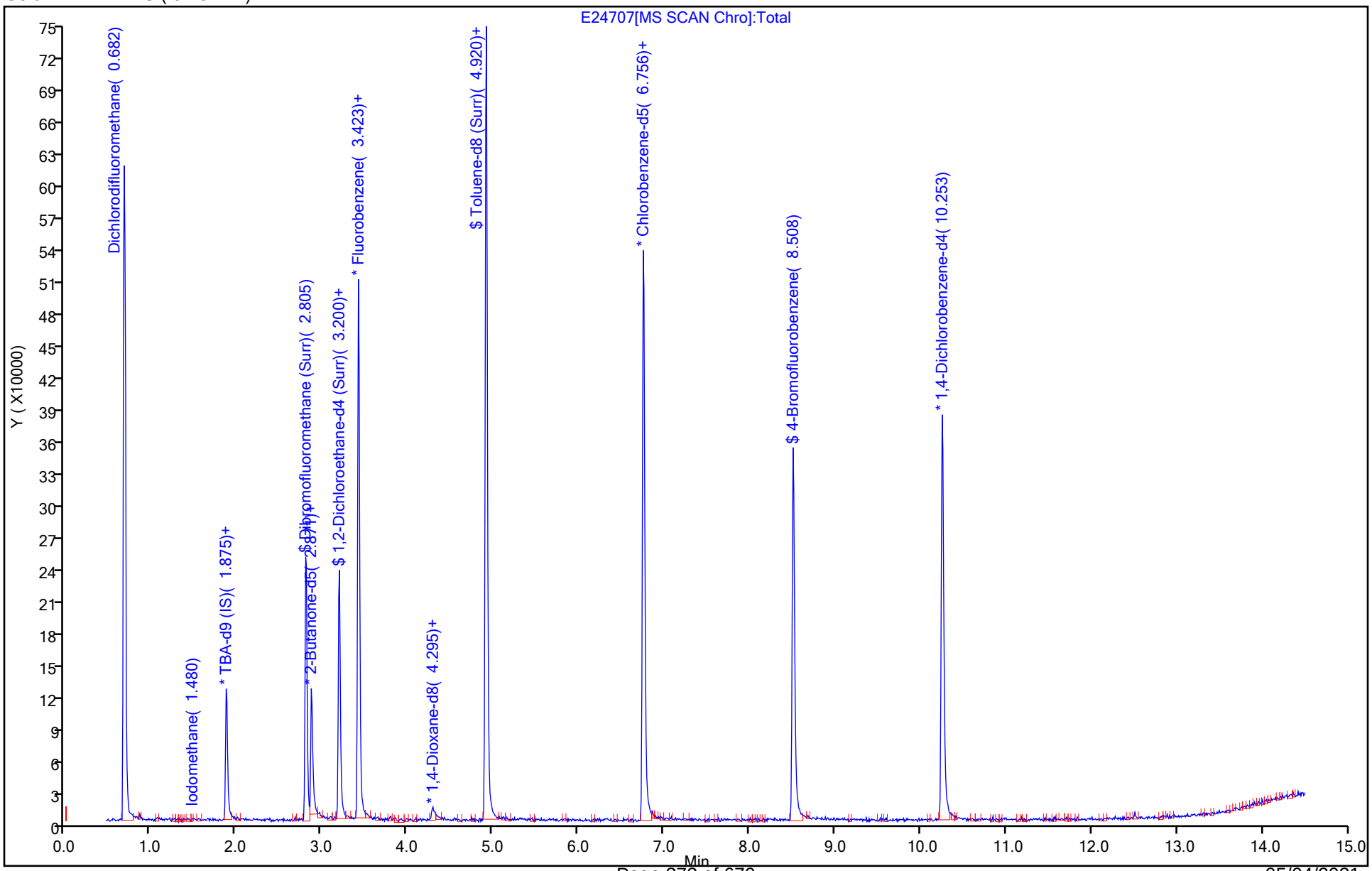
Report Date: 30-Apr-2021 12:52:21 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24707.D

Injection Date:	30-Apr-2021 12:06:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	MB			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-VMS (0.18 mm)



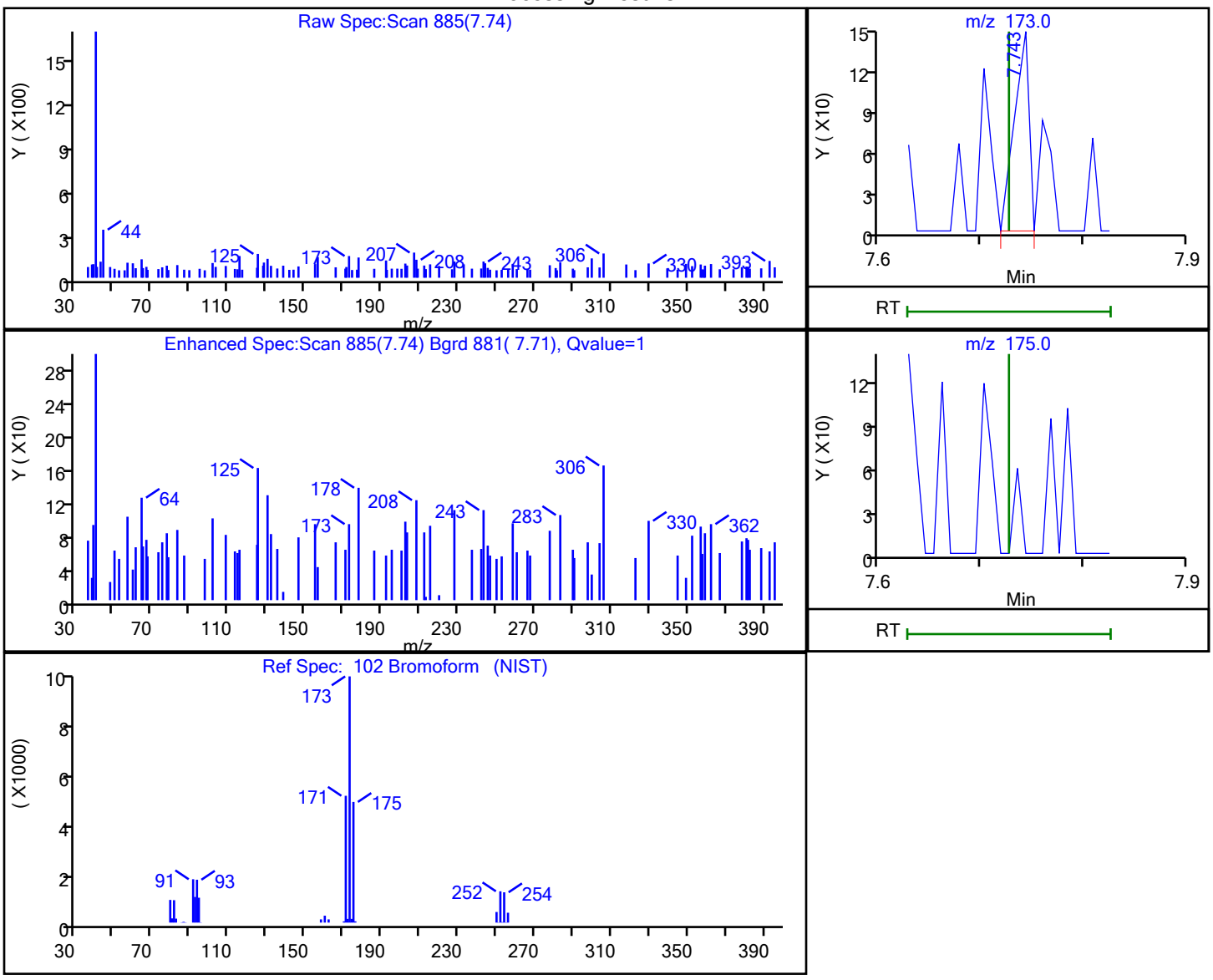
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24707.D		
Injection Date:	30-Apr-2021 12:06:30	Instrument ID:	CVOAMS5
Lims ID:	MB		
Client ID:			
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

102 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
7.74	173.00	147	0.571708
7.73	175.00	0	

Reviewer: starzecm, 30-Apr-2021 12:30:46

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

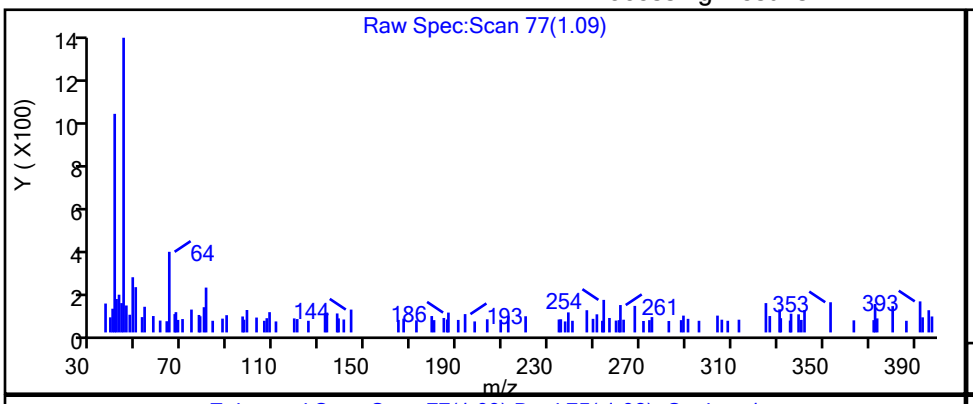
User Disabled Compound Report

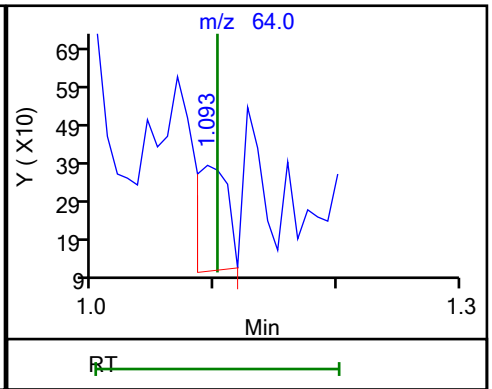
Eurofins TestAmerica, Edison

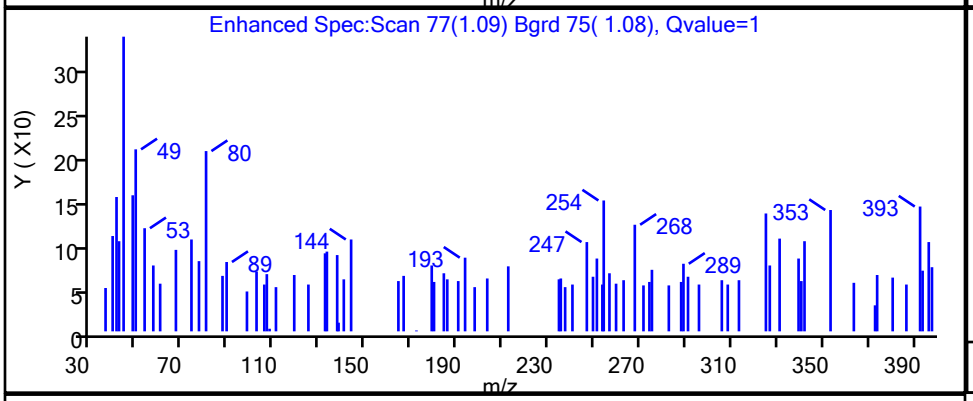
Data File:	\\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24707.D		
Injection Date:	30-Apr-2021 12:06:30	Instrument ID:	CVOAMS5
Lims ID:	MB		
Client ID:			
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

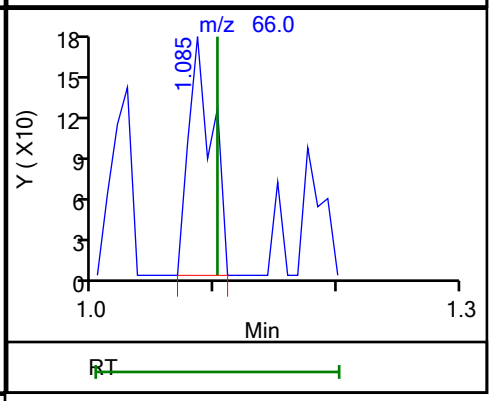
10 Chloroethane, CAS: 75-00-3

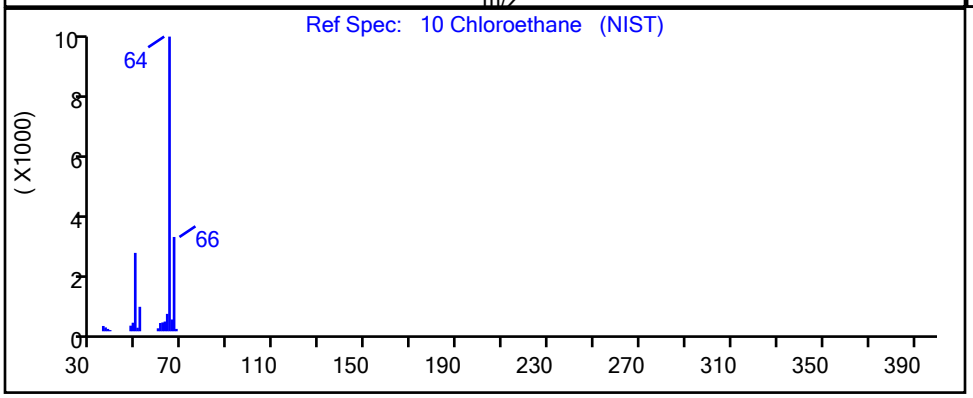
Processing Results











RT	Mass	Response	Amount
1.09	64.00	510	0.377810
1.09	66.00	236	

Reviewer: starzecm, 30-Apr-2021 12:30:19

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774982/5

Matrix: Water Lab File ID: E24702.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 10:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	15.4		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.3		1.0	0.31
79-00-5	1,1,2-Trichloroethane	16.7		1.0	0.20
75-34-3	1,1-Dichloroethane	20.7		1.0	0.26
75-35-4	1,1-Dichloroethene	19.9		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	18.5		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	18.6		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	19.8		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	14.0		1.0	0.38
95-50-1	1,2-Dichlorobenzene	18.9		1.0	0.21
107-06-2	1,2-Dichloroethane	18.4		1.0	0.43
78-87-5	1,2-Dichloropropane	19.8		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	19.0		1.0	0.33
541-73-1	1,3-Dichlorobenzene	20.0		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.9		1.0	0.33
78-93-3	2-Butanone (MEK)	91.2		5.0	1.9
591-78-6	2-Hexanone	102		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	1.3
67-64-1	Acetone	92.3		5.0	4.4
71-43-2	Benzene	19.6		1.0	0.20
75-25-2	Bromoform	18.1		1.0	0.54
74-83-9	Bromomethane	22.7		1.0	0.55
75-15-0	Carbon disulfide	20.9		1.0	0.82
56-23-5	Carbon tetrachloride	22.5		1.0	0.21
108-90-7	Chlorobenzene	19.5		1.0	0.38
74-97-5	Chlorobromomethane	20.2		1.0	0.41
124-48-1	Chlorodibromomethane	19.6		1.0	0.28
75-00-3	Chloroethane	27.9		1.0	0.32
67-66-3	Chloroform	21.3		1.0	0.33
74-87-3	Chloromethane	20.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.6		1.0	0.22
110-82-7	Cyclohexane	19.5		1.0	0.32
75-27-4	Dichlorobromomethane	20.1		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-774982/5

Matrix: Water Lab File ID: E24702.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 10:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	19.6		1.0	0.31
100-41-4	Ethylbenzene	20.8		1.0	0.30
106-93-4	Ethylene Dibromide	17.0		1.0	0.50
98-82-8	Isopropylbenzene	20.4		1.0	0.34
79-20-9	Methyl acetate	31.4		5.0	0.79
1634-04-4	Methyl tert-butyl ether	17.6		1.0	0.22
108-87-2	Methylcyclohexane	20.0		1.0	0.71
75-09-2	Methylene Chloride	19.3		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.0		1.0	0.30
104-51-8	n-Butylbenzene	20.2		1.0	0.32
103-65-1	N-Propylbenzene	18.6		1.0	0.32
95-47-6	o-Xylene	19.4		1.0	0.36
135-98-8	sec-Butylbenzene	18.7		1.0	0.37
100-42-5	Styrene	19.2		1.0	0.42
98-06-6	tert-Butylbenzene	17.4		1.0	0.34
127-18-4	Tetrachloroethene	19.5		1.0	0.25
108-88-3	Toluene	19.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.9		1.0	0.22
79-01-6	Trichloroethene	20.7		1.0	0.31
75-69-4	Trichlorofluoromethane	19.7		1.0	0.32
75-01-4	Vinyl chloride	20.8		1.0	0.17
1330-20-7	Xylenes, Total	39.4		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		75-123
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24702.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Apr-2021 10:01:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0127880-005
Operator ID: Instrument ID: CVOAMS5

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-May-2021 09:57:58 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1647

First Level Reviewer: starzecm Date: 30-Apr-2021 12:51:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.764	0.764	0.000	99	68462	20.0	19.6	
7 Vinyl chloride	62	0.888	0.896	-0.008	97	74529	20.0	20.8	
8 Butadiene	54	0.896	0.896	0.000	95	63065	20.0	18.8	
6 Chloromethane	50	0.896	0.896	0.000	99	99370	20.0	20.1	
9 Bromomethane	94	1.044	1.044	0.000	98	34777	20.0	22.7	
10 Chloroethane	64	1.102	1.102	0.000	100	39833	20.0	27.9	
12 Pentane	72	1.159	1.159	0.000	98	11768	40.0	49.2	
11 Trichlorofluoromethane	101	1.159	1.159	0.000	96	67079	20.0	19.7	
13 Dichlorofluoromethane	67	1.192	1.192	0.000	98	88290	20.0	24.4	
14 2-Methyl-1,3-butadiene	67	1.307	1.307	0.000	96	72832	20.0	19.6	
15 Ethyl ether	59	1.307	1.316	-0.009	90	37155	20.0	17.8	
16 Ethanol	45	1.390	1.398	-0.008	91	15895	800.0	784.3	
17 1,1-Dichloroethene	96	1.406	1.406	0.000	95	43934	20.0	19.9	
19 Carbon disulfide	76	1.423	1.423	0.000	98	181515	20.0	20.9	
20 112TCTFE	101	1.431	1.431	0.000	89	37398	20.0	20.3	
22 Iodomethane	142	1.480	1.480	0.000	99	46416	20.0	23.6	
23 Cyclopentene	67	1.562	1.562	0.000	97	118112	20.0	20.3	
24 Acrolein	56	1.587	1.587	0.000	94	4936	40.0	20.2	
25 3-Chloro-1-propene	76	1.653	1.653	0.000	93	30780	20.0	21.5	
26 Isopropyl alcohol	45	1.686	1.686	0.000	95	13253	200.0	178.2	
27 Methylene Chloride	84	1.711	1.711	0.000	97	53849	20.0	19.3	
28 Acetone	58	1.743	1.744	-0.001	90	12127	100.0	92.3	
29 trans-1,2-Dichloroethene	96	1.801	1.801	0.000	97	51244	20.0	20.1	
30 Methyl acetate	74	1.809	1.818	-0.009	99	9135	40.0	31.4	
31 Hexane	86	1.842	1.834	0.008	88	7019	20.0	22.5	
32 Methyl tert-butyl ether	73	1.859	1.859	0.000	94	116784	20.0	17.6	
* 33 TBA-d9 (IS)	65	1.875	1.883	-0.008	99	124405	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.925	1.925	0.000	99	27033	200.0	195.7	
35 Acetonitrile	41	2.015	2.015	0.000	99	28326	200.0	163.6	
36 Isopropyl ether	45	2.081	2.081	0.000	98	180312	20.0	20.6	
37 2-Chloro-1,3-butadiene	88	2.139	2.139	-0.001	91	46426	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	2.147	2.147	0.000	100	104328	20.0	20.7	
39 Acrylonitrile	53	2.188	2.188	0.000	97	112212	200.0	137.4	
40 Tert-butyl ethyl ether	59	2.303	2.303	0.000	88	149224	20.0	20.3	
41 Vinyl acetate	86	2.320	2.320	0.000	100	15326	40.0	48.8	
42 cis-1,2-Dichloroethene	96	2.492	2.492	0.000	95	55594	20.0	19.4	
43 2,2-Dichloropropane	77	2.558	2.558	0.000	97	78685	20.0	23.7	
44 Cyclohexane	56	2.616	2.616	0.000	89	59053	20.0	19.5	
45 Chlorobromomethane	128	2.624	2.624	0.000	96	25144	20.0	20.2	
46 Chloroform	83	2.682	2.682	0.000	98	95198	20.0	21.3	
47 Carbon tetrachloride	117	2.764	2.764	0.000	98	56360	20.0	22.5	
49 Ethyl acetate	70	2.780	2.789	-0.009	97	8643	40.0	45.8	
50 Tetrahydrofuran	42	2.797	2.789	0.008	44	23705	40.0	41.3	
48 Methyl acrylate	55	2.789	2.789	0.000	52	30940	20.0	16.5	
$ 51 Dibromofluoromethane (Surr)	113	2.805	2.805	0.000	96	136036	50.0	48.8	
52 1,1,1-Trichloroethane	97	2.813	2.813	0.000	97	74445	20.0	21.5	
* 53 2-Butanone-d5	46	2.871	2.871	0.000	99	146669	250.0	250.0	
54 1,1-Dichloropropene	75	2.904	2.904	0.000	97	74581	20.0	19.2	
55 2-Butanone (MEK)	72	2.904	2.904	0.000	75	18372	100.0	91.2	
56 Isooctane	57	2.986	2.986	0.000	99	103351	20.0	21.3	
57 n-Heptane	57	3.077	3.077	0.000	92	20572	20.0	18.1	
58 Benzene	78	3.085	3.085	0.000	95	226823	20.0	19.6	
59 Propionitrile	54	3.126	3.126	0.000	93	39375	200.0	163.6	
60 Methacrylonitrile	67	3.134	3.134	0.000	91	142614	200.0	143.2	
62 Tert-amyl methyl ether	73	3.192	3.192	0.000	97	127525	20.0	19.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.200	3.200	0.000	97	155248	50.0	47.4	
63 1,2-Dichloroethane	62	3.250	3.250	0.000	98	62826	20.0	18.4	
64 Isobutyl alcohol	43	3.324	3.324	0.000	94	23500	500.0	445.6	
65 t-Amyl alcohol	59	3.389	3.389	0.000	95	19353	200.0	205.8	
* 66 Fluorobenzene	96	3.422	3.422	0.000	99	433391	50.0	50.0	
67 Isopropyl acetate	43	3.496	3.496	0.000	99	60300	20.0	16.5	
68 Methylcyclohexane	83	3.538	3.538	0.000	95	48172	20.0	20.0	
69 Trichloroethene	95	3.570	3.571	-0.001	98	53582	20.0	20.7	
70 2-ethoxy-2-methyl butane	59	3.801	3.801	0.000	96	123055	20.0	21.8	
71 Dibromomethane	93	3.933	3.933	0.000	97	27564	20.0	18.1	
72 n-Butanol	56	3.982	3.974	0.008	78	9880	500.0	247.8	
73 1,2-Dichloropropane	63	4.023	4.015	0.008	92	56799	20.0	19.8	
74 Dichlorobromomethane	83	4.097	4.097	0.000	99	69849	20.0	20.1	
75 Ethyl acrylate	55	4.105	4.105	0.000	60	40093	20.0	15.5	
* 76 1,4-Dioxane-d8	96	4.278	4.287	-0.008	62	14155	1000.0	1000.0	
77 Methyl methacrylate	100	4.295	4.295	0.000	92	16725	40.0	30.3	
78 1,4-Dioxane	88	4.311	4.311	0.000	39	5929	400.0	371.3	
79 n-Propyl acetate	43	4.459	4.451	0.008	97	38960	20.0	15.0	
80 2-Chloroethyl vinyl ether	63	4.706	4.714	-0.008	96	10207	20.0	10.5	
81 cis-1,3-Dichloropropene	75	4.731	4.731	0.000	92	82992	20.0	18.6	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	100	545318	50.0	47.1	
83 Toluene	91	4.970	4.970	0.000	94	216701	20.0	19.2	
84 Epichlorohydrin	57	5.019	5.019	0.000	97	37309	400.0	360.4	
85 2-Nitropropane	41	5.241	5.241	0.000	97	13979	40.0	36.0	
86 Tetrachloroethene	166	5.389	5.389	0.000	92	37377	20.0	19.5	
87 4-Methyl-2-pentanone (MIBK)	43	5.447	5.447	0.000	97	150692	100.0	104.4	
88 trans-1,3-Dichloropropene	75	5.480	5.480	0.000	96	67147	20.0	20.9	
89 1,1,2-Trichloroethane	83	5.644	5.644	0.000	96	32034	20.0	16.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 Ethyl methacrylate	69	5.727	5.727	0.000	91	45773	20.0	14.7	
91 Chlorodibromomethane	129	5.834	5.842	-0.008	98	43070	20.0	19.6	
92 1,3-Dichloropropane	76	5.957	5.957	0.000	94	71434	20.0	17.3	
93 Ethylene Dibromide	107	6.081	6.081	0.000	99	36120	20.0	17.0	
94 n-Butyl acetate	43	6.434	6.434	0.000	99	40324	20.0	10.6	
95 2-Hexanone	43	6.492	6.500	-0.008	96	100489	100.0	102.3	
* 96 Chlorobenzene-d5	117	6.755	6.755	0.000	86	392635	50.0	50.0	
97 Chlorobenzene	112	6.780	6.780	0.000	93	135144	20.0	19.5	
98 Ethylbenzene	106	6.862	6.862	0.000	98	67423	20.0	20.8	
99 1,1,1,2-Tetrachloroethane	133	6.887	6.887	0.000	95	45705	20.0	21.6	
100 m-Xylene & p-Xylene	106	7.076	7.076	0.000	96	77007	20.0	20.0	
101 o-Xylene	106	7.652	7.661	-0.009	94	76389	20.0	19.4	
102 Bromoform	173	7.726	7.727	-0.001	94	23591	20.0	18.1	
103 Styrene	104	7.743	7.743	0.000	96	127028	20.0	19.2	
104 n-Butyl acrylate	73	8.080	8.080	0.000	98	21574	20.0	13.6	
105 Isopropylbenzene	105	8.138	8.138	0.000	96	161178	20.0	20.4	
106 Amyl acetate (mixed isomers)	43	8.492	8.492	0.000	92	55059	20.0	15.8	
$ 107 4-Bromofluorobenzene	174	8.508	8.508	0.000	87	136851	50.0	51.1	
108 Bromobenzene	156	8.615	8.615	0.000	98	48405	20.0	18.8	
109 N-Propylbenzene	91	8.763	8.763	0.000	99	166246	20.0	18.6	
110 1,1,2,2-Tetrachloroethane	83	8.920	8.920	0.000	98	42147	20.0	15.4	
111 2-Chlorotoluene	91	8.936	8.936	0.000	97	134973	20.0	18.6	
112 4-Ethyltoluene	105	8.953	8.953	0.000	99	135377	20.0	19.7	
113 1,2,3-Trichloropropane	110	9.051	9.052	-0.001	98	11035	20.0	15.1	
114 1,3,5-Trimethylbenzene	105	9.109	9.109	0.000	94	110248	20.0	19.0	
115 trans-1,4-Dichloro-2-butene	75	9.191	9.191	0.000	44	16850	20.0	20.1	
116 4-Chlorotoluene	91	9.208	9.200	0.008	98	130837	20.0	19.2	
117 tert-Butylbenzene	119	9.570	9.570	0.000	95	83164	20.0	17.4	
119 1,2,4-Trimethylbenzene	105	9.702	9.702	0.000	97	115075	20.0	19.8	
118 Butyl Methacrylate	87	9.718	9.718	0.000	92	47988	20.0	19.0	
120 sec-Butylbenzene	105	9.858	9.858	0.000	99	124546	20.0	18.7	
121 1,3-Dichlorobenzene	146	10.121	10.121	0.000	94	76524	20.0	20.0	
122 4-Isopropyltoluene	119	10.138	10.138	0.000	98	96053	20.0	18.2	
* 123 1,4-Dichlorobenzene-d4	152	10.253	10.253	0.000	96	152728	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.278	10.278	0.000	93	77143	20.0	18.9	
125 1,2,3-Trimethylbenzene	105	10.385	10.385	0.000	99	124572	20.0	19.4	
126 2,3-Dihydroindene	117	10.557	10.558	-0.001	95	128795	20.0	18.2	
128 Benzyl chloride	126	10.747	10.739	0.008	97	14216	20.0	19.9	
127 p-Diethylbenzene	119	10.747	10.747	0.000	92	46890	20.0	19.4	
129 n-Butylbenzene	92	10.829	10.837	-0.008	98	47612	20.0	20.2	
130 1,2-Dichlorobenzene	146	10.944	10.944	0.000	96	71303	20.0	18.9	
131 1,2,4,5-Tetramethylbenzene	119	11.825	11.825	0.000	97	93866	20.0	18.6	
132 1,2-Dibromo-3-Chloropropane	157	11.948	11.948	0.000	96	6414	20.0	14.0	
133 1,3,5-Trichlorobenzene	180	11.981	11.981	0.000	95	42193	20.0	21.9	
134 1,2,4-Trichlorobenzene	180	12.500	12.500	0.000	94	32914	20.0	18.6	
135 Hexachlorobutadiene	225	12.508	12.508	0.000	92	14613	20.0	18.0	
136 Naphthalene	128	12.722	12.722	0.000	99	72550	20.0	15.7	
137 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	94	28709	20.0	18.5	
S 138 1,2-Dichloroethene, Total	100				0		40.0	39.6	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.5	
S 140 Xylenes, Total	100				0		40.0	39.4	
S 141 Total BTEX	1				0		100.0	99.0	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00136	Amount Added:	20.00	Units: uL	
ACROLEIN W_00123	Amount Added:	4.00	Units: uL	
GASES Li_00418	Amount Added:	20.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-May-2021 09:59:03 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24702.D

Injection Date: 30-Apr-2021 10:01:30 Instrument ID: CVOAMS5 Operator ID:

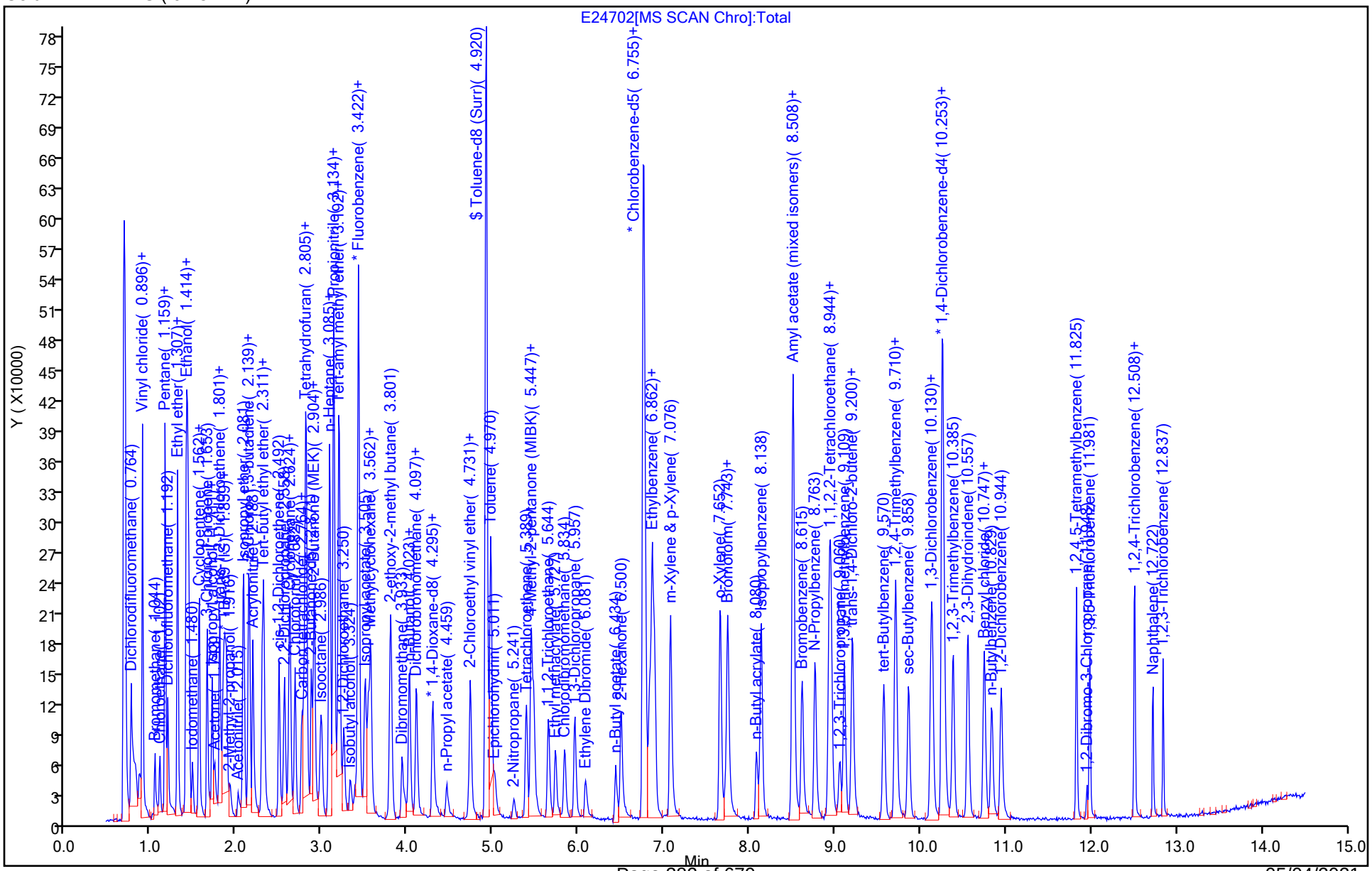
Lims ID: LCS Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-VMS (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774982/6

Matrix: Water Lab File ID: E24703.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 10:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.7		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	17.5		1.0	0.20
75-34-3	1,1-Dichloroethane	20.7		1.0	0.26
75-35-4	1,1-Dichloroethene	19.8		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	18.0		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	18.9		1.0	0.37
95-63-6	1,2,4-Trimethylbenzene	19.1		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.0		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.1		1.0	0.21
107-06-2	1,2-Dichloroethane	18.8		1.0	0.43
78-87-5	1,2-Dichloropropane	20.2		1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	19.1		1.0	0.33
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.5		1.0	0.33
78-93-3	2-Butanone (MEK)	84.3		5.0	1.9
591-78-6	2-Hexanone	99.6		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	103		5.0	1.3
67-64-1	Acetone	87.0		5.0	4.4
71-43-2	Benzene	19.7		1.0	0.20
75-25-2	Bromoform	18.4		1.0	0.54
74-83-9	Bromomethane	21.5		1.0	0.55
75-15-0	Carbon disulfide	20.6		1.0	0.82
56-23-5	Carbon tetrachloride	22.9		1.0	0.21
108-90-7	Chlorobenzene	19.2		1.0	0.38
74-97-5	Chlorobromomethane	19.0		1.0	0.41
124-48-1	Chlorodibromomethane	19.8		1.0	0.28
75-00-3	Chloroethane	25.6		1.0	0.32
67-66-3	Chloroform	21.2		1.0	0.33
74-87-3	Chloromethane	20.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.22
110-82-7	Cyclohexane	19.8		1.0	0.32
75-27-4	Dichlorobromomethane	20.4		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-774982/6

Matrix: Water Lab File ID: E24703.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/30/2021 10:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 774982 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	18.4		1.0	0.31
100-41-4	Ethylbenzene	20.7		1.0	0.30
106-93-4	Ethylene Dibromide	17.7		1.0	0.50
98-82-8	Isopropylbenzene	20.0		1.0	0.34
79-20-9	Methyl acetate	30.7		5.0	0.79
1634-04-4	Methyl tert-butyl ether	18.1		1.0	0.22
108-87-2	Methylcyclohexane	18.0		1.0	0.71
75-09-2	Methylene Chloride	19.2		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.2		1.0	0.30
104-51-8	n-Butylbenzene	18.4		1.0	0.32
103-65-1	N-Propylbenzene	17.8		1.0	0.32
95-47-6	o-Xylene	18.9		1.0	0.36
135-98-8	sec-Butylbenzene	17.5		1.0	0.37
100-42-5	Styrene	18.8		1.0	0.42
98-06-6	tert-Butylbenzene	17.4		1.0	0.34
127-18-4	Tetrachloroethene	20.8		1.0	0.25
108-88-3	Toluene	19.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.3		1.0	0.22
79-01-6	Trichloroethene	19.8		1.0	0.31
75-69-4	Trichlorofluoromethane	19.8		1.0	0.32
75-01-4	Vinyl chloride	20.5		1.0	0.17
1330-20-7	Xylenes, Total	38.1		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-123
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24703.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 30-Apr-2021 10:26:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0127880-006
Operator ID: Instrument ID: CVOAMS5

Method: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\8260W_5.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-May-2021 09:57:58 Calib Date: 30-Mar-2021 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS5\20210330-126234.b\E23370.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: CTX1647

First Level Reviewer: starzecm Date: 30-Apr-2021 12:51:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.764	0.764	0.000	99	64157	20.0	18.4	
7 Vinyl chloride	62	0.896	0.896	0.000	96	73326	20.0	20.5	
8 Butadiene	54	0.896	0.896	0.000	95	63173	20.0	18.9	
6 Chloromethane	50	0.896	0.896	0.000	97	99377	20.0	20.2	
9 Bromomethane	94	1.044	1.044	0.000	97	32977	20.0	21.5	
10 Chloroethane	64	1.102	1.102	0.000	98	38873	20.0	25.6	
12 Pentane	72	1.159	1.159	0.000	96	13943	40.0	54.9	
11 Trichlorofluoromethane	101	1.159	1.159	0.000	94	67084	20.0	19.8	
13 Dichlorofluoromethane	67	1.192	1.192	0.000	98	82010	20.0	22.7	
14 2-Methyl-1,3-butadiene	67	1.307	1.307	0.000	95	72108	20.0	19.4	
15 Ethyl ether	59	1.307	1.316	-0.009	91	37740	20.0	18.1	
16 Ethanol	45	1.398	1.398	0.000	23	14937	800.0	737.7	a
17 1,1-Dichloroethene	96	1.406	1.406	0.000	96	43714	20.0	19.8	
19 Carbon disulfide	76	1.423	1.423	0.000	99	178712	20.0	20.6	
20 112TCTFE	101	1.431	1.431	0.000	90	36704	20.0	19.9	
22 Iodomethane	142	1.480	1.480	0.000	98	46201	20.0	23.6	
23 Cyclopentene	67	1.563	1.562	0.001	98	116135	20.0	19.9	
24 Acrolein	56	1.587	1.587	0.000	92	6033	40.0	24.7	
25 3-Chloro-1-propene	76	1.653	1.653	0.000	96	32387	20.0	22.7	
26 Isopropyl alcohol	45	1.686	1.686	0.000	98	15501	200.0	208.7	
27 Methylene Chloride	84	1.711	1.711	0.000	97	53428	20.0	19.2	
28 Acetone	58	1.744	1.744	0.000	87	12145	100.0	87.0	
29 trans-1,2-Dichloroethene	96	1.801	1.801	0.000	97	52064	20.0	20.5	
30 Methyl acetate	74	1.809	1.818	-0.009	100	8897	40.0	30.7	
31 Hexane	86	1.842	1.834	0.008	87	7218	20.0	23.1	
32 Methyl tert-butyl ether	73	1.859	1.859	0.000	92	119715	20.0	18.1	
* 33 TBA-d9 (IS)	65	1.875	1.883	-0.008	99	124214	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.925	1.925	0.000	98	25074	200.0	181.8	
35 Acetonitrile	41	2.015	2.015	0.000	99	25568	200.0	147.8	
36 Isopropyl ether	45	2.081	2.081	0.000	98	180837	20.0	20.7	
37 2-Chloro-1,3-butadiene	88	2.139	2.139	0.000	90	46860	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	2.147	2.147	0.000	100	104065	20.0	20.7	
39 Acrylonitrile	53	2.188	2.188	0.000	99	114495	200.0	140.4	
40 Tert-butyl ethyl ether	59	2.303	2.303	0.000	89	148106	20.0	20.2	
41 Vinyl acetate	86	2.320	2.320	0.000	100	12493	40.0	37.7	
42 cis-1,2-Dichloroethene	96	2.493	2.492	0.001	95	55618	20.0	19.5	
43 2,2-Dichloropropane	77	2.558	2.558	0.000	97	78084	20.0	23.6	
44 Cyclohexane	56	2.616	2.616	0.000	90	59613	20.0	19.8	
45 Chlorobromomethane	128	2.624	2.624	0.000	95	23595	20.0	19.0	
46 Chloroform	83	2.682	2.682	0.000	98	94635	20.0	21.2	
47 Carbon tetrachloride	117	2.764	2.764	0.000	97	57266	20.0	22.9	
49 Ethyl acetate	70	2.781	2.789	-0.008	99	8122	40.0	40.5	
50 Tetrahydrofuran	42	2.789	2.789	0.000	93	23020	40.0	37.8	
48 Methyl acrylate	55	2.789	2.789	0.000	84	29769	20.0	15.9	
$ 51 Dibromofluoromethane (Surr)	113	2.805	2.805	0.000	97	138944	50.0	49.9	
52 1,1,1-Trichloroethane	97	2.814	2.813	0.001	97	75298	20.0	21.8	
* 53 2-Butanone-d5	46	2.871	2.871	0.000	99	155753	250.0	250.0	
54 1,1-Dichloropropene	75	2.904	2.904	0.000	96	73420	20.0	18.9	
55 2-Butanone (MEK)	72	2.912	2.904	0.008	78	18038	100.0	84.3	
56 Isooctane	57	2.986	2.986	0.000	99	100496	20.0	20.7	
57 n-Heptane	57	3.077	3.077	0.000	93	21007	20.0	18.5	
58 Benzene	78	3.085	3.085	0.000	96	227993	20.0	19.7	
59 Propionitrile	54	3.126	3.126	0.000	95	44983	200.0	187.4	
60 Methacrylonitrile	67	3.134	3.134	0.000	91	147025	200.0	147.9	
62 Tert-amyl methyl ether	73	3.192	3.192	0.000	78	128113	20.0	19.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.200	3.200	0.000	98	157096	50.0	48.1	
63 1,2-Dichloroethane	62	3.250	3.250	0.000	97	64017	20.0	18.8	
64 Isobutyl alcohol	43	3.324	3.324	0.000	96	25613	500.0	486.4	
65 t-Amyl alcohol	59	3.390	3.389	0.001	96	20458	200.0	217.9	
* 66 Fluorobenzene	96	3.423	3.422	0.000	99	432697	50.0	50.0	
67 Isopropyl acetate	43	3.497	3.496	0.001	99	61609	20.0	16.9	
68 Methylcyclohexane	83	3.538	3.538	0.000	94	43313	20.0	18.0	
69 Trichloroethene	95	3.562	3.571	-0.009	98	51150	20.0	19.8	
70 2-ethoxy-2-methyl butane	59	3.801	3.801	0.000	98	121841	20.0	21.6	
71 Dibromomethane	93	3.933	3.933	0.000	95	26116	20.0	17.1	
72 n-Butanol	56	3.974	3.974	0.000	86	9987	500.0	250.9	
73 1,2-Dichloropropane	63	4.015	4.015	0.000	91	57890	20.0	20.2	
74 Dichlorobromomethane	83	4.097	4.097	0.000	98	71026	20.0	20.4	
75 Ethyl acrylate	55	4.106	4.105	0.001	54	40876	20.0	15.8	
* 76 1,4-Dioxane-d8	96	4.287	4.287	0.001	41	15512	1000.0	1000.0	
77 Methyl methacrylate	100	4.295	4.295	0.000	91	16116	40.0	29.3	
78 1,4-Dioxane	88	4.320	4.311	0.009	89	7631	400.0	436.1	
79 n-Propyl acetate	43	4.451	4.451	0.000	99	44646	20.0	17.1	
80 2-Chloroethyl vinyl ether	63	4.715	4.714	0.001	93	11327	20.0	11.5	
81 cis-1,3-Dichloropropene	75	4.731	4.731	0.000	92	84562	20.0	18.9	
$ 82 Toluene-d8 (Surr)	98	4.920	4.920	0.000	99	561346	50.0	48.5	
83 Toluene	91	4.970	4.970	0.000	93	219467	20.0	19.4	
84 Epichlorohydrin	57	5.019	5.019	0.000	97	41606	400.0	378.4	
85 2-Nitropropane	41	5.241	5.241	0.000	97	14610	40.0	37.7	
86 Tetrachloroethene	166	5.389	5.389	0.000	97	39862	20.0	20.8	
87 4-Methyl-2-pentanone (MIBK)	43	5.447	5.447	0.000	97	158112	100.0	103.1	
88 trans-1,3-Dichloropropene	75	5.472	5.480	-0.008	98	68481	20.0	21.3	
89 1,1,2-Trichloroethane	83	5.645	5.644	0.001	94	33487	20.0	17.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 Ethyl methacrylate	69	5.727	5.727	0.000	89	47799	20.0	15.4	
91 Chlorodibromomethane	129	5.834	5.842	-0.008	99	43422	20.0	19.8	
92 1,3-Dichloropropane	76	5.957	5.957	0.000	94	70610	20.0	17.1	
93 Ethylene Dibromide	107	6.081	6.081	0.000	100	37579	20.0	17.7	
94 n-Butyl acetate	43	6.435	6.434	0.001	98	43398	20.0	11.5	
95 2-Hexanone	43	6.492	6.500	-0.008	95	103929	100.0	99.6	
* 96 Chlorobenzene-d5	117	6.756	6.755	0.001	87	392350	50.0	50.0	
97 Chlorobenzene	112	6.780	6.780	0.000	93	132649	20.0	19.2	
98 Ethylbenzene	106	6.863	6.862	0.001	99	66966	20.0	20.7	
99 1,1,1,2-Tetrachloroethane	133	6.895	6.887	0.008	94	45179	20.0	21.3	
100 m-Xylene & p-Xylene	106	7.076	7.076	0.000	97	74056	20.0	19.2	
101 o-Xylene	106	7.653	7.661	-0.008	93	74003	20.0	18.9	
102 Bromoform	173	7.718	7.727	-0.009	94	24510	20.0	18.4	
103 Styrene	104	7.743	7.743	0.000	95	124394	20.0	18.8	
104 n-Butyl acrylate	73	8.081	8.080	0.001	97	23986	20.0	15.1	
105 Isopropylbenzene	105	8.138	8.138	0.000	96	157372	20.0	20.0	
106 Amyl acetate (mixed isomers)	43	8.492	8.492	0.000	92	56459	20.0	15.8	
$ 107 4-Bromofluorobenzene	174	8.508	8.508	0.000	88	141199	50.0	52.8	
108 Bromobenzene	156	8.615	8.615	0.000	96	49563	20.0	18.9	
109 N-Propylbenzene	91	8.764	8.763	0.001	99	162495	20.0	17.8	
110 1,1,2,2-Tetrachloroethane	83	8.920	8.920	0.000	98	46533	20.0	16.7	
111 2-Chlorotoluene	91	8.936	8.936	0.000	96	141833	20.0	19.2	
112 4-Ethyltoluene	105	8.953	8.953	0.000	98	134457	20.0	19.2	
113 1,2,3-Trichloropropane	110	9.052	9.052	0.000	99	10997	20.0	14.7	
114 1,3,5-Trimethylbenzene	105	9.109	9.109	0.000	94	112923	20.0	19.1	
115 trans-1,4-Dichloro-2-butene	75	9.192	9.191	0.001	44	16730	20.0	19.6	
116 4-Chlorotoluene	91	9.200	9.200	0.000	98	130754	20.0	18.8	
117 tert-Butylbenzene	119	9.570	9.570	0.000	94	84409	20.0	17.4	
119 1,2,4-Trimethylbenzene	105	9.702	9.702	0.000	98	113726	20.0	19.1	
118 Butyl Methacrylate	87	9.718	9.718	0.000	91	49603	20.0	19.2	
120 sec-Butylbenzene	105	9.858	9.858	0.000	99	119209	20.0	17.5	
121 1,3-Dichlorobenzene	146	10.121	10.121	0.000	95	75092	20.0	19.2	
122 4-Isopropyltoluene	119	10.138	10.138	0.000	97	94785	20.0	17.6	
* 123 1,4-Dichlorobenzene-d4	152	10.253	10.253	0.000	95	155864	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.278	10.278	0.000	95	81293	20.0	19.5	
125 1,2,3-Trimethylbenzene	105	10.377	10.385	-0.008	99	125644	20.0	19.2	
126 2,3-Dihydroindene	117	10.558	10.558	0.000	94	131261	20.0	18.2	
128 Benzyl chloride	126	10.739	10.739	0.000	97	14798	20.0	20.3	
127 p-Diethylbenzene	119	10.747	10.747	0.000	93	47692	20.0	19.3	
129 n-Butylbenzene	92	10.837	10.837	0.000	99	44352	20.0	18.4	
130 1,2-Dichlorobenzene	146	10.944	10.944	0.000	95	73542	20.0	19.1	
131 1,2,4,5-Tetramethylbenzene	119	11.825	11.825	0.000	97	95115	20.0	18.4	
132 1,2-Dibromo-3-Chloropropane	157	11.948	11.948	0.000	95	7933	20.0	17.0	
133 1,3,5-Trichlorobenzene	180	11.981	11.981	0.000	96	41476	20.0	21.1	
134 1,2,4-Trichlorobenzene	180	12.500	12.500	0.000	93	34188	20.0	18.9	
135 Hexachlorobutadiene	225	12.508	12.508	0.000	92	16407	20.0	19.8	
136 Naphthalene	128	12.722	12.722	0.000	99	74411	20.0	15.8	
137 1,2,3-Trichlorobenzene	180	12.837	12.837	0.000	93	28481	20.0	18.0	
S 138 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 139 1,3-Dichloropropene, Total	100				0		40.0	40.2	
S 140 Xylenes, Total	100				0		40.0	38.1	
S 141 Total BTEX	1				0		100.0	97.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00418	Amount Added:	20.00	Units: uL	
ACROLEIN W_00123	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00136	Amount Added:	20.00	Units: uL	
8260ISNEW_00140	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-May-2021 09:59:58 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS5\20210430-127880.b\E24703.D

Injection Date: 30-Apr-2021 10:26:30 Instrument ID: CVOAMS5 Operator ID:

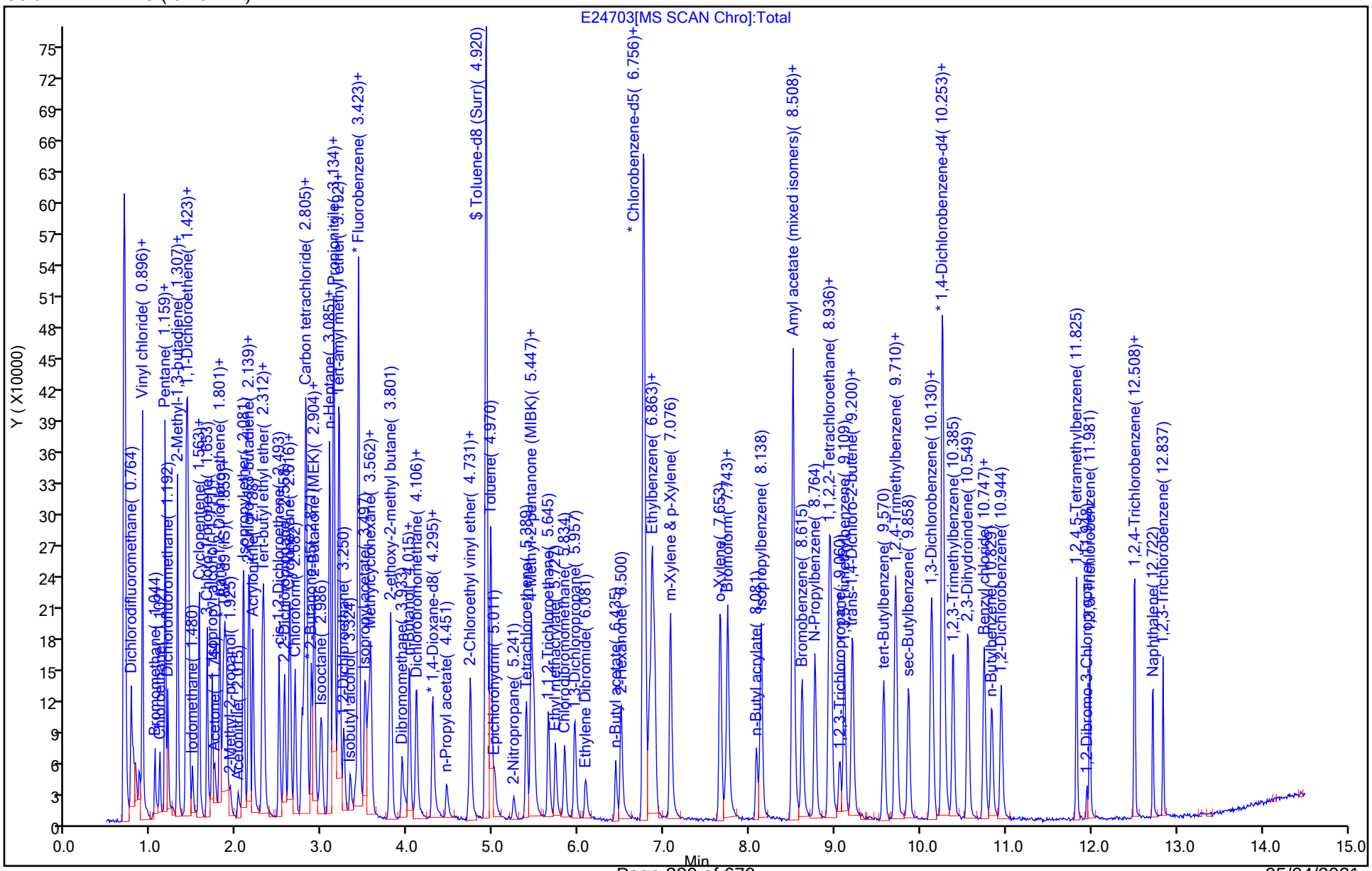
Lims ID: LCSD Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_5 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-VMS (0.18 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Instrument ID: CVOAMS5 Start Date: 03/30/2021 10:05

Analysis Batch Number: 768237 End Date: 03/30/2021 20:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-768237/1		03/30/2021 10:05	1	E23350.D	Rtx-VMS 0.18(mm)
STD7 460-768237/3 IC		03/30/2021 11:36	1	E23352.D	Rtx-VMS 0.18(mm)
STD5 460-768237/5 IC		03/30/2021 12:28	1	E23354.D	Rtx-VMS 0.18(mm)
STD20 460-768237/6 ICIS		03/30/2021 12:54	1	E23355.D	Rtx-VMS 0.18(mm)
STD50 460-768237/7 IC		03/30/2021 13:20	1	E23356.D	Rtx-VMS 0.18(mm)
STD200 460-768237/8 IC		03/30/2021 13:46	1	E23357.D	Rtx-VMS 0.18(mm)
STD500 460-768237/9 IC		03/30/2021 14:12	1	E23358.D	Rtx-VMS 0.18(mm)
STD1 460-768237/21 IC		03/30/2021 20:10	1	E23370.D	Rtx-VMS 0.18(mm)
ICV 460-768237/22		03/30/2021 20:57	10	E23371.D	Rtx-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Instrument ID: CVOAMS5 Start Date: 04/30/2021 08:21

Analysis Batch Number: 774982 End Date: 04/30/2021 18:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-774982/1		04/30/2021 08:21	1	E24698.D	Rtx-VMS 0.18(mm)
CCVIS 460-774982/4		04/30/2021 09:36	1	E24701.D	Rtx-VMS 0.18(mm)
LCS 460-774982/5		04/30/2021 10:01	1	E24702.D	Rtx-VMS 0.18(mm)
LCSD 460-774982/6		04/30/2021 10:26	1	E24703.D	Rtx-VMS 0.18(mm)
MB 460-774982/10		04/30/2021 12:06	1	E24707.D	Rtx-VMS 0.18(mm)
ZZZZZ		04/30/2021 13:27	1		Rtx-VMS 0.18(mm)
ZZZZZ		04/30/2021 13:52	1		Rtx-VMS 0.18(mm)
ZZZZZ		04/30/2021 14:18	1		Rtx-VMS 0.18(mm)
ZZZZZ		04/30/2021 14:43	10		Rtx-VMS 0.18(mm)
ZZZZZ		04/30/2021 15:08	10		Rtx-VMS 0.18(mm)
ZZZZZ		04/30/2021 15:33	10		Rtx-VMS 0.18(mm)
ZZZZZ		04/30/2021 15:58	10		Rtx-VMS 0.18(mm)
ZZZZZ		04/30/2021 16:23	10		Rtx-VMS 0.18(mm)
460-233152-1	TW-03_20210428	04/30/2021 16:49	1	E24717.D	Rtx-VMS 0.18(mm)
460-233152-2	TW-04_20210428	04/30/2021 17:14	1	E24718.D	Rtx-VMS 0.18(mm)
ZZZZZ		04/30/2021 17:39	1		Rtx-VMS 0.18(mm)
ZZZZZ		04/30/2021 18:04	1		Rtx-VMS 0.18(mm)
ZZZZZ		04/30/2021 18:29	1		Rtx-VMS 0.18(mm)
ZZZZZ		04/30/2021 18:54	1		Rtx-VMS 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Batch Number: 768237 Batch Start Date: 03/30/21 10:05 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00127	524freon 00034	8260 SP 00137	8260ISNEW 00140
BFB 460-768237/1		8260D		5 mL	5 mL				
STD7 460-768237/3 IC		8260D		5 mL	5 mL				1 uL
STD5 460-768237/5 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-768237/6 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-768237/7 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-768237/8 IC		8260D		5 mL	5 mL				1 uL
STD500 460-768237/9 IC		8260D		5 mL	5 mL				1 uL
STD1 460-768237/21 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
ICV 460-768237/22		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00134	8260SURR250 00217	8FreonHi 00030	8FreonsSS 00030	ACROLEIN SP 00123	ACROLEIN W 00121
BFB 460-768237/1		8260D							
STD7 460-768237/3 IC		8260D			1 uL				
STD5 460-768237/5 IC		8260D		10 uL	1 uL				4 uL
STD20 460-768237/6 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-768237/7 IC		8260D		50 uL	1 uL				10 uL
STD200 460-768237/8 IC		8260D			1 uL	20 uL			20 uL
STD500 460-768237/9 IC		8260D			1 uL	50 uL			40 uL
STD1 460-768237/21 IC		8260D		10 uL	1 uL				4 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Batch Number: 768237 Batch Start Date: 03/30/21 10:05 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00134	8260SURR250 00217	8FreonHi 00030	8FreonsSS 00030	ACROLEIN SP 00123	ACROLEIN W 00121
ICV 460-768237/22		8260D			1 uL		20 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00084	BFB 00029	Ethanol mix 00050	GAS C SP 00402	GAS Hi 00384	GASES Li 00413
BFB 460-768237/1		8260D			1 uL				
STD7 460-768237/3 IC		8260D		20 uL					2.5 uL
STD5 460-768237/5 IC		8260D							10 uL
STD20 460-768237/6 ICIS		8260D							20 uL
STD50 460-768237/7 IC		8260D							50 uL
STD200 460-768237/8 IC		8260D				20 uL		20 uL	
STD500 460-768237/9 IC		8260D				50 uL		50 uL	
STD1 460-768237/21 IC		8260D							10 uL
ICV 460-768237/22		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00109	MIX I Hi 00136				
BFB 460-768237/1		8260D							
STD7 460-768237/3 IC		8260D							
STD5 460-768237/5 IC		8260D							
STD20 460-768237/6 ICIS		8260D							
STD50 460-768237/7 IC		8260D							
STD200 460-768237/8 IC		8260D		20 uL	20 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Batch Number: 768237 Batch Start Date: 03/30/21 10:05 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00109	MIX I Hi 00136				
STD500 460-768237/9 IC		8260D		50 uL	50 uL				
STD1 460-768237/21 IC		8260D							
ICV 460-768237/22		8260D							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Batch Number: 774982 Batch Start Date: 04/30/21 08:21 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260ISNEW 00140	8260MIX1COMB 00136	8260SURR250 00217
BFB 460-774982/1		8260D		5 mL	5 mL				
CCVIS 460-774982/4		8260D		5 mL	5 mL		1 uL	20 uL	1 uL
LCS 460-774982/5		8260D		5 mL	5 mL		1 uL	20 uL	1 uL
LCSD 460-774982/6		8260D		5 mL	5 mL		1 uL	20 uL	1 uL
MB 460-774982/10		8260D		5 mL	5 mL		1 uL		1 uL
460-233152-A-1	TW-03_20210428	8260D	T	5 mL	5 mL	<2 PH Units	1 uL		1 uL
460-233152-A-2	TW-04_20210428	8260D	T	5 mL	5 mL	<2 PH Units	1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00123	BFB 00029	GASES Li 00418			
BFB 460-774982/1		8260D			1 uL				
CCVIS 460-774982/4		8260D		4 uL		20 uL			
LCS 460-774982/5		8260D		4 uL		20 uL			
LCSD 460-774982/6		8260D		4 uL		20 uL			
MB 460-774982/10		8260D							
460-233152-A-1	TW-03_20210428	8260D	T						
460-233152-A-2	TW-04_20210428	8260D	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
TW-03_20210428	460-233152-1	114	98	103
TW-04_20210428	460-233152-2	111	95	98
	MB 460-775169/1-A	103	91	105
	LCS 460-775169/2-A	92	82	97

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	46-137
FBP = 2-Fluorobiphenyl	42-127
TPHL = Terphenyl-d14 (Surr)	39-150

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N31634.d

Lab ID: LCS 460-775169/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	80.0	62.0	78	44-111	
1,2-Dichlorobenzene	80.0	65.2	81	45-104	
1,3-Dichlorobenzene	80.0	63.6	80	39-102	
1,4-Dichlorobenzene	80.0	62.9	79	40-102	
2,2'-oxybis[1-chloropropane]	80.0	75.4	94	42-116	
2,4-Dinitrotoluene	80.0	78.4	98	68-134	
2,6-Dinitrotoluene	80.0	73.9	92	70-124	
2-Chloronaphthalene	80.0	67.1	84	57-107	
2-Methylnaphthalene	80.0	67.1	84	55-111	
2-Nitroaniline	80.0	78.0	98	62-115	
3,3'-Dichlorobenzidine	80.0	67.9	85	53-125	
3-Nitroaniline	80.0	81.3	102	60-112	
4-Bromophenyl phenyl ether	80.0	61.2	77	59-117	
4-Chloroaniline	80.0	70.3	88	42-114	
4-Chlorophenyl phenyl ether	80.0	63.9	80	63-113	
4-Nitroaniline	80.0	83.1	104	58-120	
Acenaphthene	80.0	65.9	82	60-110	
Acenaphthylene	80.0	69.3	87	64-109	
Anthracene	80.0	68.3	85	65-109	
Benzo[a]anthracene	80.0	66.1	83	62-106	
Benzo[a]pyrene	80.0	85.0	106	66-127	
Benzo[b]fluoranthene	80.0	80.7	101	66-125	
Benzo[g,h,i]perylene	80.0	60.5	76	49-149	
Benzo[k]fluoranthene	80.0	83.2	104	64-125	
Bis(2-chloroethoxy)methane	80.0	70.5	88	64-107	
Bis(2-chloroethyl)ether	80.0	69.9	87	63-110	
Bis(2-ethylhexyl) phthalate	80.0	85.0	106	60-120	
Butyl benzyl phthalate	80.0	83.7	105	58-119	
Carbazole	80.0	73.8	92	65-109	
Chrysene	80.0	70.3	88	63-108	
Dibenz(a,h)anthracene	80.0	61.7	77	55-150	
Dibenzofuran	80.0	67.3	84	66-109	
Diethyl phthalate	80.0	78.6	98	69-112	
Dimethyl phthalate	80.0	73.2	92	70-112	
Di-n-butyl phthalate	80.0	82.1	103	66-110	
Di-n-octyl phthalate	80.0	98.7	123	54-128	
Fluoranthene	80.0	71.9	90	65-113	
Fluorene	80.0	67.7	85	65-111	
Hexachlorobenzene	80.0	60.9	76	61-117	
Hexachlorobutadiene	80.0	58.0	73	10-133	
Hexachlorocyclopentadiene	80.0	54.8	69	10-123	
Hexachloroethane	80.0	68.9	86	17-115	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N31634.d

Lab ID: LCS 460-775169/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	80.0	61.0	76	54-150	
Isophorone	80.0	75.3	94	68-114	
Naphthalene	80.0	67.9	85	58-105	
Nitrobenzene	80.0	75.5	94	71-116	
N-Nitrosodi-n-propylamine	80.0	76.9	96	60-119	
N-Nitrosodiphenylamine	80.0	68.0	85	63-109	
Phenanthrene	80.0	68.4	85	65-108	
Pyrene	80.0	70.9	89	54-114	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab File ID: N31633.d Lab Sample ID: MB 460-775169/1-A

Matrix: Water Date Extracted: 05/01/2021 07:09

Instrument ID: CBNAMS14 Date Analyzed: 05/01/2021 17:32

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-775169/2-A	N31634.d	05/01/2021 17:53
TW-04_20210428	460-233152-2	N31653.d	05/02/2021 00:36
TW-03_20210428	460-233152-1	N31654.d	05/02/2021 00:57

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab File ID: N030094.d DFTPP Injection Date: 02/26/2021

Instrument ID: CBNAMS14 DFTPP Injection Time: 08:06

Analysis Batch No.: 761139

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.7 (1.9) 1
69	Present	39.2
70	Less than 2% of m/z 69	0.2 (0.5) 1
197	Less than 2% of m/z 198	0.0
198	Base Peak	100.0
199	5-9% of m/z 198	6.5
365	Greater than 1% of Base Peak	4.0
441	Less than 150% of m/z 443	21.3 (83.6) 3
442	Present	136.1
443	15-24% of m/z 442	25.5 (18.7) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-761139/2	N030095.d	02/26/2021	8:22
	STD24 460-761139/3	N030096.d	02/26/2021	8:43
	STD16 460-761139/4	N030097.d	02/26/2021	9:04
	STD4 460-761139/5	N030098.d	02/26/2021	9:25
	STD2 460-761139/6	N030099.d	02/26/2021	9:46
	STD1 460-761139/7	N030100.d	02/26/2021	10:07
	STD04 460-761139/8	N030101.d	02/26/2021	10:28
	STD02 460-761139/9	N030102.d	02/26/2021	10:49
	STD01 460-761139/10	N030103.d	02/26/2021	11:10
	ICV 460-761139/11	N030104.d	02/26/2021	11:32

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Sample No.: ICIS 460-761139/2 Date Analyzed: 02/26/2021 08:22

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N030095.d Heated Purge: (Y/N) N

Calibration ID: 83931

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		307653	4.34	1049136	5.56	536416	7.22
UPPER LIMIT		615306	4.84	2098272	6.06	1072832	7.72
LOWER LIMIT		153827	3.84	524568	5.06	268208	6.72
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-761139/11		278424	4.34	985346	5.55	485741	7.22

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Sample No.: ICIS 460-761139/2 Date Analyzed: 02/26/2021 08:22

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N030095.d Heated Purge: (Y/N) N

Calibration ID: 83931

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		882533	8.62	626168	11.23	578864	13.09
UPPER LIMIT		1765066	9.12	1252336	11.73	1157728	13.59
LOWER LIMIT		441267	8.12	313084	10.73	289432	12.59
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-761139/11		774280	8.62	543960	11.23	635641	13.08

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Sample No.: CCVIS 460-775252/2 Date Analyzed: 05/01/2021 16:41

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N31631.d Heated Purge: (Y/N) N

Calibration ID: 83931

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		371354	4.11	1334795	5.33	667479	7.00
UPPER LIMIT		742708	4.61	2669590	5.83	1334958	7.50
LOWER LIMIT		185677	3.61	667398	4.83	333740	6.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-775169/1-A		403268	4.11	1507752	5.33	816410	7.00
LCS 460-775169/2-A		461570	4.11	1693050	5.33	871463	7.00
460-233152-2	TW-04_20210428	403862	4.11	1470806	5.33	797138	7.00
460-233152-1	TW-03_20210428	439512	4.11	1722409	5.33	935437	7.00

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Sample No.: CCVIS 460-775252/2 Date Analyzed: 05/01/2021 16:41

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N31631.d Heated Purge: (Y/N) N

Calibration ID: 83931

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1108617	8.40	742900	10.97	736326	12.73
UPPER LIMIT		2217234	8.90	1485800	11.47	1472652	13.23
LOWER LIMIT		554309	7.90	371450	10.47	368163	12.23
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-775169/1-A		1525089	8.40	1062002	10.96	899631	12.73
LCS 460-775169/2-A		1519115	8.40	1077143	10.97	930558	12.73
460-233152-2	TW-04_20210428	1552245	8.39	1365416	10.96	1214723	12.73
460-233152-1	TW-03_20210428	1788197	8.39	1322000	10.96	1113732	12.73

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: TW-03_20210428 Lab Sample ID: 460-233152-1

Matrix: Water Lab File ID: N31654.d

Analysis Method: 8270E Date Collected: 04/28/2021 12:30

Extract. Method: 3510C Date Extracted: 05/01/2021 07:09

Sample wt/vol: 250(mL) Date Analyzed: 05/02/2021 00:57

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775252 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.0	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	10	U	10	0.50
541-73-1	1,3-Dichlorobenzene	10	U	10	2.0
106-46-7	1,4-Dichlorobenzene	10	U	10	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
91-57-6	2-Methylnaphthalene	10	U	10	0.53
88-74-4	2-Nitroaniline	10	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
100-01-6	4-Nitroaniline	10	U	10	1.2
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: TW-03_20210428 Lab Sample ID: 460-233152-1

Matrix: Water Lab File ID: N31654.d

Analysis Method: 8270E Date Collected: 04/28/2021 12:30

Extract. Method: 3510C Date Extracted: 05/01/2021 07:09

Sample wt/vol: 250(mL) Date Analyzed: 05/02/2021 00:57

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775252 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	98		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	114		46-137
1718-51-0	Terphenyl-d14 (Surr)	103		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31654.d
Lims ID: 460-233152-F-1-A
Client ID: TW-03_20210428
Sample Type: Client
Inject. Date: 02-May-2021 00:57:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127935-025
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 03-May-2021 11:40:06 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: khlungprakhons Date: 03-May-2021 11:39:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.110	4.110	0.000	98	439512	8.00	
$ 27 Nitrobenzene-d5	82	4.640	4.646	-0.006	94	1049006	11.4	
* 38 Naphthalene-d8	136	5.328	5.334	-0.006	99	1722409	8.00	
$ 51 2-Fluorobiphenyl	172	6.363	6.369	-0.006	97	1865609	9.83	
* 64 Acenaphthene-d10	164	6.998	6.998	0.000	97	935437	8.00	
* 87 Phenanthrene-d10	188	8.392	8.398	-0.006	99	1788197	8.00	
$ 96 Terphenyl-d14	244	9.916	9.916	0.000	98	2100925	10.3	
* 102 Chrysene-d12	240	10.963	10.969	-0.006	99	1322000	8.00	
* 109 Perylene-d12	264	12.727	12.733	-0.006	99	1113732	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00192 Amount Added: 20.00 Units: uL Run Reagent

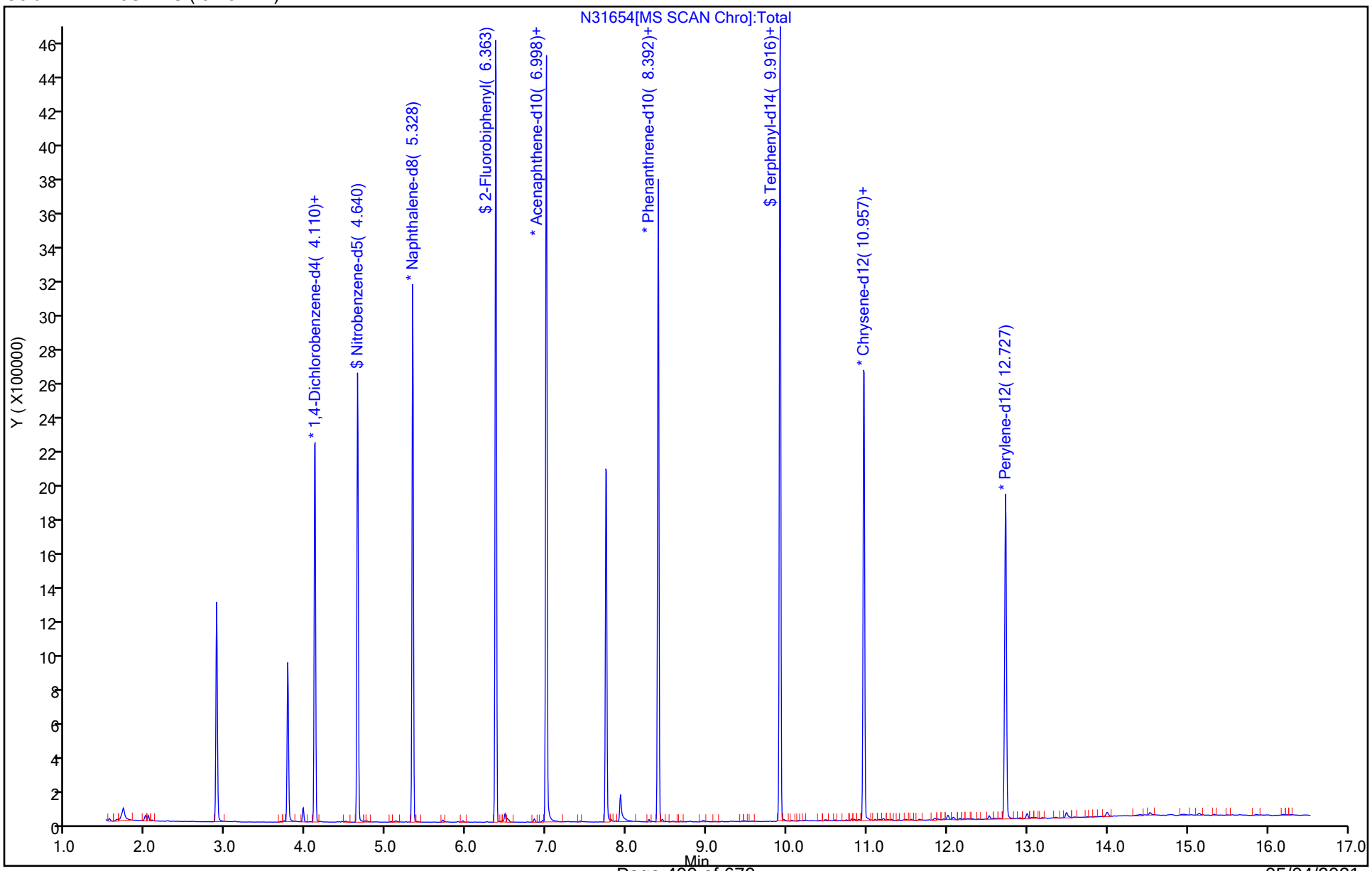
Report Date: 03-May-2021 11:40:25 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31654.d

Injection Date:	02-May-2021 00:57:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	460-233152-F-1-A	Lab Sample ID:	460-233152-1	Worklist Smp#:	25
Client ID:	TW-03_20210428				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



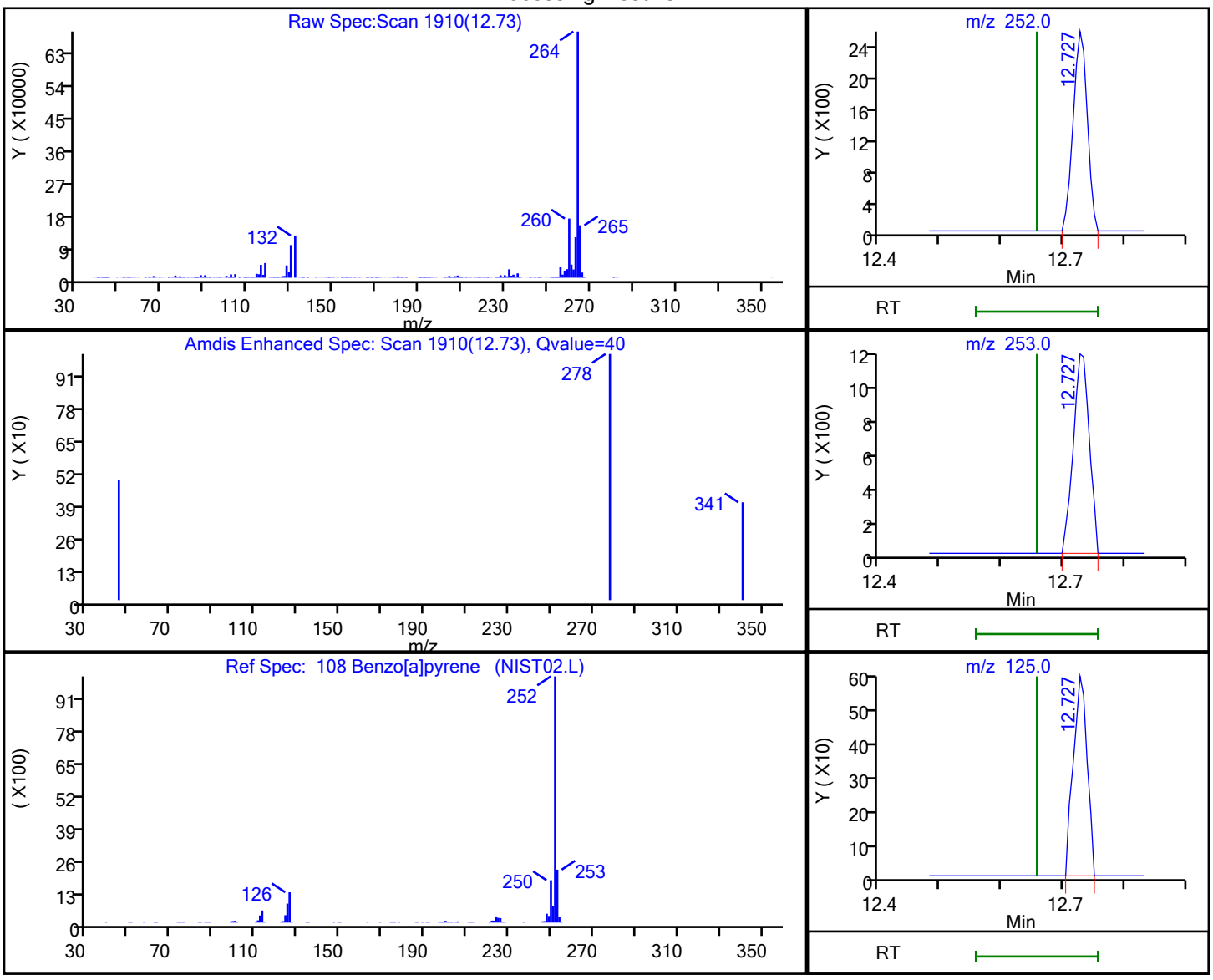
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31654.d				
Injection Date:	02-May-2021 00:57:30	Instrument ID:	CBNAMS14		
Lims ID:	460-233152-F-1-A	Lab Sample ID:	460-233152-1		
Client ID:	TW-03_20210428				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.73	252.00	4134	0.029405
12.73	253.00	2014	
12.73	125.00	930	

Reviewer: khlungprakhons, 03-May-2021 11:39:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: TW-04_20210428 Lab Sample ID: 460-233152-2

Matrix: Water Lab File ID: N31653.d

Analysis Method: 8270E Date Collected: 04/28/2021 11:38

Extract. Method: 3510C Date Extracted: 05/01/2021 07:09

Sample wt/vol: 250(mL) Date Analyzed: 05/02/2021 00:36

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775252 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.0	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	10	U	10	0.50
541-73-1	1,3-Dichlorobenzene	10	U	10	2.0
106-46-7	1,4-Dichlorobenzene	10	U	10	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
91-57-6	2-Methylnaphthalene	10	U	10	0.53
88-74-4	2-Nitroaniline	10	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
100-01-6	4-Nitroaniline	10	U	10	1.2
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: TW-04_20210428 Lab Sample ID: 460-233152-2

Matrix: Water Lab File ID: N31653.d

Analysis Method: 8270E Date Collected: 04/28/2021 11:38

Extract. Method: 3510C Date Extracted: 05/01/2021 07:09

Sample wt/vol: 250(mL) Date Analyzed: 05/02/2021 00:36

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775252 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	95		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	111		46-137
1718-51-0	Terphenyl-d14 (Surr)	98		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31653.d
Lims ID: 460-233152-G-2-A
Client ID: TW-04_20210428
Sample Type: Client
Inject. Date: 02-May-2021 00:36:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127935-024
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 03-May-2021 11:38:47 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: khlungprakhons Date: 03-May-2021 11:38:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.110	4.110	0.000	98	403862	8.00	
$ 27 Nitrobenzene-d5	82	4.640	4.646	-0.006	95	875739	11.1	
* 38 Naphthalene-d8	136	5.328	5.334	-0.006	99	1470806	8.00	
$ 51 2-Fluorobiphenyl	172	6.363	6.369	-0.006	97	1532114	9.47	
* 64 Acenaphthene-d10	164	6.998	6.998	0.000	96	797138	8.00	
* 87 Phenanthrene-d10	188	8.392	8.398	-0.006	99	1552245	8.00	
$ 96 Terphenyl-d14	244	9.916	9.916	0.000	98	2062326	9.82	
* 102 Chrysene-d12	240	10.963	10.969	-0.006	99	1365416	8.00	
* 109 Perylene-d12	264	12.727	12.733	-0.006	99	1214723	8.00	

QC Flag Legend
Processing Flags

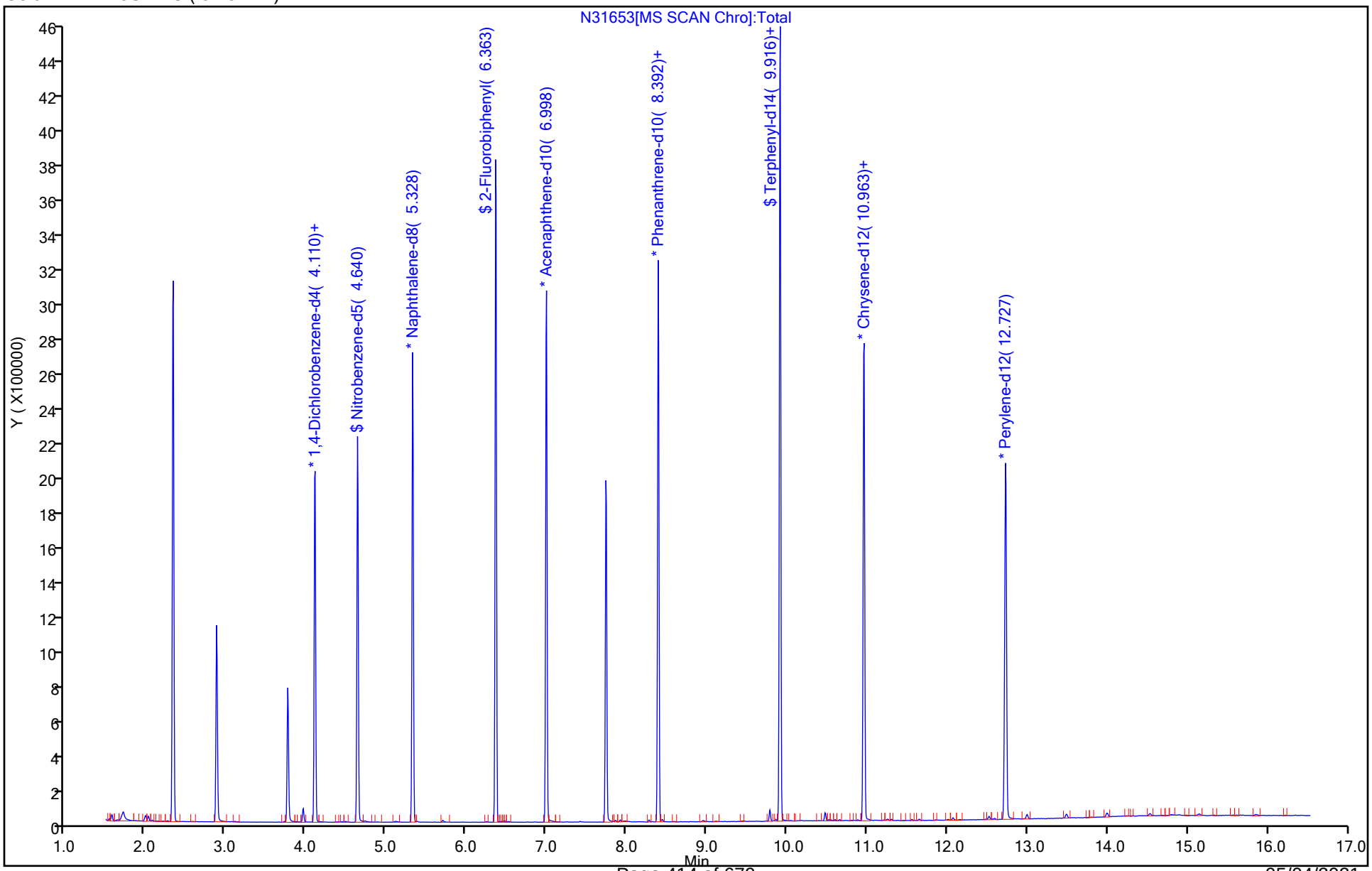
Reagents:
SM_ISTD_LVI_00192 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 03-May-2021 11:38:47 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31653.d				
Injection Date:	02-May-2021 00:36:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	460-233152-G-2-A	Lab Sample ID:	460-233152-2	Worklist Smp#:	24
Client ID:	TW-04_20210428				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



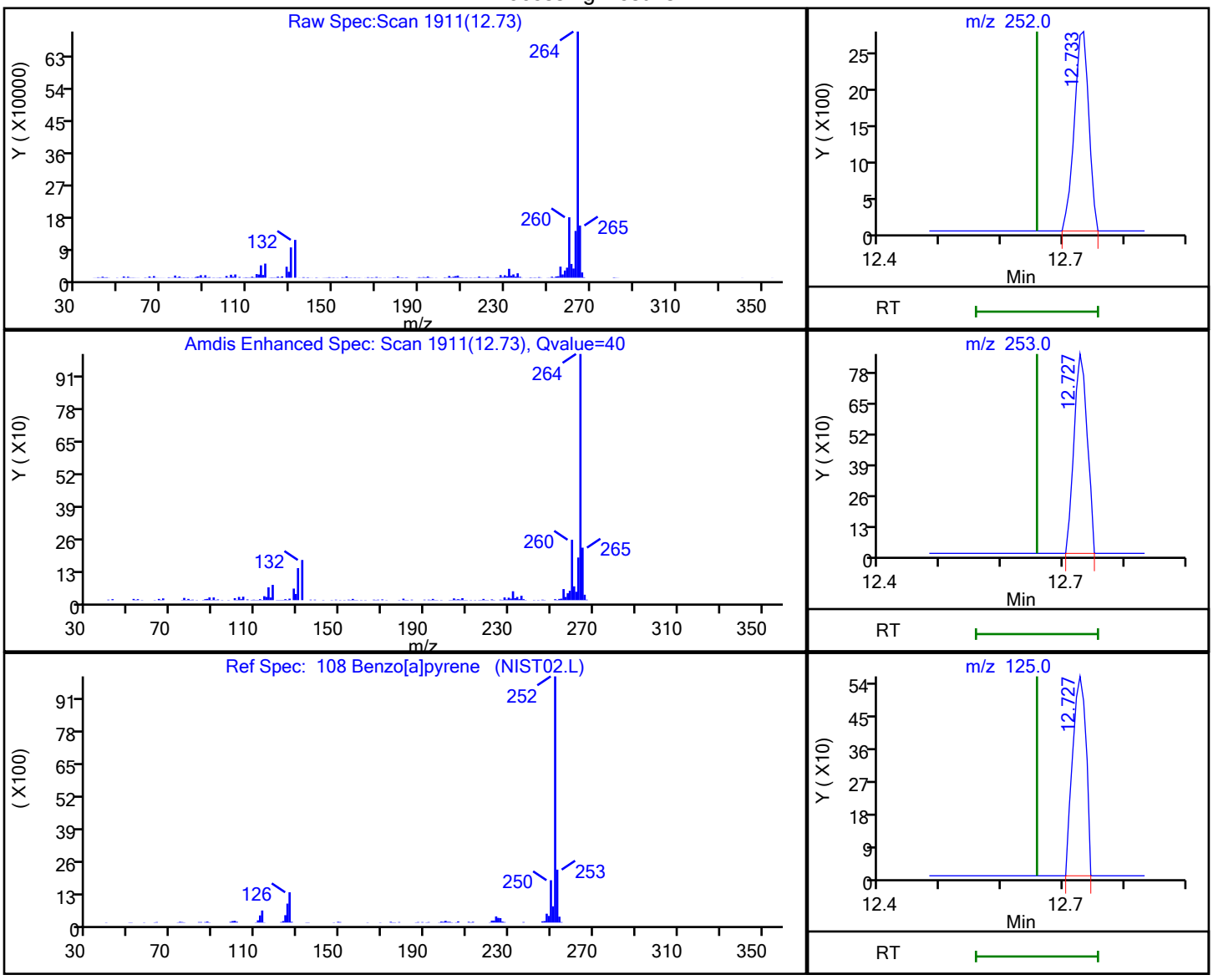
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31653.d				
Injection Date:	02-May-2021 00:36:30	Instrument ID:	CBNAMS14		
Lims ID:	460-233152-G-2-A	Lab Sample ID:	460-233152-2		
Client ID:	TW-04_20210428				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.73	252.00	4608	0.030051
12.73	253.00	1287	
12.73	125.00	850	

Reviewer: khlungprakhons, 03-May-2021 11:38:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-761139/10	N030103.d
Level 2	STD02 460-761139/9	N030102.d
Level 3	STD04 460-761139/8	N030101.d
Level 4	STD1 460-761139/7	N030100.d
Level 5	STD2 460-761139/6	N030099.d
Level 6	STD4 460-761139/5	N030098.d
Level 7	ICIS 460-761139/2	N030095.d
Level 8	STD16 460-761139/4	N030097.d
Level 9	STD24 460-761139/3	N030096.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5149	0.5291	0.4930	0.5467 0.4886	0.5417	Ave		0.5190			0.0100	4.7		20.0			
N-Nitrosodimethylamine	0.7434	0.7657	0.7408	0.7770 0.7217	0.7584	Ave		0.7512			0.0100	2.6		20.0			
Pyridine	1.1288 1.2930	1.1394 1.1561	1.2468	1.3030 1.1916	1.3210	Ave		1.2225			0.0100	6.4		20.0			
Benzaldehyde	1.1450	1.1031 +++++	1.1360 +++++	1.1643 +++++	1.1597	Ave		1.1416			0.0100	2.1		20.0			
Aniline	2.0009	2.0346	1.8884	2.1140 1.6983	2.0634	Ave		1.9666			0.0100	7.7		20.0			
Phenol	1.7279	1.7661	1.6589	1.7710 1.6252	1.7934	Ave		1.7238			0.8000	3.9		20.0			
Bis(2-chloroethyl)ether	1.2831 1.3234	1.3866 1.3263	1.2811	1.4326 1.2943	1.4018	Ave		1.3412			0.7000	4.3		20.0			
2-Chlorophenol	1.3157	1.3420	1.2742	1.3736 1.2282	1.3756	Ave		1.3182			0.8000	4.4		20.0			
n-Decane	1.9433	1.9897	1.8795	2.0549 1.8634	2.0086	Ave		1.9566			0.0100	3.8		20.0			
1,3-Dichlorobenzene	1.5348	1.5755	1.4797	1.6011 1.4604	1.6155	Ave		1.5445			0.0100	4.2		20.0			
1,4-Dichlorobenzene	1.5425	1.5759	1.5046	1.6343 1.4654	1.6262	Ave		1.5581			0.0100	4.3		20.0			
Benzyl alcohol	0.7675	0.7918	0.7294	0.7502 0.7132	0.7809	Ave		0.7555			0.0100	4.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4366	1.4884	1.3998	1.5372 1.3897	1.5385	Ave		1.4650			0.0100	4.5		20.0			
2,2'-oxybis[1-chloropropane]	2.4892	2.5308	2.3403	2.6372 2.2242	2.5974	Ave		2.4698			0.0100	6.4		20.0			
2-Methylphenol	1.1328	1.1549	1.1024	1.1869 1.0761	1.1631	Ave		1.1360			0.7000	3.6		20.0			
N-Methylaniline	1.8443 2.0523	1.9964 2.0459	2.0034	2.1192 1.9512	2.0829	Ave		2.0120			0.0100	4.3		20.0			
Acetophenone	1.8865	1.8572	1.7535	2.0261 1.6715	1.9606	Ave		1.8592			0.0100	7.0		20.0			
N-Nitrosodi-n-propylamine	0.9509 1.0109	0.9323 1.0101	0.9577	1.0734 0.8989	1.0523	Ave		0.9858			0.5000	6.2		20.0			
3 & 4 Methylphenol	1.2339	1.2281	1.1820	1.2288 1.1173	1.2858	Ave		1.2126			0.0100	4.7		20.0			
4-Methylphenol	1.2339	1.2281	1.1820	1.2288 1.1173	1.2858	Ave		1.2126			0.6000	4.7		20.0			
Hexachloroethane	0.5801 0.6031	0.5970 0.6116	0.5959	0.6036 0.5827	0.6292	Ave		0.6004			0.3000	2.6		20.0			
Nitrobenzene	0.4902 0.6358	0.6121 0.6359	0.6047	0.6608 0.5722	0.6618	Ave		0.6092			0.2000	9.3		20.0			
n,n'-Dimethylaniline	2.0459 1.8797	1.9862 1.8940	1.8454	2.0304 1.8148	1.9373	Ave		1.9292			0.0100	4.4		20.0			
Isophorone	0.6992	0.6655 0.7230	0.6823	0.6994 0.6635	0.7221	Ave		0.6936			0.4000	3.5		20.0			
2-Nitrophenol	0.2060	0.2121	0.2031	0.2030 0.1988	0.2099	Ave		0.2055			0.1000	2.4		20.0			
2,4-Dimethylphenol	0.3102	0.3165	0.3020	0.3112 0.2928	0.3138	Ave		0.3077			0.2000	2.9		20.0			
Bis(2-chloroethoxy)methane	0.4282	0.4482	0.4256	0.4531 0.4064	0.4420	Ave		0.4339			0.3000	4.0		20.0			
Benzoic acid	0.1304	0.1515	0.1833	0.0644 0.1760	0.0752	Qua	-0.192	0.1836	0.0001000		0.0100				0.9960		0.9900
2,4-Dichlorophenol	0.3242	0.3253	0.3128	0.3196 0.3041	0.3296	Ave		0.3193			0.2000	2.9		20.0			
1,2,4-Trichlorobenzene	0.3850 0.3776	0.3705 0.3912	0.3771	0.3798 0.3667	0.3814	Ave		0.3787			0.0100	2.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	0.9857 1.0430	1.0012 1.0739	1.0190	1.0735 0.9930	1.0743	Ave		1.0329			0.7000	3.7		20.0			
4-Chloroaniline	0.3428 0.4061	0.3743 0.4122	0.3847	0.4235 0.3443	0.4214	Ave		0.3887			0.0100	8.4		20.0			
2,6-Dichlorophenol	0.3137	0.3200	0.3072	0.3331 0.2949	0.3243	Qua2	0.0116	0.3212	-0.000997						1.0000		0.9900
Hexachlorobutadiene	0.2428 0.2384	0.2475 0.2514	0.2415	0.2431 0.2381	0.2428	Ave		0.2432			0.0100	1.8		20.0			
Caprolactam	0.0716	0.0502 0.0753	0.0519 0.0757	0.0625 +++++	0.0666	Ave		0.0648			0.0100	16.2		20.0			
4-Chloro-3-methylphenol	0.2965	0.3035	0.2830	0.3016 0.2806	0.3077	Ave		0.2955			0.2000	3.8		20.0			
2-Methylnaphthalene	0.7066	0.6966 0.7455	0.6971	0.7577 0.6654	0.7490	Ave		0.7169			0.4000	4.8		20.0			
1-Methylnaphthalene	0.6693	0.6373 0.6861	0.6469	0.7068 0.6216	0.7020	Ave		0.6671			0.0100	4.9		20.0			
Hexachlorocyclopentadiene	0.5548	0.6044	0.5905	0.5484 0.5885	0.5641	Ave		0.5751			0.0500	3.9		20.0			
1,2,4,5-Tetrachlorobenzene	0.7393	0.7660	0.7470	0.7170 0.7615	0.7878	Ave		0.7531			0.0100	3.2		20.0			
2-tertbutyl-4-methylphenol	0.4588	0.4343 0.4685	0.4537	0.4530 0.4526	0.4585	Ave		0.4542			0.0100	2.3		20.0			
2,4,6-Trichlorophenol	0.4527	0.3850 0.4742	0.4741	0.4478 0.4625	0.4797	Ave		0.4537			0.2000	7.2		20.0			
2,4,5-Trichlorophenol	0.4857	0.5098	0.4804	0.4670 0.4888	0.5113	Ave		0.4905			0.2000	3.5		20.0			
1,1'-Biphenyl	1.5914	1.6690	1.5913	1.6112 1.5925	1.6880	Ave		1.6239			0.0100	2.7		20.0			
2-Chloronaphthalene	1.2455	1.2940	1.2321	1.2915 1.2333	1.3188	Ave		1.2692			0.8000	2.9		20.0			
Phenyl ether	0.8543	0.9165	0.8793	0.8572 0.9100	0.8739	Ave		0.8819			0.0100	3.0		20.0			
2-Nitroaniline	0.4897	0.4986	0.4834	0.4631 0.4904	0.5154	Ave		0.4901			0.0100	3.5		20.0			
1,3-Dimethylnaphthalene	0.9606	1.0460	0.9853	0.9566 1.0149	1.0165	Ave		0.9966			0.0100	3.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dimethyl phthalate	1.2939	1.4072	1.3193	1.3649 1.3598	1.3697	Ave		1.3525			0.0100	3.0		20.0			
Coumarin	0.1941	0.2028	0.1923	0.2012 0.1894	0.1984	Ave		0.1964			0.0100	2.7		20.0			
2,6-Dinitrotoluene	0.3113	0.2537 0.3209	0.3022	0.3087 0.3030	0.3182	Ave		0.3026			0.2000	7.5		20.0			
Acenaphthylene	1.8542	1.8903	1.8493	1.8697 1.8233	1.9941	Ave		1.8801			0.9000	3.2		20.0			
3-Nitroaniline	0.2694	0.2809	0.2757	0.2691 0.2628	0.2879	Ave		0.2743			0.0100	3.3		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.1992	1.3308	1.3320	1.2475 1.3519	1.2488	Ave		1.2850			0.0100	4.8		20.0			
Acenaphthene	1.1690	1.2013	1.1337	1.1934 1.1213	1.2056	Ave		1.1707			0.9000	3.1		20.0			
2,4-Dinitrophenol	+++++ 0.1595	+++++ 0.1715	+++++ 0.1904	0.1094 0.1961	0.1467	Qua	-0.141	0.1734	0.0005476		0.0100				1.0000		0.9900
4-Nitrophenol	0.2369	0.2510	0.2630	0.2161 0.2620	0.2356	Ave		0.2441			0.0100	7.4		20.0			
2,4-Dinitrotoluene	0.3839	0.2938 0.4082	0.3839	0.4042 0.3894	0.3954	Ave		0.3798			0.2000	10.3		20.0			
Dibenzofuran	1.6910	1.7940	1.6719	1.8417 1.6694	1.8323	Ave		1.7501			0.8000	4.7		20.0			
2,3,4,6-Tetrachlorophenol	0.3752	0.4054	0.3913	0.3839 0.3972	0.3896	Ave		0.3904			0.0100	2.7		20.0			
Diethyl phthalate	1.2511	1.3550	1.2815	1.2916 1.2899	1.2723	Ave		1.2902			0.0100	2.7		20.0			
4-Chlorophenyl phenyl ether	0.6936	0.7357	0.6858	0.7504 0.6772	0.7437	Ave		0.7144			0.4000	4.5		20.0			
Fluorene	1.3356	1.4134	1.3287	1.4630 1.3280	1.4481	Ave		1.3861			0.9000	4.5		20.0			
4-Nitroaniline	0.2546	0.2572	0.2580	0.2446 0.2468	0.2642	Ave		0.2542			0.0100	2.9		20.0			
4,6-Dinitro-2-methylphenol	+++++ 0.1313	+++++ 0.1344	+++++ 0.1416	0.1039 0.1405	0.1276	Ave		0.1299			0.0100	10.6		20.0			
N-Nitrosodiphenylamine	0.5871	0.5882	0.5817	0.5825 0.5609	0.5956	Ave		0.5827			0.0100	2.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.8763	0.8854	0.8573	0.8488 0.8455	0.8643	Ave		0.8629			0.0100	1.8		20.0			
4-Bromophenyl phenyl ether	0.2755	0.2777	0.2757	0.2701 0.2713	0.2853	Ave		0.2759			0.1000	2.0		20.0			
Hexachlorobenzene	0.2937 0.3312	0.3171 0.3261	0.3346	0.3321 0.3250	0.3425	Ave		0.3253			0.1000	4.5		20.0			
Atrazine	0.2012	0.1585 0.2216	0.1638 0.2130	0.1850 +++++	0.1928	Ave		0.1909			0.0100	12.4		20.0			
Pentachlorophenol	+++++ 0.1652	+++++ 0.1729	+++++ 0.1841	0.1378 0.1850	0.1515	Ave		0.1661			0.0500	11.2		20.0			
Pentachloronitrobenzene	0.1239	0.1297	0.1309	0.1212 0.1322	0.1169	Ave		0.1258			0.0100	4.9		20.0			
n-Octadecane	0.6794	0.7259	0.7149	0.6381 0.7042	0.6722	Ave		0.6891			0.0100	4.7		20.0			
Phenanthrene	1.1056	1.1242	1.1007	1.1676 1.0668	1.1615	Ave		1.1211			0.7000	3.4		20.0			
Anthracene	1.1372	1.1522	1.1353	1.1412 1.1015	1.1633	Ave		1.1384			0.7000	1.8		20.0			
Carbazole	0.9496	0.9531	0.9573	0.9391 0.9249	0.9760	Ave		0.9500			0.0100	1.8		20.0			
Di-n-butyl phthalate	1.0560	1.1291	1.1870	0.9362 1.1543	1.0158	Ave		1.0797			0.0100	8.8		20.0			
Fluoranthene	1.0751	1.1101	1.1410	1.0448 1.1060	1.1343	Ave		1.1019			0.6000	3.3		20.0			
Benzidine	0.3855	0.3786	0.4798	0.4041 +++++	0.3958	Ave		0.4088			0.0100	10.0		20.0			
Pyrene	1.5937	1.6265 1.5861	1.4901	1.7054 1.4992	1.7506	Ave		1.6074			0.6000	6.0		20.0			
Bisphenol-A	0.5455	0.5542	0.6192	0.4756 0.6063	0.5106	Ave		0.5519				9.9		20.0			
Butyl benzyl phthalate	0.5793	0.5570	0.6077	0.5273 0.5995	0.5695	Ave		0.5734			0.0100	5.1		20.0			
2,3,7,8-TCDD		0.2097				Ave		0.2097			0.0100			20.0			
Carbamazepine	0.5408	0.4788	0.6118	0.5024 0.6435	0.5445	Ave		0.5536			0.0100	11.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.5162	0.4796 0.4793	0.5437	0.4713 0.5519	0.5170	Ave		0.5084			0.0100	6.4		20.0			
Benzo[a]anthracene	1.5383 1.3631	1.3592 1.3231	1.3500	1.3408 1.3453	1.4414	Ave		1.3827			0.8000	5.2		20.0			
Chrysene	1.2934	1.3308 1.2796	1.3130	1.4310 1.2772	1.3425	Ave		1.3239			0.7000	4.0		20.0			
Bis(2-ethylhexyl) phthalate	0.8140	0.6509 0.7330	0.6516 0.8563	0.7137 0.8650	0.8084	Ave		0.7616			0.0100	11.3		20.0			
Di-n-octyl phthalate	1.2122	1.2989	1.2207	1.0800 1.1917	1.2176	Ave		1.2035			0.0100	5.9		20.0			
Benzo[b]fluoranthene	1.0162 1.1681	1.0563 1.3354	1.1774	1.1803 1.1360	1.2164	Ave		1.1608			0.7000	8.4		20.0			
Benzo[k]fluoranthene	1.1129 1.2837	1.0891 1.3461	1.2216	1.2484 1.2173	1.2819	Ave		1.2251			0.7000	7.1		20.0			
Benzo[a]pyrene	0.8753 1.0408	0.8825 1.1293	1.0365	1.0329 1.0232	1.0584	Ave		1.0099			0.7000	8.6		20.0			
Indeno[1,2,3-cd]pyrene	1.2142 1.3148	1.2529 1.3303	1.4002	1.3348 1.4022	1.3290	Ave		1.3223			0.5000	4.9		20.0			
Dibenz(a,h)anthracene	1.2449 1.2811	1.2270 1.2695	1.3285	1.3597 1.2930	1.3091	Ave		1.2891			0.4000	3.4		20.0			
Benzo[g,h,i]perylene	1.2959	1.2864	1.3528	1.3073 1.3903	1.3745	Ave		1.3345			0.5000	3.3		20.0			
2-Fluorophenol (Surr)	1.2193	1.2200 1.3763	1.2685	1.2315 1.2618	1.2618	Ave		1.2627			0.0100	4.3		20.0			
Phenol-d5 (Surr)	1.5233	1.5653 1.7247	1.5706	1.6125 1.5457	1.5779	Ave		1.5885			0.0100	4.2		20.0			
Nitrobenzene-d5 (Surr)	0.3880 0.4259	0.3990 0.4852	0.4453	0.4188 0.4416	0.4288	Ave		0.4291			0.0100	7.0		20.0			
2-Fluorobiphenyl	1.6159 1.5174	1.5976 1.8012	1.6271	1.5465 1.6677	1.6123	Ave		1.6232			0.0100	5.3		20.0			
2,4,6-Tribromophenol (Surr)	0.2595 0.2868	0.2339 0.3505	0.3164 0.3191	0.3105 0.3277	0.3040	Ave		0.3009			0.0100	11.9		20.0			
Terphenyl-d14 (Surr)	1.2814 1.1653	1.2472 1.3086	1.1983	1.2281 1.1767	1.2334	Ave		1.2299			0.0100	4.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-761139/10	N030103.d
Level 2	STD02 460-761139/9	N030102.d
Level 3	STD04 460-761139/8	N030101.d
Level 4	STD1 460-761139/7	N030100.d
Level 5	STD2 460-761139/6	N030099.d
Level 6	STD4 460-761139/5	N030098.d
Level 7	ICIS 460-761139/2	N030095.d
Level 8	STD16 460-761139/4	N030097.d
Level 9	STD24 460-761139/3	N030096.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	73598	203480	338890	17413 386182	36567	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodimethylamine	DCBd 4	Ave	106256	294451	509275	24751 570454	51197	4.00	10.0	16.0	1.00 24.0	2.00
Pyridine	DCBd 4	Ave	8041 369631	14796 889163	1714195	83011 1883777	178362	0.200 8.00	0.400 20.0	32.0	2.00 48.0	4.00
Benzaldehyde	DCBd 4	Ave	130930	7162 +++++	16511 +++++	37088 +++++	78286	3.20	0.200 +++++	0.400 +++++	1.00 +++++	2.00
Aniline	DCBd 4	Ave	286003	782455	1298139	67338 1342450	139294	4.00	10.0	16.0	1.00 24.0	2.00
Phenol	DCBd 4	Ave	246980	679196	1140373	56411 1284691	121071	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethyl)ether	DCBd 4	Ave	4570 189160	9003 510056	880680	45633 1023129	94635	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Chlorophenol	DCBd 4	Ave	188070	516102	875939	43753 970807	92867	4.00	10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Decane	DCBd 4	Ave	277767	765182	1292043	65455 1472950	135599	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dichlorobenzene	DCBd 4	Ave	219375	605881	1017184	51000 1154355	109057	4.00	10.0	16.0	1.00 24.0	2.00
1,4-Dichlorobenzene	DCBd 4	Ave	220488	606045	1034298	52057 1158342	109779	4.00	10.0	16.0	1.00 24.0	2.00
Benzyl alcohol	DCBd 4	Ave	109703	304498	501437	23896 563785	52719	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Dichlorobenzene	DCBd 4	Ave	205348	572381	962243	48965 1098470	103863	4.00	10.0	16.0	1.00 24.0	2.00
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	355793	973257	1608799	84004 1758146	175345	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylphenol	DCBd 4	Ave	161922	444148	757812	37807 850591	78517	4.00	10.0	16.0	1.00 24.0	2.00
N-Methylaniline	DCBd 4	Ave	6569 293353	12962 786783	1377178	67504 1542349	140614	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acetophenone	DCBd 4	Ave	269645	714235	1205411	64537 1321261	132359	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodi-n-propylamine	DCBd 4	Ave	3387 144497	6053 388467	658344	34192 710517	71039	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
3 & 4 Methylphenol	DCBd 4	Ave	176373	472276	812570	39140 883180	86800	4.00	10.0	16.0	1.00 24.0	2.00
4-Methylphenol	DCBd 4	Ave	176373	472276	812570	39140 883180	86800	4.00	10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Hexachloroethane	DCBd 4	Ave	2066 86203	3876 235195	409644	19228 460579	42479	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene	DCBd 4	Ave	1746 90884	3974 244542	415681	21049 452331	44674	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
n,n'-Dimethylaniline	DCBd 4	Ave	7287 268681	12896 728381	1268610	64676 1434511	130781	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Isophorone	NPT	Ave	351341	15485 948176	1578213	82351 1720117	174351	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Nitrophenol	NPT	Ave	103502	278165	469782	23901 515348	50678	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dimethylphenol	NPT	Ave	155856	415014	698509	36637 758922	75769	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethoxy)methane	NPT	Ave	215170	587723	984588	53344 1053485	106705	4.00	10.0	16.0	1.00 24.0	2.00
Benzoic acid	NPT	Qua	65512	198647	424113	7585 456309	18168	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dichlorophenol	NPT	Ave	162891	426617	723568	37634 788227	79579	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4-Trichlorobenzene	NPT	Ave	4983 189748	8621 513006	872230	44719 950736	92075	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Naphthalene	NPT	Ave	12759 524060	23296 1408306	2357134	126390 2574094	259381	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
4-Chloroaniline	NPT	Ave	4437 204068	8709 540577	889888	49860 892506	101748	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,6-Dichlorophenol	NPT	Qua2	157614	419695	710718	39217 764466	78301	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobutadiene	NPT	Ave	3143 119783	5758 329709	558657	28621 617254	58613	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Caprolactam	NPT	Ave	28780	1168 39493	2684 52564	7361 +++++	16091	3.20	0.200 4.00	0.400 4.80	1.00 +++++	2.00
4-Chloro-3-methylphenol	NPT	Ave	148959	397984	654552	35505 727542	74283	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylnaphthalene	NPT	Ave		16209		89210	180838		0.200		1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			355059	977607	1612612	1725017		4.00	10.0	16.0	24.0	
1-Methylnaphthalene	NPT	Ave	336300	14828 899738	1496410	83211 1611342	169498	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Hexachlorocyclopentadiene	ANT	Ave	143946	405267	679492	35160 719614	69886	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	191835	513615	859457	45970 931163	97612	4.00	10.0	16.0	1.00 24.0	2.00
2-tertbutyl-4-methylphenol	NPT	Ave	230555	10105 614382	1049416	53334 1173197	110698	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Trichlorophenol	ANT	Ave	117455	4954 317963	545480	28712 565519	59435	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,5-Trichlorophenol	ANT	Ave	126030	341843	552779	29943 597713	63355	4.00	10.0	16.0	1.00 24.0	2.00
1,1'-Biphenyl	ANT	Ave	412921	1119087	1830962	103303 1947367	209139	4.00	10.0	16.0	1.00 24.0	2.00
2-Chloronaphthalene	ANT	Ave	323167	867644	1417632	82804 1508123	163393	4.00	10.0	16.0	1.00 24.0	2.00
Phenyl ether	ANT	Ave	221664	614521	1011742	54959 1112823	108274	4.00	10.0	16.0	1.00 24.0	2.00
2-Nitroaniline	ANT	Ave	127057	334327	556161	29694 599632	63861	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dimethylnaphthalene	ANT	Ave	249251	701350	1133665	61331 1241065	125938	4.00	10.0	16.0	1.00 24.0	2.00
Dimethyl phthalate	ANT	Ave	335733	943561	1517983	87512 1662798	169700	4.00	10.0	16.0	1.00 24.0	2.00
Coumarin	NPT	Ave	97538	265938	444891	23690 490978	47908	4.00	10.0	16.0	1.00 24.0	2.00
2,6-Dinitrotoluene	ANT	Ave	80780	3265 215174	347703	19790 370469	39423	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acenaphthylene	ANT	Ave	481113	1267474	2127817	119875 2229611	247060	4.00	10.0	16.0	1.00 24.0	2.00
3-Nitroaniline	ANT	Ave	69905	188374	317274	17256 321389	35665	4.00	10.0	16.0	1.00 24.0	2.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	311168	892357	1532643	79983 1653106	154720	4.00	10.0	16.0	1.00 24.0	2.00
Acenaphthene	ANT	Ave				76518	149372				1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			303323	805482	1304428	1371153		4.00	10.0	16.0	24.0	
2,4-Dinitrophenol	ANT	Qua	+++++ 82793	+++++ 229999	+++++ 438095	14034 479600	36363	+++++ 8.00	+++++ 20.0	+++++ 32.0	2.00 48.0	4.00
4-Nitrophenol	ANT	Ave	 122954	 336636	 605192	27712 640836	58390	 8.00	 20.0	 32.0	2.00 48.0	4.00
2,4-Dinitrotoluene	ANT	Ave	 99603	3781 273681	 441716	25914 476202	48992	 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Dibenzofuran	ANT	Ave	 438774	 1202886	 1923757	118080 2041399	227021	 4.00	 10.0	 16.0	1.00 24.0	2.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	 97349	 271817	 450286	24614 485701	48271	 4.00	 10.0	 16.0	1.00 24.0	2.00
Diethyl phthalate	ANT	Ave	 324641	 908588	 1474497	82809 1577307	157641	 4.00	 10.0	 16.0	1.00 24.0	2.00
4-Chlorophenyl phenyl ether	ANT	Ave	 179971	 493322	 789126	48112 828096	92142	 4.00	 10.0	 16.0	1.00 24.0	2.00
Fluorene	ANT	Ave	 346551	 947702	 1528873	93802 1623971	179417	 4.00	 10.0	 16.0	1.00 24.0	2.00
4-Nitroaniline	ANT	Ave	 66055	 172443	 296909	15685 301831	32734	 4.00	 10.0	 16.0	1.00 24.0	2.00
4,6-Dinitro-2-methylphenol	PHN	Ave	+++++ 105239	+++++ 296543	+++++ 507660	22213 545687	50786	+++++ 8.00	+++++ 20.0	+++++ 32.0	2.00 48.0	4.00
N-Nitrosodiphenylamine	PHN	Ave	 235343	 648915	 1042489	62290 1089540	118562	 4.00	 10.0	 16.0	1.00 24.0	2.00
1,2-Diphenylhydrazine	PHN	Ave	 351255	 976736	 1536481	90767 1642286	172049	 4.00	 10.0	 16.0	1.00 24.0	2.00
4-Bromophenyl phenyl ether	PHN	Ave	 110445	 306310	 494150	28882 526874	56787	 4.00	 10.0	 16.0	1.00 24.0	2.00
Hexachlorobenzene	PHN	Ave	3378 132766	6804 359792	 599692	35515 631324	68172	0.100 4.00	0.200 10.0	 16.0	1.00 24.0	2.00
Atrazine	PHN	Ave	 64527	3402 97780	7710 114544	19781 +++++	38383	 3.20	0.200 4.00	0.400 4.80	1.00 +++++	2.00
Pentachlorophenol	PHN	Ave	+++++ 132484	+++++ 381552	+++++ 659939	29472 718583	60336	+++++ 8.00	+++++ 20.0	+++++ 32.0	2.00 48.0	4.00
Pentachloronitrobenzene	PHN	Ave	 49685	 143060	 234555	12955 256858	23274	 4.00	 10.0	 16.0	1.00 24.0	2.00
n-Octadecane	PHN	Ave				68229	133811				1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			272347	800773	1281258	1367798		4.00	10.0	16.0	24.0	
Phenanthrene	PHN	Ave	443171	1240191	1972686	124847 2072108	231223	4.00	10.0	16.0	1.00 24.0	2.00
Anthracene	PHN	Ave	455868	1271045	2034687	122023 2139477	231583	4.00	10.0	16.0	1.00 24.0	2.00
Carbazole	PHN	Ave	380660	1051479	1715660	100418 1796461	194283	4.00	10.0	16.0	1.00 24.0	2.00
Di-n-butyl phthalate	PHN	Ave	423314	1245630	2127334	100104 2242190	202217	4.00	10.0	16.0	1.00 24.0	2.00
Fluoranthene	PHN	Ave	430984	1224667	2044793	111716 2148343	225797	4.00	10.0	16.0	1.00 24.0	2.00
Benzidine	PHN	Ave	154548	417672	859867	43206 +++++	78794	4.00	10.0	16.0	1.00 +++++	2.00
Pyrene	CRY	Ave	432213	20391 1241471	2051477	114473 2167390	223803	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bisphenol-A	CRY	Ave	147943	433789	852464	31925 876559	65276	4.00	10.0	16.0	1.00 24.0	2.00
Butyl benzyl phthalate	CRY	Ave	157120	435968	836563	35393 866642	72805	4.00	10.0	16.0	1.00 24.0	2.00
2,3,7,8-TCDD	CRY	Ave		1641					0.100			
Carbamazepine	CRY	Ave	146662	374744	842264	33723 930376	69615	4.00	10.0	16.0	1.00 24.0	2.00
3,3'-Dichlorobenzidine	CRY	Ave	139983	6012 375162	748511	31634 797941	66093	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[a]anthracene	CRY	Ave	10754 369664	17040 1035616	1858617	89999 1944887	184267	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Chrysene	CRY	Ave	350772	16683 1001523	1807650	96053 1846412	171632	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	220766	8160 573741	18515 1178864	47906 1250488	103352	4.00	0.200 10.0	0.400 16.0	1.00 24.0	2.00
Di-n-octyl phthalate	PRY	Ave	366176	939859	2013522	80880 2094536	177139	4.00	10.0	16.0	1.00 24.0	2.00
Benzo[b]fluoranthene	PRY	Ave	7911 352860	15448 966249	1942088	88388 1996596	176973	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[k]fluoranthene	PRY	Ave	8664	15928		93493	186493	0.100	0.200		1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 761139

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/26/2021 08:22 Calibration End Date: 02/26/2021 11:10 Calibration ID: 83931

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			387771	973988	2014900	2139569		4.00	10.0	16.0	24.0	
Benzo[a]pyrene	PRY	Ave	6814 314404	12906 817106	1709624	77355 1798376	153986	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	9453 397148	18323 962576	2309503	99965 2464586	193352	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenz(a,h)anthracene	PRY	Ave	9692 386986	17945 918603	2191224	101823 2272549	190451	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[g,h,i]perylene	PRY	Ave	391462	930817	2231393	97899 2443645	199972	4.00	10.0	16.0	1.00 24.0	2.00
2-Fluorophenol (Surr)	DCBd 4	Ave	174277	7921 529264	872009	39226 997412	85184	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Phenol-d5 (Surr)	DCBd 4	Ave	217731	10163 663245	1079681	51362 1221776	106518	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene-d5 (Surr)	NPT	Ave	5022 214017	9284 636288	1030033	49304 1144898	103535	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Fluorobiphenyl	ANT	Ave	11431 393720	20558 1207763	1872201	99155 2039262	199761	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	1836 74421	3010 234986	8793 367173	19906 400745	37659	0.100 4.00	0.200 10.0	0.400 16.0	1.00 24.0	2.00
Terphenyl-d14 (Surr)	CRY	Ave	8958 316034	15635 1024242	1649736	82437 1701090	157680	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

Curve Type Legend
Ave = Average ISTD
Qua = Quadratic ISTD
Qua2 = Quadratic 1/conc^2 ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030095.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 26-Feb-2021 08:22:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-002
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:18:03 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 02-Mar-2021 07:17:33

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.816	1.816	0.000	93	203480	10.0	10.2	
	2 N-Nitrosodimethylamine	74	2.022	2.022	0.000	74	294451	10.0	10.2	
	3 Pyridine	79	2.057	2.057	0.000	76	889163	20.0	18.9	
$	4 2-Fluorophenol	112	3.134	3.134	0.000	90	529264	10.0	10.9	
	5 Benzaldehyde	77	3.922	3.922	0.000	92	84901	4.00	1.93	
$	6 Phenol-d5	99	4.016	4.016	0.000	99	663245	10.0	10.9	
	8 Aniline	93	4.028	4.028	0.000	89	782455	10.0	10.3	
	7 Phenol	94	4.028	4.028	0.000	87	679196	10.0	10.2	
	9 Bis(2-chloroethyl)ether	93	4.081	4.081	0.000	94	510056	10.0	9.89	
	10 Benzonitrile	103	4.098	4.098	0.000	99	949170	NC	NC	
	11 2-Chlorophenol	128	4.151	4.151	0.000	91	516102	10.0	10.2	
	12 n-Decane	43	4.187	4.187	0.000	94	765182	10.0	10.2	
	13 1,3-Dichlorobenzene	146	4.287	4.287	0.000	93	605881	10.0	10.2	
*	14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	307653	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.357	4.357	0.000	94	606045	10.0	10.1	
	16 Benzyl alcohol	108	4.481	4.481	0.000	89	304498	10.0	10.5	
	17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	94	572381	10.0	10.2	
	19 2,2'-oxybis[1-chloropropane]	45	4.598	4.598	0.000	91	973257	10.0	10.2	
	18 2-Methylphenol	108	4.604	4.604	0.000	83	444148	10.0	10.2	
	20 N-Methylaniline	106	4.716	4.716	0.000	90	786783	10.0	10.2	
	21 Acetophenone	105	4.722	4.722	0.000	88	714235	10.0	9.99	
	22 N-Nitrosodi-n-propylamine	70	4.728	4.728	0.000	94	388467	10.0	10.2	
	23 3 & 4 Methylphenol	108	4.751	4.751	0.000	83	472276	10.0	10.1	
	24 4-Methylphenol	108	4.751	4.751	0.000	92	472276	10.0	10.1	
	25 Hexachloroethane	117	4.828	4.828	0.000	90	235195	10.0	10.2	
$	27 Nitrobenzene-d5	82	4.869	4.869	0.000	93	636288	10.0	11.3	
	28 Nitrobenzene	123	4.887	4.887	0.000	88	244542	10.0	10.4	
	29 n,n'-Dimethylaniline	120	4.893	4.893	0.000	94	728381	10.0	9.82	
	30 Isophorone	82	5.116	5.116	0.000	98	948176	10.0	10.4	
	32 2-Nitrophenol	139	5.193	5.193	0.000	83	278165	10.0	10.3	
	33 2,4-Dimethylphenol	122	5.251	5.251	0.000	87	415014	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.322	5.322	0.000	95	587723	10.0	10.3	
35 Benzoic acid	122	5.357	5.357	0.000	92	198647	10.0	9.25	
36 2,4-Dichlorophenol	162	5.434	5.434	0.000	93	426617	10.0	10.2	
37 1,2,4-Trichlorobenzene	180	5.504	5.504	0.000	94	513006	10.0	10.3	
* 38 Naphthalene-d8	136	5.557	5.557	0.000	100	1049136	8.00	8.00	
39 Naphthalene	128	5.575	5.575	0.000	98	1408306	10.0	10.4	
40 4-Chloroaniline	127	5.634	5.634	0.000	95	540577	10.0	10.6	
130 2,6-Dichlorophenol	162	5.645	5.645	0.000	94	419695	10.0	10.3	
41 Hexachlorobutadiene	225	5.704	5.704	0.000	96	329709	10.0	10.3	
42 Caprolactam	113	5.957	5.957	0.000	87	39493	4.00	4.64	M
43 4-Chloro-3-methylphenol	107	6.122	6.122	0.000	97	397984	10.0	10.3	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	84	977607	10.0	10.4	
45 1-Methylnaphthalene	142	6.328	6.328	0.000	92	899738	10.0	10.3	
46 Hexachlorocyclopentadiene	237	6.392	6.392	0.000	97	405267	10.0	10.5	
47 1,2,4,5-Tetrachlorobenzene	216	6.398	6.398	0.000	97	513615	10.0	10.2	
48 2-tertbutyl-4-methylphenol	149	6.439	6.439	0.000	89	614382	10.0	10.3	
49 2,4,6-Trichlorophenol	196	6.516	6.516	0.000	90	317963	10.0	10.5	
50 2,4,5-Trichlorophenol	196	6.557	6.557	0.000	97	341843	10.0	10.4	
$ 51 2-Fluorobiphenyl	172	6.587	6.587	0.000	97	1207763	10.0	11.1	
52 1,1'-Biphenyl	154	6.681	6.681	0.000	96	1119087	10.0	10.3	
53 2-Chloronaphthalene	162	6.692	6.692	0.000	97	867644	10.0	10.2	
54 Phenyl ether	170	6.775	6.775	0.000	88	614521	10.0	10.4	
55 2-Nitroaniline	65	6.798	6.798	0.000	94	334327	10.0	10.2	
57 1,3-Dimethylnaphthalene	156	6.904	6.904	0.000	91	701350	10.0	10.5	
59 Dimethyl phthalate	163	6.975	6.975	0.000	97	943561	10.0	10.4	
60 Coumarin	146	6.987	6.987	0.000	75	265938	10.0	10.3	
61 2,6-Dinitrotoluene	165	7.028	7.028	0.000	93	215174	10.0	10.6	
62 Acenaphthylene	152	7.087	7.087	0.000	97	1267474	10.0	10.1	
63 3-Nitroaniline	138	7.192	7.192	0.000	91	188374	10.0	10.2	
* 64 Acenaphthene-d10	164	7.222	7.222	0.000	93	536416	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.251	7.251	0.000	97	892357	10.0	10.4	
66 Acenaphthene	154	7.251	7.251	0.000	96	805482	10.0	10.3	
67 2,4-Dinitrophenol	184	7.287	7.287	0.000	92	229999	20.0	19.4	
68 4-Nitrophenol	65	7.386	7.386	0.000	93	336636	20.0	20.6	
69 2,4-Dinitrotoluene	165	7.404	7.404	0.000	92	273681	10.0	10.7	
70 Dibenzofuran	168	7.416	7.416	0.000	99	1202886	10.0	10.3	
72 2,3,4,6-Tetrachlorophenol	232	7.545	7.545	0.000	95	271817	10.0	10.4	
73 Diethyl phthalate	149	7.639	7.639	0.000	98	908588	10.0	10.5	
75 Fluorene	166	7.739	7.739	0.000	93	947702	10.0	10.2	
74 4-Chlorophenyl phenyl ether	204	7.739	7.739	0.000	78	493322	10.0	10.3	
76 4-Nitroaniline	138	7.769	7.769	0.000	90	172443	10.0	10.1	
77 4,6-Dinitro-2-methylphenol	198	7.792	7.792	0.000	87	296543	20.0	20.7	
78 N-Nitrosodiphenylamine	169	7.857	7.857	0.000	98	648915	10.0	10.1	
79 1,2-Diphenylhydrazine	77	7.892	7.892	0.000	98	976736	10.0	10.3	
$ 80 2,4,6-Tribromophenol	330	7.975	7.975	0.000	93	234986	10.0	11.6	
81 4-Bromophenyl phenyl ether	248	8.204	8.204	0.000	92	306310	10.0	10.1	
82 Hexachlorobenzene	284	8.269	8.269	0.000	96	359792	10.0	10.0	
83 Atrazine	200	8.363	8.363	0.000	91	97780	4.00	4.64	
84 Pentachlorophenol	266	8.457	8.457	0.000	93	381552	20.0	20.8	
85 Pentachloronitrobenzene	237	8.469	8.469	0.000	89	143060	10.0	10.3	
86 n-Octadecane	57	8.533	8.533	0.000	93	800773	10.0	10.5	
* 87 Phenanthrene-d10	188	8.622	8.622	0.000	98	882533	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.645	8.645	0.000	97	1240191	10.0	10.0	
89 Anthracene	178	8.692	8.692	0.000	99	1271045	10.0	10.1	
90 Carbazole	167	8.851	8.851	0.000	96	1051479	10.0	10.0	
91 Di-n-butyl phthalate	149	9.186	9.186	0.000	100	1245630	10.0	10.5	
92 Fluoranthene	202	9.769	9.769	0.000	98	1224667	10.0	10.1	
93 Benzidine	184	9.904	9.904	0.000	99	417672	10.0	9.26	
94 Pyrene	202	9.986	9.986	0.000	98	1241471	10.0	9.87	
95 Bisphenol-A	213	10.051	10.051	0.000	98	433789	10.0	10.0	
$ 96 Terphenyl-d14	244	10.139	10.139	0.000	99	1024242	10.0	10.6	
97 Butyl benzyl phthalate	149	10.633	10.633	0.000	98	435968	10.0	9.71	
98 2,3,7,8-TCDD	320	10.733	10.733	0.000	89	1641	0.1000	0.1000	
99 Carbamazepine	193	10.745	10.745	0.000	91	374744	10.0	8.65	
100 3,3'-Dichlorobenzidine	252	11.204	11.204	0.000	99	375162	10.0	9.43	
101 Benzo[a]anthracene	228	11.222	11.222	0.000	98	1035616	10.0	9.57	
* 102 Chrysene-d12	240	11.233	11.233	0.000	99	626168	8.00	8.00	
104 Chrysene	228	11.263	11.263	0.000	99	1001523	10.0	9.66	
103 Bis(2-ethylhexyl) phthalate	149	11.280	11.280	0.000	89	573741	10.0	9.62	
105 Di-n-octyl phthalate	149	12.092	12.092	0.000	97	939859	10.0	10.8	
106 Benzo[b]fluoranthene	252	12.569	12.569	0.000	97	966249	10.0	11.5	
107 Benzo[k]fluoranthene	252	12.604	12.604	0.000	98	973988	10.0	11.0	
108 Benzo[a]pyrene	252	13.010	13.010	0.000	98	817106	10.0	11.2	
* 109 Perylene-d12	264	13.086	13.086	0.000	100	578864	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.610	14.610	0.000	97	962576	10.0	10.1	
111 Dibenz(a,h)anthracene	278	14.645	14.645	0.000	99	918603	10.0	9.85	
112 Benzo[g,h,i]perylene	276	15.021	15.021	0.000	97	930817	10.0	9.64	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL7_LVI_00002 Amount Added: 1.00 Units: mL

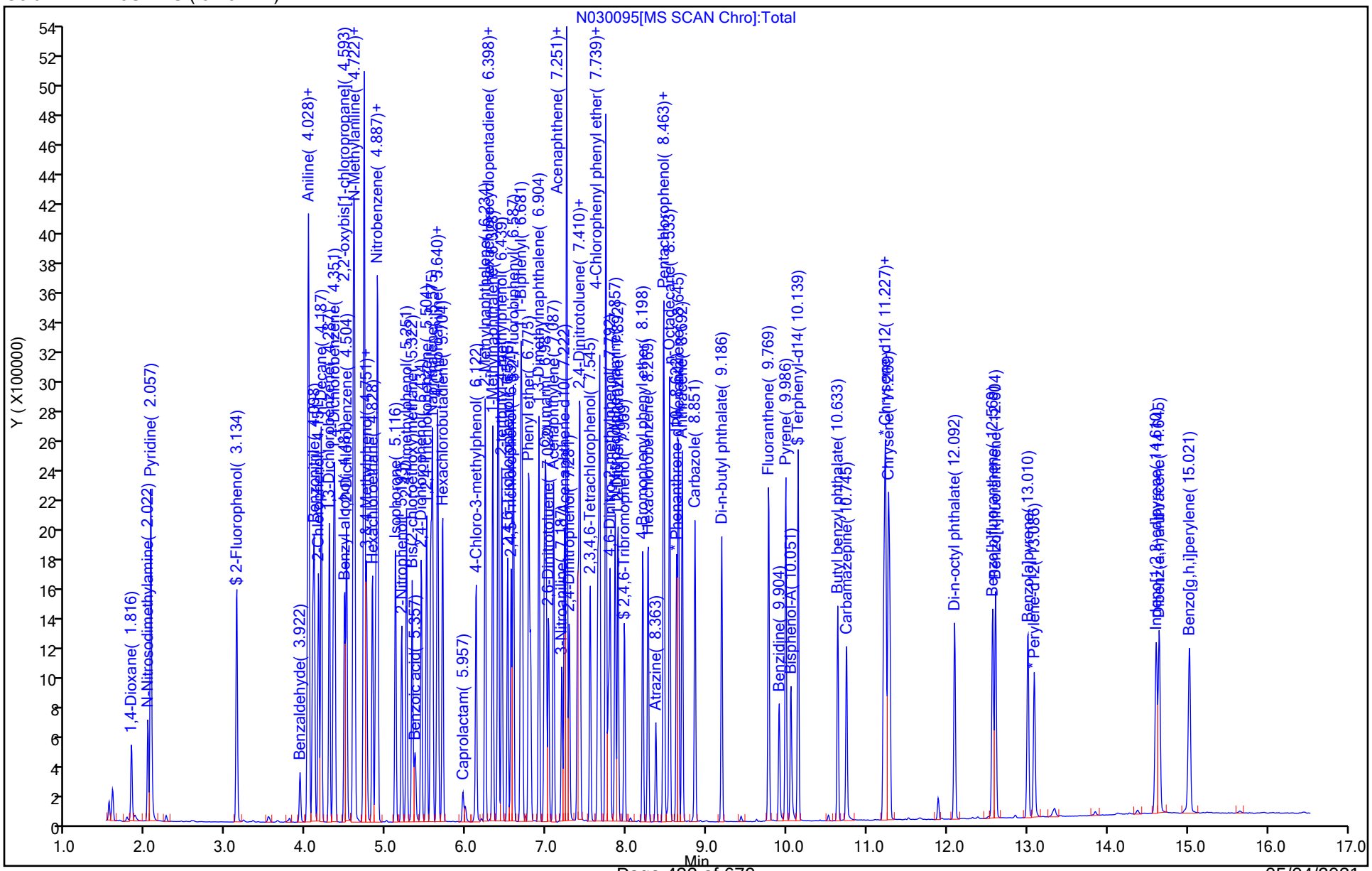
Report Date: 02-Mar-2021 07:18:07 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030095.d

Injection Date:	26-Feb-2021 08:22:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

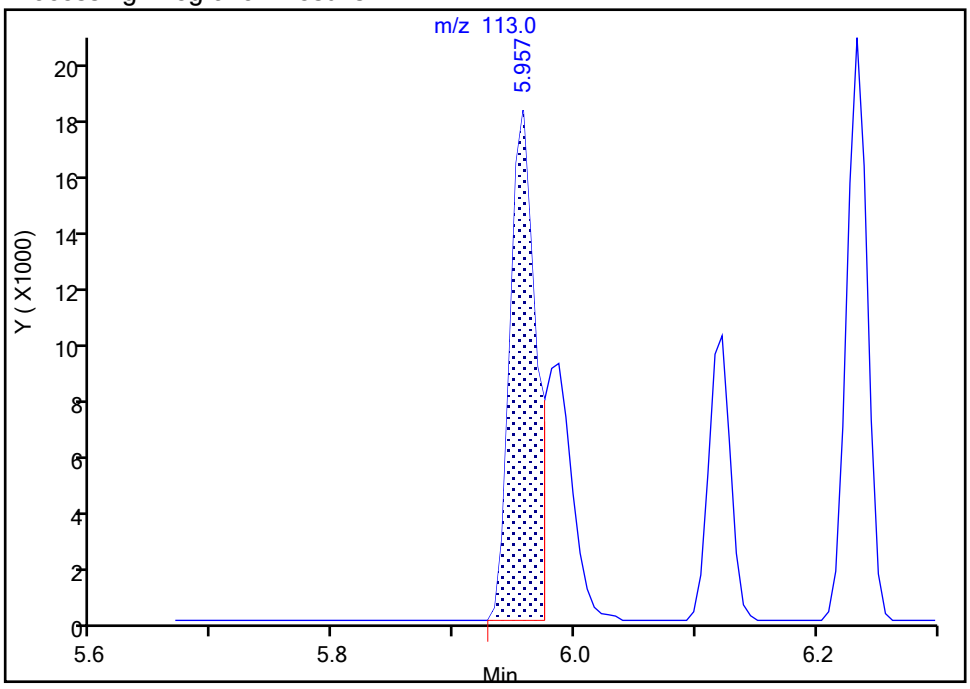
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030095.d
Injection Date: 26-Feb-2021 08:22:30 Instrument ID: CBNAMS14
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

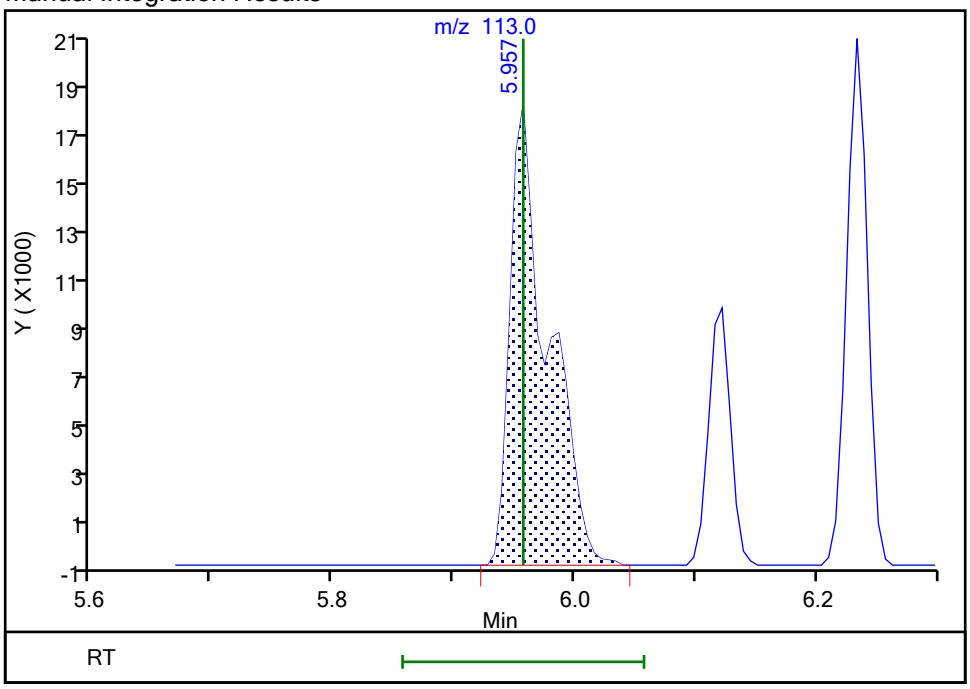
Processing Integration Results

RT: 5.96
Area: 27340
Amount: 4.000000
Amount Units: ug/ml



Manual Integration Results

RT: 5.96
Area: 39493
Amount: 4.644407
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 08:53:55
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030096.d
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 26-Feb-2021 08:43:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-003
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:18:13 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 09:05:22

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.805	1.816	-0.011	93	386182	24.0	22.6	
	2 N-Nitrosodimethylamine	74	2.016	2.022	-0.006	73	570454	24.0	23.1	
	3 Pyridine	79	2.046	2.057	-0.011	77	1883777	48.0	46.8	
$	4 2-Fluorophenol	112	3.134	3.134	0.000	89	997412	24.0	24.0	
	5 Benzaldehyde	77	3.922	3.922	0.000	92	140245	6.40	3.73	
$	6 Phenol-d5	99	4.022	4.016	0.006	99	1221776	24.0	23.4	
	8 Aniline	93	4.034	4.028	0.006	96	1342450	24.0	20.7	
	7 Phenol	94	4.040	4.028	0.012	94	1284691	24.0	22.6	
	9 Bis(2-chloroethyl)ether	93	4.087	4.081	0.006	91	1023129	24.0	23.2	
	10 Benzonitrile	103	4.104	4.098	0.006	99	1869742	NC	NC	
	11 2-Chlorophenol	128	4.157	4.151	0.006	91	970807	24.0	22.4	
	12 n-Decane	43	4.187	4.187	0.000	93	1472950	24.0	22.9	
	13 1,3-Dichlorobenzene	146	4.293	4.287	0.006	93	1154355	24.0	22.7	
*	14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	263486	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.357	4.357	0.000	93	1158342	24.0	22.6	
	16 Benzyl alcohol	108	4.487	4.481	0.006	89	563785	24.0	22.7	
	17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	94	1098470	24.0	22.8	
	19 2,2'-oxybis[1-chloropropane]	45	4.599	4.598	0.001	91	1758146	24.0	21.6	
	18 2-Methylphenol	108	4.610	4.604	0.006	86	850591	24.0	22.7	
	20 N-Methylaniline	106	4.722	4.716	0.006	96	1542349	24.0	23.3	
	21 Acetophenone	105	4.728	4.722	0.006	90	1321261	24.0	21.6	
	22 N-Nitrosodi-n-propylamine	70	4.734	4.728	0.006	94	710517	24.0	21.9	
	23 3 & 4 Methylphenol	108	4.757	4.751	0.006	76	883180	24.0	22.1	
	24 4-Methylphenol	108	4.757	4.751	0.006	95	883180	24.0	22.1	
	25 Hexachloroethane	117	4.828	4.828	0.000	90	460579	24.0	23.3	
$	27 Nitrobenzene-d5	82	4.875	4.869	0.006	94	1144898	24.0	24.7	
	28 Nitrobenzene	123	4.893	4.887	0.006	87	452331	24.0	22.5	
	29 n,n'-Dimethylaniline	120	4.899	4.893	0.006	94	1434511	24.0	22.6	
	30 Isophorone	82	5.122	5.116	0.006	98	1720117	24.0	23.0	
	32 2-Nitrophenol	139	5.193	5.193	0.000	83	515348	24.0	23.2	
	33 2,4-Dimethylphenol	122	5.257	5.251	0.006	87	758922	24.0	22.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.322	5.322	0.000	95	1053485	24.0	22.5	
35 Benzoic acid	122	5.393	5.357	0.036	92	456309	24.0	23.7	
36 2,4-Dichlorophenol	162	5.440	5.434	0.006	93	788227	24.0	22.9	
37 1,2,4-Trichlorobenzene	180	5.504	5.504	0.000	94	950736	24.0	23.2	
* 38 Naphthalene-d8	136	5.557	5.557	0.000	99	864121	8.00	8.00	
39 Naphthalene	128	5.575	5.575	0.000	98	2574094	24.0	23.1	
40 4-Chloroaniline	127	5.640	5.634	0.006	95	892506	24.0	21.3	
130 2,6-Dichlorophenol	162	5.646	5.645	0.001	95	764466	24.0	23.7	
41 Hexachlorobutadiene	225	5.704	5.704	0.000	96	617254	24.0	23.5	
42 Caprolactam	113	6.028	5.957	0.071	86	49049	6.40	7.00	M
43 4-Chloro-3-methylphenol	107	6.122	6.122	0.000	97	727542	24.0	22.8	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	84	1725017	24.0	22.3	
45 1-Methylnaphthalene	142	6.328	6.328	0.000	92	1611342	24.0	22.4	
46 Hexachlorocyclopentadiene	237	6.393	6.392	0.001	97	719614	24.0	24.6	
47 1,2,4,5-Tetrachlorobenzene	216	6.398	6.398	0.000	98	931163	24.0	24.3	
48 2-tertbutyl-4-methylphenol	149	6.445	6.439	0.006	89	1173197	24.0	23.9	
49 2,4,6-Trichlorophenol	196	6.516	6.516	0.000	90	565519	24.0	24.5	
50 2,4,5-Trichlorophenol	196	6.557	6.557	0.000	97	597713	24.0	23.9	
$ 51 2-Fluorobiphenyl	172	6.587	6.587	0.000	97	2039262	24.0	24.7	
52 1,1'-Biphenyl	154	6.681	6.681	0.000	97	1947367	24.0	23.5	
53 2-Chloronaphthalene	162	6.698	6.692	0.006	98	1508123	24.0	23.3	
54 Phenyl ether	170	6.781	6.775	0.006	87	1112823	24.0	24.8	
55 2-Nitroaniline	65	6.804	6.798	0.006	94	599632	24.0	24.0	
57 1,3-Dimethylnaphthalene	156	6.904	6.904	0.000	91	1241065	24.0	24.4	
59 Dimethyl phthalate	163	6.975	6.975	0.000	98	1662798	24.0	24.1	
60 Coumarin	146	6.993	6.987	0.005	75	490978	24.0	23.1	
61 2,6-Dinitrotoluene	165	7.028	7.028	0.000	92	370469	24.0	24.0	
62 Acenaphthylene	152	7.087	7.087	0.001	97	2229611	24.0	23.3	
63 3-Nitroaniline	138	7.192	7.192	0.000	91	321389	24.0	23.0	
* 64 Acenaphthene-d10	164	7.222	7.222	0.000	94	407611	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.251	7.251	0.000	98	1653106	24.0	25.2	
66 Acenaphthene	154	7.257	7.251	0.006	96	1371153	24.0	23.0	
67 2,4-Dinitrophenol	184	7.287	7.287	0.001	92	479600	48.0	47.9	
68 4-Nitrophenol	65	7.392	7.386	0.006	90	640836	48.0	51.5	
69 2,4-Dinitrotoluene	165	7.410	7.404	0.006	92	476202	24.0	24.6	
70 Dibenzofuran	168	7.416	7.416	0.000	98	2041399	24.0	22.9	
72 2,3,4,6-Tetrachlorophenol	232	7.545	7.545	0.000	95	485701	24.0	24.4	
73 Diethyl phthalate	149	7.645	7.639	0.006	98	1577307	24.0	24.0	
75 Fluorene	166	7.740	7.739	0.001	93	1623971	24.0	23.0	
74 4-Chlorophenyl phenyl ether	204	7.740	7.739	0.001	78	828096	24.0	22.7	
76 4-Nitroaniline	138	7.781	7.769	0.012	94	301831	24.0	23.3	
77 4,6-Dinitro-2-methylphenol	198	7.798	7.792	0.006	86	545687	48.0	51.9	
78 N-Nitrosodiphenylamine	169	7.857	7.857	0.000	98	1089540	24.0	23.1	
79 1,2-Diphenylhydrazine	77	7.892	7.892	0.000	98	1642286	24.0	23.5	
$ 80 2,4,6-Tribromophenol	330	7.975	7.975	0.000	93	400745	24.0	26.1	
81 4-Bromophenyl phenyl ether	248	8.204	8.204	0.000	92	526874	24.0	23.6	
82 Hexachlorobenzene	284	8.269	8.269	0.000	96	631324	24.0	24.0	
83 Atrazine	200	8.363	8.363	0.000	91	105358	6.40	6.82	
84 Pentachlorophenol	266	8.463	8.457	0.006	94	718583	48.0	53.5	
85 Pentachloronitrobenzene	237	8.469	8.469	0.000	89	256858	24.0	25.2	
86 n-Octadecane	57	8.534	8.533	0.001	93	1367798	24.0	24.5	
* 87 Phenanthrene-d10	188	8.622	8.622	0.000	98	647464	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.645	8.645	0.000	98	2072108	24.0	22.8	
89 Anthracene	178	8.692	8.692	0.000	99	2139477	24.0	23.2	
90 Carbazole	167	8.851	8.851	0.000	96	1796461	24.0	23.4	
91 Di-n-butyl phthalate	149	9.186	9.186	0.000	100	2242190	24.0	25.7	
92 Fluoranthene	202	9.769	9.769	0.000	98	2148343	24.0	24.1	
93 Benzidine	184	9.904	9.904	0.000	99	808210	24.0	24.4	
94 Pyrene	202	9.986	9.986	0.000	98	2167390	24.0	22.4	
95 Bisphenol-A	213	10.051	10.051	0.000	98	876559	24.0	26.4	
$ 96 Terphenyl-d14	244	10.139	10.139	0.000	100	1701090	24.0	23.0	
97 Butyl benzyl phthalate	149	10.633	10.633	0.000	99	866642	24.0	25.1	
99 Carbamazepine	193	10.745	10.745	0.000	91	930376	24.0	27.9	
100 3,3'-Dichlorobenzidine	252	11.204	11.204	0.000	99	797941	24.0	26.1	
101 Benzo[a]anthracene	228	11.222	11.222	0.000	98	1944887	24.0	23.4	
* 102 Chrysene-d12	240	11.233	11.233	0.000	98	481899	8.00	8.00	
104 Chrysene	228	11.263	11.263	0.000	99	1846412	24.0	23.2	
103 Bis(2-ethylhexyl) phthalate	149	11.280	11.280	0.000	89	1250488	24.0	27.3	
105 Di-n-octyl phthalate	149	12.092	12.092	0.000	97	2094536	24.0	23.8	
106 Benzo[b]fluoranthene	252	12.569	12.569	0.001	97	1996596	24.0	23.5	
107 Benzo[k]fluoranthene	252	12.610	12.604	0.006	98	2139569	24.0	23.8	
108 Benzo[a]pyrene	252	13.010	13.010	0.000	98	1798376	24.0	24.3	
* 109 Perylene-d12	264	13.086	13.086	0.000	100	585871	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.621	14.610	0.011	97	2464586	24.0	25.5	
111 Dibenz(a,h)anthracene	278	14.657	14.645	0.012	99	2272549	24.0	24.1	
112 Benzo[g,h,i]perylene	276	15.039	15.021	0.018	97	2443645	24.0	25.0	
S 119 Total Cresols	1				0			44.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL9_LVI_00001 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:18:17 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030096.d

Injection Date: 26-Feb-2021 08:43:30 Instrument ID: CBNAMS14 Operator ID:

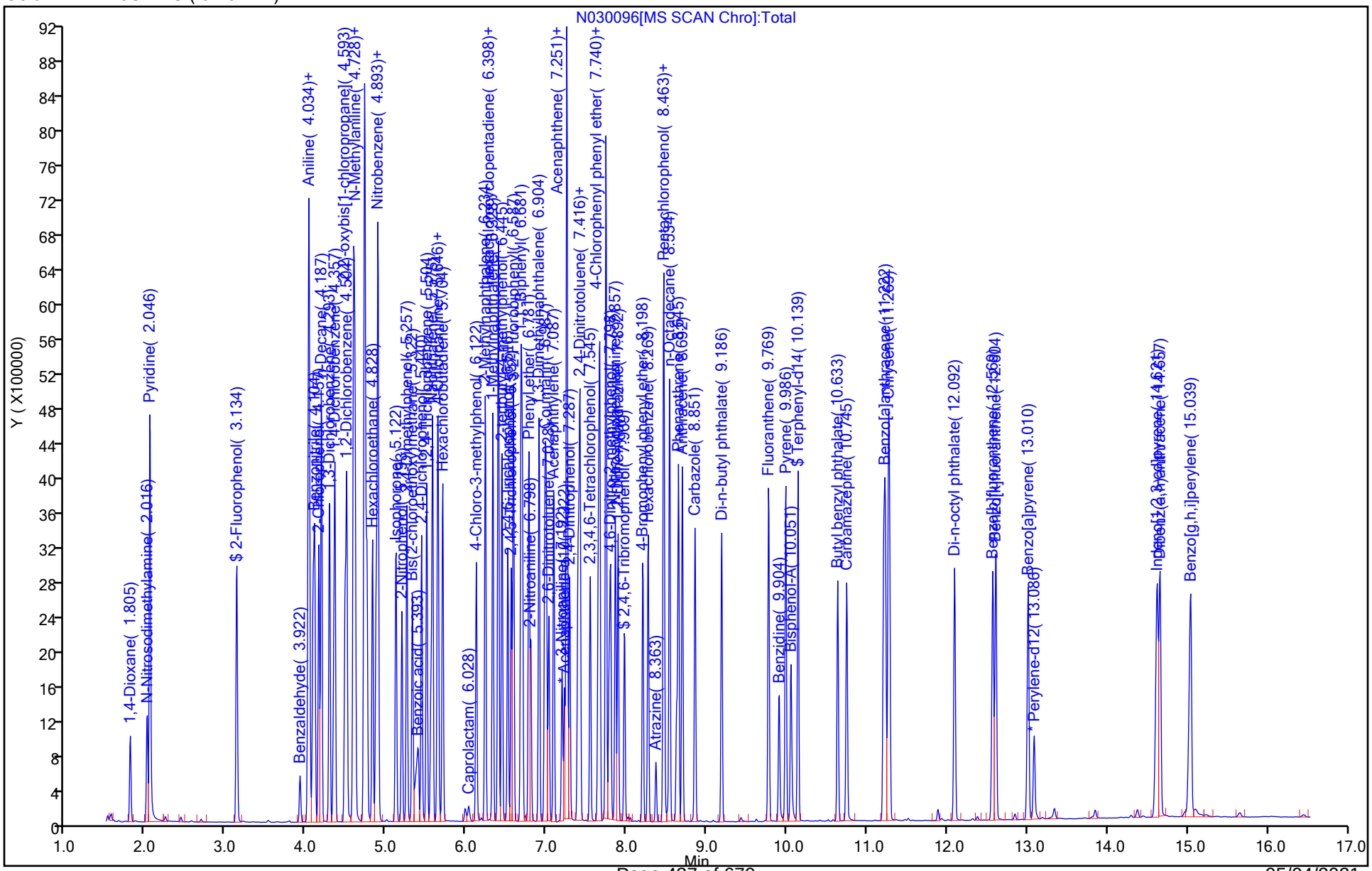
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

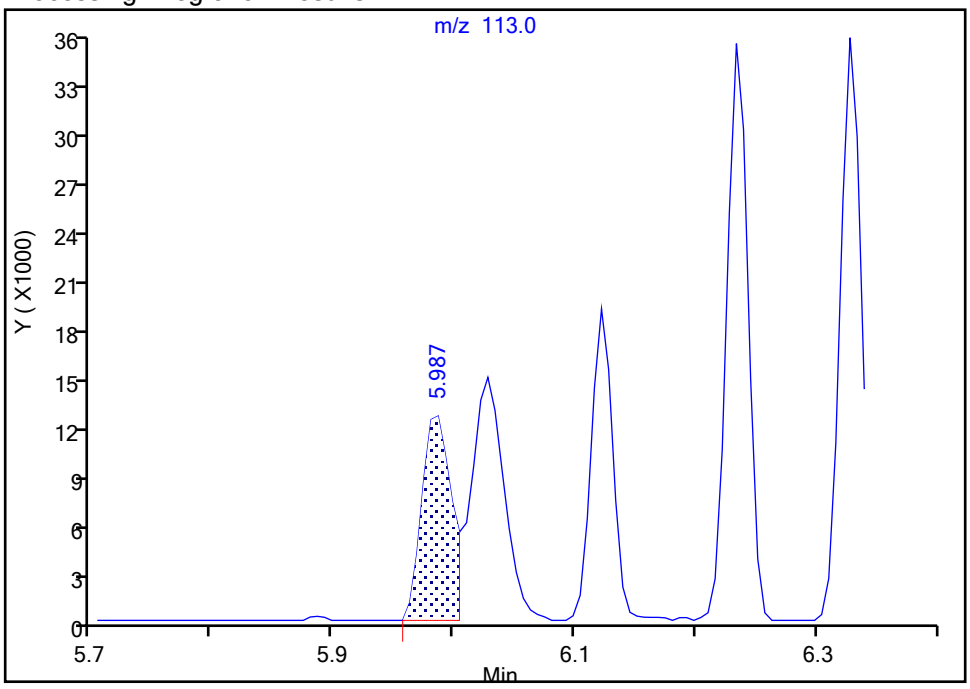
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030096.d
Injection Date: 26-Feb-2021 08:43:30 Instrument ID: CBNAMS14
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

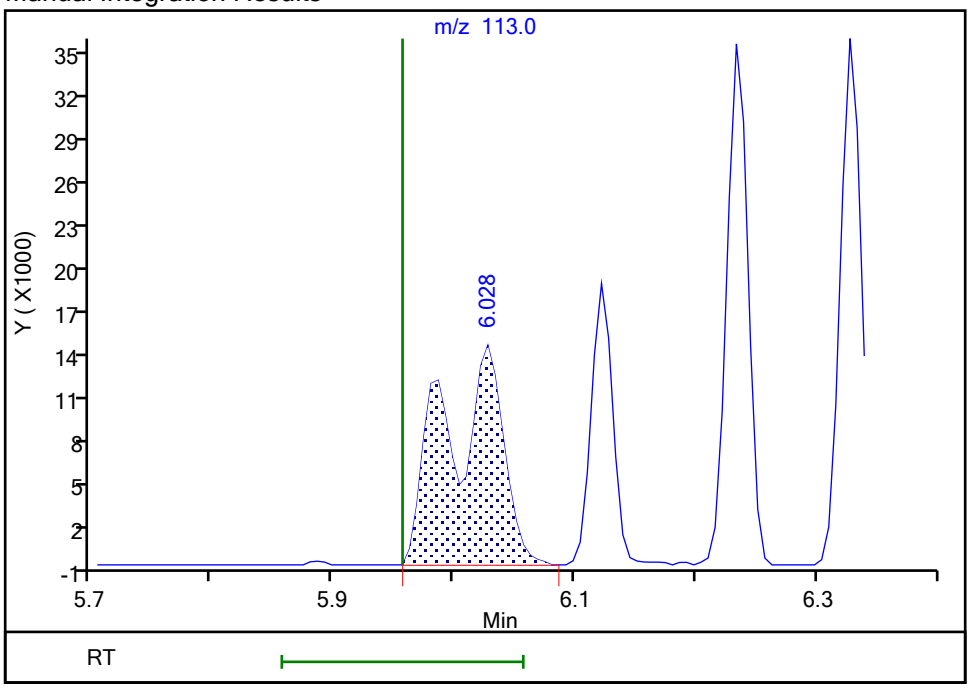
Processing Integration Results

RT: 5.99
Area: 21716
Amount: 3.768429
Amount Units: ug/ml



Manual Integration Results

RT: 6.03
Area: 49049
Amount: 7.003216
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 09:04:43
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030097.d
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 26-Feb-2021 09:04:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-004
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:18:22 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 09:39:19

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.804	1.816	-0.012	93	338890	16.0	15.2	
	2 N-Nitrosodimethylamine	74	2.016	2.022	-0.006	74	509275	16.0	15.8	
	3 Pyridine	79	2.051	2.057	-0.006	77	1714195	32.0	32.6	
$	4 2-Fluorophenol	112	3.128	3.134	-0.006	89	872009	16.0	16.1	
	5 Benzaldehyde	77	3.922	3.922	0.000	92	165228	4.80	3.37	
$	6 Phenol-d5	99	4.022	4.016	0.006	99	1079681	16.0	15.8	
	8 Aniline	93	4.034	4.028	0.006	85	1298139	16.0	15.4	
	7 Phenol	94	4.034	4.028	0.006	85	1140373	16.0	15.4	
	9 Bis(2-chloroethyl)ether	93	4.081	4.081	0.000	92	880680	16.0	15.3	
	10 Benzonitrile	103	4.104	4.098	0.006	99	1639805	NC	NC	
	11 2-Chlorophenol	128	4.157	4.151	0.006	91	875939	16.0	15.5	
	12 n-Decane	43	4.187	4.187	0.000	93	1292043	16.0	15.4	
	13 1,3-Dichlorobenzene	146	4.293	4.287	0.006	92	1017184	16.0	15.3	
*	14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	343717	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.357	4.357	0.000	91	1034298	16.0	15.4	
	16 Benzyl alcohol	108	4.481	4.481	0.000	89	501437	16.0	15.4	
	17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	93	962243	16.0	15.3	
	19 2,2'-oxybis[1-chloropropane]	45	4.598	4.598	0.000	91	1608799	16.0	15.2	
	18 2-Methylphenol	108	4.604	4.604	0.000	86	757812	16.0	15.5	
	20 N-Methylaniline	106	4.722	4.716	0.006	93	1377178	16.0	15.9	
	21 Acetophenone	105	4.728	4.722	0.006	91	1205411	16.0	15.1	
	22 N-Nitrosodi-n-propylamine	70	4.734	4.728	0.006	94	658344	16.0	15.5	
	23 3 & 4 Methylphenol	108	4.751	4.751	0.000	77	812570	16.0	15.6	
	24 4-Methylphenol	108	4.751	4.751	0.000	94	812570	16.0	15.6	
	25 Hexachloroethane	117	4.828	4.828	0.000	90	409644	16.0	15.9	
$	27 Nitrobenzene-d5	82	4.869	4.869	0.000	94	1030033	16.0	16.6	
	28 Nitrobenzene	123	4.892	4.887	0.005	87	415681	16.0	15.9	
	29 n,n'-Dimethylaniline	120	4.892	4.893	-0.001	94	1268610	16.0	15.3	
	30 Isophorone	82	5.116	5.116	0.000	98	1578213	16.0	15.7	
	32 2-Nitrophenol	139	5.192	5.193	-0.001	83	469782	16.0	15.8	
	33 2,4-Dimethylphenol	122	5.251	5.251	0.000	87	698509	16.0	15.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.322	5.322	0.000	95	984588	16.0	15.7	
35 Benzoic acid	122	5.387	5.357	0.030	92	424113	16.0	16.9	
36 2,4-Dichlorophenol	162	5.440	5.434	0.006	93	723568	16.0	15.7	
37 1,2,4-Trichlorobenzene	180	5.504	5.504	0.000	94	872230	16.0	15.9	
* 38 Naphthalene-d8	136	5.557	5.557	0.000	99	1156610	8.00	8.00	
39 Naphthalene	128	5.575	5.575	0.000	98	2357134	16.0	15.8	
40 4-Chloroaniline	127	5.634	5.634	0.000	95	889888	16.0	15.8	
130 2,6-Dichlorophenol	162	5.645	5.645	0.000	95	710718	16.0	16.1	
41 Hexachlorobutadiene	225	5.704	5.704	0.000	96	558657	16.0	15.9	
42 Caprolactam	113	5.975	5.957	0.018	86	52564	4.80	5.61	M
43 4-Chloro-3-methylphenol	107	6.122	6.122	0.000	96	654552	16.0	15.3	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	84	1612612	16.0	15.6	
45 1-Methylnaphthalene	142	6.328	6.328	0.000	92	1496410	16.0	15.5	
46 Hexachlorocyclopentadiene	237	6.392	6.392	0.000	97	679492	16.0	16.4	
47 1,2,4,5-Tetrachlorobenzene	216	6.398	6.398	0.000	97	859457	16.0	15.9	
48 2-tertbutyl-4-methylphenol	149	6.439	6.439	0.000	89	1049416	16.0	16.0	
49 2,4,6-Trichlorophenol	196	6.516	6.516	0.000	90	545480	16.0	16.7	
50 2,4,5-Trichlorophenol	196	6.557	6.557	0.000	96	552779	16.0	15.7	
$ 51 2-Fluorobiphenyl	172	6.586	6.587	-0.001	97	1872201	16.0	16.0	
52 1,1'-Biphenyl	154	6.681	6.681	0.000	97	1830962	16.0	15.7	
53 2-Chloronaphthalene	162	6.698	6.692	0.006	99	1417632	16.0	15.5	
54 Phenyl ether	170	6.781	6.775	0.006	86	1011742	16.0	16.0	
55 2-Nitroaniline	65	6.798	6.798	0.000	93	556161	16.0	15.8	
57 1,3-Dimethylnaphthalene	156	6.904	6.904	0.000	90	1133665	16.0	15.8	
59 Dimethyl phthalate	163	6.975	6.975	0.000	98	1517983	16.0	15.6	
60 Coumarin	146	6.992	6.987	0.005	75	444891	16.0	15.7	
61 2,6-Dinitrotoluene	165	7.028	7.028	0.000	92	347703	16.0	16.0	
62 Acenaphthylene	152	7.086	7.087	0.000	97	2127817	16.0	15.7	
63 3-Nitroaniline	138	7.192	7.192	0.000	91	317274	16.0	16.1	
* 64 Acenaphthene-d10	164	7.222	7.222	0.000	94	575308	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.251	7.251	0.000	97	1532643	16.0	16.6	
66 Acenaphthene	154	7.251	7.251	0.000	96	1304428	16.0	15.5	
67 2,4-Dinitrophenol	184	7.286	7.287	0.000	93	438095	32.0	32.6	
68 4-Nitrophenol	65	7.386	7.386	0.000	91	605192	32.0	34.5	
69 2,4-Dinitrotoluene	165	7.404	7.404	0.000	92	441716	16.0	16.2	
70 Dibenzofuran	168	7.416	7.416	0.000	98	1923757	16.0	15.3	
72 2,3,4,6-Tetrachlorophenol	232	7.545	7.545	0.000	95	450286	16.0	16.0	
73 Diethyl phthalate	149	7.645	7.639	0.006	98	1474497	16.0	15.9	
75 Fluorene	166	7.739	7.739	0.000	92	1528873	16.0	15.3	
74 4-Chlorophenyl phenyl ether	204	7.739	7.739	0.000	78	789126	16.0	15.4	
76 4-Nitroaniline	138	7.775	7.769	0.006	93	296909	16.0	16.2	
77 4,6-Dinitro-2-methylphenol	198	7.798	7.792	0.006	88	507660	32.0	34.9	
78 N-Nitrosodiphenylamine	169	7.857	7.857	0.000	98	1042489	16.0	16.0	
79 1,2-Diphenylhydrazine	77	7.892	7.892	0.000	98	1536481	16.0	15.9	
$ 80 2,4,6-Tribromophenol	330	7.975	7.975	0.000	93	367173	16.0	17.0	
81 4-Bromophenyl phenyl ether	248	8.204	8.204	0.000	92	494150	16.0	16.0	
82 Hexachlorobenzene	284	8.269	8.269	0.000	96	599692	16.0	16.5	
83 Atrazine	200	8.363	8.363	0.000	91	114544	4.80	5.36	
84 Pentachlorophenol	266	8.457	8.457	0.000	94	659939	32.0	35.5	
85 Pentachloronitrobenzene	237	8.463	8.469	-0.006	88	234555	16.0	16.6	
86 n-Octadecane	57	8.533	8.533	0.000	93	1281258	16.0	16.6	
* 87 Phenanthrene-d10	188	8.622	8.622	0.000	98	896090	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.645	8.645	0.000	97	1972686	16.0	15.7	
89 Anthracene	178	8.692	8.692	0.000	99	2034687	16.0	16.0	
90 Carbazole	167	8.851	8.851	0.000	96	1715660	16.0	16.1	
91 Di-n-butyl phthalate	149	9.186	9.186	0.000	100	2127334	16.0	17.6	
92 Fluoranthene	202	9.769	9.769	0.000	98	2044793	16.0	16.6	
93 Benzidine	184	9.904	9.904	0.000	99	859867	16.0	18.8	
94 Pyrene	202	9.986	9.986	0.000	98	2051477	16.0	14.8	
95 Bisphenol-A	213	10.051	10.051	0.000	98	852464	16.0	18.0	
$ 96 Terphenyl-d14	244	10.139	10.139	0.000	100	1649736	16.0	15.6	
97 Butyl benzyl phthalate	149	10.633	10.633	0.000	98	836563	16.0	17.0	
99 Carbamazepine	193	10.745	10.745	0.000	91	842264	16.0	17.7	
100 3,3'-Dichlorobenzidine	252	11.204	11.204	0.000	99	748511	16.0	17.1	
101 Benzo[a]anthracene	228	11.221	11.222	-0.001	98	1858617	16.0	15.6	
* 102 Chrysene-d12	240	11.233	11.233	0.000	99	688356	8.00	8.00	
104 Chrysene	228	11.269	11.263	0.006	99	1807650	16.0	15.9	
103 Bis(2-ethylhexyl) phthalate	149	11.280	11.280	0.000	89	1178864	16.0	18.0	
105 Di-n-octyl phthalate	149	12.092	12.092	0.000	97	2013522	16.0	16.2	
106 Benzo[b]fluoranthene	252	12.568	12.569	0.000	97	1942088	16.0	16.2	
107 Benzo[k]fluoranthene	252	12.604	12.604	0.000	98	2014900	16.0	16.0	
108 Benzo[a]pyrene	252	13.010	13.010	0.000	98	1709624	16.0	16.4	
* 109 Perylene-d12	264	13.086	13.086	0.000	100	824714	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.615	14.610	0.005	97	2309503	16.0	16.9	
111 Dibenz(a,h)anthracene	278	14.651	14.645	0.006	99	2191224	16.0	16.5	
112 Benzo[g,h,i]perylene	276	15.033	15.021	0.012	97	2231393	16.0	16.2	
S 119 Total Cresols	1				0			31.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL8_LVI_00002 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:18:26 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030097.d

Injection Date: 26-Feb-2021 09:04:30 Instrument ID: CBNAMS14 Operator ID:

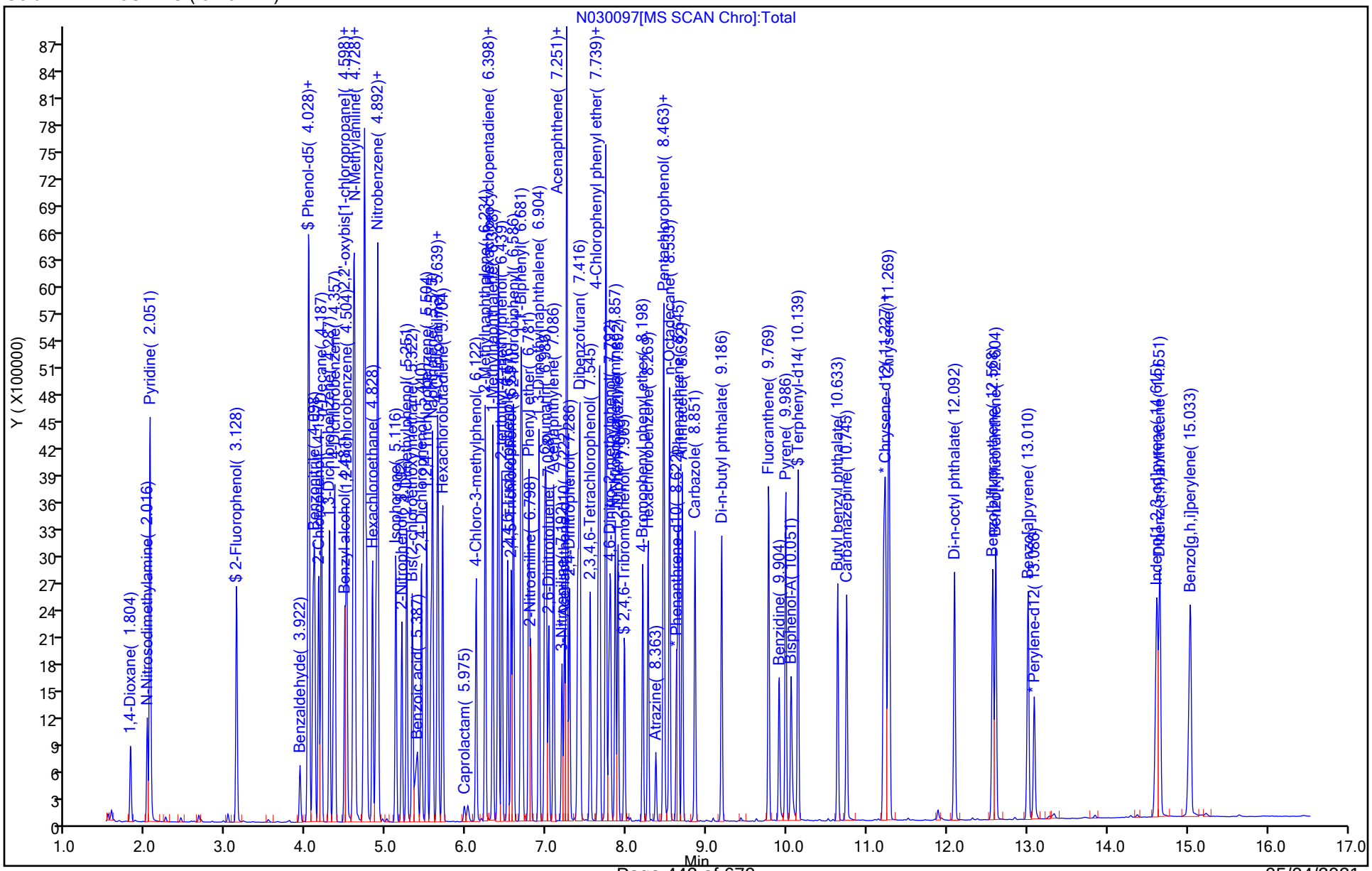
Lims ID: STD16 Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

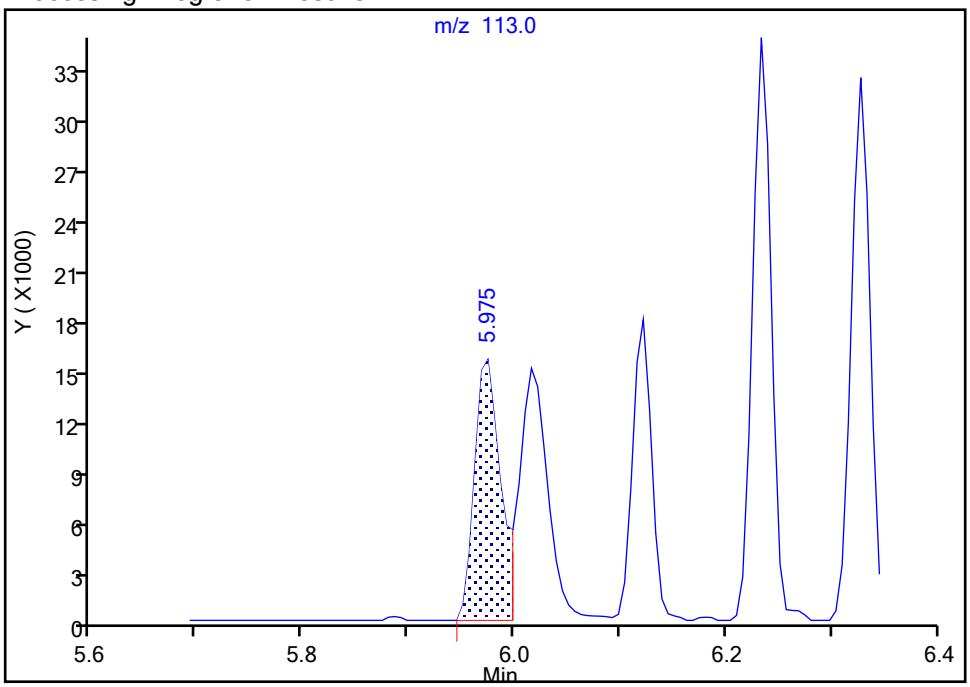
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030097.d
Injection Date: 26-Feb-2021 09:04:30 Instrument ID: CBNAMS14
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

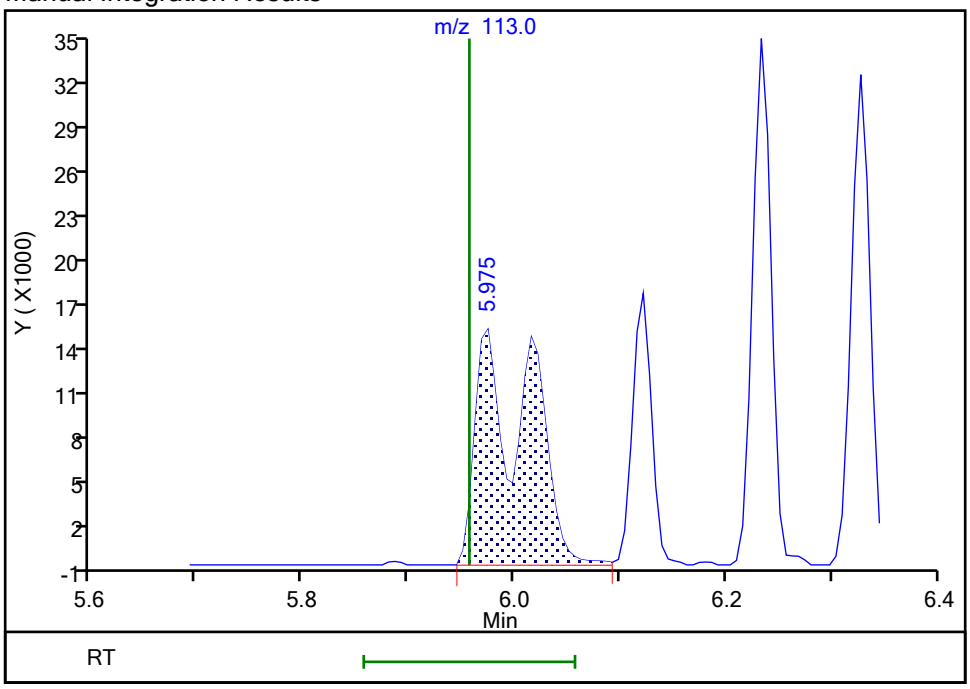
Processing Integration Results

RT: 5.97
Area: 26517
Amount: 2.983120
Amount Units: ug/ml



Manual Integration Results

RT: 5.97
Area: 52564
Amount: 5.607166
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 09:38:43
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030098.d
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 26-Feb-2021 09:25:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-005
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:18:31 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 09:51:06

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.816	1.816	0.000	93	73598	4.00	3.97	
	2 N-Nitrosodimethylamine	74	2.022	2.022	0.000	74	106256	4.00	3.96	
	3 Pyridine	79	2.058	2.058	0.000	77	369631	8.00	8.46	
$	4 2-Fluorophenol	112	3.134	3.134	0.000	92	174277	4.00	3.86	
	5 Benzaldehyde	77	3.922	3.922	0.000	92	130930	3.20	3.21	
$	6 Phenol-d5	99	4.010	4.010	0.000	99	217731	4.00	3.84	
	8 Aniline	93	4.028	4.028	0.000	88	286003	4.00	4.07	
	7 Phenol	94	4.028	4.028	0.000	78	246980	4.00	4.01	
	9 Bis(2-chloroethyl)ether	93	4.075	4.075	0.000	96	189160	4.00	3.95	
	10 Benzonitrile	103	4.093	4.093	0.000	99	349429	NC	NC	
	11 2-Chlorophenol	128	4.151	4.151	0.000	91	188070	4.00	3.99	
	12 n-Decane	43	4.187	4.187	0.000	93	277767	4.00	3.97	
	13 1,3-Dichlorobenzene	146	4.287	4.287	0.000	93	219375	4.00	3.97	
*	14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	285875	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.351	4.351	0.000	93	220488	4.00	3.96	
	16 Benzyl alcohol	108	4.475	4.475	0.000	89	109703	4.00	4.06	
	17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	93	205348	4.00	3.92	
	19 2,2'-oxybis[1-chloropropane]	45	4.599	4.599	0.000	86	355793	4.00	4.03	
	18 2-Methylphenol	108	4.599	4.599	0.000	86	161922	4.00	3.99	
	20 N-Methylaniline	106	4.716	4.716	0.000	94	293353	4.00	4.08	
	21 Acetophenone	105	4.722	4.722	0.000	88	269645	4.00	4.06	
	22 N-Nitrosodi-n-propylamine	70	4.722	4.722	0.000	93	144497	4.00	4.10	
	23 3 & 4 Methylphenol	108	4.746	4.746	0.000	70	176373	4.00	4.07	
	24 4-Methylphenol	108	4.746	4.746	0.000	95	176373	4.00	4.07	
	25 Hexachloroethane	117	4.822	4.822	0.000	89	86203	4.00	4.02	
$	27 Nitrobenzene-d5	82	4.863	4.863	0.000	92	214017	4.00	3.97	
	28 Nitrobenzene	123	4.881	4.881	0.000	87	90884	4.00	4.17	
	29 n,n'-Dimethylaniline	120	4.887	4.887	0.000	98	268681	4.00	3.90	
	30 Isophorone	82	5.110	5.110	0.000	98	351341	4.00	4.03	
	32 2-Nitrophenol	139	5.187	5.187	0.000	84	103502	4.00	4.01	
	33 2,4-Dimethylphenol	122	5.246	5.246	0.000	87	155856	4.00	4.03	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.316	5.316	0.000	95	215170	4.00	3.95	
35 Benzoic acid	122	5.328	5.328	0.000	92	65512	4.00	3.88	
36 2,4-Dichlorophenol	162	5.434	5.434	0.000	93	162891	4.00	4.06	
37 1,2,4-Trichlorobenzene	180	5.498	5.498	0.000	94	189748	4.00	3.99	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	1004933	8.00	8.00	
39 Naphthalene	128	5.569	5.569	0.000	98	524060	4.00	4.04	
40 4-Chloroaniline	127	5.628	5.628	0.000	95	204068	4.00	4.18	
130 2,6-Dichlorophenol	162	5.640	5.640	0.000	95	157614	4.00	3.92	
41 Hexachlorobutadiene	225	5.698	5.698	0.000	95	119783	4.00	3.92	
42 Caprolactam	113	5.940	5.940	0.000	86	28780	3.20	3.53	
43 4-Chloro-3-methylphenol	107	6.116	6.116	0.000	97	148959	4.00	4.01	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	83	355059	4.00	3.94	
45 1-Methylnaphthalene	142	6.322	6.322	0.000	94	336300	4.00	4.01	
46 Hexachlorocyclopentadiene	237	6.393	6.393	0.000	98	143946	4.00	3.86	
47 1,2,4,5-Tetrachlorobenzene	216	6.393	6.393	0.000	97	191835	4.00	3.93	
48 2-tertbutyl-4-methylphenol	149	6.440	6.440	0.000	90	230555	4.00	4.04	
49 2,4,6-Trichlorophenol	196	6.510	6.510	0.000	89	117455	4.00	3.99	
50 2,4,5-Trichlorophenol	196	6.557	6.557	0.000	97	126030	4.00	3.96	
$ 51 2-Fluorobiphenyl	172	6.581	6.581	0.000	97	393720	4.00	3.74	
52 1,1'-Biphenyl	154	6.675	6.675	0.000	97	412921	4.00	3.92	
53 2-Chloronaphthalene	162	6.692	6.692	0.000	97	323167	4.00	3.93	
54 Phenyl ether	170	6.775	6.775	0.000	89	221664	4.00	3.87	
55 2-Nitroaniline	65	6.792	6.792	0.000	94	127057	4.00	4.00	
57 1,3-Dimethylnaphthalene	156	6.898	6.898	0.000	90	249251	4.00	3.86	
59 Dimethyl phthalate	163	6.969	6.969	0.000	98	335733	4.00	3.83	
60 Coumarin	146	6.981	6.981	0.000	75	97538	4.00	3.95	
61 2,6-Dinitrotoluene	165	7.022	7.022	0.000	94	80780	4.00	4.12	
62 Acenaphthylene	152	7.081	7.081	0.000	97	481113	4.00	3.94	
63 3-Nitroaniline	138	7.187	7.187	0.000	91	69905	4.00	3.93	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	94	518951	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.245	7.245	0.000	97	311168	4.00	3.73	
66 Acenaphthene	154	7.251	7.251	0.000	96	303323	4.00	3.99	
67 2,4-Dinitrophenol	184	7.281	7.281	0.000	94	82793	8.00	7.97	
68 4-Nitrophenol	65	7.381	7.381	0.000	92	122954	8.00	7.76	
69 2,4-Dinitrotoluene	165	7.398	7.398	0.000	93	99603	4.00	4.04	
70 Dibenzofuran	168	7.410	7.410	0.000	98	438774	4.00	3.87	
72 2,3,4,6-Tetrachlorophenol	232	7.540	7.540	0.000	94	97349	4.00	3.84	
73 Diethyl phthalate	149	7.634	7.634	0.000	98	324641	4.00	3.88	
75 Fluorene	166	7.734	7.734	0.000	95	346551	4.00	3.85	
74 4-Chlorophenyl phenyl ether	204	7.734	7.734	0.000	86	179971	4.00	3.88	
76 4-Nitroaniline	138	7.763	7.763	0.000	92	66055	4.00	4.01	
77 4,6-Dinitro-2-methylphenol	198	7.787	7.787	0.000	83	105239	8.00	8.09	
78 N-Nitrosodiphenylamine	169	7.851	7.851	0.000	98	235343	4.00	4.03	
79 1,2-Diphenylhydrazine	77	7.887	7.887	0.000	98	351255	4.00	4.06	
$ 80 2,4,6-Tribromophenol	330	7.969	7.969	0.000	93	74421	4.00	3.81	
81 4-Bromophenyl phenyl ether	248	8.198	8.198	0.000	90	110445	4.00	3.99	
82 Hexachlorobenzene	284	8.263	8.263	0.000	96	132766	4.00	4.07	
83 Atrazine	200	8.357	8.357	0.000	93	64527	3.20	3.37	
84 Pentachlorophenol	266	8.451	8.451	0.000	94	132484	8.00	7.96	
85 Pentachloronitrobenzene	237	8.463	8.463	0.000	89	49685	4.00	3.94	
86 n-Octadecane	57	8.534	8.534	0.000	93	272347	4.00	3.94	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	801720	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.639	8.639	0.000	98	443171	4.00	3.94	
89 Anthracene	178	8.686	8.686	0.000	98	455868	4.00	4.00	
90 Carbazole	167	8.845	8.845	0.000	96	380660	4.00	4.00	
91 Di-n-butyl phthalate	149	9.181	9.181	0.000	99	423314	4.00	3.91	
92 Fluoranthene	202	9.769	9.769	0.000	98	430984	4.00	3.90	
93 Benzidine	184	9.898	9.898	0.000	99	154548	4.00	3.77	
94 Pyrene	202	9.981	9.981	0.000	97	432213	4.00	3.97	
95 Bisphenol-A	213	10.051	10.051	0.000	98	147943	4.00	3.95	
$ 96 Terphenyl-d14	244	10.133	10.133	0.000	99	316034	4.00	3.79	
97 Butyl benzyl phthalate	149	10.628	10.628	0.000	98	157120	4.00	4.04	
99 Carbamazepine	193	10.739	10.739	0.000	91	146662	4.00	3.91	
100 3,3'-Dichlorobenzidine	252	11.198	11.198	0.000	99	139983	4.00	4.06	
101 Benzo[a]anthracene	228	11.216	11.216	0.000	98	369664	4.00	3.94	
* 102 Chrysene-d12	240	11.227	11.227	0.000	99	542407	8.00	8.00	
104 Chrysene	228	11.257	11.257	0.000	98	350772	4.00	3.91	
103 Bis(2-ethylhexyl) phthalate	149	11.280	11.280	0.000	88	220766	4.00	4.28	
105 Di-n-octyl phthalate	149	12.086	12.086	0.000	97	366176	4.00	4.03	
106 Benzo[b]fluoranthene	252	12.557	12.557	0.000	97	352860	4.00	4.03	
107 Benzo[k]fluoranthene	252	12.592	12.592	0.000	99	387771	4.00	4.19	
108 Benzo[a]pyrene	252	12.998	12.998	0.000	98	314404	4.00	4.12	
* 109 Perylene-d12	264	13.080	13.080	0.000	100	604136	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.598	14.598	0.000	97	397148	4.00	3.98	
111 Dibenz(a,h)anthracene	278	14.639	14.639	0.000	99	386986	4.00	3.98	
112 Benzo[g,h,i]perylene	276	15.010	15.010	0.000	97	391462	4.00	3.88	
S 119 Total Cresols	1				0			8.06	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL6_LVI_00003 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:18:36 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030098.d

Injection Date: 26-Feb-2021 09:25:30 Instrument ID: CBNAMS14 Operator ID:

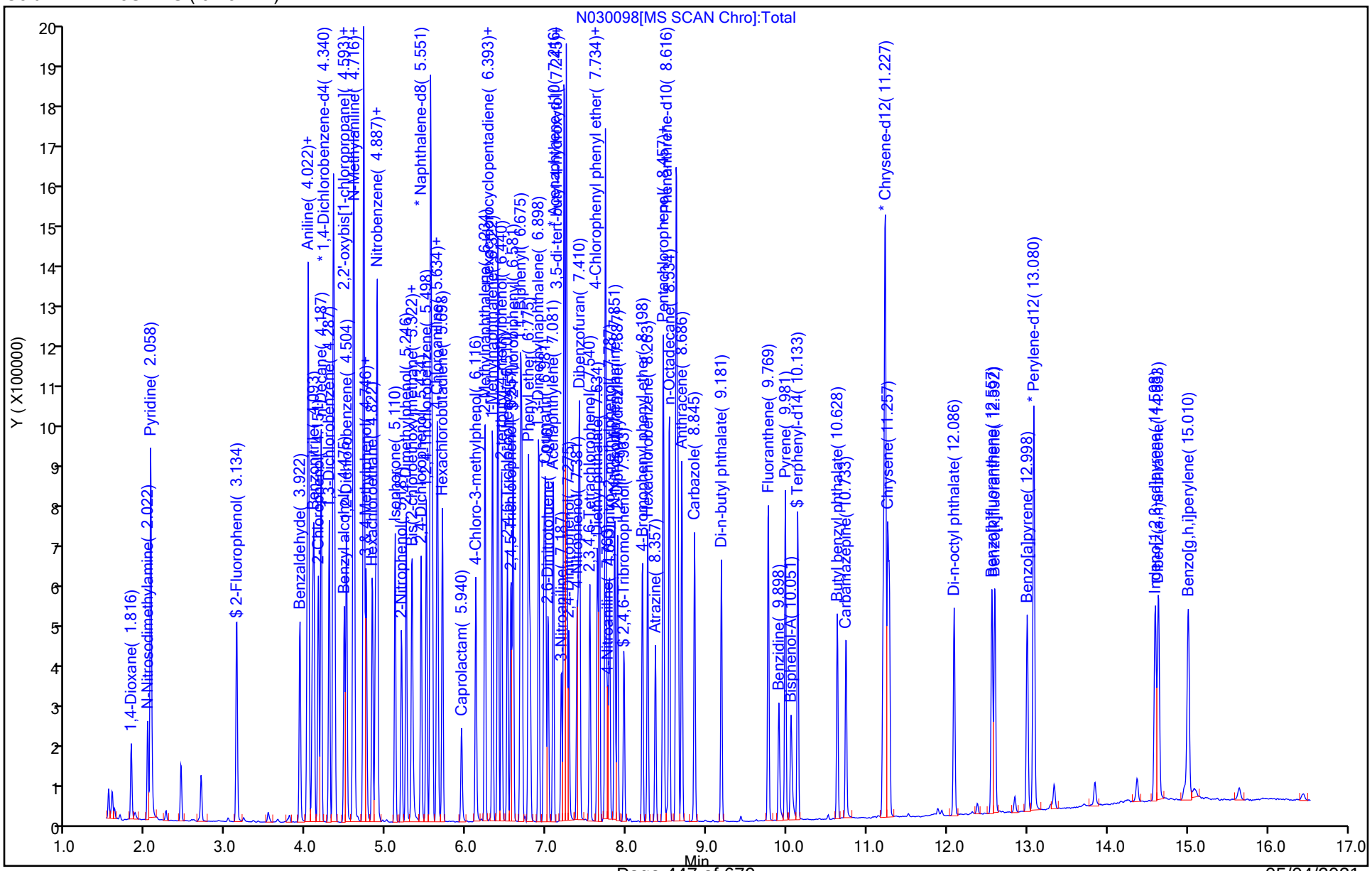
Lims ID: STD4 Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030099.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 26-Feb-2021 09:46:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-006
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:18:41 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 10:11:41

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.816	1.816	0.000	92	36567	2.00	2.09	
	2 N-Nitrosodimethylamine	74	2.022	2.022	0.000	73	51197	2.00	2.02	
	3 Pyridine	79	2.057	2.058	-0.001	76	178362	4.00	4.32	
$	4 2-Fluorophenol	112	3.134	3.134	0.000	91	85184	2.00	2.00	
	5 Benzaldehyde	77	3.922	3.922	0.000	92	78286	2.00	2.03	
$	6 Phenol-d5	99	4.010	4.010	0.000	99	106518	2.00	1.99	
	8 Aniline	93	4.028	4.028	0.000	93	139294	2.00	2.10	
	7 Phenol	94	4.028	4.028	0.000	78	121071	2.00	2.08	
	9 Bis(2-chloroethyl)ether	93	4.075	4.075	0.000	92	94635	2.00	2.09	
	10 Benzonitrile	103	4.093	4.093	0.000	99	165483	NC	NC	
	11 2-Chlorophenol	128	4.151	4.151	0.000	92	92867	2.00	2.09	
	12 n-Decane	43	4.187	4.187	0.000	93	135599	2.00	2.05	
	13 1,3-Dichlorobenzene	146	4.287	4.287	0.000	93	109057	2.00	2.09	
*	14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	270032	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.357	4.351	0.006	94	109779	2.00	2.09	
	16 Benzyl alcohol	108	4.475	4.475	0.000	89	52719	2.00	2.07	
	17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	94	103863	2.00	2.10	
	19 2,2'-oxybis[1-chloropropane]	45	4.593	4.599	-0.006	89	175345	2.00	2.10	
	18 2-Methylphenol	108	4.598	4.599	0.000	81	78517	2.00	2.05	
	20 N-Methylaniline	106	4.716	4.716	0.000	93	140614	2.00	2.07	
	21 Acetophenone	105	4.716	4.722	-0.006	87	132359	2.00	2.11	
	22 N-Nitrosodi-n-propylamine	70	4.716	4.722	-0.006	93	71039	2.00	2.13	
	23 3 & 4 Methylphenol	108	4.745	4.746	-0.001	70	86800	2.00	2.12	
	24 4-Methylphenol	108	4.745	4.746	-0.001	95	86800	2.00	2.12	
	25 Hexachloroethane	117	4.822	4.822	0.000	89	42479	2.00	2.10	
$	27 Nitrobenzene-d5	82	4.863	4.863	0.000	93	103535	2.00	2.00	
	28 Nitrobenzene	123	4.881	4.881	0.000	87	44674	2.00	2.17	
	29 n,n'-Dimethylaniline	120	4.887	4.887	0.000	95	130781	2.00	2.01	
	30 Isophorone	82	5.110	5.110	0.000	98	174351	2.00	2.08	
	32 2-Nitrophenol	139	5.187	5.187	0.000	83	50678	2.00	2.04	
	33 2,4-Dimethylphenol	122	5.245	5.246	-0.001	88	75769	2.00	2.04	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.316	5.316	0.000	95	106705	2.00	2.04	
35 Benzoic acid	122	5.316	5.328	-0.012	92	18168	2.00	1.86	
36 2,4-Dichlorophenol	162	5.434	5.434	0.000	93	79579	2.00	2.06	
37 1,2,4-Trichlorobenzene	180	5.498	5.498	0.000	95	92075	2.00	2.01	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	965764	8.00	8.00	
39 Naphthalene	128	5.569	5.569	0.000	98	259381	2.00	2.08	
40 4-Chloroaniline	127	5.628	5.628	0.000	94	101748	2.00	2.17	
130 2,6-Dichlorophenol	162	5.639	5.640	-0.001	96	78301	2.00	2.00	
41 Hexachlorobutadiene	225	5.698	5.698	0.000	95	58613	2.00	2.00	
42 Caprolactam	113	5.934	5.940	-0.006	86	16091	2.00	2.06	
43 4-Chloro-3-methylphenol	107	6.116	6.116	0.000	96	74283	2.00	2.08	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	84	180838	2.00	2.09	
45 1-Methylnaphthalene	142	6.322	6.322	0.000	92	169498	2.00	2.10	
46 Hexachlorocyclopentadiene	237	6.392	6.393	-0.001	97	69886	2.00	1.96	
47 1,2,4,5-Tetrachlorobenzene	216	6.392	6.393	-0.001	97	97612	2.00	2.09	
48 2-tertbutyl-4-methylphenol	149	6.439	6.440	-0.001	90	110698	2.00	2.02	
49 2,4,6-Trichlorophenol	196	6.510	6.510	0.000	90	59435	2.00	2.11	
50 2,4,5-Trichlorophenol	196	6.557	6.557	0.000	97	63355	2.00	2.08	
$ 51 2-Fluorobiphenyl	172	6.581	6.581	0.000	97	199761	2.00	1.99	
52 1,1'-Biphenyl	154	6.675	6.675	0.000	96	209139	2.00	2.08	
53 2-Chloronaphthalene	162	6.692	6.692	0.000	96	163393	2.00	2.08	
54 Phenyl ether	170	6.775	6.775	0.000	89	108274	2.00	1.98	
55 2-Nitroaniline	65	6.792	6.792	0.000	94	63861	2.00	2.10	
57 1,3-Dimethylnaphthalene	156	6.898	6.898	0.000	91	125938	2.00	2.04	
59 Dimethyl phthalate	163	6.963	6.969	-0.006	98	169700	2.00	2.03	
60 Coumarin	146	6.981	6.981	0.000	76	47908	2.00	2.02	
61 2,6-Dinitrotoluene	165	7.016	7.022	-0.006	93	39423	2.00	2.10	
62 Acenaphthylene	152	7.081	7.081	0.000	97	247060	2.00	2.12	
63 3-Nitroaniline	138	7.181	7.187	-0.006	91	35665	2.00	2.10	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	96	495594	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.245	7.245	0.000	97	154720	2.00	1.94	
66 Acenaphthene	154	7.245	7.251	-0.006	96	149372	2.00	2.06	
67 2,4-Dinitrophenol	184	7.275	7.281	-0.006	93	36363	4.00	4.14	
68 4-Nitrophenol	65	7.381	7.381	0.000	90	58390	4.00	3.86	
69 2,4-Dinitrotoluene	165	7.398	7.398	0.000	92	48992	2.00	2.08	
70 Dibenzofuran	168	7.410	7.410	0.000	96	227021	2.00	2.09	
72 2,3,4,6-Tetrachlorophenol	232	7.539	7.540	-0.001	94	48271	2.00	2.00	
73 Diethyl phthalate	149	7.633	7.634	-0.001	98	157641	2.00	1.97	
75 Fluorene	166	7.733	7.734	-0.001	97	179417	2.00	2.09	
74 4-Chlorophenyl phenyl ether	204	7.733	7.734	-0.001	86	92142	2.00	2.08	
76 4-Nitroaniline	138	7.757	7.763	-0.006	90	32734	2.00	2.08	
77 4,6-Dinitro-2-methylphenol	198	7.786	7.787	-0.001	83	50786	4.00	3.93	
78 N-Nitrosodiphenylamine	169	7.851	7.851	0.000	98	118562	2.00	2.04	
79 1,2-Diphenylhydrazine	77	7.886	7.887	-0.001	99	172049	2.00	2.00	
$ 80 2,4,6-Tribromophenol	330	7.969	7.969	0.000	94	37659	2.00	2.02	
81 4-Bromophenyl phenyl ether	248	8.198	8.198	0.000	91	56787	2.00	2.07	
82 Hexachlorobenzene	284	8.263	8.263	0.000	96	68172	2.00	2.11	
83 Atrazine	200	8.357	8.357	0.000	91	38383	2.00	2.02	
84 Pentachlorophenol	266	8.451	8.451	0.000	94	60336	4.00	3.65	
85 Pentachloronitrobenzene	237	8.463	8.463	0.000	89	23274	2.00	1.86	
86 n-Octadecane	57	8.533	8.534	-0.001	94	133811	2.00	1.95	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	796270	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.639	8.639	0.000	97	231223	2.00	2.07	
89 Anthracene	178	8.686	8.686	0.000	98	231583	2.00	2.04	
90 Carbazole	167	8.845	8.845	0.000	96	194283	2.00	2.05	
91 Di-n-butyl phthalate	149	9.180	9.181	-0.001	100	202217	2.00	1.88	
92 Fluoranthene	202	9.769	9.769	0.000	98	225797	2.00	2.06	
93 Benzidine	184	9.898	9.898	0.000	99	78794	2.00	1.94	
94 Pyrene	202	9.980	9.981	-0.001	98	223803	2.00	2.18	
95 Bisphenol-A	213	10.051	10.051	0.000	98	65276	2.00	1.85	
$ 96 Terphenyl-d14	244	10.133	10.133	0.000	99	157680	2.00	2.01	
97 Butyl benzyl phthalate	149	10.627	10.628	-0.001	99	72805	2.00	1.99	
99 Carbamazepine	193	10.733	10.739	-0.006	92	69615	2.00	1.97	
100 3,3'-Dichlorobenzidine	252	11.198	11.198	0.000	99	66093	2.00	2.03	
101 Benzo[a]anthracene	228	11.216	11.216	0.000	98	184267	2.00	2.08	
* 102 Chrysene-d12	240	11.227	11.227	0.000	99	511370	8.00	8.00	
104 Chrysene	228	11.257	11.257	0.000	98	171632	2.00	2.03	
103 Bis(2-ethylhexyl) phthalate	149	11.280	11.280	0.000	89	103352	2.00	2.12	
105 Di-n-octyl phthalate	149	12.086	12.086	0.000	97	177139	2.00	2.02	
106 Benzo[b]fluoranthene	252	12.557	12.557	0.000	97	176973	2.00	2.10	
107 Benzo[k]fluoranthene	252	12.592	12.592	0.000	98	186493	2.00	2.09	
108 Benzo[a]pyrene	252	12.998	12.998	0.000	98	153986	2.00	2.10	
* 109 Perylene-d12	264	13.080	13.080	0.000	99	581947	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.592	14.598	-0.006	97	193352	2.00	2.01	
111 Dibenz(a,h)anthracene	278	14.633	14.639	-0.006	98	190451	2.00	2.03	
112 Benzo[g,h,i]perylene	276	15.004	15.010	-0.006	97	199972	2.00	2.06	
S 119 Total Cresols	1				0			4.17	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL5_LVI_00002 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:18:46 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030099.d

Injection Date: 26-Feb-2021 09:46:30 Instrument ID: CBNAMS14 Operator ID:

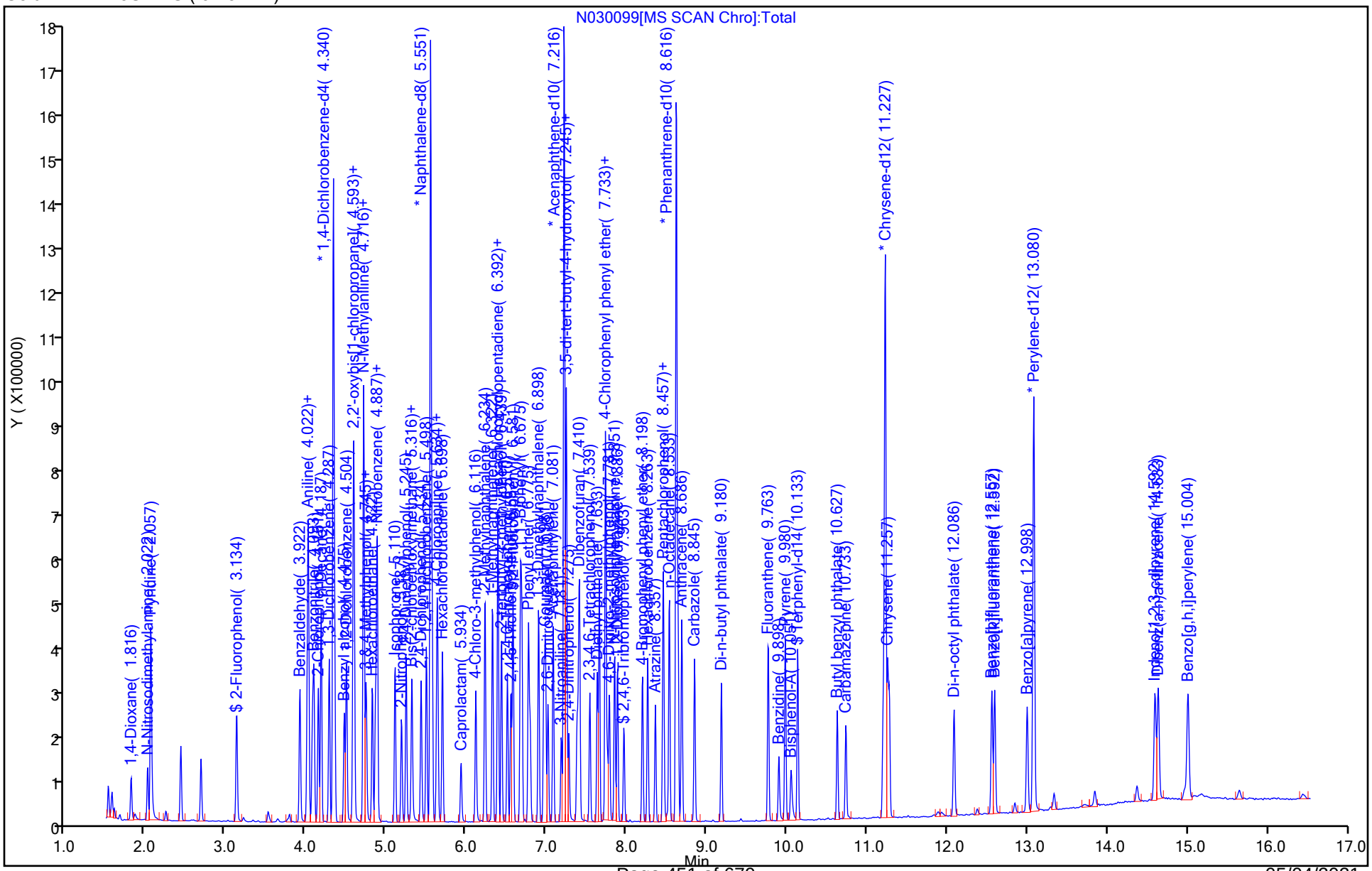
Lims ID: STD2 Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030100.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 26-Feb-2021 10:07:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-007
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:18:51 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 10:27:35

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.816	1.816	0.000	93	17413	1.00	1.05	
	2 N-Nitrosodimethylamine	74	2.022	2.022	0.000	73	24751	1.00	1.03	
	3 Pyridine	79	2.063	2.058	0.005	77	83011	2.00	2.13	
$	4 2-Fluorophenol	112	3.134	3.134	0.000	90	39226	1.00	0.9752	
	5 Benzaldehyde	77	3.922	3.922	0.000	92	37088	1.00	1.02	
$	6 Phenol-d5	99	4.010	4.010	0.000	99	51362	1.00	1.02	
	8 Aniline	93	4.028	4.028	0.000	75	67338	1.00	1.07	
	7 Phenol	94	4.028	4.028	0.000	86	56411	1.00	1.03	
	9 Bis(2-chloroethyl)ether	93	4.075	4.075	0.000	95	45633	1.00	1.07	
	10 Benzonitrile	103	4.093	4.093	0.000	99	82454	NC	NC	
	11 2-Chlorophenol	128	4.151	4.151	0.000	92	43753	1.00	1.04	
	12 n-Decane	43	4.187	4.187	0.000	94	65455	1.00	1.05	
	13 1,3-Dichlorobenzene	146	4.287	4.287	0.000	93	51000	1.00	1.04	
*	14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	254826	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.351	4.351	0.000	92	52057	1.00	1.05	
	16 Benzyl alcohol	108	4.475	4.475	0.000	89	23896	1.00	0.99	
	17 1,2-Dichlorobenzene	146	4.504	4.504	0.000	94	48965	1.00	1.05	
	19 2,2'-oxybis[1-chloropropane]	45	4.593	4.599	-0.005	88	84004	1.00	1.07	
	18 2-Methylphenol	108	4.593	4.599	-0.005	81	37807	1.00	1.04	
	20 N-Methylaniline	106	4.710	4.716	-0.006	92	67504	1.00	1.05	
	21 Acetophenone	105	4.716	4.722	-0.006	87	64537	1.00	1.09	
	22 N-Nitrosodi-n-propylamine	70	4.716	4.722	-0.006	93	34192	1.00	1.09	
	23 3 & 4 Methylphenol	108	4.746	4.746	0.000	70	39140	1.00	1.01	
	24 4-Methylphenol	108	4.746	4.746	0.000	95	39140	1.00	1.01	
	25 Hexachloroethane	117	4.822	4.822	0.000	89	19228	1.00	1.01	
$	27 Nitrobenzene-d5	82	4.863	4.863	0.000	96	49304	1.00	0.9760	
	28 Nitrobenzene	123	4.881	4.881	0.000	91	21049	1.00	1.08	
	29 n,n'-Dimethylaniline	120	4.887	4.887	0.000	97	64676	1.00	1.05	
	30 Isophorone	82	5.110	5.110	0.000	97	82351	1.00	1.01	
	32 2-Nitrophenol	139	5.187	5.187	0.000	83	23901	1.00	0.9879	
	33 2,4-Dimethylphenol	122	5.246	5.246	0.000	87	36637	1.00	1.01	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.316	5.316	0.000	96	53344	1.00	1.04	
35 Benzoic acid	122	5.316	5.328	-0.012	86	7585	1.00	1.39	
36 2,4-Dichlorophenol	162	5.434	5.434	0.000	93	37634	1.00	1.00	
37 1,2,4-Trichlorobenzene	180	5.498	5.498	0.000	94	44719	1.00	1.00	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	941899	8.00	8.00	
39 Naphthalene	128	5.569	5.569	0.000	98	126390	1.00	1.04	
40 4-Chloroaniline	127	5.628	5.628	0.000	95	49860	1.00	1.09	
130 2,6-Dichlorophenol	162	5.640	5.640	0.000	95	39217	1.00	1.00	
41 Hexachlorobutadiene	225	5.698	5.698	0.000	95	28621	1.00	1.00	
42 Caprolactam	113	5.928	5.940	-0.012	87	7361	1.00	0.9642	
43 4-Chloro-3-methylphenol	107	6.116	6.116	0.000	97	35505	1.00	1.02	
44 2-Methylnaphthalene	142	6.228	6.234	-0.006	83	89210	1.00	1.06	
45 1-Methylnaphthalene	142	6.322	6.322	0.000	94	83211	1.00	1.06	
46 Hexachlorocyclopentadiene	237	6.393	6.393	-0.001	97	35160	1.00	0.9535	
47 1,2,4,5-Tetrachlorobenzene	216	6.393	6.393	-0.001	96	45970	1.00	0.9521	
48 2-tertbutyl-4-methylphenol	149	6.434	6.440	-0.006	90	53334	1.00	1.00	
49 2,4,6-Trichlorophenol	196	6.510	6.510	0.000	90	28712	1.00	0.9870	
50 2,4,5-Trichlorophenol	196	6.557	6.557	0.000	96	29943	1.00	0.9521	
$ 51 2-Fluorobiphenyl	172	6.581	6.581	0.000	97	99155	1.00	0.9528	
52 1,1'-Biphenyl	154	6.675	6.675	0.000	97	103303	1.00	0.99	
53 2-Chloronaphthalene	162	6.692	6.692	0.000	98	82804	1.00	1.02	
54 Phenyl ether	170	6.775	6.775	0.000	89	54959	1.00	0.9720	
55 2-Nitroaniline	65	6.792	6.792	0.000	94	29694	1.00	0.9450	
57 1,3-Dimethylnaphthalene	156	6.898	6.898	0.000	90	61331	1.00	0.9598	
59 Dimethyl phthalate	163	6.963	6.969	-0.006	98	87512	1.00	1.01	
60 Coumarin	146	6.981	6.981	0.000	76	23690	1.00	1.02	
61 2,6-Dinitrotoluene	165	7.016	7.022	-0.006	93	19790	1.00	1.02	
62 Acenaphthylene	152	7.081	7.081	0.000	97	119875	1.00	0.99	
63 3-Nitroaniline	138	7.181	7.187	-0.006	91	17256	1.00	0.9811	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	95	512921	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.245	7.245	0.000	96	79983	1.00	0.9708	
66 Acenaphthene	154	7.245	7.251	-0.006	96	76518	1.00	1.02	
67 2,4-Dinitrophenol	184	7.281	7.281	0.000	89	14034	2.00	2.06	
68 4-Nitrophenol	65	7.381	7.381	0.000	90	27712	2.00	1.77	
69 2,4-Dinitrotoluene	165	7.398	7.398	0.000	92	25914	1.00	1.06	
70 Dibenzofuran	168	7.410	7.410	0.000	96	118080	1.00	1.05	
72 2,3,4,6-Tetrachlorophenol	232	7.539	7.540	-0.001	94	24614	1.00	0.9833	
73 Diethyl phthalate	149	7.634	7.634	0.000	97	82809	1.00	1.00	
75 Fluorene	166	7.734	7.734	0.000	94	93802	1.00	1.06	
74 4-Chlorophenyl phenyl ether	204	7.734	7.734	0.000	84	48112	1.00	1.05	
76 4-Nitroaniline	138	7.757	7.763	-0.006	91	15685	1.00	0.9622	
77 4,6-Dinitro-2-methylphenol	198	7.781	7.787	-0.006	84	22213	2.00	1.60	
78 N-Nitrosodiphenylamine	169	7.845	7.851	-0.006	98	62290	1.00	1.00	
79 1,2-Diphenylhydrazine	77	7.881	7.887	-0.006	98	90767	1.00	0.9837	
$ 80 2,4,6-Tribromophenol	330	7.963	7.969	-0.006	93	19906	1.00	1.03	
81 4-Bromophenyl phenyl ether	248	8.198	8.198	0.000	92	28882	1.00	0.9789	
82 Hexachlorobenzene	284	8.263	8.263	0.000	95	35515	1.00	1.02	
83 Atrazine	200	8.357	8.357	0.000	91	19781	1.00	0.9692	
84 Pentachlorophenol	266	8.451	8.451	0.000	94	29472	2.00	1.66	
85 Pentachloronitrobenzene	237	8.457	8.463	-0.006	88	12955	1.00	0.9631	
86 n-Octadecane	57	8.528	8.534	-0.006	93	68229	1.00	0.9259	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	855437	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.639	8.639	0.000	96	124847	1.00	1.04	
89 Anthracene	178	8.686	8.686	0.000	98	122023	1.00	1.00	
90 Carbazole	167	8.845	8.845	0.000	96	100418	1.00	0.9885	
91 Di-n-butyl phthalate	149	9.181	9.181	0.000	99	100104	1.00	0.8670	
92 Fluoranthene	202	9.763	9.769	-0.006	97	111716	1.00	0.9482	
93 Benzidine	184	9.898	9.898	0.000	99	43206	1.00	0.9885	
94 Pyrene	202	9.981	9.981	-0.001	97	114473	1.00	1.06	
95 Bisphenol-A	213	10.051	10.051	0.000	97	31925	1.00	0.8618	
$ 96 Terphenyl-d14	244	10.133	10.133	0.000	99	82437	1.00	1.00	
97 Butyl benzyl phthalate	149	10.628	10.628	0.000	98	35393	1.00	0.9196	
99 Carbamazepine	193	10.733	10.739	-0.006	91	33723	1.00	0.9075	
100 3,3'-Dichlorobenzidine	252	11.198	11.198	0.000	97	31634	1.00	0.9270	
101 Benzo[a]anthracene	228	11.216	11.216	0.000	98	89999	1.00	0.9697	
* 102 Chrysene-d12	240	11.227	11.227	0.000	99	536984	8.00	8.00	
104 Chrysene	228	11.257	11.257	0.000	98	96053	1.00	1.08	
103 Bis(2-ethylhexyl) phthalate	149	11.275	11.280	-0.005	89	47906	1.00	0.9371	
105 Di-n-octyl phthalate	149	12.086	12.086	0.000	97	80880	1.00	0.8974	
106 Benzo[b]fluoranthene	252	12.557	12.557	0.000	97	88388	1.00	1.02	
107 Benzo[k]fluoranthene	252	12.592	12.592	0.000	97	93493	1.00	1.02	
108 Benzo[a]pyrene	252	12.998	12.998	0.000	98	77355	1.00	1.02	
* 109 Perylene-d12	264	13.080	13.080	0.000	100	599110	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.592	14.598	-0.006	97	99965	1.00	1.01	
111 Dibenz(a,h)anthracene	278	14.633	14.639	-0.006	97	101823	1.00	1.05	
112 Benzo[g,h,i]perylene	276	15.004	15.010	-0.006	96	97899	1.00	0.9796	
S 119 Total Cresols	1				0			2.06	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL4_LVI_00002 Amount Added: 1.00 Units: mL

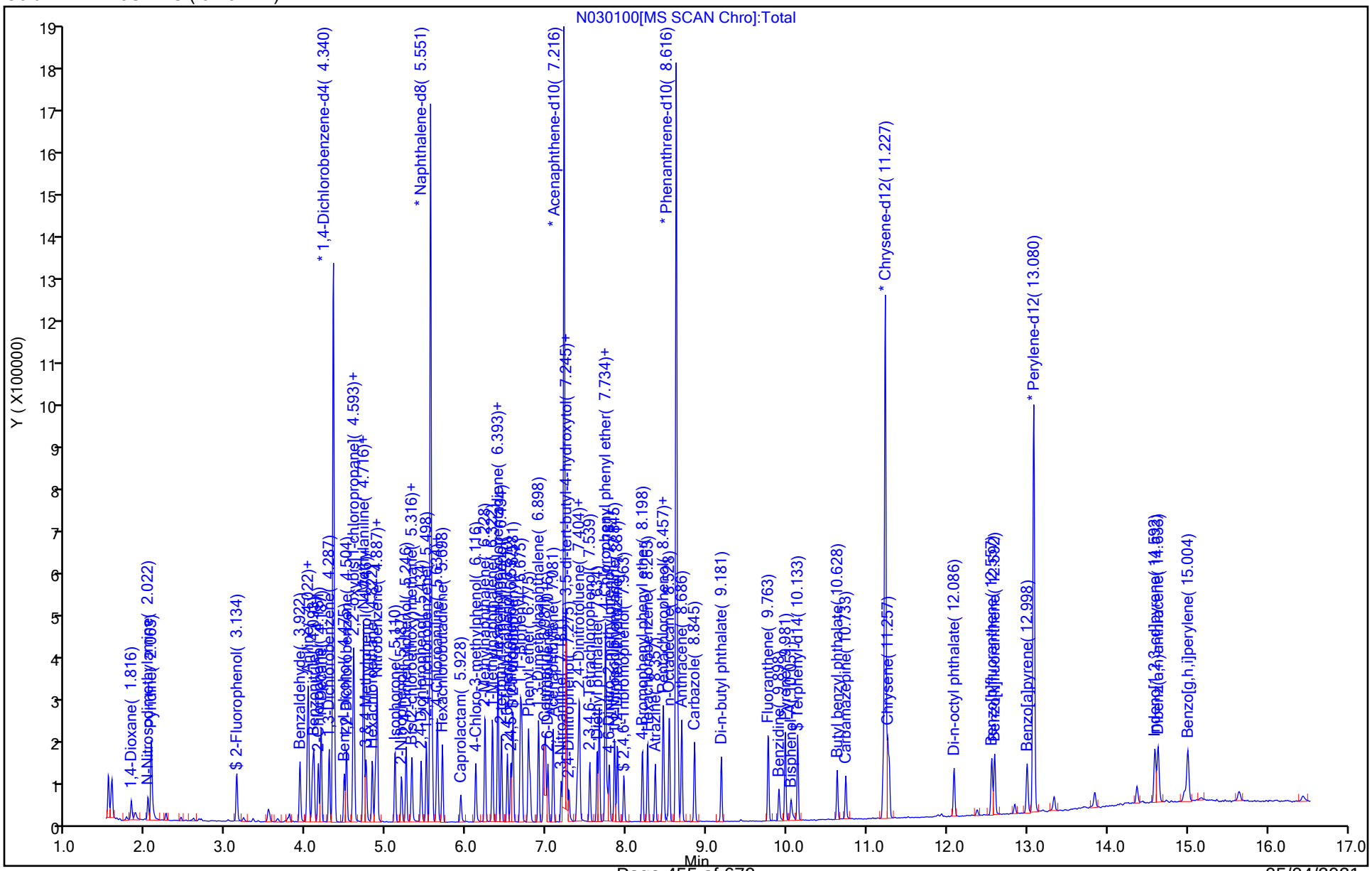
Report Date: 02-Mar-2021 07:18:55 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030100.d

Injection Date:	26-Feb-2021 10:07:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030101.d
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 26-Feb-2021 10:28:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-008
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:19:01 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 10:47:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.922	3.922	0.000	91	16511	0.4000	0.3980	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	98	290682	8.00	8.00	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	1034427	8.00	8.00	
42 Caprolactam	113	5.928	5.940	-0.012	85	2684	0.4000	0.3201	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	95	555883	8.00	8.00	
67 2,4-Dinitrophenol	184	7.281	7.281	0.000	85	3342	0.8000	1.08	
77 4,6-Dinitro-2-methylphenol	198	7.787	7.787	0.000	83	7384	0.8000	0.4833	
$ 80 2,4,6-Tribromophenol	330	7.963	7.969	-0.006	92	8793	0.4000	0.4205	
83 Atrazine	200	8.357	8.357	0.000	90	7710	0.4000	0.3434	
84 Pentachlorophenol	266	8.451	8.451	0.000	90	8949	0.8000	0.4580	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	941110	8.00	8.00	
* 102 Chrysene-d12	240	11.227	11.227	0.000	98	568302	8.00	8.00	
103 Bis(2-ethylhexyl) phthalate	149	11.275	11.280	-0.005	88	18515	0.4000	0.3422	
* 109 Perylene-d12	264	13.080	13.080	0.000	100	634768	8.00	8.00	

QC Flag Legend
Processing Flags

Reagents:
SV_BNAL3_LVI_00002 Amount Added: 1.00 Units: mL

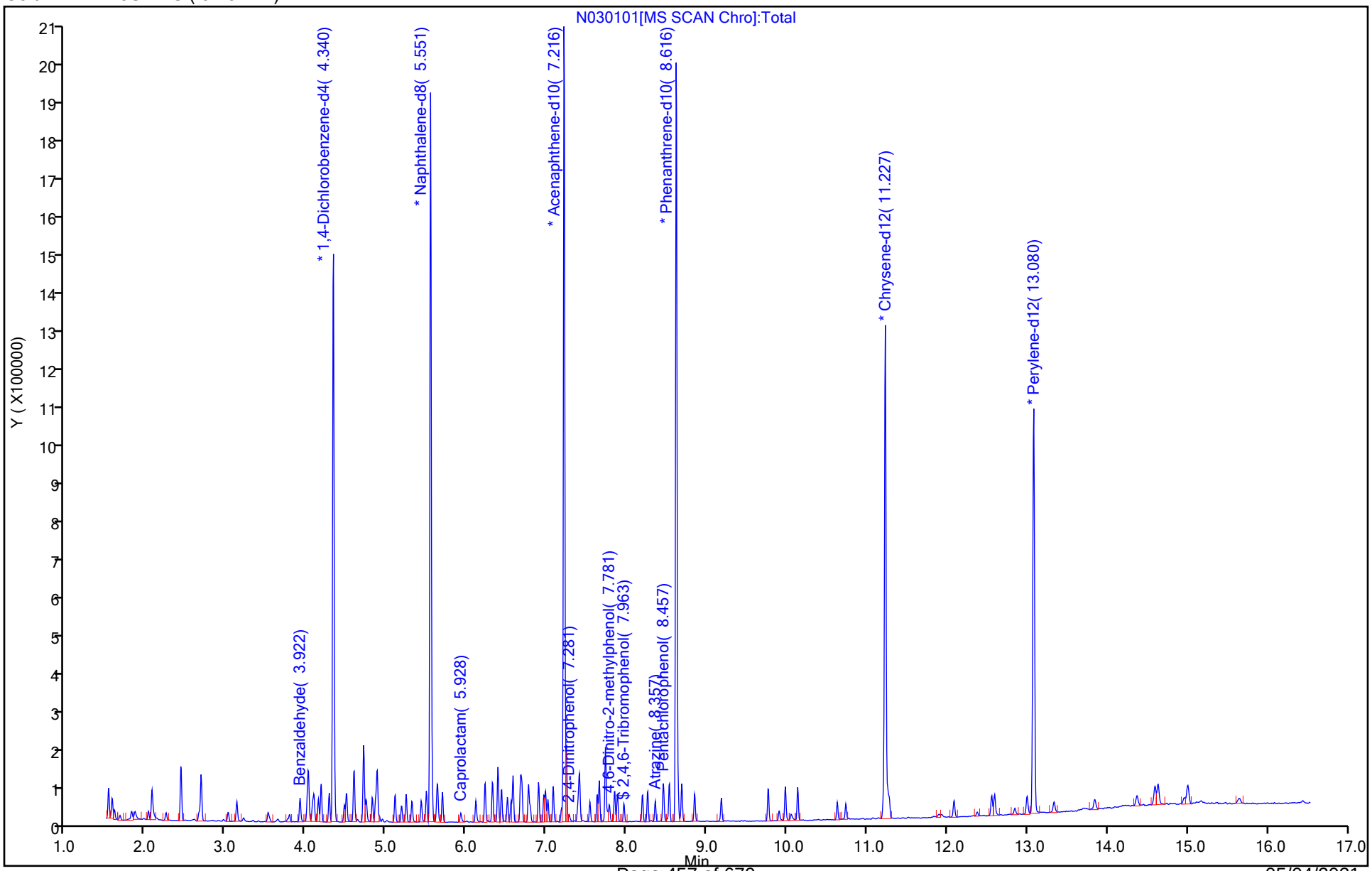
Report Date: 02-Mar-2021 07:19:02 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030101.d

Injection Date:	26-Feb-2021 10:28:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	STD04			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030102.d
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 26-Feb-2021 10:49:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-009
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:19:04 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 11:17:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
3 Pyridine	79	2.081	2.058	0.023	78	14796	0.4000	0.3728	
$ 4 2-Fluorophenol	112	3.134	3.134	0.000	87	7921	0.2000	0.1932	
5 Benzaldehyde	77	3.922	3.922	0.000	91	7162	0.2000	0.1932	
$ 6 Phenol-d5	99	4.016	4.010	0.006	98	10163	0.2000	0.1971	a
9 Bis(2-chloroethyl)ether	93	4.081	4.075	0.006	95	9003	0.2000	0.2068	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	259708	8.00	8.00	
20 N-Methylaniline	106	4.716	4.716	0.000	95	12962	0.2000	0.1985	
22 N-Nitrosodi-n-propylamine	70	4.722	4.722	0.000	92	6053	0.2000	0.1891	
25 Hexachloroethane	117	4.822	4.822	0.000	92	3876	0.2000	0.1989	
$ 27 Nitrobenzene-d5	82	4.863	4.863	0.000	94	9284	0.2000	0.1860	
28 Nitrobenzene	123	4.887	4.881	0.006	86	3974	0.2000	0.2009	
29 n,n'-Dimethylaniline	120	4.887	4.887	0.000	82	12896	0.2000	0.2059	
30 Isophorone	82	5.110	5.110	0.000	98	15485	0.2000	0.1919	
37 1,2,4-Trichlorobenzene	180	5.498	5.498	0.000	92	8621	0.2000	0.1957	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	930719	8.00	8.00	
39 Naphthalene	128	5.569	5.569	0.000	98	23296	0.2000	0.1939	
40 4-Chloroaniline	127	5.634	5.628	0.006	95	8709	0.2000	0.1926	
41 Hexachlorobutadiene	225	5.698	5.698	0.000	95	5758	0.2000	0.2035	
42 Caprolactam	113	5.934	5.940	-0.006	82	1168	0.2000	0.1548	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	82	16209	0.2000	0.1944	
45 1-Methylnaphthalene	142	6.322	6.322	0.000	90	14828	0.2000	0.1910	
48 2-tertbutyl-4-methylphenol	149	6.434	6.440	-0.006	89	10105	0.2000	0.1912	
49 2,4,6-Trichlorophenol	196	6.510	6.510	0.000	89	4954	0.2000	0.1697	
$ 51 2-Fluorobiphenyl	172	6.581	6.581	0.000	98	20558	0.2000	0.1968	
61 2,6-Dinitrotoluene	165	7.016	7.022	-0.006	92	3265	0.2000	0.1677	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	96	514734	8.00	8.00	
67 2,4-Dinitrophenol	184	7.292	7.281	0.011	80	990	0.4000	0.8963	
69 2,4-Dinitrotoluene	165	7.398	7.398	0.000	84	3781	0.2000	0.1547	a
77 4,6-Dinitro-2-methylphenol	198	7.787	7.787	0.000	77	2433	0.4000	0.1746	
$ 80 2,4,6-Tribromophenol	330	7.969	7.969	0.000	92	3010	0.2000	0.1555	
82 Hexachlorobenzene	284	8.263	8.263	0.000	95	6804	0.2000	0.1950	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
83 Atrazine	200	8.357	8.357	0.000	90	3402	0.2000	0.1661	
84 Pentachlorophenol	266	8.457	8.451	0.006	92	3389	0.4000	0.1902	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	858310	8.00	8.00	
94 Pyrene	202	9.981	9.981	0.000	98	20391	0.2000	0.2024	
$ 96 Terphenyl-d14	244	10.133	10.133	0.000	99	15635	0.2000	0.2028	
100 3,3'-Dichlorobenzidine	252	11.198	11.198	0.000	95	6012	0.2000	0.1886	a
101 Benzo[a]anthracene	228	11.216	11.216	0.000	97	17040	0.2000	0.1966	
* 102 Chrysene-d12	240	11.227	11.227	0.000	99	501461	8.00	8.00	
104 Chrysene	228	11.257	11.257	0.000	98	16683	0.2000	0.2010	
103 Bis(2-ethylhexyl) phthalate	149	11.275	11.280	-0.005	87	8160	0.2000	0.1709	
106 Benzo[b]fluoranthene	252	12.557	12.557	0.000	97	15448	0.2000	0.1820	
107 Benzo[k]fluoranthene	252	12.592	12.592	0.000	97	15928	0.2000	0.1778	
108 Benzo[a]pyrene	252	12.998	12.998	0.000	98	12906	0.2000	0.1748	
* 109 Perylene-d12	264	13.080	13.080	0.000	100	584984	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.592	14.598	-0.006	96	18323	0.2000	0.1895	M
111 Dibenz(a,h)anthracene	278	14.633	14.639	-0.006	95	17945	0.2000	0.1904	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL2_LVI_00001 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:19:06 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030102.d

Injection Date: 26-Feb-2021 10:49:30 Instrument ID: CBNAMS14 Operator ID:

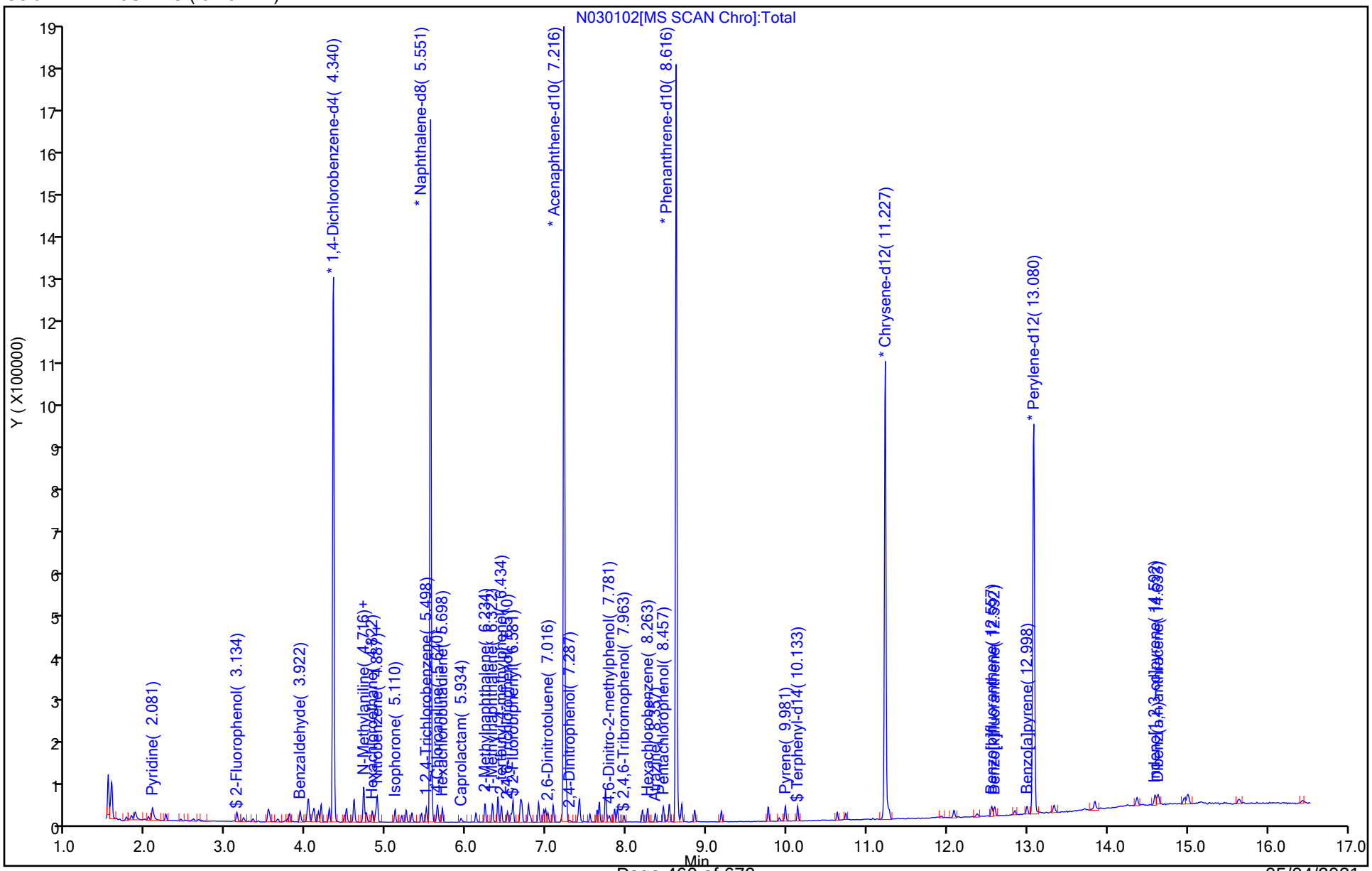
Lims ID: STD02 Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

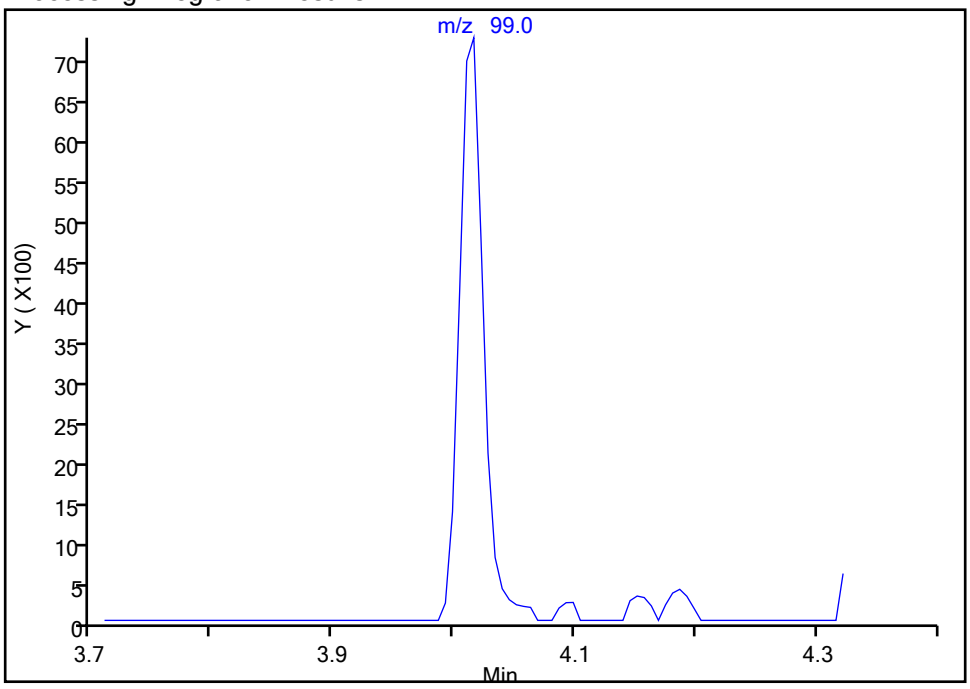
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030102.d
Injection Date: 26-Feb-2021 10:49:30 Instrument ID: CBNAMS14
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 6 Phenol-d5, CAS: 4165-62-2

Signal: 1

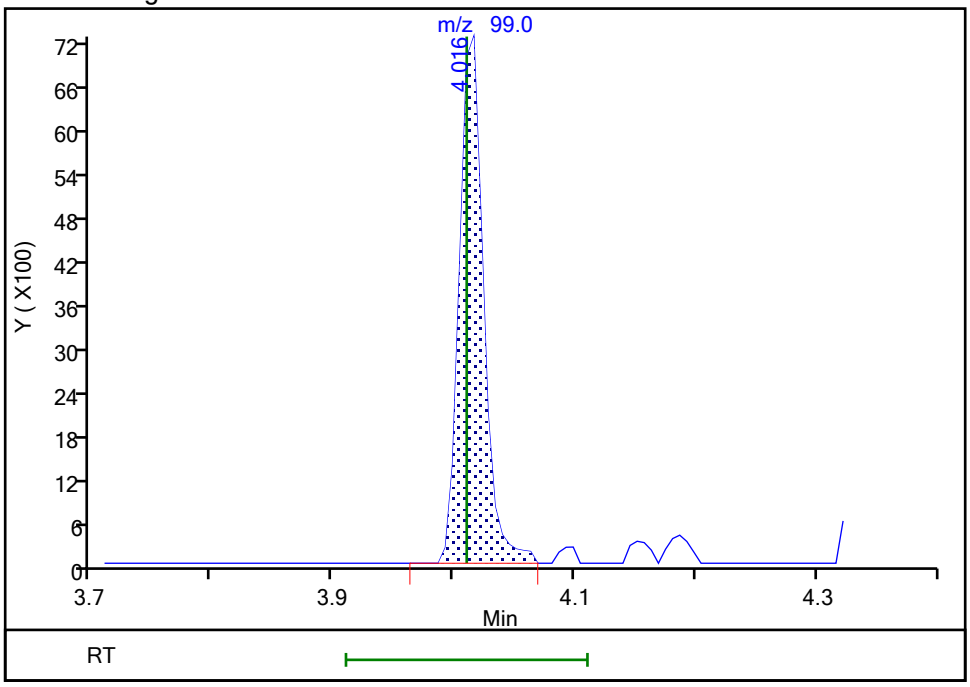
Not Detected
Expected RT: 4.01

Processing Integration Results



Manual Integration Results

RT: 4.02
Area: 10163
Amount: 0.197074
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 11:16:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

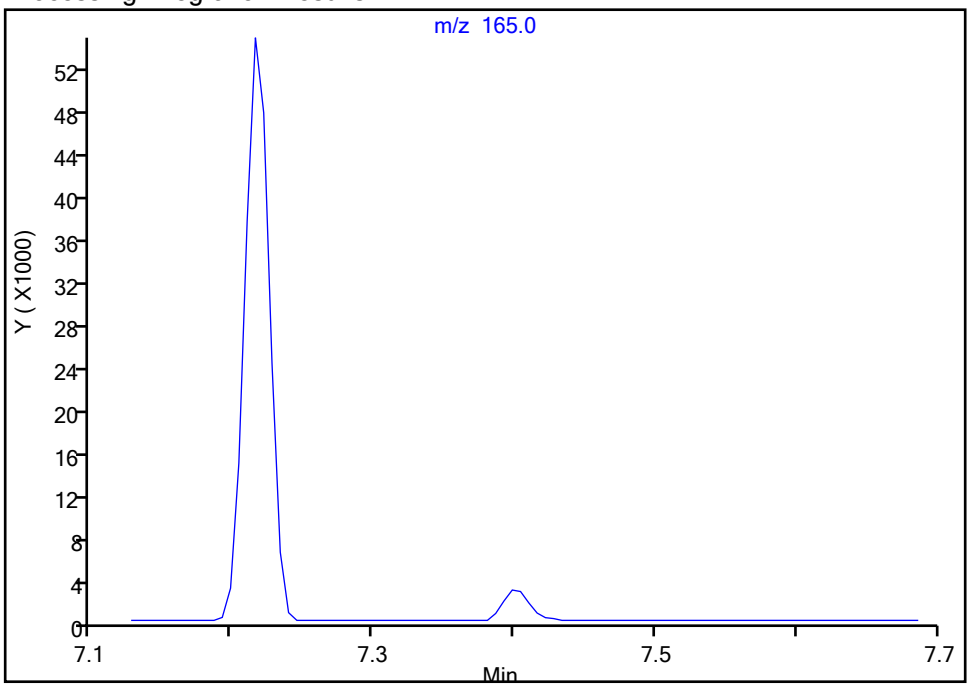
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030102.d
Injection Date: 26-Feb-2021 10:49:30 Instrument ID: CBNAMS14
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

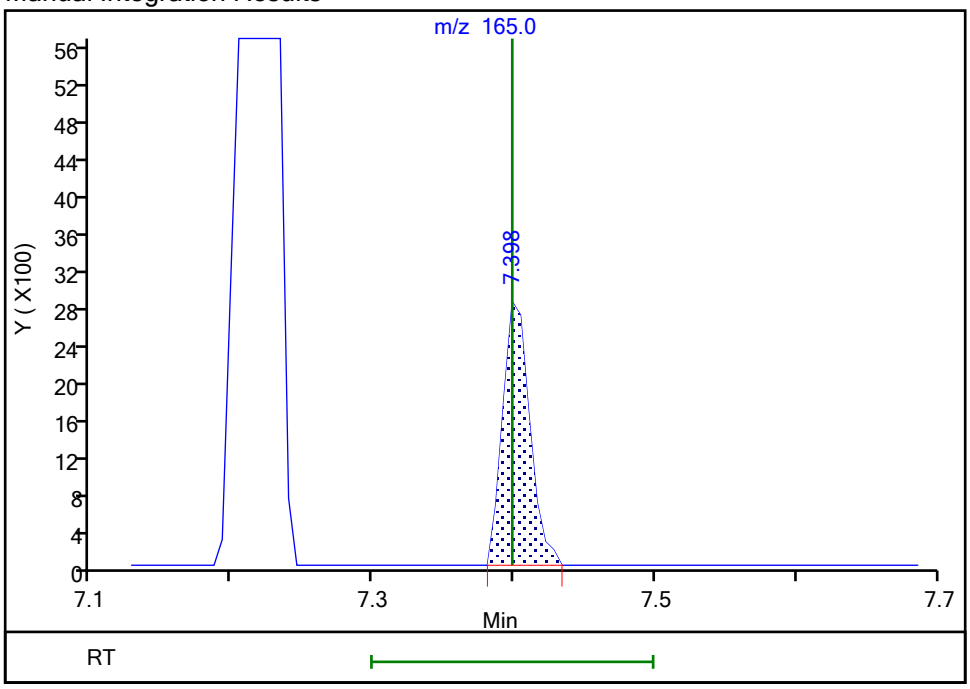
Not Detected
Expected RT: 7.40

Processing Integration Results



Manual Integration Results

RT: 7.40
Area: 3781
Amount: 0.154715
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 11:16:37
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

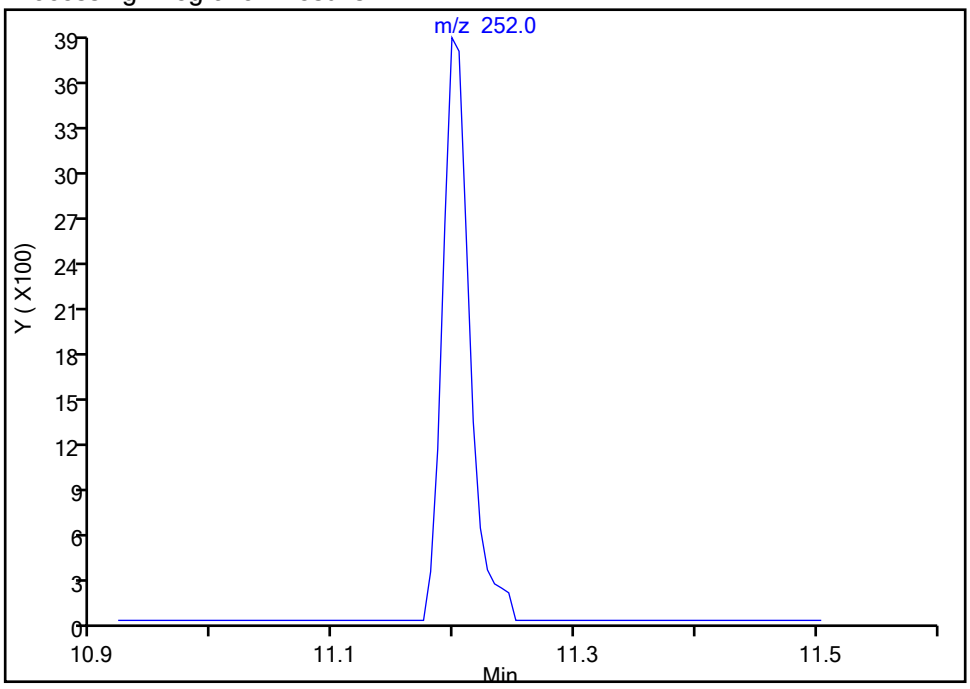
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030102.d
Injection Date: 26-Feb-2021 10:49:30 Instrument ID: CBNAMS14
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

100 3,3'-Dichlorobenzidine, CAS: 91-94-1

Signal: 1

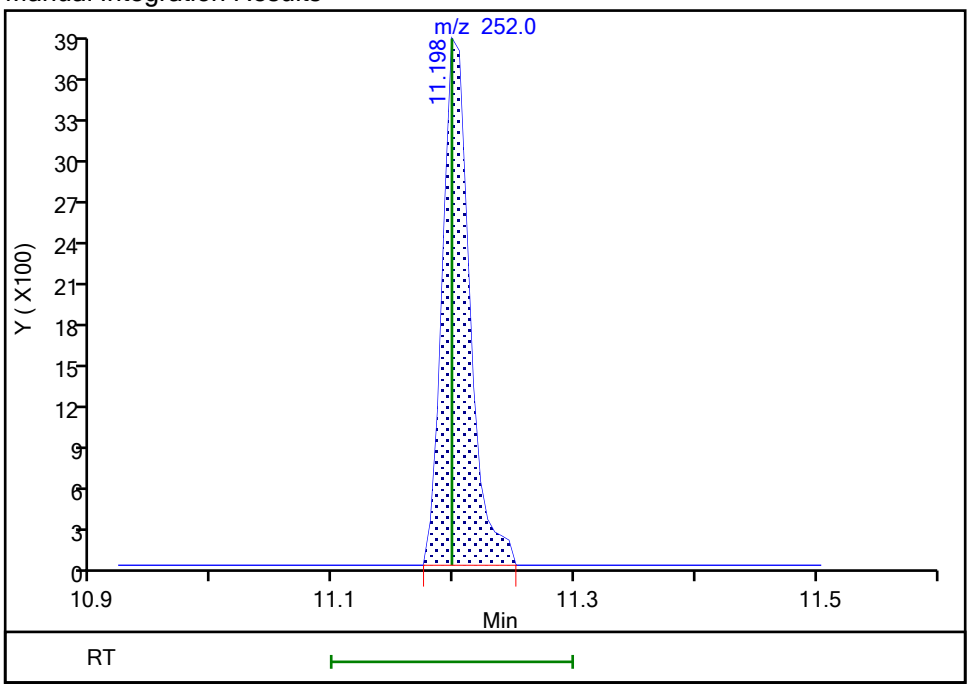
Not Detected
Expected RT: 11.20

Processing Integration Results



Manual Integration Results

RT: 11.20
Area: 6012
Amount: 0.188647
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 11:16:42
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

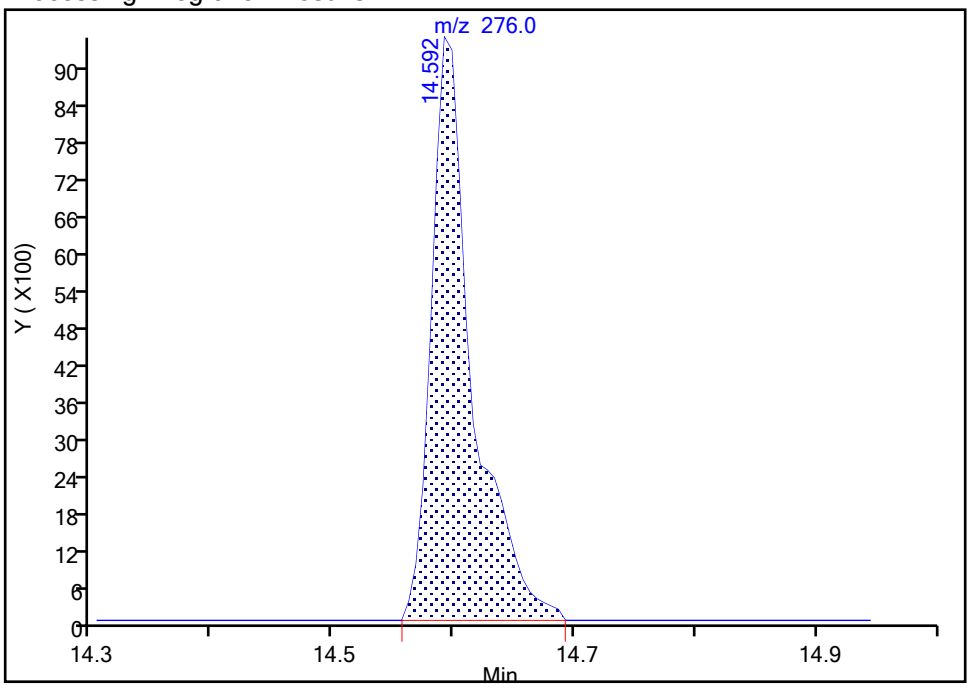
Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030102.d				
Injection Date:	26-Feb-2021 10:49:30	Instrument ID:	CBNAMS14		
Lims ID:	STD02				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

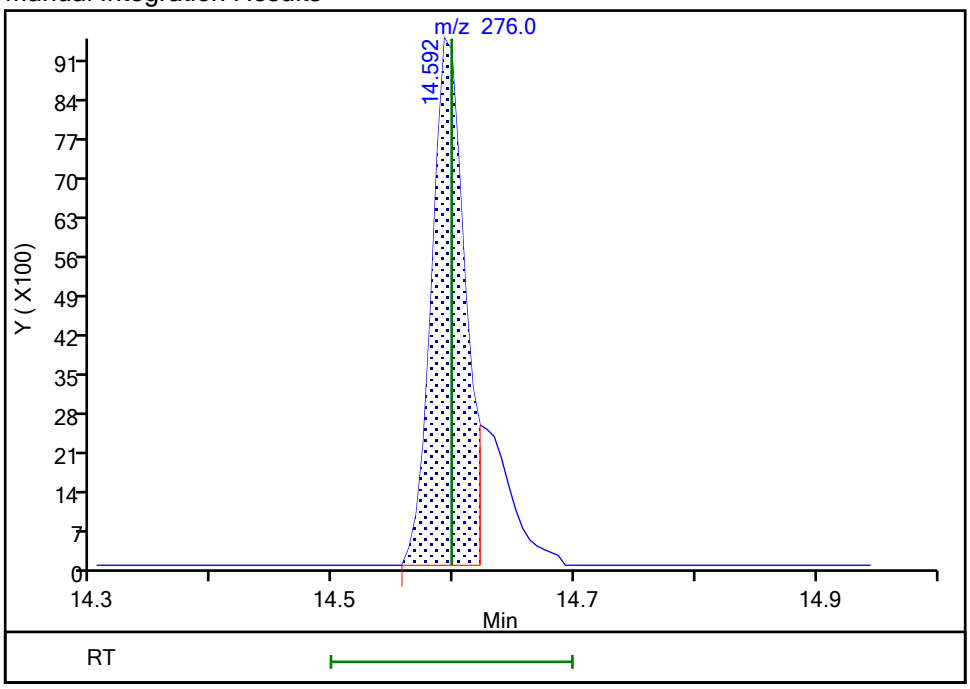
Processing Integration Results

RT: 14.59
Area: 22303
Amount: 0.221562
Amount Units: ug/ml



Manual Integration Results

RT: 14.59
Area: 18323
Amount: 0.189501
Amount Units: ug/ml



Reviewer: johnstonm1, 26-Feb-2021 11:16:55

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 26-Feb-2021 11:10:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-010
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:19:09 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 11:38:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
3 Pyridine	79	2.087	2.058	0.029	74	8041	0.2000	0.1847	
9 Bis(2-chloroethyl)ether	93	4.081	4.075	0.006	90	4570	0.1000	0.0957	
* 14 1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	98	284938	8.00	8.00	
20 N-Methylaniline	106	4.716	4.716	0.000	96	6569	0.1000	0.0917	
22 N-Nitrosodi-n-propylamine	70	4.722	4.722	0.000	81	3387	0.1000	0.0965	
25 Hexachloroethane	117	4.822	4.822	0.000	89	2066	0.1000	0.0966	
$ 27 Nitrobenzene-d5	82	4.869	4.863	0.006	95	5022	0.1000	0.0904	
28 Nitrobenzene	123	4.887	4.881	0.006	82	1746	0.1000	0.0805	
29 n,n'-Dimethylaniline	120	4.887	4.887	0.000	84	7287	0.1000	0.1060	
37 1,2,4-Trichlorobenzene	180	5.498	5.498	0.000	92	4983	0.1000	0.1017	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	1035516	8.00	8.00	
39 Naphthalene	128	5.569	5.569	0.000	98	12759	0.1000	0.0954	
40 4-Chloroaniline	127	5.634	5.628	0.006	93	4437	0.1000	0.0882	
41 Hexachlorobutadiene	225	5.698	5.698	0.000	91	3143	0.1000	0.0998	
$ 51 2-Fluorobiphenyl	172	6.581	6.581	0.000	97	11431	0.1000	0.0996	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	95	565923	8.00	8.00	
67 2,4-Dinitrophenol	184	7.292	7.281	0.011	72	228	0.2000	0.8265	
77 4,6-Dinitro-2-methylphenol	198	7.786	7.787	-0.001	76	1169	0.2000	0.0783	
$ 80 2,4,6-Tribromophenol	330	7.969	7.969	0.000	88	1836	0.1000	0.0862	
82 Hexachlorobenzene	284	8.263	8.263	0.000	93	3378	0.1000	0.0903	
84 Pentachlorophenol	266	8.457	8.451	0.006	84	1367	0.2000	0.0716	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	920160	8.00	8.00	
$ 96 Terphenyl-d14	244	10.133	10.133	0.000	98	8958	0.1000	0.1042	
101 Benzo[a]anthracene	228	11.216	11.216	0.000	96	10754	0.1000	0.1113	
* 102 Chrysene-d12	240	11.227	11.227	0.000	99	559251	8.00	8.00	
106 Benzo[b]fluoranthene	252	12.557	12.557	0.000	98	7911	0.1000	0.0875	
107 Benzo[k]fluoranthene	252	12.592	12.592	0.000	97	8664	0.1000	0.0908	
108 Benzo[a]pyrene	252	12.998	12.998	0.000	97	6814	0.1000	0.0867	
* 109 Perylene-d12	264	13.080	13.080	0.000	99	622814	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.598	14.598	0.000	98	9453	0.1000	0.0918	
111 Dibenz(a,h)anthracene	278	14.633	14.639	-0.006	94	9692	0.1000	0.0966	

QC Flag Legend

Processing Flags

Reagents:

SV_BNAL1_LVI_00001 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:19:11 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Injection Date: 26-Feb-2021 11:10:30 Instrument ID: CBNAMS14 Operator ID:

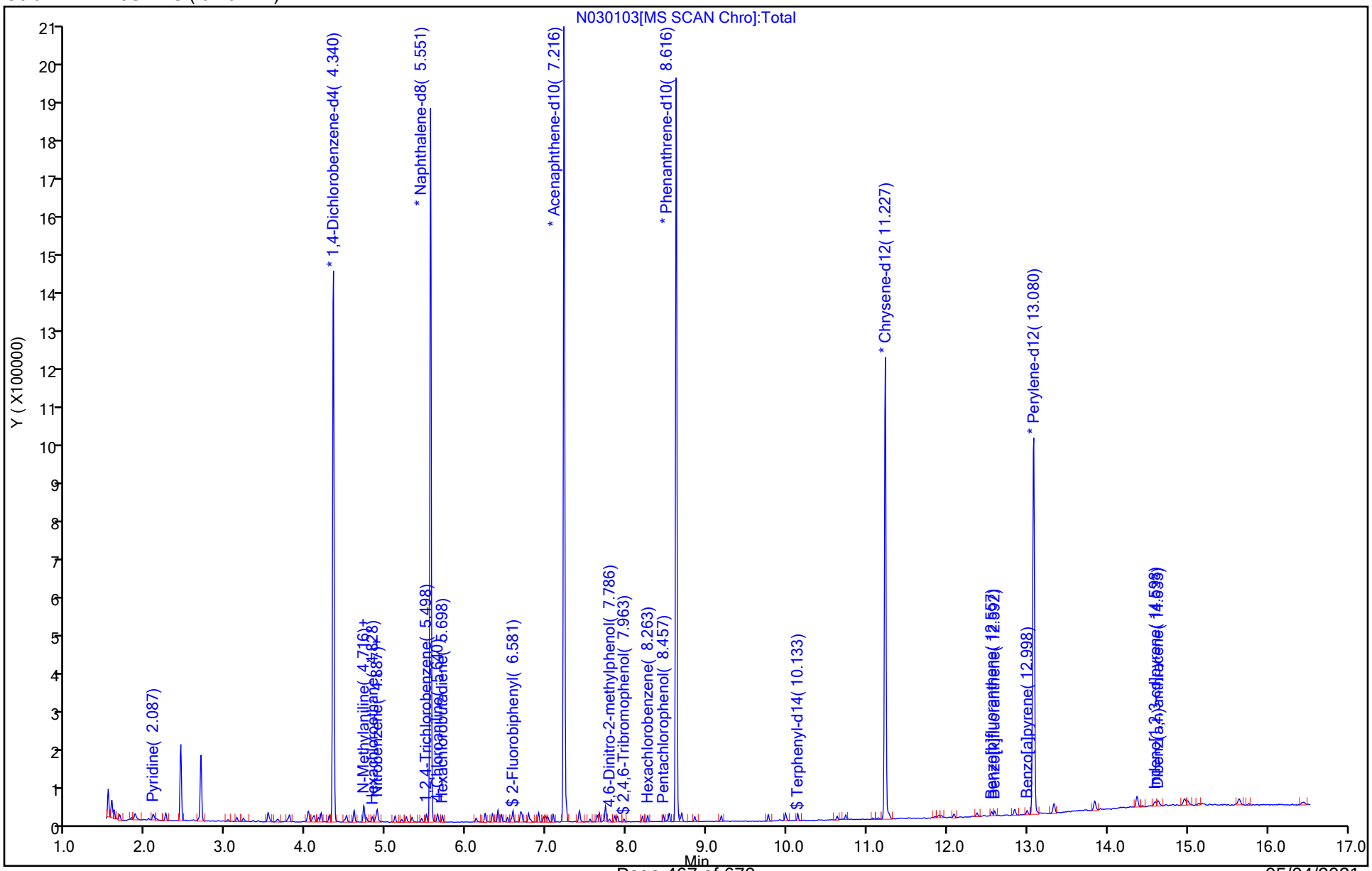
Lims ID: STD01 Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

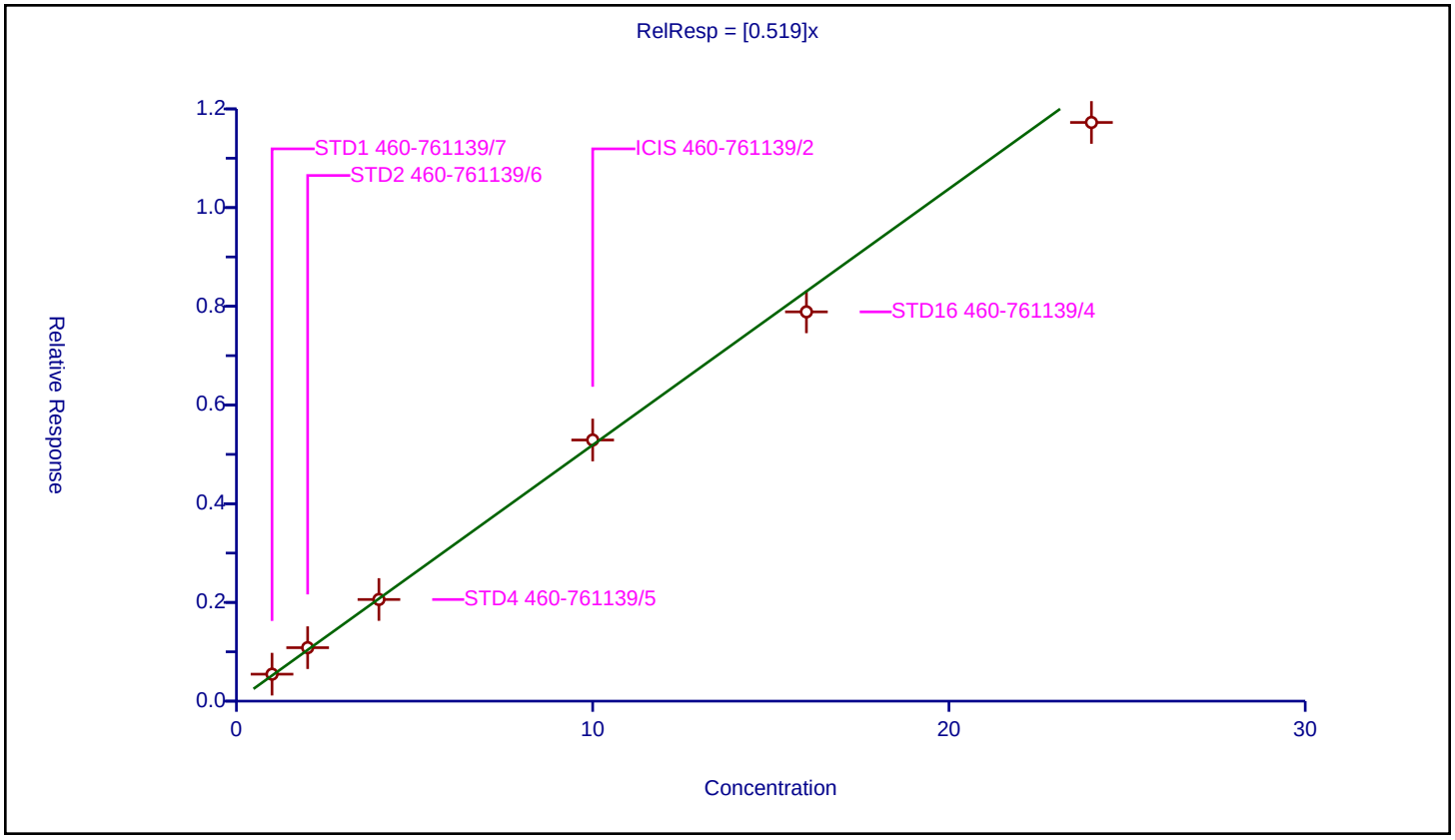
Curve Coefficients

Intercept:	0
Slope:	0.519

Error Coefficients

Standard Error:	250000
Relative Standard Error:	4.7
Correlation Coefficient:	0.962
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.546663	8.0	254826.0	0.546663	Y
2	STD2 460-761139/6	2.0	1.083338	8.0	270032.0	0.541669	Y
3	STD4 460-761139/5	4.0	2.059585	8.0	285875.0	0.514896	Y
4	ICIS 460-761139/2	10.0	5.291156	8.0	307653.0	0.529116	Y
5	STD16 460-761139/4	16.0	7.887652	8.0	343717.0	0.492978	Y
6	STD24 460-761139/3	24.0	11.725314	8.0	263486.0	0.488555	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

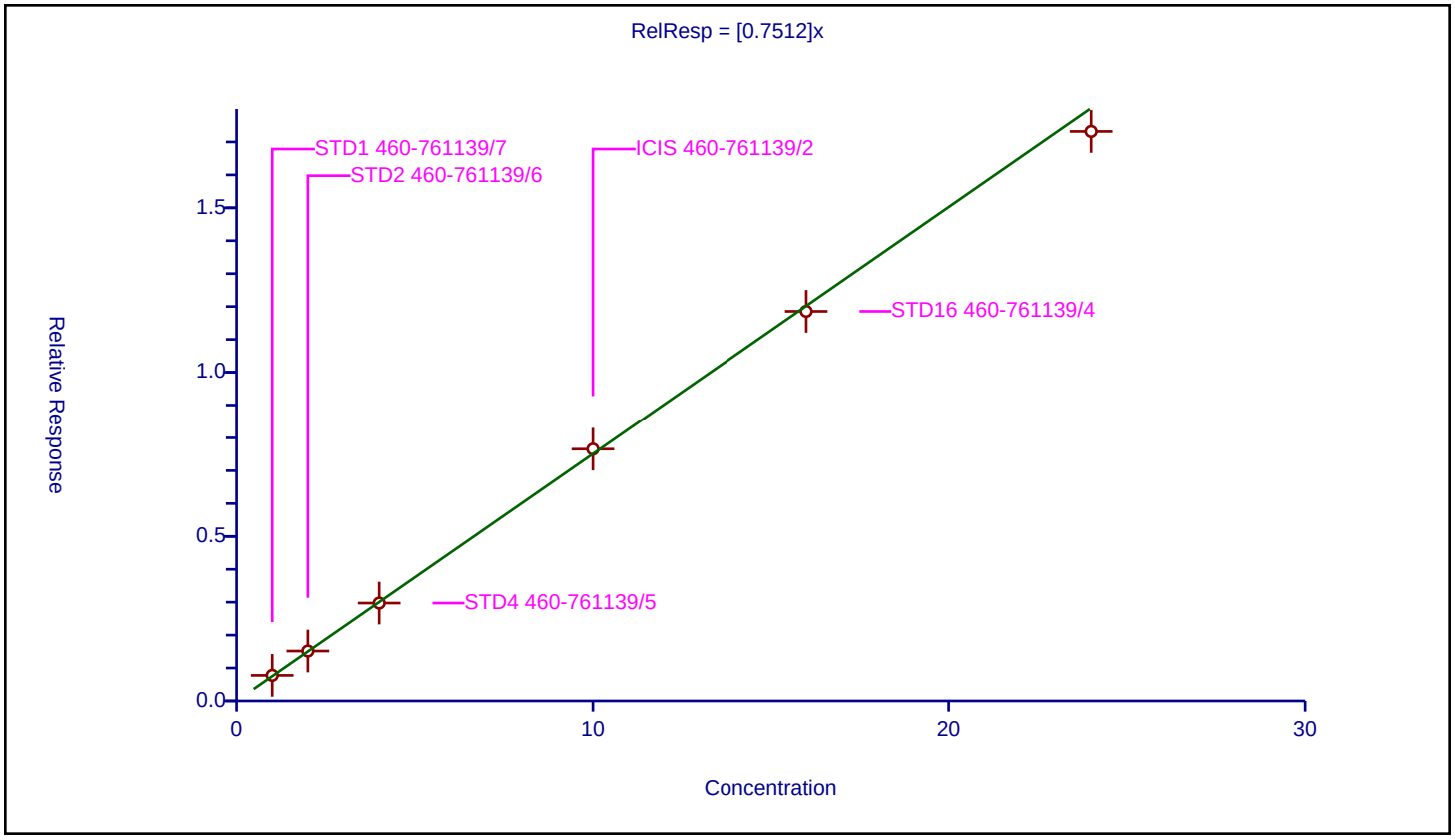
Curve Coefficients

Intercept:	0
Slope:	0.7512

Error Coefficients

Standard Error:	370000
Relative Standard Error:	2.6
Correlation Coefficient:	0.958
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.777032	8.0	254826.0	0.777032	Y
2	STD2 460-761139/6	2.0	1.516768	8.0	270032.0	0.758384	Y
3	STD4 460-761139/5	4.0	2.973495	8.0	285875.0	0.743374	Y
4	ICIS 460-761139/2	10.0	7.656704	8.0	307653.0	0.76567	Y
5	STD16 460-761139/4	16.0	11.853356	8.0	343717.0	0.740835	Y
6	STD24 460-761139/3	24.0	17.320207	8.0	263486.0	0.721675	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

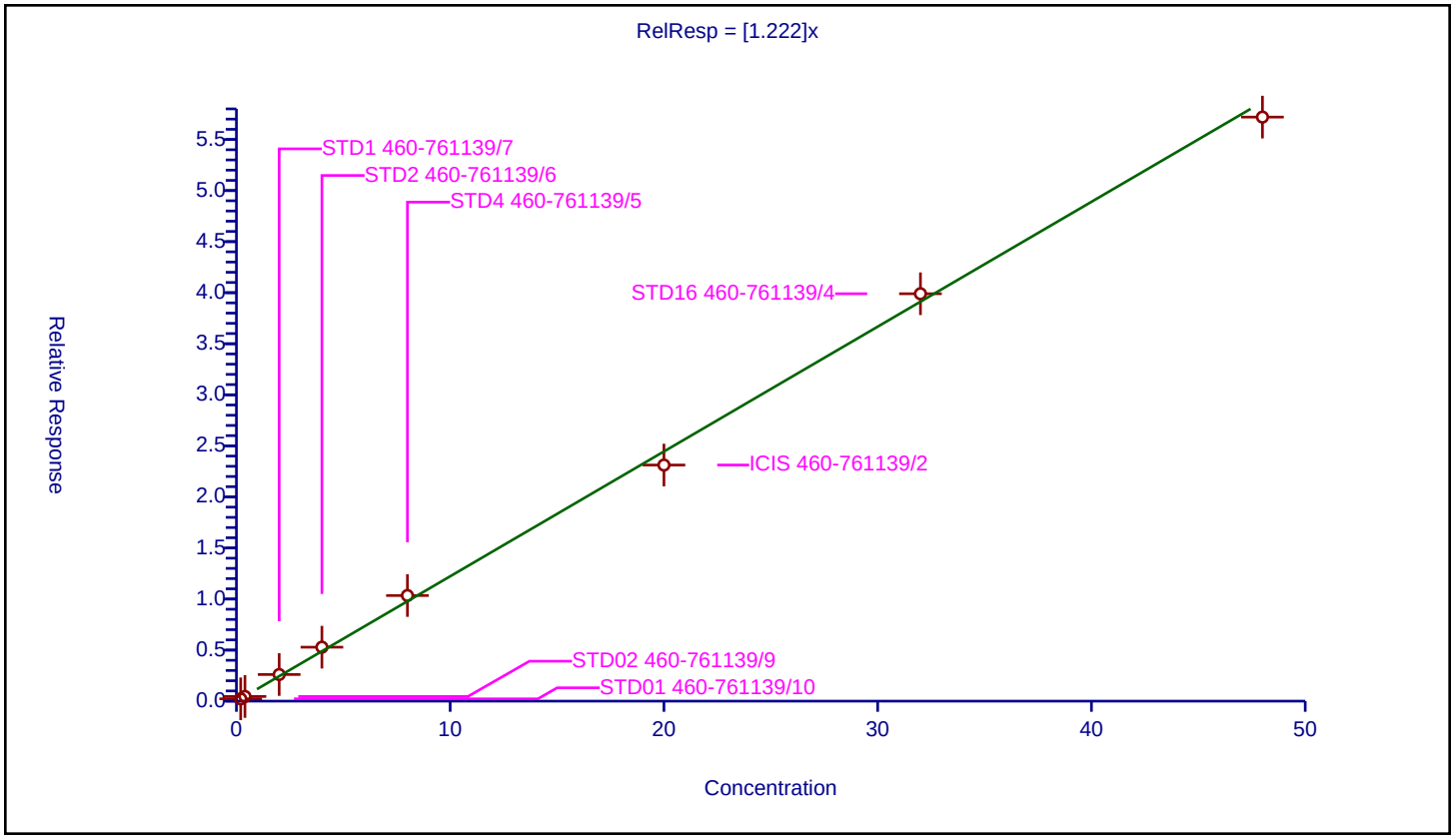
Curve Coefficients

Intercept:	0
Slope:	1.222

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	6.4
Correlation Coefficient:	0.966
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.2	0.225761	8.0	284938.0	1.128807	Y
2	STD02 460-761139/9	0.4	0.455773	8.0	259708.0	1.139434	Y
3	STD1 460-761139/7	2.0	2.606045	8.0	254826.0	1.303022	Y
4	STD2 460-761139/6	4.0	5.284174	8.0	270032.0	1.321043	Y
5	STD4 460-761139/5	8.0	10.34385	8.0	285875.0	1.292981	Y
6	ICIS 460-761139/2	20.0	23.121192	8.0	307653.0	1.15606	Y
7	STD16 460-761139/4	32.0	39.897823	8.0	343717.0	1.246807	Y
8	STD24 460-761139/3	48.0	57.195509	8.0	263486.0	1.191573	Y



Calibration / 2-Fluorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

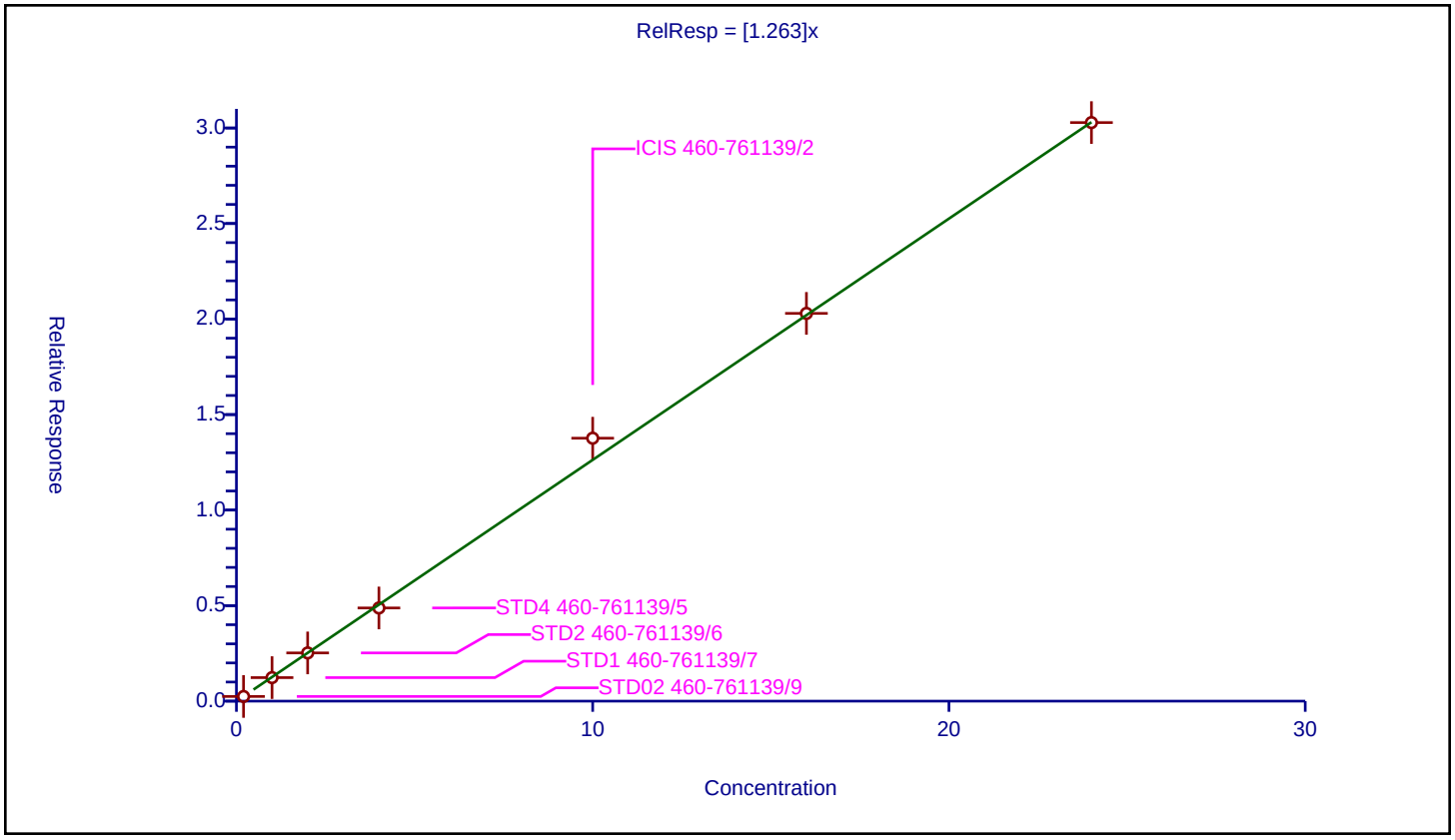
Curve Coefficients

Intercept:	0
Slope:	1.263

Error Coefficients

Standard Error:	588000
Relative Standard Error:	4.3
Correlation Coefficient:	0.967
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.243997	8.0	259708.0	1.219986	Y
2	STD1 460-761139/7	1.0	1.23146	8.0	254826.0	1.23146	Y
3	STD2 460-761139/6	2.0	2.523671	8.0	270032.0	1.261836	Y
4	STD4 460-761139/5	4.0	4.877013	8.0	285875.0	1.219253	Y
5	ICIS 460-761139/2	10.0	13.762622	8.0	307653.0	1.376262	Y
6	STD16 460-761139/4	16.0	20.295976	8.0	343717.0	1.268499	Y
7	STD24 460-761139/3	24.0	30.283567	8.0	263486.0	1.261815	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

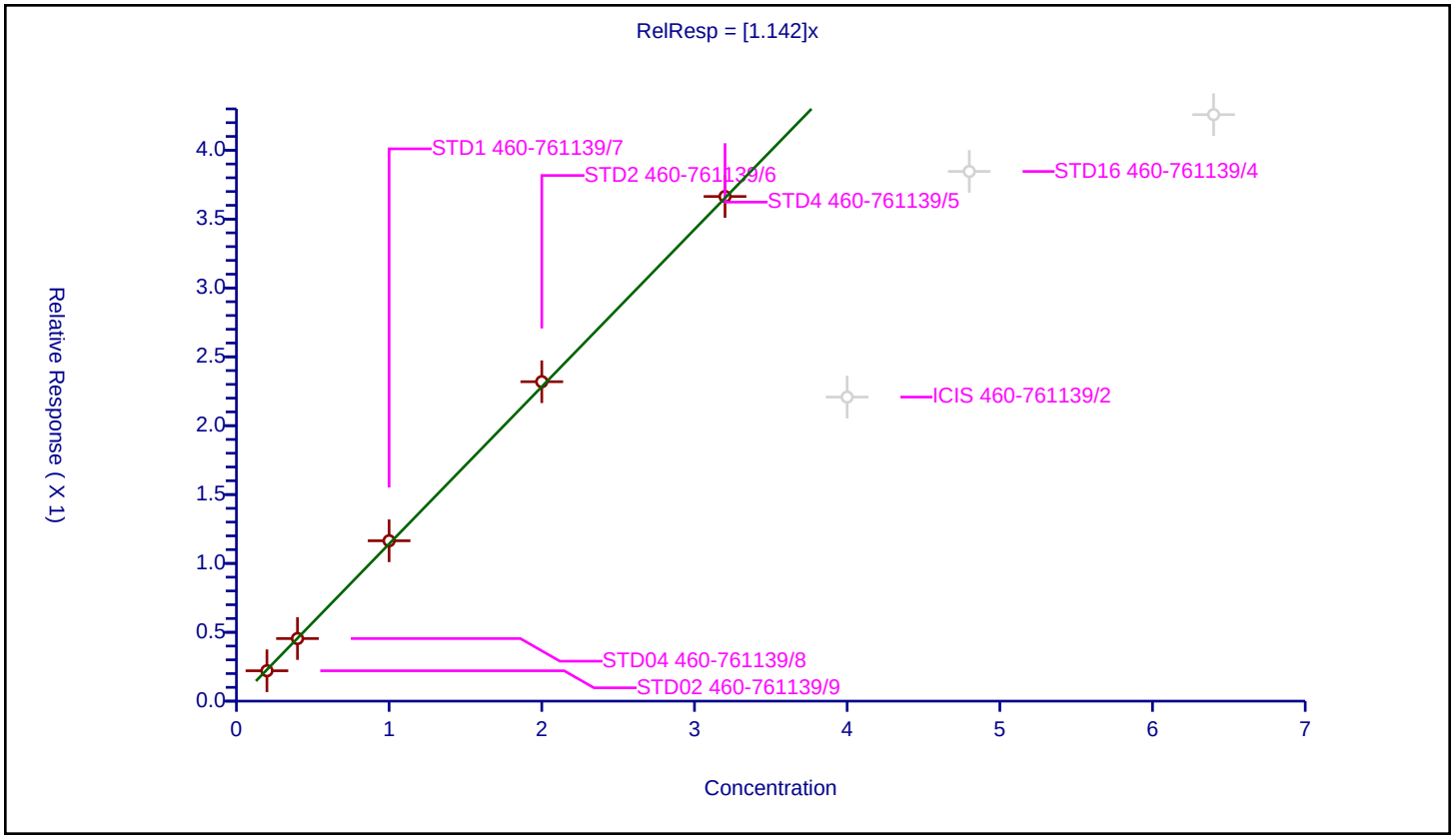
Curve Coefficients

Intercept:	0
Slope:	1.142

Error Coefficients

Standard Error:	79000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.220617	8.0	259708.0	1.103085	Y
2	STD04 460-761139/8	0.4	0.454407	8.0	290682.0	1.136018	Y
3	STD1 460-761139/7	1.0	1.16434	8.0	254826.0	1.16434	Y
4	STD2 460-761139/6	2.0	2.31931	8.0	270032.0	1.159655	Y
5	STD4 460-761139/5	3.2	3.663979	8.0	285875.0	1.144993	Y
6	ICIS 460-761139/2	4.0	2.207708	8.0	307653.0	0.551927	N
7	STD16 460-761139/4	4.8	3.845675	8.0	343717.0	0.801182	N
8	STD24 460-761139/3	6.4	4.258139	8.0	263486.0	0.665334	N



Calibration / Phenol-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

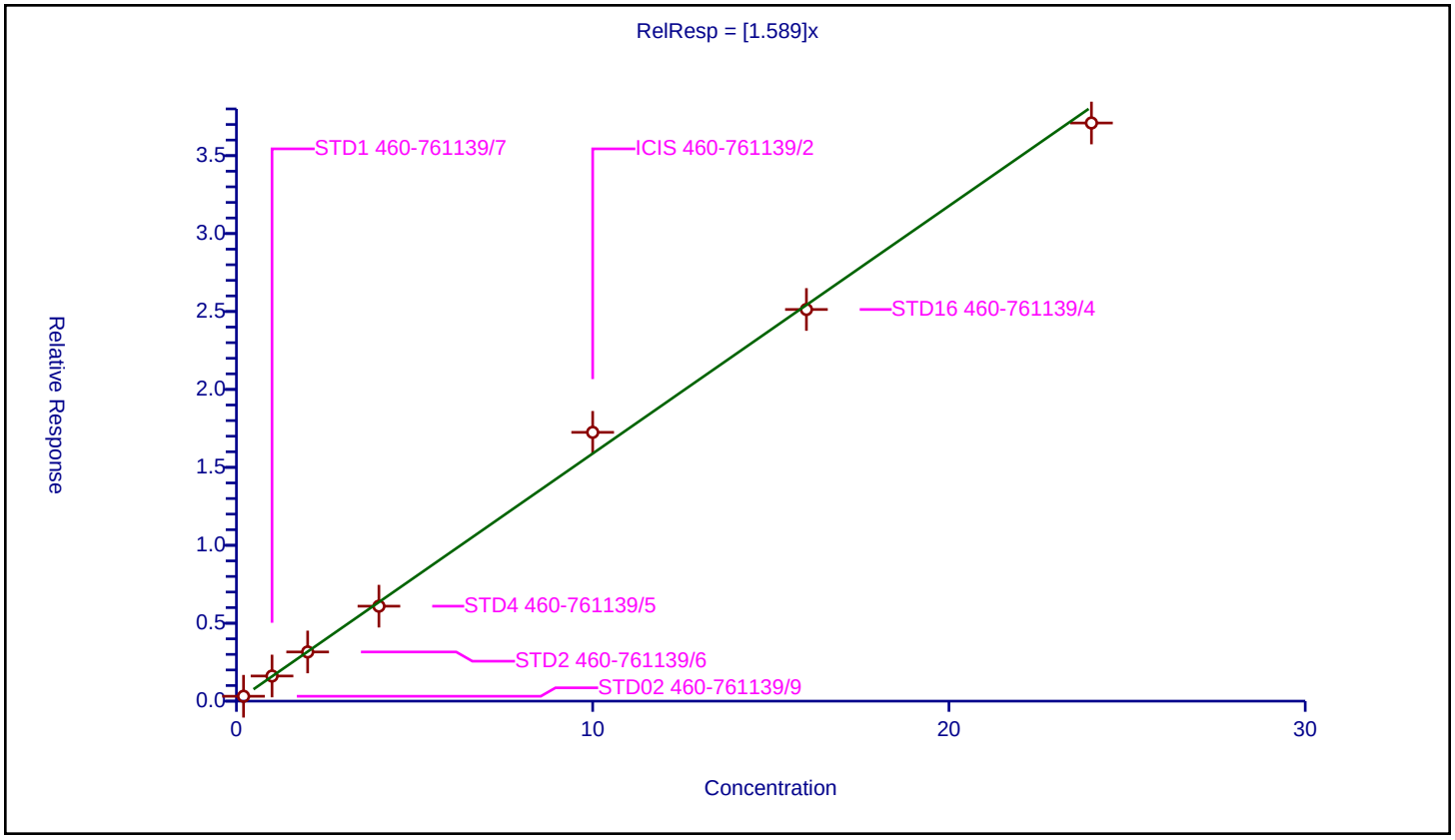
Curve Coefficients

Intercept:	0
Slope:	1.589

Error Coefficients

Standard Error:	726000
Relative Standard Error:	4.2
Correlation Coefficient:	0.964
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.313059	8.0	259708.0	1.565296	Y
2	STD1 460-761139/7	1.0	1.612457	8.0	254826.0	1.612457	Y
3	STD2 460-761139/6	2.0	3.155715	8.0	270032.0	1.577857	Y
4	STD4 460-761139/5	4.0	6.093041	8.0	285875.0	1.52326	Y
5	ICIS 460-761139/2	10.0	17.246573	8.0	307653.0	1.724657	Y
6	STD16 460-761139/4	16.0	25.129534	8.0	343717.0	1.570596	Y
7	STD24 460-761139/3	24.0	37.095739	8.0	263486.0	1.545656	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

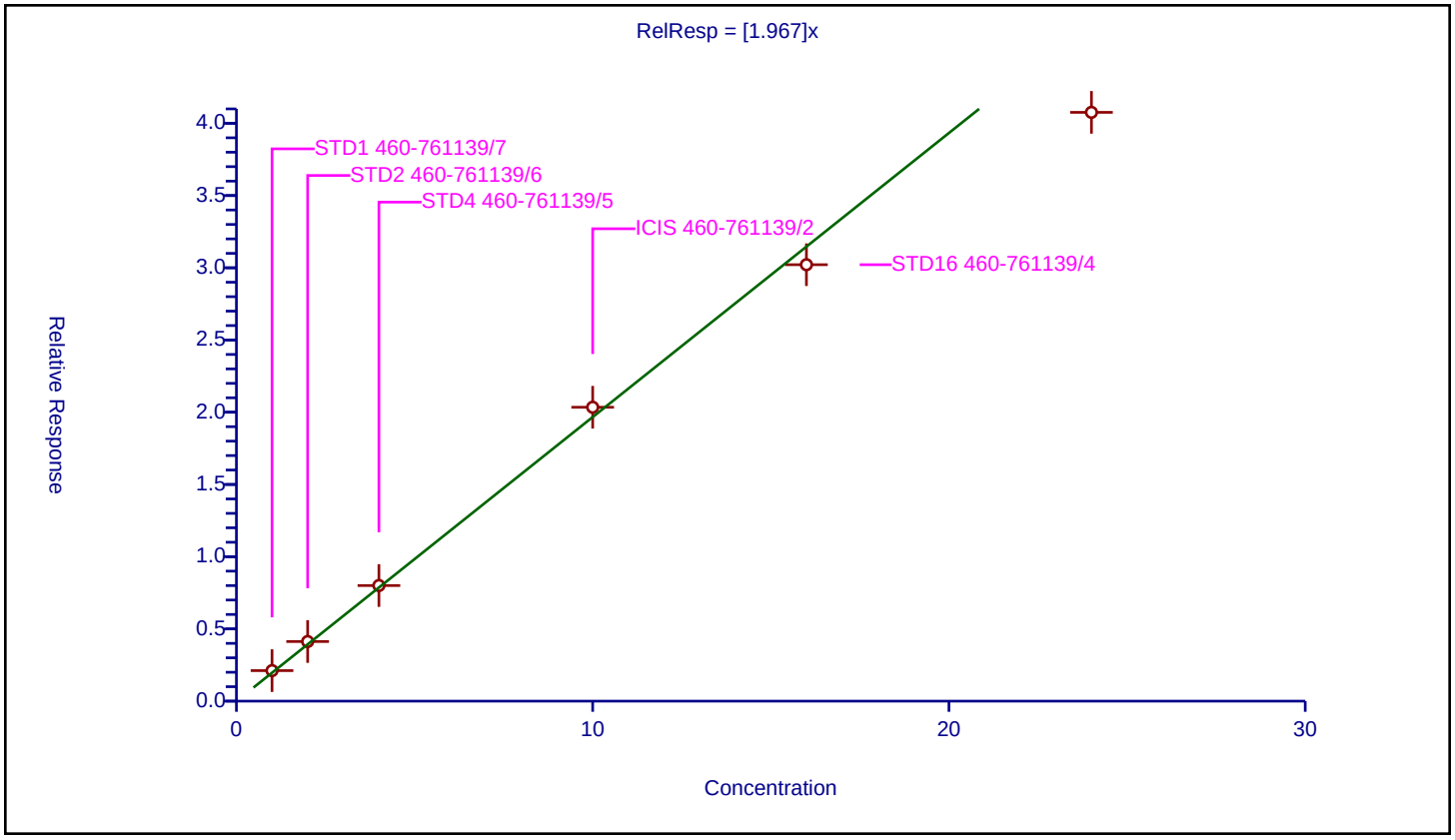
Curve Coefficients

Intercept:	0
Slope:	1.967

Error Coefficients

Standard Error:	917000
Relative Standard Error:	7.7
Correlation Coefficient:	0.928
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	2.114007	8.0	254826.0	2.114007	Y
2	STD2 460-761139/6	2.0	4.126741	8.0	270032.0	2.06337	Y
3	STD4 460-761139/5	4.0	8.003582	8.0	285875.0	2.000895	Y
4	ICIS 460-761139/2	10.0	20.346429	8.0	307653.0	2.034643	Y
5	STD16 460-761139/4	16.0	30.214135	8.0	343717.0	1.888383	Y
6	STD24 460-761139/3	24.0	40.759661	8.0	263486.0	1.698319	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

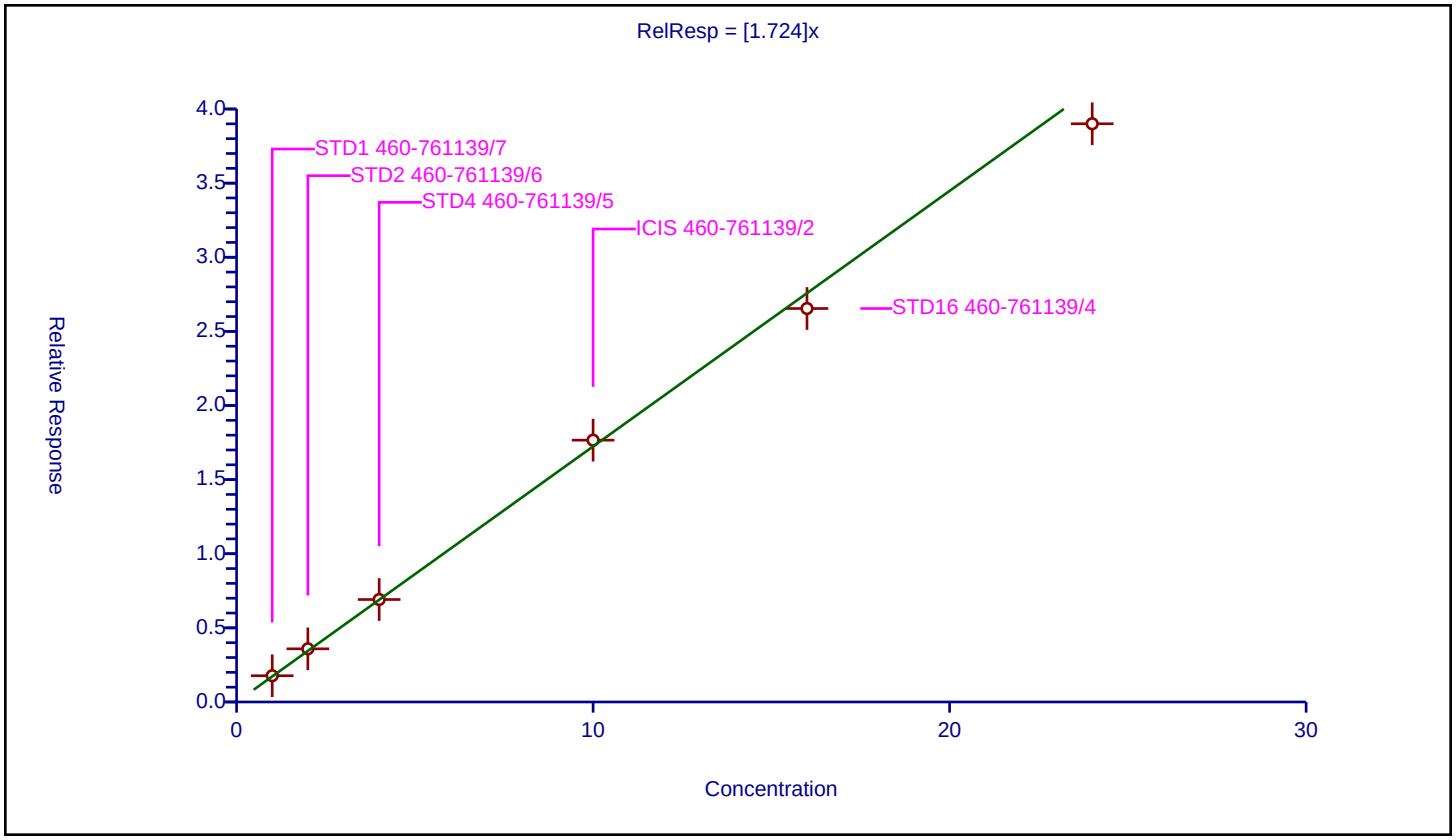
Curve Coefficients

Intercept:	0
Slope:	1.724

Error Coefficients

Standard Error:	836000
Relative Standard Error:	3.9
Correlation Coefficient:	0.959
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.770965	8.0	254826.0	1.770965	Y
2	STD2 460-761139/6	2.0	3.586864	8.0	270032.0	1.793432	Y
3	STD4 460-761139/5	4.0	6.911552	8.0	285875.0	1.727888	Y
4	ICIS 460-761139/2	10.0	17.661352	8.0	307653.0	1.766135	Y
5	STD16 460-761139/4	16.0	26.542138	8.0	343717.0	1.658884	Y
6	STD24 460-761139/3	24.0	39.005974	8.0	263486.0	1.625249	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

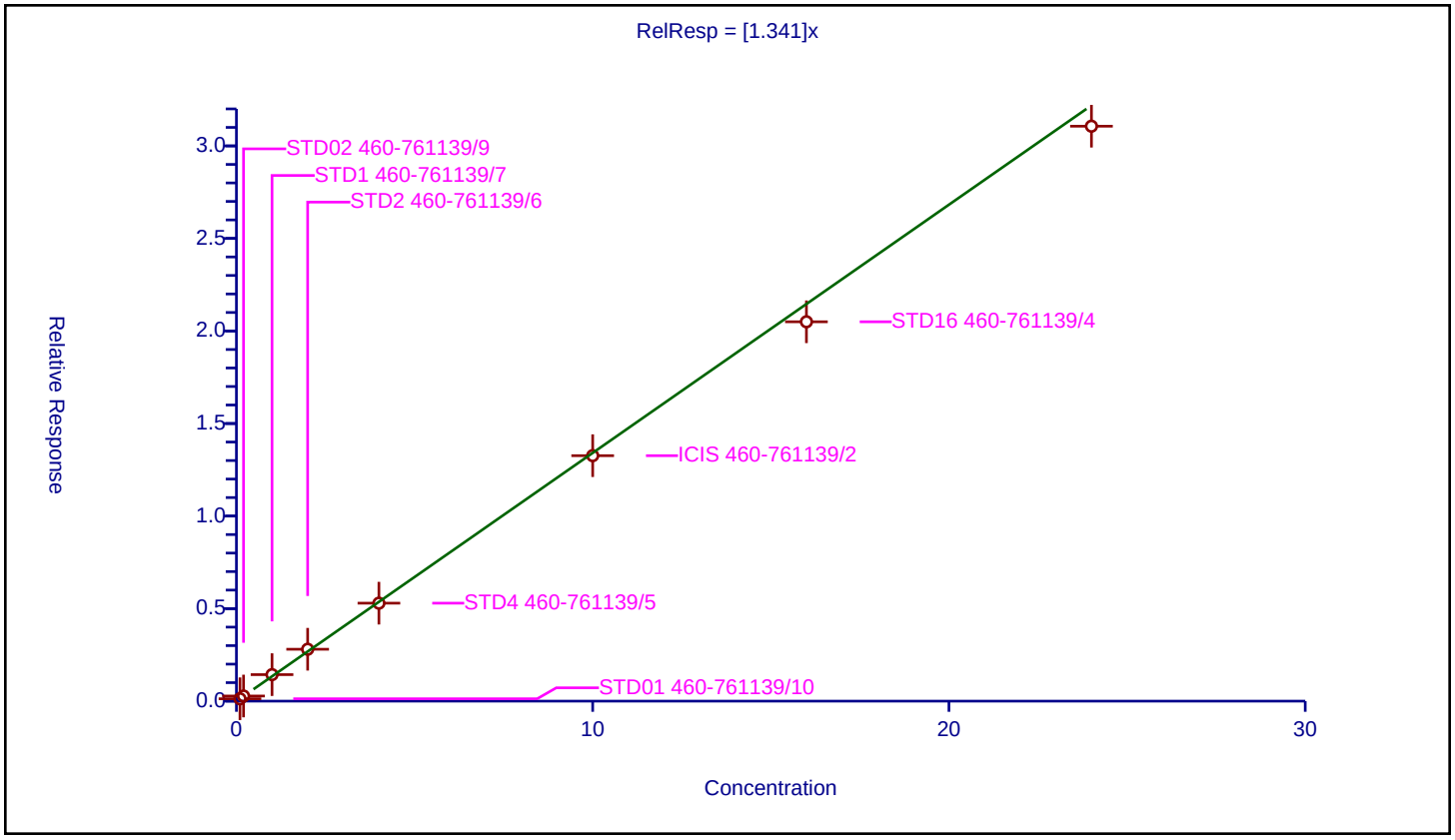
Curve Coefficients

Intercept:	0
Slope:	1.341

Error Coefficients

Standard Error:	552000
Relative Standard Error:	4.3
Correlation Coefficient:	0.976
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.128309	8.0	284938.0	1.283086	Y
2	STD02 460-761139/9	0.2	0.277327	8.0	259708.0	1.386634	Y
3	STD1 460-761139/7	1.0	1.432601	8.0	254826.0	1.432601	Y
4	STD2 460-761139/6	2.0	2.803668	8.0	270032.0	1.401834	Y
5	STD4 460-761139/5	4.0	5.293502	8.0	285875.0	1.323376	Y
6	ICIS 460-761139/2	10.0	13.26315	8.0	307653.0	1.326315	Y
7	STD16 460-761139/4	16.0	20.497793	8.0	343717.0	1.281112	Y
8	STD24 460-761139/3	24.0	31.064391	8.0	263486.0	1.29435	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

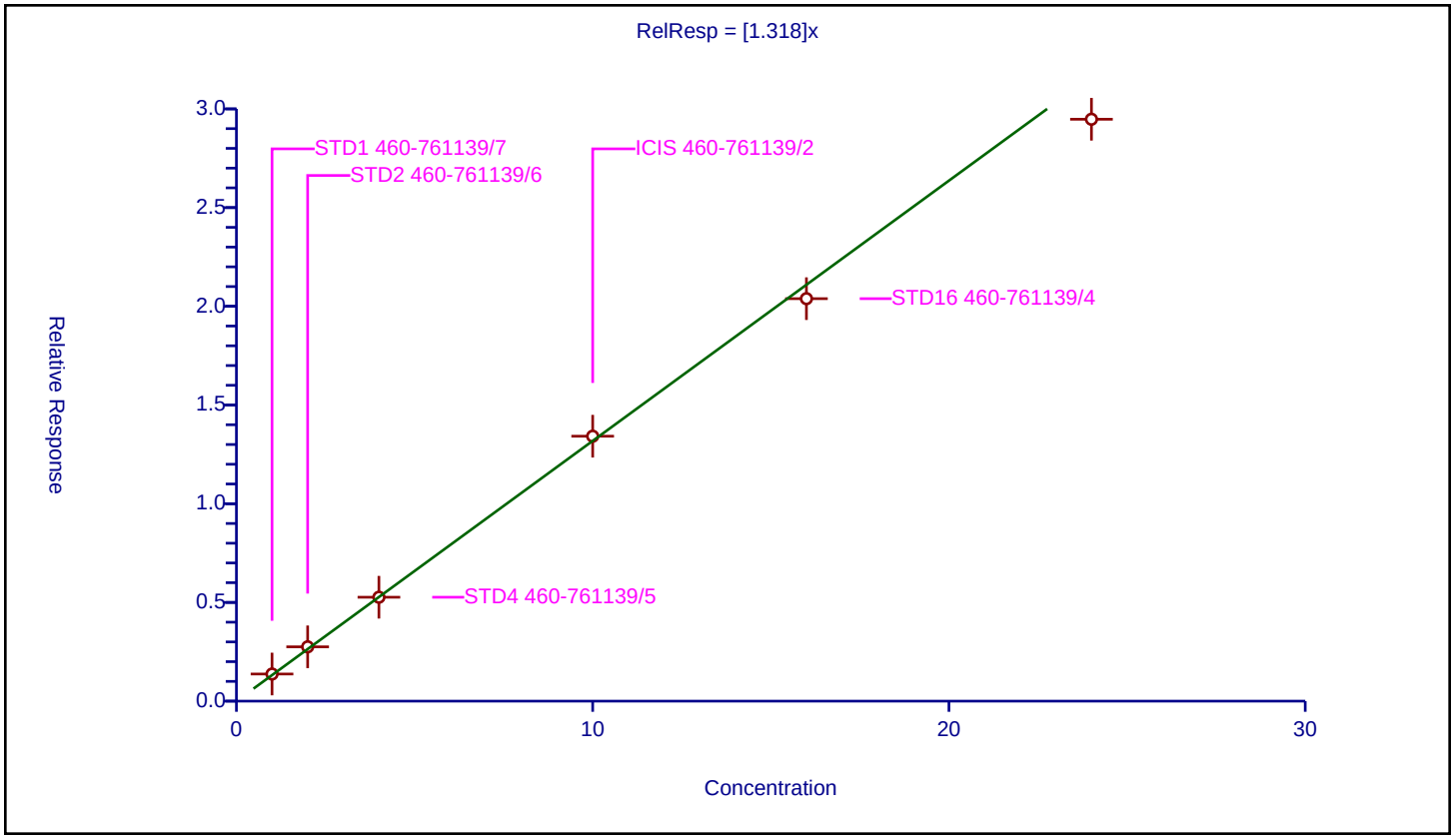
Curve Coefficients

Intercept:	0
Slope:	1.318

Error Coefficients

Standard Error:	636000
Relative Standard Error:	4.4
Correlation Coefficient:	0.954
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.37358	8.0	254826.0	1.37358	Y
2	STD2 460-761139/6	2.0	2.751289	8.0	270032.0	1.375644	Y
3	STD4 460-761139/5	4.0	5.263	8.0	285875.0	1.31575	Y
4	ICIS 460-761139/2	10.0	13.420366	8.0	307653.0	1.342037	Y
5	STD16 460-761139/4	16.0	20.387447	8.0	343717.0	1.274215	Y
6	STD24 460-761139/3	24.0	29.475782	8.0	263486.0	1.228158	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

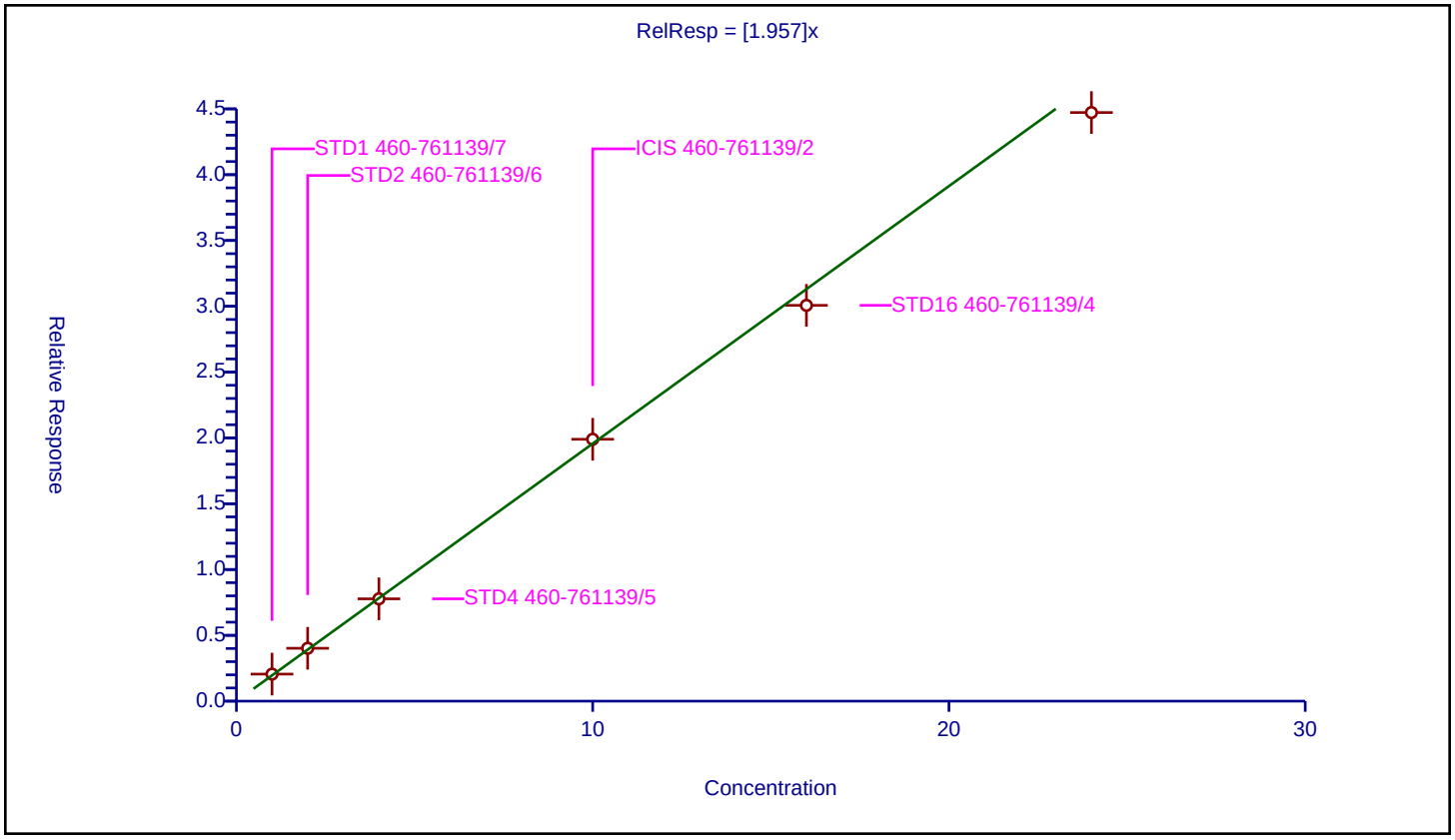
Curve Coefficients

Intercept:	0
Slope:	1.957

Error Coefficients

Standard Error:	951000
Relative Standard Error:	3.8
Correlation Coefficient:	0.963
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	2.054892	8.0	254826.0	2.054892	Y
2	STD2 460-761139/6	2.0	4.017272	8.0	270032.0	2.008636	Y
3	STD4 460-761139/5	4.0	7.773104	8.0	285875.0	1.943276	Y
4	ICIS 460-761139/2	10.0	19.897274	8.0	307653.0	1.989727	Y
5	STD16 460-761139/4	16.0	30.072251	8.0	343717.0	1.879516	Y
6	STD24 460-761139/3	24.0	44.721921	8.0	263486.0	1.863413	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

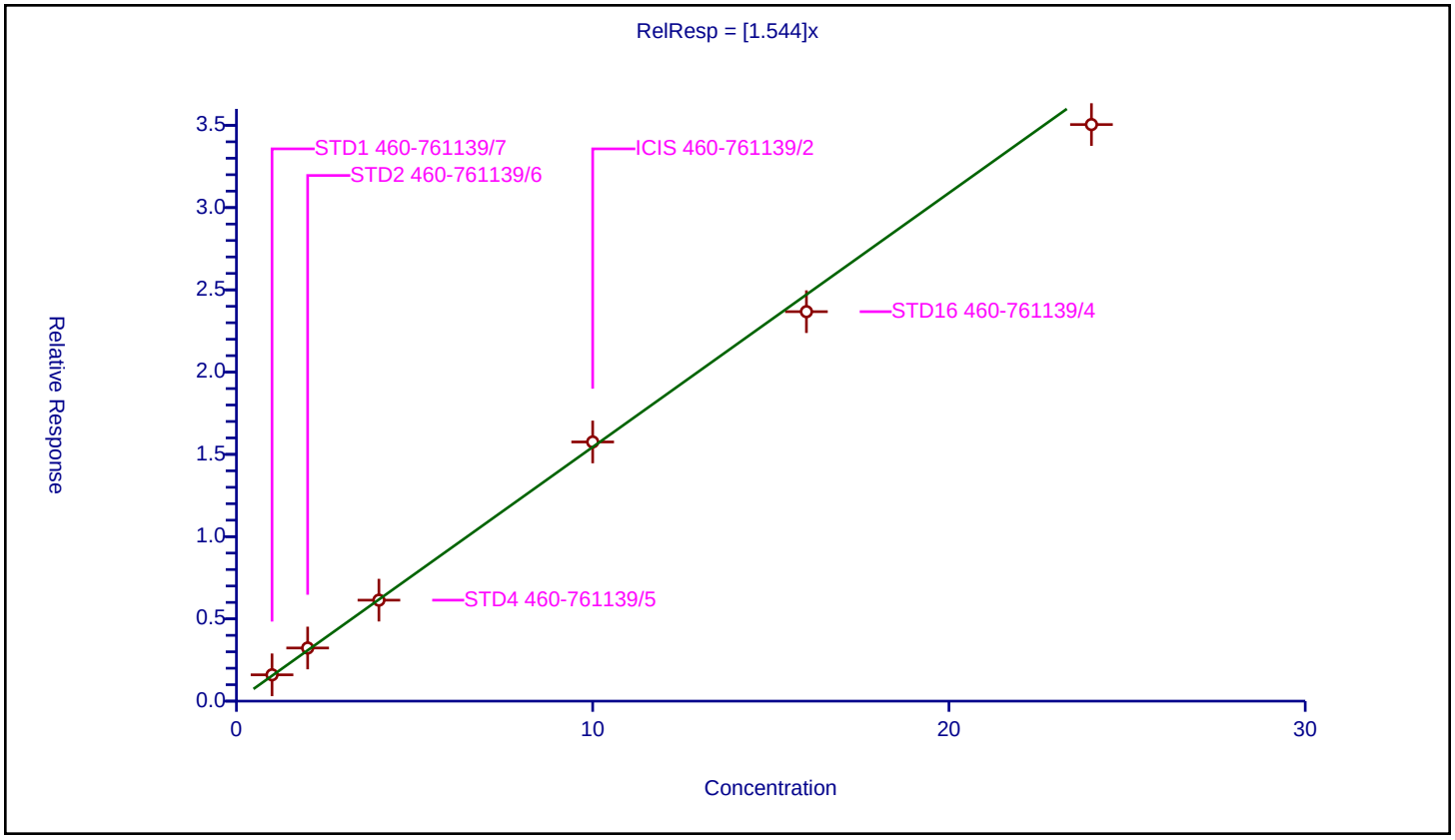
Curve Coefficients

Intercept:	0
Slope:	1.544

Error Coefficients

Standard Error:	748000
Relative Standard Error:	4.2
Correlation Coefficient:	0.961
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.601093	8.0	254826.0	1.601093	Y
2	STD2 460-761139/6	2.0	3.230936	8.0	270032.0	1.615468	Y
3	STD4 460-761139/5	4.0	6.139047	8.0	285875.0	1.534762	Y
4	ICIS 460-761139/2	10.0	15.754919	8.0	307653.0	1.575492	Y
5	STD16 460-761139/4	16.0	23.674919	8.0	343717.0	1.479682	Y
6	STD24 460-761139/3	24.0	35.048693	8.0	263486.0	1.460362	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

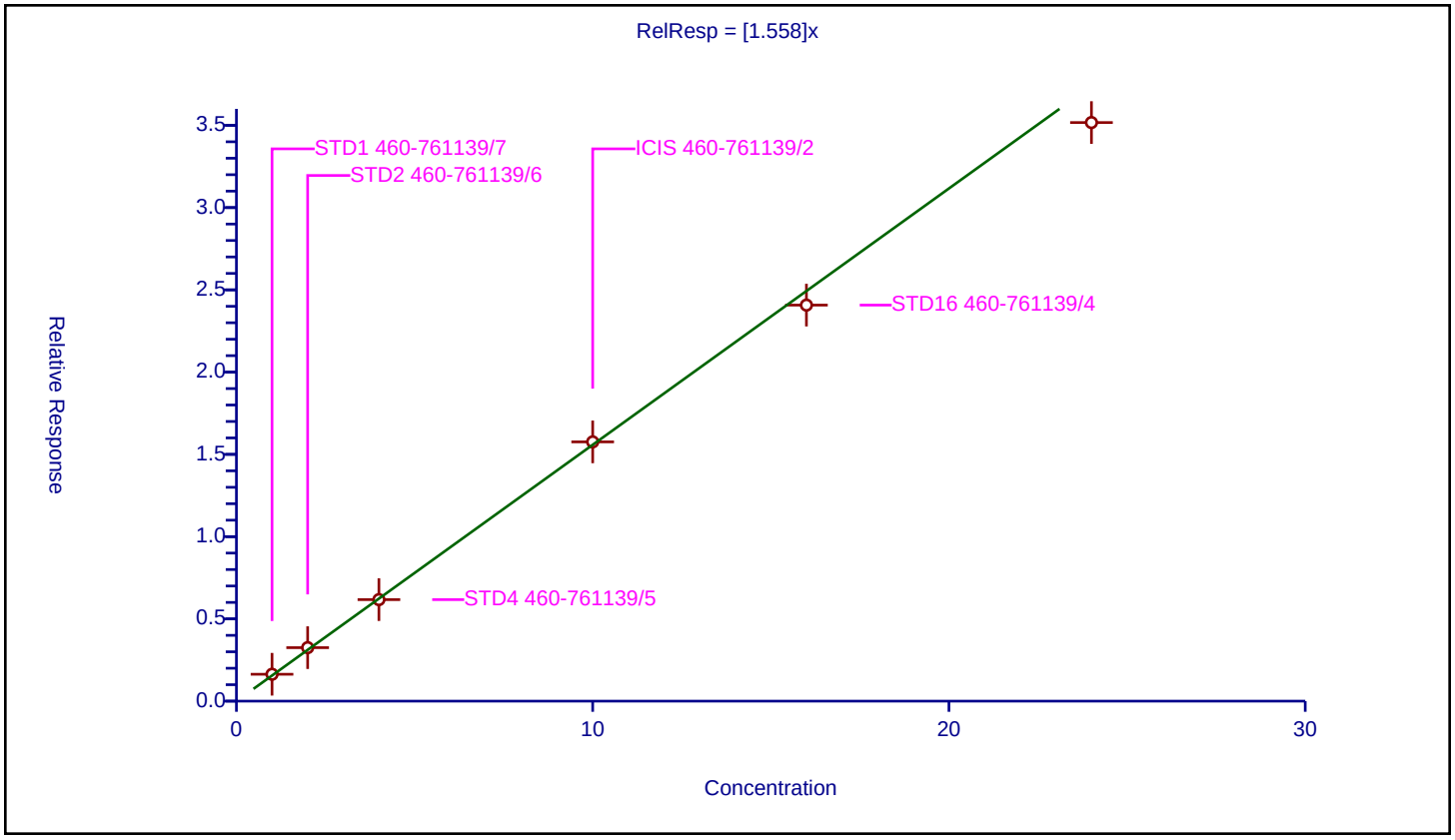
Curve Coefficients

Intercept:	0
Slope:	1.558

Error Coefficients

Standard Error:	754000
Relative Standard Error:	4.3
Correlation Coefficient:	0.958
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.634276	8.0	254826.0	1.634276	Y
2	STD2 460-761139/6	2.0	3.252326	8.0	270032.0	1.626163	Y
3	STD4 460-761139/5	4.0	6.170193	8.0	285875.0	1.542548	Y
4	ICIS 460-761139/2	10.0	15.759183	8.0	307653.0	1.575918	Y
5	STD16 460-761139/4	16.0	24.073246	8.0	343717.0	1.504578	Y
6	STD24 460-761139/3	24.0	35.169747	8.0	263486.0	1.465406	Y



Calibration / Benzyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

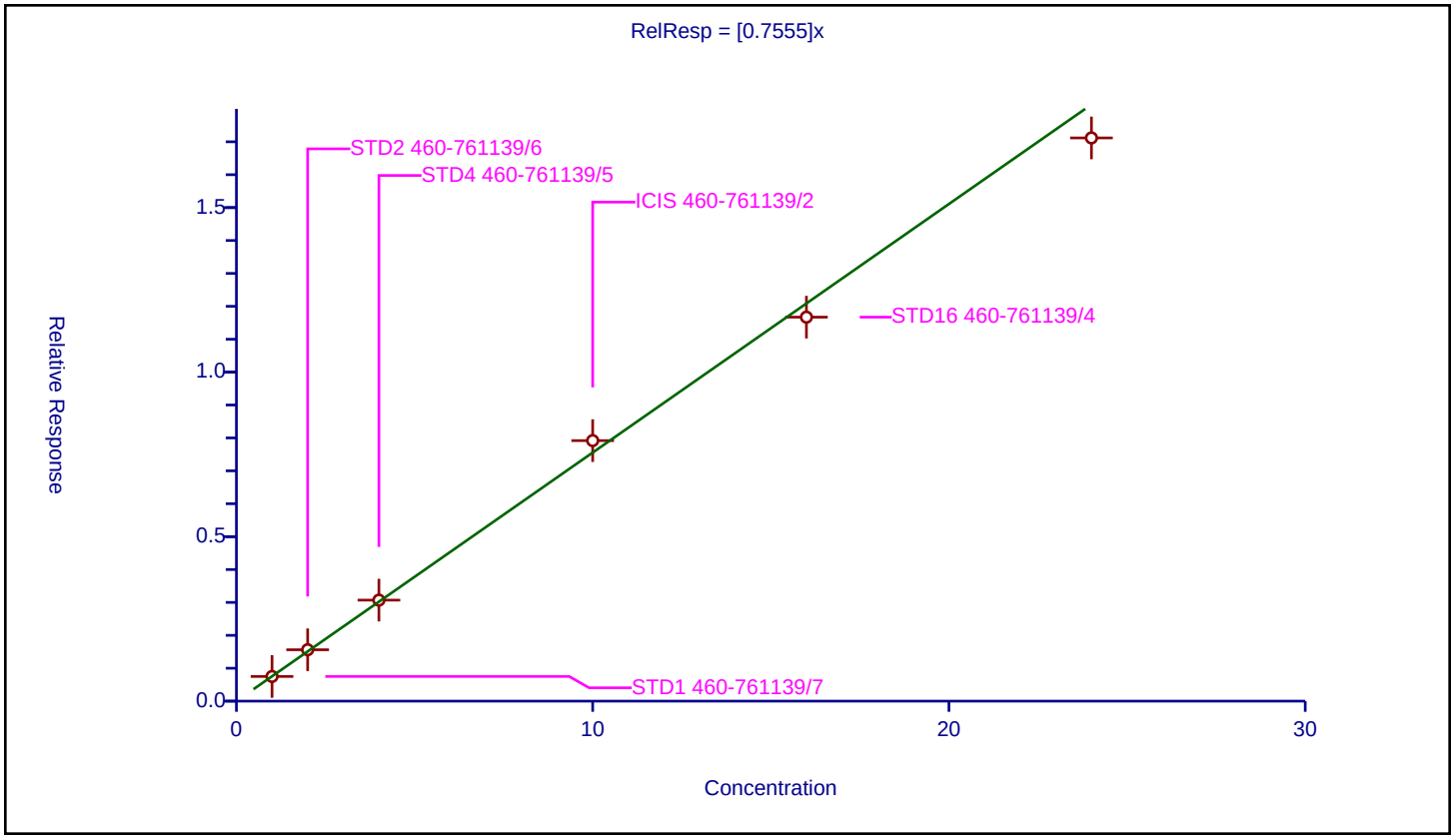
Curve Coefficients

Intercept:	0
Slope:	0.7555

Error Coefficients

Standard Error:	368000
Relative Standard Error:	4.0
Correlation Coefficient:	0.957
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.75019	8.0	254826.0	0.75019	Y
2	STD2 460-761139/6	2.0	1.561859	8.0	270032.0	0.78093	Y
3	STD4 460-761139/5	4.0	3.069957	8.0	285875.0	0.767489	Y
4	ICIS 460-761139/2	10.0	7.91796	8.0	307653.0	0.791796	Y
5	STD16 460-761139/4	16.0	11.670927	8.0	343717.0	0.729433	Y
6	STD24 460-761139/3	24.0	17.117722	8.0	263486.0	0.713238	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

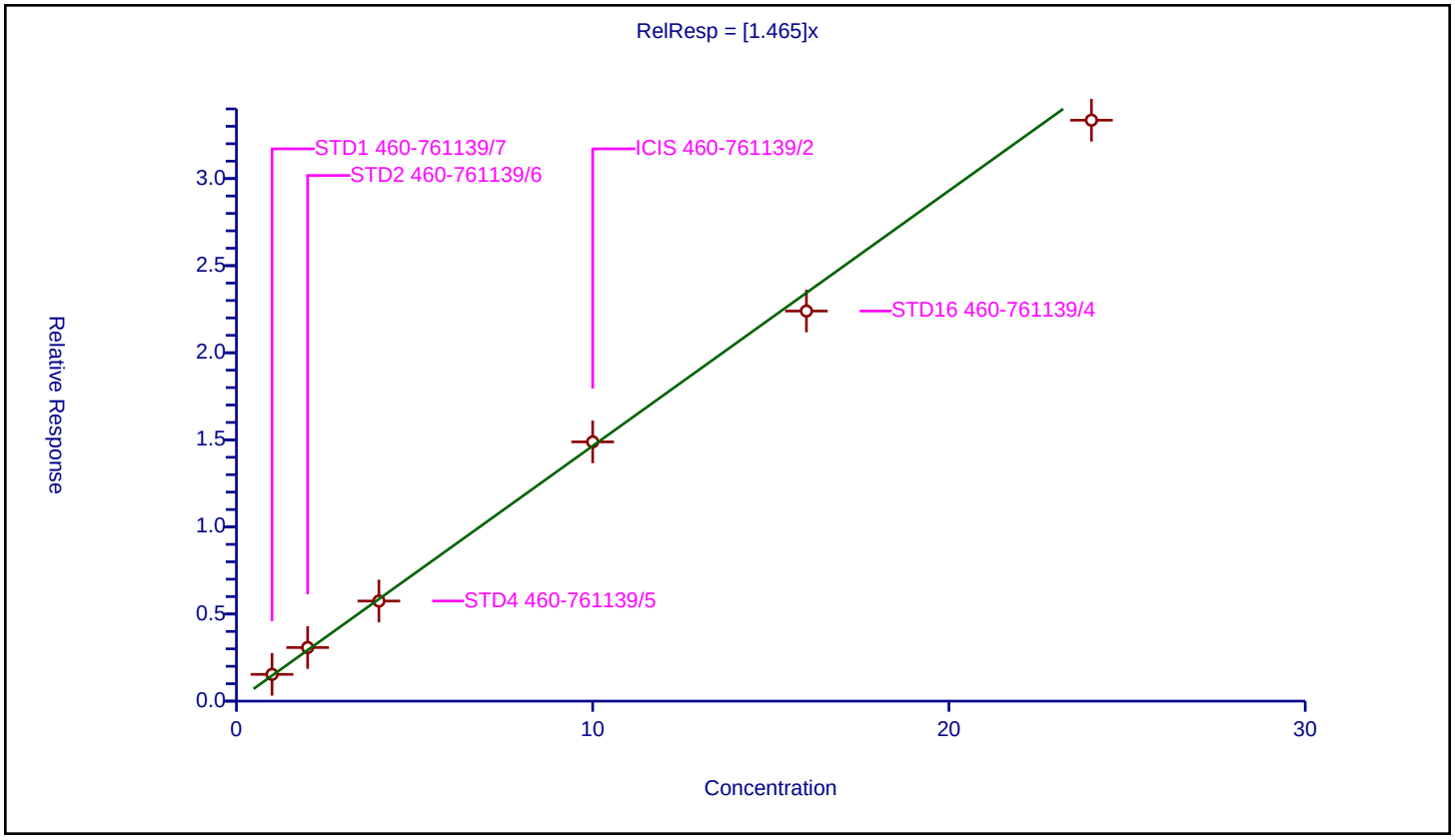
Curve Coefficients

Intercept:	0
Slope:	1.465

Error Coefficients

Standard Error:	709000
Relative Standard Error:	4.5
Correlation Coefficient:	0.963
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.537206	8.0	254826.0	1.537206	Y
2	STD2 460-761139/6	2.0	3.077058	8.0	270032.0	1.538529	Y
3	STD4 460-761139/5	4.0	5.746512	8.0	285875.0	1.436628	Y
4	ICIS 460-761139/2	10.0	14.883807	8.0	307653.0	1.488381	Y
5	STD16 460-761139/4	16.0	22.396169	8.0	343717.0	1.399761	Y
6	STD24 460-761139/3	24.0	33.351905	8.0	263486.0	1.389663	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

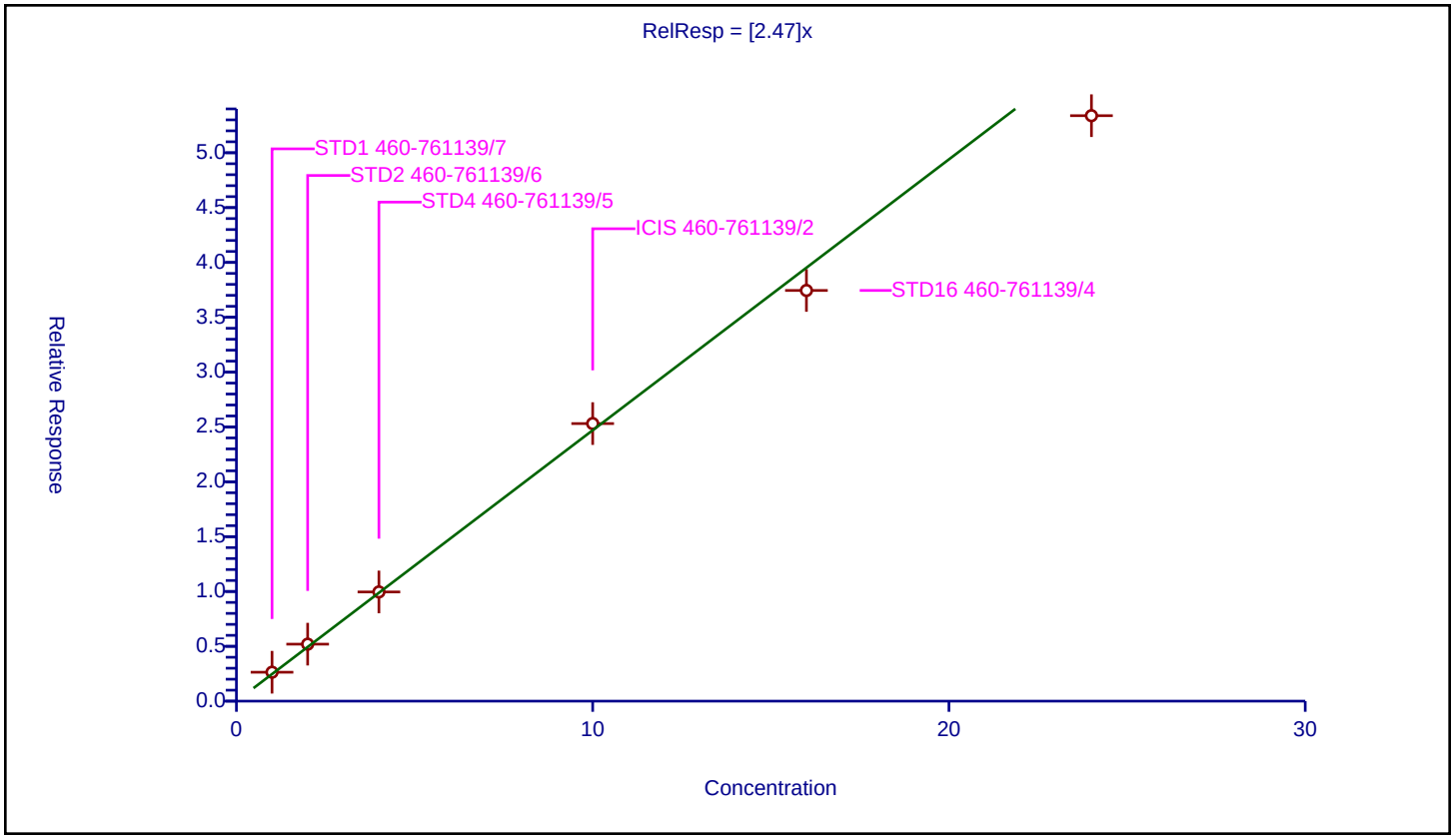
Curve Coefficients

Intercept:	0
Slope:	2.47

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	6.4
Correlation Coefficient:	0.948
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	2.637219	8.0	254826.0	2.637219	Y
2	STD2 460-761139/6	2.0	5.194792	8.0	270032.0	2.597396	Y
3	STD4 460-761139/5	4.0	9.956603	8.0	285875.0	2.489151	Y
4	ICIS 460-761139/2	10.0	25.307915	8.0	307653.0	2.530792	Y
5	STD16 460-761139/4	16.0	37.444735	8.0	343717.0	2.340296	Y
6	STD24 460-761139/3	24.0	53.381083	8.0	263486.0	2.224212	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

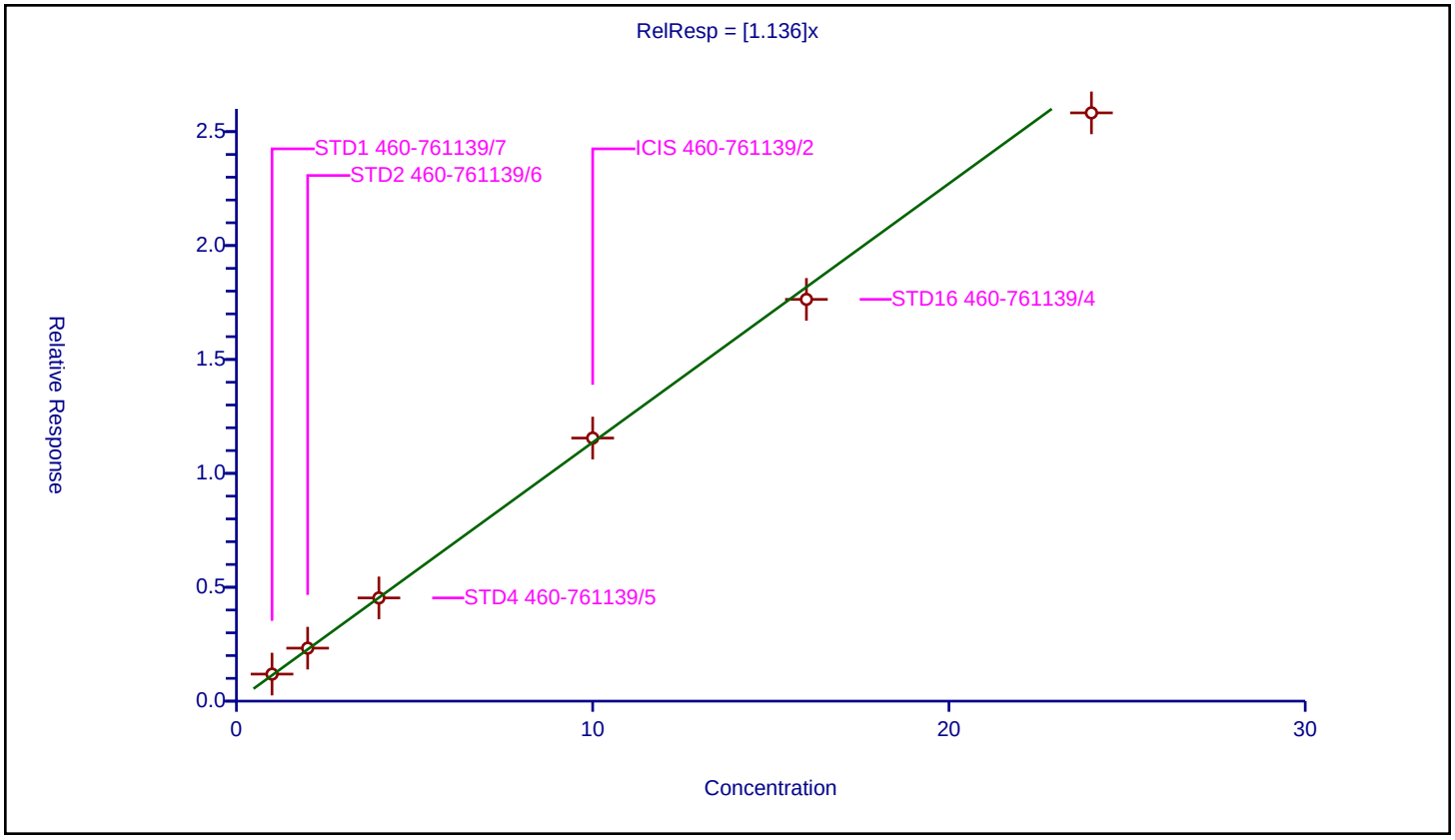
Curve Coefficients

Intercept:	0
Slope:	1.136

Error Coefficients

Standard Error:	553000
Relative Standard Error:	3.6
Correlation Coefficient:	0.958
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.186912	8.0	254826.0	1.186912	Y
2	STD2 460-761139/6	2.0	2.326154	8.0	270032.0	1.163077	Y
3	STD4 460-761139/5	4.0	4.531267	8.0	285875.0	1.132817	Y
4	ICIS 460-761139/2	10.0	11.549323	8.0	307653.0	1.154932	Y
5	STD16 460-761139/4	16.0	17.638045	8.0	343717.0	1.102378	Y
6	STD24 460-761139/3	24.0	25.825767	8.0	263486.0	1.076074	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

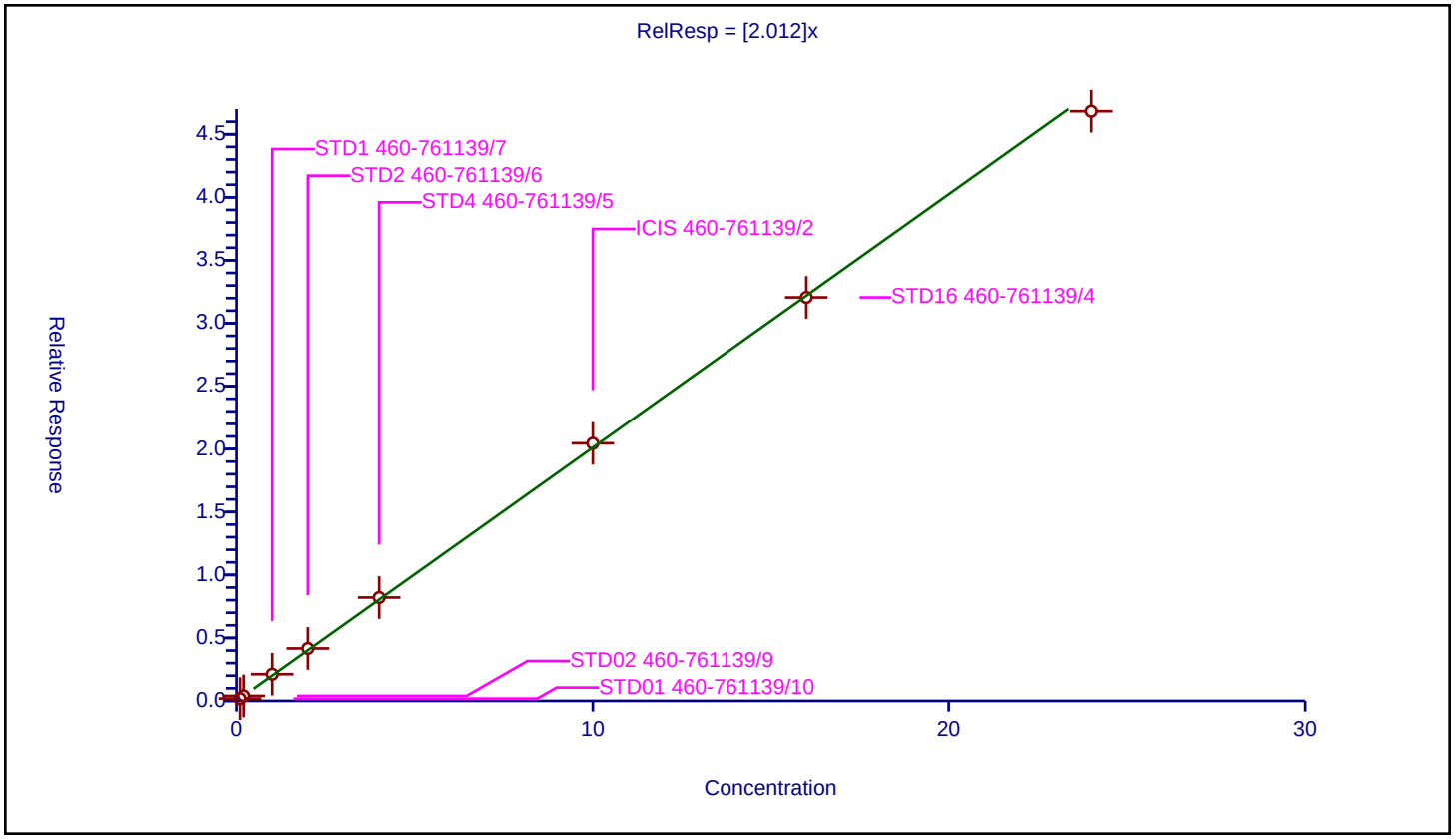
Curve Coefficients

Intercept:	0
Slope:	2.012

Error Coefficients

Standard Error:	846000
Relative Standard Error:	4.3
Correlation Coefficient:	0.969
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.184433	8.0	284938.0	1.844331	Y
2	STD02 460-761139/9	0.2	0.399279	8.0	259708.0	1.996396	Y
3	STD1 460-761139/7	1.0	2.119219	8.0	254826.0	2.119219	Y
4	STD2 460-761139/6	2.0	4.165847	8.0	270032.0	2.082924	Y
5	STD4 460-761139/5	4.0	8.209266	8.0	285875.0	2.052317	Y
6	ICIS 460-761139/2	10.0	20.458972	8.0	307653.0	2.045897	Y
7	STD16 460-761139/4	16.0	32.053765	8.0	343717.0	2.00336	Y
8	STD24 460-761139/3	24.0	46.829023	8.0	263486.0	1.951209	Y



Calibration / Acetophenone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

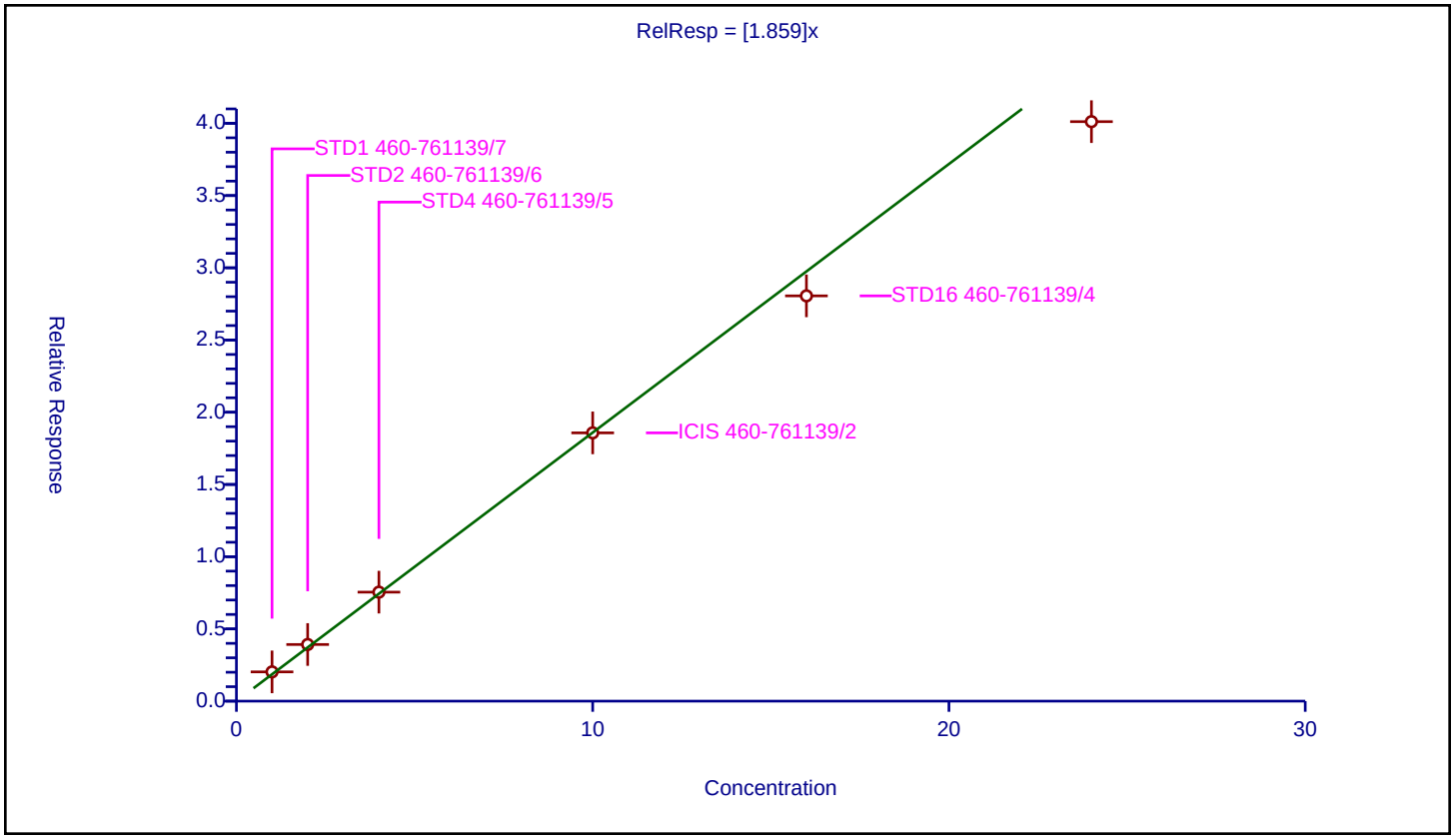
Curve Coefficients

Intercept:	0
Slope:	1.859

Error Coefficients

Standard Error:	872000
Relative Standard Error:	7.0
Correlation Coefficient:	0.951
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	2.026073	8.0	254826.0	2.026073	Y
2	STD2 460-761139/6	2.0	3.921283	8.0	270032.0	1.960642	Y
3	STD4 460-761139/5	4.0	7.545815	8.0	285875.0	1.886454	Y
4	ICIS 460-761139/2	10.0	18.572483	8.0	307653.0	1.857248	Y
5	STD16 460-761139/4	16.0	28.055895	8.0	343717.0	1.753493	Y
6	STD24 460-761139/3	24.0	40.116317	8.0	263486.0	1.671513	Y



Calibration / N-Nitrosodi-n-propylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

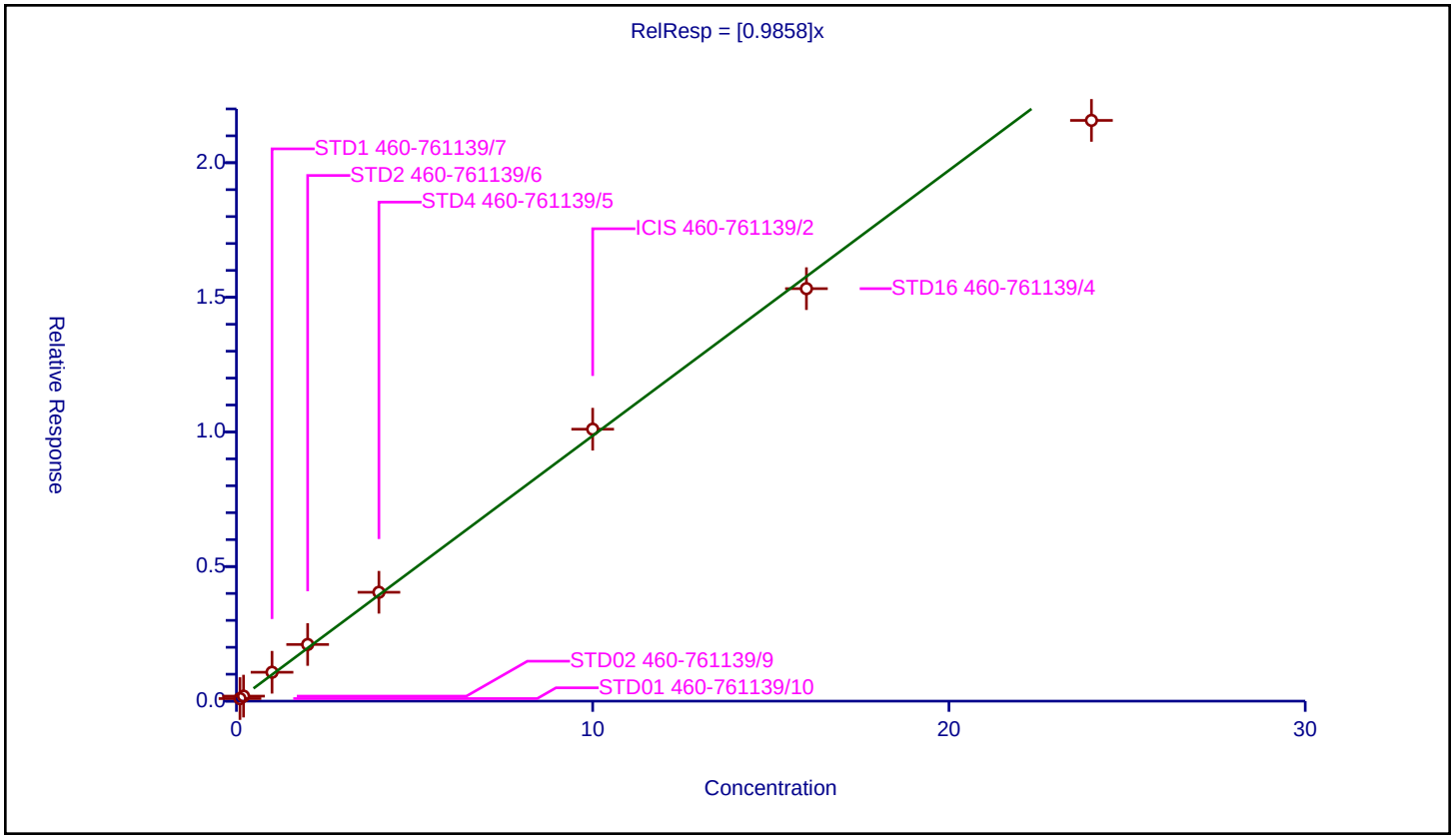
Curve Coefficients

Intercept:	0
Slope:	0.9858

Error Coefficients

Standard Error:	399000
Relative Standard Error:	6.2
Correlation Coefficient:	0.959
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.095094	8.0	284938.0	0.950944	Y
2	STD02 460-761139/9	0.2	0.186456	8.0	259708.0	0.932278	Y
3	STD1 460-761139/7	1.0	1.073423	8.0	254826.0	1.073423	Y
4	STD2 460-761139/6	2.0	2.10461	8.0	270032.0	1.052305	Y
5	STD4 460-761139/5	4.0	4.043641	8.0	285875.0	1.01091	Y
6	ICIS 460-761139/2	10.0	10.101432	8.0	307653.0	1.010143	Y
7	STD16 460-761139/4	16.0	15.322931	8.0	343717.0	0.957683	Y
8	STD24 460-761139/3	24.0	21.57282	8.0	263486.0	0.898867	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

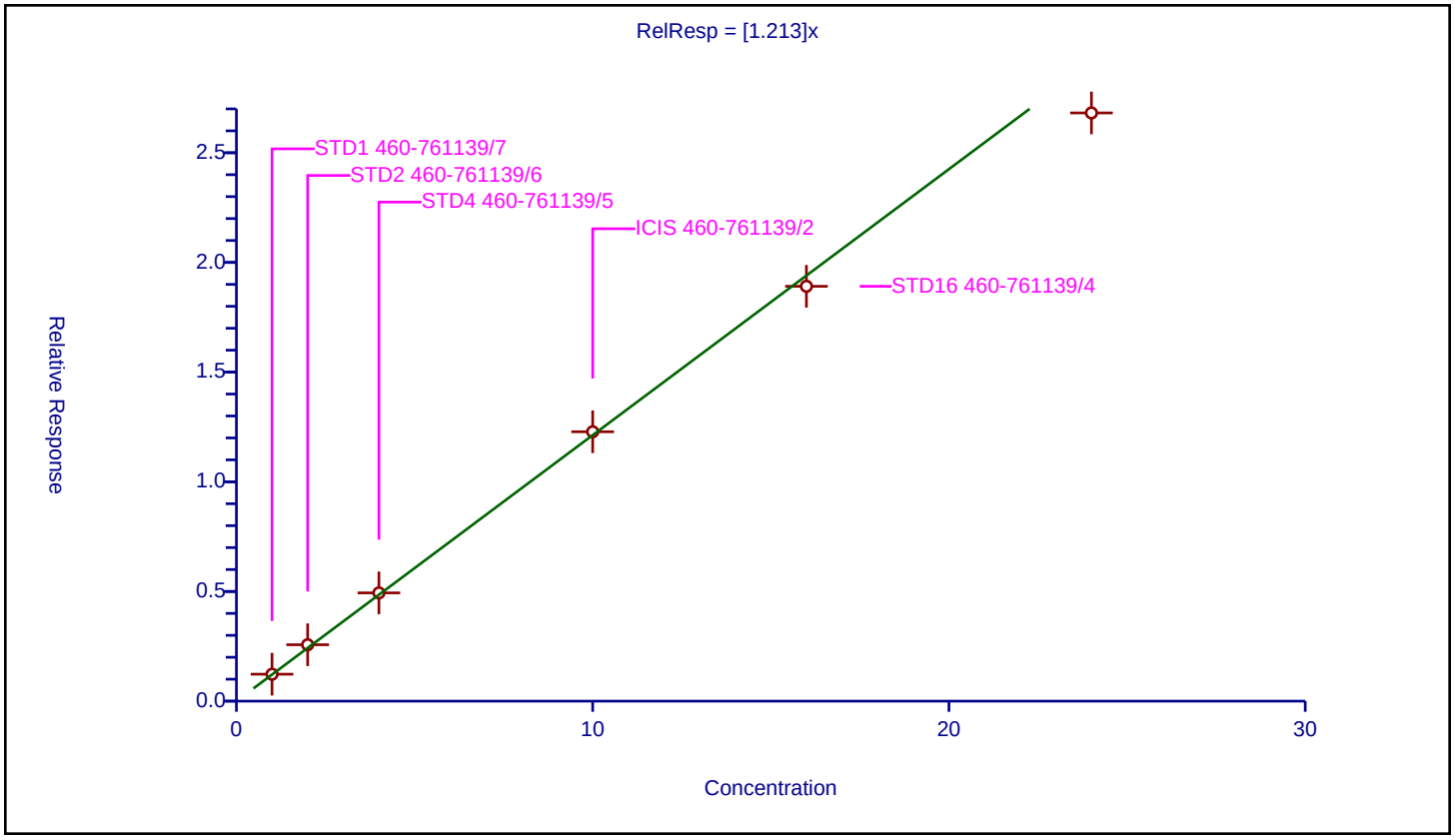
Curve Coefficients

Intercept:	0
Slope:	1.213

Error Coefficients

Standard Error:	584000
Relative Standard Error:	4.7
Correlation Coefficient:	0.949
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.22876	8.0	254826.0	1.22876	Y
2	STD2 460-761139/6	2.0	2.571547	8.0	270032.0	1.285774	Y
3	STD4 460-761139/5	4.0	4.935668	8.0	285875.0	1.233917	Y
4	ICIS 460-761139/2	10.0	12.280745	8.0	307653.0	1.228074	Y
5	STD16 460-761139/4	16.0	18.912536	8.0	343717.0	1.182033	Y
6	STD24 460-761139/3	24.0	26.815239	8.0	263486.0	1.117302	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

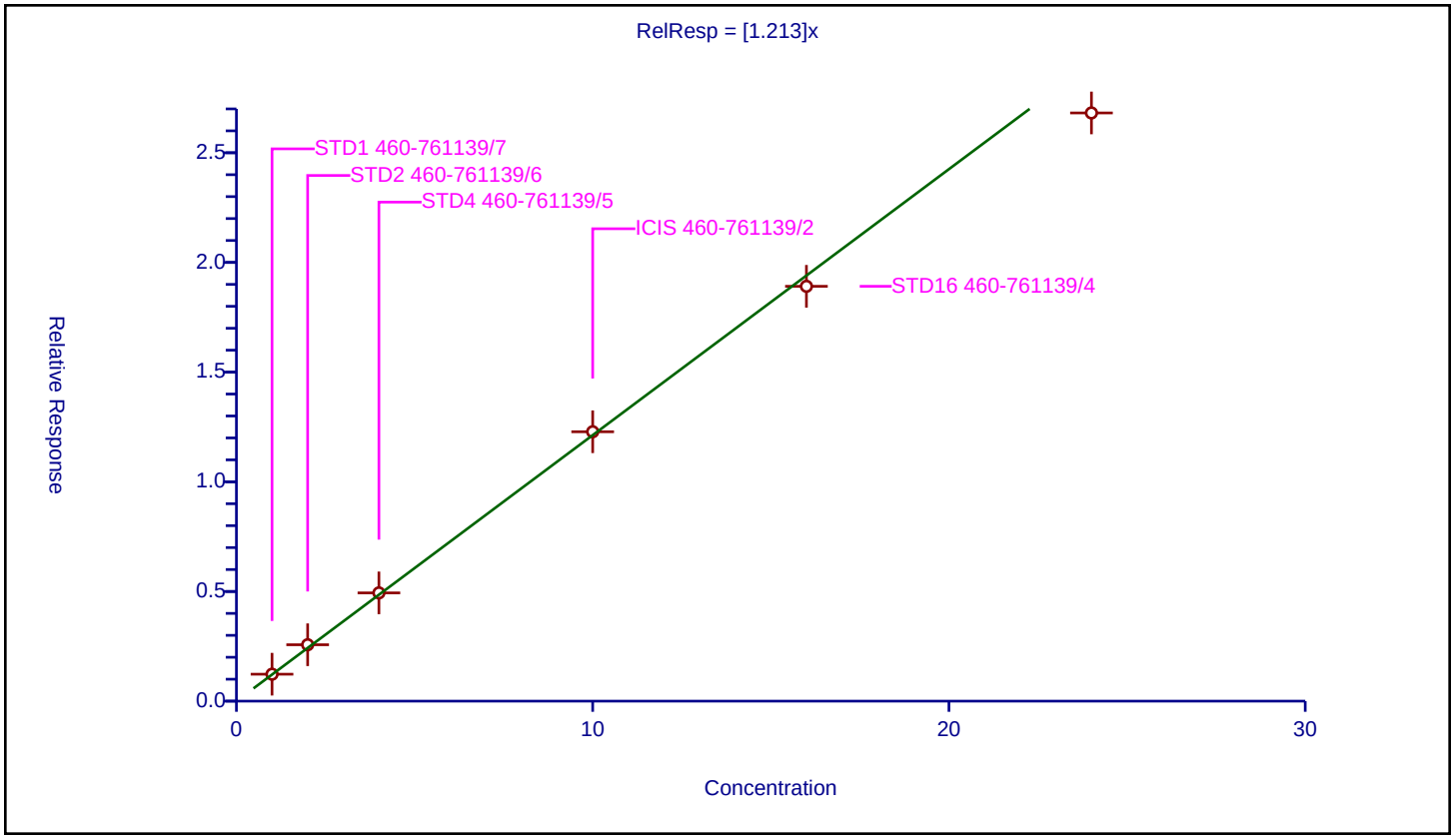
Curve Coefficients

Intercept:	0
Slope:	1.213

Error Coefficients

Standard Error:	584000
Relative Standard Error:	4.7
Correlation Coefficient:	0.949
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.22876	8.0	254826.0	1.22876	Y
2	STD2 460-761139/6	2.0	2.571547	8.0	270032.0	1.285774	Y
3	STD4 460-761139/5	4.0	4.935668	8.0	285875.0	1.233917	Y
4	ICIS 460-761139/2	10.0	12.280745	8.0	307653.0	1.228074	Y
5	STD16 460-761139/4	16.0	18.912536	8.0	343717.0	1.182033	Y
6	STD24 460-761139/3	24.0	26.815239	8.0	263486.0	1.117302	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

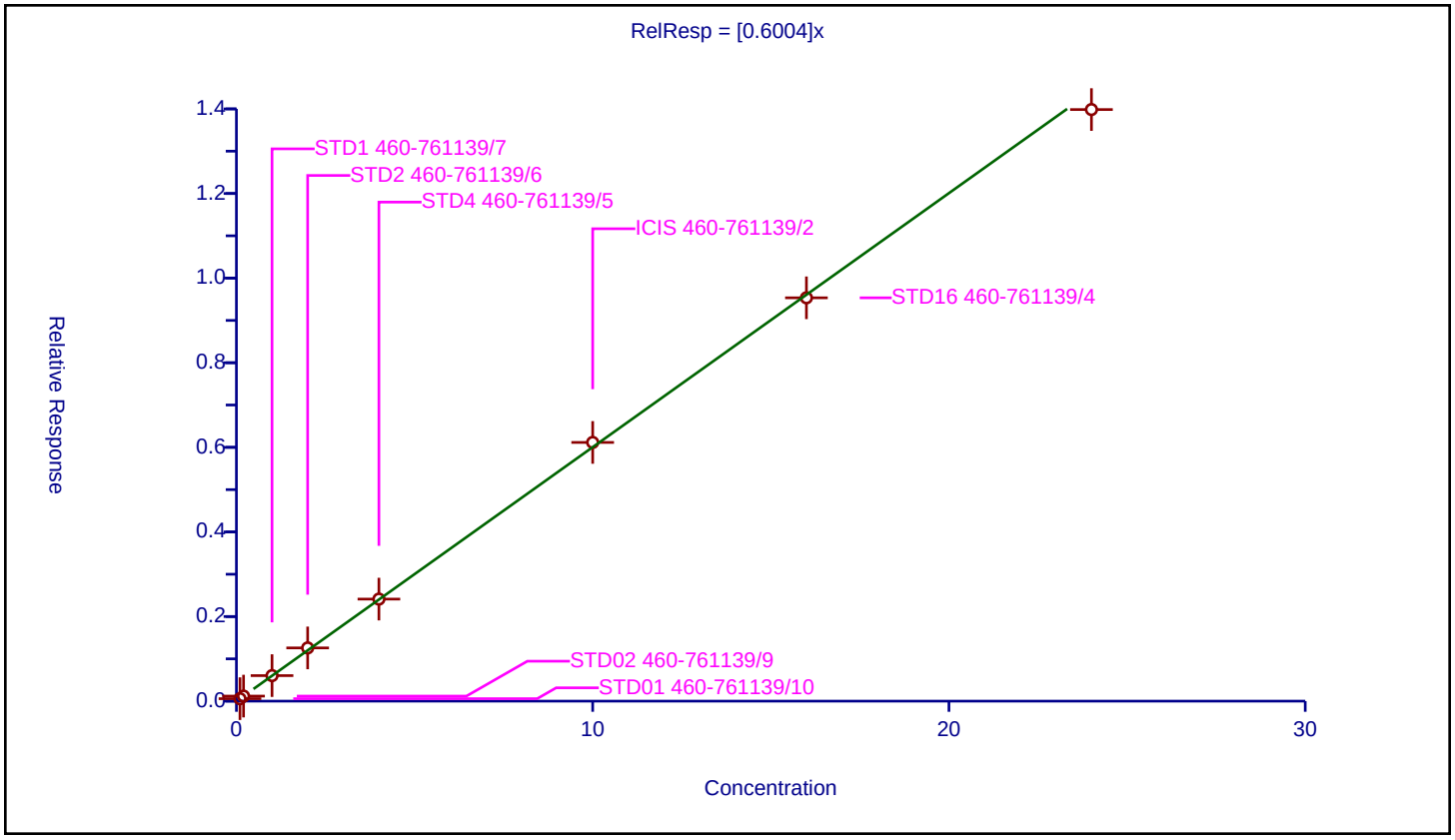
Curve Coefficients

Intercept:	0
Slope:	0.6004

Error Coefficients

Standard Error:	252000
Relative Standard Error:	2.6
Correlation Coefficient:	0.969
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.058006	8.0	284938.0	0.580056	Y
2	STD02 460-761139/9	0.2	0.119396	8.0	259708.0	0.596978	Y
3	STD1 460-761139/7	1.0	0.603643	8.0	254826.0	0.603643	Y
4	STD2 460-761139/6	2.0	1.258488	8.0	270032.0	0.629244	Y
5	STD4 460-761139/5	4.0	2.412327	8.0	285875.0	0.603082	Y
6	ICIS 460-761139/2	10.0	6.115851	8.0	307653.0	0.611585	Y
7	STD16 460-761139/4	16.0	9.534448	8.0	343717.0	0.595903	Y
8	STD24 460-761139/3	24.0	13.984166	8.0	263486.0	0.582674	Y



Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

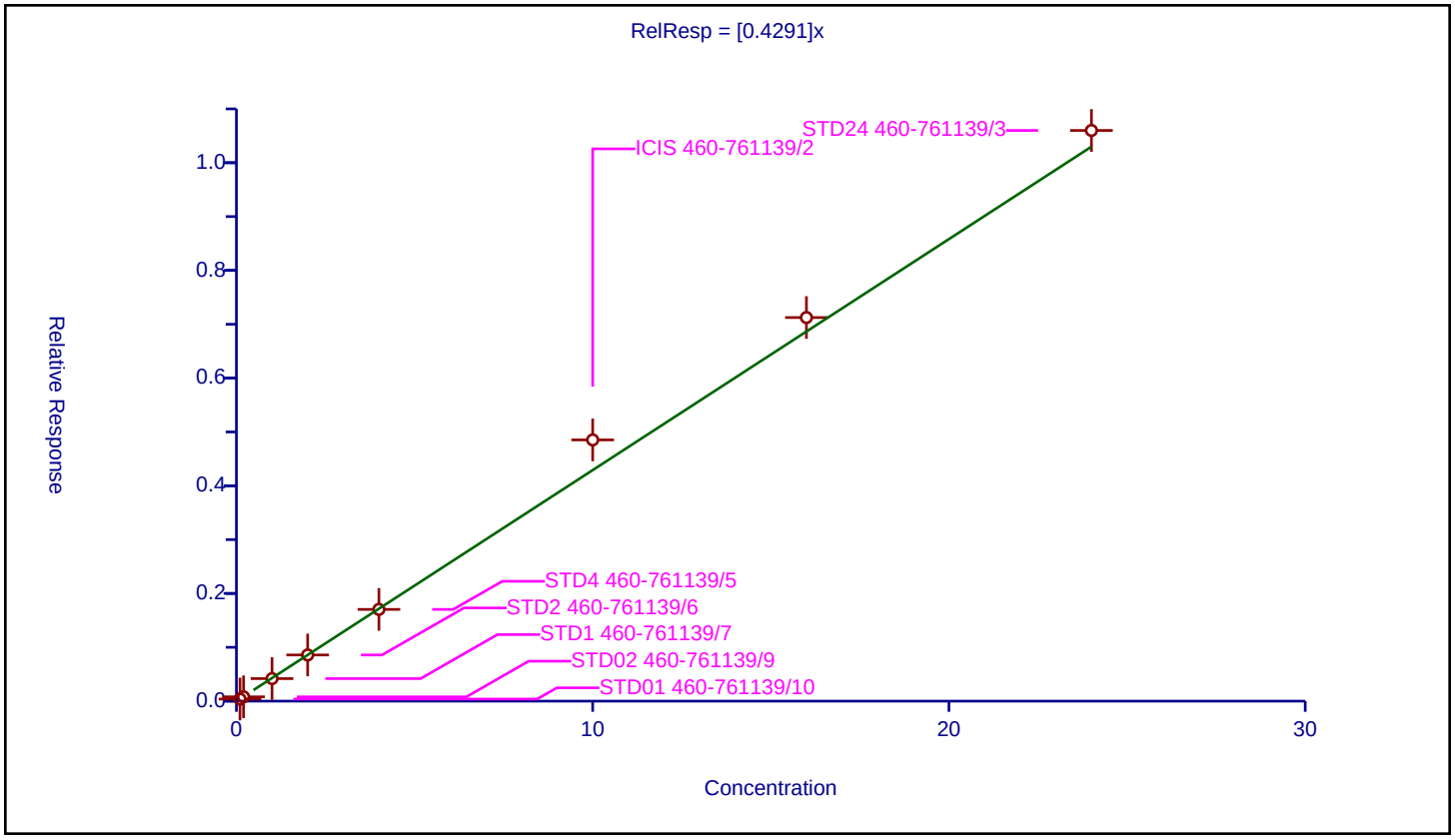
Curve Coefficients

Intercept:	0
Slope:	0.4291

Error Coefficients

Standard Error:	636000
Relative Standard Error:	7.0
Correlation Coefficient:	0.963
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.038798	8.0	1035516.0	0.38798	Y
2	STD02 460-761139/9	0.2	0.079801	8.0	930719.0	0.399003	Y
3	STD1 460-761139/7	1.0	0.418763	8.0	941899.0	0.418763	Y
4	STD2 460-761139/6	2.0	0.857642	8.0	965764.0	0.428821	Y
5	STD4 460-761139/5	4.0	1.703731	8.0	1004933.0	0.425933	Y
6	ICIS 460-761139/2	10.0	4.851901	8.0	1049136.0	0.48519	Y
7	STD16 460-761139/4	16.0	7.124497	8.0	1156610.0	0.445281	Y
8	STD24 460-761139/3	24.0	10.599423	8.0	864121.0	0.441643	Y



Calibration / Nitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

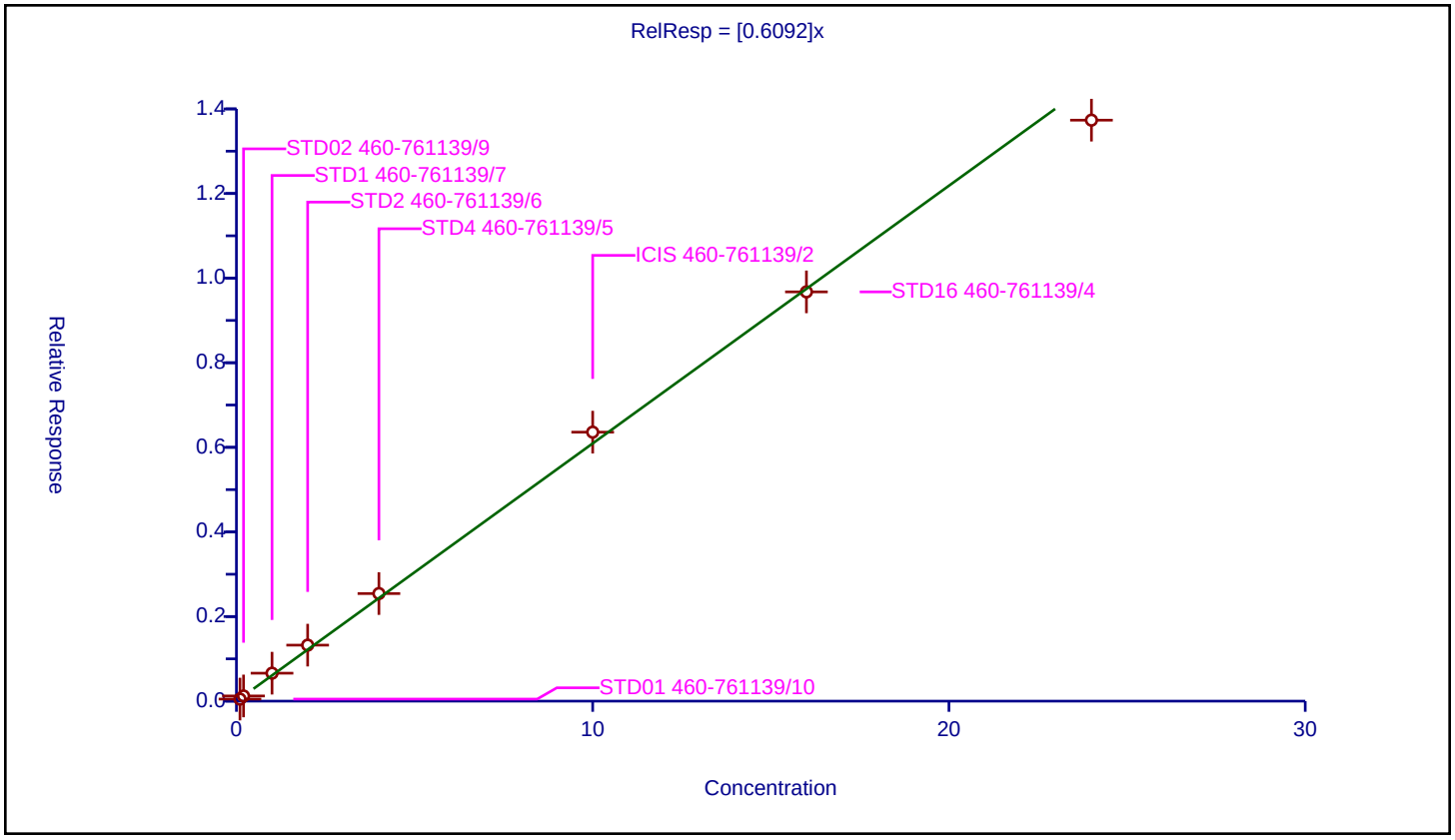
Curve Coefficients

Intercept:	0
Slope:	0.6092

Error Coefficients

Standard Error:	253000
Relative Standard Error:	9.3
Correlation Coefficient:	0.961
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.049021	8.0	284938.0	0.490212	Y
2	STD02 460-761139/9	0.2	0.122414	8.0	259708.0	0.612072	Y
3	STD1 460-761139/7	1.0	0.660812	8.0	254826.0	0.660812	Y
4	STD2 460-761139/6	2.0	1.323517	8.0	270032.0	0.661759	Y
5	STD4 460-761139/5	4.0	2.543321	8.0	285875.0	0.63583	Y
6	ICIS 460-761139/2	10.0	6.358904	8.0	307653.0	0.63589	Y
7	STD16 460-761139/4	16.0	9.674959	8.0	343717.0	0.604685	Y
8	STD24 460-761139/3	24.0	13.733739	8.0	263486.0	0.572239	Y



Calibration / n,n'-Dimethylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

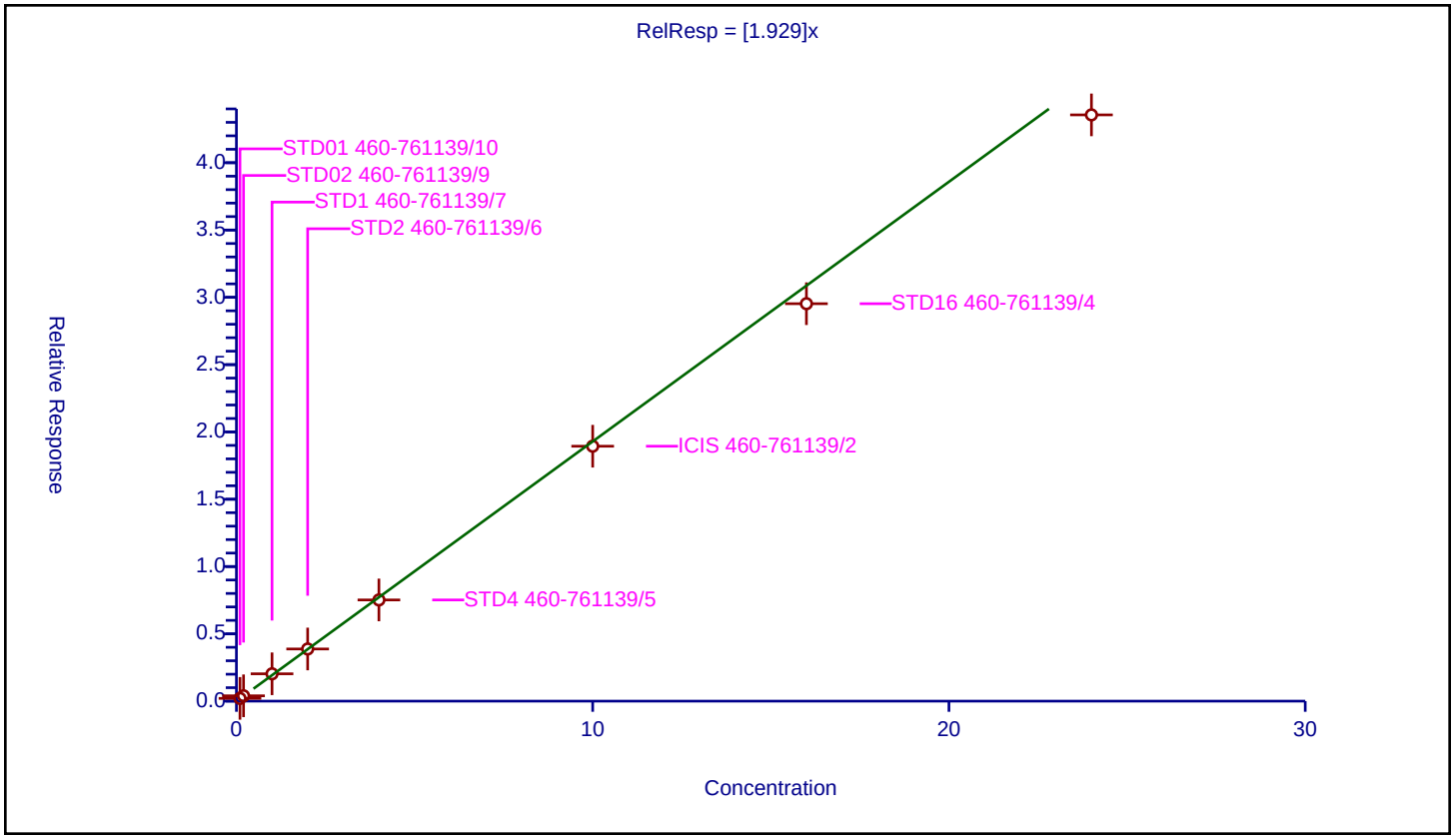
Curve Coefficients

Intercept:	0
Slope:	1.929

Error Coefficients

Standard Error:	783000
Relative Standard Error:	4.4
Correlation Coefficient:	0.971
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.204592	8.0	284938.0	2.045919	Y
2	STD02 460-761139/9	0.2	0.397246	8.0	259708.0	1.986231	Y
3	STD1 460-761139/7	1.0	2.030436	8.0	254826.0	2.030436	Y
4	STD2 460-761139/6	2.0	3.874533	8.0	270032.0	1.937267	Y
5	STD4 460-761139/5	4.0	7.518839	8.0	285875.0	1.87971	Y
6	ICIS 460-761139/2	10.0	18.940326	8.0	307653.0	1.894033	Y
7	STD16 460-761139/4	16.0	29.526849	8.0	343717.0	1.845428	Y
8	STD24 460-761139/3	24.0	43.55483	8.0	263486.0	1.814785	Y



Calibration / Isophorone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

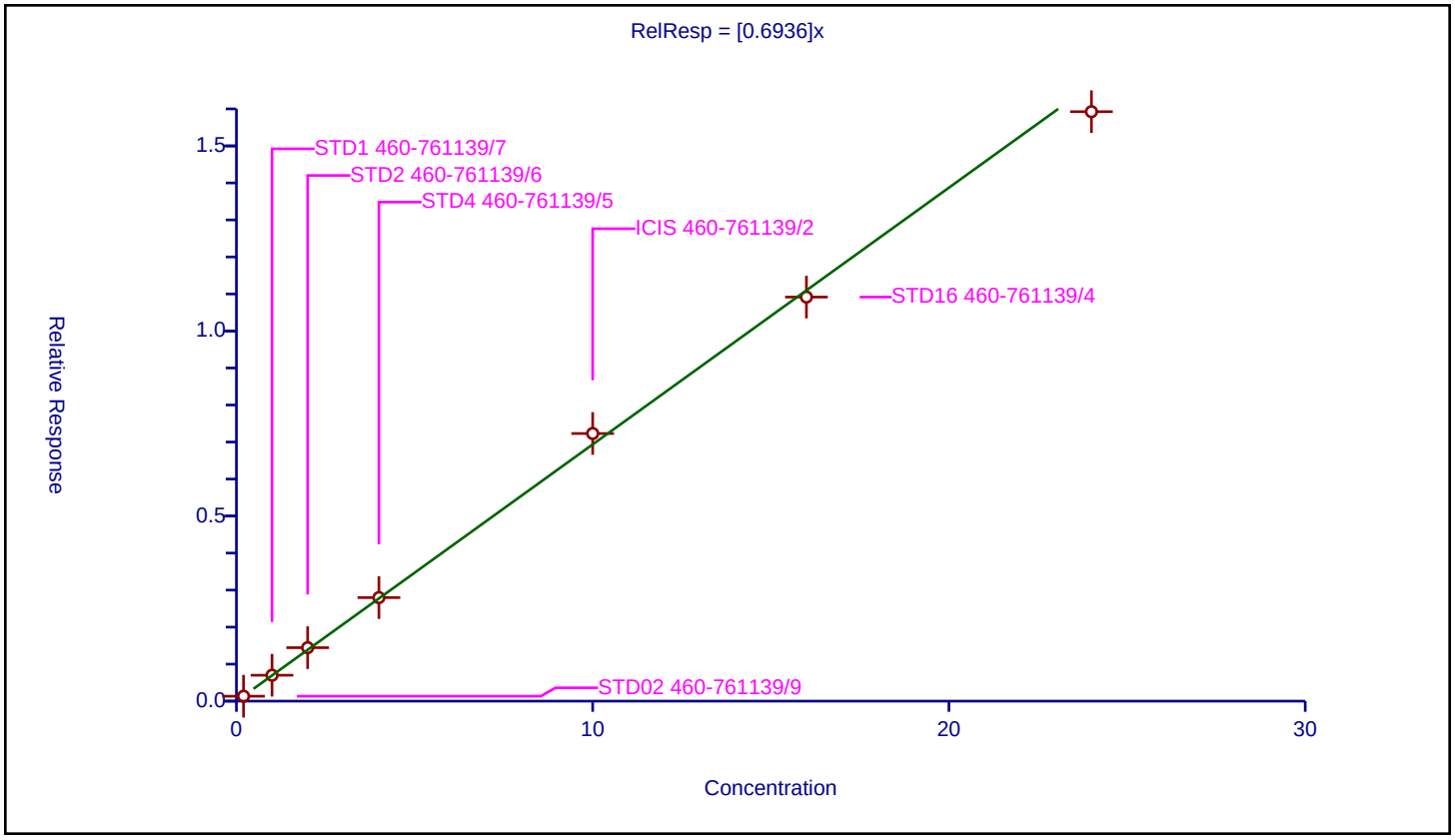
Curve Coefficients

Intercept:	0
Slope:	0.6936

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	3.5
Correlation Coefficient:	0.956
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.133101	8.0	930719.0	0.665507	Y
2	STD1 460-761139/7	1.0	0.699447	8.0	941899.0	0.699447	Y
3	STD2 460-761139/6	2.0	1.444253	8.0	965764.0	0.722127	Y
4	STD4 460-761139/5	4.0	2.796931	8.0	1004933.0	0.699233	Y
5	ICIS 460-761139/2	10.0	7.230147	8.0	1049136.0	0.723015	Y
6	STD16 460-761139/4	16.0	10.916129	8.0	1156610.0	0.682258	Y
7	STD24 460-761139/3	24.0	15.924779	8.0	864121.0	0.663532	Y



Calibration / 2-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

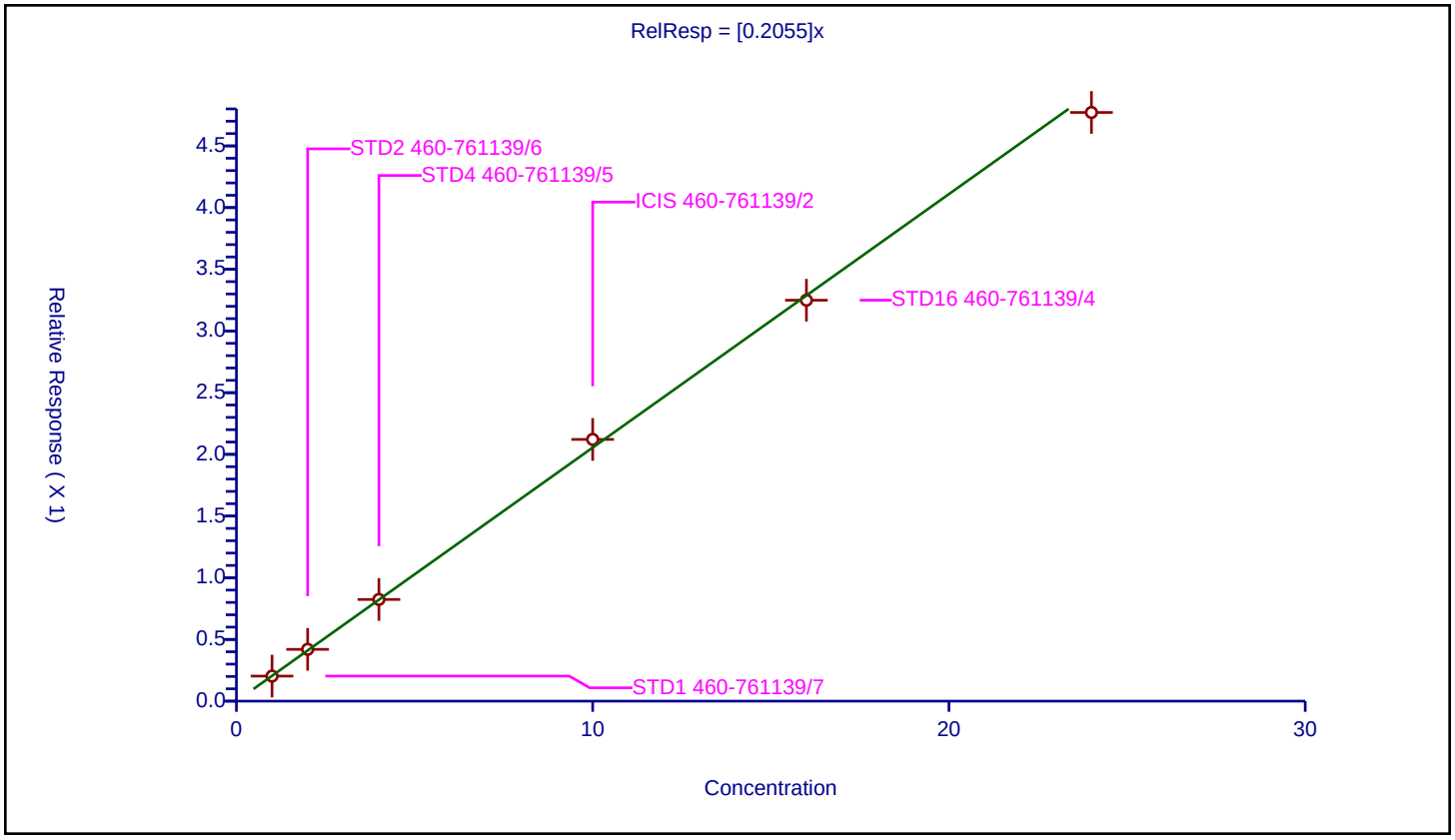
Curve Coefficients

Intercept:	0
Slope:	0.2055

Error Coefficients

Standard Error:	340000
Relative Standard Error:	2.4
Correlation Coefficient:	0.951
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.203003	8.0	941899.0	0.203003	Y
2	STD2 460-761139/6	2.0	0.419796	8.0	965764.0	0.209898	Y
3	STD4 460-761139/5	4.0	0.823951	8.0	1004933.0	0.205988	Y
4	ICIS 460-761139/2	10.0	2.121098	8.0	1049136.0	0.21211	Y
5	STD16 460-761139/4	16.0	3.249372	8.0	1156610.0	0.203086	Y
6	STD24 460-761139/3	24.0	4.771073	8.0	864121.0	0.198795	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

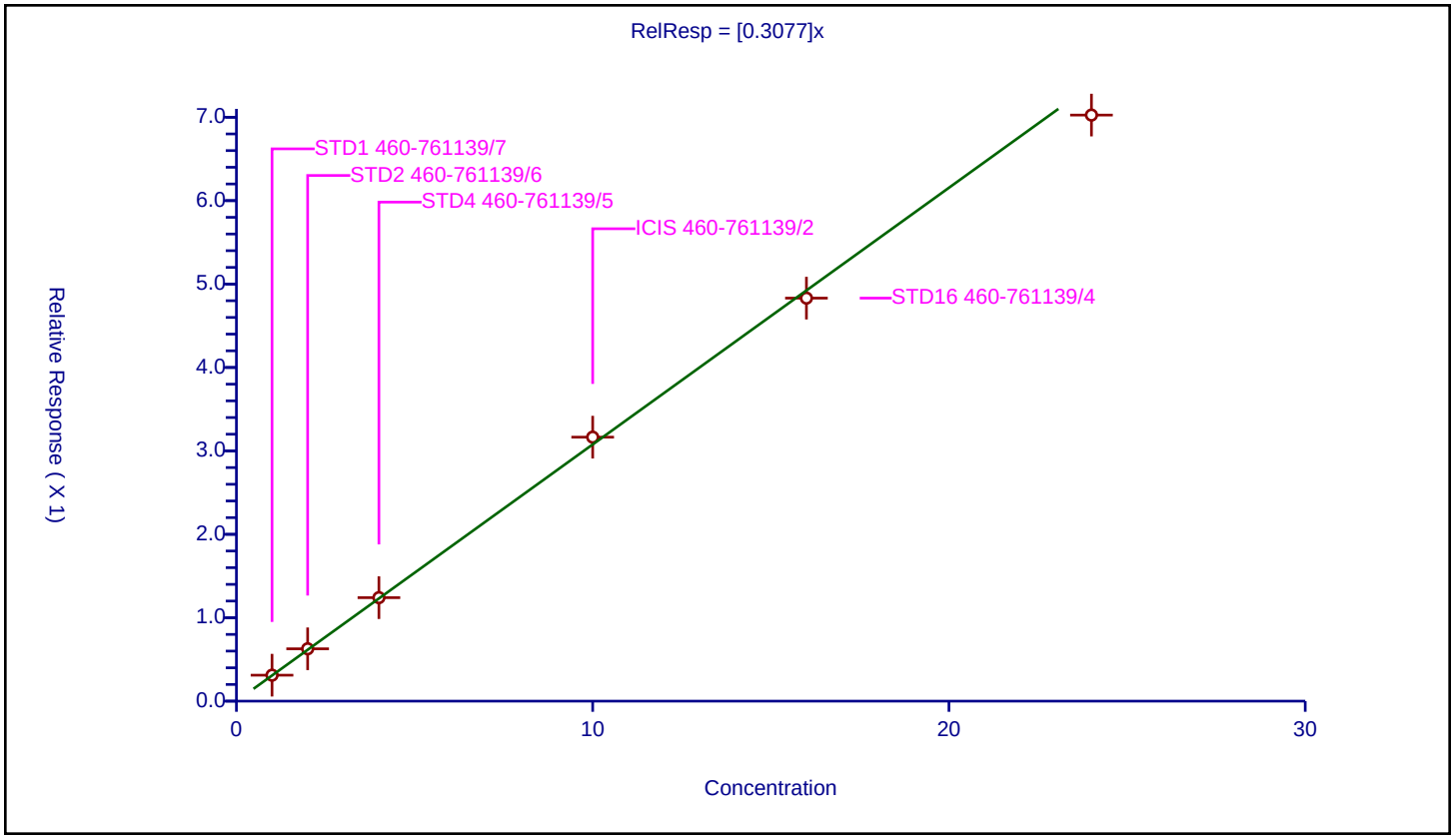
Curve Coefficients

Intercept:	0
Slope:	0.3077

Error Coefficients

Standard Error:	503000
Relative Standard Error:	2.9
Correlation Coefficient:	0.948
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.311176	8.0	941899.0	0.311176	Y
2	STD2 460-761139/6	2.0	0.62764	8.0	965764.0	0.31382	Y
3	STD4 460-761139/5	4.0	1.240727	8.0	1004933.0	0.310182	Y
4	ICIS 460-761139/2	10.0	3.164615	8.0	1049136.0	0.316462	Y
5	STD16 460-761139/4	16.0	4.831423	8.0	1156610.0	0.301964	Y
6	STD24 460-761139/3	24.0	7.026072	8.0	864121.0	0.292753	Y



Calibration / Benzoic acid

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

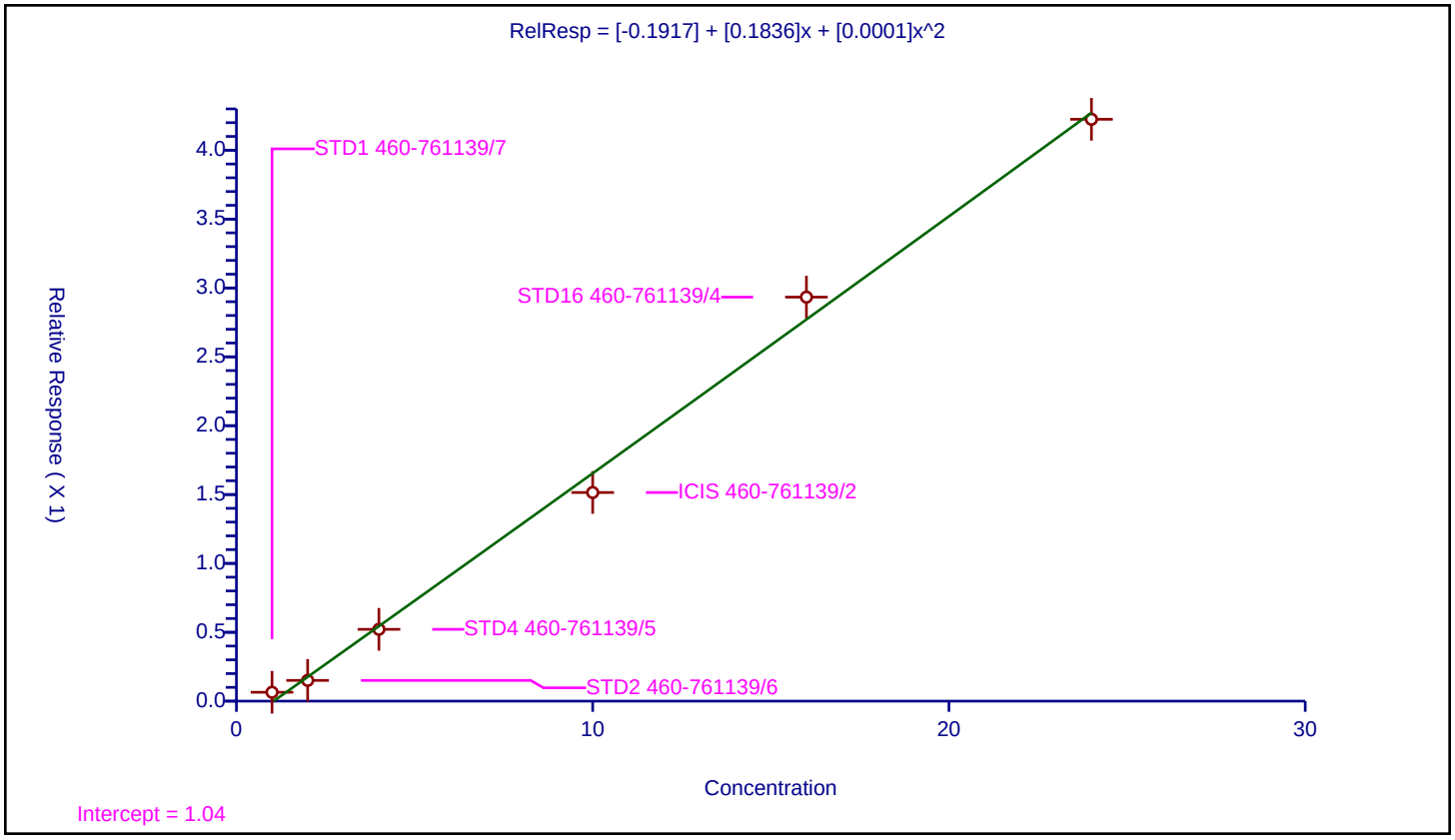
Curve Coefficients

Intercept:	-0.1917
Slope:	0.1836
Second Order:	0.0001

Error Coefficients

Standard Error:	380000
Relative Standard Error:	23.8
Correlation Coefficient:	0.945
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.064423	8.0	941899.0	0.064423	Y
2	STD2 460-761139/6	2.0	0.150496	8.0	965764.0	0.075248	Y
3	STD4 460-761139/5	4.0	0.521523	8.0	1004933.0	0.130381	Y
4	ICIS 460-761139/2	10.0	1.514747	8.0	1049136.0	0.151475	Y
5	STD16 460-761139/4	16.0	2.93349	8.0	1156610.0	0.183343	Y
6	STD24 460-761139/3	24.0	4.224492	8.0	864121.0	0.17602	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

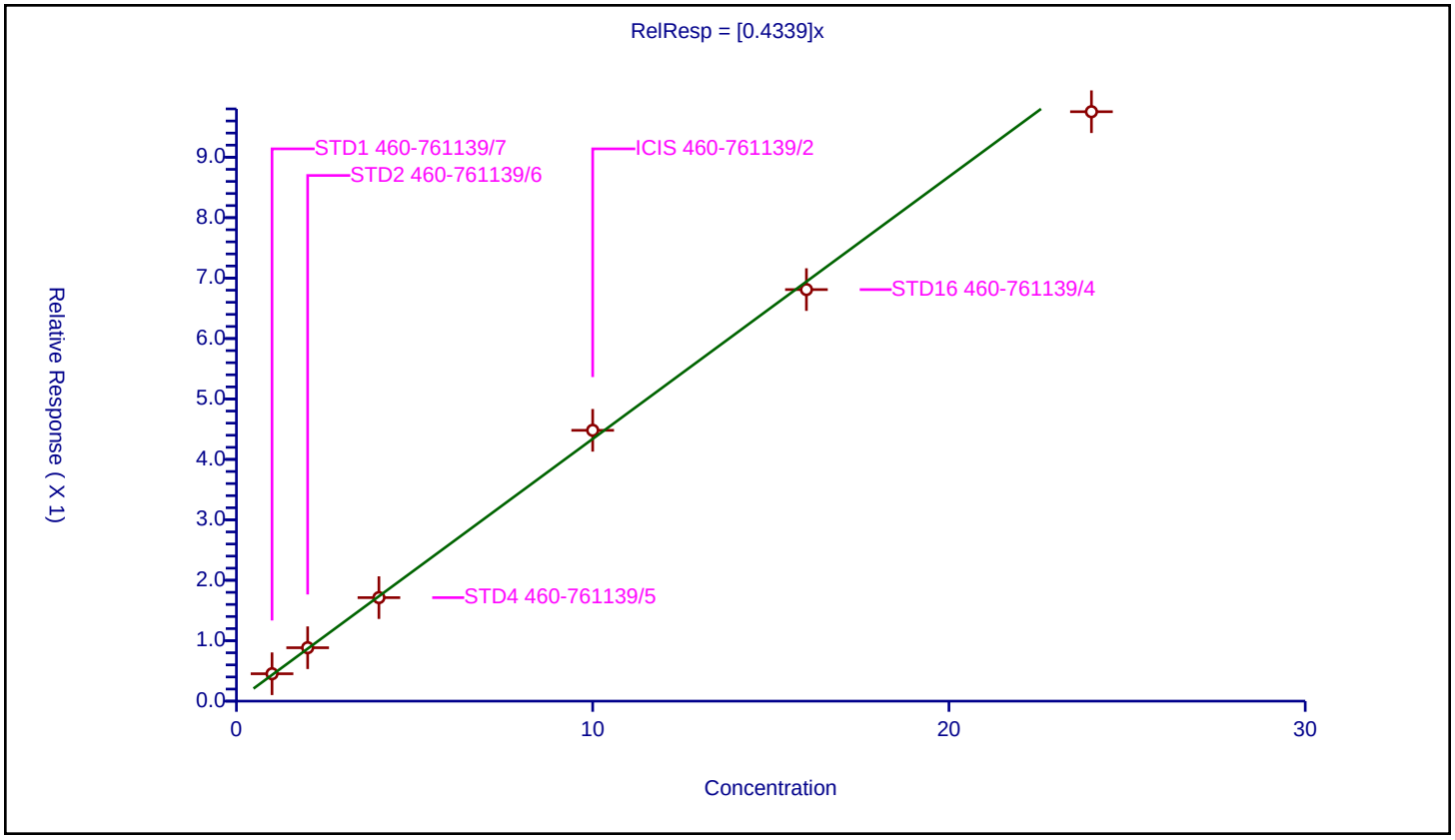
Curve Coefficients

Intercept:	0
Slope:	0.4339

Error Coefficients

Standard Error:	705000
Relative Standard Error:	4.0
Correlation Coefficient:	0.942
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.453076	8.0	941899.0	0.453076	Y
2	STD2 460-761139/6	2.0	0.883901	8.0	965764.0	0.441951	Y
3	STD4 460-761139/5	4.0	1.71291	8.0	1004933.0	0.428228	Y
4	ICIS 460-761139/2	10.0	4.481577	8.0	1049136.0	0.448158	Y
5	STD16 460-761139/4	16.0	6.810164	8.0	1156610.0	0.425635	Y
6	STD24 460-761139/3	24.0	9.753125	8.0	864121.0	0.40638	Y



Calibration / 2,4-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

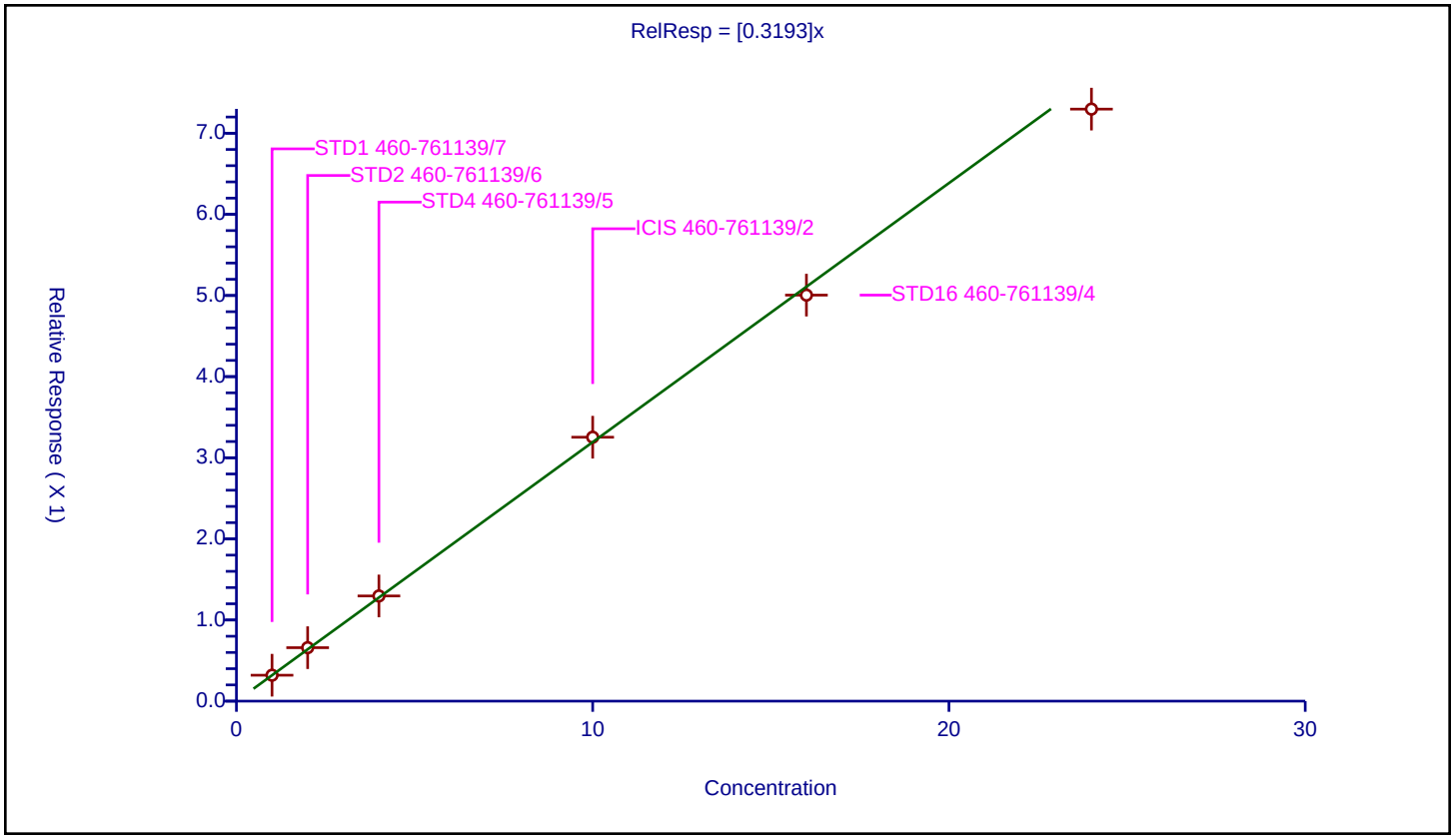
Curve Coefficients

Intercept:	0
Slope:	0.3193

Error Coefficients

Standard Error:	522000
Relative Standard Error:	2.9
Correlation Coefficient:	0.949
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.319644	8.0	941899.0	0.319644	Y
2	STD2 460-761139/6	2.0	0.6592	8.0	965764.0	0.3296	Y
3	STD4 460-761139/5	4.0	1.296731	8.0	1004933.0	0.324183	Y
4	ICIS 460-761139/2	10.0	3.253092	8.0	1049136.0	0.325309	Y
5	STD16 460-761139/4	16.0	5.00475	8.0	1156610.0	0.312797	Y
6	STD24 460-761139/3	24.0	7.297376	8.0	864121.0	0.304057	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

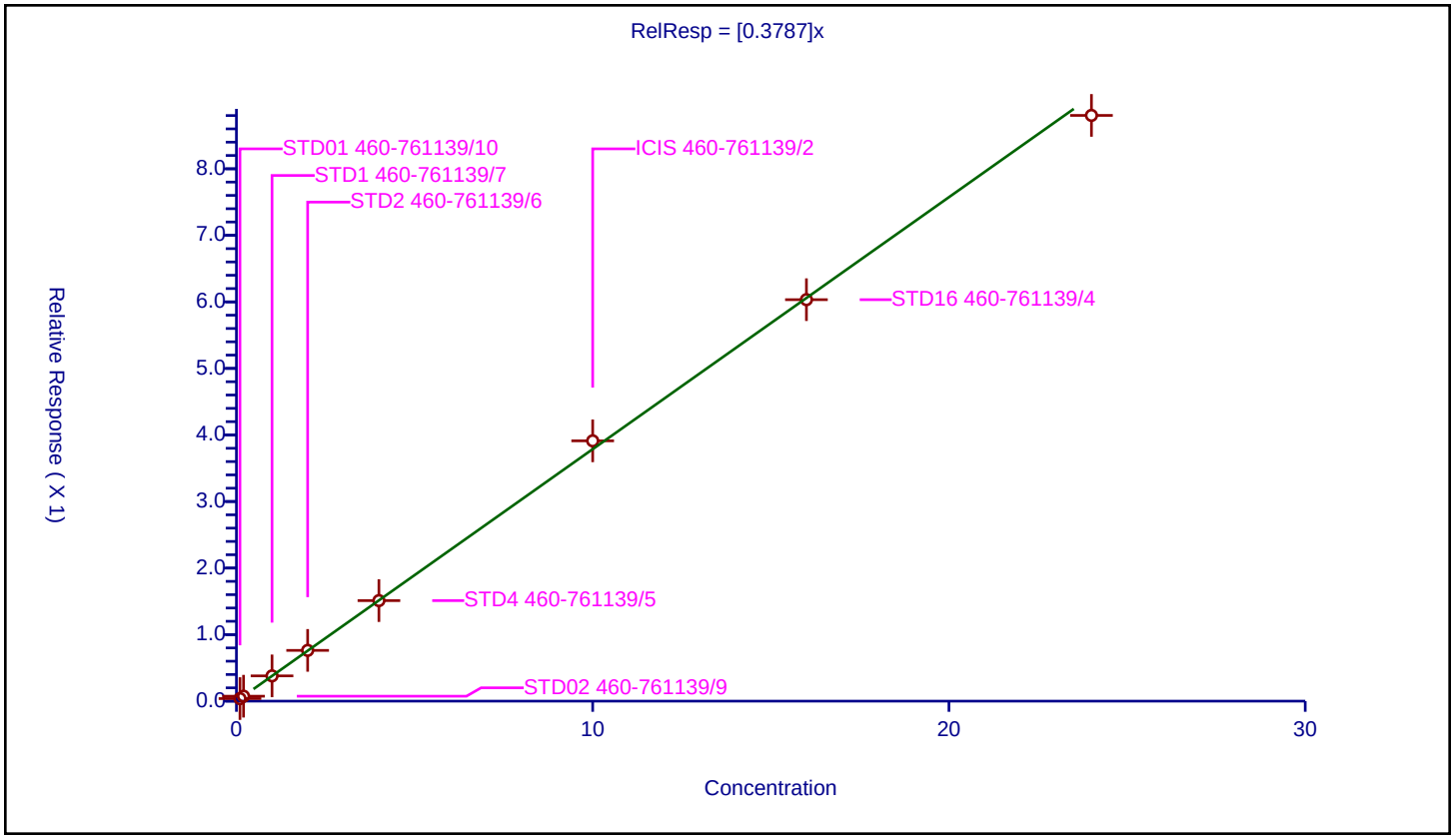
Curve Coefficients

Intercept:	0
Slope:	0.3787

Error Coefficients

Standard Error:	531000
Relative Standard Error:	2.0
Correlation Coefficient:	0.961
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.038497	8.0	1035516.0	0.384967	Y
2	STD02 460-761139/9	0.2	0.074102	8.0	930719.0	0.370509	Y
3	STD1 460-761139/7	1.0	0.37982	8.0	941899.0	0.37982	Y
4	STD2 460-761139/6	2.0	0.762712	8.0	965764.0	0.381356	Y
5	STD4 460-761139/5	4.0	1.510533	8.0	1004933.0	0.377633	Y
6	ICIS 460-761139/2	10.0	3.911836	8.0	1049136.0	0.391184	Y
7	STD16 460-761139/4	16.0	6.03301	8.0	1156610.0	0.377063	Y
8	STD24 460-761139/3	24.0	8.801878	8.0	864121.0	0.366745	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

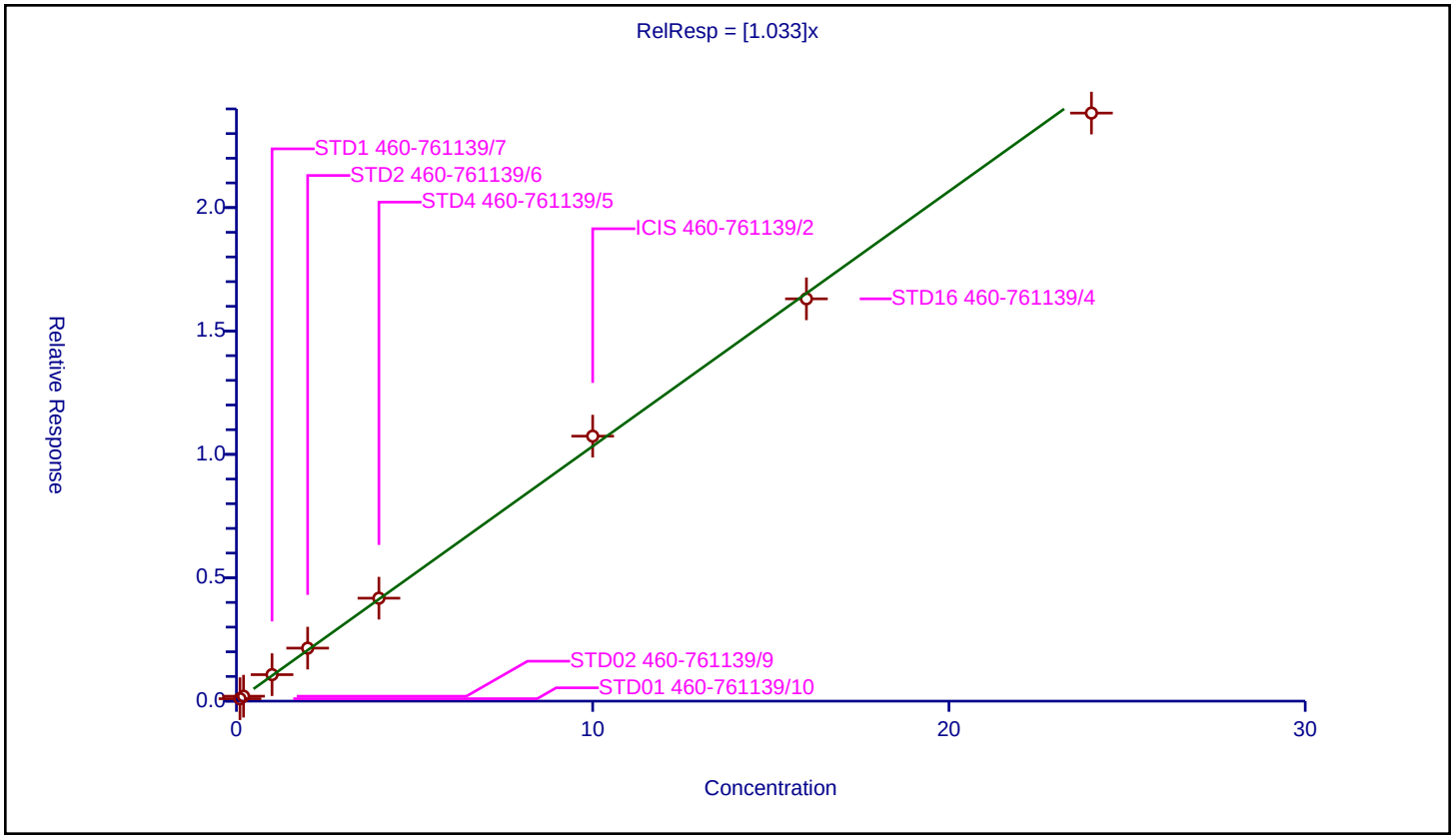
Curve Coefficients

Intercept:	0
Slope:	1.033

Error Coefficients

Standard Error:	1440000
Relative Standard Error:	3.7
Correlation Coefficient:	0.961
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.098571	8.0	1035516.0	0.985711	Y
2	STD02 460-761139/9	0.2	0.200241	8.0	930719.0	1.001204	Y
3	STD1 460-761139/7	1.0	1.073491	8.0	941899.0	1.073491	Y
4	STD2 460-761139/6	2.0	2.148608	8.0	965764.0	1.074304	Y
5	STD4 460-761139/5	4.0	4.1719	8.0	1004933.0	1.042975	Y
6	ICIS 460-761139/2	10.0	10.738787	8.0	1049136.0	1.073879	Y
7	STD16 460-761139/4	16.0	16.303743	8.0	1156610.0	1.018984	Y
8	STD24 460-761139/3	24.0	23.830866	8.0	864121.0	0.992953	Y



Calibration / 4-Chloroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

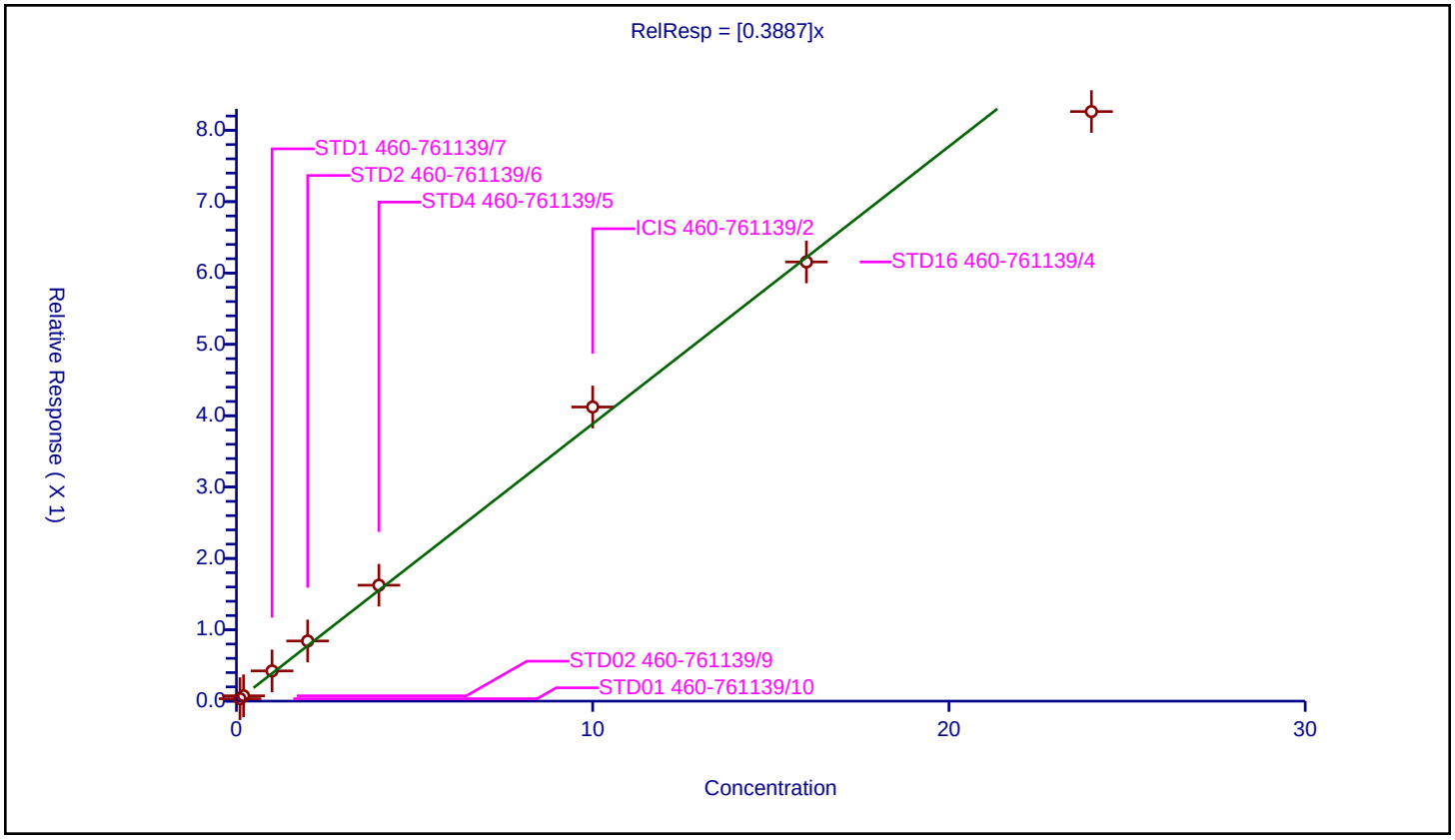
Curve Coefficients

Intercept:	0
Slope:	0.3887

Error Coefficients

Standard Error:	526000
Relative Standard Error:	8.4
Correlation Coefficient:	0.935
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.034279	8.0	1035516.0	0.342786	Y
2	STD02 460-761139/9	0.2	0.074858	8.0	930719.0	0.374291	Y
3	STD1 460-761139/7	1.0	0.423485	8.0	941899.0	0.423485	Y
4	STD2 460-761139/6	2.0	0.842839	8.0	965764.0	0.42142	Y
5	STD4 460-761139/5	4.0	1.62453	8.0	1004933.0	0.406133	Y
6	ICIS 460-761139/2	10.0	4.122074	8.0	1049136.0	0.412207	Y
7	STD16 460-761139/4	16.0	6.155147	8.0	1156610.0	0.384697	Y
8	STD24 460-761139/3	24.0	8.262787	8.0	864121.0	0.344283	Y



Calibration / 2,6-Dichlorophenol

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

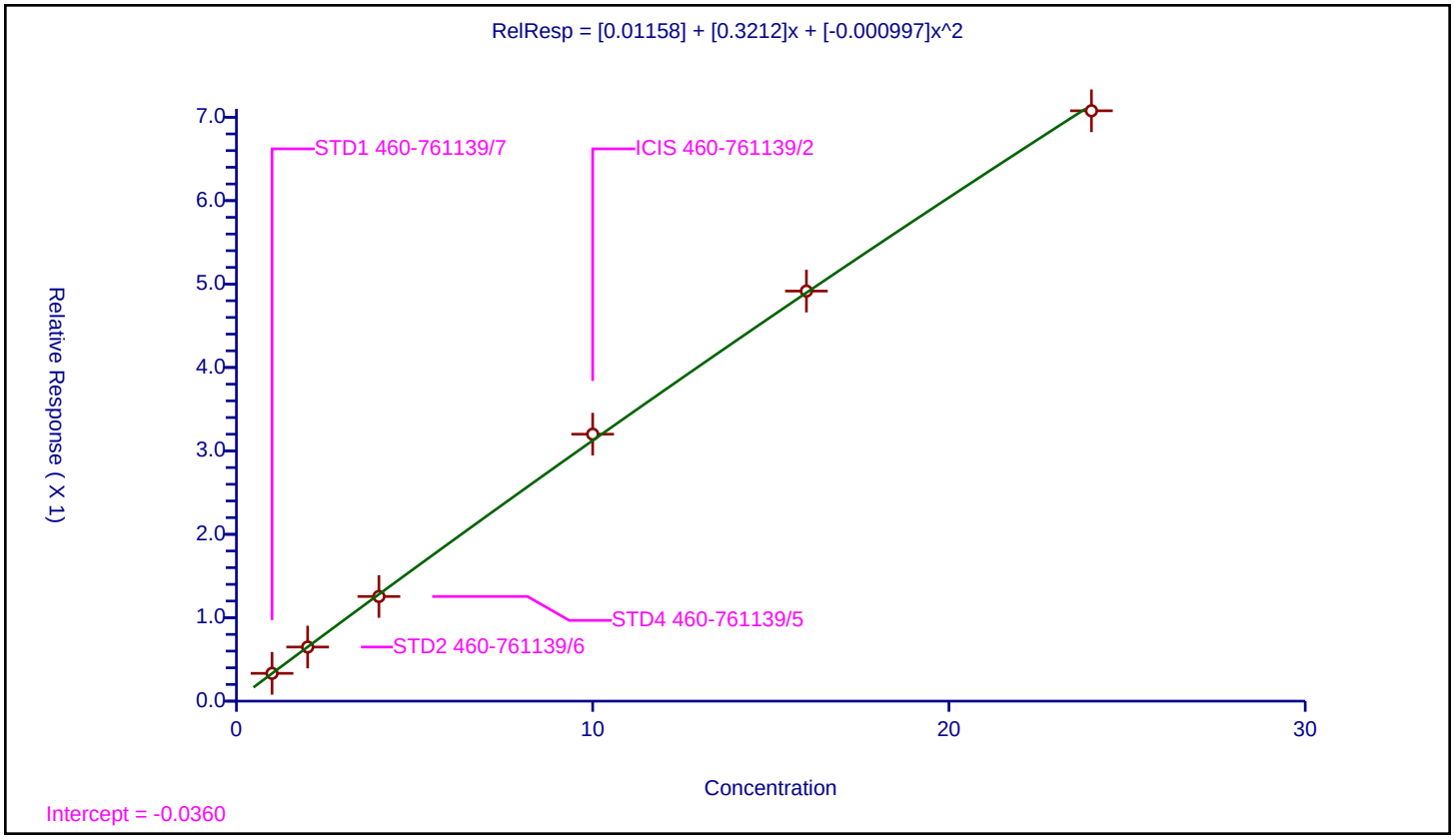
Curve Coefficients

Intercept:	0.01158
Slope:	0.3212
Second Order:	-0.000997

Error Coefficients

Standard Error:	658000
Relative Standard Error:	2.0
Correlation Coefficient:	0.953
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.333089	8.0	941899.0	0.333089	Y
2	STD2 460-761139/6	2.0	0.648614	8.0	965764.0	0.324307	Y
3	STD4 460-761139/5	4.0	1.254722	8.0	1004933.0	0.313681	Y
4	ICIS 460-761139/2	10.0	3.20031	8.0	1049136.0	0.320031	Y
5	STD16 460-761139/4	16.0	4.91587	8.0	1156610.0	0.307242	Y
6	STD24 460-761139/3	24.0	7.077398	8.0	864121.0	0.294892	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

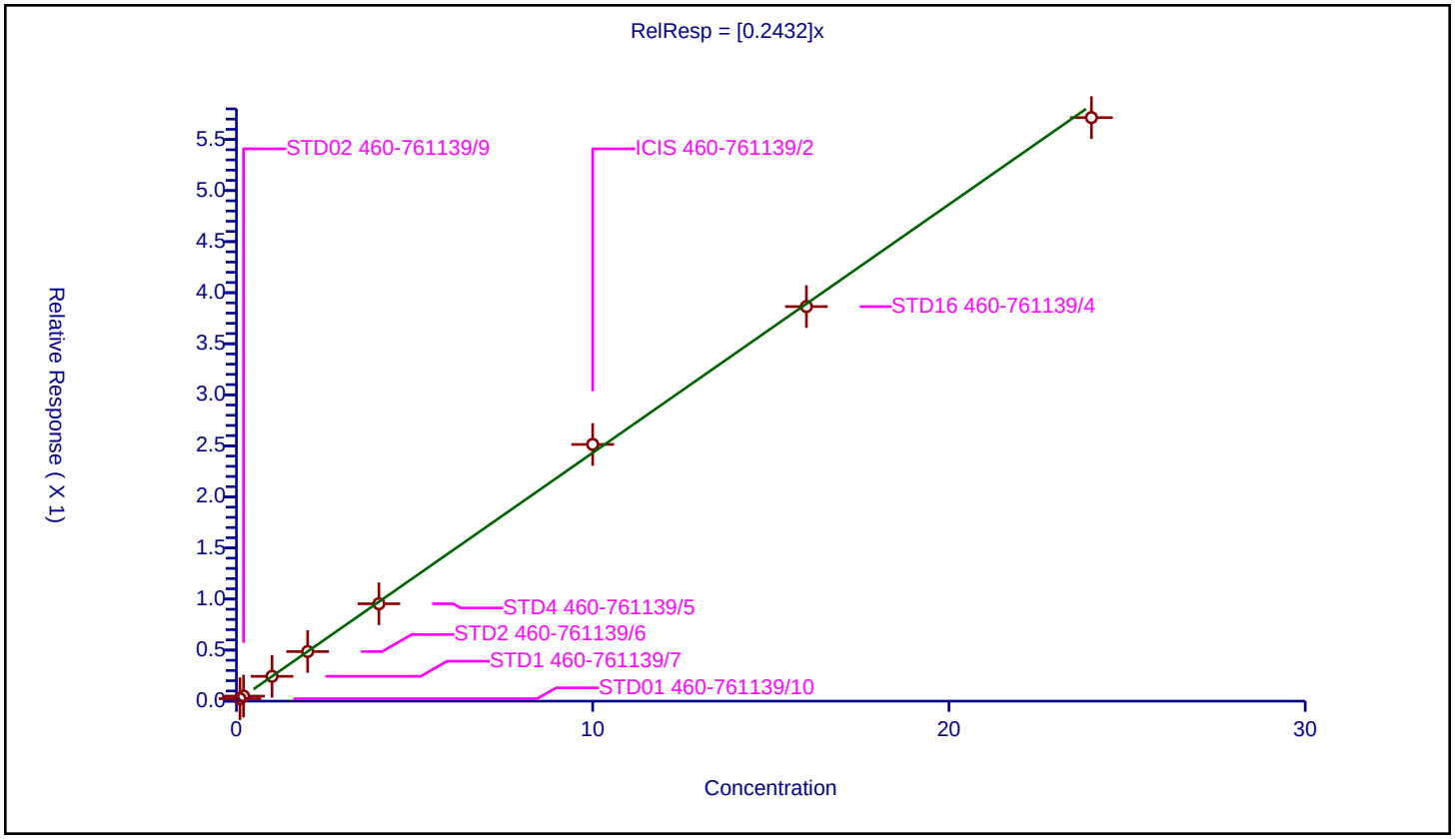
Curve Coefficients

Intercept:	0
Slope:	0.2432

Error Coefficients

Standard Error:	342000
Relative Standard Error:	1.8
Correlation Coefficient:	0.964
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.024282	8.0	1035516.0	0.242816	Y
2	STD02 460-761139/9	0.2	0.049493	8.0	930719.0	0.247465	Y
3	STD1 460-761139/7	1.0	0.243092	8.0	941899.0	0.243092	Y
4	STD2 460-761139/6	2.0	0.485526	8.0	965764.0	0.242763	Y
5	STD4 460-761139/5	4.0	0.95356	8.0	1004933.0	0.23839	Y
6	ICIS 460-761139/2	10.0	2.514137	8.0	1049136.0	0.251414	Y
7	STD16 460-761139/4	16.0	3.864099	8.0	1156610.0	0.241506	Y
8	STD24 460-761139/3	24.0	5.714515	8.0	864121.0	0.238105	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

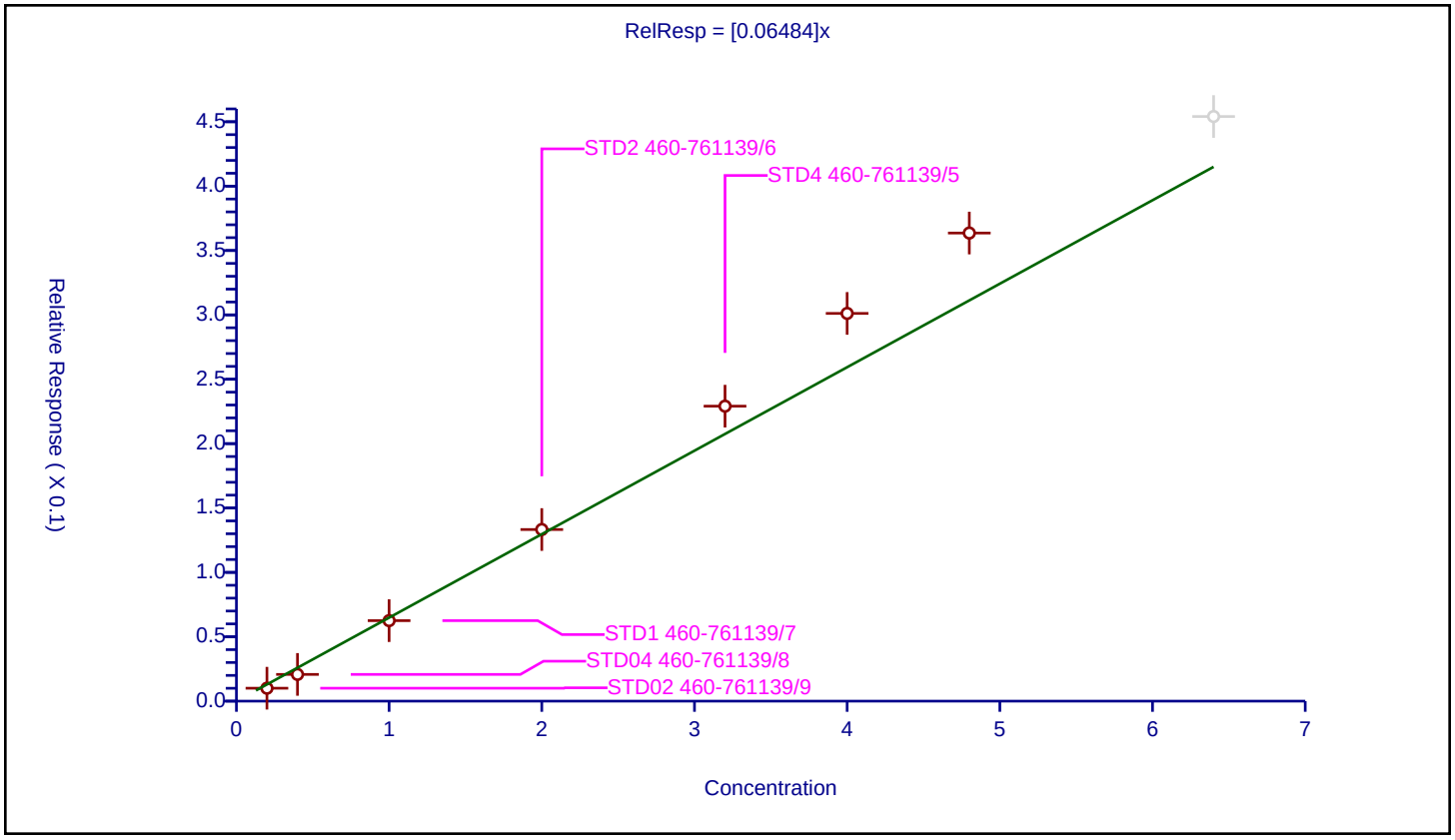
Curve Coefficients

Intercept:	0
Slope:	0.06484

Error Coefficients

Standard Error:	30200
Relative Standard Error:	16.2
Correlation Coefficient:	0.985
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.01004	8.0	930719.0	0.050198	Y
2	STD04 460-761139/8	0.4	0.020757	8.0	1034427.0	0.051893	Y
3	STD1 460-761139/7	1.0	0.062521	8.0	941899.0	0.062521	Y
4	STD2 460-761139/6	2.0	0.133291	8.0	965764.0	0.066646	Y
5	STD4 460-761139/5	3.2	0.22911	8.0	1004933.0	0.071597	Y
6	ICIS 460-761139/2	4.0	0.301147	8.0	1049136.0	0.075287	Y
7	STD16 460-761139/4	4.8	0.363573	8.0	1156610.0	0.075744	Y
8	STD24 460-761139/3	6.4	0.454094	8.0	864121.0	0.070952	N



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

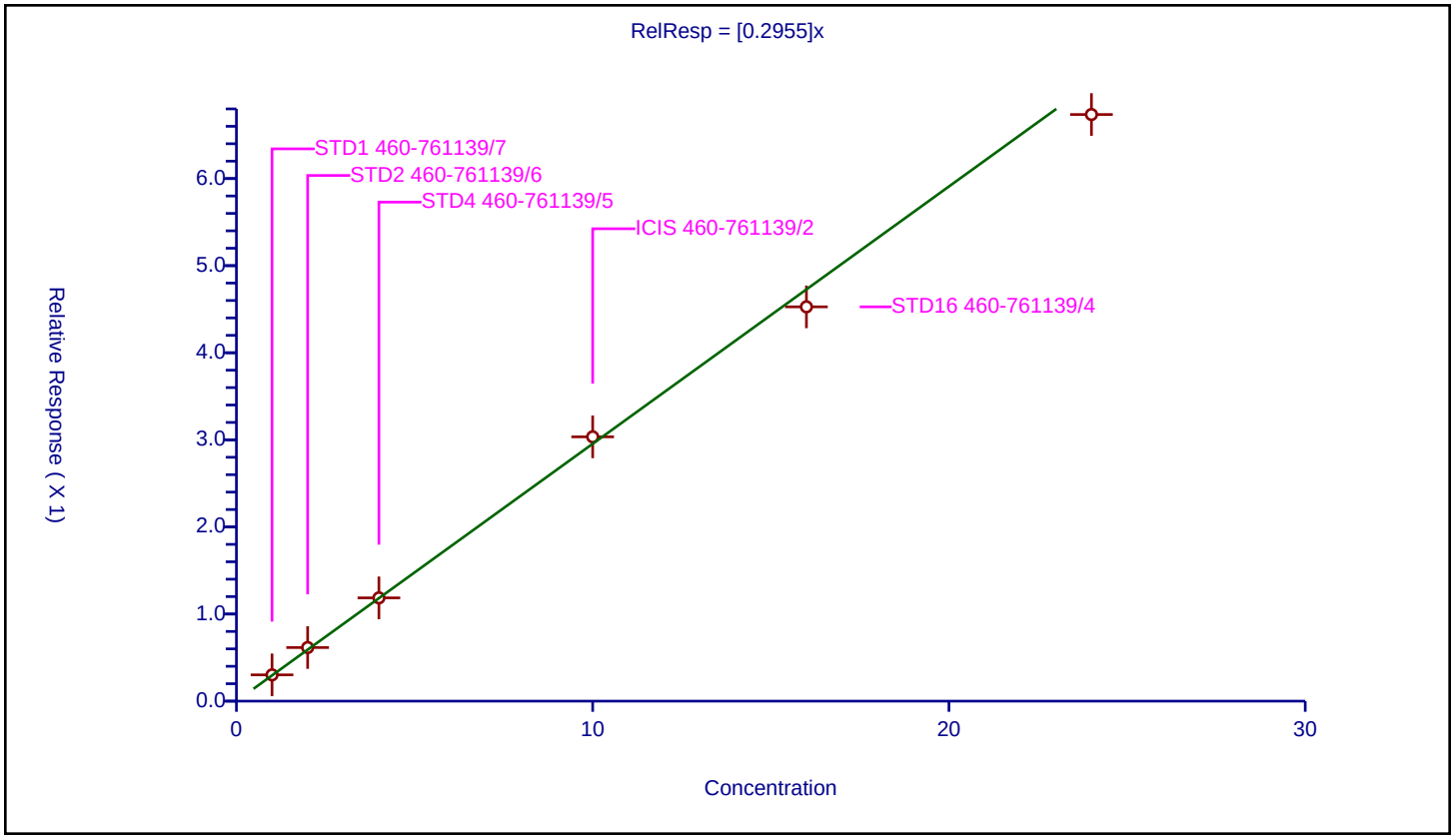
Curve Coefficients

Intercept:	0
Slope:	0.2955

Error Coefficients

Standard Error:	479000
Relative Standard Error:	3.8
Correlation Coefficient:	0.954
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.301561	8.0	941899.0	0.301561	Y
2	STD2 460-761139/6	2.0	0.61533	8.0	965764.0	0.307665	Y
3	STD4 460-761139/5	4.0	1.185822	8.0	1004933.0	0.296456	Y
4	ICIS 460-761139/2	10.0	3.034756	8.0	1049136.0	0.303476	Y
5	STD16 460-761139/4	16.0	4.527383	8.0	1156610.0	0.282961	Y
6	STD24 460-761139/3	24.0	6.735557	8.0	864121.0	0.280648	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

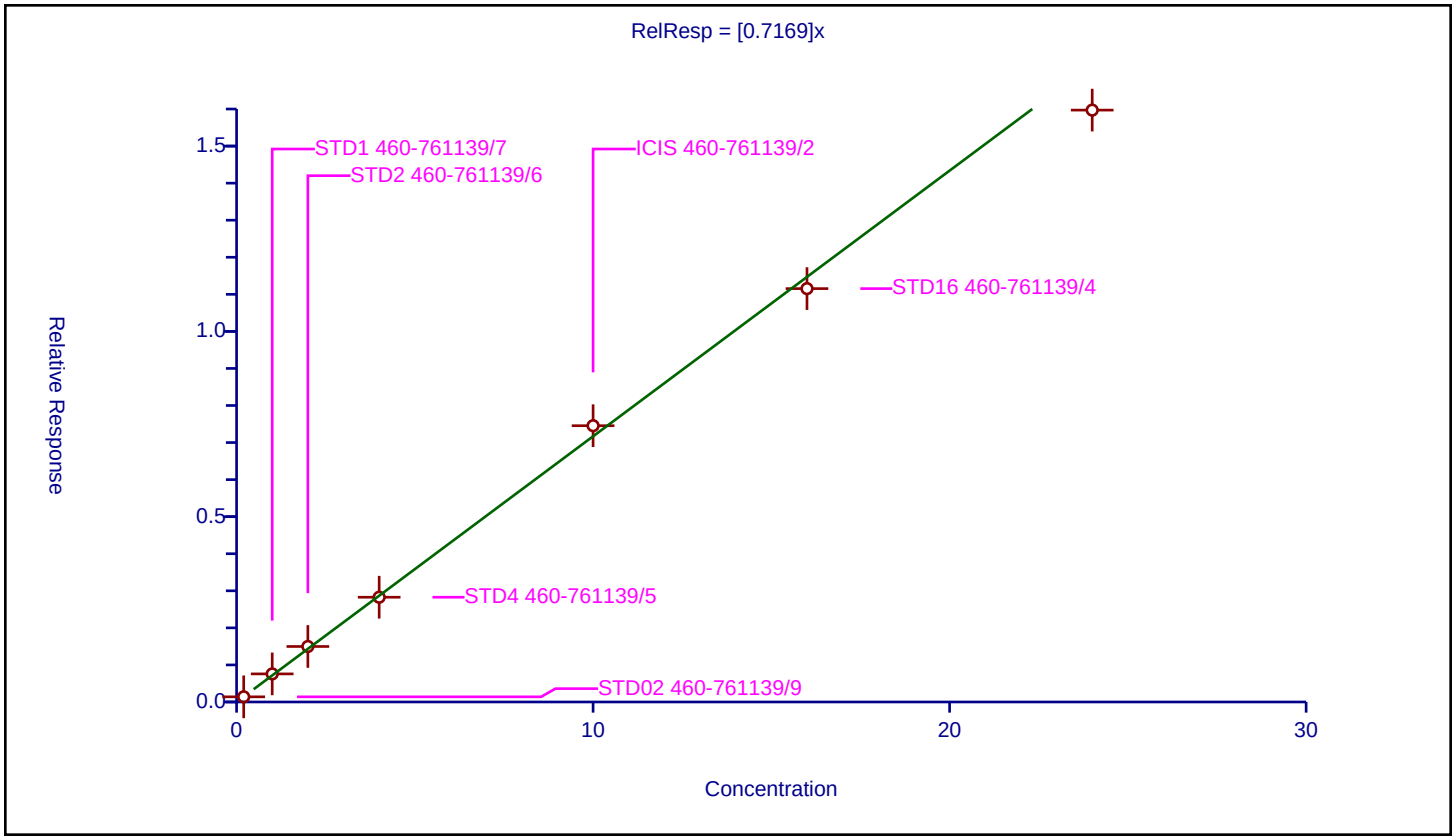
Curve Coefficients

Intercept:	0
Slope:	0.7169

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	4.8
Correlation Coefficient:	0.950
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.139325	8.0	930719.0	0.696623	Y
2	STD1 460-761139/7	1.0	0.757703	8.0	941899.0	0.757703	Y
3	STD2 460-761139/6	2.0	1.497989	8.0	965764.0	0.748995	Y
4	STD4 460-761139/5	4.0	2.826529	8.0	1004933.0	0.706632	Y
5	ICIS 460-761139/2	10.0	7.454568	8.0	1049136.0	0.745457	Y
6	STD16 460-761139/4	16.0	11.154059	8.0	1156610.0	0.697129	Y
7	STD24 460-761139/3	24.0	15.970143	8.0	864121.0	0.665423	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

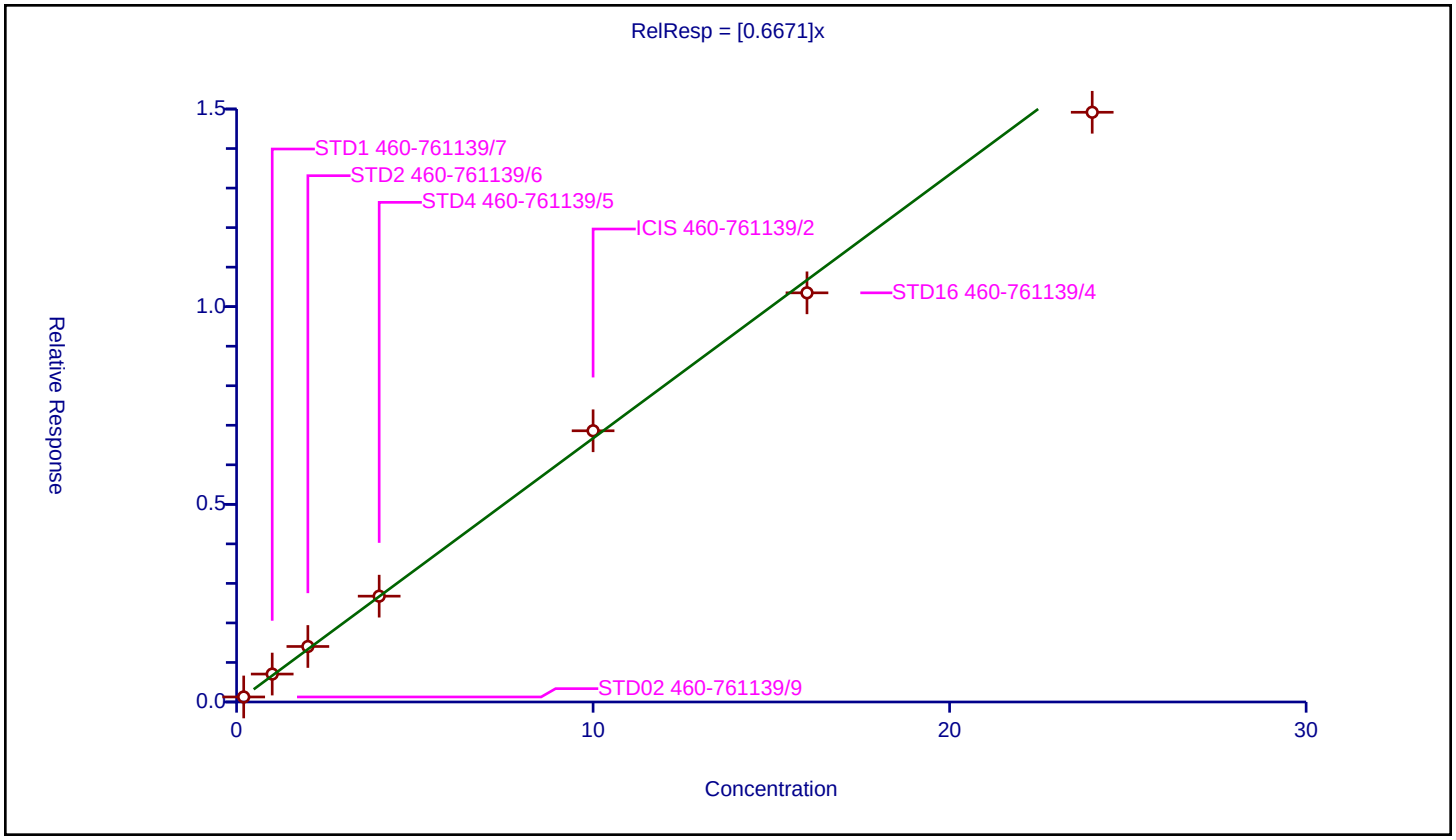
Curve Coefficients

Intercept:	0
Slope:	0.6671

Error Coefficients

Standard Error:	983000
Relative Standard Error:	4.9
Correlation Coefficient:	0.952
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.127454	8.0	930719.0	0.637271	Y
2	STD1 460-761139/7	1.0	0.706751	8.0	941899.0	0.706751	Y
3	STD2 460-761139/6	2.0	1.404053	8.0	965764.0	0.702027	Y
4	STD4 460-761139/5	4.0	2.677193	8.0	1004933.0	0.669298	Y
5	ICIS 460-761139/2	10.0	6.860792	8.0	1049136.0	0.686079	Y
6	STD16 460-761139/4	16.0	10.350317	8.0	1156610.0	0.646895	Y
7	STD24 460-761139/3	24.0	14.917744	8.0	864121.0	0.621573	Y



Calibration / 1,2,4,5-Tetrachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

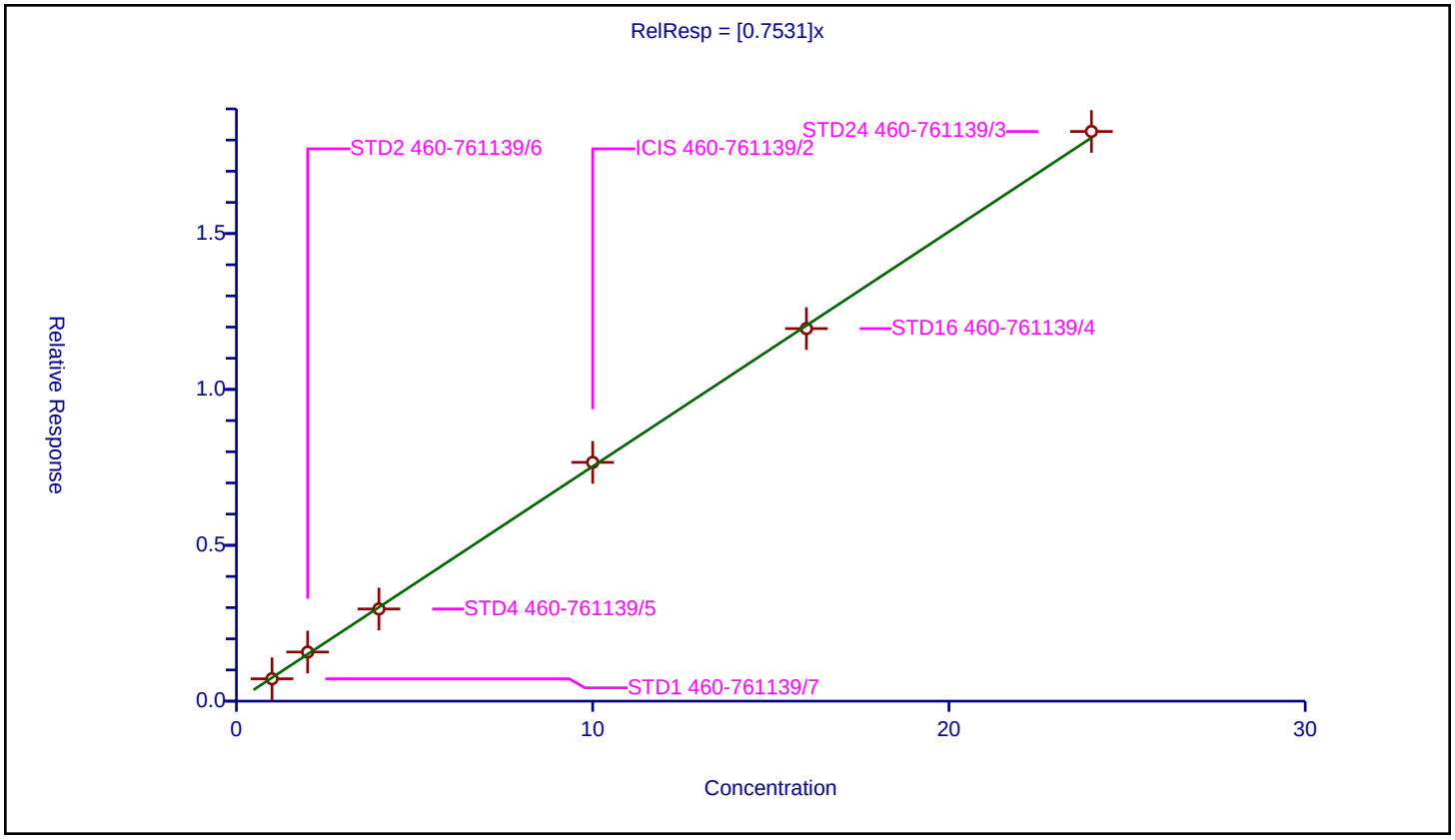
Curve Coefficients

Intercept:	0
Slope:	0.7531

Error Coefficients

Standard Error:	619000
Relative Standard Error:	3.2
Correlation Coefficient:	0.946
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.716992	8.0	512921.0	0.716992	Y
2	STD2 460-761139/6	2.0	1.575677	8.0	495594.0	0.787838	Y
3	STD4 460-761139/5	4.0	2.957273	8.0	518951.0	0.739318	Y
4	ICIS 460-761139/2	10.0	7.65995	8.0	536416.0	0.765995	Y
5	STD16 460-761139/4	16.0	11.951261	8.0	575308.0	0.746954	Y
6	STD24 460-761139/3	24.0	18.275522	8.0	407611.0	0.76148	Y



Calibration / Hexachlorocyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

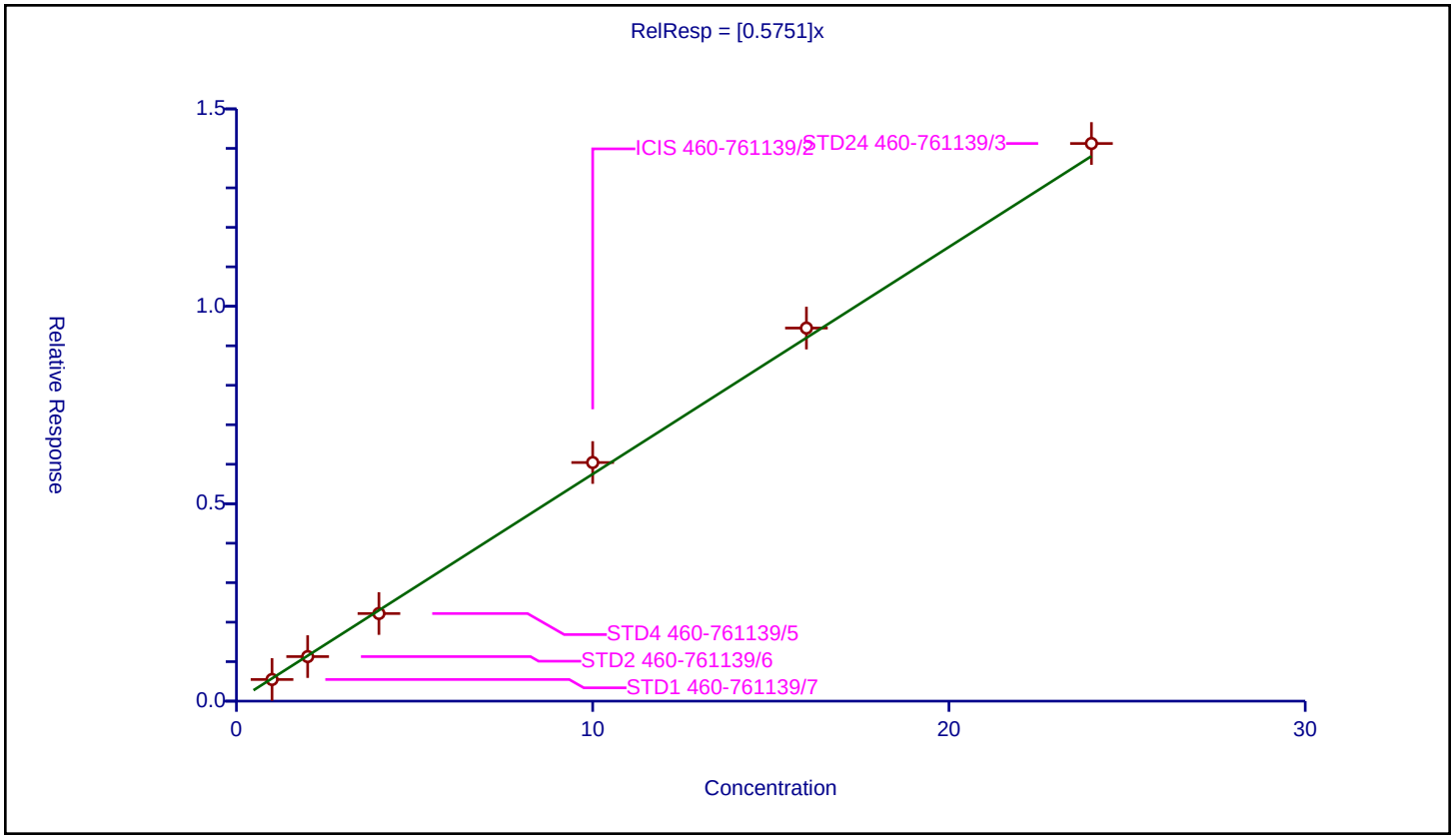
Curve Coefficients

Intercept:	0
Slope:	0.5751

Error Coefficients

Standard Error:	484000
Relative Standard Error:	3.9
Correlation Coefficient:	0.938
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.548389	8.0	512921.0	0.548389	Y
2	STD2 460-761139/6	2.0	1.128117	8.0	495594.0	0.564058	Y
3	STD4 460-761139/5	4.0	2.21903	8.0	518951.0	0.554758	Y
4	ICIS 460-761139/2	10.0	6.04407	8.0	536416.0	0.604407	Y
5	STD16 460-761139/4	16.0	9.448741	8.0	575308.0	0.590546	Y
6	STD24 460-761139/3	24.0	14.123544	8.0	407611.0	0.588481	Y



Calibration / 2-tertbutyl-4-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

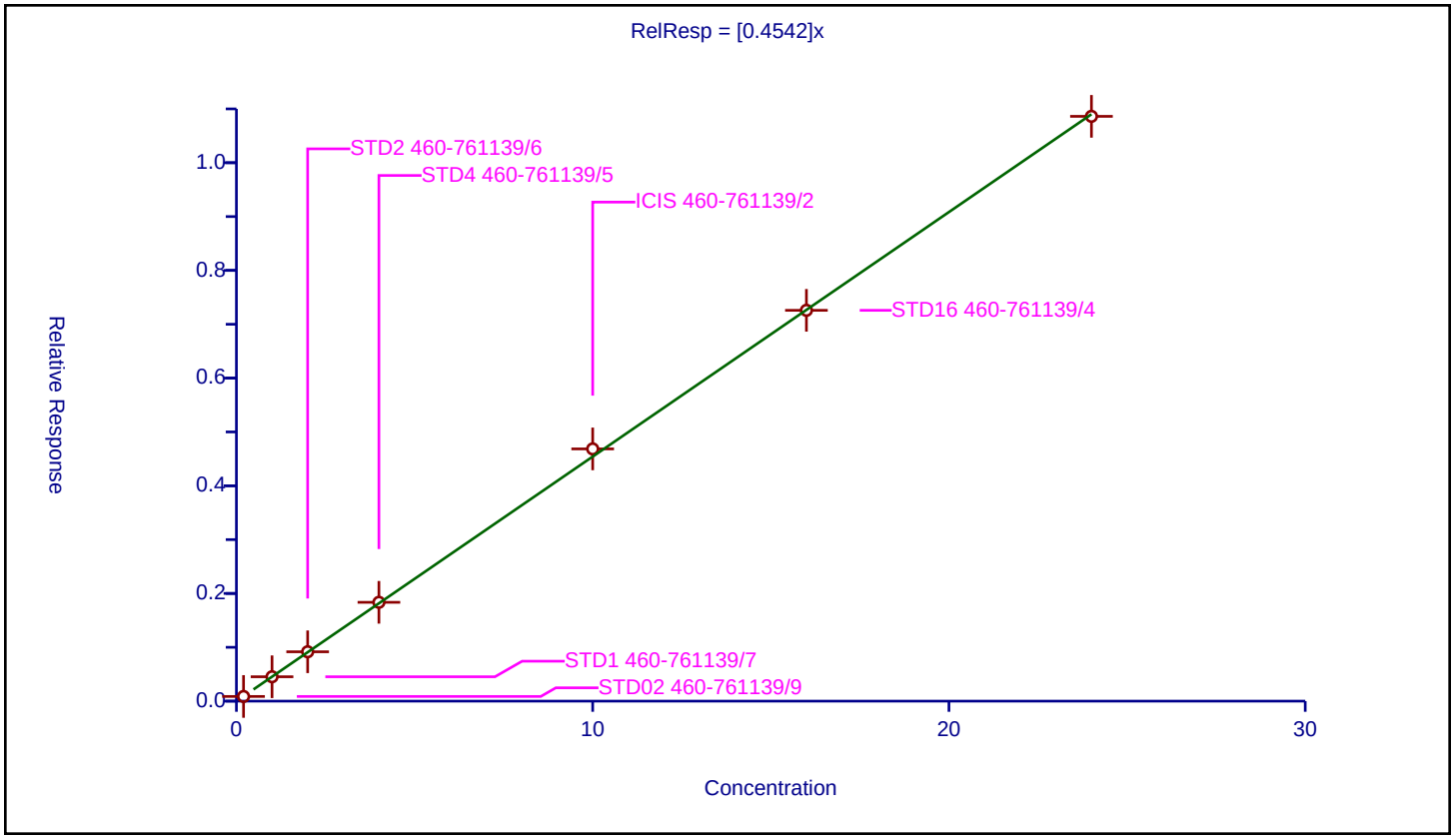
Curve Coefficients

Intercept:	0
Slope:	0.4542

Error Coefficients

Standard Error:	698000
Relative Standard Error:	2.3
Correlation Coefficient:	0.964
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.086858	8.0	930719.0	0.434288	Y
2	STD1 460-761139/7	1.0	0.452991	8.0	941899.0	0.452991	Y
3	STD2 460-761139/6	2.0	0.916978	8.0	965764.0	0.458489	Y
4	STD4 460-761139/5	4.0	1.835386	8.0	1004933.0	0.458847	Y
5	ICIS 460-761139/2	10.0	4.684861	8.0	1049136.0	0.468486	Y
6	STD16 460-761139/4	16.0	7.258564	8.0	1156610.0	0.45366	Y
7	STD24 460-761139/3	24.0	10.861414	8.0	864121.0	0.452559	Y



Calibration / 2,4,6-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

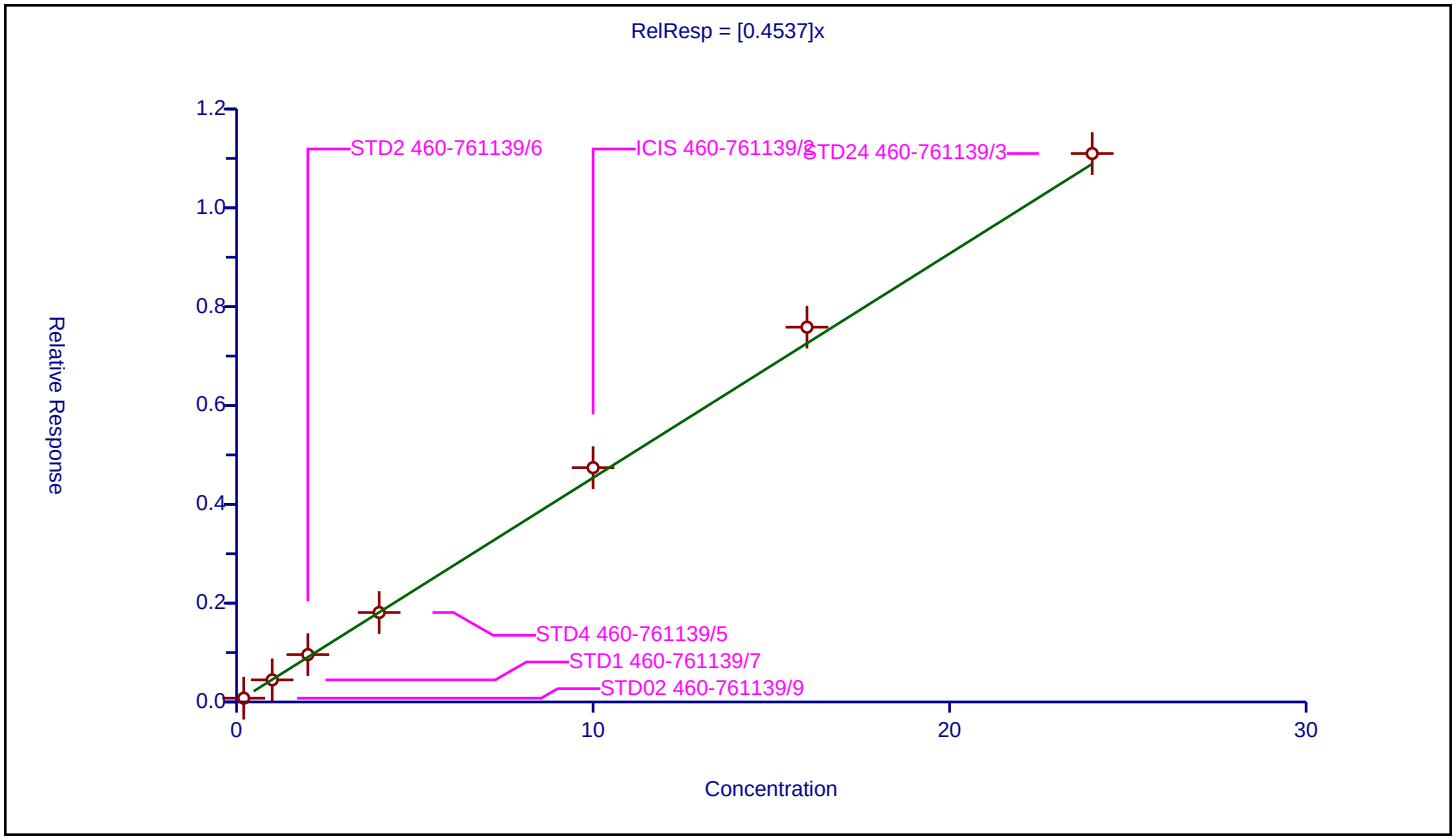
Curve Coefficients

Intercept:	0
Slope:	0.4537

Error Coefficients

Standard Error:	350000
Relative Standard Error:	7.2
Correlation Coefficient:	0.942
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.076995	8.0	514734.0	0.384976	Y
2	STD1 460-761139/7	1.0	0.447819	8.0	512921.0	0.447819	Y
3	STD2 460-761139/6	2.0	0.959414	8.0	495594.0	0.479707	Y
4	STD4 460-761139/5	4.0	1.810653	8.0	518951.0	0.452663	Y
5	ICIS 460-761139/2	10.0	4.742036	8.0	536416.0	0.474204	Y
6	STD16 460-761139/4	16.0	7.585224	8.0	575308.0	0.474076	Y
7	STD24 460-761139/3	24.0	11.09919	8.0	407611.0	0.462466	Y



Calibration / 2,4,5-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

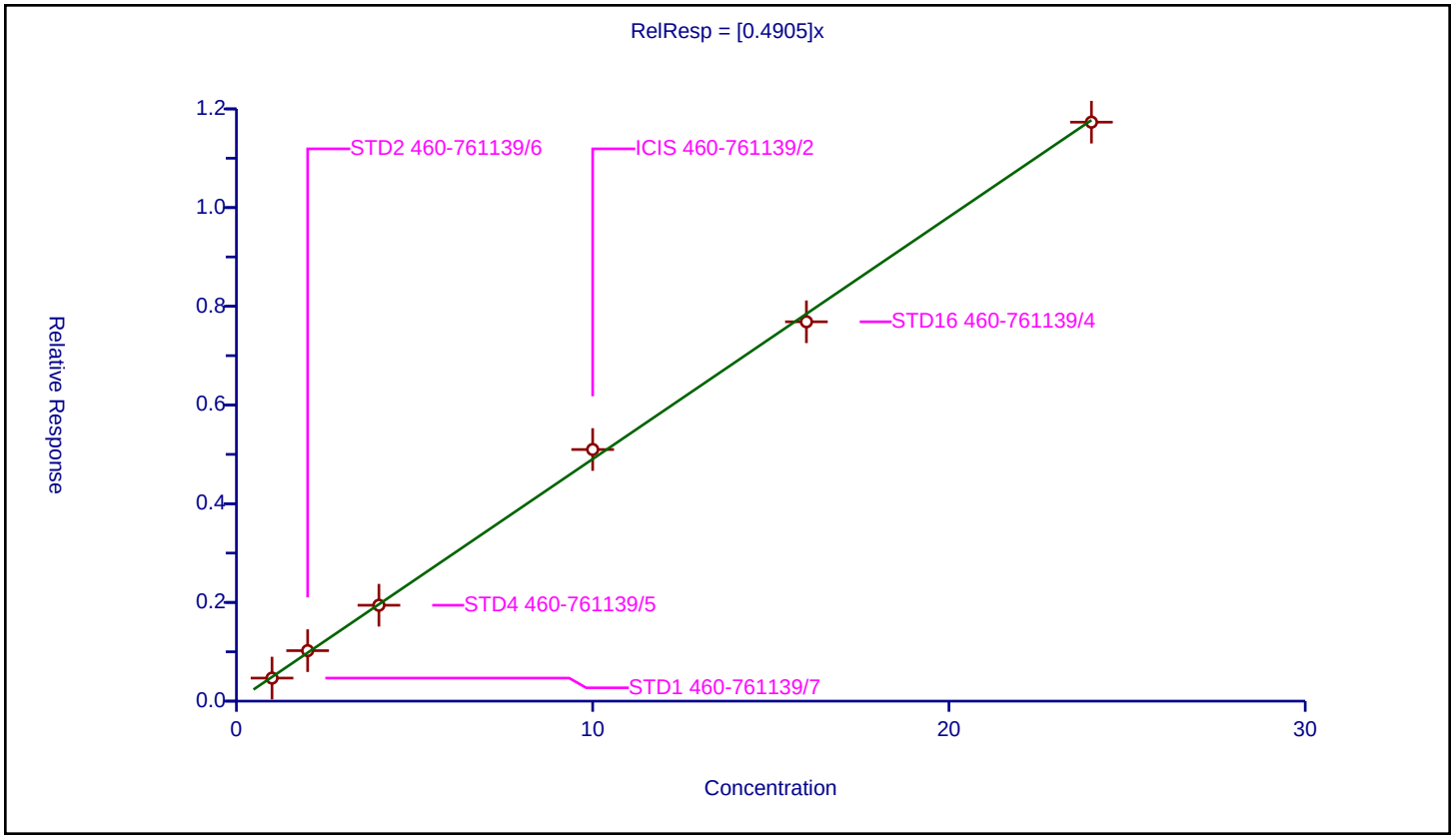
Curve Coefficients

Intercept:	0
Slope:	0.4905

Error Coefficients

Standard Error:	400000
Relative Standard Error:	3.5
Correlation Coefficient:	0.943
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.467019	8.0	512921.0	0.467019	Y
2	STD2 460-761139/6	2.0	1.022692	8.0	495594.0	0.511346	Y
3	STD4 460-761139/5	4.0	1.942842	8.0	518951.0	0.485711	Y
4	ICIS 460-761139/2	10.0	5.098178	8.0	536416.0	0.509818	Y
5	STD16 460-761139/4	16.0	7.686721	8.0	575308.0	0.48042	Y
6	STD24 460-761139/3	24.0	11.731047	8.0	407611.0	0.488794	Y



Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

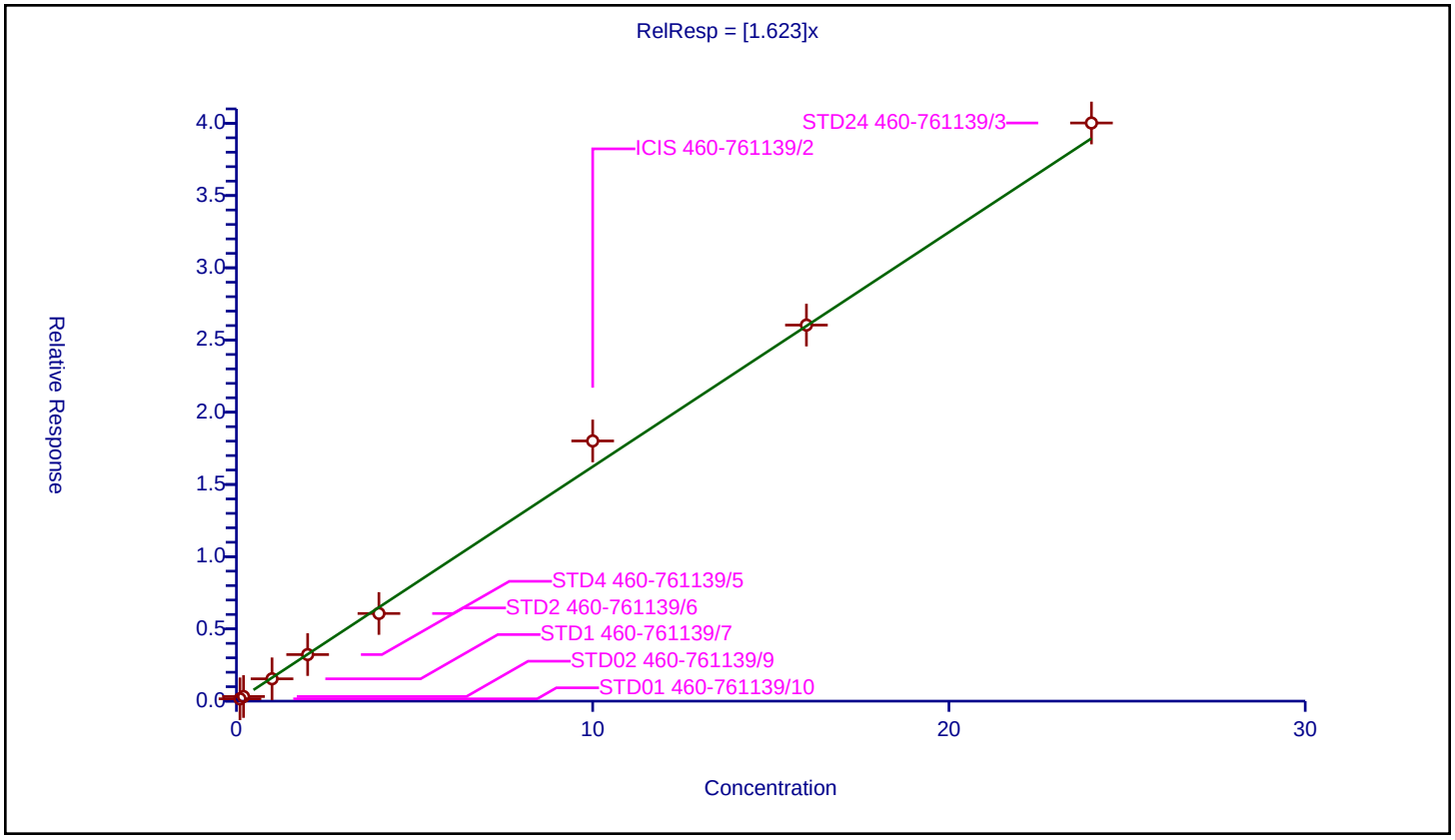
Curve Coefficients

Intercept:	0
Slope:	1.623

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	5.3
Correlation Coefficient:	0.955
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.161591	8.0	565923.0	1.615909	Y
2	STD02 460-761139/9	0.2	0.319513	8.0	514734.0	1.597563	Y
3	STD1 460-761139/7	1.0	1.546515	8.0	512921.0	1.546515	Y
4	STD2 460-761139/6	2.0	3.224591	8.0	495594.0	1.612296	Y
5	STD4 460-761139/5	4.0	6.069475	8.0	518951.0	1.517369	Y
6	ICIS 460-761139/2	10.0	18.012334	8.0	536416.0	1.801233	Y
7	STD16 460-761139/4	16.0	26.034069	8.0	575308.0	1.627129	Y
8	STD24 460-761139/3	24.0	40.023689	8.0	407611.0	1.667654	Y



Calibration / 1,1'-Biphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

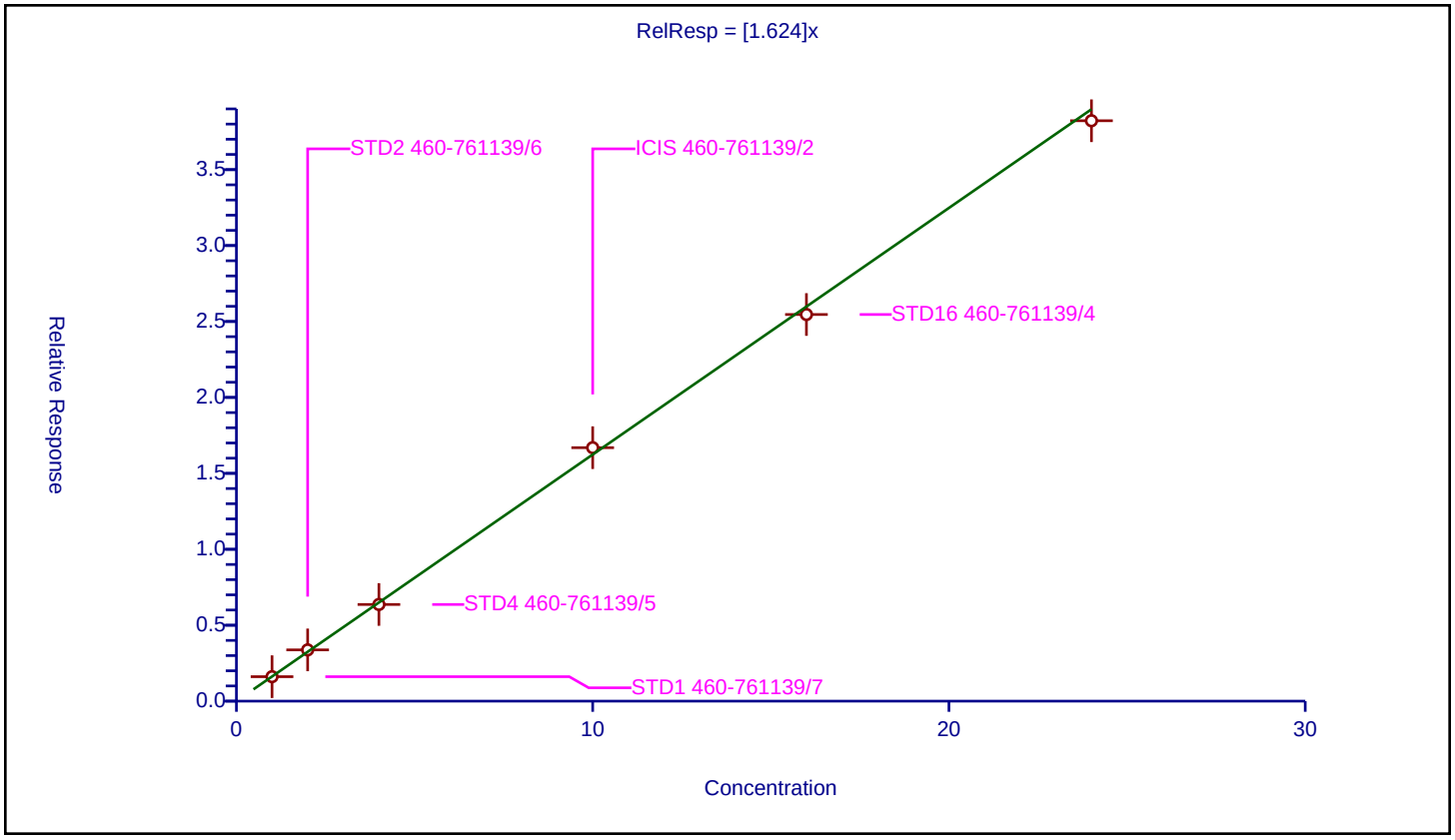
Curve Coefficients

Intercept:	0
Slope:	1.624

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	2.7
Correlation Coefficient:	0.938
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.611211	8.0	512921.0	1.611211	Y
2	STD2 460-761139/6	2.0	3.375973	8.0	495594.0	1.687987	Y
3	STD4 460-761139/5	4.0	6.365472	8.0	518951.0	1.591368	Y
4	ICIS 460-761139/2	10.0	16.689838	8.0	536416.0	1.668984	Y
5	STD16 460-761139/4	16.0	25.460616	8.0	575308.0	1.591288	Y
6	STD24 460-761139/3	24.0	38.220107	8.0	407611.0	1.592504	Y



Calibration / 2-Chloronaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

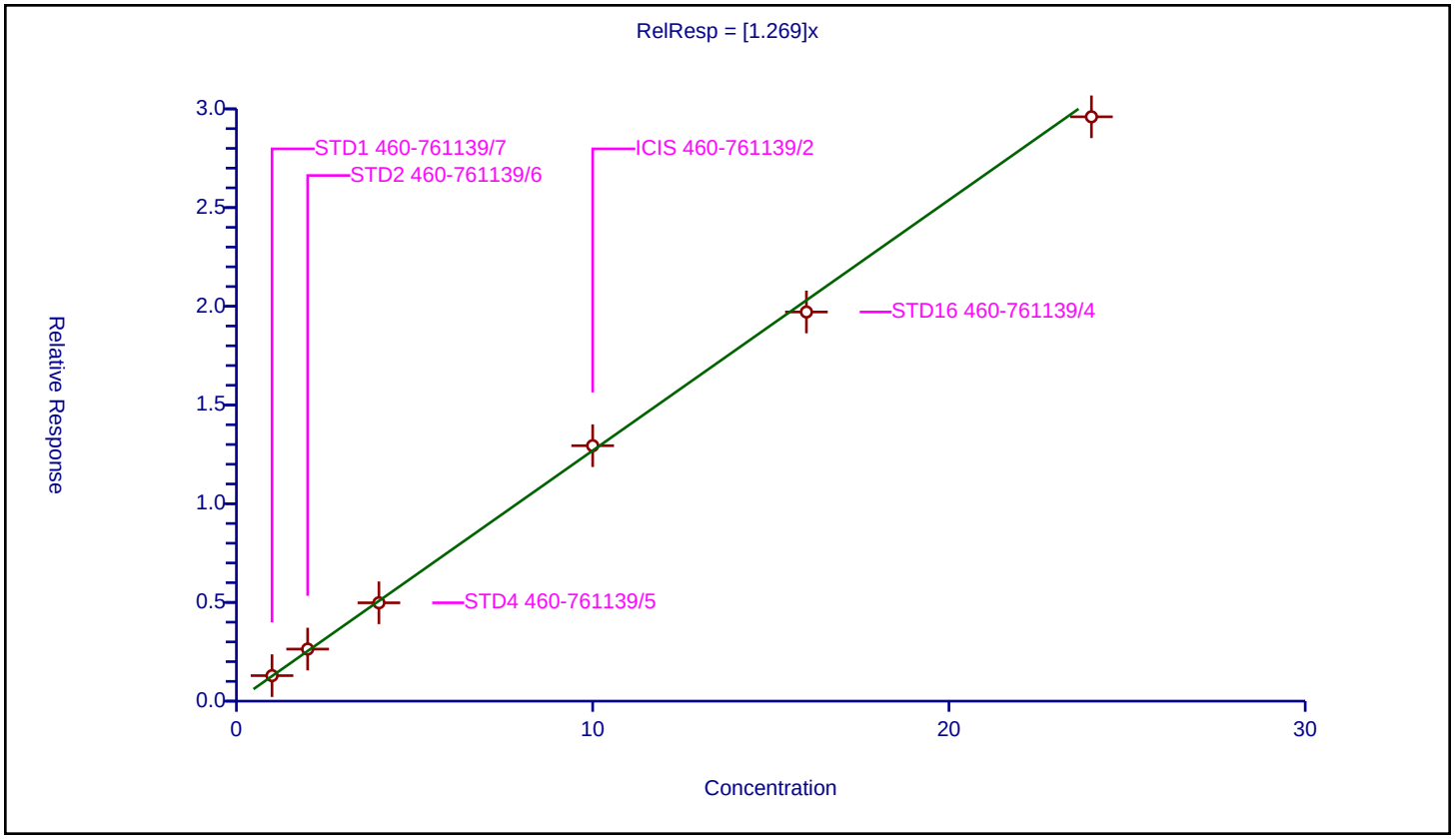
Curve Coefficients

Intercept:	0
Slope:	1.269

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	2.9
Correlation Coefficient:	0.938
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.291489	8.0	512921.0	1.291489	Y
2	STD2 460-761139/6	2.0	2.63753	8.0	495594.0	1.318765	Y
3	STD4 460-761139/5	4.0	4.98185	8.0	518951.0	1.245462	Y
4	ICIS 460-761139/2	10.0	12.939868	8.0	536416.0	1.293987	Y
5	STD16 460-761139/4	16.0	19.713016	8.0	575308.0	1.232064	Y
6	STD24 460-761139/3	24.0	29.59926	8.0	407611.0	1.233303	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

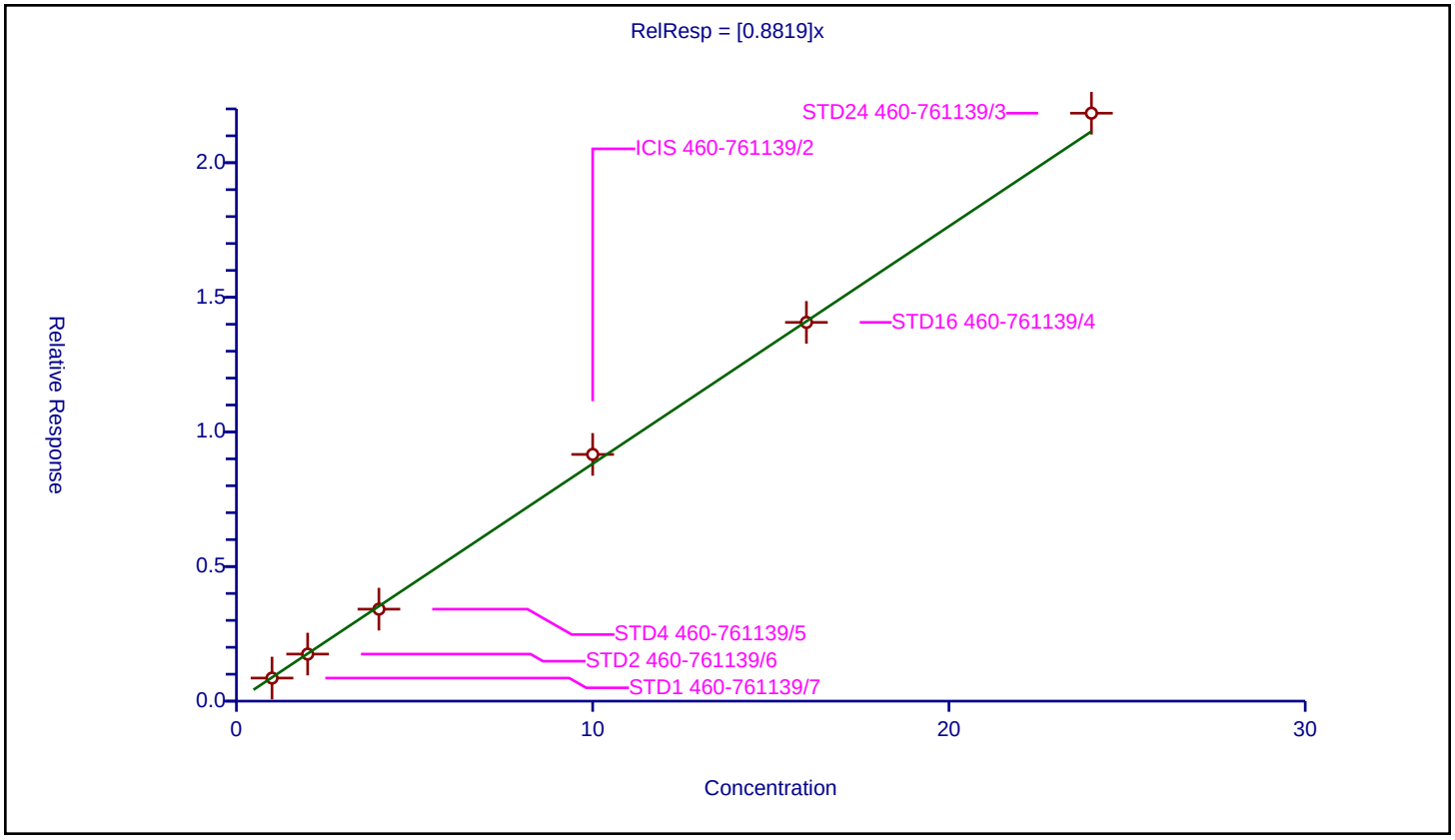
Curve Coefficients

Intercept:	0
Slope:	0.8819

Error Coefficients

Standard Error:	735000
Relative Standard Error:	3.0
Correlation Coefficient:	0.950
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.857192	8.0	512921.0	0.857192	Y
2	STD2 460-761139/6	2.0	1.747785	8.0	495594.0	0.873893	Y
3	STD4 460-761139/5	4.0	3.417109	8.0	518951.0	0.854277	Y
4	ICIS 460-761139/2	10.0	9.164842	8.0	536416.0	0.916484	Y
5	STD16 460-761139/4	16.0	14.068874	8.0	575308.0	0.879305	Y
6	STD24 460-761139/3	24.0	21.840883	8.0	407611.0	0.910037	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

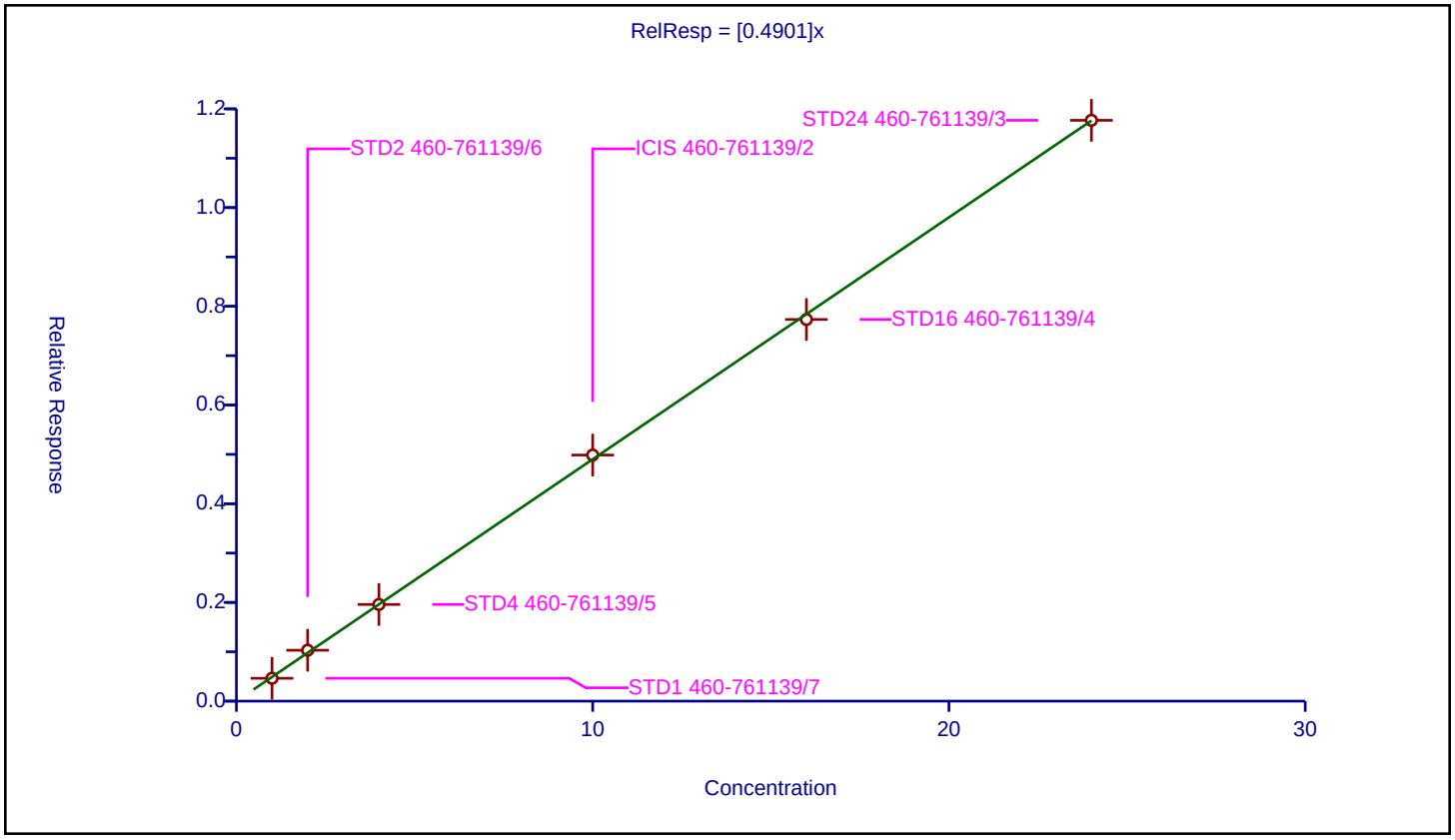
Curve Coefficients

Intercept:	0
Slope:	0.4901

Error Coefficients

Standard Error:	400000
Relative Standard Error:	3.5
Correlation Coefficient:	0.944
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.463136	8.0	512921.0	0.463136	Y
2	STD2 460-761139/6	2.0	1.03086	8.0	495594.0	0.51543	Y
3	STD4 460-761139/5	4.0	1.958674	8.0	518951.0	0.489669	Y
4	ICIS 460-761139/2	10.0	4.986085	8.0	536416.0	0.498609	Y
5	STD16 460-761139/4	16.0	7.73375	8.0	575308.0	0.483359	Y
6	STD24 460-761139/3	24.0	11.768711	8.0	407611.0	0.490363	Y



Calibration / 1,3-Dimethylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

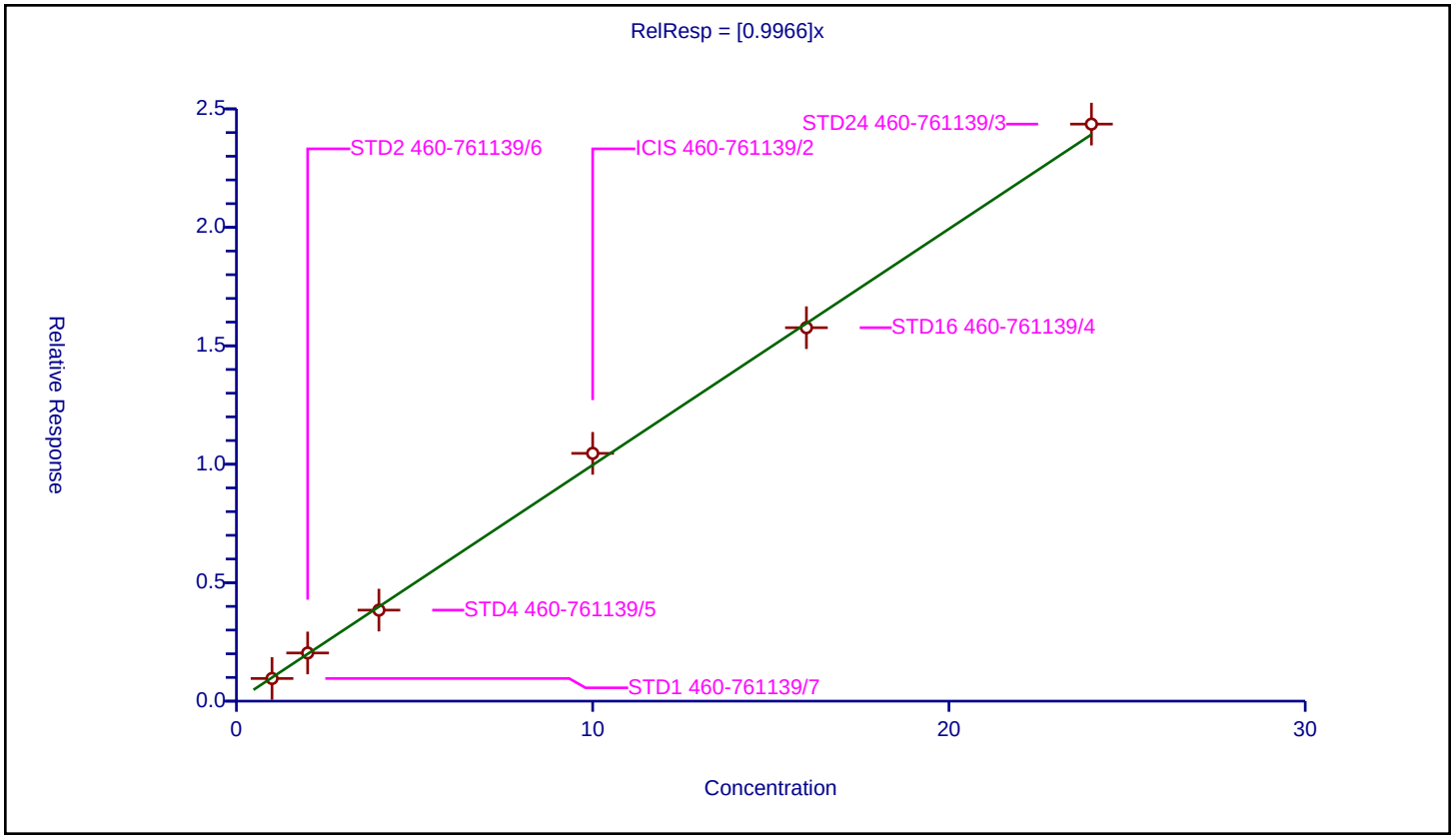
Curve Coefficients

Intercept:	0
Slope:	0.9966

Error Coefficients

Standard Error:	824000
Relative Standard Error:	3.5
Correlation Coefficient:	0.947
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.956576	8.0	512921.0	0.956576	Y
2	STD2 460-761139/6	2.0	2.032922	8.0	495594.0	1.016461	Y
3	STD4 460-761139/5	4.0	3.842382	8.0	518951.0	0.960596	Y
4	ICIS 460-761139/2	10.0	10.459792	8.0	536416.0	1.045979	Y
5	STD16 460-761139/4	16.0	15.764286	8.0	575308.0	0.985268	Y
6	STD24 460-761139/3	24.0	24.357831	8.0	407611.0	1.01491	Y



Calibration / Dimethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

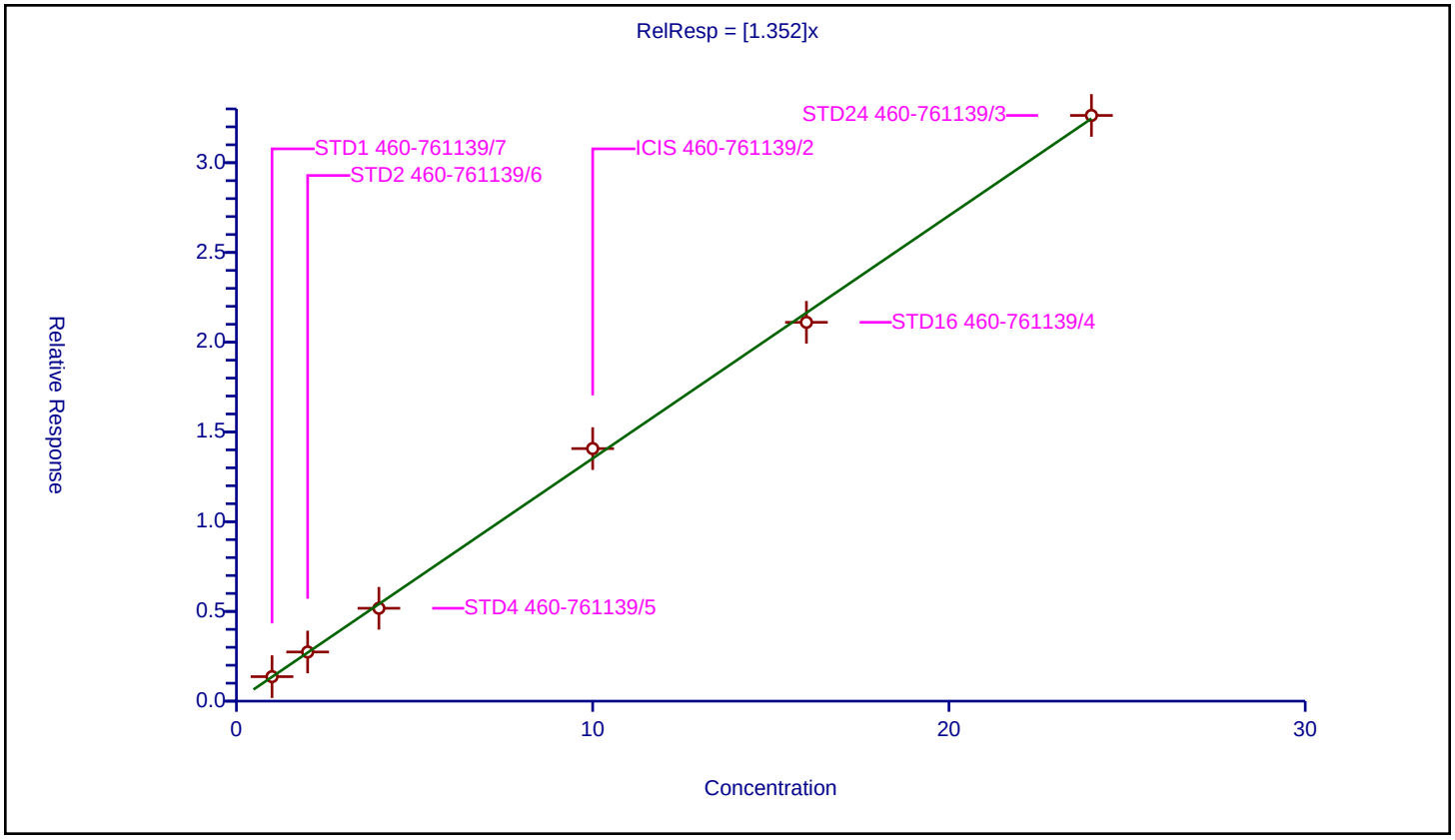
Curve Coefficients

Intercept:	0
Slope:	1.352

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	3.0
Correlation Coefficient:	0.947
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.36492	8.0	512921.0	1.36492	Y
2	STD2 460-761139/6	2.0	2.739339	8.0	495594.0	1.36967	Y
3	STD4 460-761139/5	4.0	5.175564	8.0	518951.0	1.293891	Y
4	ICIS 460-761139/2	10.0	14.072078	8.0	536416.0	1.407208	Y
5	STD16 460-761139/4	16.0	21.108457	8.0	575308.0	1.319279	Y
6	STD24 460-761139/3	24.0	32.634998	8.0	407611.0	1.359792	Y



Calibration / Coumarin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

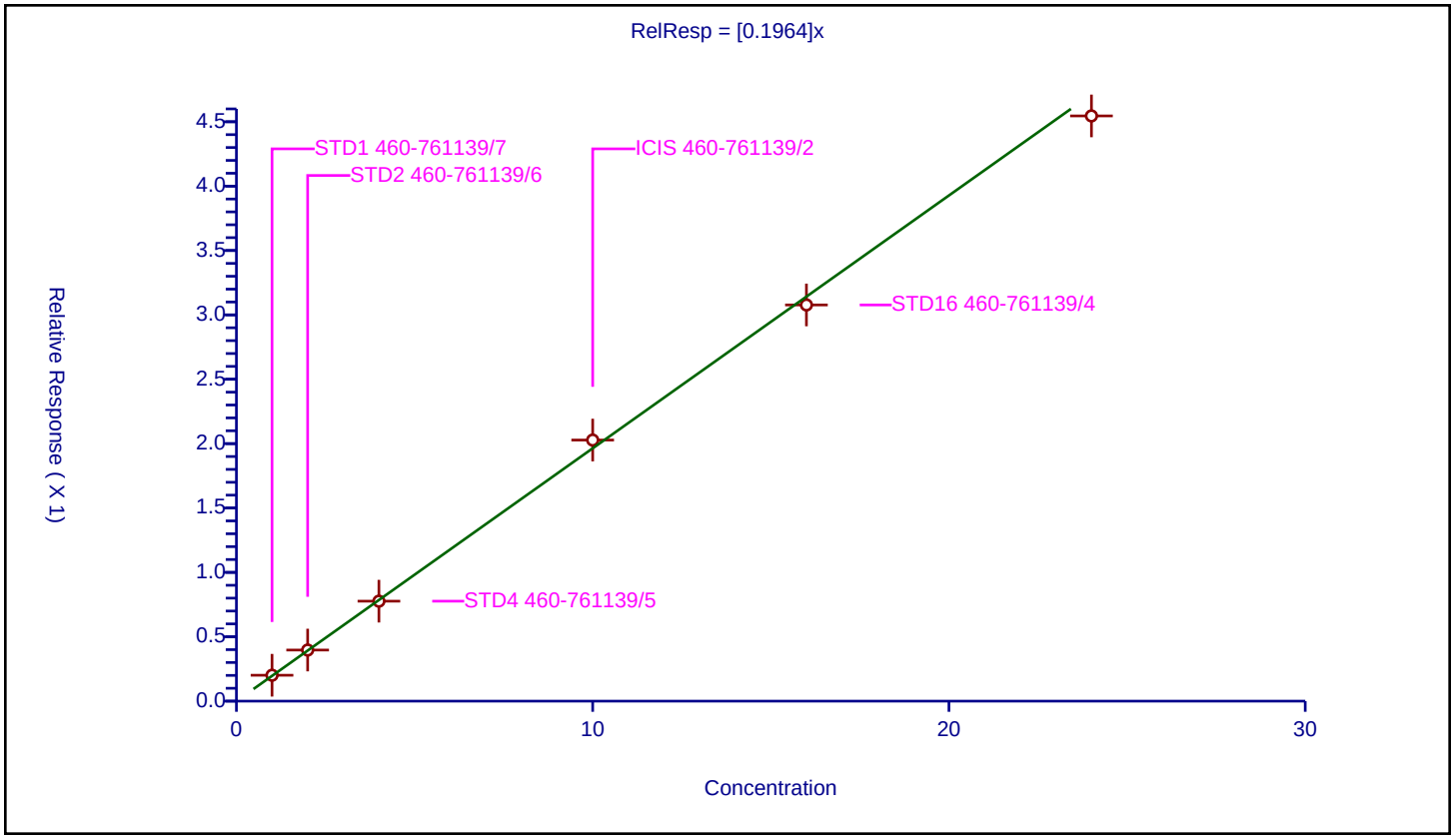
Curve Coefficients

Intercept:	0
Slope:	0.1964

Error Coefficients

Standard Error:	323000
Relative Standard Error:	2.7
Correlation Coefficient:	0.952
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.201211	8.0	941899.0	0.201211	Y
2	STD2 460-761139/6	2.0	0.396851	8.0	965764.0	0.198425	Y
3	STD4 460-761139/5	4.0	0.776474	8.0	1004933.0	0.194118	Y
4	ICIS 460-761139/2	10.0	2.027863	8.0	1049136.0	0.202786	Y
5	STD16 460-761139/4	16.0	3.077207	8.0	1156610.0	0.192325	Y
6	STD24 460-761139/3	24.0	4.545456	8.0	864121.0	0.189394	Y



Calibration / 2,6-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

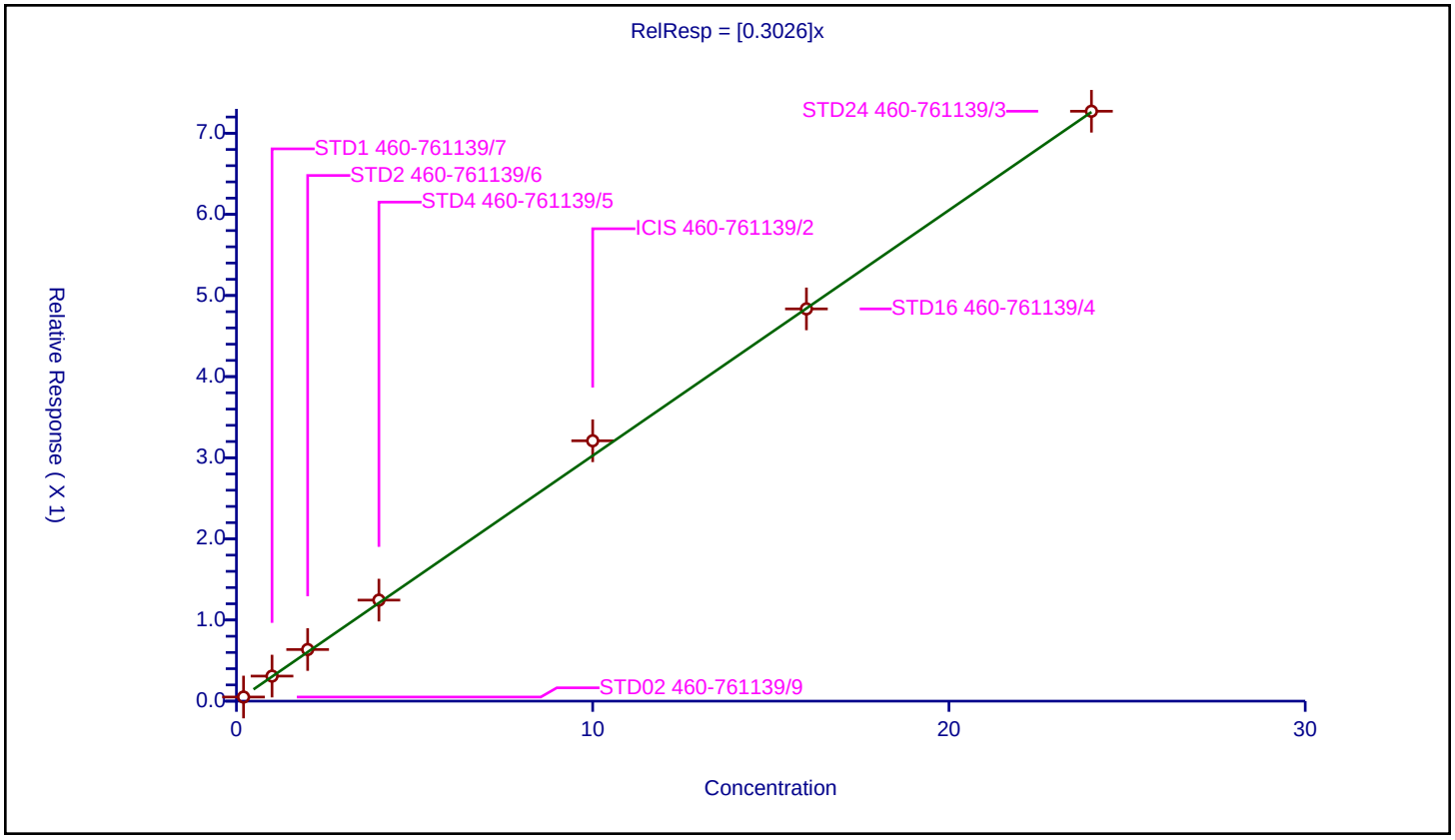
Curve Coefficients

Intercept:	0
Slope:	0.3026

Error Coefficients

Standard Error:	228000
Relative Standard Error:	7.5
Correlation Coefficient:	0.947
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.050745	8.0	514734.0	0.253723	Y
2	STD1 460-761139/7	1.0	0.308664	8.0	512921.0	0.308664	Y
3	STD2 460-761139/6	2.0	0.636376	8.0	495594.0	0.318188	Y
4	STD4 460-761139/5	4.0	1.245281	8.0	518951.0	0.31132	Y
5	ICIS 460-761139/2	10.0	3.209062	8.0	536416.0	0.320906	Y
6	STD16 460-761139/4	16.0	4.835017	8.0	575308.0	0.302189	Y
7	STD24 460-761139/3	24.0	7.27103	8.0	407611.0	0.30296	Y



Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

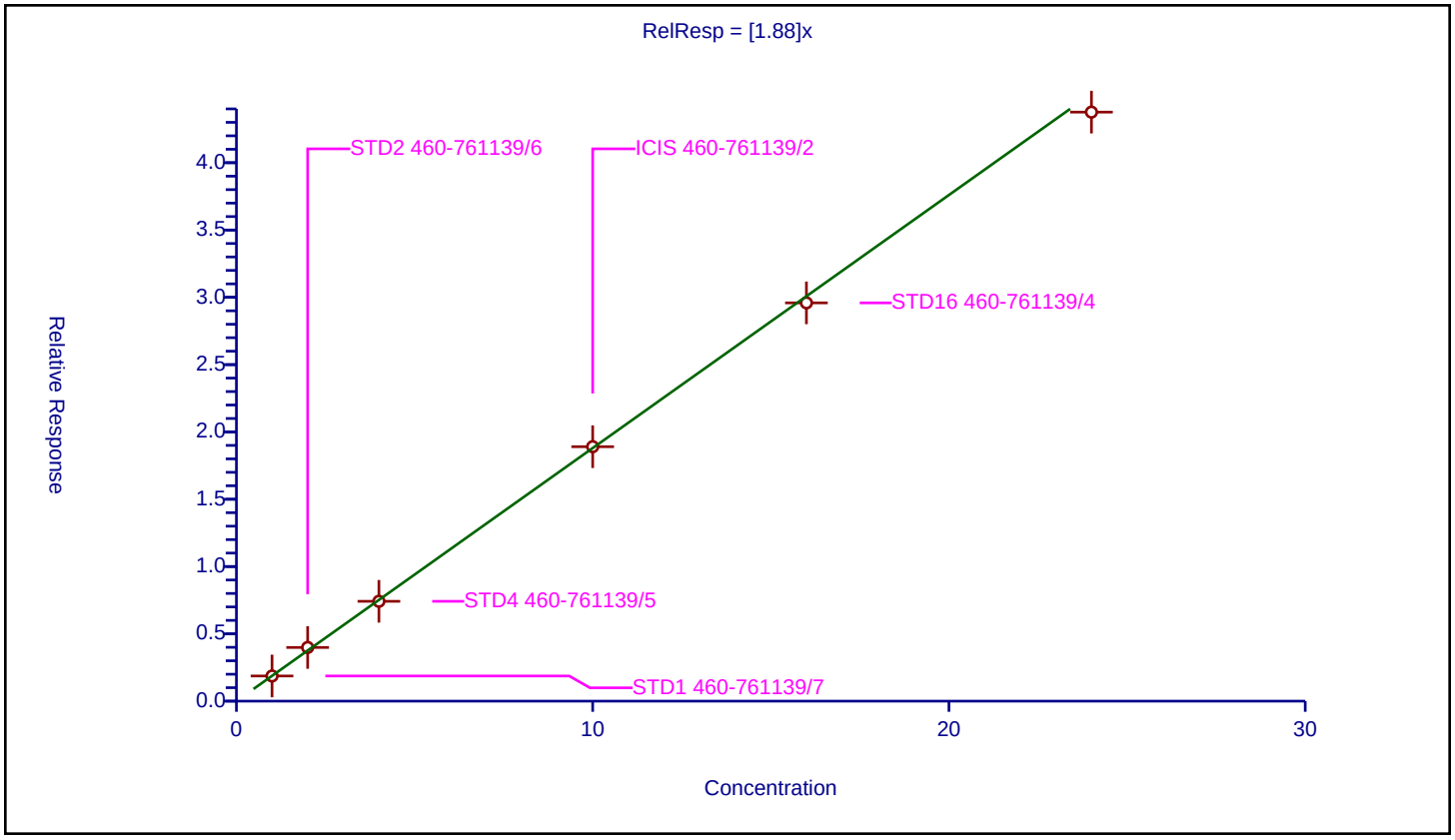
Curve Coefficients

Intercept:	0
Slope:	1.88

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	3.2
Correlation Coefficient:	0.935
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.869684	8.0	512921.0	1.869684	Y
2	STD2 460-761139/6	2.0	3.988103	8.0	495594.0	1.994052	Y
3	STD4 460-761139/5	4.0	7.4167	8.0	518951.0	1.854175	Y
4	ICIS 460-761139/2	10.0	18.902852	8.0	536416.0	1.890285	Y
5	STD16 460-761139/4	16.0	29.588561	8.0	575308.0	1.849285	Y
6	STD24 460-761139/3	24.0	43.759585	8.0	407611.0	1.823316	Y



Calibration / 3-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

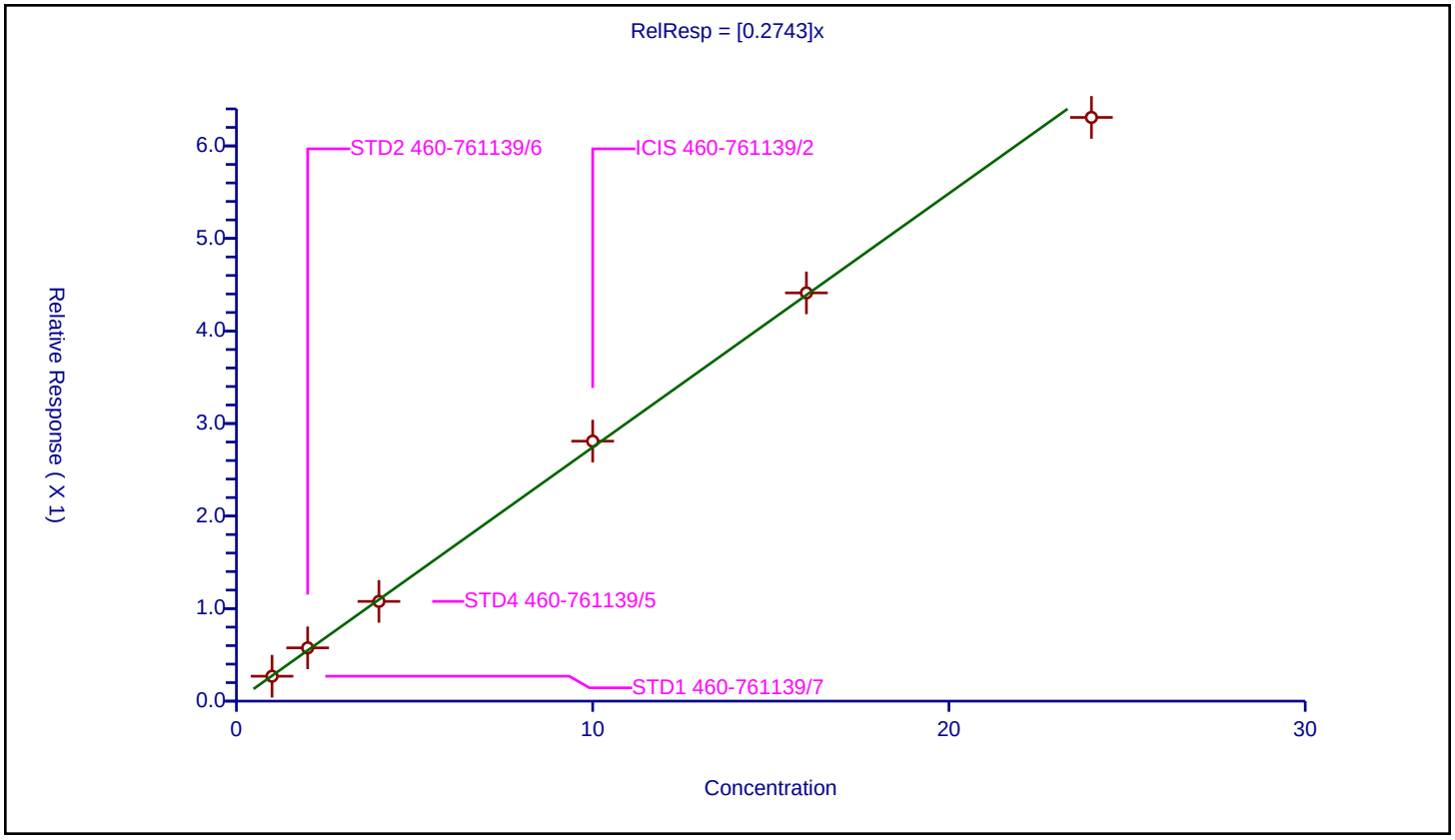
Curve Coefficients

Intercept:	0
Slope:	0.2743

Error Coefficients

Standard Error:	222000
Relative Standard Error:	3.3
Correlation Coefficient:	0.921
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.269141	8.0	512921.0	0.269141	Y
2	STD2 460-761139/6	2.0	0.575713	8.0	495594.0	0.287857	Y
3	STD4 460-761139/5	4.0	1.077635	8.0	518951.0	0.269409	Y
4	ICIS 460-761139/2	10.0	2.809372	8.0	536416.0	0.280937	Y
5	STD16 460-761139/4	16.0	4.411884	8.0	575308.0	0.275743	Y
6	STD24 460-761139/3	24.0	6.307759	8.0	407611.0	0.262823	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

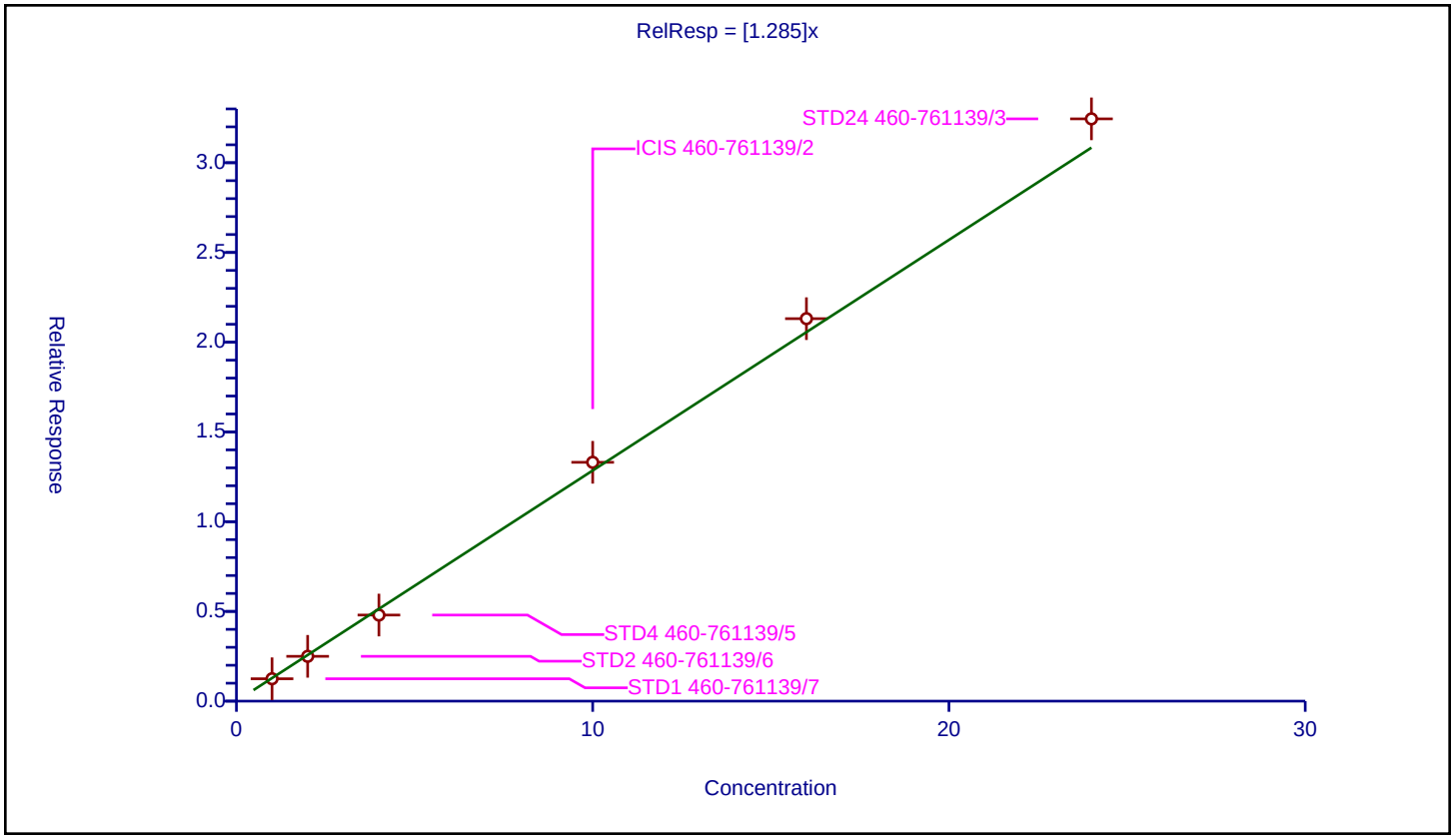
Curve Coefficients

Intercept:	0
Slope:	1.285

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	4.8
Correlation Coefficient:	0.946
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.24749	8.0	512921.0	1.24749	Y
2	STD2 460-761139/6	2.0	2.497528	8.0	495594.0	1.248764	Y
3	STD4 460-761139/5	4.0	4.796877	8.0	518951.0	1.199219	Y
4	ICIS 460-761139/2	10.0	13.308432	8.0	536416.0	1.330843	Y
5	STD16 460-761139/4	16.0	21.312313	8.0	575308.0	1.33202	Y
6	STD24 460-761139/3	24.0	32.444777	8.0	407611.0	1.351866	Y



Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

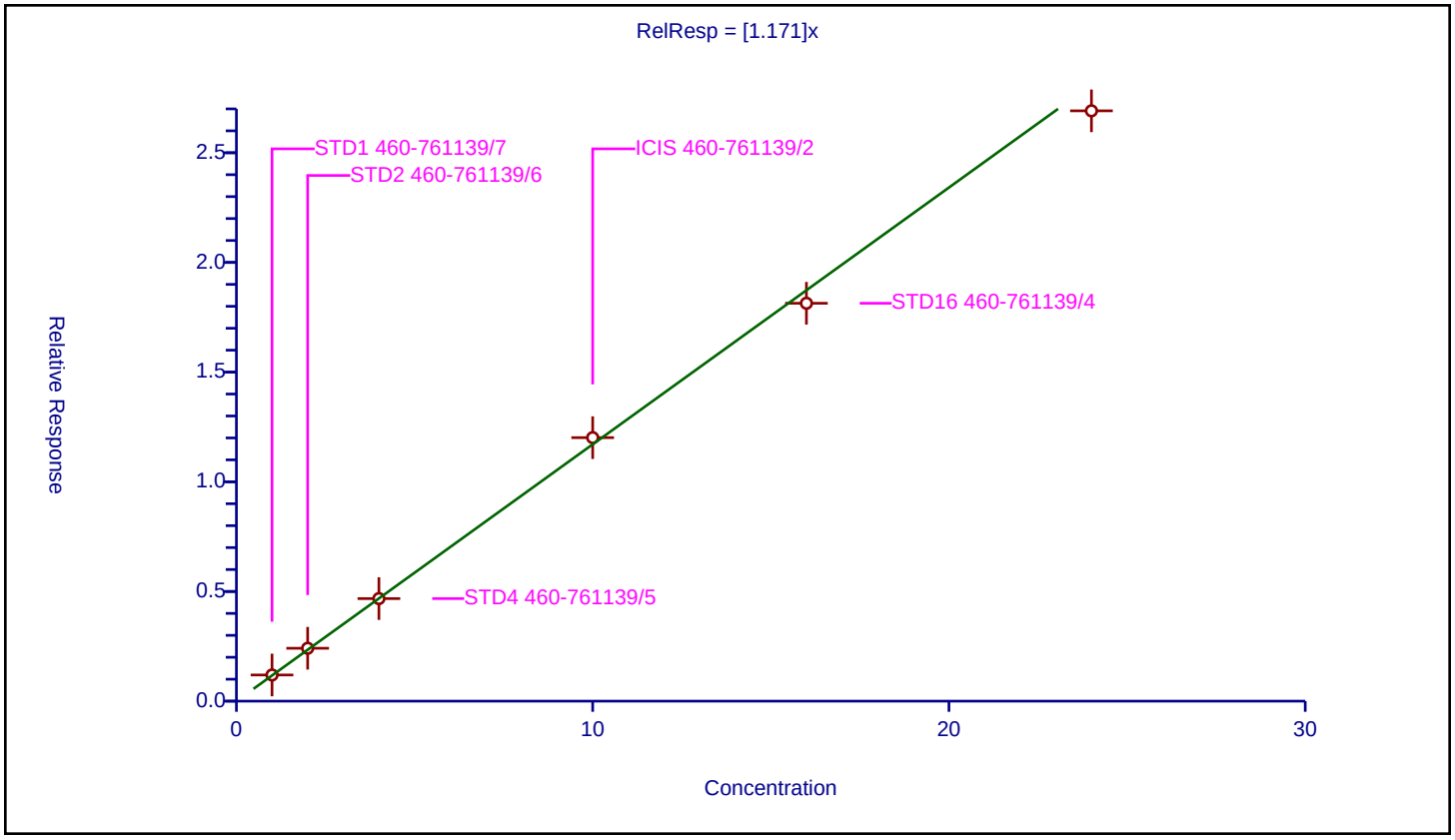
Curve Coefficients

Intercept:	0
Slope:	1.171

Error Coefficients

Standard Error:	933000
Relative Standard Error:	3.1
Correlation Coefficient:	0.933
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.193447	8.0	512921.0	1.193447	Y
2	STD2 460-761139/6	2.0	2.411199	8.0	495594.0	1.2056	Y
3	STD4 460-761139/5	4.0	4.675941	8.0	518951.0	1.168985	Y
4	ICIS 460-761139/2	10.0	12.012796	8.0	536416.0	1.20128	Y
5	STD16 460-761139/4	16.0	18.138847	8.0	575308.0	1.133678	Y
6	STD24 460-761139/3	24.0	26.911011	8.0	407611.0	1.121292	Y



Calibration / 2,4-Dinitrophenol

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

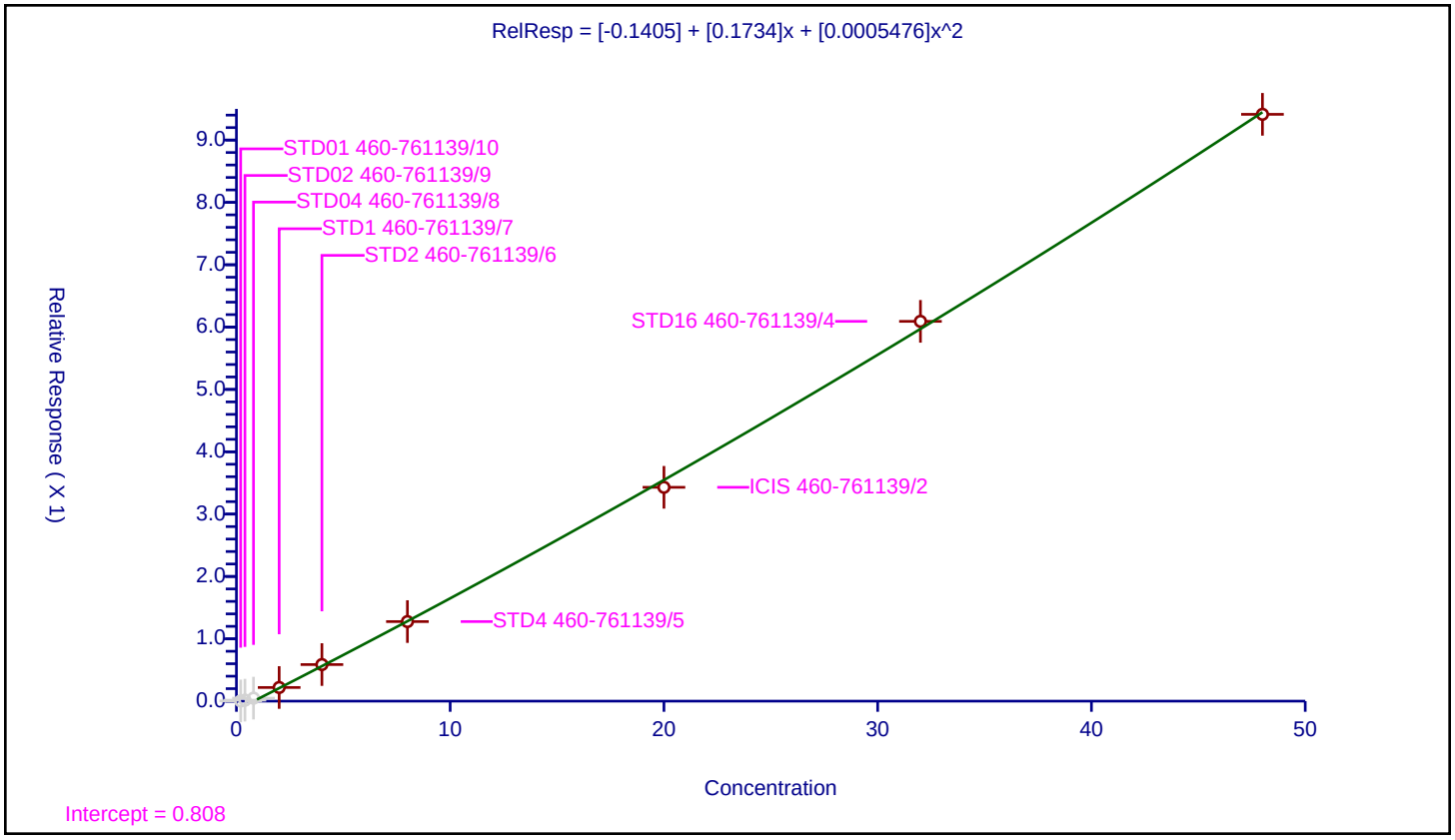
Curve Coefficients

Intercept:	-0.1405
Slope:	0.1734
Second Order:	0.0005476

Error Coefficients

Standard Error:	401000
Relative Standard Error:	3.3
Correlation Coefficient:	0.941
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.2	0.003223	8.0	565923.0	0.016115	N
2	STD02 460-761139/9	0.4	0.015387	8.0	514734.0	0.038466	N
3	STD04 460-761139/8	0.8	0.048096	8.0	555883.0	0.060121	N
4	STD1 460-761139/7	2.0	0.218888	8.0	512921.0	0.109444	Y
5	STD2 460-761139/6	4.0	0.58698	8.0	495594.0	0.146745	Y
6	STD4 460-761139/5	8.0	1.276313	8.0	518951.0	0.159539	Y
7	ICIS 460-761139/2	20.0	3.430159	8.0	536416.0	0.171508	Y
8	STD16 460-761139/4	32.0	6.091972	8.0	575308.0	0.190374	Y
9	STD24 460-761139/3	48.0	9.412896	8.0	407611.0	0.196102	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

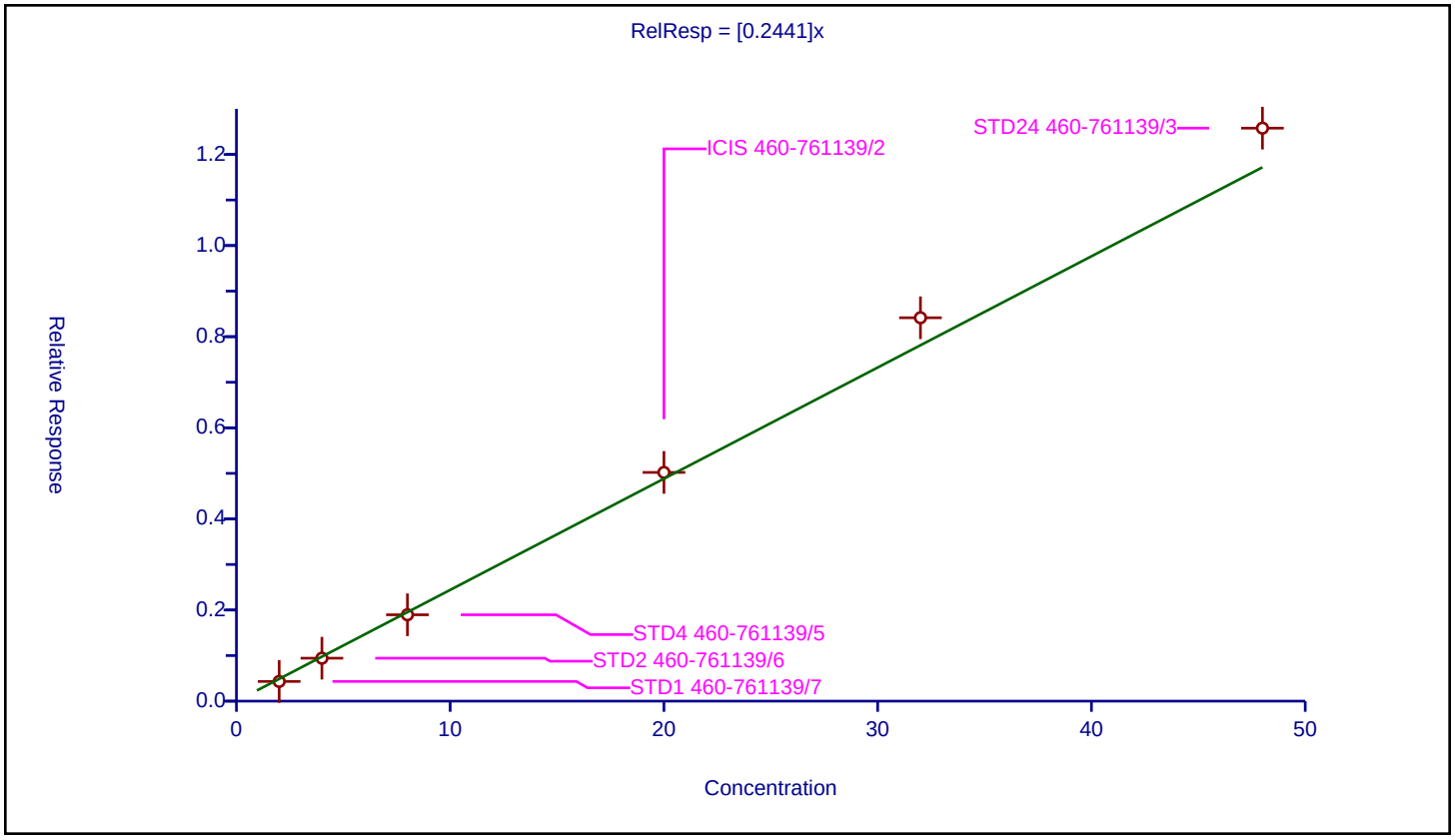
Curve Coefficients

Intercept:	0
Slope:	0.2441

Error Coefficients

Standard Error:	427000
Relative Standard Error:	7.4
Correlation Coefficient:	0.941
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	2.0	0.432223	8.0	512921.0	0.216111	Y
2	STD2 460-761139/6	4.0	0.942546	8.0	495594.0	0.235636	Y
3	STD4 460-761139/5	8.0	1.895424	8.0	518951.0	0.236928	Y
4	ICIS 460-761139/2	20.0	5.020521	8.0	536416.0	0.251026	Y
5	STD16 460-761139/4	32.0	8.415555	8.0	575308.0	0.262986	Y
6	STD24 460-761139/3	48.0	12.577403	8.0	407611.0	0.262029	Y



Calibration / 2,4-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

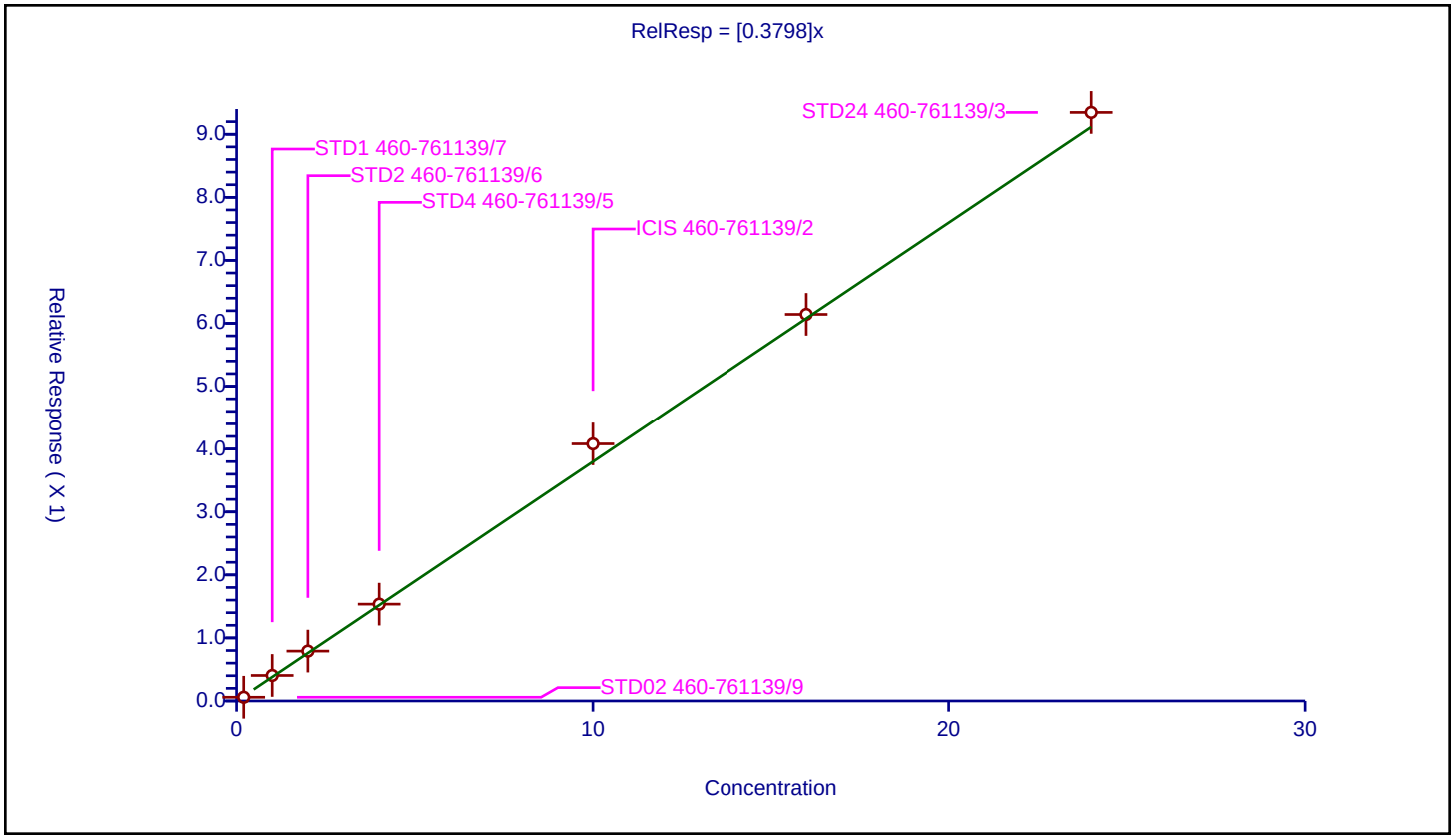
Curve Coefficients

Intercept:	0
Slope:	0.3798

Error Coefficients

Standard Error:	291000
Relative Standard Error:	10.3
Correlation Coefficient:	0.950
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.058764	8.0	514734.0	0.293822	Y
2	STD1 460-761139/7	1.0	0.404179	8.0	512921.0	0.404179	Y
3	STD2 460-761139/6	2.0	0.790841	8.0	495594.0	0.39542	Y
4	STD4 460-761139/5	4.0	1.535451	8.0	518951.0	0.383863	Y
5	ICIS 460-761139/2	10.0	4.081623	8.0	536416.0	0.408162	Y
6	STD16 460-761139/4	16.0	6.142324	8.0	575308.0	0.383895	Y
7	STD24 460-761139/3	24.0	9.346205	8.0	407611.0	0.389425	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

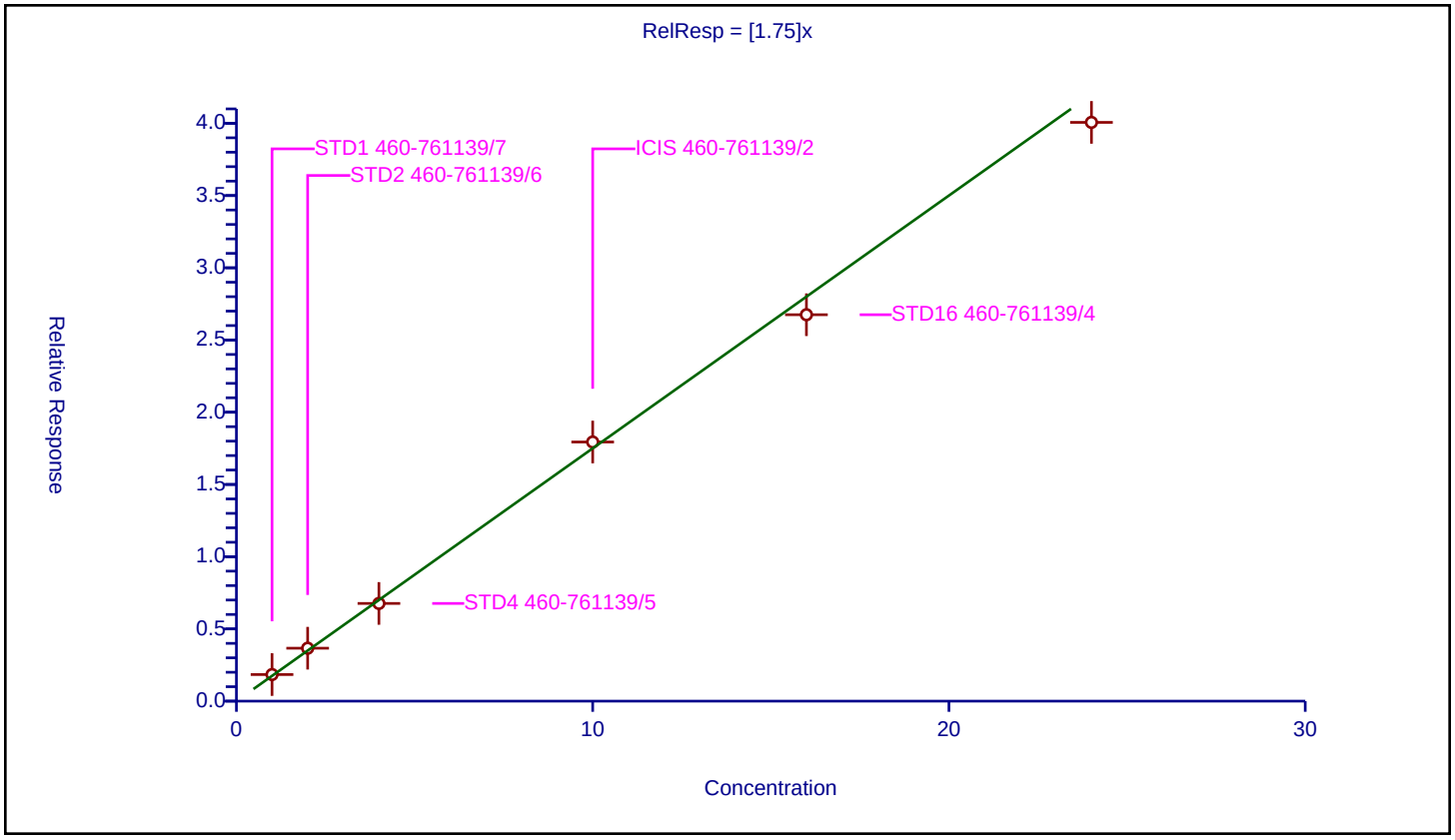
Curve Coefficients

Intercept:	0
Slope:	1.75

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	4.7
Correlation Coefficient:	0.936
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.841687	8.0	512921.0	1.841687	Y
2	STD2 460-761139/6	2.0	3.664629	8.0	495594.0	1.832314	Y
3	STD4 460-761139/5	4.0	6.764014	8.0	518951.0	1.691004	Y
4	ICIS 460-761139/2	10.0	17.939599	8.0	536416.0	1.79396	Y
5	STD16 460-761139/4	16.0	26.750986	8.0	575308.0	1.671937	Y
6	STD24 460-761139/3	24.0	40.065631	8.0	407611.0	1.669401	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

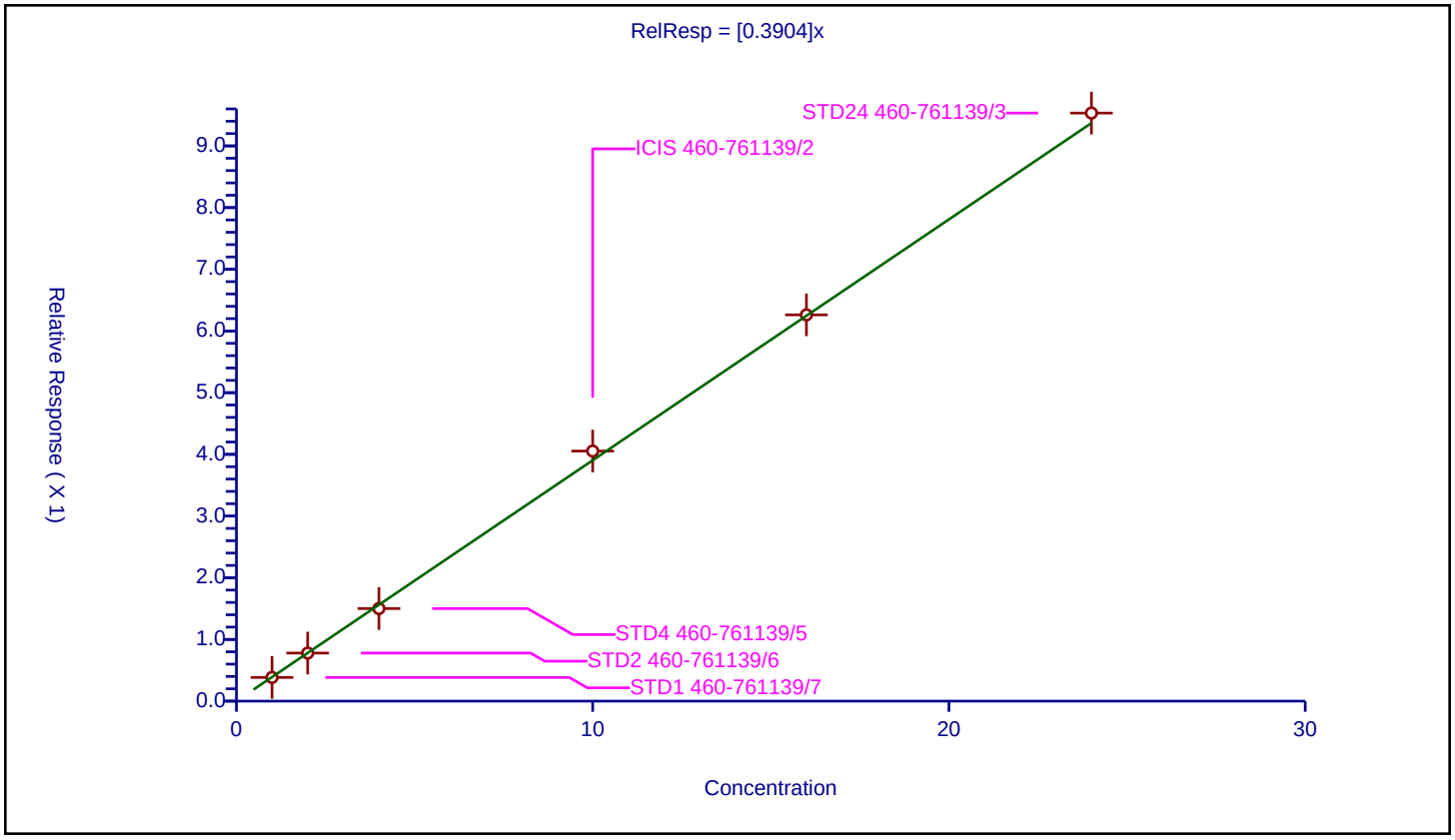
Curve Coefficients

Intercept:	0
Slope:	0.3904

Error Coefficients

Standard Error:	324000
Relative Standard Error:	2.7
Correlation Coefficient:	0.944
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.383903	8.0	512921.0	0.383903	Y
2	STD2 460-761139/6	2.0	0.779202	8.0	495594.0	0.389601	Y
3	STD4 460-761139/5	4.0	1.500704	8.0	518951.0	0.375176	Y
4	ICIS 460-761139/2	10.0	4.053824	8.0	536416.0	0.405382	Y
5	STD16 460-761139/4	16.0	6.261495	8.0	575308.0	0.391343	Y
6	STD24 460-761139/3	24.0	9.532638	8.0	407611.0	0.397193	Y



Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

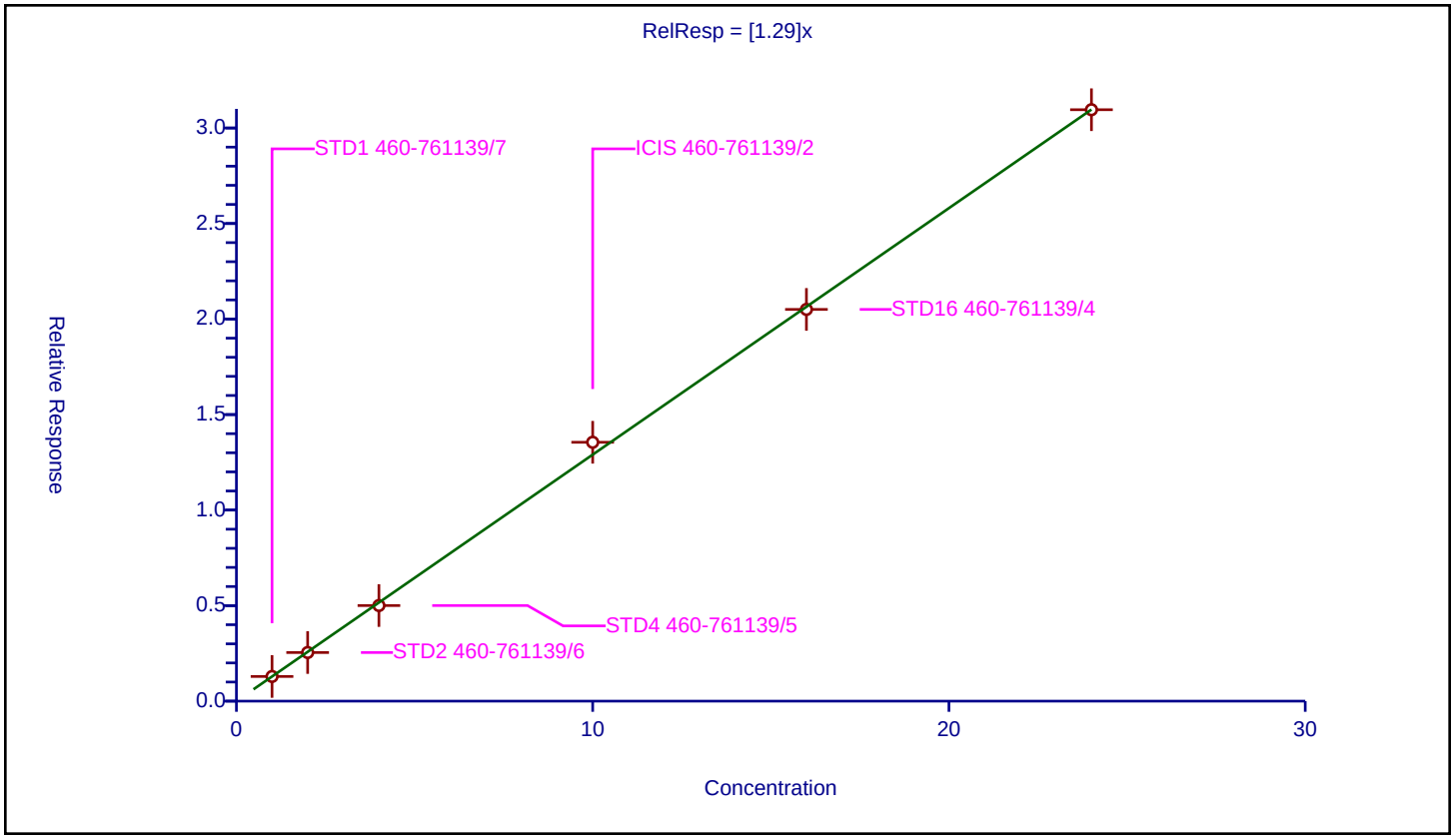
Curve Coefficients

Intercept:	0
Slope:	1.29

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	2.7
Correlation Coefficient:	0.939
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.291567	8.0	512921.0	1.291567	Y
2	STD2 460-761139/6	2.0	2.54468	8.0	495594.0	1.27234	Y
3	STD4 460-761139/5	4.0	5.004573	8.0	518951.0	1.251143	Y
4	ICIS 460-761139/2	10.0	13.550498	8.0	536416.0	1.35505	Y
5	STD16 460-761139/4	16.0	20.503758	8.0	575308.0	1.281485	Y
6	STD24 460-761139/3	24.0	30.957104	8.0	407611.0	1.289879	Y



Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

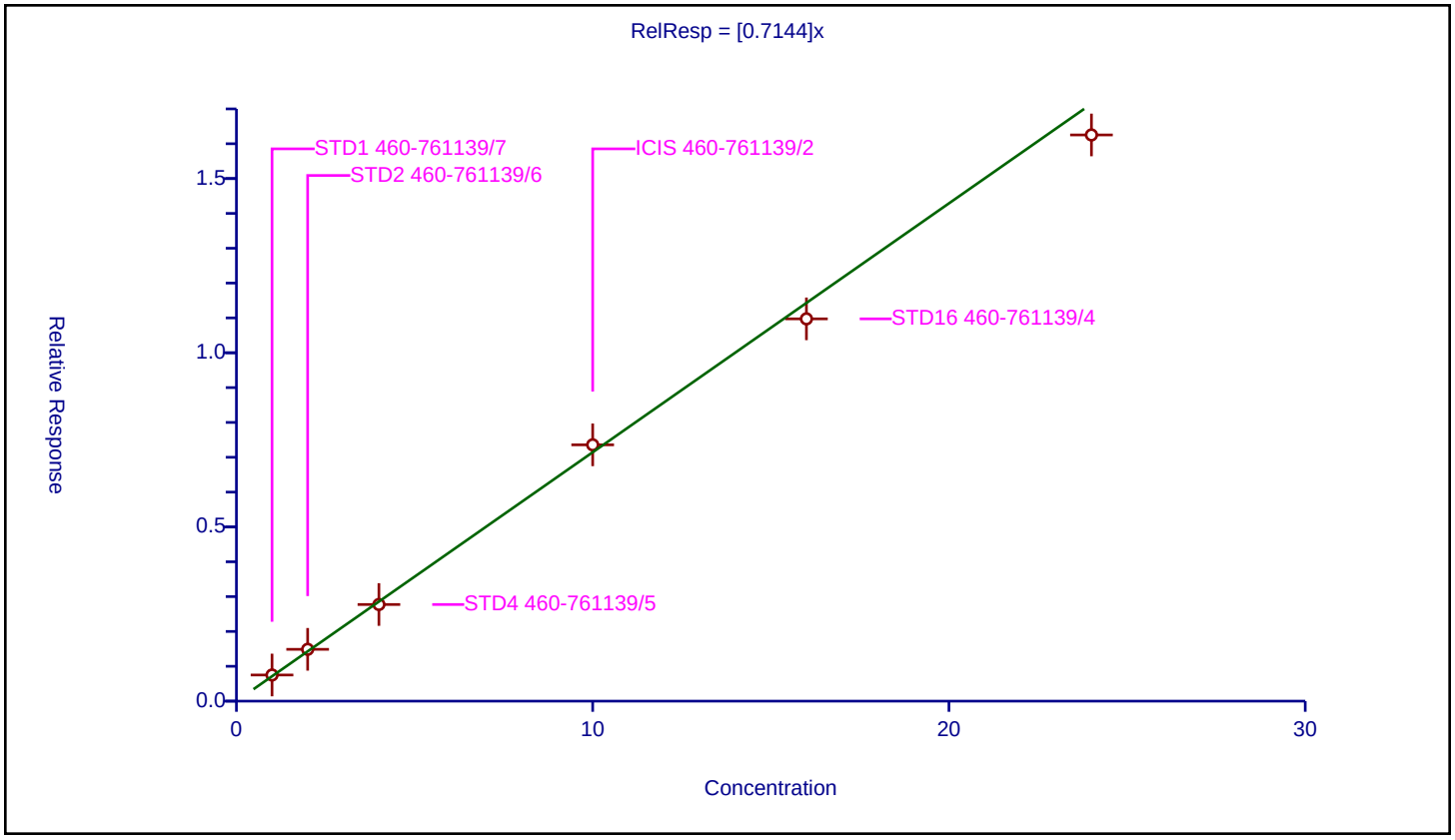
Curve Coefficients

Intercept:	0
Slope:	0.7144

Error Coefficients

Standard Error:	565000
Relative Standard Error:	4.5
Correlation Coefficient:	0.931
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.7504	8.0	512921.0	0.7504	Y
2	STD2 460-761139/6	2.0	1.487379	8.0	495594.0	0.743689	Y
3	STD4 460-761139/5	4.0	2.774381	8.0	518951.0	0.693595	Y
4	ICIS 460-761139/2	10.0	7.357305	8.0	536416.0	0.73573	Y
5	STD16 460-761139/4	16.0	10.973266	8.0	575308.0	0.685829	Y
6	STD24 460-761139/3	24.0	16.252672	8.0	407611.0	0.677195	Y



Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

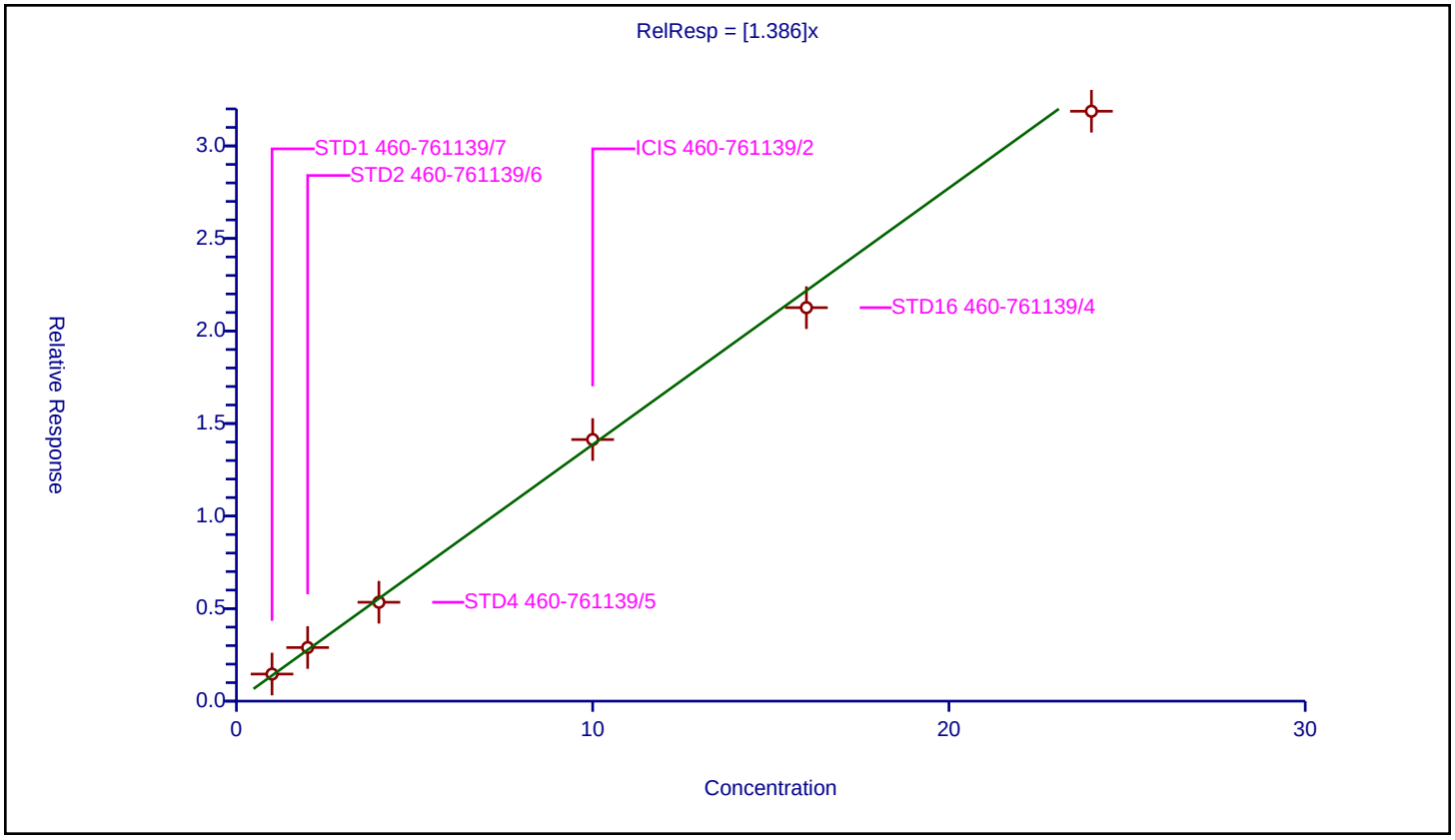
Curve Coefficients

Intercept:	0
Slope:	1.386

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	4.5
Correlation Coefficient:	0.937
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.463025	8.0	512921.0	1.463025	Y
2	STD2 460-761139/6	2.0	2.896193	8.0	495594.0	1.448097	Y
3	STD4 460-761139/5	4.0	5.342331	8.0	518951.0	1.335583	Y
4	ICIS 460-761139/2	10.0	14.133836	8.0	536416.0	1.413384	Y
5	STD16 460-761139/4	16.0	21.259889	8.0	575308.0	1.328743	Y
6	STD24 460-761139/3	24.0	31.872957	8.0	407611.0	1.32804	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

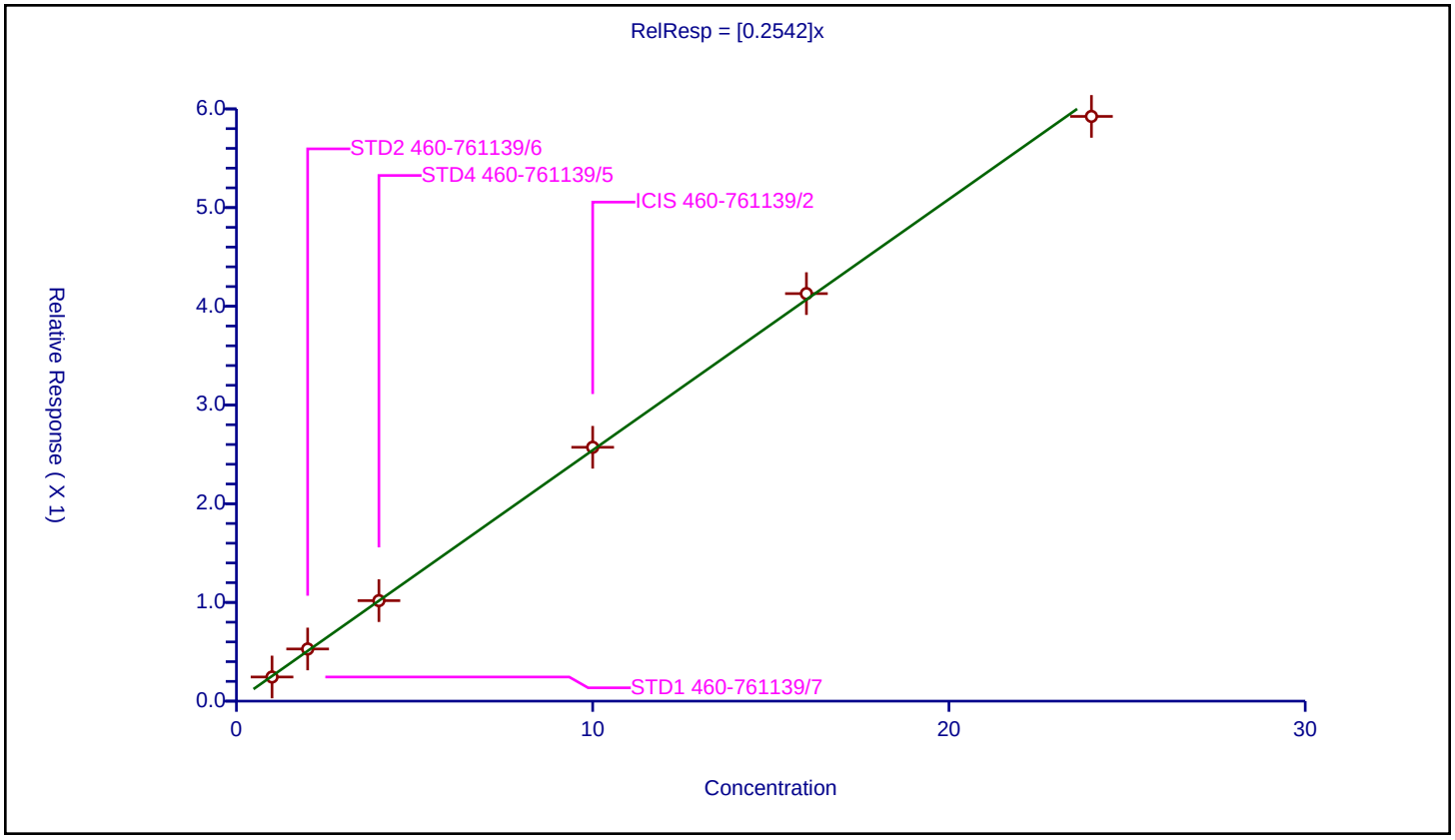
Curve Coefficients

Intercept:	0
Slope:	0.2542

Error Coefficients

Standard Error:	207000
Relative Standard Error:	2.9
Correlation Coefficient:	0.924
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.244638	8.0	512921.0	0.244638	Y
2	STD2 460-761139/6	2.0	0.5284	8.0	495594.0	0.2642	Y
3	STD4 460-761139/5	4.0	1.018285	8.0	518951.0	0.254571	Y
4	ICIS 460-761139/2	10.0	2.57178	8.0	536416.0	0.257178	Y
5	STD16 460-761139/4	16.0	4.128696	8.0	575308.0	0.258044	Y
6	STD24 460-761139/3	24.0	5.923903	8.0	407611.0	0.246829	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

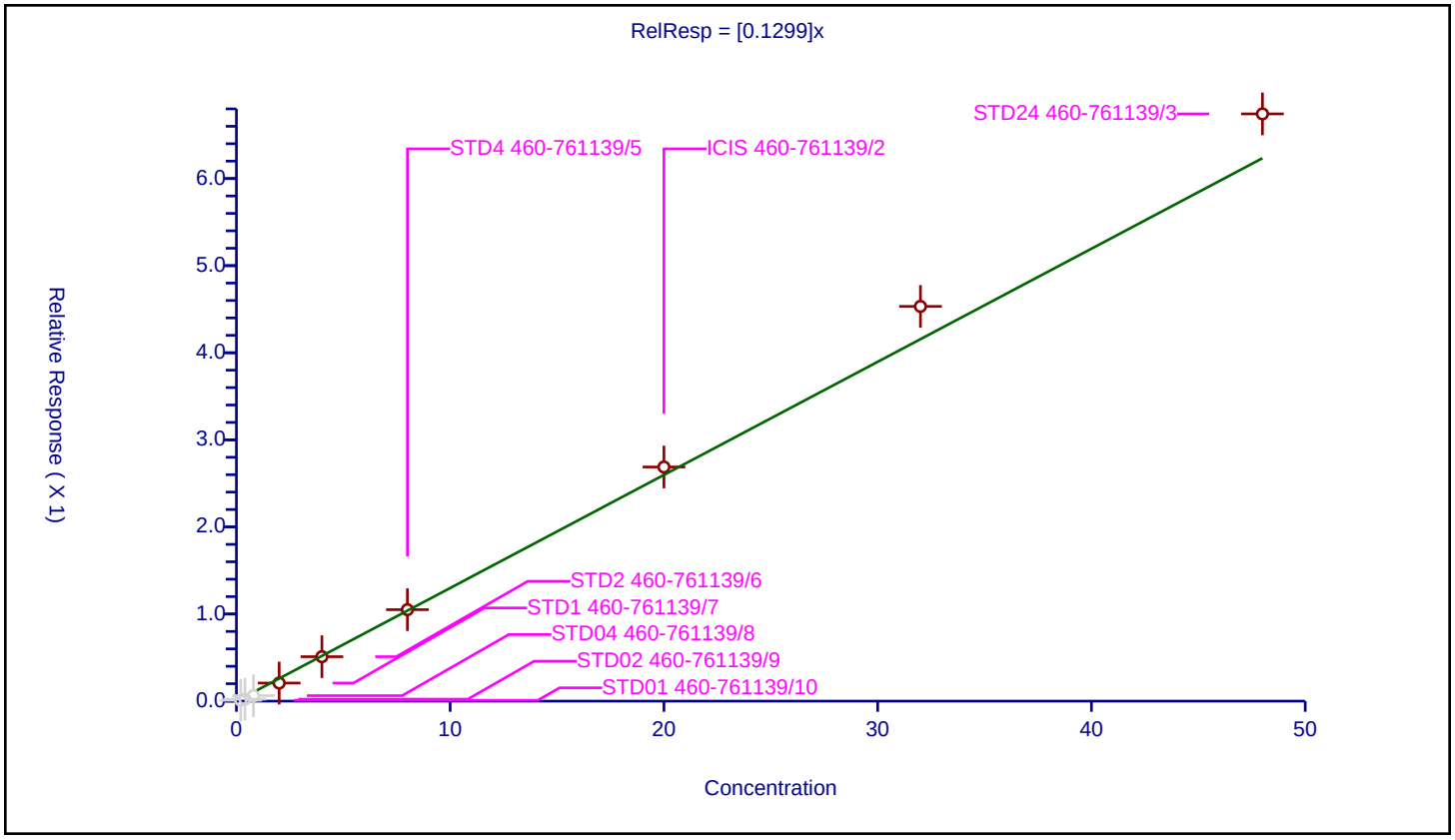
Curve Coefficients

Intercept:	0
Slope:	0.1299

Error Coefficients

Standard Error:	363000
Relative Standard Error:	10.6
Correlation Coefficient:	0.944
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.2	0.010163	8.0	920160.0	0.050817	N
2	STD02 460-761139/9	0.4	0.022677	8.0	858310.0	0.056693	N
3	STD04 460-761139/8	0.8	0.062768	8.0	941110.0	0.078461	N
4	STD1 460-761139/7	2.0	0.207735	8.0	855437.0	0.103867	Y
5	STD2 460-761139/6	4.0	0.510239	8.0	796270.0	0.12756	Y
6	STD4 460-761139/5	8.0	1.050132	8.0	801720.0	0.131267	Y
7	ICIS 460-761139/2	20.0	2.688108	8.0	882533.0	0.134405	Y
8	STD16 460-761139/4	32.0	4.532223	8.0	896090.0	0.141632	Y
9	STD24 460-761139/3	48.0	6.742454	8.0	647464.0	0.140468	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

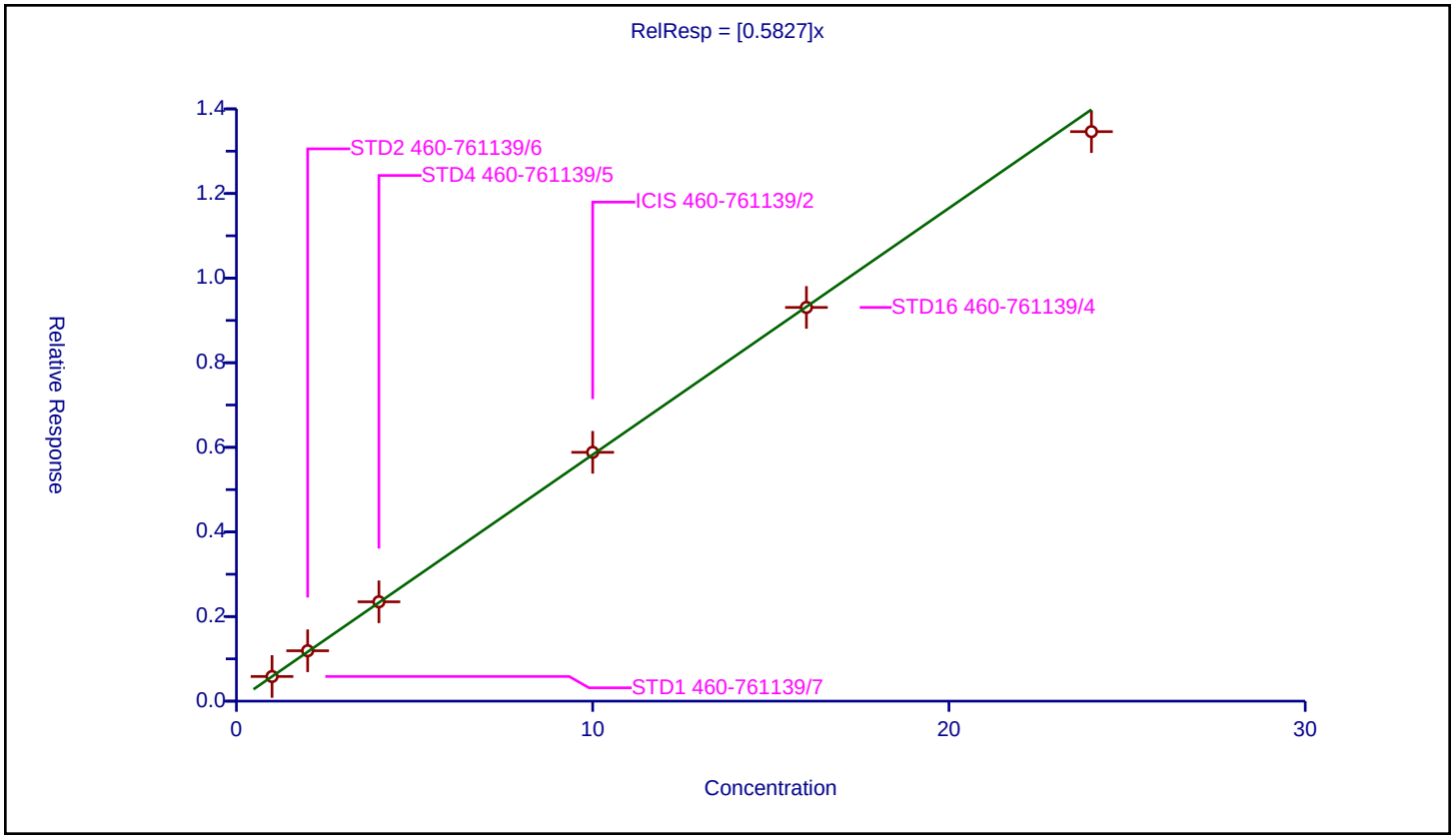
Curve Coefficients

Intercept:	0
Slope:	0.5827

Error Coefficients

Standard Error:	744000
Relative Standard Error:	2.0
Correlation Coefficient:	0.930
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.582533	8.0	855437.0	0.582533	Y
2	STD2 460-761139/6	2.0	1.191174	8.0	796270.0	0.595587	Y
3	STD4 460-761139/5	4.0	2.348381	8.0	801720.0	0.587095	Y
4	ICIS 460-761139/2	10.0	5.882296	8.0	882533.0	0.58823	Y
5	STD16 460-761139/4	16.0	9.307003	8.0	896090.0	0.581688	Y
6	STD24 460-761139/3	24.0	13.462247	8.0	647464.0	0.560927	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

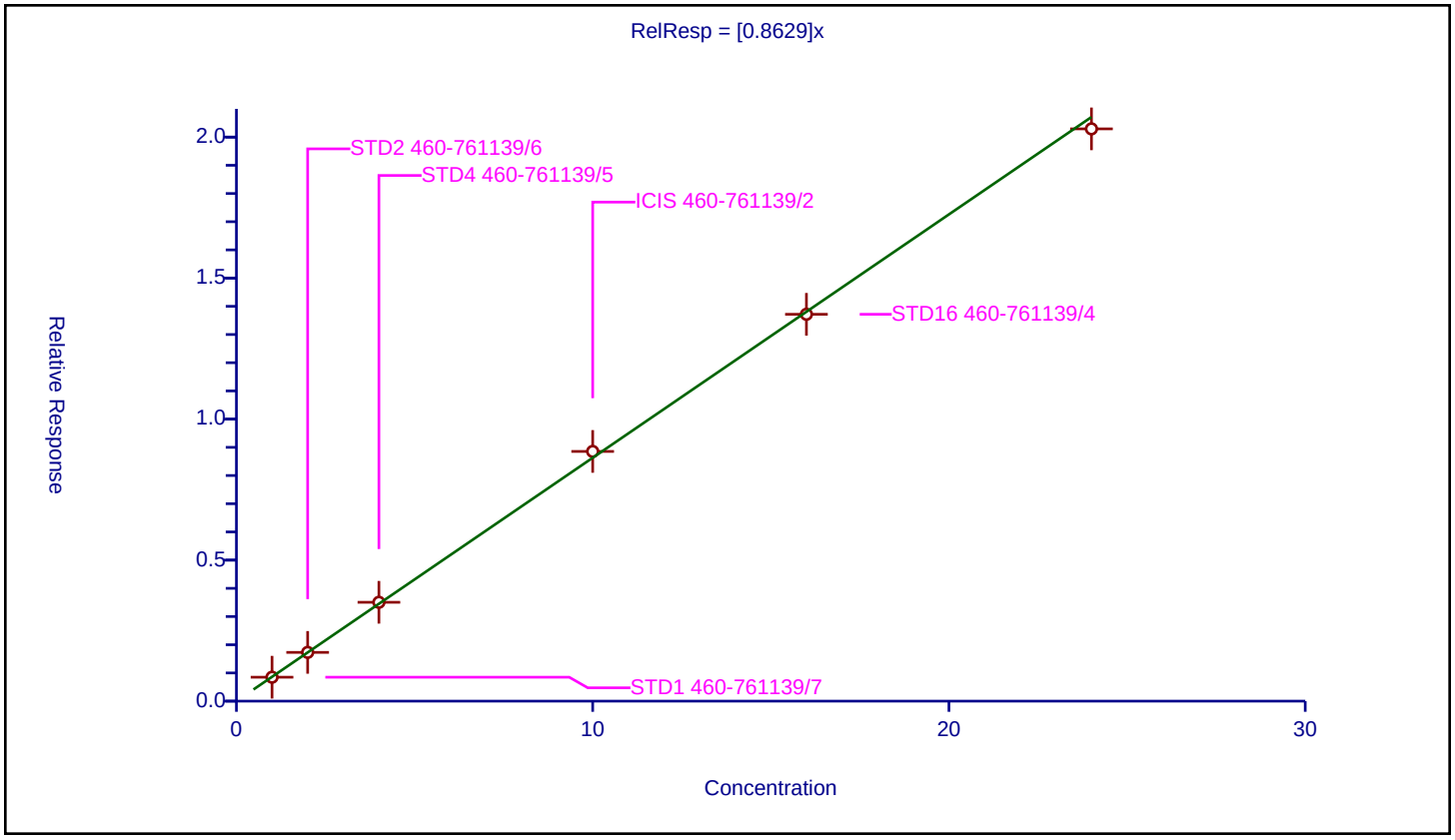
Curve Coefficients

Intercept:	0
Slope:	0.8629

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	1.8
Correlation Coefficient:	0.936
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.848848	8.0	855437.0	0.848848	Y
2	STD2 460-761139/6	2.0	1.728549	8.0	796270.0	0.864275	Y
3	STD4 460-761139/5	4.0	3.505014	8.0	801720.0	0.876254	Y
4	ICIS 460-761139/2	10.0	8.853933	8.0	882533.0	0.885393	Y
5	STD16 460-761139/4	16.0	13.717203	8.0	896090.0	0.857325	Y
6	STD24 460-761139/3	24.0	20.29192	8.0	647464.0	0.845497	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

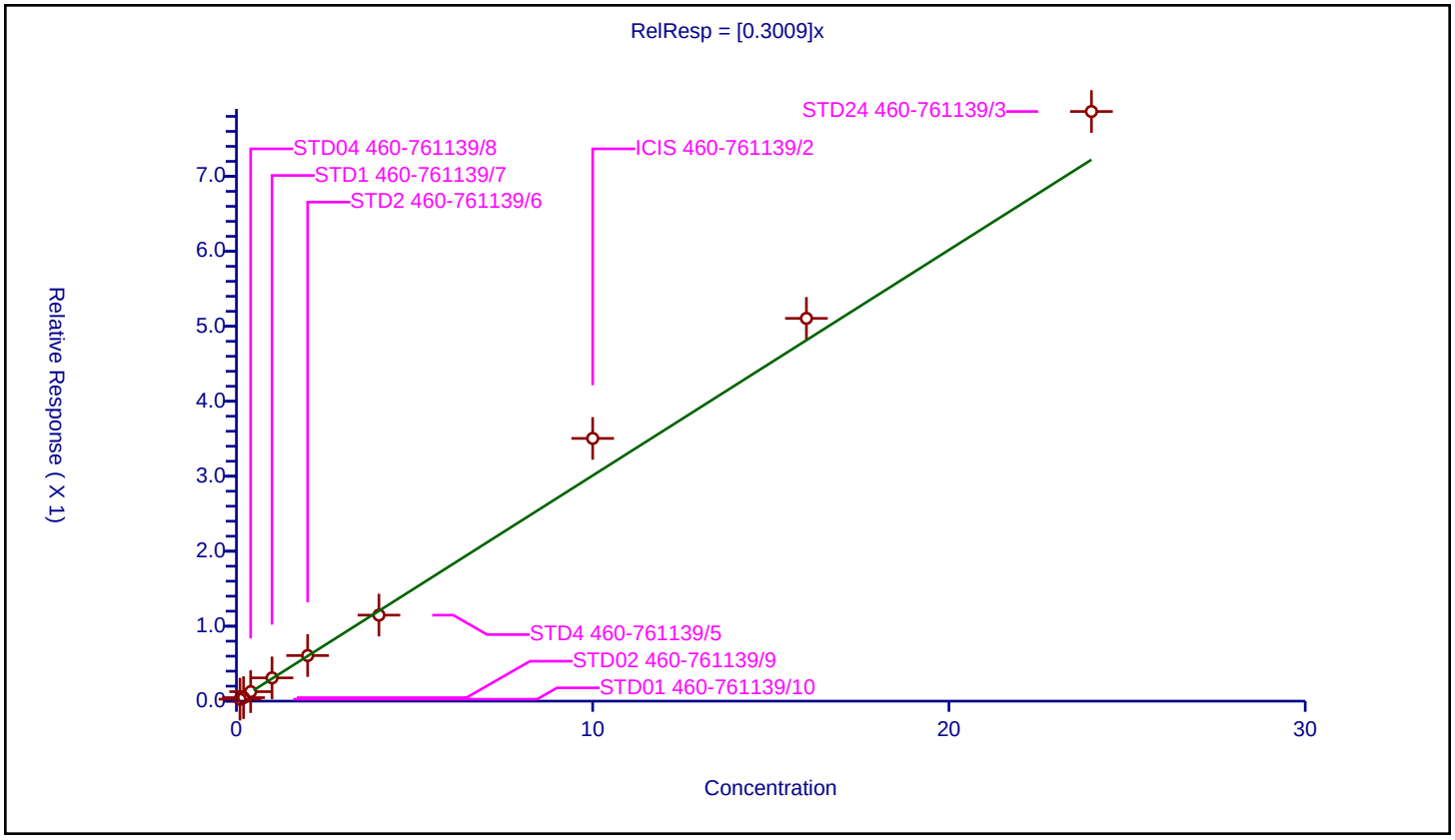
Curve Coefficients

Intercept:	0
Slope:	0.3009

Error Coefficients

Standard Error:	212000
Relative Standard Error:	11.9
Correlation Coefficient:	0.959
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.025954	8.0	565923.0	0.259541	Y
2	STD02 460-761139/9	0.2	0.046781	8.0	514734.0	0.233907	Y
3	STD04 460-761139/8	0.4	0.126545	8.0	555883.0	0.316362	Y
4	STD1 460-761139/7	1.0	0.310473	8.0	512921.0	0.310473	Y
5	STD2 460-761139/6	2.0	0.607901	8.0	495594.0	0.30395	Y
6	STD4 460-761139/5	4.0	1.147253	8.0	518951.0	0.286813	Y
7	ICIS 460-761139/2	10.0	3.504534	8.0	536416.0	0.350453	Y
8	STD16 460-761139/4	16.0	5.105759	8.0	575308.0	0.31911	Y
9	STD24 460-761139/3	24.0	7.865244	8.0	407611.0	0.327719	Y



Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

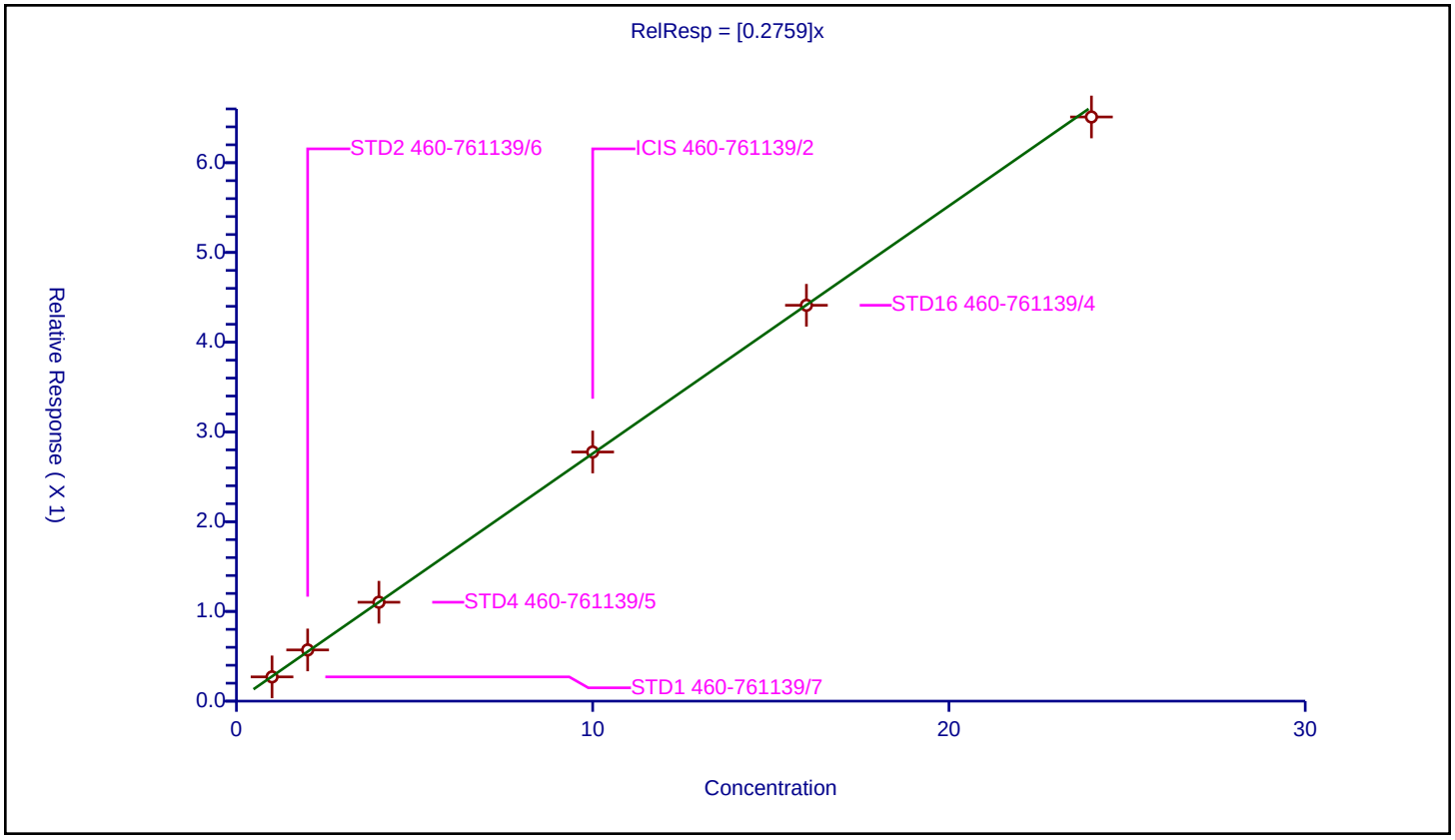
Curve Coefficients

Intercept:	0
Slope:	0.2759

Error Coefficients

Standard Error:	355000
Relative Standard Error:	2.0
Correlation Coefficient:	0.938
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.270103	8.0	855437.0	0.270103	Y
2	STD2 460-761139/6	2.0	0.57053	8.0	796270.0	0.285265	Y
3	STD4 460-761139/5	4.0	1.102081	8.0	801720.0	0.27552	Y
4	ICIS 460-761139/2	10.0	2.776644	8.0	882533.0	0.277664	Y
5	STD16 460-761139/4	16.0	4.41161	8.0	896090.0	0.275726	Y
6	STD24 460-761139/3	24.0	6.510002	8.0	647464.0	0.27125	Y



Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

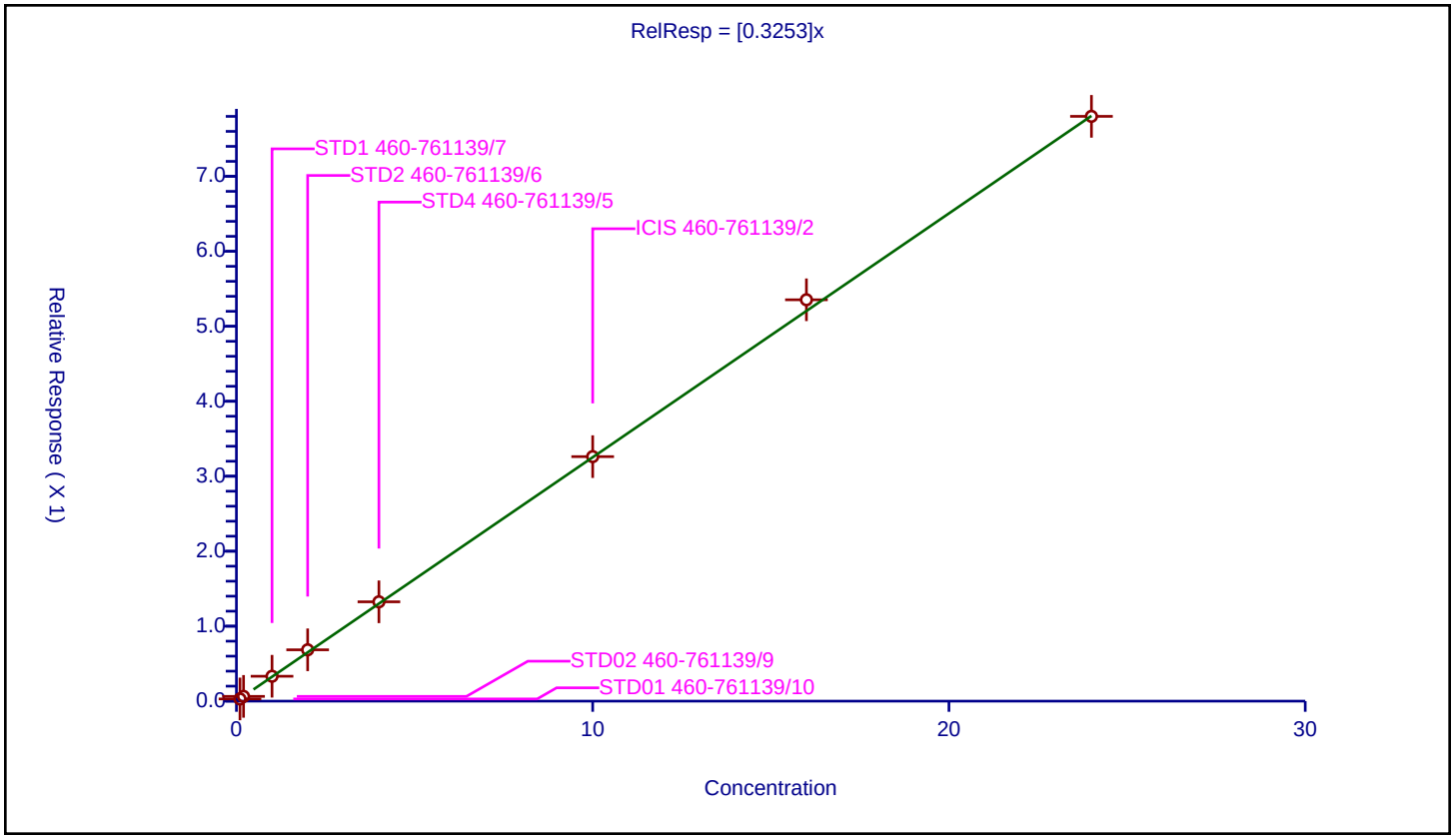
Curve Coefficients

Intercept:	0
Slope:	0.3253

Error Coefficients

Standard Error:	361000
Relative Standard Error:	4.5
Correlation Coefficient:	0.951
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.029369	8.0	920160.0	0.293688	Y
2	STD02 460-761139/9	0.2	0.063418	8.0	858310.0	0.317088	Y
3	STD1 460-761139/7	1.0	0.332134	8.0	855437.0	0.332134	Y
4	STD2 460-761139/6	2.0	0.684913	8.0	796270.0	0.342457	Y
5	STD4 460-761139/5	4.0	1.324812	8.0	801720.0	0.331203	Y
6	ICIS 460-761139/2	10.0	3.261449	8.0	882533.0	0.326145	Y
7	STD16 460-761139/4	16.0	5.353855	8.0	896090.0	0.334616	Y
8	STD24 460-761139/3	24.0	7.800576	8.0	647464.0	0.325024	Y



Calibration / Atrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

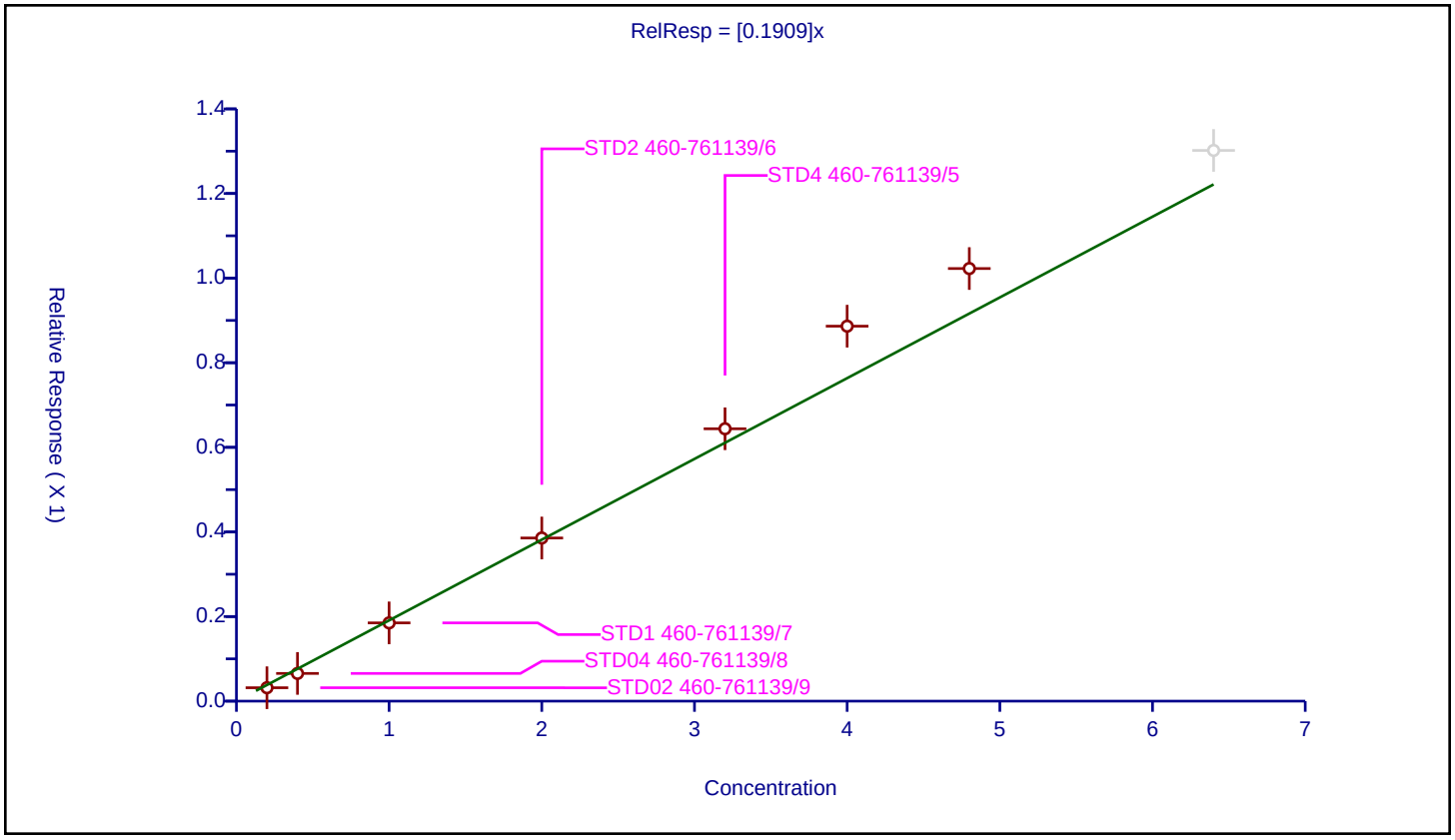
Curve Coefficients

Intercept:	0
Slope:	0.1909

Error Coefficients

Standard Error:	69300
Relative Standard Error:	12.4
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.031709	8.0	858310.0	0.158544	Y
2	STD04 460-761139/8	0.4	0.06554	8.0	941110.0	0.163849	Y
3	STD1 460-761139/7	1.0	0.184991	8.0	855437.0	0.184991	Y
4	STD2 460-761139/6	2.0	0.385628	8.0	796270.0	0.192814	Y
5	STD4 460-761139/5	3.2	0.643886	8.0	801720.0	0.201214	Y
6	ICIS 460-761139/2	4.0	0.886358	8.0	882533.0	0.221589	Y
7	STD16 460-761139/4	4.8	1.022612	8.0	896090.0	0.213044	Y
8	STD24 460-761139/3	6.4	1.301793	8.0	647464.0	0.203405	N



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

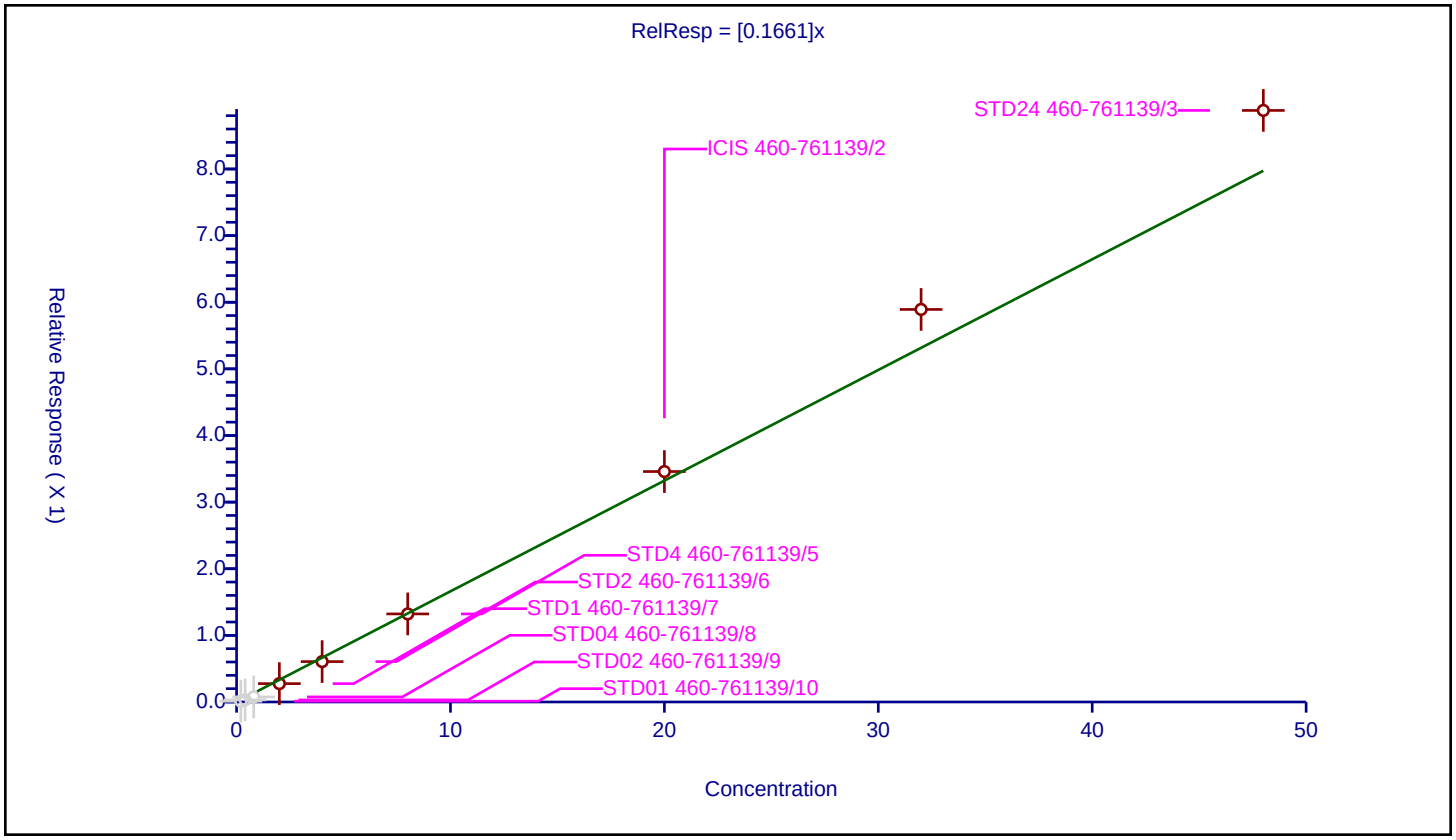
Curve Coefficients

Intercept:	0
Slope:	0.1661

Error Coefficients

Standard Error:	473000
Relative Standard Error:	11.2
Correlation Coefficient:	0.949
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.2	0.011885	8.0	920160.0	0.059424	N
2	STD02 460-761139/9	0.4	0.031588	8.0	858310.0	0.078969	N
3	STD04 460-761139/8	0.8	0.076072	8.0	941110.0	0.09509	N
4	STD1 460-761139/7	2.0	0.275621	8.0	855437.0	0.13781	Y
5	STD2 460-761139/6	4.0	0.606186	8.0	796270.0	0.151547	Y
6	STD4 460-761139/5	8.0	1.321998	8.0	801720.0	0.16525	Y
7	ICIS 460-761139/2	20.0	3.458699	8.0	882533.0	0.172935	Y
8	STD16 460-761139/4	32.0	5.891721	8.0	896090.0	0.184116	Y
9	STD24 460-761139/3	48.0	8.878739	8.0	647464.0	0.184974	Y



Calibration / Pentachloronitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

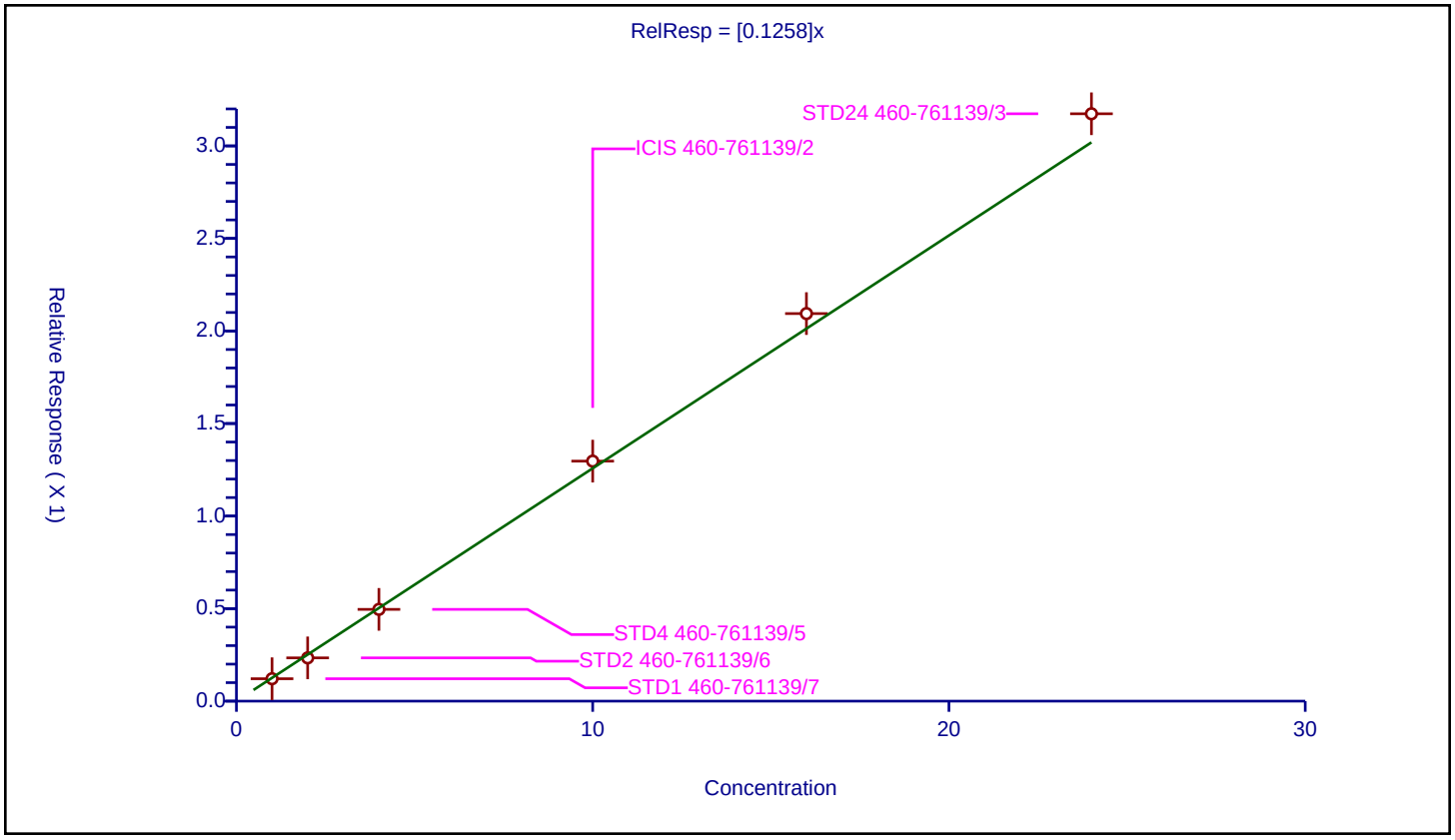
Curve Coefficients

Intercept:	0
Slope:	0.1258

Error Coefficients

Standard Error:	170000
Relative Standard Error:	4.9
Correlation Coefficient:	0.948
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.121154	8.0	855437.0	0.121154	Y
2	STD2 460-761139/6	2.0	0.23383	8.0	796270.0	0.116915	Y
3	STD4 460-761139/5	4.0	0.495784	8.0	801720.0	0.123946	Y
4	ICIS 460-761139/2	10.0	1.296813	8.0	882533.0	0.129681	Y
5	STD16 460-761139/4	16.0	2.094031	8.0	896090.0	0.130877	Y
6	STD24 460-761139/3	24.0	3.173712	8.0	647464.0	0.132238	Y



Calibration / n-Octadecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

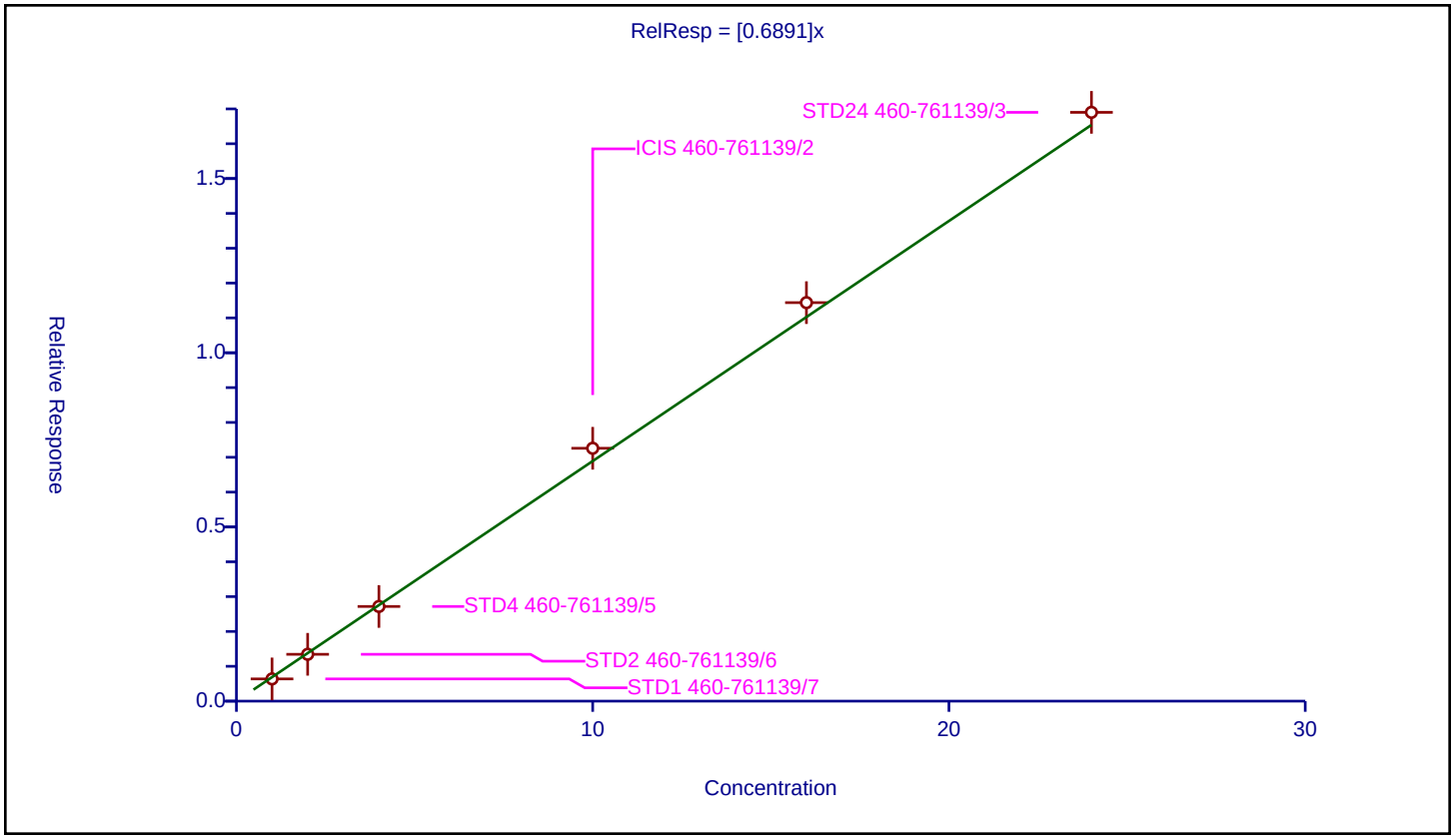
Curve Coefficients

Intercept:	0
Slope:	0.6891

Error Coefficients

Standard Error:	922000
Relative Standard Error:	4.7
Correlation Coefficient:	0.937
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.638074	8.0	855437.0	0.638074	Y
2	STD2 460-761139/6	2.0	1.344378	8.0	796270.0	0.672189	Y
3	STD4 460-761139/5	4.0	2.717627	8.0	801720.0	0.679407	Y
4	ICIS 460-761139/2	10.0	7.258861	8.0	882533.0	0.725886	Y
5	STD16 460-761139/4	16.0	11.438655	8.0	896090.0	0.714916	Y
6	STD24 460-761139/3	24.0	16.900374	8.0	647464.0	0.704182	Y



Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

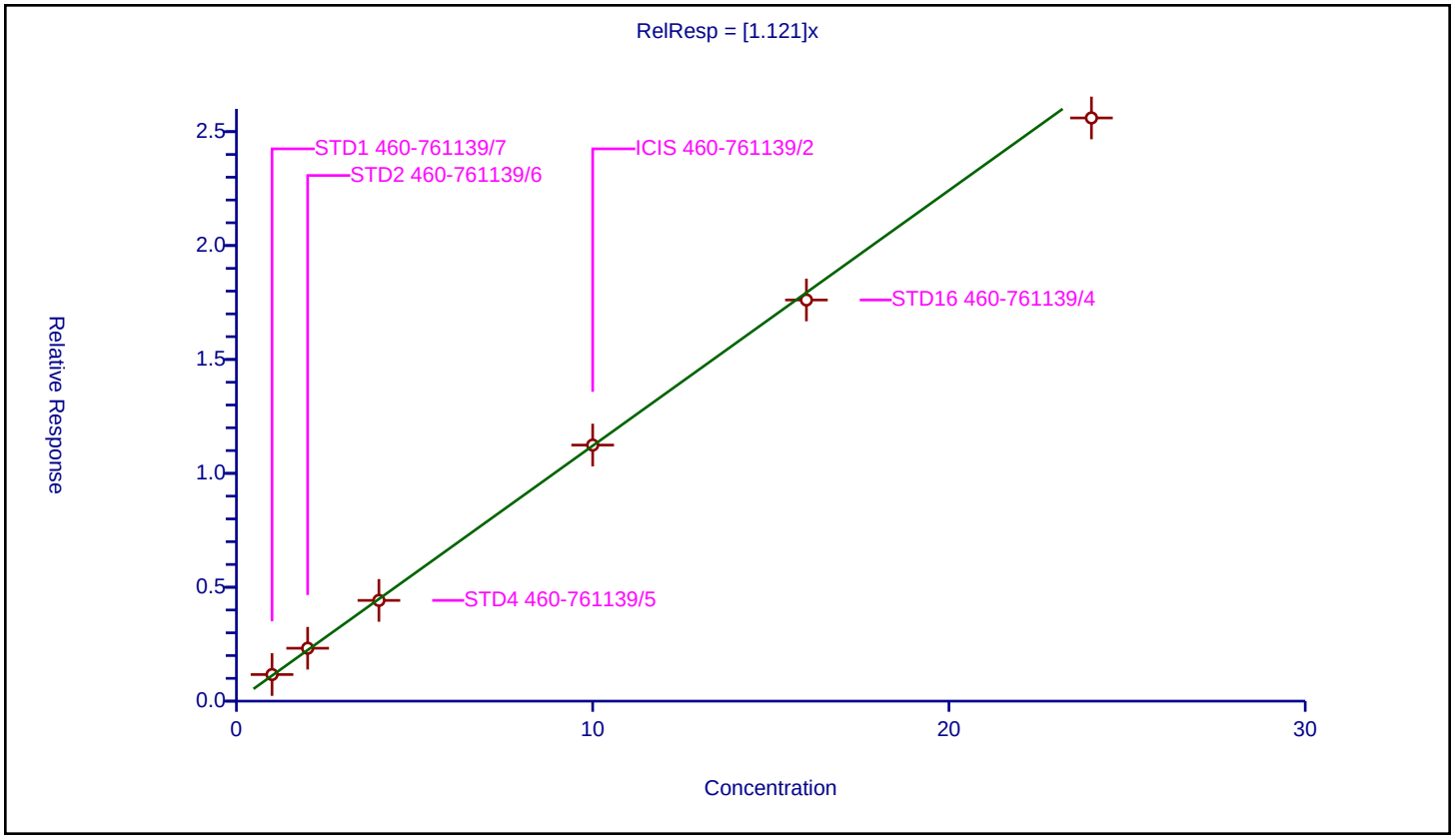
Curve Coefficients

Intercept:	0
Slope:	1.121

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	3.4
Correlation Coefficient:	0.931
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.167562	8.0	855437.0	1.167562	Y
2	STD2 460-761139/6	2.0	2.323061	8.0	796270.0	1.161531	Y
3	STD4 460-761139/5	4.0	4.422202	8.0	801720.0	1.105551	Y
4	ICIS 460-761139/2	10.0	11.242104	8.0	882533.0	1.12421	Y
5	STD16 460-761139/4	16.0	17.611499	8.0	896090.0	1.100719	Y
6	STD24 460-761139/3	24.0	25.602758	8.0	647464.0	1.066782	Y



Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

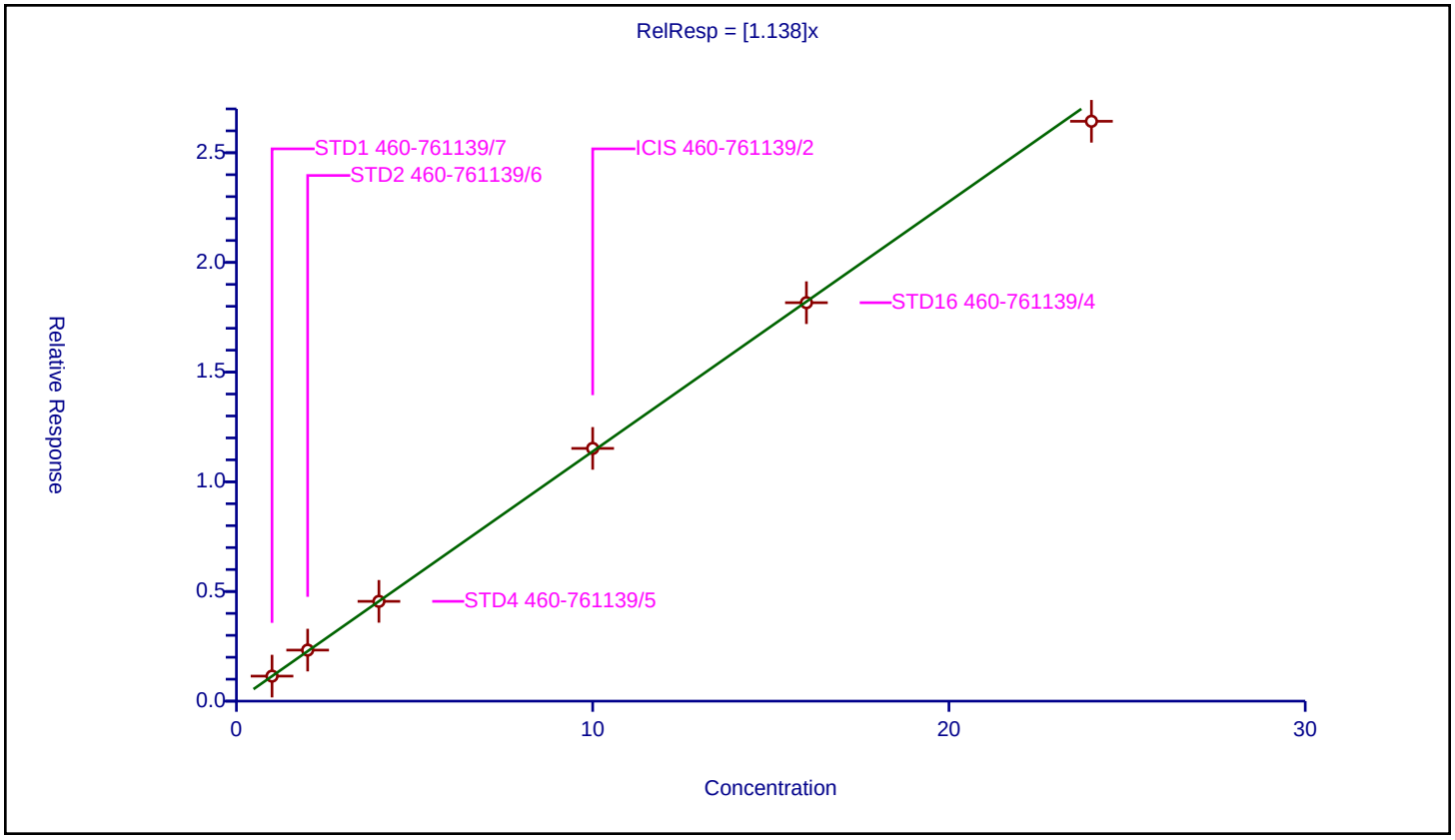
Curve Coefficients

Intercept:	0
Slope:	1.138

Error Coefficients

Standard Error:	1460000
Relative Standard Error:	1.8
Correlation Coefficient:	0.932
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.141152	8.0	855437.0	1.141152	Y
2	STD2 460-761139/6	2.0	2.326678	8.0	796270.0	1.163339	Y
3	STD4 460-761139/5	4.0	4.5489	8.0	801720.0	1.137225	Y
4	ICIS 460-761139/2	10.0	11.52179	8.0	882533.0	1.152179	Y
5	STD16 460-761139/4	16.0	18.165024	8.0	896090.0	1.135314	Y
6	STD24 460-761139/3	24.0	26.435162	8.0	647464.0	1.101465	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

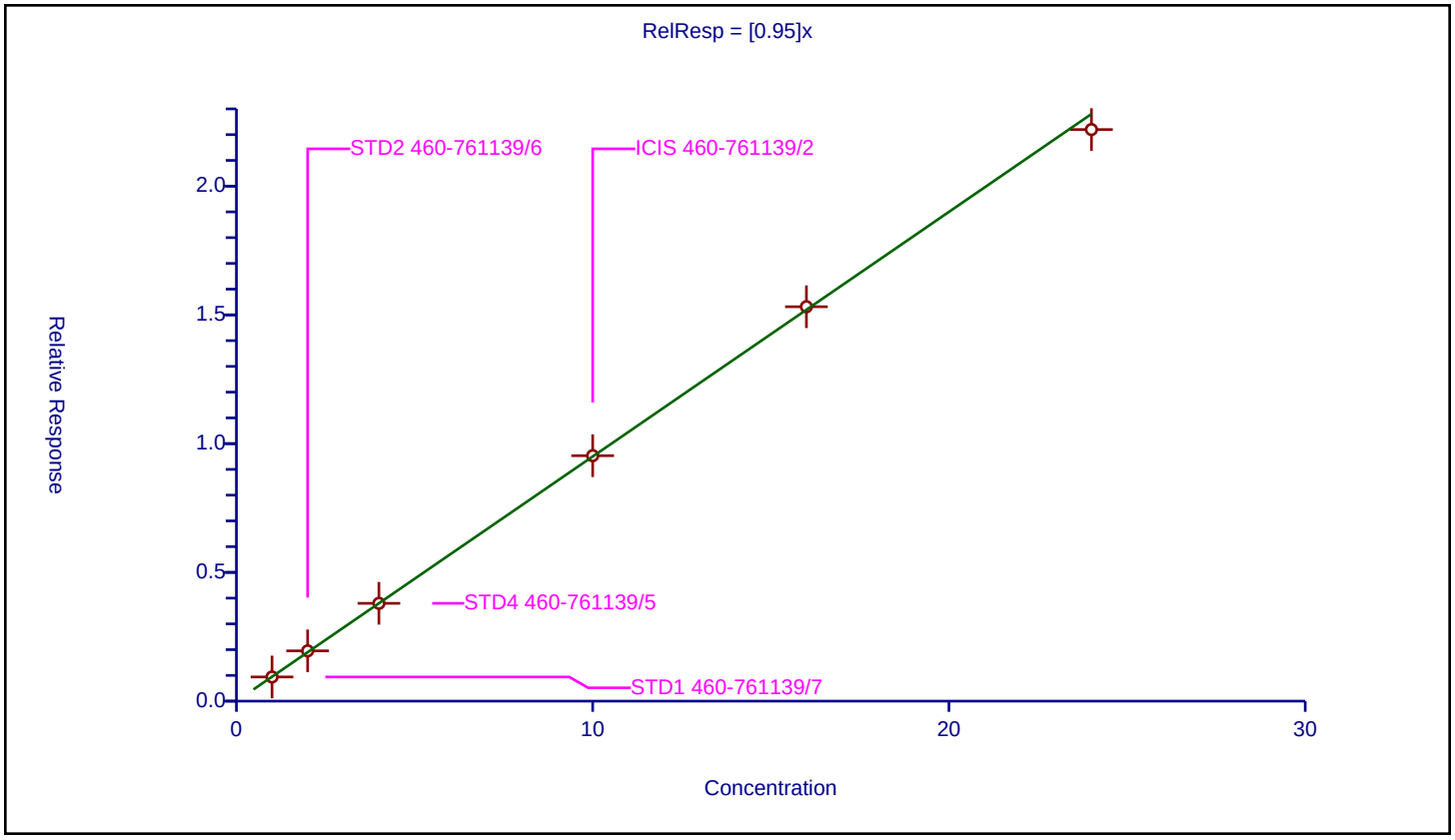
Curve Coefficients

Intercept:	0
Slope:	0.95

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	1.8
Correlation Coefficient:	0.932
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.939104	8.0	855437.0	0.939104	Y
2	STD2 460-761139/6	2.0	1.951931	8.0	796270.0	0.975965	Y
3	STD4 460-761139/5	4.0	3.798433	8.0	801720.0	0.949608	Y
4	ICIS 460-761139/2	10.0	9.531465	8.0	882533.0	0.953146	Y
5	STD16 460-761139/4	16.0	15.316854	8.0	896090.0	0.957303	Y
6	STD24 460-761139/3	24.0	22.196891	8.0	647464.0	0.92487	Y



Calibration / Di-n-butyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

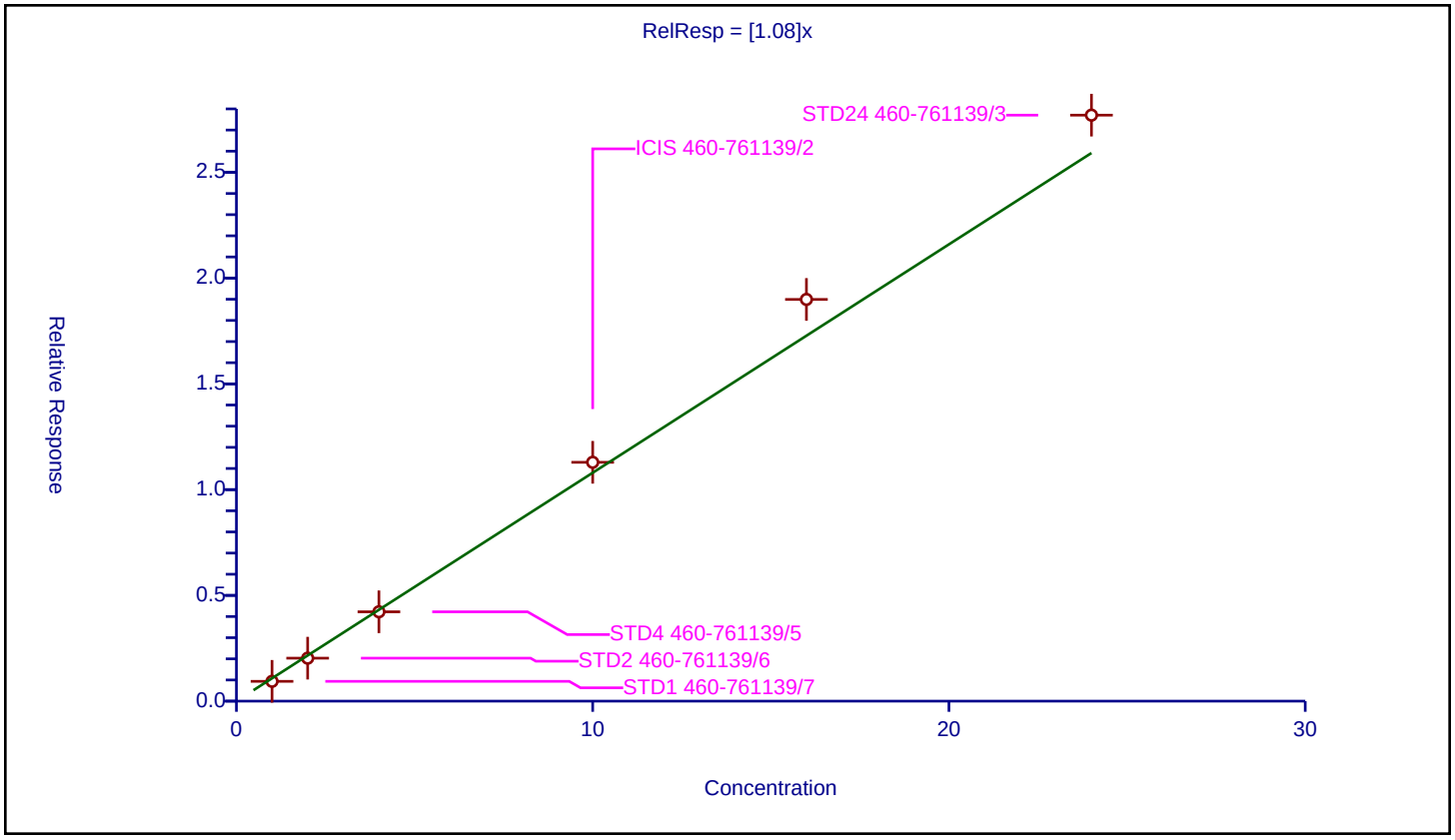
Curve Coefficients

Intercept:	0
Slope:	1.08

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	8.8
Correlation Coefficient:	0.937
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.936167	8.0	855437.0	0.936167	Y
2	STD2 460-761139/6	2.0	2.031643	8.0	796270.0	1.015821	Y
3	STD4 460-761139/5	4.0	4.224058	8.0	801720.0	1.056015	Y
4	ICIS 460-761139/2	10.0	11.291408	8.0	882533.0	1.129141	Y
5	STD16 460-761139/4	16.0	18.992146	8.0	896090.0	1.187009	Y
6	STD24 460-761139/3	24.0	27.704274	8.0	647464.0	1.154345	Y



Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

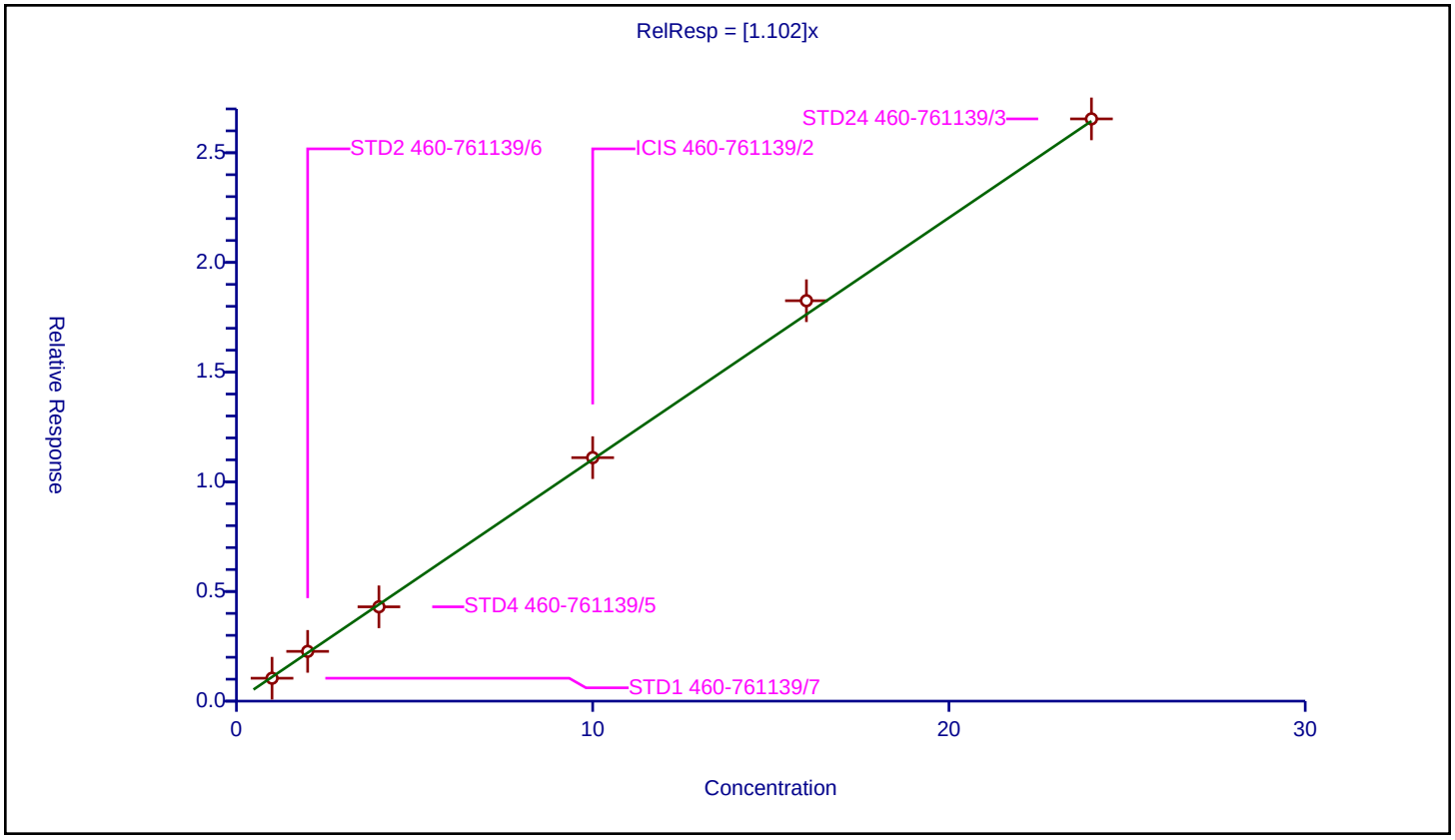
Curve Coefficients

Intercept:	0
Slope:	1.102

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	3.3
Correlation Coefficient:	0.935
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.044762	8.0	855437.0	1.044762	Y
2	STD2 460-761139/6	2.0	2.268547	8.0	796270.0	1.134274	Y
3	STD4 460-761139/5	4.0	4.300594	8.0	801720.0	1.075148	Y
4	ICIS 460-761139/2	10.0	11.101382	8.0	882533.0	1.110138	Y
5	STD16 460-761139/4	16.0	18.255247	8.0	896090.0	1.140953	Y
6	STD24 460-761139/3	24.0	26.54471	8.0	647464.0	1.10603	Y



Calibration / Benzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

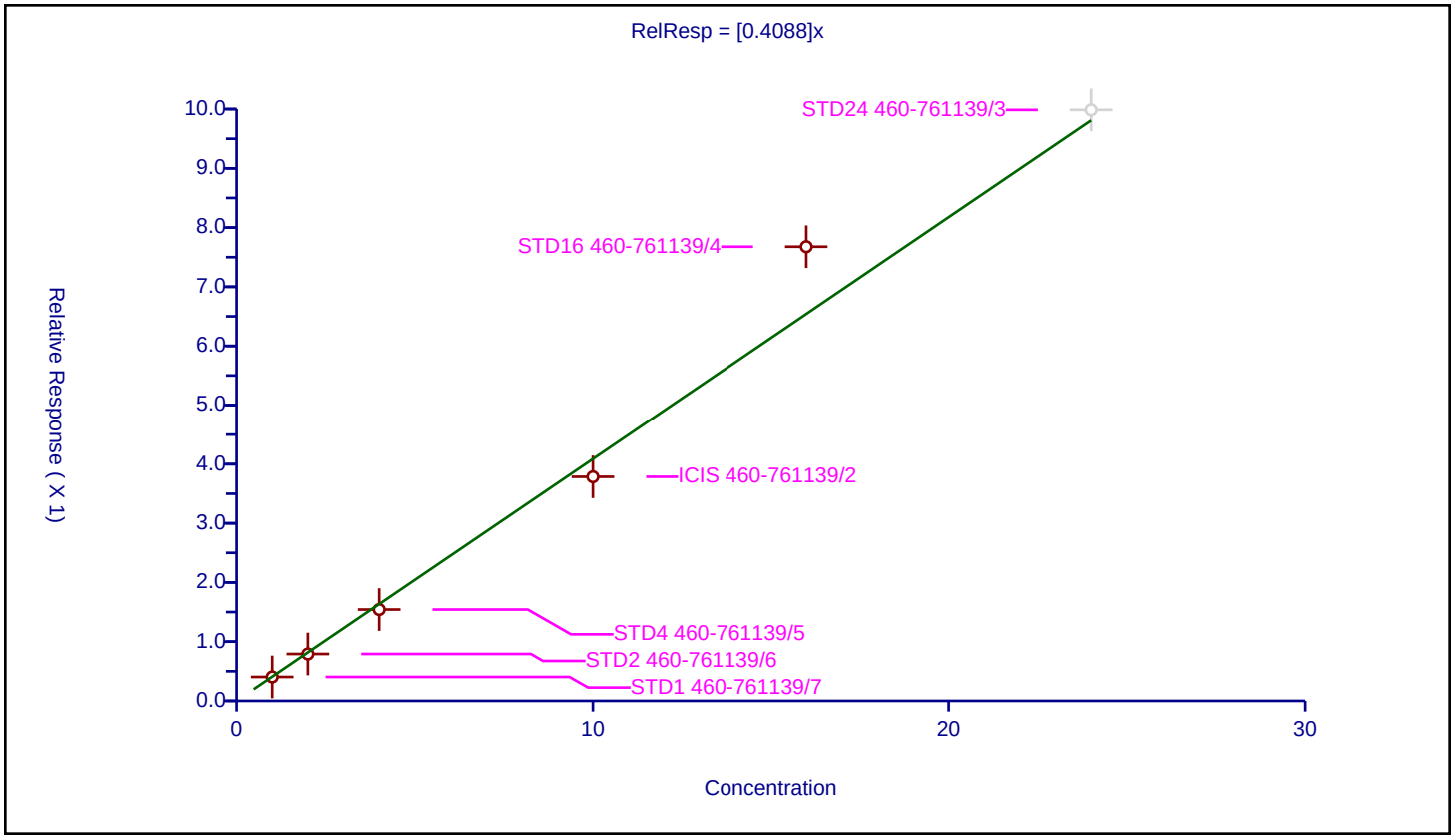
Curve Coefficients

Intercept:	0
Slope:	0.4088

Error Coefficients

Standard Error:	486000
Relative Standard Error:	10.0
Correlation Coefficient:	0.980
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.40406	8.0	855437.0	0.40406	Y
2	STD2 460-761139/6	2.0	0.791631	8.0	796270.0	0.395815	Y
3	STD4 460-761139/5	4.0	1.542164	8.0	801720.0	0.385541	Y
4	ICIS 460-761139/2	10.0	3.78612	8.0	882533.0	0.378612	Y
5	STD16 460-761139/4	16.0	7.676613	8.0	896090.0	0.479788	Y
6	STD24 460-761139/3	24.0	9.986161	8.0	647464.0	0.41609	N



Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

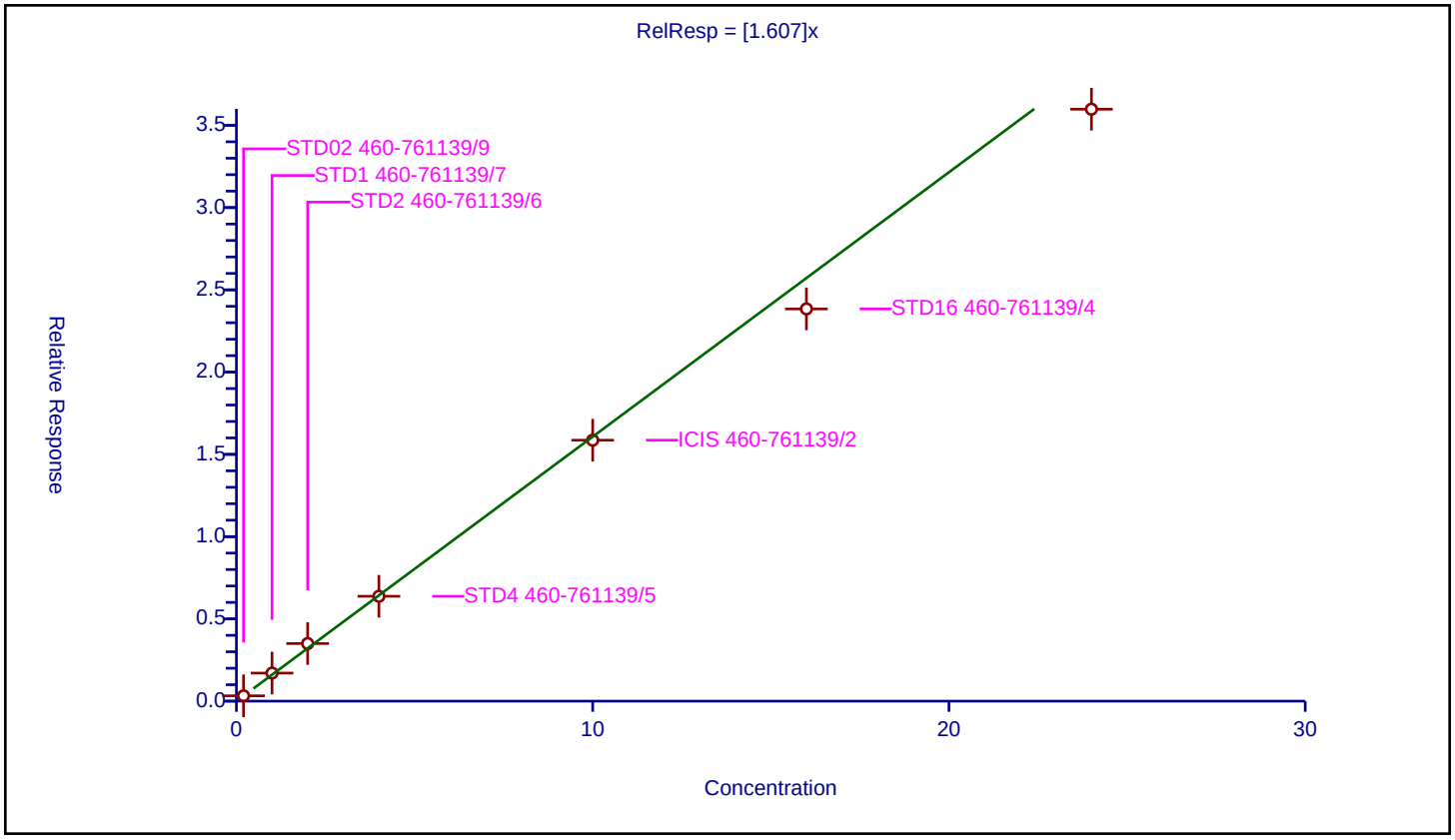
Curve Coefficients

Intercept:	0
Slope:	1.607

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	6.0
Correlation Coefficient:	0.946
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.325305	8.0	501461.0	1.626527	Y
2	STD1 460-761139/7	1.0	1.705421	8.0	536984.0	1.705421	Y
3	STD2 460-761139/6	2.0	3.50123	8.0	511370.0	1.750615	Y
4	STD4 460-761139/5	4.0	6.374741	8.0	542407.0	1.593685	Y
5	ICIS 460-761139/2	10.0	15.861187	8.0	626168.0	1.586119	Y
6	STD16 460-761139/4	16.0	23.842047	8.0	688356.0	1.490128	Y
7	STD24 460-761139/3	24.0	35.980818	8.0	481899.0	1.499201	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

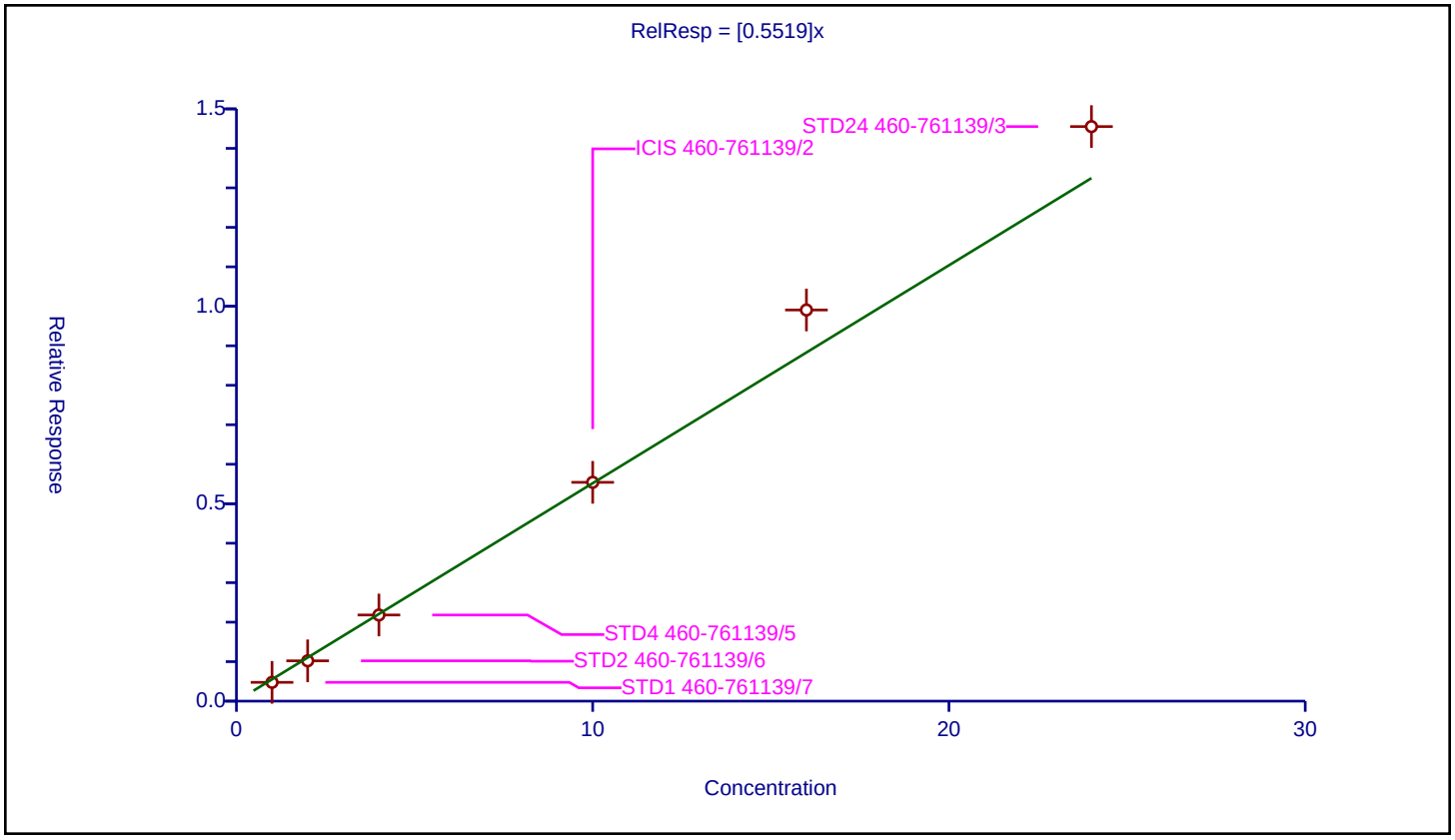
Curve Coefficients

Intercept:	0
Slope:	0.5519

Error Coefficients

Standard Error:	585000
Relative Standard Error:	9.9
Correlation Coefficient:	0.932
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.475619	8.0	536984.0	0.475619	Y
2	STD2 460-761139/6	2.0	1.021194	8.0	511370.0	0.510597	Y
3	STD4 460-761139/5	4.0	2.182022	8.0	542407.0	0.545505	Y
4	ICIS 460-761139/2	10.0	5.542142	8.0	626168.0	0.554214	Y
5	STD16 460-761139/4	16.0	9.907246	8.0	688356.0	0.619203	Y
6	STD24 460-761139/3	24.0	14.551746	8.0	481899.0	0.606323	Y



Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

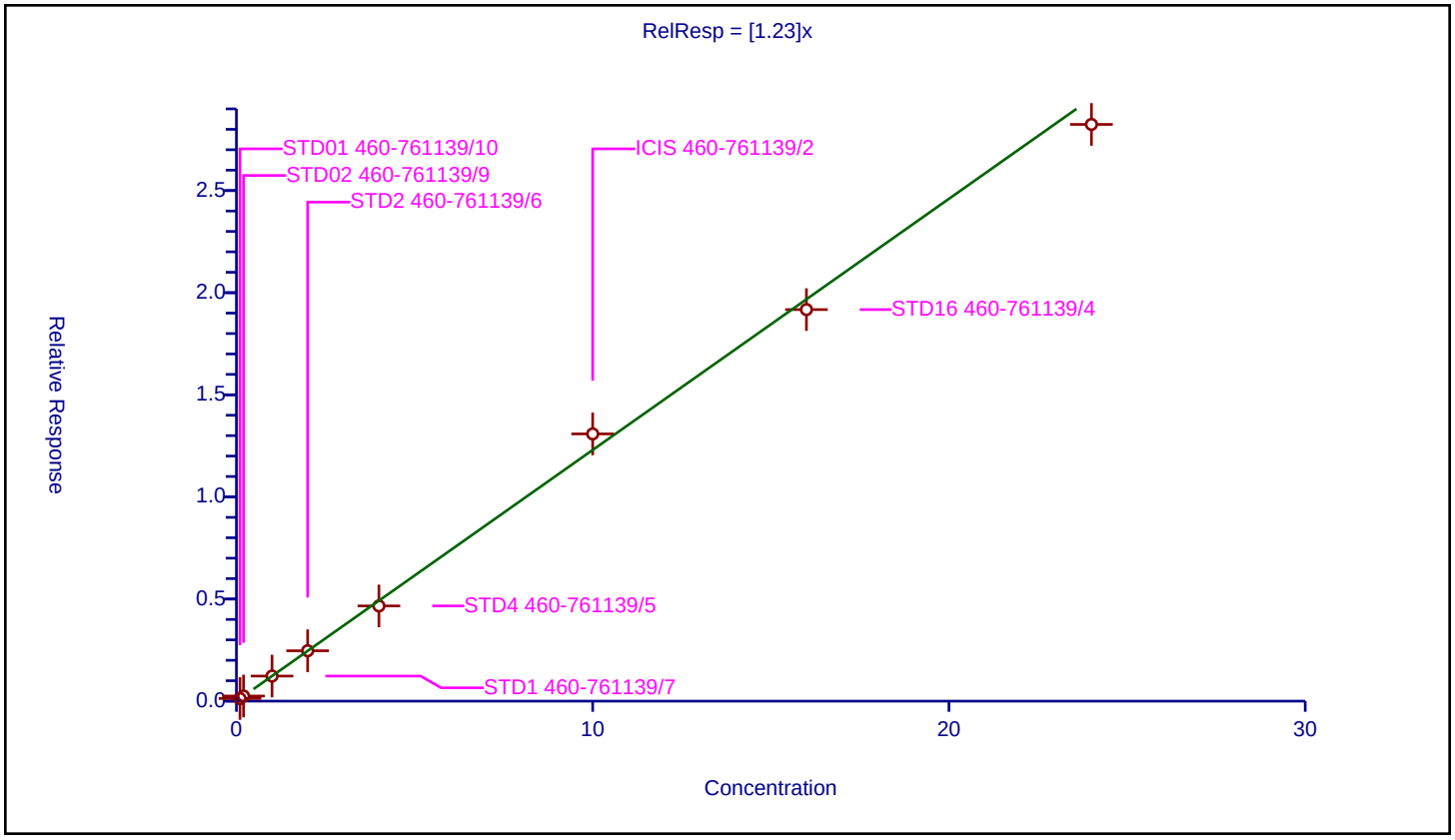
Curve Coefficients

Intercept:	0
Slope:	1.23

Error Coefficients

Standard Error:	985000
Relative Standard Error:	4.0
Correlation Coefficient:	0.942
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.128143	8.0	559251.0	1.281428	Y
2	STD02 460-761139/9	0.2	0.249431	8.0	501461.0	1.247156	Y
3	STD1 460-761139/7	1.0	1.228148	8.0	536984.0	1.228148	Y
4	STD2 460-761139/6	2.0	2.466785	8.0	511370.0	1.233393	Y
5	STD4 460-761139/5	4.0	4.661208	8.0	542407.0	1.165302	Y
6	ICIS 460-761139/2	10.0	13.085843	8.0	626168.0	1.308584	Y
7	STD16 460-761139/4	16.0	19.173056	8.0	688356.0	1.198316	Y
8	STD24 460-761139/3	24.0	28.239776	8.0	481899.0	1.176657	Y



Calibration / Butyl benzyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

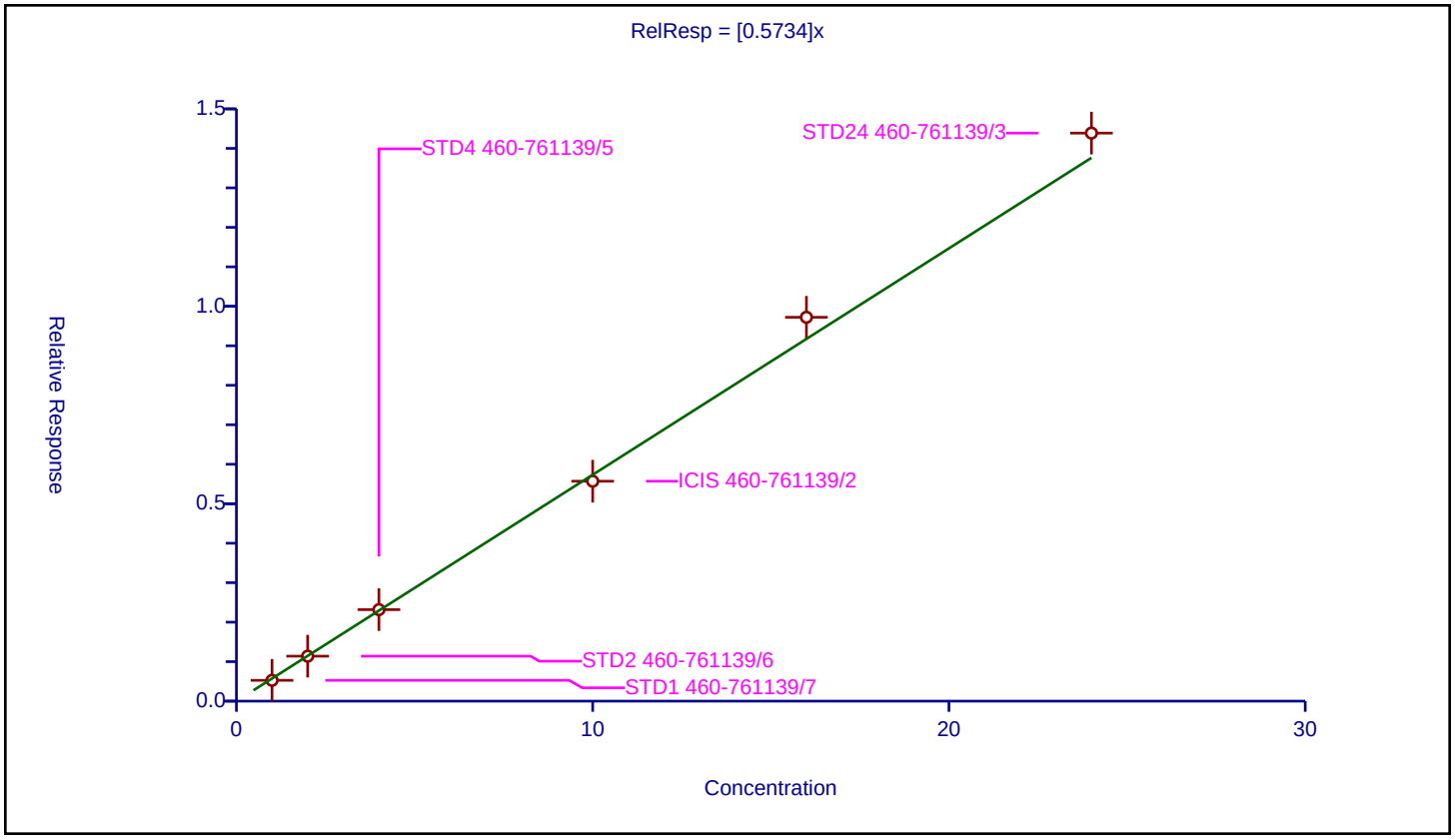
Curve Coefficients

Intercept:	0
Slope:	0.5734

Error Coefficients

Standard Error:	578000
Relative Standard Error:	5.1
Correlation Coefficient:	0.935
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.527286	8.0	536984.0	0.527286	Y
2	STD2 460-761139/6	2.0	1.13898	8.0	511370.0	0.56949	Y
3	STD4 460-761139/5	4.0	2.317374	8.0	542407.0	0.579344	Y
4	ICIS 460-761139/2	10.0	5.569981	8.0	626168.0	0.556998	Y
5	STD16 460-761139/4	16.0	9.722446	8.0	688356.0	0.607653	Y
6	STD24 460-761139/3	24.0	14.387114	8.0	481899.0	0.599463	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

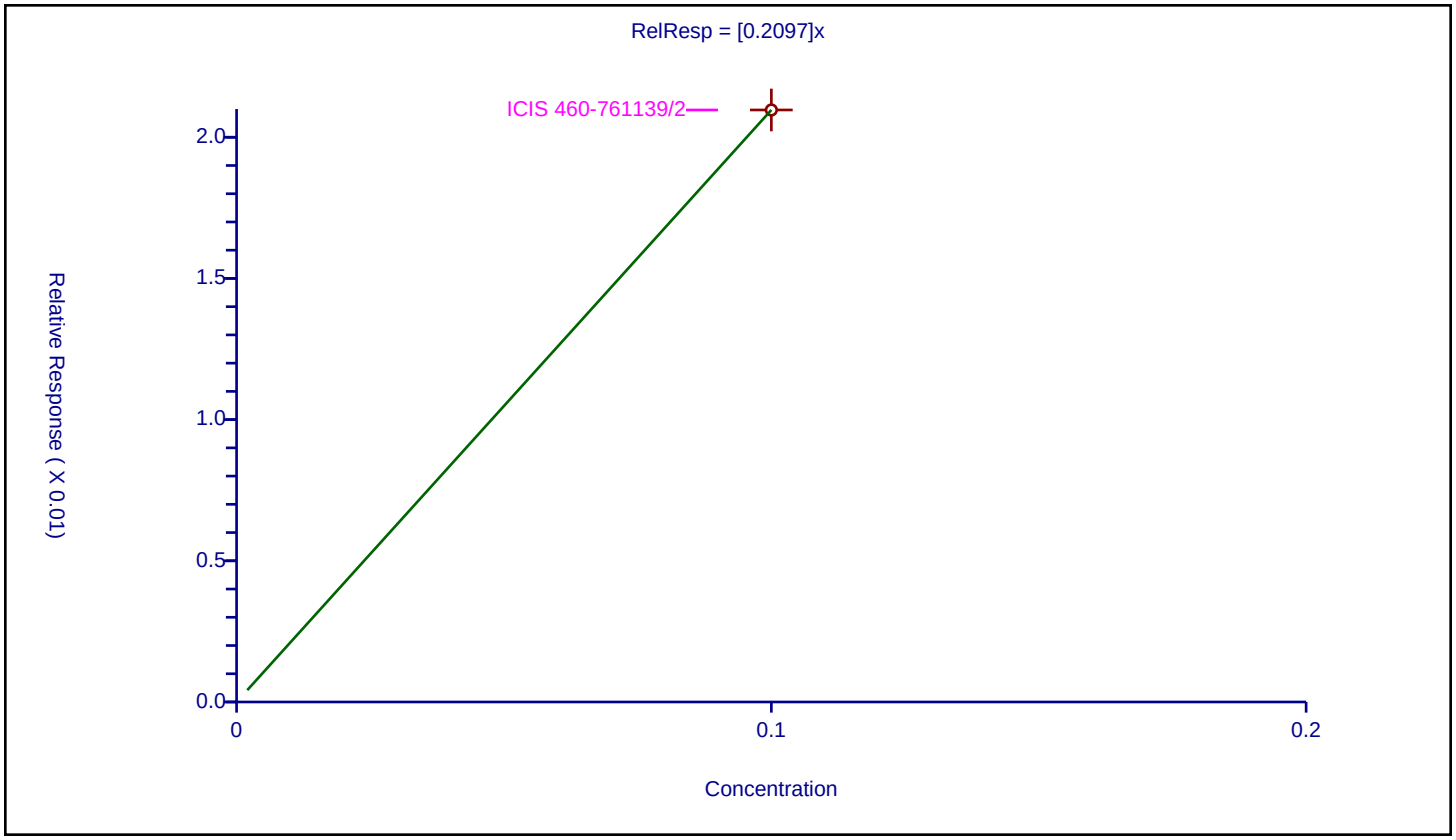
Curve Coefficients

Intercept:	0
Slope:	0.2097

Error Coefficients

Standard Error:	
Relative Standard Error:	0.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	1.00

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-761139/2	0.1	0.020966	8.0	626168.0	0.209656	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

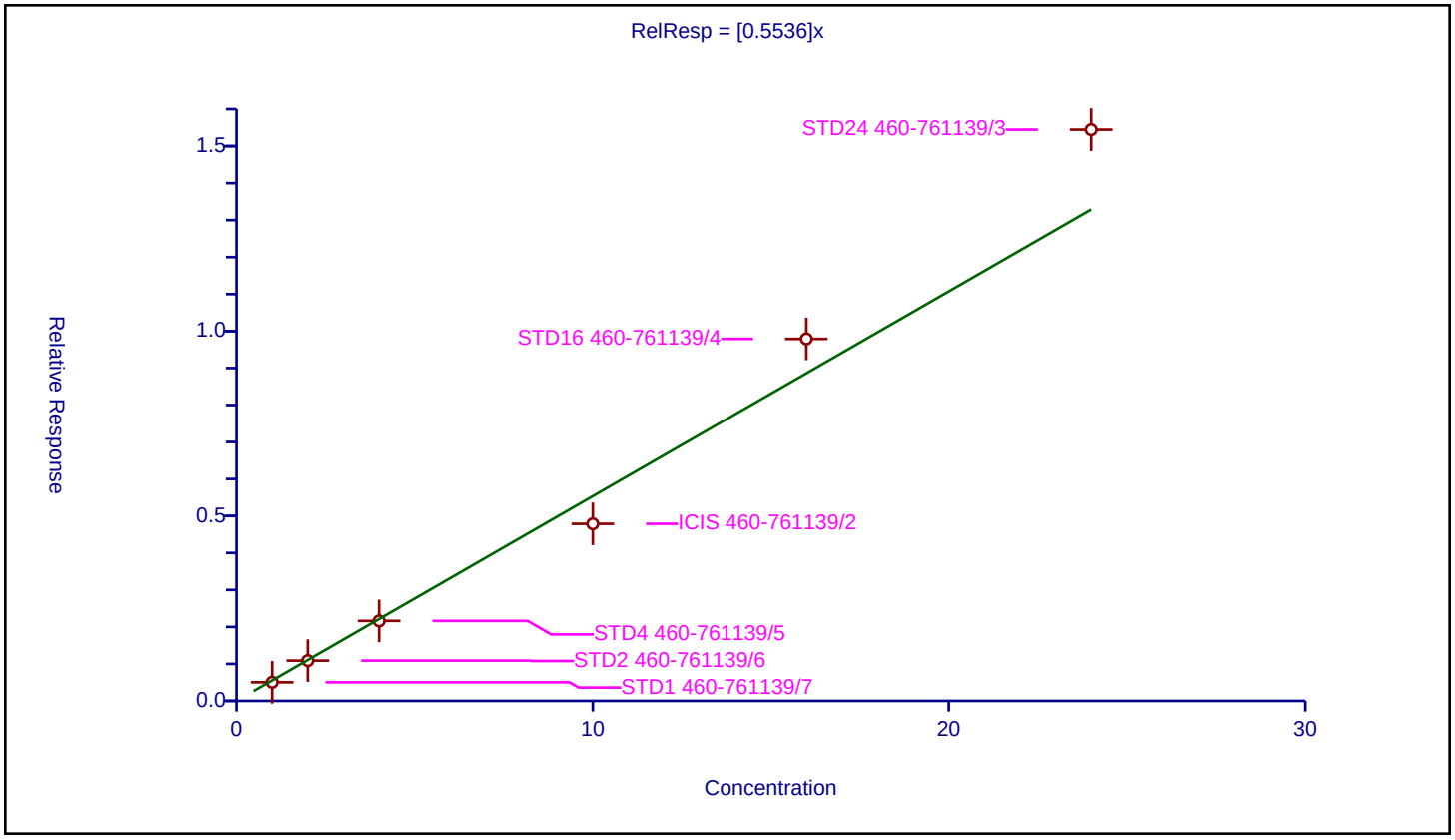
Curve Coefficients

Intercept:	0
Slope:	0.5536

Error Coefficients

Standard Error:	590000
Relative Standard Error:	11.4
Correlation Coefficient:	0.952
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	0.502406	8.0	536984.0	0.502406	Y
2	STD2 460-761139/6	2.0	1.089074	8.0	511370.0	0.544537	Y
3	STD4 460-761139/5	4.0	2.163128	8.0	542407.0	0.540782	Y
4	ICIS 460-761139/2	10.0	4.787776	8.0	626168.0	0.478778	Y
5	STD16 460-761139/4	16.0	9.788702	8.0	688356.0	0.611794	Y
6	STD24 460-761139/3	24.0	15.445162	8.0	481899.0	0.643548	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

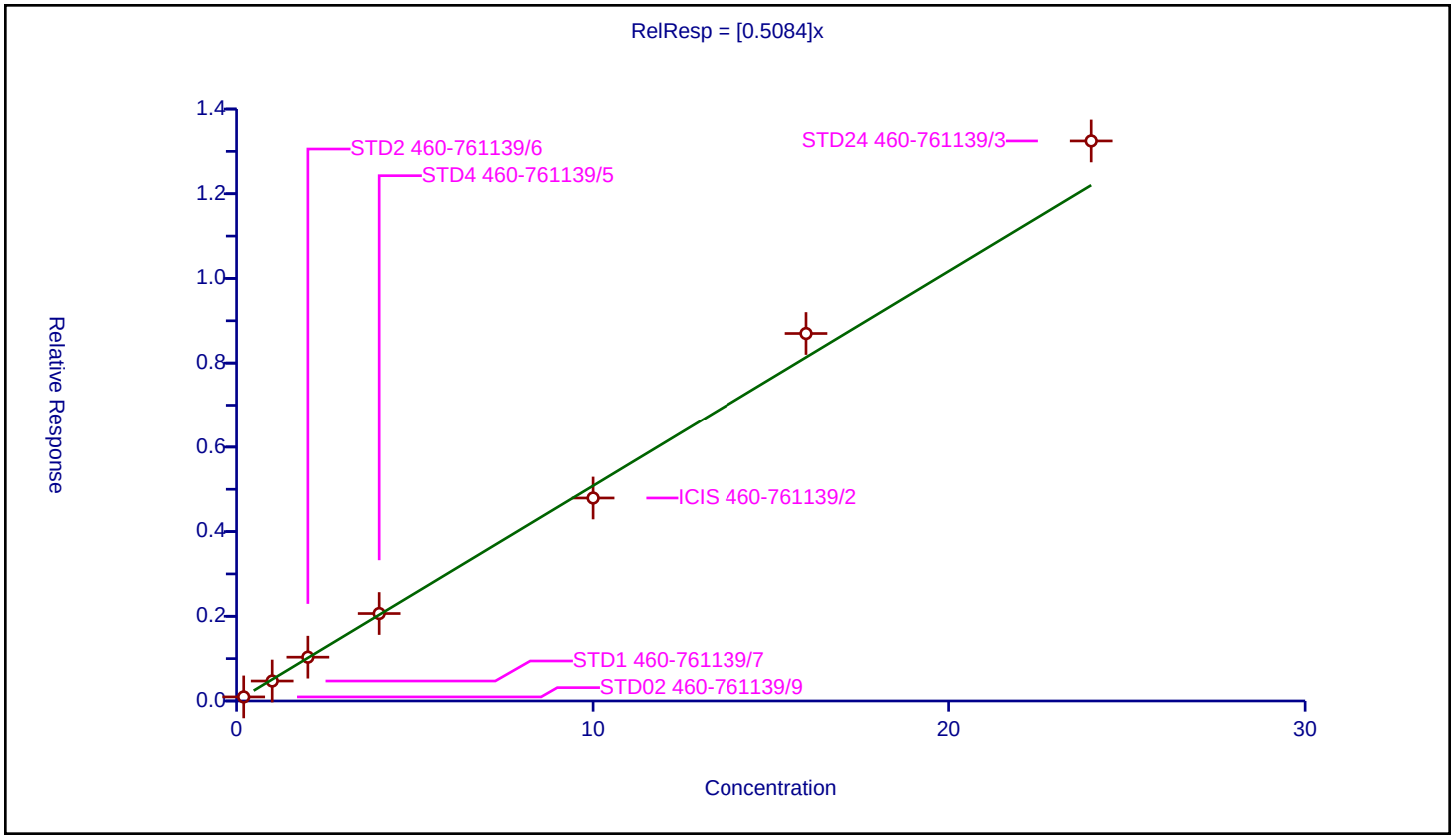
Curve Coefficients

Intercept:	0
Slope:	0.5084

Error Coefficients

Standard Error:	477000
Relative Standard Error:	6.4
Correlation Coefficient:	0.953
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.095912	8.0	501461.0	0.479559	Y
2	STD1 460-761139/7	1.0	0.471284	8.0	536984.0	0.471284	Y
3	STD2 460-761139/6	2.0	1.033975	8.0	511370.0	0.516988	Y
4	STD4 460-761139/5	4.0	2.064619	8.0	542407.0	0.516155	Y
5	ICIS 460-761139/2	10.0	4.793116	8.0	626168.0	0.479312	Y
6	STD16 460-761139/4	16.0	8.699115	8.0	688356.0	0.543695	Y
7	STD24 460-761139/3	24.0	13.24661	8.0	481899.0	0.551942	Y



Calibration / Benzo[a]anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

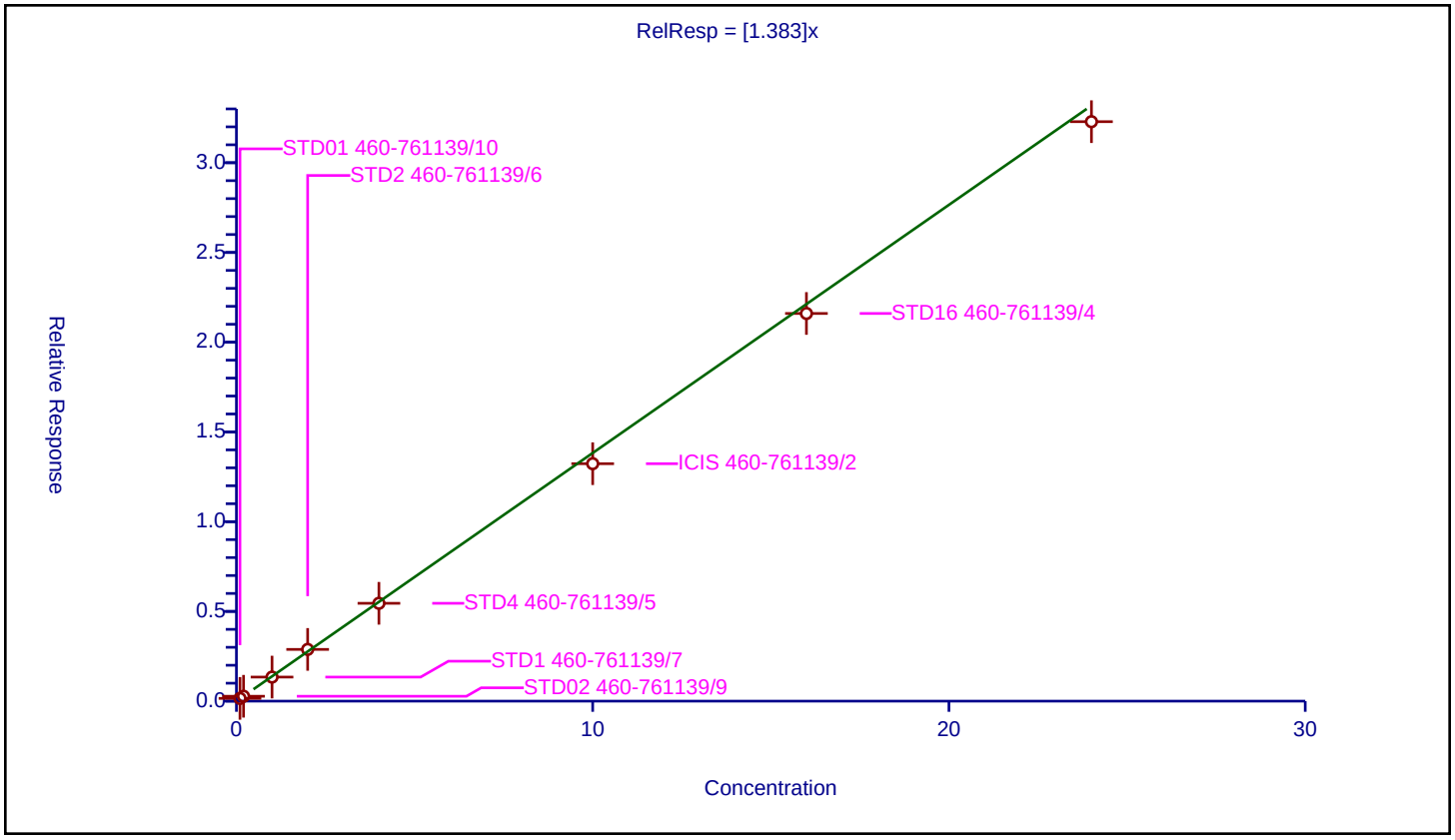
Curve Coefficients

Intercept:	0
Slope:	1.383

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	5.2
Correlation Coefficient:	0.952
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.153834	8.0	559251.0	1.538343	Y
2	STD02 460-761139/9	0.2	0.271846	8.0	501461.0	1.359228	Y
3	STD1 460-761139/7	1.0	1.340807	8.0	536984.0	1.340807	Y
4	STD2 460-761139/6	2.0	2.882719	8.0	511370.0	1.441359	Y
5	STD4 460-761139/5	4.0	5.452201	8.0	542407.0	1.36305	Y
6	ICIS 460-761139/2	10.0	13.231158	8.0	626168.0	1.323116	Y
7	STD16 460-761139/4	16.0	21.600649	8.0	688356.0	1.350041	Y
8	STD24 460-761139/3	24.0	32.287048	8.0	481899.0	1.345294	Y



Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

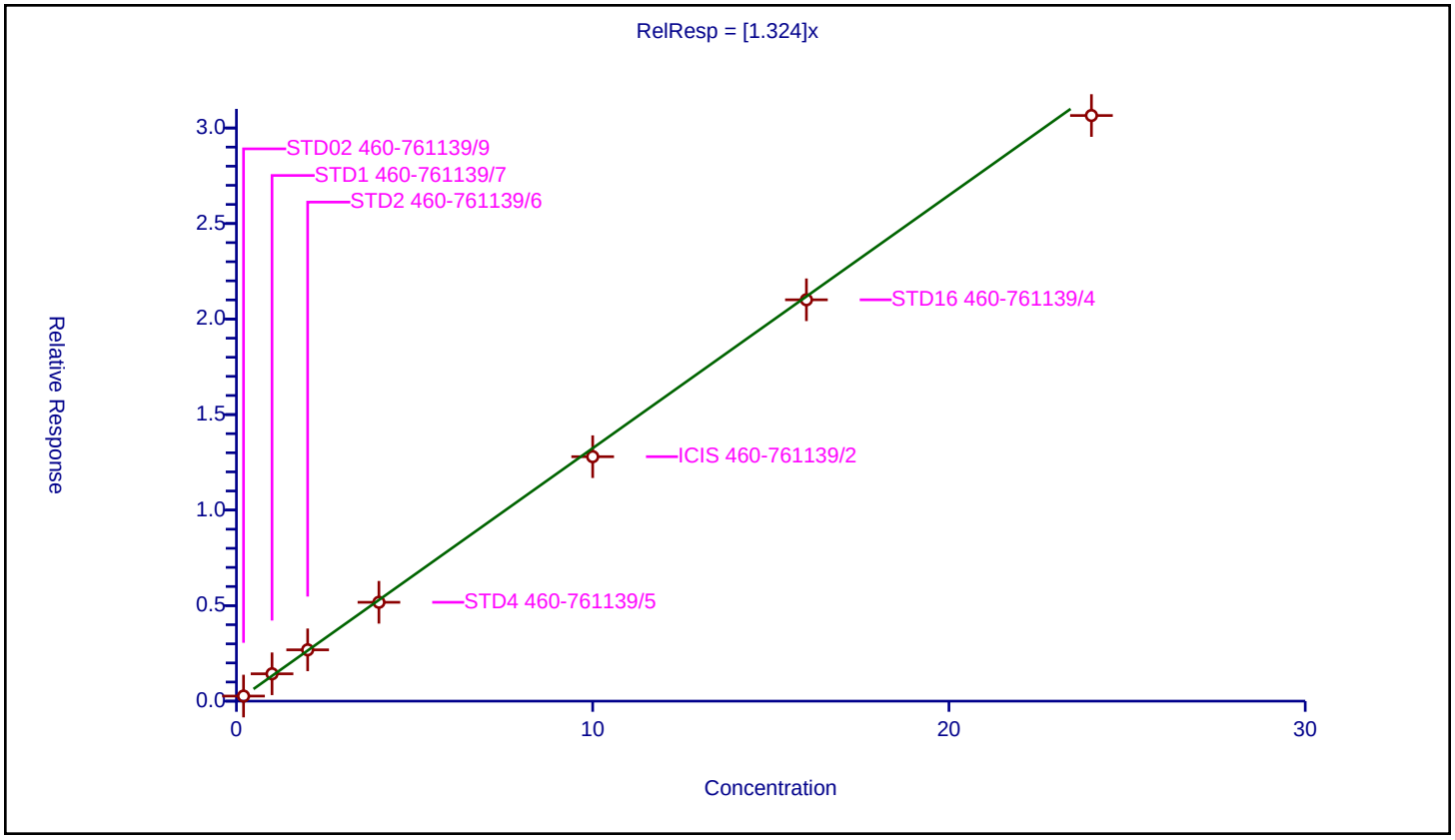
Curve Coefficients

Intercept:	0
Slope:	1.324

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	4.0
Correlation Coefficient:	0.939
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.26615	8.0	501461.0	1.330752	Y
2	STD1 460-761139/7	1.0	1.431	8.0	536984.0	1.431	Y
3	STD2 460-761139/6	2.0	2.685054	8.0	511370.0	1.342527	Y
4	STD4 460-761139/5	4.0	5.173562	8.0	542407.0	1.29339	Y
5	ICIS 460-761139/2	10.0	12.795582	8.0	626168.0	1.279558	Y
6	STD16 460-761139/4	16.0	21.008315	8.0	688356.0	1.31302	Y
7	STD24 460-761139/3	24.0	30.652265	8.0	481899.0	1.277178	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

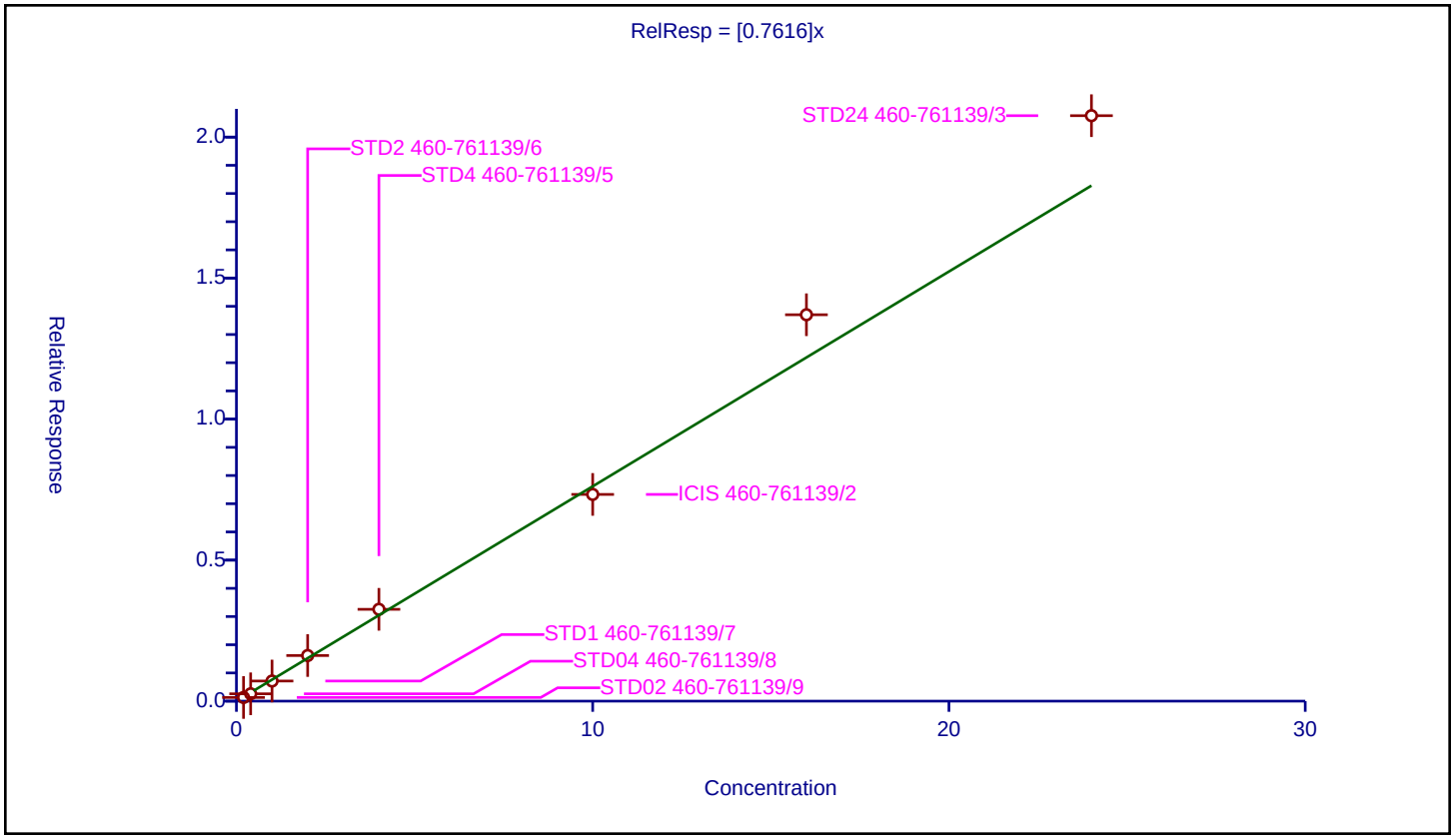
Curve Coefficients

Intercept:	0
Slope:	0.7616

Error Coefficients

Standard Error:	691000
Relative Standard Error:	11.3
Correlation Coefficient:	0.956
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-761139/9	0.2	0.13018	8.0	501461.0	0.650898	Y
2	STD04 460-761139/8	0.4	0.260636	8.0	568302.0	0.65159	Y
3	STD1 460-761139/7	1.0	0.713705	8.0	536984.0	0.713705	Y
4	STD2 460-761139/6	2.0	1.616865	8.0	511370.0	0.808432	Y
5	STD4 460-761139/5	4.0	3.256094	8.0	542407.0	0.814023	Y
6	ICIS 460-761139/2	10.0	7.330186	8.0	626168.0	0.733019	Y
7	STD16 460-761139/4	16.0	13.700632	8.0	688356.0	0.856289	Y
8	STD24 460-761139/3	24.0	20.759338	8.0	481899.0	0.864972	Y



Calibration / Di-n-octyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

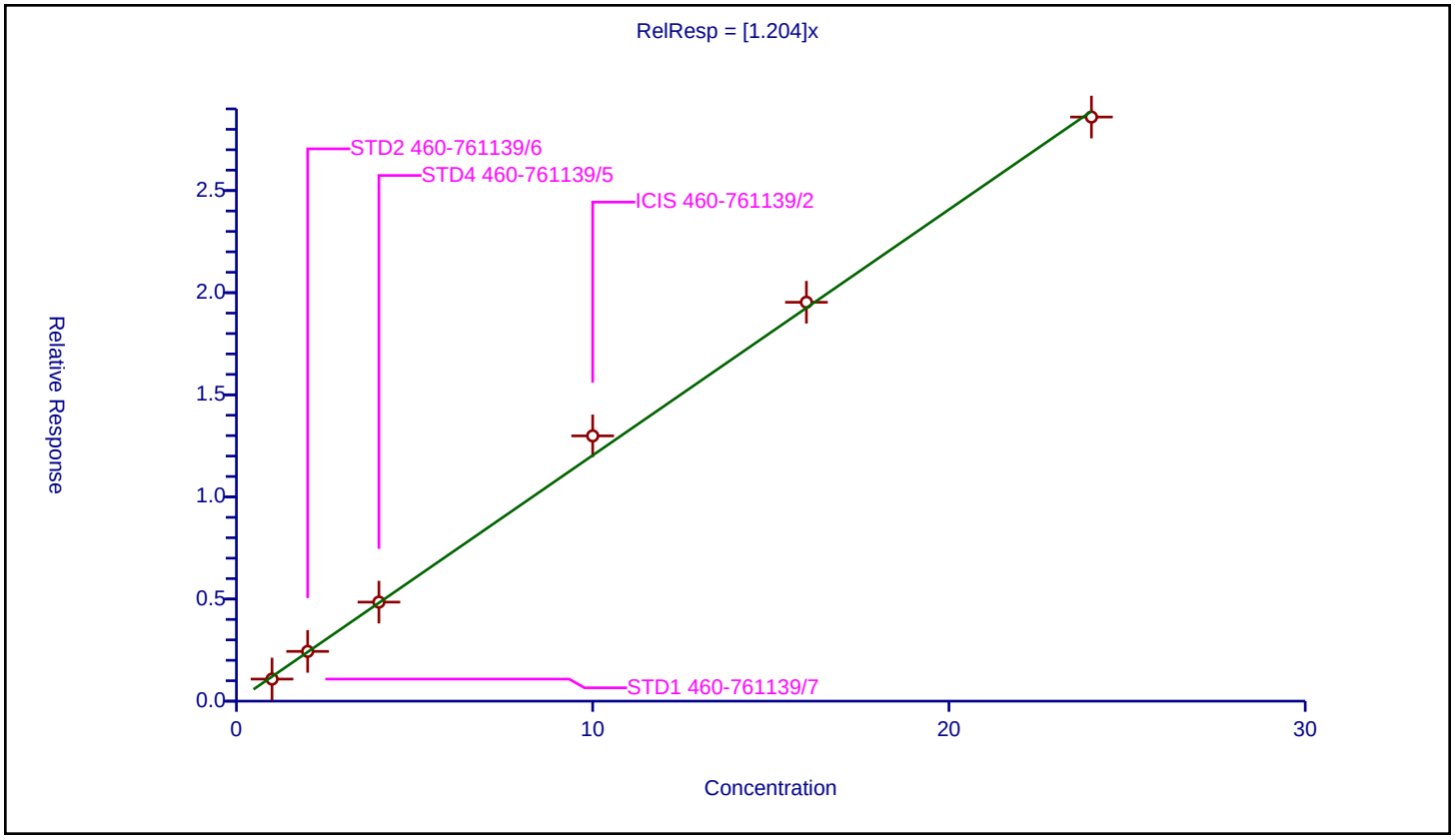
Curve Coefficients

Intercept:	0
Slope:	1.204

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	5.9
Correlation Coefficient:	0.936
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.080002	8.0	599110.0	1.080002	Y
2	STD2 460-761139/6	2.0	2.435122	8.0	581947.0	1.217561	Y
3	STD4 460-761139/5	4.0	4.848921	8.0	604136.0	1.21223	Y
4	ICIS 460-761139/2	10.0	12.989013	8.0	578864.0	1.298901	Y
5	STD16 460-761139/4	16.0	19.531833	8.0	824714.0	1.22074	Y
6	STD24 460-761139/3	24.0	28.600644	8.0	585871.0	1.191694	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

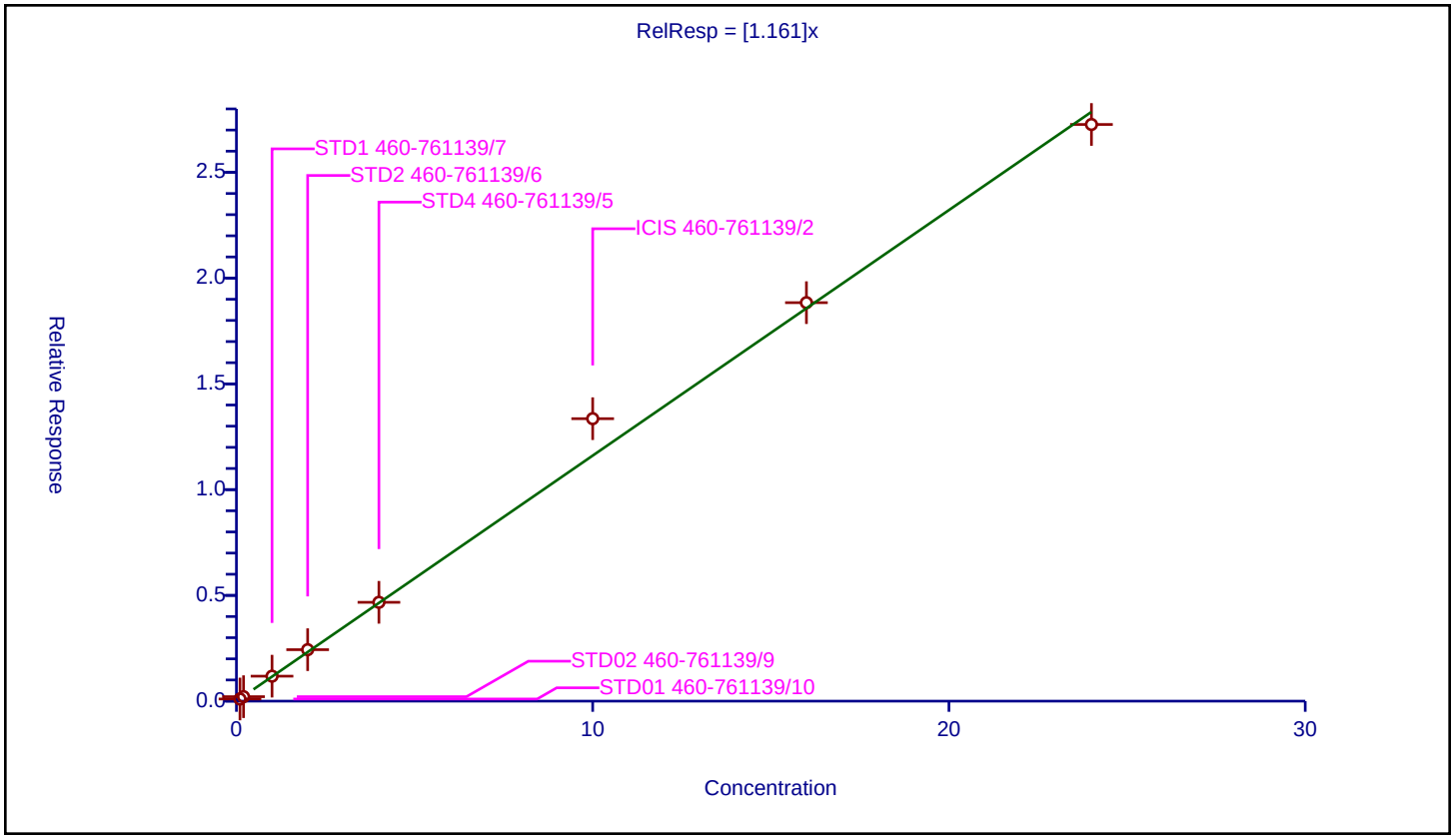
Curve Coefficients

Intercept:	0
Slope:	1.161

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	8.4
Correlation Coefficient:	0.949
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.101616	8.0	622814.0	1.016162	Y
2	STD02 460-761139/9	0.2	0.21126	8.0	584984.0	1.056302	Y
3	STD1 460-761139/7	1.0	1.180257	8.0	599110.0	1.180257	Y
4	STD2 460-761139/6	2.0	2.43284	8.0	581947.0	1.21642	Y
5	STD4 460-761139/5	4.0	4.67259	8.0	604136.0	1.168148	Y
6	ICIS 460-761139/2	10.0	13.353727	8.0	578864.0	1.335373	Y
7	STD16 460-761139/4	16.0	18.838899	8.0	824714.0	1.177431	Y
8	STD24 460-761139/3	24.0	27.263285	8.0	585871.0	1.13597	Y



Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

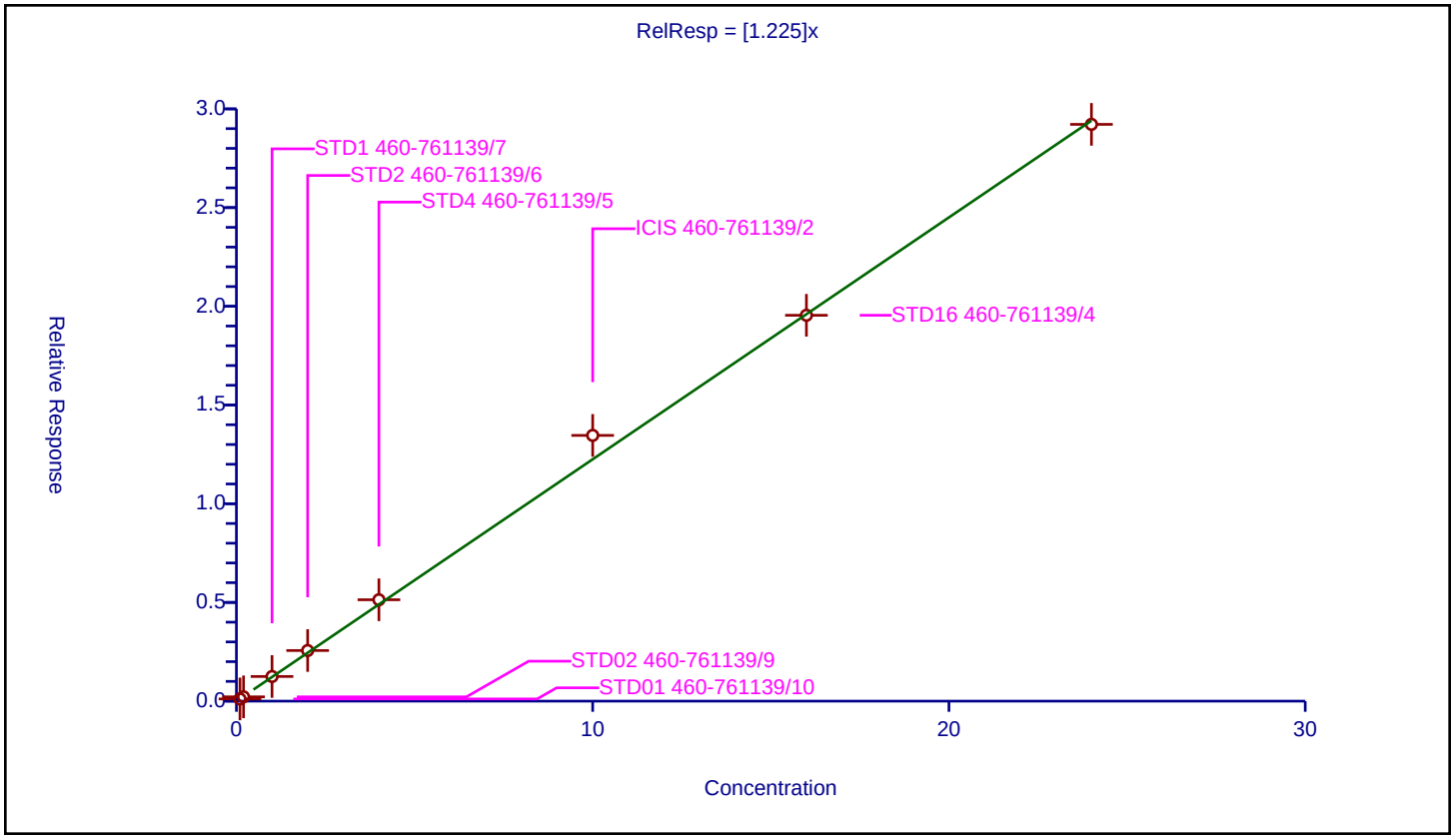
Curve Coefficients

Intercept:	0
Slope:	1.225

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	7.1
Correlation Coefficient:	0.957
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.111288	8.0	622814.0	1.112884	Y
2	STD02 460-761139/9	0.2	0.217825	8.0	584984.0	1.089124	Y
3	STD1 460-761139/7	1.0	1.248425	8.0	599110.0	1.248425	Y
4	STD2 460-761139/6	2.0	2.563711	8.0	581947.0	1.281856	Y
5	STD4 460-761139/5	4.0	5.134884	8.0	604136.0	1.283721	Y
6	ICIS 460-761139/2	10.0	13.460682	8.0	578864.0	1.346068	Y
7	STD16 460-761139/4	16.0	19.5452	8.0	824714.0	1.221575	Y
8	STD24 460-761139/3	24.0	29.215565	8.0	585871.0	1.217315	Y



Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

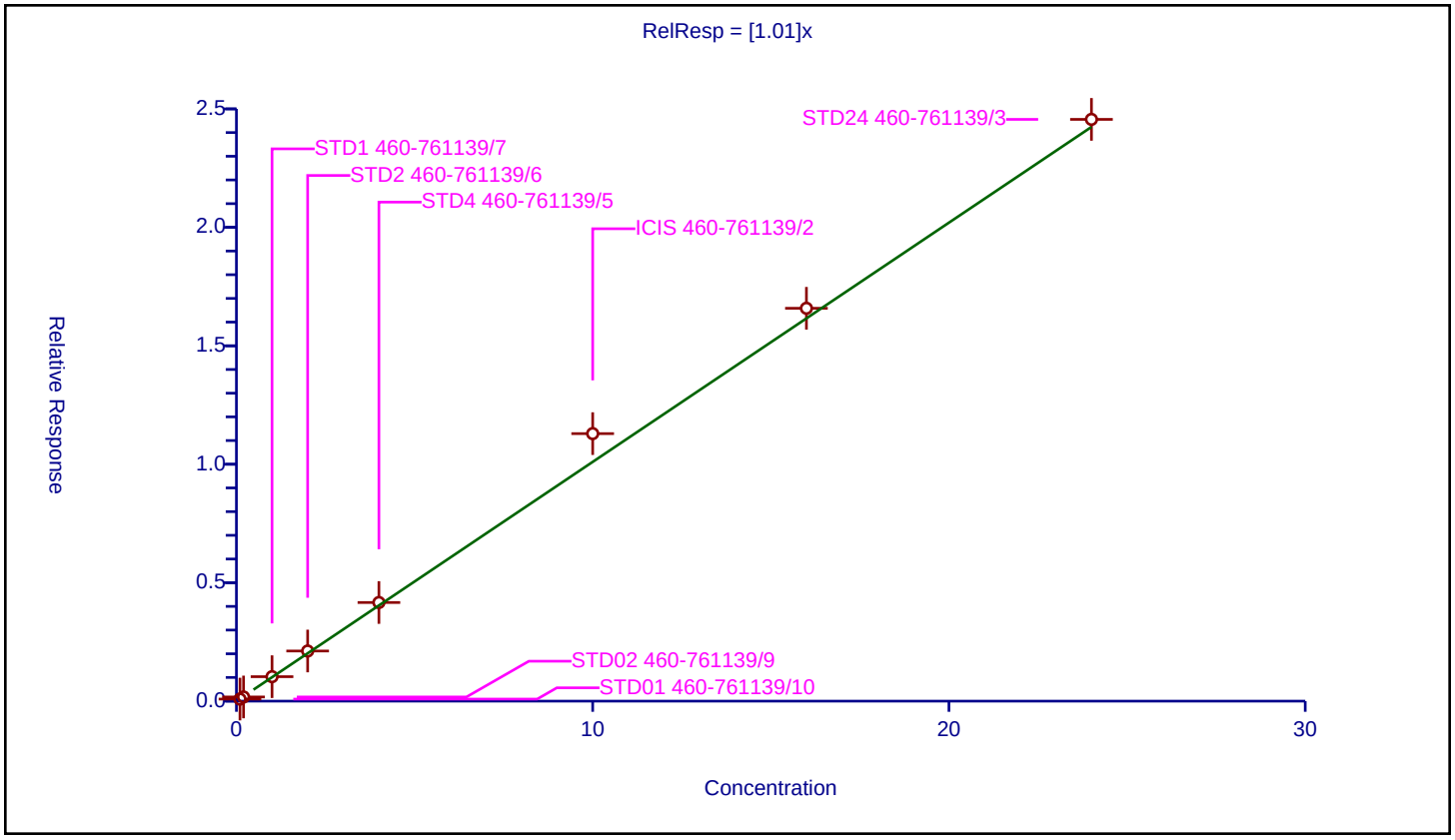
Curve Coefficients

Intercept:	0
Slope:	1.01

Error Coefficients

Standard Error:	997000
Relative Standard Error:	8.6
Correlation Coefficient:	0.954
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.087525	8.0	622814.0	0.875253	Y
2	STD02 460-761139/9	0.2	0.176497	8.0	584984.0	0.882486	Y
3	STD1 460-761139/7	1.0	1.032932	8.0	599110.0	1.032932	Y
4	STD2 460-761139/6	2.0	2.116839	8.0	581947.0	1.058419	Y
5	STD4 460-761139/5	4.0	4.163354	8.0	604136.0	1.040838	Y
6	ICIS 460-761139/2	10.0	11.292545	8.0	578864.0	1.129255	Y
7	STD16 460-761139/4	16.0	16.583921	8.0	824714.0	1.036495	Y
8	STD24 460-761139/3	24.0	24.556614	8.0	585871.0	1.023192	Y



Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

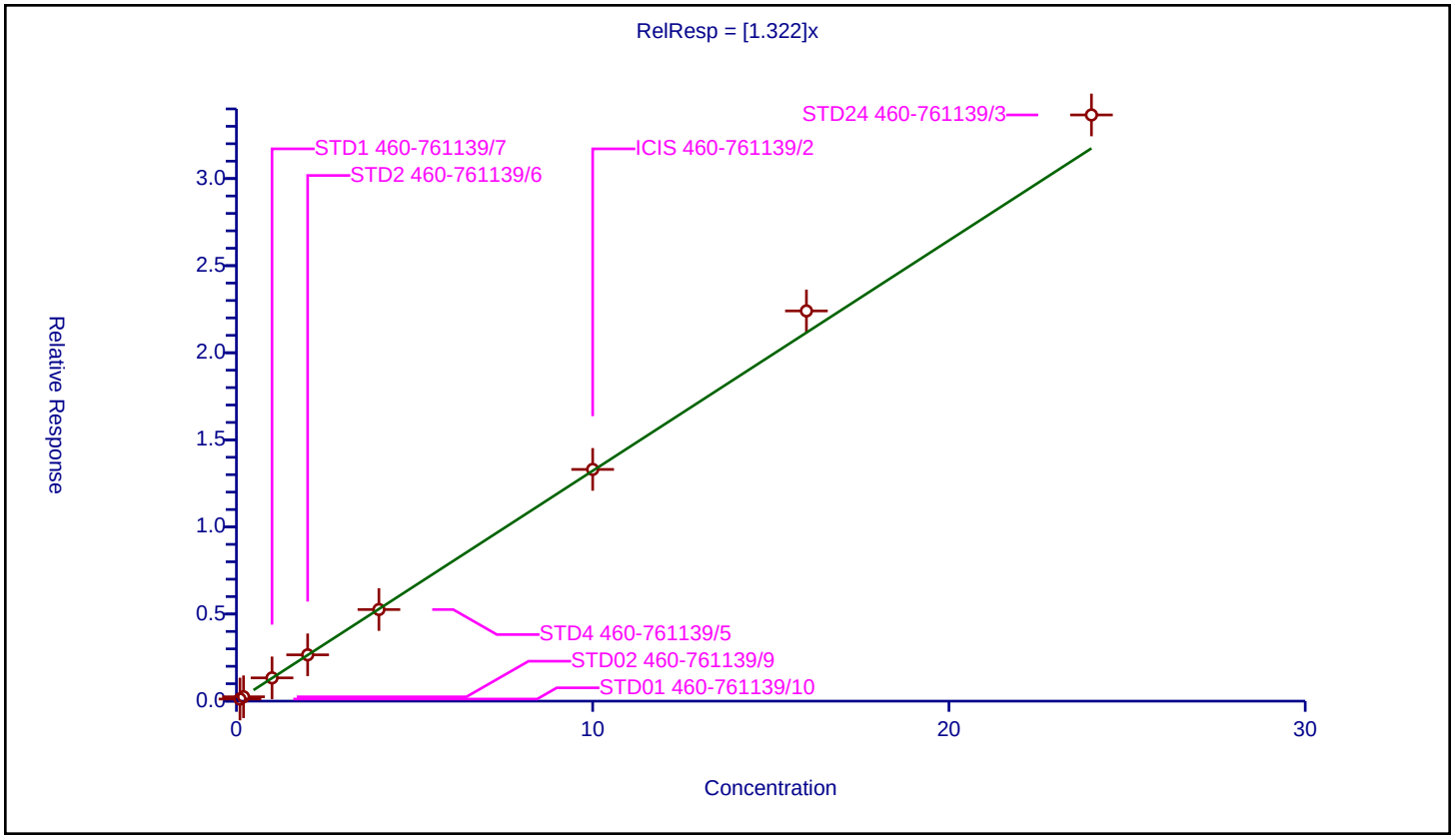
Curve Coefficients

Intercept:	0
Slope:	1.322

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	4.9
Correlation Coefficient:	0.953
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.121423	8.0	622814.0	1.214231	Y
2	STD02 460-761139/9	0.2	0.250578	8.0	584984.0	1.252889	Y
3	STD1 460-761139/7	1.0	1.334847	8.0	599110.0	1.334847	Y
4	STD2 460-761139/6	2.0	2.658002	8.0	581947.0	1.329001	Y
5	STD4 460-761139/5	4.0	5.259054	8.0	604136.0	1.314764	Y
6	ICIS 460-761139/2	10.0	13.302966	8.0	578864.0	1.330297	Y
7	STD16 460-761139/4	16.0	22.402947	8.0	824714.0	1.400184	Y
8	STD24 460-761139/3	24.0	33.653634	8.0	585871.0	1.402235	Y



Calibration / Dibenz(a,h)anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

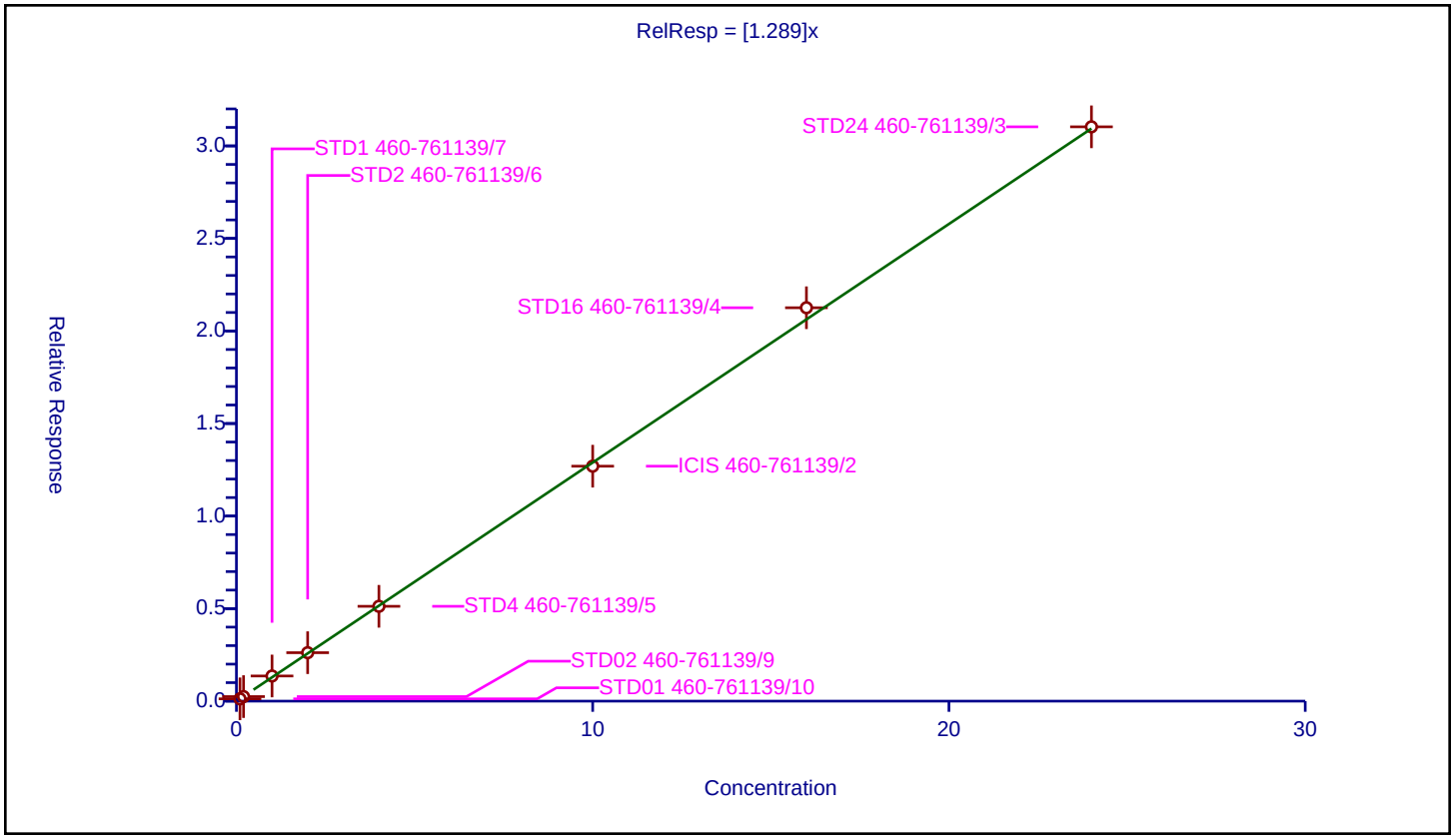
Curve Coefficients

Intercept:	0
Slope:	1.289

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	3.4
Correlation Coefficient:	0.947
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-761139/10	0.1	0.124493	8.0	622814.0	1.24493	Y
2	STD02 460-761139/9	0.2	0.245408	8.0	584984.0	1.227042	Y
3	STD1 460-761139/7	1.0	1.359657	8.0	599110.0	1.359657	Y
4	STD2 460-761139/6	2.0	2.618122	8.0	581947.0	1.309061	Y
5	STD4 460-761139/5	4.0	5.124489	8.0	604136.0	1.281122	Y
6	ICIS 460-761139/2	10.0	12.695251	8.0	578864.0	1.269525	Y
7	STD16 460-761139/4	16.0	21.255601	8.0	824714.0	1.328475	Y
8	STD24 460-761139/3	24.0	31.031391	8.0	585871.0	1.292975	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

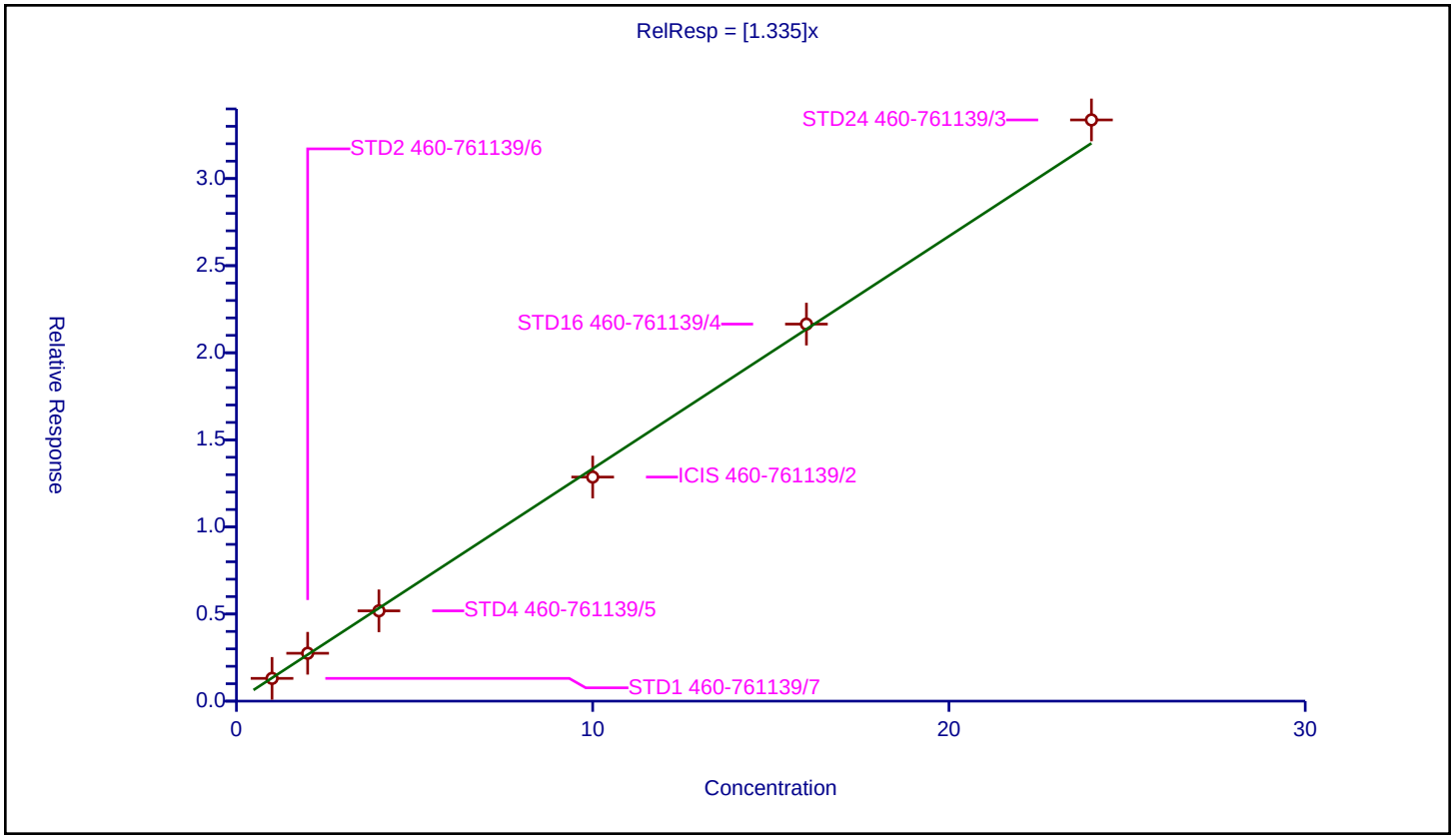
Curve Coefficients

Intercept:	0
Slope:	1.335

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	3.3
Correlation Coefficient:	0.946
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-761139/7	1.0	1.307259	8.0	599110.0	1.307259	Y
2	STD2 460-761139/6	2.0	2.749006	8.0	581947.0	1.374503	Y
3	STD4 460-761139/5	4.0	5.18376	8.0	604136.0	1.29594	Y
4	ICIS 460-761139/2	10.0	12.864051	8.0	578864.0	1.286405	Y
5	STD16 460-761139/4	16.0	21.645254	8.0	824714.0	1.352828	Y
6	STD24 460-761139/3	24.0	33.367687	8.0	585871.0	1.39032	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: ICV 460-761139/11 Calibration Date: 02/26/2021 11:32

Instrument ID: CBNAMS14 Calib Start Date: 02/26/2021 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/26/2021 11:10

Lab File ID: N030104.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5190	0.5044		4860	5000	-2.8	30.0
N-Nitrosodimethylamine	Ave	0.7512	0.7934		5280	5000	5.6	30.0
Pyridine	Ave	1.222	1.045		8550	10000	-14.5	30.0
Benzaldehyde	Ave	1.142	0.9058	0.0100	3970	5000	-20.7	30.0
Phenol	Ave	1.724	1.714	0.8000	4970	5000	-0.6	30.0
Aniline	Ave	1.967	1.934		4920	5000	-1.7	30.0
Bis(2-chloroethyl)ether	Ave	1.341	1.294	0.7000	4830	5000	-3.5	30.0
2-Chlorophenol	Ave	1.318	1.323	0.8000	5020	5000	0.3	30.0
n-Decane	Ave	1.957	1.921		4910	5000	-1.8	30.0
1,3-Dichlorobenzene	Ave	1.544	1.511		4890	5000	-2.2	30.0
1,4-Dichlorobenzene	Ave	1.558	1.518		4870	5000	-2.6	30.0
Benzyl alcohol	Ave	0.7555	0.7908		5230	5000	4.7	30.0
1,2-Dichlorobenzene	Ave	1.465	1.443		4920	5000	-1.5	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.470	2.488	0.0100	5040	5000	0.8	30.0
2-Methylphenol	Ave	1.136	1.124	0.7000	4950	5000	-1.0	30.0
Acetophenone	Ave	1.859	1.858	0.0100	5000	5000	-0.0	30.0
N-Methylaniline	Ave	2.012	1.917		4760	5000	-4.7	30.0
N-Nitrosodi-n-propylamine	Ave	0.9858	0.9854	0.5000	5000	5000	-0.0	30.0
3 & 4 Methylphenol	Ave	1.213	1.220		5030	5000	0.6	30.0
4-Methylphenol	Ave	1.213	1.220	0.6000	5030	5000	0.6	30.0
Hexachloroethane	Ave	0.6004	0.6057	0.3000	5040	5000	0.9	30.0
Nitrobenzene	Ave	0.6092	0.6222	0.2000	5110	5000	2.1	30.0
n,n'-Dimethylaniline	Ave	1.929	1.843		4780	5000	-4.5	30.0
Isophorone	Ave	0.6936	0.6873	0.4000	4950	5000	-0.9	30.0
2-Nitrophenol	Ave	0.2055	0.1971	0.1000	4800	5000	-4.1	30.0
2,4-Dimethylphenol	Ave	0.3077	0.2980	0.2000	4840	5000	-3.2	30.0
Bis(2-chloroethoxy)methane	Ave	0.4339	0.4133	0.3000	4760	5000	-4.7	30.0
Benzoic acid	Qua		0.1200		4300	5000	-13.9	30.0
2,4-Dichlorophenol	Ave	0.3193	0.3104	0.2000	4860	5000	-2.8	30.0
1,2,4-Trichlorobenzene	Ave	0.3787	0.3661		4830	5000	-3.3	30.0
Naphthalene	Ave	1.033	1.012	0.7000	4900	5000	-2.0	30.0
4-Chloroaniline	Ave	0.3887	0.3846	0.0100	4950	5000	-1.1	30.0
Hexachlorobutadiene	Ave	0.2432	0.2329	0.0100	4790	5000	-4.2	30.0
Caprolactam	Ave	0.0648	0.0709	0.0100	5470	5000	9.4	30.0
4-Chloro-3-methylphenol	Ave	0.2955	0.2774	0.2000	4700	5000	-6.1	30.0
2-Methylnaphthalene	Ave	0.7169	0.6878	0.4000	4800	5000	-4.1	30.0
1-Methylnaphthalene	Ave	0.6671	0.6407		4800	5000	-4.0	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7531	0.7560	0.0100	5020	5000	0.4	30.0
Hexachlorocyclopentadiene	Ave	0.5751	0.5072	0.0500	4410	5000	-11.8	30.0
2-tertbutyl-4-methylphenol	Ave	0.4542	0.4469		4920	5000	-1.6	30.0
2,4,6-Trichlorophenol	Ave	0.4537	0.4500	0.2000	4960	5000	-0.8	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: ICV 460-761139/11 Calibration Date: 02/26/2021 11:32

Instrument ID: CBNAMS14 Calib Start Date: 02/26/2021 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/26/2021 11:10

Lab File ID: N030104.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4905	0.4635	0.2000	4720	5000	-5.5	30.0
1,1'-Biphenyl	Ave	1.624	1.599	0.0100	4920	5000	-1.5	30.0
2-Chloronaphthalene	Ave	1.269	1.264	0.8000	4980	5000	-0.4	30.0
Phenyl ether	Ave	0.8819	0.8299		4710	5000	-5.9	30.0
2-Nitroaniline	Ave	0.4901	0.4774	0.0100	4870	5000	-2.6	30.0
1,3-Dimethylnaphthalene	Ave	0.997	1.029		5160	5000	3.2	30.0
Dimethyl phthalate	Ave	1.352	1.329	0.0100	4910	5000	-1.8	30.0
Coumarin	Ave	0.1964	0.1869		4760	5000	-4.8	30.0
2,6-Dinitrotoluene	Ave	0.3026	0.3031	0.2000	5010	5000	0.2	30.0
Acenaphthylene	Ave	1.880	1.824	0.9000	4850	5000	-3.0	30.0
3-Nitroaniline	Ave	0.2743	0.2725	0.0100	4970	5000	-0.7	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.285	1.225		4770	5000	-4.7	30.0
Acenaphthene	Ave	1.171	1.198	0.9000	5120	5000	2.3	30.0
2,4-Dinitrophenol	Qua		0.1561	0.0100	9520	10000	-4.8	30.0
4-Nitrophenol	Ave	0.2441	0.2307	0.0100	9450	10000	-5.5	30.0
2,4-Dinitrotoluene	Ave	0.3798	0.3775	0.2000	4970	5000	-0.6	30.0
Dibenzofuran	Ave	1.750	1.694	0.8000	4840	5000	-3.2	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3904	0.3761	0.0100	4820	5000	-3.7	30.0
Diethyl phthalate	Ave	1.290	1.262	0.0100	4890	5000	-2.2	30.0
4-Chlorophenyl phenyl ether	Ave	0.7144	0.6926	0.4000	4850	5000	-3.1	30.0
Fluorene	Ave	1.386	1.317	0.9000	4750	5000	-5.0	30.0
4-Nitroaniline	Ave	0.2542	0.2588	0.0100	5090	5000	1.8	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1299	0.1198	0.0100	9230	10000	-7.7	30.0
N-Nitrosodiphenylamine	Ave	0.5827	0.5697	0.0100	4890	5000	-2.2	30.0
1,2-Diphenylhydrazine	Ave	0.8629	0.8442		4890	5000	-2.2	30.0
4-Bromophenyl phenyl ether	Ave	0.2759	0.2739	0.1000	4960	5000	-0.7	30.0
Hexachlorobenzene	Ave	0.3253	0.3129	0.1000	4810	5000	-3.8	30.0
Atrazine	Ave	0.1909	0.2069	0.0100	5420	5000	8.4	30.0
Pentachlorophenol	Ave	0.1661	0.1494	0.0500	8990	10000	-10.1	30.0
Pentachloronitrobenzene	Ave	0.1258	0.1201	0.0100	4770	5000	-4.6	30.0
n-Octadecane	Ave	0.6891	0.6554		4760	5000	-4.9	30.0
Phenanthrene	Ave	1.121	1.071	0.7000	4780	5000	-4.5	30.0
Anthracene	Ave	1.138	1.086	0.7000	4770	5000	-4.6	30.0
Carbazole	Ave	0.9500	0.9091	0.0100	4780	5000	-4.3	30.0
Di-n-butyl phthalate	Ave	1.080	1.078	0.0100	4990	5000	-0.2	30.0
Fluoranthene	Ave	1.102	1.093	0.6000	4960	5000	-0.8	30.0
Benzidine	Ave	0.4088	0.3356		4100	5000	-17.9	30.0
Pyrene	Ave	1.607	1.564	0.6000	4870	5000	-2.7	30.0
Bisphenol-A	Ave	0.5519	0.6627		6000	5000	20.1	30.0
Butyl benzyl phthalate	Ave	0.5734	0.6071	0.0100	5290	5000	5.9	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: ICV 460-761139/11 Calibration Date: 02/26/2021 11:32

Instrument ID: CBNAMS14 Calib Start Date: 02/26/2021 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/26/2021 11:10

Lab File ID: N030104.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.5536	0.5615		5070	5000	1.4	30.0
3,3'-Dichlorobenzidine	Ave	0.5084	0.5145	0.0100	5060	5000	1.2	30.0
Benzo[a]anthracene	Ave	1.383	1.409	0.8000	5100	5000	1.9	30.0
Chrysene	Ave	1.324	1.292	0.7000	4880	5000	-2.4	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7616	0.8416	0.0100	5530	5000	10.5	30.0
Di-n-octyl phthalate	Ave	1.204	1.186	0.0100	4930	5000	-1.4	30.0
Benzo[b]fluoranthene	Ave	1.161	1.170		5040	5000	0.8	30.0
Benzo[k]fluoranthene	Ave	1.225	1.224	0.7000	5000	5000	-0.0	30.0
Benzo[a]pyrene	Ave	1.010	1.130	0.7000	5590	5000	11.9	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.322	1.332	0.5000	5040	5000	0.7	30.0
Dibenz(a,h)anthracene	Ave	1.289	1.256	0.4000	4870	5000	-2.6	30.0
Benzo[g,h,i]perylene	Ave	1.335	1.298	0.5000	4860	5000	-2.8	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030104.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 26-Feb-2021 11:32:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-011
Operator ID: Instrument ID: CBNAMS14
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:25:53 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 02-Mar-2021 07:26:48

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	1,4-Dioxane	88	1.810	1.816	-0.006	93	87775	5.00	4.86	
2	N-Nitrosodimethylamine	74	2.016	2.022	-0.006	73	138067	5.00	5.28	
3	Pyridine	79	2.051	2.058	-0.007	76	363823	10.0	8.55	
5	Benzaldehyde	77	3.922	3.922	0.000	92	157626	5.00	3.97	E
8	Aniline	93	4.028	4.028	0.000	76	336509	5.00	4.92	
7	Phenol	94	4.022	4.028	-0.006	86	298227	5.00	4.97	
9	Bis(2-chloroethyl)ether	93	4.075	4.075	0.000	94	225245	5.00	4.83	
10	Benzonitrile	103	4.093	4.093	0.000	99	431187	NC	NC	
11	2-Chlorophenol	128	4.151	4.151	0.000	92	230187	5.00	5.02	
12	n-Decane	43	4.187	4.187	0.000	94	334230	5.00	4.91	
13	1,3-Dichlorobenzene	146	4.287	4.287	0.000	93	262922	5.00	4.89	
* 14	1,4-Dichlorobenzene-d4	152	4.340	4.340	0.000	97	278424	8.00	8.00	
15	1,4-Dichlorobenzene	146	4.351	4.351	0.000	92	264087	5.00	4.87	
16	Benzyl alcohol	108	4.475	4.475	0.000	89	137604	5.00	5.23	
17	1,2-Dichlorobenzene	146	4.504	4.504	0.000	95	251067	5.00	4.92	
19	2,2'-oxybis[1-chloropropane]	45	4.592	4.599	-0.006	88	433028	5.00	5.04	
18	2-Methylphenol	108	4.598	4.599	0.000	80	195641	5.00	4.95	
20	N-Methylaniline	106	4.716	4.716	0.000	93	333552	5.00	4.76	
21	Acetophenone	105	4.716	4.722	-0.006	88	323259	5.00	5.00	
22	N-Nitrosodi-n-propylamine	70	4.722	4.722	0.000	93	171481	5.00	5.00	
23	3 & 4 Methylphenol	108	4.745	4.746	-0.001	72	212247	5.00	5.03	
24	4-Methylphenol	108	4.745	4.746	-0.001	93	212247	5.00	5.03	
25	Hexachloroethane	117	4.822	4.822	0.000	90	105404	5.00	5.04	
28	Nitrobenzene	123	4.881	4.881	0.000	90	108270	5.00	5.11	
29	n,n'-Dimethylaniline	120	4.887	4.887	0.000	94	320686	5.00	4.78	
30	Isophorone	82	5.110	5.110	0.000	98	423250	5.00	4.95	
32	2-Nitrophenol	139	5.187	5.187	0.000	82	121383	5.00	4.80	
33	2,4-Dimethylphenol	122	5.245	5.246	-0.001	87	183530	5.00	4.84	
34	Bis(2-chloroethoxy)methane	93	5.316	5.316	0.000	95	254555	5.00	4.76	
35	Benzoic acid	122	5.328	5.328	0.000	94	73921	5.00	4.30	
36	2,4-Dichlorophenol	162	5.434	5.434	0.000	93	191127	5.00	4.86	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
37 1,2,4-Trichlorobenzene	180	5.498	5.498	0.000	94	225447	5.00	4.83	
* 38 Naphthalene-d8	136	5.551	5.551	0.000	100	985346	8.00	8.00	
39 Naphthalene	128	5.569	5.569	0.000	98	623362	5.00	4.90	
40 4-Chloroaniline	127	5.628	5.628	0.000	95	236837	5.00	4.95	
130 2,6-Dichlorophenol	162	5.639	5.640	-0.001	94	186361	5.00	4.74	
41 Hexachlorobutadiene	225	5.698	5.698	0.000	96	143435	5.00	4.79	
42 Caprolactam	113	5.939	5.940	-0.001	86	43666	5.00	5.47	E
43 4-Chloro-3-methylphenol	107	6.116	6.116	0.000	97	170862	5.00	4.70	
44 2-Methylnaphthalene	142	6.234	6.234	0.000	83	423558	5.00	4.80	
45 1-Methylnaphthalene	142	6.322	6.322	0.000	93	394568	5.00	4.80	
46 Hexachlorocyclopentadiene	237	6.392	6.393	-0.001	97	153988	5.00	4.41	
47 1,2,4,5-Tetrachlorobenzene	216	6.392	6.393	-0.001	97	229522	5.00	5.02	
48 2-tertbutyl-4-methylphenol	149	6.439	6.440	-0.001	90	275233	5.00	4.92	
49 2,4,6-Trichlorophenol	196	6.510	6.510	0.000	89	136617	5.00	4.96	
50 2,4,5-Trichlorophenol	196	6.551	6.557	-0.006	96	140724	5.00	4.72	
52 1,1'-Biphenyl	154	6.675	6.675	0.000	97	485495	5.00	4.92	
53 2-Chloronaphthalene	162	6.692	6.692	0.000	96	383620	5.00	4.98	
54 Phenyl ether	170	6.775	6.775	0.000	89	251954	5.00	4.71	
55 2-Nitroaniline	65	6.792	6.792	0.000	94	144927	5.00	4.87	
57 1,3-Dimethylnaphthalene	156	6.898	6.898	0.000	91	312364	5.00	5.16	
59 Dimethyl phthalate	163	6.969	6.969	0.000	97	403345	5.00	4.91	
60 Coumarin	146	6.981	6.981	0.000	76	115128	5.00	4.76	
61 2,6-Dinitrotoluene	165	7.022	7.022	0.000	93	92016	5.00	5.01	
62 Acenaphthylene	152	7.081	7.081	0.000	97	553835	5.00	4.85	
63 3-Nitroaniline	138	7.181	7.187	-0.006	91	82731	5.00	4.97	
* 64 Acenaphthene-d10	164	7.216	7.216	0.000	95	485741	8.00	8.00	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.245	7.245	0.000	97	371905	5.00	4.77	
66 Acenaphthene	154	7.251	7.251	0.000	96	363630	5.00	5.12	
67 2,4-Dinitrophenol	184	7.275	7.281	-0.006	94	94795	10.0	9.52	
68 4-Nitrophenol	65	7.381	7.381	0.000	92	140086	10.0	9.45	
69 2,4-Dinitrotoluene	165	7.398	7.398	0.000	92	114614	5.00	4.97	
70 Dibenzofuran	168	7.410	7.410	0.000	99	514301	5.00	4.84	
72 2,3,4,6-Tetrachlorophenol	232	7.539	7.540	-0.001	94	114177	5.00	4.82	
73 Diethyl phthalate	149	7.633	7.634	-0.001	98	382986	5.00	4.89	
75 Fluorene	166	7.733	7.734	-0.001	92	399827	5.00	4.75	
74 4-Chlorophenyl phenyl ether	204	7.733	7.734	-0.001	78	210270	5.00	4.85	
76 4-Nitroaniline	138	7.763	7.763	0.000	91	78566	5.00	5.09	
77 4,6-Dinitro-2-methylphenol	198	7.786	7.787	-0.001	84	115968	10.0	9.23	
78 N-Nitrosodiphenylamine	169	7.851	7.851	0.000	98	275705	5.00	4.89	
79 1,2-Diphenylhydrazine	77	7.886	7.887	-0.001	98	408533	5.00	4.89	
81 4-Bromophenyl phenyl ether	248	8.198	8.198	0.000	91	132550	5.00	4.96	
82 Hexachlorobenzene	284	8.263	8.263	0.000	96	151399	5.00	4.81	
83 Atrazine	200	8.357	8.357	0.000	92	100107	5.00	5.42	E
84 Pentachlorophenol	266	8.451	8.451	0.000	93	144564	10.0	8.99	
85 Pentachloronitrobenzene	237	8.463	8.463	0.000	88	58096	5.00	4.77	
86 n-Octadecane	57	8.533	8.534	-0.001	93	317170	5.00	4.76	
* 87 Phenanthrene-d10	188	8.616	8.616	0.000	98	774280	8.00	8.00	
88 Phenanthrene	178	8.639	8.639	0.000	97	518206	5.00	4.78	
89 Anthracene	178	8.686	8.686	0.000	99	525558	5.00	4.77	
90 Carbazole	167	8.845	8.845	0.000	96	439946	5.00	4.78	
91 Di-n-butyl phthalate	149	9.180	9.181	-0.001	100	521543	5.00	4.99	
92 Fluoranthene	202	9.763	9.769	-0.006	98	528979	5.00	4.96	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	9.898	9.898	0.000	99	162386	5.00	4.10	
94 Pyrene	202	9.980	9.981	-0.001	98	531870	5.00	4.87	
95 Bisphenol-A	213	10.051	10.051	0.000	98	225308	5.00	6.00	
97 Butyl benzyl phthalate	149	10.627	10.628	-0.001	98	206415	5.00	5.29	
99 Carbamazepine	193	10.733	10.739	-0.006	91	190905	5.00	5.07	
100 3,3'-Dichlorobenzidine	252	11.198	11.198	0.000	99	174921	5.00	5.06	
101 Benzo[a]anthracene	228	11.216	11.216	0.000	98	479051	5.00	5.10	
* 102 Chrysene-d12	240	11.227	11.227	0.000	99	543960	8.00	8.00	
104 Chrysene	228	11.257	11.257	0.000	98	439390	5.00	4.88	
103 Bis(2-ethylhexyl) phthalate	149	11.274	11.280	-0.006	88	286123	5.00	5.53	
105 Di-n-octyl phthalate	149	12.086	12.086	0.000	97	471229	5.00	4.93	
106 Benzo[b]fluoranthene	252	12.557	12.557	0.000	97	464754	5.00	5.04	
107 Benzo[k]fluoranthene	252	12.592	12.592	0.000	98	486398	5.00	5.00	
108 Benzo[a]pyrene	252	12.998	12.998	0.000	98	448741	5.00	5.59	
* 109 Perylene-d12	264	13.080	13.080	0.000	100	635641	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.598	14.598	0.000	97	529081	5.00	5.04	
111 Dibenz(a,h)anthracene	278	14.633	14.639	-0.006	98	498968	5.00	4.87	
112 Benzo[g,h,i]perylene	276	15.009	15.010	-0.001	96	515481	5.00	4.86	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SV_ICV_ LVI_00003 Amount Added: 1.00 Units: mL

Report Date: 02-Mar-2021 07:26:52 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030104.d

Injection Date: 26-Feb-2021 11:32:30 Instrument ID: CBNAMS14 Operator ID:

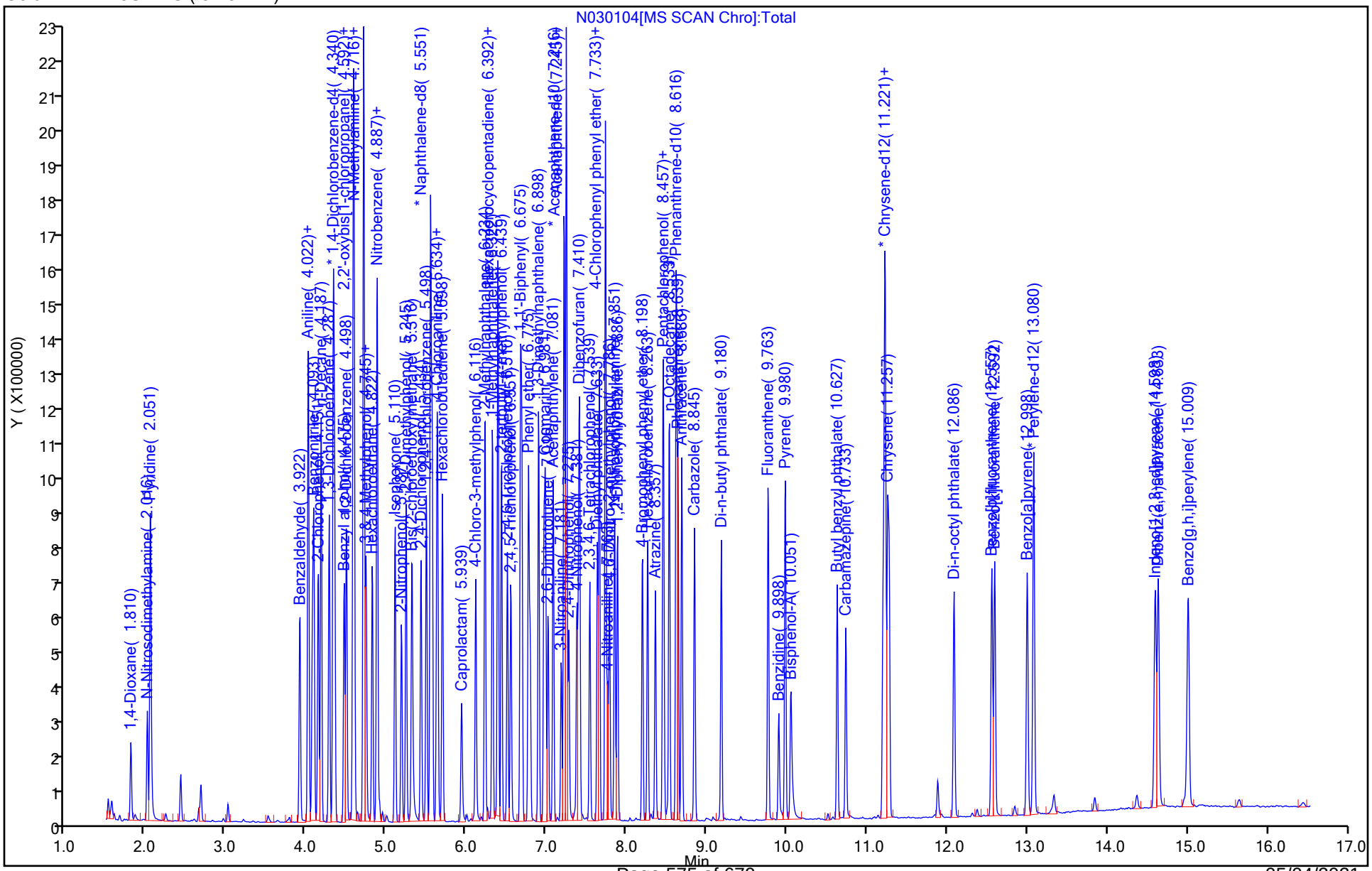
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: CCVIS 460-775252/2 Calibration Date: 05/01/2021 16:41

Instrument ID: CBNAMS14 Calib Start Date: 02/26/2021 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/26/2021 11:10

Lab File ID: N31631.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5190	0.5850		11300	10000	12.7	20.0
N-Nitrosodimethylamine	Ave	0.7512	0.9259		12300	10000	23.3*	20.0
Pyridine	Ave	1.222	1.355		22200	20000	10.8	20.0
Benzaldehyde	Ave	1.142	0.6578	0.0100	2300	4000	-42.4*	20.0
Phenol	Ave	1.724	1.981	0.8000	11500	10000	14.9	20.0
Aniline	Ave	1.967	2.297		11700	10000	16.8	20.0
Bis(2-chloroethyl)ether	Ave	1.341	1.471	0.7000	11000	10000	9.7	20.0
2-Chlorophenol	Ave	1.318	1.423	0.8000	10800	10000	8.0	20.0
n-Decane	Ave	1.957	2.286		11700	10000	16.8	20.0
1,3-Dichlorobenzene	Ave	1.544	1.567		10100	10000	1.4	20.0
1,4-Dichlorobenzene	Ave	1.558	1.593		10200	10000	2.2	20.0
Benzyl alcohol	Ave	0.7555	0.9096		12000	10000	20.4*	20.0
1,2-Dichlorobenzene	Ave	1.465	1.497		10200	10000	2.2	20.0
2-Methylphenol	Ave	1.136	1.267	0.7000	11200	10000	11.6	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.470	2.882	0.0100	11700	10000	16.7	20.0
N-Methylaniline	Ave	2.012	2.253		11200	10000	12.0	20.0
Acetophenone	Ave	1.859	2.018	0.0100	10900	10000	8.6	20.0
N-Nitrosodi-n-propylamine	Ave	0.9858	1.136	0.5000	11500	10000	15.3	20.0
3 & 4 Methylphenol	Ave	1.213	1.452		12000	10000	19.8	20.0
4-Methylphenol	Ave	1.213	1.452	0.6000	12000	10000	19.8	20.0
Hexachloroethane	Ave	0.6004	0.6531	0.3000	10900	10000	8.8	20.0
Nitrobenzene	Ave	0.6092	0.6928	0.2000	11400	10000	13.7	20.0
n,n'-Dimethylaniline	Ave	1.929	1.981		10300	10000	2.7	20.0
Isophorone	Ave	0.6936	0.7568	0.4000	10900	10000	9.1	20.0
2-Nitrophenol	Ave	0.2055	0.2071	0.1000	10100	10000	0.8	20.0
2,4-Dimethylphenol	Ave	0.3077	0.3261	0.2000	10600	10000	6.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.4339	0.4695	0.3000	10800	10000	8.2	20.0
Benzoic acid	Qua		0.1838		11000	10000	9.9	20.0
2,4-Dichlorophenol	Ave	0.3193	0.3160	0.2000	9900	10000	-1.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3787	0.3633		9590	10000	-4.1	20.0
Naphthalene	Ave	1.033	1.068	0.7000	10300	10000	3.4	20.0
4-Chloroaniline	Ave	0.3887	0.4459	0.0100	11500	10000	14.7	20.0
Hexachlorobutadiene	Ave	0.2432	0.2086	0.0100	8580	10000	-14.2	20.0
Caprolactam	Ave	0.0648	0.1009	0.0100	6230	4000	55.6*	20.0
4-Chloro-3-methylphenol	Ave	0.2955	0.3171	0.2000	10700	10000	7.3	20.0
2-Methylnaphthalene	Ave	0.7169	0.7226	0.4000	10100	10000	0.8	20.0
1-Methylnaphthalene	Ave	0.6671	0.6777		10200	10000	1.6	20.0
Hexachlorocyclopentadiene	Ave	0.5751	0.4779	0.0500	8310	10000	-16.9	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7531	0.6980	0.0100	9270	10000	-7.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4542	0.4364		9610	10000	-3.9	20.0
2,4,6-Trichlorophenol	Ave	0.4537	0.4542	0.2000	10000	10000	0.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: CCVIS 460-775252/2 Calibration Date: 05/01/2021 16:41

Instrument ID: CBNAMS14 Calib Start Date: 02/26/2021 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/26/2021 11:10

Lab File ID: N31631.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4905	0.5045	0.2000	10300	10000	2.8	20.0
1,1'-Biphenyl	Ave	1.624	1.638	0.0100	10100	10000	0.9	20.0
2-Chloronaphthalene	Ave	1.269	1.269	0.8000	10000	10000	0.0	20.0
Phenyl ether	Ave	0.8819	0.8404		9530	10000	-4.7	20.0
2-Nitroaniline	Ave	0.4901	0.5725	0.0100	11700	10000	16.8	20.0
1,3-Dimethylnaphthalene	Ave	0.997	1.039		10400	10000	4.2	20.0
Dimethyl phthalate	Ave	1.352	1.370	0.0100	10100	10000	1.3	20.0
Coumarin	Ave	0.1964	0.2179		11100	10000	10.9	20.0
2,6-Dinitrotoluene	Ave	0.3026	0.3208	0.2000	10600	10000	6.0	20.0
Acenaphthylene	Ave	1.880	1.891	0.9000	10100	10000	0.6	20.0
3-Nitroaniline	Ave	0.2743	0.3298	0.0100	12000	10000	20.2*	20.0
Acenaphthene	Ave	1.171	1.141	0.9000	9750	10000	-2.5	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.285	1.085		8440	10000	-15.6	20.0
2,4-Dinitrophenol	Qua		0.1582	0.0100	18000	20000	-9.9	20.0
4-Nitrophenol	Ave	0.2441	0.2771	0.0100	22700	20000	13.5	20.0
2,4-Dinitrotoluene	Ave	0.3798	0.4116	0.2000	10800	10000	8.4	20.0
Dibenzofuran	Ave	1.750	1.713	0.8000	9790	10000	-2.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3904	0.3584	0.0100	9180	10000	-8.2	20.0
Diethyl phthalate	Ave	1.290	1.351	0.0100	10500	10000	4.7	20.0
Fluorene	Ave	1.386	1.373	0.9000	9900	10000	-1.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.7144	0.6538	0.4000	9150	10000	-8.5	20.0
4-Nitroaniline	Ave	0.2542	0.3025	0.0100	11900	10000	19.0	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1299	0.1252	0.0100	19300	20000	-3.6	20.0
N-Nitrosodiphenylamine	Ave	0.5827	0.5660	0.0100	9710	10000	-2.9	20.0
1,2-Diphenylhydrazine	Ave	0.8629	0.9406		10900	10000	9.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2759	0.2376	0.1000	8610	10000	-13.9	20.0
Hexachlorobenzene	Ave	0.3253	0.2786	0.1000	8560	10000	-14.4	20.0
Atrazine	Ave	0.1909	0.2216	0.0100	4640	4000	16.1	20.0
Pentachlorophenol	Ave	0.1661	0.1425	0.0500	17200	20000	-14.2	20.0
Pentachloronitrobenzene	Ave	0.1258	0.1132	0.0100	9000	10000	-10.0	20.0
n-Octadecane	Ave	0.6891	0.7156		10400	10000	3.8	20.0
Phenanthrene	Ave	1.121	1.082	0.7000	9650	10000	-3.5	20.0
Anthracene	Ave	1.138	1.098	0.7000	9650	10000	-3.5	20.0
Carbazole	Ave	0.9500	0.9542	0.0100	10000	10000	0.4	20.0
Di-n-butyl phthalate	Ave	1.080	1.151	0.0100	10700	10000	6.6	20.0
Fluoranthene	Ave	1.102	1.047	0.6000	9500	10000	-5.0	20.0
Benzidine	Ave	0.4088	0.4723		11600	10000	15.5	20.0
Pyrene	Ave	1.607	1.581	0.6000	9840	10000	-1.6	20.0
Bisphenol-A	Ave	0.5519	0.6650		12000	10000	20.5*	20.0
Butyl benzyl phthalate	Ave	0.5734	0.6145	0.0100	10700	10000	7.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: CCVIS 460-775252/2 Calibration Date: 05/01/2021 16:41

Instrument ID: CBNAMS14 Calib Start Date: 02/26/2021 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/26/2021 11:10

Lab File ID: N31631.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.2097	0.2297		110	100	9.6	20.0
Carbamazepine	Ave	0.5536	0.5324		9620	10000	-3.8	20.0
3,3'-Dichlorobenzidine	Ave	0.5084	0.4745	0.0100	9330	10000	-6.7	20.0
Benzo[a]anthracene	Ave	1.383	1.264	0.8000	9140	10000	-8.6	20.0
Chrysene	Ave	1.324	1.261	0.7000	9520	10000	-4.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7616	0.8090	0.0100	10600	10000	6.2	20.0
Di-n-octyl phthalate	Ave	1.204	1.295	0.0100	10800	10000	7.6	20.0
Benzo[b]fluoranthene	Ave	1.161	1.231		10600	10000	6.1	20.0
Benzo[k]fluoranthene	Ave	1.225	1.311	0.7000	10700	10000	7.0	20.0
Benzo[a]pyrene	Ave	1.010	1.094	0.7000	10800	10000	8.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.322	1.315	0.5000	9950	10000	-0.5	20.0
Dibenz(a,h)anthracene	Ave	1.289	1.277	0.4000	9910	10000	-0.9	20.0
Benzo[g,h,i]perylene	Ave	1.335	1.345	0.5000	10100	10000	0.8	20.0
2-Fluorophenol (Surr)	Ave	1.263	1.456		11500	10000	15.3	20.0
Phenol-d5 (Surr)	Ave	1.589	1.933		12200	10000	21.7*	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4291	0.5061		11800	10000	17.9	20.0
2-Fluorobiphenyl	Ave	1.623	1.687		10400	10000	3.9	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.3009	0.2871		9540	10000	-4.6	20.0
Terphenyl-d14 (Surr)	Ave	1.230	1.168		9500	10000	-5.0	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31631.d
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 01-May-2021 16:41:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127935-002
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub44

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 03-May-2021 11:12:42 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: khlungprakhons Date: 03-May-2021 11:12:42

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.628	1.628	0.000	91	271544	10.0	11.3	
	2 N-Nitrosodimethylamine	74	1.828	1.828	0.000	71	429815	10.0	12.3	
	3 Pyridine	79	1.858	1.858	0.000	76	1257771	20.0	22.2	
$	4 2-Fluorophenol	112	2.887	2.887	0.000	88	675698	10.0	11.5	
	5 Benzaldehyde	77	3.693	3.693	0.000	91	122133	4.00	2.30	
$	6 Phenol-d5	99	3.781	3.781	0.000	98	897261	10.0	12.2	
	7 Phenol	94	3.793	3.793	0.000	95	919493	10.0	11.5	
	8 Aniline	93	3.799	3.799	0.000	97	1066373	10.0	11.7	
	9 Bis(2-chloroethyl)ether	93	3.857	3.857	0.000	94	683008	10.0	11.0	
	10 Benzonitrile	103	3.875	3.875	0.000	98	1260072	NC	NC	
	11 2-Chlorophenol	128	3.916	3.916	0.000	90	660589	10.0	10.8	
	12 n-Decane	43	3.963	3.963	0.000	95	1061242	10.0	11.7	
	13 1,3-Dichlorobenzene	146	4.057	4.057	0.000	91	727285	10.0	10.1	
*	14 1,4-Dichlorobenzene-d4	152	4.110	4.110	0.000	98	371354	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.128	4.128	0.000	90	739457	10.0	10.2	
	16 Benzyl alcohol	108	4.251	4.251	0.000	88	422215	10.0	12.0	
	17 1,2-Dichlorobenzene	146	4.275	4.275	0.000	93	695073	10.0	10.2	
	18 2-Methylphenol	108	4.369	4.369	0.000	84	588290	10.0	11.2	
	19 2,2'-oxybis[1-chloropropane]	45	4.381	4.381	0.000	92	1337610	10.0	11.7	
	20 N-Methylaniline	106	4.499	4.499	0.000	97	1046040	10.0	11.2	
	21 Acetophenone	105	4.504	4.504	0.000	86	936879	10.0	10.9	
	22 N-Nitrosodi-n-propylamine	70	4.510	4.510	0.000	94	527430	10.0	11.5	
	23 3 & 4 Methylphenol	108	4.522	4.522	0.000	80	674116	10.0	12.0	
	24 4-Methylphenol	108	4.522	4.522	0.000	94	674116	10.0	12.0	
	25 Hexachloroethane	117	4.599	4.599	0.000	93	303155	10.0	10.9	
$	27 Nitrobenzene-d5	82	4.646	4.646	0.000	94	844409	10.0	11.8	
	28 Nitrobenzene	123	4.663	4.663	0.000	89	321600	10.0	11.4	
	29 n,n'-Dimethylaniline	120	4.669	4.669	0.000	93	919382	10.0	10.3	
	30 Isophorone	82	4.898	4.898	0.000	98	1262799	10.0	10.9	
	32 2-Nitrophenol	139	4.969	4.969	0.000	80	345590	10.0	10.1	
	33 2,4-Dimethylphenol	122	5.028	5.028	0.000	87	544097	10.0	10.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.110	5.110	0.000	94	783326	10.0	10.8	
35 Benzoic acid	122	5.151	5.151	0.000	92	306708	10.0	11.0	
36 2,4-Dichlorophenol	162	5.210	5.210	0.000	92	527270	10.0	9.90	
37 1,2,4-Trichlorobenzene	180	5.281	5.281	0.000	94	606197	10.0	9.59	
* 38 Naphthalene-d8	136	5.334	5.334	0.000	99	1334795	8.00	8.00	
39 Naphthalene	128	5.351	5.351	0.000	98	1782402	10.0	10.3	
40 4-Chloroaniline	127	5.416	5.416	0.000	96	744013	10.0	11.5	
130 2,6-Dichlorophenol	162	5.422	5.422	0.000	93	504500	10.0	9.67	
41 Hexachlorobutadiene	225	5.487	5.487	0.000	94	347996	10.0	8.58	
42 Caprolactam	113	5.745	5.745	0.000	86	67355	4.00	6.23	EM
43 4-Chloro-3-methylphenol	107	5.898	5.898	0.000	96	529158	10.0	10.7	
44 2-Methylnaphthalene	142	6.016	6.016	0.000	84	1205698	10.0	10.1	
45 1-Methylnaphthalene	142	6.110	6.110	0.000	92	1130749	10.0	10.2	
46 Hexachlorocyclopentadiene	237	6.175	6.175	0.000	96	398775	10.0	8.31	
47 1,2,4,5-Tetrachlorobenzene	216	6.181	6.181	0.000	96	582392	10.0	9.27	
48 2-tertbutyl-4-methylphenol	149	6.228	6.228	0.000	88	728090	10.0	9.61	
49 2,4,6-Trichlorophenol	196	6.293	6.293	0.000	88	378956	10.0	10.0	
50 2,4,5-Trichlorophenol	196	6.334	6.334	0.000	96	420889	10.0	10.3	
$ 51 2-Fluorobiphenyl	172	6.369	6.369	0.000	97	1407131	10.0	10.4	
52 1,1'-Biphenyl	154	6.463	6.463	0.000	97	1366807	10.0	10.1	
53 2-Chloronaphthalene	162	6.475	6.475	0.000	98	1059078	10.0	10.0	
54 Phenyl ether	170	6.563	6.563	0.000	90	701184	10.0	9.53	
55 2-Nitroaniline	65	6.581	6.581	0.000	93	477649	10.0	11.7	
57 1,3-Dimethylnaphthalene	156	6.687	6.687	0.000	91	866791	10.0	10.4	
59 Dimethyl phthalate	163	6.763	6.763	0.000	97	1143463	10.0	10.1	
60 Coumarin	146	6.769	6.769	0.000	79	363521	10.0	11.1	
61 2,6-Dinitrotoluene	165	6.810	6.810	0.000	90	267691	10.0	10.6	
62 Acenaphthylene	152	6.863	6.863	0.000	97	1577387	10.0	10.1	
63 3-Nitroaniline	138	6.969	6.969	0.000	90	275142	10.0	12.0	
* 64 Acenaphthene-d10	164	6.998	6.998	0.000	95	667479	8.00	8.00	
66 Acenaphthene	154	7.034	7.034	0.000	96	952195	10.0	9.75	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.040	7.040	0.000	99	905253	10.0	8.44	
67 2,4-Dinitrophenol	184	7.069	7.069	0.000	88	263905	20.0	18.0	
68 4-Nitrophenol	65	7.157	7.157	0.000	93	462406	20.0	22.7	
69 2,4-Dinitrotoluene	165	7.192	7.192	0.000	88	343420	10.0	10.8	
70 Dibenzofuran	168	7.198	7.198	0.000	94	1429493	10.0	9.79	
72 2,3,4,6-Tetrachlorophenol	232	7.322	7.322	0.000	92	299043	10.0	9.18	
73 Diethyl phthalate	149	7.428	7.428	0.000	97	1127368	10.0	10.5	
75 Fluorene	166	7.516	7.516	0.000	95	1145314	10.0	9.90	
74 4-Chlorophenyl phenyl ether	204	7.522	7.522	0.000	85	545471	10.0	9.15	
76 4-Nitroaniline	138	7.551	7.551	0.000	93	252423	10.0	11.9	
77 4,6-Dinitro-2-methylphenol	198	7.581	7.581	0.000	78	347117	20.0	19.3	
78 N-Nitrosodiphenylamine	169	7.639	7.639	0.000	97	784394	10.0	9.71	
79 1,2-Diphenylhydrazine	77	7.675	7.675	0.000	99	1303413	10.0	10.9	
$ 80 2,4,6-Tribromophenol	330	7.745	7.745	0.000	96	239549	10.0	9.54	
81 4-Bromophenyl phenyl ether	248	7.981	7.981	0.000	85	329269	10.0	8.61	
82 Hexachlorobenzene	284	8.045	8.045	0.000	98	386093	10.0	8.56	
83 Atrazine	200	8.151	8.151	0.000	88	122824	4.00	4.64	
84 Pentachlorophenol	266	8.234	8.234	0.000	93	394961	20.0	17.2	
85 Pentachloronitrobenzene	237	8.245	8.245	0.000	87	156898	10.0	9.00	
86 n-Octadecane	57	8.328	8.328	0.000	93	991603	10.0	10.4	
* 87 Phenanthrene-d10	188	8.398	8.398	0.000	99	1108617	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.422	8.422	0.000	98	1499270	10.0	9.65	
89 Anthracene	178	8.469	8.469	0.000	98	1521878	10.0	9.65	
90 Carbazole	167	8.628	8.628	0.000	96	1322315	10.0	10.0	
91 Di-n-butyl phthalate	149	8.975	8.975	0.000	99	1594585	10.0	10.7	
92 Fluoranthene	202	9.545	9.545	0.000	98	1450631	10.0	9.50	
93 Benzidine	184	9.681	9.681	0.000	99	654484	10.0	11.6	
94 Pyrene	202	9.757	9.757	0.000	97	1468162	10.0	9.84	
95 Bisphenol-A	213	9.828	9.828	0.000	98	617495	10.0	12.0	
$ 96 Terphenyl-d14	244	9.916	9.916	0.000	100	1085046	10.0	9.50	
97 Butyl benzyl phthalate	149	10.404	10.404	0.000	98	570634	10.0	10.7	
98 2,3,7,8-TCDD	320	10.486	10.486	0.000	88	2133	0.1000	0.1096	
99 Carbamazepine	193	10.498	10.498	0.000	91	494422	10.0	9.62	
100 3,3'-Dichlorobenzidine	252	10.945	10.945	0.000	99	440674	10.0	9.33	
101 Benzo[a]anthracene	228	10.957	10.957	0.000	98	1173487	10.0	9.14	
* 102 Chrysene-d12	240	10.969	10.969	0.000	99	742900	8.00	8.00	
104 Chrysene	228	10.998	10.998	0.000	98	1170690	10.0	9.52	
103 Bis(2-ethylhexyl) phthalate	149	11.028	11.028	0.000	90	751243	10.0	10.6	
105 Di-n-octyl phthalate	149	11.798	11.798	0.000	97	1191690	10.0	10.8	
106 Benzo[b]fluoranthene	252	12.233	12.233	0.000	98	1133368	10.0	10.6	
107 Benzo[k]fluoranthene	252	12.269	12.269	0.000	99	1206394	10.0	10.7	
108 Benzo[a]pyrene	252	12.657	12.657	0.000	98	1007053	10.0	10.8	
* 109 Perylene-d12	264	12.733	12.733	0.000	99	736326	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.186	14.186	0.000	98	1210445	10.0	9.95	
111 Dibenz(a,h)anthracene	278	14.221	14.221	0.000	98	1175789	10.0	9.91	
112 Benzo[g,h,i]perylene	276	14.557	14.557	0.000	98	1237903	10.0	10.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL7_LVI_00003 Amount Added: 1.00 Units: mL

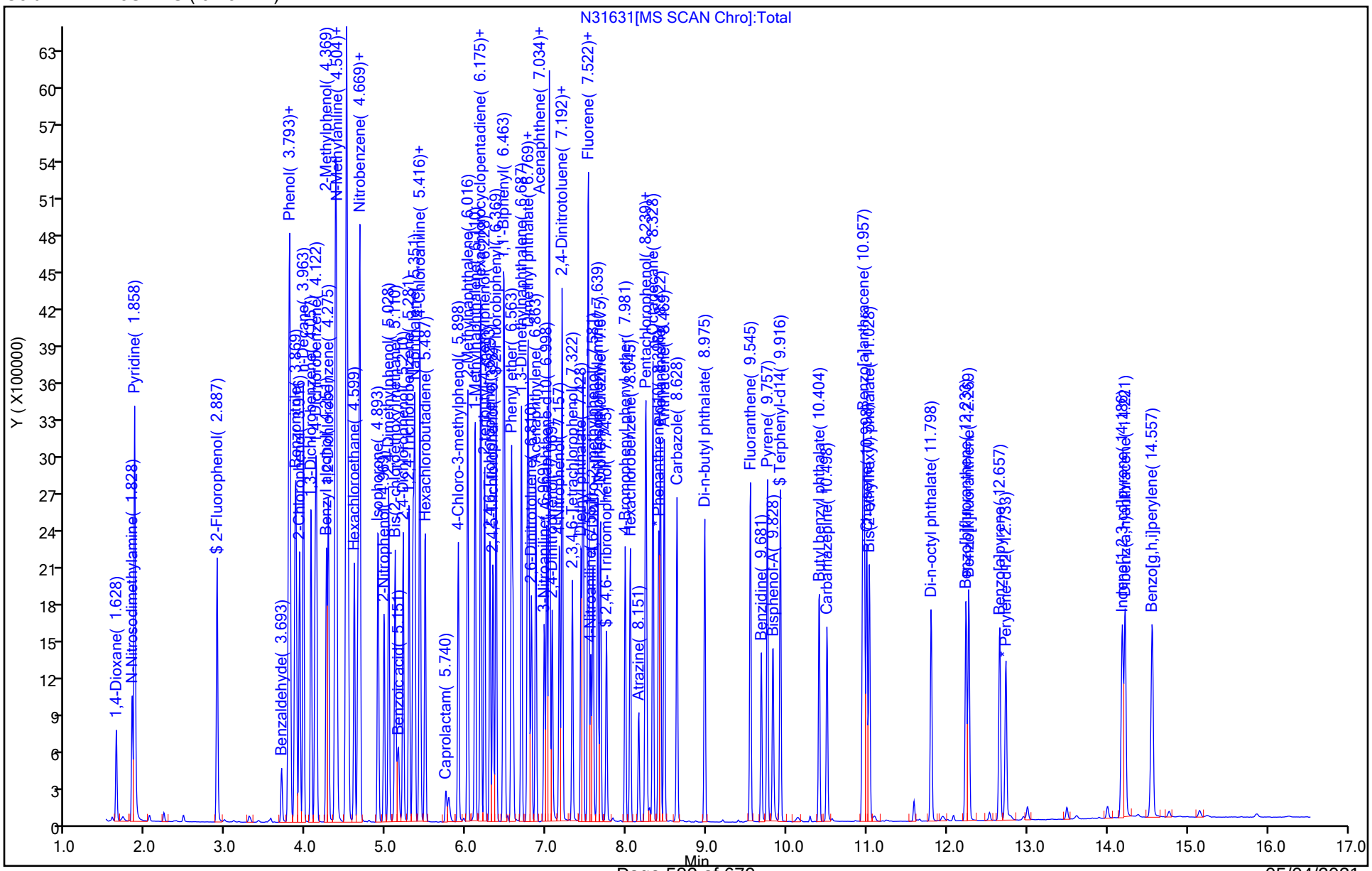
Report Date: 03-May-2021 11:12:45 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31631.d

Injection Date:	01-May-2021 16:41:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

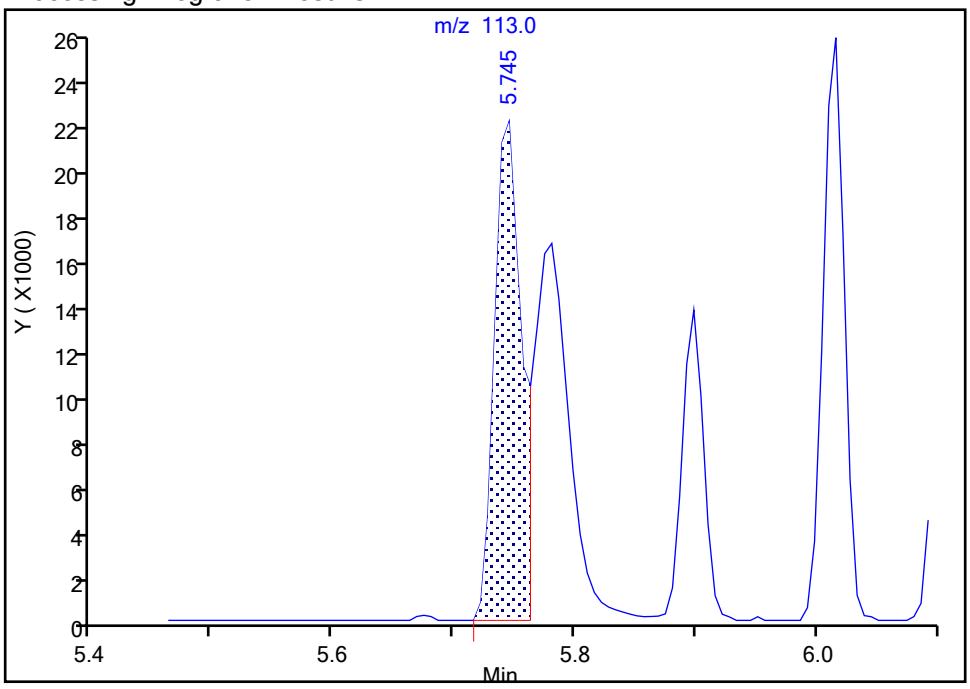
Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31631.d				
Injection Date:	01-May-2021 16:41:30	Instrument ID:	CBNAMS14		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

42 Caprolactam, CAS: 105-60-2

Signal: 1

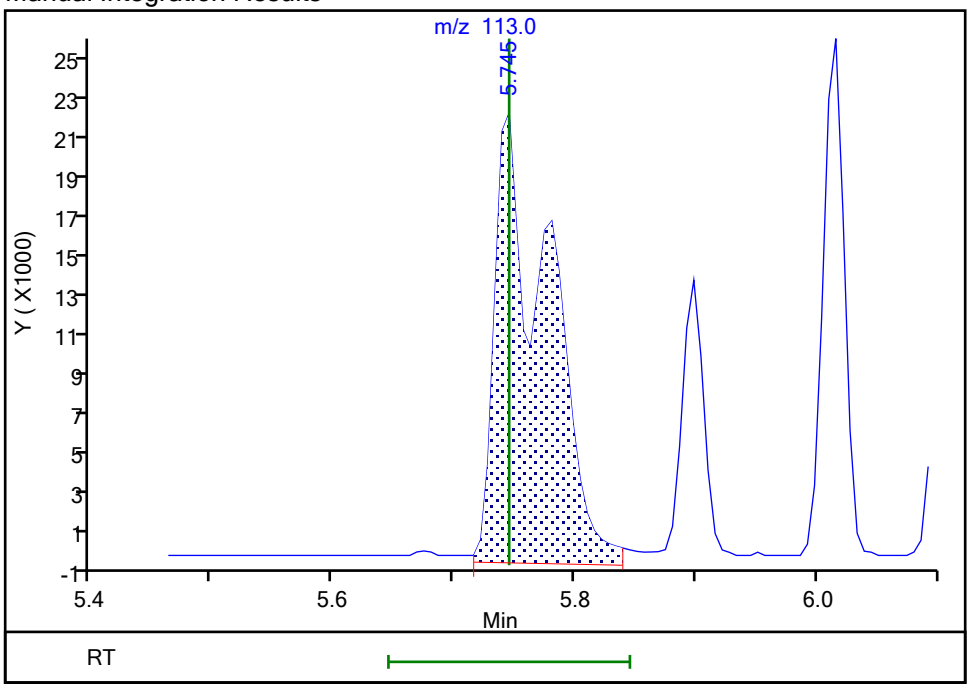
Processing Integration Results

RT: 5.75
Area: 34395
Amount: 3.179235
Amount Units: ug/ml



Manual Integration Results

RT: 5.75
Area: 67355
Amount: 6.225829
Amount Units: ug/ml



Reviewer: hamziy, 01-May-2021 17:01:24

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 26-Feb-2021 08:06:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0124645-001
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 02-Mar-2021 07:27:12 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: johnstonm1 Date: 26-Feb-2021 12:23:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Pentachlorophenol_T	266	4.487	4.487	0.000	93	171818	NR	NR	
56 Benzidine_T	184	5.716	5.716	0.000	99	1084622	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	5.863	5.863	0.000	87	639		NR	
126 4,4'-DDD	235	6.157	6.157	0.000	86	2011		NR	
127 4,4'-DDT	235	6.369	6.369	0.000	98	480982	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

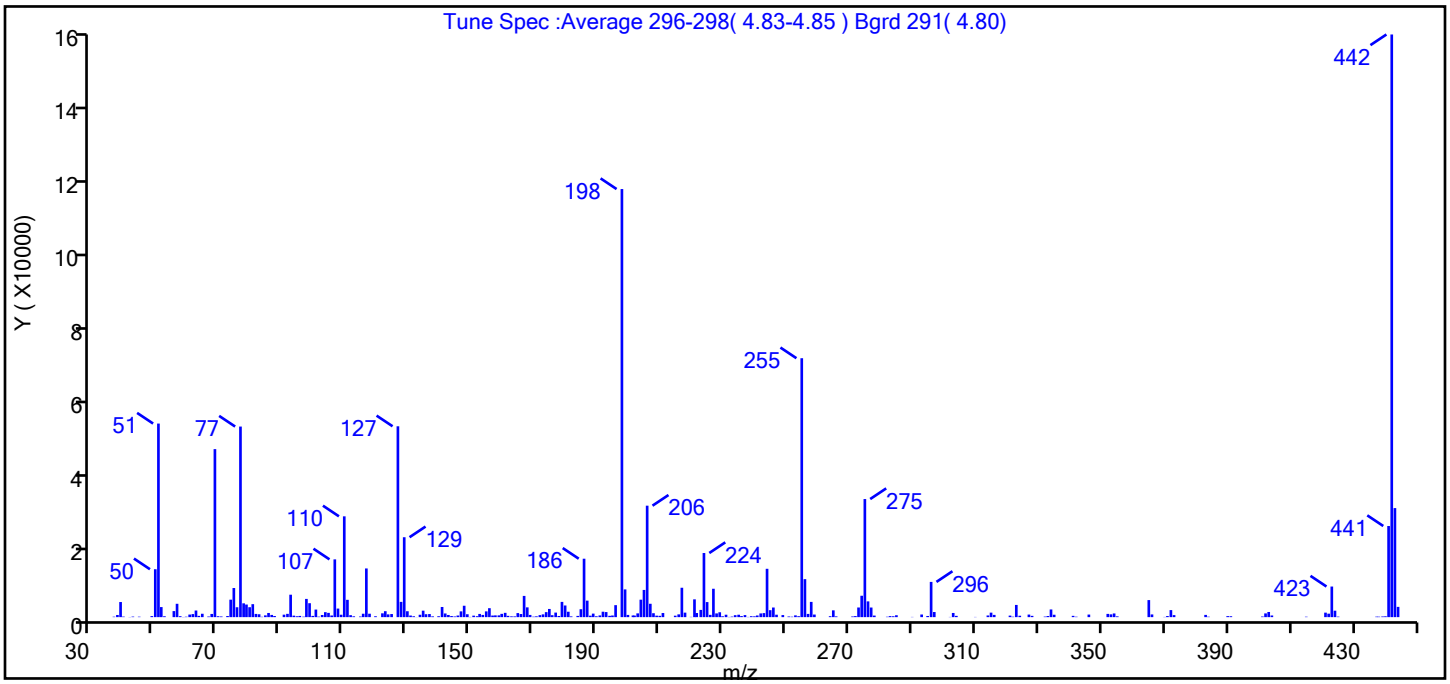
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d
Injection Date: 26-Feb-2021 08:06:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.7 (1.9)
69	Present	39.2
70	<2% of m/z 69	0.2 (0.5)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.5
365	>1% of m/z 198	4.0
441	<150% of m/z 443	21.3 (83.6)
442	Present	136.1
443	15-24% of m/z 442	25.5 (18.7)

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d\8270LVI_14.rslt\spectra.d
Injection Date: 26-Feb-2021 08:06:30
Spectrum: Tune Spec :Average 296-298(4.83-4.85) Bgrd 291(4.80)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 271

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	116	117.00	12755	190.00	224	273.00	2528
38.00	567	118.00	898	191.00	446	274.00	5604
39.00	3958	120.00	233	192.00	1423	275.00	30936
40.00	144	122.00	1003	193.00	1330	276.00	4129
42.00	40	123.00	1556	194.00	347	277.00	2521
43.00	145	124.00	722	195.00	429	278.00	410
45.00	120	125.00	814	196.00	3141	282.00	101
49.00	273	127.00	50000	198.00	112144	283.00	271
50.00	12550	128.00	3998	199.00	7266	284.00	231
51.00	50712	129.00	20936	200.00	583	285.00	498
52.00	2636	130.00	1547	202.00	434	290.00	58
53.00	231	131.00	421	202.00	408	293.00	691
56.00	1587	132.00	227	203.00	989	295.00	304
57.00	3499	133.00	24	204.00	4575	296.00	9233
58.00	249	134.00	624	205.00	7129	297.00	1342
59.00	41	135.00	1697	206.00	29200	302.00	55
60.00	113	136.00	768	207.00	3502	303.00	1093
61.00	676	137.00	812	208.00	1028	304.00	338
62.00	800	138.00	204	209.00	390	310.00	53
63.00	1735	140.00	236	210.00	347	314.00	437
64.00	333	141.00	2660	211.00	1080	315.00	1179
65.00	888	142.00	961	215.00	380	316.00	590
67.00	161	143.00	567	216.00	724	321.00	400
68.00	839	144.00	284	217.00	7702	322.00	115
69.00	44016	145.00	172	218.00	1181	323.00	3198
70.00	240	146.00	423	220.00	68	324.00	368
71.00	175	147.00	1515	221.00	4665	327.00	673
73.00	293	148.00	2986	222.00	1080	328.00	337
74.00	4579	149.00	757	223.00	1896	332.00	144
75.00	7631	150.00	54	224.00	16800	333.00	295
76.00	2590	151.00	393	225.00	3947	334.00	2013
77.00	49928	152.00	244	226.00	598	335.00	629
78.00	3621	153.00	843	227.00	7438	341.00	339

Report Date: 02-Mar-2021 07:27:13 Chrom Revision: 2.3 05-Feb-2021 00:13:28
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d\8270LVI_14.rslt\spectra.d
Injection Date: 26-Feb-2021 08:06:30
Spectrum: Tune Spec :Average 296-298(4.83-4.85) Bgrd 291(4.80)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 271

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	3301	154.00	581	228.00	978	342.00	113
80.00	2604	155.00	1513	229.00	1277	346.00	675
81.00	3400	156.00	2345	230.00	227	352.00	853
82.00	844	157.00	419	231.00	635	353.00	732
83.00	756	158.00	462	232.00	54	354.00	964
84.00	88	159.00	462	233.00	143	355.00	202
85.00	463	160.00	862	234.00	513	365.00	4467
86.00	1093	161.00	1128	235.00	632	366.00	709
87.00	581	162.00	338	236.00	277	370.00	52
88.00	297	163.00	207	237.00	533	371.00	290
91.00	650	164.00	193	238.00	55	372.00	1843
92.00	863	165.00	1063	239.00	246	373.00	530
93.00	5879	166.00	817	240.00	210	383.00	587
94.00	391	167.00	5561	241.00	434	384.00	115
95.00	233	168.00	2561	242.00	975	390.00	268
96.00	319	169.00	581	243.00	1060	391.00	235
97.00	121	170.00	117	244.00	12665	401.00	165
98.00	4775	171.00	209	245.00	1825	402.00	979
99.00	3650	172.00	529	246.00	2523	403.00	1352
100.00	326	173.00	727	247.00	634	404.00	435
101.00	1986	174.00	1311	249.00	542	415.00	113
102.00	128	175.00	2147	251.00	169	421.00	1178
103.00	560	176.00	507	252.00	115	422.00	910
104.00	1301	177.00	1193	253.00	464	423.00	8017
105.00	1120	178.00	306	254.00	247	424.00	1685
106.00	431	179.00	3996	255.00	67832	425.00	137
107.00	15134	180.00	3054	256.00	9955	437.00	131
108.00	2248	181.00	1416	257.00	848	438.00	120
109.00	631	182.00	194	258.00	3994	439.00	175
110.00	26408	184.00	325	259.00	679	440.00	219
111.00	4539	185.00	2075	264.00	245	441.00	23872
112.00	517	186.00	15307	265.00	1781	442.00	152640
113.00	214	187.00	4325	266.00	195	443.00	28568
115.00	164	188.00	385	271.00	179	444.00	2688

Report Date: 02-Mar-2021 07:27:13 Chrom Revision: 2.3 05-Feb-2021 00:13:28
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d\8270LVI_14.rslt\spectra.d
Injection Date: 26-Feb-2021 08:06:30
Spectrum: Tune Spec :Average 296-298(4.83-4.85) Bgrd 291(4.80)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 271

m/z	Y	m/z	Y	m/z	Y	m/z	Y
116.00	894	189.00	926	272.00	273		

Report Date: 02-Mar-2021 07:27:13 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d

Injection Date: 26-Feb-2021 08:06:30 Instrument ID: CBNAMS14 Operator ID:

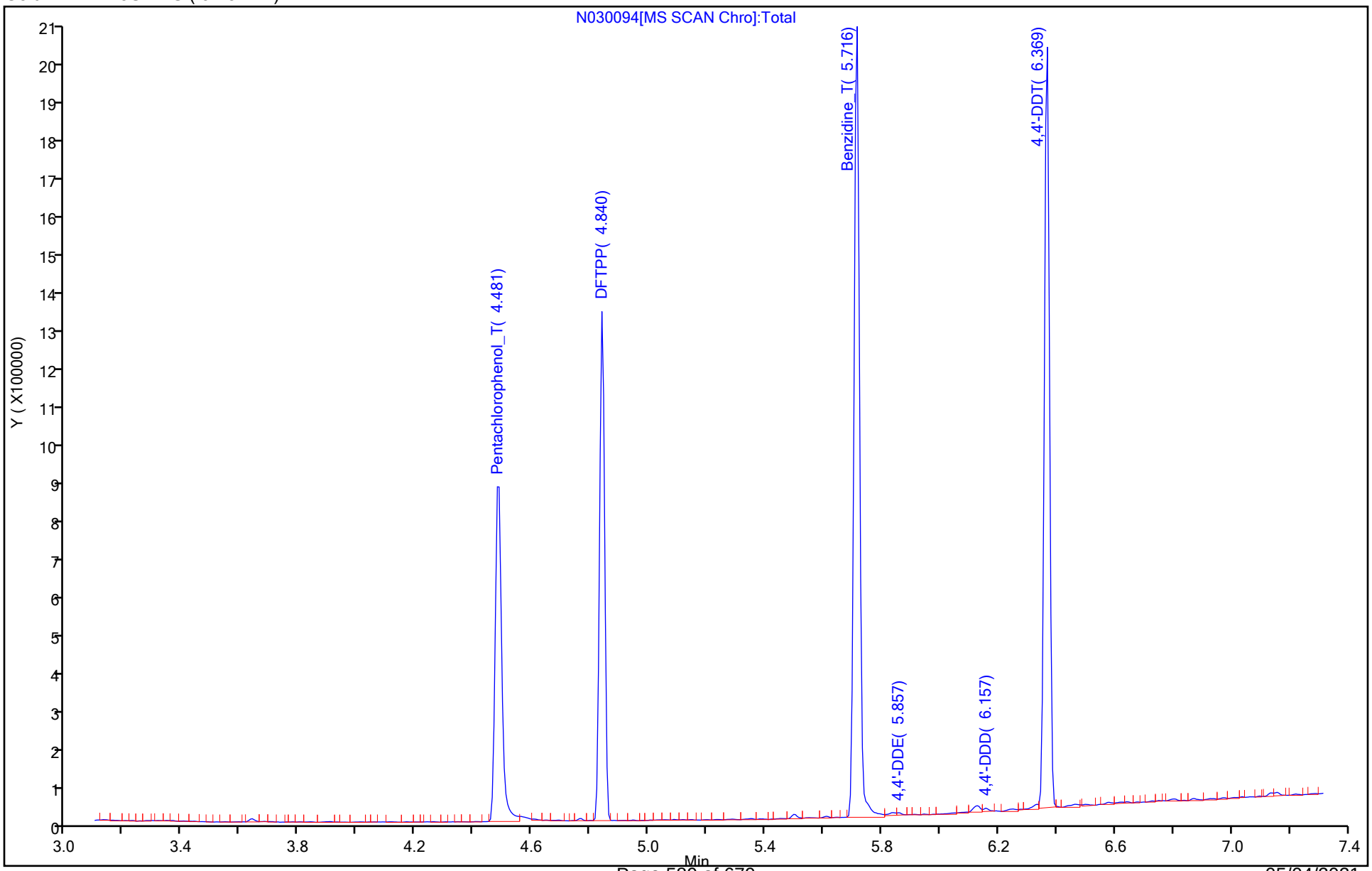
Lims ID: dftpp Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d
Injection Date: 26-Feb-2021 08:06:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

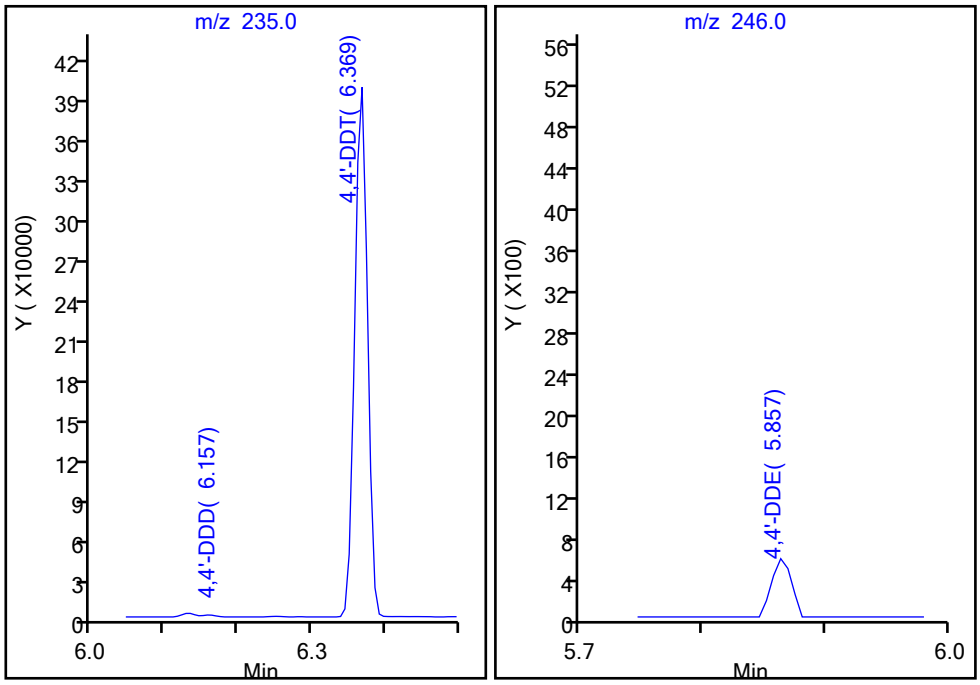
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 480982
126 4,4'-DDD, Area = 2011
125 4,4'-DDE, Area = 639

%Breakdown: 0.55%, <= 20.00%
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

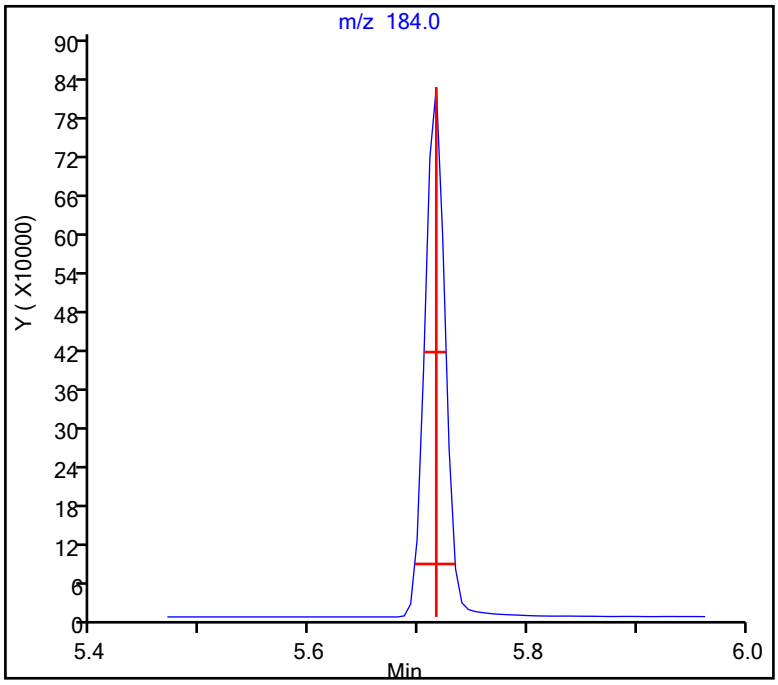
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d
Injection Date: 26-Feb-2021 08:06:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.020 (min.)

Tailing Factor = 0.9, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

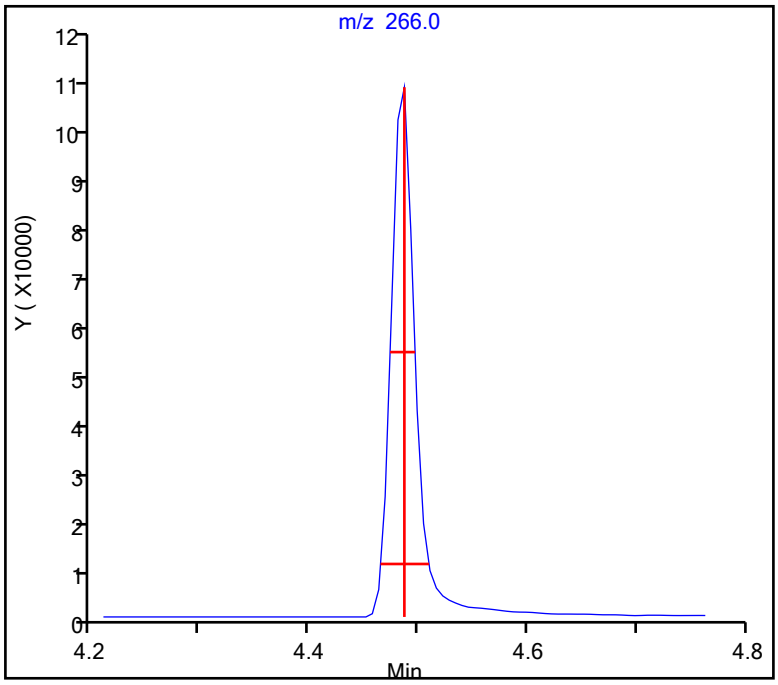
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030094.d
Injection Date: 26-Feb-2021 08:06:30 Instrument ID: CBNAMS14
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

31 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 1.1, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-775169/1-A

Matrix: Water Lab File ID: N31633.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3510C Date Extracted: 05/01/2021 07:09

Sample wt/vol: 250(mL) Date Analyzed: 05/01/2021 17:32

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775252 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	2.0	U	2.0	0.64
95-50-1	1,2-Dichlorobenzene	10	U	10	0.50
541-73-1	1,3-Dichlorobenzene	10	U	10	2.0
106-46-7	1,4-Dichlorobenzene	10	U	10	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.63
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.83
91-58-7	2-Chloronaphthalene	10	U	10	1.2
91-57-6	2-Methylnaphthalene	10	U	10	0.53
88-74-4	2-Nitroaniline	10	U	10	0.47
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.4
99-09-2	3-Nitroaniline	10	U	10	1.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	0.75
106-47-8	4-Chloroaniline	10	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	1.3
100-01-6	4-Nitroaniline	10	U	10	1.2
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80
85-68-7	Butyl benzyl phthalate	10	U	10	0.85
86-74-8	Carbazole	10	U	10	0.68
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
132-64-9	Dibenzofuran	10	U	10	1.1
84-66-2	Diethyl phthalate	10	U	10	0.98
131-11-3	Dimethyl phthalate	10	U	10	0.77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-775169/1-A

Matrix: Water Lab File ID: N31633.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3510C Date Extracted: 05/01/2021 07:09

Sample wt/vol: 250(mL) Date Analyzed: 05/01/2021 17:32

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775252 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	10	U	10	0.84
117-84-0	Di-n-octyl phthalate	10	U	10	0.75
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.40
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	10	U	10	3.6
67-72-1	Hexachloroethane	2.0	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
78-59-1	Isophorone	10	U	10	0.80
91-20-3	Naphthalene	2.0	U	2.0	0.54
98-95-3	Nitrobenzene	1.0	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.89
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	91		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	103		46-137
1718-51-0	Terphenyl-d14 (Surr)	105		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31633.d
Lims ID: MB 460-775169/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-May-2021 17:32:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127934-004
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 03-May-2021 11:12:42 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: khlungprakhons Date: 03-May-2021 11:15:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.881	2.887	-0.006	89	348784	10.0	5.48	
$ 6 Phenol-d5	99	3.769	3.781	-0.012	98	306731	10.0	3.83	
* 14 1,4-Dichlorobenzene-d4	152	4.110	4.110	0.000	98	403268	8.00	8.00	
$ 27 Nitrobenzene-d5	82	4.640	4.646	-0.006	97	835985	10.0	10.3	
* 38 Naphthalene-d8	136	5.328	5.334	-0.006	99	1507752	8.00	8.00	
$ 51 2-Fluorobiphenyl	172	6.369	6.369	0.000	97	1504449	10.0	9.08	
* 64 Acenaphthene-d10	164	6.998	6.998	0.000	97	816410	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	7.745	7.745	0.000	96	272790	10.0	8.88	
58 1-Naphthylamine	143	8.392	8.398	-0.006	42	461		NC	
* 87 Phenanthrene-d10	188	8.398	8.398	0.000	99	1525089	8.00	8.00	
$ 96 Terphenyl-d14	244	9.916	9.916	0.000	98	1710411	10.0	10.5	
* 102 Chrysene-d12	240	10.963	10.969	-0.006	99	1062002	8.00	8.00	
* 109 Perylene-d12	264	12.727	12.733	-0.006	99	899631	8.00	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00192 Amount Added: 20.00 Units: uL Run Reagent

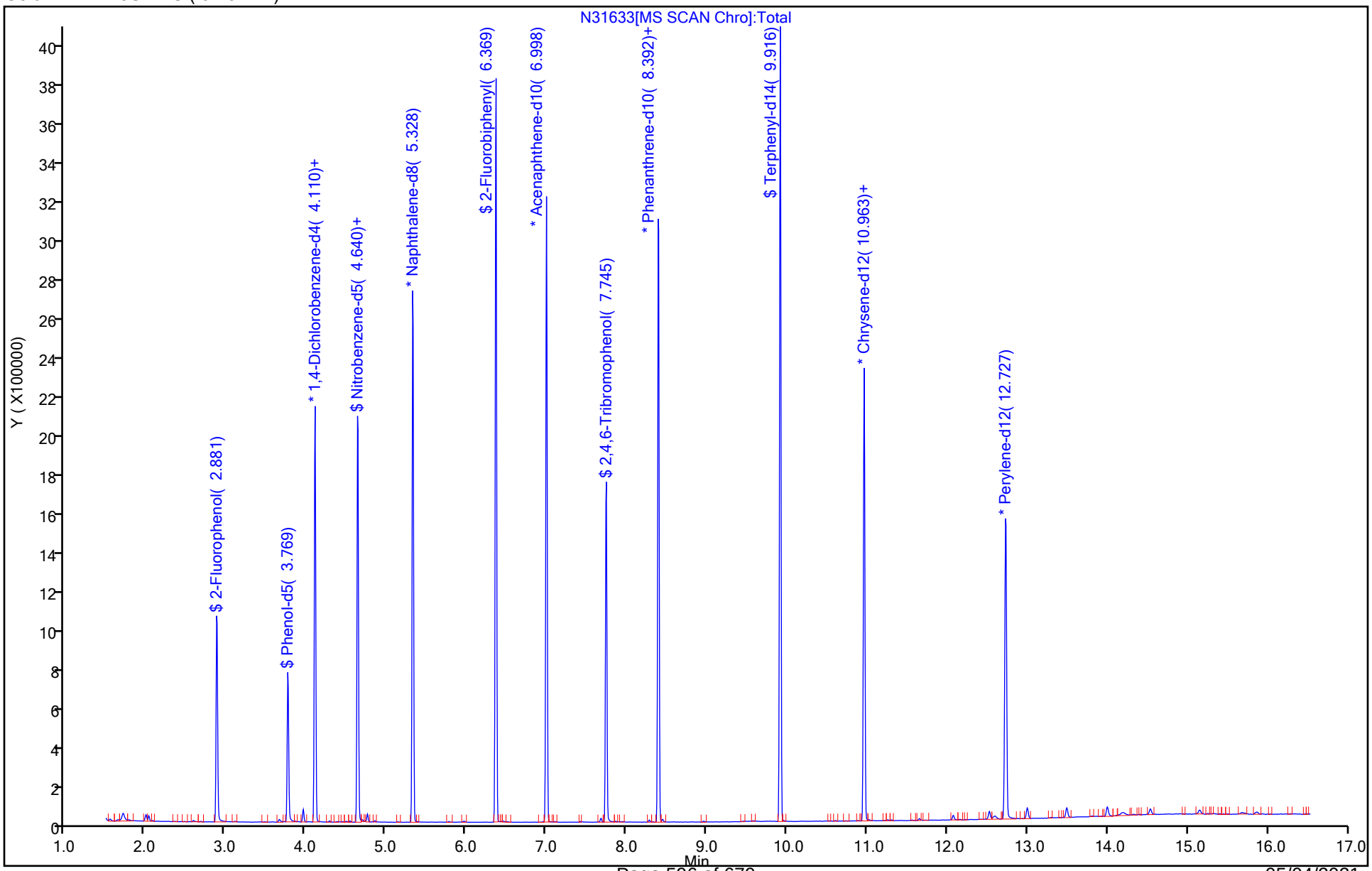
Report Date: 03-May-2021 11:15:11 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31633.d

Injection Date:	01-May-2021 17:32:30	Instrument ID:	CBNAMS14	Operator ID:	
Lims ID:	MB 460-775169/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



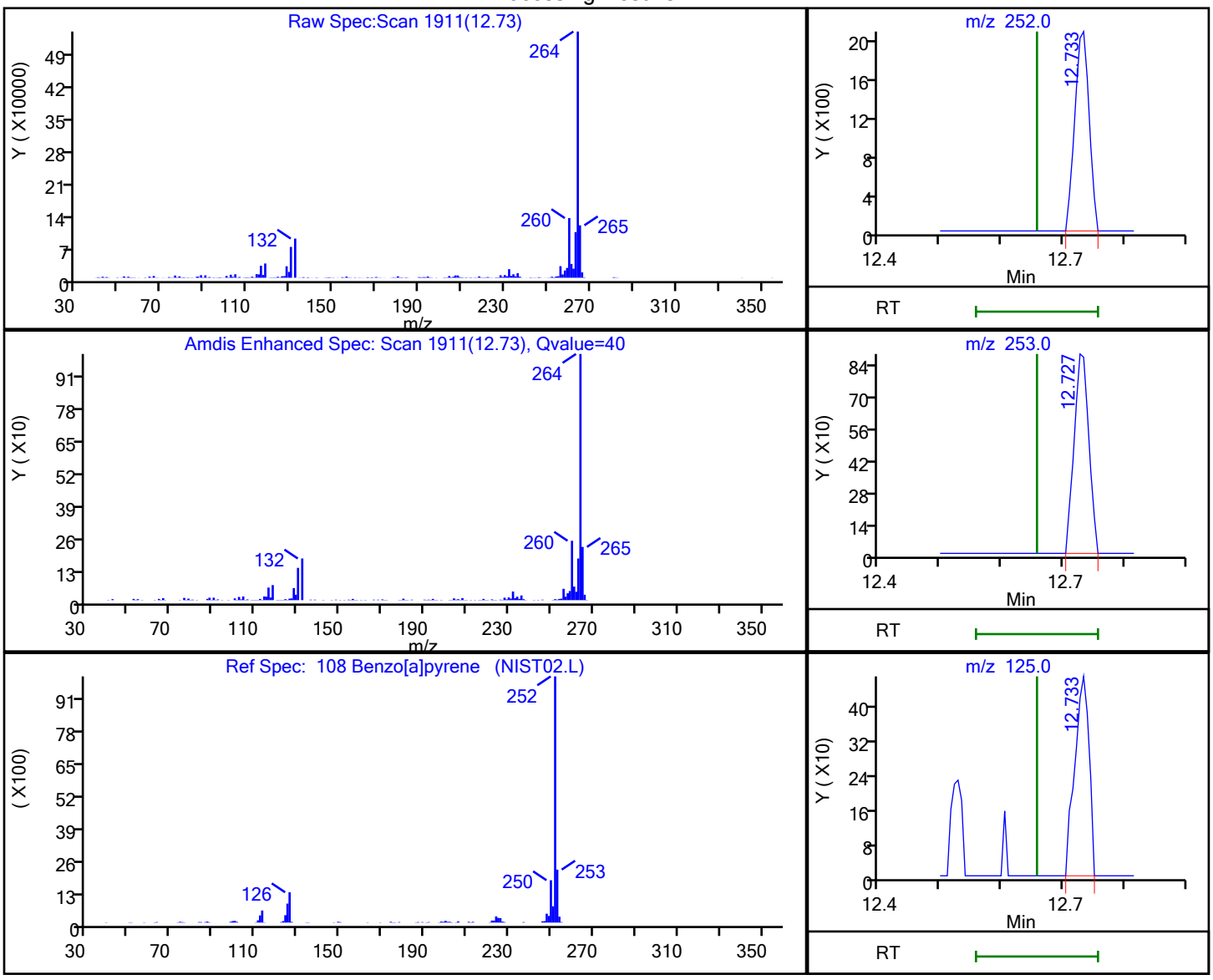
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31633.d				
Injection Date:	01-May-2021 17:32:30	Instrument ID:	CBNAMS14		
Lims ID:	MB 460-775169/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_14	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.73	252.00	3376	0.029728
12.73	253.00	1478	
12.73	125.00	754	

Reviewer: hamziy, 01-May-2021 18:26:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-775169/2-A

Matrix: Water Lab File ID: N31634.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3510C Date Extracted: 05/01/2021 07:09

Sample wt/vol: 250(mL) Date Analyzed: 05/01/2021 17:53

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775252 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	62.0		2.0	0.64
95-50-1	1,2-Dichlorobenzene	65.2		10	0.50
541-73-1	1,3-Dichlorobenzene	63.6		10	2.0
106-46-7	1,4-Dichlorobenzene	62.9		10	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	75.4		10	0.63
121-14-2	2,4-Dinitrotoluene	78.4		2.0	1.0
606-20-2	2,6-Dinitrotoluene	73.9		2.0	0.83
91-58-7	2-Chloronaphthalene	67.1		10	1.2
91-57-6	2-Methylnaphthalene	67.1		10	0.53
88-74-4	2-Nitroaniline	78.0		10	0.47
91-94-1	3,3'-Dichlorobenzidine	67.9		10	1.4
99-09-2	3-Nitroaniline	81.3		10	1.9
101-55-3	4-Bromophenyl phenyl ether	61.2		10	0.75
106-47-8	4-Chloroaniline	70.3		10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	63.9		10	1.3
100-01-6	4-Nitroaniline	83.1		10	1.2
83-32-9	Acenaphthene	65.9		10	1.1
208-96-8	Acenaphthylene	69.3		10	0.82
120-12-7	Anthracene	68.3		10	1.3
56-55-3	Benzo[a]anthracene	66.1		1.0	0.59
50-32-8	Benzo[a]pyrene	85.0		1.0	0.41
205-99-2	Benzo[b]fluoranthene	80.7		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	60.5		10	0.70
207-08-9	Benzo[k]fluoranthene	83.2		1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	70.5		10	0.59
111-44-4	Bis(2-chloroethyl)ether	69.9		1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	85.0		2.0	0.80
85-68-7	Butyl benzyl phthalate	83.7		10	0.85
86-74-8	Carbazole	73.8		10	0.68
218-01-9	Chrysene	70.3		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	61.7		1.0	0.72
132-64-9	Dibenzofuran	67.3		10	1.1
84-66-2	Diethyl phthalate	78.6		10	0.98
131-11-3	Dimethyl phthalate	73.2		10	0.77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-775169/2-A

Matrix: Water Lab File ID: N31634.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3510C Date Extracted: 05/01/2021 07:09

Sample wt/vol: 250(mL) Date Analyzed: 05/01/2021 17:53

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775252 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	82.1		10	0.84
117-84-0	Di-n-octyl phthalate	98.7		10	0.75
206-44-0	Fluoranthene	71.9		10	0.84
86-73-7	Fluorene	67.7		10	0.91
118-74-1	Hexachlorobenzene	60.9		1.0	0.40
87-68-3	Hexachlorobutadiene	58.0		1.0	0.78
77-47-4	Hexachlorocyclopentadiene	54.8		10	3.6
67-72-1	Hexachloroethane	68.9		2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	61.0		2.0	0.94
78-59-1	Isophorone	75.3		10	0.80
91-20-3	Naphthalene	67.9		2.0	0.54
98-95-3	Nitrobenzene	75.5		1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	76.9		1.0	0.43
86-30-6	N-Nitrosodiphenylamine	68.0		10	0.89
85-01-8	Phenanthrene	68.4		10	1.3
129-00-0	Pyrene	70.9		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	82		42-127
4165-60-0	Nitrobenzene-d5 (Surr)	92		46-137
1718-51-0	Terphenyl-d14 (Surr)	97		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31634.d
Lims ID: LCS 460-775169/2-A
Client ID:
Sample Type: LCS
Inject. Date: 01-May-2021 17:53:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0127934-005
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 03-May-2021 11:12:42 Calib Date: 26-Feb-2021 11:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20210226-124645.b\N030103.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: hamziy Date: 01-May-2021 18:27:28

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.622	1.628	-0.006	92	146570	10.0	4.89	
	2 N-Nitrosodimethylamine	74	1.822	1.828	-0.006	72	258811	10.0	5.97	
	3 Pyridine	79	1.852	1.858	-0.006	76	614332	20.0	8.71	
$	4 2-Fluorophenol	112	2.887	2.887	0.000	89	314908	10.0	4.32	
	5 Benzaldehyde	77	3.687	3.693	-0.006	91	425889	5.00	6.47	E
$	6 Phenol-d5	99	3.775	3.781	-0.006	98	276311	10.0	3.01	
	7 Phenol	94	3.787	3.793	-0.006	96	333082	10.0	3.35	
	8 Aniline	93	3.799	3.799	-0.001	99	784475	10.0	6.91	
	9 Bis(2-chloroethyl)ether	93	3.857	3.857	0.000	95	676103	10.0	8.74	
	10 Benzonitrile	103	3.869	3.875	-0.006	98	1249683	NC	NC	
	11 2-Chlorophenol	128	3.916	3.916	0.000	90	531344	10.0	6.99	
	12 n-Decane	43	3.963	3.963	0.000	94	1005955	10.0	8.91	
	13 1,3-Dichlorobenzene	146	4.057	4.057	0.000	92	708452	10.0	7.95	
*	14 1,4-Dichlorobenzene-d4	152	4.110	4.110	0.000	97	461570	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.128	4.128	0.000	93	706878	10.0	7.86	
	16 Benzyl alcohol	108	4.251	4.251	0.000	88	349379	10.0	8.02	
	17 1,2-Dichlorobenzene	146	4.275	4.275	0.000	93	688389	10.0	8.14	
	18 2-Methylphenol	108	4.369	4.369	0.000	85	444708	10.0	6.78	
	19 2,2'-oxybis[1-chloropropane]	45	4.381	4.381	0.000	92	1343684	10.0	9.43	
	20 N-Methylaniline	106	4.493	4.499	-0.006	96	943220	10.0	8.13	
	21 Acetophenone	105	4.504	4.504	0.000	93	965577	10.0	9.00	
	22 N-Nitrosodi-n-propylamine	70	4.510	4.510	0.000	95	546877	10.0	9.61	
	23 3 & 4 Methylphenol	108	4.522	4.522	0.000	77	466856	10.0	6.67	
	24 4-Methylphenol	108	4.522	4.522	0.000	90	466856	10.0	6.67	
	25 Hexachloroethane	117	4.598	4.599	0.000	93	298193	10.0	8.61	
$	27 Nitrobenzene-d5	82	4.646	4.646	0.000	96	835849	10.0	9.20	
	28 Nitrobenzene	123	4.663	4.663	0.000	86	331646	10.0	9.44	
	29 n,n'-Dimethylaniline	120	4.669	4.669	0.000	93	964837	10.0	8.67	
	30 Isophorone	82	4.893	4.898	-0.005	98	1381866	10.0	9.41	
	32 2-Nitrophenol	139	4.969	4.969	0.000	80	260665	10.0	5.99	
	33 2,4-Dimethylphenol	122	5.028	5.028	0.000	87	511303	10.0	7.85	
	34 Bis(2-chloroethoxy)methane	93	5.110	5.110	0.000	95	808794	10.0	8.81	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.098	5.151	-0.053	87	8727	10.0	1.27	
36 2,4-Dichlorophenol	162	5.210	5.210	0.000	92	497953	10.0	7.37	
37 1,2,4-Trichlorobenzene	180	5.281	5.281	0.000	94	621545	10.0	7.76	
* 38 Naphthalene-d8	136	5.334	5.334	0.000	99	1693050	8.00	8.00	
39 Naphthalene	128	5.351	5.351	0.000	98	1854256	10.0	8.48	
40 4-Chloroaniline	127	5.416	5.416	0.000	95	723060	10.0	8.79	
130 2,6-Dichlorophenol	162	5.422	5.422	0.000	94	507344	10.0	7.61	
41 Hexachlorobutadiene	225	5.487	5.487	0.000	95	373401	10.0	7.26	
42 Caprolactam	113	5.740	5.745	-0.005	86	33848	5.00	2.47	
43 4-Chloro-3-methylphenol	107	5.892	5.898	-0.006	96	484837	10.0	7.75	
44 2-Methylnaphthalene	142	6.016	6.016	0.000	83	1272726	10.0	8.39	
45 1-Methylnaphthalene	142	6.110	6.110	0.000	92	1179816	10.0	8.36	
46 Hexachlorocyclopentadiene	237	6.175	6.175	0.000	96	429520	10.0	6.86	
47 1,2,4,5-Tetrachlorobenzene	216	6.181	6.181	0.000	96	637206	10.0	7.77	
48 2-tertbutyl-4-methylphenol	149	6.228	6.228	0.000	88	798226	10.0	8.30	
49 2,4,6-Trichlorophenol	196	6.292	6.293	-0.001	88	402330	10.0	8.14	
50 2,4,5-Trichlorophenol	196	6.328	6.334	-0.006	95	422833	10.0	7.91	
$ 51 2-Fluorobiphenyl	172	6.369	6.369	0.000	97	1455884	10.0	8.23	
52 1,1'-Biphenyl	154	6.463	6.463	0.000	97	1501503	10.0	8.49	
53 2-Chloronaphthalene	162	6.475	6.475	0.000	96	1158852	10.0	8.38	
54 Phenyl ether	170	6.563	6.563	0.000	91	777284	10.0	8.09	
55 2-Nitroaniline	65	6.581	6.581	0.000	93	520721	10.0	9.75	
57 1,3-Dimethylnaphthalene	156	6.687	6.687	0.000	91	956272	10.0	8.81	
59 Dimethyl phthalate	163	6.763	6.763	0.000	98	1348783	10.0	9.16	
60 Coumarin	146	6.769	6.769	0.000	77	421996	10.0	10.2	
61 2,6-Dinitrotoluene	165	6.816	6.810	0.006	91	304287	10.0	9.23	
62 Acenaphthylene	152	6.869	6.863	0.006	97	1773212	10.0	8.66	
63 3-Nitroaniline	138	6.969	6.969	0.000	90	303510	10.0	10.2	
* 64 Acenaphthene-d10	164	7.004	6.998	0.006	95	871463	8.00	8.00	
66 Acenaphthene	154	7.034	7.034	0.000	96	1051004	10.0	8.24	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.034	7.040	-0.006	98	1032469	10.0	7.38	
67 2,4-Dinitrophenol	184	7.069	7.069	0.000	90	34026	20.0	2.59	
68 4-Nitrophenol	65	7.157	7.157	0.000	94	120622	20.0	4.54	
69 2,4-Dinitrotoluene	165	7.192	7.192	0.000	85	405247	10.0	9.79	
70 Dibenzofuran	168	7.198	7.198	0.000	95	1602655	10.0	8.41	
72 2,3,4,6-Tetrachlorophenol	232	7.322	7.322	0.000	92	319902	10.0	7.52	
73 Diethyl phthalate	149	7.428	7.428	0.000	97	1381183	10.0	9.83	
75 Fluorene	166	7.516	7.516	0.000	95	1277928	10.0	8.46	
74 4-Chlorophenyl phenyl ether	204	7.522	7.522	0.000	85	621648	10.0	7.99	
76 4-Nitroaniline	138	7.551	7.551	0.000	94	287748	10.0	10.4	
77 4,6-Dinitro-2-methylphenol	198	7.581	7.581	0.000	81	90128	20.0	3.65	
78 N-Nitrosodiphenylamine	169	7.639	7.639	0.000	98	941045	10.0	8.51	
79 1,2-Diphenylhydrazine	77	7.675	7.675	0.000	99	1449892	10.0	8.85	
$ 80 2,4,6-Tribromophenol	330	7.751	7.745	0.006	96	272265	10.0	8.31	
81 4-Bromophenyl phenyl ether	248	7.981	7.981	0.000	86	400870	10.0	7.65	
82 Hexachlorobenzene	284	8.045	8.045	0.000	98	470350	10.0	7.61	
83 Atrazine	200	8.151	8.151	0.000	91	276153	5.00	7.62	E
84 Pentachlorophenol	266	8.234	8.234	0.000	93	311185	20.0	9.87	
85 Pentachloronitrobenzene	237	8.245	8.245	0.000	87	189711	10.0	7.94	
86 n-Octadecane	57	8.328	8.328	0.000	94	1195945	10.0	9.14	
* 87 Phenanthrene-d10	188	8.398	8.398	0.000	99	1519115	8.00	8.00	
88 Phenanthrene	178	8.422	8.422	0.000	98	1819770	10.0	8.55	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.469	8.469	0.000	98	1844789	10.0	8.53	
90 Carbazole	167	8.628	8.628	0.000	96	1665212	10.0	9.23	
91 Di-n-butyl phthalate	149	8.975	8.975	0.000	99	2103056	10.0	10.3	
92 Fluoranthene	202	9.545	9.545	0.000	98	1880987	10.0	8.99	
93 Benzidine	184	9.680	9.681	-0.001	99	800472	10.0	10.3	
94 Pyrene	202	9.757	9.757	0.000	97	1919399	10.0	8.87	
95 Bisphenol-A	213	9.822	9.828	-0.006	98	275027	5.00	3.70	
$ 96 Terphenyl-d14	244	9.916	9.916	0.000	98	1608998	10.0	9.72	
97 Butyl benzyl phthalate	149	10.404	10.404	0.000	98	807404	10.0	10.5	
99 Carbamazepine	193	10.498	10.498	0.000	91	623726	10.0	8.37	
100 3,3'-Dichlorobenzidine	252	10.945	10.945	0.000	99	581401	10.0	8.49	
101 Benzo[a]anthracene	228	10.957	10.957	0.000	98	1539113	10.0	8.27	
* 102 Chrysene-d12	240	10.969	10.969	0.000	99	1077143	8.00	8.00	
104 Chrysene	228	10.998	10.998	0.000	98	1565627	10.0	8.78	
103 Bis(2-ethylhexyl) phthalate	149	11.027	11.028	-0.001	89	1089123	10.0	10.6	
105 Di-n-octyl phthalate	149	11.798	11.798	0.000	97	1726944	10.0	12.3	
106 Benzo[b]fluoranthene	252	12.233	12.233	0.000	98	1362042	10.0	10.1	
107 Benzo[k]fluoranthene	252	12.269	12.269	0.000	99	1482741	10.0	10.4	
108 Benzo[a]pyrene	252	12.657	12.657	0.000	98	1247872	10.0	10.6	
* 109 Perylene-d12	264	12.733	12.733	0.000	99	930558	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.186	14.186	0.000	98	1172740	10.0	7.62	
111 Dibenz(a,h)anthracene	278	14.221	14.221	0.000	96	1157118	10.0	7.72	
112 Benzo[g,h,i]perylene	276	14.557	14.557	0.000	98	1173917	10.0	7.56	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SM_ISTD_LVI_00192 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 03-May-2021 11:15:54 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20210501-127935.b\N31634.d

Injection Date: 01-May-2021 17:53:30 Instrument ID: CBNAMS14 Operator ID:

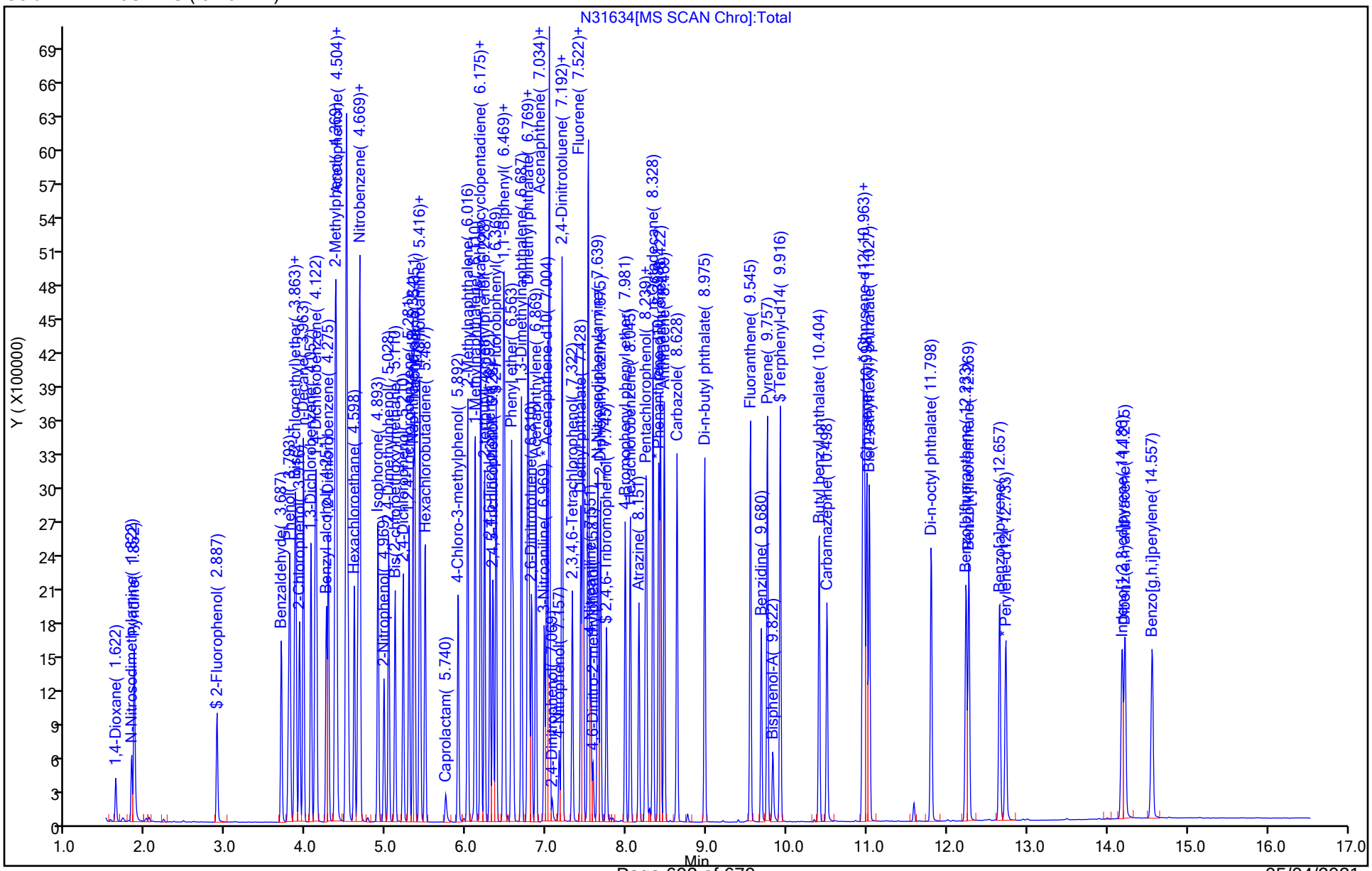
Lims ID: LCS 460-775169/2-A Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Instrument ID: CBNAMS14 Start Date: 02/26/2021 08:06

Analysis Batch Number: 761139 End Date: 02/26/2021 11:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-761139/1		02/26/2021 08:06	1	N030094.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-761139/2		02/26/2021 08:22	1	N030095.d	Rtxi-5Sil MS 0.25(mm)
STD24 460-761139/3 IC		02/26/2021 08:43	1	N030096.d	Rtxi-5Sil MS 0.25(mm)
STD16 460-761139/4 IC		02/26/2021 09:04	1	N030097.d	Rtxi-5Sil MS 0.25(mm)
STD4 460-761139/5 IC		02/26/2021 09:25	1	N030098.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-761139/6 IC		02/26/2021 09:46	1	N030099.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-761139/7 IC		02/26/2021 10:07	1	N030100.d	Rtxi-5Sil MS 0.25(mm)
STD04 460-761139/8 IC		02/26/2021 10:28	1	N030101.d	Rtxi-5Sil MS 0.25(mm)
STD02 460-761139/9 IC		02/26/2021 10:49	1	N030102.d	Rtxi-5Sil MS 0.25(mm)
STD01 460-761139/10 IC		02/26/2021 11:10	1	N030103.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-761139/11		02/26/2021 11:32	1	N030104.d	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Instrument ID: CBNAMS14 Start Date: 05/01/2021 16:41

Analysis Batch Number: 775252 End Date: 05/02/2021 02:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-775252/2		05/01/2021 16:41	1	N31631.d	Rtxi-5Sil MS 0.25(mm)
MB 460-775169/1-A		05/01/2021 17:32	1	N31633.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-775169/2-A		05/01/2021 17:53	1	N31634.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 18:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 18:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 19:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 19:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 20:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 20:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 21:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 21:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 21:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 22:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 22:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 22:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 23:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 23:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/01/2021 23:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/02/2021 00:15	1		Rtxi-5Sil MS 0.25(mm)
460-233152-2	TW-04_20210428	05/02/2021 00:36	1	N31653.d	Rtxi-5Sil MS 0.25(mm)
460-233152-1	TW-03_20210428	05/02/2021 00:57	1	N31654.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/02/2021 01:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/02/2021 01:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/02/2021 02:01	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Batch Number: 775169 Batch Start Date: 05/01/21 07:09 Batch Analyst: Dekkar, Djedjiga X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00012
MB 460-775169/1		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-775169/2		3510C, 8270E		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
460-233152-F-1	TW-03_20210428	3510C, 8270E	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
460-233152-G-2	TW-04_20210428	3510C, 8270E	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00038	OP_BNASurroga 00020				
MB 460-775169/1		3510C, 8270E			200 uL				
LCS 460-775169/2		3510C, 8270E		200 uL	200 uL				
460-233152-F-1	TW-03_20210428	3510C, 8270E	T		200 uL				
460-233152-G-2	TW-04_20210428	3510C, 8270E	T		200 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Batch Number: 775169 Batch Start Date: 05/01/21 07:09 Batch Analyst: Dekkar, Djedjiga X

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid Used for pH Adjustment ID	257458
Base Used to Adjust pH ID	OP2997
Batch Comment	BNA 8270 Water
Analyst ID - Concentration	dD
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	dD
Method/Fraction	3510C LVI / 8270
Na2SO4 ID	204081
pH Indicator ID	HC-022887
Prep Solvent ID	Methylene Chloride: 267133
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	dD
Analyst ID - Spike Witness Analyst	OG
Sufficient Volume for Batch QC	Yes
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	20046103

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E_SIM_MS_ID

Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DXE #
TW-03_20210428	460-233152-1	60
TW-04_20210428	460-233152-2	54
	MB 460-775407/1-A	60

	QC LIMITS
DXE = 1,4-Dioxane-d8	10-150

Column to be used to flag recovery values

FORM II 8270E SIM ID

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DXE #
	LCS 460-775407/2-A	55
	LCSD 460-775407/3-A	62

	QC LIMITS
DXE = 1,4-Dioxane-d8	10-200

Column to be used to flag recovery values

FORM II 8270E SIM ID

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Matrix: Water Level: Low Lab File ID: h265213.d

Lab ID: LCS 460-775407/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dioxane	1.60	1.24	78	10-200	
1,4-Dioxane-d8	32.0	17.6	55	10-200	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM ID

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Matrix: Water Level: Low Lab File ID: h265214.d

Lab ID: LCSD 460-775407/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,4-Dioxane	1.60	1.34	84	8	50	10-200	
1,4-Dioxane-d8	32.0	19.8	62			10-200	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM ID

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab File ID: h265212.d Lab Sample ID: MB 460-775407/1-A

Matrix: Water Date Extracted: 05/03/2021 08:02

Instrument ID: CBNAMS9 Date Analyzed: 05/03/2021 18:30

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-775407/2-A	h265213.d	05/03/2021 18:46
	LCSD 460-775407/3-A	h265214.d	05/03/2021 19:02
TW-03_20210428	460-233152-1	h265250.d	05/04/2021 04:39
TW-04_20210428	460-233152-2	h265251.d	05/04/2021 04:55

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab File ID: h260954.d DFTPP Injection Date: 11/03/2020

Instrument ID: CBNAMS9 DFTPP Injection Time: 08:50

Analysis Batch No.: 736984

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2.0 % of mass 69	0.0	(0.0) 1
69	Mass 69 relative abundance	38.9	
70	Less than 2.0 % of mass 69	0.3	(0.7) 1
197	Less than 1.0 % of mass 198	0.5	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
365	Greater than 1.0 % of mass 198	2.9	
441	Present but less than mass 443	12.3	(80.4) 3
442	Greater than 40.0 % of mass 198	76.5	
443	17.0 - 23.0 % of mass 442	15.3	(20.1) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-736984/2	h260955.d	11/03/2020	9:01
	STD9 460-736984/3	h260956.d	11/03/2020	9:17
	STD8 460-736984/4	h260957.d	11/03/2020	9:33
	STD7 460-736984/5	h260958.d	11/03/2020	9:49
	STD6 460-736984/6	h260959.d	11/03/2020	10:05
	STD4 460-736984/7	h260960.d	11/03/2020	10:21
	STD3 460-736984/8	h260961.d	11/03/2020	10:37
	STD2 460-736984/9	h260962.d	11/03/2020	10:53
	STD1 460-736984/10	h260963.d	11/03/2020	11:09
	ICV 460-736984/11	h260964.d	11/03/2020	11:25

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Sample No.: ICIS 460-736984/2 Date Analyzed: 11/03/2020 09:01

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): h260955.d Heated Purge: (Y/N) N

Calibration ID: 82658

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		15716	5.71				
UPPER LIMIT		31432	6.21				
LOWER LIMIT		7858	5.21				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-736984/11		17646	5.71				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E SIM ID

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Sample No.: CCVIS 460-775515/2 Date Analyzed: 05/03/2021 17:26

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): h265208.d Heated Purge: (Y/N) N

Calibration ID: 82658

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		21542	5.44				
UPPER LIMIT		43084	5.94				
LOWER LIMIT		10771	4.94				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-775407/1-A		20925	5.44				
LCS 460-775407/2-A		24361	5.44				
LCSD 460-775407/3-A		22613	5.44				
460-233152-1	TW-03_20210428	25898	5.44				
460-233152-2	TW-04_20210428	23327	5.43				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E SIM ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: TW-03_20210428 Lab Sample ID: 460-233152-1

Matrix: Water Lab File ID: h265250.d

Analysis Method: 8270E SIM ID Date Collected: 04/28/2021 12:30

Extract. Method: 3510C Date Extracted: 05/03/2021 08:02

Sample wt/vol: 250(mL) Date Analyzed: 05/04/2021 04:39

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775515 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	60		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265250.d
Lims ID: 460-233152-D-1-A
Client ID: TW-03_20210428
Sample Type: Client
Inject. Date: 04-May-2021 04:39:30 ALS Bottle#: 44 Worklist Smp#: 44
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0128001-044
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 04-May-2021 16:13:23 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: maheseep Date: 04-May-2021 16:13:23

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	%Rec	Flags
D	1 1,4-Dioxane-d8	96	1.795	1.786	0.007	6	54950	2.38	59.5	
*	4 1,4-Dichlorobenzene-d4	150	5.436	5.436	0.000	1	25898	0.2000		

QC Flag Legend
Processing Flags

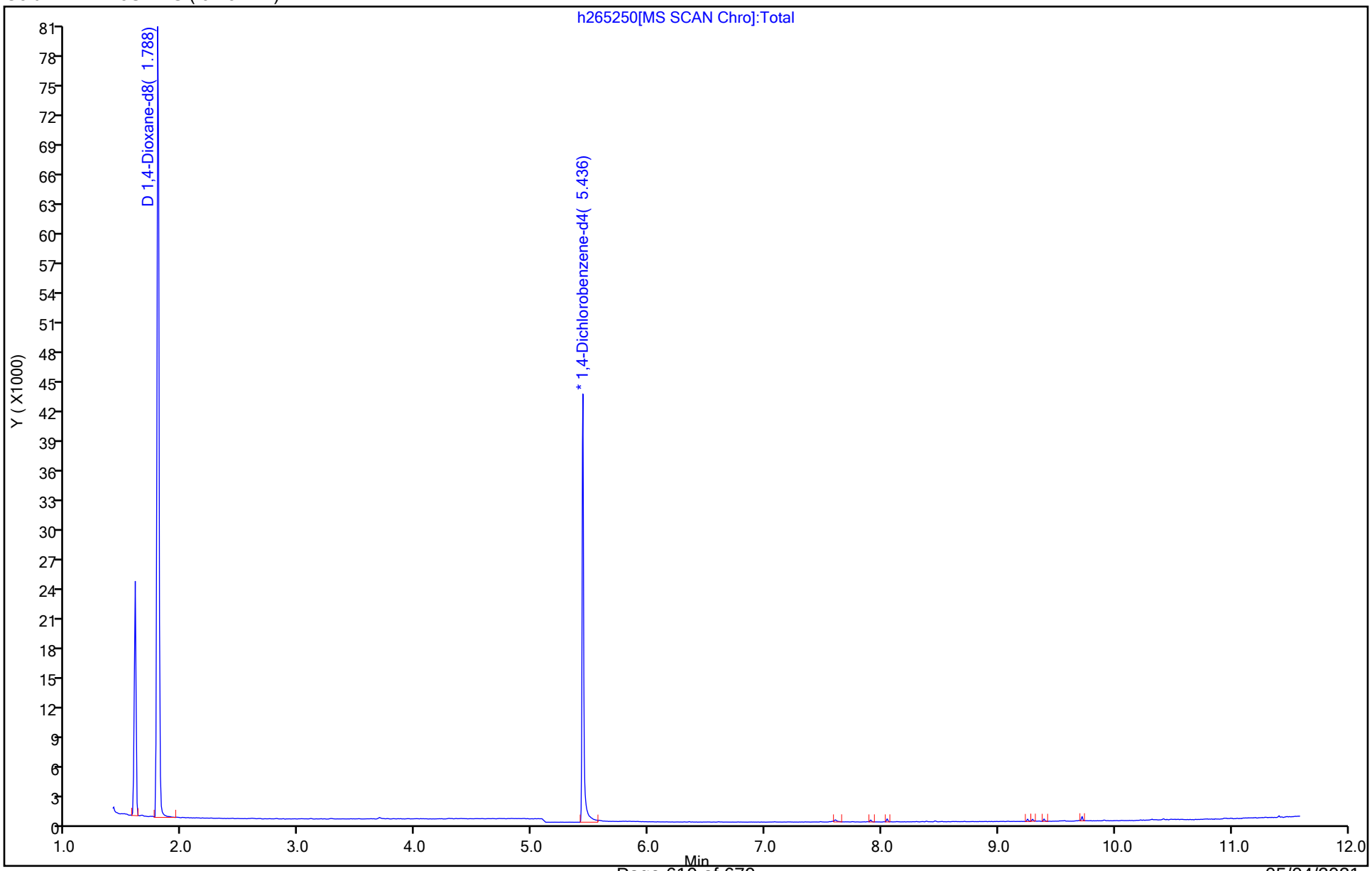
Reagents:
SM_iso_d4istd_00008 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-May-2021 16:13:23 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265250.d				
Injection Date:	04-May-2021 04:39:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	460-233152-D-1-A	Lab Sample ID:	460-233152-1	Worklist Smp#:	44
Client ID:	TW-03_20210428				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	44
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

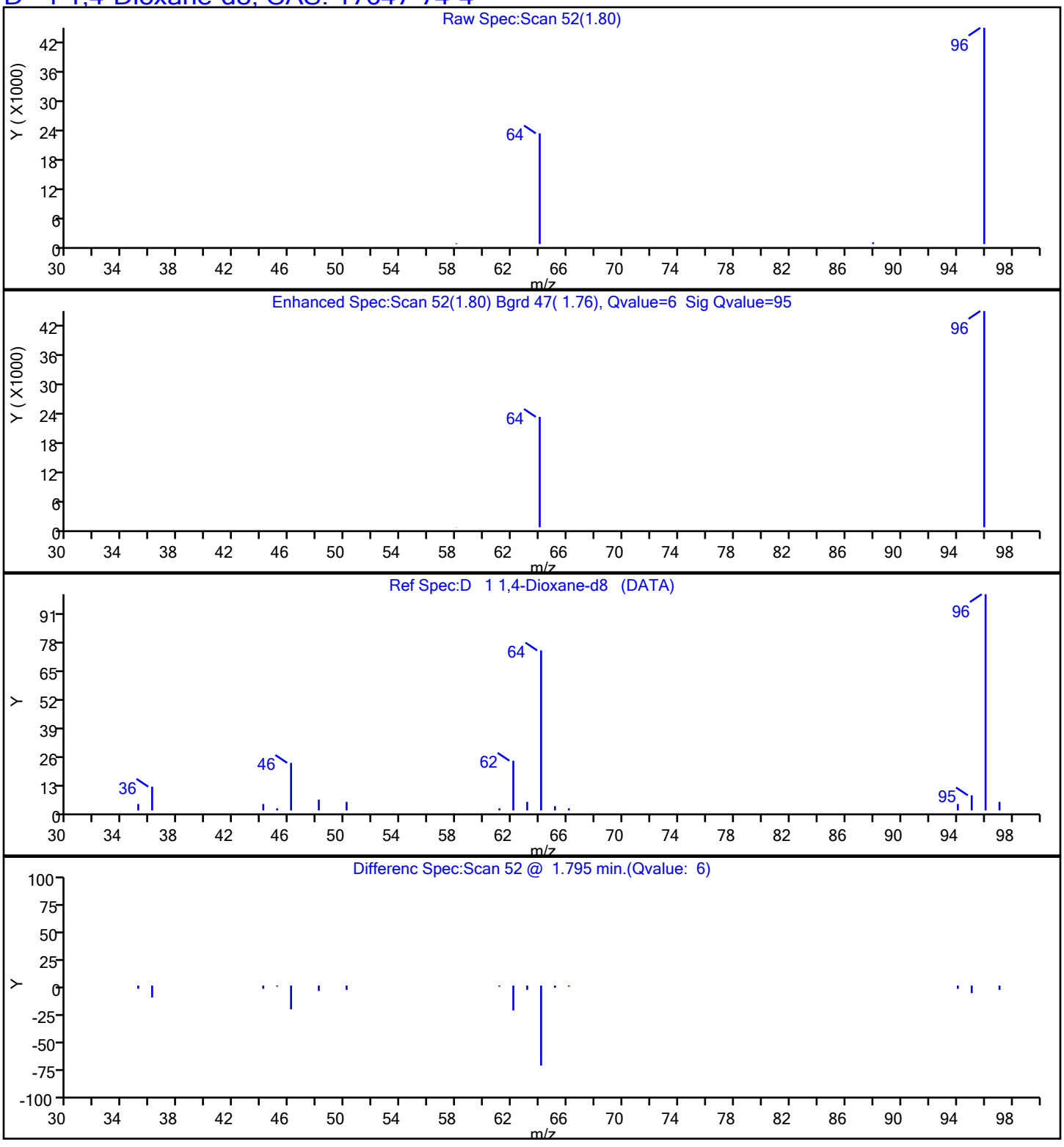
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265250.d				
Injection Date:	04-May-2021 04:39:30	Instrument ID:	CBNAMS9		
Lims ID:	460-233152-D-1-A	Lab Sample ID:	460-233152-1		
Client ID:	TW-03_20210428				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	44
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

D 1 1,4-Dioxane-d8, CAS: 17647-74-4



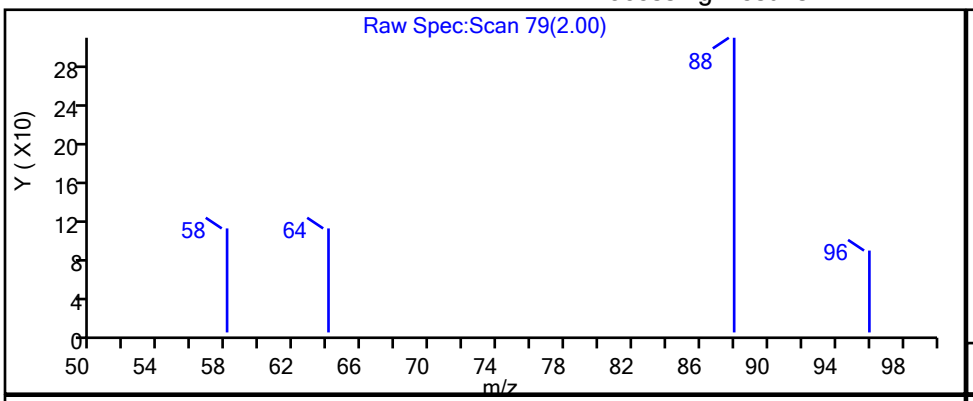
User Disabled Compound Report

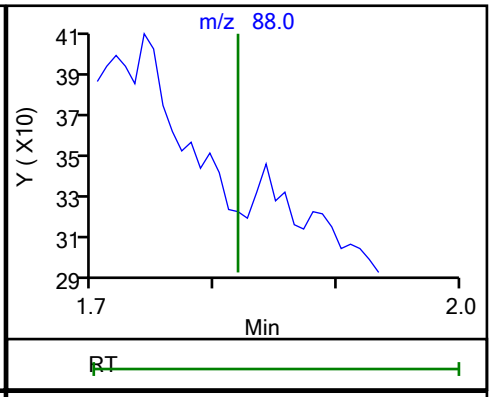
Eurofins TestAmerica, Edison

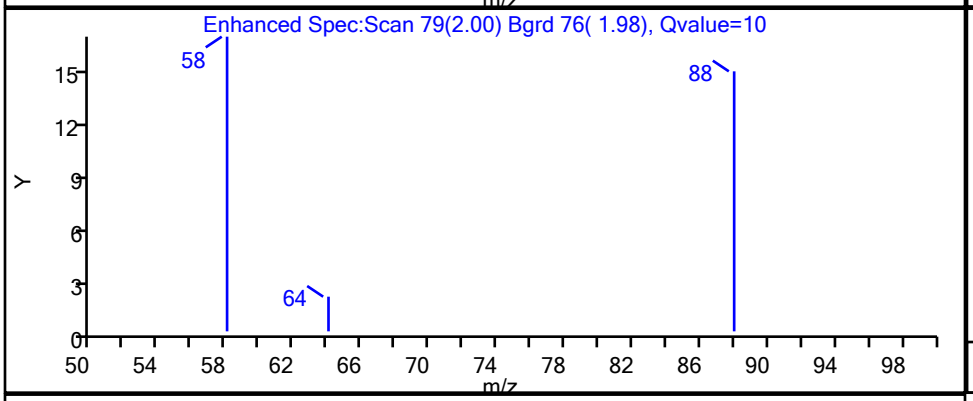
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265250.d				
Injection Date:	04-May-2021 04:39:30	Instrument ID:	CBNAMS9		
Lims ID:	460-233152-D-1-A	Lab Sample ID:	460-233152-1		
Client ID:	TW-03_20210428				
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	44
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

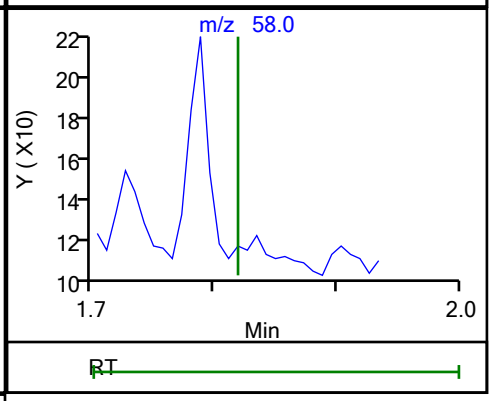
2 1,4-Dioxane, CAS: 123-91-1

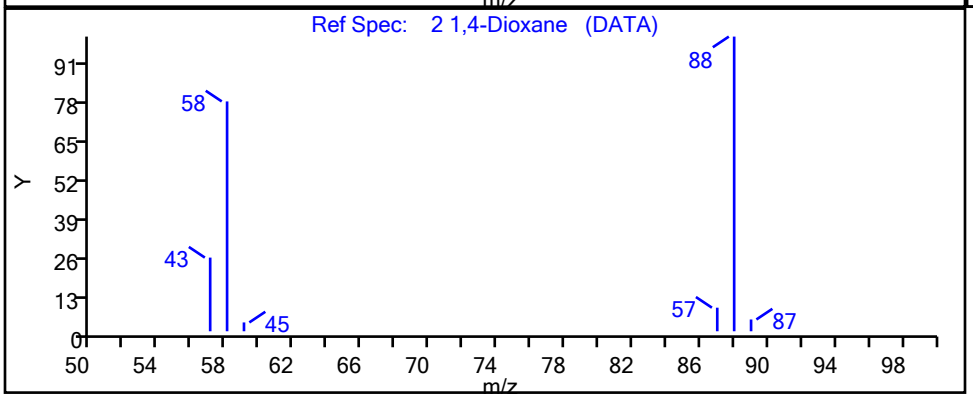
Processing Results











RT	Mass	Response	Amount
2.00	88.00	66	0.003805
2.00	58.00	21	

Reviewer: maheseep, 04-May-2021 16:13:17

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: TW-04_20210428 Lab Sample ID: 460-233152-2

Matrix: Water Lab File ID: h265251.d

Analysis Method: 8270E SIM ID Date Collected: 04/28/2021 11:38

Extract. Method: 3510C Date Extracted: 05/03/2021 08:02

Sample wt/vol: 250(mL) Date Analyzed: 05/04/2021 04:55

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775515 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.12	J	0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	54		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265251.d
Lims ID: 460-233152-F-2-A
Client ID: TW-04_20210428
Sample Type: Client
Inject. Date: 04-May-2021 04:55:30 ALS Bottle#: 45 Worklist Smp#: 45
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0128001-045
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 04-May-2021 16:15:36 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: maheseep Date: 04-May-2021 16:16:05

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	%Rec	Flags
D	1 1,4-Dioxane-d8	96	1.796	1.786	0.008	6	44935	2.16	54.1	
	2 1,4-Dioxane	88	1.826	1.826	0.007	7	204	0.0144		
*	4 1,4-Dichlorobenzene-d4	150	5.432	5.436	-0.004	1	23327	0.2000		

QC Flag Legend
Processing Flags

Reagents:
SM_iso_d4istd_00008 Amount Added: 20.00 Units: uL Run Reagent

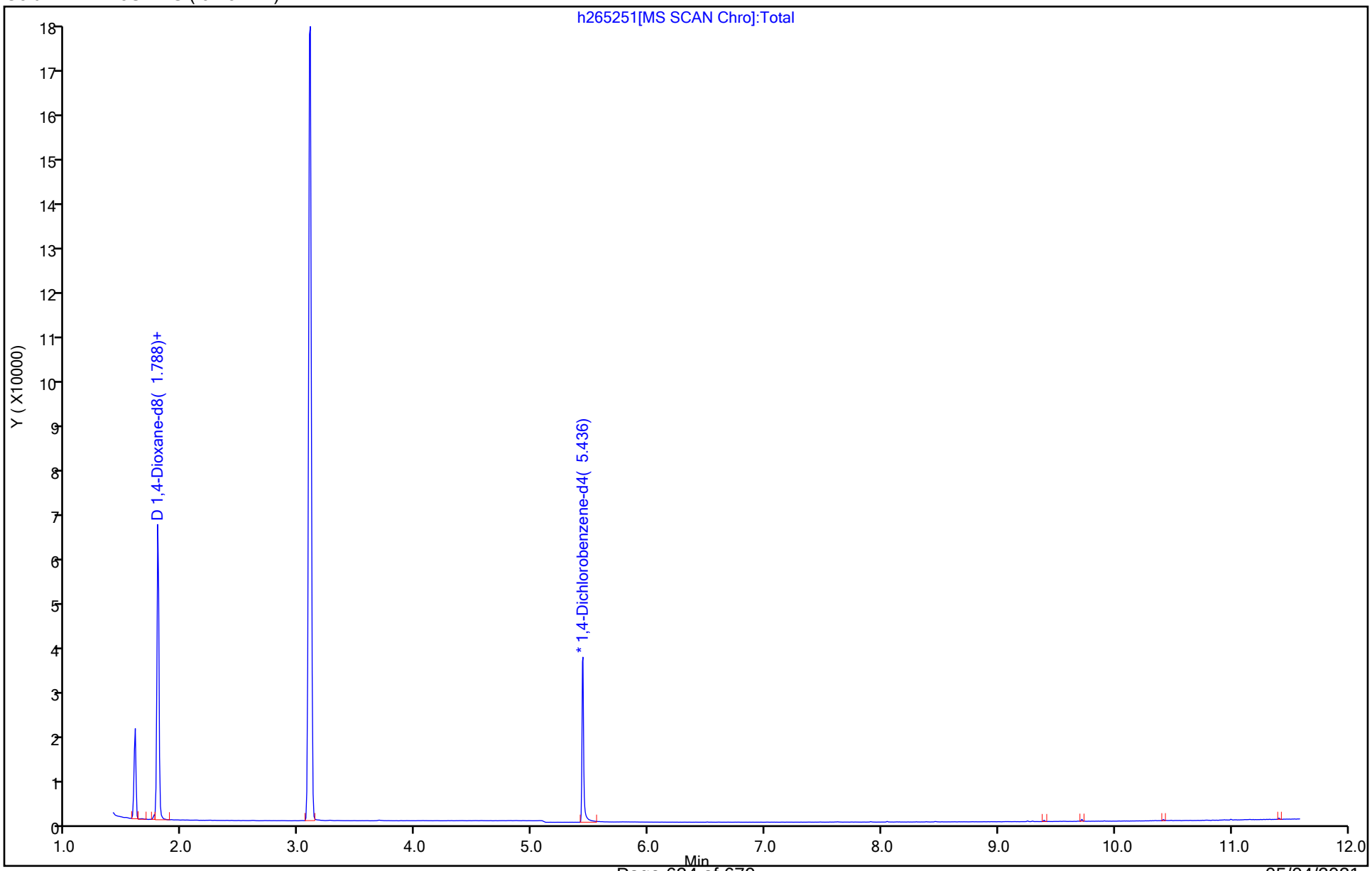
Report Date: 04-May-2021 16:16:05 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265251.d

Injection Date:	04-May-2021 04:55:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	460-233152-F-2-A	Lab Sample ID:	460-233152-2	Worklist Smp#:	45
Client ID:	TW-04_20210428				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	45
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)

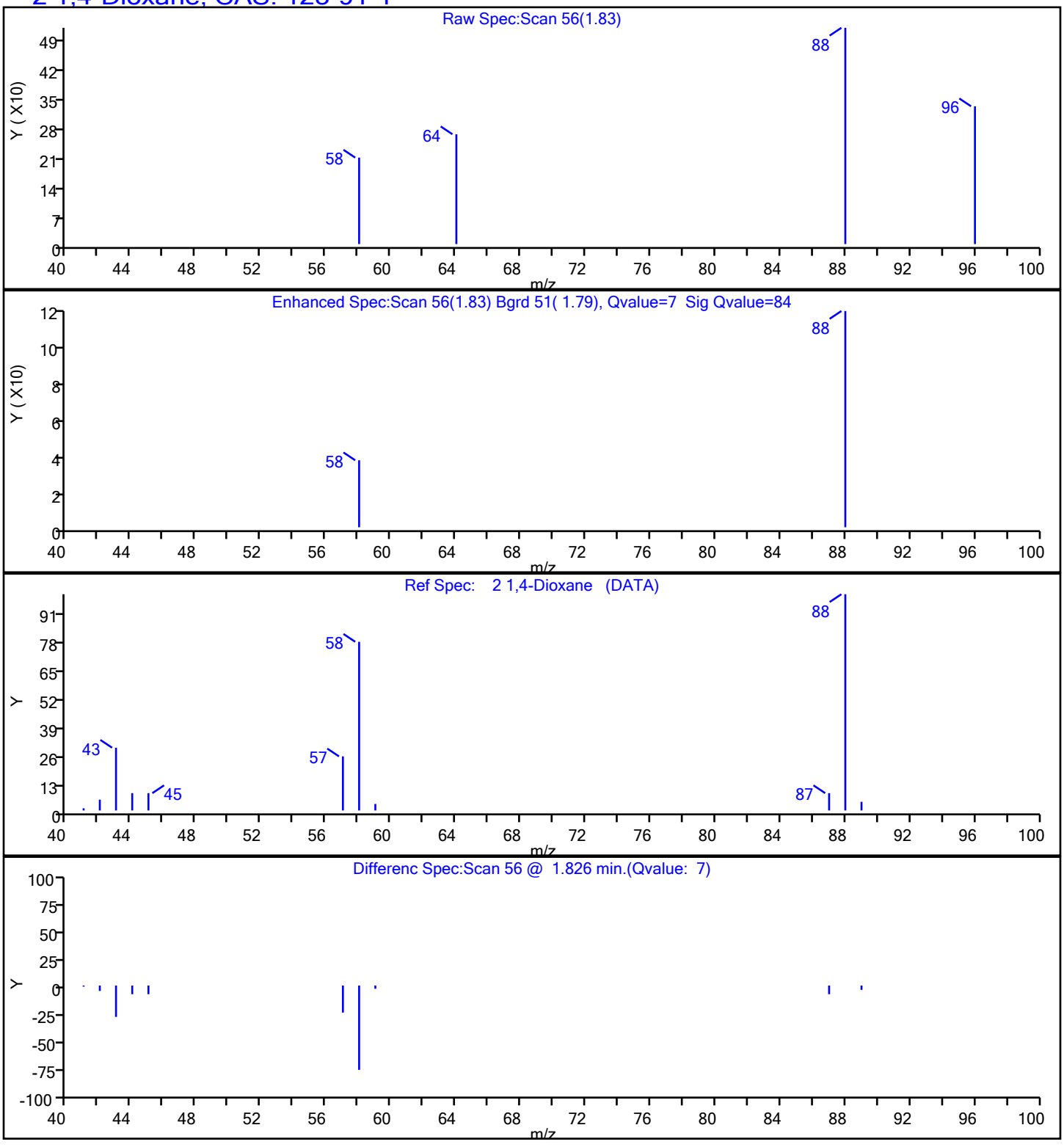


Report Date: 04-May-2021 16:16:05 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265251.d				
Injection Date:	04-May-2021 04:55:30	Instrument ID:	CBNAMS9		
Lims ID:	460-233152-F-2-A	Lab Sample ID:	460-233152-2		
Client ID:	TW-04_20210428				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	45
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

2 1,4-Dioxane, CAS: 123-91-1

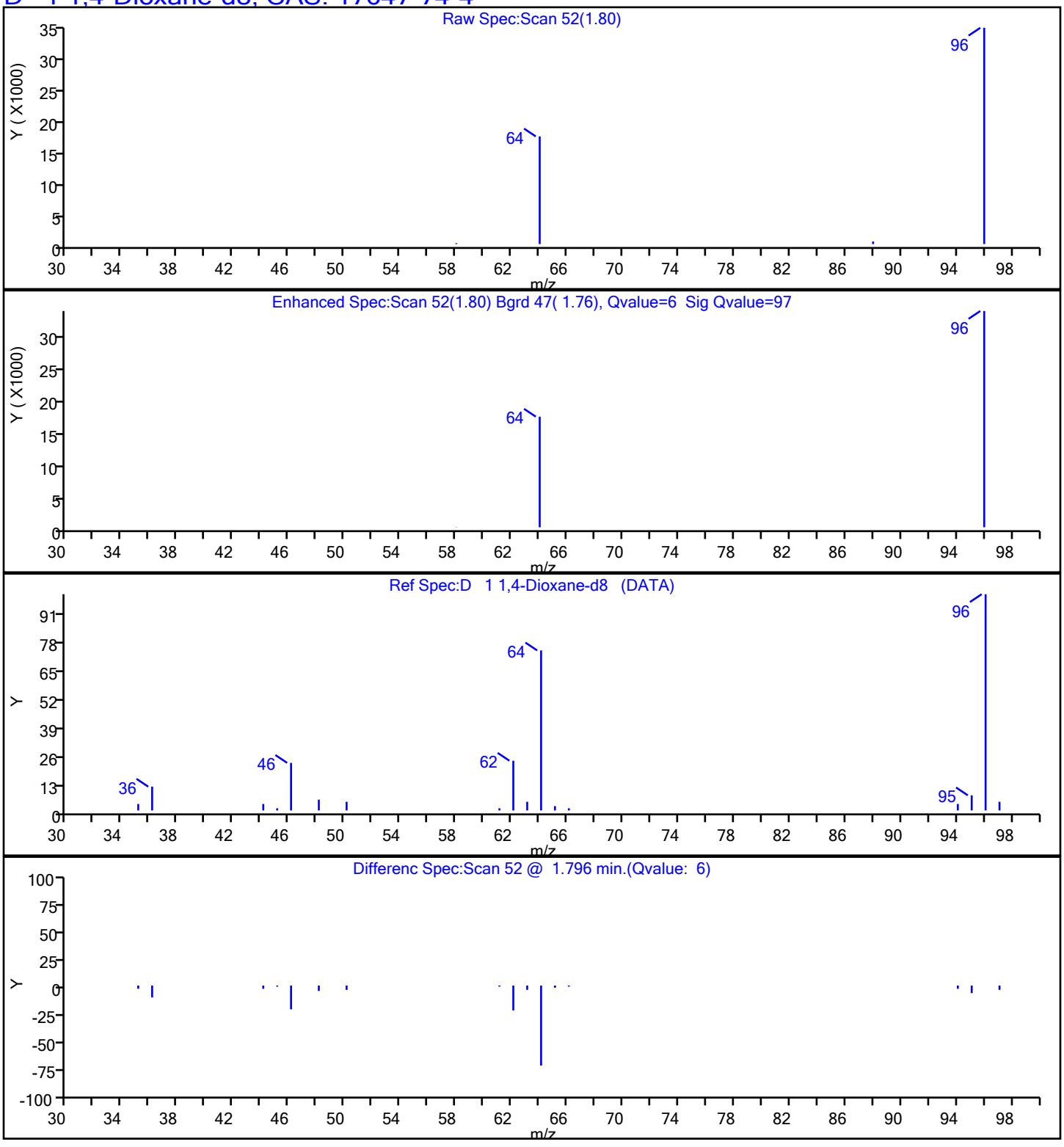


Report Date: 04-May-2021 16:16:05 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265251.d				
Injection Date:	04-May-2021 04:55:30	Instrument ID:	CBNAMS9		
Lims ID:	460-233152-F-2-A	Lab Sample ID:	460-233152-2		
Client ID:	TW-04_20210428				
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	45
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

D 1 1,4-Dioxane-d8, CAS: 17647-74-4



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 736984

SDG No.:

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2020 09:01 Calibration End Date: 11/03/2020 11:09 Calibration ID: 82658

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-736984/10	h260963.d
Level 2	STD2 460-736984/9	h260962.d
Level 3	STD3 460-736984/8	h260961.d
Level 4	STD4 460-736984/7	h260960.d
Level 5	ICIS 460-736984/2	h260955.d
Level 6	STD6 460-736984/6	h260959.d
Level 7	STD7 460-736984/5	h260958.d
Level 8	STD8 460-736984/4	h260957.d
Level 9	STD9 460-736984/3	h260956.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	1.2638 1.2129	1.2366 1.2498	1.3261 1.2084	1.2426 1.2607	1.3618	AveID		1.2625				4.0		50.0			
1,4-Dioxane-d8	0.1833 0.1824	0.1827 0.1842	0.1768 0.1798	0.1833 0.1615	0.1697	Ave		0.1782				4.4		50.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1 Analy Batch No.: 736984

SDG No.:

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2020 09:01 Calibration End Date: 11/03/2020 11:09 Calibration ID: 82658

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-736984/10	h260963.d
Level 2	STD2 460-736984/9	h260962.d
Level 3	STD3 460-736984/8	h260961.d
Level 4	STD4 460-736984/7	h260960.d
Level 5	ICIS 460-736984/2	h260955.d
Level 6	STD6 460-736984/6	h260959.d
Level 7	STD7 460-736984/5	h260958.d
Level 8	STD8 460-736984/4	h260957.d
Level 9	STD9 460-736984/3	h260956.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane		AveID	347	696	1855	3663	9080	0.0200	0.0400	0.100	0.200	0.500
			16873	34852	182323	1536864		1.00	2.00	10.0	100	
1,4-Dioxane-d8	DCBd4	Ave	54915	56285	55955	58957	53340	4.00	4.00	4.00	4.00	4.00
			55643	55772	60352	48762		4.00	4.00	4.00	4.00	

Curve Type Legend

Ave = Average ISTD
AveID = Average isotope dilution

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260955.d
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 03-Nov-2020 09:01:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-002
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_lso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_lso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:13 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 09:42:43

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	9	53340	4.00	3.81	
	2 1,4-Dioxane	88	2.150	2.150	0.000	20	9080	0.5000	0.5393	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	15716	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL5_00007 Amount Added: 1.00 Units: mL

Report Date: 03-Nov-2020 11:58:13 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260955.d

Injection Date: 03-Nov-2020 09:01:30 Instrument ID: CBNAMS9 Operator ID:

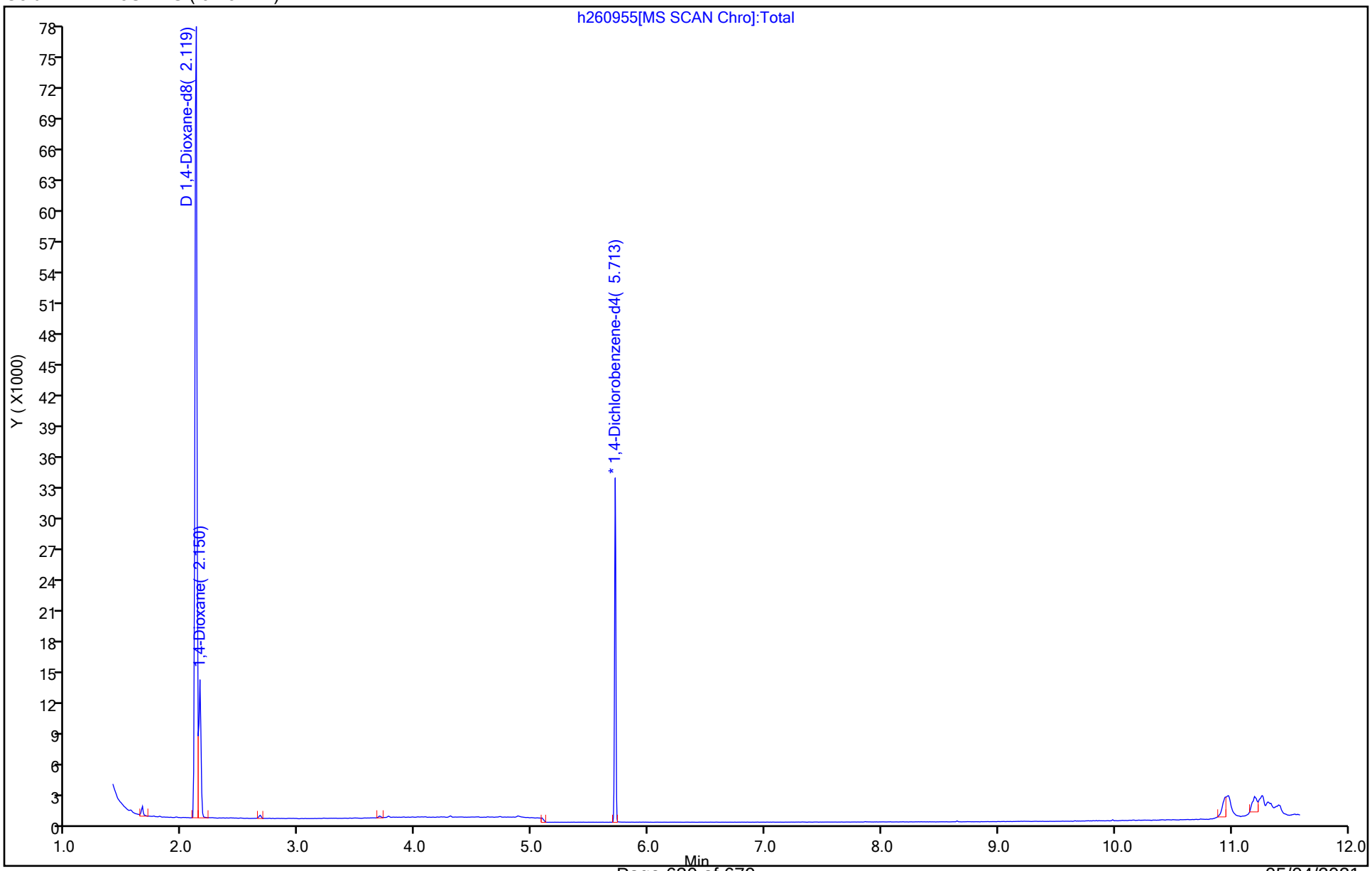
Lims ID: icis Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_Iso Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260956.d
Lims ID: STD9
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 03-Nov-2020 09:17:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-003
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:14 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 09:42:52

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.111	2.119	-0.008	1	48762	4.00	3.62	
	2 1,4-Dioxane	88	2.134	2.150	-0.016	21	1536864	100.0	99.9	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	15099	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL9_00001 Amount Added: 1.00 Units: mL

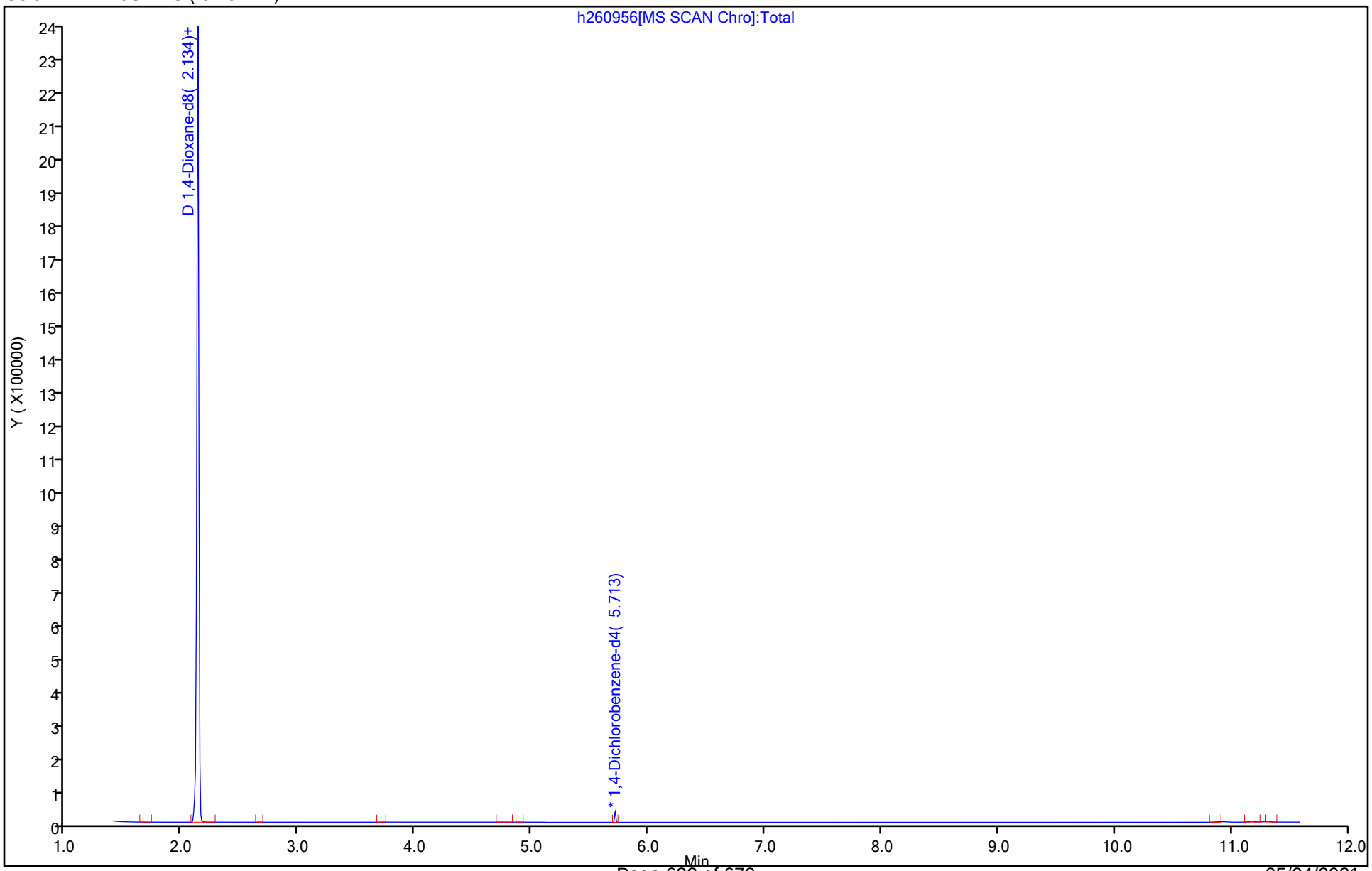
Report Date: 03-Nov-2020 11:58:14 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260956.d

Injection Date:	03-Nov-2020 09:17:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD9			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260957.d
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 03-Nov-2020 09:33:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-004
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:15 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 10:05:27

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	12	60352	4.00	4.04	
	2 1,4-Dioxane	88	2.150	2.150	0.000	17	182323	10.0	9.57	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	16786	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL8_00006 Amount Added: 1.00 Units: mL

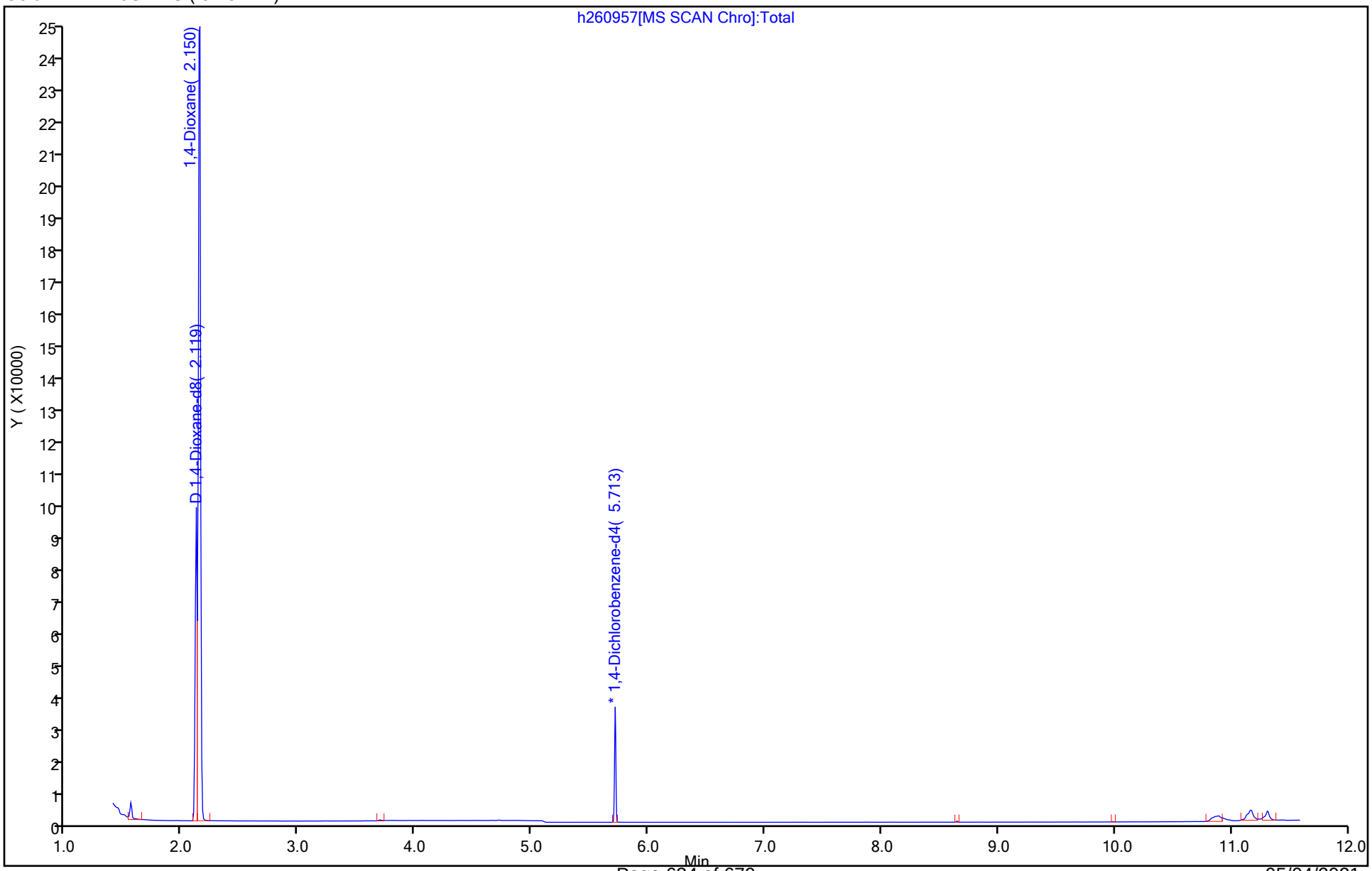
Report Date: 03-Nov-2020 11:58:15 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260957.d

Injection Date:	03-Nov-2020 09:33:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD8			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260958.d
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 03-Nov-2020 09:49:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-005
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:15 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 10:29:26

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	9	55772	4.00	4.14	
	2 1,4-Dioxane	88	2.150	2.150	0.000	20	34852	2.00	1.98	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	15136	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL7_00006 Amount Added: 1.00 Units: mL

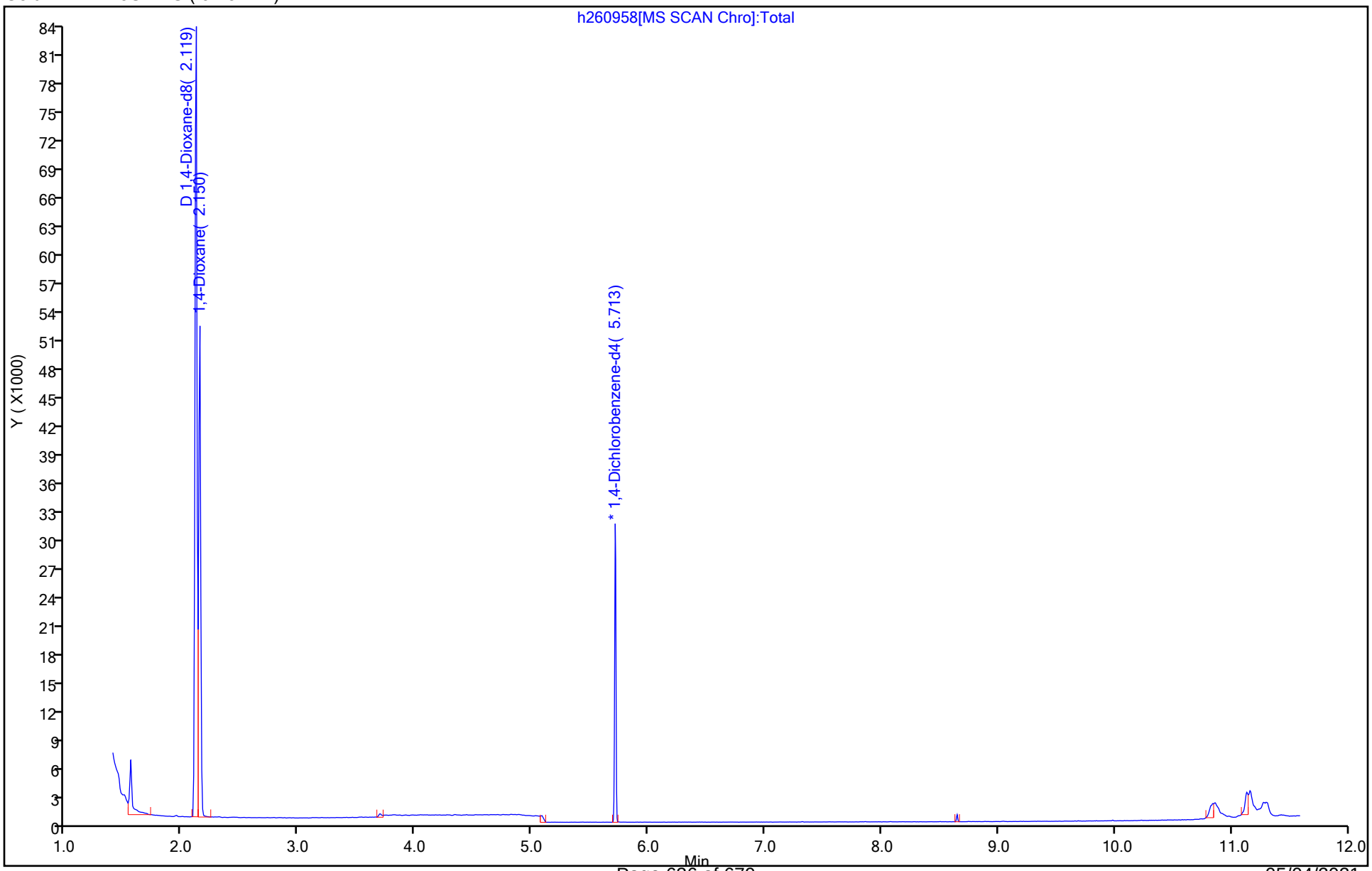
Report Date: 03-Nov-2020 11:58:15 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260958.d

Injection Date:	03-Nov-2020 09:49:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



05/04/2021

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260959.d
Lims ID: STD6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 03-Nov-2020 10:05:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-006
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:15 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 10:29:35

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	13	55643	4.00	4.10	
	2 1,4-Dioxane	88	2.150	2.150	0.000	18	16873	1.00	0.9607	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	15250	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL6_00007 Amount Added: 1.00 Units: mL

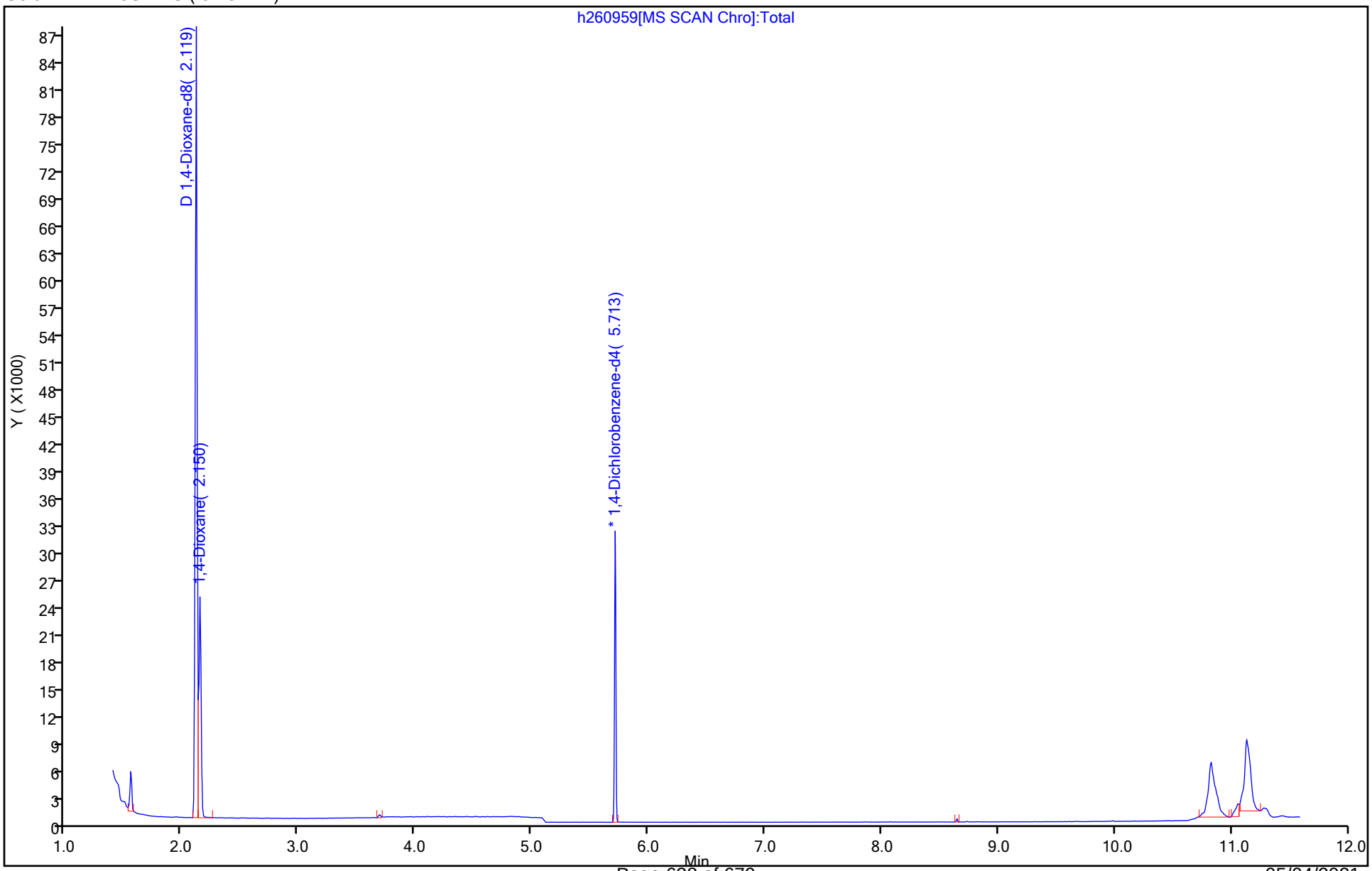
Report Date: 03-Nov-2020 11:58:15 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260959.d

Injection Date:	03-Nov-2020 10:05:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD6			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260960.d
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Nov-2020 10:21:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-007
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_lso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_lso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:16 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 11:15:45

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	8	58957	4.00	4.11	
	2 1,4-Dioxane	88	2.158	2.150	0.008	20	3663	0.2000	0.1968	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	16083	0.2000	0.2000	

QC Flag Legend

Processing Flags

Reagents:

SM_ISOTOPL4_00006 Amount Added: 1.00 Units: mL

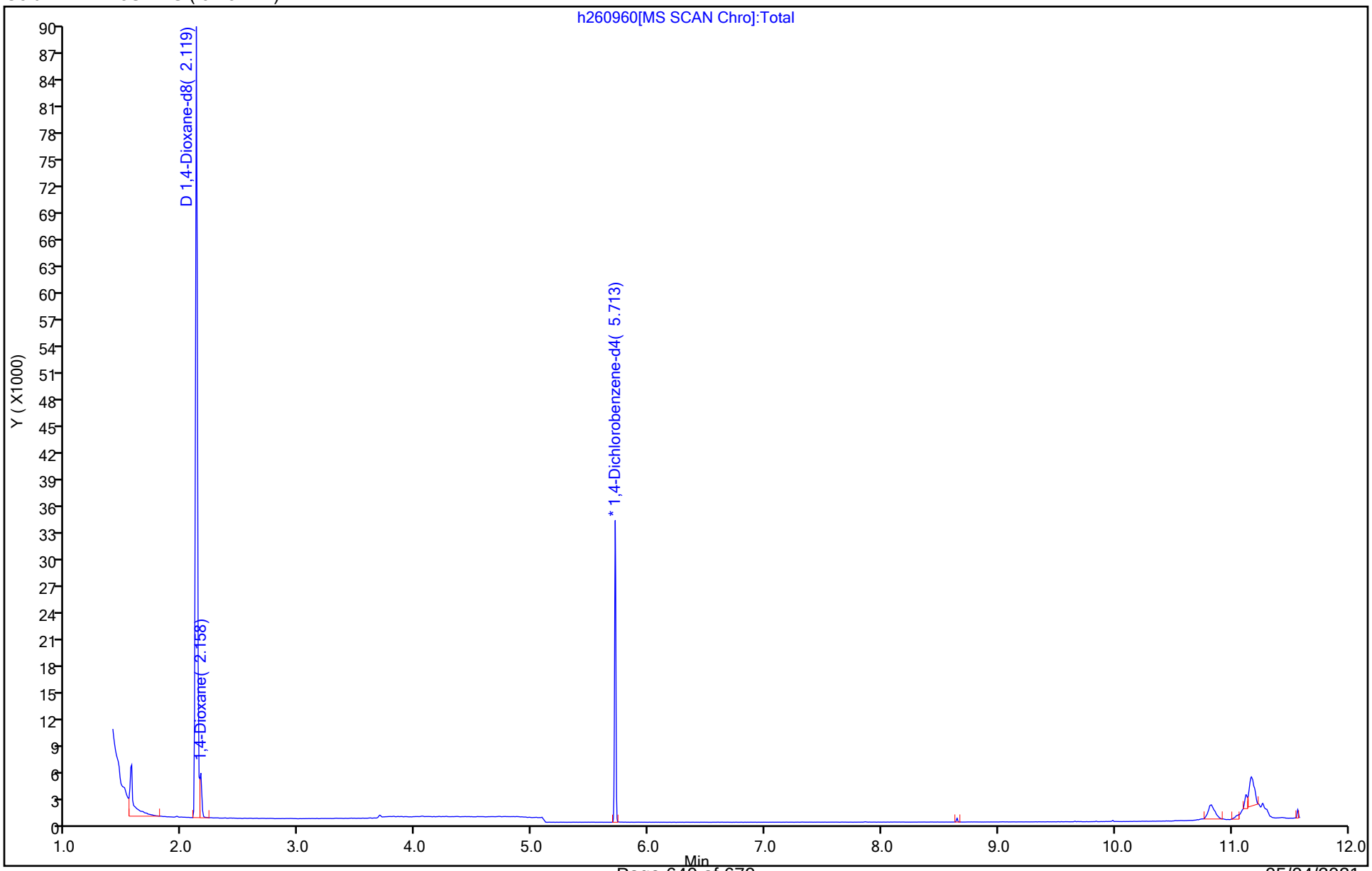
Report Date: 03-Nov-2020 11:58:16 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260960.d

Injection Date:	03-Nov-2020 10:21:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260961.d
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Nov-2020 10:37:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-008
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:16 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 11:15:50

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	10	55955	4.00	3.97	
	2 1,4-Dioxane	88	2.158	2.158	0.000	14	1855	0.1000	0.1050	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	15822	0.2000	0.2000	

QC Flag Legend

Processing Flags

Reagents:

SM_ISOTOPL3_00006 Amount Added: 1.00 Units: mL

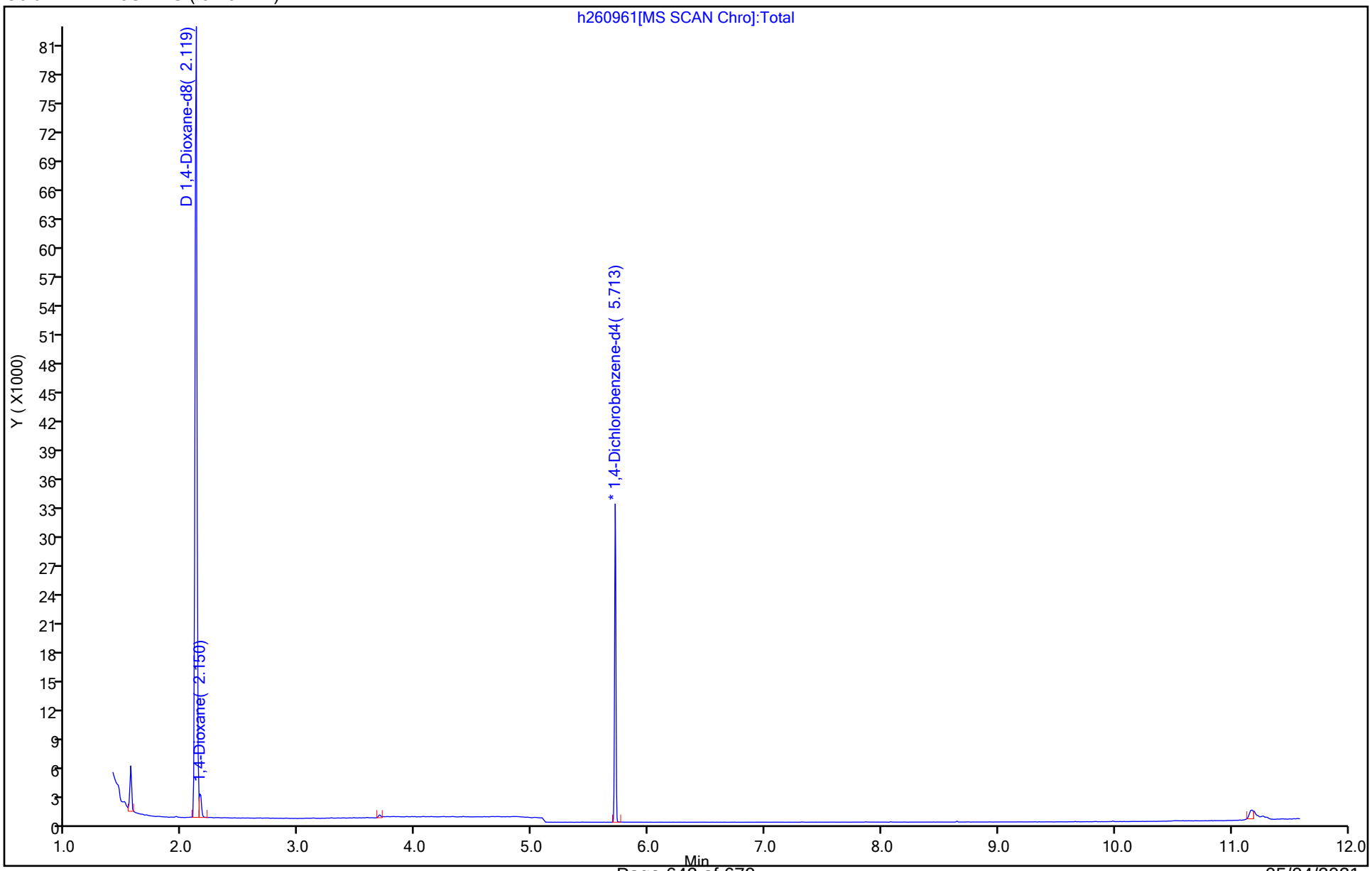
Report Date: 03-Nov-2020 11:58:16 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260961.d

Injection Date:	03-Nov-2020 10:37:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD3			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260962.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 03-Nov-2020 10:53:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-009
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:16 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: nimerd Date: 03-Nov-2020 11:12:07

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	10	56285	4.00	4.10	
	2 1,4-Dioxane	88	2.158	2.158	0.000	19	696	0.0400	0.0392	M
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	15406	0.2000	0.2000	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

SM_ISOTOPL2_00006 Amount Added: 1.00 Units: mL

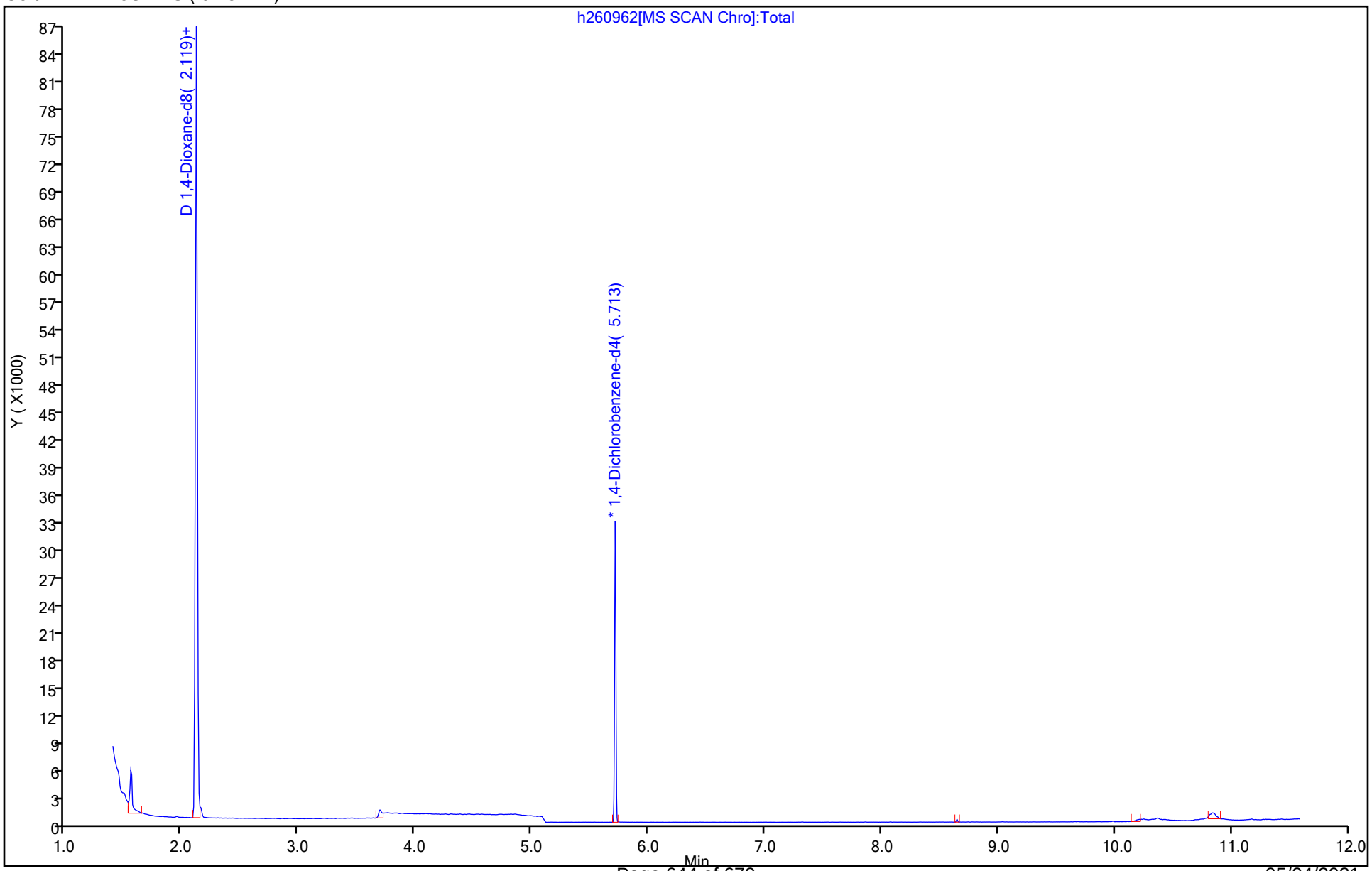
Report Date: 03-Nov-2020 11:58:17 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260962.d

Injection Date:	03-Nov-2020 10:53:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

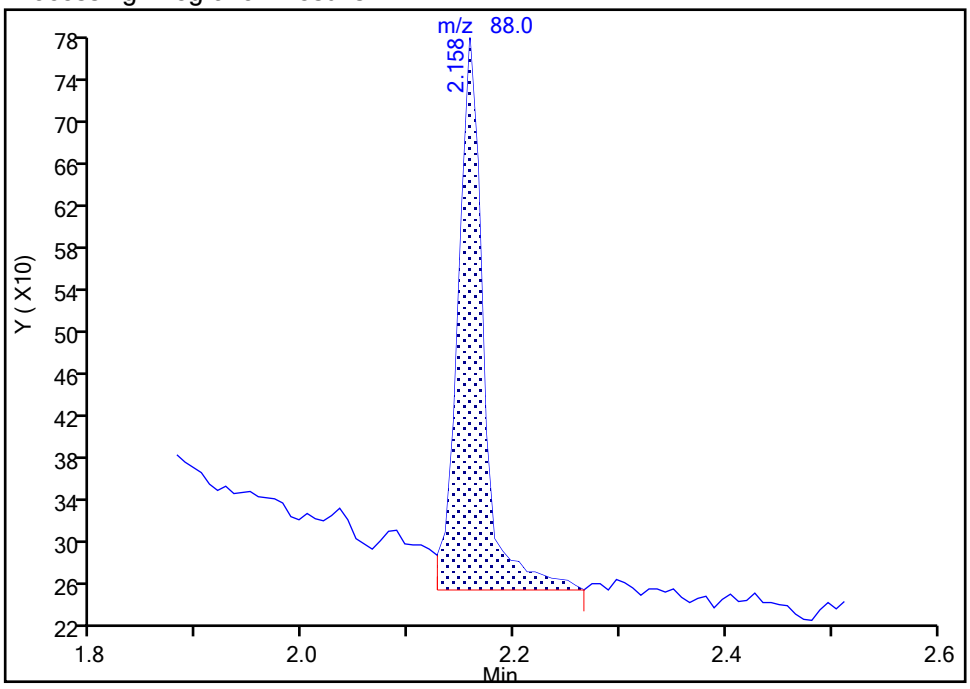
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260962.d
Injection Date: 03-Nov-2020 10:53:30 Instrument ID: CBNAMS9
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_Iso Limit Group: MSS 8270 Isotope Dilution IS
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Signal: 1

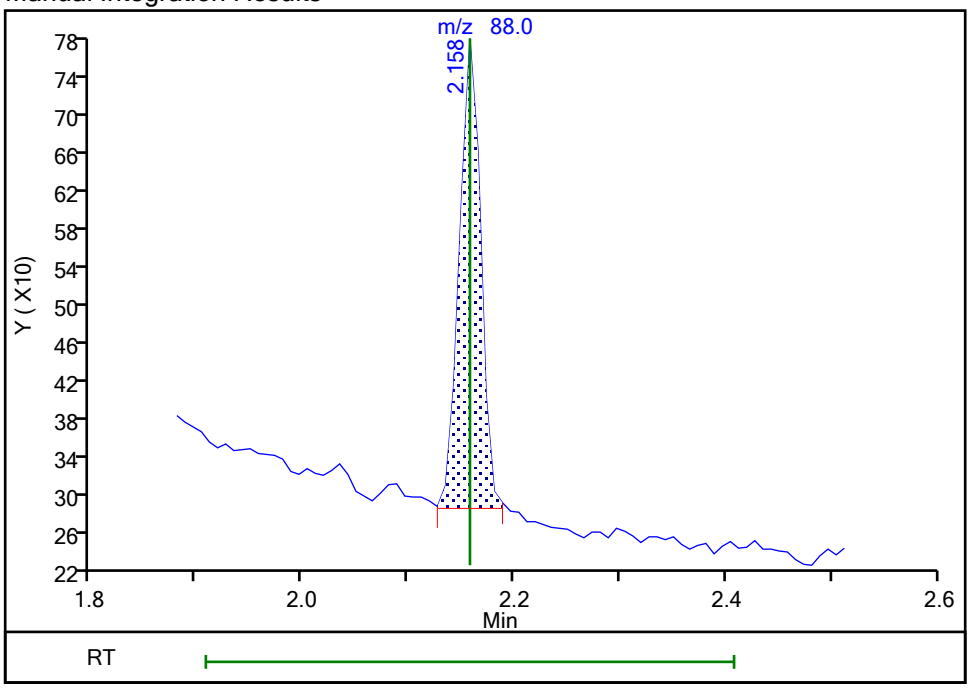
Processing Integration Results

RT: 2.16
Area: 888
Amount: 0.048358
Amount Units: ug/ml



Manual Integration Results

RT: 2.16
Area: 696
Amount: 0.039178
Amount Units: ug/ml



Reviewer: nimerd, 03-Nov-2020 11:11:44
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Nov-2020 11:09:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-010
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 11:58:17 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 11:56:25

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	9	54915	4.00	4.11	
	2 1,4-Dioxane	88	2.158	2.158	0.000	21	347	0.0200	0.0200	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	14981	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_ISOTOPL1_00007 Amount Added: 1.00 Units: mL

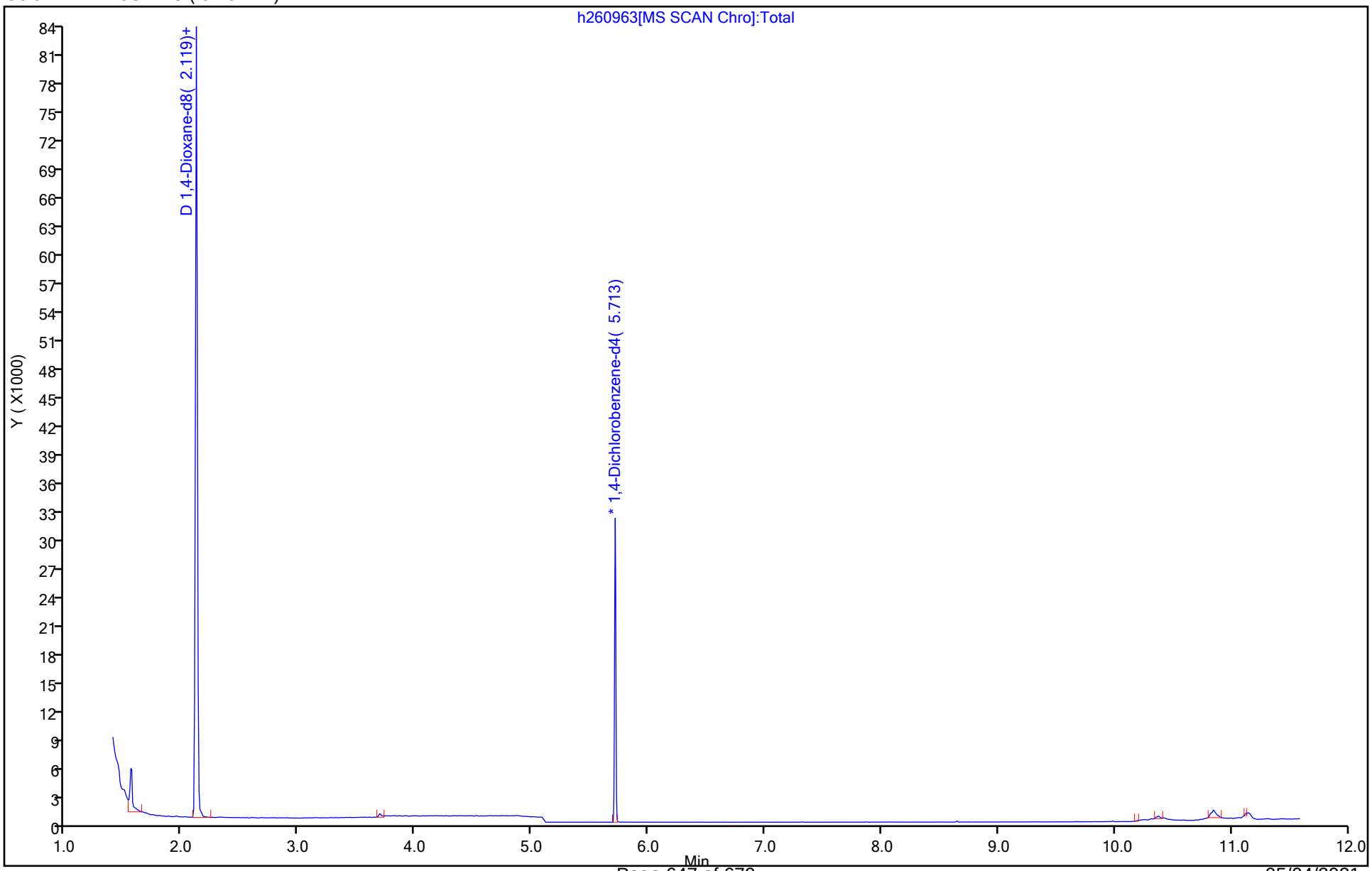
Report Date: 03-Nov-2020 11:58:17 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Injection Date:	03-Nov-2020 11:09:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	10
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



05/04/2021

Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

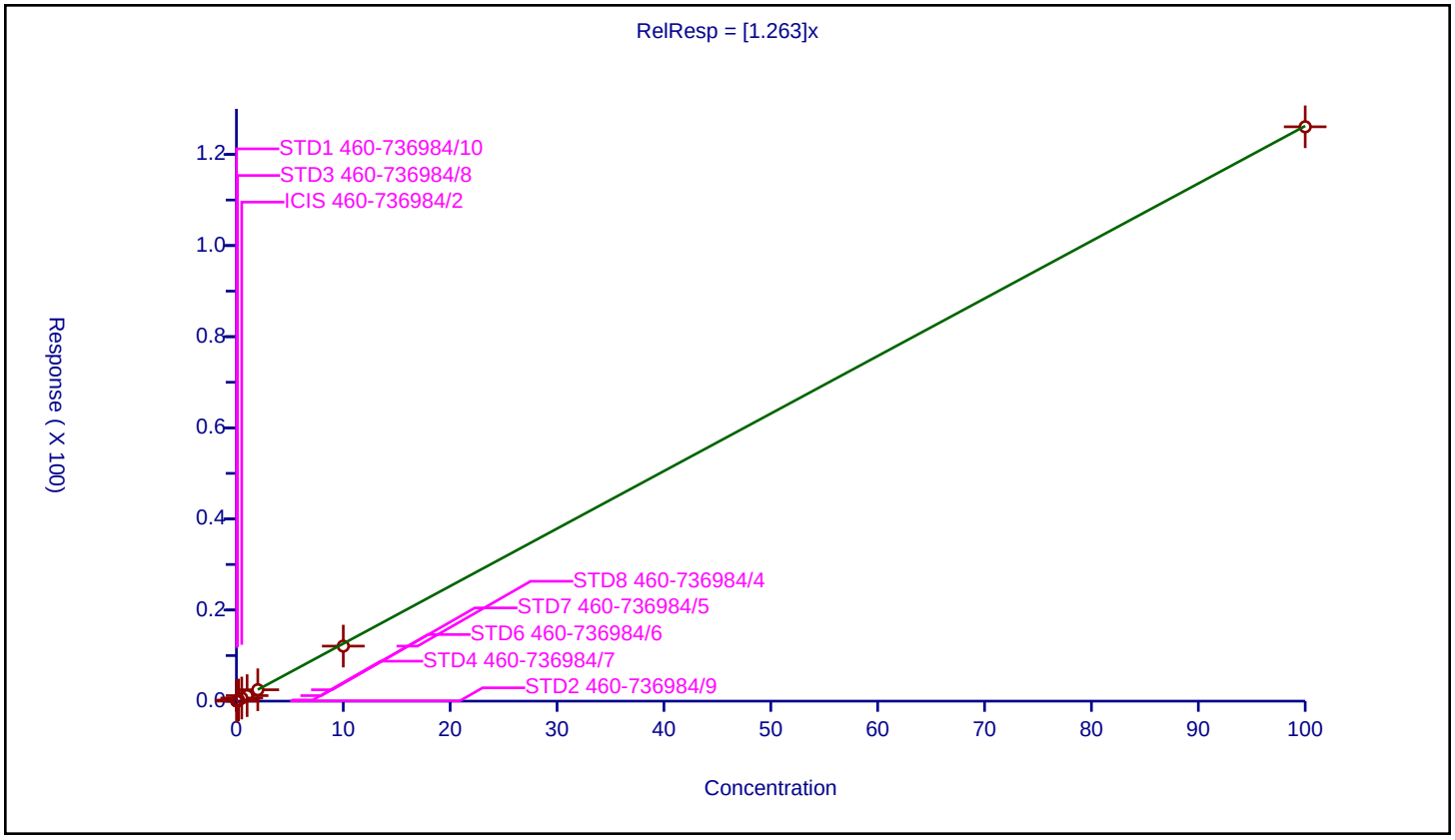
Curve Coefficients

Intercept:	0
Slope:	1.263

Error Coefficients

Standard Error:	547000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-736984/10	0.02	0.025275	4.0	54915.0	1.263771	Y
2	STD2 460-736984/9	0.04	0.049463	4.0	56285.0	1.236564	Y
3	STD3 460-736984/8	0.1	0.132607	4.0	55955.0	1.326066	Y
4	STD4 460-736984/7	0.2	0.24852	4.0	58957.0	1.242601	Y
5	ICIS 460-736984/2	0.5	0.680915	4.0	53340.0	1.36183	Y
6	STD6 460-736984/6	1.0	1.212947	4.0	55643.0	1.212947	Y
7	STD7 460-736984/5	2.0	2.499606	4.0	55772.0	1.249803	Y
8	STD8 460-736984/4	10.0	12.083974	4.0	60352.0	1.208397	Y
9	STD9 460-736984/3	100.0	126.070629	4.0	48762.0	1.260706	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: ICV 460-736984/11 Calibration Date: 11/03/2020 11:25

Instrument ID: CBNAMS9 Calib Start Date: 11/03/2020 09:01

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/03/2020 11:09

Lab File ID: h260964.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	AveID	1.263	1.097		174	200	-13.1	30.0
1,4-Dioxane-d8	Ave	0.1782	0.1900		4270	4000	6.7	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260964.d
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 03-Nov-2020 11:25:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0119507-011
Operator ID: Instrument ID: CBNAMS9
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 03-Nov-2020 12:03:21 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 03-Nov-2020 12:03:51

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	2.119	2.119	0.000	6	67068	4.00	4.27	
	2 1,4-Dioxane	88	2.150	2.158	-0.008	19	3680	0.2000	0.1738	
*	4 1,4-Dichlorobenzene-d4	150	5.713	5.713	0.000	1	17646	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMICV_LVI_00031 Amount Added: 1.00 Units: mL

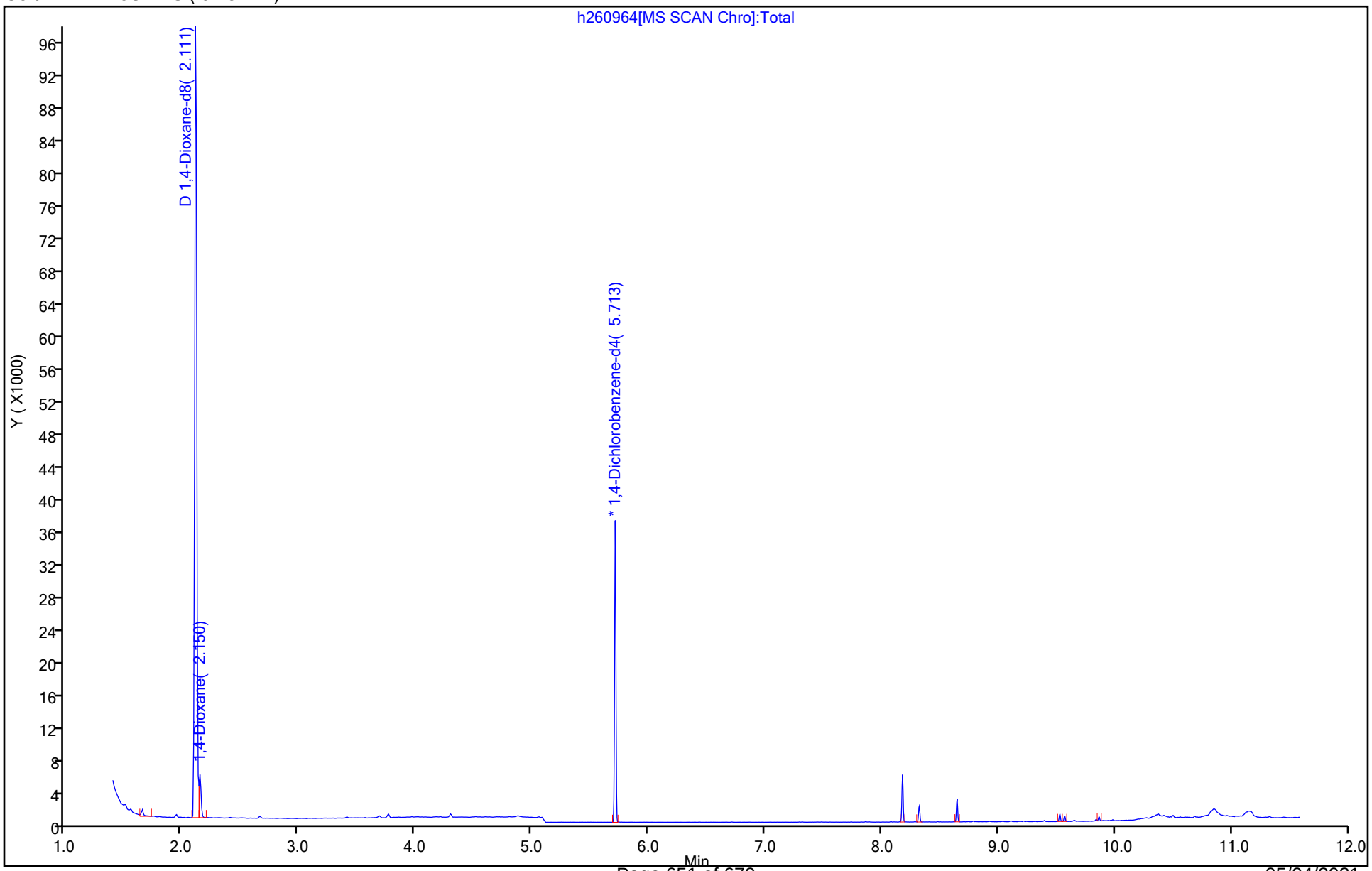
Report Date: 03-Nov-2020 12:03:51 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260964.d

Injection Date:	03-Nov-2020 11:25:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	icv			Worklist Smp#:	11
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Lab Sample ID: CCVIS 460-775515/2 Calibration Date: 05/03/2021 17:26

Instrument ID: CBNAMS9 Calib Start Date: 11/03/2020 09:01

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/03/2020 11:09

Lab File ID: h265208.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	AveID	1.263	1.292		512	500	2.3	20.0
1,4-Dioxane-d8	Ave	0.1782	0.1805		4050	4000	1.3	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265208.d
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 03-May-2021 17:26:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0128001-002
Operator ID: Instrument ID: CBNAMS9
Sublist: chrom-8270_Iso*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 04-May-2021 06:28:40 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: johnstonm1 Date: 04-May-2021 06:28:39

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	1.788	1.788	0.000	12	77762	4.00	4.05	
	2 1,4-Dioxane	88	1.819	1.819	0.000	18	12556	0.5000	0.5116	
*	4 1,4-Dichlorobenzene-d4	150	5.436	5.436	0.000	1	21542	0.2000	0.2000	

QC Flag Legend

Processing Flags

Reagents:

SM_ISOTOPL5_00008 Amount Added: 1.00 Units: mL

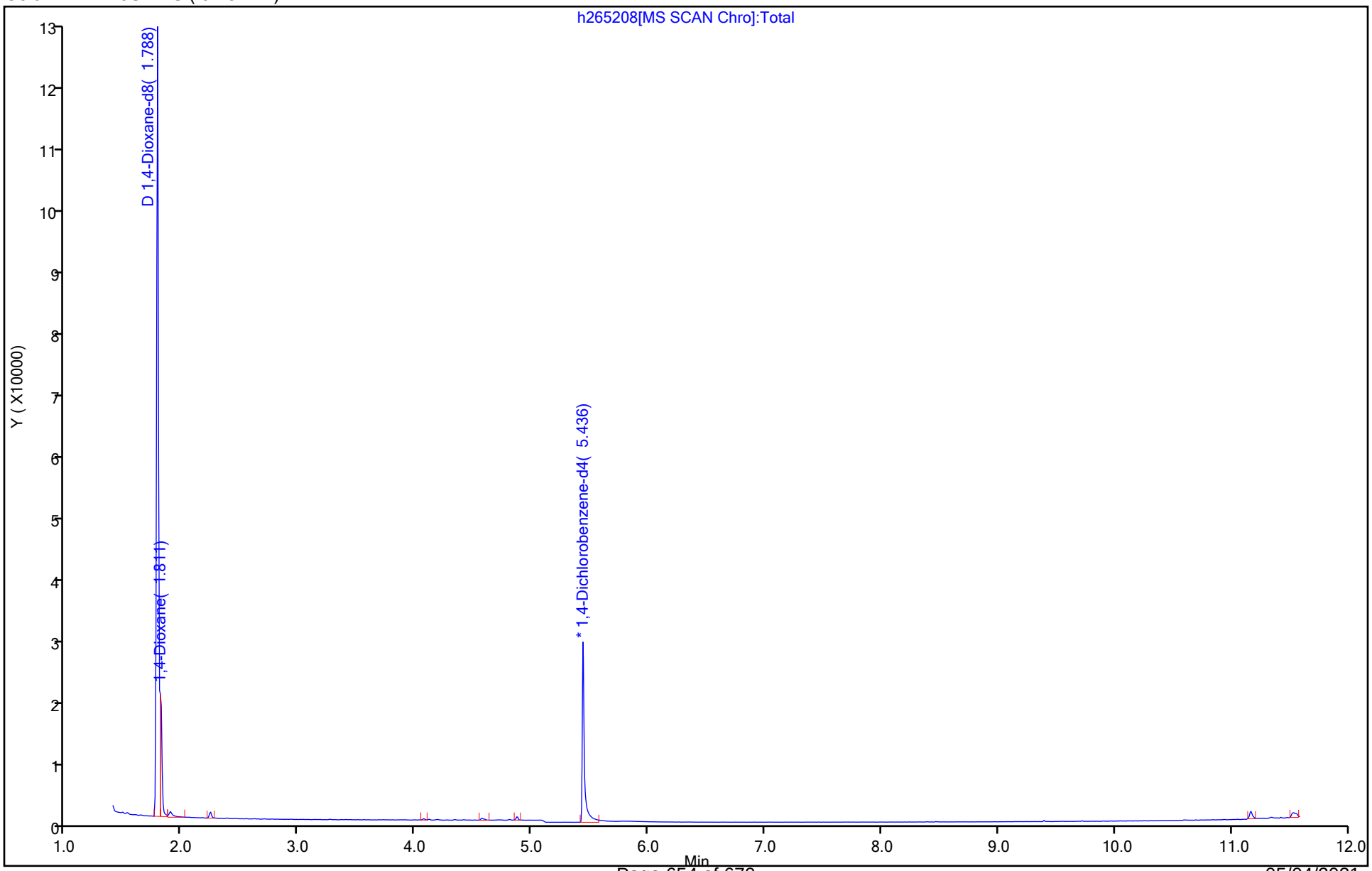
Report Date: 04-May-2021 06:28:40 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265208.d

Injection Date:	03-May-2021 17:26:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260954.d				
Lims ID:	DFTPP				
Client ID:					
Sample Type:	DFTPP				
Inject. Date:	03-Nov-2020 08:50:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0119507-001				
Operator ID:		Instrument ID:	CBNAMS9		
Method:	\\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\8270_Iso.m				
Limit Group:	MSS 8270 Isotope Dilution IS				
Last Update:	03-Nov-2020 12:05:13	Calib Date:	03-Nov-2020 11:09:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Isotopic Dilution	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1685				
First Level Reviewer: johnstonm1		Date:	03-Nov-2020 12:05:13		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

3 DFTPP

QC Flag Legend

Processing Flags

Reagents:

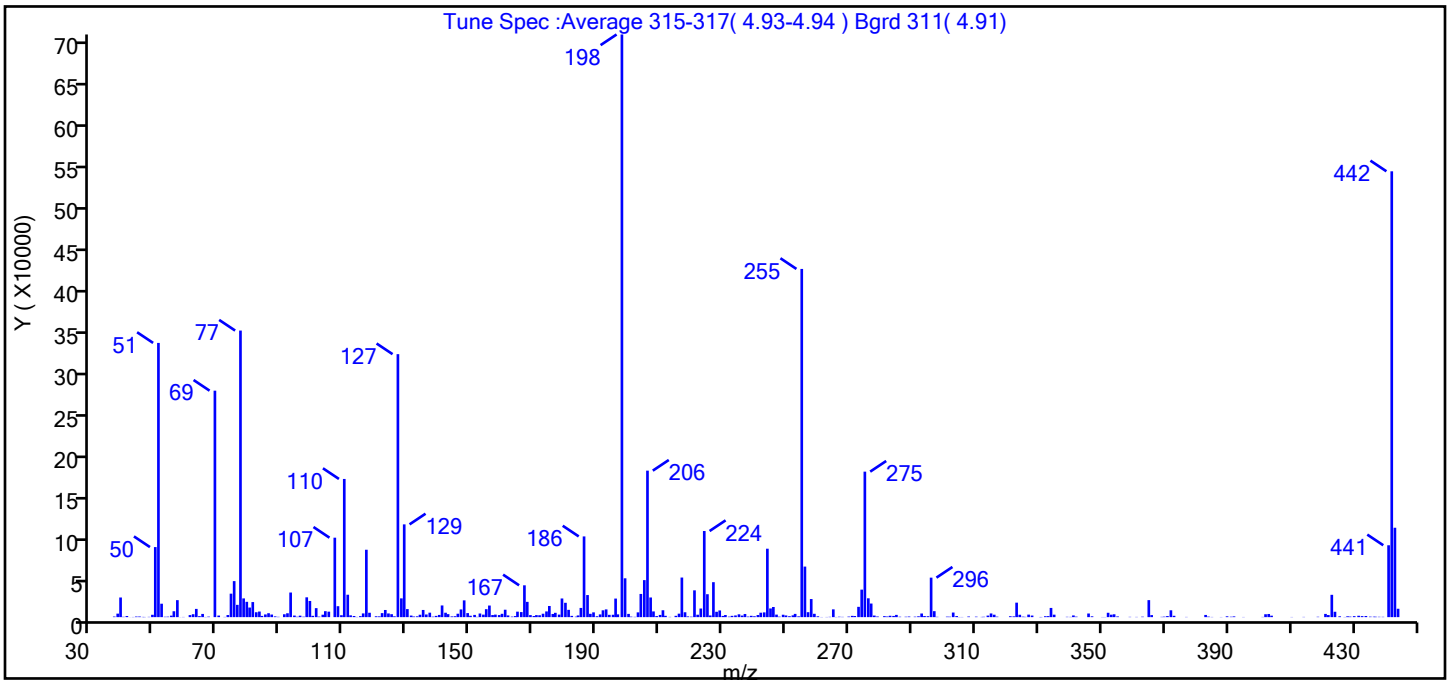
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260954.d
Injection Date: 03-Nov-2020 08:50:30 Instrument ID: CBNAMS9
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_Iso Limit Group: MSS 8270 Isotope Dilution IS
Tune Method: DFTPP Method 8270E, BP 198

3 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.0 (0.0)
69	Present	38.9
70	<2% of m/z 69	0.3 (0.7)
197	<2% of m/z 198	0.5
199	5-9% of m/z 198	6.7
365	>1% of m/z 198	2.9
441	<150% of m/z 443	12.3 (80.4)
442	Present	76.5
443	15-24% of m/z 442	15.3 (20.1)

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260954.d\8270_Iso.rslt\spectra.d
Injection Date: 03-Nov-2020 08:50:30
Spectrum: Tune Spec :Average 315-317(4.93-4.94) Bgrd 311(4.91)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 337

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	724	128.00	22864	213.00	304	306.00	213
38.00	4281	129.00	113000	215.00	1606	308.00	753
39.00	23936	130.00	9812	216.00	4232	310.00	599
40.00	437	131.00	1920	217.00	48240	312.00	286
41.00	1360	132.00	779	218.00	5941	313.00	427
42.00	82	133.00	997	219.00	902	314.00	1898
43.00	226	134.00	2932	220.00	554	315.00	4507
44.00	731	135.00	8753	221.00	32640	316.00	2955
45.00	767	136.00	3235	222.00	2947	317.00	597
46.00	278	137.00	5437	223.00	10516	321.00	1100
47.00	227	138.00	582	224.00	104904	322.00	920
48.00	340	139.00	1536	225.00	27928	323.00	17640
49.00	2873	140.00	2692	226.00	2033	324.00	2900
50.00	85336	141.00	14237	227.00	42584	325.00	599
51.00	334016	142.00	5377	228.00	6527	326.00	338
52.00	16354	143.00	3646	229.00	8162	327.00	3074
53.00	475	144.00	900	230.00	1498	328.00	1935
54.00	594	145.00	1116	231.00	2570	331.00	213
55.00	1827	146.00	4166	232.00	612	331.00	203
56.00	7185	147.00	9375	233.00	1585	332.00	1100
57.00	20696	148.00	20440	234.00	2067	333.00	1238
58.00	109	149.00	4929	235.00	3441	334.00	11224
59.00	237	150.00	1703	236.00	1924	335.00	2999
61.00	2498	151.00	2721	237.00	3855	339.00	397
62.00	3556	152.00	362	238.00	697	340.00	312
63.00	10036	153.00	4425	239.00	1633	341.00	2084
64.00	1198	154.00	3060	240.00	1065	342.00	610
65.00	3922	155.00	9690	241.00	2576	346.00	4432
66.00	215	156.00	14136	242.00	5401	347.00	1005
67.00	628	157.00	2558	243.00	5797	350.00	200
69.00	275840	158.00	3084	244.00	83352	351.00	189
70.00	1914	159.00	2514	245.00	10595	352.00	5319
72.00	261	160.00	4060	246.00	12356	353.00	2982

Report Date: 03-Nov-2020 12:05:13 Chrom Revision: 2.3 14-Oct-2020 14:51:38
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260954.d\8270_Iso.rslt\spectra.d
Injection Date: 03-Nov-2020 08:50:30
Spectrum: Tune Spec :Average 315-317(4.93-4.94) Bgrd 311(4.91)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 337

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	2555	161.00	9037	247.00	3078	354.00	3473
74.00	28592	162.00	2102	248.00	597	355.00	851
75.00	43880	163.00	667	249.00	2935	359.00	352
76.00	14973	164.00	1298	250.00	2043	361.00	278
77.00	349056	165.00	6677	251.00	1125	363.00	552
78.00	22824	166.00	6172	252.00	2192	365.00	20720
79.00	18664	167.00	38776	253.00	3971	366.00	2487
80.00	11702	168.00	18616	254.00	955	369.00	357
81.00	18352	169.00	2488	255.00	424128	370.00	597
82.00	5959	170.00	1357	256.00	61576	371.00	1306
83.00	6841	171.00	2472	257.00	6023	372.00	8331
84.00	1519	172.00	2299	258.00	22048	373.00	1635
85.00	3295	173.00	4162	259.00	4074	377.00	264
86.00	4775	174.00	6971	260.00	1023	383.00	2676
87.00	3158	175.00	13588	261.00	191	384.00	679
88.00	921	176.00	3883	263.00	222	385.00	249
89.00	384	177.00	5281	264.00	373	388.00	191
91.00	3509	178.00	3090	265.00	9495	390.00	1023
92.00	4720	179.00	22736	266.00	211	391.00	508
93.00	29984	180.00	17472	267.00	515	392.00	914
94.00	1930	181.00	8905	268.00	326	395.00	214
95.00	482	182.00	1549	270.00	670	401.00	272
96.00	1793	184.00	574	271.00	1556	402.00	3527
97.00	548	184.00	2077	272.00	1361	403.00	3853
98.00	24136	185.00	11222	273.00	12553	404.00	1785
99.00	19696	186.00	98320	274.00	33520	410.00	218
100.00	1603	187.00	26904	275.00	177216	414.00	278
101.00	10962	188.00	4051	276.00	22960	419.00	459
102.00	626	189.00	5828	277.00	16568	421.00	3930
103.00	2955	190.00	1080	278.00	1922	422.00	2539
104.00	7258	191.00	3320	279.00	797	423.00	27192
105.00	6673	192.00	8331	281.00	1210	424.00	6553
107.00	96776	193.00	9434	282.00	769	426.00	991
108.00	13331	194.00	2806	283.00	1689	427.00	201

Report Date: 03-Nov-2020 12:05:13 Chrom Revision: 2.3 14-Oct-2020 14:51:38
Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260954.d\8270_Iso.rslt\spectra.d
Injection Date: 03-Nov-2020 08:50:30
Spectrum: Tune Spec :Average 315-317(4.93-4.94) Bgrd 311(4.91)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 337

m/z	Y	m/z	Y	m/z	Y	m/z	Y
109.00	2341	195.00	2893	284.00	1480	428.00	1018
110.00	168320	196.00	22624	285.00	2745	429.00	663
111.00	27304	197.00	3382	286.00	521	430.00	1198
112.00	2203	198.00	709696	288.00	499	432.00	1683
113.00	1399	199.00	47320	289.00	748	433.00	1273
114.00	264	200.00	3957	291.00	580	434.00	1382
115.00	1233	201.00	637	292.00	1027	435.00	606
116.00	4542	202.00	365	293.00	4439	436.00	560
117.00	82096	203.00	5812	294.00	1312	437.00	444
118.00	5346	204.00	28256	295.00	1124	438.00	432
120.00	1058	205.00	45088	296.00	48120	439.00	391
121.00	937	206.00	178432	297.00	7276	441.00	87552
122.00	4898	207.00	23944	298.00	394	442.00	543040
123.00	8727	208.00	6974	301.00	612	443.00	108888
124.00	4490	209.00	1295	302.00	532	444.00	10217
125.00	3595	210.00	2698	303.00	5606		
126.00	997	211.00	8392	304.00	1297		
127.00	320320	212.00	1626	305.00	204		

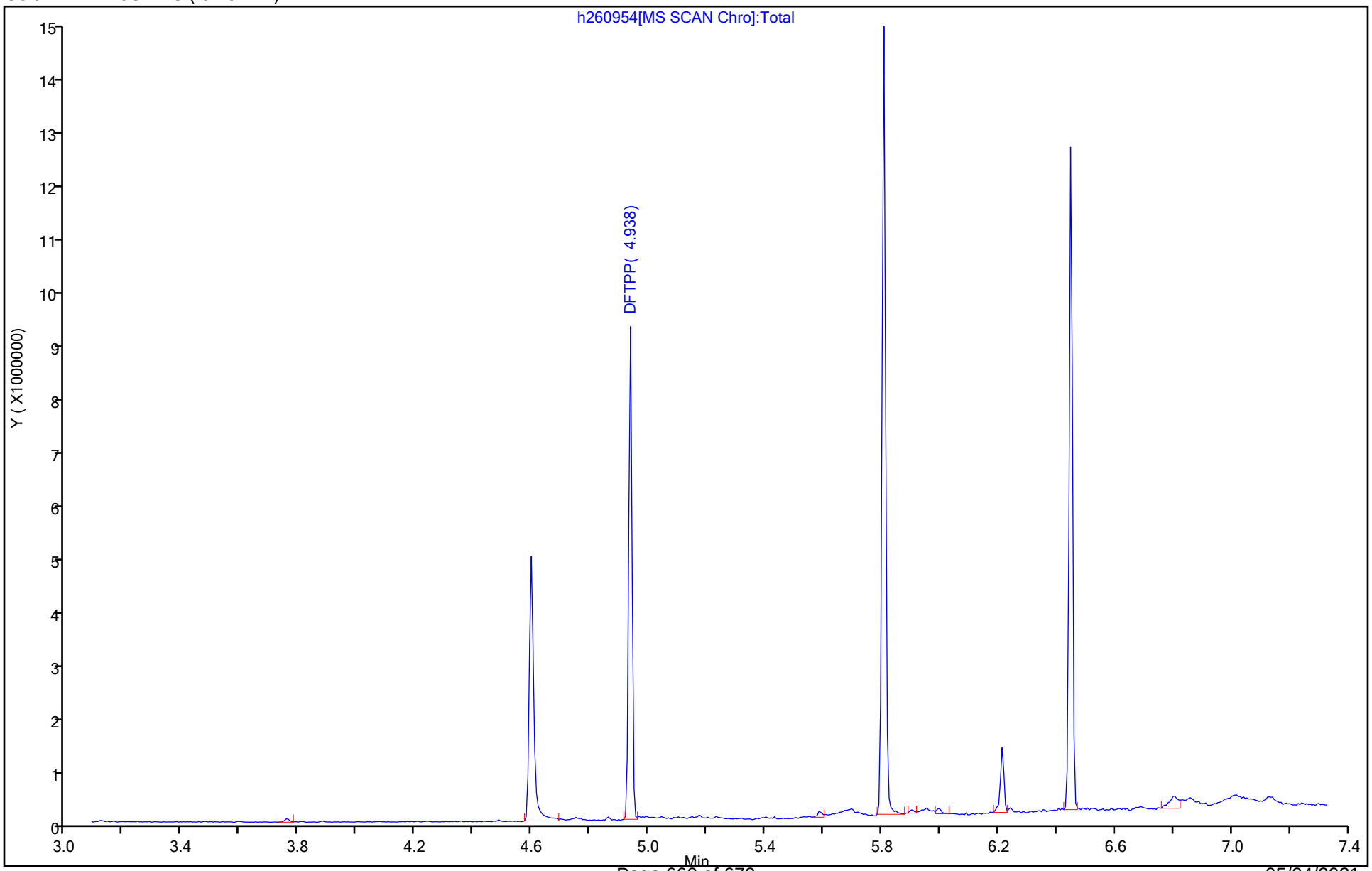
Report Date: 03-Nov-2020 12:05:13 Chrom Revision: 2.3 14-Oct-2020 14:51:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260954.d

Injection Date:	03-Nov-2020 08:50:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	DFTPP			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-775407/1-A

Matrix: Water Lab File ID: h265212.d

Analysis Method: 8270E SIM ID Date Collected:

Extract. Method: 3510C Date Extracted: 05/03/2021 08:02

Sample wt/vol: 250(mL) Date Analyzed: 05/03/2021 18:30

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775515 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.20	U	0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	60		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265212.d
Lims ID: MB 460-775407/1-A
Client ID:
Sample Type: MB
Inject. Date: 03-May-2021 18:30:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0128001-006
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 04-May-2021 16:07:57 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: maheseep Date: 04-May-2021 16:07:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.796	1.788	0.008	5	44437	4.00	2.38	
* 4 1,4-Dichlorobenzene-d4	150	5.436	5.436	0.000	1	20925	0.2000	0.2000	

QC Flag Legend

Processing Flags

Reagents:

SM_iso_d4istd_00008 Amount Added: 20.00 Units: uL Run Reagent

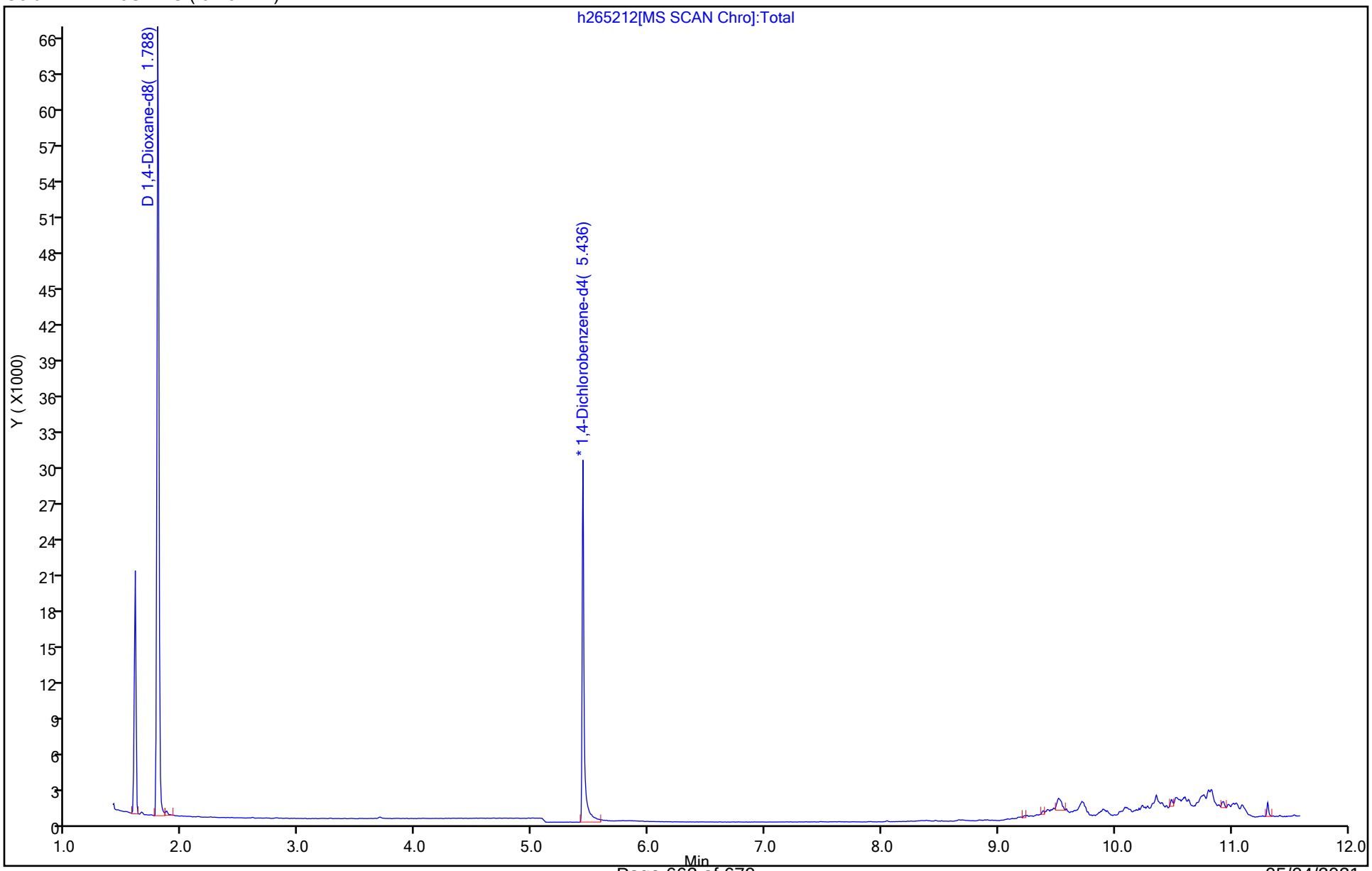
Report Date: 04-May-2021 16:07:57 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265212.d

Injection Date:	03-May-2021 18:30:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	MB 460-775407/1-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

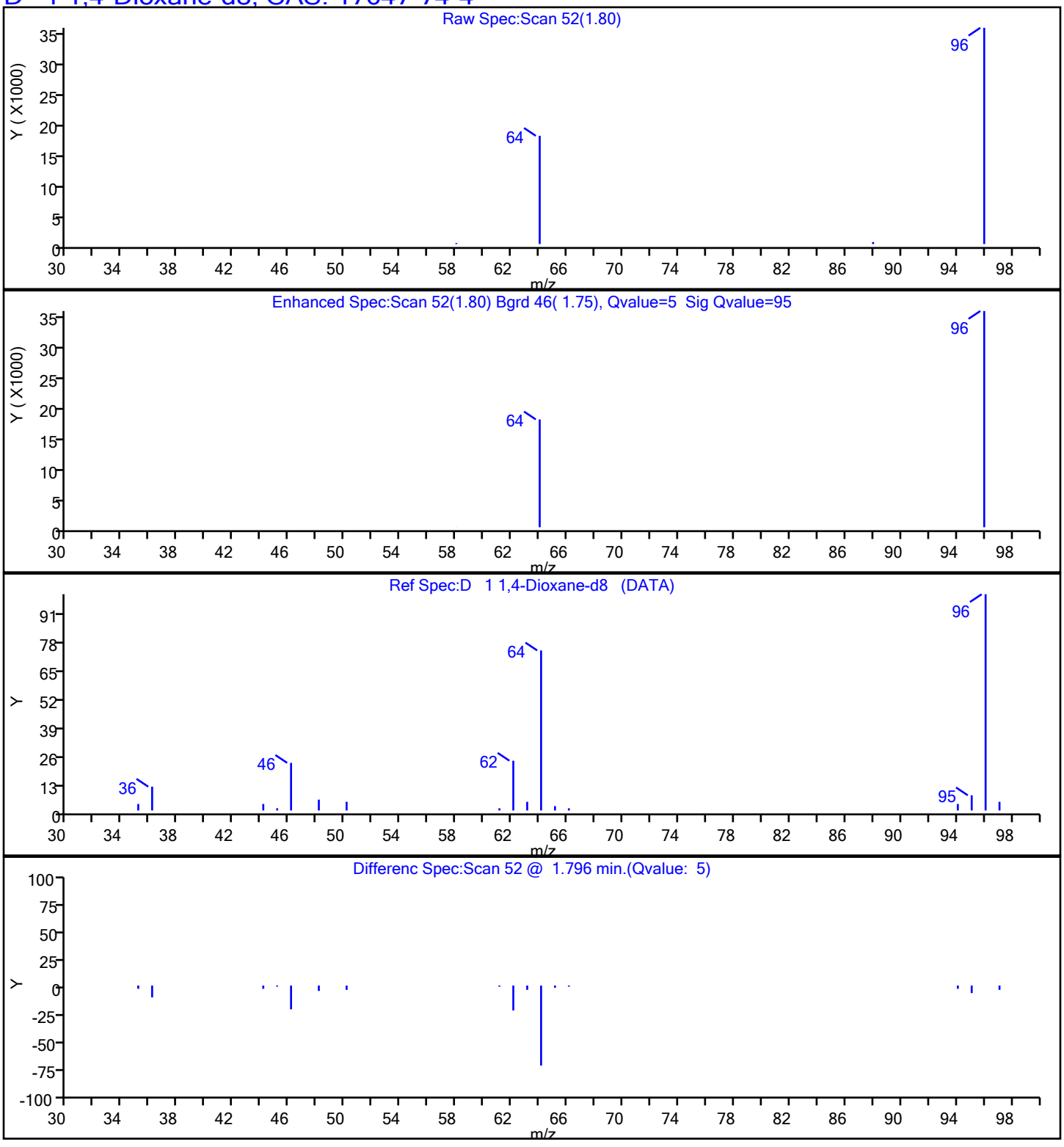
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265212.d				
Injection Date:	03-May-2021 18:30:30	Instrument ID:	CBNAMS9		
Lims ID:	MB 460-775407/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

D 1 1,4-Dioxane-d8, CAS: 17647-74-4



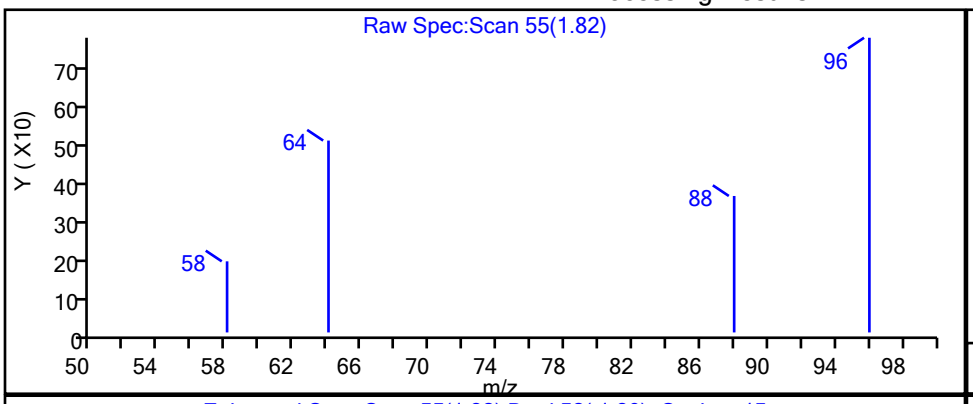
User Disabled Compound Report

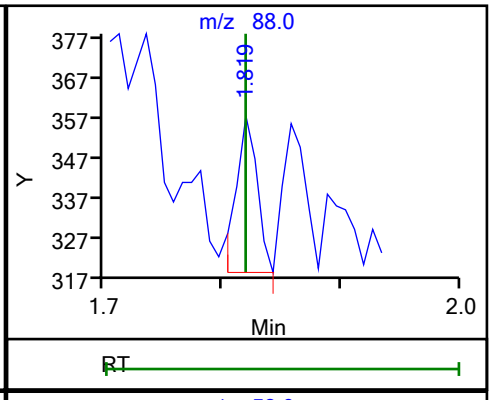
Eurofins TestAmerica, Edison

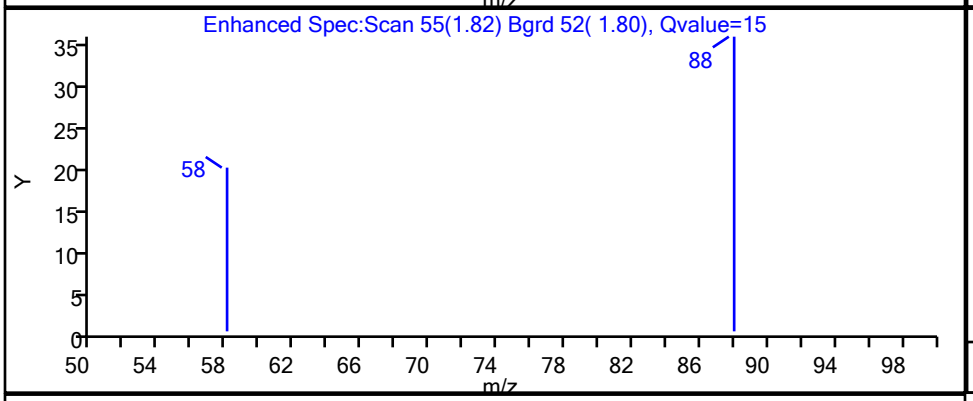
Data File:	\\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265212.d		
Injection Date:	03-May-2021 18:30:30	Instrument ID:	CBNAMS9
Lims ID:	MB 460-775407/1-A		
Client ID:			
Operator ID:		ALS Bottle#:	6 Worklist Smp#: 6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

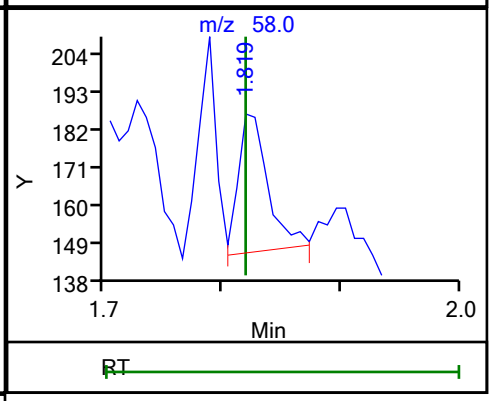
2 1,4-Dioxane, CAS: 123-91-1

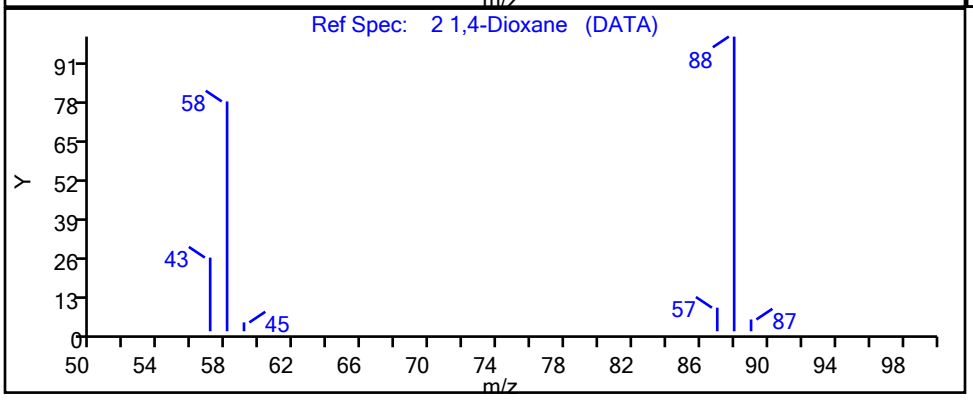
Processing Results











RT	Mass	Response	Amount
1.82	88.00	50	0.003565
1.82	58.00	72	

Reviewer: maheseep, 04-May-2021 16:07:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-775407/2-A

Matrix: Water Lab File ID: h265213.d

Analysis Method: 8270E SIM ID Date Collected:

Extract. Method: 3510C Date Extracted: 05/03/2021 08:02

Sample wt/vol: 250(mL) Date Analyzed: 05/03/2021 18:46

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775515 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	1.24		0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	55		10-200

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265213.d
Lims ID: LCS 460-775407/2-A
Client ID:
Sample Type: LCS
Inject. Date: 03-May-2021 18:46:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0128001-007
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 04-May-2021 16:07:57 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: eisam Date: 03-May-2021 19:10:34

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	1.796	1.788	0.008	8	47796	4.00	2.20	
	2 1,4-Dioxane	88	1.826	1.819	0.007	20	2345	0.2000	0.1554	
*	4 1,4-Dichlorobenzene-d4	150	5.436	5.436	0.000	1	24361	0.2000	0.2000	

QC Flag Legend

Processing Flags

Reagents:

SM_iso_d4istd_00008 Amount Added: 20.00 Units: uL Run Reagent

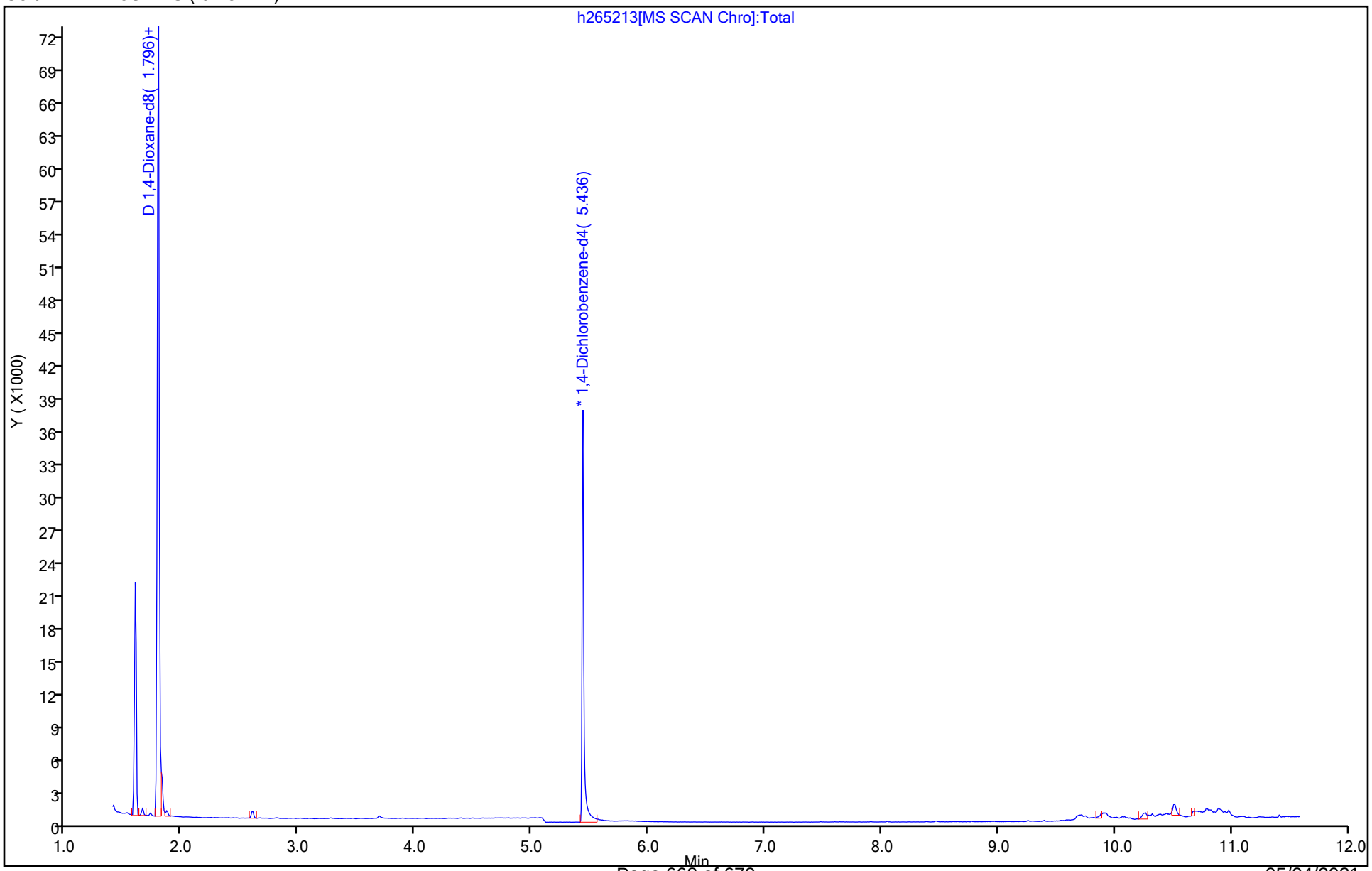
Report Date: 04-May-2021 16:08:01 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265213.d

Injection Date:	03-May-2021 18:46:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	LCS 460-775407/2-A			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-775407/3-A

Matrix: Water Lab File ID: h265214.d

Analysis Method: 8270E SIM ID Date Collected:

Extract. Method: 3510C Date Extracted: 05/03/2021 08:02

Sample wt/vol: 250(mL) Date Analyzed: 05/03/2021 19:02

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 775515 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	1.34		0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	62		10-200

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265214.d
Lims ID: LCSD 460-775407/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 03-May-2021 19:02:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0128001-008
Operator ID: Instrument ID: CBNAMS9

Method: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\8270_Iso.m
Limit Group: MSS 8270 Isotope Dilution IS
Last Update: 04-May-2021 16:07:57 Calib Date: 03-Nov-2020 11:09:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20201103-119507.b\h260963.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: eisam Date: 03-May-2021 19:44:36

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D	1 1,4-Dioxane-d8	96	1.795	1.788	0.007	11	49743	4.00	2.47	
	2 1,4-Dioxane	88	1.826	1.819	0.007	19	2631	0.2000	0.1676	
*	4 1,4-Dichlorobenzene-d4	150	5.436	5.436	0.000	1	22613	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_iso_d4istd_00008 Amount Added: 20.00 Units: uL Run Reagent

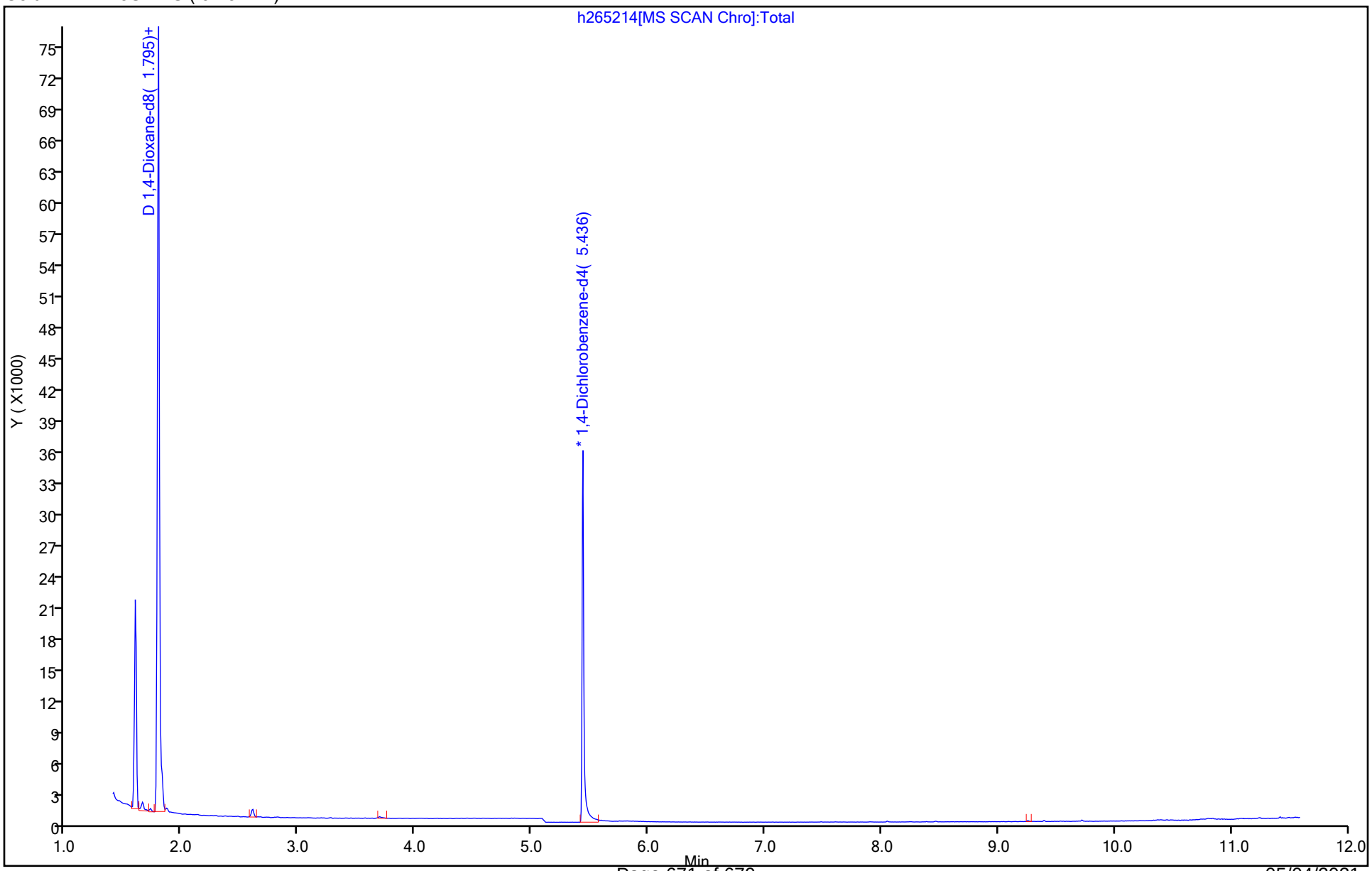
Report Date: 04-May-2021 16:08:05 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20210503-128001.b\h265214.d

Injection Date:	03-May-2021 19:02:30	Instrument ID:	CBNAMS9	Operator ID:	
Lims ID:	LCSD 460-775407/3-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_Iso	Limit Group:	MSS 8270 Isotope Dilution IS		

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Instrument ID: CBNAMS9 Start Date: 11/03/2020 08:50

Analysis Batch Number: 736984 End Date: 11/03/2020 17:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-736984/1		11/03/2020 08:50	1	h260954.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-736984/2		11/03/2020 09:01	1	h260955.d	Rtxi-5Sil MS 0.25(mm)
STD9 460-736984/3 IC		11/03/2020 09:17	1	h260956.d	Rtxi-5Sil MS 0.25(mm)
STD8 460-736984/4 IC		11/03/2020 09:33	1	h260957.d	Rtxi-5Sil MS 0.25(mm)
STD7 460-736984/5 IC		11/03/2020 09:49	1	h260958.d	Rtxi-5Sil MS 0.25(mm)
STD6 460-736984/6 IC		11/03/2020 10:05	1	h260959.d	Rtxi-5Sil MS 0.25(mm)
STD4 460-736984/7 IC		11/03/2020 10:21	1	h260960.d	Rtxi-5Sil MS 0.25(mm)
STD3 460-736984/8 IC		11/03/2020 10:37	1	h260961.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-736984/9 IC		11/03/2020 10:53	1	h260962.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-736984/10 IC		11/03/2020 11:09	1	h260963.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-736984/11		11/03/2020 11:25	1	h260964.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 12:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 12:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 13:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 13:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 13:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 13:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 14:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 14:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 14:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 14:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 15:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 15:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 15:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 16:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 16:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 16:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 16:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 17:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/03/2020 17:21	1		Rtxi-5Sil MS 0.25(mm)

8270E SIM ID

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Instrument ID: CBNAMS9 Start Date: 05/03/2021 17:26

Analysis Batch Number: 775515 End Date: 05/04/2021 05:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-775515/2		05/03/2021 17:26	1	h265208.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 17:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 17:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 18:14	1		Rtxi-5Sil MS 0.25(mm)
MB 460-775407/1-A		05/03/2021 18:30	1	h265212.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-775407/2-A		05/03/2021 18:46	1	h265213.d	Rtxi-5Sil MS 0.25(mm)
LCSD 460-775407/3-A		05/03/2021 19:02	1	h265214.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 19:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 19:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 19:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 20:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 20:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 20:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 20:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 21:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 21:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 21:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 21:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 22:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 22:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 22:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 23:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 23:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 23:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/03/2021 23:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 00:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 00:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 00:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 00:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 01:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 01:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 01:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 01:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 02:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 02:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 02:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 03:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 03:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 03:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 03:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 04:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 04:23	1		Rtxi-5Sil MS 0.25(mm)
460-233152-1	TW-03_20210428	05/04/2021 04:39	1	h265250.d	Rtxi-5Sil MS 0.25(mm)
460-233152-2	TW-04_20210428	05/04/2021 04:55	1	h265251.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2021 05:11	1		Rtxi-5Sil MS 0.25(mm)

8270E SIM ID

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Batch Number: 775407 Batch Start Date: 05/03/21 08:01 Batch Analyst: Dekkar, Djedjiga X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_1,4-DX_SP 00005
MB 460-775407/1		3510C, 8270E SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-775407/2		3510C, 8270E SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
LCSD 460-775407/3		3510C, 8270E SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
460-233152-D-1	TW-03_20210428	3510C, 8270E SIM ID	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
460-233152-F-2	TW-04_20210428	3510C, 8270E SIM ID	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_14-DX_surr 00009					
MB 460-775407/1		3510C, 8270E SIM ID		20 uL					
LCS 460-775407/2		3510C, 8270E SIM ID		20 uL					
LCSD 460-775407/3		3510C, 8270E SIM ID		20 uL					
460-233152-D-1	TW-03_20210428	3510C, 8270E SIM ID	T	20 uL					
460-233152-F-2	TW-04_20210428	3510C, 8270E SIM ID	T	20 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E SIM ID

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233152-1

SDG No.:

Batch Number: 775407 Batch Start Date: 05/03/21 08:01 Batch Analyst: Dekkar, Djedjiga X

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid Used for pH Adjustment ID	257458
Base Used to Adjust pH ID	OP2997
Batch Comment	BNA 8270Isotope
Analyst ID - Concentration	dD
Concentration 1 Corrected Temperature	35 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	dD
Method/Fraction	3510C LVI Isotope
Na2SO4 ID	204081
pH Indicator ID	HC-022887
Prep Solvent ID	Methylene Chloride: 267133
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	dD
Analyst ID - Spike Witness Analyst	OG
Sufficient Volume for Batch QC	Yes
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Vial Lot Number	20046103

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Edison

Chain of Custody Record 452377

eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: Colleen Griffiths	Site Contact: G. Baird	Date: 4/28/21	COC No:
Company Name: AKRF, Inc	Tel/Email: 914-922-2363	Lab Contact: McHaas	Carrier:	1 of 1 COCs
Address: 34 South Broadway	Analysis Turnaround Time			Sampler:
City/State/Zip: White Plains, NY	☐ CALENDAR DAYS ☑ WORKING DAYS			For Lab Use Only:
Phone: 914-922-2363	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks ☑ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: Brookfield Congress Phase III				Job / SDG No.: 233152
Site: 159 S. Lexington Ave, White Plains				
PO # 210122				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Part 375 VOC Base list + 1,4-Dioxane	TCL SVOC Base list + 1,4-Dioxane	TCL PCB Soil list	Sample Specific Notes:
TW-03_20210428	4/28/21	1138	C	GW	7	N	N	X	X	X	1
~~TW-04_20210428 (2)~~	4/28/21	~~1138~~	C	GW	7	N	N	X	X	X	
TW-04_20210428	4/28/21	1138	C	GW	7	N	N	X	X	X	2

5-Day RUSH

460-233152 Chain of Custody

ELMSFORD 272

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: CAT B / EQuIS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	AKRF, Inc	4/28/21		ETA	4/28/21 14:00
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	ETA	4/28/21 17:00			4/28/21 1600
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
		4/28/21 1800		TA	4/28/21 1800

2017 SRL

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05/04/2021

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 233152

Number of Coolers: 1 IR Gun # 11

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	20 °C	17 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: Nana **Date:** 4 28 21

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-233152-1

Login Number: 233152
List Number: 1
Creator: DiGuardia, Joseph L

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

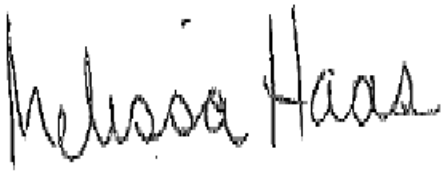
ANALYTICAL REPORT

Job Number: 200-58258-1

Job Description: Brookfield Commons - 159 South Lexington

For:
AKRF Inc
34 South Broadway
Suite 314
White Plains, NY 10601

Attention: Colleen Griffiths



Approved for release.
Melissa Haas
Senior Project Manager
5/5/2021 9:01 AM

Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@Eurofinset.com
05/05/2021

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

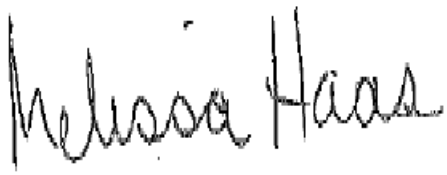
The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Job Number: 200-58258-1

Job Description: Brookfield Commons - 159 South Lexington

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Approved for release.
Melissa Haas
Senior Project Manager
5/5/2021 9:01 AM

Melissa Haas

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Definitions/Glossary

Client: AKRF Inc
Job ID: 200-58258-1
Project/Site: Brookfield Commons - 159 South Lexington

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

CASE NARRATIVE

Client: AKRF Inc

Project: Brookfield Commons - 159 South Lexington

Report Number: 200-58258-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 04/29/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS (AMBIENT AIR)

Samples AA-01_20210428 (200-58258-1), SV-01_20210428 (200-58258-2), SV-02_20210428 (200-58258-3), SV-03_20210428 (200-58258-4) and SV-04_20210428 (200-58258-5) were analyzed for Volatile Organics (Ambient Air) in accordance with EPA Method TO15. The samples were analyzed on 04/30/2021, 05/01/2021 and 05/03/2021.

Method TO-15: The following sample was diluted due to the abundance of non-target analytes: SV-04_20210428. A more concentrated analysis was not possible.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

Detection Summary

Client: AKRF Inc
Job ID: 200-58258-1
Project/Site: Brookfield Commons - 159 South Lexington

Client Sample ID: AA-01_20210428
Lab Sample ID: 200-58258-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.5		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.5	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	1.6		1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	8.4		1.2	0.45	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.29	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.56	J	1.5	0.42	ug/m3	1		TO-15	Total/NA
Acetone	13		12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	7.6	J	12	2.4	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.66	J	1.7	0.59	ug/m3	1		TO-15	Total/NA
n-Hexane	2.4		0.70	0.81	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.4	J	1.5	0.50	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.39		0.20	0.13	ug/m3	1		TO-15	Total/NA
Cyclohexane	2.9		0.69	0.12	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.49		0.22	0.20	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.8		0.93	0.16	ug/m3	1		TO-15	Total/NA
Benzene	1.1		0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	1.1		0.82	0.24	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	60		2.0	0.66	ug/m3	1		TO-15	Total/NA
Toluene	7.0		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.42	J	1.4	0.18	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.54	J	0.87	0.43	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.8	J	2.2	0.74	ug/m3	1		TO-15	Total/NA
o-Xylene	0.57	J	0.87	0.41	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.47	J	0.98	0.23	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.52		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.42	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.79		0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	3.5		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.29		0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.073	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Acetone	5.4		5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	3.1	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.19	J	0.50	0.17	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.67		0.20	0.23	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.49	J	0.50	0.17	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.097		0.050	0.033	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.83		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.077		0.035	0.032	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.39		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	0.35		0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.27		0.20	0.059	ppb v/v	1		TO-15	Total/NA
Methyl methacrylate	15		0.50	0.16	ppb v/v	1		TO-15	Total/NA
Toluene	1.9		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.061	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.12	J	0.20	0.10	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.41	J	0.50	0.17	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.13	J	0.20	0.094	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.096	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 200-58258-1
Project/Site: Brookfield Commons - 159 South Lexington

Client Sample ID: SV-01_20210428
Lab Sample ID: 200-58258-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
n-Butane	89		1.2	0.45	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	9.0		0.44	0.084	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7		1.1	0.29	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.63	J	1.5	0.42	ug/m3	1		TO-15	Total/NA
Acetone	58		12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	3.7	J	12	2.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	10		1.6	0.40	ug/m3	1		TO-15	Total/NA
n-Hexane	27		0.70	0.81	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	240	E	1.5	0.50	ug/m3	1		TO-15	Total/NA
Chloroform	0.39	J	0.98	0.22	ug/m3	1		TO-15	Total/NA
Cyclohexane	5.5		0.69	0.12	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.45		0.22	0.20	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	3.7		0.93	0.16	ug/m3	1		TO-15	Total/NA
Benzene	11		0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	25		0.82	0.24	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	3.3		2.0	0.78	ug/m3	1		TO-15	Total/NA
Toluene	18		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.50	J	1.4	0.18	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	24		2.0	0.82	ug/m3	1		TO-15	Total/NA
Ethylbenzene	8.5		0.87	0.43	ug/m3	1		TO-15	Total/NA
m,p-Xylene	34		2.2	0.74	ug/m3	1		TO-15	Total/NA
o-Xylene	13		0.87	0.41	ug/m3	1		TO-15	Total/NA
Styrene	1.3		0.85	0.14	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	3.9		0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	4.6		0.98	0.25	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	7.4		0.98	0.22	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	20		0.98	0.23	ug/m3	1		TO-15	Total/NA
sec-Butylbenzene	1.5		1.1	0.21	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	2.4		1.1	0.21	ug/m3	1		TO-15	Total/NA
n-Butylbenzene	1.1		1.1	0.30	ug/m3	1		TO-15	Total/NA
Naphthalene	0.94	J	2.6	0.89	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	2.5	J D	9.9	2.2	ug/m3	4		TO-15	Total/NA
n-Butane - DL	65	D	4.8	1.8	ug/m3	4		TO-15	Total/NA
1,3-Butadiene - DL	5.9	D	1.8	0.34	ug/m3	4		TO-15	Total/NA
Trichlorofluoromethane - DL	1.2	J D	4.5	1.2	ug/m3	4		TO-15	Total/NA
Acetone - DL	46	J D	48	19	ug/m3	4		TO-15	Total/NA
Carbon disulfide - DL	7.9	D	6.2	1.6	ug/m3	4		TO-15	Total/NA
n-Hexane - DL	19	D	2.8	3.2	ug/m3	4		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	150	D	5.9	2.0	ug/m3	4		TO-15	Total/NA
Cyclohexane - DL	3.4	D	2.8	0.48	ug/m3	4		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	2.3	J D	3.7	0.65	ug/m3	4		TO-15	Total/NA
Benzene - DL	8.0	D	2.6	0.95	ug/m3	4		TO-15	Total/NA
n-Heptane - DL	14	D	3.3	0.97	ug/m3	4		TO-15	Total/NA
Toluene - DL	11	D	3.0	1.4	ug/m3	4		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone) - DL	11	D	8.2	3.3	ug/m3	4		TO-15	Total/NA
Ethylbenzene - DL	5.9	D	3.5	1.7	ug/m3	4		TO-15	Total/NA
m,p-Xylene - DL	20	D	8.7	3.0	ug/m3	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SV-01_20210428 (Continued)
Lab Sample ID: 200-58258-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene - DL	8.4	D	3.5	1.6	ug/m3	4		TO-15	Total/NA
Styrene - DL	0.58	J D	3.4	0.55	ug/m3	4		TO-15	Total/NA
n-Propylbenzene - DL	2.3	J D	3.9	0.92	ug/m3	4		TO-15	Total/NA
4-Ethyltoluene - DL	2.0	J D	3.9	1.0	ug/m3	4		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	4.7	D	3.9	0.87	ug/m3	4		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	12	D	3.9	0.92	ug/m3	4		TO-15	Total/NA
4-Isopropyltoluene - DL	1.1	J D	4.4	0.86	ug/m3	4		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.46	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.33	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
n-Butane	38		0.50	0.19	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	4.1		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.31		0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.083	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Acetone	24		5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	1.5	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	3.3		0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Hexane	7.6		0.20	0.23	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	80	E	0.50	0.17	ppb v/v	1		TO-15	Total/NA
Chloroform	0.079	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Cyclohexane	1.6		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.072		0.035	0.032	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.80		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	3.6		0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	6.1		0.20	0.059	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.79		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Toluene	4.7		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.074	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	5.8		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	2.0		0.20	0.10	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	7.8		0.50	0.17	ppb v/v	1		TO-15	Total/NA
o-Xylene	3.1		0.20	0.094	ppb v/v	1		TO-15	Total/NA
Styrene	0.31		0.20	0.032	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.80		0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.94		0.20	0.051	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.5		0.20	0.044	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	4.1		0.20	0.047	ppb v/v	1		TO-15	Total/NA
sec-Butylbenzene	0.28		0.20	0.039	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.44		0.20	0.039	ppb v/v	1		TO-15	Total/NA
n-Butylbenzene	0.21		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.18	J	0.50	0.17	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	0.51	J D	2.0	0.44	ppb v/v	4		TO-15	Total/NA
n-Butane - DL	27	D	2.0	0.76	ppb v/v	4		TO-15	Total/NA
1,3-Butadiene - DL	2.7	D	0.80	0.15	ppb v/v	4		TO-15	Total/NA
Trichlorofluoromethane - DL	0.22	J D	0.80	0.21	ppb v/v	4		TO-15	Total/NA
Acetone - DL	19	J D	20	8.0	ppb v/v	4		TO-15	Total/NA
Carbon disulfide - DL	2.6	D	2.0	0.52	ppb v/v	4		TO-15	Total/NA
n-Hexane - DL	5.5	D	0.80	0.92	ppb v/v	4		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	51	D	2.0	0.68	ppb v/v	4		TO-15	Total/NA
Cyclohexane - DL	1.0	D	0.80	0.14	ppb v/v	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SV-01_20210428 (Continued)
Lab Sample ID: 200-58258-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,2,4-Trimethylpentane - DL	0.50	J D	0.80	0.14	ppb v/v	4		TO-15	Total/NA
Benzene - DL	2.5	D	0.80	0.30	ppb v/v	4		TO-15	Total/NA
n-Heptane - DL	3.5	D	0.80	0.24	ppb v/v	4		TO-15	Total/NA
Toluene - DL	3.0	D	0.80	0.37	ppb v/v	4		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone) - DL	2.6	D	2.0	0.80	ppb v/v	4		TO-15	Total/NA
Ethylbenzene - DL	1.4	D	0.80	0.40	ppb v/v	4		TO-15	Total/NA
m,p-Xylene - DL	4.7	D	2.0	0.68	ppb v/v	4		TO-15	Total/NA
o-Xylene - DL	1.9	D	0.80	0.38	ppb v/v	4		TO-15	Total/NA
Styrene - DL	0.14	J D	0.80	0.13	ppb v/v	4		TO-15	Total/NA
n-Propylbenzene - DL	0.47	J D	0.80	0.19	ppb v/v	4		TO-15	Total/NA
4-Ethyltoluene - DL	0.41	J D	0.80	0.20	ppb v/v	4		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	0.96	D	0.80	0.18	ppb v/v	4		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	2.4	D	0.80	0.19	ppb v/v	4		TO-15	Total/NA
4-Isopropyltoluene - DL	0.20	J D	0.80	0.16	ppb v/v	4		TO-15	Total/NA

Client Sample ID: SV-02_20210428
Lab Sample ID: 200-58258-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.88	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	0.65	J	1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	11		1.2	0.45	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	2.3		0.44	0.084	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.3		1.1	0.29	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.57	J	1.5	0.42	ug/m3	1		TO-15	Total/NA
Acetone	570	E	12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.7	J	12	2.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.7		1.6	0.40	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	6.2	J	15	3.6	ug/m3	1		TO-15	Total/NA
n-Hexane	5.1		0.70	0.81	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	130	E	1.5	0.50	ug/m3	1		TO-15	Total/NA
Chloroform	1.1		0.98	0.22	ug/m3	1		TO-15	Total/NA
Cyclohexane	2.0		0.69	0.12	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	8.7		0.93	0.16	ug/m3	1		TO-15	Total/NA
Benzene	1.6		0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	500	E	0.82	0.24	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	3.0		2.0	0.78	ug/m3	1		TO-15	Total/NA
Toluene	7.3		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.29	J	1.4	0.18	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	89		2.0	0.82	ug/m3	1		TO-15	Total/NA
Ethylbenzene	3.4		0.87	0.43	ug/m3	1		TO-15	Total/NA
m,p-Xylene	15		2.2	0.74	ug/m3	1		TO-15	Total/NA
o-Xylene	5.4		0.87	0.41	ug/m3	1		TO-15	Total/NA
Styrene	0.49	J	0.85	0.14	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	1.2		0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	1.8		0.98	0.25	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	2.0		0.98	0.22	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	6.4		0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	9.7		1.1	0.21	ug/m3	1		TO-15	Total/NA
n-Butane - DL	5.7	J D	12	4.5	ug/m3	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SV-02_20210428 (Continued)
Lab Sample ID: 200-58258-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone - DL	350	D	120	48	ug/m3	10		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	64	D	15	5.0	ug/m3	10		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	4.7	J D	9.3	1.6	ug/m3	10		TO-15	Total/NA
n-Heptane - DL	250	D	8.2	2.4	ug/m3	10		TO-15	Total/NA
Toluene - DL	5.7	J D	7.5	3.5	ug/m3	10		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone) - DL	38	D	20	8.2	ug/m3	10		TO-15	Total/NA
4-Isopropyltoluene - DL	4.1	J D	11	2.1	ug/m3	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.25	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.32	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	4.6		0.50	0.19	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	1.1		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.23		0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.074	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Acetone	240	E	5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.3	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.54		0.50	0.13	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	2.0	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	1.4		0.20	0.23	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	43	E	0.50	0.17	ppb v/v	1		TO-15	Total/NA
Chloroform	0.22		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.58		0.20	0.035	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.9		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	0.51		0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	120	E	0.20	0.059	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.72		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Toluene	1.9		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.042	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	22		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.78		0.20	0.10	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	3.5		0.50	0.17	ppb v/v	1		TO-15	Total/NA
o-Xylene	1.2		0.20	0.094	ppb v/v	1		TO-15	Total/NA
Styrene	0.11	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.24		0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.36		0.20	0.051	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.41		0.20	0.044	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.3		0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	1.8		0.20	0.039	ppb v/v	1		TO-15	Total/NA
n-Butane - DL	2.4	J D	5.0	1.9	ppb v/v	10		TO-15	Total/NA
Acetone - DL	150	D	50	20	ppb v/v	10		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	22	D	5.0	1.7	ppb v/v	10		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	1.0	J D	2.0	0.35	ppb v/v	10		TO-15	Total/NA
n-Heptane - DL	61	D	2.0	0.59	ppb v/v	10		TO-15	Total/NA
Toluene - DL	1.5	J D	2.0	0.93	ppb v/v	10		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone) - DL	9.2	D	5.0	2.0	ppb v/v	10		TO-15	Total/NA
4-Isopropyltoluene - DL	0.74	J D	2.0	0.39	ppb v/v	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 200-58258-1
Project/Site: Brookfield Commons - 159 South Lexington

Client Sample ID: SV-03_20210428
Lab Sample ID: 200-58258-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.86	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	0.41	J	1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	18		1.2	0.45	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	2.1		0.44	0.084	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.29	ug/m3	1		TO-15	Total/NA
Acetone	60		12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	3.6	J	12	2.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.5	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.60	J	1.7	0.59	ug/m3	1		TO-15	Total/NA
n-Hexane	6.9		0.70	0.81	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	640	E	1.5	0.50	ug/m3	1		TO-15	Total/NA
Chloroform	0.66	J	0.98	0.22	ug/m3	1		TO-15	Total/NA
Cyclohexane	2.0		0.69	0.12	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.9		0.93	0.16	ug/m3	1		TO-15	Total/NA
Benzene	3.2		0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	15		0.82	0.24	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.9		2.0	0.78	ug/m3	1		TO-15	Total/NA
Toluene	14		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	5.2		1.4	0.18	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	65		2.0	0.82	ug/m3	1		TO-15	Total/NA
Ethylbenzene	8.2		0.87	0.43	ug/m3	1		TO-15	Total/NA
m,p-Xylene	37		2.2	0.74	ug/m3	1		TO-15	Total/NA
o-Xylene	15		0.87	0.41	ug/m3	1		TO-15	Total/NA
Styrene	1.7		0.85	0.14	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	4.2		0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	5.2		0.98	0.25	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	6.7		0.98	0.22	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	20		0.98	0.23	ug/m3	1		TO-15	Total/NA
sec-Butylbenzene	1.4		1.1	0.21	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	1.1		1.1	0.21	ug/m3	1		TO-15	Total/NA
n-Butylbenzene	1.3		1.1	0.30	ug/m3	1		TO-15	Total/NA
n-Butane - DL	9.2	J D	12	4.5	ug/m3	10		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	330	D	15	5.0	ug/m3	10		TO-15	Total/NA
Benzene - DL	2.5	J D	6.4	2.4	ug/m3	10		TO-15	Total/NA
n-Heptane - DL	6.6	J D	8.2	2.4	ug/m3	10		TO-15	Total/NA
Toluene - DL	9.0	D	7.5	3.5	ug/m3	10		TO-15	Total/NA
Tetrachloroethene - DL	1.9	J D	14	1.8	ug/m3	10		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone) - DL	28	D	20	8.2	ug/m3	10		TO-15	Total/NA
Ethylbenzene - DL	6.8	J D	8.7	4.3	ug/m3	10		TO-15	Total/NA
m,p-Xylene - DL	20	J D	22	7.4	ug/m3	10		TO-15	Total/NA
o-Xylene - DL	10	D	8.7	4.1	ug/m3	10		TO-15	Total/NA
n-Propylbenzene - DL	2.5	J D	9.8	2.3	ug/m3	10		TO-15	Total/NA
4-Ethyltoluene - DL	2.8	J D	9.8	2.5	ug/m3	10		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	3.7	J D	9.8	2.2	ug/m3	10		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	11	D	9.8	2.3	ug/m3	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.42	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.24	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SV-03_20210428 (Continued)
Lab Sample ID: 200-58258-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.20	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	7.5		0.50	0.19	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.95		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Acetone	25		5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	1.5	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.47	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.17	J	0.50	0.17	ppb v/v	1		TO-15	Total/NA
n-Hexane	2.0		0.20	0.23	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	220	E	0.50	0.17	ppb v/v	1		TO-15	Total/NA
Chloroform	0.14	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.57		0.20	0.035	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.62		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	1.0		0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	3.7		0.20	0.059	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.72		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Toluene	3.6		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.76		0.20	0.027	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	16		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	1.9		0.20	0.10	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	8.6		0.50	0.17	ppb v/v	1		TO-15	Total/NA
o-Xylene	3.5		0.20	0.094	ppb v/v	1		TO-15	Total/NA
Styrene	0.39		0.20	0.032	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.85		0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	1.1		0.20	0.051	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.4		0.20	0.044	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	4.0		0.20	0.047	ppb v/v	1		TO-15	Total/NA
sec-Butylbenzene	0.25		0.20	0.039	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.20		0.20	0.039	ppb v/v	1		TO-15	Total/NA
n-Butylbenzene	0.23		0.20	0.055	ppb v/v	1		TO-15	Total/NA
n-Butane - DL	3.9	J D	5.0	1.9	ppb v/v	10		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	110	D	5.0	1.7	ppb v/v	10		TO-15	Total/NA
Benzene - DL	0.77	J D	2.0	0.74	ppb v/v	10		TO-15	Total/NA
n-Heptane - DL	1.6	J D	2.0	0.59	ppb v/v	10		TO-15	Total/NA
Toluene - DL	2.4	D	2.0	0.93	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene - DL	0.29	J D	2.0	0.27	ppb v/v	10		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone) - DL	6.7	D	5.0	2.0	ppb v/v	10		TO-15	Total/NA
Ethylbenzene - DL	1.6	J D	2.0	1.0	ppb v/v	10		TO-15	Total/NA
m,p-Xylene - DL	4.7	J D	5.0	1.7	ppb v/v	10		TO-15	Total/NA
o-Xylene - DL	2.3	D	2.0	0.94	ppb v/v	10		TO-15	Total/NA
n-Propylbenzene - DL	0.51	J D	2.0	0.47	ppb v/v	10		TO-15	Total/NA
4-Ethyltoluene - DL	0.56	J D	2.0	0.51	ppb v/v	10		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	0.75	J D	2.0	0.44	ppb v/v	10		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	2.2	D	2.0	0.47	ppb v/v	10		TO-15	Total/NA

Client Sample ID: SV-04_20210428
Lab Sample ID: 200-58258-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	48		24	9.0	ug/m3	20		TO-15	Total/NA
Acetone	840		240	95	ug/m3	20		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SV-04_20210428 (Continued)
Lab Sample ID: 200-58258-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	12	J	31	8.1	ug/m3	20		TO-15	Total/NA
n-Hexane	49		14	16	ug/m3	20		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	650		29	10	ug/m3	20		TO-15	Total/NA
Cyclohexane	51		14	2.4	ug/m3	20		TO-15	Total/NA
2,2,4-Trimethylpentane	23		19	3.3	ug/m3	20		TO-15	Total/NA
Benzene	23		13	4.7	ug/m3	20		TO-15	Total/NA
n-Heptane	150		16	4.8	ug/m3	20		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	26	J	41	16	ug/m3	20		TO-15	Total/NA
Toluene	560		15	7.0	ug/m3	20		TO-15	Total/NA
Tetrachloroethene	45		27	3.7	ug/m3	20		TO-15	Total/NA
Ethylbenzene	140		17	8.7	ug/m3	20		TO-15	Total/NA
m,p-Xylene	350		43	15	ug/m3	20		TO-15	Total/NA
o-Xylene	210		17	8.2	ug/m3	20		TO-15	Total/NA
Styrene	1500		17	2.7	ug/m3	20		TO-15	Total/NA
n-Propylbenzene	25		20	4.6	ug/m3	20		TO-15	Total/NA
4-Ethyltoluene	20		20	5.0	ug/m3	20		TO-15	Total/NA
1,3,5-Trimethylbenzene	34		20	4.3	ug/m3	20		TO-15	Total/NA
1,2,4-Trimethylbenzene	39		20	4.6	ug/m3	20		TO-15	Total/NA
sec-Butylbenzene	5.0	J	22	4.3	ug/m3	20		TO-15	Total/NA
4-Isopropyltoluene	5.3	J	22	4.3	ug/m3	20		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	20		10	3.8	ppb v/v	20		TO-15	Total/NA
Acetone	350		100	40	ppb v/v	20		TO-15	Total/NA
Carbon disulfide	3.8	J	10	2.6	ppb v/v	20		TO-15	Total/NA
n-Hexane	14		4.0	4.6	ppb v/v	20		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	220		10	3.4	ppb v/v	20		TO-15	Total/NA
Cyclohexane	15		4.0	0.70	ppb v/v	20		TO-15	Total/NA
2,2,4-Trimethylpentane	4.8		4.0	0.70	ppb v/v	20		TO-15	Total/NA
Benzene	7.2		4.0	1.5	ppb v/v	20		TO-15	Total/NA
n-Heptane	38		4.0	1.2	ppb v/v	20		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	6.4	J	10	3.8	ppb v/v	20		TO-15	Total/NA
Toluene	150		4.0	1.9	ppb v/v	20		TO-15	Total/NA
Tetrachloroethene	6.6		4.0	0.54	ppb v/v	20		TO-15	Total/NA
Ethylbenzene	32		4.0	2.0	ppb v/v	20		TO-15	Total/NA
m,p-Xylene	81		10	3.4	ppb v/v	20		TO-15	Total/NA
o-Xylene	48		4.0	1.9	ppb v/v	20		TO-15	Total/NA
Styrene	360		4.0	0.64	ppb v/v	20		TO-15	Total/NA
n-Propylbenzene	5.0		4.0	0.94	ppb v/v	20		TO-15	Total/NA
4-Ethyltoluene	4.0		4.0	1.0	ppb v/v	20		TO-15	Total/NA
1,3,5-Trimethylbenzene	6.9		4.0	0.88	ppb v/v	20		TO-15	Total/NA
1,2,4-Trimethylbenzene	7.9		4.0	0.94	ppb v/v	20		TO-15	Total/NA
sec-Butylbenzene	0.91	J	4.0	0.78	ppb v/v	20		TO-15	Total/NA
4-Isopropyltoluene	0.96	J	4.0	0.78	ppb v/v	20		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AA-01_20210428
Lab Sample ID: 200-58258-1

Date Collected: 04/28/21 10:56
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.5**		2.5	0.54	ug/m3			04/30/21 22:43	1
Chlorodifluoromethane	**1.5**	**J**	1.8	0.39	ug/m3			04/30/21 22:43	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			04/30/21 22:43	1
Chloromethane	**1.6**		1.0	0.25	ug/m3			04/30/21 22:43	1
n-Butane	**8.4**		1.2	0.45	ug/m3			04/30/21 22:43	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			04/30/21 22:43	1
1,3-Butadiene	0.44	U	0.44	0.084	ug/m3			04/30/21 22:43	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			04/30/21 22:43	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			04/30/21 22:43	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			04/30/21 22:43	1
Trichlorofluoromethane	**1.6**		1.1	0.29	ug/m3			04/30/21 22:43	1
1,1,2-Trichlorotrifluoroethane	**0.56**	**J**	1.5	0.42	ug/m3			04/30/21 22:43	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			04/30/21 22:43	1
Acetone	**13**		12	4.8	ug/m3			04/30/21 22:43	1
Isopropyl alcohol	**7.6**	**J**	12	2.4	ug/m3			04/30/21 22:43	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			04/30/21 22:43	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			04/30/21 22:43	1
Methylene Chloride	**0.66**	**J**	1.7	0.59	ug/m3			04/30/21 22:43	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/30/21 22:43	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			04/30/21 22:43	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			04/30/21 22:43	1
n-Hexane	**2.4**		0.70	0.81	ug/m3			04/30/21 22:43	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			04/30/21 22:43	1
Methyl Ethyl Ketone (2-Butanone)	**1.4**	**J**	1.5	0.50	ug/m3			04/30/21 22:43	1
cis-1,2-Dichloroethene	**0.39**		0.20	0.13	ug/m3			04/30/21 22:43	1
Chloroform	0.98	U	0.98	0.22	ug/m3			04/30/21 22:43	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			04/30/21 22:43	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			04/30/21 22:43	1
Cyclohexane	**2.9**		0.69	0.12	ug/m3			04/30/21 22:43	1
Carbon tetrachloride	**0.49**		0.22	0.20	ug/m3			04/30/21 22:43	1
2,2,4-Trimethylpentane	**1.8**		0.93	0.16	ug/m3			04/30/21 22:43	1
Benzene	**1.1**		0.64	0.24	ug/m3			04/30/21 22:43	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			04/30/21 22:43	1
n-Heptane	**1.1**		0.82	0.24	ug/m3			04/30/21 22:43	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/30/21 22:43	1
Methyl methacrylate	**60**		2.0	0.66	ug/m3			04/30/21 22:43	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			04/30/21 22:43	1
1,4-Dioxane	18	U	18	6.1	ug/m3			04/30/21 22:43	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			04/30/21 22:43	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			04/30/21 22:43	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			04/30/21 22:43	1
Toluene	**7.0**		0.75	0.35	ug/m3			04/30/21 22:43	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			04/30/21 22:43	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			04/30/21 22:43	1
Tetrachloroethene	**0.42**	**J**	1.4	0.18	ug/m3			04/30/21 22:43	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			04/30/21 22:43	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			04/30/21 22:43	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			04/30/21 22:43	1

Client Sample ID: AA-01_20210428
Lab Sample ID: 200-58258-1

Date Collected: 04/28/21 10:56
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/30/21 22:43	1
Ethylbenzene	**0.54**	**J**	0.87	0.43	ug/m3			04/30/21 22:43	1
m,p-Xylene	**1.8**	**J**	2.2	0.74	ug/m3			04/30/21 22:43	1
o-Xylene	**0.57**	**J**	0.87	0.41	ug/m3			04/30/21 22:43	1
Styrene	0.85	U	0.85	0.14	ug/m3			04/30/21 22:43	1
Bromoform	2.1	U	2.1	0.60	ug/m3			04/30/21 22:43	1
Cumene	0.98	U	0.98	0.18	ug/m3			04/30/21 22:43	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/30/21 22:43	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			04/30/21 22:43	1
4-Ethyltoluene	0.98	U	0.98	0.25	ug/m3			04/30/21 22:43	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			04/30/21 22:43	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			04/30/21 22:43	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			04/30/21 22:43	1
1,2,4-Trimethylbenzene	**0.47**	**J**	0.98	0.23	ug/m3			04/30/21 22:43	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			04/30/21 22:43	1
4-Isopropyltoluene	1.1	U	1.1	0.21	ug/m3			04/30/21 22:43	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/30/21 22:43	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			04/30/21 22:43	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			04/30/21 22:43	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			04/30/21 22:43	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			04/30/21 22:43	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			04/30/21 22:43	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			04/30/21 22:43	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			04/30/21 22:43	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.52**		0.50	0.11	ppb v/v			04/30/21 22:43	1
Chlorodifluoromethane	**0.42**	**J**	0.50	0.11	ppb v/v			04/30/21 22:43	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			04/30/21 22:43	1
Chloromethane	**0.79**		0.50	0.12	ppb v/v			04/30/21 22:43	1
n-Butane	**3.5**		0.50	0.19	ppb v/v			04/30/21 22:43	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			04/30/21 22:43	1
1,3-Butadiene	0.20	U	0.20	0.038	ppb v/v			04/30/21 22:43	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			04/30/21 22:43	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			04/30/21 22:43	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			04/30/21 22:43	1
Trichlorofluoromethane	**0.29**		0.20	0.052	ppb v/v			04/30/21 22:43	1
1,1,2-Trichlorotrifluoroethane	**0.073**	**J**	0.20	0.055	ppb v/v			04/30/21 22:43	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			04/30/21 22:43	1
Acetone	**5.4**		5.0	2.0	ppb v/v			04/30/21 22:43	1
Isopropyl alcohol	**3.1**	**J**	5.0	0.98	ppb v/v			04/30/21 22:43	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			04/30/21 22:43	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			04/30/21 22:43	1
Methylene Chloride	**0.19**	**J**	0.50	0.17	ppb v/v			04/30/21 22:43	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			04/30/21 22:43	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			04/30/21 22:43	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			04/30/21 22:43	1
n-Hexane	**0.67**		0.20	0.23	ppb v/v			04/30/21 22:43	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			04/30/21 22:43	1

Client Sample ID: AA-01_20210428
Lab Sample ID: 200-58258-1

Date Collected: 04/28/21 10:56
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**0.49**	**J**	0.50	0.17	ppb v/v			04/30/21 22:43	1
cis-1,2-Dichloroethene	**0.097**		0.050	0.033	ppb v/v			04/30/21 22:43	1
Chloroform	0.20	U	0.20	0.046	ppb v/v			04/30/21 22:43	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			04/30/21 22:43	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			04/30/21 22:43	1
Cyclohexane	**0.83**		0.20	0.035	ppb v/v			04/30/21 22:43	1
Carbon tetrachloride	**0.077**		0.035	0.032	ppb v/v			04/30/21 22:43	1
2,2,4-Trimethylpentane	**0.39**		0.20	0.035	ppb v/v			04/30/21 22:43	1
Benzene	**0.35**		0.20	0.074	ppb v/v			04/30/21 22:43	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			04/30/21 22:43	1
n-Heptane	**0.27**		0.20	0.059	ppb v/v			04/30/21 22:43	1
Trichloroethene	0.037	U	0.037	0.024	ppb v/v			04/30/21 22:43	1
Methyl methacrylate	**15**		0.50	0.16	ppb v/v			04/30/21 22:43	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			04/30/21 22:43	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			04/30/21 22:43	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			04/30/21 22:43	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			04/30/21 22:43	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			04/30/21 22:43	1
Toluene	**1.9**		0.20	0.093	ppb v/v			04/30/21 22:43	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			04/30/21 22:43	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			04/30/21 22:43	1
Tetrachloroethene	**0.061**	**J**	0.20	0.027	ppb v/v			04/30/21 22:43	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			04/30/21 22:43	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			04/30/21 22:43	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			04/30/21 22:43	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			04/30/21 22:43	1
Ethylbenzene	**0.12**	**J**	0.20	0.10	ppb v/v			04/30/21 22:43	1
m,p-Xylene	**0.41**	**J**	0.50	0.17	ppb v/v			04/30/21 22:43	1
o-Xylene	**0.13**	**J**	0.20	0.094	ppb v/v			04/30/21 22:43	1
Styrene	0.20	U	0.20	0.032	ppb v/v			04/30/21 22:43	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			04/30/21 22:43	1
Cumene	0.20	U	0.20	0.037	ppb v/v			04/30/21 22:43	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			04/30/21 22:43	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			04/30/21 22:43	1
4-Ethyltoluene	0.20	U	0.20	0.051	ppb v/v			04/30/21 22:43	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			04/30/21 22:43	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			04/30/21 22:43	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			04/30/21 22:43	1
1,2,4-Trimethylbenzene	**0.096**	**J**	0.20	0.047	ppb v/v			04/30/21 22:43	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			04/30/21 22:43	1
4-Isopropyltoluene	0.20	U	0.20	0.039	ppb v/v			04/30/21 22:43	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			04/30/21 22:43	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			04/30/21 22:43	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			04/30/21 22:43	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			04/30/21 22:43	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			04/30/21 22:43	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			04/30/21 22:43	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			04/30/21 22:43	1

Client Sample ID: AA-01_20210428
Lab Sample ID: 200-58258-1

Date Collected: 04/28/21 10:56
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.50	U	0.50	0.17	ppb v/v			04/30/21 22:43	1

Client Sample ID: SV-01_20210428
Lab Sample ID: 200-58258-2

Date Collected: 04/28/21 12:52
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			04/30/21 23:36	1
Chlorodifluoromethane	**1.2**	**J**	1.8	0.39	ug/m3			04/30/21 23:36	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			04/30/21 23:36	1
Chloromethane	1.0	U	1.0	0.25	ug/m3			04/30/21 23:36	1
n-Butane	**89**		1.2	0.45	ug/m3			04/30/21 23:36	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			04/30/21 23:36	1
1,3-Butadiene	**9.0**		0.44	0.084	ug/m3			04/30/21 23:36	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			04/30/21 23:36	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			04/30/21 23:36	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			04/30/21 23:36	1
Trichlorofluoromethane	**1.7**		1.1	0.29	ug/m3			04/30/21 23:36	1
1,1,2-Trichlorotrifluoroethane	**0.63**	**J**	1.5	0.42	ug/m3			04/30/21 23:36	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			04/30/21 23:36	1
Acetone	**58**		12	4.8	ug/m3			04/30/21 23:36	1
Isopropyl alcohol	**3.7**	**J**	12	2.4	ug/m3			04/30/21 23:36	1
Carbon disulfide	**10**		1.6	0.40	ug/m3			04/30/21 23:36	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			04/30/21 23:36	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			04/30/21 23:36	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/30/21 23:36	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			04/30/21 23:36	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			04/30/21 23:36	1
n-Hexane	**27**		0.70	0.81	ug/m3			04/30/21 23:36	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			04/30/21 23:36	1
Methyl Ethyl Ketone (2-Butanone)	**240**	**E**	1.5	0.50	ug/m3			04/30/21 23:36	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			04/30/21 23:36	1
Chloroform	**0.39**	**J**	0.98	0.22	ug/m3			04/30/21 23:36	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			04/30/21 23:36	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			04/30/21 23:36	1
Cyclohexane	**5.5**		0.69	0.12	ug/m3			04/30/21 23:36	1
Carbon tetrachloride	**0.45**		0.22	0.20	ug/m3			04/30/21 23:36	1
2,2,4-Trimethylpentane	**3.7**		0.93	0.16	ug/m3			04/30/21 23:36	1
Benzene	**11**		0.64	0.24	ug/m3			04/30/21 23:36	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			04/30/21 23:36	1
n-Heptane	**25**		0.82	0.24	ug/m3			04/30/21 23:36	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/30/21 23:36	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			04/30/21 23:36	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			04/30/21 23:36	1
1,4-Dioxane	18	U	18	6.1	ug/m3			04/30/21 23:36	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			04/30/21 23:36	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			04/30/21 23:36	1

Client Sample ID: SV-01_20210428
Lab Sample ID: 200-58258-2

Date Collected: 04/28/21 12:52
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**3.3**		2.0	0.78	ug/m3			04/30/21 23:36	1
Toluene	**18**		0.75	0.35	ug/m3			04/30/21 23:36	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			04/30/21 23:36	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			04/30/21 23:36	1
Tetrachloroethene	**0.50**	**J**	1.4	0.18	ug/m3			04/30/21 23:36	1
Methyl Butyl Ketone (2-Hexanone)	**24**		2.0	0.82	ug/m3			04/30/21 23:36	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			04/30/21 23:36	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			04/30/21 23:36	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/30/21 23:36	1
Ethylbenzene	**8.5**		0.87	0.43	ug/m3			04/30/21 23:36	1
m,p-Xylene	**34**		2.2	0.74	ug/m3			04/30/21 23:36	1
o-Xylene	**13**		0.87	0.41	ug/m3			04/30/21 23:36	1
Styrene	**1.3**		0.85	0.14	ug/m3			04/30/21 23:36	1
Bromoform	2.1	U	2.1	0.60	ug/m3			04/30/21 23:36	1
Cumene	0.98	U	0.98	0.18	ug/m3			04/30/21 23:36	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/30/21 23:36	1
n-Propylbenzene	**3.9**		0.98	0.23	ug/m3			04/30/21 23:36	1
4-Ethyltoluene	**4.6**		0.98	0.25	ug/m3			04/30/21 23:36	1
1,3,5-Trimethylbenzene	**7.4**		0.98	0.22	ug/m3			04/30/21 23:36	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			04/30/21 23:36	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			04/30/21 23:36	1
1,2,4-Trimethylbenzene	**20**		0.98	0.23	ug/m3			04/30/21 23:36	1
sec-Butylbenzene	**1.5**		1.1	0.21	ug/m3			04/30/21 23:36	1
4-Isopropyltoluene	**2.4**		1.1	0.21	ug/m3			04/30/21 23:36	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/30/21 23:36	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			04/30/21 23:36	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			04/30/21 23:36	1
n-Butylbenzene	**1.1**		1.1	0.30	ug/m3			04/30/21 23:36	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			04/30/21 23:36	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			04/30/21 23:36	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			04/30/21 23:36	1
Naphthalene	**0.94**	**J**	2.6	0.89	ug/m3			04/30/21 23:36	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.46**	**J**	0.50	0.11	ppb v/v			04/30/21 23:36	1
Chlorodifluoromethane	**0.33**	**J**	0.50	0.11	ppb v/v			04/30/21 23:36	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			04/30/21 23:36	1
Chloromethane	0.50	U	0.50	0.12	ppb v/v			04/30/21 23:36	1
n-Butane	**38**		0.50	0.19	ppb v/v			04/30/21 23:36	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			04/30/21 23:36	1
1,3-Butadiene	**4.1**		0.20	0.038	ppb v/v			04/30/21 23:36	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			04/30/21 23:36	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			04/30/21 23:36	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			04/30/21 23:36	1
Trichlorofluoromethane	**0.31**		0.20	0.052	ppb v/v			04/30/21 23:36	1
1,1,2-Trichlorotrifluoroethane	**0.083**	**J**	0.20	0.055	ppb v/v			04/30/21 23:36	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			04/30/21 23:36	1
Acetone	**24**		5.0	2.0	ppb v/v			04/30/21 23:36	1

Client Sample ID: SV-01_20210428
Lab Sample ID: 200-58258-2

Date Collected: 04/28/21 12:52
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	**1.5**	**J**	5.0	0.98	ppb v/v			04/30/21 23:36	1
Carbon disulfide	**3.3**		0.50	0.13	ppb v/v			04/30/21 23:36	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			04/30/21 23:36	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			04/30/21 23:36	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			04/30/21 23:36	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			04/30/21 23:36	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			04/30/21 23:36	1
n-Hexane	**7.6**		0.20	0.23	ppb v/v			04/30/21 23:36	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			04/30/21 23:36	1
Methyl Ethyl Ketone (2-Butanone)	**80**	**E**	0.50	0.17	ppb v/v			04/30/21 23:36	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			04/30/21 23:36	1
Chloroform	**0.079**	**J**	0.20	0.046	ppb v/v			04/30/21 23:36	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			04/30/21 23:36	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			04/30/21 23:36	1
Cyclohexane	**1.6**		0.20	0.035	ppb v/v			04/30/21 23:36	1
Carbon tetrachloride	**0.072**		0.035	0.032	ppb v/v			04/30/21 23:36	1
2,2,4-Trimethylpentane	**0.80**		0.20	0.035	ppb v/v			04/30/21 23:36	1
Benzene	**3.6**		0.20	0.074	ppb v/v			04/30/21 23:36	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			04/30/21 23:36	1
n-Heptane	**6.1**		0.20	0.059	ppb v/v			04/30/21 23:36	1
Trichloroethene	0.037	U	0.037	0.024	ppb v/v			04/30/21 23:36	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			04/30/21 23:36	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			04/30/21 23:36	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			04/30/21 23:36	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			04/30/21 23:36	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			04/30/21 23:36	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.79**		0.50	0.19	ppb v/v			04/30/21 23:36	1
Toluene	**4.7**		0.20	0.093	ppb v/v			04/30/21 23:36	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			04/30/21 23:36	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			04/30/21 23:36	1
Tetrachloroethene	**0.074**	**J**	0.20	0.027	ppb v/v			04/30/21 23:36	1
Methyl Butyl Ketone (2-Hexanone)	**5.8**		0.50	0.20	ppb v/v			04/30/21 23:36	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			04/30/21 23:36	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			04/30/21 23:36	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			04/30/21 23:36	1
Ethylbenzene	**2.0**		0.20	0.10	ppb v/v			04/30/21 23:36	1
m,p-Xylene	**7.8**		0.50	0.17	ppb v/v			04/30/21 23:36	1
o-Xylene	**3.1**		0.20	0.094	ppb v/v			04/30/21 23:36	1
Styrene	**0.31**		0.20	0.032	ppb v/v			04/30/21 23:36	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			04/30/21 23:36	1
Cumene	0.20	U	0.20	0.037	ppb v/v			04/30/21 23:36	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			04/30/21 23:36	1
n-Propylbenzene	**0.80**		0.20	0.047	ppb v/v			04/30/21 23:36	1
4-Ethyltoluene	**0.94**		0.20	0.051	ppb v/v			04/30/21 23:36	1
1,3,5-Trimethylbenzene	**1.5**		0.20	0.044	ppb v/v			04/30/21 23:36	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			04/30/21 23:36	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			04/30/21 23:36	1
1,2,4-Trimethylbenzene	**4.1**		0.20	0.047	ppb v/v			04/30/21 23:36	1

Client Sample ID: SV-01_20210428
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Date Collected: 04/28/21 12:52
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	**0.28**		0.20	0.039	ppb v/v			04/30/21 23:36	1
4-Isopropyltoluene	**0.44**		0.20	0.039	ppb v/v			04/30/21 23:36	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			04/30/21 23:36	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			04/30/21 23:36	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			04/30/21 23:36	1
n-Butylbenzene	**0.21**		0.20	0.055	ppb v/v			04/30/21 23:36	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			04/30/21 23:36	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			04/30/21 23:36	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			04/30/21 23:36	1
Naphthalene	**0.18**	**J**	0.50	0.17	ppb v/v			04/30/21 23:36	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.5**	**J D**	9.9	2.2	ug/m3			05/03/21 14:39	4
Chlorodifluoromethane	7.1	U	7.1	1.6	ug/m3			05/03/21 14:39	4
1,2-Dichlorotetrafluoroethane	5.6	U	5.6	1.5	ug/m3			05/03/21 14:39	4
Chloromethane	4.1	U	4.1	0.99	ug/m3			05/03/21 14:39	4
n-Butane	**65**	**D**	4.8	1.8	ug/m3			05/03/21 14:39	4
Vinyl chloride	0.80	U	0.80	0.29	ug/m3			05/03/21 14:39	4
1,3-Butadiene	**5.9**	**D**	1.8	0.34	ug/m3			05/03/21 14:39	4
Bromomethane	3.1	U	3.1	0.81	ug/m3			05/03/21 14:39	4
Chloroethane	5.3	U	5.3	2.6	ug/m3			05/03/21 14:39	4
Bromoethene(Vinyl Bromide)	3.5	U	3.5	1.5	ug/m3			05/03/21 14:39	4
Trichlorofluoromethane	**1.2**	**J D**	4.5	1.2	ug/m3			05/03/21 14:39	4
1,1,2-Trichlorotrifluoroethane	6.1	U	6.1	1.7	ug/m3			05/03/21 14:39	4
1,1-Dichloroethene	0.80	U	0.80	0.46	ug/m3			05/03/21 14:39	4
Acetone	**46**	**J D**	48	19	ug/m3			05/03/21 14:39	4
Isopropyl alcohol	49	U	49	9.6	ug/m3			05/03/21 14:39	4
Carbon disulfide	**7.9**	**D**	6.2	1.6	ug/m3			05/03/21 14:39	4
3-Chloropropene	6.3	U	6.3	1.4	ug/m3			05/03/21 14:39	4
Methylene Chloride	6.9	U	6.9	2.4	ug/m3			05/03/21 14:39	4
tert-Butyl alcohol	61	U	61	15	ug/m3			05/03/21 14:39	4
Methyl tert-butyl ether	2.9	U	2.9	1.2	ug/m3			05/03/21 14:39	4
trans-1,2-Dichloroethene	3.2	U	3.2	1.4	ug/m3			05/03/21 14:39	4
n-Hexane	**19**	**D**	2.8	3.2	ug/m3			05/03/21 14:39	4
1,1-Dichloroethane	3.2	U	3.2	0.47	ug/m3			05/03/21 14:39	4
Methyl Ethyl Ketone (2-Butanone)	**150**	**D**	5.9	2.0	ug/m3			05/03/21 14:39	4
cis-1,2-Dichloroethene	0.80	U	0.80	0.52	ug/m3			05/03/21 14:39	4
Chloroform	3.9	U	3.9	0.90	ug/m3			05/03/21 14:39	4
Tetrahydrofuran	59	U	59	14	ug/m3			05/03/21 14:39	4
1,1,1-Trichloroethane	4.4	U	4.4	0.85	ug/m3			05/03/21 14:39	4
Cyclohexane	**3.4**	**D**	2.8	0.48	ug/m3			05/03/21 14:39	4
Carbon tetrachloride	0.88	U	0.88	0.81	ug/m3			05/03/21 14:39	4
2,2,4-Trimethylpentane	**2.3**	**J D**	3.7	0.65	ug/m3			05/03/21 14:39	4
Benzene	**8.0**	**D**	2.6	0.95	ug/m3			05/03/21 14:39	4
1,2-Dichloroethane	3.2	U	3.2	2.4	ug/m3			05/03/21 14:39	4
n-Heptane	**14**	**D**	3.3	0.97	ug/m3			05/03/21 14:39	4
Trichloroethene	0.80	U	0.80	0.52	ug/m3			05/03/21 14:39	4
Methyl methacrylate	8.2	U	8.2	2.6	ug/m3			05/03/21 14:39	4

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Lab Sample ID: 200-58258-2

Date Collected: 04/28/21 12:52
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	3.7	U	3.7	1.6	ug/m3			05/03/21 14:39	4
1,4-Dioxane	72	U	72	25	ug/m3			05/03/21 14:39	4
Bromodichloromethane	5.4	U	5.4	1.1	ug/m3			05/03/21 14:39	4
cis-1,3-Dichloropropene	3.6	U	3.6	0.36	ug/m3			05/03/21 14:39	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	8.2	U	8.2	3.1	ug/m3			05/03/21 14:39	4
Toluene	**11**	**D**	3.0	1.4	ug/m3			05/03/21 14:39	4
trans-1,3-Dichloropropene	3.6	U	3.6	1.6	ug/m3			05/03/21 14:39	4
1,1,2-Trichloroethane	4.4	U	4.4	0.74	ug/m3			05/03/21 14:39	4
Tetrachloroethene	5.4	U	5.4	0.73	ug/m3			05/03/21 14:39	4
Methyl Butyl Ketone (2-Hexanone)	**11**	**D**	8.2	3.3	ug/m3			05/03/21 14:39	4
Dibromochloromethane	6.8	U	6.8	1.1	ug/m3			05/03/21 14:39	4
1,2-Dibromoethane	6.1	U	6.1	1.4	ug/m3			05/03/21 14:39	4
Chlorobenzene	3.7	U	3.7	0.79	ug/m3			05/03/21 14:39	4
Ethylbenzene	**5.9**	**D**	3.5	1.7	ug/m3			05/03/21 14:39	4
m,p-Xylene	**20**	**D**	8.7	3.0	ug/m3			05/03/21 14:39	4
o-Xylene	**8.4**	**D**	3.5	1.6	ug/m3			05/03/21 14:39	4
Styrene	**0.58**	**J D**	3.4	0.55	ug/m3			05/03/21 14:39	4
Bromoform	8.3	U	8.3	2.4	ug/m3			05/03/21 14:39	4
Cumene	3.9	U	3.9	0.73	ug/m3			05/03/21 14:39	4
1,1,2,2-Tetrachloroethane	5.5	U	5.5	1.2	ug/m3			05/03/21 14:39	4
n-Propylbenzene	**2.3**	**J D**	3.9	0.92	ug/m3			05/03/21 14:39	4
4-Ethyltoluene	**2.0**	**J D**	3.9	1.0	ug/m3			05/03/21 14:39	4
1,3,5-Trimethylbenzene	**4.7**	**D**	3.9	0.87	ug/m3			05/03/21 14:39	4
2-Chlorotoluene	4.1	U	4.1	0.99	ug/m3			05/03/21 14:39	4
tert-Butylbenzene	4.4	U	4.4	0.81	ug/m3			05/03/21 14:39	4
1,2,4-Trimethylbenzene	**12**	**D**	3.9	0.92	ug/m3			05/03/21 14:39	4
sec-Butylbenzene	4.4	U	4.4	0.86	ug/m3			05/03/21 14:39	4
4-Isopropyltoluene	**1.1**	**J D**	4.4	0.86	ug/m3			05/03/21 14:39	4
1,3-Dichlorobenzene	4.8	U	4.8	2.1	ug/m3			05/03/21 14:39	4
1,4-Dichlorobenzene	4.8	U	4.8	2.3	ug/m3			05/03/21 14:39	4
Benzyl chloride	4.1	U	4.1	1.5	ug/m3			05/03/21 14:39	4
n-Butylbenzene	4.4	U	4.4	1.2	ug/m3			05/03/21 14:39	4
1,2-Dichlorobenzene	4.8	U	4.8	1.7	ug/m3			05/03/21 14:39	4
1,2,4-Trichlorobenzene	15	U	15	5.6	ug/m3			05/03/21 14:39	4
Hexachlorobutadiene	8.5	U	8.5	1.3	ug/m3			05/03/21 14:39	4
Naphthalene	10	U	10	3.6	ug/m3			05/03/21 14:39	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.51**	**J D**	2.0	0.44	ppb v/v			05/03/21 14:39	4
Chlorodifluoromethane	2.0	U	2.0	0.44	ppb v/v			05/03/21 14:39	4
1,2-Dichlorotetrafluoroethane	0.80	U	0.80	0.22	ppb v/v			05/03/21 14:39	4
Chloromethane	2.0	U	2.0	0.48	ppb v/v			05/03/21 14:39	4
n-Butane	**27**	**D**	2.0	0.76	ppb v/v			05/03/21 14:39	4
Vinyl chloride	0.31	U	0.31	0.11	ppb v/v			05/03/21 14:39	4
1,3-Butadiene	**2.7**	**D**	0.80	0.15	ppb v/v			05/03/21 14:39	4
Bromomethane	0.80	U	0.80	0.21	ppb v/v			05/03/21 14:39	4
Chloroethane	2.0	U	2.0	1.0	ppb v/v			05/03/21 14:39	4
Bromoethene(Vinyl Bromide)	0.80	U	0.80	0.34	ppb v/v			05/03/21 14:39	4

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Date Collected: 04/28/21 12:52
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	**0.22**	**J D**	0.80	0.21	ppb v/v			05/03/21 14:39	4
1,1,2-Trichlorotrifluoroethane	0.80	U	0.80	0.22	ppb v/v			05/03/21 14:39	4
1,1-Dichloroethene	0.20	U	0.20	0.12	ppb v/v			05/03/21 14:39	4
Acetone	**19**	**J D**	20	8.0	ppb v/v			05/03/21 14:39	4
Isopropyl alcohol	20	U	20	3.9	ppb v/v			05/03/21 14:39	4
Carbon disulfide	**2.6**	**D**	2.0	0.52	ppb v/v			05/03/21 14:39	4
3-Chloropropene	2.0	U	2.0	0.44	ppb v/v			05/03/21 14:39	4
Methylene Chloride	2.0	U	2.0	0.68	ppb v/v			05/03/21 14:39	4
tert-Butyl alcohol	20	U	20	4.8	ppb v/v			05/03/21 14:39	4
Methyl tert-butyl ether	0.80	U	0.80	0.32	ppb v/v			05/03/21 14:39	4
trans-1,2-Dichloroethene	0.80	U	0.80	0.35	ppb v/v			05/03/21 14:39	4
n-Hexane	**5.5**	**D**	0.80	0.92	ppb v/v			05/03/21 14:39	4
1,1-Dichloroethane	0.80	U	0.80	0.12	ppb v/v			05/03/21 14:39	4
Methyl Ethyl Ketone (2-Butanone)	**51**	**D**	2.0	0.68	ppb v/v			05/03/21 14:39	4
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ppb v/v			05/03/21 14:39	4
Chloroform	0.80	U	0.80	0.18	ppb v/v			05/03/21 14:39	4
Tetrahydrofuran	20	U	20	4.8	ppb v/v			05/03/21 14:39	4
1,1,1-Trichloroethane	0.80	U	0.80	0.16	ppb v/v			05/03/21 14:39	4
Cyclohexane	**1.0**	**D**	0.80	0.14	ppb v/v			05/03/21 14:39	4
Carbon tetrachloride	0.14	U	0.14	0.13	ppb v/v			05/03/21 14:39	4
2,2,4-Trimethylpentane	**0.50**	**J D**	0.80	0.14	ppb v/v			05/03/21 14:39	4
Benzene	**2.5**	**D**	0.80	0.30	ppb v/v			05/03/21 14:39	4
1,2-Dichloroethane	0.80	U	0.80	0.60	ppb v/v			05/03/21 14:39	4
n-Heptane	**3.5**	**D**	0.80	0.24	ppb v/v			05/03/21 14:39	4
Trichloroethene	0.15	U	0.15	0.096	ppb v/v			05/03/21 14:39	4
Methyl methacrylate	2.0	U	2.0	0.64	ppb v/v			05/03/21 14:39	4
1,2-Dichloropropane	0.80	U	0.80	0.35	ppb v/v			05/03/21 14:39	4
1,4-Dioxane	20	U	20	6.8	ppb v/v			05/03/21 14:39	4
Bromodichloromethane	0.80	U	0.80	0.16	ppb v/v			05/03/21 14:39	4
cis-1,3-Dichloropropene	0.80	U	0.80	0.080	ppb v/v			05/03/21 14:39	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.76	ppb v/v			05/03/21 14:39	4
Toluene	**3.0**	**D**	0.80	0.37	ppb v/v			05/03/21 14:39	4
trans-1,3-Dichloropropene	0.80	U	0.80	0.36	ppb v/v			05/03/21 14:39	4
1,1,2-Trichloroethane	0.80	U	0.80	0.14	ppb v/v			05/03/21 14:39	4
Tetrachloroethene	0.80	U	0.80	0.11	ppb v/v			05/03/21 14:39	4
Methyl Butyl Ketone (2-Hexanone)	**2.6**	**D**	2.0	0.80	ppb v/v			05/03/21 14:39	4
Dibromochloromethane	0.80	U	0.80	0.12	ppb v/v			05/03/21 14:39	4
1,2-Dibromoethane	0.80	U	0.80	0.18	ppb v/v			05/03/21 14:39	4
Chlorobenzene	0.80	U	0.80	0.17	ppb v/v			05/03/21 14:39	4
Ethylbenzene	**1.4**	**D**	0.80	0.40	ppb v/v			05/03/21 14:39	4
m,p-Xylene	**4.7**	**D**	2.0	0.68	ppb v/v			05/03/21 14:39	4
o-Xylene	**1.9**	**D**	0.80	0.38	ppb v/v			05/03/21 14:39	4
Styrene	**0.14**	**J D**	0.80	0.13	ppb v/v			05/03/21 14:39	4
Bromoform	0.80	U	0.80	0.23	ppb v/v			05/03/21 14:39	4
Cumene	0.80	U	0.80	0.15	ppb v/v			05/03/21 14:39	4
1,1,2,2-Tetrachloroethane	0.80	U	0.80	0.17	ppb v/v			05/03/21 14:39	4
n-Propylbenzene	**0.47**	**J D**	0.80	0.19	ppb v/v			05/03/21 14:39	4
4-Ethyltoluene	**0.41**	**J D**	0.80	0.20	ppb v/v			05/03/21 14:39	4

Client Sample ID: SV-01_20210428
Lab Sample ID: 200-58258-2
Date Collected: 04/28/21 12:52
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	**0.96**	**D**	0.80	0.18	ppb v/v			05/03/21 14:39	4
2-Chlorotoluene	0.80	U	0.80	0.19	ppb v/v			05/03/21 14:39	4
tert-Butylbenzene	0.80	U	0.80	0.15	ppb v/v			05/03/21 14:39	4
1,2,4-Trimethylbenzene	**2.4**	**D**	0.80	0.19	ppb v/v			05/03/21 14:39	4
sec-Butylbenzene	0.80	U	0.80	0.16	ppb v/v			05/03/21 14:39	4
4-Isopropyltoluene	**0.20**	**J D**	0.80	0.16	ppb v/v			05/03/21 14:39	4
1,3-Dichlorobenzene	0.80	U	0.80	0.36	ppb v/v			05/03/21 14:39	4
1,4-Dichlorobenzene	0.80	U	0.80	0.38	ppb v/v			05/03/21 14:39	4
Benzyl chloride	0.80	U	0.80	0.30	ppb v/v			05/03/21 14:39	4
n-Butylbenzene	0.80	U	0.80	0.22	ppb v/v			05/03/21 14:39	4
1,2-Dichlorobenzene	0.80	U	0.80	0.28	ppb v/v			05/03/21 14:39	4
1,2,4-Trichlorobenzene	2.0	U	2.0	0.76	ppb v/v			05/03/21 14:39	4
Hexachlorobutadiene	0.80	U	0.80	0.12	ppb v/v			05/03/21 14:39	4
Naphthalene	2.0	U	2.0	0.68	ppb v/v			05/03/21 14:39	4

Client Sample ID: SV-02_20210428
Lab Sample ID: 200-58258-3
Date Collected: 04/28/21 12:45
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			05/01/21 02:16	1
Chlorodifluoromethane	**0.88**	**J**	1.8	0.39	ug/m3			05/01/21 02:16	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			05/01/21 02:16	1
Chloromethane	**0.65**	**J**	1.0	0.25	ug/m3			05/01/21 02:16	1
n-Butane	**11**		1.2	0.45	ug/m3			05/01/21 02:16	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			05/01/21 02:16	1
1,3-Butadiene	**2.3**		0.44	0.084	ug/m3			05/01/21 02:16	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			05/01/21 02:16	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			05/01/21 02:16	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			05/01/21 02:16	1
Trichlorofluoromethane	**1.3**		1.1	0.29	ug/m3			05/01/21 02:16	1
1,1,2-Trichlorotrifluoroethane	**0.57**	**J**	1.5	0.42	ug/m3			05/01/21 02:16	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			05/01/21 02:16	1
Acetone	**570**	**E**	12	4.8	ug/m3			05/01/21 02:16	1
Isopropyl alcohol	**5.7**	**J**	12	2.4	ug/m3			05/01/21 02:16	1
Carbon disulfide	**1.7**		1.6	0.40	ug/m3			05/01/21 02:16	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			05/01/21 02:16	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			05/01/21 02:16	1
tert-Butyl alcohol	**6.2**	**J**	15	3.6	ug/m3			05/01/21 02:16	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			05/01/21 02:16	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			05/01/21 02:16	1
n-Hexane	**5.1**		0.70	0.81	ug/m3			05/01/21 02:16	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			05/01/21 02:16	1
Methyl Ethyl Ketone (2-Butanone)	**130**	**E**	1.5	0.50	ug/m3			05/01/21 02:16	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			05/01/21 02:16	1
Chloroform	**1.1**		0.98	0.22	ug/m3			05/01/21 02:16	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			05/01/21 02:16	1

Client Sample ID: SV-02_20210428
Lab Sample ID: 200-58258-3

Date Collected: 04/28/21 12:45
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			05/01/21 02:16	1
Cyclohexane	**2.0**		0.69	0.12	ug/m3			05/01/21 02:16	1
Carbon tetrachloride	0.22	U	0.22	0.20	ug/m3			05/01/21 02:16	1
2,2,4-Trimethylpentane	**8.7**		0.93	0.16	ug/m3			05/01/21 02:16	1
Benzene	**1.6**		0.64	0.24	ug/m3			05/01/21 02:16	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			05/01/21 02:16	1
n-Heptane	**500**	**E**	0.82	0.24	ug/m3			05/01/21 02:16	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			05/01/21 02:16	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			05/01/21 02:16	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			05/01/21 02:16	1
1,4-Dioxane	18	U	18	6.1	ug/m3			05/01/21 02:16	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			05/01/21 02:16	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			05/01/21 02:16	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**3.0**		2.0	0.78	ug/m3			05/01/21 02:16	1
Toluene	**7.3**		0.75	0.35	ug/m3			05/01/21 02:16	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			05/01/21 02:16	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			05/01/21 02:16	1
Tetrachloroethene	**0.29**	**J**	1.4	0.18	ug/m3			05/01/21 02:16	1
Methyl Butyl Ketone (2-Hexanone)	**89**		2.0	0.82	ug/m3			05/01/21 02:16	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			05/01/21 02:16	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			05/01/21 02:16	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			05/01/21 02:16	1
Ethylbenzene	**3.4**		0.87	0.43	ug/m3			05/01/21 02:16	1
m,p-Xylene	**15**		2.2	0.74	ug/m3			05/01/21 02:16	1
o-Xylene	**5.4**		0.87	0.41	ug/m3			05/01/21 02:16	1
Styrene	**0.49**	**J**	0.85	0.14	ug/m3			05/01/21 02:16	1
Bromoform	2.1	U	2.1	0.60	ug/m3			05/01/21 02:16	1
Cumene	0.98	U	0.98	0.18	ug/m3			05/01/21 02:16	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			05/01/21 02:16	1
n-Propylbenzene	**1.2**		0.98	0.23	ug/m3			05/01/21 02:16	1
4-Ethyltoluene	**1.8**		0.98	0.25	ug/m3			05/01/21 02:16	1
1,3,5-Trimethylbenzene	**2.0**		0.98	0.22	ug/m3			05/01/21 02:16	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			05/01/21 02:16	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			05/01/21 02:16	1
1,2,4-Trimethylbenzene	**6.4**		0.98	0.23	ug/m3			05/01/21 02:16	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			05/01/21 02:16	1
4-Isopropyltoluene	**9.7**		1.1	0.21	ug/m3			05/01/21 02:16	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			05/01/21 02:16	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			05/01/21 02:16	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			05/01/21 02:16	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			05/01/21 02:16	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			05/01/21 02:16	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			05/01/21 02:16	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			05/01/21 02:16	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			05/01/21 02:16	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.45**	**J**	0.50	0.11	ppb v/v			05/01/21 02:16	1

Client Sample ID: SV-02_20210428
Lab Sample ID: 200-58258-3

Date Collected: 04/28/21 12:45
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodifluoromethane	**0.25**	**J**	0.50	0.11	ppb v/v			05/01/21 02:16	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			05/01/21 02:16	1
Chloromethane	**0.32**	**J**	0.50	0.12	ppb v/v			05/01/21 02:16	1
n-Butane	**4.6**		0.50	0.19	ppb v/v			05/01/21 02:16	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			05/01/21 02:16	1
1,3-Butadiene	**1.1**		0.20	0.038	ppb v/v			05/01/21 02:16	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			05/01/21 02:16	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			05/01/21 02:16	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			05/01/21 02:16	1
Trichlorofluoromethane	**0.23**		0.20	0.052	ppb v/v			05/01/21 02:16	1
1,1,2-Trichlorotrifluoroethane	**0.074**	**J**	0.20	0.055	ppb v/v			05/01/21 02:16	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			05/01/21 02:16	1
Acetone	**240**	**E**	5.0	2.0	ppb v/v			05/01/21 02:16	1
Isopropyl alcohol	**2.3**	**J**	5.0	0.98	ppb v/v			05/01/21 02:16	1
Carbon disulfide	**0.54**		0.50	0.13	ppb v/v			05/01/21 02:16	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			05/01/21 02:16	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			05/01/21 02:16	1
tert-Butyl alcohol	**2.0**	**J**	5.0	1.2	ppb v/v			05/01/21 02:16	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			05/01/21 02:16	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			05/01/21 02:16	1
n-Hexane	**1.4**		0.20	0.23	ppb v/v			05/01/21 02:16	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			05/01/21 02:16	1
Methyl Ethyl Ketone (2-Butanone)	**43**	**E**	0.50	0.17	ppb v/v			05/01/21 02:16	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			05/01/21 02:16	1
Chloroform	**0.22**		0.20	0.046	ppb v/v			05/01/21 02:16	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			05/01/21 02:16	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			05/01/21 02:16	1
Cyclohexane	**0.58**		0.20	0.035	ppb v/v			05/01/21 02:16	1
Carbon tetrachloride	0.035	U	0.035	0.032	ppb v/v			05/01/21 02:16	1
2,2,4-Trimethylpentane	**1.9**		0.20	0.035	ppb v/v			05/01/21 02:16	1
Benzene	**0.51**		0.20	0.074	ppb v/v			05/01/21 02:16	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			05/01/21 02:16	1
n-Heptane	**120**	**E**	0.20	0.059	ppb v/v			05/01/21 02:16	1
Trichloroethene	0.037	U	0.037	0.024	ppb v/v			05/01/21 02:16	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			05/01/21 02:16	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			05/01/21 02:16	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			05/01/21 02:16	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			05/01/21 02:16	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			05/01/21 02:16	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.72**		0.50	0.19	ppb v/v			05/01/21 02:16	1
Toluene	**1.9**		0.20	0.093	ppb v/v			05/01/21 02:16	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			05/01/21 02:16	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			05/01/21 02:16	1
Tetrachloroethene	**0.042**	**J**	0.20	0.027	ppb v/v			05/01/21 02:16	1
Methyl Butyl Ketone (2-Hexanone)	**22**		0.50	0.20	ppb v/v			05/01/21 02:16	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			05/01/21 02:16	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			05/01/21 02:16	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			05/01/21 02:16	1

Client Sample ID: SV-02_20210428
Lab Sample ID: 200-58258-3

Date Collected: 04/28/21 12:45
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.78**		0.20	0.10	ppb v/v			05/01/21 02:16	1
m,p-Xylene	**3.5**		0.50	0.17	ppb v/v			05/01/21 02:16	1
o-Xylene	**1.2**		0.20	0.094	ppb v/v			05/01/21 02:16	1
Styrene	**0.11**	**J**	0.20	0.032	ppb v/v			05/01/21 02:16	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			05/01/21 02:16	1
Cumene	0.20	U	0.20	0.037	ppb v/v			05/01/21 02:16	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			05/01/21 02:16	1
n-Propylbenzene	**0.24**		0.20	0.047	ppb v/v			05/01/21 02:16	1
4-Ethyltoluene	**0.36**		0.20	0.051	ppb v/v			05/01/21 02:16	1
1,3,5-Trimethylbenzene	**0.41**		0.20	0.044	ppb v/v			05/01/21 02:16	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			05/01/21 02:16	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			05/01/21 02:16	1
1,2,4-Trimethylbenzene	**1.3**		0.20	0.047	ppb v/v			05/01/21 02:16	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			05/01/21 02:16	1
4-Isopropyltoluene	**1.8**		0.20	0.039	ppb v/v			05/01/21 02:16	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			05/01/21 02:16	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			05/01/21 02:16	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			05/01/21 02:16	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			05/01/21 02:16	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			05/01/21 02:16	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			05/01/21 02:16	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			05/01/21 02:16	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			05/01/21 02:16	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	25	U	25	5.4	ug/m3			05/03/21 15:31	10
Chlorodifluoromethane	18	U	18	3.9	ug/m3			05/03/21 15:31	10
1,2-Dichlorotetrafluoroethane	14	U	14	3.8	ug/m3			05/03/21 15:31	10
Chloromethane	10	U	10	2.5	ug/m3			05/03/21 15:31	10
n-Butane	**5.7**	**J D**	12	4.5	ug/m3			05/03/21 15:31	10
Vinyl chloride	2.0	U	2.0	0.72	ug/m3			05/03/21 15:31	10
1,3-Butadiene	4.4	U	4.4	0.84	ug/m3			05/03/21 15:31	10
Bromomethane	7.8	U	7.8	2.0	ug/m3			05/03/21 15:31	10
Chloroethane	13	U	13	6.6	ug/m3			05/03/21 15:31	10
Bromoethene(Vinyl Bromide)	8.7	U	8.7	3.7	ug/m3			05/03/21 15:31	10
Trichlorofluoromethane	11	U	11	2.9	ug/m3			05/03/21 15:31	10
1,1,2-Trichlorotrifluoroethane	15	U	15	4.2	ug/m3			05/03/21 15:31	10
1,1-Dichloroethene	2.0	U	2.0	1.1	ug/m3			05/03/21 15:31	10
Acetone	**350**	**D**	120	48	ug/m3			05/03/21 15:31	10
Isopropyl alcohol	120	U	120	24	ug/m3			05/03/21 15:31	10
Carbon disulfide	16	U	16	4.0	ug/m3			05/03/21 15:31	10
3-Chloropropene	16	U	16	3.4	ug/m3			05/03/21 15:31	10
Methylene Chloride	17	U	17	5.9	ug/m3			05/03/21 15:31	10
tert-Butyl alcohol	150	U	150	36	ug/m3			05/03/21 15:31	10
Methyl tert-butyl ether	7.2	U	7.2	2.9	ug/m3			05/03/21 15:31	10
trans-1,2-Dichloroethene	7.9	U	7.9	3.5	ug/m3			05/03/21 15:31	10
n-Hexane	7.0	U	7.0	8.1	ug/m3			05/03/21 15:31	10
1,1-Dichloroethane	8.1	U	8.1	1.2	ug/m3			05/03/21 15:31	10

Client Sample ID: SV-02_20210428
Lab Sample ID: 200-58258-3

Date Collected: 04/28/21 12:45
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**64**	**D**	15	5.0	ug/m3			05/03/21 15:31	10
cis-1,2-Dichloroethene	2.0	U	2.0	1.3	ug/m3			05/03/21 15:31	10
Chloroform	9.8	U	9.8	2.2	ug/m3			05/03/21 15:31	10
Tetrahydrofuran	150	U	150	35	ug/m3			05/03/21 15:31	10
1,1,1-Trichloroethane	11	U	11	2.1	ug/m3			05/03/21 15:31	10
Cyclohexane	6.9	U	6.9	1.2	ug/m3			05/03/21 15:31	10
Carbon tetrachloride	2.2	U	2.2	2.0	ug/m3			05/03/21 15:31	10
2,2,4-Trimethylpentane	**4.7**	**J D**	9.3	1.6	ug/m3			05/03/21 15:31	10
Benzene	6.4	U	6.4	2.4	ug/m3			05/03/21 15:31	10
1,2-Dichloroethane	8.1	U	8.1	6.1	ug/m3			05/03/21 15:31	10
n-Heptane	**250**	**D**	8.2	2.4	ug/m3			05/03/21 15:31	10
Trichloroethene	2.0	U	2.0	1.3	ug/m3			05/03/21 15:31	10
Methyl methacrylate	20	U	20	6.6	ug/m3			05/03/21 15:31	10
1,2-Dichloropropane	9.2	U	9.2	4.0	ug/m3			05/03/21 15:31	10
1,4-Dioxane	180	U	180	61	ug/m3			05/03/21 15:31	10
Bromodichloromethane	13	U	13	2.7	ug/m3			05/03/21 15:31	10
cis-1,3-Dichloropropene	9.1	U	9.1	0.91	ug/m3			05/03/21 15:31	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	20	U	20	7.8	ug/m3			05/03/21 15:31	10
Toluene	**5.7**	**J D**	7.5	3.5	ug/m3			05/03/21 15:31	10
trans-1,3-Dichloropropene	9.1	U	9.1	4.0	ug/m3			05/03/21 15:31	10
1,1,2-Trichloroethane	11	U	11	1.9	ug/m3			05/03/21 15:31	10
Tetrachloroethene	14	U	14	1.8	ug/m3			05/03/21 15:31	10
Methyl Butyl Ketone (2-Hexanone)	**38**	**D**	20	8.2	ug/m3			05/03/21 15:31	10
Dibromochloromethane	17	U	17	2.6	ug/m3			05/03/21 15:31	10
1,2-Dibromoethane	15	U	15	3.5	ug/m3			05/03/21 15:31	10
Chlorobenzene	9.2	U	9.2	2.0	ug/m3			05/03/21 15:31	10
Ethylbenzene	8.7	U	8.7	4.3	ug/m3			05/03/21 15:31	10
m,p-Xylene	22	U	22	7.4	ug/m3			05/03/21 15:31	10
o-Xylene	8.7	U	8.7	4.1	ug/m3			05/03/21 15:31	10
Styrene	8.5	U	8.5	1.4	ug/m3			05/03/21 15:31	10
Bromoform	21	U	21	6.0	ug/m3			05/03/21 15:31	10
Cumene	9.8	U	9.8	1.8	ug/m3			05/03/21 15:31	10
1,1,2,2-Tetrachloroethane	14	U	14	3.0	ug/m3			05/03/21 15:31	10
n-Propylbenzene	9.8	U	9.8	2.3	ug/m3			05/03/21 15:31	10
4-Ethyltoluene	9.8	U	9.8	2.5	ug/m3			05/03/21 15:31	10
1,3,5-Trimethylbenzene	9.8	U	9.8	2.2	ug/m3			05/03/21 15:31	10
2-Chlorotoluene	10	U	10	2.5	ug/m3			05/03/21 15:31	10
tert-Butylbenzene	11	U	11	2.0	ug/m3			05/03/21 15:31	10
1,2,4-Trimethylbenzene	9.8	U	9.8	2.3	ug/m3			05/03/21 15:31	10
sec-Butylbenzene	11	U	11	2.1	ug/m3			05/03/21 15:31	10
4-Isopropyltoluene	**4.1**	**J D**	11	2.1	ug/m3			05/03/21 15:31	10
1,3-Dichlorobenzene	12	U	12	5.4	ug/m3			05/03/21 15:31	10
1,4-Dichlorobenzene	12	U	12	5.7	ug/m3			05/03/21 15:31	10
Benzyl chloride	10	U	10	3.8	ug/m3			05/03/21 15:31	10
n-Butylbenzene	11	U	11	3.0	ug/m3			05/03/21 15:31	10
1,2-Dichlorobenzene	12	U	12	4.2	ug/m3			05/03/21 15:31	10
1,2,4-Trichlorobenzene	37	U	37	14	ug/m3			05/03/21 15:31	10
Hexachlorobutadiene	21	U	21	3.3	ug/m3			05/03/21 15:31	10

Client Sample ID: SV-02_20210428
Lab Sample ID: 200-58258-3

Date Collected: 04/28/21 12:45
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	26	U	26	8.9	ug/m3			05/03/21 15:31	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	1.1	ppb v/v			05/03/21 15:31	10
Chlorodifluoromethane	5.0	U	5.0	1.1	ppb v/v			05/03/21 15:31	10
1,2-Dichlorotetrafluoroethane	2.0	U	2.0	0.55	ppb v/v			05/03/21 15:31	10
Chloromethane	5.0	U	5.0	1.2	ppb v/v			05/03/21 15:31	10
n-Butane	**2.4**	**J D**	5.0	1.9	ppb v/v			05/03/21 15:31	10
Vinyl chloride	0.78	U	0.78	0.28	ppb v/v			05/03/21 15:31	10
1,3-Butadiene	2.0	U	2.0	0.38	ppb v/v			05/03/21 15:31	10
Bromomethane	2.0	U	2.0	0.52	ppb v/v			05/03/21 15:31	10
Chloroethane	5.0	U	5.0	2.5	ppb v/v			05/03/21 15:31	10
Bromoethene(Vinyl Bromide)	2.0	U	2.0	0.85	ppb v/v			05/03/21 15:31	10
Trichlorofluoromethane	2.0	U	2.0	0.52	ppb v/v			05/03/21 15:31	10
1,1,2-Trichlorotrifluoroethane	2.0	U	2.0	0.55	ppb v/v			05/03/21 15:31	10
1,1-Dichloroethene	0.50	U	0.50	0.29	ppb v/v			05/03/21 15:31	10
Acetone	**150**	**D**	50	20	ppb v/v			05/03/21 15:31	10
Isopropyl alcohol	50	U	50	9.8	ppb v/v			05/03/21 15:31	10
Carbon disulfide	5.0	U	5.0	1.3	ppb v/v			05/03/21 15:31	10
3-Chloropropene	5.0	U	5.0	1.1	ppb v/v			05/03/21 15:31	10
Methylene Chloride	5.0	U	5.0	1.7	ppb v/v			05/03/21 15:31	10
tert-Butyl alcohol	50	U	50	12	ppb v/v			05/03/21 15:31	10
Methyl tert-butyl ether	2.0	U	2.0	0.80	ppb v/v			05/03/21 15:31	10
trans-1,2-Dichloroethene	2.0	U	2.0	0.88	ppb v/v			05/03/21 15:31	10
n-Hexane	2.0	U	2.0	2.3	ppb v/v			05/03/21 15:31	10
1,1-Dichloroethane	2.0	U	2.0	0.29	ppb v/v			05/03/21 15:31	10
Methyl Ethyl Ketone (2-Butanone)	**22**	**D**	5.0	1.7	ppb v/v			05/03/21 15:31	10
cis-1,2-Dichloroethene	0.50	U	0.50	0.33	ppb v/v			05/03/21 15:31	10
Chloroform	2.0	U	2.0	0.46	ppb v/v			05/03/21 15:31	10
Tetrahydrofuran	50	U	50	12	ppb v/v			05/03/21 15:31	10
1,1,1-Trichloroethane	2.0	U	2.0	0.39	ppb v/v			05/03/21 15:31	10
Cyclohexane	2.0	U	2.0	0.35	ppb v/v			05/03/21 15:31	10
Carbon tetrachloride	0.35	U	0.35	0.32	ppb v/v			05/03/21 15:31	10
2,2,4-Trimethylpentane	**1.0**	**J D**	2.0	0.35	ppb v/v			05/03/21 15:31	10
Benzene	2.0	U	2.0	0.74	ppb v/v			05/03/21 15:31	10
1,2-Dichloroethane	2.0	U	2.0	1.5	ppb v/v			05/03/21 15:31	10
n-Heptane	**61**	**D**	2.0	0.59	ppb v/v			05/03/21 15:31	10
Trichloroethene	0.37	U	0.37	0.24	ppb v/v			05/03/21 15:31	10
Methyl methacrylate	5.0	U	5.0	1.6	ppb v/v			05/03/21 15:31	10
1,2-Dichloropropane	2.0	U	2.0	0.87	ppb v/v			05/03/21 15:31	10
1,4-Dioxane	50	U	50	17	ppb v/v			05/03/21 15:31	10
Bromodichloromethane	2.0	U	2.0	0.40	ppb v/v			05/03/21 15:31	10
cis-1,3-Dichloropropene	2.0	U	2.0	0.20	ppb v/v			05/03/21 15:31	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.0	U	5.0	1.9	ppb v/v			05/03/21 15:31	10
Toluene	**1.5**	**J D**	2.0	0.93	ppb v/v			05/03/21 15:31	10
trans-1,3-Dichloropropene	2.0	U	2.0	0.89	ppb v/v			05/03/21 15:31	10
1,1,2-Trichloroethane	2.0	U	2.0	0.34	ppb v/v			05/03/21 15:31	10
Tetrachloroethene	2.0	U	2.0	0.27	ppb v/v			05/03/21 15:31	10

Client Sample ID: SV-02_20210428
Lab Sample ID: 200-58258-3

Date Collected: 04/28/21 12:45
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	**9.2**	**D**	5.0	2.0	ppb v/v			05/03/21 15:31	10
Dibromochloromethane	2.0	U	2.0	0.31	ppb v/v			05/03/21 15:31	10
1,2-Dibromoethane	2.0	U	2.0	0.46	ppb v/v			05/03/21 15:31	10
Chlorobenzene	2.0	U	2.0	0.43	ppb v/v			05/03/21 15:31	10
Ethylbenzene	2.0	U	2.0	1.0	ppb v/v			05/03/21 15:31	10
m,p-Xylene	5.0	U	5.0	1.7	ppb v/v			05/03/21 15:31	10
o-Xylene	2.0	U	2.0	0.94	ppb v/v			05/03/21 15:31	10
Styrene	2.0	U	2.0	0.32	ppb v/v			05/03/21 15:31	10
Bromoform	2.0	U	2.0	0.58	ppb v/v			05/03/21 15:31	10
Cumene	2.0	U	2.0	0.37	ppb v/v			05/03/21 15:31	10
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.43	ppb v/v			05/03/21 15:31	10
n-Propylbenzene	2.0	U	2.0	0.47	ppb v/v			05/03/21 15:31	10
4-Ethyltoluene	2.0	U	2.0	0.51	ppb v/v			05/03/21 15:31	10
1,3,5-Trimethylbenzene	2.0	U	2.0	0.44	ppb v/v			05/03/21 15:31	10
2-Chlorotoluene	2.0	U	2.0	0.48	ppb v/v			05/03/21 15:31	10
tert-Butylbenzene	2.0	U	2.0	0.37	ppb v/v			05/03/21 15:31	10
1,2,4-Trimethylbenzene	2.0	U	2.0	0.47	ppb v/v			05/03/21 15:31	10
sec-Butylbenzene	2.0	U	2.0	0.39	ppb v/v			05/03/21 15:31	10
4-Isopropyltoluene	**0.74**	**J D**	2.0	0.39	ppb v/v			05/03/21 15:31	10
1,3-Dichlorobenzene	2.0	U	2.0	0.89	ppb v/v			05/03/21 15:31	10
1,4-Dichlorobenzene	2.0	U	2.0	0.95	ppb v/v			05/03/21 15:31	10
Benzyl chloride	2.0	U	2.0	0.74	ppb v/v			05/03/21 15:31	10
n-Butylbenzene	2.0	U	2.0	0.55	ppb v/v			05/03/21 15:31	10
1,2-Dichlorobenzene	2.0	U	2.0	0.70	ppb v/v			05/03/21 15:31	10
1,2,4-Trichlorobenzene	5.0	U	5.0	1.9	ppb v/v			05/03/21 15:31	10
Hexachlorobutadiene	2.0	U	2.0	0.31	ppb v/v			05/03/21 15:31	10
Naphthalene	5.0	U	5.0	1.7	ppb v/v			05/03/21 15:31	10

Client Sample ID: SV-03_20210428
Lab Sample ID: 200-58258-4

Date Collected: 04/28/21 12:48
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			05/01/21 04:03	1
Chlorodifluoromethane	**0.86**	**J**	1.8	0.39	ug/m3			05/01/21 04:03	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			05/01/21 04:03	1
Chloromethane	**0.41**	**J**	1.0	0.25	ug/m3			05/01/21 04:03	1
n-Butane	**18**		1.2	0.45	ug/m3			05/01/21 04:03	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			05/01/21 04:03	1
1,3-Butadiene	**2.1**		0.44	0.084	ug/m3			05/01/21 04:03	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			05/01/21 04:03	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			05/01/21 04:03	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			05/01/21 04:03	1
Trichlorofluoromethane	**1.4**		1.1	0.29	ug/m3			05/01/21 04:03	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.42	ug/m3			05/01/21 04:03	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			05/01/21 04:03	1
Acetone	**60**		12	4.8	ug/m3			05/01/21 04:03	1

Client Sample ID: SV-03_20210428
Lab Sample ID: 200-58258-4

Date Collected: 04/28/21 12:48
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	**3.6**	**J**	12	2.4	ug/m3			05/01/21 04:03	1
Carbon disulfide	**1.5**	**J**	1.6	0.40	ug/m3			05/01/21 04:03	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			05/01/21 04:03	1
Methylene Chloride	**0.60**	**J**	1.7	0.59	ug/m3			05/01/21 04:03	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			05/01/21 04:03	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			05/01/21 04:03	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			05/01/21 04:03	1
n-Hexane	**6.9**		0.70	0.81	ug/m3			05/01/21 04:03	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			05/01/21 04:03	1
Methyl Ethyl Ketone (2-Butanone)	**640**	**E**	1.5	0.50	ug/m3			05/01/21 04:03	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			05/01/21 04:03	1
Chloroform	**0.66**	**J**	0.98	0.22	ug/m3			05/01/21 04:03	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			05/01/21 04:03	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			05/01/21 04:03	1
Cyclohexane	**2.0**		0.69	0.12	ug/m3			05/01/21 04:03	1
Carbon tetrachloride	0.22	U	0.22	0.20	ug/m3			05/01/21 04:03	1
2,2,4-Trimethylpentane	**2.9**		0.93	0.16	ug/m3			05/01/21 04:03	1
Benzene	**3.2**		0.64	0.24	ug/m3			05/01/21 04:03	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			05/01/21 04:03	1
n-Heptane	**15**		0.82	0.24	ug/m3			05/01/21 04:03	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			05/01/21 04:03	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			05/01/21 04:03	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			05/01/21 04:03	1
1,4-Dioxane	18	U	18	6.1	ug/m3			05/01/21 04:03	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			05/01/21 04:03	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			05/01/21 04:03	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**2.9**		2.0	0.78	ug/m3			05/01/21 04:03	1
Toluene	**14**		0.75	0.35	ug/m3			05/01/21 04:03	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			05/01/21 04:03	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			05/01/21 04:03	1
Tetrachloroethene	**5.2**		1.4	0.18	ug/m3			05/01/21 04:03	1
Methyl Butyl Ketone (2-Hexanone)	**65**		2.0	0.82	ug/m3			05/01/21 04:03	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			05/01/21 04:03	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			05/01/21 04:03	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			05/01/21 04:03	1
Ethylbenzene	**8.2**		0.87	0.43	ug/m3			05/01/21 04:03	1
m,p-Xylene	**37**		2.2	0.74	ug/m3			05/01/21 04:03	1
o-Xylene	**15**		0.87	0.41	ug/m3			05/01/21 04:03	1
Styrene	**1.7**		0.85	0.14	ug/m3			05/01/21 04:03	1
Bromoform	2.1	U	2.1	0.60	ug/m3			05/01/21 04:03	1
Cumene	0.98	U	0.98	0.18	ug/m3			05/01/21 04:03	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			05/01/21 04:03	1
n-Propylbenzene	**4.2**		0.98	0.23	ug/m3			05/01/21 04:03	1
4-Ethyltoluene	**5.2**		0.98	0.25	ug/m3			05/01/21 04:03	1
1,3,5-Trimethylbenzene	**6.7**		0.98	0.22	ug/m3			05/01/21 04:03	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			05/01/21 04:03	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			05/01/21 04:03	1
1,2,4-Trimethylbenzene	**20**		0.98	0.23	ug/m3			05/01/21 04:03	1

Client Sample ID: SV-03_20210428
Lab Sample ID: 200-58258-4

Date Collected: 04/28/21 12:48
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	**1.4**		1.1	0.21	ug/m3			05/01/21 04:03	1
4-Isopropyltoluene	**1.1**		1.1	0.21	ug/m3			05/01/21 04:03	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			05/01/21 04:03	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			05/01/21 04:03	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			05/01/21 04:03	1
n-Butylbenzene	**1.3**		1.1	0.30	ug/m3			05/01/21 04:03	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			05/01/21 04:03	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			05/01/21 04:03	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			05/01/21 04:03	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			05/01/21 04:03	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.42**	**J**	0.50	0.11	ppb v/v			05/01/21 04:03	1
Chlorodifluoromethane	**0.24**	**J**	0.50	0.11	ppb v/v			05/01/21 04:03	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			05/01/21 04:03	1
Chloromethane	**0.20**	**J**	0.50	0.12	ppb v/v			05/01/21 04:03	1
n-Butane	**7.5**		0.50	0.19	ppb v/v			05/01/21 04:03	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			05/01/21 04:03	1
1,3-Butadiene	**0.95**		0.20	0.038	ppb v/v			05/01/21 04:03	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			05/01/21 04:03	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			05/01/21 04:03	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			05/01/21 04:03	1
Trichlorofluoromethane	**0.25**		0.20	0.052	ppb v/v			05/01/21 04:03	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.055	ppb v/v			05/01/21 04:03	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			05/01/21 04:03	1
Acetone	**25**		5.0	2.0	ppb v/v			05/01/21 04:03	1
Isopropyl alcohol	**1.5**	**J**	5.0	0.98	ppb v/v			05/01/21 04:03	1
Carbon disulfide	**0.47**	**J**	0.50	0.13	ppb v/v			05/01/21 04:03	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			05/01/21 04:03	1
Methylene Chloride	**0.17**	**J**	0.50	0.17	ppb v/v			05/01/21 04:03	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			05/01/21 04:03	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			05/01/21 04:03	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			05/01/21 04:03	1
n-Hexane	**2.0**		0.20	0.23	ppb v/v			05/01/21 04:03	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			05/01/21 04:03	1
Methyl Ethyl Ketone (2-Butanone)	**220**	**E**	0.50	0.17	ppb v/v			05/01/21 04:03	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			05/01/21 04:03	1
Chloroform	**0.14**	**J**	0.20	0.046	ppb v/v			05/01/21 04:03	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			05/01/21 04:03	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			05/01/21 04:03	1
Cyclohexane	**0.57**		0.20	0.035	ppb v/v			05/01/21 04:03	1
Carbon tetrachloride	0.035	U	0.035	0.032	ppb v/v			05/01/21 04:03	1
2,2,4-Trimethylpentane	**0.62**		0.20	0.035	ppb v/v			05/01/21 04:03	1
Benzene	**1.0**		0.20	0.074	ppb v/v			05/01/21 04:03	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			05/01/21 04:03	1
n-Heptane	**3.7**		0.20	0.059	ppb v/v			05/01/21 04:03	1
Trichloroethene	0.037	U	0.037	0.024	ppb v/v			05/01/21 04:03	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			05/01/21 04:03	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			05/01/21 04:03	1

Client Sample ID: SV-03_20210428
Lab Sample ID: 200-58258-4

Date Collected: 04/28/21 12:48
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			05/01/21 04:03	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			05/01/21 04:03	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			05/01/21 04:03	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.72**		0.50	0.19	ppb v/v			05/01/21 04:03	1
Toluene	**3.6**		0.20	0.093	ppb v/v			05/01/21 04:03	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			05/01/21 04:03	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			05/01/21 04:03	1
Tetrachloroethene	**0.76**		0.20	0.027	ppb v/v			05/01/21 04:03	1
Methyl Butyl Ketone (2-Hexanone)	**16**		0.50	0.20	ppb v/v			05/01/21 04:03	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			05/01/21 04:03	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			05/01/21 04:03	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			05/01/21 04:03	1
Ethylbenzene	**1.9**		0.20	0.10	ppb v/v			05/01/21 04:03	1
m,p-Xylene	**8.6**		0.50	0.17	ppb v/v			05/01/21 04:03	1
o-Xylene	**3.5**		0.20	0.094	ppb v/v			05/01/21 04:03	1
Styrene	**0.39**		0.20	0.032	ppb v/v			05/01/21 04:03	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			05/01/21 04:03	1
Cumene	0.20	U	0.20	0.037	ppb v/v			05/01/21 04:03	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			05/01/21 04:03	1
n-Propylbenzene	**0.85**		0.20	0.047	ppb v/v			05/01/21 04:03	1
4-Ethyltoluene	**1.1**		0.20	0.051	ppb v/v			05/01/21 04:03	1
1,3,5-Trimethylbenzene	**1.4**		0.20	0.044	ppb v/v			05/01/21 04:03	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			05/01/21 04:03	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			05/01/21 04:03	1
1,2,4-Trimethylbenzene	**4.0**		0.20	0.047	ppb v/v			05/01/21 04:03	1
sec-Butylbenzene	**0.25**		0.20	0.039	ppb v/v			05/01/21 04:03	1
4-Isopropyltoluene	**0.20**		0.20	0.039	ppb v/v			05/01/21 04:03	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			05/01/21 04:03	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			05/01/21 04:03	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			05/01/21 04:03	1
n-Butylbenzene	**0.23**		0.20	0.055	ppb v/v			05/01/21 04:03	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			05/01/21 04:03	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			05/01/21 04:03	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			05/01/21 04:03	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			05/01/21 04:03	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	25	U	25	5.4	ug/m3			05/03/21 16:24	10
Chlorodifluoromethane	18	U	18	3.9	ug/m3			05/03/21 16:24	10
1,2-Dichlorotetrafluoroethane	14	U	14	3.8	ug/m3			05/03/21 16:24	10
Chloromethane	10	U	10	2.5	ug/m3			05/03/21 16:24	10
n-Butane	**9.2**	**J D**	12	4.5	ug/m3			05/03/21 16:24	10
Vinyl chloride	2.0	U	2.0	0.72	ug/m3			05/03/21 16:24	10
1,3-Butadiene	4.4	U	4.4	0.84	ug/m3			05/03/21 16:24	10
Bromomethane	7.8	U	7.8	2.0	ug/m3			05/03/21 16:24	10
Chloroethane	13	U	13	6.6	ug/m3			05/03/21 16:24	10
Bromoethene(Vinyl Bromide)	8.7	U	8.7	3.7	ug/m3			05/03/21 16:24	10

Client Sample ID: SV-03_20210428
Lab Sample ID: 200-58258-4

Date Collected: 04/28/21 12:48
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	11	U	11	2.9	ug/m3			05/03/21 16:24	10
1,1,2-Trichlorotrifluoroethane	15	U	15	4.2	ug/m3			05/03/21 16:24	10
1,1-Dichloroethene	2.0	U	2.0	1.1	ug/m3			05/03/21 16:24	10
Acetone	120	U	120	48	ug/m3			05/03/21 16:24	10
Isopropyl alcohol	120	U	120	24	ug/m3			05/03/21 16:24	10
Carbon disulfide	16	U	16	4.0	ug/m3			05/03/21 16:24	10
3-Chloropropene	16	U	16	3.4	ug/m3			05/03/21 16:24	10
Methylene Chloride	17	U	17	5.9	ug/m3			05/03/21 16:24	10
tert-Butyl alcohol	150	U	150	36	ug/m3			05/03/21 16:24	10
Methyl tert-butyl ether	7.2	U	7.2	2.9	ug/m3			05/03/21 16:24	10
trans-1,2-Dichloroethene	7.9	U	7.9	3.5	ug/m3			05/03/21 16:24	10
n-Hexane	7.0	U	7.0	8.1	ug/m3			05/03/21 16:24	10
1,1-Dichloroethane	8.1	U	8.1	1.2	ug/m3			05/03/21 16:24	10
Methyl Ethyl Ketone (2-Butanone)	**330**	**D**	15	5.0	ug/m3			05/03/21 16:24	10
cis-1,2-Dichloroethene	2.0	U	2.0	1.3	ug/m3			05/03/21 16:24	10
Chloroform	9.8	U	9.8	2.2	ug/m3			05/03/21 16:24	10
Tetrahydrofuran	150	U	150	35	ug/m3			05/03/21 16:24	10
1,1,1-Trichloroethane	11	U	11	2.1	ug/m3			05/03/21 16:24	10
Cyclohexane	6.9	U	6.9	1.2	ug/m3			05/03/21 16:24	10
Carbon tetrachloride	2.2	U	2.2	2.0	ug/m3			05/03/21 16:24	10
2,2,4-Trimethylpentane	9.3	U	9.3	1.6	ug/m3			05/03/21 16:24	10
Benzene	**2.5**	**J D**	6.4	2.4	ug/m3			05/03/21 16:24	10
1,2-Dichloroethane	8.1	U	8.1	6.1	ug/m3			05/03/21 16:24	10
n-Heptane	**6.6**	**J D**	8.2	2.4	ug/m3			05/03/21 16:24	10
Trichloroethene	2.0	U	2.0	1.3	ug/m3			05/03/21 16:24	10
Methyl methacrylate	20	U	20	6.6	ug/m3			05/03/21 16:24	10
1,2-Dichloropropane	9.2	U	9.2	4.0	ug/m3			05/03/21 16:24	10
1,4-Dioxane	180	U	180	61	ug/m3			05/03/21 16:24	10
Bromodichloromethane	13	U	13	2.7	ug/m3			05/03/21 16:24	10
cis-1,3-Dichloropropene	9.1	U	9.1	0.91	ug/m3			05/03/21 16:24	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	20	U	20	7.8	ug/m3			05/03/21 16:24	10
Toluene	**9.0**	**D**	7.5	3.5	ug/m3			05/03/21 16:24	10
trans-1,3-Dichloropropene	9.1	U	9.1	4.0	ug/m3			05/03/21 16:24	10
1,1,2-Trichloroethane	11	U	11	1.9	ug/m3			05/03/21 16:24	10
Tetrachloroethene	**1.9**	**J D**	14	1.8	ug/m3			05/03/21 16:24	10
Methyl Butyl Ketone (2-Hexanone)	**28**	**D**	20	8.2	ug/m3			05/03/21 16:24	10
Dibromochloromethane	17	U	17	2.6	ug/m3			05/03/21 16:24	10
1,2-Dibromoethane	15	U	15	3.5	ug/m3			05/03/21 16:24	10
Chlorobenzene	9.2	U	9.2	2.0	ug/m3			05/03/21 16:24	10
Ethylbenzene	**6.8**	**J D**	8.7	4.3	ug/m3			05/03/21 16:24	10
m,p-Xylene	**20**	**J D**	22	7.4	ug/m3			05/03/21 16:24	10
o-Xylene	**10**	**D**	8.7	4.1	ug/m3			05/03/21 16:24	10
Styrene	8.5	U	8.5	1.4	ug/m3			05/03/21 16:24	10
Bromoform	21	U	21	6.0	ug/m3			05/03/21 16:24	10
Cumene	9.8	U	9.8	1.8	ug/m3			05/03/21 16:24	10
1,1,2,2-Tetrachloroethane	14	U	14	3.0	ug/m3			05/03/21 16:24	10
n-Propylbenzene	**2.5**	**J D**	9.8	2.3	ug/m3			05/03/21 16:24	10
4-Ethyltoluene	**2.8**	**J D**	9.8	2.5	ug/m3			05/03/21 16:24	10

Client Sample ID: SV-03_20210428
Lab Sample ID: 200-58258-4

Date Collected: 04/28/21 12:48
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	**3.7**	**J D**	9.8	2.2	ug/m3			05/03/21 16:24	10
2-Chlorotoluene	10	U	10	2.5	ug/m3			05/03/21 16:24	10
tert-Butylbenzene	11	U	11	2.0	ug/m3			05/03/21 16:24	10
1,2,4-Trimethylbenzene	**11**	**D**	9.8	2.3	ug/m3			05/03/21 16:24	10
sec-Butylbenzene	11	U	11	2.1	ug/m3			05/03/21 16:24	10
4-Isopropyltoluene	11	U	11	2.1	ug/m3			05/03/21 16:24	10
1,3-Dichlorobenzene	12	U	12	5.4	ug/m3			05/03/21 16:24	10
1,4-Dichlorobenzene	12	U	12	5.7	ug/m3			05/03/21 16:24	10
Benzyl chloride	10	U	10	3.8	ug/m3			05/03/21 16:24	10
n-Butylbenzene	11	U	11	3.0	ug/m3			05/03/21 16:24	10
1,2-Dichlorobenzene	12	U	12	4.2	ug/m3			05/03/21 16:24	10
1,2,4-Trichlorobenzene	37	U	37	14	ug/m3			05/03/21 16:24	10
Hexachlorobutadiene	21	U	21	3.3	ug/m3			05/03/21 16:24	10
Naphthalene	26	U	26	8.9	ug/m3			05/03/21 16:24	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	1.1	ppb v/v			05/03/21 16:24	10
Chlorodifluoromethane	5.0	U	5.0	1.1	ppb v/v			05/03/21 16:24	10
1,2-Dichlorotetrafluoroethane	2.0	U	2.0	0.55	ppb v/v			05/03/21 16:24	10
Chloromethane	5.0	U	5.0	1.2	ppb v/v			05/03/21 16:24	10
n-Butane	**3.9**	**J D**	5.0	1.9	ppb v/v			05/03/21 16:24	10
Vinyl chloride	0.78	U	0.78	0.28	ppb v/v			05/03/21 16:24	10
1,3-Butadiene	2.0	U	2.0	0.38	ppb v/v			05/03/21 16:24	10
Bromomethane	2.0	U	2.0	0.52	ppb v/v			05/03/21 16:24	10
Chloroethane	5.0	U	5.0	2.5	ppb v/v			05/03/21 16:24	10
Bromoethene(Vinyl Bromide)	2.0	U	2.0	0.85	ppb v/v			05/03/21 16:24	10
Trichlorofluoromethane	2.0	U	2.0	0.52	ppb v/v			05/03/21 16:24	10
1,1,2-Trichlorotrifluoroethane	2.0	U	2.0	0.55	ppb v/v			05/03/21 16:24	10
1,1-Dichloroethene	0.50	U	0.50	0.29	ppb v/v			05/03/21 16:24	10
Acetone	50	U	50	20	ppb v/v			05/03/21 16:24	10
Isopropyl alcohol	50	U	50	9.8	ppb v/v			05/03/21 16:24	10
Carbon disulfide	5.0	U	5.0	1.3	ppb v/v			05/03/21 16:24	10
3-Chloropropene	5.0	U	5.0	1.1	ppb v/v			05/03/21 16:24	10
Methylene Chloride	5.0	U	5.0	1.7	ppb v/v			05/03/21 16:24	10
tert-Butyl alcohol	50	U	50	12	ppb v/v			05/03/21 16:24	10
Methyl tert-butyl ether	2.0	U	2.0	0.80	ppb v/v			05/03/21 16:24	10
trans-1,2-Dichloroethene	2.0	U	2.0	0.88	ppb v/v			05/03/21 16:24	10
n-Hexane	2.0	U	2.0	2.3	ppb v/v			05/03/21 16:24	10
1,1-Dichloroethane	2.0	U	2.0	0.29	ppb v/v			05/03/21 16:24	10
Methyl Ethyl Ketone (2-Butanone)	**110**	**D**	5.0	1.7	ppb v/v			05/03/21 16:24	10
cis-1,2-Dichloroethene	0.50	U	0.50	0.33	ppb v/v			05/03/21 16:24	10
Chloroform	2.0	U	2.0	0.46	ppb v/v			05/03/21 16:24	10
Tetrahydrofuran	50	U	50	12	ppb v/v			05/03/21 16:24	10
1,1,1-Trichloroethane	2.0	U	2.0	0.39	ppb v/v			05/03/21 16:24	10
Cyclohexane	2.0	U	2.0	0.35	ppb v/v			05/03/21 16:24	10
Carbon tetrachloride	0.35	U	0.35	0.32	ppb v/v			05/03/21 16:24	10
2,2,4-Trimethylpentane	2.0	U	2.0	0.35	ppb v/v			05/03/21 16:24	10
Benzene	**0.77**	**J D**	2.0	0.74	ppb v/v			05/03/21 16:24	10
1,2-Dichloroethane	2.0	U	2.0	1.5	ppb v/v			05/03/21 16:24	10

Client Sample ID: SV-03_20210428
Lab Sample ID: 200-58258-4

Date Collected: 04/28/21 12:48
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Heptane	**1.6**	**J D**	2.0	0.59	ppb v/v			05/03/21 16:24	10
Trichloroethene	0.37	U	0.37	0.24	ppb v/v			05/03/21 16:24	10
Methyl methacrylate	5.0	U	5.0	1.6	ppb v/v			05/03/21 16:24	10
1,2-Dichloropropane	2.0	U	2.0	0.87	ppb v/v			05/03/21 16:24	10
1,4-Dioxane	50	U	50	17	ppb v/v			05/03/21 16:24	10
Bromodichloromethane	2.0	U	2.0	0.40	ppb v/v			05/03/21 16:24	10
cis-1,3-Dichloropropene	2.0	U	2.0	0.20	ppb v/v			05/03/21 16:24	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.0	U	5.0	1.9	ppb v/v			05/03/21 16:24	10
Toluene	**2.4**	**D**	2.0	0.93	ppb v/v			05/03/21 16:24	10
trans-1,3-Dichloropropene	2.0	U	2.0	0.89	ppb v/v			05/03/21 16:24	10
1,1,2-Trichloroethane	2.0	U	2.0	0.34	ppb v/v			05/03/21 16:24	10
Tetrachloroethene	**0.29**	**J D**	2.0	0.27	ppb v/v			05/03/21 16:24	10
Methyl Butyl Ketone (2-Hexanone)	**6.7**	**D**	5.0	2.0	ppb v/v			05/03/21 16:24	10
Dibromochloromethane	2.0	U	2.0	0.31	ppb v/v			05/03/21 16:24	10
1,2-Dibromoethane	2.0	U	2.0	0.46	ppb v/v			05/03/21 16:24	10
Chlorobenzene	2.0	U	2.0	0.43	ppb v/v			05/03/21 16:24	10
Ethylbenzene	**1.6**	**J D**	2.0	1.0	ppb v/v			05/03/21 16:24	10
m,p-Xylene	**4.7**	**J D**	5.0	1.7	ppb v/v			05/03/21 16:24	10
o-Xylene	**2.3**	**D**	2.0	0.94	ppb v/v			05/03/21 16:24	10
Styrene	2.0	U	2.0	0.32	ppb v/v			05/03/21 16:24	10
Bromoform	2.0	U	2.0	0.58	ppb v/v			05/03/21 16:24	10
Cumene	2.0	U	2.0	0.37	ppb v/v			05/03/21 16:24	10
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.43	ppb v/v			05/03/21 16:24	10
n-Propylbenzene	**0.51**	**J D**	2.0	0.47	ppb v/v			05/03/21 16:24	10
4-Ethyltoluene	**0.56**	**J D**	2.0	0.51	ppb v/v			05/03/21 16:24	10
1,3,5-Trimethylbenzene	**0.75**	**J D**	2.0	0.44	ppb v/v			05/03/21 16:24	10
2-Chlorotoluene	2.0	U	2.0	0.48	ppb v/v			05/03/21 16:24	10
tert-Butylbenzene	2.0	U	2.0	0.37	ppb v/v			05/03/21 16:24	10
1,2,4-Trimethylbenzene	**2.2**	**D**	2.0	0.47	ppb v/v			05/03/21 16:24	10
sec-Butylbenzene	2.0	U	2.0	0.39	ppb v/v			05/03/21 16:24	10
4-Isopropyltoluene	2.0	U	2.0	0.39	ppb v/v			05/03/21 16:24	10
1,3-Dichlorobenzene	2.0	U	2.0	0.89	ppb v/v			05/03/21 16:24	10
1,4-Dichlorobenzene	2.0	U	2.0	0.95	ppb v/v			05/03/21 16:24	10
Benzyl chloride	2.0	U	2.0	0.74	ppb v/v			05/03/21 16:24	10
n-Butylbenzene	2.0	U	2.0	0.55	ppb v/v			05/03/21 16:24	10
1,2-Dichlorobenzene	2.0	U	2.0	0.70	ppb v/v			05/03/21 16:24	10
1,2,4-Trichlorobenzene	5.0	U	5.0	1.9	ppb v/v			05/03/21 16:24	10
Hexachlorobutadiene	2.0	U	2.0	0.31	ppb v/v			05/03/21 16:24	10
Naphthalene	5.0	U	5.0	1.7	ppb v/v			05/03/21 16:24	10

Client Sample ID: SV-04_20210428
Lab Sample ID: 200-58258-5

Date Collected: 04/28/21 12:38
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	49	U	49	11	ug/m3			05/01/21 06:43	20

Client Sample ID: SV-04_20210428
Lab Sample ID: 200-58258-5

Date Collected: 04/28/21 12:38
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodifluoromethane	35	U	35	7.8	ug/m3			05/01/21 06:43	20
1,2-Dichlorotetrafluoroethane	28	U	28	7.7	ug/m3			05/01/21 06:43	20
Chloromethane	21	U	21	5.0	ug/m3			05/01/21 06:43	20
n-Butane	**48**		24	9.0	ug/m3			05/01/21 06:43	20
Vinyl chloride	4.0	U	4.0	1.4	ug/m3			05/01/21 06:43	20
1,3-Butadiene	8.8	U	8.8	1.7	ug/m3			05/01/21 06:43	20
Bromomethane	16	U	16	4.0	ug/m3			05/01/21 06:43	20
Chloroethane	26	U	26	13	ug/m3			05/01/21 06:43	20
Bromoethene(Vinyl Bromide)	17	U	17	7.4	ug/m3			05/01/21 06:43	20
Trichlorofluoromethane	22	U	22	5.8	ug/m3			05/01/21 06:43	20
1,1,2-Trichlorotrifluoroethane	31	U	31	8.4	ug/m3			05/01/21 06:43	20
1,1-Dichloroethene	4.0	U	4.0	2.3	ug/m3			05/01/21 06:43	20
Acetone	**840**		240	95	ug/m3			05/01/21 06:43	20
Isopropyl alcohol	250	U	250	48	ug/m3			05/01/21 06:43	20
Carbon disulfide	**12**	**J**	31	8.1	ug/m3			05/01/21 06:43	20
3-Chloropropene	31	U	31	6.9	ug/m3			05/01/21 06:43	20
Methylene Chloride	35	U	35	12	ug/m3			05/01/21 06:43	20
tert-Butyl alcohol	300	U	300	73	ug/m3			05/01/21 06:43	20
Methyl tert-butyl ether	14	U	14	5.8	ug/m3			05/01/21 06:43	20
trans-1,2-Dichloroethene	16	U	16	7.0	ug/m3			05/01/21 06:43	20
n-Hexane	**49**		14	16	ug/m3			05/01/21 06:43	20
1,1-Dichloroethane	16	U	16	2.3	ug/m3			05/01/21 06:43	20
Methyl Ethyl Ketone (2-Butanone)	**650**		29	10	ug/m3			05/01/21 06:43	20
cis-1,2-Dichloroethene	4.0	U	4.0	2.6	ug/m3			05/01/21 06:43	20
Chloroform	20	U	20	4.5	ug/m3			05/01/21 06:43	20
Tetrahydrofuran	290	U	290	71	ug/m3			05/01/21 06:43	20
1,1,1-Trichloroethane	22	U	22	4.3	ug/m3			05/01/21 06:43	20
Cyclohexane	**51**		14	2.4	ug/m3			05/01/21 06:43	20
Carbon tetrachloride	4.4	U	4.4	4.0	ug/m3			05/01/21 06:43	20
2,2,4-Trimethylpentane	**23**		19	3.3	ug/m3			05/01/21 06:43	20
Benzene	**23**		13	4.7	ug/m3			05/01/21 06:43	20
1,2-Dichloroethane	16	U	16	12	ug/m3			05/01/21 06:43	20
n-Heptane	**150**		16	4.8	ug/m3			05/01/21 06:43	20
Trichloroethene	4.0	U	4.0	2.6	ug/m3			05/01/21 06:43	20
Methyl methacrylate	41	U	41	13	ug/m3			05/01/21 06:43	20
1,2-Dichloropropane	18	U	18	8.0	ug/m3			05/01/21 06:43	20
1,4-Dioxane	360	U	360	120	ug/m3			05/01/21 06:43	20
Bromodichloromethane	27	U	27	5.4	ug/m3			05/01/21 06:43	20
cis-1,3-Dichloropropene	18	U	18	1.8	ug/m3			05/01/21 06:43	20
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**26**	**J**	41	16	ug/m3			05/01/21 06:43	20
Toluene	**560**		15	7.0	ug/m3			05/01/21 06:43	20
trans-1,3-Dichloropropene	18	U	18	8.1	ug/m3			05/01/21 06:43	20
1,1,2-Trichloroethane	22	U	22	3.7	ug/m3			05/01/21 06:43	20
Tetrachloroethene	**45**		27	3.7	ug/m3			05/01/21 06:43	20
Methyl Butyl Ketone (2-Hexanone)	41	U	41	16	ug/m3			05/01/21 06:43	20
Dibromochloromethane	34	U	34	5.3	ug/m3			05/01/21 06:43	20
1,2-Dibromoethane	31	U	31	7.1	ug/m3			05/01/21 06:43	20
Chlorobenzene	18	U	18	4.0	ug/m3			05/01/21 06:43	20

Client Sample ID: SV-04_20210428
Lab Sample ID: 200-58258-5

Date Collected: 04/28/21 12:38
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**140**		17	8.7	ug/m3			05/01/21 06:43	20
m,p-Xylene	**350**		43	15	ug/m3			05/01/21 06:43	20
o-Xylene	**210**		17	8.2	ug/m3			05/01/21 06:43	20
Styrene	**1500**		17	2.7	ug/m3			05/01/21 06:43	20
Bromoform	41	U	41	12	ug/m3			05/01/21 06:43	20
Cumene	20	U	20	3.6	ug/m3			05/01/21 06:43	20
1,1,2,2-Tetrachloroethane	27	U	27	5.9	ug/m3			05/01/21 06:43	20
n-Propylbenzene	**25**		20	4.6	ug/m3			05/01/21 06:43	20
4-Ethyltoluene	**20**		20	5.0	ug/m3			05/01/21 06:43	20
1,3,5-Trimethylbenzene	**34**		20	4.3	ug/m3			05/01/21 06:43	20
2-Chlorotoluene	21	U	21	5.0	ug/m3			05/01/21 06:43	20
tert-Butylbenzene	22	U	22	4.1	ug/m3			05/01/21 06:43	20
1,2,4-Trimethylbenzene	**39**		20	4.6	ug/m3			05/01/21 06:43	20
sec-Butylbenzene	**5.0**	**J**	22	4.3	ug/m3			05/01/21 06:43	20
4-Isopropyltoluene	**5.3**	**J**	22	4.3	ug/m3			05/01/21 06:43	20
1,3-Dichlorobenzene	24	U	24	11	ug/m3			05/01/21 06:43	20
1,4-Dichlorobenzene	24	U	24	11	ug/m3			05/01/21 06:43	20
Benzyl chloride	21	U	21	7.7	ug/m3			05/01/21 06:43	20
n-Butylbenzene	22	U	22	6.0	ug/m3			05/01/21 06:43	20
1,2-Dichlorobenzene	24	U	24	8.4	ug/m3			05/01/21 06:43	20
1,2,4-Trichlorobenzene	74	U	74	28	ug/m3			05/01/21 06:43	20
Hexachlorobutadiene	43	U	43	6.6	ug/m3			05/01/21 06:43	20
Naphthalene	52	U	52	18	ug/m3			05/01/21 06:43	20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	10	U	10	2.2	ppb v/v			05/01/21 06:43	20
Chlorodifluoromethane	10	U	10	2.2	ppb v/v			05/01/21 06:43	20
1,2-Dichlorotetrafluoroethane	4.0	U	4.0	1.1	ppb v/v			05/01/21 06:43	20
Chloromethane	10	U	10	2.4	ppb v/v			05/01/21 06:43	20
n-Butane	**20**		10	3.8	ppb v/v			05/01/21 06:43	20
Vinyl chloride	1.6	U	1.6	0.56	ppb v/v			05/01/21 06:43	20
1,3-Butadiene	4.0	U	4.0	0.76	ppb v/v			05/01/21 06:43	20
Bromomethane	4.0	U	4.0	1.0	ppb v/v			05/01/21 06:43	20
Chloroethane	10	U	10	5.0	ppb v/v			05/01/21 06:43	20
Bromoethene(Vinyl Bromide)	4.0	U	4.0	1.7	ppb v/v			05/01/21 06:43	20
Trichlorofluoromethane	4.0	U	4.0	1.0	ppb v/v			05/01/21 06:43	20
1,1,2-Trichlorotrifluoroethane	4.0	U	4.0	1.1	ppb v/v			05/01/21 06:43	20
1,1-Dichloroethene	1.0	U	1.0	0.58	ppb v/v			05/01/21 06:43	20
Acetone	**350**		100	40	ppb v/v			05/01/21 06:43	20
Isopropyl alcohol	100	U	100	20	ppb v/v			05/01/21 06:43	20
Carbon disulfide	**3.8**	**J**	10	2.6	ppb v/v			05/01/21 06:43	20
3-Chloropropene	10	U	10	2.2	ppb v/v			05/01/21 06:43	20
Methylene Chloride	10	U	10	3.4	ppb v/v			05/01/21 06:43	20
tert-Butyl alcohol	100	U	100	24	ppb v/v			05/01/21 06:43	20
Methyl tert-butyl ether	4.0	U	4.0	1.6	ppb v/v			05/01/21 06:43	20
trans-1,2-Dichloroethene	4.0	U	4.0	1.8	ppb v/v			05/01/21 06:43	20
n-Hexane	**14**		4.0	4.6	ppb v/v			05/01/21 06:43	20
1,1-Dichloroethane	4.0	U	4.0	0.58	ppb v/v			05/01/21 06:43	20
Methyl Ethyl Ketone (2-Butanone)	**220**		10	3.4	ppb v/v			05/01/21 06:43	20

Client Sample ID: SV-04_20210428
Lab Sample ID: 200-58258-5

Date Collected: 04/28/21 12:38
Matrix: Air
Date Received: 04/29/21 10:45
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1.0	U	1.0	0.66	ppb v/v			05/01/21 06:43	20
Chloroform	4.0	U	4.0	0.92	ppb v/v			05/01/21 06:43	20
Tetrahydrofuran	100	U	100	24	ppb v/v			05/01/21 06:43	20
1,1,1-Trichloroethane	4.0	U	4.0	0.78	ppb v/v			05/01/21 06:43	20
Cyclohexane	**15**		4.0	0.70	ppb v/v			05/01/21 06:43	20
Carbon tetrachloride	0.70	U	0.70	0.64	ppb v/v			05/01/21 06:43	20
2,2,4-Trimethylpentane	**4.8**		4.0	0.70	ppb v/v			05/01/21 06:43	20
Benzene	**7.2**		4.0	1.5	ppb v/v			05/01/21 06:43	20
1,2-Dichloroethane	4.0	U	4.0	3.0	ppb v/v			05/01/21 06:43	20
n-Heptane	**38**		4.0	1.2	ppb v/v			05/01/21 06:43	20
Trichloroethene	0.74	U	0.74	0.48	ppb v/v			05/01/21 06:43	20
Methyl methacrylate	10	U	10	3.2	ppb v/v			05/01/21 06:43	20
1,2-Dichloropropane	4.0	U	4.0	1.7	ppb v/v			05/01/21 06:43	20
1,4-Dioxane	100	U	100	34	ppb v/v			05/01/21 06:43	20
Bromodichloromethane	4.0	U	4.0	0.80	ppb v/v			05/01/21 06:43	20
cis-1,3-Dichloropropene	4.0	U	4.0	0.40	ppb v/v			05/01/21 06:43	20
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**6.4**	**J**	10	3.8	ppb v/v			05/01/21 06:43	20
Toluene	**150**		4.0	1.9	ppb v/v			05/01/21 06:43	20
trans-1,3-Dichloropropene	4.0	U	4.0	1.8	ppb v/v			05/01/21 06:43	20
1,1,2-Trichloroethane	4.0	U	4.0	0.68	ppb v/v			05/01/21 06:43	20
Tetrachloroethene	**6.6**		4.0	0.54	ppb v/v			05/01/21 06:43	20
Methyl Butyl Ketone (2-Hexanone)	10	U	10	4.0	ppb v/v			05/01/21 06:43	20
Dibromochloromethane	4.0	U	4.0	0.62	ppb v/v			05/01/21 06:43	20
1,2-Dibromoethane	4.0	U	4.0	0.92	ppb v/v			05/01/21 06:43	20
Chlorobenzene	4.0	U	4.0	0.86	ppb v/v			05/01/21 06:43	20
Ethylbenzene	**32**		4.0	2.0	ppb v/v			05/01/21 06:43	20
m,p-Xylene	**81**		10	3.4	ppb v/v			05/01/21 06:43	20
o-Xylene	**48**		4.0	1.9	ppb v/v			05/01/21 06:43	20
Styrene	**360**		4.0	0.64	ppb v/v			05/01/21 06:43	20
Bromoform	4.0	U	4.0	1.2	ppb v/v			05/01/21 06:43	20
Cumene	4.0	U	4.0	0.74	ppb v/v			05/01/21 06:43	20
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.86	ppb v/v			05/01/21 06:43	20
n-Propylbenzene	**5.0**		4.0	0.94	ppb v/v			05/01/21 06:43	20
4-Ethyltoluene	**4.0**		4.0	1.0	ppb v/v			05/01/21 06:43	20
1,3,5-Trimethylbenzene	**6.9**		4.0	0.88	ppb v/v			05/01/21 06:43	20
2-Chlorotoluene	4.0	U	4.0	0.96	ppb v/v			05/01/21 06:43	20
tert-Butylbenzene	4.0	U	4.0	0.74	ppb v/v			05/01/21 06:43	20
1,2,4-Trimethylbenzene	**7.9**		4.0	0.94	ppb v/v			05/01/21 06:43	20
sec-Butylbenzene	**0.91**	**J**	4.0	0.78	ppb v/v			05/01/21 06:43	20
4-Isopropyltoluene	**0.96**	**J**	4.0	0.78	ppb v/v			05/01/21 06:43	20
1,3-Dichlorobenzene	4.0	U	4.0	1.8	ppb v/v			05/01/21 06:43	20
1,4-Dichlorobenzene	4.0	U	4.0	1.9	ppb v/v			05/01/21 06:43	20
Benzyl chloride	4.0	U	4.0	1.5	ppb v/v			05/01/21 06:43	20
n-Butylbenzene	4.0	U	4.0	1.1	ppb v/v			05/01/21 06:43	20
1,2-Dichlorobenzene	4.0	U	4.0	1.4	ppb v/v			05/01/21 06:43	20
1,2,4-Trichlorobenzene	10	U	10	3.8	ppb v/v			05/01/21 06:43	20
Hexachlorobutadiene	4.0	U	4.0	0.62	ppb v/v			05/01/21 06:43	20
Naphthalene	10	U	10	3.4	ppb v/v			05/01/21 06:43	20

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	RL	MDL	Units
1,1,1-Trichloroethane	1.1	0.21	ug/m3
1,1,1-Trichloroethane	0.20	0.039	ppb v/v
1,1,2,2-Tetrachloroethane	1.4	0.30	ug/m3
1,1,2,2-Tetrachloroethane	0.20	0.043	ppb v/v
1,1,2-Trichloroethane	1.1	0.19	ug/m3
1,1,2-Trichloroethane	0.20	0.034	ppb v/v
1,1,2-Trichlorotrifluoroethane	1.5	0.42	ug/m3
1,1,2-Trichlorotrifluoroethane	0.20	0.055	ppb v/v
1,1-Dichloroethane	0.81	0.12	ug/m3
1,1-Dichloroethane	0.20	0.029	ppb v/v
1,1-Dichloroethene	0.20	0.11	ug/m3
1,1-Dichloroethene	0.050	0.029	ppb v/v
1,2,4-Trichlorobenzene	3.7	1.4	ug/m3
1,2,4-Trichlorobenzene	0.50	0.19	ppb v/v
1,2,4-Trimethylbenzene	0.98	0.23	ug/m3
1,2,4-Trimethylbenzene	0.20	0.047	ppb v/v
1,2-Dibromoethane	1.5	0.35	ug/m3
1,2-Dibromoethane	0.20	0.046	ppb v/v
1,2-Dichlorobenzene	1.2	0.42	ug/m3
1,2-Dichlorobenzene	0.20	0.070	ppb v/v
1,2-Dichloroethane	0.81	0.61	ug/m3
1,2-Dichloroethane	0.20	0.15	ppb v/v
1,2-Dichloropropane	0.92	0.40	ug/m3
1,2-Dichloropropane	0.20	0.087	ppb v/v
1,2-Dichlorotetrafluoroethane	1.4	0.38	ug/m3
1,2-Dichlorotetrafluoroethane	0.20	0.055	ppb v/v
1,3,5-Trimethylbenzene	0.98	0.22	ug/m3
1,3,5-Trimethylbenzene	0.20	0.044	ppb v/v
1,3-Butadiene	0.44	0.084	ug/m3
1,3-Butadiene	0.20	0.038	ppb v/v
1,3-Dichlorobenzene	1.2	0.54	ug/m3
1,3-Dichlorobenzene	0.20	0.089	ppb v/v
1,4-Dichlorobenzene	1.2	0.57	ug/m3
1,4-Dichlorobenzene	0.20	0.095	ppb v/v
1,4-Dioxane	18	6.1	ug/m3
1,4-Dioxane	5.0	1.7	ppb v/v
2,2,4-Trimethylpentane	0.93	0.16	ug/m3
2,2,4-Trimethylpentane	0.20	0.035	ppb v/v
2-Chlorotoluene	1.0	0.25	ug/m3
2-Chlorotoluene	0.20	0.048	ppb v/v
3-Chloropropene	1.6	0.34	ug/m3
3-Chloropropene	0.50	0.11	ppb v/v
4-Ethyltoluene	0.98	0.25	ug/m3
4-Ethyltoluene	0.20	0.051	ppb v/v
4-Isopropyltoluene	1.1	0.21	ug/m3
4-Isopropyltoluene	0.20	0.039	ppb v/v
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	0.78	ug/m3
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	0.19	ppb v/v
Acetone	12	4.8	ug/m3
Acetone	5.0	2.0	ppb v/v
Benzene	0.64	0.24	ug/m3
Benzene	0.20	0.074	ppb v/v
Benzyl chloride	1.0	0.38	ug/m3

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	RL	MDL	Units
Benzyl chloride	0.20	0.074	ppb v/v
Bromodichloromethane	1.3	0.27	ug/m3
Bromodichloromethane	0.20	0.040	ppb v/v
Bromoethene(Vinyl Bromide)	0.87	0.37	ug/m3
Bromoethene(Vinyl Bromide)	0.20	0.085	ppb v/v
Bromoform	2.1	0.60	ug/m3
Bromoform	0.20	0.058	ppb v/v
Bromomethane	0.78	0.20	ug/m3
Bromomethane	0.20	0.052	ppb v/v
Carbon disulfide	1.6	0.40	ug/m3
Carbon disulfide	0.50	0.13	ppb v/v
Carbon tetrachloride	0.22	0.20	ug/m3
Carbon tetrachloride	0.035	0.032	ppb v/v
Chlorobenzene	0.92	0.20	ug/m3
Chlorobenzene	0.20	0.043	ppb v/v
Chlorodifluoromethane	1.8	0.39	ug/m3
Chlorodifluoromethane	0.50	0.11	ppb v/v
Chloroethane	1.3	0.66	ug/m3
Chloroethane	0.50	0.25	ppb v/v
Chloroform	0.98	0.22	ug/m3
Chloroform	0.20	0.046	ppb v/v
Chloromethane	1.0	0.25	ug/m3
Chloromethane	0.50	0.12	ppb v/v
cis-1,2-Dichloroethene	0.20	0.13	ug/m3
cis-1,2-Dichloroethene	0.050	0.033	ppb v/v
cis-1,3-Dichloropropene	0.91	0.091	ug/m3
cis-1,3-Dichloropropene	0.20	0.020	ppb v/v
Cumene	0.98	0.18	ug/m3
Cumene	0.20	0.037	ppb v/v
Cyclohexane	0.69	0.12	ug/m3
Cyclohexane	0.20	0.035	ppb v/v
Dibromochloromethane	1.7	0.26	ug/m3
Dibromochloromethane	0.20	0.031	ppb v/v
Dichlorodifluoromethane	2.5	0.54	ug/m3
Dichlorodifluoromethane	0.50	0.11	ppb v/v
Ethylbenzene	0.87	0.43	ug/m3
Ethylbenzene	0.20	0.10	ppb v/v
Hexachlorobutadiene	2.1	0.33	ug/m3
Hexachlorobutadiene	0.20	0.031	ppb v/v
Isopropyl alcohol	12	2.4	ug/m3
Isopropyl alcohol	5.0	0.98	ppb v/v
m,p-Xylene	2.2	0.74	ug/m3
m,p-Xylene	0.50	0.17	ppb v/v
Methyl Butyl Ketone (2-Hexanone)	2.0	0.82	ug/m3
Methyl Butyl Ketone (2-Hexanone)	0.50	0.20	ppb v/v
Methyl Ethyl Ketone (2-Butanone)	1.5	0.50	ug/m3
Methyl Ethyl Ketone (2-Butanone)	0.50	0.17	ppb v/v
Methyl methacrylate	2.0	0.66	ug/m3
Methyl methacrylate	0.50	0.16	ppb v/v
Methyl tert-butyl ether	0.72	0.29	ug/m3
Methyl tert-butyl ether	0.20	0.080	ppb v/v
Methylene Chloride	1.7	0.59	ug/m3
Methylene Chloride	0.50	0.17	ppb v/v

Default Detection Limits

Client: AKRF Inc
Job ID: 200-58258-1
Project/Site: Brookfield Commons - 159 South Lexington

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	RL	MDL	Units
Naphthalene	2.6	0.89	ug/m3
Naphthalene	0.50	0.17	ppb v/v
n-Butane	1.2	0.45	ug/m3
n-Butane	0.50	0.19	ppb v/v
n-Butylbenzene	1.1	0.30	ug/m3
n-Butylbenzene	0.20	0.055	ppb v/v
n-Heptane	0.82	0.24	ug/m3
n-Heptane	0.20	0.059	ppb v/v
n-Hexane	0.70	0.81	ug/m3
n-Hexane	0.20	0.23	ppb v/v
n-Propylbenzene	0.98	0.23	ug/m3
n-Propylbenzene	0.20	0.047	ppb v/v
o-Xylene	0.87	0.41	ug/m3
o-Xylene	0.20	0.094	ppb v/v
sec-Butylbenzene	1.1	0.21	ug/m3
sec-Butylbenzene	0.20	0.039	ppb v/v
Styrene	0.85	0.14	ug/m3
Styrene	0.20	0.032	ppb v/v
tert-Butyl alcohol	15	3.6	ug/m3
tert-Butyl alcohol	5.0	1.2	ppb v/v
tert-Butylbenzene	1.1	0.20	ug/m3
tert-Butylbenzene	0.20	0.037	ppb v/v
Tetrachloroethene	1.4	0.18	ug/m3
Tetrachloroethene	0.20	0.027	ppb v/v
Tetrahydrofuran	15	3.5	ug/m3
Tetrahydrofuran	5.0	1.2	ppb v/v
Toluene	0.75	0.35	ug/m3
Toluene	0.20	0.093	ppb v/v
trans-1,2-Dichloroethene	0.79	0.35	ug/m3
trans-1,2-Dichloroethene	0.20	0.088	ppb v/v
trans-1,3-Dichloropropene	0.91	0.40	ug/m3
trans-1,3-Dichloropropene	0.20	0.089	ppb v/v
Trichloroethene	0.20	0.13	ug/m3
Trichloroethene	0.037	0.024	ppb v/v
Trichlorofluoromethane	1.1	0.29	ug/m3
Trichlorofluoromethane	0.20	0.052	ppb v/v
Vinyl chloride	0.20	0.072	ug/m3
Vinyl chloride	0.078	0.028	ppb v/v

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-166352/4
Matrix: Air
Analysis Batch: 166352

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			04/30/21 10:06	1
Chlorodifluoromethane	1.8	U	1.8	0.39	ug/m3			04/30/21 10:06	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			04/30/21 10:06	1
Chloromethane	1.0	U	1.0	0.25	ug/m3			04/30/21 10:06	1
n-Butane	1.2	U	1.2	0.45	ug/m3			04/30/21 10:06	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			04/30/21 10:06	1
1,3-Butadiene	0.44	U	0.44	0.084	ug/m3			04/30/21 10:06	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			04/30/21 10:06	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			04/30/21 10:06	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			04/30/21 10:06	1
Trichlorofluoromethane	1.1	U	1.1	0.29	ug/m3			04/30/21 10:06	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.42	ug/m3			04/30/21 10:06	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			04/30/21 10:06	1
Acetone	12	U	12	4.8	ug/m3			04/30/21 10:06	1
Isopropyl alcohol	12	U	12	2.4	ug/m3			04/30/21 10:06	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			04/30/21 10:06	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			04/30/21 10:06	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			04/30/21 10:06	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/30/21 10:06	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			04/30/21 10:06	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			04/30/21 10:06	1
n-Hexane	0.70	U	0.70	0.81	ug/m3			04/30/21 10:06	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			04/30/21 10:06	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	0.50	ug/m3			04/30/21 10:06	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			04/30/21 10:06	1
Chloroform	0.98	U	0.98	0.22	ug/m3			04/30/21 10:06	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			04/30/21 10:06	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			04/30/21 10:06	1
Cyclohexane	0.69	U	0.69	0.12	ug/m3			04/30/21 10:06	1
Carbon tetrachloride	0.22	U	0.22	0.20	ug/m3			04/30/21 10:06	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.16	ug/m3			04/30/21 10:06	1
Benzene	0.64	U	0.64	0.24	ug/m3			04/30/21 10:06	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			04/30/21 10:06	1
n-Heptane	0.82	U	0.82	0.24	ug/m3			04/30/21 10:06	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/30/21 10:06	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			04/30/21 10:06	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			04/30/21 10:06	1
1,4-Dioxane	18	U	18	6.1	ug/m3			04/30/21 10:06	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			04/30/21 10:06	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			04/30/21 10:06	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			04/30/21 10:06	1
Toluene	0.75	U	0.75	0.35	ug/m3			04/30/21 10:06	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			04/30/21 10:06	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			04/30/21 10:06	1
Tetrachloroethene	1.4	U	1.4	0.18	ug/m3			04/30/21 10:06	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			04/30/21 10:06	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			04/30/21 10:06	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			04/30/21 10:06	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-166352/4
Matrix: Air
Analysis Batch: 166352

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/30/21 10:06	1
Ethylbenzene	0.87	U	0.87	0.43	ug/m3			04/30/21 10:06	1
m,p-Xylene	2.2	U	2.2	0.74	ug/m3			04/30/21 10:06	1
o-Xylene	0.87	U	0.87	0.41	ug/m3			04/30/21 10:06	1
Styrene	0.85	U	0.85	0.14	ug/m3			04/30/21 10:06	1
Bromoform	2.1	U	2.1	0.60	ug/m3			04/30/21 10:06	1
Cumene	0.98	U	0.98	0.18	ug/m3			04/30/21 10:06	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/30/21 10:06	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			04/30/21 10:06	1
4-Ethyltoluene	0.98	U	0.98	0.25	ug/m3			04/30/21 10:06	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			04/30/21 10:06	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			04/30/21 10:06	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			04/30/21 10:06	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			04/30/21 10:06	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			04/30/21 10:06	1
4-Isopropyltoluene	1.1	U	1.1	0.21	ug/m3			04/30/21 10:06	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/30/21 10:06	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			04/30/21 10:06	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			04/30/21 10:06	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			04/30/21 10:06	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			04/30/21 10:06	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			04/30/21 10:06	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			04/30/21 10:06	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			04/30/21 10:06	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			04/30/21 10:06	1
Chlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			04/30/21 10:06	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			04/30/21 10:06	1
Chloromethane	0.50	U	0.50	0.12	ppb v/v			04/30/21 10:06	1
n-Butane	0.50	U	0.50	0.19	ppb v/v			04/30/21 10:06	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			04/30/21 10:06	1
1,3-Butadiene	0.20	U	0.20	0.038	ppb v/v			04/30/21 10:06	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			04/30/21 10:06	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			04/30/21 10:06	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			04/30/21 10:06	1
Trichlorofluoromethane	0.20	U	0.20	0.052	ppb v/v			04/30/21 10:06	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.055	ppb v/v			04/30/21 10:06	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			04/30/21 10:06	1
Acetone	5.0	U	5.0	2.0	ppb v/v			04/30/21 10:06	1
Isopropyl alcohol	5.0	U	5.0	0.98	ppb v/v			04/30/21 10:06	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			04/30/21 10:06	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			04/30/21 10:06	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			04/30/21 10:06	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			04/30/21 10:06	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			04/30/21 10:06	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			04/30/21 10:06	1
n-Hexane	0.20	U	0.20	0.23	ppb v/v			04/30/21 10:06	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			04/30/21 10:06	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-166352/4
Matrix: Air
Analysis Batch: 166352

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.17	ppb v/v			04/30/21 10:06	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			04/30/21 10:06	1
Chloroform	0.20	U	0.20	0.046	ppb v/v			04/30/21 10:06	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			04/30/21 10:06	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			04/30/21 10:06	1
Cyclohexane	0.20	U	0.20	0.035	ppb v/v			04/30/21 10:06	1
Carbon tetrachloride	0.035	U	0.035	0.032	ppb v/v			04/30/21 10:06	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.035	ppb v/v			04/30/21 10:06	1
Benzene	0.20	U	0.20	0.074	ppb v/v			04/30/21 10:06	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			04/30/21 10:06	1
n-Heptane	0.20	U	0.20	0.059	ppb v/v			04/30/21 10:06	1
Trichloroethene	0.037	U	0.037	0.024	ppb v/v			04/30/21 10:06	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			04/30/21 10:06	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			04/30/21 10:06	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			04/30/21 10:06	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			04/30/21 10:06	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			04/30/21 10:06	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			04/30/21 10:06	1
Toluene	0.20	U	0.20	0.093	ppb v/v			04/30/21 10:06	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			04/30/21 10:06	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			04/30/21 10:06	1
Tetrachloroethene	0.20	U	0.20	0.027	ppb v/v			04/30/21 10:06	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			04/30/21 10:06	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			04/30/21 10:06	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			04/30/21 10:06	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			04/30/21 10:06	1
Ethylbenzene	0.20	U	0.20	0.10	ppb v/v			04/30/21 10:06	1
m,p-Xylene	0.50	U	0.50	0.17	ppb v/v			04/30/21 10:06	1
o-Xylene	0.20	U	0.20	0.094	ppb v/v			04/30/21 10:06	1
Styrene	0.20	U	0.20	0.032	ppb v/v			04/30/21 10:06	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			04/30/21 10:06	1
Cumene	0.20	U	0.20	0.037	ppb v/v			04/30/21 10:06	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			04/30/21 10:06	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			04/30/21 10:06	1
4-Ethyltoluene	0.20	U	0.20	0.051	ppb v/v			04/30/21 10:06	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			04/30/21 10:06	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			04/30/21 10:06	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			04/30/21 10:06	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			04/30/21 10:06	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			04/30/21 10:06	1
4-Isopropyltoluene	0.20	U	0.20	0.039	ppb v/v			04/30/21 10:06	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			04/30/21 10:06	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			04/30/21 10:06	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			04/30/21 10:06	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			04/30/21 10:06	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			04/30/21 10:06	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			04/30/21 10:06	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			04/30/21 10:06	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-166352/4
Matrix: Air
Analysis Batch: 166352

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.50	U	0.50	0.17	ppb v/v			04/30/21 10:06	1

Lab Sample ID: LCS 200-166352/3
Matrix: Air
Analysis Batch: 166352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	52.3	53.0		ug/m3		101	61 - 142
Chlorodifluoromethane	37.4	40.2		ug/m3		107	60 - 147
1,2-Dichlorotetrafluoroethane	74.0	75.4		ug/m3		102	71 - 141
Chloromethane	20.5	24.1		ug/m3		117	56 - 141
n-Butane	24.5	27.4		ug/m3		112	53 - 151
Vinyl chloride	25.5	28.7		ug/m3		112	61 - 135
1,3-Butadiene	21.5	24.9		ug/m3		116	58 - 139
Bromomethane	40.4	40.4		ug/m3		100	72 - 124
Chloroethane	27.9	28.4		ug/m3		102	68 - 130
Bromoethene(Vinyl Bromide)	44.0	45.3		ug/m3		103	75 - 125
Trichlorofluoromethane	58.5	62.0		ug/m3		106	70 - 129
1,1,2-Trichlorotrifluoroethane	81.8	83.0		ug/m3		101	70 - 121
1,1-Dichloroethene	40.4	40.6		ug/m3		100	68 - 120
Acetone	24.8	25.7		ug/m3		104	54 - 154
Isopropyl alcohol	25.0	27.2		ug/m3		109	53 - 142
Carbon disulfide	32.3	33.1		ug/m3		103	71 - 138
3-Chloropropene	33.6	36.1		ug/m3		108	50 - 150
Methylene Chloride	35.6	38.7		ug/m3		109	59 - 137
tert-Butyl alcohol	32.7	36.5		ug/m3		111	66 - 132
Methyl tert-butyl ether	38.1	39.2		ug/m3		103	70 - 127
trans-1,2-Dichloroethene	40.9	44.7		ug/m3		109	69 - 137
n-Hexane	36.9	38.3		ug/m3		104	63 - 138
1,1-Dichloroethane	41.6	43.8		ug/m3		105	66 - 130
Methyl Ethyl Ketone (2-Butanone)	30.5	30.7		ug/m3		101	72 - 124
cis-1,2-Dichloroethene	41.1	44.0		ug/m3		107	72 - 121
Chloroform	50.4	51.5		ug/m3		102	73 - 124
Tetrahydrofuran	28.9	32.6		ug/m3		113	60 - 149
1,1,1-Trichloroethane	56.3	59.7		ug/m3		106	72 - 127
Cyclohexane	35.2	35.4		ug/m3		101	76 - 124
Carbon tetrachloride	63.2	70.1		ug/m3		111	71 - 133
2,2,4-Trimethylpentane	47.4	52.0		ug/m3		110	68 - 131
Benzene	33.2	33.6		ug/m3		101	73 - 119
1,2-Dichloroethane	42.3	46.4		ug/m3		110	68 - 135
n-Heptane	42.2	47.0		ug/m3		111	60 - 142
Trichloroethene	55.3	59.9		ug/m3		108	73 - 122
Methyl methacrylate	41.8	44.5		ug/m3		106	73 - 129
1,2-Dichloropropane	47.8	51.4		ug/m3		107	69 - 128
1,4-Dioxane	37.1	43.3		ug/m3		117	66 - 129
Bromodichloromethane	68.9	77.1		ug/m3		112	75 - 127
cis-1,3-Dichloropropene	45.1	50.2		ug/m3		111	74 - 125

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-166352/3
Matrix: Air
Analysis Batch: 166352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	47.6		ug/m3		114	58 - 144
Toluene	38.4	39.3		ug/m3		102	75 - 122
trans-1,3-Dichloropropene	44.7	49.3		ug/m3		110	74 - 128
1,1,2-Trichloroethane	57.2	61.0		ug/m3		107	75 - 126
Tetrachloroethene	71.0	70.6		ug/m3		99	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.4	49.3		ug/m3		119	57 - 143
Dibromochloromethane	90.3	88.7		ug/m3		98	73 - 125
1,2-Dibromoethane	81.9	87.9		ug/m3		107	78 - 122
Chlorobenzene	48.3	50.0		ug/m3		103	76 - 119
Ethylbenzene	44.4	47.5		ug/m3		107	74 - 122
m,p-Xylene	86.8	94.4		ug/m3		109	76 - 121
o-Xylene	45.0	48.0		ug/m3		107	73 - 123
Styrene	43.8	49.2		ug/m3		112	74 - 125
Bromoform	106	119		ug/m3		111	53 - 149
Cumene	51.4	55.2		ug/m3		107	73 - 123
1,1,2,2-Tetrachloroethane	71.0	79.5		ug/m3		112	74 - 126
n-Propylbenzene	50.9	56.7		ug/m3		111	73 - 127
4-Ethyltoluene	50.4	56.6		ug/m3		112	75 - 129
1,3,5-Trimethylbenzene	51.6	55.8		ug/m3		108	72 - 126
2-Chlorotoluene	54.0	59.7		ug/m3		111	74 - 126
tert-Butylbenzene	57.1	60.9		ug/m3		107	71 - 125
1,2,4-Trimethylbenzene	51.3	56.8		ug/m3		111	71 - 129
sec-Butylbenzene	57.4	63.1		ug/m3		110	70 - 128
4-Isopropyltoluene	57.6	61.9		ug/m3		107	68 - 130
1,3-Dichlorobenzene	61.1	70.6		ug/m3		115	69 - 131
1,4-Dichlorobenzene	62.5	70.3		ug/m3		112	67 - 132
Benzyl chloride	52.6	63.9		ug/m3		122	60 - 136
n-Butylbenzene	57.7	65.8		ug/m3		114	65 - 137
1,2-Dichlorobenzene	64.7	70.3		ug/m3		109	68 - 129
1,2,4-Trichlorobenzene	81.5	95.6		ug/m3		117	50 - 150
Hexachlorobutadiene	116	116		ug/m3		101	58 - 130
Naphthalene	55.0	63.7		ug/m3		116	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	11	10.7		ppb v/v		101	61 - 142
Chlorodifluoromethane	11	11.4		ppb v/v		107	60 - 147
1,2-Dichlorotetrafluoroethane	11	10.8		ppb v/v		102	71 - 141
Chloromethane	9.9	11.7		ppb v/v		117	56 - 141
n-Butane	10	11.5		ppb v/v		112	53 - 151
Vinyl chloride	10	11.2		ppb v/v		112	61 - 135
1,3-Butadiene	9.7	11.3		ppb v/v		116	58 - 139
Bromomethane	10	10.4		ppb v/v		100	72 - 124
Chloroethane	11	10.8		ppb v/v		102	68 - 130
Bromoethene(Vinyl Bromide)	10	10.4		ppb v/v		103	75 - 125
Trichlorofluoromethane	10	11.0		ppb v/v		106	70 - 129
1,1,2-Trichlorotrifluoroethane	11	10.8		ppb v/v		101	70 - 121
1,1-Dichloroethene	10	10.2		ppb v/v		100	68 - 120

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-166352/3
Matrix: Air
Analysis Batch: 166352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10	10.8		ppb v/v		104	54 - 154
Isopropyl alcohol	10	11.0		ppb v/v		109	53 - 142
Carbon disulfide	10	10.6		ppb v/v		103	71 - 138
3-Chloropropene	11	11.5		ppb v/v		108	50 - 150
Methylene Chloride	10	11.1		ppb v/v		109	59 - 137
tert-Butyl alcohol	11	12.0		ppb v/v		111	66 - 132
Methyl tert-butyl ether	11	10.9		ppb v/v		103	70 - 127
trans-1,2-Dichloroethene	10	11.3		ppb v/v		109	69 - 137
n-Hexane	10	10.9		ppb v/v		104	63 - 138
1,1-Dichloroethane	10	10.8		ppb v/v		105	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	10.4		ppb v/v		101	72 - 124
cis-1,2-Dichloroethene	10	11.1		ppb v/v		107	72 - 121
Chloroform	10	10.5		ppb v/v		102	73 - 124
Tetrahydrofuran	9.8	11.0		ppb v/v		113	60 - 149
1,1,1-Trichloroethane	10	10.9		ppb v/v		106	72 - 127
Cyclohexane	10	10.3		ppb v/v		101	76 - 124
Carbon tetrachloride	10	11.1		ppb v/v		111	71 - 133
2,2,4-Trimethylpentane	10	11.1		ppb v/v		110	68 - 131
Benzene	10	10.5		ppb v/v		101	73 - 119
1,2-Dichloroethane	10	11.5		ppb v/v		110	68 - 135
n-Heptane	10	11.5		ppb v/v		111	60 - 142
Trichloroethene	10	11.1		ppb v/v		108	73 - 122
Methyl methacrylate	10	10.9		ppb v/v		106	73 - 129
1,2-Dichloropropane	10	11.1		ppb v/v		107	69 - 128
1,4-Dioxane	10	12.0		ppb v/v		117	66 - 129
Bromodichloromethane	10	11.5		ppb v/v		112	75 - 127
cis-1,3-Dichloropropene	9.9	11.1		ppb v/v		111	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	11.6		ppb v/v		114	58 - 144
Toluene	10	10.4		ppb v/v		102	75 - 122
trans-1,3-Dichloropropene	9.8	10.9		ppb v/v		110	74 - 128
1,1,2-Trichloroethane	10	11.2		ppb v/v		107	75 - 126
Tetrachloroethene	10	10.4		ppb v/v		99	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	12.0		ppb v/v		119	57 - 143
Dibromochloromethane	11	10.4		ppb v/v		98	73 - 125
1,2-Dibromoethane	11	11.4		ppb v/v		107	78 - 122
Chlorobenzene	10	10.9		ppb v/v		103	76 - 119
Ethylbenzene	10	10.9		ppb v/v		107	74 - 122
m,p-Xylene	20	21.7		ppb v/v		109	76 - 121
o-Xylene	10	11.1		ppb v/v		107	73 - 123
Styrene	10	11.6		ppb v/v		112	74 - 125
Bromoform	10	11.5		ppb v/v		111	53 - 149
Cumene	10	11.2		ppb v/v		107	73 - 123
1,1,2,2-Tetrachloroethane	10	11.6		ppb v/v		112	74 - 126
n-Propylbenzene	10	11.5		ppb v/v		111	73 - 127
4-Ethyltoluene	10	11.5		ppb v/v		112	75 - 129
1,3,5-Trimethylbenzene	10	11.3		ppb v/v		108	72 - 126

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-166352/3
Matrix: Air
Analysis Batch: 166352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	10	11.5		ppb v/v		111	74 - 126
tert-Butylbenzene	10	11.1		ppb v/v		107	71 - 125
1,2,4-Trimethylbenzene	10	11.6		ppb v/v		111	71 - 129
sec-Butylbenzene	10	11.5		ppb v/v		110	70 - 128
4-Isopropyltoluene	10	11.3		ppb v/v		107	68 - 130
1,3-Dichlorobenzene	10	11.7		ppb v/v		115	69 - 131
1,4-Dichlorobenzene	10	11.7		ppb v/v		112	67 - 132
Benzyl chloride	10	12.3		ppb v/v		122	60 - 136
n-Butylbenzene	11	12.0		ppb v/v		114	65 - 137
1,2-Dichlorobenzene	11	11.7		ppb v/v		109	68 - 129
1,2,4-Trichlorobenzene	11	12.9		ppb v/v		117	50 - 150
Hexachlorobutadiene	11	10.9		ppb v/v		101	58 - 130
Naphthalene	10	12.2		ppb v/v		116	50 - 150

Lab Sample ID: MB 200-166409/5
Matrix: Air
Analysis Batch: 166409

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			05/03/21 11:08	1
Chlorodifluoromethane	1.8	U	1.8	0.39	ug/m3			05/03/21 11:08	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			05/03/21 11:08	1
Chloromethane	1.0	U	1.0	0.25	ug/m3			05/03/21 11:08	1
n-Butane	1.2	U	1.2	0.45	ug/m3			05/03/21 11:08	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			05/03/21 11:08	1
1,3-Butadiene	0.44	U	0.44	0.084	ug/m3			05/03/21 11:08	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			05/03/21 11:08	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			05/03/21 11:08	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			05/03/21 11:08	1
Trichlorofluoromethane	1.1	U	1.1	0.29	ug/m3			05/03/21 11:08	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.42	ug/m3			05/03/21 11:08	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			05/03/21 11:08	1
Acetone	12	U	12	4.8	ug/m3			05/03/21 11:08	1
Isopropyl alcohol	12	U	12	2.4	ug/m3			05/03/21 11:08	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			05/03/21 11:08	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			05/03/21 11:08	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			05/03/21 11:08	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			05/03/21 11:08	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			05/03/21 11:08	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			05/03/21 11:08	1
n-Hexane	0.70	U	0.70	0.81	ug/m3			05/03/21 11:08	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			05/03/21 11:08	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	0.50	ug/m3			05/03/21 11:08	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			05/03/21 11:08	1
Chloroform	0.98	U	0.98	0.22	ug/m3			05/03/21 11:08	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			05/03/21 11:08	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			05/03/21 11:08	1
Cyclohexane	0.69	U	0.69	0.12	ug/m3			05/03/21 11:08	1
Carbon tetrachloride	0.22	U	0.22	0.20	ug/m3			05/03/21 11:08	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-166409/5
Matrix: Air
Analysis Batch: 166409

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	0.93	U	0.93	0.16	ug/m3			05/03/21 11:08	1
Benzene	0.64	U	0.64	0.24	ug/m3			05/03/21 11:08	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			05/03/21 11:08	1
n-Heptane	0.82	U	0.82	0.24	ug/m3			05/03/21 11:08	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			05/03/21 11:08	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			05/03/21 11:08	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			05/03/21 11:08	1
1,4-Dioxane	18	U	18	6.1	ug/m3			05/03/21 11:08	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			05/03/21 11:08	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			05/03/21 11:08	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			05/03/21 11:08	1
Toluene	0.75	U	0.75	0.35	ug/m3			05/03/21 11:08	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			05/03/21 11:08	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			05/03/21 11:08	1
Tetrachloroethene	1.4	U	1.4	0.18	ug/m3			05/03/21 11:08	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			05/03/21 11:08	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			05/03/21 11:08	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			05/03/21 11:08	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			05/03/21 11:08	1
Ethylbenzene	0.87	U	0.87	0.43	ug/m3			05/03/21 11:08	1
m,p-Xylene	2.2	U	2.2	0.74	ug/m3			05/03/21 11:08	1
o-Xylene	0.87	U	0.87	0.41	ug/m3			05/03/21 11:08	1
Styrene	0.85	U	0.85	0.14	ug/m3			05/03/21 11:08	1
Bromoform	2.1	U	2.1	0.60	ug/m3			05/03/21 11:08	1
Cumene	0.98	U	0.98	0.18	ug/m3			05/03/21 11:08	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			05/03/21 11:08	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			05/03/21 11:08	1
4-Ethyltoluene	0.98	U	0.98	0.25	ug/m3			05/03/21 11:08	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			05/03/21 11:08	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			05/03/21 11:08	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			05/03/21 11:08	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			05/03/21 11:08	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			05/03/21 11:08	1
4-Isopropyltoluene	1.1	U	1.1	0.21	ug/m3			05/03/21 11:08	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			05/03/21 11:08	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			05/03/21 11:08	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			05/03/21 11:08	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			05/03/21 11:08	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			05/03/21 11:08	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			05/03/21 11:08	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			05/03/21 11:08	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			05/03/21 11:08	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			05/03/21 11:08	1
Chlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			05/03/21 11:08	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			05/03/21 11:08	1
Chloromethane	0.50	U	0.50	0.12	ppb v/v			05/03/21 11:08	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-166409/5
Matrix: Air
Analysis Batch: 166409

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	0.50	U	0.50	0.19	ppb v/v			05/03/21 11:08	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			05/03/21 11:08	1
1,3-Butadiene	0.20	U	0.20	0.038	ppb v/v			05/03/21 11:08	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			05/03/21 11:08	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			05/03/21 11:08	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			05/03/21 11:08	1
Trichlorofluoromethane	0.20	U	0.20	0.052	ppb v/v			05/03/21 11:08	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.055	ppb v/v			05/03/21 11:08	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			05/03/21 11:08	1
Acetone	5.0	U	5.0	2.0	ppb v/v			05/03/21 11:08	1
Isopropyl alcohol	5.0	U	5.0	0.98	ppb v/v			05/03/21 11:08	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			05/03/21 11:08	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			05/03/21 11:08	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			05/03/21 11:08	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			05/03/21 11:08	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			05/03/21 11:08	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			05/03/21 11:08	1
n-Hexane	0.20	U	0.20	0.23	ppb v/v			05/03/21 11:08	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			05/03/21 11:08	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.17	ppb v/v			05/03/21 11:08	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			05/03/21 11:08	1
Chloroform	0.20	U	0.20	0.046	ppb v/v			05/03/21 11:08	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			05/03/21 11:08	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			05/03/21 11:08	1
Cyclohexane	0.20	U	0.20	0.035	ppb v/v			05/03/21 11:08	1
Carbon tetrachloride	0.035	U	0.035	0.032	ppb v/v			05/03/21 11:08	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.035	ppb v/v			05/03/21 11:08	1
Benzene	0.20	U	0.20	0.074	ppb v/v			05/03/21 11:08	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			05/03/21 11:08	1
n-Heptane	0.20	U	0.20	0.059	ppb v/v			05/03/21 11:08	1
Trichloroethene	0.037	U	0.037	0.024	ppb v/v			05/03/21 11:08	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			05/03/21 11:08	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			05/03/21 11:08	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			05/03/21 11:08	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			05/03/21 11:08	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			05/03/21 11:08	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			05/03/21 11:08	1
Toluene	0.20	U	0.20	0.093	ppb v/v			05/03/21 11:08	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			05/03/21 11:08	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			05/03/21 11:08	1
Tetrachloroethene	0.20	U	0.20	0.027	ppb v/v			05/03/21 11:08	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			05/03/21 11:08	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			05/03/21 11:08	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			05/03/21 11:08	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			05/03/21 11:08	1
Ethylbenzene	0.20	U	0.20	0.10	ppb v/v			05/03/21 11:08	1
m,p-Xylene	0.50	U	0.50	0.17	ppb v/v			05/03/21 11:08	1
o-Xylene	0.20	U	0.20	0.094	ppb v/v			05/03/21 11:08	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-166409/5
Matrix: Air
Analysis Batch: 166409

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.20	U	0.20	0.032	ppb v/v			05/03/21 11:08	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			05/03/21 11:08	1
Cumene	0.20	U	0.20	0.037	ppb v/v			05/03/21 11:08	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			05/03/21 11:08	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			05/03/21 11:08	1
4-Ethyltoluene	0.20	U	0.20	0.051	ppb v/v			05/03/21 11:08	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			05/03/21 11:08	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			05/03/21 11:08	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			05/03/21 11:08	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			05/03/21 11:08	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			05/03/21 11:08	1
4-Isopropyltoluene	0.20	U	0.20	0.039	ppb v/v			05/03/21 11:08	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			05/03/21 11:08	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			05/03/21 11:08	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			05/03/21 11:08	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			05/03/21 11:08	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			05/03/21 11:08	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			05/03/21 11:08	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			05/03/21 11:08	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			05/03/21 11:08	1

Lab Sample ID: LCS 200-166409/3
Matrix: Air
Analysis Batch: 166409

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	52.3	52.4		ug/m3		100	61 - 142
Chlorodifluoromethane	37.4	37.1		ug/m3		99	60 - 147
1,2-Dichlorotetrafluoroethane	74.0	70.2		ug/m3		95	71 - 141
Chloromethane	20.5	22.1		ug/m3		108	56 - 141
n-Butane	24.5	24.6		ug/m3		100	53 - 151
Vinyl chloride	25.5	24.3		ug/m3		95	61 - 135
1,3-Butadiene	21.5	21.5		ug/m3		100	58 - 139
Bromomethane	40.4	38.1		ug/m3		94	72 - 124
Chloroethane	27.9	27.8		ug/m3		100	68 - 130
Bromoethene(Vinyl Bromide)	44.0	44.0		ug/m3		100	75 - 125
Trichlorofluoromethane	58.5	58.4		ug/m3		100	70 - 129
1,1,2-Trichlorotrifluoroethane	81.8	76.1		ug/m3		93	70 - 121
1,1-Dichloroethene	40.4	37.8		ug/m3		94	68 - 120
Acetone	24.8	25.0		ug/m3		101	54 - 154
Isopropyl alcohol	25.0	23.2		ug/m3		93	53 - 142
Carbon disulfide	32.3	31.2		ug/m3		97	71 - 138
3-Chloropropene	33.6	33.4		ug/m3		99	50 - 150
Methylene Chloride	35.6	33.9		ug/m3		95	59 - 137
tert-Butyl alcohol	32.7	31.3		ug/m3		96	66 - 132
Methyl tert-butyl ether	38.1	36.2		ug/m3		95	70 - 127
trans-1,2-Dichloroethene	40.9	37.4		ug/m3		91	69 - 137
n-Hexane	36.9	32.9		ug/m3		89	63 - 138
1,1-Dichloroethane	41.6	39.1		ug/m3		94	66 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-166409/3
Matrix: Air
Analysis Batch: 166409

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl Ethyl Ketone (2-Butanone)	30.5	27.1		ug/m3		89	72 - 124
cis-1,2-Dichloroethene	41.1	39.1		ug/m3		95	72 - 121
Chloroform	50.4	47.0		ug/m3		93	73 - 124
Tetrahydrofuran	28.9	27.3		ug/m3		94	60 - 149
1,1,1-Trichloroethane	56.3	48.3		ug/m3		86	72 - 127
Cyclohexane	35.2	29.7		ug/m3		85	76 - 124
Carbon tetrachloride	63.2	58.5		ug/m3		93	71 - 133
2,2,4-Trimethylpentane	47.4	41.3		ug/m3		87	68 - 131
Benzene	33.2	26.6		ug/m3		80	73 - 119
1,2-Dichloroethane	42.3	36.8		ug/m3		87	68 - 135
n-Heptane	42.2	36.8		ug/m3		87	60 - 142
Trichloroethene	55.3	50.0		ug/m3		90	73 - 122
Methyl methacrylate	41.8	36.6		ug/m3		88	73 - 129
1,2-Dichloropropane	47.8	39.5		ug/m3		83	69 - 128
1,4-Dioxane	37.1	32.9		ug/m3		89	66 - 129
Bromodichloromethane	68.9	65.8		ug/m3		96	75 - 127
cis-1,3-Dichloropropene	45.1	42.4		ug/m3		94	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	36.0		ug/m3		86	58 - 144
Toluene	38.4	32.7		ug/m3		85	75 - 122
trans-1,3-Dichloropropene	44.7	40.9		ug/m3		92	74 - 128
1,1,2-Trichloroethane	57.2	50.3		ug/m3		88	75 - 126
Tetrachloroethene	71.0	63.5		ug/m3		89	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.4	35.4		ug/m3		85	57 - 143
Dibromochloromethane	90.3	80.4		ug/m3		89	73 - 125
1,2-Dibromoethane	81.9	75.8		ug/m3		93	78 - 122
Chlorobenzene	48.3	43.7		ug/m3		90	76 - 119
Ethylbenzene	44.4	37.8		ug/m3		85	74 - 122
m,p-Xylene	86.8	81.3		ug/m3		94	76 - 121
o-Xylene	45.0	37.5		ug/m3		83	73 - 123
Styrene	43.8	41.4		ug/m3		95	74 - 125
Bromoform	106	107		ug/m3		100	53 - 149
Cumene	51.4	45.4		ug/m3		88	73 - 123
1,1,2,2-Tetrachloroethane	71.0	62.9		ug/m3		89	74 - 126
n-Propylbenzene	50.9	46.3		ug/m3		91	73 - 127
4-Ethyltoluene	50.4	45.7		ug/m3		91	75 - 129
1,3,5-Trimethylbenzene	51.6	45.0		ug/m3		87	72 - 126
2-Chlorotoluene	54.0	47.8		ug/m3		88	74 - 126
tert-Butylbenzene	57.1	50.9		ug/m3		89	71 - 125
1,2,4-Trimethylbenzene	51.3	44.8		ug/m3		87	71 - 129
sec-Butylbenzene	57.4	50.4		ug/m3		88	70 - 128
4-Isopropyltoluene	57.6	49.4		ug/m3		86	68 - 130
1,3-Dichlorobenzene	61.1	56.8		ug/m3		93	69 - 131
1,4-Dichlorobenzene	62.5	58.3		ug/m3		93	67 - 132
Benzyl chloride	52.6	53.7		ug/m3		102	60 - 136
n-Butylbenzene	57.7	50.6		ug/m3		88	65 - 137
1,2-Dichlorobenzene	64.7	55.5		ug/m3		86	68 - 129

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-166409/3
Matrix: Air
Analysis Batch: 166409

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	81.5	73.4		ug/m3		90	50 - 150
Hexachlorobutadiene	116	88.8		ug/m3		77	58 - 130
Naphthalene	55.0	48.5		ug/m3		88	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	11	10.6		ppb v/v		100	61 - 142
Chlorodifluoromethane	11	10.5		ppb v/v		99	60 - 147
1,2-Dichlorotetrafluoroethane	11	10.0		ppb v/v		95	71 - 141
Chloromethane	9.9	10.7		ppb v/v		108	56 - 141
n-Butane	10	10.3		ppb v/v		100	53 - 151
Vinyl chloride	10	9.52		ppb v/v		95	61 - 135
1,3-Butadiene	9.7	9.71		ppb v/v		100	58 - 139
Bromomethane	10	9.82		ppb v/v		94	72 - 124
Chloroethane	11	10.5		ppb v/v		100	68 - 130
Bromoethene(Vinyl Bromide)	10	10.1		ppb v/v		100	75 - 125
Trichlorofluoromethane	10	10.4		ppb v/v		100	70 - 129
1,1,2-Trichlorotrifluoroethane	11	9.94		ppb v/v		93	70 - 121
1,1-Dichloroethene	10	9.53		ppb v/v		94	68 - 120
Acetone	10	10.5		ppb v/v		101	54 - 154
Isopropyl alcohol	10	9.42		ppb v/v		93	53 - 142
Carbon disulfide	10	10.0		ppb v/v		97	71 - 138
3-Chloropropene	11	10.7		ppb v/v		99	50 - 150
Methylene Chloride	10	9.77		ppb v/v		95	59 - 137
tert-Butyl alcohol	11	10.3		ppb v/v		96	66 - 132
Methyl tert-butyl ether	11	10.0		ppb v/v		95	70 - 127
trans-1,2-Dichloroethene	10	9.44		ppb v/v		91	69 - 137
n-Hexane	10	9.34		ppb v/v		89	63 - 138
1,1-Dichloroethane	10	9.67		ppb v/v		94	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.19		ppb v/v		89	72 - 124
cis-1,2-Dichloroethene	10	9.87		ppb v/v		95	72 - 121
Chloroform	10	9.63		ppb v/v		93	73 - 124
Tetrahydrofuran	9.8	9.26		ppb v/v		94	60 - 149
1,1,1-Trichloroethane	10	8.85		ppb v/v		86	72 - 127
Cyclohexane	10	8.64		ppb v/v		85	76 - 124
Carbon tetrachloride	10	9.30		ppb v/v		93	71 - 133
2,2,4-Trimethylpentane	10	8.85		ppb v/v		87	68 - 131
Benzene	10	8.33		ppb v/v		80	73 - 119
1,2-Dichloroethane	10	9.09		ppb v/v		87	68 - 135
n-Heptane	10	8.99		ppb v/v		87	60 - 142
Trichloroethene	10	9.31		ppb v/v		90	73 - 122
Methyl methacrylate	10	8.93		ppb v/v		88	73 - 129
1,2-Dichloropropane	10	8.55		ppb v/v		83	69 - 128
1,4-Dioxane	10	9.12		ppb v/v		89	66 - 129
Bromodichloromethane	10	9.83		ppb v/v		96	75 - 127
cis-1,3-Dichloropropene	9.9	9.35		ppb v/v		94	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	8.79		ppb v/v		86	58 - 144
Toluene	10	8.67		ppb v/v		85	75 - 122

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-166409/3
Matrix: Air
Analysis Batch: 166409

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	9.8	9.02		ppb v/v		92	74 - 128
1,1,2-Trichloroethane	10	9.23		ppb v/v		88	75 - 126
Tetrachloroethene	10	9.36		ppb v/v		89	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	8.63		ppb v/v		85	57 - 143
Dibromochloromethane	11	9.43		ppb v/v		89	73 - 125
1,2-Dibromoethane	11	9.87		ppb v/v		93	78 - 122
Chlorobenzene	10	9.50		ppb v/v		90	76 - 119
Ethylbenzene	10	8.71		ppb v/v		85	74 - 122
m,p-Xylene	20	18.7		ppb v/v		94	76 - 121
o-Xylene	10	8.64		ppb v/v		83	73 - 123
Styrene	10	9.73		ppb v/v		95	74 - 125
Bromoform	10	10.3		ppb v/v		100	53 - 149
Cumene	10	9.24		ppb v/v		88	73 - 123
1,1,2,2-Tetrachloroethane	10	9.16		ppb v/v		89	74 - 126
n-Propylbenzene	10	9.43		ppb v/v		91	73 - 127
4-Ethyltoluene	10	9.30		ppb v/v		91	75 - 129
1,3,5-Trimethylbenzene	10	9.16		ppb v/v		87	72 - 126
2-Chlorotoluene	10	9.22		ppb v/v		88	74 - 126
tert-Butylbenzene	10	9.27		ppb v/v		89	71 - 125
1,2,4-Trimethylbenzene	10	9.12		ppb v/v		87	71 - 129
sec-Butylbenzene	10	9.19		ppb v/v		88	70 - 128
4-Isopropyltoluene	10	9.01		ppb v/v		86	68 - 130
1,3-Dichlorobenzene	10	9.44		ppb v/v		93	69 - 131
1,4-Dichlorobenzene	10	9.70		ppb v/v		93	67 - 132
Benzyl chloride	10	10.4		ppb v/v		102	60 - 136
n-Butylbenzene	11	9.22		ppb v/v		88	65 - 137
1,2-Dichlorobenzene	11	9.23		ppb v/v		86	68 - 129
1,2,4-Trichlorobenzene	11	9.89		ppb v/v		90	50 - 150
Hexachlorobutadiene	11	8.32		ppb v/v		77	58 - 130
Naphthalene	10	9.25		ppb v/v		88	50 - 150

QC Association Summary

Client: AKRF Inc
Job ID: 200-58258-1
Project/Site: Brookfield Commons - 159 South Lexington

Air - GC/MS VOA

Analysis Batch: 166352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-58258-1	AA-01_20210428	Total/NA	Air	TO-15	
200-58258-2	SV-01_20210428	Total/NA	Air	TO-15	
200-58258-3	SV-02_20210428	Total/NA	Air	TO-15	
200-58258-4	SV-03_20210428	Total/NA	Air	TO-15	
200-58258-5	SV-04_20210428	Total/NA	Air	TO-15	
MB 200-166352/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-166352/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 166409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-58258-2 - DL	SV-01_20210428	Total/NA	Air	TO-15	
200-58258-3 - DL	SV-02_20210428	Total/NA	Air	TO-15	
200-58258-4 - DL	SV-03_20210428	Total/NA	Air	TO-15	
MB 200-166409/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-166409/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: AKRF Inc
Job ID: 200-58258-1
Project/Site: Brookfield Commons - 159 South Lexington

Client Sample ID: AA-01_20210428
Lab Sample ID: 200-58258-1
Date Collected: 04/28/21 10:56
Matrix: Air
Date Received: 04/29/21 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	166352	04/30/21 22:43	A1B	TAL BUR

Client Sample ID: SV-01_20210428
Lab Sample ID: 200-58258-2
Date Collected: 04/28/21 12:52
Matrix: Air
Date Received: 04/29/21 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	4	166409	05/03/21 14:39	TPB	TAL BUR
Total/NA	Analysis	TO-15		1	166352	04/30/21 23:36	A1B	TAL BUR

Client Sample ID: SV-02_20210428
Lab Sample ID: 200-58258-3
Date Collected: 04/28/21 12:45
Matrix: Air
Date Received: 04/29/21 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	10	166409	05/03/21 15:31	TPB	TAL BUR
Total/NA	Analysis	TO-15		1	166352	05/01/21 02:16	A1B	TAL BUR

Client Sample ID: SV-03_20210428
Lab Sample ID: 200-58258-4
Date Collected: 04/28/21 12:48
Matrix: Air
Date Received: 04/29/21 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	10	166409	05/03/21 16:24	TPB	TAL BUR
Total/NA	Analysis	TO-15		1	166352	05/01/21 04:03	A1B	TAL BUR

Client Sample ID: SV-04_20210428
Lab Sample ID: 200-58258-5
Date Collected: 04/28/21 12:38
Matrix: Air
Date Received: 04/29/21 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		20	166352	05/01/21 06:43	A1B	TAL BUR

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 200-58258-1
Project/Site: Brookfield Commons - 159 South Lexington

Laboratory: Eurofins TestAmerica, Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	Cumene
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: AKRF Inc
Job ID: 200-58258-1
Project/Site: Brookfield Commons - 159 South Lexington

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: AKRF Inc
Job ID: 200-58258-1
Project/Site: Brookfield Commons - 159 South Lexington

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-58258-1	AA-01_20210428	Air	04/28/21 10:56	04/29/21 10:45	Air Canister (6-Liter) #2988
200-58258-2	SV-01_20210428	Air	04/28/21 12:52	04/29/21 10:45	Air Canister (6-Liter) #2706
200-58258-3	SV-02_20210428	Air	04/28/21 12:45	04/29/21 10:45	Air Canister (6-Liter) #2971
200-58258-4	SV-03_20210428	Air	04/28/21 12:48	04/29/21 10:45	Air Canister (6-Liter) #5975
200-58258-5	SV-04_20210428	Air	04/28/21 12:38	04/29/21 10:45	Air Canister (6-Liter) #34000189

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-58258-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 166332

Lab Sample ID: IC 200-166332/4 Client Sample ID:

Date Analyzed: 04/29/21 17:40 Lab File ID: 200-45776-004.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	3.63	Baseline	bourdeaut	04/30/21 09:01
trans-1,2-Dichloroethene	6.84	Incomplete Integration	bourdeaut	04/30/21 09:02
1,1-Dichloroethane	7.55	Incomplete Integration	bourdeaut	04/30/21 09:02
cis-1,2-Dichloroethene	8.52	Incomplete Integration	bourdeaut	04/30/21 09:02
Carbon tetrachloride	9.78	Incomplete Integration	bourdeaut	04/30/21 09:02
Trichloroethene	11.37	Incomplete Integration	bourdeaut	04/30/21 09:02
Tetrachloroethene	15.10	Incomplete Integration	bourdeaut	04/30/21 09:03

Lab Sample ID: IC 200-166332/5 Client Sample ID:

Date Analyzed: 04/29/21 18:32 Lab File ID: 200-45776-005.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	5.57	Incomplete Integration	bourdeaut	04/30/21 09:05
cis-1,2-Dichloroethene	8.53	Incomplete Integration	bourdeaut	04/30/21 09:07
Chloroform	9.10	Incomplete Integration	bourdeaut	04/30/21 09:07
1,1,1-Trichloroethane	9.45	Incomplete Integration	bourdeaut	04/30/21 09:07
Cyclohexane	9.63	Incomplete Integration	bourdeaut	04/30/21 09:07
Benzene	10.09	Incomplete Integration	bourdeaut	04/30/21 09:08
n-Heptane	10.75	Incomplete Integration	bourdeaut	04/30/21 09:08
Trichloroethene	11.38	Incomplete Integration	bourdeaut	04/30/21 09:08
1,2-Dichloropropane	11.84	Incomplete Integration	bourdeaut	04/30/21 09:08
cis-1,3-Dichloropropene	13.28	Incomplete Integration	bourdeaut	04/30/21 09:17
1,1,2-Trichloroethane	14.82	Incomplete Integration	bourdeaut	04/30/21 09:17
Tetrachloroethene	15.09	Incomplete Integration	bourdeaut	04/30/21 09:17
m,p-Xylene	17.43	Incomplete Integration	bourdeaut	04/30/21 09:17
o-Xylene	18.25	Incomplete Integration	bourdeaut	04/30/21 09:17
tert-Butylbenzene	20.69	Incomplete Integration	bourdeaut	04/30/21 09:18
1,3-Dichlorobenzene	21.19	Incomplete Integration	bourdeaut	04/30/21 09:18

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-58258-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 166332

Lab Sample ID: IC 200-166332/6 Client Sample ID:

Date Analyzed: 04/29/21 19:26 Lab File ID: 200-45776-006.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	6.86	Incomplete Integration	bourdeaut	04/30/21 09:19
1,1,1-Trichloroethane	9.46	Incomplete Integration	bourdeaut	04/30/21 09:19
Cyclohexane	9.65	Incomplete Integration	bourdeaut	04/30/21 09:19
1,2-Dichloropropane	11.87	Incomplete Integration	bourdeaut	04/30/21 09:19
Methyl methacrylate	12.02	Incomplete Integration	bourdeaut	04/30/21 09:20
cis-1,3-Dichloropropene	13.28	Incomplete Integration	bourdeaut	04/30/21 09:20
trans-1,3-Dichloropropene	14.42	Incomplete Integration	bourdeaut	04/30/21 09:20
1,2-Dibromoethane	15.86	Incomplete Integration	bourdeaut	04/30/21 09:20
m,p-Xylene	17.44	Incomplete Integration	bourdeaut	04/30/21 09:20

Lab Sample ID: IC 200-166332/7 Client Sample ID:

Date Analyzed: 04/29/21 20:19 Lab File ID: 200-45776-007.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
m,p-Xylene	17.42	Incomplete Integration	bourdeaut	04/30/21 09:21

Lab Sample ID: ICIS 200-166332/8 Client Sample ID:

Date Analyzed: 04/29/21 21:11 Lab File ID: 200-45776-008.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromochloromethane	8.93	Peak assignment corrected	bourdeaut	04/30/21 08:59

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-58258-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 166409

Lab Sample ID: CCVIS 200-166409/2 Client Sample ID:

Date Analyzed: 05/03/21 08:29 Lab File ID: 200-45799-002.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Propylene	3.04	Split Peak	bourdeaut	05/03/21 09:36

Lab Sample ID: MB 200-166409/5 Client Sample ID:

Date Analyzed: 05/03/21 11:08 Lab File ID: 200-45799-005.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,4-Trichlorobenzene		Invalid Compound ID	bourdeaut	05/03/21 12:47
1,2,4-Trimethylbenzene		Invalid Compound ID	bourdeaut	05/03/21 12:48
1,2-Dichlorobenzene		Invalid Compound ID	bourdeaut	05/03/21 12:47
1,3-Dichlorobenzene		Invalid Compound ID	bourdeaut	05/03/21 12:47
1,4-Dichlorobenzene		Invalid Compound ID	bourdeaut	05/03/21 12:47
4-Ethyltoluene		Invalid Compound ID	bourdeaut	05/03/21 12:48
Benzyl chloride		Invalid Compound ID	bourdeaut	05/03/21 12:48
Hexachlorobutadiene		Invalid Compound ID	bourdeaut	05/03/21 12:48
n-Butylbenzene		Invalid Compound ID	bourdeaut	05/03/21 12:48
Styrene		Invalid Compound ID	bourdeaut	05/03/21 12:48

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-58258-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 166409

Lab Sample ID: 200-58258-2 DL Client Sample ID: SV-01_20210428 DL

Date Analyzed: 05/03/21 14:39 Lab File ID: 200-45799-009.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorodifluoromethane	3.12	Assign Peak	bunmaa	05/04/21 08:41
1,3-Butadiene	3.63	Assign Peak	bunmaa	05/04/21 08:41
Trichlorofluoromethane	4.72	Assign Peak	bunmaa	05/04/21 08:42
Acetone	5.59	Assign Peak	bunmaa	05/04/21 08:42
Isopropyl alcohol	5.85	Assign Peak	bunmaa	05/04/21 08:43
Cyclohexane	9.63	Assign Peak	bunmaa	05/04/21 08:50
1,1,2-Trichloroethane		Invalid Compound ID	bunmaa	05/04/21 08:51
1,2,4-Trichlorobenzene		Invalid Compound ID	bunmaa	05/04/21 08:57
1,2-Dichlorobenzene		Invalid Compound ID	bunmaa	05/04/21 08:57
2-Chlorotoluene		Invalid Compound ID	bunmaa	05/04/21 08:55
Chloroethane		Invalid Compound ID	bunmaa	05/04/21 08:42
Chloromethane		Invalid Compound ID	bunmaa	05/04/21 08:41
Cumene		Invalid Compound ID	bunmaa	05/04/21 08:53
Methyl methacrylate		Invalid Compound ID	bunmaa	05/04/21 08:51
2,2,4-Trimethylpentane	10.40	Assign Peak	bunmaa	05/04/21 08:51
4-Methyl-2-pentanone (Methyl isobutyl ketone)	13.59	Assign Peak	bunmaa	05/04/21 08:51
Methyl Butyl Ketone (2-Hexanone)	15.30	Assign Peak	bunmaa	05/04/21 08:52
Ethylbenzene	17.16	Assign Peak	bunmaa	05/04/21 08:52
o-Xylene	18.24	Assign Peak	bunmaa	05/04/21 08:52
Styrene	18.28	Assign Peak	bunmaa	05/04/21 08:53
n-Propylbenzene	19.84	Assign Peak	bunmaa	05/04/21 08:54
4-Ethyltoluene	20.07	Assign Peak	bunmaa	05/04/21 08:55
1,3,5-Trimethylbenzene	20.16	Assign Peak	bunmaa	05/04/21 08:55
1,2,4-Trimethylbenzene	20.78	Assign Peak	bunmaa	05/04/21 08:56
sec-Butylbenzene	21.03	Assign Peak	bunmaa	05/04/21 08:56
n-Butylbenzene	21.84	Assign Peak	bunmaa	05/04/21 08:57

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-58258-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 166409

Lab Sample ID: 200-58258-3 DL Client Sample ID: SV-02_20210428 DL

Date Analyzed: 05/03/21 15:31 Lab File ID: 200-45799-010.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,4-Trichlorobenzene		Invalid Compound ID	bunmaa	05/04/21 09:04
1,2-Dichlorotetrafluoroethane		Invalid Compound ID	bunmaa	05/04/21 08:58
1,3-Butadiene		Invalid Compound ID	bunmaa	05/04/21 08:58
4-Methyl-2-pentanone (Methyl isobutyl ketone)		Invalid Compound ID	bunmaa	05/04/21 09:01
Benzyl chloride		Invalid Compound ID	bunmaa	05/04/21 09:04
Chloromethane		Invalid Compound ID	bunmaa	05/04/21 08:58
Cyclohexane		Invalid Compound ID	bunmaa	05/04/21 09:00
Naphthalene		Invalid Compound ID	bunmaa	05/04/21 09:04
n-Hexane		Invalid Compound ID	bunmaa	05/04/21 08:59
Benzene	10.11	Assign Peak	bunmaa	05/04/21 09:00
2,2,4-Trimethylpentane	10.39	Assign Peak	bunmaa	05/04/21 09:00
Toluene	14.01	Assign Peak	bunmaa	05/04/21 09:02
Ethylbenzene	17.15	Assign Peak	bunmaa	05/04/21 09:02
m,p-Xylene	17.43	Assign Peak	bunmaa	05/04/21 09:02
4-Ethyltoluene	20.07	Assign Peak	bunmaa	05/04/21 09:03
4-Isopropyltoluene	21.28	Assign Peak	bunmaa	05/04/21 09:04

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-58258-1

SDG No.:

Instrument ID: CHG.i Analysis Batch Number: 166409

Lab Sample ID: 200-58258-4 DL Client Sample ID: SV-03_20210428 DL

Date Analyzed: 05/03/21 16:24 Lab File ID: 200-45799-011.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	5.94	Assign Peak	bunmaa	05/04/21 09:06
1,3-Butadiene		Invalid Compound ID	bunmaa	05/04/21 09:05
1,4-Dichlorobenzene		Invalid Compound ID	bunmaa	05/04/21 09:11
2-Chlorotoluene		Invalid Compound ID	bunmaa	05/04/21 09:10
Cyclohexane		Invalid Compound ID	bunmaa	05/04/21 09:06
Isopropyl alcohol		Invalid Compound ID	bunmaa	05/04/21 09:06
Naphthalene		Invalid Compound ID	bunmaa	05/04/21 09:11
n-Butylbenzene		Invalid Compound ID	bunmaa	05/04/21 09:11
n-Hexane		Invalid Compound ID	bunmaa	05/04/21 09:06
Benzene	10.09	Assign Peak	bunmaa	05/04/21 09:06
2,2,4-Trimethylpentane	10.41	Assign Peak	bunmaa	05/04/21 09:07
m,p-Xylene	17.43	Assign Peak	bunmaa	05/04/21 09:08
o-Xylene	18.23	Assign Peak	bunmaa	05/04/21 09:08
Styrene	18.26	Assign Peak	bunmaa	05/04/21 09:09
Cumene	19.02	Assign Peak	bunmaa	05/04/21 09:09

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-58258-1

SDG No.:

Instrument ID: CHX.i Analysis Batch Number: 165684

Lab Sample ID: IC 200-165684/4 Client Sample ID:

Date Analyzed: 04/08/21 17:20 Lab File ID: 45522-04.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	7.97	Incomplete Integration	bourdeaut	04/09/21 08:13
Trichloroethene	13.83	Incomplete Integration	bourdeaut	04/09/21 08:14

Lab Sample ID: IC 200-165684/5 Client Sample ID:

Date Analyzed: 04/08/21 18:13 Lab File ID: 45522-05.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Heptane	13.18	Baseline	bourdeaut	04/09/21 08:37
Trichloroethene	13.83	Baseline	bourdeaut	04/09/21 08:37

Lab Sample ID: IC 200-165684/7 Client Sample ID:

Date Analyzed: 04/08/21 19:59 Lab File ID: 45522-07.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3,5-Trimethylbenzene	21.84	Peak assignment corrected	bourdeaut	04/09/21 08:34

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-58258-1

SDG No.:

Instrument ID: CHX.i Analysis Batch Number: 166352

Lab Sample ID: MB 200-166352/4 Client Sample ID:

Date Analyzed: 04/30/21 10:06 Lab File ID: 45779-04.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,4-Trimethylbenzene		Invalid Compound ID	bunmaa	05/03/21 10:23
4-Ethyltoluene		Invalid Compound ID	bunmaa	05/03/21 10:23
Benzyl chloride		Invalid Compound ID	bunmaa	05/03/21 10:23
Naphthalene		Invalid Compound ID	bunmaa	05/03/21 10:24
n-Propylbenzene		Invalid Compound ID	bunmaa	05/03/21 10:23
n-Butylbenzene	23.40	Assign Peak	bunmaa	05/03/21 10:24

Lab Sample ID: 200-58258-1 Client Sample ID: AA-01_20210428

Date Analyzed: 04/30/21 22:43 Lab File ID: 45779-18.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Methyl-2-pentanone (Methyl isobutyl ketone)		Invalid Compound ID	bunmaa	05/03/21 11:23
Chloroform		Invalid Compound ID	bunmaa	05/03/21 11:23
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	bunmaa	05/03/21 11:24
n-Propylbenzene		Invalid Compound ID	bunmaa	05/03/21 11:24
1,3,5-Trimethylbenzene	21.84	Assign Peak	bunmaa	05/03/21 11:24

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-58258-1

SDG No.:

Instrument ID: CHX.i Analysis Batch Number: 166352

Lab Sample ID: 200-58258-2 Client Sample ID: SV-01_20210428

Date Analyzed: 04/30/21 23:36 Lab File ID: 45779-19.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2,2-Tetrachloroethane		Invalid Compound ID	bunmaa	05/03/21 11:30
1,1,2-Trichloroethane		Invalid Compound ID	bunmaa	05/03/21 11:29
1,2-Dichloroethane		Invalid Compound ID	bunmaa	05/03/21 11:28
3-Chloropropene		Invalid Compound ID	bunmaa	05/03/21 11:26
Chloromethane		Invalid Compound ID	bunmaa	05/03/21 11:25
Cumene		Invalid Compound ID	bunmaa	05/03/21 11:30
Methyl methacrylate		Invalid Compound ID	bunmaa	05/03/21 11:28
tert-Butyl alcohol		Invalid Compound ID	bunmaa	05/03/21 11:27
Tetrahydrofuran		Invalid Compound ID	bunmaa	05/03/21 11:27
4-Methyl-2-pentanone (Methyl isobutyl ketone)	15.80	Assign Peak	bunmaa	05/03/21 11:28
Ethylbenzene	19.12	Assign Peak	bunmaa	05/03/21 11:29
Styrene	20.19	Assign Peak	bunmaa	05/03/21 11:30
n-Propylbenzene	21.55	Assign Peak	bunmaa	05/03/21 11:31
4-Ethyltoluene	21.75	Assign Peak	bunmaa	05/03/21 11:31
1,3,5-Trimethylbenzene	21.84	Assign Peak	bunmaa	05/03/21 11:31
sec-Butylbenzene	22.63	Assign Peak	bunmaa	05/03/21 11:32
n-Butylbenzene	23.40	Assign Peak	bunmaa	05/03/21 11:33

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-58258-1

SDG No.:

Instrument ID: CHX.i Analysis Batch Number: 166352

Lab Sample ID: 200-58258-3 Client Sample ID: SV-02_20210428

Date Analyzed: 05/01/21 02:16 Lab File ID: 45779-22.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2,2-Tetrachloroethane		Invalid Compound ID	bunmaa	05/03/21 11:51
1,1,2-Trichloroethane		Invalid Compound ID	bunmaa	05/03/21 11:50
2-Chlorotoluene		Invalid Compound ID	bunmaa	05/03/21 11:51
Benzyl chloride		Invalid Compound ID	bunmaa	05/03/21 11:52
Cumene		Invalid Compound ID	bunmaa	05/03/21 11:51
Methyl methacrylate		Invalid Compound ID	bunmaa	05/03/21 11:50
Naphthalene		Invalid Compound ID	bunmaa	05/03/21 11:53
Tetrahydrofuran	11.59	Assign Peak	bunmaa	05/03/21 11:47
Carbon tetrachloride	12.33	Assign Peak	bunmaa	05/03/21 11:49
4-Methyl-2-pentanone (Methyl isobutyl ketone)	15.79	Assign Peak	bunmaa	05/03/21 11:50
sec-Butylbenzene	22.64	Assign Peak	bunmaa	05/03/21 11:52
n-Butylbenzene	23.40	Assign Peak	bunmaa	05/03/21 11:52

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-58258-1

SDG No.:

Instrument ID: CHX.i Analysis Batch Number: 166352

Lab Sample ID: 200-58258-4 Client Sample ID: SV-03_20210428

Date Analyzed: 05/01/21 04:03 Lab File ID: 45779-24.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	4.92	Assign Peak	bunmaa	05/03/21 12:09
1,1,2,2-Tetrachloroethane		Invalid Compound ID	bunmaa	05/03/21 12:14
1,1,2-Trichloroethane		Invalid Compound ID	bunmaa	05/03/21 12:13
1,1,2-Trichlorotrifluoroethane		Invalid Compound ID	bunmaa	05/03/21 12:09
1,2-Dichlorotetrafluoroethane		Invalid Compound ID	bunmaa	05/03/21 12:08
2-Chlorotoluene		Invalid Compound ID	bunmaa	05/03/21 12:14
Benzyl chloride		Invalid Compound ID	bunmaa	05/03/21 12:15
Cumene		Invalid Compound ID	bunmaa	05/03/21 12:14
Methyl methacrylate		Invalid Compound ID	bunmaa	05/03/21 12:11
Naphthalene		Invalid Compound ID	bunmaa	05/03/21 12:15
trans-1,3-Dichloropropene		Invalid Compound ID	bunmaa	05/03/21 12:12
Tetrahydrofuran	11.59	Assign Peak	bunmaa	05/03/21 12:10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	15.80	Assign Peak	bunmaa	05/03/21 12:12
Styrene	20.19	Assign Peak	bunmaa	05/03/21 12:13

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Burlin Job No.: 200-58258-1

SDG No.:

Instrument ID: CHX.i Analysis Batch Number: 166352

Lab Sample ID: 200-58258-5 Client Sample ID: SV-04_20210428

Date Analyzed: 05/01/21 06:43 Lab File ID: 45779-27.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	6.92	Assign Peak	bunmaa	05/03/21 12:29
1,1,2,2-Tetrachloroethane		Invalid Compound ID	bunmaa	05/03/21 12:33
1,1,2-Trichloroethane		Invalid Compound ID	bunmaa	05/03/21 12:31
1,3-Butadiene		Invalid Compound ID	bunmaa	05/03/21 12:29
3-Chloropropene		Invalid Compound ID	bunmaa	05/03/21 12:30
Chloroform		Invalid Compound ID	bunmaa	05/03/21 12:31
Cumene		Invalid Compound ID	bunmaa	05/03/21 12:33
Methyl Butyl Ketone (2-Hexanone)		Invalid Compound ID	bunmaa	05/03/21 12:32
Methyl methacrylate		Invalid Compound ID	bunmaa	05/03/21 12:31
tert-Butyl alcohol		Invalid Compound ID	bunmaa	05/03/21 12:30
tert-Butylbenzene		Invalid Compound ID	bunmaa	05/03/21 12:35
Ethylbenzene	19.12	Assign Peak	bunmaa	05/03/21 12:32
n-Propylbenzene	21.55	Assign Peak	bunmaa	05/03/21 12:33
4-Ethyltoluene	21.74	Assign Peak	bunmaa	05/03/21 12:34
1,3,5-Trimethylbenzene	21.83	Assign Peak	bunmaa	05/03/21 12:34
1,2,4-Trimethylbenzene	22.40	Assign Peak	bunmaa	05/03/21 12:35
sec-Butylbenzene	22.64	Assign Peak	bunmaa	05/03/21 12:36

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATTO15CAL1w_00227	06/09/21	03/09/21	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00187	155 mL	1,1,1-Trichloroethane	0.204248 ppb v/v
							1,1,2,2-Tetrachloroethane	0.207255 ppb v/v
							1,1,2-Trichloroethane	0.210061 ppb v/v
							1,1,2-Trichlorotrifluoroethane	0.210261 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.206052 ppb v/v
							1,2,3-Trichlorobenzene	0.182801 ppb v/v
							1,2,3-Trichloropropane	0.212266 ppb v/v
							1,2,4-Trichlorobenzene	0.217677 ppb v/v
							1,2,4-Trimethylbenzene	0.208457 ppb v/v
							1,2-Dibromoethane	0.212666 ppb v/v
							1,2-Dichlorobenzene	0.209259 ppb v/v
							1,2-Dichloroethane	0.207655 ppb v/v
							1,2-Dichloropropane	0.206653 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.208658 ppb v/v
							1,3,5-Trimethylbenzene	0.208257 ppb v/v
							1,3-Butadiene	0.202845 ppb v/v
							1,3-Dichlorobenzene	0.212065 ppb v/v
							1,4-Dichlorobenzene	0.20986 ppb v/v
							1,4-Dioxane	0.212065 ppb v/v
							2,2,4-Trimethylpentane	0.20986 ppb v/v
							2-Chlorotoluene	0.209259 ppb v/v
							2-Methylbutane	0.209259 ppb v/v
							3-Chloropropene	0.213468 ppb v/v
							4-Ethyltoluene	0.207054 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	0.206653 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.20525 ppb v/v
							Acetone	0.20525 ppb v/v
							Acetonitrile	0.198435 ppb v/v
							Acrolein	0.194827 ppb v/v
							Acrylonitrile	0.202645 ppb v/v
							Alpha Methyl Styrene	0.204448 ppb v/v
							Benzene	0.207054 ppb v/v
							Benzyl chloride	0.212065 ppb v/v
							Bromodichloromethane	0.211865 ppb v/v
							Bromoethene(Vinyl Bromide)	0.208858 ppb v/v
							Bromoform	0.206252 ppb v/v
							Bromomethane	0.206653 ppb v/v
							Carbon disulfide	0.203647 ppb v/v
							Carbon tetrachloride	0.203647 ppb v/v
							Chlorobenzene	0.210261 ppb v/v
							Chlorodifluoromethane	0.210061 ppb v/v
							Chloroethane	0.208257 ppb v/v
							Chloroform	0.202444 ppb v/v
							Chloromethane	0.21888 ppb v/v
							cis-1,2-Dichloroethene	0.202444 ppb v/v
							cis-1,3-Dichloropropene	0.208257 ppb v/v
							Cumene	0.209059 ppb v/v
							Cyclohexane	0.203446 ppb v/v
							Dibromochloromethane	0.194026 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	0.206453 ppb v/v
							Dichlorodifluoromethane	0.209259 ppb v/v
							Dodecane	0.187612 ppb v/v
							Ethyl acetate	0.203045 ppb v/v
							Ethyl ether	0.202043 ppb v/v
							Ethylbenzene	0.204849 ppb v/v
							Hexachlorobutadiene	0.205651 ppb v/v
							Isopropyl alcohol	0.204849 ppb v/v
							m,p-Xylene	0.412104 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.200239 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.207255 ppb v/v
							Methyl methacrylate	0.203647 ppb v/v
							Methyl tert-butyl ether	0.209459 ppb v/v
							Methylene Chloride	0.206052 ppb v/v
							n-Butane	0.207655 ppb v/v
							n-Butanol	0.19142 ppb v/v
							n-Butylbenzene	0.208257 ppb v/v
							n-Decane	0.208858 ppb v/v
							n-Heptane	0.210662 ppb v/v
							n-Hexane	0.212266 ppb v/v
							n-Nonane	0.210061 ppb v/v
							n-Octane	0.207054 ppb v/v
							n-Propylbenzene	0.208457 ppb v/v
							Naphthalene	0.194827 ppb v/v
							o-Xylene	0.207655 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	0.203045 ppb v/v
							Propene	0.206854 ppb v/v
							sec-Butylbenzene	0.20966 ppb v/v
							Styrene	0.206854 ppb v/v
							tert-Butyl alcohol	0.216074 ppb v/v
							tert-Butylbenzene	0.207655 ppb v/v
							Tetrachloroethene	0.210462 ppb v/v
							Tetrahydrofuran	0.200239 ppb v/v
							Toluene	0.203647 ppb v/v
							trans-1,2-Dichloroethene	0.204448 ppb v/v
							trans-1,3-Dichloropropene	0.198034 ppb v/v
							Trichloroethene	0.211063 ppb v/v
							Trichlorofluoromethane	0.211664 ppb v/v
							Undecane	0.20966 ppb v/v
							Vinyl acetate	0.208257 ppb v/v
							Vinyl chloride	0.208257 ppb v/v
							Ethanol	0.400944 ppb v/v
.ATTO15CAL6w_00187	06/09/21	03/09/21	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00141	1546 mL	1,1,1-Trichloroethane	20.376 ppb v/v
							1,1,2,2-Tetrachloroethane	20.676 ppb v/v
							1,1,2-Trichloroethane	20.9559 ppb v/v
							1,1,2-Trichlorotrifluoroethane	20.9759 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	20.556 ppb v/v
							1,2,3-Trichlorobenzene	18.2365 ppb v/v
							1,2,3-Trichloropropane	21.1759 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	21.7158 ppb v/v
							1,2,4-Trimethylbenzene	20.796 ppb v/v
							1,2-Dibromoethane	21.2159 ppb v/v
							1,2-Dichlorobenzene	20.8759 ppb v/v
							1,2-Dichloroethane	20.716 ppb v/v
							1,2-Dichloropropane	20.616 ppb v/v
							1,2-Dichlorotetrafluoroethane	20.816 ppb v/v
							1,3,5-Trimethylbenzene	20.776 ppb v/v
							1,3-Butadiene	20.2361 ppb v/v
							1,3-Dichlorobenzene	21.1559 ppb v/v
							1,4-Dichlorobenzene	20.9359 ppb v/v
							1,4-Dioxane	21.1559 ppb v/v
							2,2,4-Trimethylpentane	20.9359 ppb v/v
							2-Chlorotoluene	20.8759 ppb v/v
							2-Methylbutane	20.8759 ppb v/v
							3-Chloropropene	21.2959 ppb v/v
							4-Ethyltoluene	20.656 ppb v/v
							4-Isopropyltoluene	20.616 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.476 ppb v/v
							Acetone	20.476 ppb v/v
							Acetonitrile	19.7962 ppb v/v
							Acrolein	19.4362 ppb v/v
							Acrylonitrile	20.2161 ppb v/v
							Alpha Methyl Styrene	20.396 ppb v/v
							Benzene	20.656 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	21.1559 ppb v/v
							Bromodichloromethane	21.1359 ppb v/v
							Bromoethene(Vinyl Bromide)	20.836 ppb v/v
							Bromoform	20.576 ppb v/v
							Bromomethane	20.616 ppb v/v
							Carbon disulfide	20.3161 ppb v/v
							Carbon tetrachloride	20.3161 ppb v/v
							Chlorobenzene	20.9759 ppb v/v
							Chlorodifluoromethane	20.9559 ppb v/v
							Chloroethane	20.776 ppb v/v
							Chloroform	20.1961 ppb v/v
							Chloromethane	21.8358 ppb v/v
							cis-1,2-Dichloroethene	20.1961 ppb v/v
							cis-1,3-Dichloropropene	20.776 ppb v/v
							Cumene	20.856 ppb v/v
							Cyclohexane	20.2961 ppb v/v
							Dibromochloromethane	19.3562 ppb v/v
							Dibromomethane	20.596 ppb v/v
							Dichlorodifluoromethane	20.8759 ppb v/v
							Dodecane	18.7164 ppb v/v
							Ethyl acetate	20.2561 ppb v/v
							Ethyl ether	20.1561 ppb v/v
							Ethylbenzene	20.436 ppb v/v
							Hexachlorobutadiene	20.516 ppb v/v
							Isopropyl alcohol	20.436 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	41.112 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9761 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	20.676 ppb v/v
							Methyl methacrylate	20.3161 ppb v/v
							Methyl tert-butyl ether	20.8959 ppb v/v
							Methylene Chloride	20.556 ppb v/v
							n-Butane	20.716 ppb v/v
							n-Butanol	19.0963 ppb v/v
							n-Butylbenzene	20.776 ppb v/v
							n-Decane	20.836 ppb v/v
							n-Heptane	21.0159 ppb v/v
							n-Hexane	21.1759 ppb v/v
							n-Nonane	20.9559 ppb v/v
							n-Octane	20.656 ppb v/v
							n-Propylbenzene	20.796 ppb v/v
							Naphthalene	19.4362 ppb v/v
							o-Xylene	20.716 ppb v/v
							Pentane	20.2561 ppb v/v
							Propene	20.636 ppb v/v
							sec-Butylbenzene	20.9159 ppb v/v
							Styrene	20.636 ppb v/v
							tert-Butyl alcohol	21.5558 ppb v/v
							tert-Butylbenzene	20.716 ppb v/v
							Tetrachloroethene	20.9959 ppb v/v
							Tetrahydrofuran	19.9761 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	20.3161 ppb v/v
							trans-1,2-Dichloroethene	20.396 ppb v/v
							trans-1,3-Dichloropropene	19.7562 ppb v/v
							Trichloroethene	21.0559 ppb v/v
							Trichlorofluoromethane	21.1159 ppb v/v
							Undecane	20.9159 ppb v/v
							Vinyl acetate	20.776 ppb v/v
							Vinyl chloride	20.776 ppb v/v
					ATTO15EthCALw_00126	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00141	06/09/21	03/09/21	Nitrogen, Lot 13	15 L	ATTO15CALs_00042	3000 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
...ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
..ATTO15EthCALw_00126	06/09/21	03/09/21	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL1w_00228	06/23/21	04/07/21	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00188	155 mL	1,1,1-Trichloroethane	0.204248 ppb v/v
							1,1,2,2-Tetrachloroethane	0.207255 ppb v/v
							1,1,2-Trichloroethane	0.210061 ppb v/v
							1,1,2-Trichlorotrifluoroethane	0.210261 ppb v/v
							1,1-Dichloroethane	0.20044 ppb v/v
							1,1-Dichloroethene	0.206052 ppb v/v
							1,2,3-Trichlorobenzene	0.182801 ppb v/v
							1,2,3-Trichloropropane	0.212266 ppb v/v
							1,2,4-Trichlorobenzene	0.217677 ppb v/v
							1,2,4-Trimethylbenzene	0.208457 ppb v/v
							1,2-Dibromoethane	0.212666 ppb v/v
							1,2-Dichlorobenzene	0.209259 ppb v/v
							1,2-Dichloroethane	0.207655 ppb v/v
							1,2-Dichloropropane	0.206653 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.208658 ppb v/v
							1,3,5-Trimethylbenzene	0.208257 ppb v/v
							1,3-Butadiene	0.202845 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	0.212065 ppb v/v
							1,4-Dichlorobenzene	0.20986 ppb v/v
							1,4-Dioxane	0.212065 ppb v/v
							2,2,4-Trimethylpentane	0.20986 ppb v/v
							2-Chlorotoluene	0.209259 ppb v/v
							2-Methylbutane	0.209259 ppb v/v
							3-Chloropropene	0.213468 ppb v/v
							4-Ethyltoluene	0.207054 ppb v/v
							4-Isopropyltoluene	0.206653 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.20525 ppb v/v
							Acetone	0.20525 ppb v/v
							Acetonitrile	0.198435 ppb v/v
							Acrolein	0.194827 ppb v/v
							Acrylonitrile	0.202645 ppb v/v
							Alpha Methyl Styrene	0.204448 ppb v/v
							Benzene	0.207054 ppb v/v
							Benzyl chloride	0.212065 ppb v/v
							Bromodichloromethane	0.211865 ppb v/v
							Bromoethene(Vinyl Bromide)	0.208858 ppb v/v
							Bromoform	0.206252 ppb v/v
							Bromomethane	0.206653 ppb v/v
							Carbon disulfide	0.203647 ppb v/v
							Carbon tetrachloride	0.203647 ppb v/v
							Chlorobenzene	0.210261 ppb v/v
							Chlorodifluoromethane	0.210061 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	0.208257 ppb v/v
							Chloroform	0.202444 ppb v/v
							Chloromethane	0.21888 ppb v/v
							cis-1,2-Dichloroethene	0.202444 ppb v/v
							cis-1,3-Dichloropropene	0.208257 ppb v/v
							Cumene	0.209059 ppb v/v
							Cyclohexane	0.203446 ppb v/v
							Dibromochloromethane	0.194026 ppb v/v
							Dibromomethane	0.206453 ppb v/v
							Dichlorodifluoromethane	0.209259 ppb v/v
							Dodecane	0.187612 ppb v/v
							Ethyl acetate	0.203045 ppb v/v
							Ethyl ether	0.202043 ppb v/v
							Ethylbenzene	0.204849 ppb v/v
							Hexachlorobutadiene	0.205651 ppb v/v
							Isopropyl alcohol	0.204849 ppb v/v
							m,p-Xylene	0.412104 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	0.200239 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.207255 ppb v/v
							Methyl methacrylate	0.203647 ppb v/v
							Methyl tert-butyl ether	0.209459 ppb v/v
							Methylene Chloride	0.206052 ppb v/v
							n-Butane	0.207655 ppb v/v
							n-Butanol	0.19142 ppb v/v
							n-Butylbenzene	0.208257 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	0.208858 ppb v/v
							n-Heptane	0.210662 ppb v/v
							n-Hexane	0.212266 ppb v/v
							n-Nonane	0.210061 ppb v/v
							n-Octane	0.207054 ppb v/v
							n-Propylbenzene	0.208457 ppb v/v
							Naphthalene	0.194827 ppb v/v
							o-Xylene	0.207655 ppb v/v
							Pentane	0.203045 ppb v/v
							Propene	0.206854 ppb v/v
							sec-Butylbenzene	0.20966 ppb v/v
							Styrene	0.206854 ppb v/v
							tert-Butyl alcohol	0.216074 ppb v/v
							tert-Butylbenzene	0.207655 ppb v/v
							Tetrachloroethene	0.210462 ppb v/v
							Tetrahydrofuran	0.200239 ppb v/v
							Toluene	0.203647 ppb v/v
							trans-1,2-Dichloroethene	0.204448 ppb v/v
							trans-1,3-Dichloropropene	0.198034 ppb v/v
							Trichloroethene	0.211063 ppb v/v
							Trichlorofluoromethane	0.211664 ppb v/v
							Undecane	0.20966 ppb v/v
							Vinyl acetate	0.208257 ppb v/v
							Vinyl chloride	0.208257 ppb v/v
							Ethanol	0.400944 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.ATTO15CAL6w_00188	06/23/21	04/07/21	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00142	1546 mL	1,1,1-Trichloroethane	20.376 ppb v/v
							1,1,2,2-Tetrachloroethane	20.676 ppb v/v
							1,1,2-Trichloroethane	20.9559 ppb v/v
							1,1,2-Trichlorotrifluoroethane	20.9759 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	20.556 ppb v/v
							1,2,3-Trichlorobenzene	18.2365 ppb v/v
							1,2,3-Trichloropropane	21.1759 ppb v/v
							1,2,4-Trichlorobenzene	21.7158 ppb v/v
							1,2,4-Trimethylbenzene	20.796 ppb v/v
							1,2-Dibromoethane	21.2159 ppb v/v
							1,2-Dichlorobenzene	20.8759 ppb v/v
							1,2-Dichloroethane	20.716 ppb v/v
							1,2-Dichloropropane	20.616 ppb v/v
							1,2-Dichlorotetrafluoroethane	20.816 ppb v/v
							1,3,5-Trimethylbenzene	20.776 ppb v/v
							1,3-Butadiene	20.2361 ppb v/v
							1,3-Dichlorobenzene	21.1559 ppb v/v
							1,4-Dichlorobenzene	20.9359 ppb v/v
							1,4-Dioxane	21.1559 ppb v/v
							2,2,4-Trimethylpentane	20.9359 ppb v/v
							2-Chlorotoluene	20.8759 ppb v/v
							2-Methylbutane	20.8759 ppb v/v
							3-Chloropropene	21.2959 ppb v/v
							4-Ethyltoluene	20.656 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	20.616 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.476 ppb v/v
							Acetone	20.476 ppb v/v
							Acetonitrile	19.7962 ppb v/v
							Acrolein	19.4362 ppb v/v
							Acrylonitrile	20.2161 ppb v/v
							Alpha Methyl Styrene	20.396 ppb v/v
							Benzene	20.656 ppb v/v
							Benzyl chloride	21.1559 ppb v/v
							Bromodichloromethane	21.1359 ppb v/v
							Bromoethene(Vinyl Bromide)	20.836 ppb v/v
							Bromoform	20.576 ppb v/v
							Bromomethane	20.616 ppb v/v
							Carbon disulfide	20.3161 ppb v/v
							Carbon tetrachloride	20.3161 ppb v/v
							Chlorobenzene	20.9759 ppb v/v
							Chlorodifluoromethane	20.9559 ppb v/v
							Chloroethane	20.776 ppb v/v
							Chloroform	20.1961 ppb v/v
							Chloromethane	21.8358 ppb v/v
							cis-1,2-Dichloroethene	20.1961 ppb v/v
							cis-1,3-Dichloropropene	20.776 ppb v/v
							Cumene	20.856 ppb v/v
							Cyclohexane	20.2961 ppb v/v
							Dibromochloromethane	19.3562 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	20.596 ppb v/v
							Dichlorodifluoromethane	20.8759 ppb v/v
							Dodecane	18.7164 ppb v/v
							Ethyl acetate	20.2561 ppb v/v
							Ethyl ether	20.1561 ppb v/v
							Ethylbenzene	20.436 ppb v/v
							Hexachlorobutadiene	20.516 ppb v/v
							Isopropyl alcohol	20.436 ppb v/v
							m,p-Xylene	41.112 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9761 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	20.676 ppb v/v
							Methyl methacrylate	20.3161 ppb v/v
							Methyl tert-butyl ether	20.8959 ppb v/v
							Methylene Chloride	20.556 ppb v/v
							n-Butane	20.716 ppb v/v
							n-Butanol	19.0963 ppb v/v
							n-Butylbenzene	20.776 ppb v/v
							n-Decane	20.836 ppb v/v
							n-Heptane	21.0159 ppb v/v
							n-Hexane	21.1759 ppb v/v
							n-Nonane	20.9559 ppb v/v
							n-Octane	20.656 ppb v/v
							n-Propylbenzene	20.796 ppb v/v
							Naphthalene	19.4362 ppb v/v
							o-Xylene	20.716 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	20.2561 ppb v/v
							Propene	20.636 ppb v/v
							sec-Butylbenzene	20.9159 ppb v/v
							Styrene	20.636 ppb v/v
							tert-Butyl alcohol	21.5558 ppb v/v
							tert-Butylbenzene	20.716 ppb v/v
							Tetrachloroethene	20.9959 ppb v/v
							Tetrahydrofuran	19.9761 ppb v/v
							Toluene	20.3161 ppb v/v
							trans-1,2-Dichloroethene	20.396 ppb v/v
							trans-1,3-Dichloropropene	19.7562 ppb v/v
							Trichloroethene	21.0559 ppb v/v
							Trichlorofluoromethane	21.1159 ppb v/v
							Undecane	20.9159 ppb v/v
							Vinyl acetate	20.776 ppb v/v
							Vinyl chloride	20.776 ppb v/v
					ATTO15EthCALw_00127	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00142	06/23/21	03/23/21	Nitrogen, Lot 13	15 L	ATTO15CALs_00042	3000 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
...ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
..ATTO15EthCALw_00127	07/05/21	04/05/21	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL2w_00301	06/23/21	04/07/21	Nitrogen, Lot 12	15.463 L	ATTO15CAL6w_00188	387 mL	1,1,1-Trichloroethane	0.509961 ppb v/v
							1,1,2,2-Tetrachloroethane	0.517468 ppb v/v
							1,1,2-Trichloroethane	0.524474 ppb v/v
							1,1,2-Trichlorotrifluoroethane	0.524975 ppb v/v
							1,1-Dichloroethane	0.500453 ppb v/v
							1,1-Dichloroethene	0.514465 ppb v/v
							1,2,3-Trichlorobenzene	0.456413 ppb v/v
							1,2,3-Trichloropropane	0.529979 ppb v/v
							1,2,4-Trichlorobenzene	0.543492 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	0.520471 ppb v/v
							1,2-Dibromoethane	0.53098 ppb v/v
							1,2-Dichlorobenzene	0.522473 ppb v/v
							1,2-Dichloroethane	0.518469 ppb v/v
							1,2-Dichloropropane	0.515967 ppb v/v
							1,2-Dichlorotetrafluoroethane	0.520971 ppb v/v
							1,3,5-Trimethylbenzene	0.51997 ppb v/v
							1,3-Butadiene	0.506458 ppb v/v
							1,3-Dichlorobenzene	0.529479 ppb v/v
							1,4-Dichlorobenzene	0.523974 ppb v/v
							1,4-Dioxane	0.529479 ppb v/v
							2,2,4-Trimethylpentane	0.523974 ppb v/v
							2-Chlorotoluene	0.522473 ppb v/v
							2-Methylbutane	0.522473 ppb v/v
							3-Chloropropene	0.532982 ppb v/v
							4-Ethyltoluene	0.516968 ppb v/v
							4-Isopropyltoluene	0.515967 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.512463 ppb v/v
							Acetone	0.512463 ppb v/v
							Acetonitrile	0.495448 ppb v/v
							Acrolein	0.48644 ppb v/v
							Acrylonitrile	0.505958 ppb v/v
							Alpha Methyl Styrene	0.510462 ppb v/v
							Benzene	0.516968 ppb v/v
							Benzyl chloride	0.529479 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	0.528978 ppb v/v
							Bromoethene(Vinyl Bromide)	0.521472 ppb v/v
							Bromoform	0.514966 ppb v/v
							Bromomethane	0.515967 ppb v/v
							Carbon disulfide	0.50846 ppb v/v
							Carbon tetrachloride	0.50846 ppb v/v
							Chlorobenzene	0.524975 ppb v/v
							Chlorodifluoromethane	0.524474 ppb v/v
							Chloroethane	0.51997 ppb v/v
							Chloroform	0.505457 ppb v/v
							Chloromethane	0.546494 ppb v/v
							cis-1,2-Dichloroethene	0.505457 ppb v/v
							cis-1,3-Dichloropropene	0.51997 ppb v/v
							Cumene	0.521972 ppb v/v
							Cyclohexane	0.507959 ppb v/v
							Dibromochloromethane	0.484438 ppb v/v
							Dibromomethane	0.515466 ppb v/v
							Dichlorodifluoromethane	0.522473 ppb v/v
							Dodecane	0.468424 ppb v/v
							Ethyl acetate	0.506958 ppb v/v
							Ethyl ether	0.504456 ppb v/v
							Ethylbenzene	0.511463 ppb v/v
							Hexachlorobutadiene	0.513464 ppb v/v
							Isopropyl alcohol	0.511463 ppb v/v
							m,p-Xylene	1.02893 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Butyl Ketone (2-Hexanone)	0.499952 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	0.517468 ppb v/v
							Methyl methacrylate	0.50846 ppb v/v
							Methyl tert-butyl ether	0.522973 ppb v/v
							Methylene Chloride	0.514465 ppb v/v
							n-Butane	0.518469 ppb v/v
							n-Butanol	0.477932 ppb v/v
							n-Butylbenzene	0.51997 ppb v/v
							n-Decane	0.521472 ppb v/v
							n-Heptane	0.525976 ppb v/v
							n-Hexane	0.529979 ppb v/v
							n-Nonane	0.524474 ppb v/v
							n-Octane	0.516968 ppb v/v
							n-Propylbenzene	0.520471 ppb v/v
							Naphthalene	0.48644 ppb v/v
							o-Xylene	0.518469 ppb v/v
							Pentane	0.506958 ppb v/v
							Propene	0.516467 ppb v/v
							sec-Butylbenzene	0.523473 ppb v/v
							Styrene	0.516467 ppb v/v
							tert-Butyl alcohol	0.539488 ppb v/v
							tert-Butylbenzene	0.518469 ppb v/v
							Tetrachloroethene	0.525475 ppb v/v
							Tetrahydrofuran	0.499952 ppb v/v
							Toluene	0.50846 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	0.510462 ppb v/v
							trans-1,3-Dichloropropene	0.494447 ppb v/v
							Trichloroethene	0.526977 ppb v/v
							Trichlorofluoromethane	0.528478 ppb v/v
							Undecane	0.523473 ppb v/v
							Vinyl acetate	0.51997 ppb v/v
							Vinyl chloride	0.51997 ppb v/v
							Ethanol	5.01064 ppb v/v
					ATTO15EthCALw_00127	124 mL	Ethanol	5.01064 ppb v/v
.ATTO15CAL6w_00188	06/23/21	04/07/21	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00142	1546 mL	1,1,1-Trichloroethane	20.376 ppb v/v
							1,1,2,2-Tetrachloroethane	20.676 ppb v/v
							1,1,2-Trichloroethane	20.9559 ppb v/v
							1,1,2-Trichlorotrifluoroethane	20.9759 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	20.556 ppb v/v
							1,2,3-Trichlorobenzene	18.2365 ppb v/v
							1,2,3-Trichloropropane	21.1759 ppb v/v
							1,2,4-Trichlorobenzene	21.7158 ppb v/v
							1,2,4-Trimethylbenzene	20.796 ppb v/v
							1,2-Dibromoethane	21.2159 ppb v/v
							1,2-Dichlorobenzene	20.8759 ppb v/v
							1,2-Dichloroethane	20.716 ppb v/v
							1,2-Dichloropropane	20.616 ppb v/v
							1,2-Dichlorotetrafluoroethane	20.816 ppb v/v
							1,3,5-Trimethylbenzene	20.776 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	20.2361 ppb v/v
							1,3-Dichlorobenzene	21.1559 ppb v/v
							1,4-Dichlorobenzene	20.9359 ppb v/v
							1,4-Dioxane	21.1559 ppb v/v
							2,2,4-Trimethylpentane	20.9359 ppb v/v
							2-Chlorotoluene	20.8759 ppb v/v
							2-Methylbutane	20.8759 ppb v/v
							3-Chloropropene	21.2959 ppb v/v
							4-Ethyltoluene	20.656 ppb v/v
							4-Isopropyltoluene	20.616 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.476 ppb v/v
							Acetone	20.476 ppb v/v
							Acetonitrile	19.7962 ppb v/v
							Acrolein	19.4362 ppb v/v
							Acrylonitrile	20.2161 ppb v/v
							Alpha Methyl Styrene	20.396 ppb v/v
							Benzene	20.656 ppb v/v
							Benzyl chloride	21.1559 ppb v/v
							Bromodichloromethane	21.1359 ppb v/v
							Bromoethene(Vinyl Bromide)	20.836 ppb v/v
							Bromoform	20.576 ppb v/v
							Bromomethane	20.616 ppb v/v
							Carbon disulfide	20.3161 ppb v/v
							Carbon tetrachloride	20.3161 ppb v/v
							Chlorobenzene	20.9759 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorodifluoromethane	20.9559 ppb v/v
							Chloroethane	20.776 ppb v/v
							Chloroform	20.1961 ppb v/v
							Chloromethane	21.8358 ppb v/v
							cis-1,2-Dichloroethene	20.1961 ppb v/v
							cis-1,3-Dichloropropene	20.776 ppb v/v
							Cumene	20.856 ppb v/v
							Cyclohexane	20.2961 ppb v/v
							Dibromochloromethane	19.3562 ppb v/v
							Dibromomethane	20.596 ppb v/v
							Dichlorodifluoromethane	20.8759 ppb v/v
							Dodecane	18.7164 ppb v/v
							Ethyl acetate	20.2561 ppb v/v
							Ethyl ether	20.1561 ppb v/v
							Ethylbenzene	20.436 ppb v/v
							Hexachlorobutadiene	20.516 ppb v/v
							Isopropyl alcohol	20.436 ppb v/v
							m,p-Xylene	41.112 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9761 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	20.676 ppb v/v
							Methyl methacrylate	20.3161 ppb v/v
							Methyl tert-butyl ether	20.8959 ppb v/v
							Methylene Chloride	20.556 ppb v/v
							n-Butane	20.716 ppb v/v
							n-Butanol	19.0963 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	20.776 ppb v/v
							n-Decane	20.836 ppb v/v
							n-Heptane	21.0159 ppb v/v
							n-Hexane	21.1759 ppb v/v
							n-Nonane	20.9559 ppb v/v
							n-Octane	20.656 ppb v/v
							n-Propylbenzene	20.796 ppb v/v
							Naphthalene	19.4362 ppb v/v
							o-Xylene	20.716 ppb v/v
							Pentane	20.2561 ppb v/v
							Propene	20.636 ppb v/v
							sec-Butylbenzene	20.9159 ppb v/v
							Styrene	20.636 ppb v/v
							tert-Butyl alcohol	21.5558 ppb v/v
							tert-Butylbenzene	20.716 ppb v/v
							Tetrachloroethene	20.9959 ppb v/v
							Tetrahydrofuran	19.9761 ppb v/v
							Toluene	20.3161 ppb v/v
							trans-1,2-Dichloroethene	20.396 ppb v/v
							trans-1,3-Dichloropropene	19.7562 ppb v/v
							Trichloroethene	21.0559 ppb v/v
							Trichlorofluoromethane	21.1159 ppb v/v
							Undecane	20.9159 ppb v/v
							Vinyl acetate	20.776 ppb v/v
							Vinyl chloride	20.776 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					ATTO15EthCALw_00127	1237 mL	Ethanol	39.9987 ppb v/v
..ATTO15CALSTKi_00142	06/23/21	03/23/21	Nitrogen, Lot 13	15 L	ATTO15CALs_00042	3000 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
...ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added	Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
..ATTO15EthCALw_00127	07/05/21	04/05/21	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
...ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.ATTO15EthCALw_00127	07/05/21	04/05/21	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL3w_00232	06/09/21	03/09/21	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00141	386 mL	1,1,1-Trichloroethane	5.08742 ppb v/v
							1,1,2,2-Tetrachloroethane	5.16231 ppb v/v
							1,1,2-Trichloroethane	5.23221 ppb v/v
							1,1,2-Trichlorotrifluoroethane	5.2372 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	5.13235 ppb v/v
							1,2,3-Trichlorobenzene	4.55322 ppb v/v
							1,2,3-Trichloropropane	5.28712 ppb v/v
							1,2,4-Trichlorobenzene	5.42192 ppb v/v
							1,2,4-Trimethylbenzene	5.19227 ppb v/v
							1,2-Dibromoethane	5.29711 ppb v/v
							1,2-Dichlorobenzene	5.21224 ppb v/v
							1,2-Dichloroethane	5.1723 ppb v/v
							1,2-Dichloropropane	5.14733 ppb v/v
							1,2-Dichlorotetrafluoroethane	5.19726 ppb v/v
							1,3,5-Trimethylbenzene	5.18727 ppb v/v
							1,3-Butadiene	5.05247 ppb v/v
							1,3-Dichlorobenzene	5.28213 ppb v/v
							1,4-Dichlorobenzene	5.22721 ppb v/v
							1,4-Dioxane	5.28213 ppb v/v
							2,2,4-Trimethylpentane	5.22721 ppb v/v
							2-Chlorotoluene	5.21224 ppb v/v
							2-Methylbutane	5.21224 ppb v/v
							3-Chloropropene	5.31708 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	5.15732 ppb v/v
							4-Isopropyltoluene	5.14733 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.11238 ppb v/v
							Acetone	5.11238 ppb v/v
							Acetonitrile	4.94264 ppb v/v
							Acrolein	4.85277 ppb v/v
							Acrylonitrile	5.04748 ppb v/v
							Alpha Methyl Styrene	5.09241 ppb v/v
							Benzene	5.15732 ppb v/v
							Benzyl chloride	5.28213 ppb v/v
							Bromodichloromethane	5.27714 ppb v/v
							Bromoethene(Vinyl Bromide)	5.20225 ppb v/v
							Bromoform	5.13735 ppb v/v
							Bromomethane	5.14733 ppb v/v
							Carbon disulfide	5.07244 ppb v/v
							Carbon tetrachloride	5.07244 ppb v/v
							Chlorobenzene	5.2372 ppb v/v
							Chlorodifluoromethane	5.23221 ppb v/v
							Chloroethane	5.18727 ppb v/v
							Chloroform	5.04249 ppb v/v
							Chloromethane	5.45188 ppb v/v
							cis-1,2-Dichloroethene	5.04249 ppb v/v
							cis-1,3-Dichloropropene	5.18727 ppb v/v
							Cumene	5.20724 ppb v/v
							Cyclohexane	5.06745 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	4.8328 ppb v/v
							Dibromomethane	5.14234 ppb v/v
							Dichlorodifluoromethane	5.21224 ppb v/v
							Dodecane	4.67304 ppb v/v
							Ethyl acetate	5.05747 ppb v/v
							Ethyl ether	5.0325 ppb v/v
							Ethylbenzene	5.1024 ppb v/v
							Hexachlorobutadiene	5.12237 ppb v/v
							Isopropyl alcohol	5.1024 ppb v/v
							m,p-Xylene	10.2647 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	4.98757 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	5.16231 ppb v/v
							Methyl methacrylate	5.07244 ppb v/v
							Methyl tert-butyl ether	5.21723 ppb v/v
							Methylene Chloride	5.13235 ppb v/v
							n-Butane	5.1723 ppb v/v
							n-Butanol	4.7679 ppb v/v
							n-Butylbenzene	5.18727 ppb v/v
							n-Decane	5.20225 ppb v/v
							n-Heptane	5.24718 ppb v/v
							n-Hexane	5.28712 ppb v/v
							n-Nonane	5.23221 ppb v/v
							n-Octane	5.15732 ppb v/v
							n-Propylbenzene	5.19227 ppb v/v
							Naphthalene	4.85277 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	5.1723 ppb v/v
							Pentane	5.05747 ppb v/v
							Propene	5.15232 ppb v/v
							sec-Butylbenzene	5.22222 ppb v/v
							Styrene	5.15232 ppb v/v
							tert-Butyl alcohol	5.38198 ppb v/v
							tert-Butylbenzene	5.1723 ppb v/v
							Tetrachloroethene	5.24219 ppb v/v
							Tetrahydrofuran	4.98757 ppb v/v
							Toluene	5.07244 ppb v/v
							trans-1,2-Dichloroethene	5.09241 ppb v/v
							trans-1,3-Dichloropropene	4.93265 ppb v/v
							Trichloroethene	5.25717 ppb v/v
							Trichlorofluoromethane	5.27215 ppb v/v
							Undecane	5.22222 ppb v/v
							Vinyl acetate	5.18727 ppb v/v
							Vinyl chloride	5.18727 ppb v/v
					ATTO15EthCALw_00126	309 mL	Ethanol	9.99159 ppb v/v
.ATTO15CALSTKi_00141	06/09/21	03/09/21	Nitrogen, Lot 13	15 L	ATTO15CALs_00042	3000 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
.ATTO15EthCALw_00126	06/09/21	03/09/21	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00761	06/09/21	03/09/21	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00141	773 mL	1,1,1-Trichloroethane	10.188 ppb v/v
							1,1,2,2-Tetrachloroethane	10.338 ppb v/v
							1,1,2-Trichloroethane	10.478 ppb v/v
							1,1,2-Trichlorotrifluoroethane	10.488 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	10.278 ppb v/v
							1,2,4-Trichlorobenzene	10.8579 ppb v/v
							1,2,4-Trimethylbenzene	10.398 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromoethane	10.6079 ppb v/v
							1,2-Dichlorobenzene	10.438 ppb v/v
							1,2-Dichloroethane	10.358 ppb v/v
							1,2-Dichloropropane	10.308 ppb v/v
							1,2-Dichlorotetrafluoroethane	10.408 ppb v/v
							1,3,5-Trimethylbenzene	10.388 ppb v/v
							1,3-Butadiene	10.118 ppb v/v
							1,3-Dichlorobenzene	10.5779 ppb v/v
							1,4-Dichlorobenzene	10.468 ppb v/v
							1,4-Dioxane	10.5779 ppb v/v
							2,2,4-Trimethylpentane	10.468 ppb v/v
							2-Chlorotoluene	10.438 ppb v/v
							3-Chloropropene	10.6479 ppb v/v
							4-Ethyltoluene	10.328 ppb v/v
							4-Isopropyltoluene	10.308 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.238 ppb v/v
							Acetone	10.238 ppb v/v
							Benzene	10.328 ppb v/v
							Benzyl chloride	10.5779 ppb v/v
							Bromodichloromethane	10.5679 ppb v/v
							Bromoethene(Vinyl Bromide)	10.418 ppb v/v
							Bromoform	10.288 ppb v/v
							Bromomethane	10.308 ppb v/v
							Carbon disulfide	10.158 ppb v/v
							Carbon tetrachloride	10.158 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	10.488 ppb v/v
							Chlorodifluoromethane	10.478 ppb v/v
							Chloroethane	10.388 ppb v/v
							Chloroform	10.098 ppb v/v
							Chloromethane	10.9179 ppb v/v
							cis-1,2-Dichloroethene	10.098 ppb v/v
							cis-1,3-Dichloropropene	10.388 ppb v/v
							Cumene	10.428 ppb v/v
							Cyclohexane	10.148 ppb v/v
							Dibromochloromethane	9.67812 ppb v/v
							Dichlorodifluoromethane	10.438 ppb v/v
							Ethylbenzene	10.218 ppb v/v
							Hexachlorobutadiene	10.258 ppb v/v
							Isopropyl alcohol	10.218 ppb v/v
							m,p-Xylene	20.556 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.98806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	10.338 ppb v/v
							Methyl methacrylate	10.158 ppb v/v
							Methyl tert-butyl ether	10.448 ppb v/v
							Methylene Chloride	10.278 ppb v/v
							n-Butane	10.358 ppb v/v
							n-Butylbenzene	10.388 ppb v/v
							n-Heptane	10.508 ppb v/v
							n-Hexane	10.5879 ppb v/v
							n-Propylbenzene	10.398 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	9.71811 ppb v/v
							o-Xylene	10.358 ppb v/v
							sec-Butylbenzene	10.458 ppb v/v
							Styrene	10.318 ppb v/v
							tert-Butyl alcohol	10.7779 ppb v/v
							tert-Butylbenzene	10.358 ppb v/v
							Tetrachloroethene	10.498 ppb v/v
							Tetrahydrofuran	9.98806 ppb v/v
							Toluene	10.158 ppb v/v
							trans-1,2-Dichloroethene	10.198 ppb v/v
							trans-1,3-Dichloropropene	9.87808 ppb v/v
							Trichloroethene	10.528 ppb v/v
							Trichlorofluoromethane	10.558 ppb v/v
							Vinyl chloride	10.388 ppb v/v
.ATTO15CALSTKi_00141	06/09/21	03/09/21	Nitrogen, Lot 13	15 L	ATTO15CALs_00042	3000 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Vinyl chloride	207.8 ppb v/v
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Vinyl chloride	1.039 ppm v/v
ATTO15CAL4w_00762	06/09/21	04/05/21	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00141	773 mL	1,1,1-Trichloroethane	10.188 ppb v/v
							1,1,2,2-Tetrachloroethane	10.338 ppb v/v
							1,1,2-Trichloroethane	10.478 ppb v/v
							1,1,2-Trichlorotrifluoroethane	10.488 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	10.278 ppb v/v
							1,2,3-Trichlorobenzene	9.11823 ppb v/v
							1,2,3-Trichloropropane	10.5879 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	10.8579 ppb v/v
							1,2,4-Trimethylbenzene	10.398 ppb v/v
							1,2-Dibromoethane	10.6079 ppb v/v
							1,2-Dichlorobenzene	10.438 ppb v/v
							1,2-Dichloroethane	10.358 ppb v/v
							1,2-Dichloropropane	10.308 ppb v/v
							1,2-Dichlorotetrafluoroethane	10.408 ppb v/v
							1,3,5-Trimethylbenzene	10.388 ppb v/v
							1,3-Butadiene	10.118 ppb v/v
							1,3-Dichlorobenzene	10.5779 ppb v/v
							1,4-Dichlorobenzene	10.468 ppb v/v
							1,4-Dioxane	10.5779 ppb v/v
							2,2,4-Trimethylpentane	10.468 ppb v/v
							2-Chlorotoluene	10.438 ppb v/v
							2-Methylbutane	10.438 ppb v/v
							3-Chloropropene	10.6479 ppb v/v
							4-Ethyltoluene	10.328 ppb v/v
							4-Isopropyltoluene	10.308 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.238 ppb v/v
							Acetone	10.238 ppb v/v
							Acetonitrile	9.89808 ppb v/v
							Acrolein	9.71811 ppb v/v
							Acrylonitrile	10.108 ppb v/v
							Alpha Methyl Styrene	10.198 ppb v/v
							Benzene	10.328 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	10.5779 ppb v/v
							Bromodichloromethane	10.5679 ppb v/v
							Bromoethene(Vinyl Bromide)	10.418 ppb v/v
							Bromoform	10.288 ppb v/v
							Bromomethane	10.308 ppb v/v
							Carbon disulfide	10.158 ppb v/v
							Carbon tetrachloride	10.158 ppb v/v
							Chlorobenzene	10.488 ppb v/v
							Chlorodifluoromethane	10.478 ppb v/v
							Chloroethane	10.388 ppb v/v
							Chloroform	10.098 ppb v/v
							Chloromethane	10.9179 ppb v/v
							cis-1,2-Dichloroethene	10.098 ppb v/v
							cis-1,3-Dichloropropene	10.388 ppb v/v
							Cumene	10.428 ppb v/v
							Cyclohexane	10.148 ppb v/v
							Dibromochloromethane	9.67812 ppb v/v
							Dibromomethane	10.298 ppb v/v
							Dichlorodifluoromethane	10.438 ppb v/v
							Dodecane	9.35818 ppb v/v
							Ethyl acetate	10.128 ppb v/v
							Ethyl ether	10.078 ppb v/v
							Ethylbenzene	10.218 ppb v/v
							Hexachlorobutadiene	10.258 ppb v/v
							Isopropyl alcohol	10.218 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m,p-Xylene	20.556 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.98806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	10.338 ppb v/v
							Methyl methacrylate	10.158 ppb v/v
							Methyl tert-butyl ether	10.448 ppb v/v
							Methylene Chloride	10.278 ppb v/v
							n-Butane	10.358 ppb v/v
							n-Butanol	9.54815 ppb v/v
							n-Butylbenzene	10.388 ppb v/v
							n-Decane	10.418 ppb v/v
							n-Heptane	10.508 ppb v/v
							n-Hexane	10.5879 ppb v/v
							n-Nonane	10.478 ppb v/v
							n-Octane	10.328 ppb v/v
							n-Propylbenzene	10.398 ppb v/v
							Naphthalene	9.71811 ppb v/v
							o-Xylene	10.358 ppb v/v
							Pentane	10.128 ppb v/v
							Propene	10.318 ppb v/v
							sec-Butylbenzene	10.458 ppb v/v
							Styrene	10.318 ppb v/v
							tert-Butyl alcohol	10.7779 ppb v/v
							tert-Butylbenzene	10.358 ppb v/v
							Tetrachloroethene	10.498 ppb v/v
							Tetrahydrofuran	9.98806 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	10.158 ppb v/v
							trans-1,2-Dichloroethene	10.198 ppb v/v
							trans-1,3-Dichloropropene	9.87808 ppb v/v
							Trichloroethene	10.528 ppb v/v
							Trichlorofluoromethane	10.558 ppb v/v
							Undecane	10.458 ppb v/v
							Vinyl acetate	10.388 ppb v/v
							Vinyl chloride	10.388 ppb v/v
					ATTO15EthCALw_00127	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00141	06/09/21	03/09/21	Nitrogen, Lot 13	15 L	ATTO15CALs_00042	3000 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
.ATTO15EthCALw_00127	07/05/21	04/05/21	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL4w_00763	06/23/21	04/07/21	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00142	773 mL	1,1,1-Trichloroethane	10.188 ppb v/v
							1,1,2,2-Tetrachloroethane	10.338 ppb v/v
							1,1,2-Trichloroethane	10.478 ppb v/v
							1,1,2-Trichlorotrifluoroethane	10.488 ppb v/v
							1,1-Dichloroethane	9.99806 ppb v/v
							1,1-Dichloroethene	10.278 ppb v/v
							1,2,3-Trichlorobenzene	9.11823 ppb v/v
							1,2,3-Trichloropropane	10.5879 ppb v/v
							1,2,4-Trichlorobenzene	10.8579 ppb v/v
							1,2,4-Trimethylbenzene	10.398 ppb v/v
							1,2-Dibromoethane	10.6079 ppb v/v
							1,2-Dichlorobenzene	10.438 ppb v/v
							1,2-Dichloroethane	10.358 ppb v/v
							1,2-Dichloropropane	10.308 ppb v/v
							1,2-Dichlorotetrafluoroethane	10.408 ppb v/v
							1,3,5-Trimethylbenzene	10.388 ppb v/v
							1,3-Butadiene	10.118 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	10.5779 ppb v/v
							1,4-Dichlorobenzene	10.468 ppb v/v
							1,4-Dioxane	10.5779 ppb v/v
							2,2,4-Trimethylpentane	10.468 ppb v/v
							2-Chlorotoluene	10.438 ppb v/v
							2-Methylbutane	10.438 ppb v/v
							3-Chloropropene	10.6479 ppb v/v
							4-Ethyltoluene	10.328 ppb v/v
							4-Isopropyltoluene	10.308 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.238 ppb v/v
							Acetone	10.238 ppb v/v
							Acetonitrile	9.89808 ppb v/v
							Acrolein	9.71811 ppb v/v
							Acrylonitrile	10.108 ppb v/v
							Alpha Methyl Styrene	10.198 ppb v/v
							Benzene	10.328 ppb v/v
							Benzyl chloride	10.5779 ppb v/v
							Bromodichloromethane	10.5679 ppb v/v
							Bromoethene(Vinyl Bromide)	10.418 ppb v/v
							Bromoform	10.288 ppb v/v
							Bromomethane	10.308 ppb v/v
							Carbon disulfide	10.158 ppb v/v
							Carbon tetrachloride	10.158 ppb v/v
							Chlorobenzene	10.488 ppb v/v
							Chlorodifluoromethane	10.478 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	10.388 ppb v/v
							Chloroform	10.098 ppb v/v
							Chloromethane	10.9179 ppb v/v
							cis-1,2-Dichloroethene	10.098 ppb v/v
							cis-1,3-Dichloropropene	10.388 ppb v/v
							Cumene	10.428 ppb v/v
							Cyclohexane	10.148 ppb v/v
							Dibromochloromethane	9.67812 ppb v/v
							Dibromomethane	10.298 ppb v/v
							Dichlorodifluoromethane	10.438 ppb v/v
							Dodecane	9.35818 ppb v/v
							Ethyl acetate	10.128 ppb v/v
							Ethyl ether	10.078 ppb v/v
							Ethylbenzene	10.218 ppb v/v
							Hexachlorobutadiene	10.258 ppb v/v
							Isopropyl alcohol	10.218 ppb v/v
							m,p-Xylene	20.556 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	9.98806 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	10.338 ppb v/v
							Methyl methacrylate	10.158 ppb v/v
							Methyl tert-butyl ether	10.448 ppb v/v
							Methylene Chloride	10.278 ppb v/v
							n-Butane	10.358 ppb v/v
							n-Butanol	9.54815 ppb v/v
							n-Butylbenzene	10.388 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	10.418 ppb v/v
							n-Heptane	10.508 ppb v/v
							n-Hexane	10.5879 ppb v/v
							n-Nonane	10.478 ppb v/v
							n-Octane	10.328 ppb v/v
							n-Propylbenzene	10.398 ppb v/v
							Naphthalene	9.71811 ppb v/v
							o-Xylene	10.358 ppb v/v
							Pentane	10.128 ppb v/v
							Propene	10.318 ppb v/v
							sec-Butylbenzene	10.458 ppb v/v
							Styrene	10.318 ppb v/v
							tert-Butyl alcohol	10.7779 ppb v/v
							tert-Butylbenzene	10.358 ppb v/v
							Tetrachloroethene	10.498 ppb v/v
							Tetrahydrofuran	9.98806 ppb v/v
							Toluene	10.158 ppb v/v
							trans-1,2-Dichloroethene	10.198 ppb v/v
							trans-1,3-Dichloropropene	9.87808 ppb v/v
							Trichloroethene	10.528 ppb v/v
							Trichlorofluoromethane	10.558 ppb v/v
							Undecane	10.458 ppb v/v
							Vinyl acetate	10.388 ppb v/v
							Vinyl chloride	10.388 ppb v/v
					ATTO15EthCALw_00127	464 mL	Ethanol	15.0036 ppb v/v
.ATTO15CALSTKi_00142	06/23/21	03/23/21	Nitrogen, Lot 13	15 L	ATTO15CALs_00042	3000 mL	1,1,1-Trichloroethane	203.8 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
.ATTO15EthCALw_00127	07/05/21	04/05/21	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL5w_00105	06/23/21	04/07/21	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00142	1160 mL	1,1,1-Trichloroethane	15.2886 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	15.5137 ppb v/v
							1,1,2-Trichloroethane	15.7237 ppb v/v
							1,1,2-Trichlorotrifluoroethane	15.7387 ppb v/v
							1,1-Dichloroethane	15.0036 ppb v/v
							1,1-Dichloroethene	15.4237 ppb v/v
							1,2,3-Trichlorobenzene	13.6832 ppb v/v
							1,2,3-Trichloropropane	15.8888 ppb v/v
							1,2,4-Trichlorobenzene	16.2939 ppb v/v
							1,2,4-Trimethylbenzene	15.6037 ppb v/v
							1,2-Dibromoethane	15.9188 ppb v/v
							1,2-Dichlorobenzene	15.6637 ppb v/v
							1,2-Dichloroethane	15.5437 ppb v/v
							1,2-Dichloropropane	15.4687 ppb v/v
							1,2-Dichlorotetrafluoroethane	15.6187 ppb v/v
							1,3,5-Trimethylbenzene	15.5887 ppb v/v
							1,3-Butadiene	15.1836 ppb v/v
							1,3-Dichlorobenzene	15.8738 ppb v/v
							1,4-Dichlorobenzene	15.7087 ppb v/v
							1,4-Dioxane	15.8738 ppb v/v
							2,2,4-Trimethylpentane	15.7087 ppb v/v
							2-Chlorotoluene	15.6637 ppb v/v
							2-Methylbutane	15.6637 ppb v/v
							3-Chloropropene	15.9788 ppb v/v
							4-Ethyltoluene	15.4987 ppb v/v
							4-Isopropyltoluene	15.4687 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	15.3636 ppb v/v
							Acetone	15.3636 ppb v/v
							Acetonitrile	14.8535 ppb v/v
							Acrolein	14.5835 ppb v/v
							Acrylonitrile	15.1686 ppb v/v
							Alpha Methyl Styrene	15.3036 ppb v/v
							Benzene	15.4987 ppb v/v
							Benzyl chloride	15.8738 ppb v/v
							Bromodichloromethane	15.8588 ppb v/v
							Bromoethene(Vinyl Bromide)	15.6337 ppb v/v
							Bromoform	15.4387 ppb v/v
							Bromomethane	15.4687 ppb v/v
							Carbon disulfide	15.2436 ppb v/v
							Carbon tetrachloride	15.2436 ppb v/v
							Chlorobenzene	15.7387 ppb v/v
							Chlorodifluoromethane	15.7237 ppb v/v
							Chloroethane	15.5887 ppb v/v
							Chloroform	15.1536 ppb v/v
							Chloromethane	16.3839 ppb v/v
							cis-1,2-Dichloroethene	15.1536 ppb v/v
							cis-1,3-Dichloropropene	15.5887 ppb v/v
							Cumene	15.6487 ppb v/v
							Cyclohexane	15.2286 ppb v/v
							Dibromochloromethane	14.5234 ppb v/v
							Dibromomethane	15.4537 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	15.6637 ppb v/v
							Dodecane	14.0433 ppb v/v
							Ethyl acetate	15.1986 ppb v/v
							Ethyl ether	15.1236 ppb v/v
							Ethylbenzene	15.3336 ppb v/v
							Hexachlorobutadiene	15.3936 ppb v/v
							Isopropyl alcohol	15.3336 ppb v/v
							m,p-Xylene	30.8473 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	14.9886 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	15.5137 ppb v/v
							Methyl methacrylate	15.2436 ppb v/v
							Methyl tert-butyl ether	15.6787 ppb v/v
							Methylene Chloride	15.4237 ppb v/v
							n-Butane	15.5437 ppb v/v
							n-Butanol	14.3284 ppb v/v
							n-Butylbenzene	15.5887 ppb v/v
							n-Decane	15.6337 ppb v/v
							n-Heptane	15.7687 ppb v/v
							n-Hexane	15.8888 ppb v/v
							n-Nonane	15.7237 ppb v/v
							n-Octane	15.4987 ppb v/v
							n-Propylbenzene	15.6037 ppb v/v
							Naphthalene	14.5835 ppb v/v
							o-Xylene	15.5437 ppb v/v
							Pentane	15.1986 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propene	15.4837 ppb v/v
							sec-Butylbenzene	15.6937 ppb v/v
							Styrene	15.4837 ppb v/v
							tert-Butyl alcohol	16.1738 ppb v/v
							tert-Butylbenzene	15.5437 ppb v/v
							Tetrachloroethene	15.7537 ppb v/v
							Tetrahydrofuran	14.9886 ppb v/v
							Toluene	15.2436 ppb v/v
							trans-1,2-Dichloroethene	15.3036 ppb v/v
							trans-1,3-Dichloropropene	14.8235 ppb v/v
							Trichloroethene	15.7987 ppb v/v
							Trichlorofluoromethane	15.8438 ppb v/v
							Undecane	15.6937 ppb v/v
							Vinyl acetate	15.5887 ppb v/v
							Vinyl chloride	15.5887 ppb v/v
					ATTO15EthCALw_00127	620 mL	Ethanol	20.0479 ppb v/v
.ATTO15CALSTKi_00142	06/23/21	03/23/21	Nitrogen, Lot 13	15 L	ATTO15CALs_00042	3000 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
.ATTO15EthCALw_00127	07/05/21	04/05/21	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00187	06/09/21	03/09/21	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00141	1546 mL	1,1,1-Trichloroethane	20.376 ppb v/v
							1,1,2,2-Tetrachloroethane	20.676 ppb v/v
							1,1,2-Trichloroethane	20.9559 ppb v/v
							1,1,2-Trichlorotrifluoroethane	20.9759 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	20.556 ppb v/v
							1,2,3-Trichlorobenzene	18.2365 ppb v/v
							1,2,3-Trichloropropane	21.1759 ppb v/v
							1,2,4-Trichlorobenzene	21.7158 ppb v/v
							1,2,4-Trimethylbenzene	20.796 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromoethane	21.2159 ppb v/v
							1,2-Dichlorobenzene	20.8759 ppb v/v
							1,2-Dichloroethane	20.716 ppb v/v
							1,2-Dichloropropane	20.616 ppb v/v
							1,2-Dichlorotetrafluoroethane	20.816 ppb v/v
							1,3,5-Trimethylbenzene	20.776 ppb v/v
							1,3-Butadiene	20.2361 ppb v/v
							1,3-Dichlorobenzene	21.1559 ppb v/v
							1,4-Dichlorobenzene	20.9359 ppb v/v
							1,4-Dioxane	21.1559 ppb v/v
							2,2,4-Trimethylpentane	20.9359 ppb v/v
							2-Chlorotoluene	20.8759 ppb v/v
							2-Methylbutane	20.8759 ppb v/v
							3-Chloropropene	21.2959 ppb v/v
							4-Ethyltoluene	20.656 ppb v/v
							4-Isopropyltoluene	20.616 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.476 ppb v/v
							Acetone	20.476 ppb v/v
							Acetonitrile	19.7962 ppb v/v
							Acrolein	19.4362 ppb v/v
							Acrylonitrile	20.2161 ppb v/v
							Alpha Methyl Styrene	20.396 ppb v/v
							Benzene	20.656 ppb v/v
							Benzyl chloride	21.1559 ppb v/v
							Bromodichloromethane	21.1359 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoethene(Vinyl Bromide)	20.836 ppb v/v
							Bromoform	20.576 ppb v/v
							Bromomethane	20.616 ppb v/v
							Carbon disulfide	20.3161 ppb v/v
							Carbon tetrachloride	20.3161 ppb v/v
							Chlorobenzene	20.9759 ppb v/v
							Chlorodifluoromethane	20.9559 ppb v/v
							Chloroethane	20.776 ppb v/v
							Chloroform	20.1961 ppb v/v
							Chloromethane	21.8358 ppb v/v
							cis-1,2-Dichloroethene	20.1961 ppb v/v
							cis-1,3-Dichloropropene	20.776 ppb v/v
							Cumene	20.856 ppb v/v
							Cyclohexane	20.2961 ppb v/v
							Dibromochloromethane	19.3562 ppb v/v
							Dibromomethane	20.596 ppb v/v
							Dichlorodifluoromethane	20.8759 ppb v/v
							Dodecane	18.7164 ppb v/v
							Ethyl acetate	20.2561 ppb v/v
							Ethyl ether	20.1561 ppb v/v
							Ethylbenzene	20.436 ppb v/v
							Hexachlorobutadiene	20.516 ppb v/v
							Isopropyl alcohol	20.436 ppb v/v
							m,p-Xylene	41.112 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9761 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl Ethyl Ketone (2-Butanone)	20.676 ppb v/v
							Methyl methacrylate	20.3161 ppb v/v
							Methyl tert-butyl ether	20.8959 ppb v/v
							Methylene Chloride	20.556 ppb v/v
							n-Butane	20.716 ppb v/v
							n-Butanol	19.0963 ppb v/v
							n-Butylbenzene	20.776 ppb v/v
							n-Decane	20.836 ppb v/v
							n-Heptane	21.0159 ppb v/v
							n-Hexane	21.1759 ppb v/v
							n-Nonane	20.9559 ppb v/v
							n-Octane	20.656 ppb v/v
							n-Propylbenzene	20.796 ppb v/v
							Naphthalene	19.4362 ppb v/v
							o-Xylene	20.716 ppb v/v
							Pentane	20.2561 ppb v/v
							Propene	20.636 ppb v/v
							sec-Butylbenzene	20.9159 ppb v/v
							Styrene	20.636 ppb v/v
							tert-Butyl alcohol	21.5558 ppb v/v
							tert-Butylbenzene	20.716 ppb v/v
							Tetrachloroethene	20.9959 ppb v/v
							Tetrahydrofuran	19.9761 ppb v/v
							Toluene	20.3161 ppb v/v
							trans-1,2-Dichloroethene	20.396 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	19.7562 ppb v/v
							Trichloroethene	21.0559 ppb v/v
							Trichlorofluoromethane	21.1159 ppb v/v
							Undecane	20.9159 ppb v/v
							Vinyl acetate	20.776 ppb v/v
							Vinyl chloride	20.776 ppb v/v
					ATTO15EthCALw_00126	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00141	06/09/21	03/09/21	Nitrogen, Lot 13	15 L	ATTO15CALs_00042	3000 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
.ATTO15EthCALw_00126	06/09/21	03/09/21	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL6w_00188	06/23/21	04/07/21	Nitrogen, Lot 1	15.463 L	ATTO15CALSTKi_00142	1546 mL	1,1,1-Trichloroethane	20.376 ppb v/v
							1,1,2,2-Tetrachloroethane	20.676 ppb v/v
							1,1,2-Trichloroethane	20.9559 ppb v/v
							1,1,2-Trichlorotrifluoroethane	20.9759 ppb v/v
							1,1-Dichloroethane	19.9961 ppb v/v
							1,1-Dichloroethene	20.556 ppb v/v
							1,2,3-Trichlorobenzene	18.2365 ppb v/v
							1,2,3-Trichloropropane	21.1759 ppb v/v
							1,2,4-Trichlorobenzene	21.7158 ppb v/v
							1,2,4-Trimethylbenzene	20.796 ppb v/v
							1,2-Dibromoethane	21.2159 ppb v/v
							1,2-Dichlorobenzene	20.8759 ppb v/v
							1,2-Dichloroethane	20.716 ppb v/v
							1,2-Dichloropropane	20.616 ppb v/v
							1,2-Dichlorotetrafluoroethane	20.816 ppb v/v
							1,3,5-Trimethylbenzene	20.776 ppb v/v
							1,3-Butadiene	20.2361 ppb v/v
							1,3-Dichlorobenzene	21.1559 ppb v/v
							1,4-Dichlorobenzene	20.9359 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	21.1559 ppb v/v
							2,2,4-Trimethylpentane	20.9359 ppb v/v
							2-Chlorotoluene	20.8759 ppb v/v
							2-Methylbutane	20.8759 ppb v/v
							3-Chloropropene	21.2959 ppb v/v
							4-Ethyltoluene	20.656 ppb v/v
							4-Isopropyltoluene	20.616 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	20.476 ppb v/v
							Acetone	20.476 ppb v/v
							Acetonitrile	19.7962 ppb v/v
							Acrolein	19.4362 ppb v/v
							Acrylonitrile	20.2161 ppb v/v
							Alpha Methyl Styrene	20.396 ppb v/v
							Benzene	20.656 ppb v/v
							Benzyl chloride	21.1559 ppb v/v
							Bromodichloromethane	21.1359 ppb v/v
							Bromoethene(Vinyl Bromide)	20.836 ppb v/v
							Bromoform	20.576 ppb v/v
							Bromomethane	20.616 ppb v/v
							Carbon disulfide	20.3161 ppb v/v
							Carbon tetrachloride	20.3161 ppb v/v
							Chlorobenzene	20.9759 ppb v/v
							Chlorodifluoromethane	20.9559 ppb v/v
							Chloroethane	20.776 ppb v/v
							Chloroform	20.1961 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	21.8358 ppb v/v
							cis-1,2-Dichloroethene	20.1961 ppb v/v
							cis-1,3-Dichloropropene	20.776 ppb v/v
							Cumene	20.856 ppb v/v
							Cyclohexane	20.2961 ppb v/v
							Dibromochloromethane	19.3562 ppb v/v
							Dibromomethane	20.596 ppb v/v
							Dichlorodifluoromethane	20.8759 ppb v/v
							Dodecane	18.7164 ppb v/v
							Ethyl acetate	20.2561 ppb v/v
							Ethyl ether	20.1561 ppb v/v
							Ethylbenzene	20.436 ppb v/v
							Hexachlorobutadiene	20.516 ppb v/v
							Isopropyl alcohol	20.436 ppb v/v
							m,p-Xylene	41.112 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	19.9761 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	20.676 ppb v/v
							Methyl methacrylate	20.3161 ppb v/v
							Methyl tert-butyl ether	20.8959 ppb v/v
							Methylene Chloride	20.556 ppb v/v
							n-Butane	20.716 ppb v/v
							n-Butanol	19.0963 ppb v/v
							n-Butylbenzene	20.776 ppb v/v
							n-Decane	20.836 ppb v/v
							n-Heptane	21.0159 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Hexane	21.1759 ppb v/v
							n-Nonane	20.9559 ppb v/v
							n-Octane	20.656 ppb v/v
							n-Propylbenzene	20.796 ppb v/v
							Naphthalene	19.4362 ppb v/v
							o-Xylene	20.716 ppb v/v
							Pentane	20.2561 ppb v/v
							Propene	20.636 ppb v/v
							sec-Butylbenzene	20.9159 ppb v/v
							Styrene	20.636 ppb v/v
							tert-Butyl alcohol	21.5558 ppb v/v
							tert-Butylbenzene	20.716 ppb v/v
							Tetrachloroethene	20.9959 ppb v/v
							Tetrahydrofuran	19.9761 ppb v/v
							Toluene	20.3161 ppb v/v
							trans-1,2-Dichloroethene	20.396 ppb v/v
							trans-1,3-Dichloropropene	19.7562 ppb v/v
							Trichloroethene	21.0559 ppb v/v
							Trichlorofluoromethane	21.1159 ppb v/v
							Undecane	20.9159 ppb v/v
							Vinyl acetate	20.776 ppb v/v
							Vinyl chloride	20.776 ppb v/v
					ATTO15EthCALw_00127	1237 mL	Ethanol	39.9987 ppb v/v
.ATTO15CALSTKi_00142	06/23/21	03/23/21	Nitrogen, Lot 13	15 L	ATTO15CALs_00042	3000 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
.ATTO15EthCALw_00127	07/05/21	04/05/21	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00104	06/09/21	03/09/21	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00141	3092 mL	1,1,1-Trichloroethane	40.7521 ppb v/v
							1,1,2,2-Tetrachloroethane	41.352 ppb v/v
							1,1,2-Trichloroethane	41.9119 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichlorotrifluoroethane	41.9519 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	41.112 ppb v/v
							1,2,3-Trichlorobenzene	36.4729 ppb v/v
							1,2,3-Trichloropropane	42.3518 ppb v/v
							1,2,4-Trichlorobenzene	43.4316 ppb v/v
							1,2,4-Trimethylbenzene	41.5919 ppb v/v
							1,2-Dibromoethane	42.4318 ppb v/v
							1,2-Dichlorobenzene	41.7519 ppb v/v
							1,2-Dichloroethane	41.432 ppb v/v
							1,2-Dichloropropane	41.232 ppb v/v
							1,2-Dichlorotetrafluoroethane	41.6319 ppb v/v
							1,3,5-Trimethylbenzene	41.5519 ppb v/v
							1,3-Butadiene	40.4721 ppb v/v
							1,3-Dichlorobenzene	42.3118 ppb v/v
							1,4-Dichlorobenzene	41.8719 ppb v/v
							1,4-Dioxane	42.3118 ppb v/v
							2,2,4-Trimethylpentane	41.8719 ppb v/v
							2-Chlorotoluene	41.7519 ppb v/v
							2-Methylbutane	41.7519 ppb v/v
							3-Chloropropene	42.5917 ppb v/v
							4-Ethyltoluene	41.312 ppb v/v
							4-Isopropyltoluene	41.232 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	40.9521 ppb v/v
							Acetone	40.9521 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetonitrile	39.5923 ppb v/v
							Acrolein	38.8725 ppb v/v
							Acrylonitrile	40.4322 ppb v/v
							Alpha Methyl Styrene	40.7921 ppb v/v
							Benzene	41.312 ppb v/v
							Benzyl chloride	42.3118 ppb v/v
							Bromodichloromethane	42.2718 ppb v/v
							Bromoethene(Vinyl Bromide)	41.6719 ppb v/v
							Bromoform	41.152 ppb v/v
							Bromomethane	41.232 ppb v/v
							Carbon disulfide	40.6321 ppb v/v
							Carbon tetrachloride	40.6321 ppb v/v
							Chlorobenzene	41.9519 ppb v/v
							Chlorodifluoromethane	41.9119 ppb v/v
							Chloroethane	41.5519 ppb v/v
							Chloroform	40.3922 ppb v/v
							Chloromethane	43.6715 ppb v/v
							cis-1,2-Dichloroethene	40.3922 ppb v/v
							cis-1,3-Dichloropropene	41.5519 ppb v/v
							Cumene	41.7119 ppb v/v
							Cyclohexane	40.5921 ppb v/v
							Dibromochloromethane	38.7125 ppb v/v
							Dibromomethane	41.192 ppb v/v
							Dichlorodifluoromethane	41.7519 ppb v/v
							Dodecane	37.4327 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	40.5121 ppb v/v
							Ethyl ether	40.3122 ppb v/v
							Ethylbenzene	40.8721 ppb v/v
							Hexachlorobutadiene	41.032 ppb v/v
							Isopropyl alcohol	40.8721 ppb v/v
							m,p-Xylene	82.224 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9522 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	41.352 ppb v/v
							Methyl methacrylate	40.6321 ppb v/v
							Methyl tert-butyl ether	41.7919 ppb v/v
							Methylene Chloride	41.112 ppb v/v
							n-Butane	41.432 ppb v/v
							n-Butanol	38.1926 ppb v/v
							n-Butylbenzene	41.5519 ppb v/v
							n-Decane	41.6719 ppb v/v
							n-Heptane	42.0318 ppb v/v
							n-Hexane	42.3518 ppb v/v
							n-Nonane	41.9119 ppb v/v
							n-Octane	41.312 ppb v/v
							n-Propylbenzene	41.5919 ppb v/v
							Naphthalene	38.8725 ppb v/v
							o-Xylene	41.432 ppb v/v
							Pentane	40.5121 ppb v/v
							Propene	41.272 ppb v/v
							sec-Butylbenzene	41.8319 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	41.272 ppb v/v
							tert-Butyl alcohol	43.1116 ppb v/v
							tert-Butylbenzene	41.432 ppb v/v
							Tetrachloroethene	41.9919 ppb v/v
							Tetrahydrofuran	39.9522 ppb v/v
							Toluene	40.6321 ppb v/v
							trans-1,2-Dichloroethene	40.7921 ppb v/v
							trans-1,3-Dichloropropene	39.5123 ppb v/v
							Trichloroethene	42.1118 ppb v/v
							Trichlorofluoromethane	42.2318 ppb v/v
							Undecane	41.8319 ppb v/v
							Vinyl acetate	41.5519 ppb v/v
							Vinyl chloride	41.5519 ppb v/v
					ATTO15EthCALw_00126	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00141	06/09/21	03/09/21	Nitrogen, Lot 13	15 L	ATTO15CALs_00042	3000 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
.ATTO15EthCALw_00126	06/09/21	03/09/21	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15CAL7w_00105	06/23/21	04/07/21	Nitrogen, Lot 12	15.463 L	ATTO15CALSTKi_00142	3092 mL	1,1,1-Trichloroethane	40.7521 ppb v/v
							1,1,2,2-Tetrachloroethane	41.352 ppb v/v
							1,1,2-Trichloroethane	41.9119 ppb v/v
							1,1,2-Trichlorotrifluoroethane	41.9519 ppb v/v
							1,1-Dichloroethane	39.9922 ppb v/v
							1,1-Dichloroethene	41.112 ppb v/v
							1,2,3-Trichlorobenzene	36.4729 ppb v/v
							1,2,3-Trichloropropane	42.3518 ppb v/v
							1,2,4-Trichlorobenzene	43.4316 ppb v/v
							1,2,4-Trimethylbenzene	41.5919 ppb v/v
							1,2-Dibromoethane	42.4318 ppb v/v
							1,2-Dichlorobenzene	41.7519 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	41.432 ppb v/v
							1,2-Dichloropropane	41.232 ppb v/v
							1,2-Dichlorotetrafluoroethane	41.6319 ppb v/v
							1,3,5-Trimethylbenzene	41.5519 ppb v/v
							1,3-Butadiene	40.4721 ppb v/v
							1,3-Dichlorobenzene	42.3118 ppb v/v
							1,4-Dichlorobenzene	41.8719 ppb v/v
							1,4-Dioxane	42.3118 ppb v/v
							2,2,4-Trimethylpentane	41.8719 ppb v/v
							2-Chlorotoluene	41.7519 ppb v/v
							2-Methylbutane	41.7519 ppb v/v
							3-Chloropropene	42.5917 ppb v/v
							4-Ethyltoluene	41.312 ppb v/v
							4-Isopropyltoluene	41.232 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	40.9521 ppb v/v
							Acetone	40.9521 ppb v/v
							Acetonitrile	39.5923 ppb v/v
							Acrolein	38.8725 ppb v/v
							Acrylonitrile	40.4322 ppb v/v
							Alpha Methyl Styrene	40.7921 ppb v/v
							Benzene	41.312 ppb v/v
							Benzyl chloride	42.3118 ppb v/v
							Bromodichloromethane	42.2718 ppb v/v
							Bromoethene(Vinyl Bromide)	41.6719 ppb v/v
							Bromoform	41.152 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromomethane	41.232 ppb v/v
							Carbon disulfide	40.6321 ppb v/v
							Carbon tetrachloride	40.6321 ppb v/v
							Chlorobenzene	41.9519 ppb v/v
							Chlorodifluoromethane	41.9119 ppb v/v
							Chloroethane	41.5519 ppb v/v
							Chloroform	40.3922 ppb v/v
							Chloromethane	43.6715 ppb v/v
							cis-1,2-Dichloroethene	40.3922 ppb v/v
							cis-1,3-Dichloropropene	41.5519 ppb v/v
							Cumene	41.7119 ppb v/v
							Cyclohexane	40.5921 ppb v/v
							Dibromochloromethane	38.7125 ppb v/v
							Dibromomethane	41.192 ppb v/v
							Dichlorodifluoromethane	41.7519 ppb v/v
							Dodecane	37.4327 ppb v/v
							Ethyl acetate	40.5121 ppb v/v
							Ethyl ether	40.3122 ppb v/v
							Ethylbenzene	40.8721 ppb v/v
							Hexachlorobutadiene	41.032 ppb v/v
							Isopropyl alcohol	40.8721 ppb v/v
							m,p-Xylene	82.224 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	39.9522 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	41.352 ppb v/v
							Methyl methacrylate	40.6321 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	41.7919 ppb v/v
							Methylene Chloride	41.112 ppb v/v
							n-Butane	41.432 ppb v/v
							n-Butanol	38.1926 ppb v/v
							n-Butylbenzene	41.5519 ppb v/v
							n-Decane	41.6719 ppb v/v
							n-Heptane	42.0318 ppb v/v
							n-Hexane	42.3518 ppb v/v
							n-Nonane	41.9119 ppb v/v
							n-Octane	41.312 ppb v/v
							n-Propylbenzene	41.5919 ppb v/v
							Naphthalene	38.8725 ppb v/v
							o-Xylene	41.432 ppb v/v
							Pentane	40.5121 ppb v/v
							Propene	41.272 ppb v/v
							sec-Butylbenzene	41.8319 ppb v/v
							Styrene	41.272 ppb v/v
							tert-Butyl alcohol	43.1116 ppb v/v
							tert-Butylbenzene	41.432 ppb v/v
							Tetrachloroethene	41.9919 ppb v/v
							Tetrahydrofuran	39.9522 ppb v/v
							Toluene	40.6321 ppb v/v
							trans-1,2-Dichloroethene	40.7921 ppb v/v
							trans-1,3-Dichloropropene	39.5123 ppb v/v
							Trichloroethene	42.1118 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	42.2318 ppb v/v
							Undecane	41.8319 ppb v/v
							Vinyl acetate	41.5519 ppb v/v
							Vinyl chloride	41.5519 ppb v/v
					ATTO15EthCALw_00127	3092 mL	Ethanol	99.9806 ppb v/v
.ATTO15CALSTKi_00142	06/23/21	03/23/21	Nitrogen, Lot 13	15 L	ATTO15CALs_00042	3000 mL	1,1,1-Trichloroethane	203.8 ppb v/v
							1,1,2,2-Tetrachloroethane	206.8 ppb v/v
							1,1,2-Trichloroethane	209.6 ppb v/v
							1,1,2-Trichlorotrifluoroethane	209.8 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	205.6 ppb v/v
							1,2,3-Trichlorobenzene	182.4 ppb v/v
							1,2,3-Trichloropropane	211.8 ppb v/v
							1,2,4-Trichlorobenzene	217.2 ppb v/v
							1,2,4-Trimethylbenzene	208 ppb v/v
							1,2-Dibromoethane	212.2 ppb v/v
							1,2-Dichlorobenzene	208.8 ppb v/v
							1,2-Dichloroethane	207.2 ppb v/v
							1,2-Dichloropropane	206.2 ppb v/v
							1,2-Dichlorotetrafluoroethane	208.2 ppb v/v
							1,3,5-Trimethylbenzene	207.8 ppb v/v
							1,3-Butadiene	202.4 ppb v/v
							1,3-Dichlorobenzene	211.6 ppb v/v
							1,4-Dichlorobenzene	209.4 ppb v/v
							1,4-Dioxane	211.6 ppb v/v
							2,2,4-Trimethylpentane	209.4 ppb v/v
							2-Chlorotoluene	208.8 ppb v/v
							2-Methylbutane	208.8 ppb v/v
							3-Chloropropene	213 ppb v/v
							4-Ethyltoluene	206.6 ppb v/v
							4-Isopropyltoluene	206.2 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	204.8 ppb v/v
							Acetone	204.8 ppb v/v
							Acetonitrile	198 ppb v/v
							Acrolein	194.4 ppb v/v
							Acrylonitrile	202.2 ppb v/v
							Alpha Methyl Styrene	204 ppb v/v
							Benzene	206.6 ppb v/v
							Benzyl chloride	211.6 ppb v/v
							Bromodichloromethane	211.4 ppb v/v
							Bromoethene(Vinyl Bromide)	208.4 ppb v/v
							Bromoform	205.8 ppb v/v
							Bromomethane	206.2 ppb v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	203.2 ppb v/v
							Carbon tetrachloride	203.2 ppb v/v
							Chlorobenzene	209.8 ppb v/v
							Chlorodifluoromethane	209.6 ppb v/v
							Chloroethane	207.8 ppb v/v
							Chloroform	202 ppb v/v
							Chloromethane	218.4 ppb v/v
							cis-1,2-Dichloroethene	202 ppb v/v
							cis-1,3-Dichloropropene	207.8 ppb v/v
							Cumene	208.6 ppb v/v
							Cyclohexane	203 ppb v/v
							Dibromochloromethane	193.6 ppb v/v
							Dibromomethane	206 ppb v/v
							Dichlorodifluoromethane	208.8 ppb v/v
							Dodecane	187.2 ppb v/v
							Ethyl acetate	202.6 ppb v/v
							Ethyl ether	201.6 ppb v/v
							Ethylbenzene	204.4 ppb v/v
							Hexachlorobutadiene	205.2 ppb v/v
							Isopropyl alcohol	204.4 ppb v/v
							m,p-Xylene	411.2 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	199.8 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	206.8 ppb v/v
							Methyl methacrylate	203.2 ppb v/v
							Methyl tert-butyl ether	209 ppb v/v
							Methylene Chloride	205.6 ppb v/v
							n-Butane	207.2 ppb v/v
							n-Butanol	191 ppb v/v
							n-Butylbenzene	207.8 ppb v/v
							n-Decane	208.4 ppb v/v
							n-Heptane	210.2 ppb v/v
							n-Hexane	211.8 ppb v/v
							n-Nonane	209.6 ppb v/v
							n-Octane	206.6 ppb v/v
							n-Propylbenzene	208 ppb v/v
							Naphthalene	194.4 ppb v/v
							o-Xylene	207.2 ppb v/v
							Pentane	202.6 ppb v/v
							Propene	206.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	206.4 ppb v/v
							tert-Butyl alcohol	215.6 ppb v/v
							tert-Butylbenzene	207.2 ppb v/v
							Tetrachloroethene	210 ppb v/v
							Tetrahydrofuran	199.8 ppb v/v
							Toluene	203.2 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	204 ppb v/v
							trans-1,3-Dichloropropene	197.6 ppb v/v
							Trichloroethene	210.6 ppb v/v
							Trichlorofluoromethane	211.2 ppb v/v
							Undecane	209.2 ppb v/v
							Vinyl acetate	207.8 ppb v/v
							Vinyl chloride	207.8 ppb v/v
..ATTO15CALs_00042	12/13/21		Linde, Lot CC-237336		(Purchased Reagent)		1,1,1-Trichloroethane	1.019 ppm v/v
							1,1,2,2-Tetrachloroethane	1.034 ppm v/v
							1,1,2-Trichloroethane	1.048 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.049 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1.028 ppm v/v
							1,2,3-Trichlorobenzene	0.912 ppm v/v
							1,2,3-Trichloropropane	1.059 ppm v/v
							1,2,4-Trichlorobenzene	1.086 ppm v/v
							1,2,4-Trimethylbenzene	1.04 ppm v/v
							1,2-Dibromoethane	1.061 ppm v/v
							1,2-Dichlorobenzene	1.044 ppm v/v
							1,2-Dichloroethane	1.036 ppm v/v
							1,2-Dichloropropane	1.031 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.041 ppm v/v
							1,3,5-Trimethylbenzene	1.039 ppm v/v
							1,3-Butadiene	1.012 ppm v/v
							1,3-Dichlorobenzene	1.058 ppm v/v
							1,4-Dichlorobenzene	1.047 ppm v/v
							1,4-Dioxane	1.058 ppm v/v
							2,2,4-Trimethylpentane	1.047 ppm v/v
							2-Chlorotoluene	1.044 ppm v/v
							2-Methylbutane	1.044 ppm v/v
							3-Chloropropene	1.065 ppm v/v
							4-Ethyltoluene	1.033 ppm v/v
							4-Isopropyltoluene	1.031 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.024 ppm v/v
							Acetone	1.024 ppm v/v
							Acetonitrile	0.99 ppm v/v
							Acrolein	0.972 ppm v/v
							Acrylonitrile	1.011 ppm v/v
							Alpha Methyl Styrene	1.02 ppm v/v
							Benzene	1.033 ppm v/v
							Benzyl chloride	1.058 ppm v/v
							Bromodichloromethane	1.057 ppm v/v
							Bromoethene(Vinyl Bromide)	1.042 ppm v/v
							Bromoform	1.029 ppm v/v
							Bromomethane	1.031 ppm v/v
							Carbon disulfide	1.016 ppm v/v
							Carbon tetrachloride	1.016 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	1.049 ppm v/v
							Chlorodifluoromethane	1.048 ppm v/v
							Chloroethane	1.039 ppm v/v
							Chloroform	1.01 ppm v/v
							Chloromethane	1.092 ppm v/v
							cis-1,2-Dichloroethene	1.01 ppm v/v
							cis-1,3-Dichloropropene	1.039 ppm v/v
							Cumene	1.043 ppm v/v
							Cyclohexane	1.015 ppm v/v
							Dibromochloromethane	0.968 ppm v/v
							Dibromomethane	1.03 ppm v/v
							Dichlorodifluoromethane	1.044 ppm v/v
							Dodecane	0.936 ppm v/v
							Ethyl acetate	1.013 ppm v/v
							Ethyl ether	1.008 ppm v/v
							Ethylbenzene	1.022 ppm v/v
							Hexachlorobutadiene	1.026 ppm v/v
							Isopropyl alcohol	1.022 ppm v/v
							m,p-Xylene	2.056 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	0.999 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.034 ppm v/v
							Methyl methacrylate	1.016 ppm v/v
							Methyl tert-butyl ether	1.045 ppm v/v
							Methylene Chloride	1.028 ppm v/v
							n-Butane	1.036 ppm v/v
							n-Butanol	0.955 ppm v/v
							n-Butylbenzene	1.039 ppm v/v
							n-Decane	1.042 ppm v/v
							n-Heptane	1.051 ppm v/v
							n-Hexane	1.059 ppm v/v
							n-Nonane	1.048 ppm v/v
							n-Octane	1.033 ppm v/v
							n-Propylbenzene	1.04 ppm v/v
							Naphthalene	0.972 ppm v/v
							o-Xylene	1.036 ppm v/v
							Pentane	1.013 ppm v/v
							Propene	1.032 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.032 ppm v/v
							tert-Butyl alcohol	1.078 ppm v/v
							tert-Butylbenzene	1.036 ppm v/v
							Tetrachloroethene	1.05 ppm v/v
							Tetrahydrofuran	0.999 ppm v/v
							Toluene	1.016 ppm v/v
							trans-1,2-Dichloroethene	1.02 ppm v/v
							trans-1,3-Dichloropropene	0.988 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	1.053 ppm v/v
							Trichlorofluoromethane	1.056 ppm v/v
							Undecane	1.046 ppm v/v
							Vinyl acetate	1.039 ppm v/v
							Vinyl chloride	1.039 ppm v/v
.ATTO15EthCALw_00127	07/05/21	04/05/21	Nitrogen, Lot 12	37.5 ppb	ATTO15EthCALs_00009	18.75 uL	Ethanol	500 ppb v/v
..ATTO15EthCALs_00009	09/05/21	Chem Service, Lot 5301900			(Purchased Reagent)		Ethanol	1 mL/mL
ATTO15GIS_00017							1,2-Dichloroethene, Total	
							1,4-Difluorobenzene	100 ppb v/v
							BFB	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
							Tentatively Identified Compound	
							Total Alkanes	
							Xylenes, Total	
ATTO15LCSW_00823	06/09/21	04/05/21	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00117	773 mL	1,1,1-Trichloroethane	10.318 ppb v/v
							1,1,2,2-Tetrachloroethane	10.348 ppb v/v
							1,1,2-Trichloroethane	10.488 ppb v/v
							1,1,2-Trichlorotrifluoroethane	10.6779 ppb v/v
							1,1-Dichloroethane	10.268 ppb v/v
							1,1-Dichloroethene	10.188 ppb v/v
							1,2,4-Trichlorobenzene	10.9779 ppb v/v
							1,2,4-Trimethylbenzene	10.438 ppb v/v
							1,2-Dibromoethane	10.6579 ppb v/v
							1,2-Dichlorobenzene	10.7579 ppb v/v
							1,2-Dichloroethane	10.458 ppb v/v
							1,2-Dichloropropane	10.348 ppb v/v
							1,2-Dichlorotetrafluoroethane	10.5879 ppb v/v
							1,3,5-Trimethylbenzene	10.488 ppb v/v
							1,3-Butadiene	9.69812 ppb v/v
							1,3-Dichlorobenzene	10.168 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	10.398 ppb v/v
							1,4-Dioxane	10.288 ppb v/v
							2,2,4-Trimethylpentane	10.138 ppb v/v
							2-Chlorotoluene	10.428 ppb v/v
							3-Chloropropene	10.7279 ppb v/v
							4-Ethyltoluene	10.248 ppb v/v
							4-Isopropyltoluene	10.498 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.188 ppb v/v
							Acetone	10.428 ppb v/v
							Benzene	10.388 ppb v/v
							Benzyl chloride	10.158 ppb v/v
							Bromodichloromethane	10.288 ppb v/v
							Bromoethene(Vinyl Bromide)	10.0481 ppb v/v
							Bromoform	10.298 ppb v/v
							Bromomethane	10.398 ppb v/v
							Carbon disulfide	10.358 ppb v/v
							Carbon tetrachloride	10.0481 ppb v/v
							Chlorobenzene	10.498 ppb v/v
							Chlorodifluoromethane	10.5779 ppb v/v
							Chloroethane	10.5679 ppb v/v
							Chloroform	10.318 ppb v/v
							Chloromethane	9.93807 ppb v/v
							cis-1,2-Dichloroethene	10.368 ppb v/v
							cis-1,3-Dichloropropene	9.93807 ppb v/v
							Cumene	10.458 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	10.218 ppb v/v
							Dibromochloromethane	10.5979 ppb v/v
							Dichlorodifluoromethane	10.5779 ppb v/v
							Ethylbenzene	10.228 ppb v/v
							Hexachlorobutadiene	10.8479 ppb v/v
							Isopropyl alcohol	10.168 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	10.108 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	10.358 ppb v/v
							Methyl methacrylate	10.208 ppb v/v
							Methyl tert-butyl ether	10.558 ppb v/v
							Methylene Chloride	10.248 ppb v/v
							n-Butane	10.298 ppb v/v
							n-Butylbenzene	10.508 ppb v/v
							n-Heptane	10.308 ppb v/v
							n-Hexane	10.468 ppb v/v
							n-Propylbenzene	10.358 ppb v/v
							Naphthalene	10.498 ppb v/v
							o-Xylene	10.368 ppb v/v
							sec-Butylbenzene	10.458 ppb v/v
							Styrene	10.278 ppb v/v
							tert-Butyl alcohol	10.7979 ppb v/v
							tert-Butylbenzene	10.398 ppb v/v
							Tetrachloroethene	10.468 ppb v/v
							Tetrahydrofuran	9.8081 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	10.198 ppb v/v
							trans-1,2-Dichloroethene	10.328 ppb v/v
							trans-1,3-Dichloropropene	9.84809 ppb v/v
							Trichloroethene	10.288 ppb v/v
							Trichlorofluoromethane	10.408 ppb v/v
							Vinyl chloride	9.98806 ppb v/v
.ATTO15LCSSTKi_00117	06/15/21	03/15/21	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00043	7500 mL	1,1,1-Trichloroethane	206.4 ppb v/v
							1,1,2,2-Tetrachloroethane	207 ppb v/v
							1,1,2-Trichloroethane	209.8 ppb v/v
							1,1,2-Trichlorotrifluoroethane	213.6 ppb v/v
							1,1-Dichloroethane	205.4 ppb v/v
							1,1-Dichloroethene	203.8 ppb v/v
							1,2,4-Trichlorobenzene	219.6 ppb v/v
							1,2,4-Trimethylbenzene	208.8 ppb v/v
							1,2-Dibromoethane	213.2 ppb v/v
							1,2-Dichlorobenzene	215.2 ppb v/v
							1,2-Dichloroethane	209.2 ppb v/v
							1,2-Dichloropropane	207 ppb v/v
							1,2-Dichlorotetrafluoroethane	211.8 ppb v/v
							1,3,5-Trimethylbenzene	209.8 ppb v/v
							1,3-Butadiene	194 ppb v/v
							1,3-Dichlorobenzene	203.4 ppb v/v
							1,4-Dichlorobenzene	208 ppb v/v
							1,4-Dioxane	205.8 ppb v/v
							2,2,4-Trimethylpentane	202.8 ppb v/v
							2-Chlorotoluene	208.6 ppb v/v
							3-Chloropropene	214.6 ppb v/v
							4-Ethyltoluene	205 ppb v/v
							4-Isopropyltoluene	210 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	203.8 ppb v/v
							Acetone	208.6 ppb v/v
							Benzene	207.8 ppb v/v
							Benzyl chloride	203.2 ppb v/v
							Bromodichloromethane	205.8 ppb v/v
							Bromoethene(Vinyl Bromide)	201 ppb v/v
							Bromoform	206 ppb v/v
							Bromomethane	208 ppb v/v
							Carbon disulfide	207.2 ppb v/v
							Carbon tetrachloride	201 ppb v/v
							Chlorobenzene	210 ppb v/v
							Chlorodifluoromethane	211.6 ppb v/v
							Chloroethane	211.4 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	206.4 ppb v/v
							Chloromethane	198.8 ppb v/v
							cis-1,2-Dichloroethene	207.4 ppb v/v
							cis-1,3-Dichloropropene	198.8 ppb v/v
							Cumene	209.2 ppb v/v
							Cyclohexane	204.4 ppb v/v
							Dibromochloromethane	212 ppb v/v
							Dichlorodifluoromethane	211.6 ppb v/v
							Ethylbenzene	204.6 ppb v/v
							Hexachlorobutadiene	217 ppb v/v
							Isopropyl alcohol	203.4 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	202.2 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	207.2 ppb v/v
							Methyl methacrylate	204.2 ppb v/v
							Methyl tert-butyl ether	211.2 ppb v/v
							Methylene Chloride	205 ppb v/v
							n-Butane	206 ppb v/v
							n-Butylbenzene	210.2 ppb v/v
							n-Heptane	206.2 ppb v/v
							n-Hexane	209.4 ppb v/v
							n-Propylbenzene	207.2 ppb v/v
							Naphthalene	210 ppb v/v
							o-Xylene	207.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	205.6 ppb v/v
							tert-Butyl alcohol	216 ppb v/v
							tert-Butylbenzene	208 ppb v/v
							Tetrachloroethene	209.4 ppb v/v
							Tetrahydrofuran	196.2 ppb v/v
							Toluene	204 ppb v/v
							trans-1,2-Dichloroethene	206.6 ppb v/v
							trans-1,3-Dichloropropene	197 ppb v/v
							Trichloroethene	205.8 ppb v/v
							Trichlorofluoromethane	208.2 ppb v/v
							Vinyl chloride	199.8 ppb v/v
..ATTO15CALs_00043	12/14/21		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1.032 ppm v/v
							1,1,2,2-Tetrachloroethane	1.035 ppm v/v
							1,1,2-Trichloroethane	1.049 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.068 ppm v/v
							1,1-Dichloroethane	1.027 ppm v/v
							1,1-Dichloroethene	1.019 ppm v/v
							1,2,4-Trichlorobenzene	1.098 ppm v/v
							1,2,4-Trimethylbenzene	1.044 ppm v/v
							1,2-Dibromoethane	1.066 ppm v/v
							1,2-Dichlorobenzene	1.076 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	1.046 ppm v/v
							1,2-Dichloropropane	1.035 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.059 ppm v/v
							1,3,5-Trimethylbenzene	1.049 ppm v/v
							1,3-Butadiene	0.97 ppm v/v
							1,3-Dichlorobenzene	1.017 ppm v/v
							1,4-Dichlorobenzene	1.04 ppm v/v
							1,4-Dioxane	1.029 ppm v/v
							2,2,4-Trimethylpentane	1.014 ppm v/v
							2-Chlorotoluene	1.043 ppm v/v
							3-Chloropropene	1.073 ppm v/v
							4-Ethyltoluene	1.025 ppm v/v
							4-Isopropyltoluene	1.05 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.019 ppm v/v
							Acetone	1.043 ppm v/v
							Benzene	1.039 ppm v/v
							Benzyl chloride	1.016 ppm v/v
							Bromodichloromethane	1.029 ppm v/v
							Bromoethene(Vinyl Bromide)	1.005 ppm v/v
							Bromoform	1.03 ppm v/v
							Bromomethane	1.04 ppm v/v
							Carbon disulfide	1.036 ppm v/v
							Carbon tetrachloride	1.005 ppm v/v
							Chlorobenzene	1.05 ppm v/v
							Chlorodifluoromethane	1.058 ppm v/v
							Chloroethane	1.057 ppm v/v
							Chloroform	1.032 ppm v/v
							Chloromethane	0.994 ppm v/v
							cis-1,2-Dichloroethene	1.037 ppm v/v
							cis-1,3-Dichloropropene	0.994 ppm v/v
							Cumene	1.046 ppm v/v
							Cyclohexane	1.022 ppm v/v
							Dibromochloromethane	1.06 ppm v/v
							Dichlorodifluoromethane	1.058 ppm v/v
							Ethylbenzene	1.023 ppm v/v
							Hexachlorobutadiene	1.085 ppm v/v
							Isopropyl alcohol	1.017 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1.011 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.036 ppm v/v
							Methyl methacrylate	1.021 ppm v/v
							Methyl tert-butyl ether	1.056 ppm v/v
							Methylene Chloride	1.025 ppm v/v
							n-Butane	1.03 ppm v/v
							n-Butylbenzene	1.051 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	1.031 ppm v/v
							n-Hexane	1.047 ppm v/v
							n-Propylbenzene	1.036 ppm v/v
							Naphthalene	1.05 ppm v/v
							o-Xylene	1.037 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.028 ppm v/v
							tert-Butyl alcohol	1.08 ppm v/v
							tert-Butylbenzene	1.04 ppm v/v
							Tetrachloroethene	1.047 ppm v/v
							Tetrahydrofuran	0.981 ppm v/v
							Toluene	1.02 ppm v/v
							trans-1,2-Dichloroethene	1.033 ppm v/v
							trans-1,3-Dichloropropene	0.985 ppm v/v
							Trichloroethene	1.029 ppm v/v
							Trichlorofluoromethane	1.041 ppm v/v
							Vinyl chloride	0.999 ppm v/v
ATTO15LCSW_00824	07/05/21	04/19/21	Nitrogen, Lot 13	15.463 L	ATTO15LCSSTKi_00118	773 mL	1,1,1-Trichloroethane	10.318 ppb v/v
							1,1,2,2-Tetrachloroethane	10.348 ppb v/v
							1,1,2-Trichloroethane	10.488 ppb v/v
							1,1,2-Trichlorotrifluoroethane	10.6779 ppb v/v
							1,1-Dichloroethane	10.268 ppb v/v
							1,1-Dichloroethene	10.188 ppb v/v
							1,2,4-Trichlorobenzene	10.9779 ppb v/v
							1,2,4-Trimethylbenzene	10.438 ppb v/v
							1,2-Dibromoethane	10.6579 ppb v/v
							1,2-Dichlorobenzene	10.7579 ppb v/v
							1,2-Dichloroethane	10.458 ppb v/v
							1,2-Dichloropropane	10.348 ppb v/v
							1,2-Dichlorotetrafluoroethane	10.5879 ppb v/v
							1,3,5-Trimethylbenzene	10.488 ppb v/v
							1,3-Butadiene	9.69812 ppb v/v
							1,3-Dichlorobenzene	10.168 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	10.398 ppb v/v
							1,4-Dioxane	10.288 ppb v/v
							2,2,4-Trimethylpentane	10.138 ppb v/v
							2-Chlorotoluene	10.428 ppb v/v
							3-Chloropropene	10.7279 ppb v/v
							4-Ethyltoluene	10.248 ppb v/v
							4-Isopropyltoluene	10.498 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.188 ppb v/v
							Acetone	10.428 ppb v/v
							Benzene	10.388 ppb v/v
							Benzyl chloride	10.158 ppb v/v
							Bromodichloromethane	10.288 ppb v/v
							Bromoethene(Vinyl Bromide)	10.0481 ppb v/v
							Bromoform	10.298 ppb v/v
							Bromomethane	10.398 ppb v/v
							Carbon disulfide	10.358 ppb v/v
							Carbon tetrachloride	10.0481 ppb v/v
							Chlorobenzene	10.498 ppb v/v
							Chlorodifluoromethane	10.5779 ppb v/v
							Chloroethane	10.5679 ppb v/v
							Chloroform	10.318 ppb v/v
							Chloromethane	9.93807 ppb v/v
							cis-1,2-Dichloroethene	10.368 ppb v/v
							cis-1,3-Dichloropropene	9.93807 ppb v/v
							Cumene	10.458 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	10.218 ppb v/v
							Dibromochloromethane	10.5979 ppb v/v
							Dichlorodifluoromethane	10.5779 ppb v/v
							Ethylbenzene	10.228 ppb v/v
							Hexachlorobutadiene	10.8479 ppb v/v
							Isopropyl alcohol	10.168 ppb v/v
							m,p-Xylene	19.9961 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	10.108 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	10.358 ppb v/v
							Methyl methacrylate	10.208 ppb v/v
							Methyl tert-butyl ether	10.558 ppb v/v
							Methylene Chloride	10.248 ppb v/v
							n-Butane	10.298 ppb v/v
							n-Butylbenzene	10.508 ppb v/v
							n-Heptane	10.308 ppb v/v
							n-Hexane	10.468 ppb v/v
							n-Propylbenzene	10.358 ppb v/v
							Naphthalene	10.498 ppb v/v
							o-Xylene	10.368 ppb v/v
							sec-Butylbenzene	10.458 ppb v/v
							Styrene	10.278 ppb v/v
							tert-Butyl alcohol	10.7979 ppb v/v
							tert-Butylbenzene	10.398 ppb v/v
							Tetrachloroethene	10.468 ppb v/v
							Tetrahydrofuran	9.8081 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	10.198 ppb v/v
							trans-1,2-Dichloroethene	10.328 ppb v/v
							trans-1,3-Dichloropropene	9.84809 ppb v/v
							Trichloroethene	10.288 ppb v/v
							Trichlorofluoromethane	10.408 ppb v/v
							Vinyl chloride	9.98806 ppb v/v
.ATTO15LCSSTKi_00118	07/16/21	04/16/21	Nitrogen, Lot 12	37.5 L	ATTO15CALs_00043	7500 mL	1,1,1-Trichloroethane	206.4 ppb v/v
							1,1,2,2-Tetrachloroethane	207 ppb v/v
							1,1,2-Trichloroethane	209.8 ppb v/v
							1,1,2-Trichlorotrifluoroethane	213.6 ppb v/v
							1,1-Dichloroethane	205.4 ppb v/v
							1,1-Dichloroethene	203.8 ppb v/v
							1,2,4-Trichlorobenzene	219.6 ppb v/v
							1,2,4-Trimethylbenzene	208.8 ppb v/v
							1,2-Dibromoethane	213.2 ppb v/v
							1,2-Dichlorobenzene	215.2 ppb v/v
							1,2-Dichloroethane	209.2 ppb v/v
							1,2-Dichloropropane	207 ppb v/v
							1,2-Dichlorotetrafluoroethane	211.8 ppb v/v
							1,3,5-Trimethylbenzene	209.8 ppb v/v
							1,3-Butadiene	194 ppb v/v
							1,3-Dichlorobenzene	203.4 ppb v/v
							1,4-Dichlorobenzene	208 ppb v/v
							1,4-Dioxane	205.8 ppb v/v
							2,2,4-Trimethylpentane	202.8 ppb v/v
							2-Chlorotoluene	208.6 ppb v/v
							3-Chloropropene	214.6 ppb v/v
							4-Ethyltoluene	205 ppb v/v
							4-Isopropyltoluene	210 ppb v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	203.8 ppb v/v
							Acetone	208.6 ppb v/v
							Benzene	207.8 ppb v/v
							Benzyl chloride	203.2 ppb v/v
							Bromodichloromethane	205.8 ppb v/v
							Bromoethene(Vinyl Bromide)	201 ppb v/v
							Bromoform	206 ppb v/v
							Bromomethane	208 ppb v/v
							Carbon disulfide	207.2 ppb v/v
							Carbon tetrachloride	201 ppb v/v
							Chlorobenzene	210 ppb v/v
							Chlorodifluoromethane	211.6 ppb v/v
							Chloroethane	211.4 ppb v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	206.4 ppb v/v
							Chloromethane	198.8 ppb v/v
							cis-1,2-Dichloroethene	207.4 ppb v/v
							cis-1,3-Dichloropropene	198.8 ppb v/v
							Cumene	209.2 ppb v/v
							Cyclohexane	204.4 ppb v/v
							Dibromochloromethane	212 ppb v/v
							Dichlorodifluoromethane	211.6 ppb v/v
							Ethylbenzene	204.6 ppb v/v
							Hexachlorobutadiene	217 ppb v/v
							Isopropyl alcohol	203.4 ppb v/v
							m,p-Xylene	400 ppb v/v
							Methyl Butyl Ketone (2-Hexanone)	202.2 ppb v/v
							Methyl Ethyl Ketone (2-Butanone)	207.2 ppb v/v
							Methyl methacrylate	204.2 ppb v/v
							Methyl tert-butyl ether	211.2 ppb v/v
							Methylene Chloride	205 ppb v/v
							n-Butane	206 ppb v/v
							n-Butylbenzene	210.2 ppb v/v
							n-Heptane	206.2 ppb v/v
							n-Hexane	209.4 ppb v/v
							n-Propylbenzene	207.2 ppb v/v
							Naphthalene	210 ppb v/v
							o-Xylene	207.4 ppb v/v
							sec-Butylbenzene	209.2 ppb v/v
							Styrene	205.6 ppb v/v
							tert-Butyl alcohol	216 ppb v/v
							tert-Butylbenzene	208 ppb v/v
							Tetrachloroethene	209.4 ppb v/v
							Tetrahydrofuran	196.2 ppb v/v
							Toluene	204 ppb v/v
							trans-1,2-Dichloroethene	206.6 ppb v/v
							trans-1,3-Dichloropropene	197 ppb v/v
							Trichloroethene	205.8 ppb v/v
							Trichlorofluoromethane	208.2 ppb v/v
							Vinyl chloride	199.8 ppb v/v
..ATTO15CALs_00043	12/14/21		Linde, Lot CC-133603		(Purchased Reagent)		1,1,1-Trichloroethane	1.032 ppm v/v
							1,1,2,2-Tetrachloroethane	1.035 ppm v/v
							1,1,2-Trichloroethane	1.049 ppm v/v
							1,1,2-Trichlorotrifluoroethane	1.068 ppm v/v
							1,1-Dichloroethane	1.027 ppm v/v
							1,1-Dichloroethene	1.019 ppm v/v
							1,2,4-Trichlorobenzene	1.098 ppm v/v
							1,2,4-Trimethylbenzene	1.044 ppm v/v
							1,2-Dibromoethane	1.066 ppm v/v
							1,2-Dichlorobenzene	1.076 ppm v/v

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	1.046 ppm v/v
							1,2-Dichloropropane	1.035 ppm v/v
							1,2-Dichlorotetrafluoroethane	1.059 ppm v/v
							1,3,5-Trimethylbenzene	1.049 ppm v/v
							1,3-Butadiene	0.97 ppm v/v
							1,3-Dichlorobenzene	1.017 ppm v/v
							1,4-Dichlorobenzene	1.04 ppm v/v
							1,4-Dioxane	1.029 ppm v/v
							2,2,4-Trimethylpentane	1.014 ppm v/v
							2-Chlorotoluene	1.043 ppm v/v
							3-Chloropropene	1.073 ppm v/v
							4-Ethyltoluene	1.025 ppm v/v
							4-Isopropyltoluene	1.05 ppm v/v
							4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.019 ppm v/v
							Acetone	1.043 ppm v/v
							Benzene	1.039 ppm v/v
							Benzyl chloride	1.016 ppm v/v
							Bromodichloromethane	1.029 ppm v/v
							Bromoethene(Vinyl Bromide)	1.005 ppm v/v
							Bromoform	1.03 ppm v/v
							Bromomethane	1.04 ppm v/v
							Carbon disulfide	1.036 ppm v/v
							Carbon tetrachloride	1.005 ppm v/v
							Chlorobenzene	1.05 ppm v/v
							Chlorodifluoromethane	1.058 ppm v/v
							Chloroethane	1.057 ppm v/v
							Chloroform	1.032 ppm v/v
							Chloromethane	0.994 ppm v/v
							cis-1,2-Dichloroethene	1.037 ppm v/v
							cis-1,3-Dichloropropene	0.994 ppm v/v
							Cumene	1.046 ppm v/v
							Cyclohexane	1.022 ppm v/v
							Dibromochloromethane	1.06 ppm v/v
							Dichlorodifluoromethane	1.058 ppm v/v
							Ethylbenzene	1.023 ppm v/v
							Hexachlorobutadiene	1.085 ppm v/v
							Isopropyl alcohol	1.017 ppm v/v
							m,p-Xylene	2 ppm v/v
							Methyl Butyl Ketone (2-Hexanone)	1.011 ppm v/v
							Methyl Ethyl Ketone (2-Butanone)	1.036 ppm v/v
							Methyl methacrylate	1.021 ppm v/v
							Methyl tert-butyl ether	1.056 ppm v/v
							Methylene Chloride	1.025 ppm v/v
							n-Butane	1.03 ppm v/v
							n-Butylbenzene	1.051 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	1.031 ppm v/v
							n-Hexane	1.047 ppm v/v
							n-Propylbenzene	1.036 ppm v/v
							Naphthalene	1.05 ppm v/v
							o-Xylene	1.037 ppm v/v
							sec-Butylbenzene	1.046 ppm v/v
							Styrene	1.028 ppm v/v
							tert-Butyl alcohol	1.08 ppm v/v
							tert-Butylbenzene	1.04 ppm v/v
							Tetrachloroethene	1.047 ppm v/v
							Tetrahydrofuran	0.981 ppm v/v
							Toluene	1.02 ppm v/v
							trans-1,2-Dichloroethene	1.033 ppm v/v
							trans-1,3-Dichloropropene	0.985 ppm v/v
							Trichloroethene	1.029 ppm v/v
							Trichlorofluoromethane	1.041 ppm v/v
							Vinyl chloride	0.999 ppm v/v
ATTO15XISs_00002							1,2-Dichloroethene, Total	
							1,4-Difluorobenzene	100 ppb v/v
							BFB	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v
							Tentatively Identified Compound	
							Total Alkanes	
							Xylenes, Total	

Reagent

ATTO15CALs_00042

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
1,1,1-Trichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1,2,2-Tetrachloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1,2-Trichloro-1,2,2-trifluoroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1,2-Trichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1-Dichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1-Dichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,3-Trichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,3-Trichloropropane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,4-Trichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,4-Trimethylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichloro-1,1,2,2-tetrafluoroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichloroethene, Total	40MXTANKDP_00008	11/25/2021	2.00000	ppm v/v	400.00000	ppb v/v
1,2-Dichloropropane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,3,5-Trimethylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,3-Dichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,4-Dichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
1,4-Dioxane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Butanone (MEK)	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Chlorotoluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Hexanone	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Methyl-2-propanol	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Methylbutane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
3-Chloro-1-propene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
4-Ethyltoluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
4-Isopropyltoluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
4-Methyl-2-pentanone (MIBK)	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acetone	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acetonitrile	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acrolein	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acrylonitrile	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Alpha Methyl Styrene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Benzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Benzyl chloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Bromoform	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Bromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Butadiene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Butane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
C6 Range	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
C8 Range	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Carbon disulfide	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Carbon tetrachloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chlorodibromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chlorodifluoromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chloroform	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chloromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
cis-1,2-Dichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
cis-1,3-Dichloropropene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Cyclohexane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Dibromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Dichlorobromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Dichlorodifluoromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Dodecane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethyl acetate	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethyl ether	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethylene Dibromide	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Hexachlorobutadiene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Hexane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Isooctane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Isopropyl alcohol	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Isopropylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Methyl methacrylate	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Methyl tert-butyl ether	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Methylene Chloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
m-Xylene & p-Xylene	40MXTANKDP_00008	11/25/2021	2.00000	ppm v/v	400.00000	ppb v/v
Naphthalene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Butanol	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Butylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
n-Decane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Heptane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Nonane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Octane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
N-Propylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
o-Xylene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Pentane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Propene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
sec-Butylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Styrene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
tert-Butylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Tetrachloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Tetrahydrofuran	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Toluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Toluene Range	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
trans-1,2-Dichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
trans-1,3-Dichloropropene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Trichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Trichlorofluoromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Undecane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Vinyl acetate	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Vinyl bromide	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Vinyl chloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Xylenes, Total	40MXTANKDP_00008	11/25/2021	3.00000	ppm v/v	600.00000	ppb v/v

Source Reagents

Reagent	Description	Type	Expiration	Vendor	Vendor Lot #	Vendor Cat Lot #	Volume Used	Volume Units
40MXTANKDP_00008	Tank D Mega primary	ASTD	11/25/21	Linde	CC-118524	PO:US11382328	7.34000	psi abs

4700 Precision Diluter Standards Preparation Report

Dilution ID: 399

Canister Size: 15000cc **Canister ID:** SN# 1652 **Target Final Psia:** 36.7

Comment: 200 ppb v/v Burlington Recert

Date: 12/7/2020 10:39:34 AM

Report ID: 343746

Prepared By: AFB

343746

ID: 40XX200tankD_00001

Exp: 02/07/21 Prpd: AFB Crt: 12/07/20

200ppb v/v Tank D Bur Rec

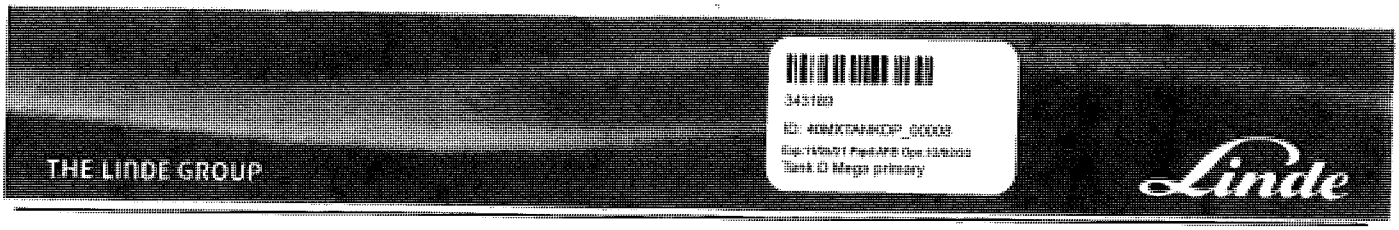
Channel Methods

Ch.	Title	Init. Conc.	Target Conc.	Dilution Factor	Init. Psia	Target Psid	Final Psid	Target Psia	Final Psia	Duration	Final Conc.
1	Diluent	100 percent	100 percent	1	0.32	11.64	11.64	11.96	11.96	00:11:48	N/A
3	D Mega Pri	1000 ppb	200 ppb	5	11.96	7.28	7.28	19.24	19.24	00:19:34	200.1 ppb
1	Diluent	100 percent	100 percent	1	19.24	17.46	17.46	36.70	36.70	00:18:04	N/A

Total Duration: 00:49:33

Channel Configuration and Standards Inventory

Ch.	Source	Init. Conc.	Cylinder ID	Expiration Date	Notes
1	Diluent	100 percent		12/31/2021	
3	D Mega Pri	1000 ppb		11/25/2021	



SHIPPED TO: Test America Inc.
5815 Middlebrook Pike
Knoxville, TN 37921

Tank D to 12/2/20

ANALYSIS REPORT

Sales#:	117401727
Production#:	1523772
Report Date:	Nov-24-2020
P.O.# :	US113823280
Blend Type:	QUALIFIED
Material#:	24106776
Traceability:	NIST by weight
Expiration Date:	Nov-24-2021
Do NOT use under:	150 psig

Cylinder Size:	152 (8" X 47.5")
Cylinder # :	CC-118524
Cylinder Pressure:	1700 psig
Cylinder Valve:	CGA 350 / Steel
Cylinder Volume:	29.5 Liter
Cylinder Material:	Aluminum
Gas Volume:	3400 Liters
Blend Tolerance:	10% Relative
Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Propylene	115-07-1	1.00 ppm	1.04 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.06 ppm
Freon-12	75-71-8	1.00 ppm	1.03 ppm
Chloromethane	74-87-3	1.00 ppm	1.04 ppm
Freon-114	76-14-2	1.00 ppm	1.03 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.04 ppm
1,3-Butadiene	106-99-0	1.00 ppm	1.04 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	0.81 ppm
n-Butane	106-97-8	1.00 ppm	1.06 ppm
Bromomethane	74-83-9	1.00 ppm	1.04 ppm
Chloroethane	75-00-3	1.00 ppm	1.04 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.04 ppm
Acetonitrile (No Stability Guarantee)	75-05-8	1.00 ppm	1.00 ppm
Acrolein	107-02-8	1.00 ppm	0.99 ppm
Isopentane	78-78-4	1.00 ppm	1.03 ppm
Acetone	67-64-1	1.00 ppm	1.02 ppm
Freon-11	75-69-4	1.00 ppm	1.05 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	1.04 ppm
Acrylonitrile	107-13-1	1.00 ppm	1.03 ppm
n-Pentane	109-66-0	1.00 ppm	1.04 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.03 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.05 ppm
Carbon Disulfide	75-15-0	1.00 ppm	1.03 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.03 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.10 ppm
3-Chloropropene	107-05-1	1.00 ppm	1.03 ppm
Freon-113	76-13-1	1.00 ppm	1.03 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.04 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.04 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.03 ppm

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5815 Middlebrook Pike
Knoxville, TN 37921

ANALYSIS REPORT

Sales#:	117401727	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1523772	**Cylinder # :**	CC-118524
Report Date:	Nov-24-2020	**Cylinder Pressure:**	1700 psig
P.O.# :	US113823280	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Nov-24-2021	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate	108-05-4	1.00 ppm	1.10 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.02 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.04 ppm
Hexane	110-54-3	1.00 ppm	1.03 ppm
Chloroform	67-66-3	1.00 ppm	1.04 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.04 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	1.02 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.03 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.03 ppm
Benzene	71-43-2	1.00 ppm	1.04 ppm
1-Butanol	71-36-3	1.00 ppm	0.92 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.02 ppm
Cyclohexane	110-82-7	1.00 ppm	1.03 ppm
Dibromomethane	74-95-3	1.00 ppm	1.03 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.03 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.00 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.00 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.00 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.04 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	1.02 ppm
Heptane	142-82-5	1.00 ppm	1.03 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.01 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	1.00 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.02 ppm
Toluene	108-88-3	1.00 ppm	1.02 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	1.00 ppm
Dibromochloromethane	124-48-1	1.00 ppm	1.04 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.04 ppm
n-Octane	111-65-9	1.00 ppm	1.01 ppm

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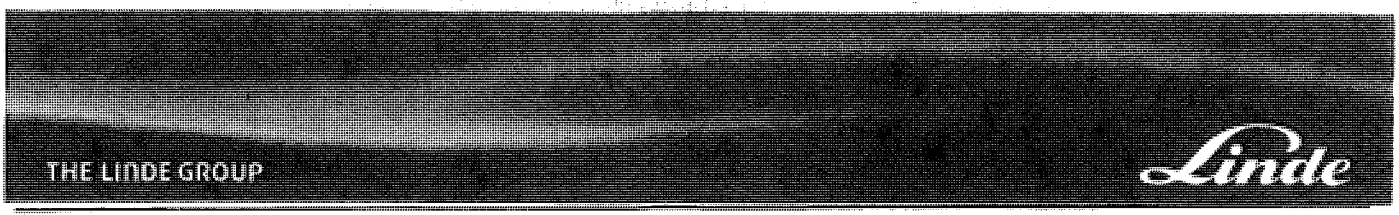

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5815 Middlebrook Pike
Knoxville, TN 37921

ANALYSIS REPORT

Sales#:	117401727	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1523772	**Cylinder # :**	CC-118524
Report Date:	Nov-24-2020	**Cylinder Pressure:**	1700 psig
P.O.# :	US113823280	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Nov-24-2021	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Tetrachloroethylene	127-18-4	1.00 ppm	1.05 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.01 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.01 ppm
p-xylene	106-42-3	1.00 ppm	1.00 ppm
m-xylene	108-38-3	1.00 ppm	1.01 ppm
Bromoform	75-25-2	1.00 ppm	1.01 ppm
Styrene	100-42-5	1.00 ppm	1.00 ppm
o-xylene	95-47-6	1.00 ppm	1.01 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.01 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.01 ppm
Nonane	111-84-2	1.00 ppm	1.02 ppm
Cumene	98-82-8	1.00 ppm	1.01 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.01 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.01 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.01 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.01 ppm
alpha-Methyl Styrene (No Stability Guarantee)	98-83-9	1.00 ppm	0.99 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.00 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.01 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.01 ppm
Benzyl Chloride	100-44-7	1.00 ppm	1.01 ppm
n-Decane	124-18-5	1.00 ppm	0.99 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.00 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.02 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.01 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.01 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.01 ppm
n-Undecane (No Stability Guarantee)	1120-21-4	1.00 ppm	1.00 ppm

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SHIPPED TO: Test America Inc.
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Knoxville, TN 37921

ANALYSIS REPORT

Sales#:	117401727	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1523772	**Cylinder # :**	CC-118524
Report Date:	Nov-24-2020	**Cylinder Pressure:**	1700 psig
P.O.# :	US113823280	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Nov-24-2021	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
1,2,4-Trichlorobenzene (No Stability Guarantee)	120-82-1	1.00 ppm	0.96 ppm
Naphthalene (No Stability Guarantee)	91-20-3	1.00 ppm	0.91 ppm
n-Dodecane (No Stability Guarantee)	112-40-3	1.00 ppm	0.90 ppm
1,2,3-Trichlorobenzene (No Stability Guarantee)	87-61-6	1.00 ppm	0.91 ppm
Hexachloro-1,3-Butadiene (No Stability Guarantee)	87-68-3	1.00 ppm	0.94 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: Lou Lorenzetti **DATE:** Nov-24-2020

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Preliminary Report

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 09-Dec-2020 16:44:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0043974-011
Misc. Info.: standard 2
Operator ID: ggg Instrument ID: CHW.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Dec-2020 11:23:00 Calib Date: 09-Dec-2020 14:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1653

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.944	3.960	-0.016	98	1602506	41.3	35.6	
2 Dichlorodifluoromethane	85	4.062	4.067	-0.005	100	4670083	41.8	34.9	
3 Chlorodifluoromethane	51	4.099	4.110	-0.011	97	2897855	41.9	35.2	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.468	4.468	0.000	97	4866433	41.6	36.6	
5 Chloromethane	50	4.559	4.559	0.000	99	1724699	43.7	35.6	
6 Vinyl chloride	62	4.896	4.896	0.000	98	1935747	41.6	35.5	
7 Butane	43	4.913	4.912	0.000	99	2858712	41.4	35.1	
8 Butadiene	54	5.030	5.030	0.000	97	1352486	40.5	34.3	
9 Bromomethane	94	5.763	5.763	0.000	99	1496511	41.2	37.2	
11 Chloroethane	64	6.057	6.052	0.005	100	855494	41.6	37.6	
10 BFB									
12 2-Methylbutane	43	6.282	6.277	0.005	93	1819562	41.8	36.8	
13 Vinyl bromide	106	6.496	6.491	0.005	99	1484915	41.7	38.0	
14 Trichlorofluoromethane	101	6.667	6.667	0.000	99	3708339	42.2	35.6	
15 Pentane	43	6.887	6.887	0.001	98	2510485	40.5	35.3	
18 Ethyl ether	59	7.320	7.314	0.006	95	967923	40.3	37.0	
19 Acrolein	56	7.571	7.566	0.005	96	604975	38.9	41.7	
20 1,1-Dichloroethene	96	7.764	7.764	0.000	97	1402025	41.1	35.4	
21 112TCTFE	101	7.812	7.807	0.005	96	2950001	42.0	35.0	
22 Acetone	43	7.860	7.860	0.000	98	2120992	41.0	37.4	
24 Carbon disulfide	76	8.176	8.176	0.000	100	3841804	40.6	35.0	
23 Isopropyl alcohol	45	8.176	8.176	0.000	100	2377190	40.9	37.7	p
25 Acetonitrile	41	8.379	8.374	0.005	99	935675	39.6	35.7	p
26 3-Chloro-1-propene	41	8.486	8.481	0.005	99	1724511	42.6	37.6	
27 Methylene Chloride	49	8.722	8.716	0.006	93	1449937	41.1	33.8	
28 2-Methyl-2-propanol	59	8.946	8.946	0.000	94	2897418	43.1	36.7	
29 Acrylonitrile	53	9.139	9.139	0.000	95	949938	40.4	40.6	
30 trans-1,2-Dichloroethene	61	9.230	9.230	0.000	97	1912586	40.8	35.4	
31 Methyl tert-butyl ether	73	9.235	9.235	0.000	97	4192087	41.8	39.0	
32 Hexane	57	9.743	9.743	0.000	93	2022766	42.4	37.0	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.005	10.005	0.000	100	2486625	40.0	36.7	
34 Vinyl acetate	43	10.027	10.021	0.006	100	3674368	41.6	39.5	
S 35 1,2-Dichloroethene, Total	61				0		81.2	75.5	
36 2-Butanone (MEK)	72	10.990	10.990	0.000	100	718680	41.4	40.4	
37 cis-1,2-Dichloroethene	96	11.017	11.011	0.006	94	1564823	40.4	40.1	
38 Ethyl acetate	88	11.081	11.075	0.006	100	137404	40.5	40.6	
* 39 Chlorobromomethane	128	11.434	11.434	0.000	86	262307	10.0	10.0	
40 Tetrahydrofuran	42	11.471	11.471	0.000	90	1531308	40.0	39.9	
41 Chloroform	83	11.610	11.610	0.000	96	3254480	40.4	40.2	
42 1,1,1-Trichloroethane	97	11.915	11.915	0.000	95	3449946	40.8	41.4	
43 Cyclohexane	84	12.054	12.049	0.005	97	1966966	40.6	40.4	
44 Carbon tetrachloride	117	12.199	12.199	0.000	98	3701195	40.6	41.0	
45 Benzene	78	12.552	12.547	0.006	96	4653955	41.3	43.6	
46 1,2-Dichloroethane	62	12.627	12.627	0.000	98	2105445	41.4	40.5	
47 Isooctane	57	12.766	12.766	0.000	99	7141904	41.9	42.8	
48 n-Heptane	43	13.076	13.076	0.000	91	2590826	42.0	41.4	
* 50 1,4-Difluorobenzene	114	13.296	13.295	0.001	94	1253511	10.0	10.0	
53 n-Butanol	56	13.509	13.509	0.000	88	917639	38.2	33.5	
51 Trichloroethene	95	13.723	13.729	-0.006	99	2150786	42.1	42.0	
A 52 GRO	1	14.050	(6.267-21.833)		0	638999195	2600.0	0	
54 1,2-Dichloropropane	63	14.189	14.189	0.000	89	1699256	41.2	39.7	
55 Methyl methacrylate	69	14.275	14.274	0.000	97	1585503	40.6	37.2	
56 1,4-Dioxane	88	14.312	14.312	0.000	92	861103	42.3	36.4	
57 Dibromomethane	174	14.344	14.344	0.000	92	2317875	41.2	40.1	
58 Dichlorobromomethane	83	14.660	14.660	0.000	99	3511708	42.3	37.8	
A 59 TVOC as Toluene	1	15.344	(3.950-26.739)		0	1021914338	3600.0	0	
60 cis-1,3-Dichloropropene	75	15.462	15.462	0.000	93	2925236	41.6	40.1	
61 4-Methyl-2-pentanone (MIBK)	43	15.719	15.719	0.000	96	3291299	41.0	36.8	
62 Toluene	92	16.104	16.109	-0.005	94	3289697	40.6	42.3	
63 n-Octane	43	16.356	16.355	0.001	90	3486784	41.3	37.1	
64 trans-1,3-Dichloropropene	75	16.521	16.527	-0.006	97	2572004	39.5	37.1	
65 1,1,2-Trichloroethane	83	16.901	16.901	0.000	97	1607272	41.9	41.6	
66 Tetrachloroethene	166	17.099	17.099	0.000	97	3254315	42.0	41.9	
67 2-Hexanone	43	17.302	17.308	-0.006	95	3114917	40.0	40.4	
68 Chlorodibromomethane	129	17.645	17.645	0.000	98	3758859	38.7	40.2	
69 Ethylene Dibromide	107	17.886	17.886	0.000	99	2993385	42.4	41.0	
* 70 Chlorobenzene-d5	117	18.795	18.795	0.000	84	1025263	10.0	10.0	
71 Chlorobenzene	112	18.854	18.854	0.000	95	4523179	42.0	42.0	
73 Ethylbenzene	91	19.046	19.046	0.000	98	7135751	40.9	40.9	
74 m-Xylene & p-Xylene	106	19.314	19.314	0.000	0	5607426	82.2	82.3	
75 n-Nonane	57	19.373	19.373	0.000	88	3222126	41.9	40.9	
76 o-Xylene	106	20.090	20.084	0.006	99	2709613	41.4	40.5	
S 77 Xylenes, Total	106				0		123.7	122.8	
78 Styrene	104	20.122	20.122	0.000	99	4423762	41.3	41.1	
79 Bromoform	173	20.469	20.469	0.000	98	3917549	41.2	39.4	
80 Isopropylbenzene	105	20.780	20.785	-0.005	96	8079027	41.7	41.1	
81 1,1,2,2-Tetrachloroethane	83	21.299	21.299	0.000	99	4077594	41.4	40.1	
82 1,2,3-Trichloropropane	75	21.400	21.400	0.000	98	3152056	42.4	40.0	
83 N-Propylbenzene	91	21.502	21.502	0.000	99	9409128	41.6	40.7	
84 2-Chlorotoluene	91	21.646	21.646	0.000	97	5829712	41.8	41.0	
85 4-Ethyltoluene	105	21.695	21.700	-0.005	98	7856445	41.3	40.2	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
86 1,3,5-Trimethylbenzene	105	21.791	21.791	0.000	94	6622785	41.6	40.8	
87 n-Decane	57	21.823	21.823	0.000	92	4062203	41.7	41.1	
88 Alpha Methyl Styrene	118	22.117	22.117	0.000	89	3563869	40.8	41.3	
89 tert-Butylbenzene	119	22.272	22.272	0.000	94	6608875	41.4	40.5	
90 1,2,4-Trimethylbenzene	105	22.358	22.358	0.000	98	6591809	41.6	40.6	
91 sec-Butylbenzene	105	22.599	22.599	0.000	98	9695043	41.8	40.7	
92 1,3-Dichlorobenzene	146	22.770	22.770	0.000	97	4644862	42.3	40.3	
93 4-Isopropyltoluene	119	22.813	22.813	0.000	97	8450340	41.2	40.3	
94 1,4-Dichlorobenzene	146	22.909	22.909	0.000	96	4528523	41.9	40.6	
95 Benzyl chloride	91	23.059	23.059	0.000	99	5878179	42.3	41.6	
96 n-Butylbenzene	91	23.364	23.369	-0.005	99	7709922	41.6	40.6	
97 1,2-Dichlorobenzene	146	23.401	23.401	0.000	97	4602486	41.8	40.3	
98 Undecane	57	23.513	23.513	0.000	94	4474491	41.8	40.8	
99 Dodecane	57	25.097	25.097	0.000	97	4076542	37.4	41.0	
100 1,2,4-Trichlorobenzene	180	25.835	25.835	0.000	94	3649482	43.4	44.1	
101 Hexachlorobutadiene	225	26.081	26.087	-0.006	97	4456843	41.0	44.3	
102 Naphthalene	128	26.317	26.317	0.000	99	7205986	38.9	40.2	
103 1,2,3-Trichlorobenzene	180	26.729	26.729	0.000	95	3128800	36.5	38.2	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

3 - Failed RT Window Test

p - Peak ID'ed as Multiple Compounds

Reagents:

ATTO15CALSTKi_00135	Amount Added: 40.00	Units: mL	
ATTO15WISs_00008	Amount Added: 20.00	Units: mL	Run Reagent

Preliminary Report

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 09-Dec-2020 14:57:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0043974-009
Misc. Info.: standard 1
Operator ID: ggg Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub8

Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Dec-2020 11:23:00 Calib Date: 09-Dec-2020 14:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1653

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.960	3.960	0.000	98	1392314	40.0	40.0	
2 Dichlorodifluoromethane	85	4.067	4.067	0.000	99	4135368	40.0	40.0	
3 Chlorodifluoromethane	51	4.110	4.110	0.000	97	2545784	40.0	40.0	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.468	4.468	0.000	95	4107302	40.0	40.0	
5 Chloromethane	50	4.559	4.559	0.000	99	1495394	40.0	40.0	
6 Vinyl chloride	62	4.896	4.896	0.000	98	1683387	40.0	40.0	
7 Butane	43	4.912	4.912	0.000	98	2518162	40.0	40.0	
8 Butadiene	54	5.030	5.030	0.000	97	1219843	40.0	40.0	
9 Bromomethane	94	5.763	5.763	0.000	99	1241650	40.0	40.0	
11 Chloroethane	64	6.052	6.052	0.000	100	703380	40.0	40.0	
12 2-Methylbutane	43	6.277	6.277	0.000	93	1528589	40.0	40.0	
13 Vinyl bromide	106	6.491	6.491	0.000	99	1206910	40.0	40.0	
14 Trichlorofluoromethane	101	6.667	6.667	0.000	99	3221400	40.0	40.0	
15 Pentane	43	6.887	6.887	0.000	98	2194423	40.0	40.0	
18 Ethyl ether	59	7.314	7.314	0.000	94	809296	40.0	40.0	
19 Acrolein	56	7.566	7.566	0.000	96	448480	40.0	40.0	
20 1,1-Dichloroethene	96	7.764	7.764	0.000	96	1224101	40.0	40.0	
21 112TCTFE	101	7.807	7.807	0.000	96	2604388	40.0	40.0	
22 Acetone	43	7.860	7.860	0.000	98	1751496	40.0	40.0	
24 Carbon disulfide	76	8.176	8.176	0.000	100	3394826	40.0	40.0	
23 Isopropyl alcohol	45	8.176	8.176	0.000	64	1945935	40.0	40.0	p
25 Acetonitrile	41	8.374	8.374	0.000	98	809586	40.0	40.0	p
26 3-Chloro-1-propene	41	8.481	8.481	0.000	99	1418614	40.0	40.0	
27 Methylene Chloride	49	8.716	8.716	0.000	94	1323978	40.0	40.0	
28 2-Methyl-2-propanol	59	8.946	8.946	0.000	95	2440021	40.0	40.0	
29 Acrylonitrile	53	9.139	9.139	0.000	94	722218	40.0	40.0	
30 trans-1,2-Dichloroethene	61	9.230	9.230	0.000	97	1669360	40.0	40.0	
31 Methyl tert-butyl ether	73	9.235	9.235	0.000	96	3321264	40.0	40.0	
32 Hexane	57	9.743	9.743	0.000	92	1687855	40.0	40.0	
33 1,1-Dichloroethane	63	10.005	10.005	0.000	100	2091125	40.0	40.0	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.021	10.021	0.000	100	2874530	40.0	40.0	
S 35 1,2-Dichloroethene, Total	61				0		40.0	80.0	
36 2-Butanone (MEK)	72	10.990	10.990	0.000	100	549429	40.0	40.0	
37 cis-1,2-Dichloroethene	96	11.011	11.011	0.000	92	1204455	40.0	40.0	
38 Ethyl acetate	88	11.075	11.075	0.000	99	104648	40.0	40.0	
* 39 Chlorobromomethane	128	11.434	11.434	0.000	87	202614	10.0	10.0	
40 Tetrahydrofuran	42	11.471	11.471	0.000	90	1220918	40.0	40.0	
41 Chloroform	83	11.610	11.610	0.000	97	2500170	40.0	40.0	
42 1,1,1-Trichloroethane	97	11.915	11.915	0.000	96	2651798	40.0	40.0	
43 Cyclohexane	84	12.049	12.049	0.000	97	1546564	40.0	40.0	
44 Carbon tetrachloride	117	12.199	12.199	0.000	98	2870038	40.0	40.0	
45 Benzene	78	12.547	12.547	0.000	96	3395735	40.0	40.0	
46 1,2-Dichloroethane	62	12.627	12.627	0.000	98	1651708	40.0	40.0	
47 Isooctane	57	12.766	12.766	0.000	98	5304532	40.0	40.0	
48 n-Heptane	43	13.076	13.076	0.000	91	1989514	40.0	40.0	
* 50 1,4-Difluorobenzene	114	13.295	13.295	0.000	94	996120	10.0	10.0	
53 n-Butanol	56	13.509	13.509	0.000	89	870490	40.0	40.0	
51 Trichloroethene	95	13.729	13.729	0.000	99	1628371	40.0	40.0	
54 1,2-Dichloropropane	63	14.189	14.189	0.000	88	1359297	40.0	40.0	
55 Methyl methacrylate	69	14.274	14.274	0.000	95	1353110	40.0	40.0	
56 1,4-Dioxane	88	14.312	14.312	0.000	93	752014	40.0	40.0	
57 Dibromomethane	174	14.344	14.344	0.000	92	1838913	40.0	40.0	
58 Dichlorobromomethane	83	14.660	14.660	0.000	99	2953749	40.0	40.0	
60 cis-1,3-Dichloropropene	75	15.462	15.462	0.000	94	2317088	40.0	40.0	
61 4-Methyl-2-pentanone (MIBK)	43	15.719	15.719	0.000	97	2839803	40.0	40.0	
62 Toluene	92	16.109	16.109	0.000	94	2821576	40.0	40.0	
63 n-Octane	43	16.355	16.355	0.000	91	2987967	40.0	40.0	
64 trans-1,3-Dichloropropene	75	16.527	16.527	0.000	98	2200895	40.0	40.0	
65 1,1,2-Trichloroethane	83	16.901	16.901	0.000	98	1402034	40.0	40.0	
66 Tetrachloroethene	166	17.099	17.099	0.000	97	2819776	40.0	40.0	
67 2-Hexanone	43	17.308	17.308	0.000	95	2799429	40.0	40.0	
68 Chlorodibromomethane	129	17.645	17.645	0.000	98	3392735	40.0	40.0	
69 Ethylene Dibromide	107	17.886	17.886	0.000	98	2647916	40.0	40.0	
* 70 Chlorobenzene-d5	117	18.795	18.795	0.000	86	929503	10.0	10.0	
71 Chlorobenzene	112	18.854	18.854	0.000	95	3908462	40.0	40.0	
73 Ethylbenzene	91	19.046	19.046	0.000	98	6329452	40.0	40.0	
74 m-Xylene & p-Xylene	106	19.314	19.314	0.000	0	4943165	80.0	80.0	
75 n-Nonane	57	19.373	19.373	0.000	89	2858093	40.0	40.0	
76 o-Xylene	106	20.084	20.084	0.000	100	2423926	40.0	40.0	
S 77 Xylenes, Total	106				0		120.0	120.0	
78 Styrene	104	20.122	20.122	0.000	99	3905248	40.0	40.0	
79 Bromoform	173	20.469	20.469	0.000	98	3608229	40.0	40.0	
80 Isopropylbenzene	105	20.785	20.785	0.000	96	7120628	40.0	40.0	
81 1,1,2,2-Tetrachloroethane	83	21.299	21.299	0.000	99	3689738	40.0	40.0	
82 1,2,3-Trichloropropane	75	21.400	21.400	0.000	97	2856106	40.0	40.0	
83 N-Propylbenzene	91	21.502	21.502	0.000	99	8385864	40.0	40.0	
84 2-Chlorotoluene	91	21.646	21.646	0.000	97	5162330	40.0	40.0	
85 4-Ethyltoluene	105	21.700	21.700	0.000	98	7079475	40.0	40.0	
86 1,3,5-Trimethylbenzene	105	21.791	21.791	0.000	94	5881063	40.0	40.0	
87 n-Decane	57	21.823	21.823	0.000	92	3587804	40.0	40.0	
88 Alpha Methyl Styrene	118	22.117	22.117	0.000	89	3132280	40.0	40.0	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 tert-Butylbenzene	119	22.272	22.272	0.000	94	5913150	40.0	40.0	
90 1,2,4-Trimethylbenzene	105	22.358	22.358	0.000	98	5889652	40.0	40.0	
91 sec-Butylbenzene	105	22.599	22.599	0.000	98	8641148	40.0	40.0	
92 1,3-Dichlorobenzene	146	22.770	22.770	0.000	97	4175508	40.0	40.0	
93 4-Isopropyltoluene	119	22.813	22.813	0.000	97	7611898	40.0	40.0	
94 1,4-Dichlorobenzene	146	22.909	22.909	0.000	96	4044430	40.0	40.0	
95 Benzyl chloride	91	23.059	23.059	0.000	99	5120880	40.0	40.0	
96 n-Butylbenzene	91	23.369	23.369	0.000	98	6881449	40.0	40.0	
97 1,2-Dichlorobenzene	146	23.401	23.401	0.000	97	4137925	40.0	40.0	
98 Undecane	57	23.513	23.513	0.000	94	3977790	40.0	40.0	
99 Dodecane	57	25.097	25.097	0.000	97	3607204	40.0	40.0	
100 1,2,4-Trichlorobenzene	180	25.835	25.835	0.000	94	3001167	40.0	40.0	
101 Hexachlorobutadiene	225	26.087	26.087	0.000	97	3646341	40.0	40.0	
102 Naphthalene	128	26.317	26.317	0.000	99	6508304	40.0	40.0	
103 1,2,3-Trichlorobenzene	180	26.729	26.729	0.000	95	2966358	40.0	40.0	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

p - Peak ID'ed as Multiple Compounds

Reagents:

ATTO15CALSTKi_00136	Amount Added: 40.00	Units: mL	
ATTO15WISs_00008	Amount Added: 20.00	Units: mL	Run Reagent

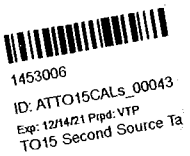
Reagent

ATTO15CALs_00043

Preliminary Report

Eurofins TestAmerica, Burlington

ICV, ICal Verification Report



Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-010.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 09-Dec-2020 18:23:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0043976-010
Misc. Info.: icv
Operator ID: ggg Instrument ID: CHG.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Jan-2021 12:01:56 Calib Date: 09-Dec-2020 17:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-009.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1653

First Level Reviewer: bourdeaut Date: 20-Jan-2021 12:02:12

Start Cal Date: 09-Dec-2020 11:26:30
End Cal Date: 09-Dec-2020 17:31:30

Compound	Amount Added	Amount Detected	%Drift	Max. %Drift	%Rec	%Rec Limits
1 Propene	10.1	9.95	-1.8	30.0	98.2	
2 Cl2F2Me	10.6	10.0	-5.4	30.0	94.6	
3 Chlorodifluorometh	10.6	9.58	-9.4	30.0	90.6	
4 1,2-Dichloro-1,1,2	10.6	9.71	-8.3	30.0	91.7	
5 Chloromethane	9.94	9.74	-2.0	30.0	98.0	
7 Vinyl chloride	9.99	9.36	-6.3	30.0	93.7	
6 Butane	10.3	9.67	-6.1	30.0	93.9	
8 Butadiene	9.70	8.98	-7.4	30.0	92.6	
10 Bromomethane	10.4	9.01	-13.4	30.0	86.6	
11 Chloroethane	10.6	9.09	-14.0	30.0	86.0	
12 2-Methylbutane	10.4	9.15	-12.4	30.0	87.6	
13 Vinyl bromide	10.0	9.55	-4.9	30.0	95.1	
14 Freon11	10.4	10.2	-2.0	30.0	98.0	
16 Pentane	10.2	8.72	-14.6	30.0	85.4	
17 Ethanol	15.0	16.0	6.3	30.0	106.3	
18 Ethyl ether	10.2	9.65	-5.6	30.0	94.4	
19 Acrolein	9.71	10.3	5.8	30.0	105.8	
21 1,1-Dichloroethene	10.2	8.79	-13.7	30.0	86.3	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-010.D

Compound	Amount Added	Amount Detected	%Drift	Max. %Drift	%Rec	%Rec Limits
22 Acetone	10.4	10.6	1.8	30.0	101.8	
20 112TCTFE	10.7	9.26	-13.2	30.0	86.8	
24 Isopropyl alcohol	10.2	10.2	0.1	30.0	100.1	
23 Carbon disulfide	10.4	9.11	-12.1	30.0	87.9	
26 Acetonitrile	9.72	10.3	5.9	30.0	105.9	
25 3-Chloro-1-propene	10.7	10.4	-2.7	30.0	97.3	
27 Methylene Chloride	10.2	9.43	-8.0	30.0	92.0	
28 2M2PP	10.8	10.4	-3.4	30.0	96.6	
32 Acrylonitrile	10.2	9.97	-2.2	30.0	97.8	
31 T12DCE	10.3	8.85	-14.3	30.0	85.7	
29 MTBE	10.6	10.1	-4.0	30.0	96.0	
33 Hexane	10.5	8.87	-15.3	30.0	84.7	
34 1,1-Dichloroethane	10.3	8.51	-17.1	30.0	82.9	
35 Vinyl acetate	10.1	8.31	-17.5	30.0	82.5	
38 2-Butanone (MEK)	10.4	8.70	-16.1	30.0	83.9	
37 c12DCE	10.4	9.10	-12.2	30.0	87.8	
39 Ethyl acetate	10.2	9.34	-8.6	30.0	91.4	
41 Tetrahydrofuran	9.81	9.55	-2.7	30.0	97.3	
42 Chloroform	10.3	9.30	-9.9	30.0	90.1	
44 111TCA	10.3	9.02	-12.5	30.0	87.5	
43 Cyclohexane	10.2	7.92	-22.5	30.0	77.5	
45 CCl4	10.0	9.52	-5.3	30.0	94.7	
47 Benzene	10.4	9.01	-13.3	30.0	86.7	
48 1,2-Dichloroethane	10.5	9.32	-10.9	30.0	89.1	
46 Isooctane	10.1	8.78	-13.4	30.0	86.6	
49 n-Heptane	10.3	8.66	-16.0	30.0	84.0	
52 n-Butanol	9.11	9.10	-0.1	30.0	99.9	
53 Trichloroethene	10.3	9.89	-3.8	30.0	96.2	
54 12DCP	10.3	8.32	-19.6	30.0	80.4	
55 METHME	10.2	9.26	-9.3	30.0	90.7	
56 1,4-Dioxane	10.3	10.8	4.8	30.0	104.8	
57 Dibromomethane	10.3	9.52	-8.0	30.0	92.0	
58 BrCl2Me	10.3	9.39	-8.7	30.0	91.3	
60 C13DCPP	9.94	9.15	-8.0	30.0	92.0	
61 MIBK	10.2	9.11	-10.6	30.0	89.4	
65 Toluene	10.2	9.57	-6.2	30.0	93.8	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-010.D

Compound	Amount Added	Amount Detected	%Drift	Max. %Drift	%Rec	%Rec Limits
64 n-Octane	10.3	8.64	-16.1	30.0	83.9	
66 T13DCP	9.85	8.54	-13.3	30.0	86.7	
67 112TCA	10.5	9.35	-10.9	30.0	89.1	
68 Tetrachloroethene	10.5	10.3	-1.6	30.0	98.4	
69 2-Hexanone	10.1	9.69	-4.1	30.0	95.9	
71 Br2ClMe	10.6	9.81	-7.5	30.0	92.5	
72 Ethylene Dibromide	10.7	10.6	-0.2	30.0	99.8	
75 Chlorobenzene	10.5	10.1	-3.7	30.0	96.3	
76 Ethylbenzene	10.2	9.42	-7.9	30.0	92.1	
78 MPXYLENES	20.0	20.4	2.1	30.0	102.1	
77 n-Nonane	10.5	9.96	-4.8	30.0	95.2	
79 o-Xylene	10.4	9.76	-5.9	30.0	94.1	
80 Styrene	10.3	10.4	1.3	30.0	101.3	
81 Bromoform	10.3	10.3	0.5	30.0	100.5	
82 Isopropylbenzene	10.5	10.4	-0.1	30.0	99.9	
84 1122TCA	10.3	9.51	-8.1	30.0	91.9	
86 TCP	10.6	10.7	0.4	30.0	100.4	
85 N-Propylbenzene	10.4	10.4	0.7	30.0	100.7	
89 2-Chlorotoluene	10.4	10.4	-0.3	30.0	99.7	
88 4-Ethyltoluene	10.2	10.8	5.7	30.0	105.7	
90 135-TMB	10.5	10.7	2.1	30.0	102.1	
87 n-Decane	10.3	10.9	5.2	30.0	105.2	
91 Alpha Methyl Styre	10.2	11.2	10.6	30.0	110.6	
92 tert-Butylbenzene	10.4	10.8	4.2	30.0	104.2	
93 124TMB	10.4	10.8	3.4	30.0	103.4	
94 sec-Butylbenzene	10.5	11.0	5.0	30.0	105.0	
96 13DCB	10.2	11.0	8.3	30.0	108.3	
95 4-Isopropyltoluene	10.5	10.6	1.1	30.0	101.1	
97 14DCB	10.4	10.9	4.5	30.0	104.5	
98 Benzyl chloride	10.2	11.2	10.4	30.0	110.4	
100 n-Butylbenzene	10.5	11.2	6.4	30.0	106.4	
101 12DCB	10.8	10.9	1.6	30.0	101.6	
99 Undecane	10.7	10.7	-0.3	30.0	99.7	
102 Dodecane	10.6	7.70	-27.6	30.0	72.4	
103 124TCB	11.0	12.3	12.4	30.0	112.4	
104 HCBD	10.8	11.1	2.0	30.0	102.0	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20201209-43976.b\200-43976-010.D

Compound	Amount Added	Amount Detected	%Drift	Max. %Drift	%Rec	%Rec Limits
105 Naphthalene	10.5	10.4	-1.1	30.0	98.9	
106 123TCB	10.9	9.32	-14.2	30.0	85.8	

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
1,1,1-Trichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1,2,2-Tetrachloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1,2-Trichloro-1,2,2-trifluoroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1,2-Trichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1-Dichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,1-Dichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,3-Trichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,3-Trichloropropane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,4-Trichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2,4-Trimethylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichloro-1,1,2,2-tetrafluoroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,2-Dichloroethene, Total	40MXTANKDP_00008	11/25/2021	2.00000	ppm v/v	400.00000	ppb v/v
1,2-Dichloropropane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,3,5-Trimethylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,3-Dichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
1,4-Dichlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
1,4-Dioxane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Butanone (MEK)	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Chlorotoluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Hexanone	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Methyl-2-propanol	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
2-Methylbutane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
3-Chloro-1-propene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
4-Ethyltoluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
4-Isopropyltoluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
4-Methyl-2-pentanone (MIBK)	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acetone	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acetonitrile	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acrolein	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Acrylonitrile	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Alpha Methyl Styrene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Benzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Benzyl chloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Bromoform	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Bromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Butadiene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Butane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
C6 Range	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
C8 Range	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Carbon disulfide	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Carbon tetrachloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chlorobenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chlorodibromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chlorodifluoromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chloroethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chloroform	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Chloromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
cis-1,2-Dichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
cis-1,3-Dichloropropene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Cyclohexane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Dibromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Dichlorobromomethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Dichlorodifluoromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Dodecane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethyl acetate	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethyl ether	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Ethylene Dibromide	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Hexachlorobutadiene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Hexane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Isooctane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Isopropyl alcohol	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Isopropylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Methyl methacrylate	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Methyl tert-butyl ether	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Methylene Chloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
m-Xylene & p-Xylene	40MXTANKDP_00008	11/25/2021	2.00000	ppm v/v	400.00000	ppb v/v
Naphthalene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Butanol	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Butylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
n-Decane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Heptane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Nonane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
n-Octane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
N-Propylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
o-Xylene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Pentane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Propene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
sec-Butylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Styrene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
tert-Butylbenzene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Tetrachloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Tetrahydrofuran	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Toluene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Toluene Range	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
trans-1,2-Dichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
trans-1,3-Dichloropropene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Trichloroethene	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v

Reagent ID: 40XX200tankD_00001

Description:	200ppb v/v Tank D Bur Recert	Expiration Date:	02/07/2021
No. of Bottles:	1	Laboratory:	Eurofins TestAmerica, Knoxville
Storage Location:	Ambient Air Canister Reagent Storage	Prepared By:	Barlozhetskaya, Anna F
Reagent Volume:	36.700 psi absolute	Solvent:	Nitrogen
Creation Date:	12/07/2020	Solvent Lot:	Dewar
Open Date:			
Container(s):	343746		
Comment:	Adjusted for nominal value of 200 ppb v/v can SN1652		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Trichlorofluoromethane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Undecane	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Vinyl acetate	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Vinyl bromide	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Vinyl chloride	40MXTANKDP_00008	11/25/2021	1.00000	ppm v/v	200.00000	ppb v/v
Xylenes, Total	40MXTANKDP_00008	11/25/2021	3.00000	ppm v/v	600.00000	ppb v/v

Source Reagents

Reagent	Description	Type	Expiration	Vendor	Vendor Lot #	Vendor Cat Lot #	Volume Used	Volume Units
40MXTANKDP_00008	Tank D Mega primary	ASTD	11/25/21	Linde	CC-118524	PO:US11382328	7.34000	psi abs

4700 Precision Diluter Standards Preparation Report

Dilution ID: 399

Canister Size: 15000cc **Canister ID:** SN# 1652 **Target Final Psia:** 36.7

Comment: 200 ppb v/v Burlington Recert

Date: 12/7/2020 10:39:34 AM

Report ID: 343746

Prepared By: AFB

343746

ID: 40XX200tankD_00001

Exp: 02/07/21 Prpd: AFB Crt: 12/07/20

200ppb v/v Tank D Bur Rec

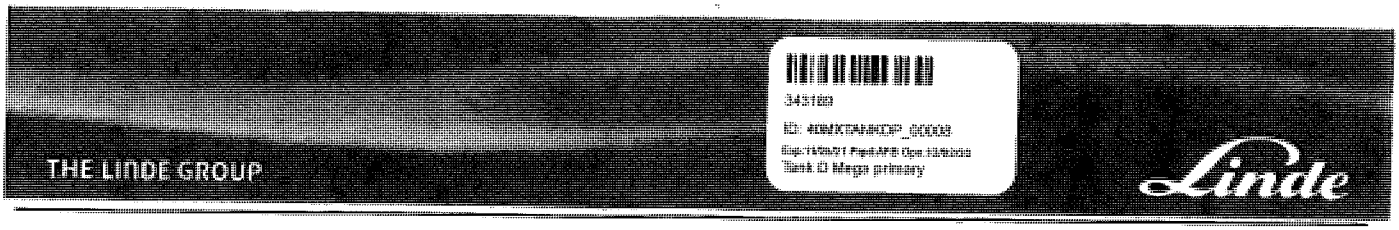
Channel Methods

Ch.	Title	Init. Conc.	Target Conc.	Dilution Factor	Init. Psia	Target Psid	Final Psid	Target Psia	Final Psia	Duration	Final Conc.
1	Diluent	100 percent	100 percent	1	0.32	11.64	11.64	11.96	11.96	00:11:48	N/A
3	D Mega Pri	1000 ppb	200 ppb	5	11.96	7.28	7.28	19.24	19.24	00:19:34	200.1 ppb
1	Diluent	100 percent	100 percent	1	19.24	17.46	17.46	36.70	36.70	00:18:04	N/A

Total Duration: 00:49:33

Channel Configuration and Standards Inventory

Ch.	Source	Init. Conc.	Cylinder ID	Expiration Date	Notes
1	Diluent	100 percent		12/31/2021	
3	D Mega Pri	1000 ppb		11/25/2021	



SHIPPED TO: Test America Inc.
5815 Middlebrook Pike
Knoxville, TN 37921

Tank D #3 12/2/20

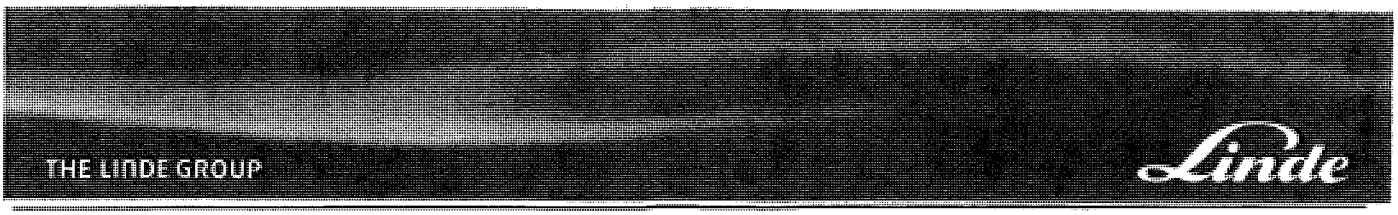
ANALYSIS REPORT

Sales#:	117401727
Production#:	1523772
Report Date:	Nov-24-2020
P.O.# :	US113823280
Blend Type:	QUALIFIED
Material#:	24106776
Traceability:	NIST by weight
Expiration Date:	Nov-24-2021
Do NOT use under:	150 psig

Cylinder Size:	152 (8" X 47.5")
Cylinder # :	CC-118524
Cylinder Pressure:	1700 psig
Cylinder Valve:	CGA 350 / Steel
Cylinder Volume:	29.5 Liter
Cylinder Material:	Aluminum
Gas Volume:	3400 Liters
Blend Tolerance:	10% Relative
Analytical Accuracy:	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Propylene	115-07-1	1.00 ppm	1.04 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.06 ppm
Freon-12	75-71-8	1.00 ppm	1.03 ppm
Chloromethane	74-87-3	1.00 ppm	1.04 ppm
Freon-114	76-14-2	1.00 ppm	1.03 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.04 ppm
1,3-Butadiene	106-99-0	1.00 ppm	1.04 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	0.81 ppm
n-Butane	106-97-8	1.00 ppm	1.06 ppm
Bromomethane	74-83-9	1.00 ppm	1.04 ppm
Chloroethane	75-00-3	1.00 ppm	1.04 ppm
Vinyl Bromide	593-60-2	1.00 ppm	1.04 ppm
Acetonitrile (No Stability Guarantee)	75-05-8	1.00 ppm	1.00 ppm
Acrolein	107-02-8	1.00 ppm	0.99 ppm
Isopentane	78-78-4	1.00 ppm	1.03 ppm
Acetone	67-64-1	1.00 ppm	1.02 ppm
Freon-11	75-69-4	1.00 ppm	1.05 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	1.04 ppm
Acrylonitrile	107-13-1	1.00 ppm	1.03 ppm
n-Pentane	109-66-0	1.00 ppm	1.04 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.03 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.05 ppm
Carbon Disulfide	75-15-0	1.00 ppm	1.03 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.03 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.10 ppm
3-Chloropropene	107-05-1	1.00 ppm	1.03 ppm
Freon-113	76-13-1	1.00 ppm	1.03 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.04 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.04 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.03 ppm

Linde Gas North America LLC
(908) 329-9700 Main (908) 329-9740 Fax
www.Lindeus.com



SHIPPED TO: Test America Inc.
5815 Middlebrook Pike
Knoxville, TN 37921

ANALYSIS REPORT

Sales#:	117401727	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1523772	**Cylinder # :**	CC-118524
Report Date:	Nov-24-2020	**Cylinder Pressure:**	1700 psig
P.O.# :	US113823280	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Nov-24-2021	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Vinyl Acetate	108-05-4	1.00 ppm	1.10 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.02 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.04 ppm
Hexane	110-54-3	1.00 ppm	1.03 ppm
Chloroform	67-66-3	1.00 ppm	1.04 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.04 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	1.02 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.03 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.03 ppm
Benzene	71-43-2	1.00 ppm	1.04 ppm
1-Butanol	71-36-3	1.00 ppm	0.92 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.02 ppm
Cyclohexane	110-82-7	1.00 ppm	1.03 ppm
Dibromomethane	74-95-3	1.00 ppm	1.03 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.03 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.00 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.00 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.00 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.04 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	1.02 ppm
Heptane	142-82-5	1.00 ppm	1.03 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.01 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.03 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	1.00 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.02 ppm
Toluene	108-88-3	1.00 ppm	1.02 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	1.00 ppm
Dibromochloromethane	124-48-1	1.00 ppm	1.04 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.04 ppm
n-Octane	111-65-9	1.00 ppm	1.01 ppm

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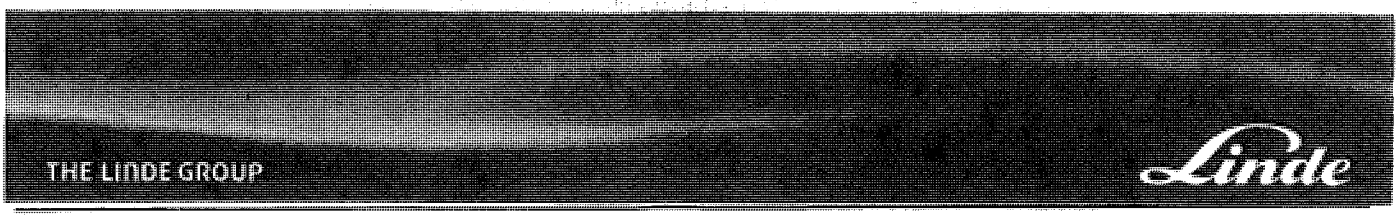

SHIPPED TO: Test America Inc.
5815 Middlebrook Pike
Knoxville, TN 37921

ANALYSIS REPORT

Sales#:	117401727	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1523772	**Cylinder # :**	CC-118524
Report Date:	Nov-24-2020	**Cylinder Pressure:**	1700 psig
P.O.# :	US113823280	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Nov-24-2021	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
Tetrachloroethylene	127-18-4	1.00 ppm	1.05 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.01 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.01 ppm
p-xylene	106-42-3	1.00 ppm	1.00 ppm
m-xylene	108-38-3	1.00 ppm	1.01 ppm
Bromoform	75-25-2	1.00 ppm	1.01 ppm
Styrene	100-42-5	1.00 ppm	1.00 ppm
o-xylene	95-47-6	1.00 ppm	1.01 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.01 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.01 ppm
Nonane	111-84-2	1.00 ppm	1.02 ppm
Cumene	98-82-8	1.00 ppm	1.01 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.01 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.01 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.01 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.01 ppm
alpha-Methyl Styrene (No Stability Guarantee)	98-83-9	1.00 ppm	0.99 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.00 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.01 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.01 ppm
Benzyl Chloride	100-44-7	1.00 ppm	1.01 ppm
n-Decane	124-18-5	1.00 ppm	0.99 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.00 ppm
Sec-Butyl Benzene	135-98-8	1.00 ppm	1.02 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.01 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.01 ppm
n-Butyl Benzene	104-51-8	1.00 ppm	1.01 ppm
n-Undecane (No Stability Guarantee)	1120-21-4	1.00 ppm	1.00 ppm

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THE LINDE GROUP

SHIPPED TO: Test America Inc.
5815 Middlebrook Pike
Knoxville, TN 37921

ANALYSIS REPORT

Sales#:	117401727	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1523772	**Cylinder # :**	CC-118524
Report Date:	Nov-24-2020	**Cylinder Pressure:**	1700 psig
P.O.# :	US113823280	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	QUALIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24106776	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	3400 Liters
Expiration Date:	Nov-24-2021	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	QUALIFIED CONC
1,2,4-Trichlorobenzene (No Stability Guarantee)	120-82-1	1.00 ppm	0.96 ppm
Naphthalene (No Stability Guarantee)	91-20-3	1.00 ppm	0.91 ppm
n-Dodecane (No Stability Guarantee)	112-40-3	1.00 ppm	0.90 ppm
1,2,3-Trichlorobenzene (No Stability Guarantee)	87-61-6	1.00 ppm	0.91 ppm
Hexachloro-1,3-Butadiene (No Stability Guarantee)	87-68-3	1.00 ppm	0.94 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: Lou Lorenzetti **DATE:** Nov-24-2020

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Preliminary Report

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 09-Dec-2020 16:44:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0043974-011
Misc. Info.: standard 2
Operator ID: ggg Instrument ID: CHW.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Dec-2020 11:23:00 Calib Date: 09-Dec-2020 14:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1653

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.944	3.960	-0.016	98	1602506	41.3	35.6	
2 Dichlorodifluoromethane	85	4.062	4.067	-0.005	100	4670083	41.8	34.9	
3 Chlorodifluoromethane	51	4.099	4.110	-0.011	97	2897855	41.9	35.2	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.468	4.468	0.000	97	4866433	41.6	36.6	
5 Chloromethane	50	4.559	4.559	0.000	99	1724699	43.7	35.6	
6 Vinyl chloride	62	4.896	4.896	0.000	98	1935747	41.6	35.5	
7 Butane	43	4.913	4.912	0.000	99	2858712	41.4	35.1	
8 Butadiene	54	5.030	5.030	0.000	97	1352486	40.5	34.3	
9 Bromomethane	94	5.763	5.763	0.000	99	1496511	41.2	37.2	
11 Chloroethane	64	6.057	6.052	0.005	100	855494	41.6	37.6	
10 BFB									
12 2-Methylbutane	43	6.282	6.277	0.005	93	1819562	41.8	36.8	
13 Vinyl bromide	106	6.496	6.491	0.005	99	1484915	41.7	38.0	
14 Trichlorofluoromethane	101	6.667	6.667	0.000	99	3708339	42.2	35.6	
15 Pentane	43	6.887	6.887	0.001	98	2510485	40.5	35.3	
18 Ethyl ether	59	7.320	7.314	0.006	95	967923	40.3	37.0	
19 Acrolein	56	7.571	7.566	0.005	96	604975	38.9	41.7	
20 1,1-Dichloroethene	96	7.764	7.764	0.000	97	1402025	41.1	35.4	
21 112TCTFE	101	7.812	7.807	0.005	96	2950001	42.0	35.0	
22 Acetone	43	7.860	7.860	0.000	98	2120992	41.0	37.4	
24 Carbon disulfide	76	8.176	8.176	0.000	100	3841804	40.6	35.0	
23 Isopropyl alcohol	45	8.176	8.176	0.000	100	2377190	40.9	37.7	p
25 Acetonitrile	41	8.379	8.374	0.005	99	935675	39.6	35.7	p
26 3-Chloro-1-propene	41	8.486	8.481	0.005	99	1724511	42.6	37.6	
27 Methylene Chloride	49	8.722	8.716	0.006	93	1449937	41.1	33.8	
28 2-Methyl-2-propanol	59	8.946	8.946	0.000	94	2897418	43.1	36.7	
29 Acrylonitrile	53	9.139	9.139	0.000	95	949938	40.4	40.6	
30 trans-1,2-Dichloroethene	61	9.230	9.230	0.000	97	1912586	40.8	35.4	
31 Methyl tert-butyl ether	73	9.235	9.235	0.000	97	4192087	41.8	39.0	
32 Hexane	57	9.743	9.743	0.000	93	2022766	42.4	37.0	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	10.005	10.005	0.000	100	2486625	40.0	36.7	
34 Vinyl acetate	43	10.027	10.021	0.006	100	3674368	41.6	39.5	
S 35 1,2-Dichloroethene, Total	61				0		81.2	75.5	
36 2-Butanone (MEK)	72	10.990	10.990	0.000	100	718680	41.4	40.4	
37 cis-1,2-Dichloroethene	96	11.017	11.011	0.006	94	1564823	40.4	40.1	
38 Ethyl acetate	88	11.081	11.075	0.006	100	137404	40.5	40.6	
* 39 Chlorobromomethane	128	11.434	11.434	0.000	86	262307	10.0	10.0	
40 Tetrahydrofuran	42	11.471	11.471	0.000	90	1531308	40.0	39.9	
41 Chloroform	83	11.610	11.610	0.000	96	3254480	40.4	40.2	
42 1,1,1-Trichloroethane	97	11.915	11.915	0.000	95	3449946	40.8	41.4	
43 Cyclohexane	84	12.054	12.049	0.005	97	1966966	40.6	40.4	
44 Carbon tetrachloride	117	12.199	12.199	0.000	98	3701195	40.6	41.0	
45 Benzene	78	12.552	12.547	0.006	96	4653955	41.3	43.6	
46 1,2-Dichloroethane	62	12.627	12.627	0.000	98	2105445	41.4	40.5	
47 Isooctane	57	12.766	12.766	0.000	99	7141904	41.9	42.8	
48 n-Heptane	43	13.076	13.076	0.000	91	2590826	42.0	41.4	
* 50 1,4-Difluorobenzene	114	13.296	13.295	0.001	94	1253511	10.0	10.0	
53 n-Butanol	56	13.509	13.509	0.000	88	917639	38.2	33.5	
51 Trichloroethene	95	13.723	13.729	-0.006	99	2150786	42.1	42.0	
A 52 GRO	1	14.050	(6.267-21.833)		0	638999195	2600.0	0	
54 1,2-Dichloropropane	63	14.189	14.189	0.000	89	1699256	41.2	39.7	
55 Methyl methacrylate	69	14.275	14.274	0.000	97	1585503	40.6	37.2	
56 1,4-Dioxane	88	14.312	14.312	0.000	92	861103	42.3	36.4	
57 Dibromomethane	174	14.344	14.344	0.000	92	2317875	41.2	40.1	
58 Dichlorobromomethane	83	14.660	14.660	0.000	99	3511708	42.3	37.8	
A 59 TVOC as Toluene	1	15.344	(3.950-26.739)		0	1021914338	3600.0	0	
60 cis-1,3-Dichloropropene	75	15.462	15.462	0.000	93	2925236	41.6	40.1	
61 4-Methyl-2-pentanone (MIBK)	43	15.719	15.719	0.000	96	3291299	41.0	36.8	
62 Toluene	92	16.104	16.109	-0.005	94	3289697	40.6	42.3	
63 n-Octane	43	16.356	16.355	0.001	90	3486784	41.3	37.1	
64 trans-1,3-Dichloropropene	75	16.521	16.527	-0.006	97	2572004	39.5	37.1	
65 1,1,2-Trichloroethane	83	16.901	16.901	0.000	97	1607272	41.9	41.6	
66 Tetrachloroethene	166	17.099	17.099	0.000	97	3254315	42.0	41.9	
67 2-Hexanone	43	17.302	17.308	-0.006	95	3114917	40.0	40.4	
68 Chlorodibromomethane	129	17.645	17.645	0.000	98	3758859	38.7	40.2	
69 Ethylene Dibromide	107	17.886	17.886	0.000	99	2993385	42.4	41.0	
* 70 Chlorobenzene-d5	117	18.795	18.795	0.000	84	1025263	10.0	10.0	
71 Chlorobenzene	112	18.854	18.854	0.000	95	4523179	42.0	42.0	
73 Ethylbenzene	91	19.046	19.046	0.000	98	7135751	40.9	40.9	
74 m-Xylene & p-Xylene	106	19.314	19.314	0.000	0	5607426	82.2	82.3	
75 n-Nonane	57	19.373	19.373	0.000	88	3222126	41.9	40.9	
76 o-Xylene	106	20.090	20.084	0.006	99	2709613	41.4	40.5	
S 77 Xylenes, Total	106				0		123.7	122.8	
78 Styrene	104	20.122	20.122	0.000	99	4423762	41.3	41.1	
79 Bromoform	173	20.469	20.469	0.000	98	3917549	41.2	39.4	
80 Isopropylbenzene	105	20.780	20.785	-0.005	96	8079027	41.7	41.1	
81 1,1,2,2-Tetrachloroethane	83	21.299	21.299	0.000	99	4077594	41.4	40.1	
82 1,2,3-Trichloropropane	75	21.400	21.400	0.000	98	3152056	42.4	40.0	
83 N-Propylbenzene	91	21.502	21.502	0.000	99	9409128	41.6	40.7	
84 2-Chlorotoluene	91	21.646	21.646	0.000	97	5829712	41.8	41.0	
85 4-Ethyltoluene	105	21.695	21.700	-0.005	98	7856445	41.3	40.2	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-011.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
86 1,3,5-Trimethylbenzene	105	21.791	21.791	0.000	94	6622785	41.6	40.8	
87 n-Decane	57	21.823	21.823	0.000	92	4062203	41.7	41.1	
88 Alpha Methyl Styrene	118	22.117	22.117	0.000	89	3563869	40.8	41.3	
89 tert-Butylbenzene	119	22.272	22.272	0.000	94	6608875	41.4	40.5	
90 1,2,4-Trimethylbenzene	105	22.358	22.358	0.000	98	6591809	41.6	40.6	
91 sec-Butylbenzene	105	22.599	22.599	0.000	98	9695043	41.8	40.7	
92 1,3-Dichlorobenzene	146	22.770	22.770	0.000	97	4644862	42.3	40.3	
93 4-Isopropyltoluene	119	22.813	22.813	0.000	97	8450340	41.2	40.3	
94 1,4-Dichlorobenzene	146	22.909	22.909	0.000	96	4528523	41.9	40.6	
95 Benzyl chloride	91	23.059	23.059	0.000	99	5878179	42.3	41.6	
96 n-Butylbenzene	91	23.364	23.369	-0.005	99	7709922	41.6	40.6	
97 1,2-Dichlorobenzene	146	23.401	23.401	0.000	97	4602486	41.8	40.3	
98 Undecane	57	23.513	23.513	0.000	94	4474491	41.8	40.8	
99 Dodecane	57	25.097	25.097	0.000	97	4076542	37.4	41.0	
100 1,2,4-Trichlorobenzene	180	25.835	25.835	0.000	94	3649482	43.4	44.1	
101 Hexachlorobutadiene	225	26.081	26.087	-0.006	97	4456843	41.0	44.3	
102 Naphthalene	128	26.317	26.317	0.000	99	7205986	38.9	40.2	
103 1,2,3-Trichlorobenzene	180	26.729	26.729	0.000	95	3128800	36.5	38.2	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

3 - Failed RT Window Test

p - Peak ID'ed as Multiple Compounds

Reagents:

ATTO15CALSTKi_00135	Amount Added: 40.00	Units: mL	
ATTO15WISs_00008	Amount Added: 20.00	Units: mL	Run Reagent

Preliminary Report

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 09-Dec-2020 14:57:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0043974-009
Misc. Info.: standard 1
Operator ID: ggg Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub8

Method: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Dec-2020 11:23:00 Calib Date: 09-Dec-2020 14:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1653

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.960	3.960	0.000	98	1392314	40.0	40.0	
2 Dichlorodifluoromethane	85	4.067	4.067	0.000	99	4135368	40.0	40.0	
3 Chlorodifluoromethane	51	4.110	4.110	0.000	97	2545784	40.0	40.0	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.468	4.468	0.000	95	4107302	40.0	40.0	
5 Chloromethane	50	4.559	4.559	0.000	99	1495394	40.0	40.0	
6 Vinyl chloride	62	4.896	4.896	0.000	98	1683387	40.0	40.0	
7 Butane	43	4.912	4.912	0.000	98	2518162	40.0	40.0	
8 Butadiene	54	5.030	5.030	0.000	97	1219843	40.0	40.0	
9 Bromomethane	94	5.763	5.763	0.000	99	1241650	40.0	40.0	
11 Chloroethane	64	6.052	6.052	0.000	100	703380	40.0	40.0	
12 2-Methylbutane	43	6.277	6.277	0.000	93	1528589	40.0	40.0	
13 Vinyl bromide	106	6.491	6.491	0.000	99	1206910	40.0	40.0	
14 Trichlorofluoromethane	101	6.667	6.667	0.000	99	3221400	40.0	40.0	
15 Pentane	43	6.887	6.887	0.000	98	2194423	40.0	40.0	
18 Ethyl ether	59	7.314	7.314	0.000	94	809296	40.0	40.0	
19 Acrolein	56	7.566	7.566	0.000	96	448480	40.0	40.0	
20 1,1-Dichloroethene	96	7.764	7.764	0.000	96	1224101	40.0	40.0	
21 112TCTFE	101	7.807	7.807	0.000	96	2604388	40.0	40.0	
22 Acetone	43	7.860	7.860	0.000	98	1751496	40.0	40.0	
24 Carbon disulfide	76	8.176	8.176	0.000	100	3394826	40.0	40.0	
23 Isopropyl alcohol	45	8.176	8.176	0.000	64	1945935	40.0	40.0	p
25 Acetonitrile	41	8.374	8.374	0.000	98	809586	40.0	40.0	p
26 3-Chloro-1-propene	41	8.481	8.481	0.000	99	1418614	40.0	40.0	
27 Methylene Chloride	49	8.716	8.716	0.000	94	1323978	40.0	40.0	
28 2-Methyl-2-propanol	59	8.946	8.946	0.000	95	2440021	40.0	40.0	
29 Acrylonitrile	53	9.139	9.139	0.000	94	722218	40.0	40.0	
30 trans-1,2-Dichloroethene	61	9.230	9.230	0.000	97	1669360	40.0	40.0	
31 Methyl tert-butyl ether	73	9.235	9.235	0.000	96	3321264	40.0	40.0	
32 Hexane	57	9.743	9.743	0.000	92	1687855	40.0	40.0	
33 1,1-Dichloroethane	63	10.005	10.005	0.000	100	2091125	40.0	40.0	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 Vinyl acetate	43	10.021	10.021	0.000	100	2874530	40.0	40.0	
S 35 1,2-Dichloroethene, Total	61				0		40.0	80.0	
36 2-Butanone (MEK)	72	10.990	10.990	0.000	100	549429	40.0	40.0	
37 cis-1,2-Dichloroethene	96	11.011	11.011	0.000	92	1204455	40.0	40.0	
38 Ethyl acetate	88	11.075	11.075	0.000	99	104648	40.0	40.0	
* 39 Chlorobromomethane	128	11.434	11.434	0.000	87	202614	10.0	10.0	
40 Tetrahydrofuran	42	11.471	11.471	0.000	90	1220918	40.0	40.0	
41 Chloroform	83	11.610	11.610	0.000	97	2500170	40.0	40.0	
42 1,1,1-Trichloroethane	97	11.915	11.915	0.000	96	2651798	40.0	40.0	
43 Cyclohexane	84	12.049	12.049	0.000	97	1546564	40.0	40.0	
44 Carbon tetrachloride	117	12.199	12.199	0.000	98	2870038	40.0	40.0	
45 Benzene	78	12.547	12.547	0.000	96	3395735	40.0	40.0	
46 1,2-Dichloroethane	62	12.627	12.627	0.000	98	1651708	40.0	40.0	
47 Isooctane	57	12.766	12.766	0.000	98	5304532	40.0	40.0	
48 n-Heptane	43	13.076	13.076	0.000	91	1989514	40.0	40.0	
* 50 1,4-Difluorobenzene	114	13.295	13.295	0.000	94	996120	10.0	10.0	
53 n-Butanol	56	13.509	13.509	0.000	89	870490	40.0	40.0	
51 Trichloroethene	95	13.729	13.729	0.000	99	1628371	40.0	40.0	
54 1,2-Dichloropropane	63	14.189	14.189	0.000	88	1359297	40.0	40.0	
55 Methyl methacrylate	69	14.274	14.274	0.000	95	1353110	40.0	40.0	
56 1,4-Dioxane	88	14.312	14.312	0.000	93	752014	40.0	40.0	
57 Dibromomethane	174	14.344	14.344	0.000	92	1838913	40.0	40.0	
58 Dichlorobromomethane	83	14.660	14.660	0.000	99	2953749	40.0	40.0	
60 cis-1,3-Dichloropropene	75	15.462	15.462	0.000	94	2317088	40.0	40.0	
61 4-Methyl-2-pentanone (MIBK)	43	15.719	15.719	0.000	97	2839803	40.0	40.0	
62 Toluene	92	16.109	16.109	0.000	94	2821576	40.0	40.0	
63 n-Octane	43	16.355	16.355	0.000	91	2987967	40.0	40.0	
64 trans-1,3-Dichloropropene	75	16.527	16.527	0.000	98	2200895	40.0	40.0	
65 1,1,2-Trichloroethane	83	16.901	16.901	0.000	98	1402034	40.0	40.0	
66 Tetrachloroethene	166	17.099	17.099	0.000	97	2819776	40.0	40.0	
67 2-Hexanone	43	17.308	17.308	0.000	95	2799429	40.0	40.0	
68 Chlorodibromomethane	129	17.645	17.645	0.000	98	3392735	40.0	40.0	
69 Ethylene Dibromide	107	17.886	17.886	0.000	98	2647916	40.0	40.0	
* 70 Chlorobenzene-d5	117	18.795	18.795	0.000	86	929503	10.0	10.0	
71 Chlorobenzene	112	18.854	18.854	0.000	95	3908462	40.0	40.0	
73 Ethylbenzene	91	19.046	19.046	0.000	98	6329452	40.0	40.0	
74 m-Xylene & p-Xylene	106	19.314	19.314	0.000	0	4943165	80.0	80.0	
75 n-Nonane	57	19.373	19.373	0.000	89	2858093	40.0	40.0	
76 o-Xylene	106	20.084	20.084	0.000	100	2423926	40.0	40.0	
S 77 Xylenes, Total	106				0		120.0	120.0	
78 Styrene	104	20.122	20.122	0.000	99	3905248	40.0	40.0	
79 Bromoform	173	20.469	20.469	0.000	98	3608229	40.0	40.0	
80 Isopropylbenzene	105	20.785	20.785	0.000	96	7120628	40.0	40.0	
81 1,1,2,2-Tetrachloroethane	83	21.299	21.299	0.000	99	3689738	40.0	40.0	
82 1,2,3-Trichloropropane	75	21.400	21.400	0.000	97	2856106	40.0	40.0	
83 N-Propylbenzene	91	21.502	21.502	0.000	99	8385864	40.0	40.0	
84 2-Chlorotoluene	91	21.646	21.646	0.000	97	5162330	40.0	40.0	
85 4-Ethyltoluene	105	21.700	21.700	0.000	98	7079475	40.0	40.0	
86 1,3,5-Trimethylbenzene	105	21.791	21.791	0.000	94	5881063	40.0	40.0	
87 n-Decane	57	21.823	21.823	0.000	92	3587804	40.0	40.0	
88 Alpha Methyl Styrene	118	22.117	22.117	0.000	89	3132280	40.0	40.0	

Preliminary Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20201210-43999.b\43974-009.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 tert-Butylbenzene	119	22.272	22.272	0.000	94	5913150	40.0	40.0	
90 1,2,4-Trimethylbenzene	105	22.358	22.358	0.000	98	5889652	40.0	40.0	
91 sec-Butylbenzene	105	22.599	22.599	0.000	98	8641148	40.0	40.0	
92 1,3-Dichlorobenzene	146	22.770	22.770	0.000	97	4175508	40.0	40.0	
93 4-Isopropyltoluene	119	22.813	22.813	0.000	97	7611898	40.0	40.0	
94 1,4-Dichlorobenzene	146	22.909	22.909	0.000	96	4044430	40.0	40.0	
95 Benzyl chloride	91	23.059	23.059	0.000	99	5120880	40.0	40.0	
96 n-Butylbenzene	91	23.369	23.369	0.000	98	6881449	40.0	40.0	
97 1,2-Dichlorobenzene	146	23.401	23.401	0.000	97	4137925	40.0	40.0	
98 Undecane	57	23.513	23.513	0.000	94	3977790	40.0	40.0	
99 Dodecane	57	25.097	25.097	0.000	97	3607204	40.0	40.0	
100 1,2,4-Trichlorobenzene	180	25.835	25.835	0.000	94	3001167	40.0	40.0	
101 Hexachlorobutadiene	225	26.087	26.087	0.000	97	3646341	40.0	40.0	
102 Naphthalene	128	26.317	26.317	0.000	99	6508304	40.0	40.0	
103 1,2,3-Trichlorobenzene	180	26.729	26.729	0.000	95	2966358	40.0	40.0	
112 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

p - Peak ID'ed as Multiple Compounds

Reagents:

ATTO15CALSTKi_00136	Amount Added: 40.00	Units: mL	
ATTO15WISs_00008	Amount Added: 20.00	Units: mL	Run Reagent

Reagent

ATTO15EthCALs_00009

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Ethyl alcohol

CATALOG NUMBER	N-11885-1G
LOT NUMBER	5301900
DATE CERTIFIED	07/21/15
EXPIRATION DATE	07/31/21
CAS NUMBER	64-17-5
MOLECULAR FORMULA	C2H6O
MOLECULAR WEIGHT	46.07
STORAGE	Store in a cool dry place.
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratory use only.
ISO GUIDE 34 CERTIFIED	[ ]

Analytical Test	Value
% PURITY (GC/FID)	99.5

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

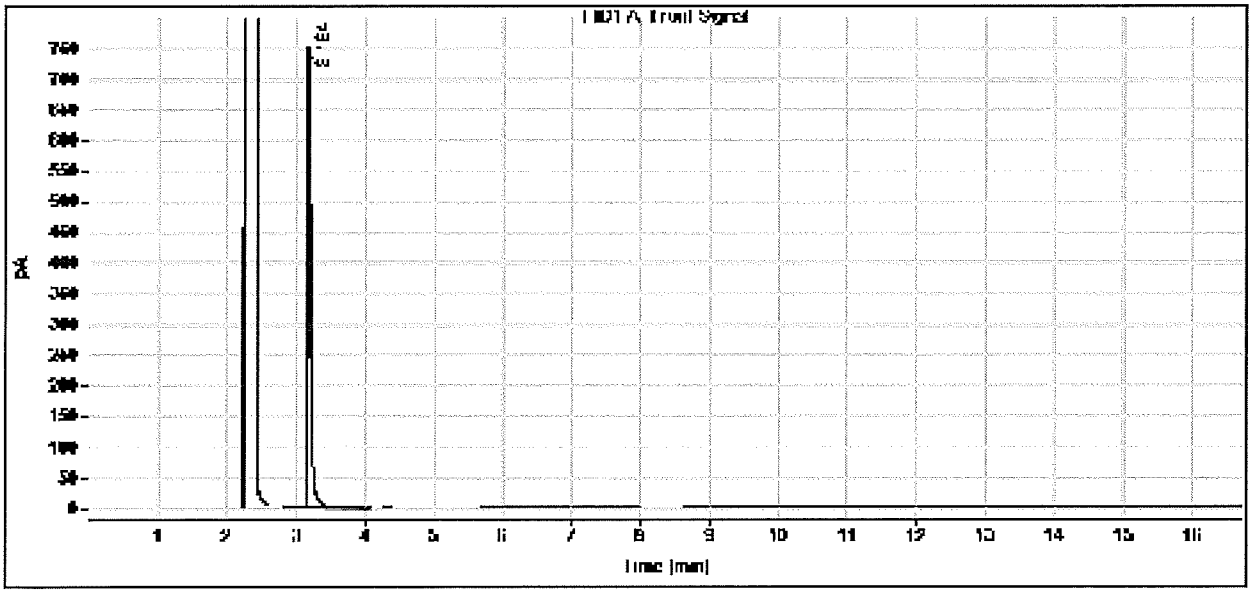
CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\0715\SIG1006841.D

Sample name: N-11885

Instrument:	GC 1	**Sample type:**	Sample
Injection date:	7/21/2015 10:30:34 AM	**Location:**	Vial 5
Acq. method:	MIX1.M	**Injection volume:**	1.0uL
Column name:	DB-624 (30m x 0.53mm x 3.0um)		



Signal: FID1 A, Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
3.184	BB	0.0537	2394.4050	741.5197	100.0000
		Sum	2394.4050		

Chem Service, Inc. is accredited to ISO Guide 34:2009, ISO/IEC 17025:2005 and certified to ISO 9001:2008

ISO/IEC 17025 Accreditation Number:63520
ISO GUIDE 34 Accreditation Number:63520

Reagent

ATTO15XISs_00002

THE LINDE GROUP

Linde

SHIPPED TO: Test America Inc
30 Community Drive Suite 11
South Burlington, VT 05403

PAGE: 1 of 1

CERTIFICATE OF ANALYSIS

Sales#:	113956382	**Cylinder Size:**	152 (8" X 47.5")
Production#:	1375442	**Cylinder # :**	CC-143437
Certification Date:	May-04-2016	**Cylinder Pressure:**	2000 psig
P.O.# :	2644671	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	CERTIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	24088974	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	4000 Liters
Expiration Date:	May-04-2017	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	CERTIFIED CONC
Bromochloromethane	74-97-5	100 ppb	108 ppb
1,4-Difluorobenzene	540-36-3	100 ppb	110 ppb
Chlorobenzene-d5	3114-55-4	100 ppb	110 ppb
4-Bromofluorobenzene	460-00-4	100 ppb	108 ppb
Nitrogen	7727-37-9	Balance	Balance

941851
ID: ATTO15XISs_00002
Exp:06/13/21 Prpd:PAD Opn:06/13/16
Internal Standard for Ins

ANALYST: Justin Kutz

DATE: May-04-2016

Linde Gas North America LLC

(908) 329-9700 Main (908) 329-9740 Fax
www.Lindeus.com

Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 45779-03.D

Lab ID: LCS 200-166352/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	52.3	53.0	101	61-142	
Chlorodifluoromethane	37.4	40.2	107	60-147	
1,2-Dichlorotetrafluoroethane	74.0	75.4	102	71-141	
Chloromethane	20.5	24.1	117	56-141	
n-Butane	24.5	27.4	112	53-151	
Vinyl chloride	25.5	28.7	112	61-135	
1,3-Butadiene	21.5	24.9	116	58-139	
Bromomethane	40.4	40.4	100	72-124	
Chloroethane	27.9	28.4	102	68-130	
Bromoethene(Vinyl Bromide)	44.0	45.3	103	75-125	
Trichlorofluoromethane	58.5	62.0	106	70-129	
1,1,2-Trichlorotrifluoroethane	81.8	83.0	101	70-121	
1,1-Dichloroethene	40.4	40.6	100	68-120	
Acetone	24.8	25.7	104	54-154	
Isopropyl alcohol	25.0	27.2	109	53-142	
Carbon disulfide	32.3	33.1	103	71-138	
3-Chloropropene	33.6	36.1	108	50-150	
Methylene Chloride	35.6	38.7	109	59-137	
tert-Butyl alcohol	32.7	36.5	111	66-132	
Methyl tert-butyl ether	38.1	39.2	103	70-127	
trans-1,2-Dichloroethene	40.9	44.7	109	69-137	
n-Hexane	36.9	38.3	104	63-138	
1,1-Dichloroethane	41.6	43.8	105	66-130	
Methyl Ethyl Ketone (2-Butanone)	30.5	30.7	101	72-124	
cis-1,2-Dichloroethene	41.1	44.0	107	72-121	
Chloroform	50.4	51.5	102	73-124	
Tetrahydrofuran	28.9	32.6	113	60-149	
1,1,1-Trichloroethane	56.3	59.7	106	72-127	
Cyclohexane	35.2	35.4	101	76-124	
Carbon tetrachloride	63.2	70.1	111	71-133	
2,2,4-Trimethylpentane	47.4	52.0	110	68-131	
Benzene	33.2	33.6	101	73-119	
1,2-Dichloroethane	42.3	46.4	110	68-135	
n-Heptane	42.2	47.0	111	60-142	
Trichloroethene	55.3	59.9	108	73-122	
Methyl methacrylate	41.8	44.5	106	73-129	
1,2-Dichloropropane	47.8	51.4	107	69-128	
1,4-Dioxane	37.1	43.3	117	66-129	
Bromodichloromethane	68.9	77.1	112	75-127	
cis-1,3-Dichloropropene	45.1	50.2	111	74-125	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 45779-03.D

Lab ID: LCS 200-166352/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	47.6	114	58-144	
Toluene	38.4	39.3	102	75-122	
trans-1,3-Dichloropropene	44.7	49.3	110	74-128	
1,1,2-Trichloroethane	57.2	61.0	107	75-126	
Tetrachloroethene	71.0	70.6	99	70-125	
Methyl Butyl Ketone (2-Hexanone)	41.4	49.3	119	57-143	
Dibromochloromethane	90.3	88.7	98	73-125	
1,2-Dibromoethane	81.9	87.9	107	78-122	
Chlorobenzene	48.3	50.0	103	76-119	
Ethylbenzene	44.4	47.5	107	74-122	
m,p-Xylene	86.8	94.4	109	76-121	
o-Xylene	45.0	48.0	107	73-123	
Styrene	43.8	49.2	112	74-125	
Bromoform	106	119	111	53-149	
Cumene	51.4	55.2	107	73-123	
1,1,2,2-Tetrachloroethane	71.0	79.5	112	74-126	
n-Propylbenzene	50.9	56.7	111	73-127	
4-Ethyltoluene	50.4	56.6	112	75-129	
1,3,5-Trimethylbenzene	51.6	55.8	108	72-126	
2-Chlorotoluene	54.0	59.7	111	74-126	
tert-Butylbenzene	57.1	60.9	107	71-125	
1,2,4-Trimethylbenzene	51.3	56.8	111	71-129	
sec-Butylbenzene	57.4	63.1	110	70-128	
4-Isopropyltoluene	57.6	61.9	107	68-130	
1,3-Dichlorobenzene	61.1	70.6	115	69-131	
1,4-Dichlorobenzene	62.5	70.3	112	67-132	
Benzyl chloride	52.6	63.9	122	60-136	
n-Butylbenzene	57.7	65.8	114	65-137	
1,2-Dichlorobenzene	64.7	70.3	109	68-129	
1,2,4-Trichlorobenzene	81.5	95.6	117	50-150	
Hexachlorobutadiene	116	116	101	58-130	
Naphthalene	55.0	63.7	116	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 200-45799-003.D

Lab ID: LCS 200-166409/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	52.3	52.4	100	61-142	
Chlorodifluoromethane	37.4	37.1	99	60-147	
1,2-Dichlorotetrafluoroethane	74.0	70.2	95	71-141	
Chloromethane	20.5	22.1	108	56-141	
n-Butane	24.5	24.6	100	53-151	
Vinyl chloride	25.5	24.3	95	61-135	
1,3-Butadiene	21.5	21.5	100	58-139	
Bromomethane	40.4	38.1	94	72-124	
Chloroethane	27.9	27.8	100	68-130	
Bromoethene(Vinyl Bromide)	44.0	44.0	100	75-125	
Trichlorofluoromethane	58.5	58.4	100	70-129	
1,1,2-Trichlorotrifluoroethane	81.8	76.1	93	70-121	
1,1-Dichloroethene	40.4	37.8	94	68-120	
Acetone	24.8	25.0	101	54-154	
Isopropyl alcohol	25.0	23.2	93	53-142	
Carbon disulfide	32.3	31.2	97	71-138	
3-Chloropropene	33.6	33.4	99	50-150	
Methylene Chloride	35.6	33.9	95	59-137	
tert-Butyl alcohol	32.7	31.3	96	66-132	
Methyl tert-butyl ether	38.1	36.2	95	70-127	
trans-1,2-Dichloroethene	40.9	37.4	91	69-137	
n-Hexane	36.9	32.9	89	63-138	
1,1-Dichloroethane	41.6	39.1	94	66-130	
Methyl Ethyl Ketone (2-Butanone)	30.5	27.1	89	72-124	
cis-1,2-Dichloroethene	41.1	39.1	95	72-121	
Chloroform	50.4	47.0	93	73-124	
Tetrahydrofuran	28.9	27.3	94	60-149	
1,1,1-Trichloroethane	56.3	48.3	86	72-127	
Cyclohexane	35.2	29.7	85	76-124	
Carbon tetrachloride	63.2	58.5	93	71-133	
2,2,4-Trimethylpentane	47.4	41.3	87	68-131	
Benzene	33.2	26.6	80	73-119	
1,2-Dichloroethane	42.3	36.8	87	68-135	
n-Heptane	42.2	36.8	87	60-142	
Trichloroethene	55.3	50.0	90	73-122	
Methyl methacrylate	41.8	36.6	88	73-129	
1,2-Dichloropropane	47.8	39.5	83	69-128	
1,4-Dioxane	37.1	32.9	89	66-129	
Bromodichloromethane	68.9	65.8	96	75-127	
cis-1,3-Dichloropropene	45.1	42.4	94	74-125	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 200-45799-003.D

Lab ID: LCS 200-166409/3 Client ID:

COMPOUND	SPIKE ADDED (ug/m3)	LCS CONCENTRATION (ug/m3)	LCS % REC	QC LIMITS REC	#
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.7	36.0	86	58-144	
Toluene	38.4	32.7	85	75-122	
trans-1,3-Dichloropropene	44.7	40.9	92	74-128	
1,1,2-Trichloroethane	57.2	50.3	88	75-126	
Tetrachloroethene	71.0	63.5	89	70-125	
Methyl Butyl Ketone (2-Hexanone)	41.4	35.4	85	57-143	
Dibromochloromethane	90.3	80.4	89	73-125	
1,2-Dibromoethane	81.9	75.8	93	78-122	
Chlorobenzene	48.3	43.7	90	76-119	
Ethylbenzene	44.4	37.8	85	74-122	
m,p-Xylene	86.8	81.3	94	76-121	
o-Xylene	45.0	37.5	83	73-123	
Styrene	43.8	41.4	95	74-125	
Bromoform	106	107	100	53-149	
Cumene	51.4	45.4	88	73-123	
1,1,2,2-Tetrachloroethane	71.0	62.9	89	74-126	
n-Propylbenzene	50.9	46.3	91	73-127	
4-Ethyltoluene	50.4	45.7	91	75-129	
1,3,5-Trimethylbenzene	51.6	45.0	87	72-126	
2-Chlorotoluene	54.0	47.8	88	74-126	
tert-Butylbenzene	57.1	50.9	89	71-125	
1,2,4-Trimethylbenzene	51.3	44.8	87	71-129	
sec-Butylbenzene	57.4	50.4	88	70-128	
4-Isopropyltoluene	57.6	49.4	86	68-130	
1,3-Dichlorobenzene	61.1	56.8	93	69-131	
1,4-Dichlorobenzene	62.5	58.3	93	67-132	
Benzyl chloride	52.6	53.7	102	60-136	
n-Butylbenzene	57.7	50.6	88	65-137	
1,2-Dichlorobenzene	64.7	55.5	86	68-129	
1,2,4-Trichlorobenzene	81.5	73.4	90	50-150	
Hexachlorobutadiene	116	88.8	77	58-130	
Naphthalene	55.0	48.5	88	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab File ID: 45779-04.D Lab Sample ID: MB 200-166352/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHX.i Date Analyzed: 04/30/2021 10:06

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-166352/3	45779-03.D	04/30/2021 09:13
AA-01_20210428	200-58258-1	45779-18.D	04/30/2021 22:43
SV-01_20210428	200-58258-2	45779-19.D	04/30/2021 23:36
SV-02_20210428	200-58258-3	45779-22.D	05/01/2021 02:16
SV-03_20210428	200-58258-4	45779-24.D	05/01/2021 04:03
SV-04_20210428	200-58258-5	45779-27.D	05/01/2021 06:43

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab File ID: 200-45799-005.D Lab Sample ID: MB 200-166409/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHG.i Date Analyzed: 05/03/2021 11:08

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-166409/3	200-45799-003.D	05/03/2021 09:21
SV-01_20210428 DL	200-58258-2 DL	200-45799-009.D	05/03/2021 14:39
SV-02_20210428 DL	200-58258-3 DL	200-45799-010.D	05/03/2021 15:31
SV-03_20210428 DL	200-58258-4 DL	200-45799-011.D	05/03/2021 16:24

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab File ID: 200-45736-001a.D BFB Injection Date: 04/29/2021

Instrument ID: CHG.i BFB Injection Time: 14:57

Analysis Batch No.: 166332

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	23.4	
75	30.0 - 66.0% of mass 95	52.9	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.3	(0.4) 1
174	50.0 - 120.0% of mass 95	76.2	
175	4.0 - 9.0 % of mass 174	5.4	(7.1) 1
176	93.0 - 101.0% of mass 174	74.8	(98.2) 1
177	5.0 - 9.0% of mass 176	5.2	(7.0) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-166332/4	200-45776-004	04/29/2021	17:40
	IC 200-166332/5	200-45776-005	04/29/2021	18:32
	IC 200-166332/6	200-45776-006	04/29/2021	19:26
	IC 200-166332/7	200-45776-007	04/29/2021	20:19
	ICIS 200-166332/8	200-45776-008	04/29/2021	21:11
	IC 200-166332/9	200-45776-009	04/29/2021	22:04
	IC 200-166332/12	200-45776-012	04/30/2021	0:42
	IC 200-166332/13	200-45776-013	04/30/2021	1:36
	ICV 200-166332/16	200-45776-016	04/30/2021	4:18

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab File ID: 200-45799-001.D BFB Injection Date: 05/03/2021

Instrument ID: CHG.i BFB Injection Time: 07:45

Analysis Batch No.: 166409

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	18.1	
75	30.0 - 66.0% of mass 95	47.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50.0 - 120.0% of mass 95	88.4	
175	4.0 - 9.0 % of mass 174	7.0	(7.9) 1
176	93.0 - 101.0% of mass 174	87.0	(98.5) 1
177	5.0 - 9.0% of mass 176	5.8	(6.6) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-166409/2	200-45799-002	05/03/2021	8:29
	LCS 200-166409/3	200-45799-003	05/03/2021	9:21
	MB 200-166409/5	200-45799-005	05/03/2021	11:08
SV-01_20210428 DL	200-58258-2 DL	200-45799-009	05/03/2021	14:39
SV-02_20210428 DL	200-58258-3 DL	200-45799-010	05/03/2021	15:31
SV-03_20210428 DL	200-58258-4 DL	200-45799-011	05/03/2021	16:24

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab File ID: 45522-01.D BFB Injection Date: 04/08/2021

Instrument ID: CHX.i BFB Injection Time: 14:47

Analysis Batch No.: 165684

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.5	
75	30.0 - 66.0% of mass 95	41.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.6	(0.6) 1
174	50.0 - 120.0% of mass 95	96.1	
175	4.0 - 9.0 % of mass 174	6.9	(7.2) 1
176	93.0 - 101.0% of mass 174	93.8	(97.6) 1
177	5.0 - 9.0% of mass 176	6.2	(6.6) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-165684/4	45522-04.D	04/08/2021	17:20
	IC 200-165684/5	45522-05.D	04/08/2021	18:13
	IC 200-165684/7	45522-07.D	04/08/2021	19:59
	ICIS 200-165684/8	45522-08.D	04/08/2021	20:52
	IC 200-165684/9	45522-09.D	04/08/2021	21:45
	IC 200-165684/13	45522-13.D	04/09/2021	1:18
	IC 200-165684/22	45522-22.D	04/09/2021	9:41
	IC 200-165684/23	45522-23.D	04/09/2021	11:15
	ICV 200-165684/26	45522-26.D	04/09/2021	14:30

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab File ID: 45779-01.D BFB Injection Date: 04/30/2021

Instrument ID: CHX.i BFB Injection Time: 07:34

Analysis Batch No.: 166352

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.5	
75	30.0 - 66.0% of mass 95	44.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.7	(0.7) 1
174	50.0 - 120.0% of mass 95	95.5	
175	4.0 - 9.0 % of mass 174	6.9	(7.2) 1
176	93.0 - 101.0% of mass 174	93.0	(97.5) 1
177	5.0 - 9.0% of mass 176	6.1	(6.5) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-166352/2	45779-02.D	04/30/2021	8:20
	LCS 200-166352/3	45779-03.D	04/30/2021	9:13
	MB 200-166352/4	45779-04.D	04/30/2021	10:06
AA-01_20210428	200-58258-1	45779-18.D	04/30/2021	22:43
SV-01_20210428	200-58258-2	45779-19.D	04/30/2021	23:36
SV-02_20210428	200-58258-3	45779-22.D	05/01/2021	2:16
SV-03_20210428	200-58258-4	45779-24.D	05/01/2021	4:03
SV-04_20210428	200-58258-5	45779-27.D	05/01/2021	6:43

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Sample No.: ICIS 200-166332/8 Date Analyzed: 04/29/2021 21:11

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 200-45776-008.D Heated Purge: (Y/N) N

Calibration ID: 45679

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		112189	8.93	622676	10.90	596437	16.85
UPPER LIMIT		157065	9.26	871746	11.23	835012	17.18
LOWER LIMIT		67313	8.60	373606	10.57	357862	16.52
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-166332/16		112003	8.93	596589	10.89	585695	16.86

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Sample No.: CCVIS 200-166409/2 Date Analyzed: 05/03/2021 08:29

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 200-45799-002.D Heated Purge: (Y/N) N

Calibration ID: 45679

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		100124	8.93	533480	10.90	483896	16.86
UPPER LIMIT		140174	9.26	746872	11.23	677454	17.19
LOWER LIMIT		60074	8.60	320088	10.57	290338	16.53
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-166409/3		111086	8.93	663066	10.90	633658	16.86
MB 200-166409/5		112515	8.93	672398	10.90	627510	16.86
200-58258-2 DL	SV-01_20210428 DL	106323	8.93	661784	10.90	634544	16.86
200-58258-3 DL	SV-02_20210428 DL	108217	8.93	599538	10.90	573562	16.86
200-58258-4 DL	SV-03_20210428 DL	109564	8.93	608840	10.90	571786	16.86

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Sample No.: ICIS 200-165684/8 Date Analyzed: 04/08/2021 20:52

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 45522-08.D Heated Purge: (Y/N) N

Calibration ID: 45529

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		79135	11.57	389092	13.40	308750	18.88
UPPER LIMIT		110789	11.90	544729	13.73	432250	19.21
LOWER LIMIT		47481	11.24	233455	13.07	185250	18.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-165684/26		88112	11.57	436150	13.41	341823	18.88

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Sample No.: CCVIS 200-166352/2 Date Analyzed: 04/30/2021 08:20

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 45779-02.D Heated Purge: (Y/N) N

Calibration ID: 45529

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		58685	11.57	286801	13.40	230230	18.88
UPPER LIMIT		82159	11.90	401521	13.73	322322	19.21
LOWER LIMIT		35211	11.24	172081	13.07	138138	18.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-166352/3		60067	11.57	296244	13.40	236961	18.88
MB 200-166352/4		59121	11.57	299170	13.41	228351	18.88
200-58258-1	AA-01_20210428	53622	11.56	268026	13.40	224397	18.88
200-58258-2	SV-01_20210428	56906	11.57	288429	13.40	224879	18.88
200-58258-3	SV-02_20210428	63025	11.57	319672	13.41	236741	18.88
200-58258-4	SV-03_20210428	64622	11.57	327777	13.40	255096	18.88
200-58258-5	SV-04_20210428	66181	11.57	339267	13.40	269402	18.87

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: AA-01_20210428 Lab Sample ID: 200-58258-1

Matrix: Air Lab File ID: 45779-18.D

Analysis Method: TO-15 Date Collected: 04/28/2021 10:56

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 22:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.5	J	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	1.6		1.0	0.25
106-97-8	n-Butane	58.12	8.4		1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	1.6		1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.56	J	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.11
67-64-1	Acetone	58.08	13		12	4.8
67-63-0	Isopropyl alcohol	60.10	7.6	J	12	2.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	0.66	J	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	2.4		0.70	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.4	J	1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.39		0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	2.9		0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.49		0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	1.8		0.93	0.16
71-43-2	Benzene	78.11	1.1		0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: AA-01_20210428 Lab Sample ID: 200-58258-1

Matrix: Air Lab File ID: 45779-18.D

Analysis Method: TO-15 Date Collected: 04/28/2021 10:56

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 22:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	1.1		0.82	0.24
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
80-62-6	Methyl methacrylate	100.12	60		2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	7.0		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	0.42	J	1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.54	J	0.87	0.43
179601-23-1	m,p-Xylene	106.17	1.8	J	2.2	0.74
95-47-6	o-Xylene	106.17	0.57	J	0.87	0.41
100-42-5	Styrene	104.15	0.85	U	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	0.47	J	0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: AA-01_20210428 Lab Sample ID: 200-58258-1

Matrix: Air Lab File ID: 45779-18.D

Analysis Method: TO-15 Date Collected: 04/28/2021 10:56

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 22:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: AA-01_20210428 Lab Sample ID: 200-58258-1

Matrix: Air Lab File ID: 45779-18.D

Analysis Method: TO-15 Date Collected: 04/28/2021 10:56

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 22:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.52		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.42	J	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.79		0.50	0.12
106-97-8	n-Butane	58.12	3.5		0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.29		0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.073	J	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.029
67-64-1	Acetone	58.08	5.4		5.0	2.0
67-63-0	Isopropyl alcohol	60.10	3.1	J	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.19	J	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.088
110-54-3	n-Hexane	86.17	0.67		0.20	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.49	J	0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.097		0.050	0.033
67-66-3	Chloroform	119.38	0.20	U	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.83		0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.077		0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.39		0.20	0.035
71-43-2	Benzene	78.11	0.35		0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: AA-01_20210428 Lab Sample ID: 200-58258-1

Matrix: Air Lab File ID: 45779-18.D

Analysis Method: TO-15 Date Collected: 04/28/2021 10:56

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 22:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.27		0.20	0.059
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.024
80-62-6	Methyl methacrylate	100.12	15		0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	1.9		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.061	J	0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.12	J	0.20	0.10
179601-23-1	m,p-Xylene	106.17	0.41	J	0.50	0.17
95-47-6	o-Xylene	106.17	0.13	J	0.20	0.094
100-42-5	Styrene	104.15	0.20	U	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	0.096	J	0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: AA-01_20210428 Lab Sample ID: 200-58258-1

Matrix: Air Lab File ID: 45779-18.D

Analysis Method: TO-15 Date Collected: 04/28/2021 10:56

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 22:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D
Lims ID: 200-58258-A-1
Client ID: AA-01_20210428
Sample Type: Client
Inject. Date: 30-Apr-2021 22:43:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045779-018
Misc. Info.: 58258-1
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 03-May-2021 11:25:09 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: bunmaa Date: 03-May-2021 11:25:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.418	4.429	-0.011	99	10351	0.5152	
3 Chlorodifluoromethane	51	4.466	4.472	-0.006	96	5126	0.4196	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.787				ND	
5 Chloromethane	50	4.905	4.910	-0.005	97	5650	0.7908	
6 Butane	43	5.221	5.226	-0.005	99	35900	3.54	
7 Vinyl chloride	62		5.226				ND	
8 Butadiene	54		5.338				ND	
10 Bromomethane	94		6.055				ND	
11 Chloroethane	64		6.323				ND	
13 Vinyl bromide	106		6.740				ND	
14 Trichlorofluoromethane	101	6.895	6.900	-0.005	95	4717	0.2889	
21 1,1-Dichloroethene	96		7.960				ND	
20 112TCTFE	101	7.986	7.992	-0.006	1	971	0.0726	
22 Acetone	43	8.018	8.009	0.005	97	48088	5.37	
24 Isopropyl alcohol	45	8.302	8.286	0.016	100	31929	3.11	
23 Carbon disulfide	76		8.377				ND	
25 3-Chloro-1-propene	41		8.655				ND	
27 Methylene Chloride	49	8.880	8.890	-0.011	76	1102	0.1913	
28 2-Methyl-2-propanol	59		9.046				ND	
29 Methyl tert-butyl ether	73		9.367				ND	
31 trans-1,2-Dichloroethene	61		9.388				ND	
33 Hexane	57	9.875	9.880	-0.005	91	5750	0.6675	
34 1,1-Dichloroethane	63		10.153				ND	
38 2-Butanone (MEK)	72	11.111	11.094	0.016	98	1528	0.4874	
37 cis-1,2-Dichloroethene	96	11.137	11.143	-0.006	1	612	0.0972	
* 40 Chlorobromomethane	128	11.560	11.565	-0.005	81	53622	10.0	
41 Tetrahydrofuran	42		11.581				ND	
42 Chloroform	83		11.737				ND	U
44 1,1,1-Trichloroethane	97		12.036				ND	
43 Cyclohexane	84	12.175	12.181	-0.006	95	7217	0.8318	
45 Carbon tetrachloride	117	12.325	12.314	0.011	83	1075	0.0775	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
47 Benzene	78	12.662	12.662	0.000	93	7032	0.3533	
48 1,2-Dichloroethane	62		12.748				ND	
46 Isooctane	57	12.865	12.865	0.000	98	11025	0.3890	
49 n-Heptane	43	13.170	13.170	0.000	91	2476	0.2657	
* 50 1,4-Difluorobenzene	114	13.400	13.400	0.000	93	268026	10.0	
53 Trichloroethene	95		13.828				ND	
54 1,2-Dichloropropane	63		14.294				ND	
55 Methyl methacrylate	69	14.358	14.358	0.000	99	95770	14.8	
56 1,4-Dioxane	88		14.401				ND	
58 Dichlorobromomethane	83		14.759				ND	
60 cis-1,3-Dichloropropene	75		15.556				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.792				ND	U
65 Toluene	92	16.193	16.193	0.000	94	28334	1.85	
66 trans-1,3-Dichloropropene	75		16.610				ND	
67 1,1,2-Trichloroethane	83		16.990				ND	
68 Tetrachloroethene	166	17.183	17.182	-0.001	84	887	0.0613	
69 2-Hexanone	43		17.370				ND	U
71 Chlorodibromomethane	129		17.734				ND	
72 Ethylene Dibromide	107		17.980				ND	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	85	224397	10.0	
75 Chlorobenzene	112		18.937				ND	
76 Ethylbenzene	91	19.119	19.119	0.000	92	3751	0.1244	
78 m-Xylene & p-Xylene	106	19.365	19.381	-0.016	0	4969	0.4129	
79 o-Xylene	106	20.157	20.152	0.005	94	1450	0.1319	
80 Styrene	104		20.195				ND	
81 Bromoform	173		20.548				ND	
82 Isopropylbenzene	105		20.836				ND	
84 1,1,2,2-Tetrachloroethane	83		21.355				ND	
85 N-Propylbenzene	91		21.548				ND	U
89 2-Chlorotoluene	91		21.698				ND	
88 4-Ethyltoluene	105	21.751	21.740	0.010	91	838	0.0311	
90 1,3,5-Trimethylbenzene	105	21.837	21.837	0.000	1	623	0.0253	a
92 tert-Butylbenzene	119		22.313				ND	
93 1,2,4-Trimethylbenzene	105	22.404	22.398	0.005	91	2123	0.0956	
94 sec-Butylbenzene	105		22.634				ND	
96 1,3-Dichlorobenzene	146		22.816				ND	
95 4-Isopropyltoluene	119		22.848				ND	
97 1,4-Dichlorobenzene	146		22.955				ND	
98 Benzyl chloride	91		23.099				ND	
100 n-Butylbenzene	91		23.404				ND	
101 1,2-Dichlorobenzene	146		23.447				ND	
103 1,2,4-Trichlorobenzene	180		25.903				ND	
104 Hexachlorobutadiene	225		26.138				ND	
105 Naphthalene	128		26.384				ND	

QC Flag Legend

Processing Flags

Review Flags
U - Marked Undetected
a - User Assigned ID

Reagents:

ATTO15XISs_00002 Amount Added: 20.00 Units: mL Run Reagent

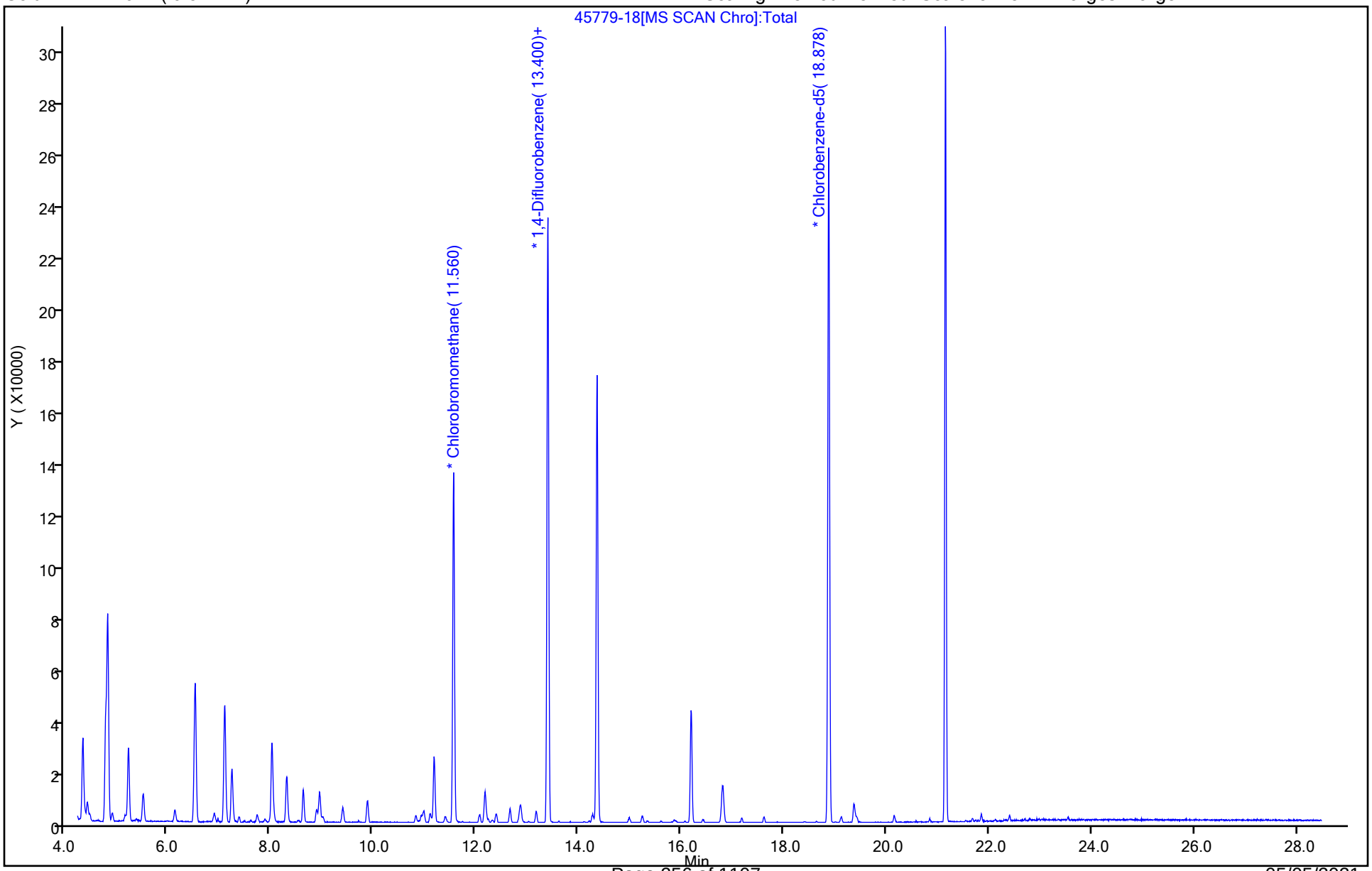
Report Date: 03-May-2021 11:25:09 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D

Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1	Worklist Smp#:	18
Client ID:	AA-01_20210428				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

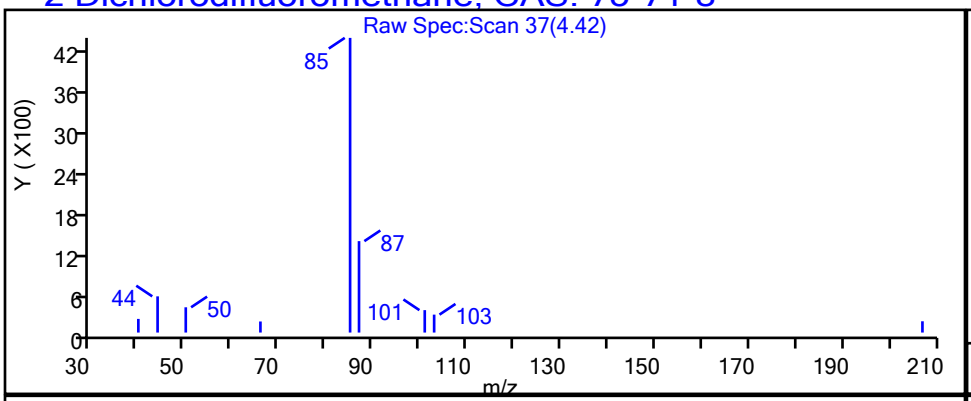


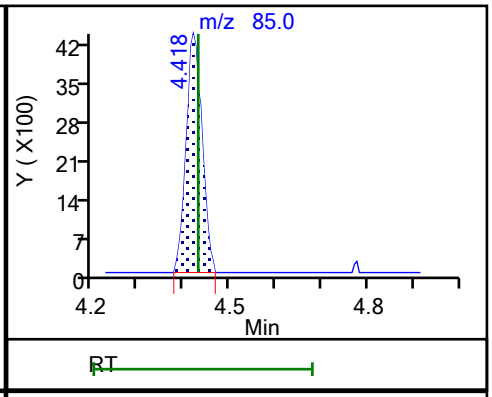
Report Date: 03-May-2021 11:25:09 Chrom Revision: 2.3 08-Apr-2021 17:17:48

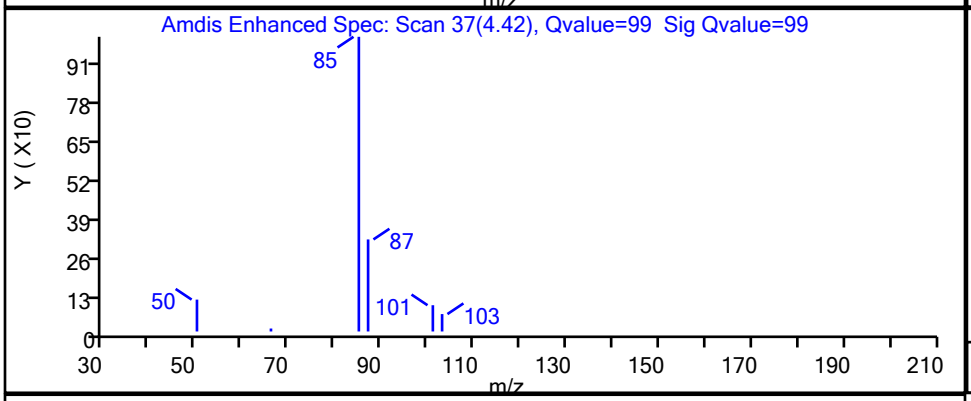
Eurofins TestAmerica, Burlington

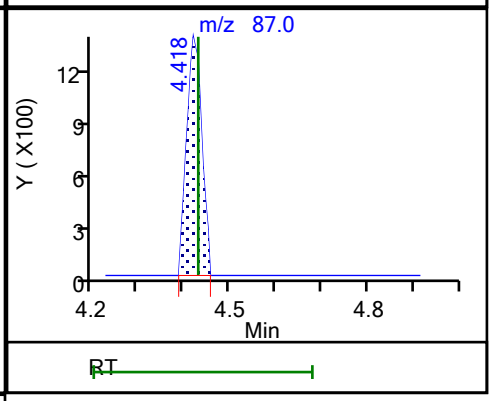
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

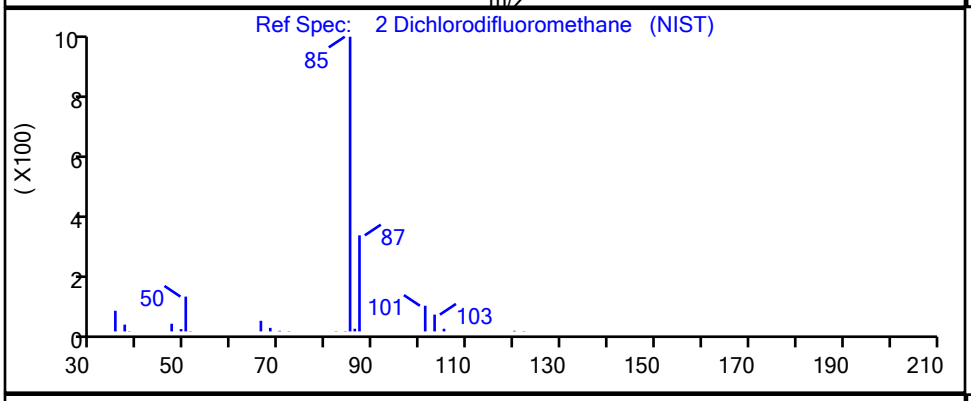
2 Dichlorodifluoromethane, CAS: 75-71-8

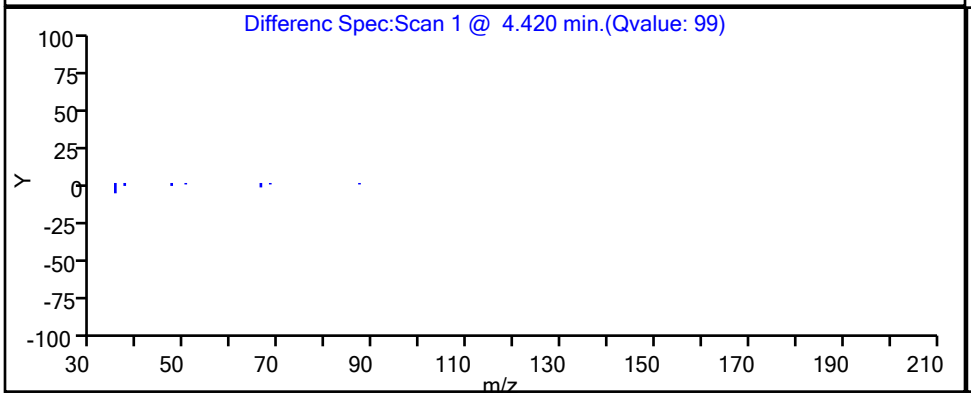


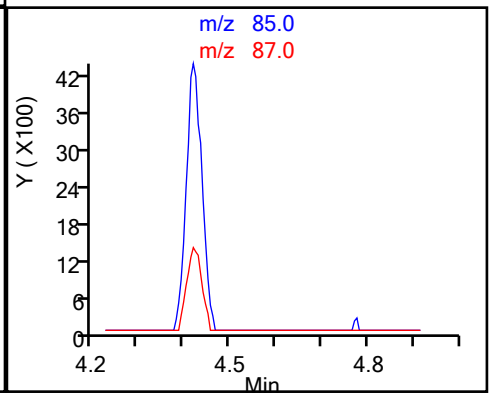








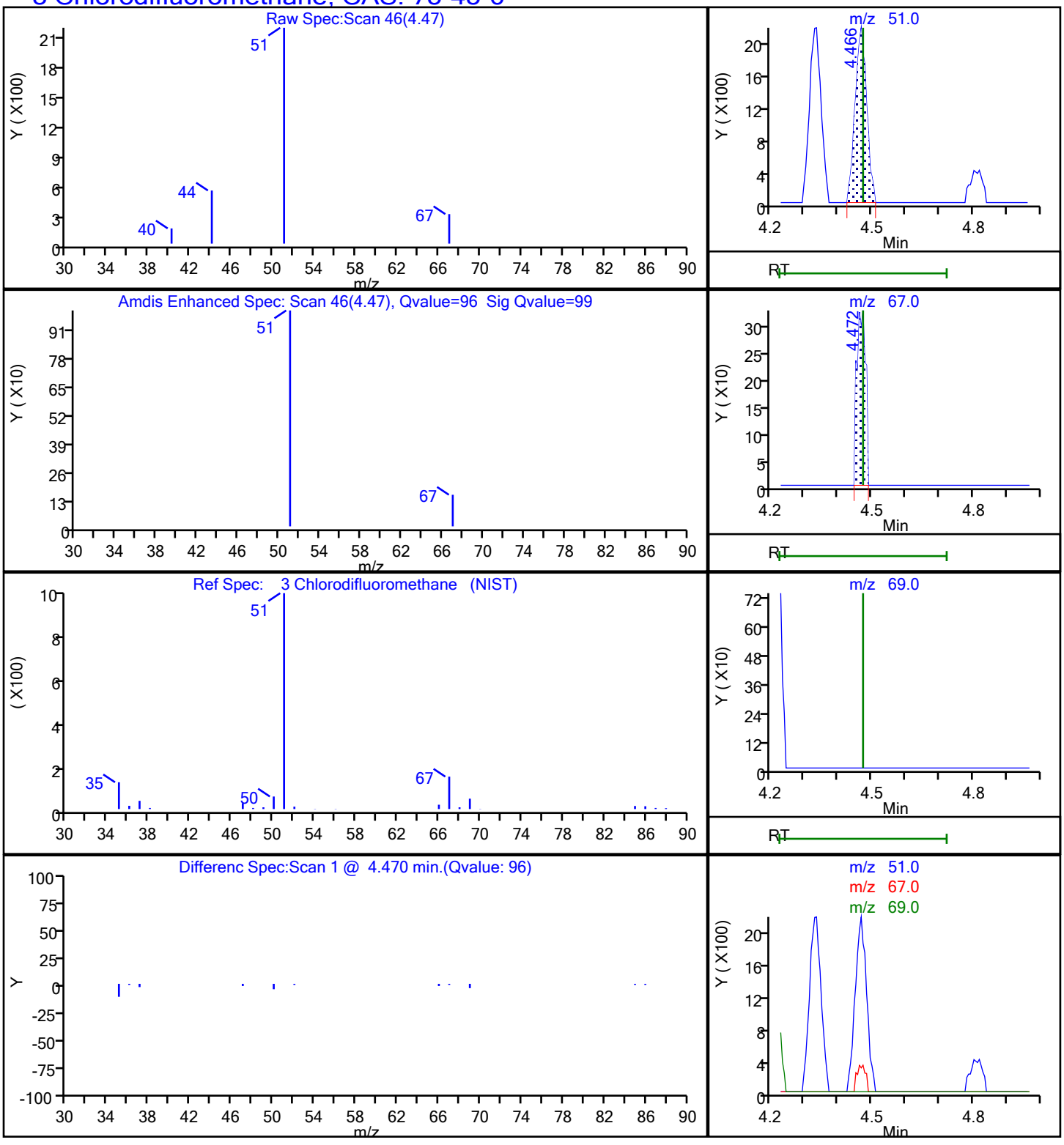




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



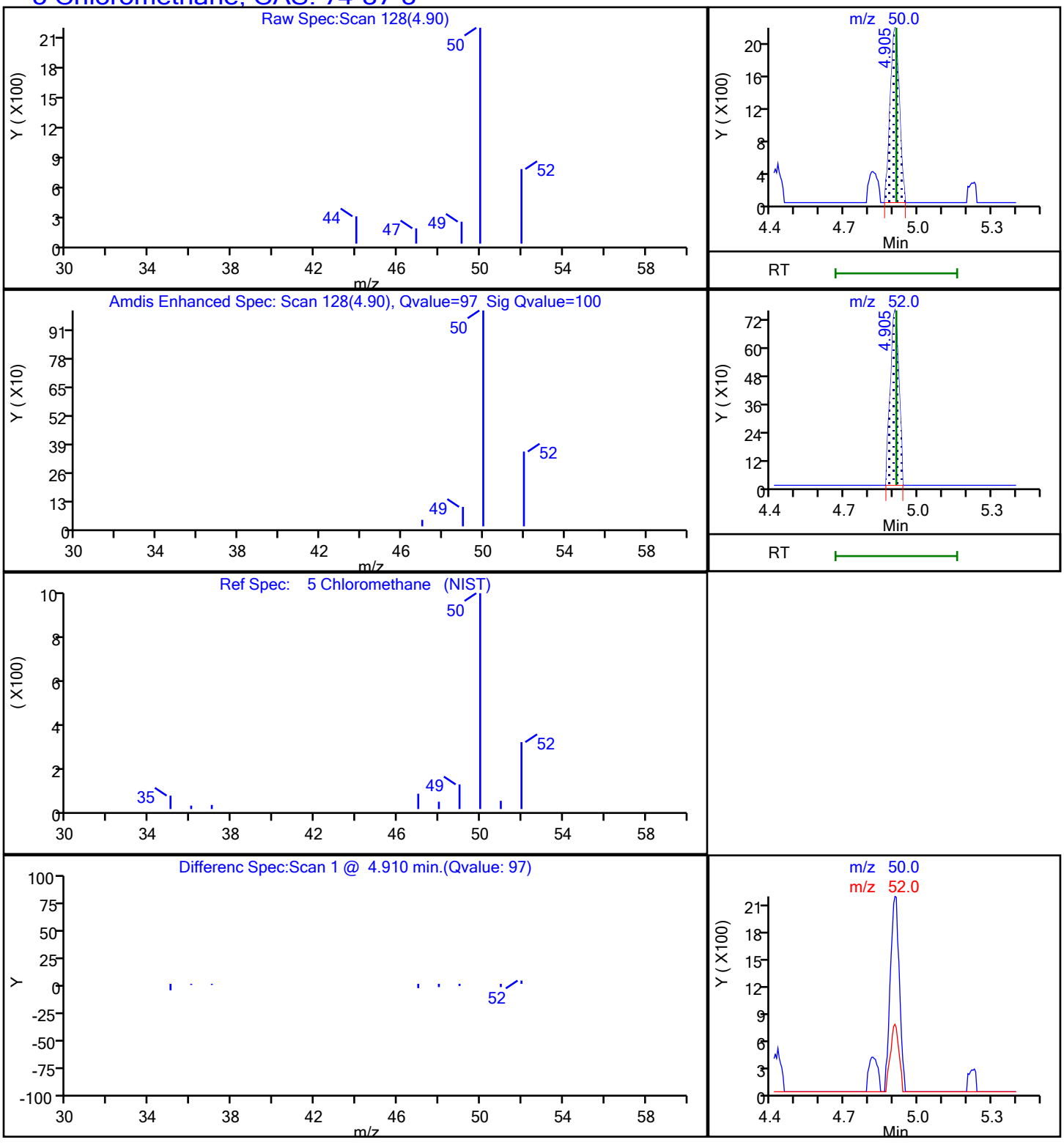
Report Date: 03-May-2021 11:25:09 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D

Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

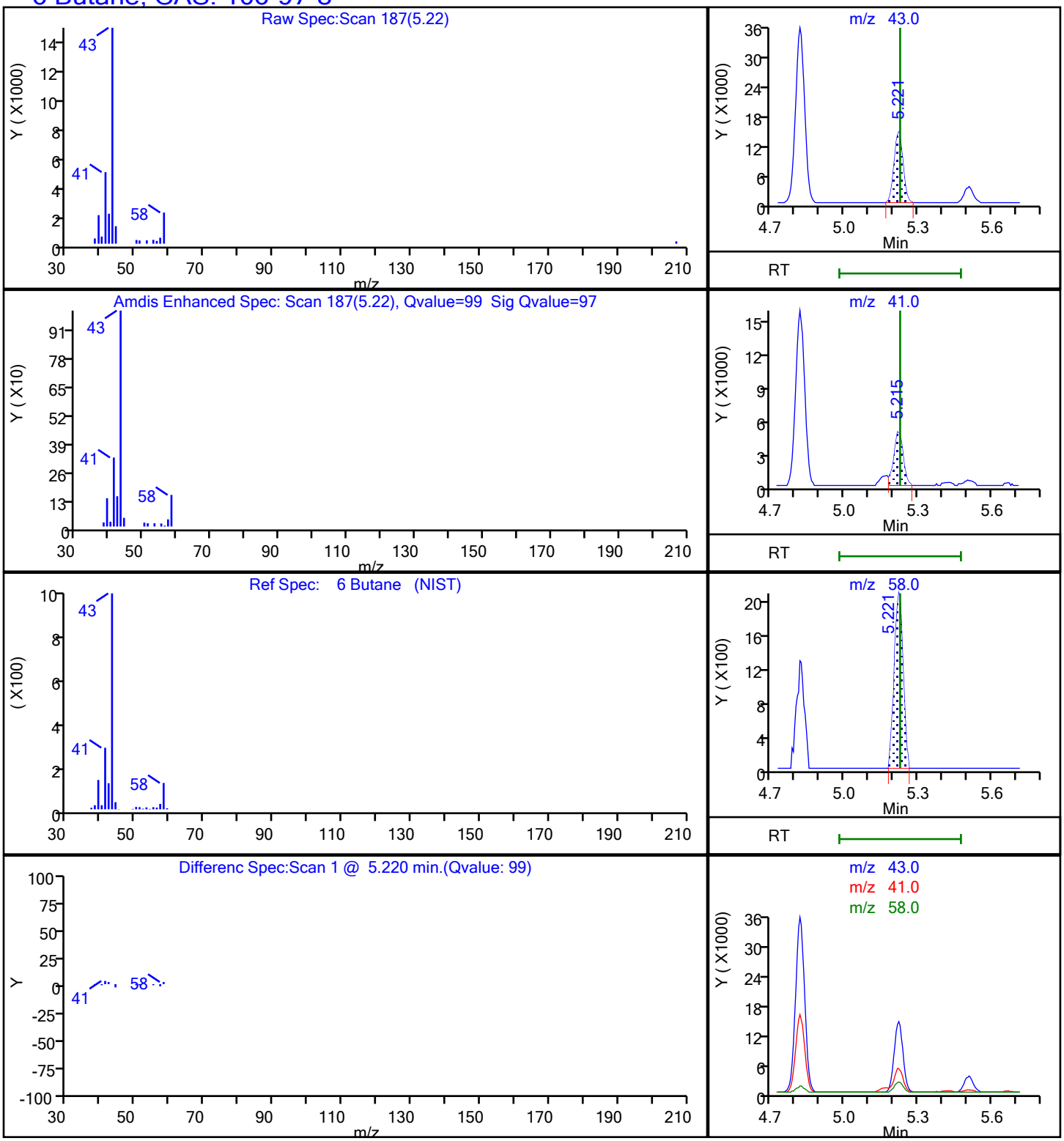
5 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

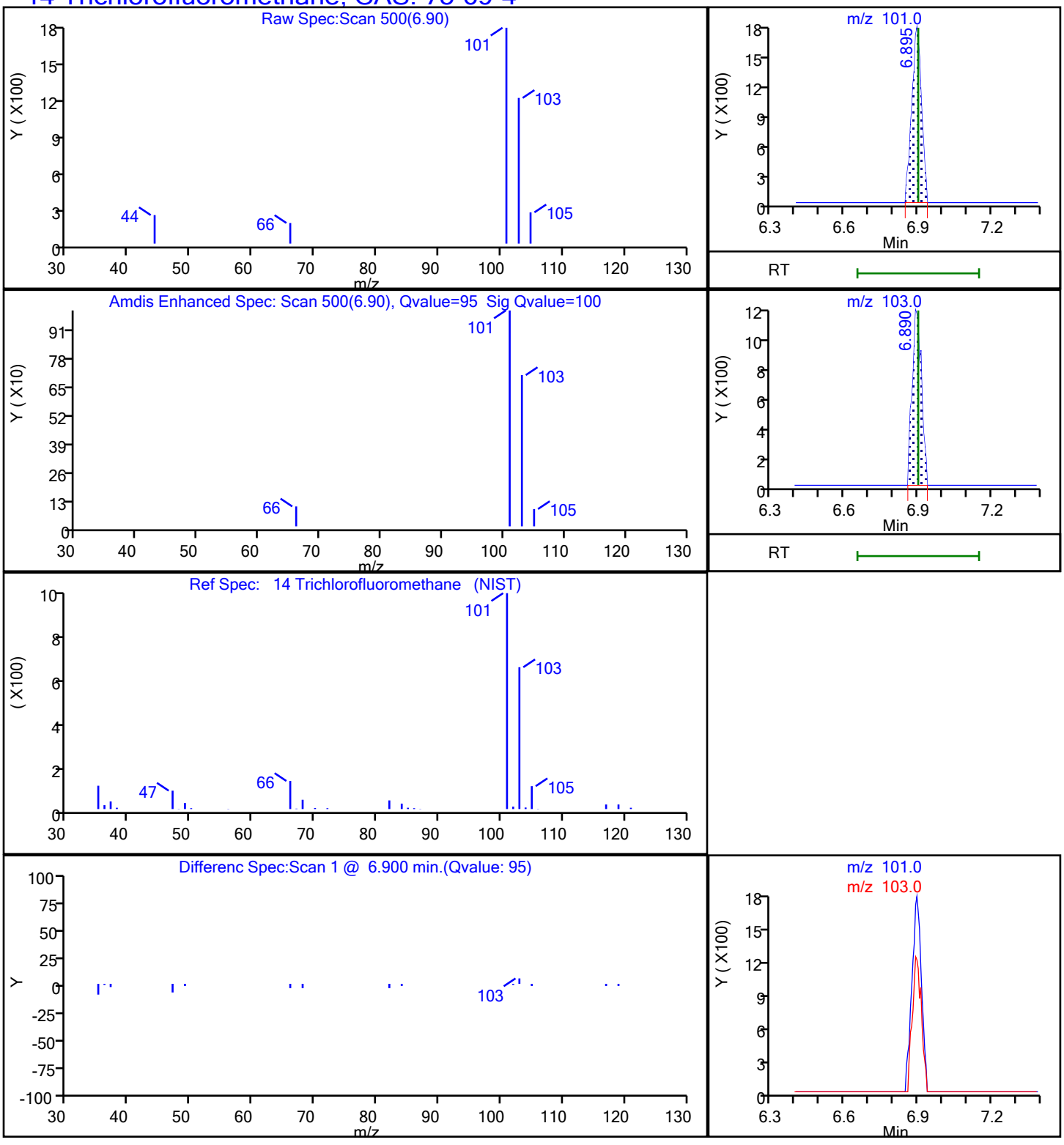
6 Butane, CAS: 106-97-8



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4



Eurofins TestAmerica, Burlington

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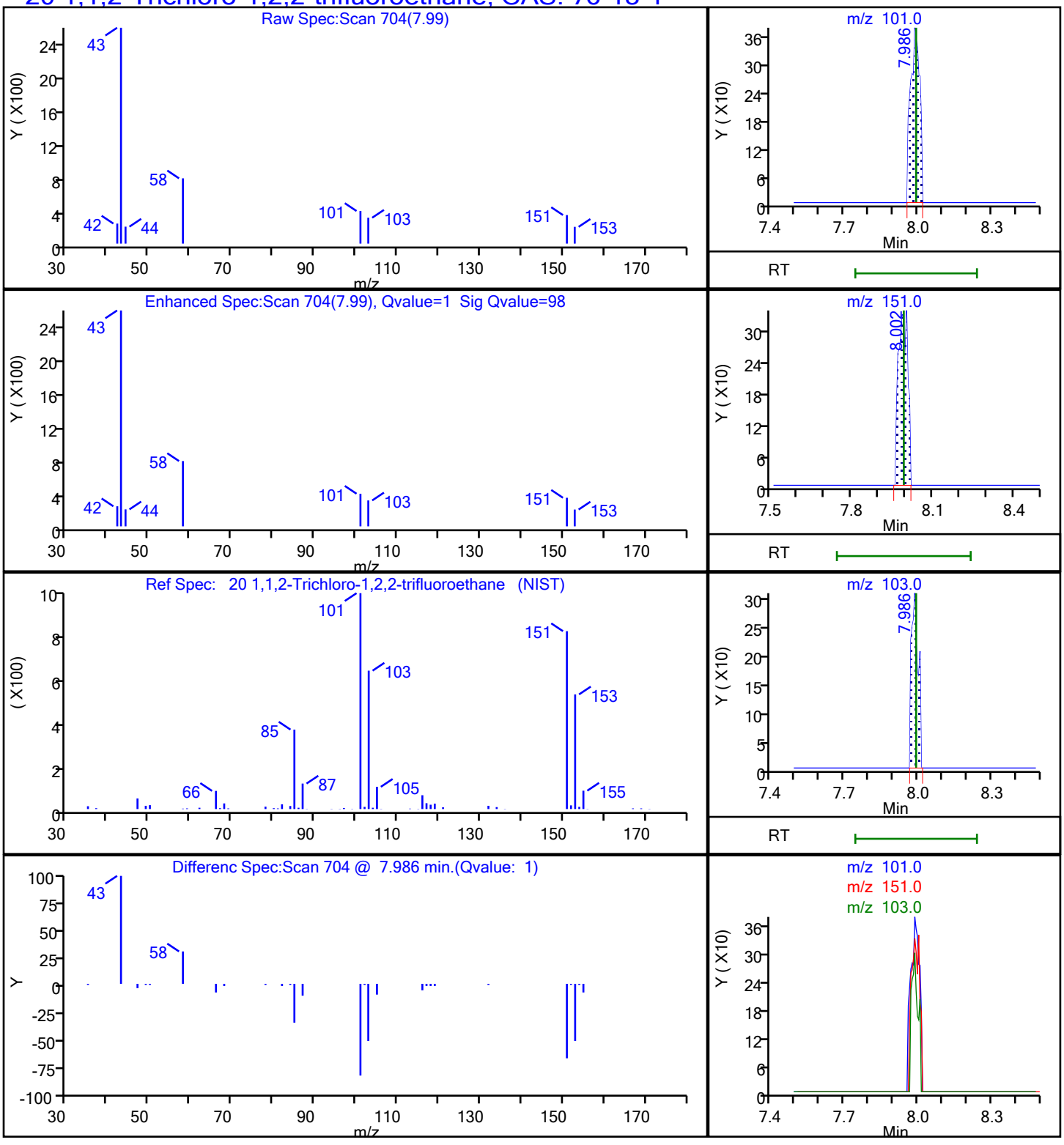
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



Eurofins TestAmerica, Burlington

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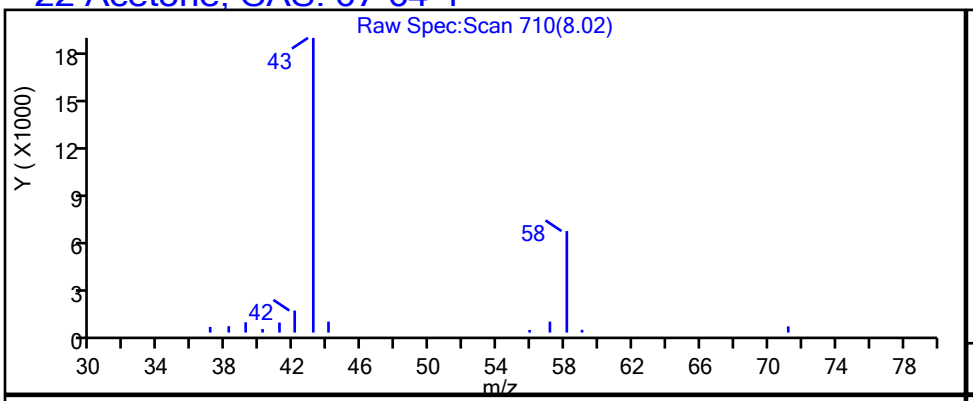
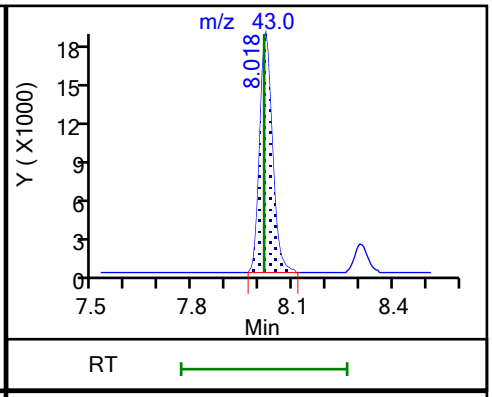
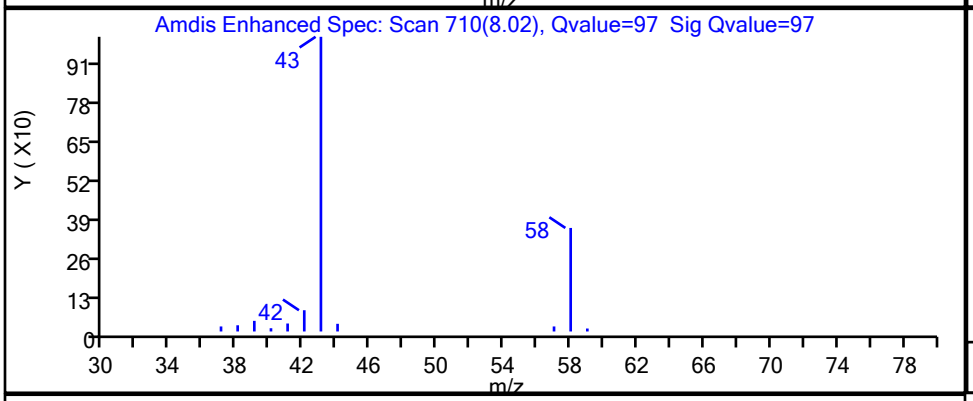
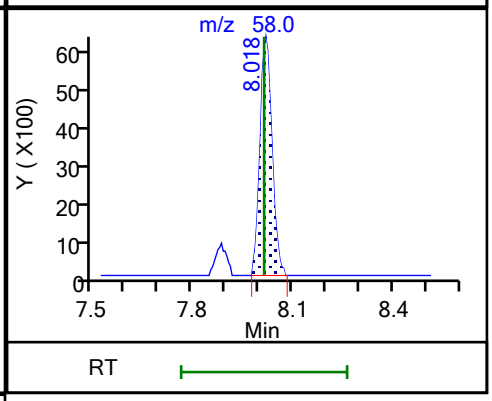
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

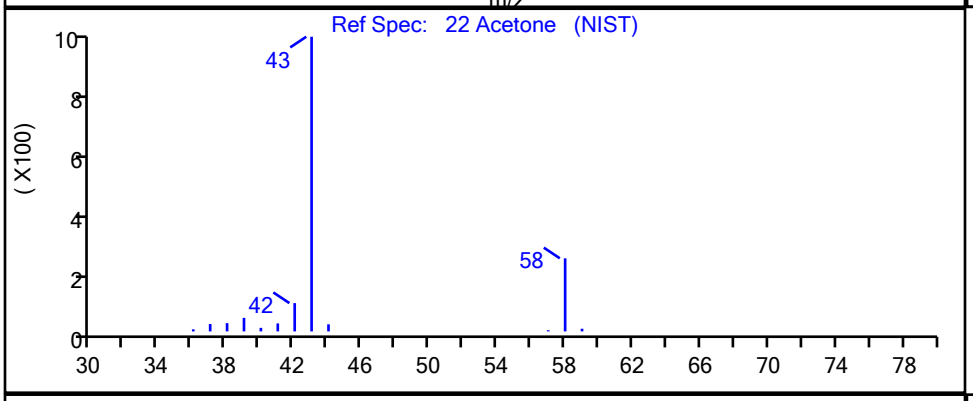
22 Acetone, CAS: 67-64-1

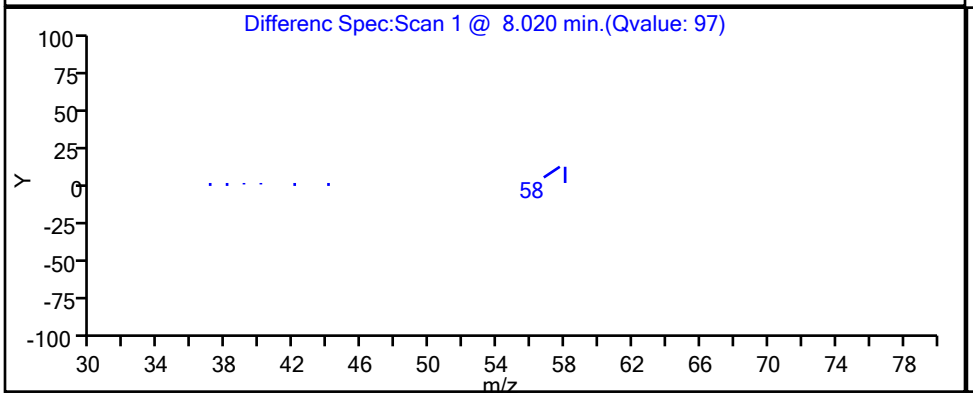


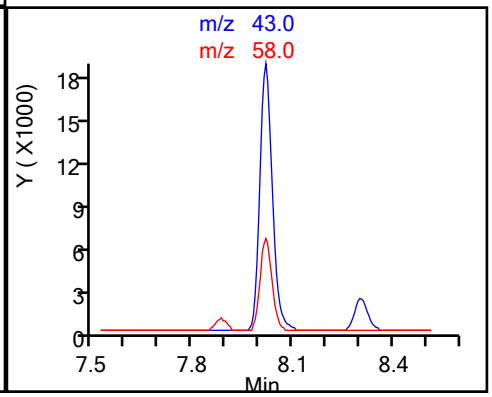








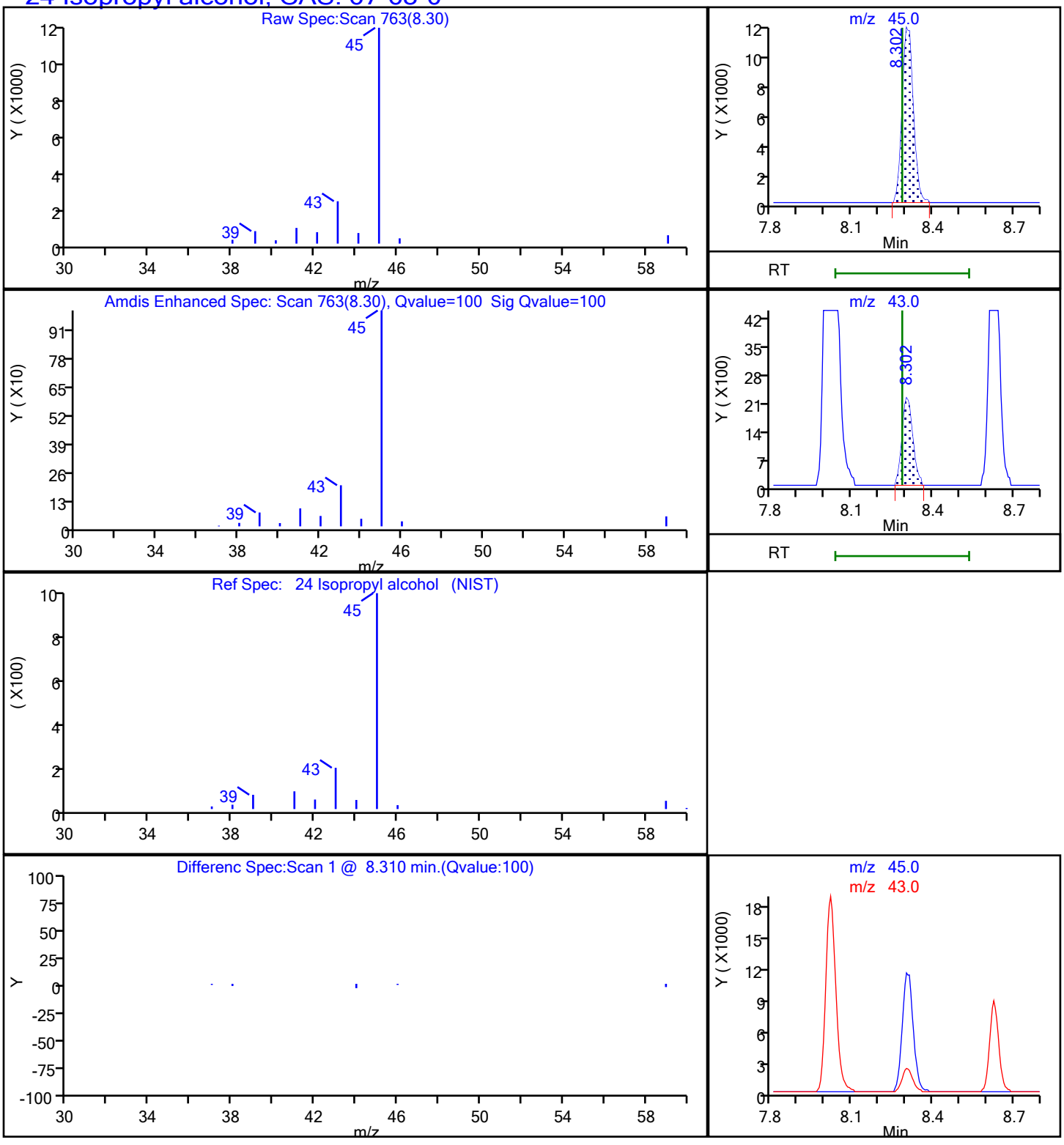




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

24 Isopropyl alcohol, CAS: 67-63-0



Eurofins TestAmerica, Burlington

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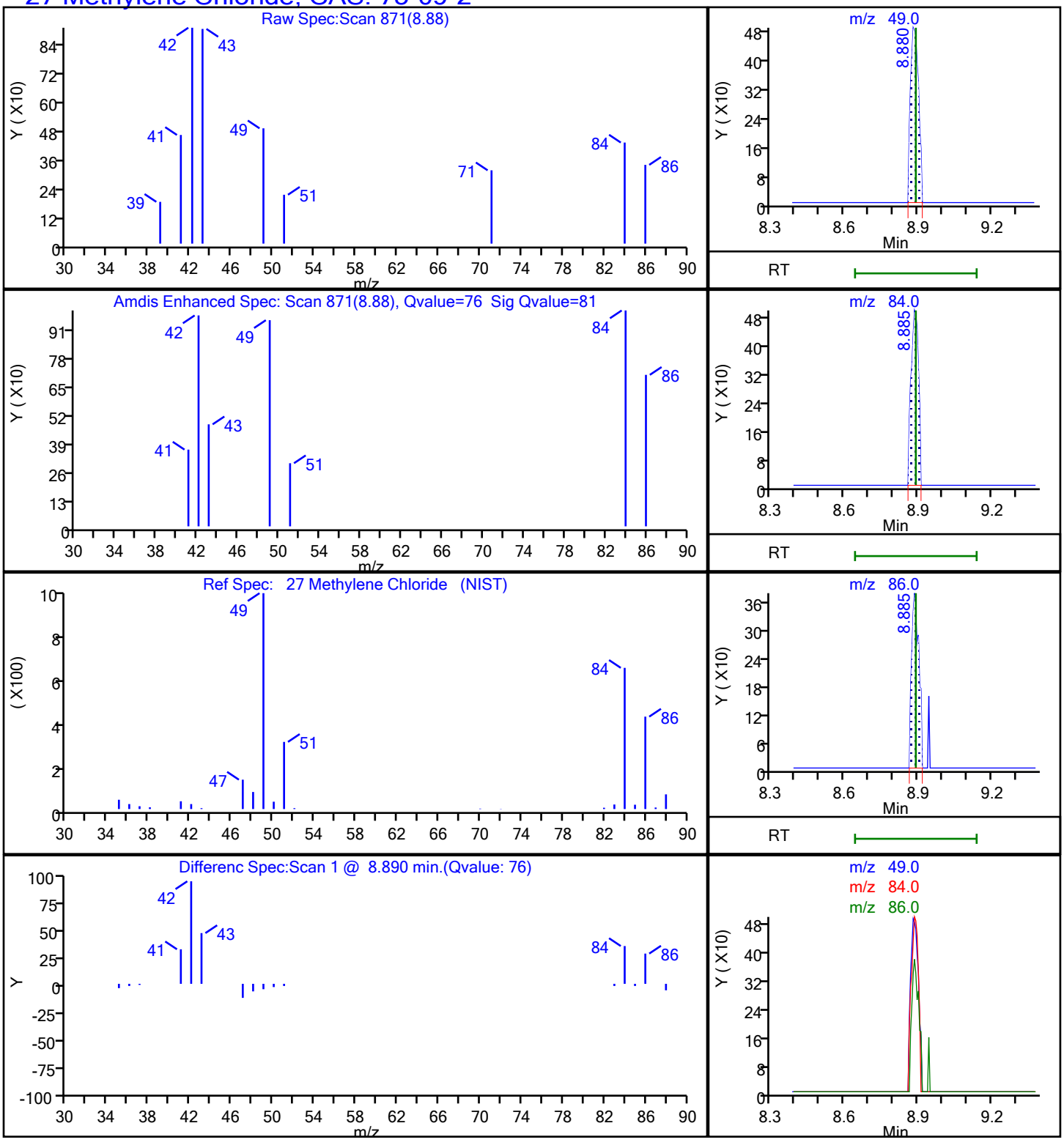
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2



Eurofins TestAmerica, Burlington

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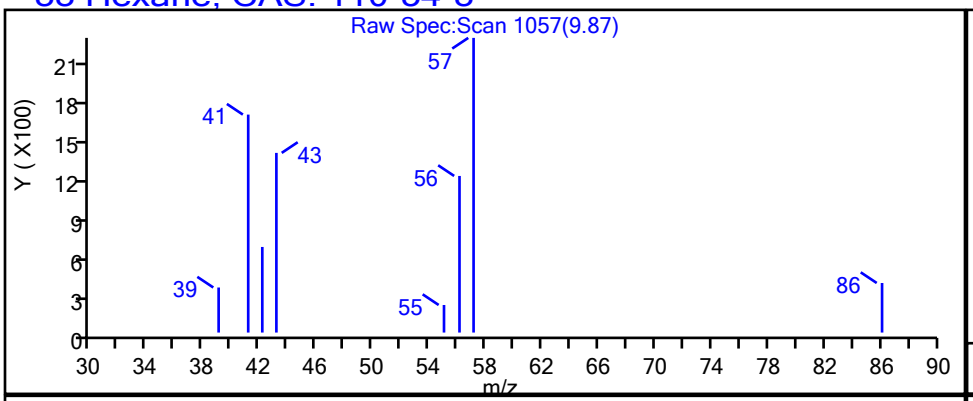
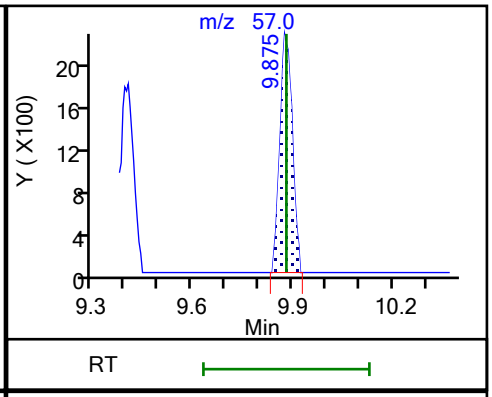
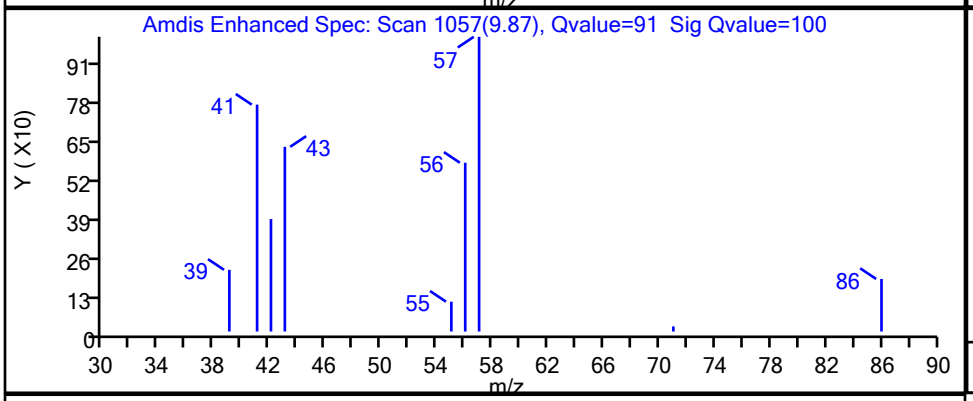
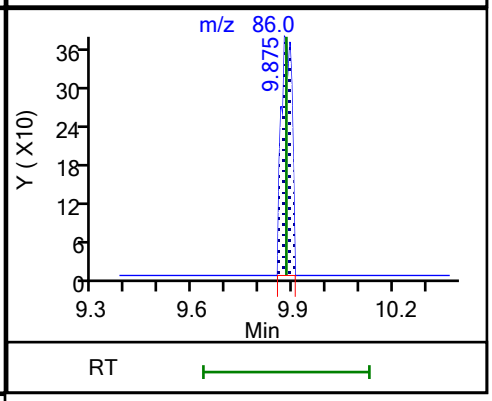
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

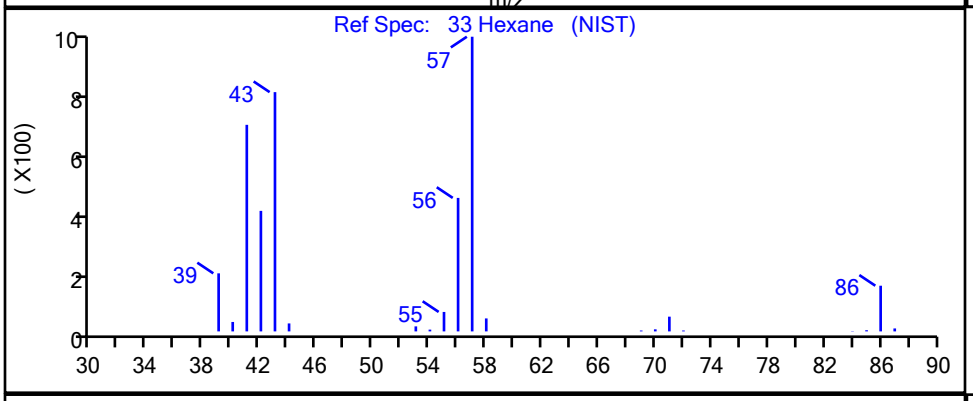
33 Hexane, CAS: 110-54-3

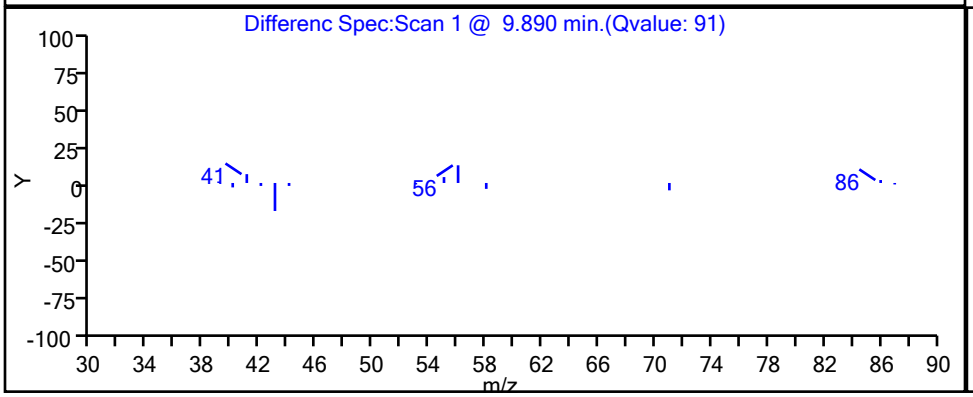


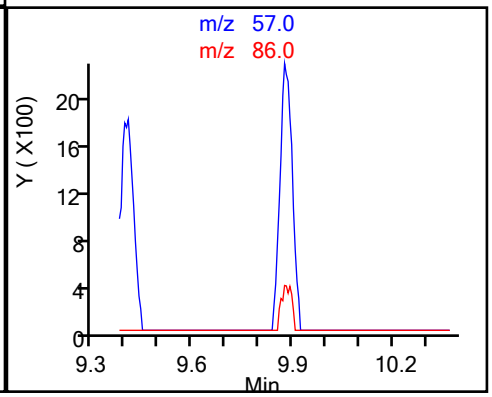












Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
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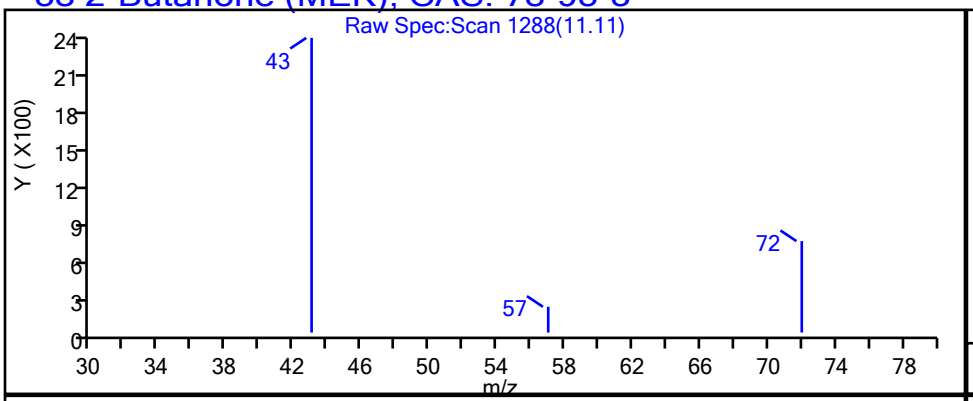
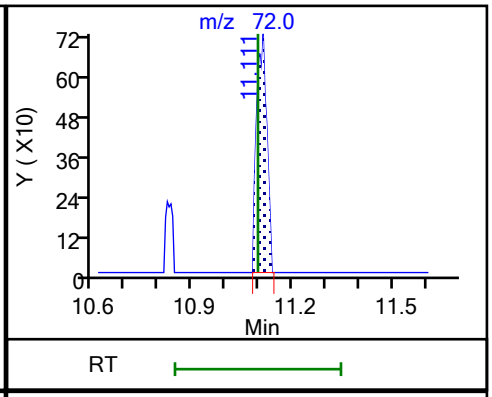
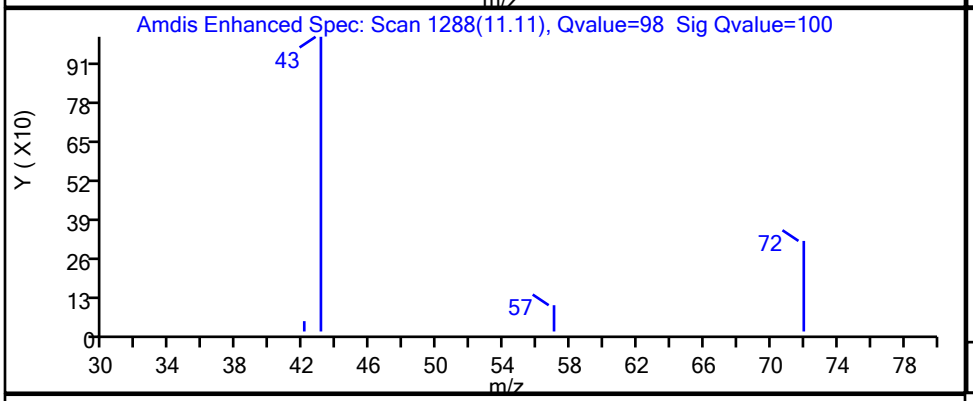
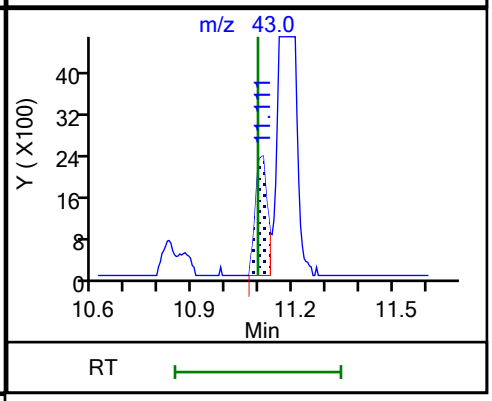
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

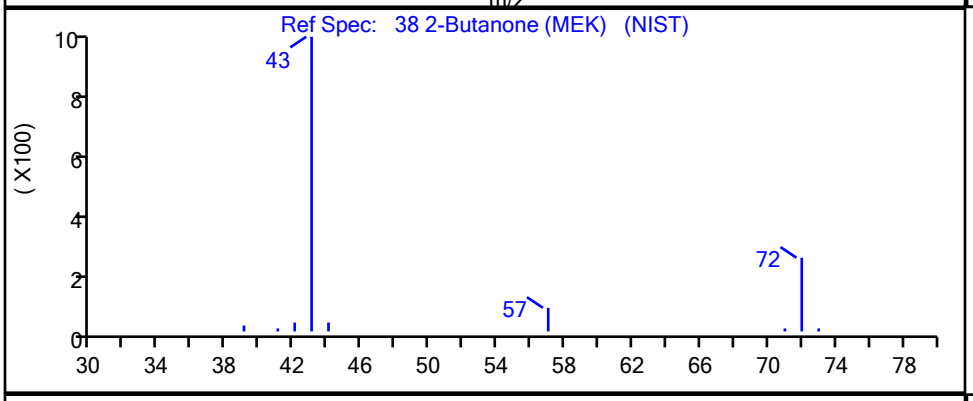
38 2-Butanone (MEK), CAS: 78-93-3

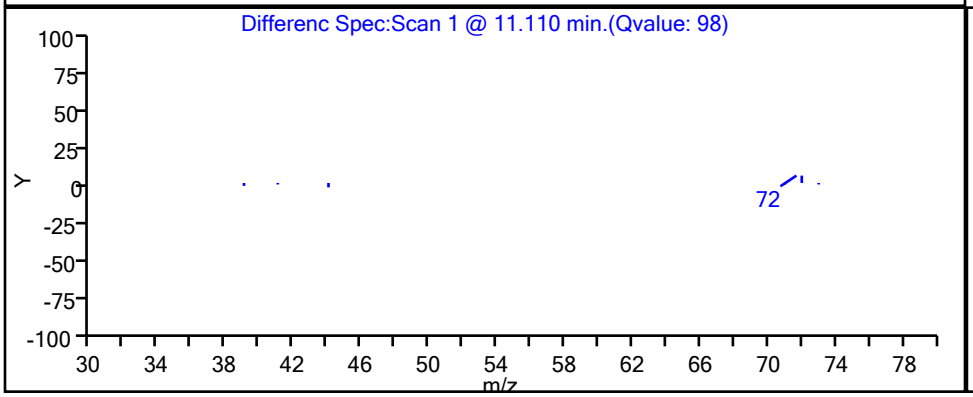


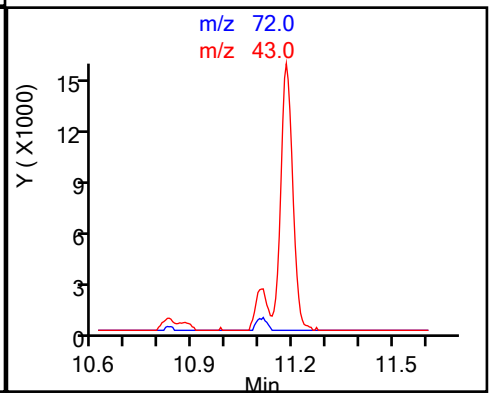












Eurofins TestAmerica, Burlington

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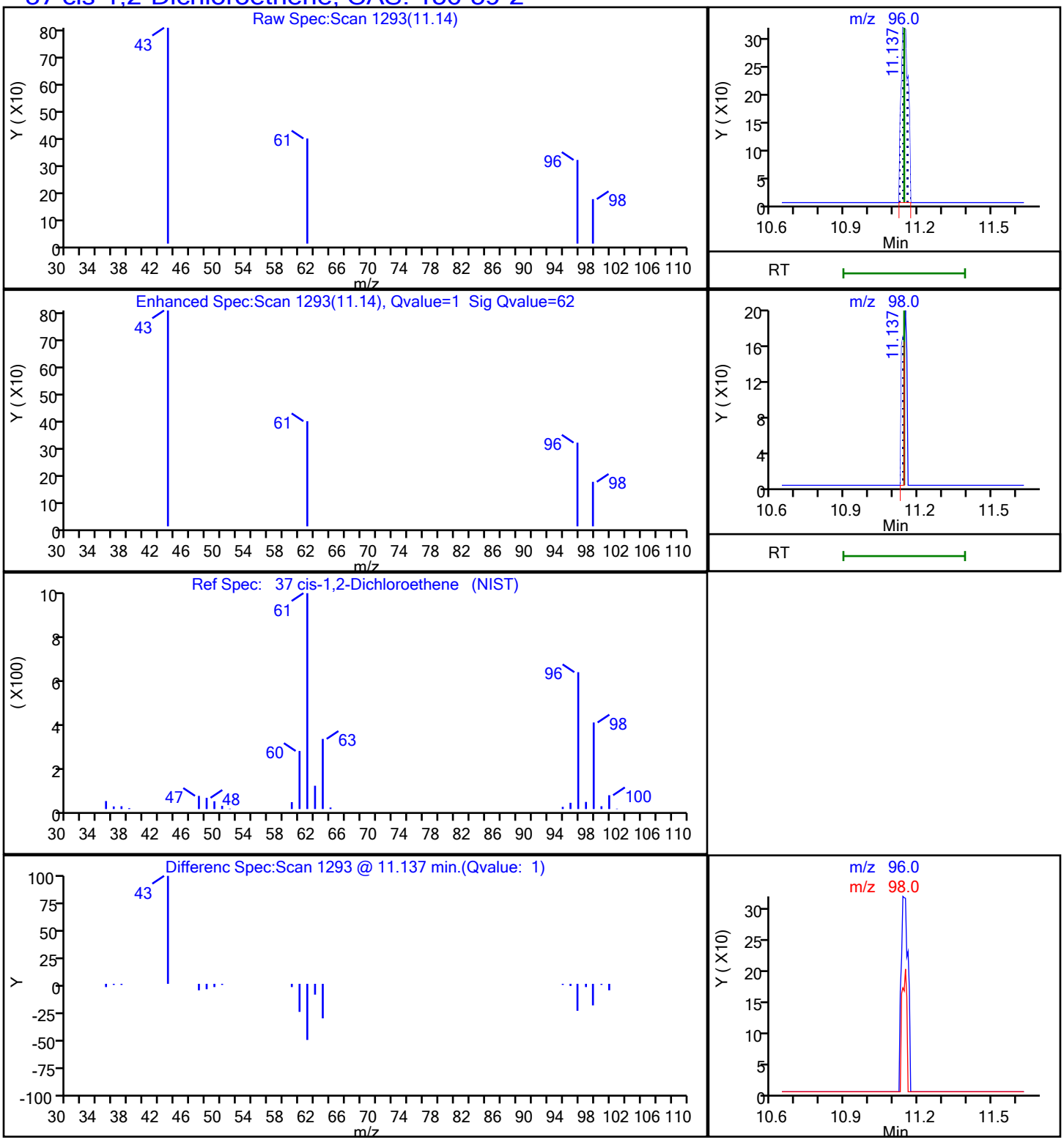
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

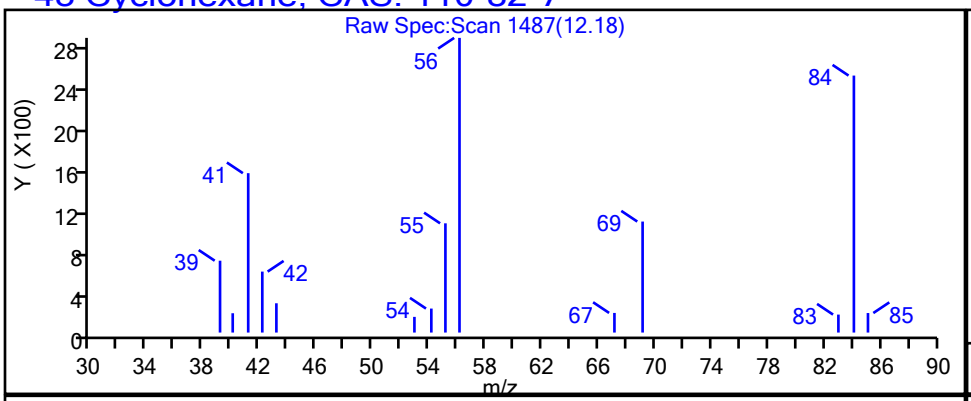
37 cis-1,2-Dichloroethene, CAS: 156-59-2

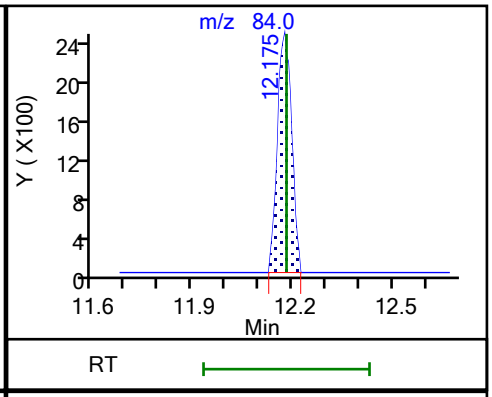


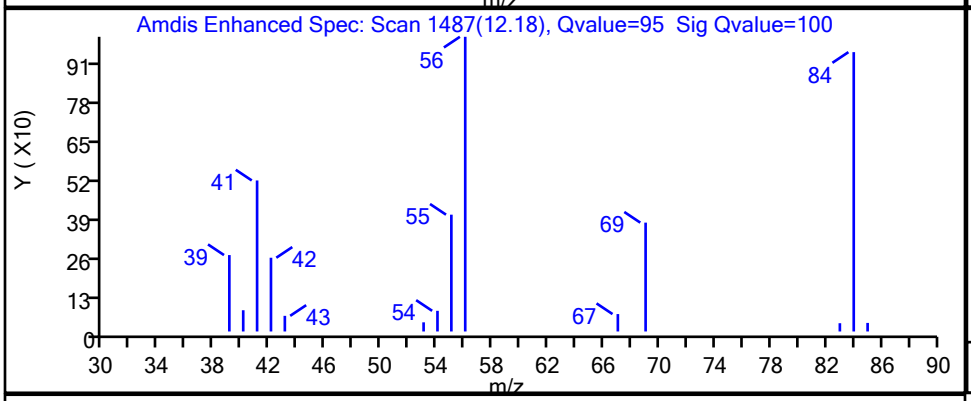
Eurofins TestAmerica, Burlington

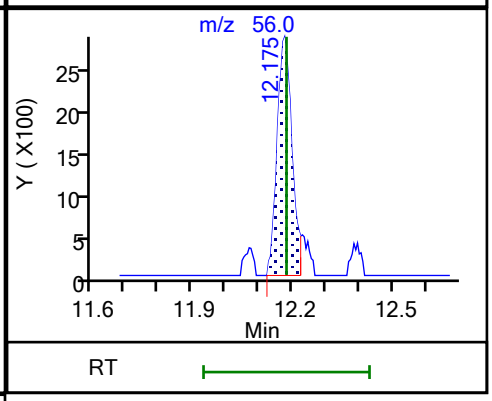
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

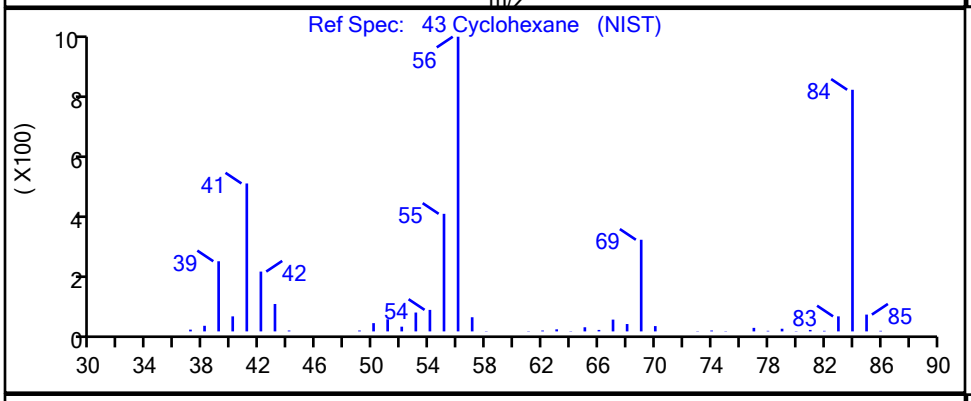
43 Cyclohexane, CAS: 110-82-7

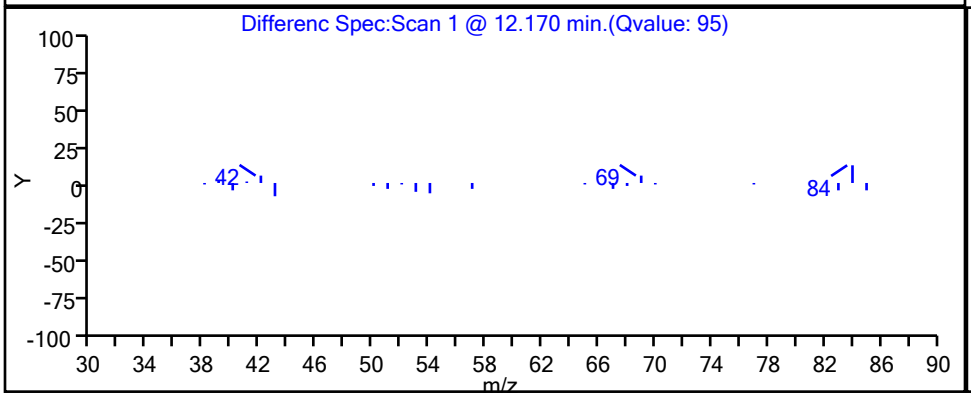


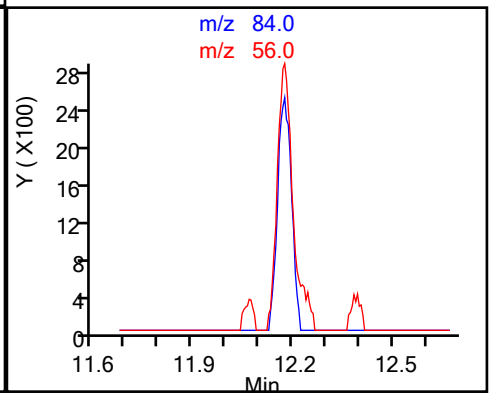












Report Date: 03-May-2021 11:25:09 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

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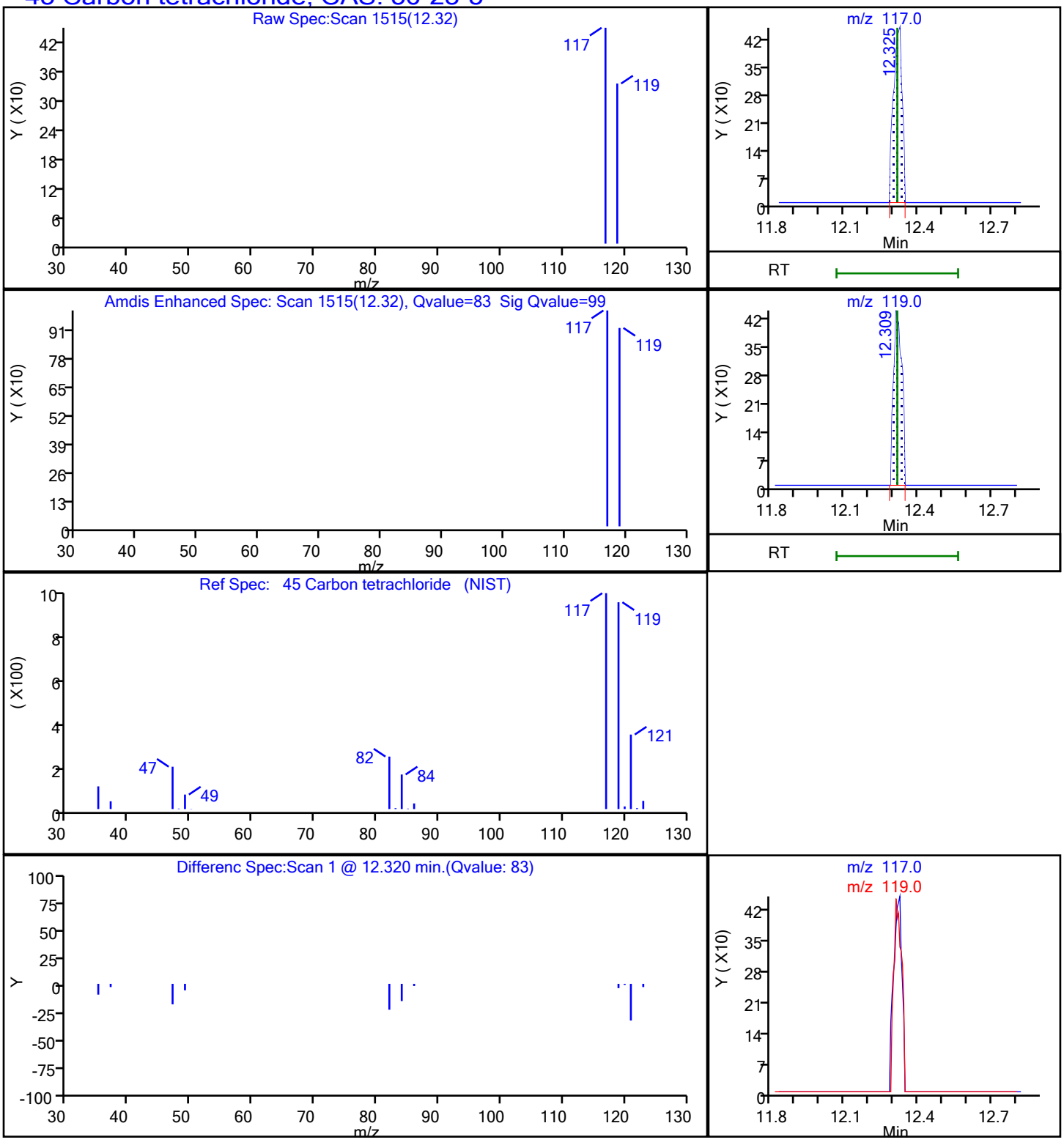
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Carbon tetrachloride, CAS: 56-23-5



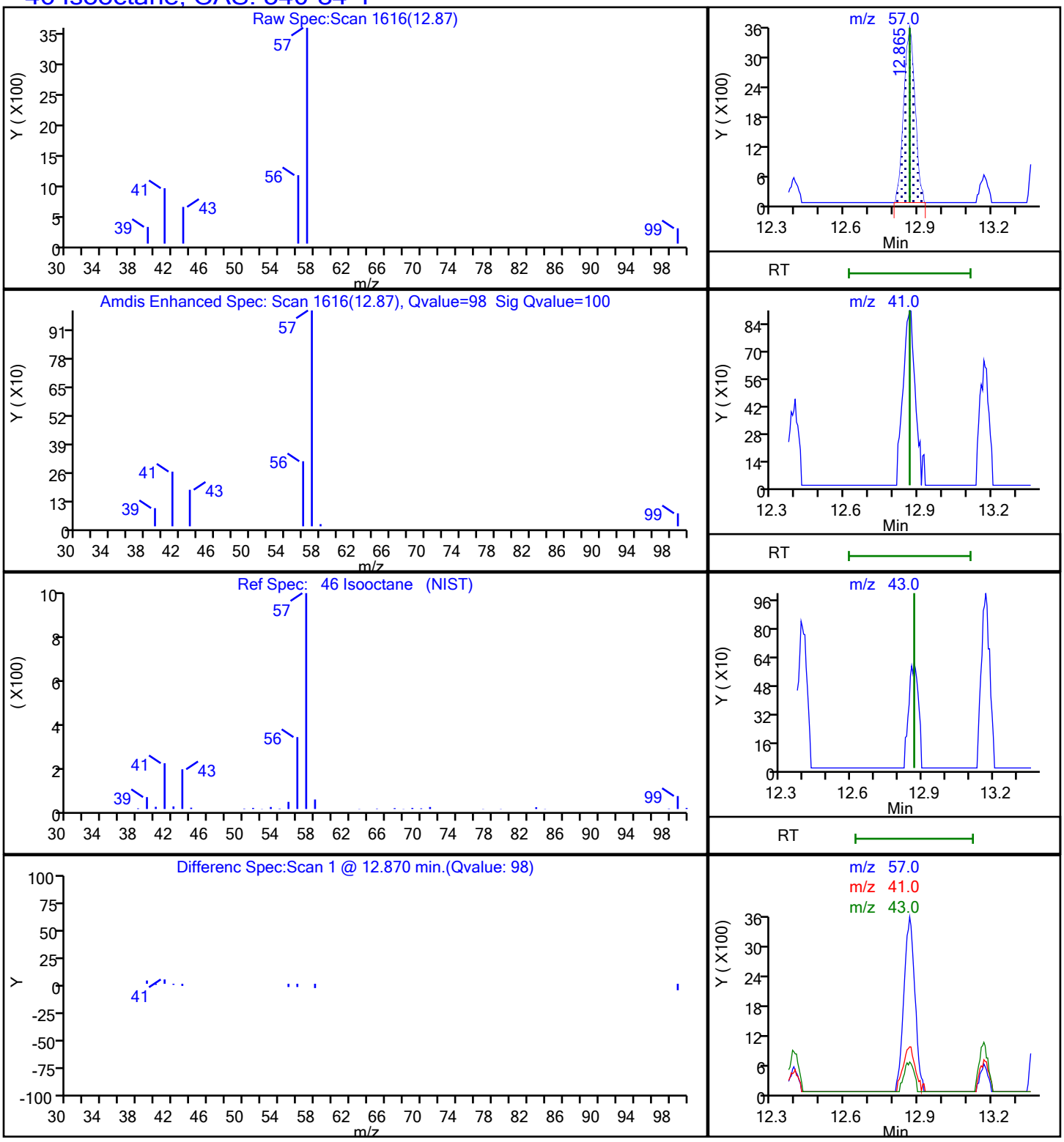
Report Date: 03-May-2021 11:25:09 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D

Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Isooctane, CAS: 540-84-1



Eurofins TestAmerica, Burlington

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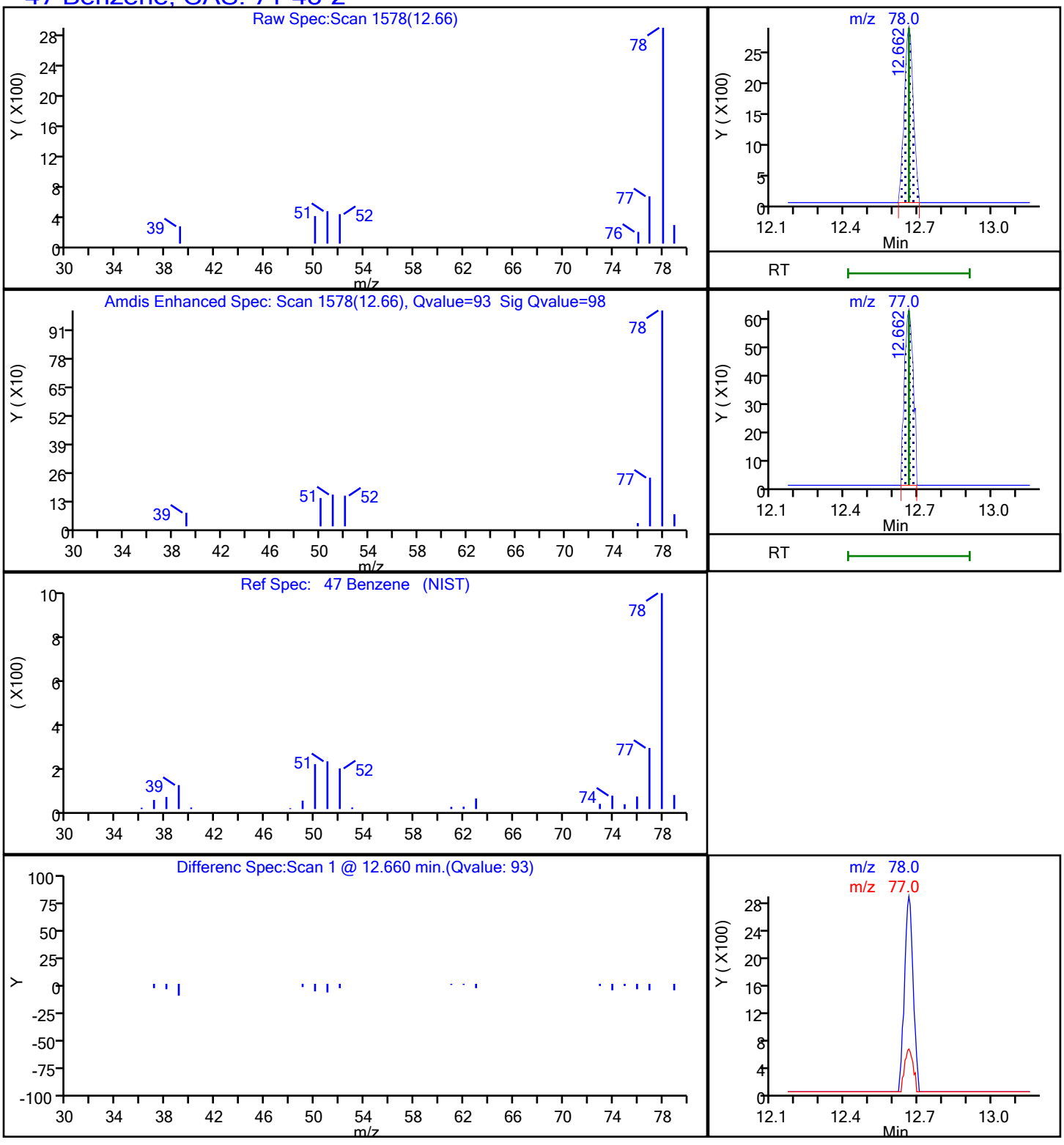
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2



Eurofins TestAmerica, Burlington

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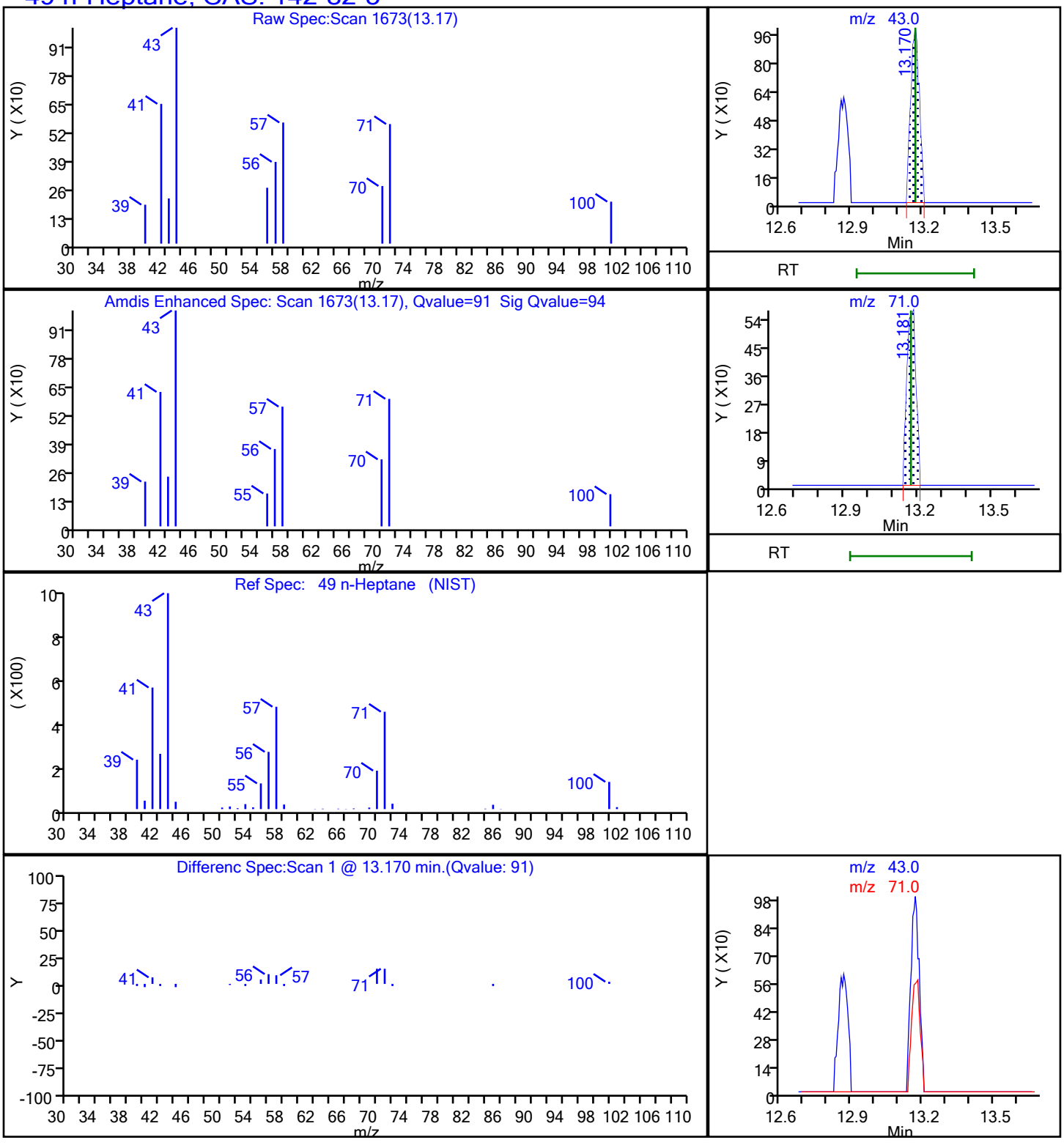
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

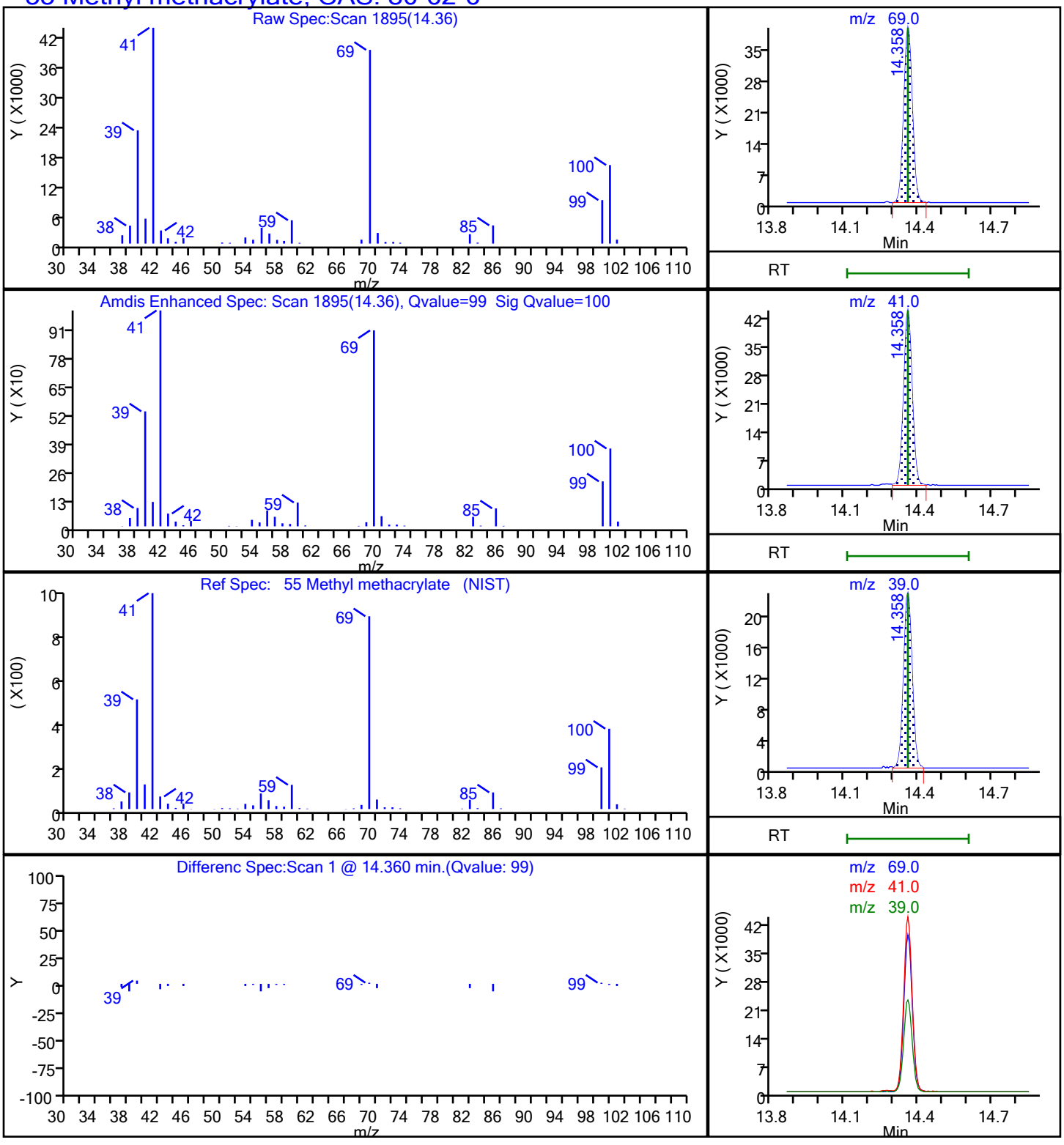
49 n-Heptane, CAS: 142-82-5



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

55 Methyl methacrylate, CAS: 80-62-6

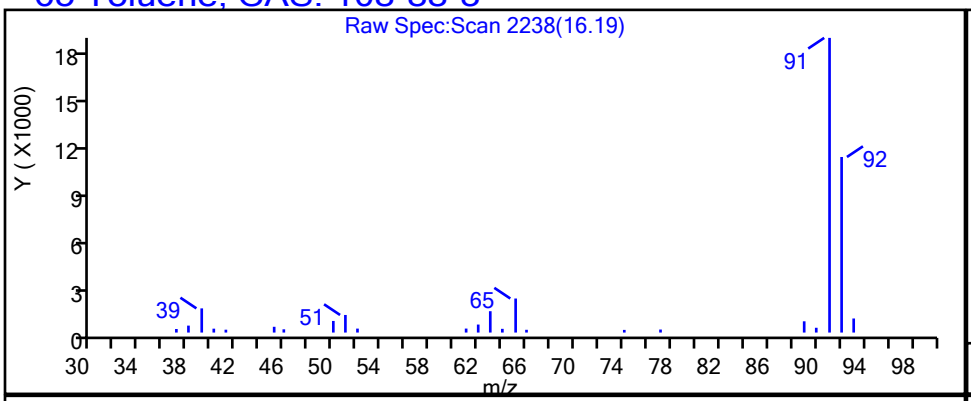


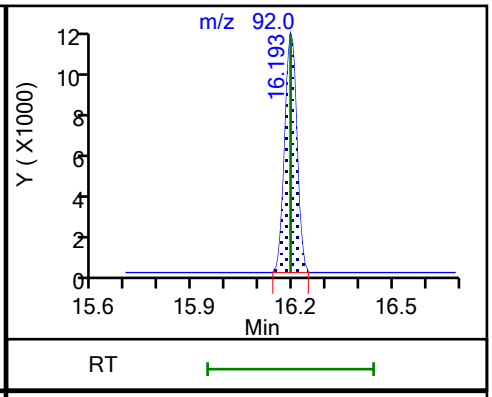
Report Date: 03-May-2021 11:25:10 Chrom Revision: 2.3 08-Apr-2021 17:17:48

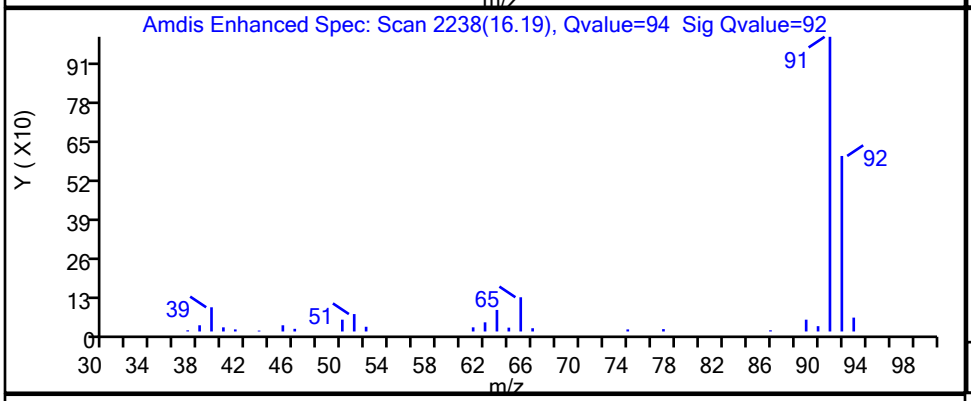
Eurofins TestAmerica, Burlington

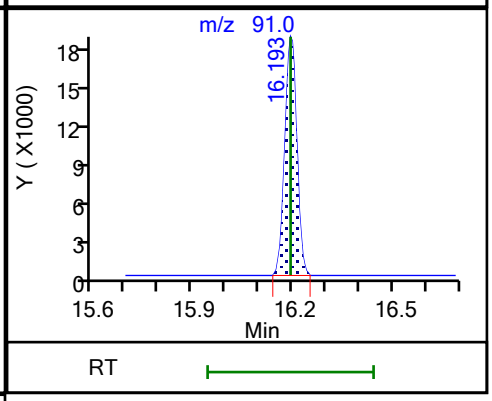
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

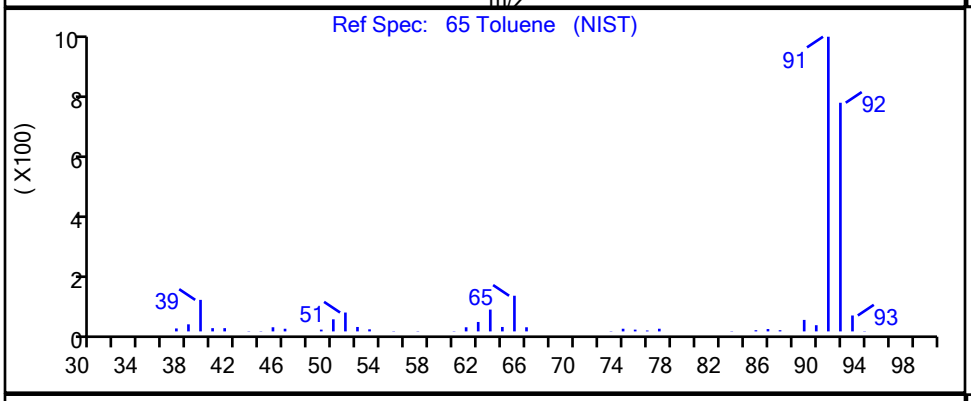
65 Toluene, CAS: 108-88-3

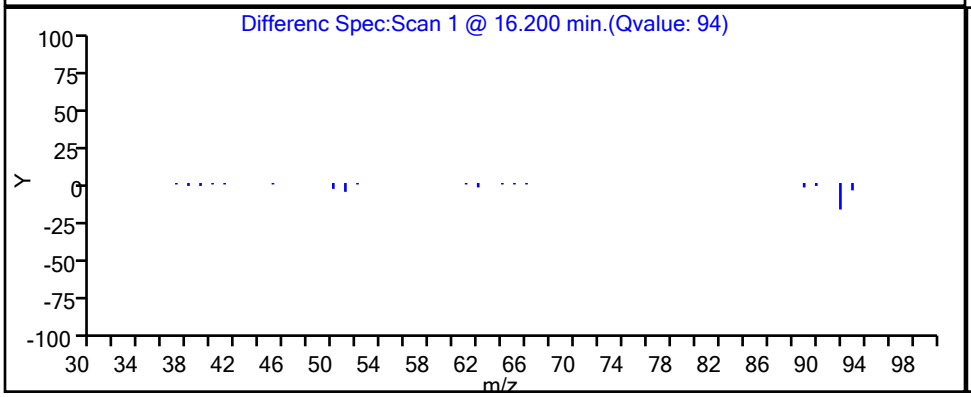


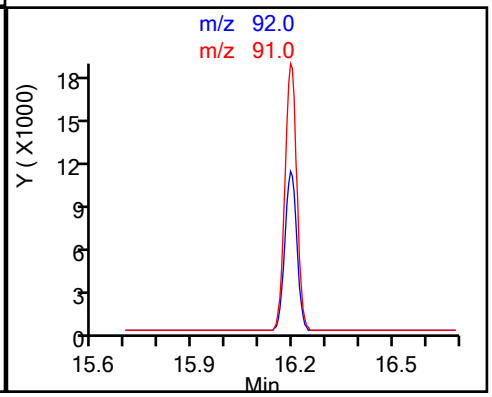








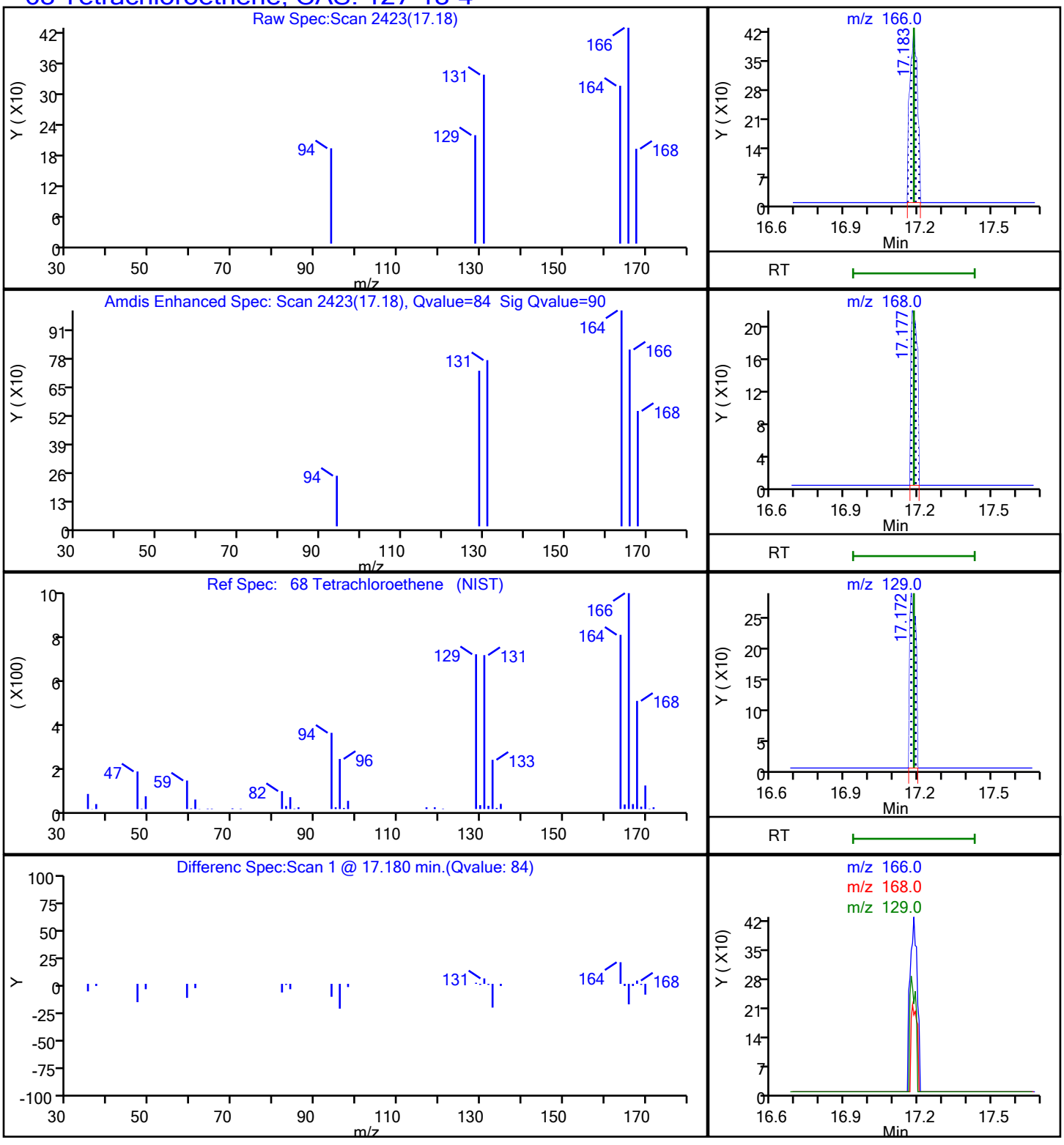




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4

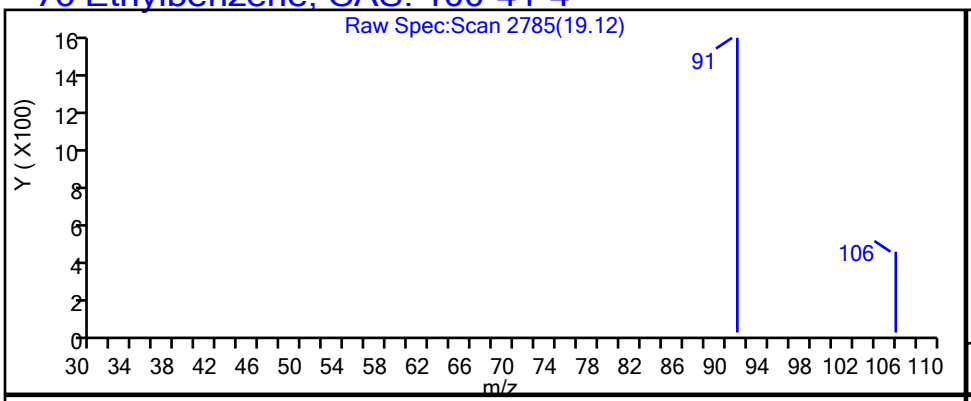


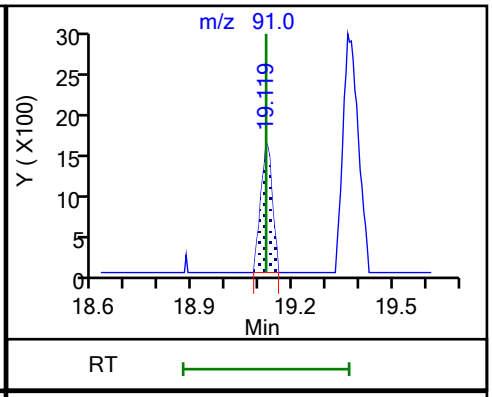
Report Date: 03-May-2021 11:25:10 Chrom Revision: 2.3 08-Apr-2021 17:17:48

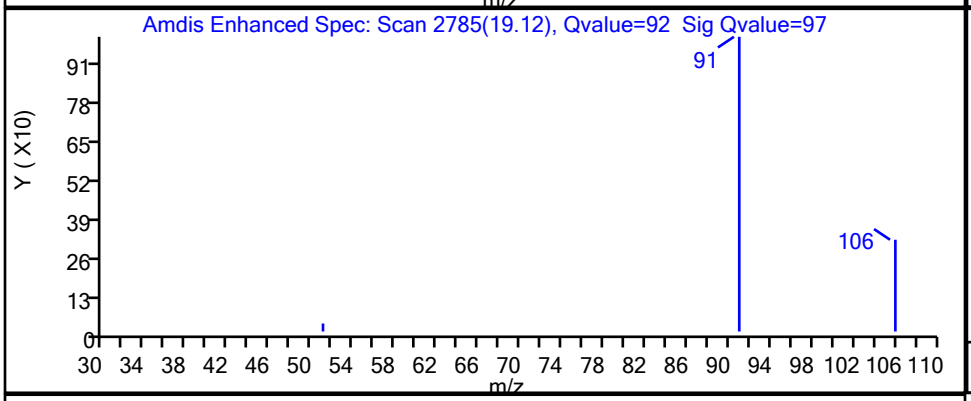
Eurofins TestAmerica, Burlington

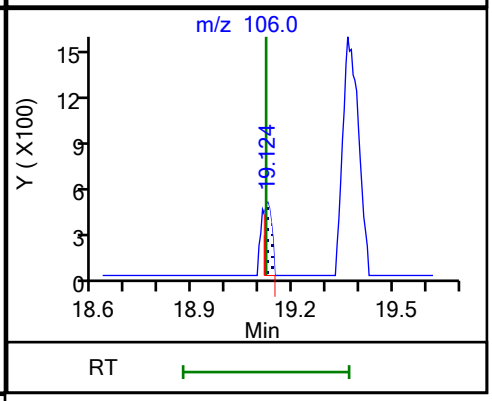
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

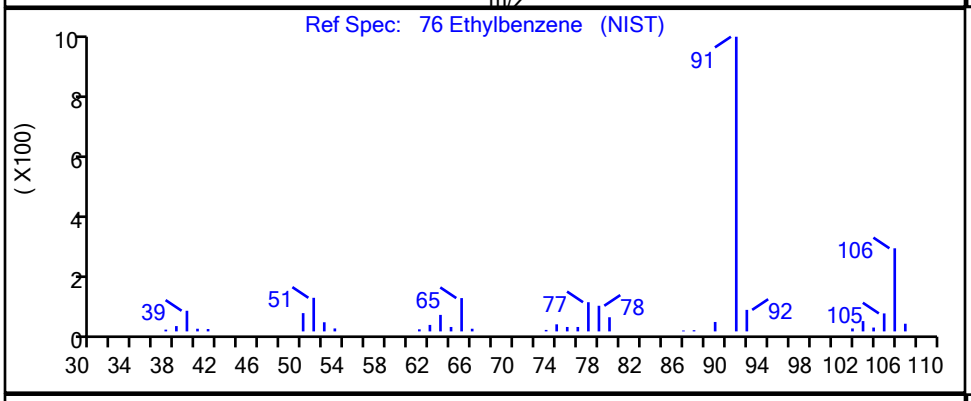
76 Ethylbenzene, CAS: 100-41-4

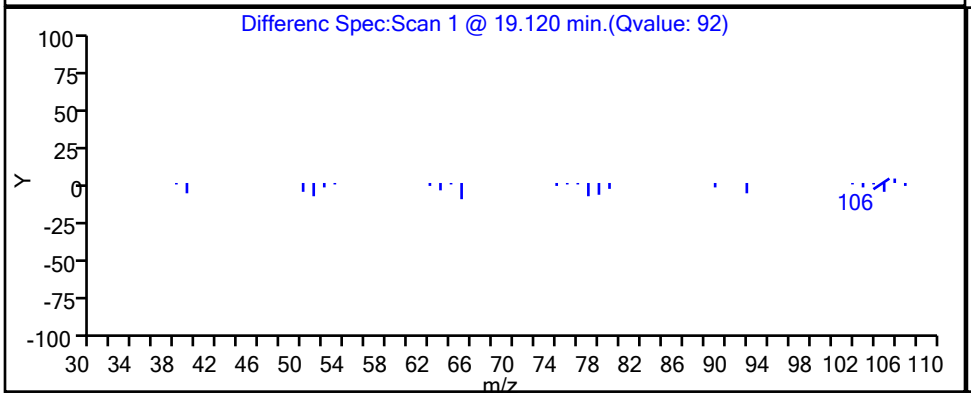


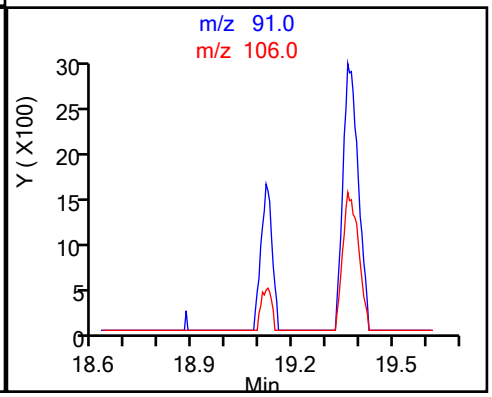








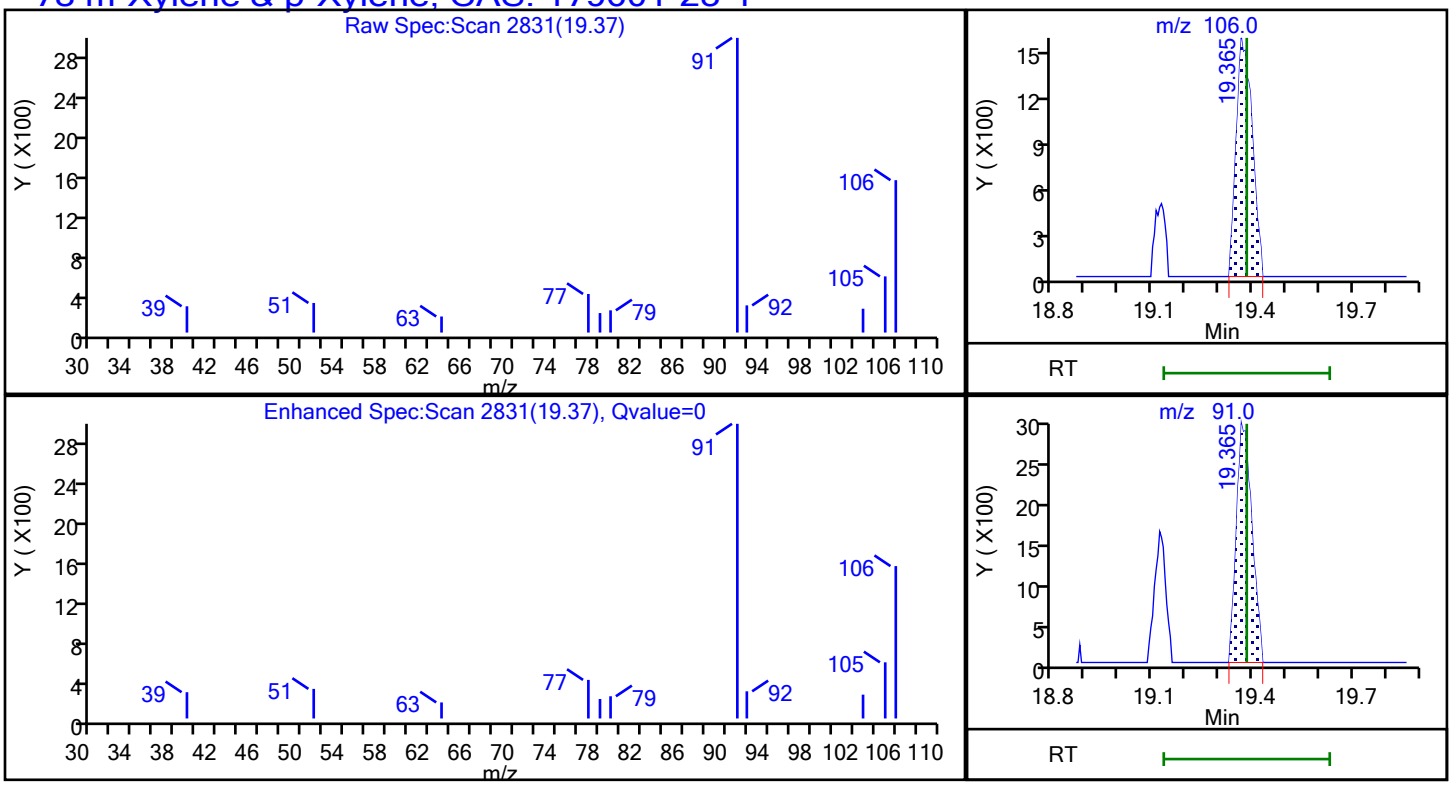


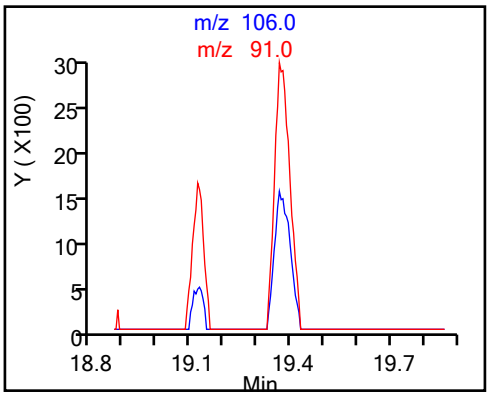


Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 m-Xylene & p-Xylene, CAS: 179601-23-1

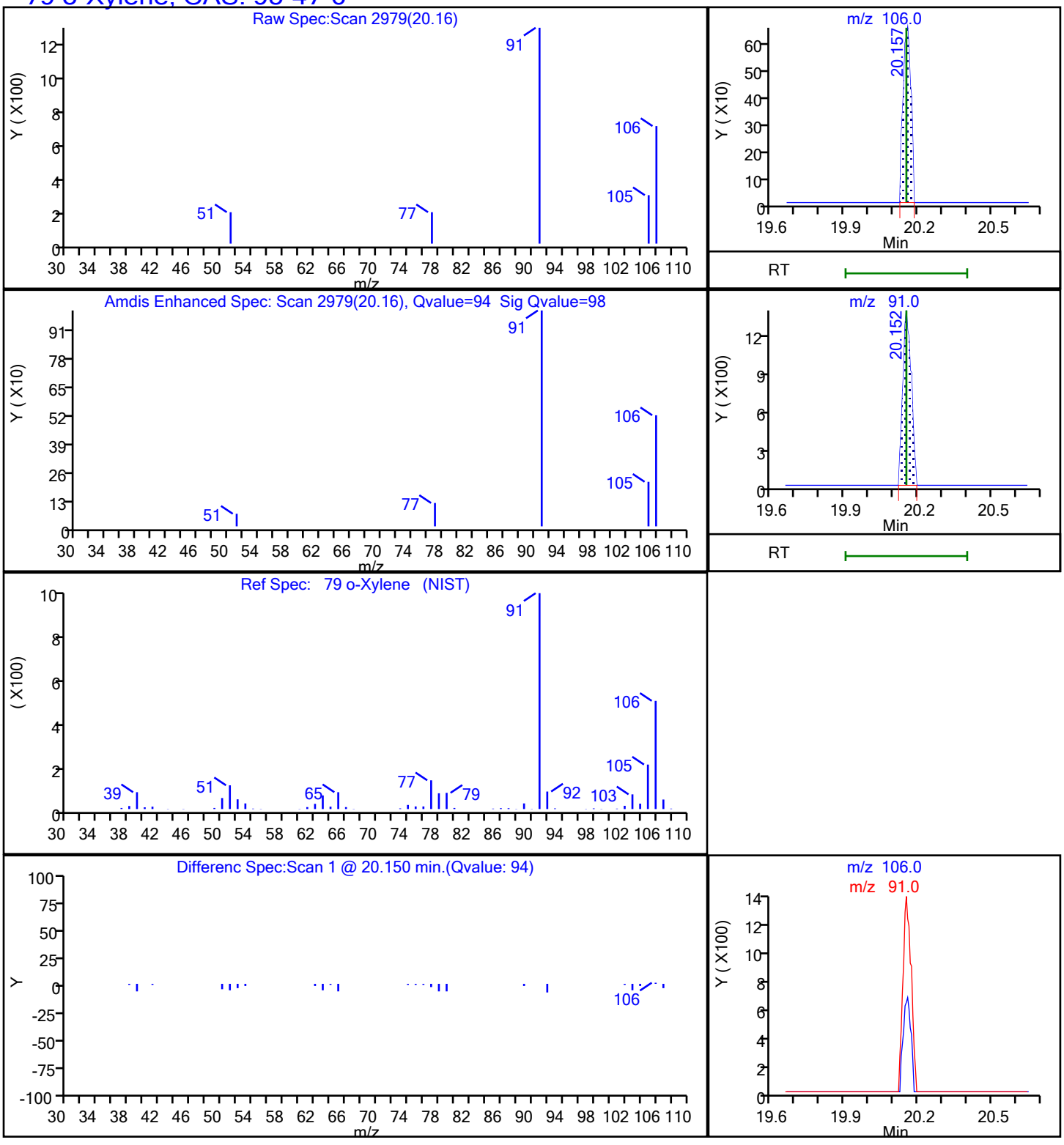




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 o-Xylene, CAS: 95-47-6

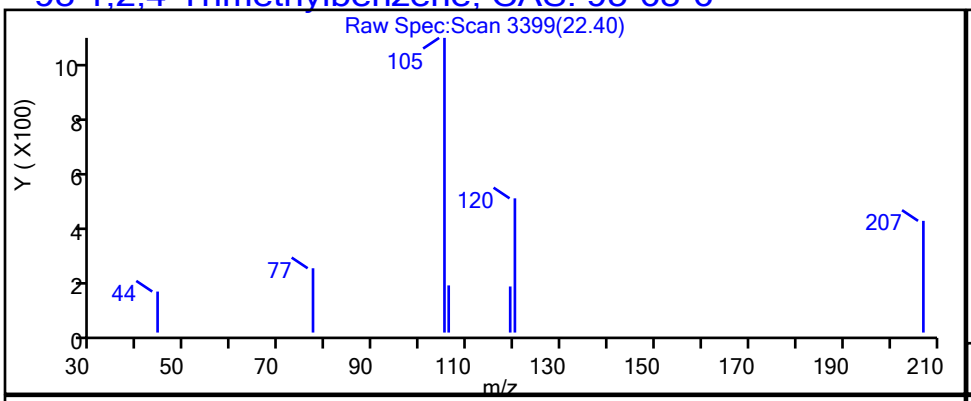


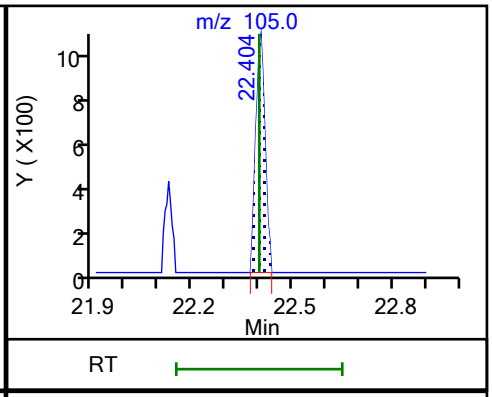
Report Date: 03-May-2021 11:25:10 Chrom Revision: 2.3 08-Apr-2021 17:17:48

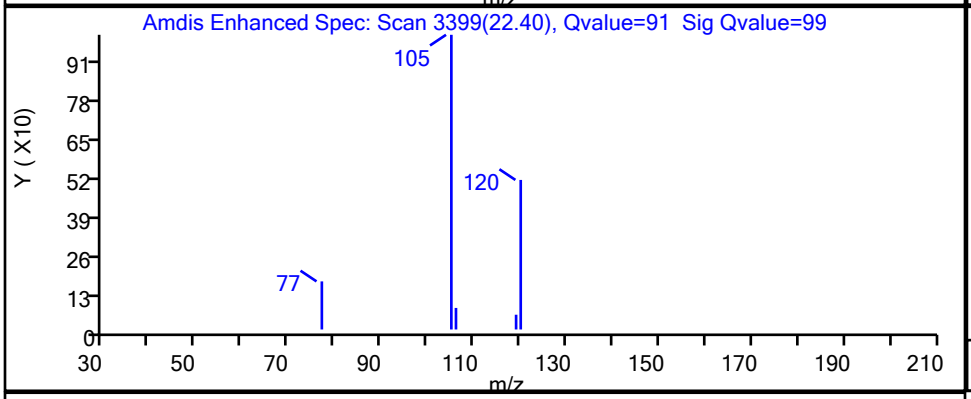
Eurofins TestAmerica, Burlington

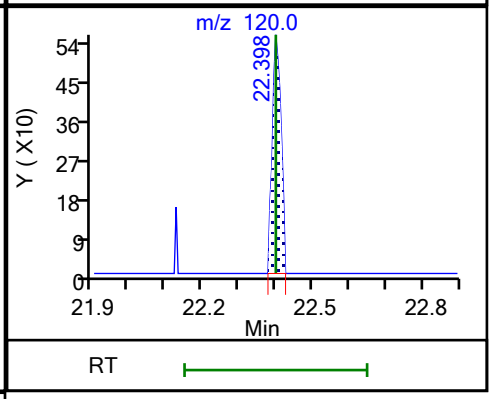
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

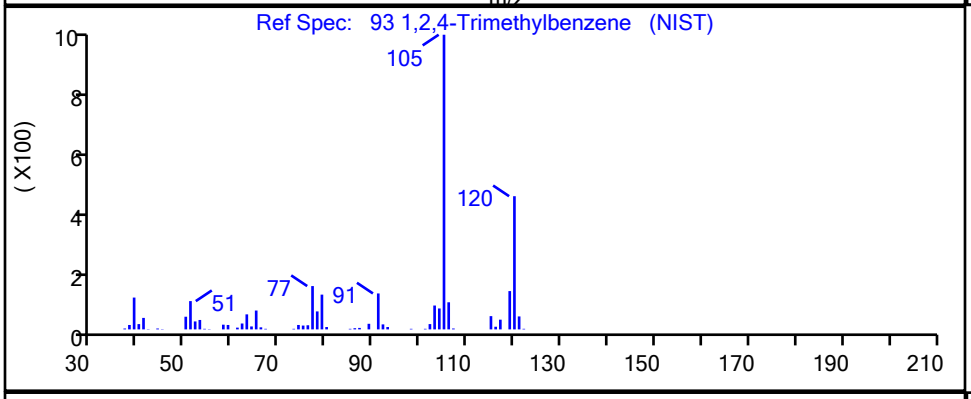
93 1,2,4-Trimethylbenzene, CAS: 95-63-6

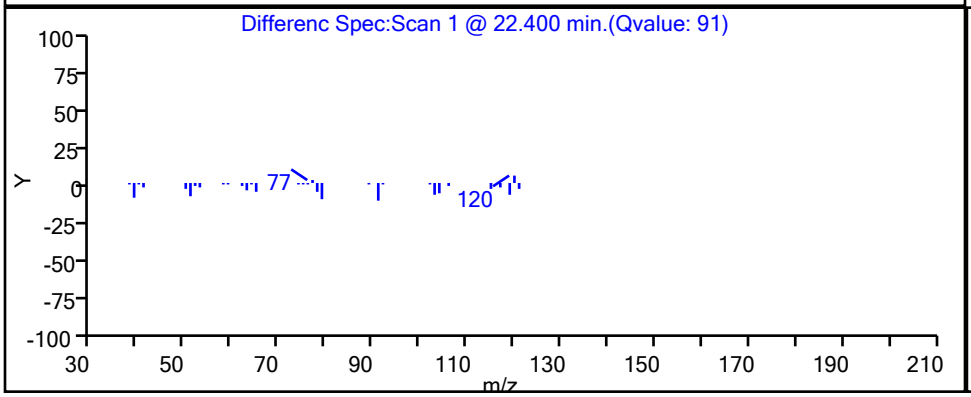


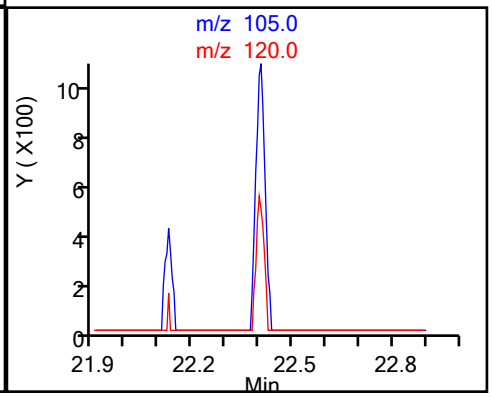












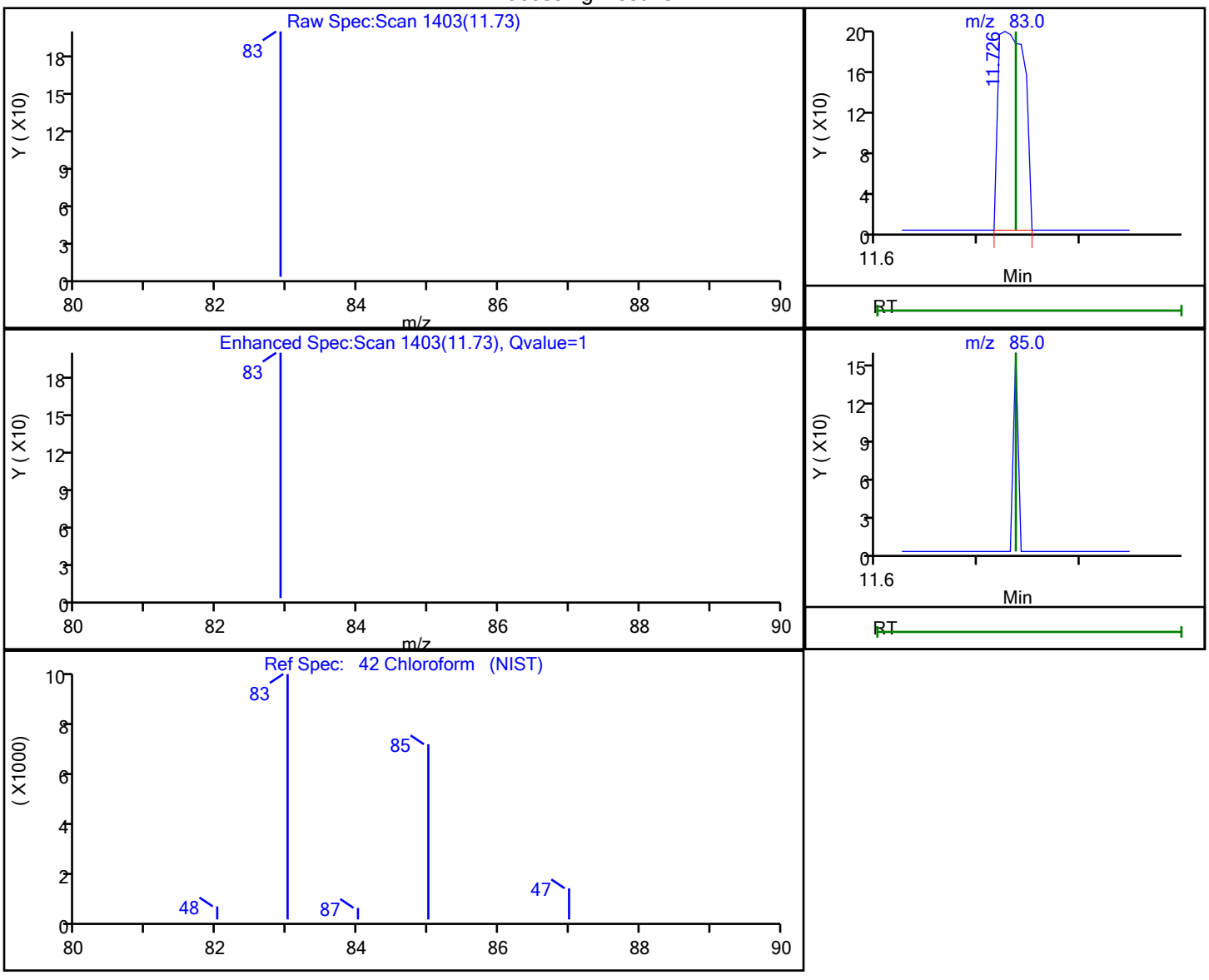
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
11.73	83.00	359	0.027858
11.74	85.00	0	

Reviewer: bunmaa, 03-May-2021 11:23:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

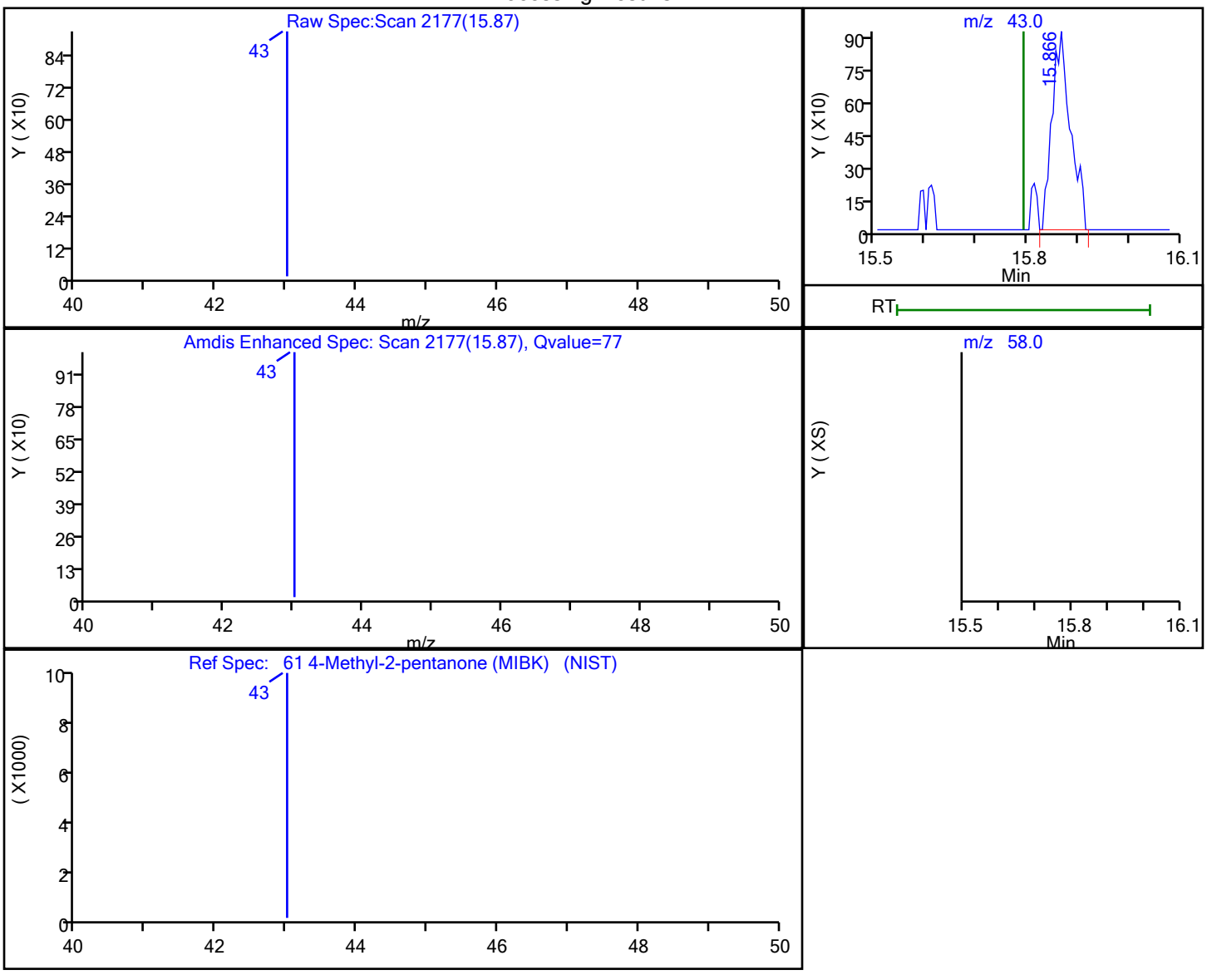
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
15.87	43.00	2350	0.198278
15.79	58.00	0	

Reviewer: bunmaa, 03-May-2021 11:23:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

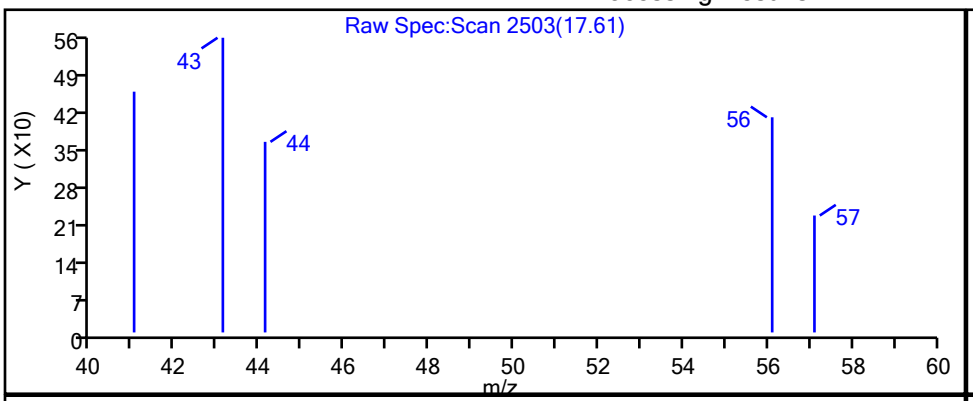
User Disabled Compound Report

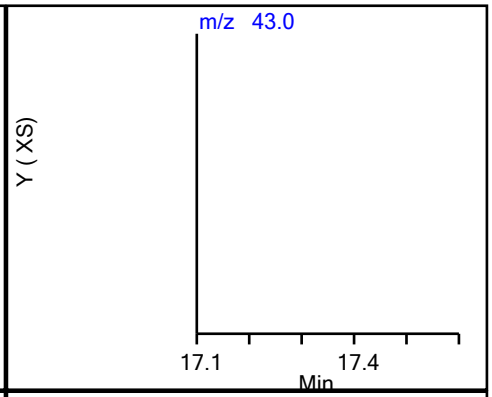
Eurofins TestAmerica, Burlington

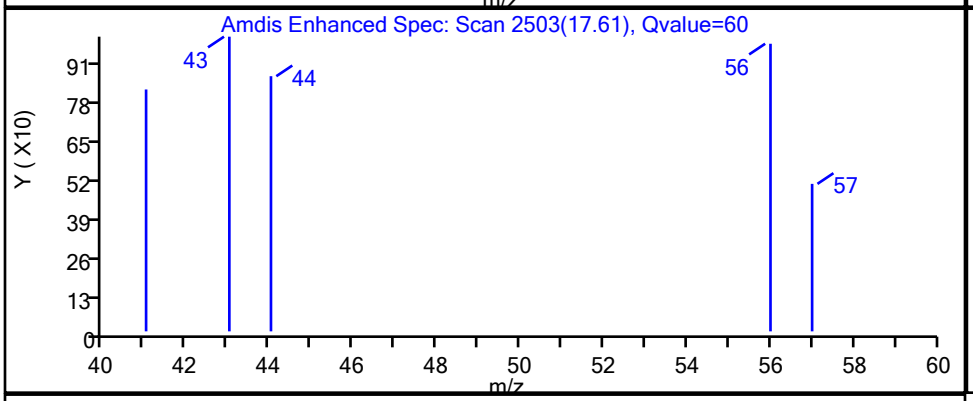
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

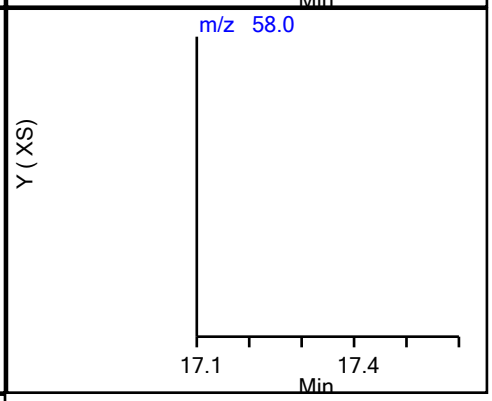
69 2-Hexanone, CAS: 591-78-6

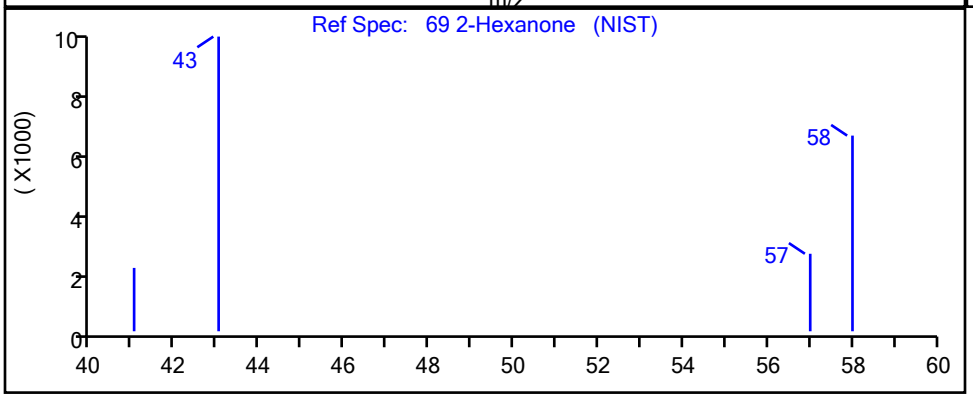
Processing Results











RT	Mass	Response	Amount
17.61	43.00	1075	0.100588
17.37	58.00	0	

Reviewer: bunmaa, 03-May-2021 11:24:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

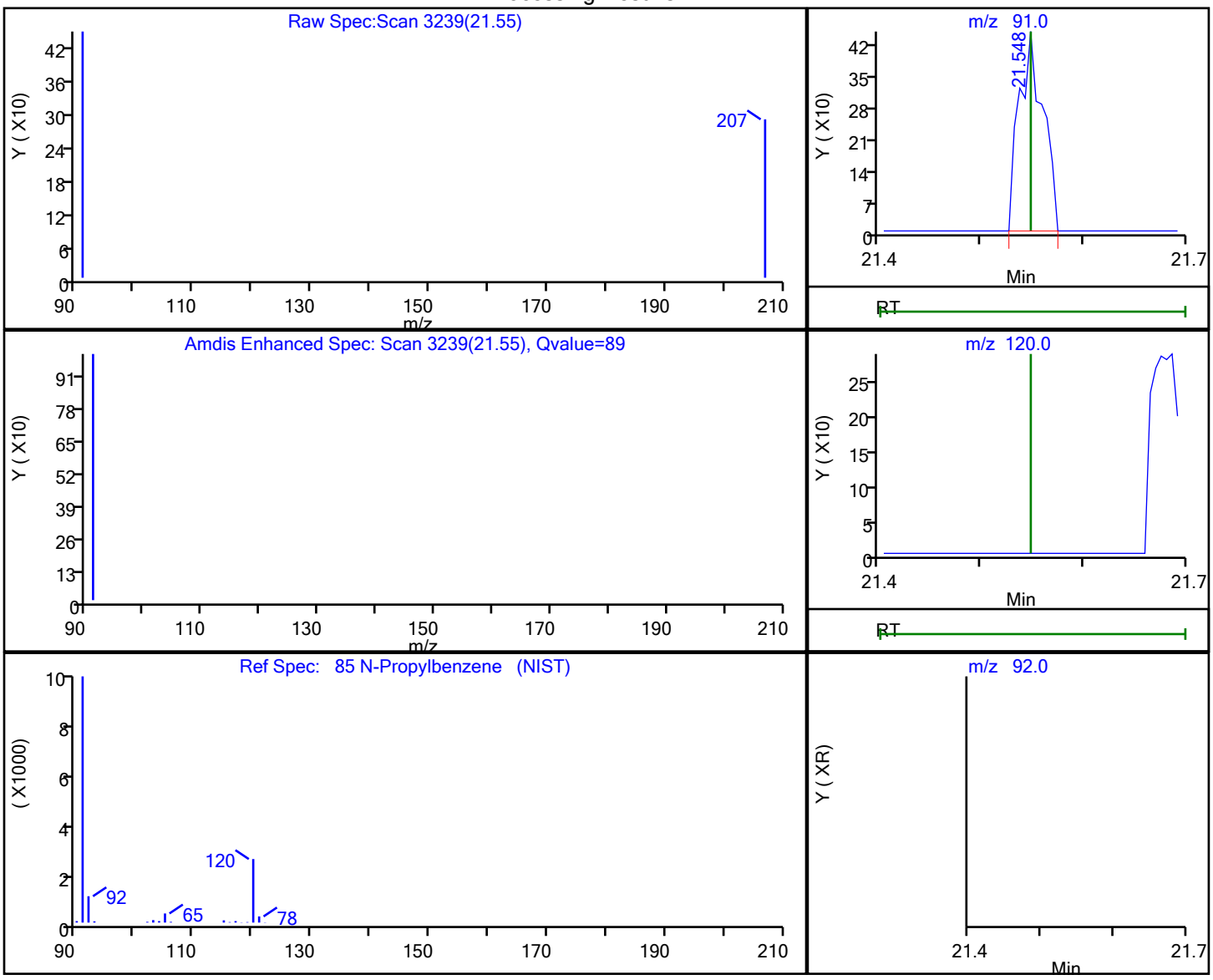
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
21.55	91.00	725	0.022359
21.55	120.00	0	
21.55	92.00	0	

Reviewer: bunmaa, 03-May-2021 11:24:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

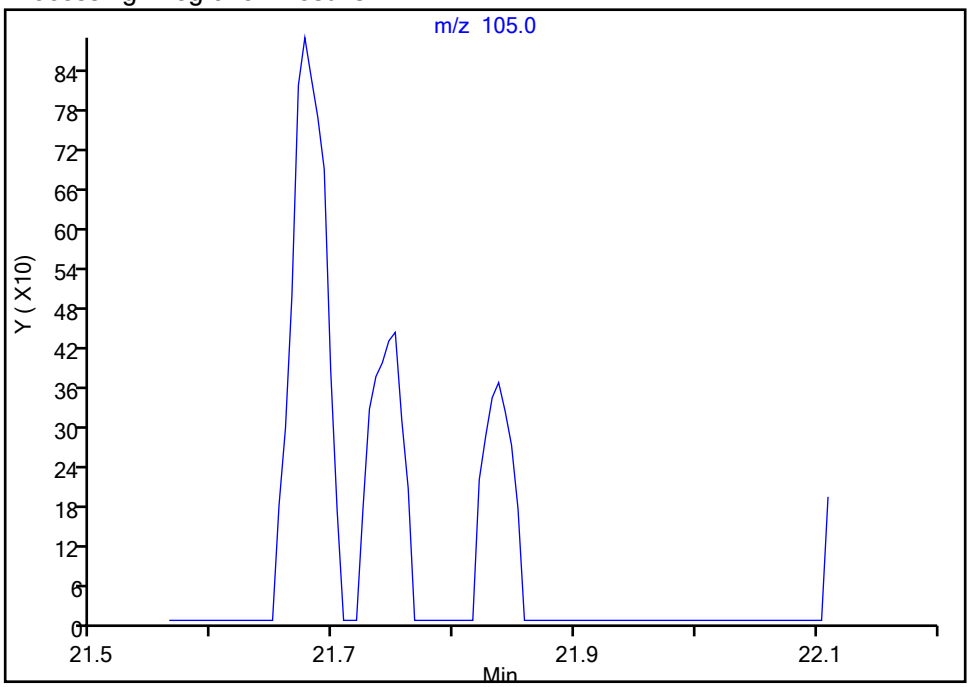
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-18.D				
Injection Date:	30-Apr-2021 22:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-1	Lab Sample ID:	200-58258-1		
Client ID:	AA-01_20210428				
Operator ID:	ggg	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

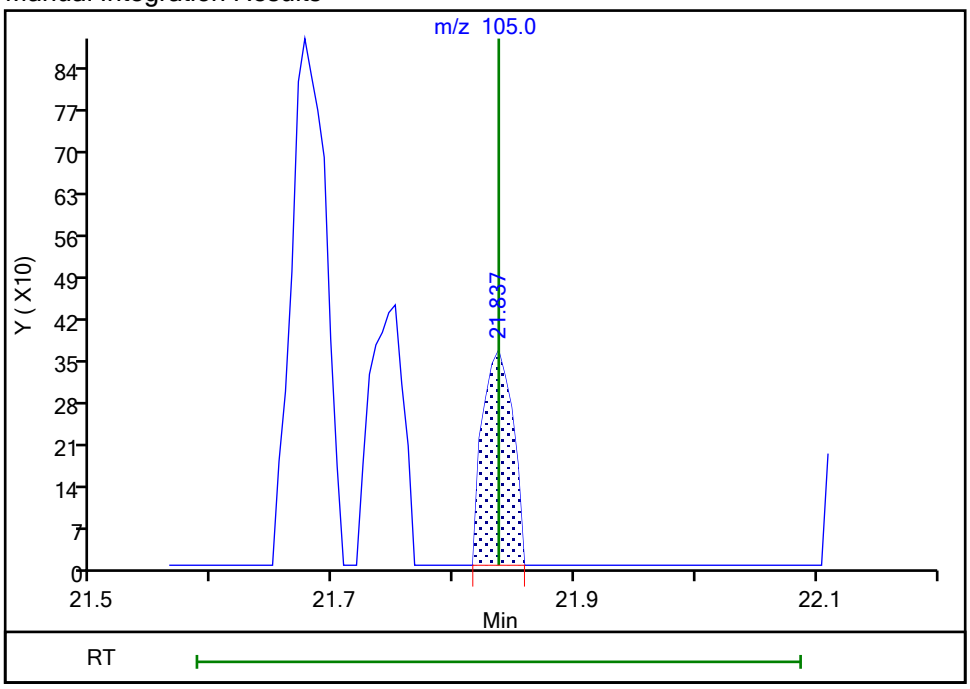
Not Detected
Expected RT: 21.84

Processing Integration Results



Manual Integration Results

RT: 21.84
Area: 623
Amount: 0.025257
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:24:42
Audit Action: Assigned Compound ID Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-01_20210428 Lab Sample ID: 200-58258-2

Matrix: Air Lab File ID: 45779-19.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:52

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 23:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.3	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.2	J	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.25
106-97-8	n-Butane	58.12	89		1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	9.0		0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	1.7		1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.63	J	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.11
67-64-1	Acetone	58.08	58		12	4.8
67-63-0	Isopropyl alcohol	60.10	3.7	J	12	2.4
75-15-0	Carbon disulfide	76.14	10		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	27		0.70	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	*Methyl Ethyl Ketone (2-Butanone)*	*72.11*	*240*	*E*	*1.5*	*0.50*
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.39	J	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	5.5		0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.45		0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	3.7		0.93	0.16
71-43-2	Benzene	78.11	11		0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-01_20210428 Lab Sample ID: 200-58258-2

Matrix: Air Lab File ID: 45779-19.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:52

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 23:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	25		0.82	0.24
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	3.3		2.0	0.78
108-88-3	Toluene	92.14	18		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	0.50	J	1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	24		2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	8.5		0.87	0.43
179601-23-1	m,p-Xylene	106.17	34		2.2	0.74
95-47-6	o-Xylene	106.17	13		0.87	0.41
100-42-5	Styrene	104.15	1.3		0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	3.9		0.98	0.23
622-96-8	4-Ethyltoluene	120.20	4.6		0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	7.4		0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	20		0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.5		1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	2.4		1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-01_20210428 Lab Sample ID: 200-58258-2

Matrix: Air Lab File ID: 45779-19.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:52

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 23:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1		1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	0.94	J	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-01_20210428 Lab Sample ID: 200-58258-2

Matrix: Air Lab File ID: 45779-19.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:52

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 23:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.46	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.33	J	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.12
106-97-8	n-Butane	58.12	38		0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	4.1		0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.31		0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.083	J	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.029
67-64-1	Acetone	58.08	24		5.0	2.0
67-63-0	Isopropyl alcohol	60.10	1.5	J	5.0	0.98
75-15-0	Carbon disulfide	76.14	3.3		0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.088
110-54-3	n-Hexane	86.17	7.6		0.20	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	*Methyl Ethyl Ketone (2-Butanone)*	*72.11*	*80*	*E*	*0.50*	*0.17*
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.079	J	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	1.6		0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.072		0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.80		0.20	0.035
71-43-2	Benzene	78.11	3.6		0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-01_20210428 Lab Sample ID: 200-58258-2

Matrix: Air Lab File ID: 45779-19.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:52

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 23:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	6.1		0.20	0.059
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.79		0.50	0.19
108-88-3	Toluene	92.14	4.7		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.074	J	0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.8		0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	2.0		0.20	0.10
179601-23-1	m,p-Xylene	106.17	7.8		0.50	0.17
95-47-6	o-Xylene	106.17	3.1		0.20	0.094
100-42-5	Styrene	104.15	0.31		0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.80		0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.94		0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	1.5		0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	4.1		0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.28		0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.44		0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-01_20210428 Lab Sample ID: 200-58258-2

Matrix: Air Lab File ID: 45779-19.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:52

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 23:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.21		0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.18	J	0.50	0.17

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D
Lims ID: 200-58258-A-2
Client ID: SV-01_20210428
Sample Type: Client
Inject. Date: 30-Apr-2021 23:36:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045779-019
Misc. Info.: 58258-2
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 03-May-2021 11:33:23 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: bunmaa Date: 03-May-2021 11:33:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.434	4.429	0.005	99	9778	0.4586	
3 Chlorodifluoromethane	51	4.472	4.472	0.000	96	4233	0.3265	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.787				ND	
5 Chloromethane	50		4.910				ND	MU
6 Butane	43	5.226	5.226	0.000	98	404081	37.5	
7 Vinyl chloride	62		5.226				ND	
8 Butadiene	54	5.338	5.336	0.000	95	23476	4.06	
10 Bromomethane	94		6.055				ND	
11 Chloroethane	64		6.323				ND	
13 Vinyl bromide	106		6.740				ND	
14 Trichlorofluoromethane	101	6.900	6.900	0.000	96	5344	0.3084	
21 1,1-Dichloroethene	96		7.960				ND	
20 112TCTFE	101	7.997	7.992	0.005	42	1176	0.0829	
22 Acetone	43	8.013	8.009	0.000	97	232882	24.5	
24 Isopropyl alcohol	45	8.297	8.286	0.011	99	16644	1.53	
23 Carbon disulfide	76	8.377	8.373	0.000	99	62909	3.32	
25 3-Chloro-1-propene	41		8.655				ND	U
27 Methylene Chloride	49	8.890	8.890	-0.001	61	899	0.1471	
28 2-Methyl-2-propanol	59		9.046				ND	U
29 Methyl tert-butyl ether	73		9.367				ND	
31 trans-1,2-Dichloroethene	61		9.388				ND	
33 Hexane	57	9.885	9.880	0.005	92	69615	7.62	
34 1,1-Dichloroethane	63		10.153				ND	
38 2-Butanone (MEK)	72	11.100	11.094	0.005	99	265951	79.9	E
37 cis-1,2-Dichloroethene	96		11.143				ND	
* 40 Chlorobromomethane	128	11.565	11.565	0.000	81	56906	10.0	
41 Tetrahydrofuran	42		11.581				ND	MU
42 Chloroform	83	11.731	11.736	-0.006	3	1082	0.0791	
44 1,1,1-Trichloroethane	97		12.036				ND	
43 Cyclohexane	84	12.180	12.181	-0.001	96	15046	1.61	
45 Carbon tetrachloride	117	12.320	12.314	0.006	83	1079	0.0722	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
47 Benzene	78	12.667	12.662	0.005	95	76695	3.58	
48 1,2-Dichloroethane	62		12.748				ND	U
46 Isooctane	57	12.865	12.865	0.000	95	24428	0.8009	
49 n-Heptane	43	13.170	13.170	0.000	92	61276	6.11	
* 50 1,4-Difluorobenzene	114	13.400	13.400	0.000	93	288429	10.0	
53 Trichloroethene	95		13.828				ND	
54 1,2-Dichloropropane	63		14.294				ND	
55 Methyl methacrylate	69		14.358				ND	U
56 1,4-Dioxane	88		14.401				ND	
58 Dichlorobromomethane	83		14.759				ND	
60 cis-1,3-Dichloropropene	75		15.556				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.797	15.797	0.005	95	10125	0.7939	M
65 Toluene	92	16.198	16.193	0.005	93	72102	4.70	
66 trans-1,3-Dichloropropene	75		16.610				ND	
67 1,1,2-Trichloroethane	83		16.990				ND	U
68 Tetrachloroethene	166	17.177	17.182	-0.006	89	1067	0.0736	
69 2-Hexanone	43	17.375	17.370	0.005	96	62454	5.83	
71 Chlorodibromomethane	129		17.734				ND	
72 Ethylene Dibromide	107		17.980				ND	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	85	224879	10.0	
75 Chlorobenzene	112		18.937				ND	
76 Ethylbenzene	91	19.119	19.119	0.000	97	59152	1.96	M
78 m-Xylene & p-Xylene	106	19.370	19.381	-0.011	0	93649	7.77	
79 o-Xylene	106	20.157	20.152	0.005	99	33837	3.07	
80 Styrene	104	20.194	20.194	0.000	93	4895	0.3105	M
81 Bromoform	173		20.548				ND	
82 Isopropylbenzene	105		20.836				ND	U
84 1,1,2,2-Tetrachloroethane	83		21.355				ND	U
85 N-Propylbenzene	91	21.553	21.553	0.005	99	25863	0.7959	M
89 2-Chlorotoluene	91		21.698				ND	
88 4-Ethyltoluene	105	21.746	21.746	0.005	99	25437	0.9419	M
90 1,3,5-Trimethylbenzene	105	21.837	21.837	0.000	80	37330	1.51	M
92 tert-Butylbenzene	119		22.313				ND	
93 1,2,4-Trimethylbenzene	105	22.404	22.398	0.005	98	91789	4.13	
94 sec-Butylbenzene	105	22.634	22.634	0.000	98	10583	0.2768	M
96 1,3-Dichlorobenzene	146		22.816				ND	
95 4-Isopropyltoluene	119	22.848	22.848	0.000	97	13181	0.4448	
97 1,4-Dichlorobenzene	146		22.955				ND	
98 Benzyl chloride	91		23.099				ND	
100 n-Butylbenzene	91	23.404	23.404	0.000	53	4232	0.2079	M
101 1,2-Dichlorobenzene	146		23.447				ND	
103 1,2,4-Trichlorobenzene	180		25.903				ND	
104 Hexachlorobutadiene	225		26.138				ND	
105 Naphthalene	128	26.384	26.384	0.000	89	1952	0.1789	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

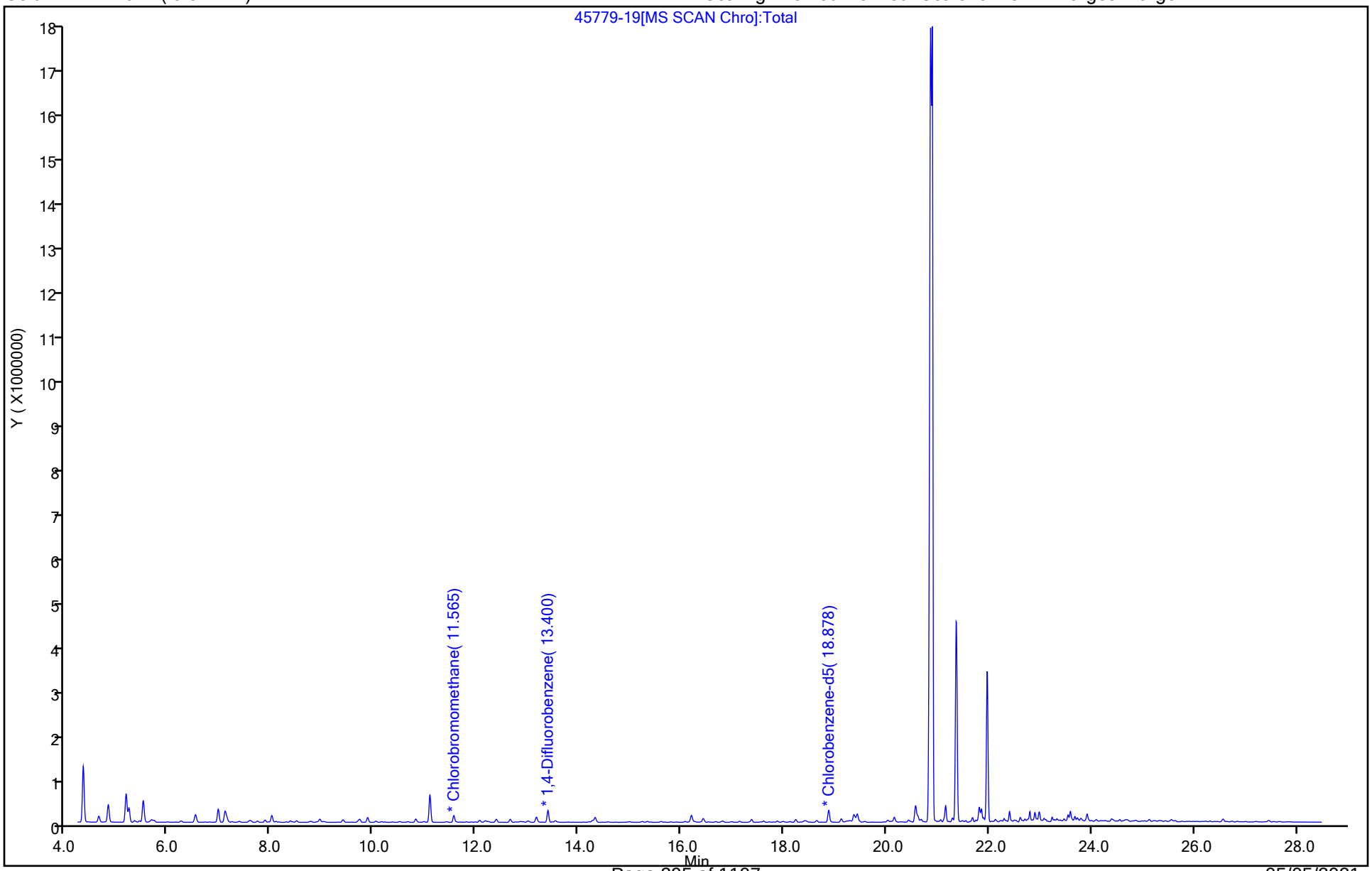
ATTO15XISs_00002 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 03-May-2021 11:33:23 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2	Worklist Smp#:	19
Client ID:	SV-01_20210428				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

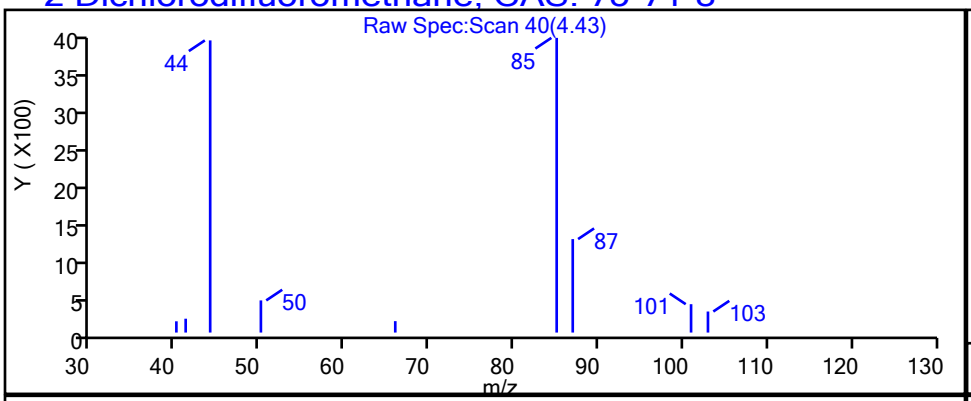
Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

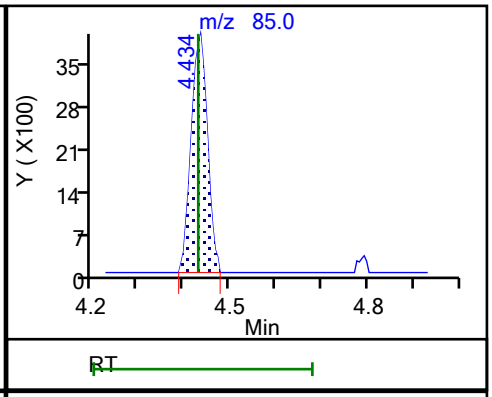


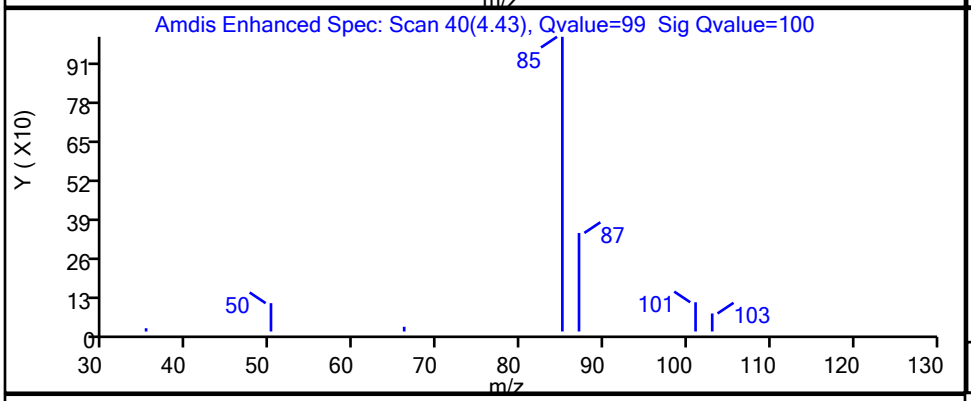
Eurofins TestAmerica, Burlington

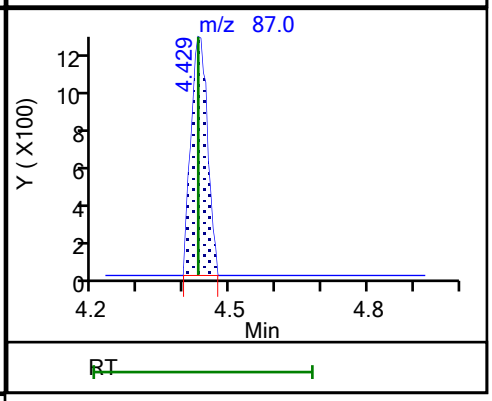
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

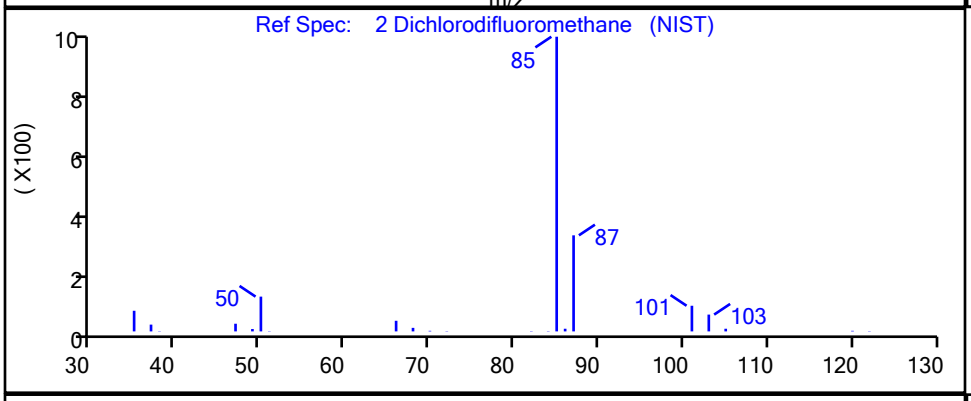
2 Dichlorodifluoromethane, CAS: 75-71-8

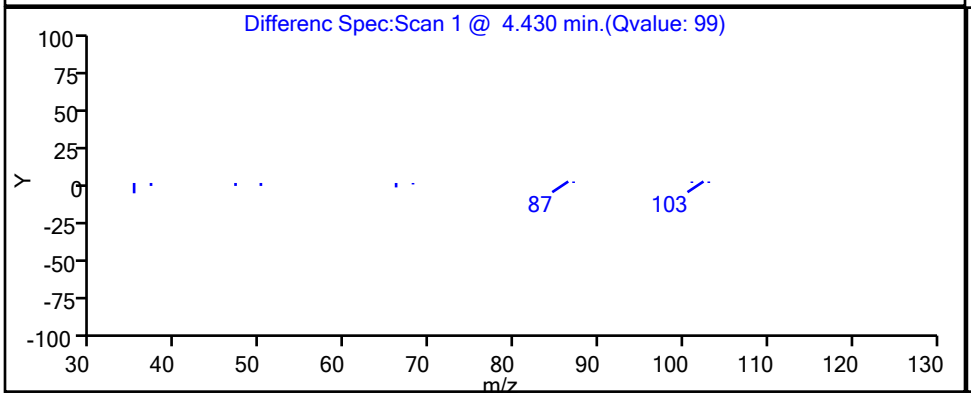


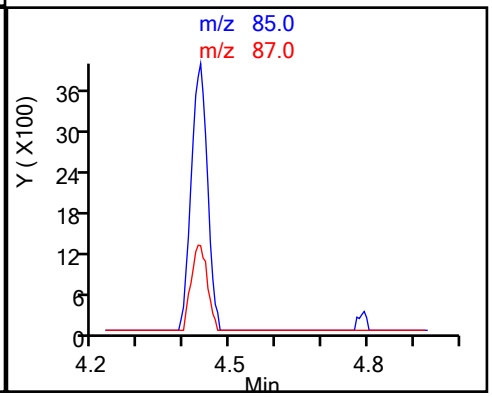








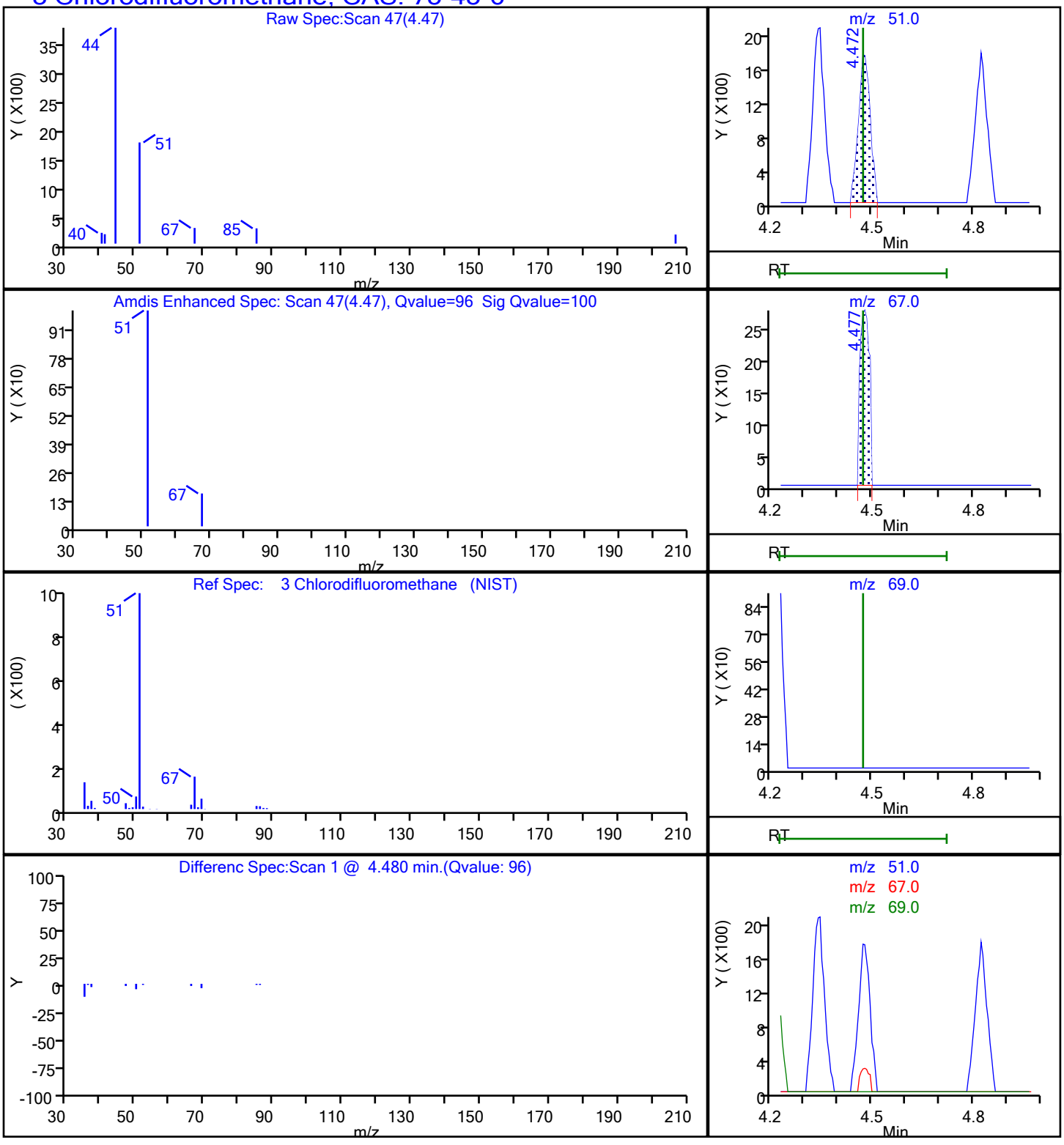




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

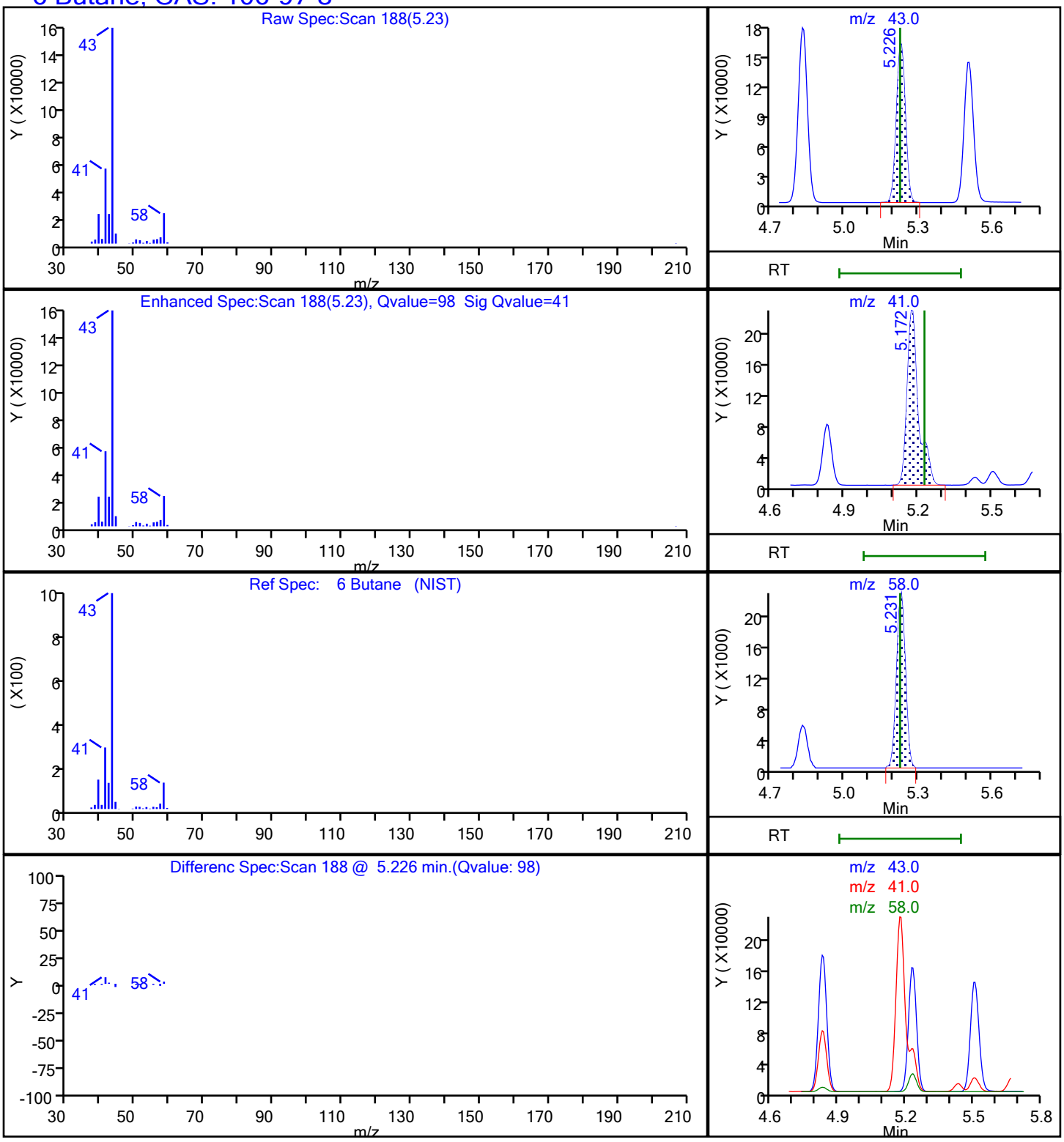
3 Chlorodifluoromethane, CAS: 75-45-6



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

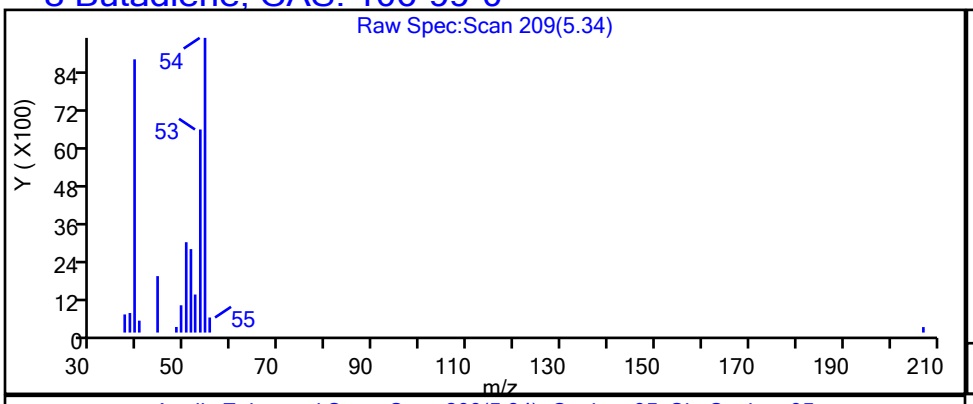
6 Butane, CAS: 106-97-8

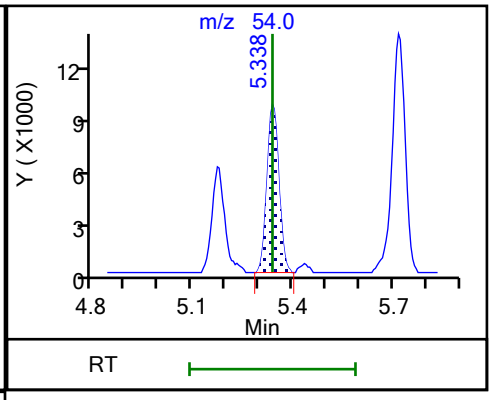


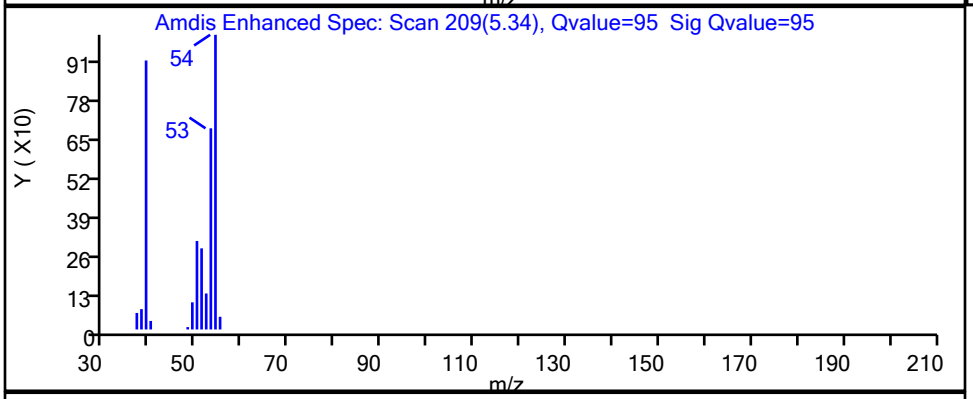
Eurofins TestAmerica, Burlington

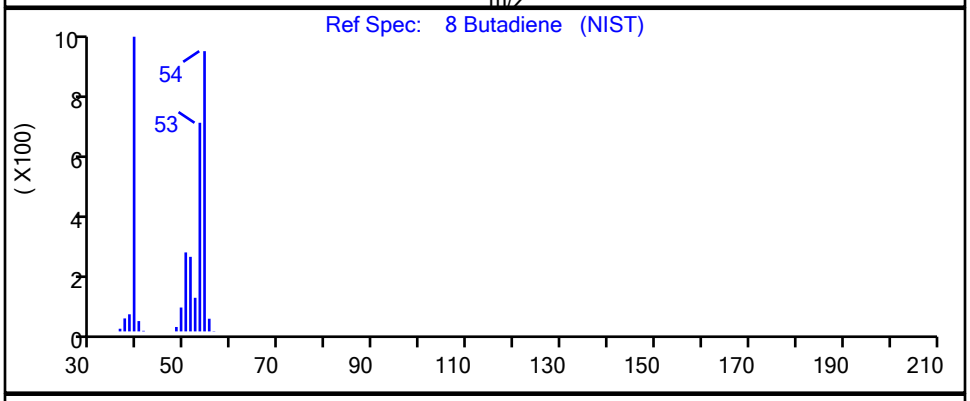
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

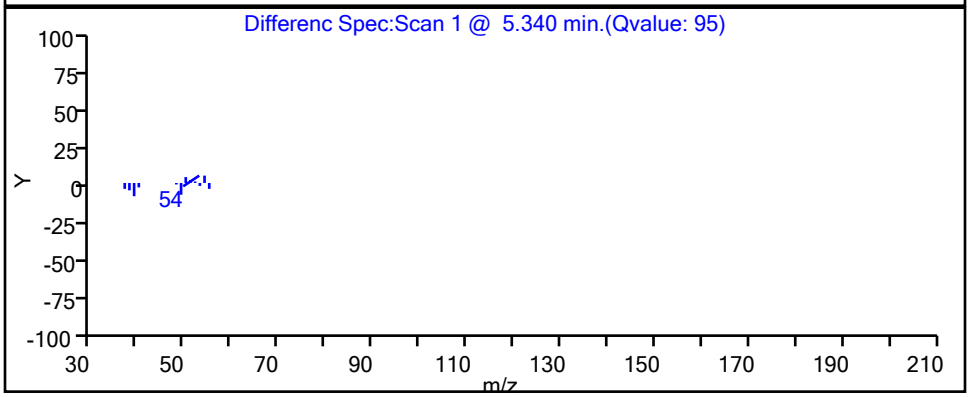
8 Butadiene, CAS: 106-99-0











Report Date: 03-May-2021 11:33:23 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D

Injection Date: 30-Apr-2021 23:36:30 Instrument ID: CHX.i

Lims ID: 200-58258-A-2 Lab Sample ID: 200-58258-2

Client ID: SV-01_20210428

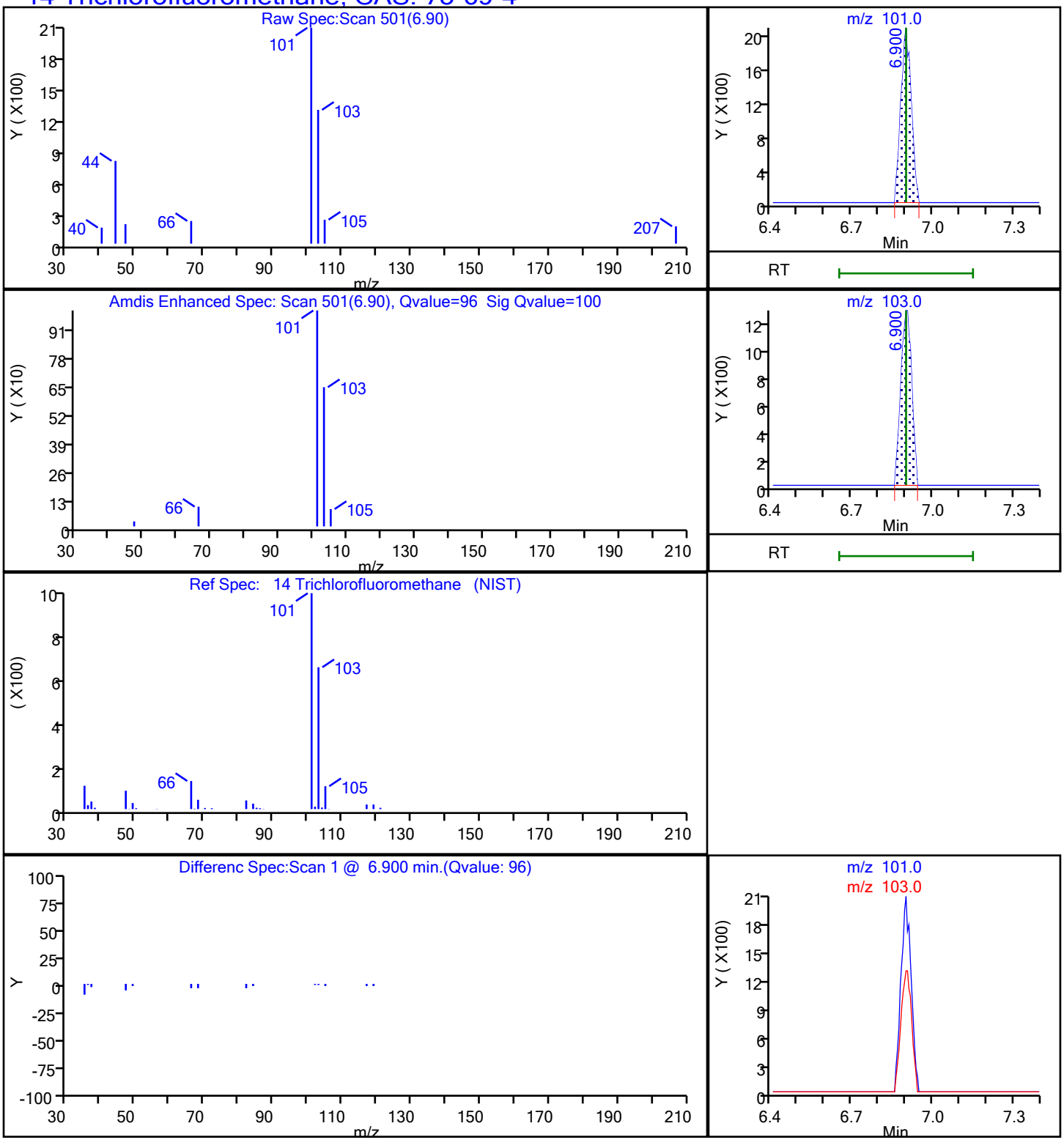
Operator ID: ggg ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_MasterMethod_X.m Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm) Detector MS SCAN

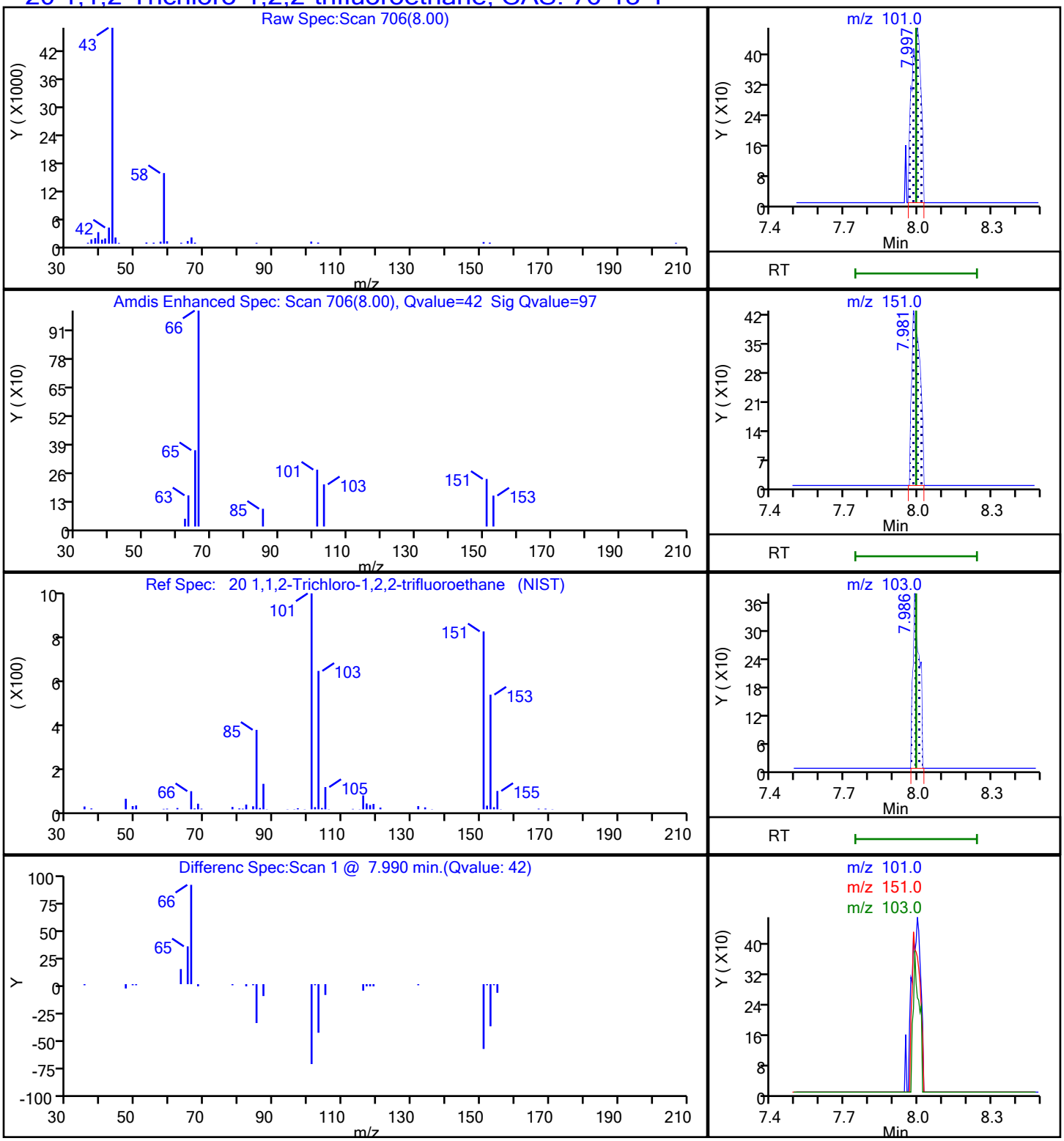
14 Trichlorofluoromethane, CAS: 75-69-4



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

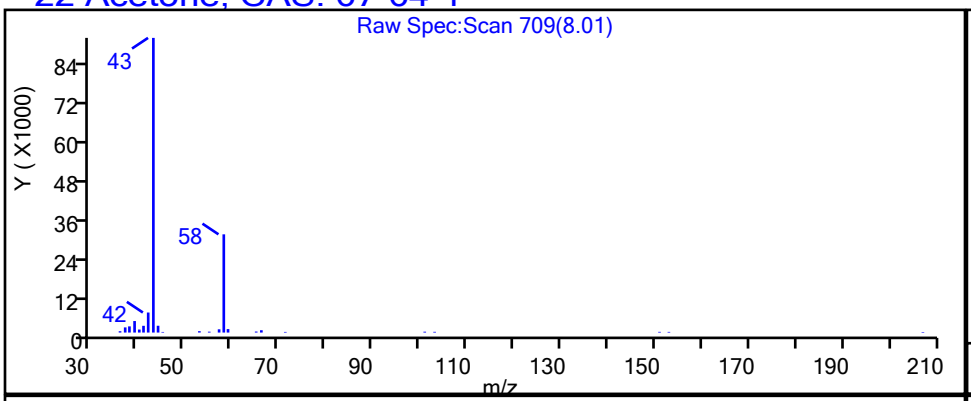
20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

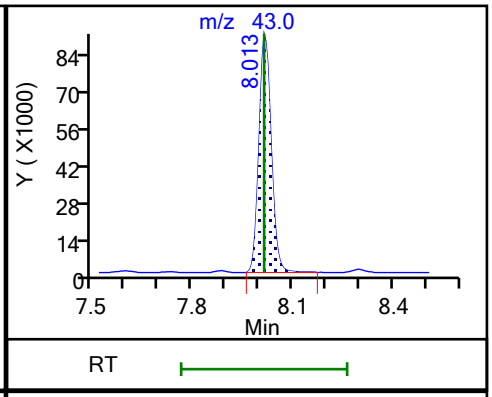


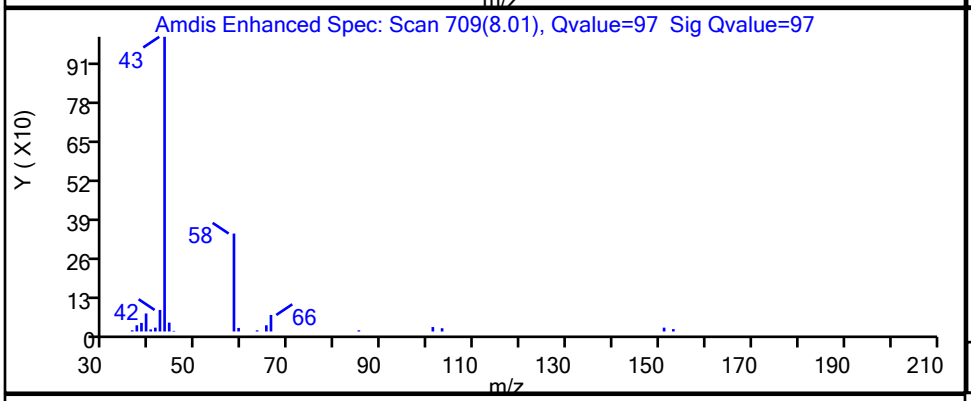
Eurofins TestAmerica, Burlington

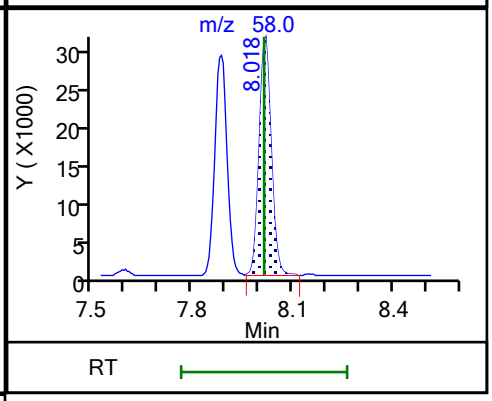
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

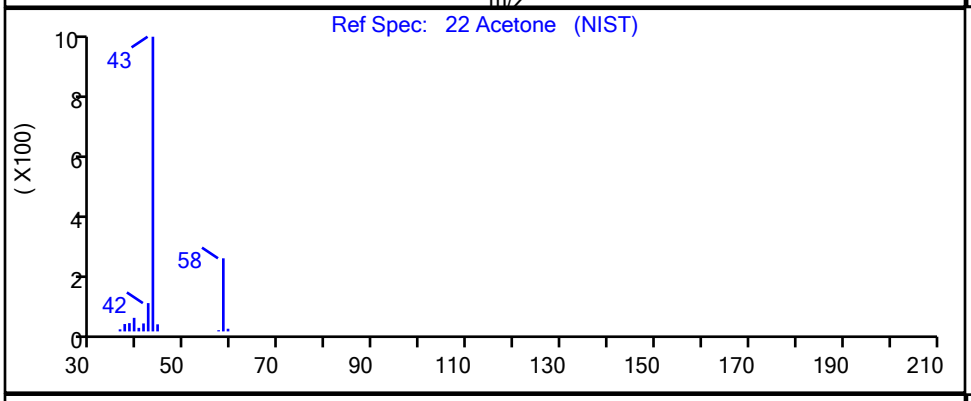
22 Acetone, CAS: 67-64-1

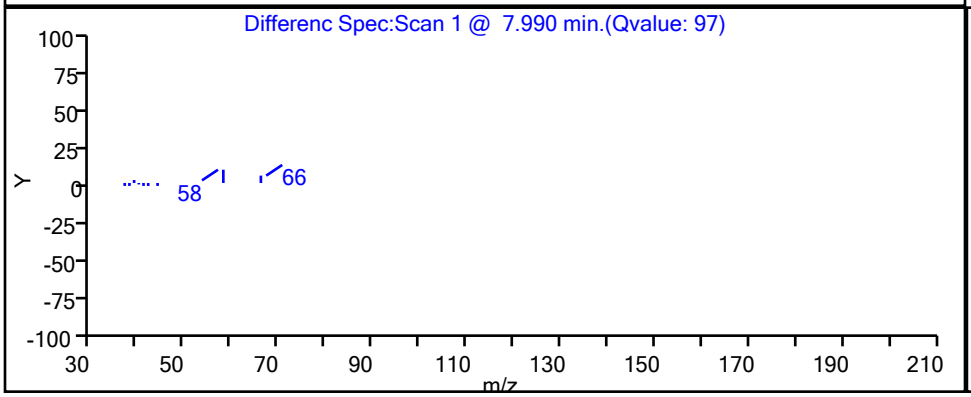


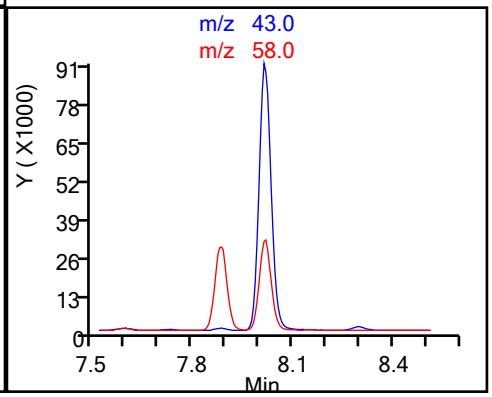












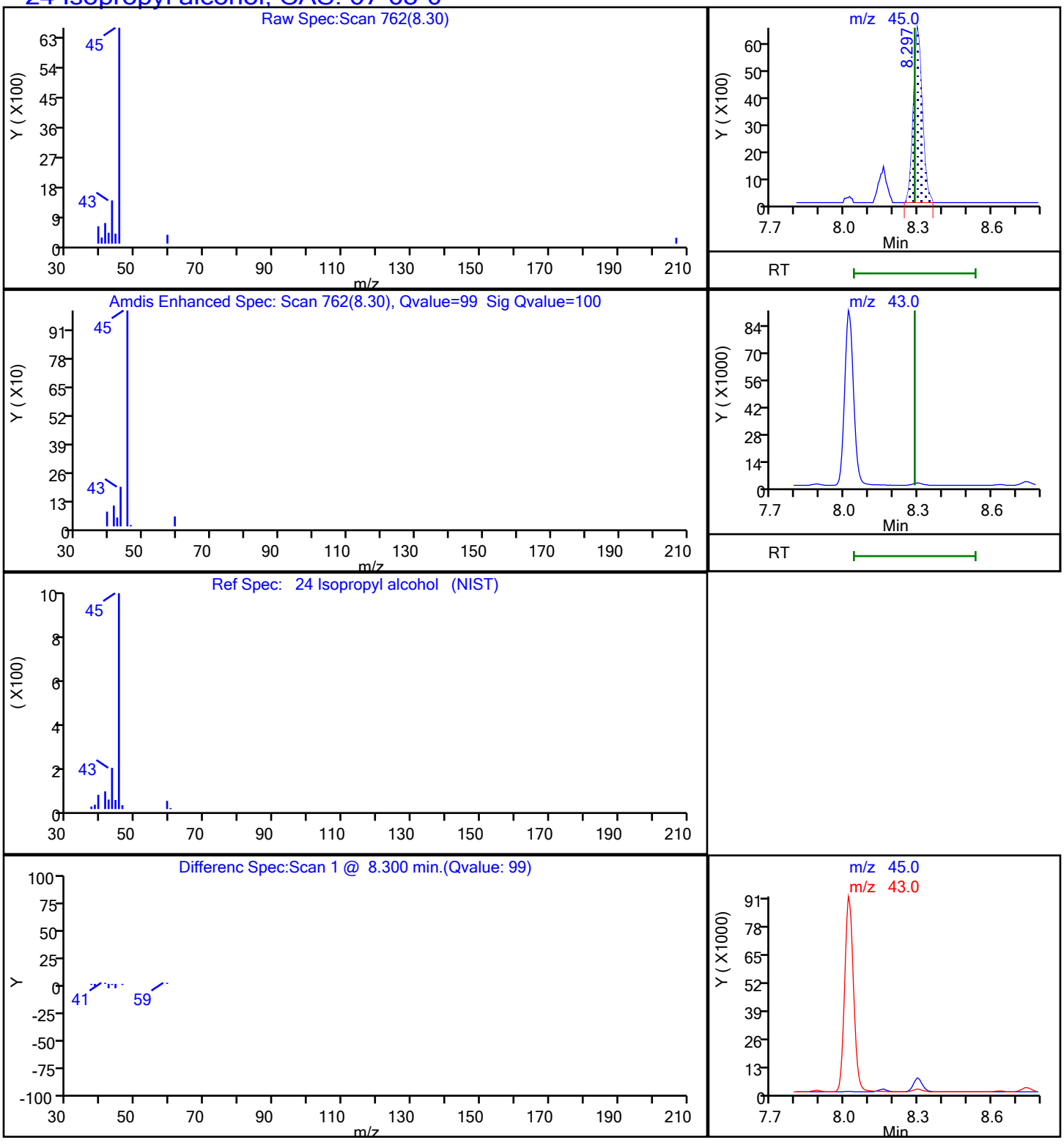
Report Date: 03-May-2021 11:33:23 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D

Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

24 Isopropyl alcohol, CAS: 67-63-0



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
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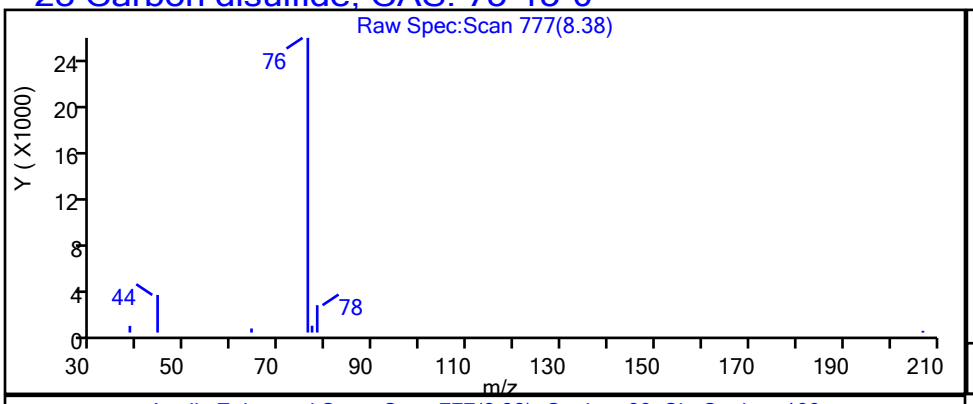
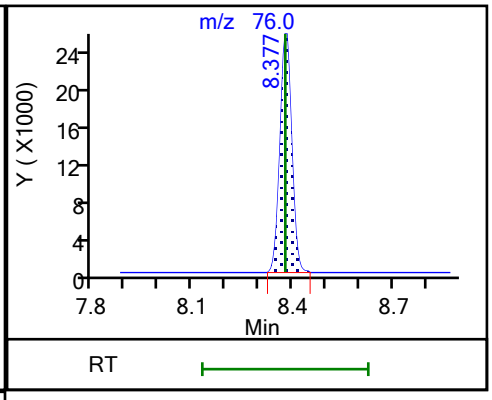
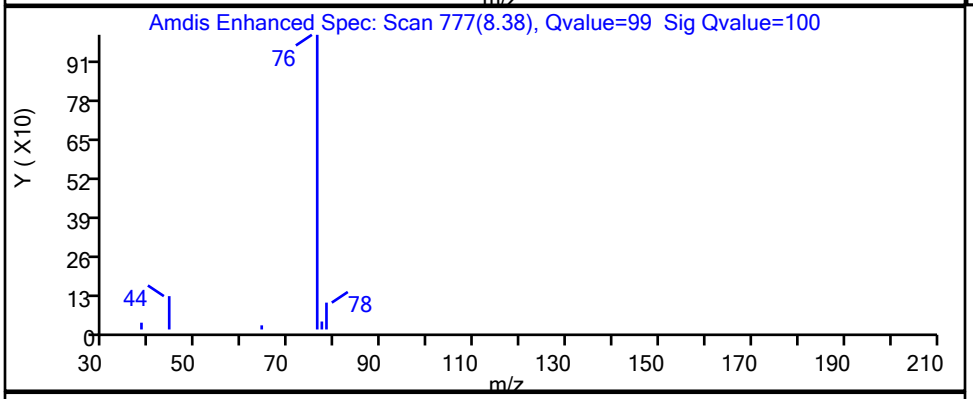
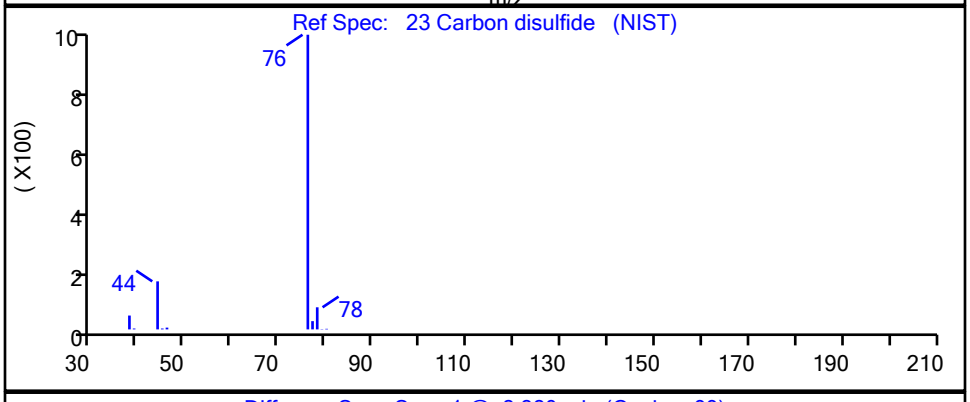
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

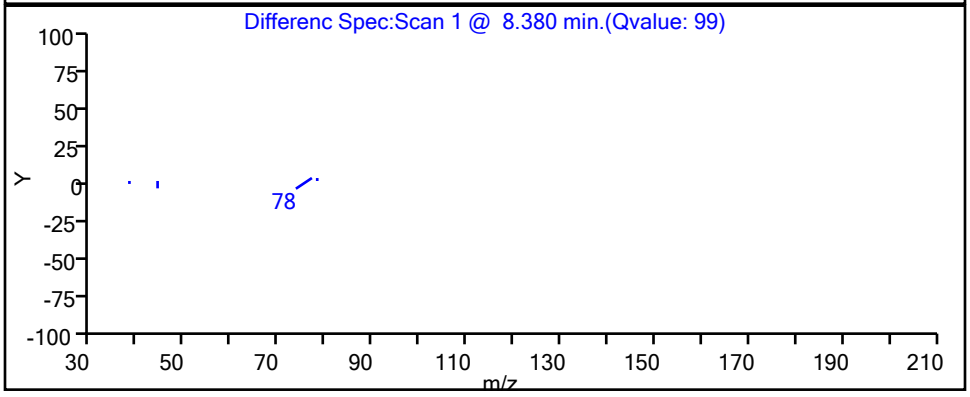
23 Carbon disulfide, CAS: 75-15-0







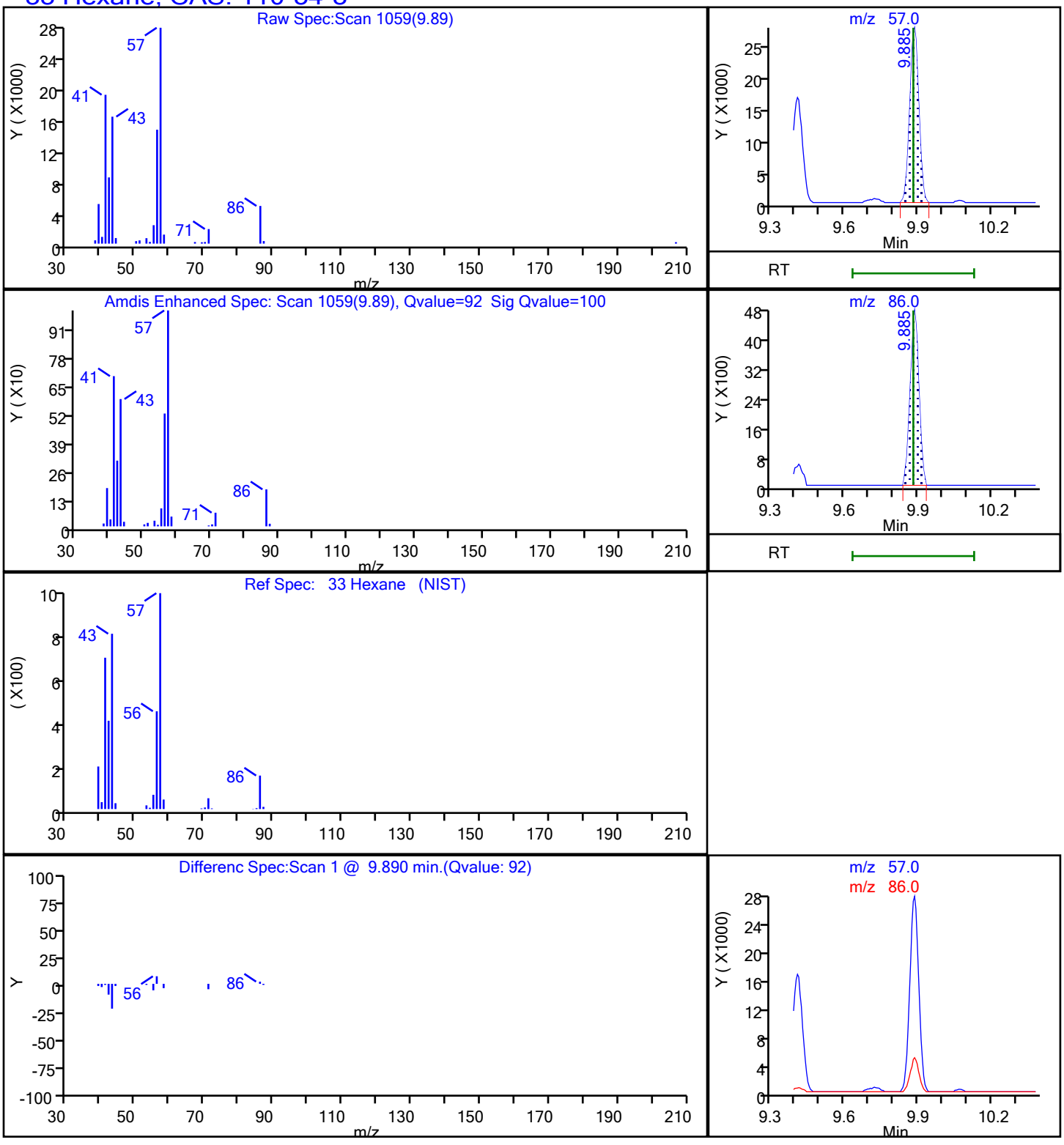




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 Hexane, CAS: 110-54-3

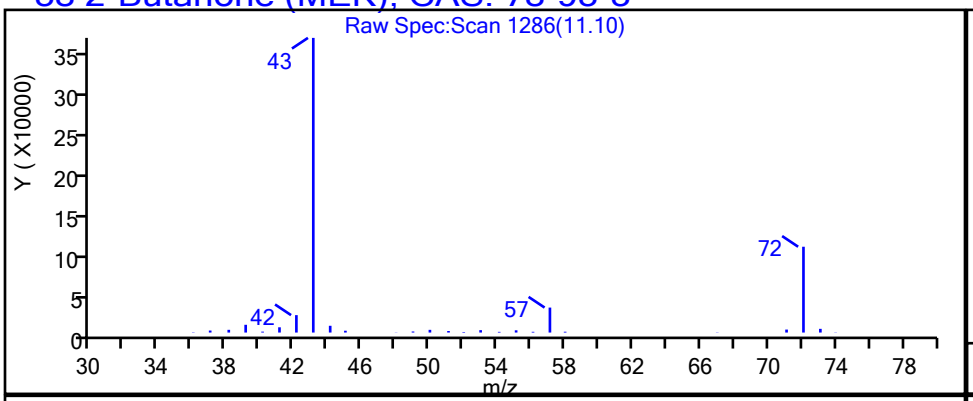


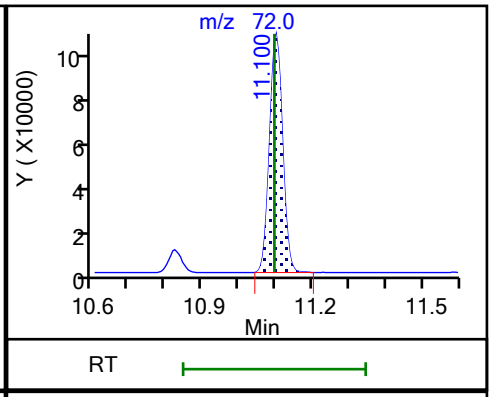
Eurofins TestAmerica, Burlington

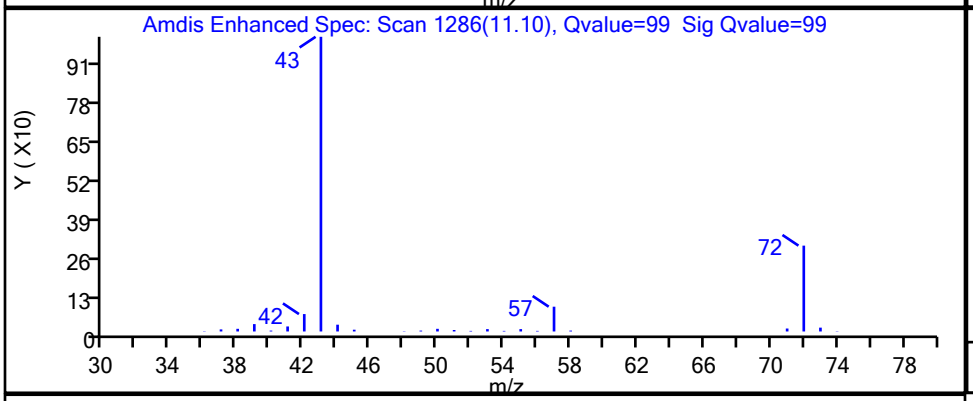
Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D

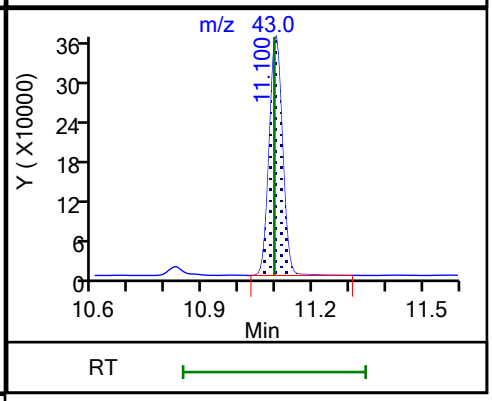
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

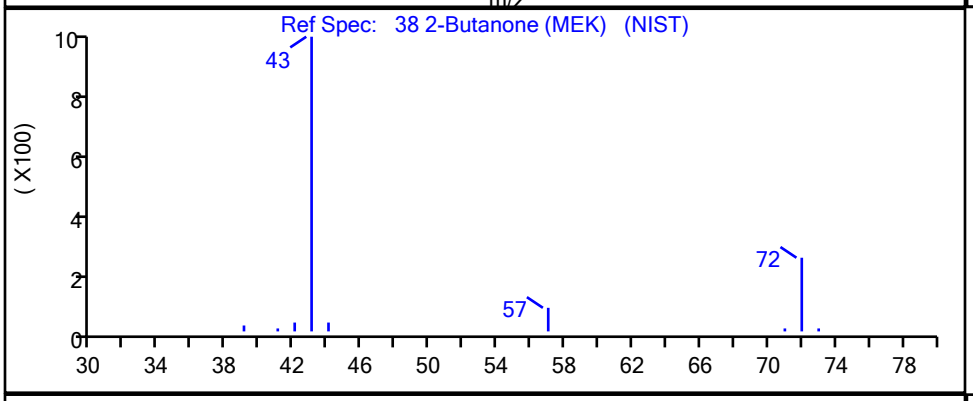
38 2-Butanone (MEK), CAS: 78-93-3

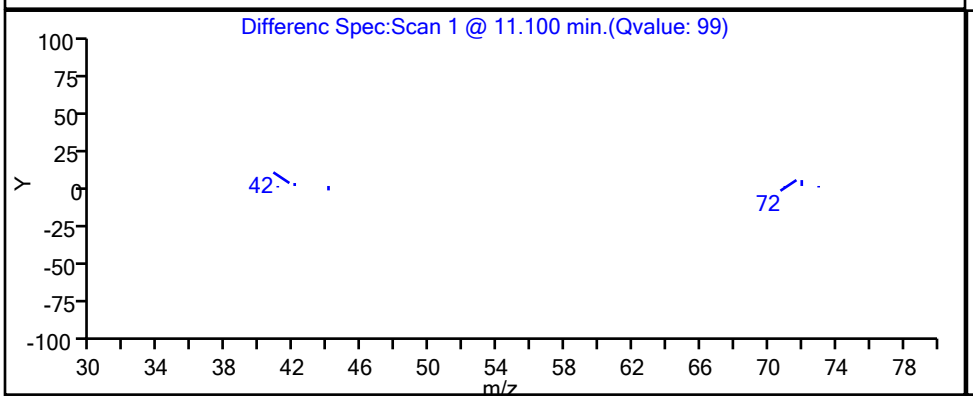


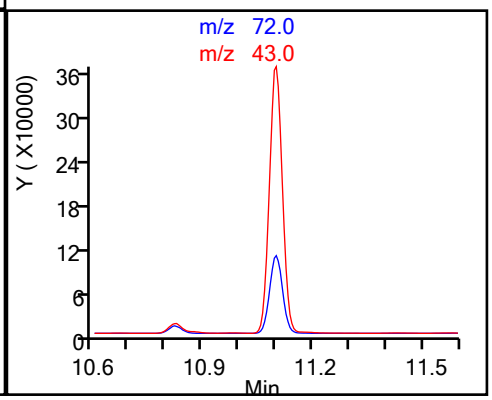












Eurofins TestAmerica, Burlington

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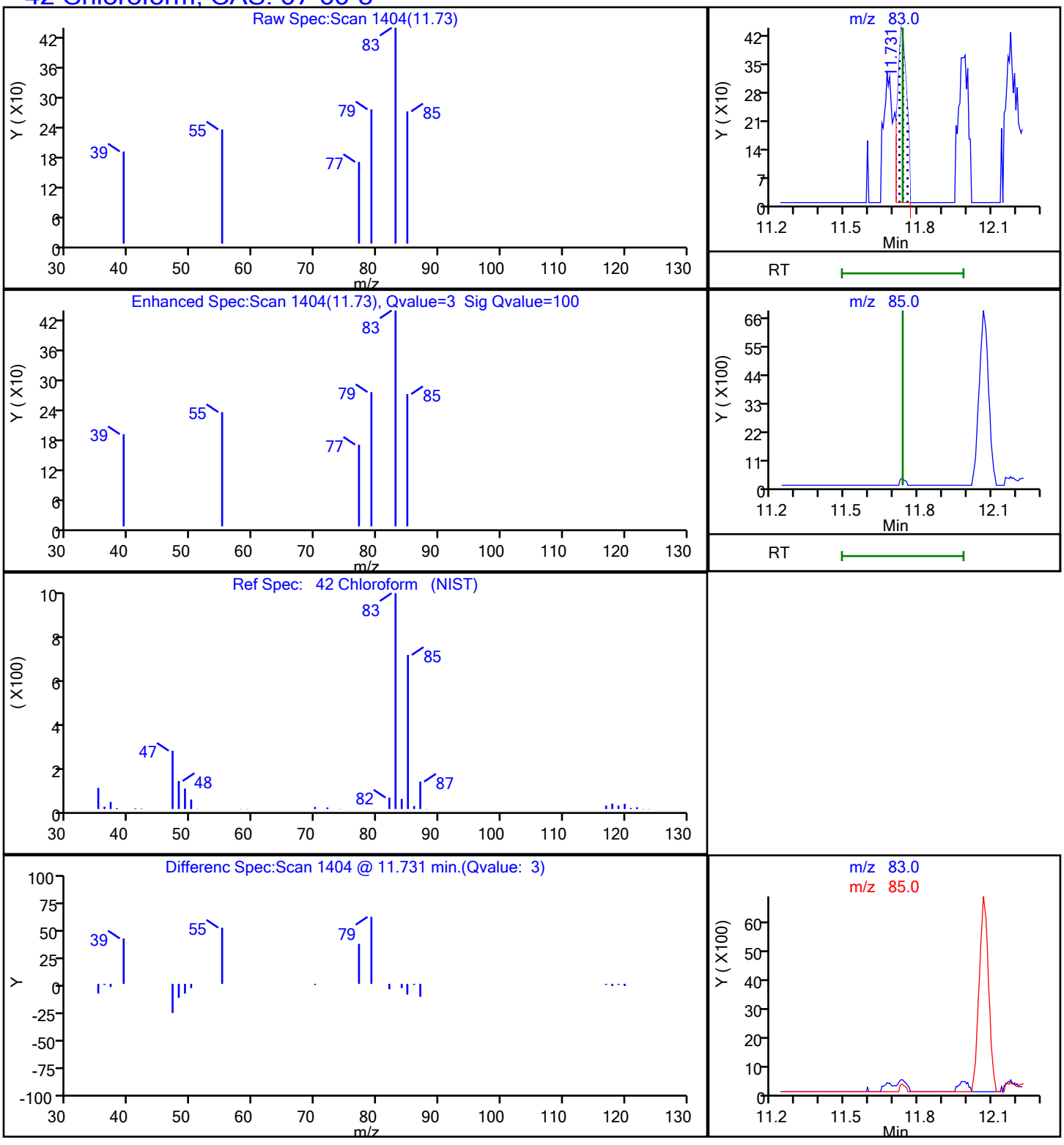
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 Chloroform, CAS: 67-66-3



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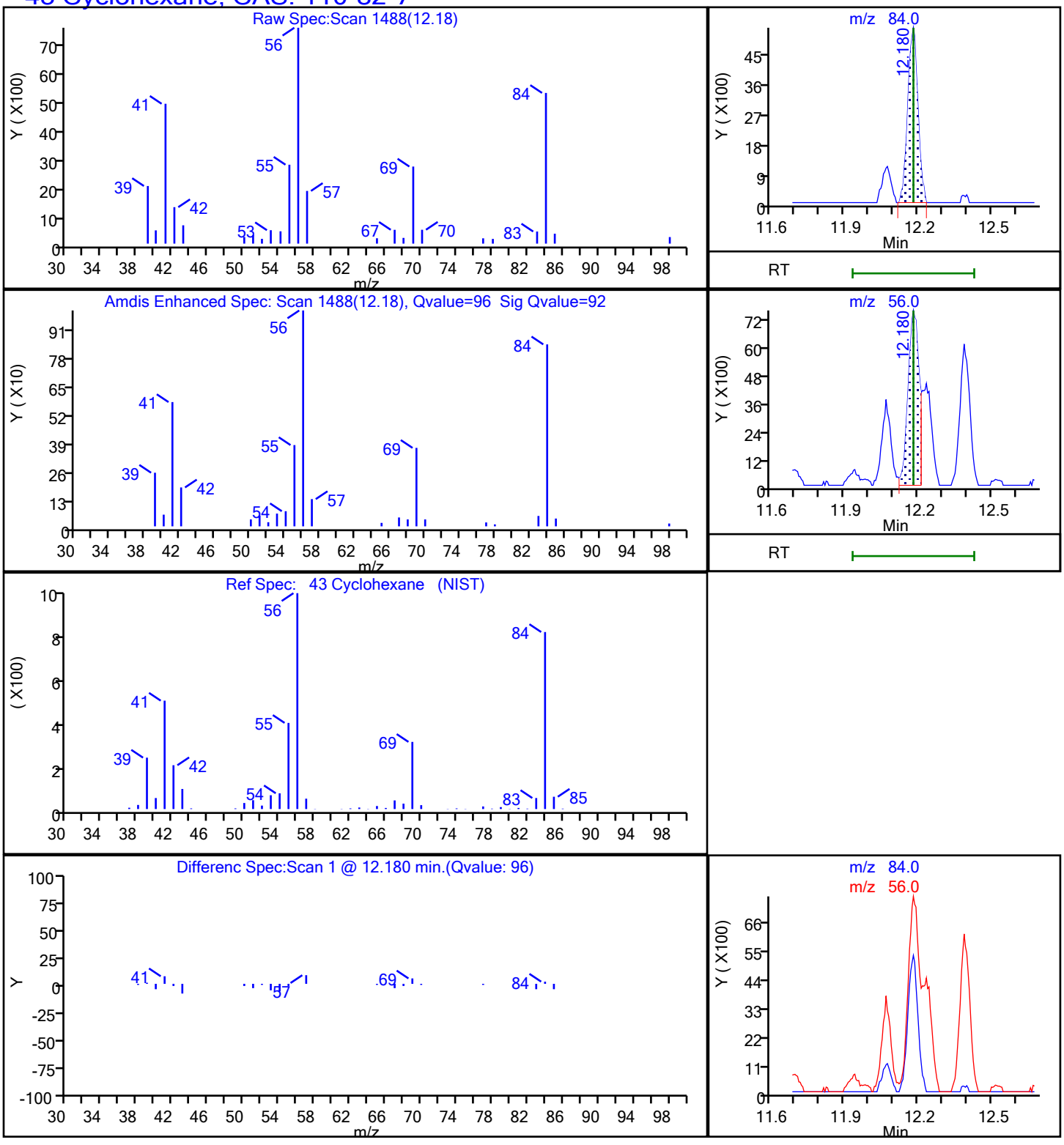
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7



Eurofins TestAmerica, Burlington

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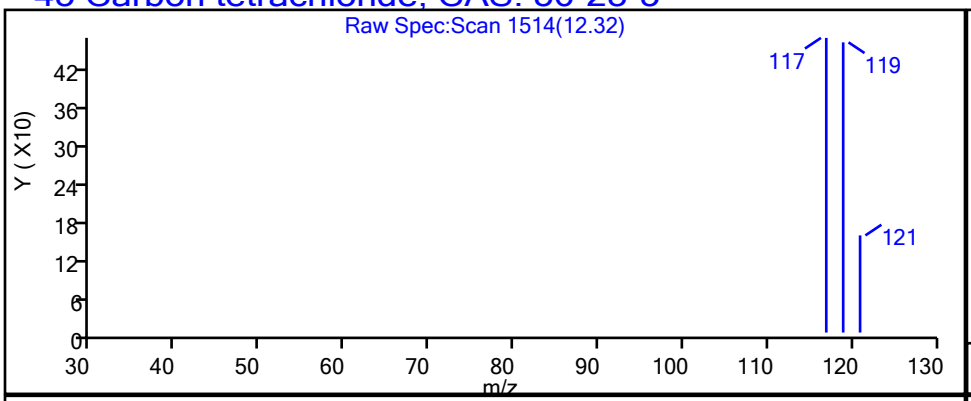
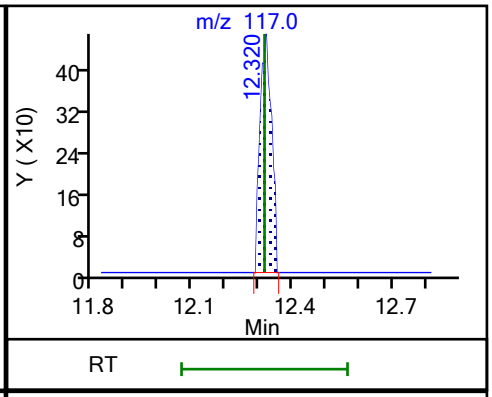
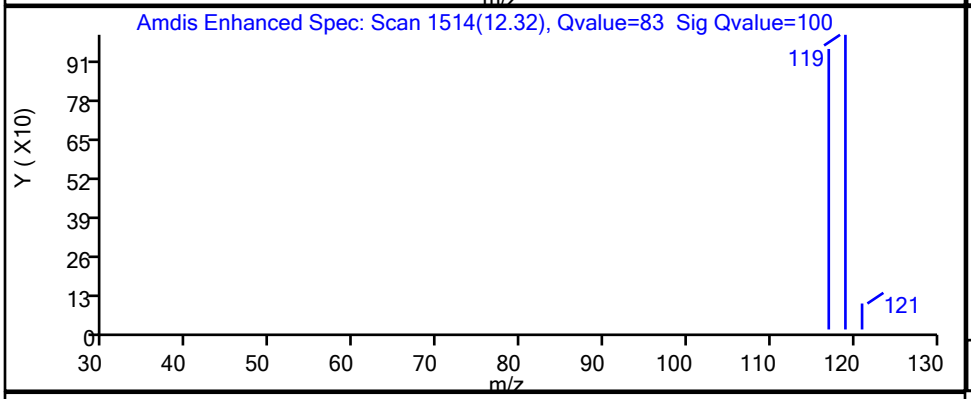
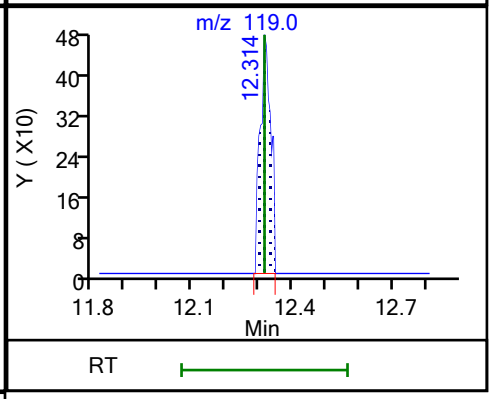
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

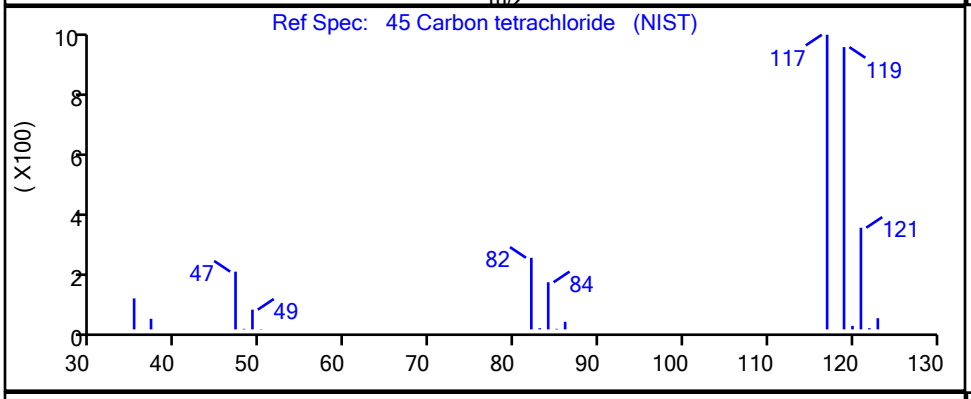
45 Carbon tetrachloride, CAS: 56-23-5

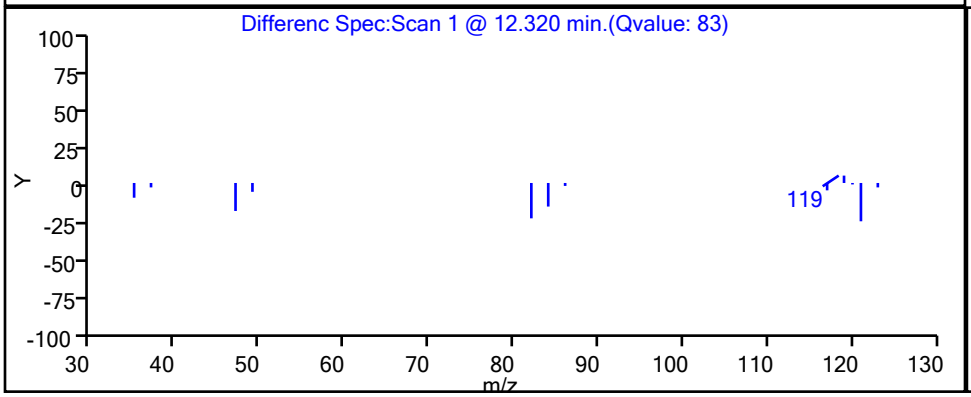


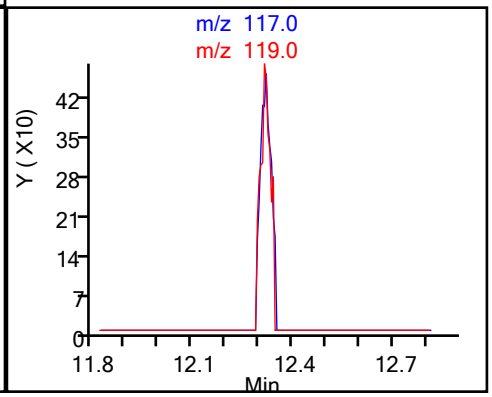












Eurofins TestAmerica, Burlington

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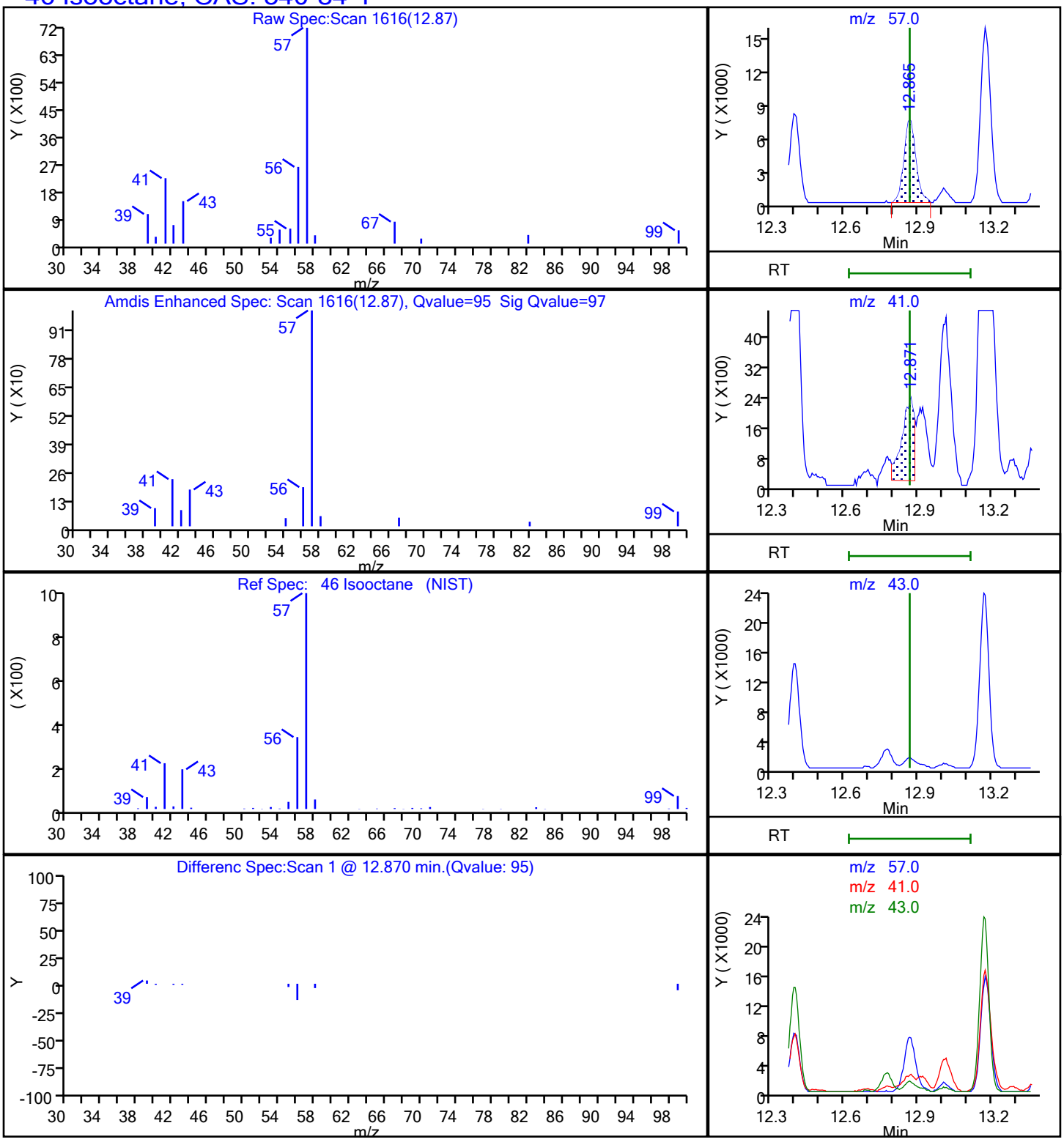
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Isooctane, CAS: 540-84-1



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
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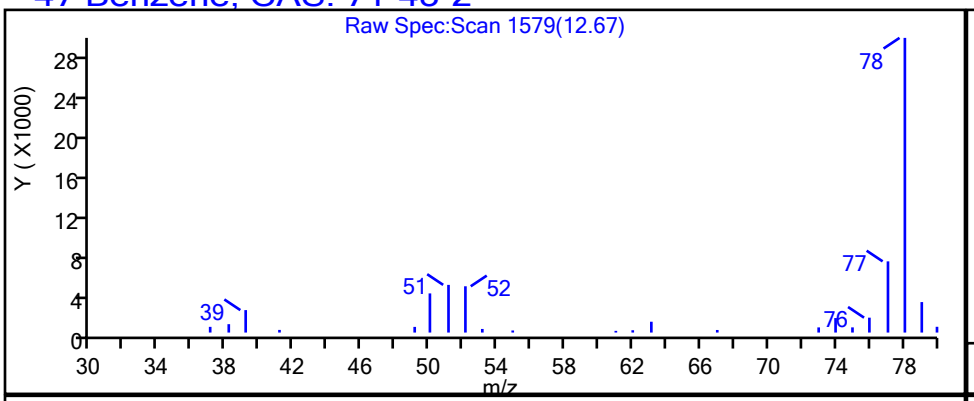
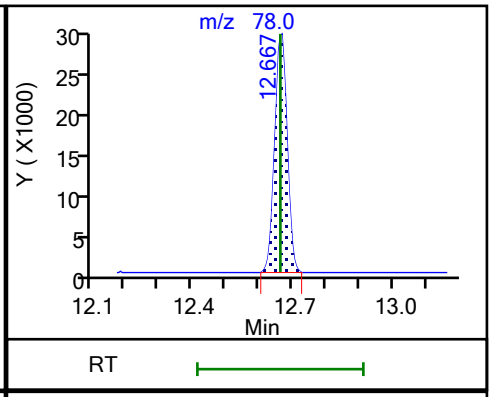
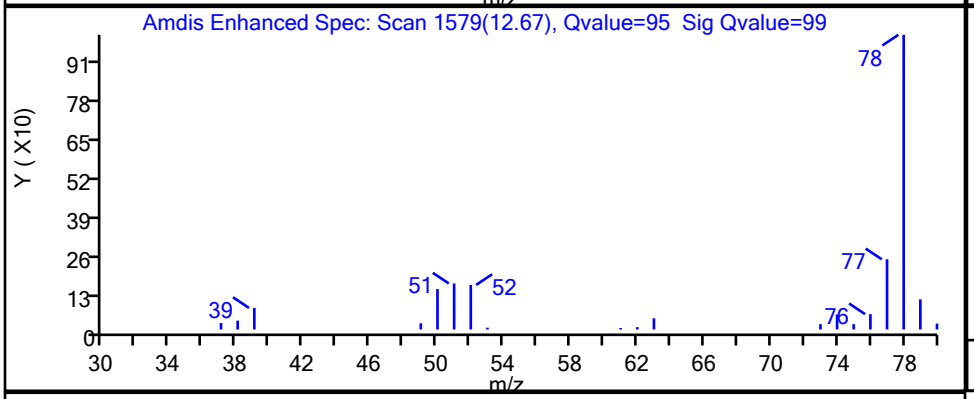
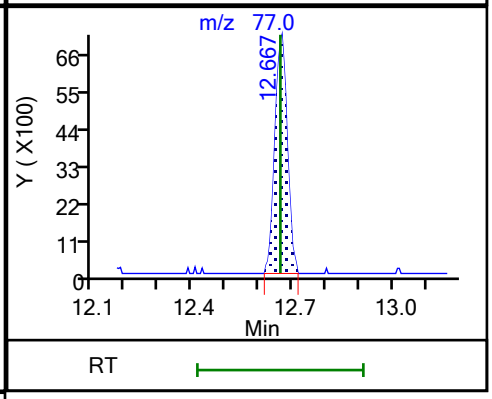
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

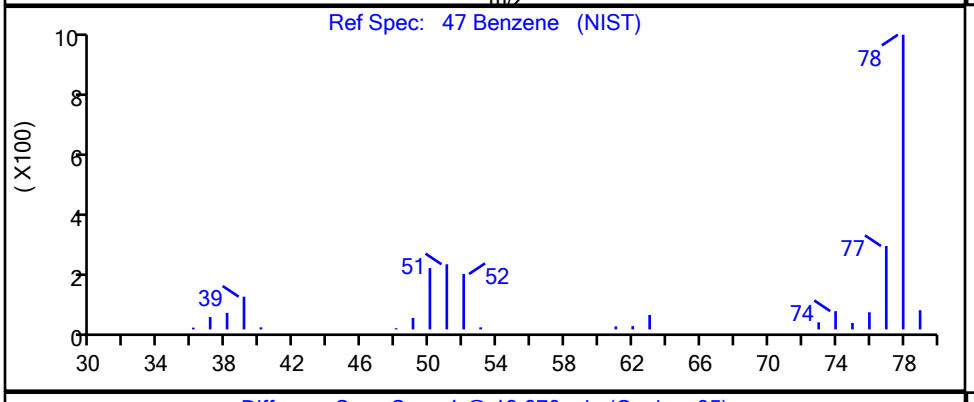
47 Benzene, CAS: 71-43-2

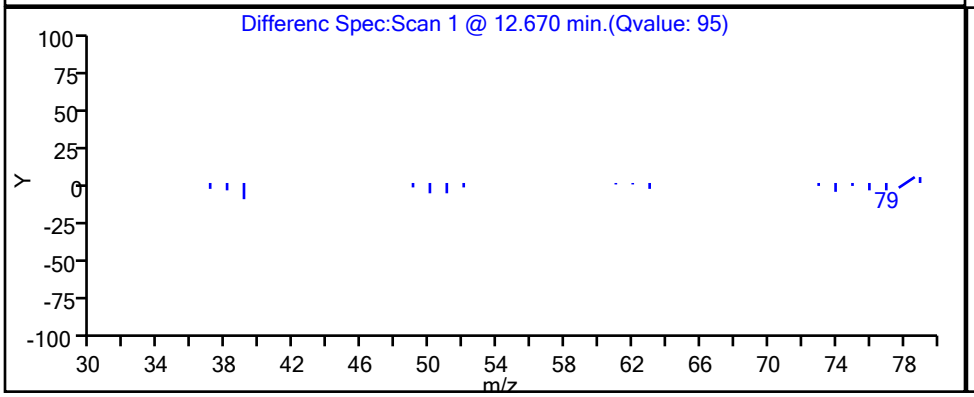


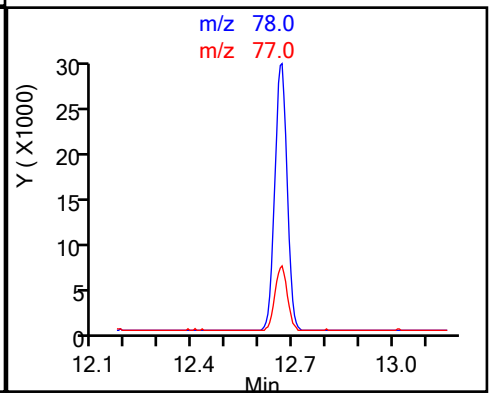












Eurofins TestAmerica, Burlington

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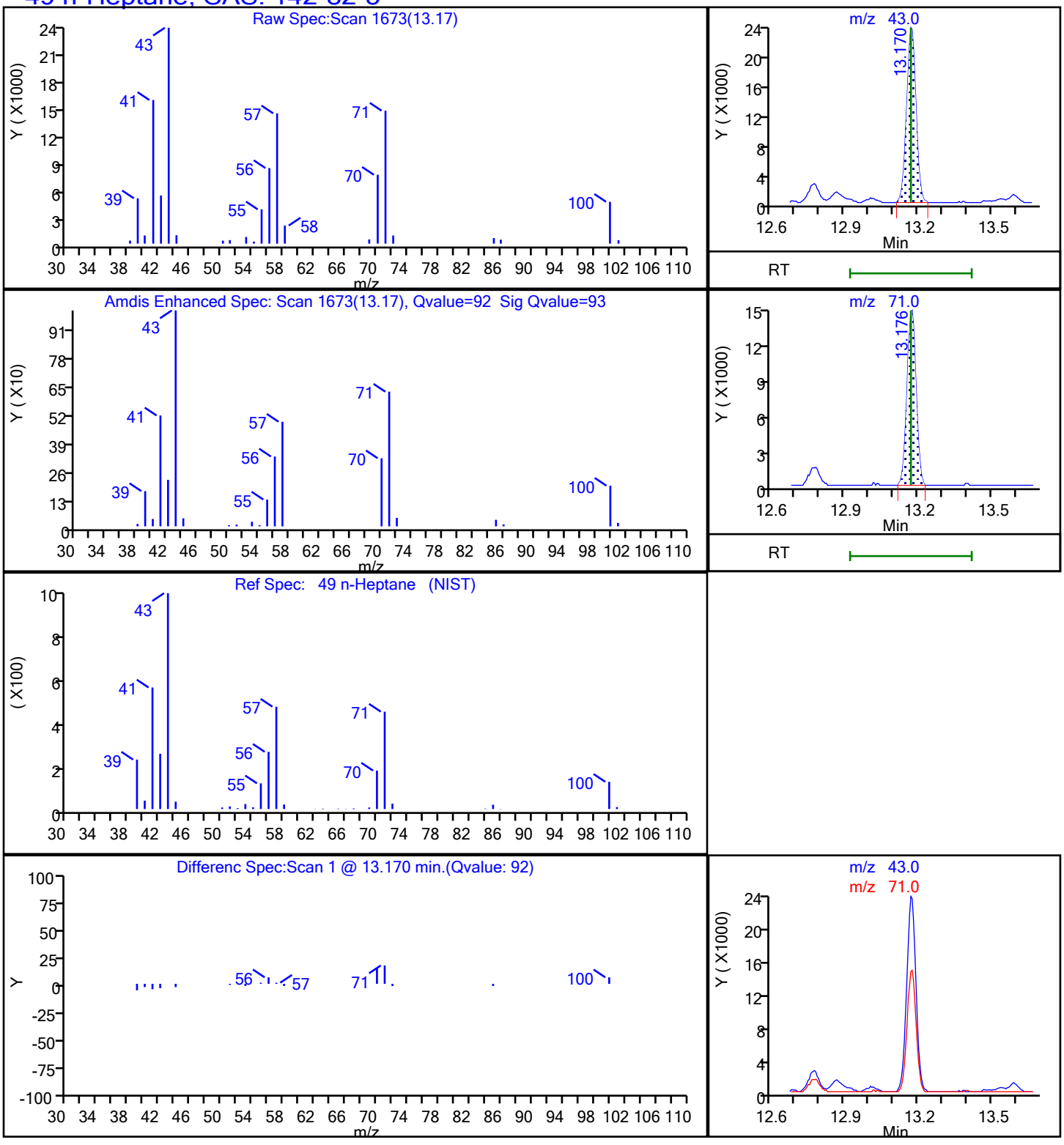
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5



Report Date: 03-May-2021 11:33:24 Chrom Revision: 2.3 08-Apr-2021 17:17:48

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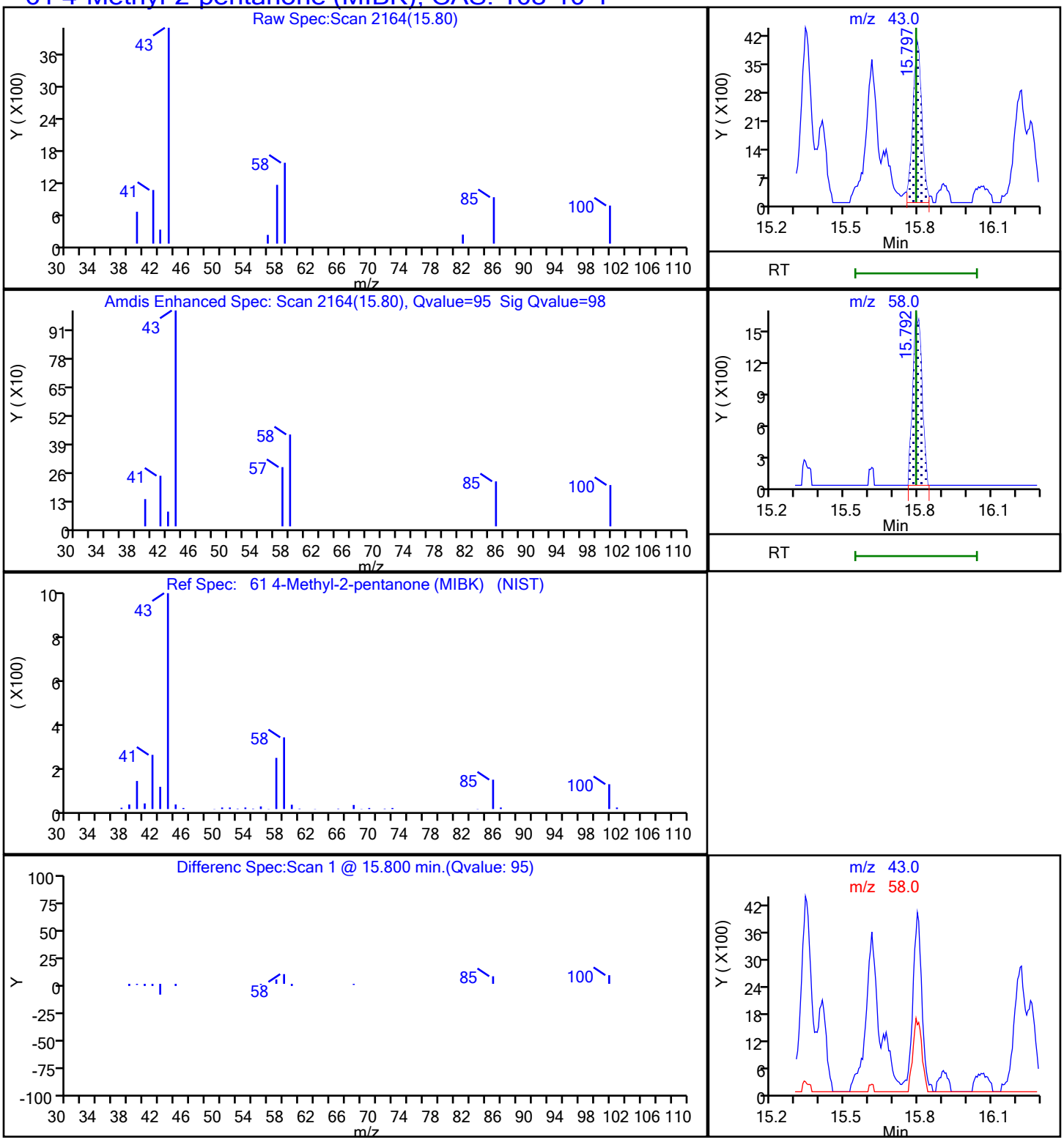
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



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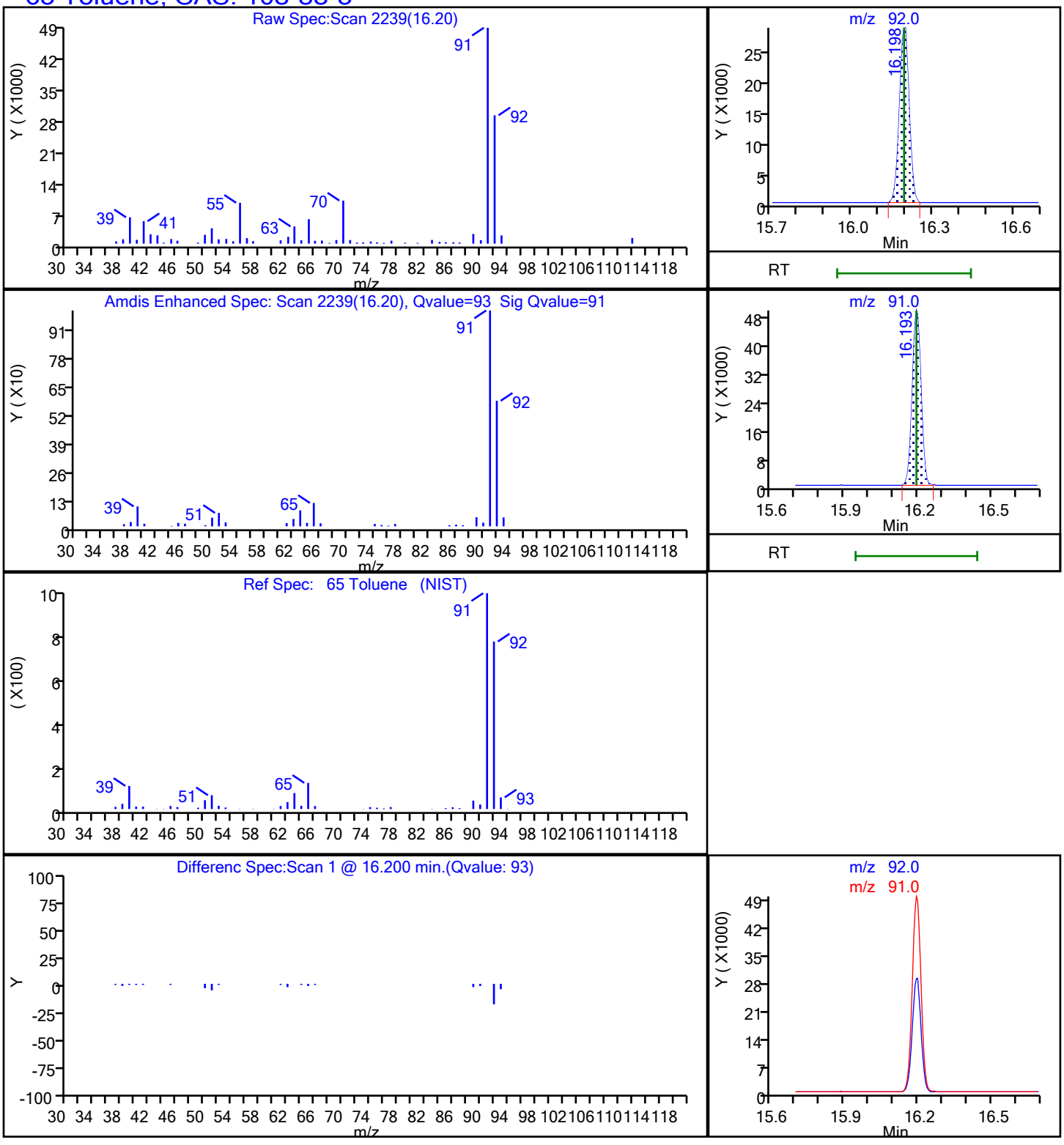
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

65 Toluene, CAS: 108-88-3



Eurofins TestAmerica, Burlington

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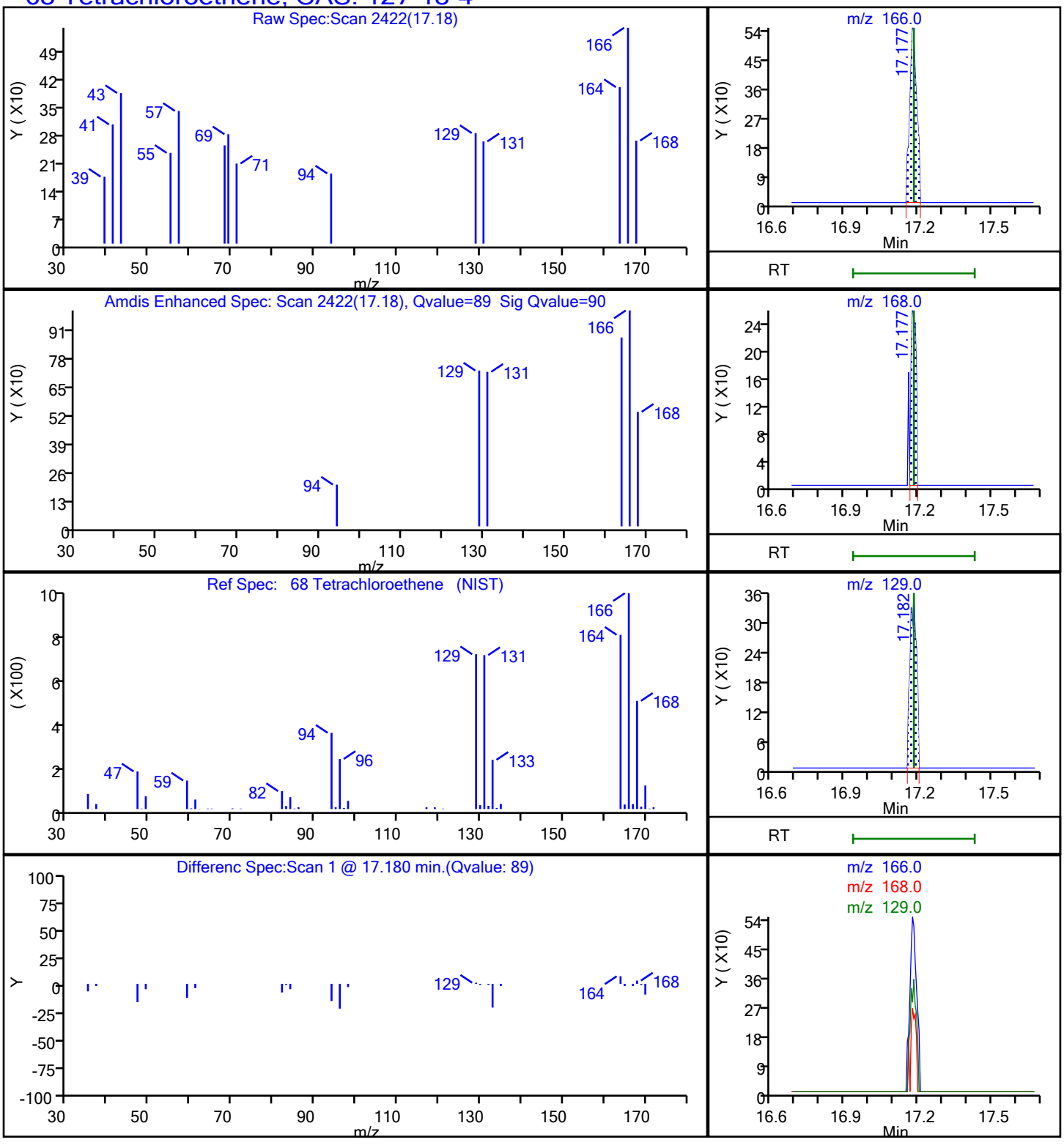
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Burlington

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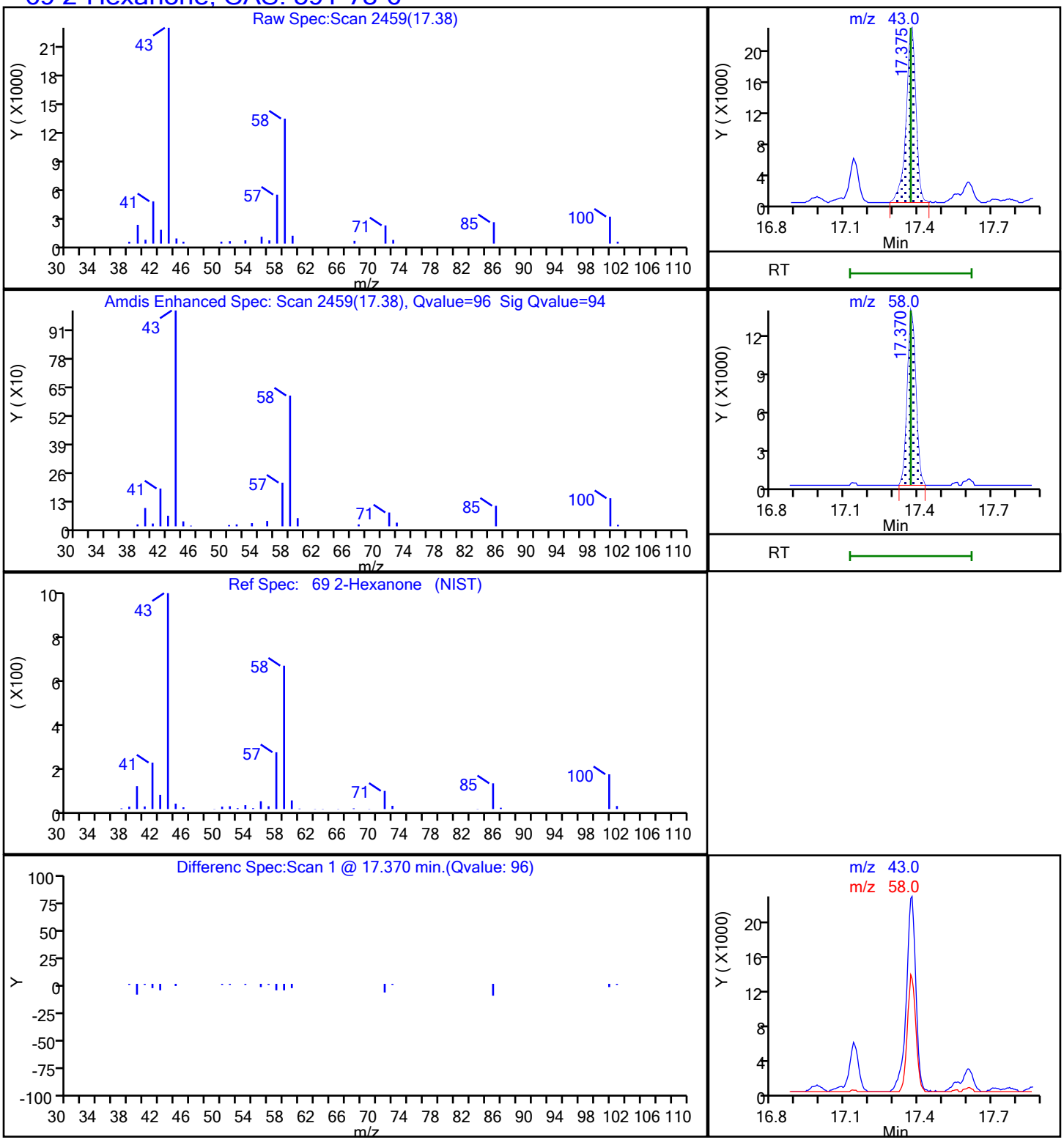
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

69 2-Hexanone, CAS: 591-78-6



Report Date: 03-May-2021 11:33:24 Chrom Revision: 2.3 08-Apr-2021 17:17:48

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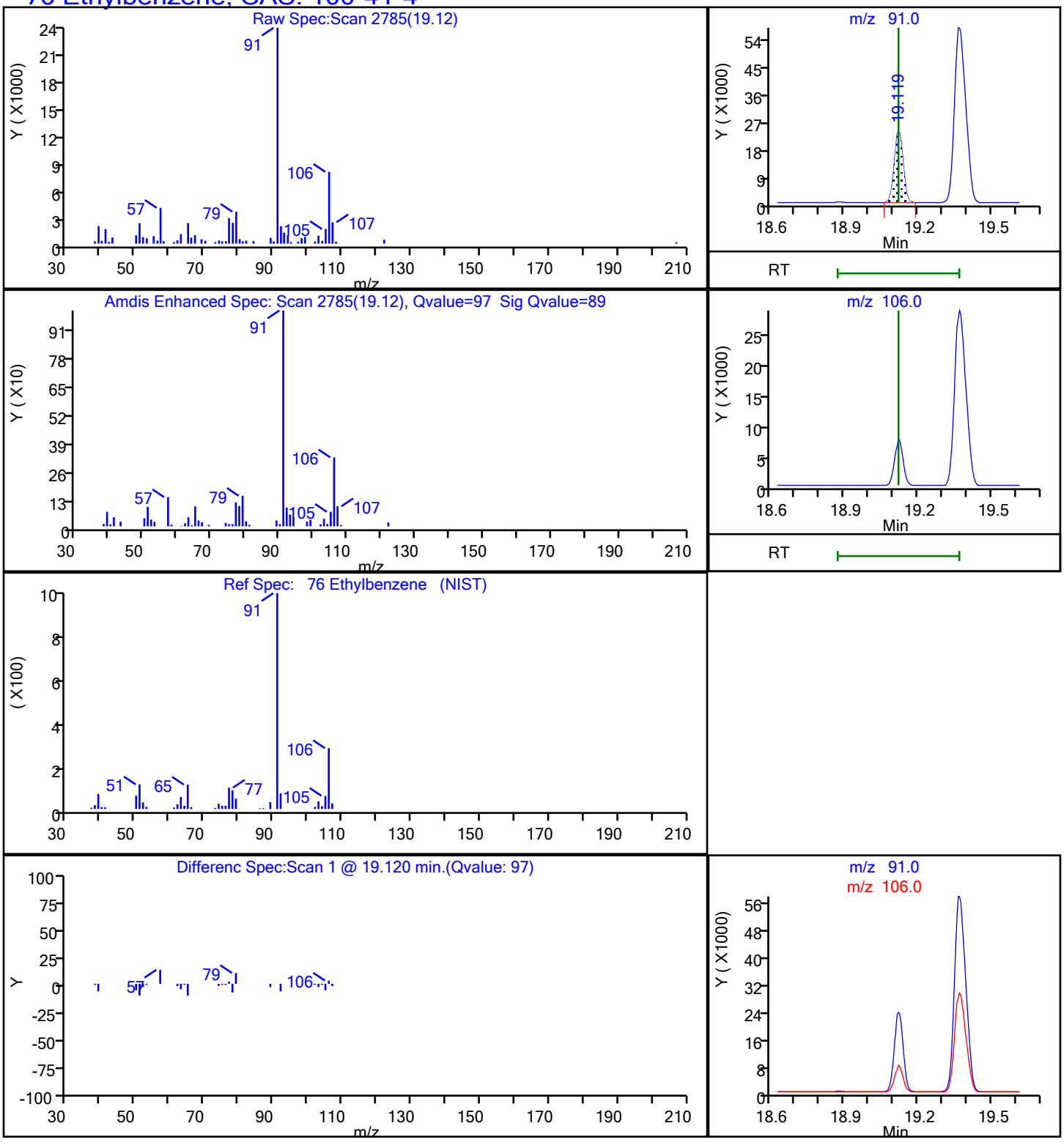
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 Ethylbenzene, CAS: 100-41-4



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Eurofins TestAmerica, Burlington

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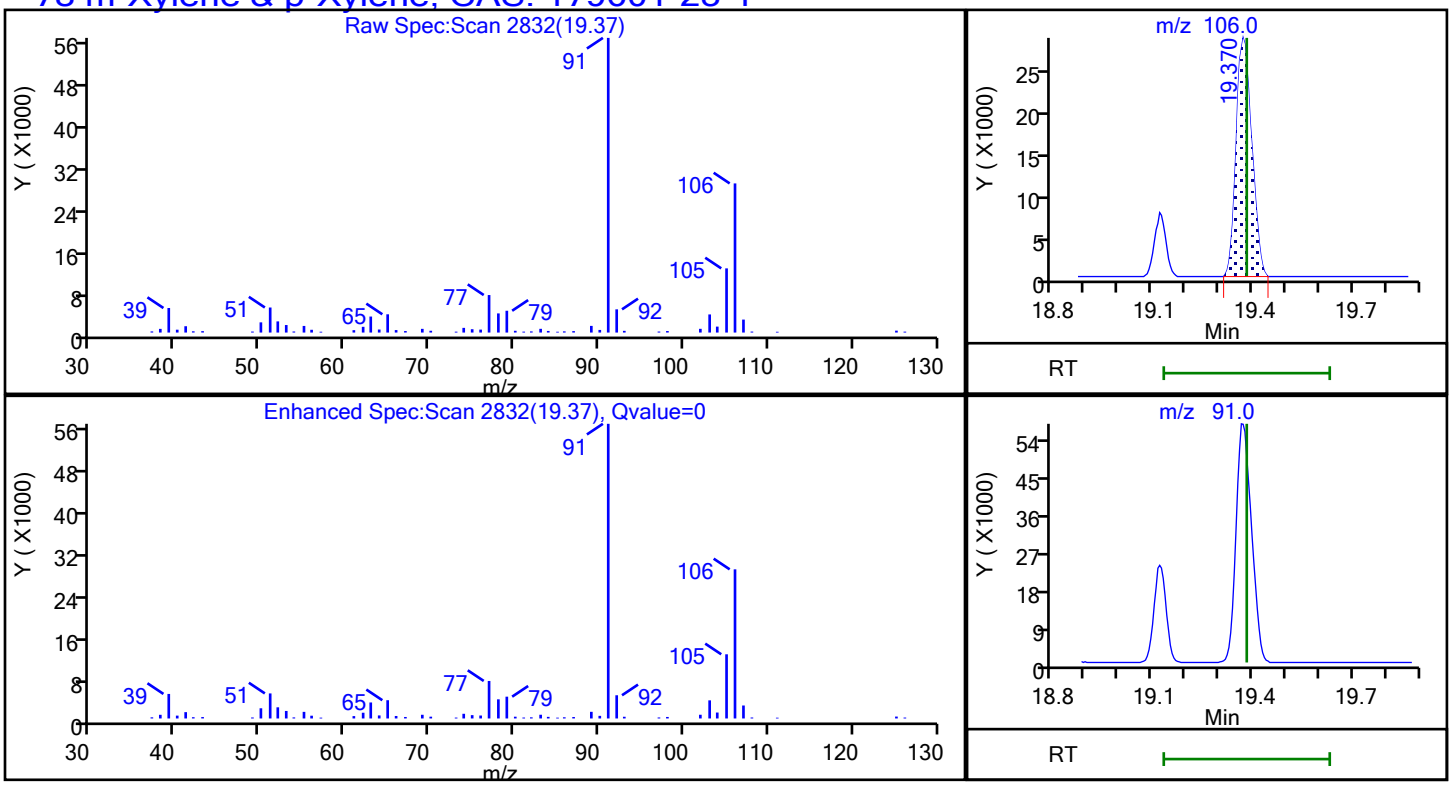
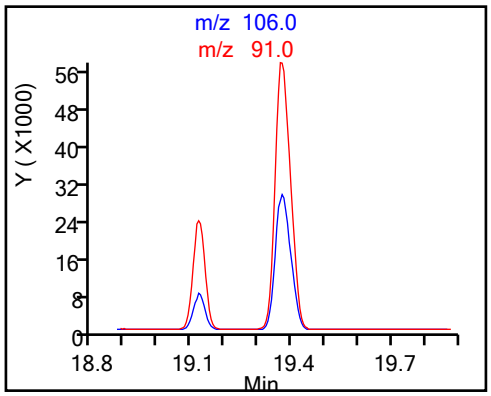
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 m-Xylene & p-Xylene, CAS: 179601-23-1





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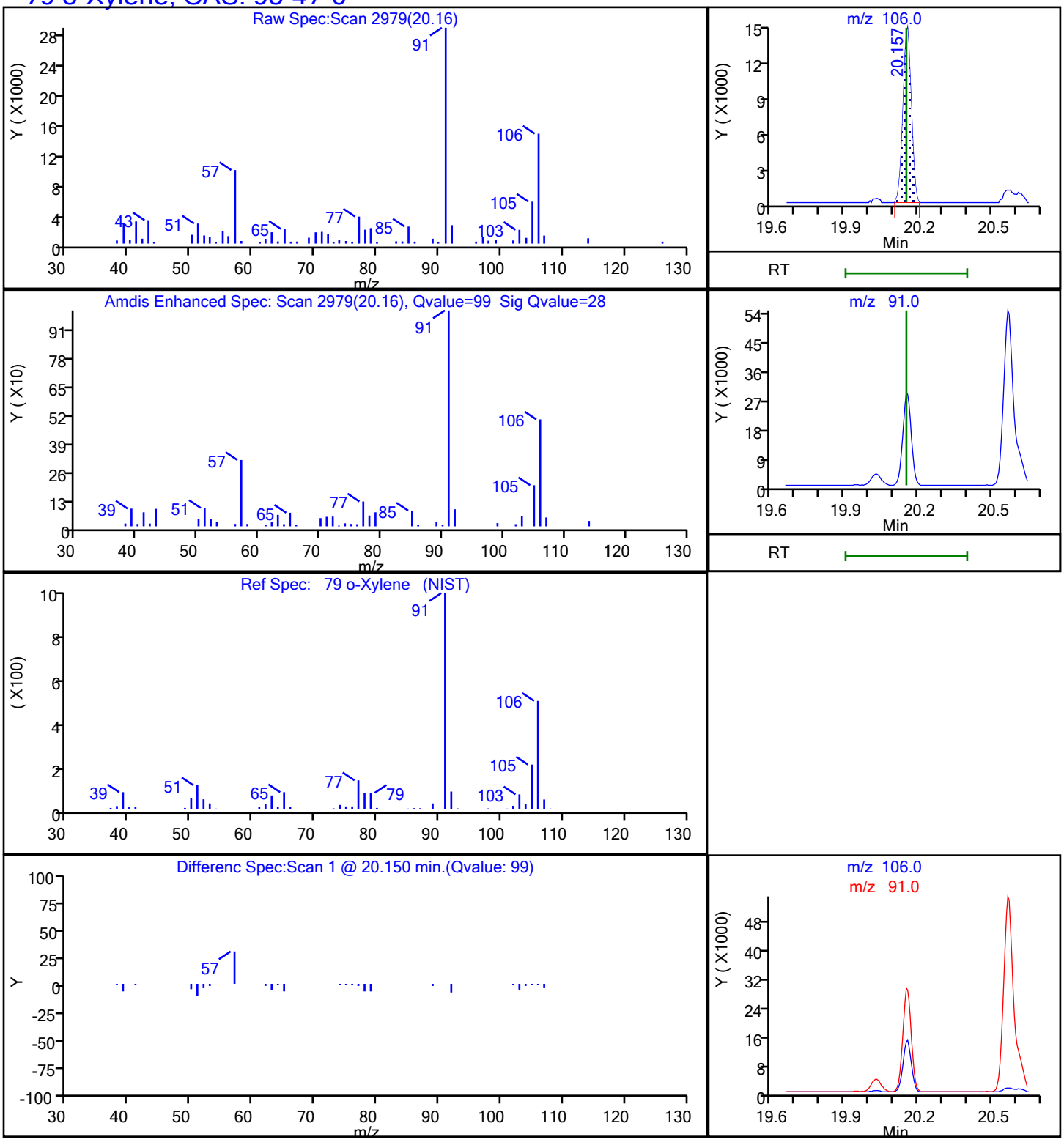
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 o-Xylene, CAS: 95-47-6



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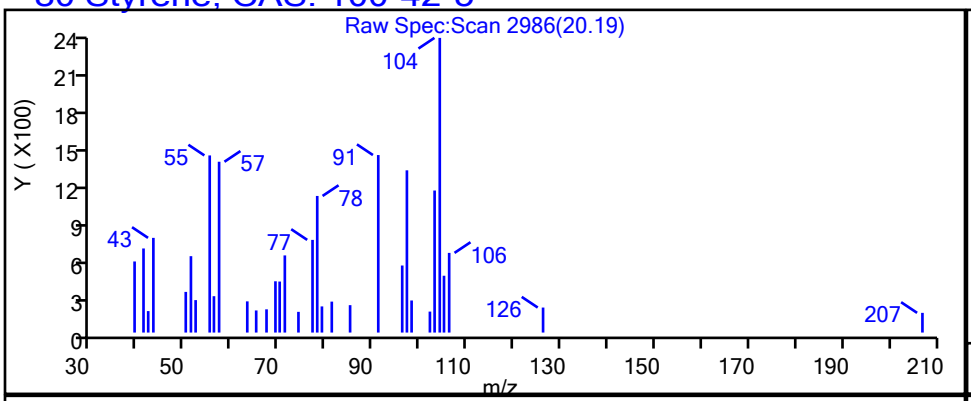
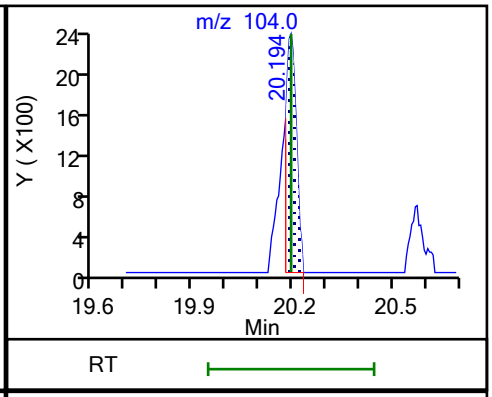
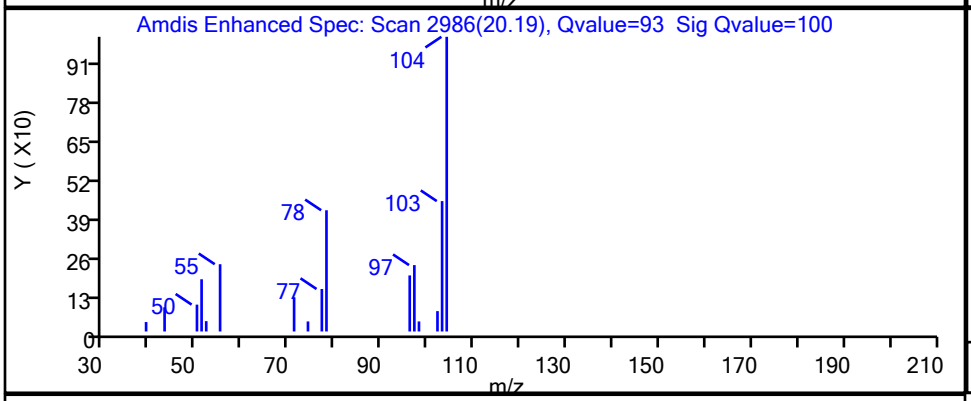
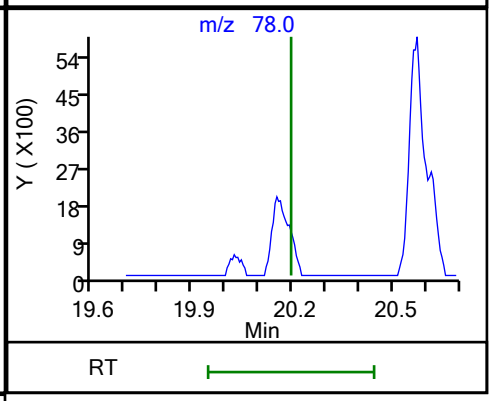
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

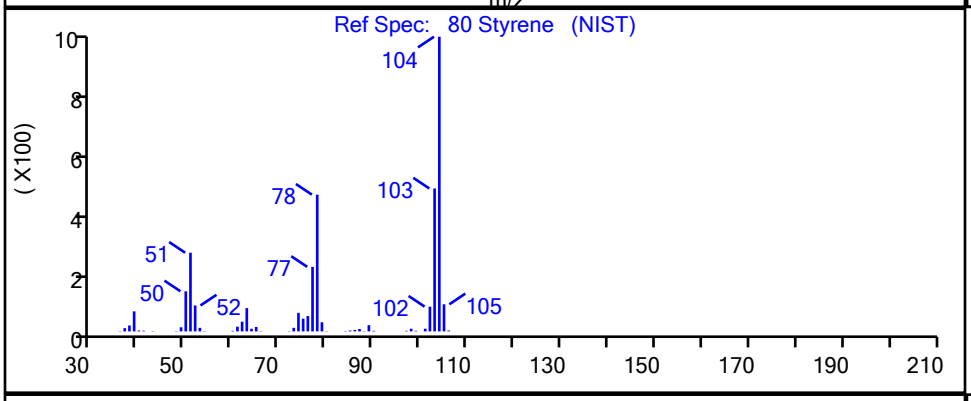
80 Styrene, CAS: 100-42-5

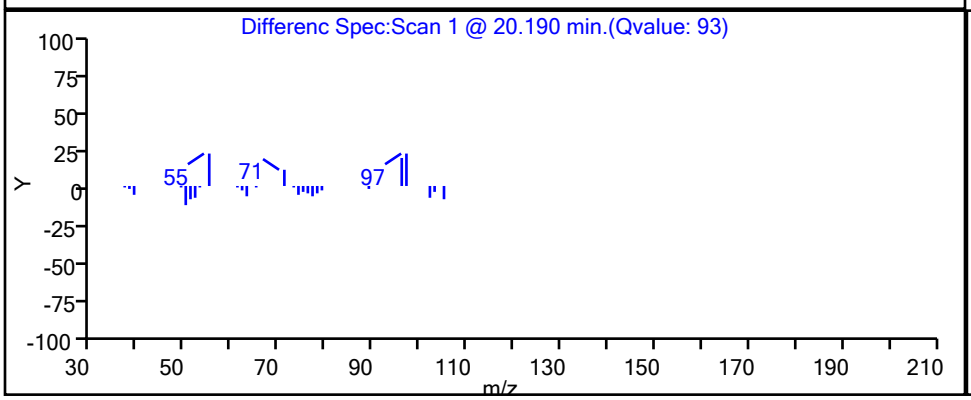


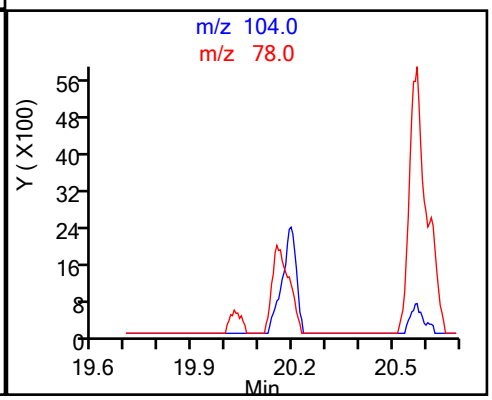








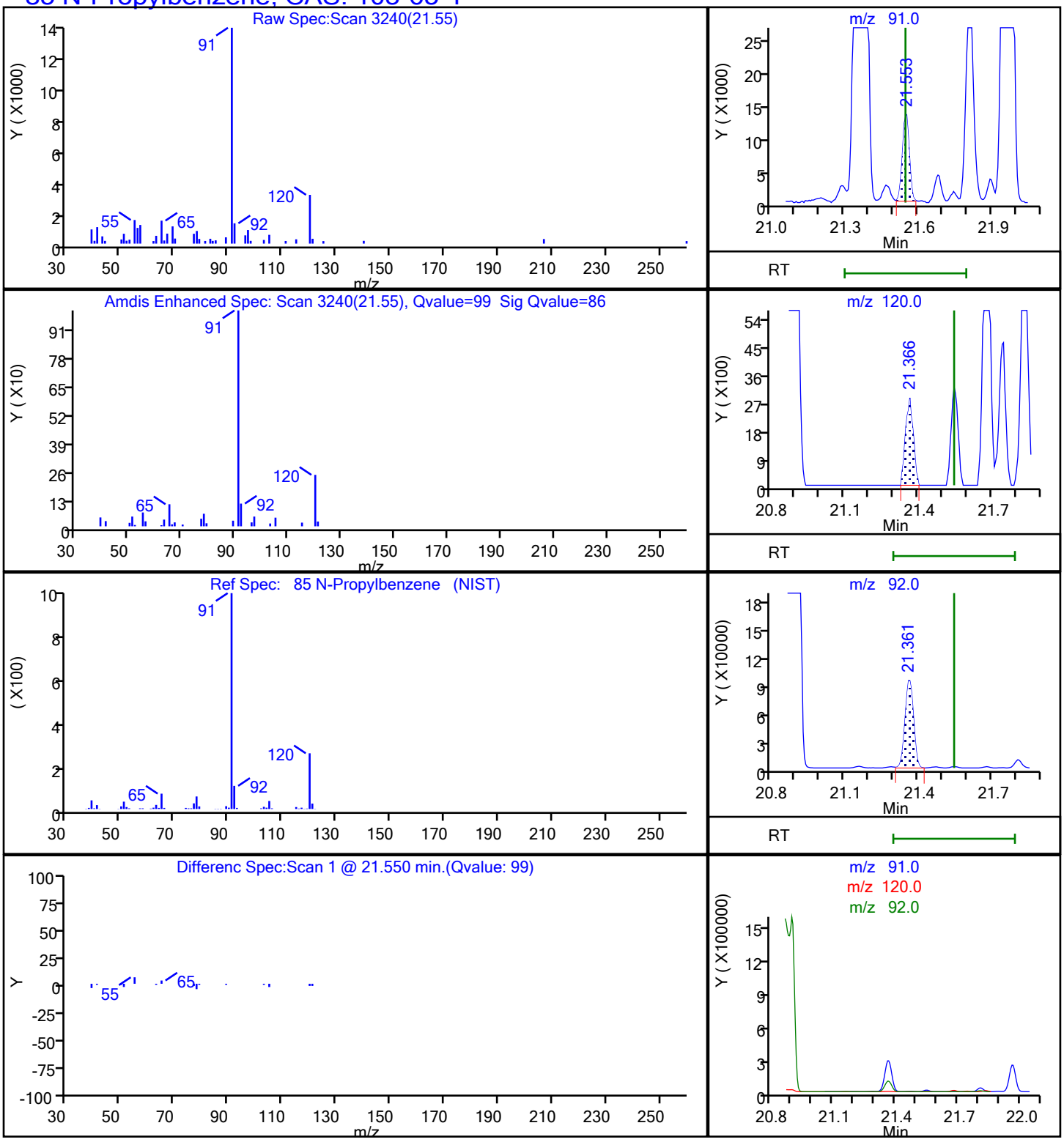




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

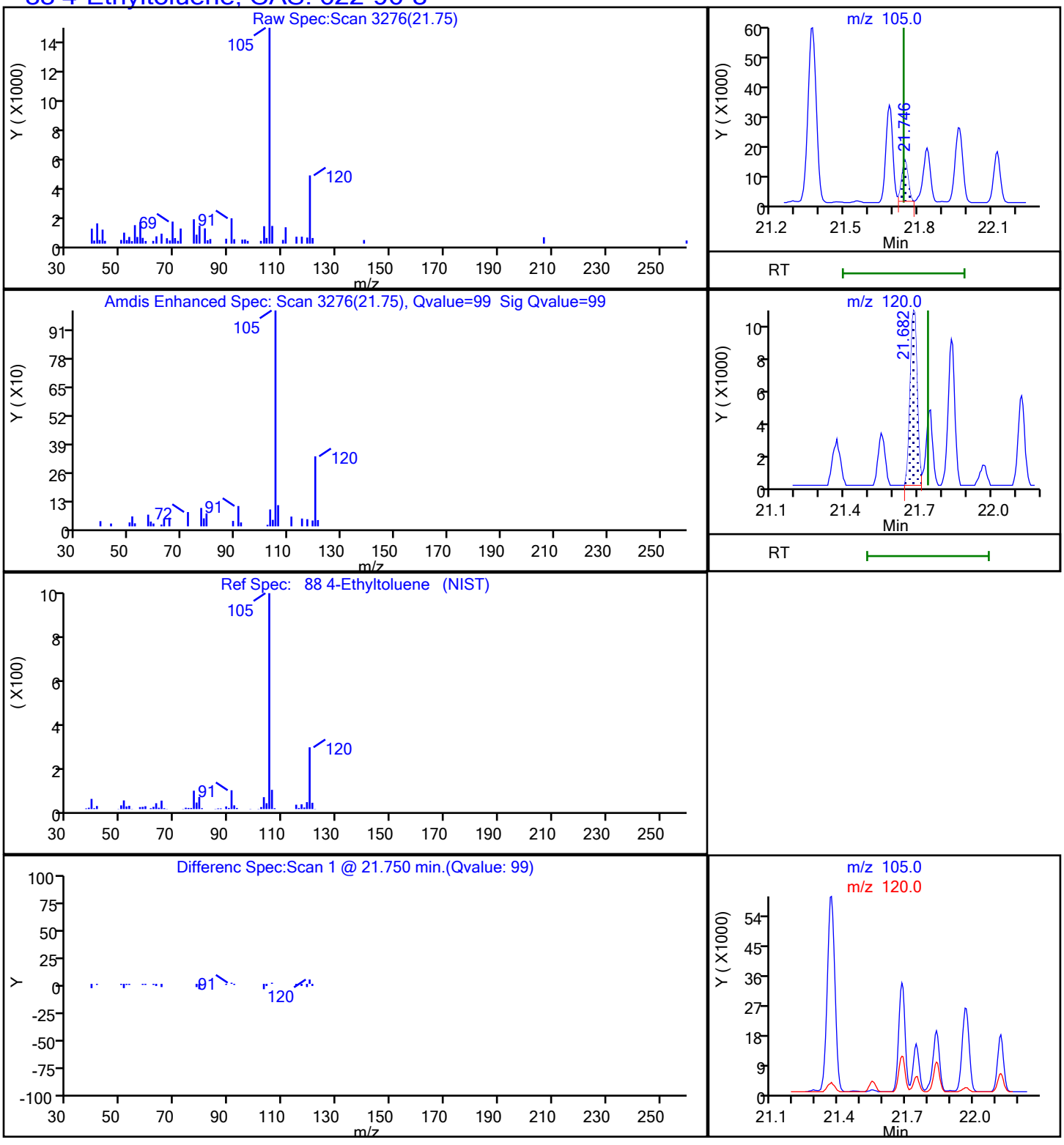
85 N-Propylbenzene, CAS: 103-65-1



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

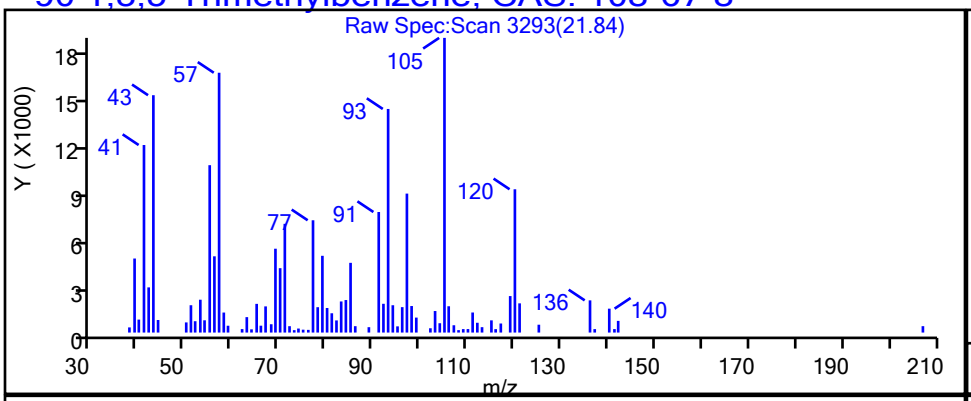
88 4-Ethyltoluene, CAS: 622-96-8

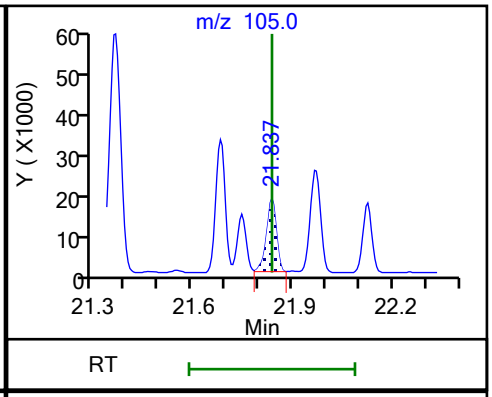


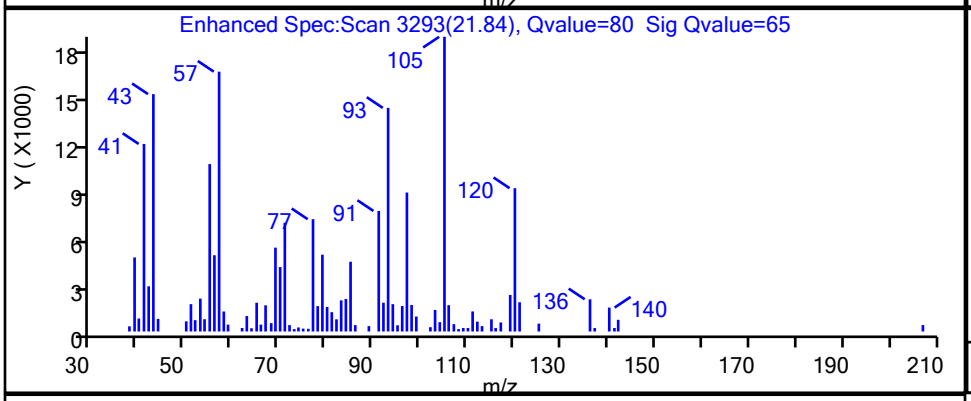
Eurofins TestAmerica, Burlington

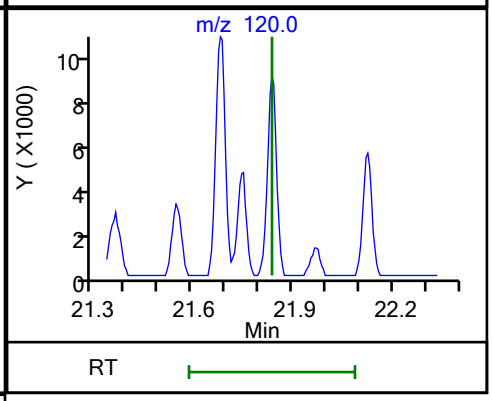
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

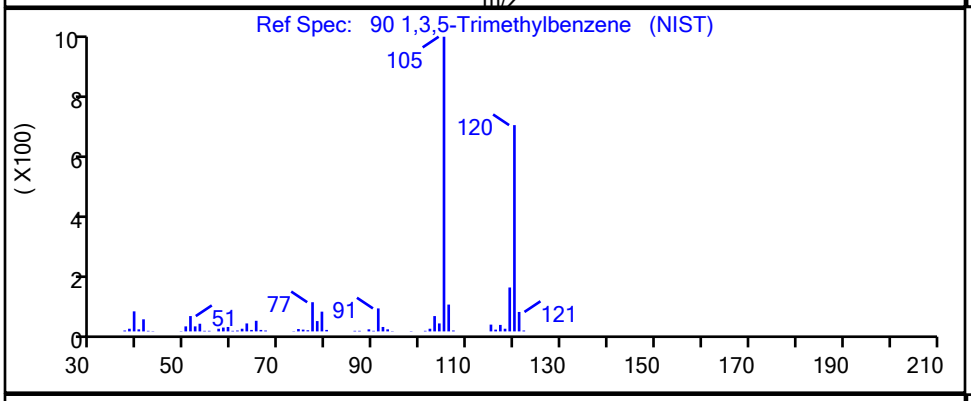
90 1,3,5-Trimethylbenzene, CAS: 108-67-8

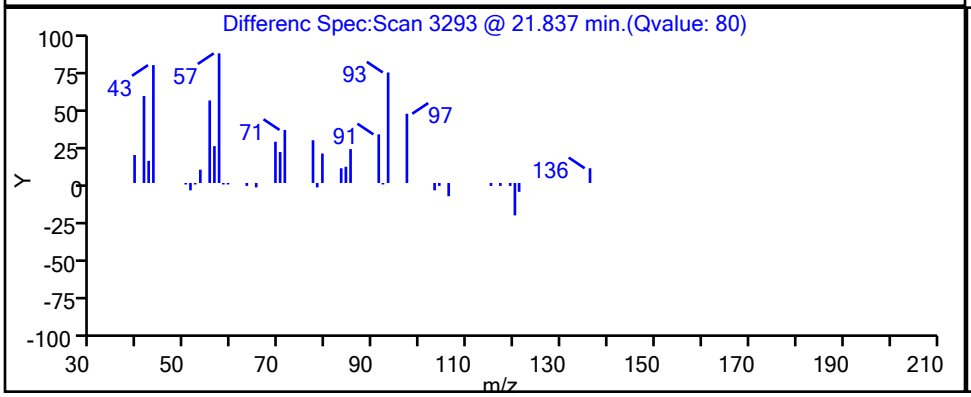


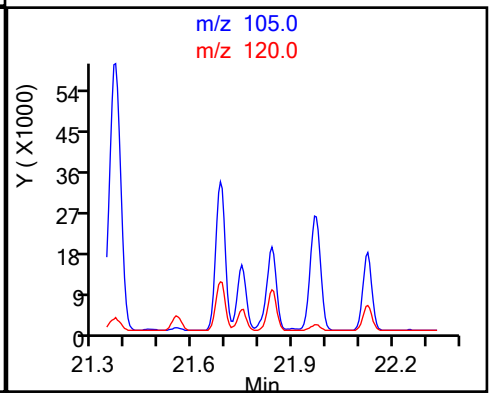










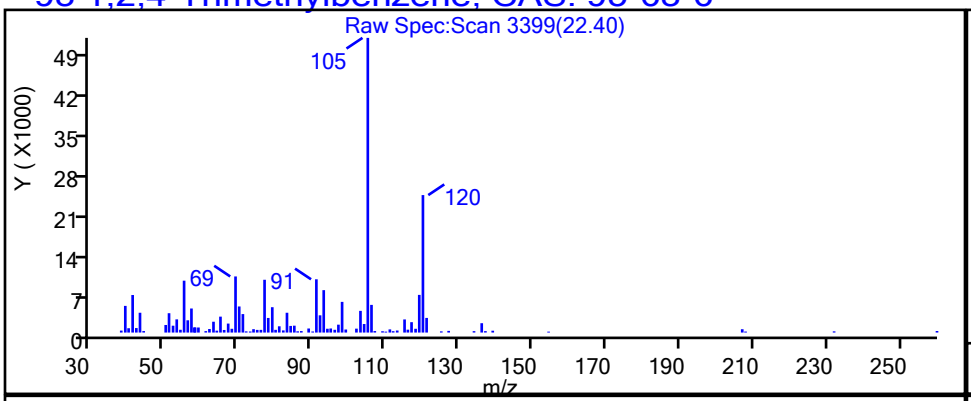


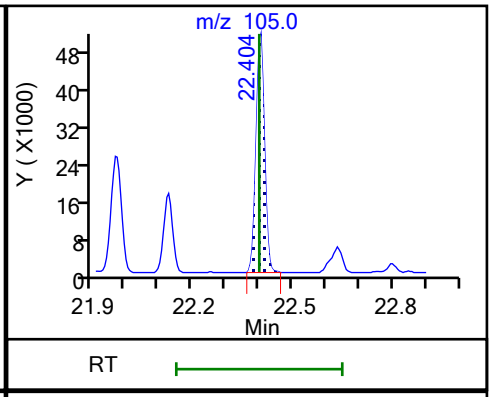
Report Date: 03-May-2021 11:33:24 Chrom Revision: 2.3 08-Apr-2021 17:17:48

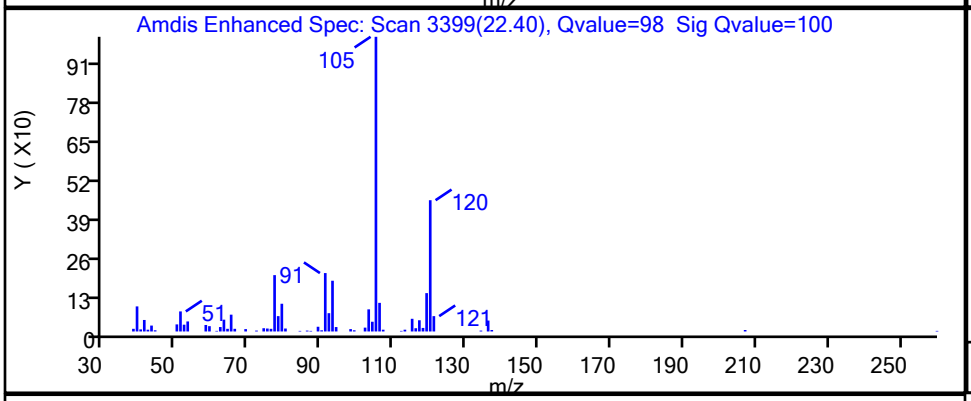
Eurofins TestAmerica, Burlington

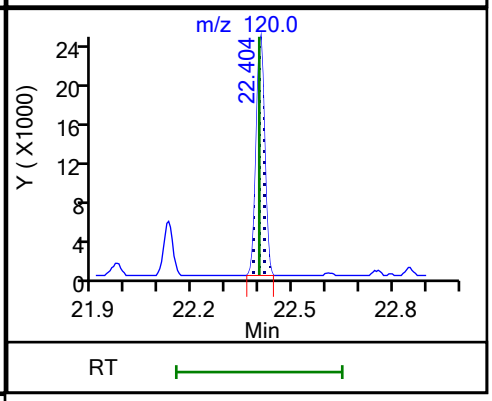
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

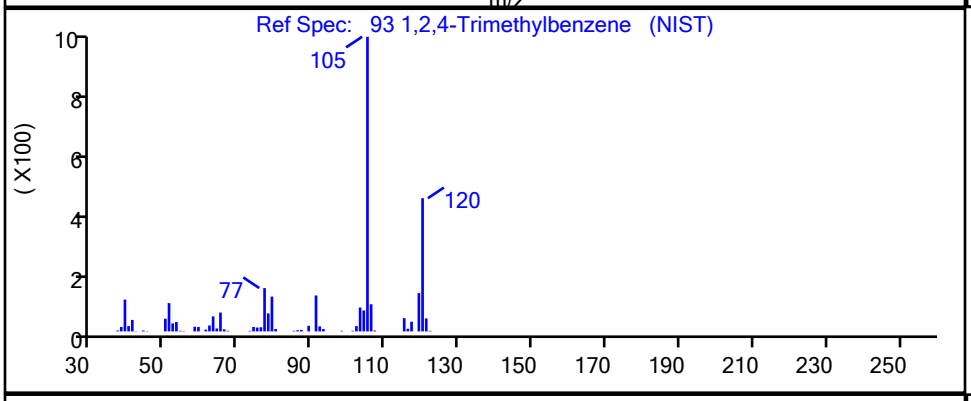
93 1,2,4-Trimethylbenzene, CAS: 95-63-6

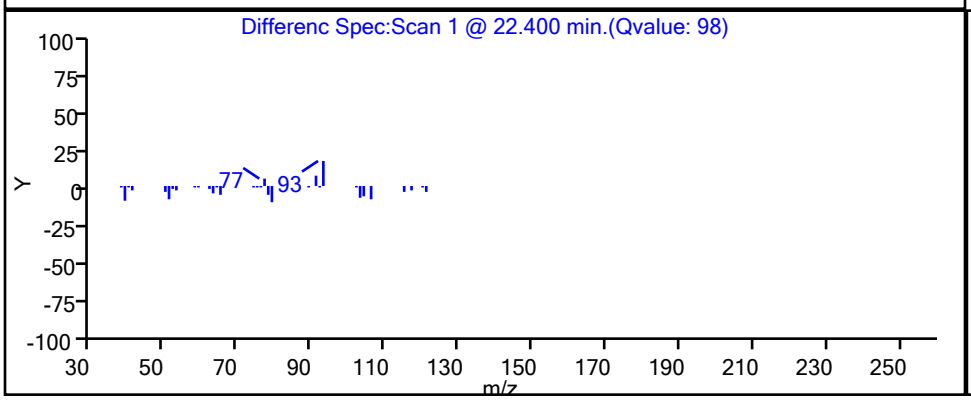


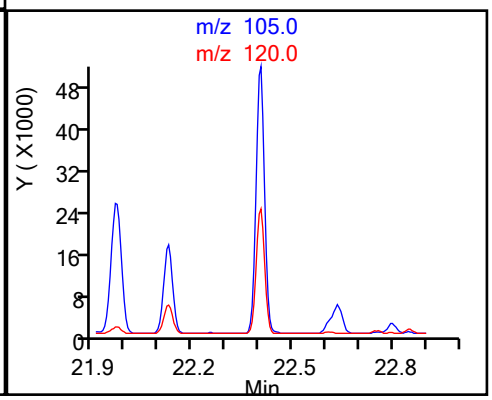








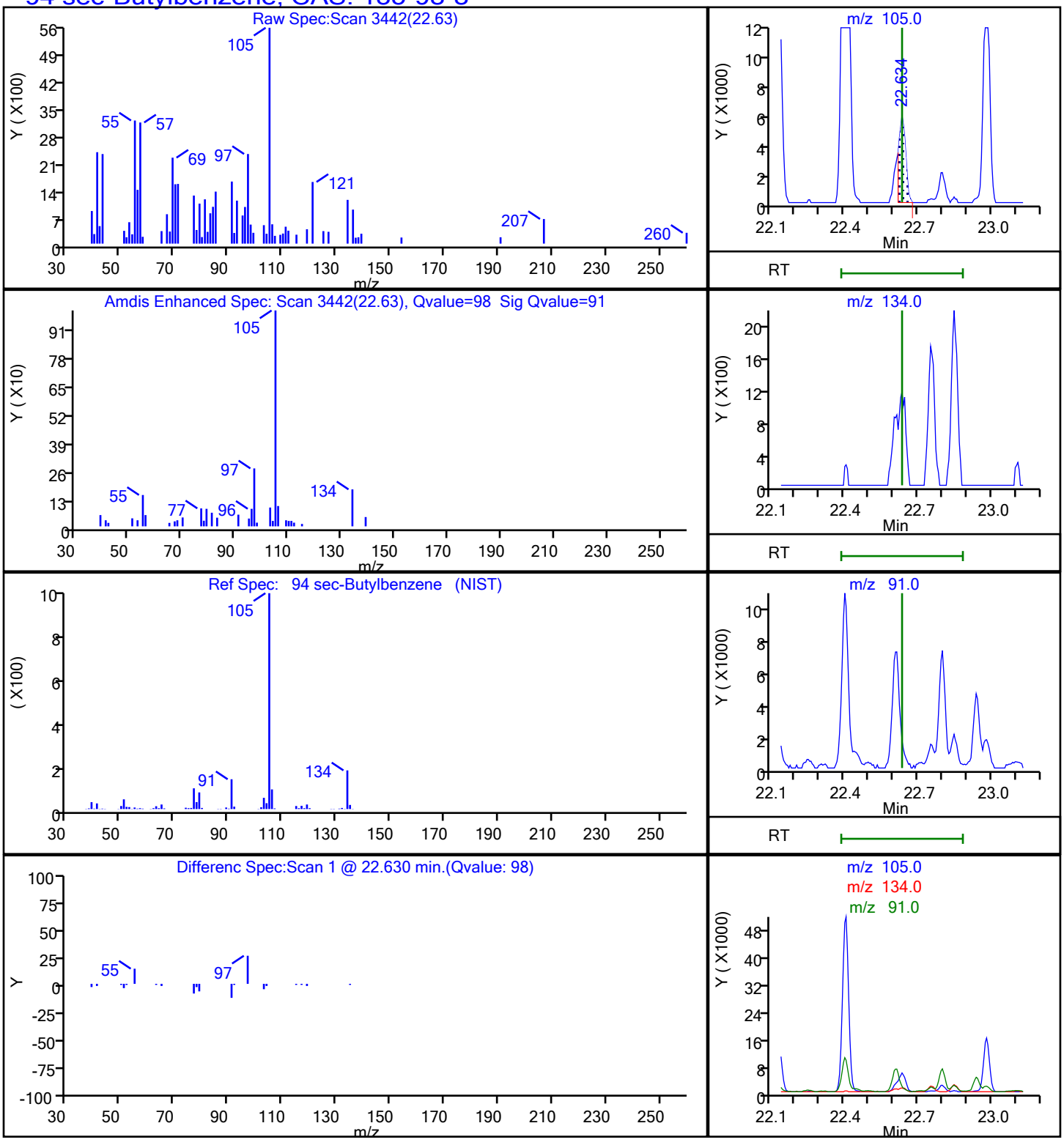




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 sec-Butylbenzene, CAS: 135-98-8

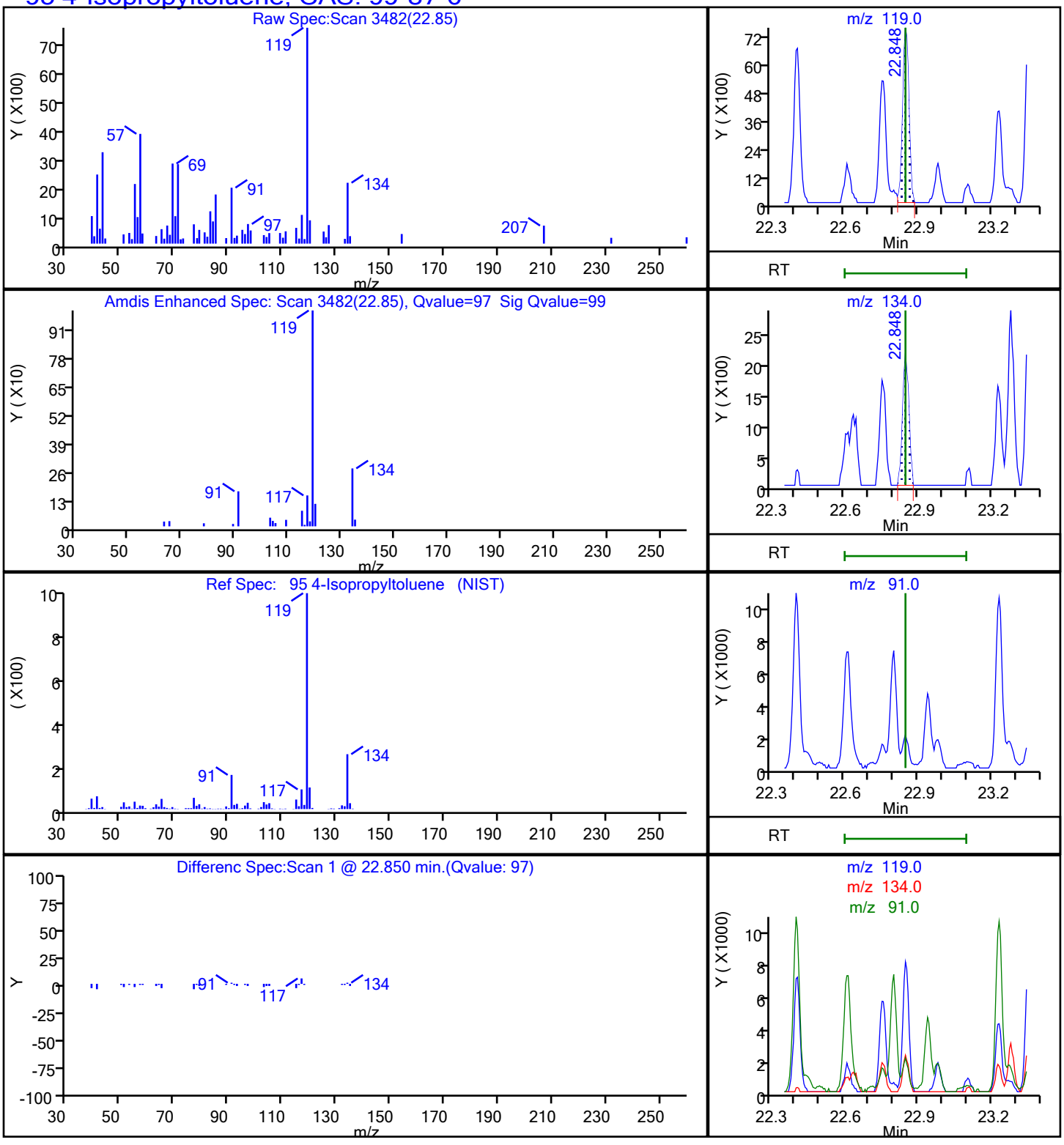


Report Date: 03-May-2021 11:33:24 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

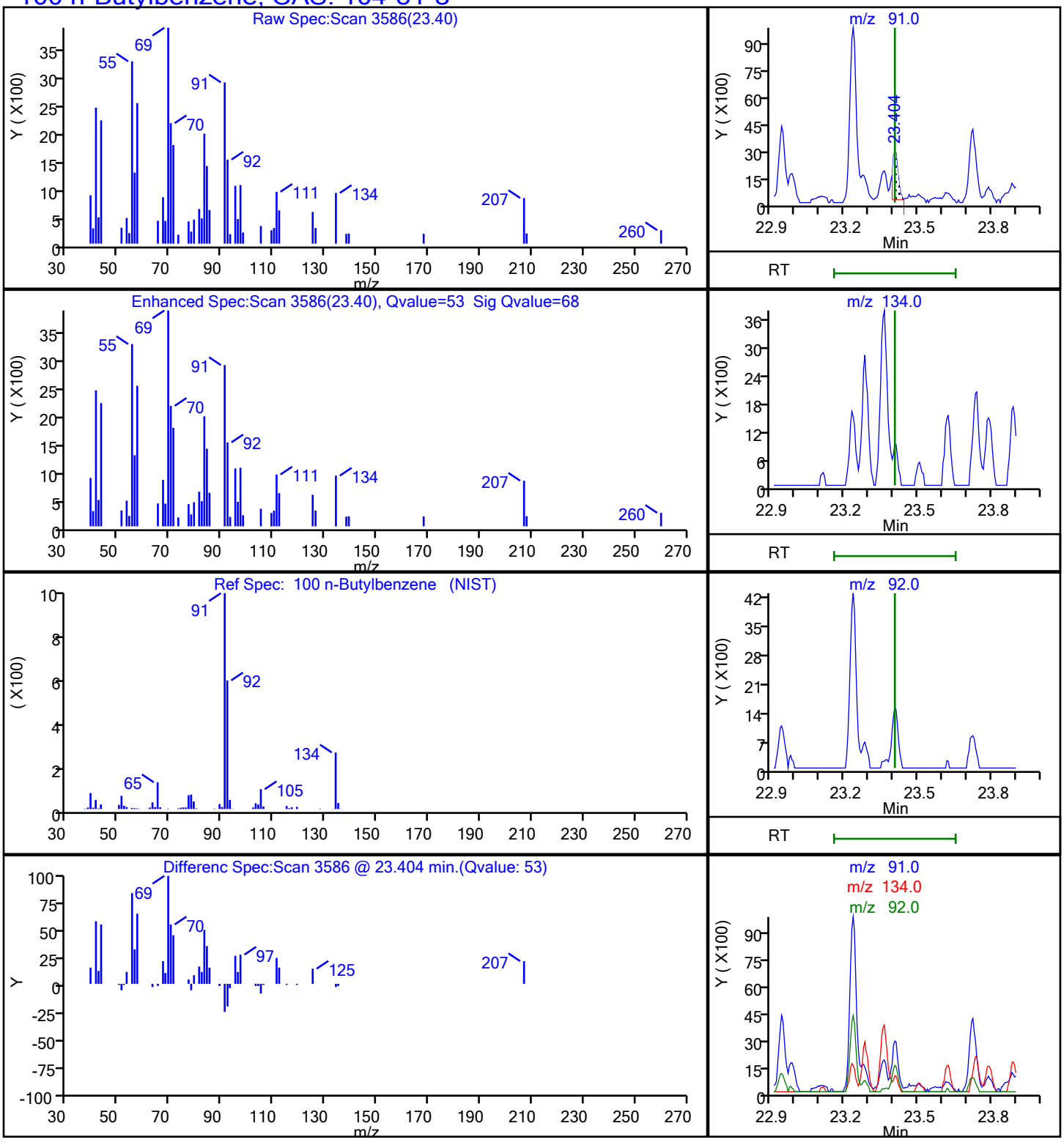
95 4-Isopropyltoluene, CAS: 99-87-6



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

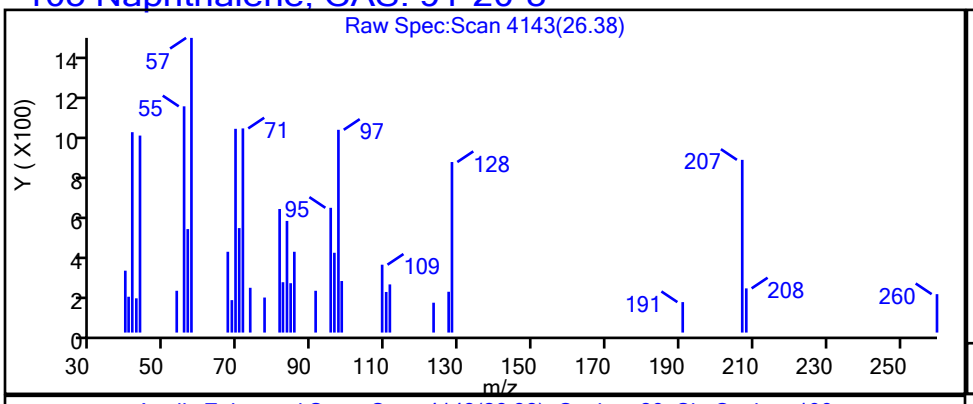
100 n-Butylbenzene, CAS: 104-51-8

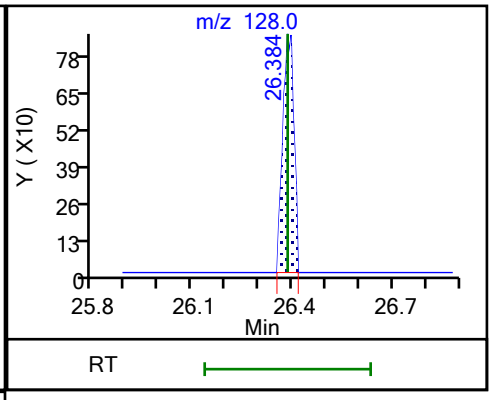


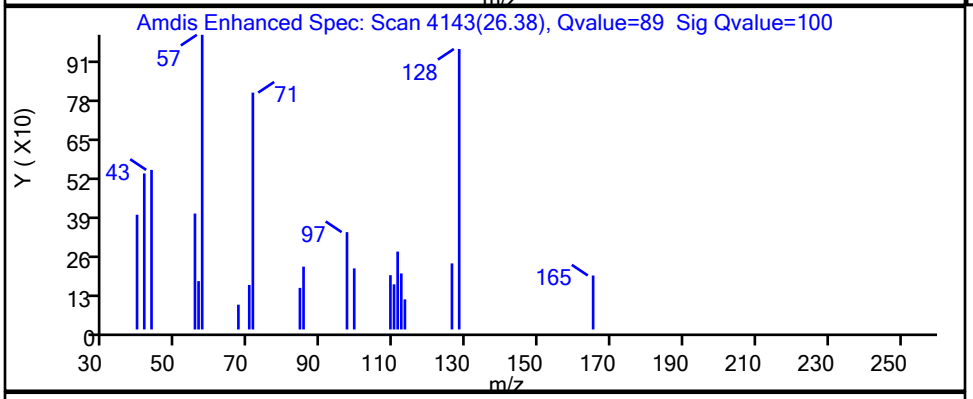
Eurofins TestAmerica, Burlington

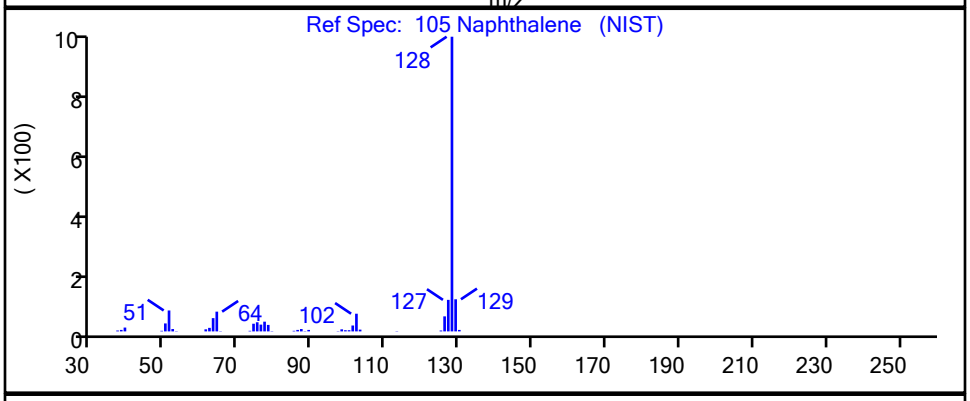
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

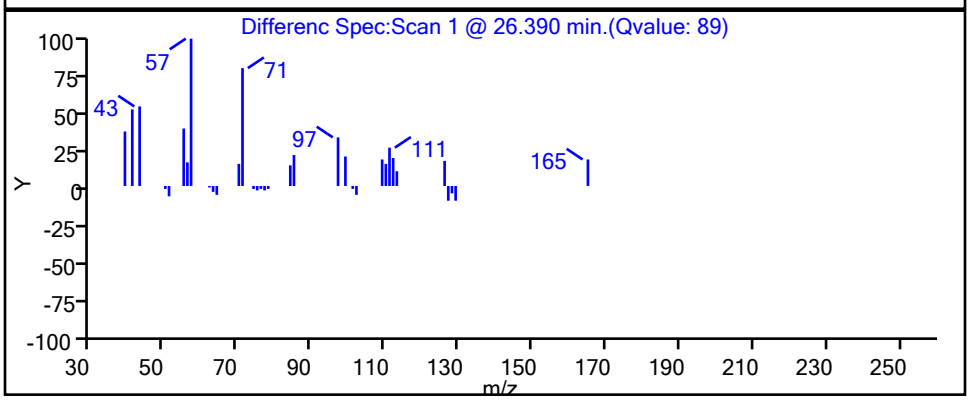
105 Naphthalene, CAS: 91-20-3











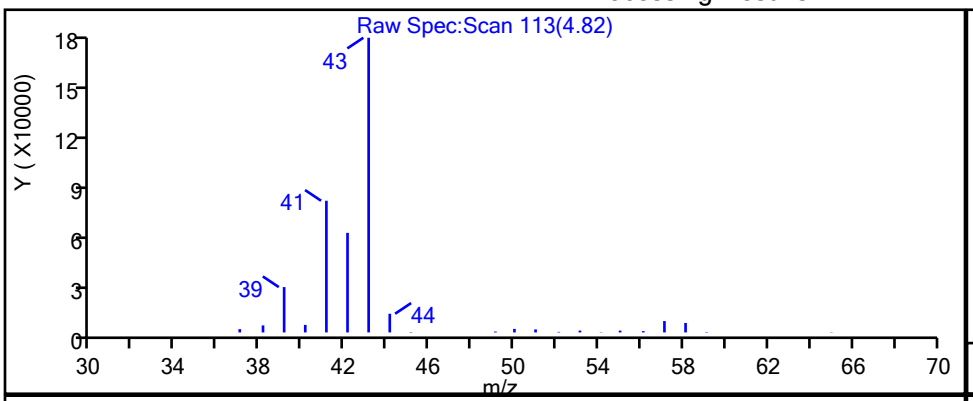
User Disabled Compound Report

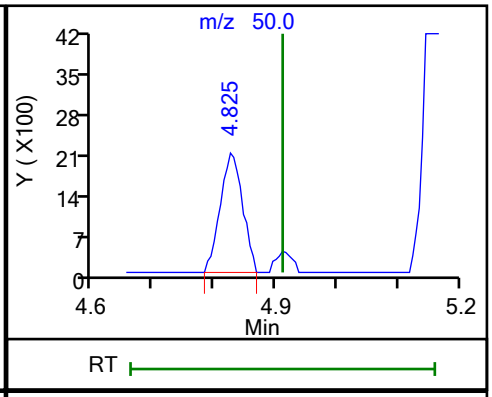
Eurofins TestAmerica, Burlington

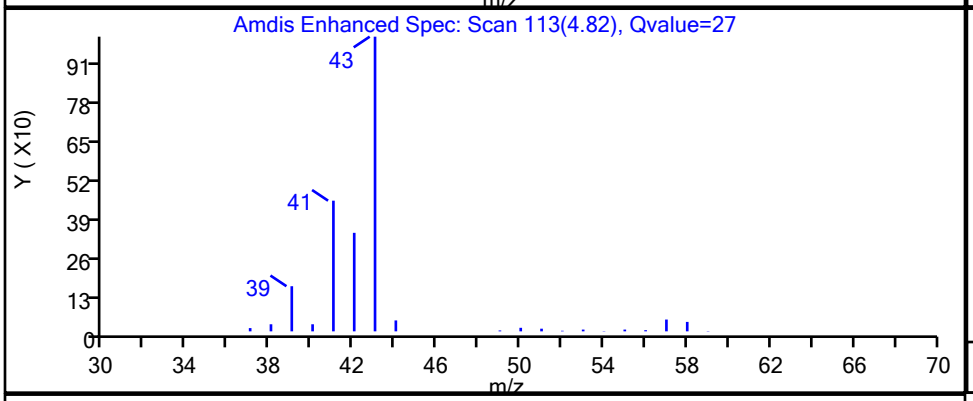
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

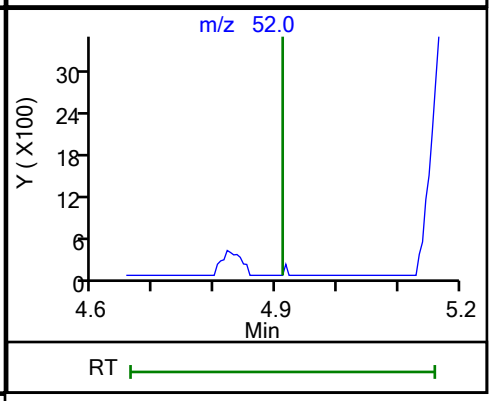
5 Chloromethane, CAS: 74-87-3

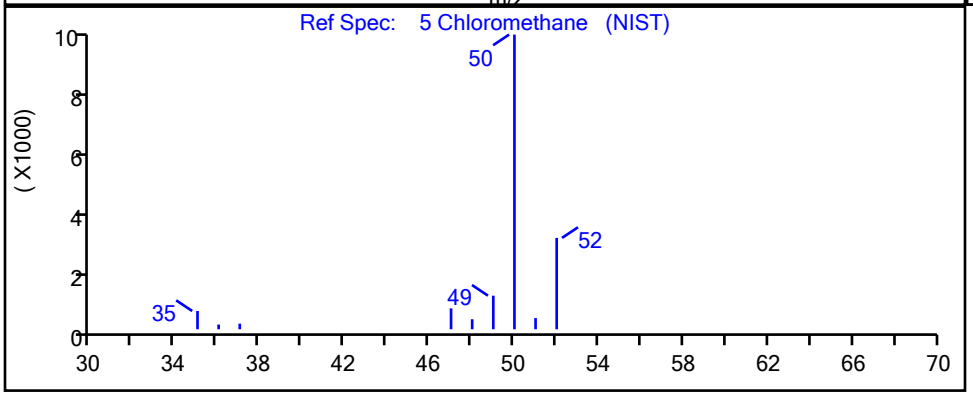
Processing Results











RT	Mass	Response	Amount
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4.91	52.00	0	

Reviewer: bunmaa, 03-May-2021 11:25:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

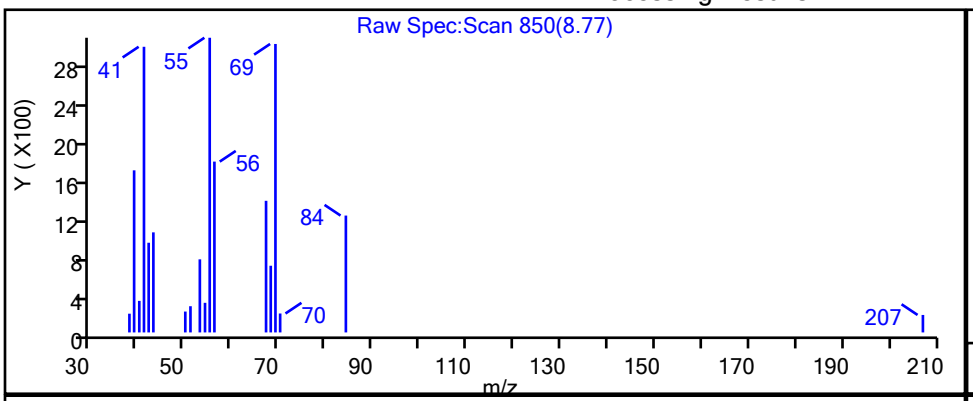
User Disabled Compound Report

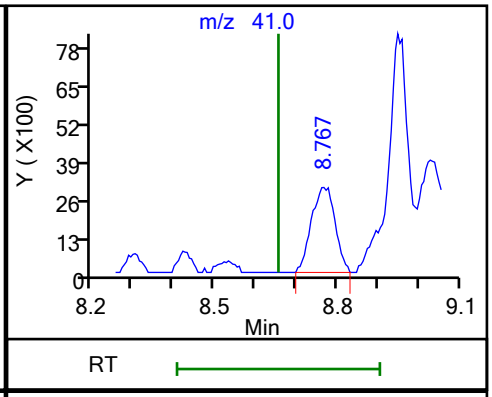
Eurofins TestAmerica, Burlington

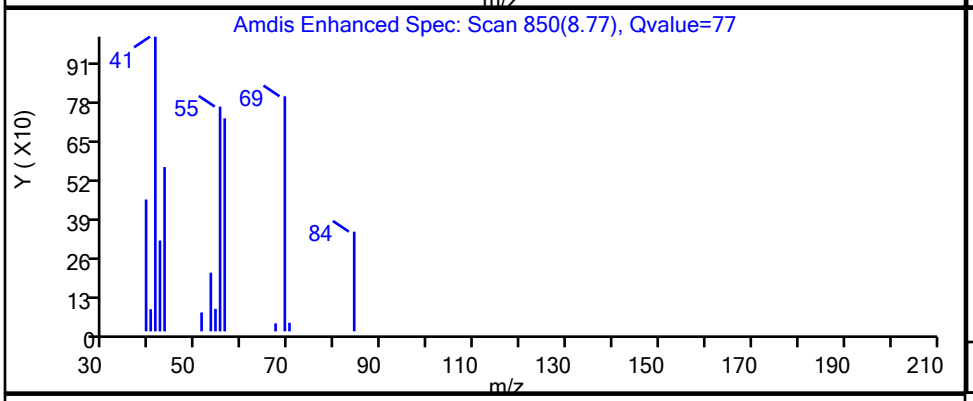
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

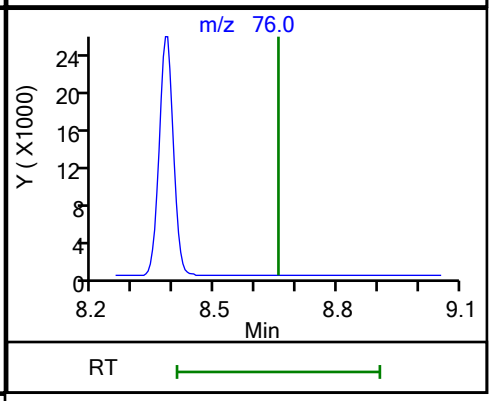
25 3-Chloro-1-propene, CAS: 107-05-1

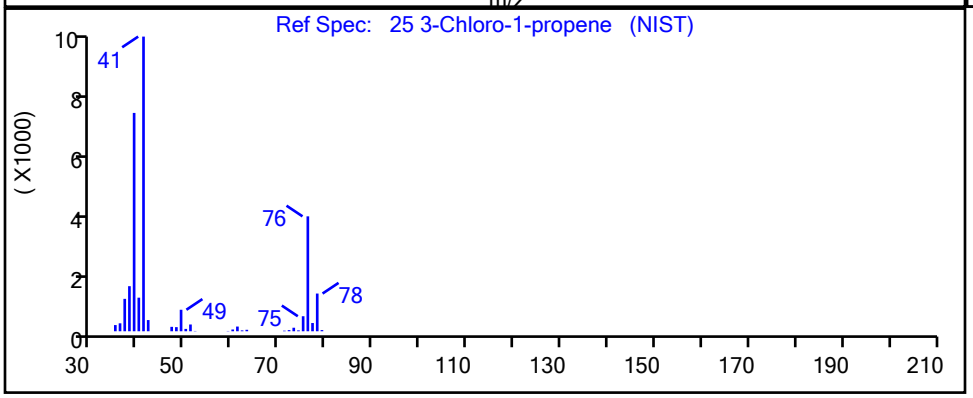
Processing Results











RT	Mass	Response	Amount
8.77	41.00	11974	1.792080
8.66	76.00	0	

Reviewer: bunmaa, 03-May-2021 11:26:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

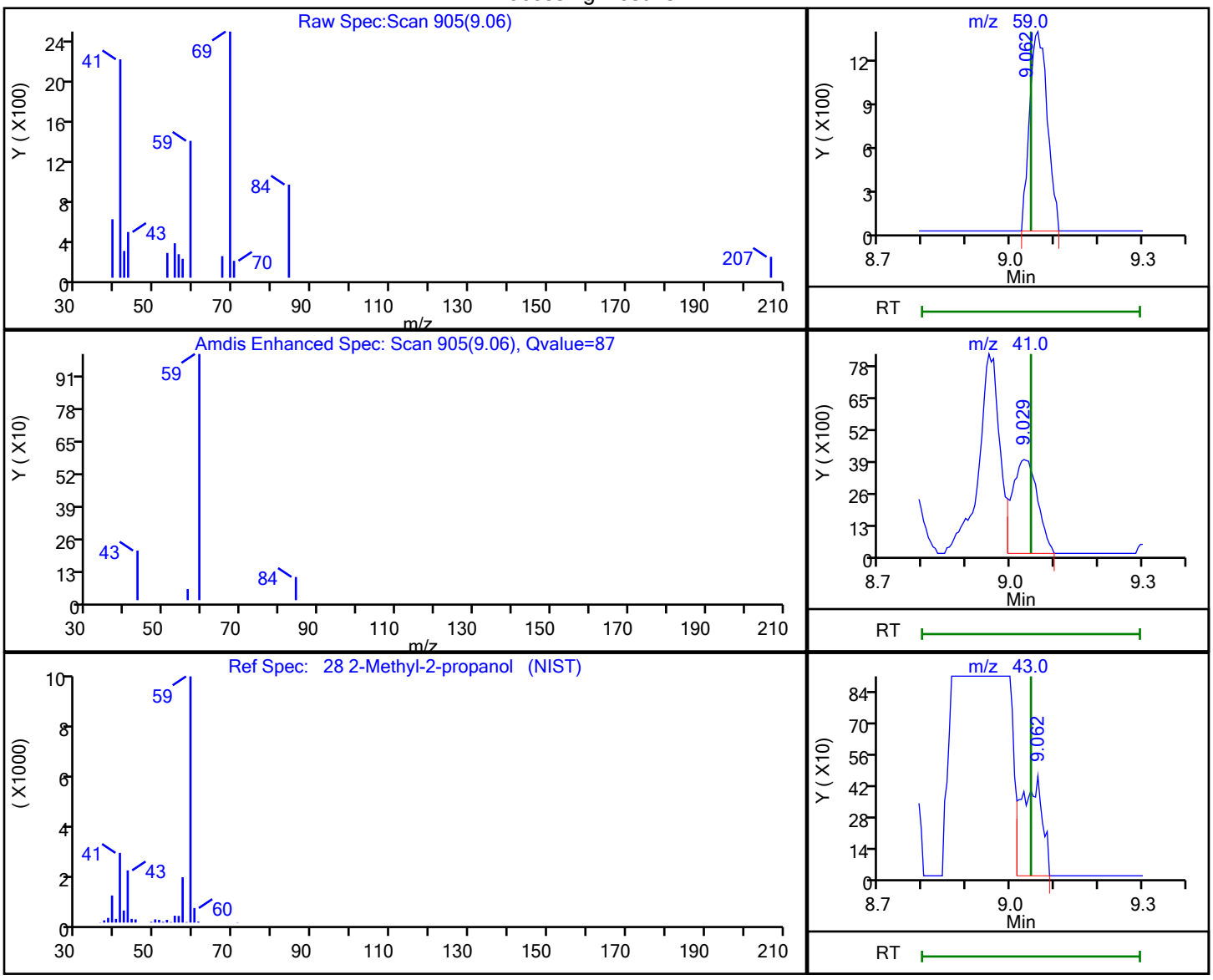
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

28 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
9.06	59.00	3816	0.323542
9.03	41.00	15761	
9.06	43.00	1471	

Reviewer: bunmaa, 03-May-2021 11:27:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

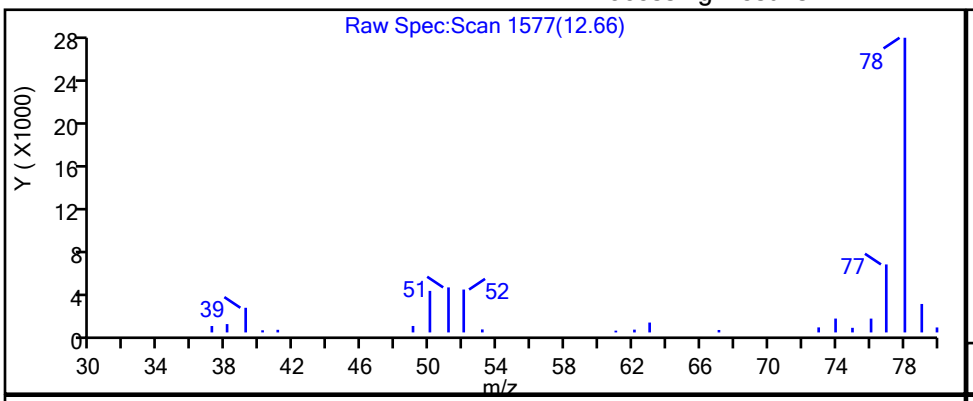
User Disabled Compound Report

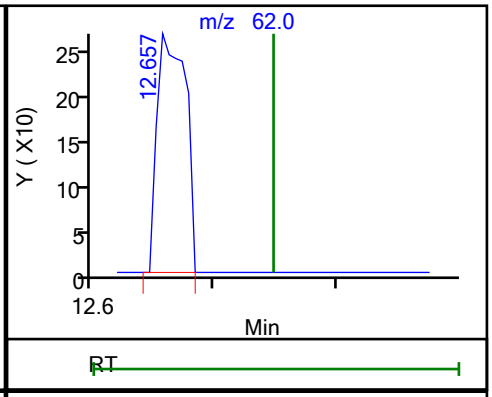
Eurofins TestAmerica, Burlington

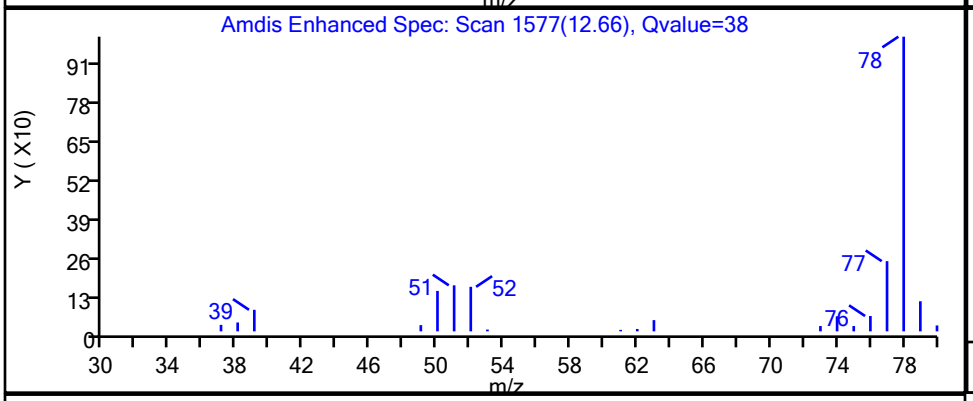
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

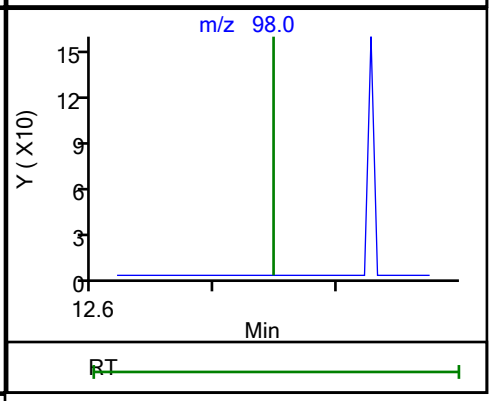
48 1,2-Dichloroethane, CAS: 107-06-2

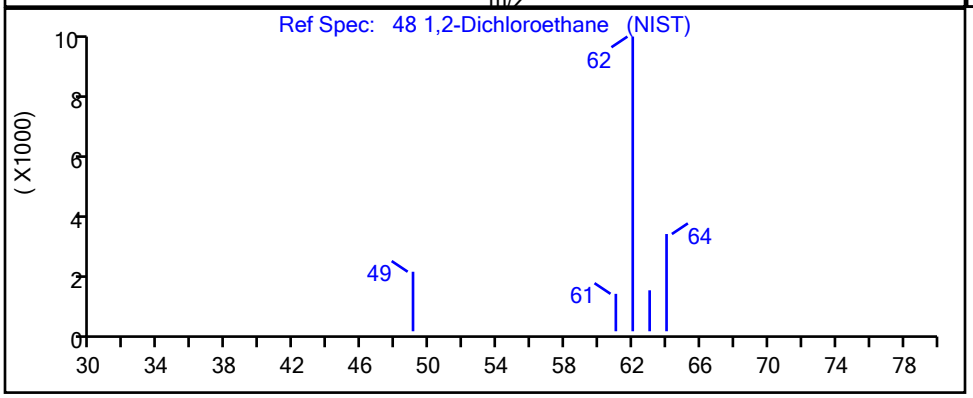
Processing Results











RT	Mass	Response	Amount
12.66	62.00	423	0.051295
12.75	98.00	0	

Reviewer: bunmaa, 03-May-2021 11:28:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

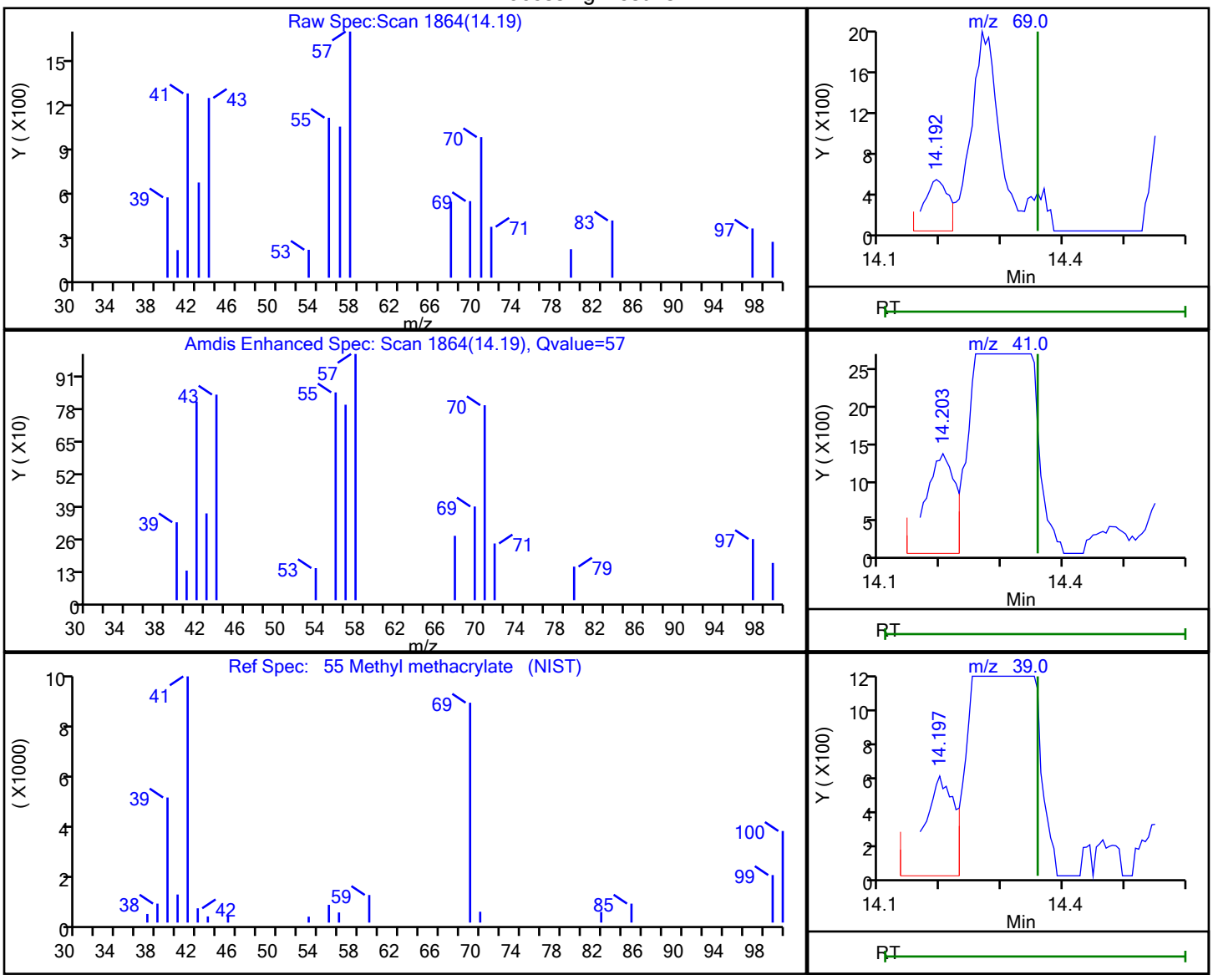
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

55 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
14.19	69.00	1378	0.197325
14.20	41.00	4373	
14.20	39.00	1916	

Reviewer: bunmaa, 03-May-2021 11:28:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

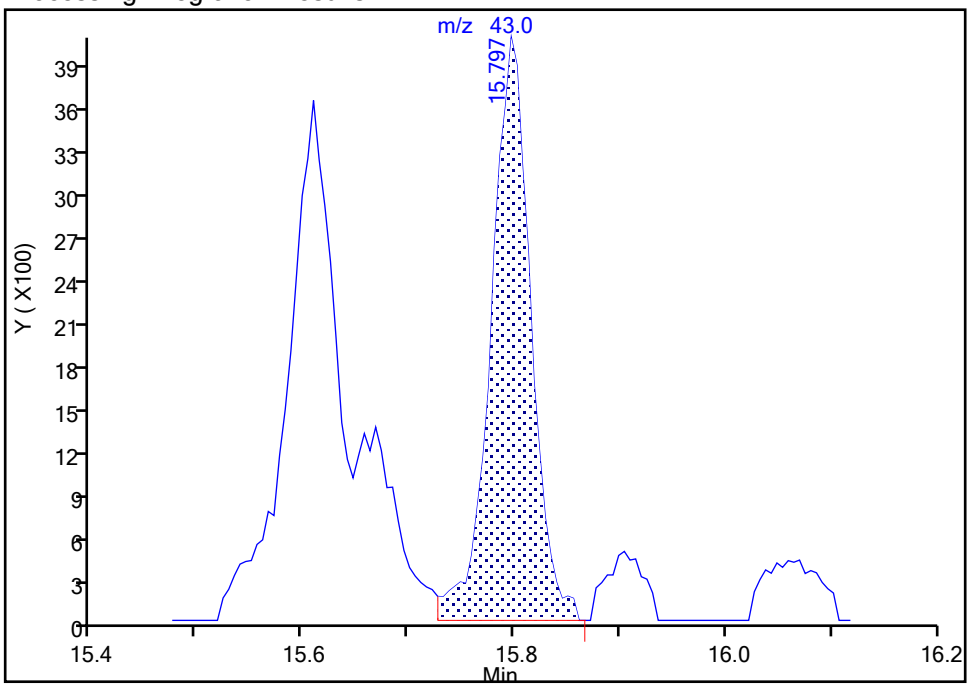
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

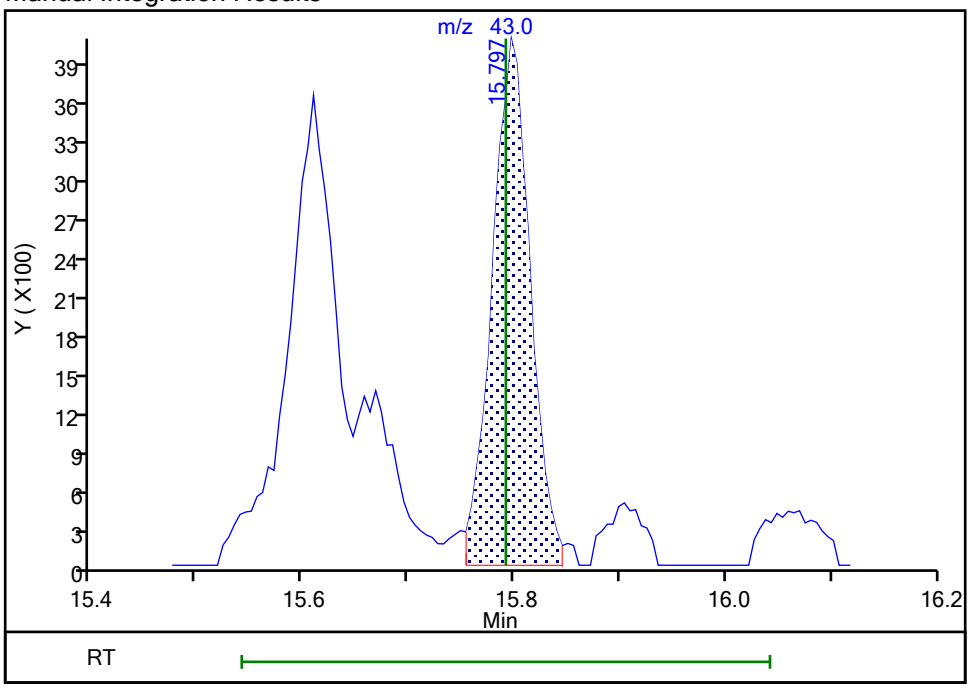
Processing Integration Results

RT: 15.80
Area: 10558
Amount: 0.827801
Amount Units: ppb v/v



Manual Integration Results

RT: 15.80
Area: 10125
Amount: 0.793852
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:28:47

Audit Action: Manually Integrated Audit Reason: Assign Peak

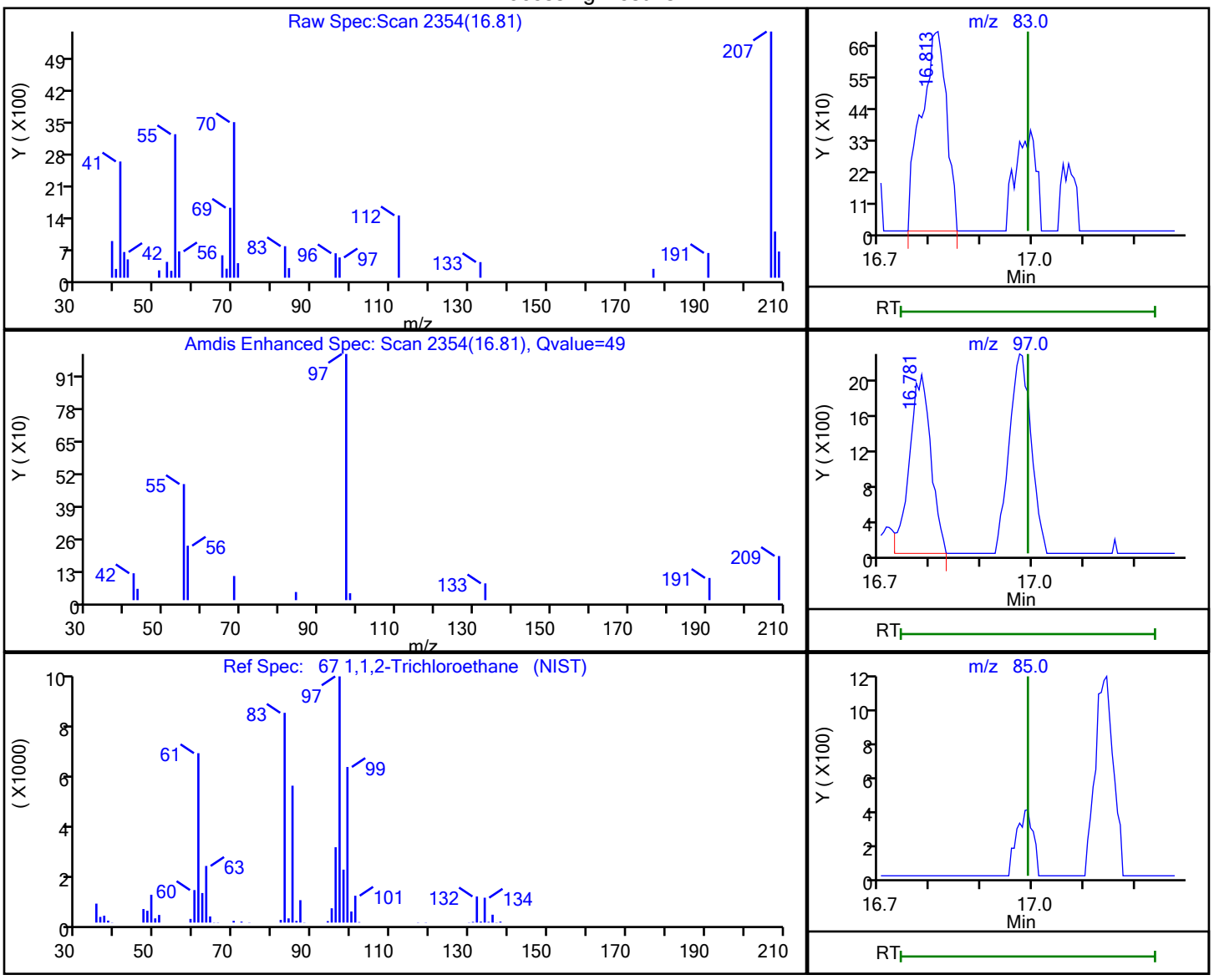
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
16.81	83.00	2435	0.354229
16.78	97.00	6021	
16.99	85.00	0	

Reviewer: bunmaa, 03-May-2021 11:29:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

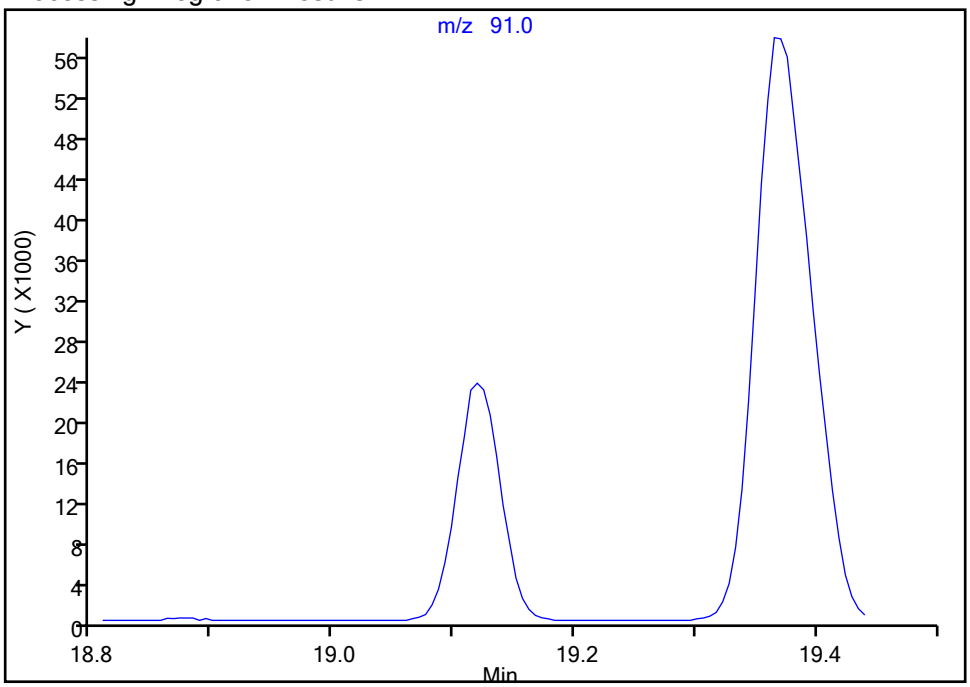
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 Ethylbenzene, CAS: 100-41-4

Signal: 1

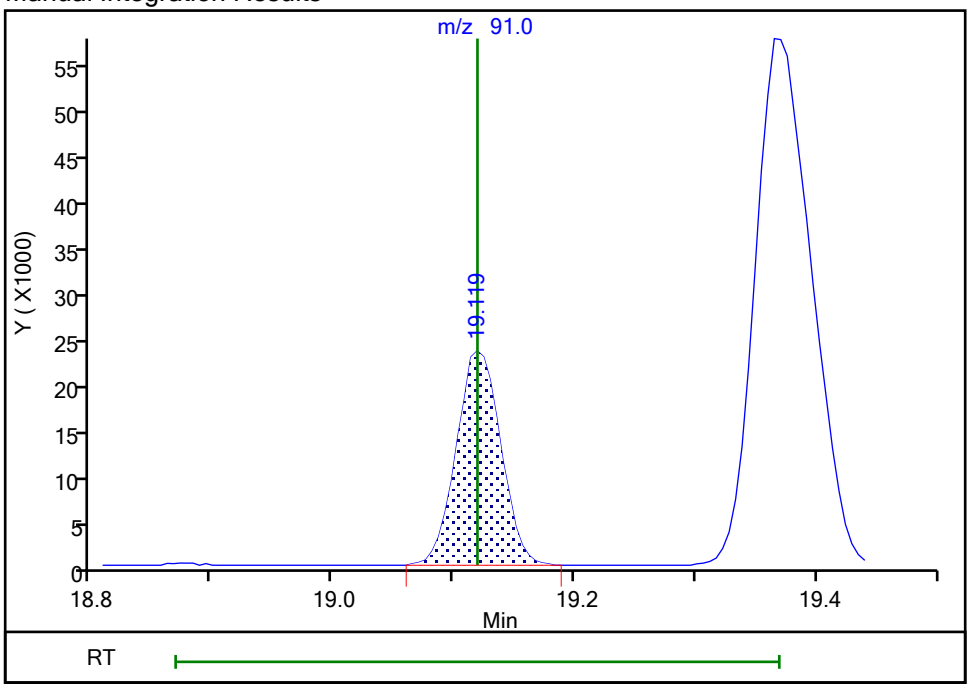
Not Detected
Expected RT: 19.12

Processing Integration Results



Manual Integration Results

RT: 19.12
Area: 59152
Amount: 1.957082
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:29:33
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

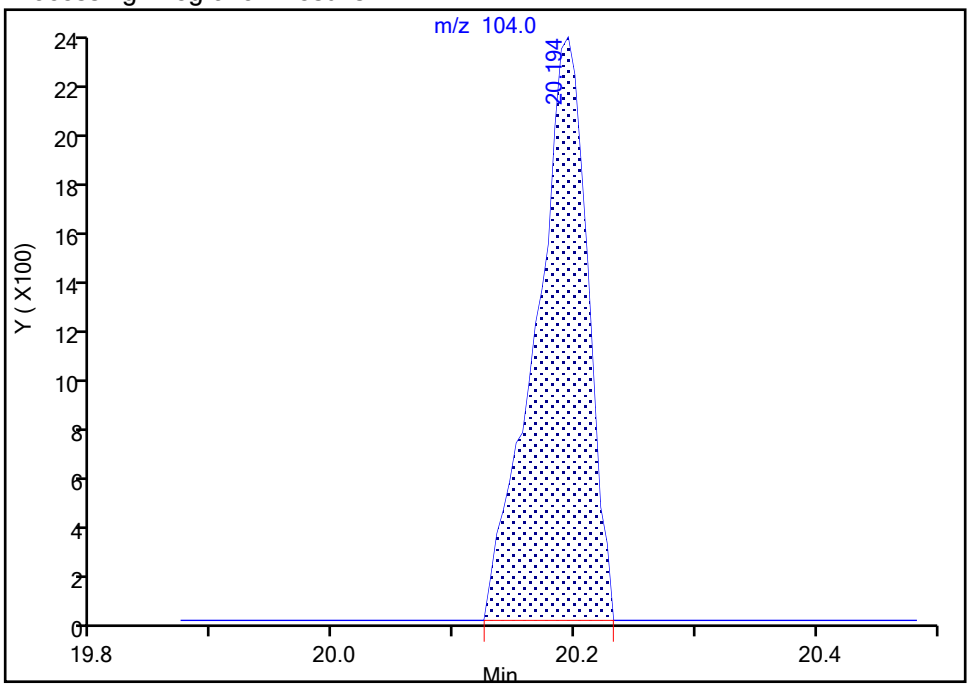
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 Styrene, CAS: 100-42-5

Signal: 1

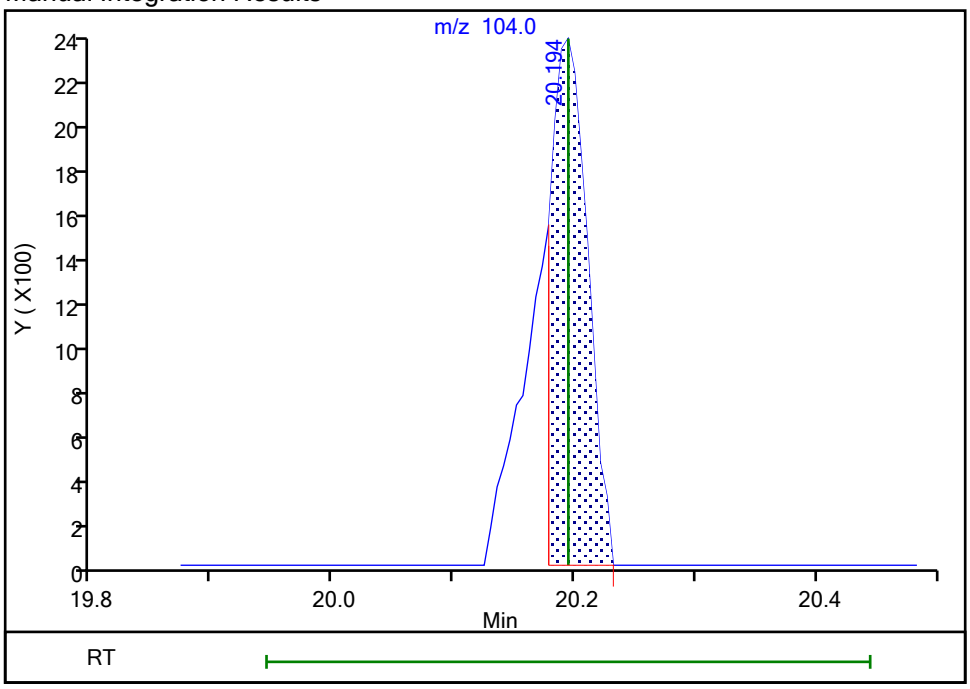
Processing Integration Results

RT: 20.19
Area: 6961
Amount: 0.441586
Amount Units: ppb v/v



Manual Integration Results

RT: 20.19
Area: 4895
Amount: 0.310525
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:30:02

Audit Action: Manually Integrated Audit Reason: Assign Peak

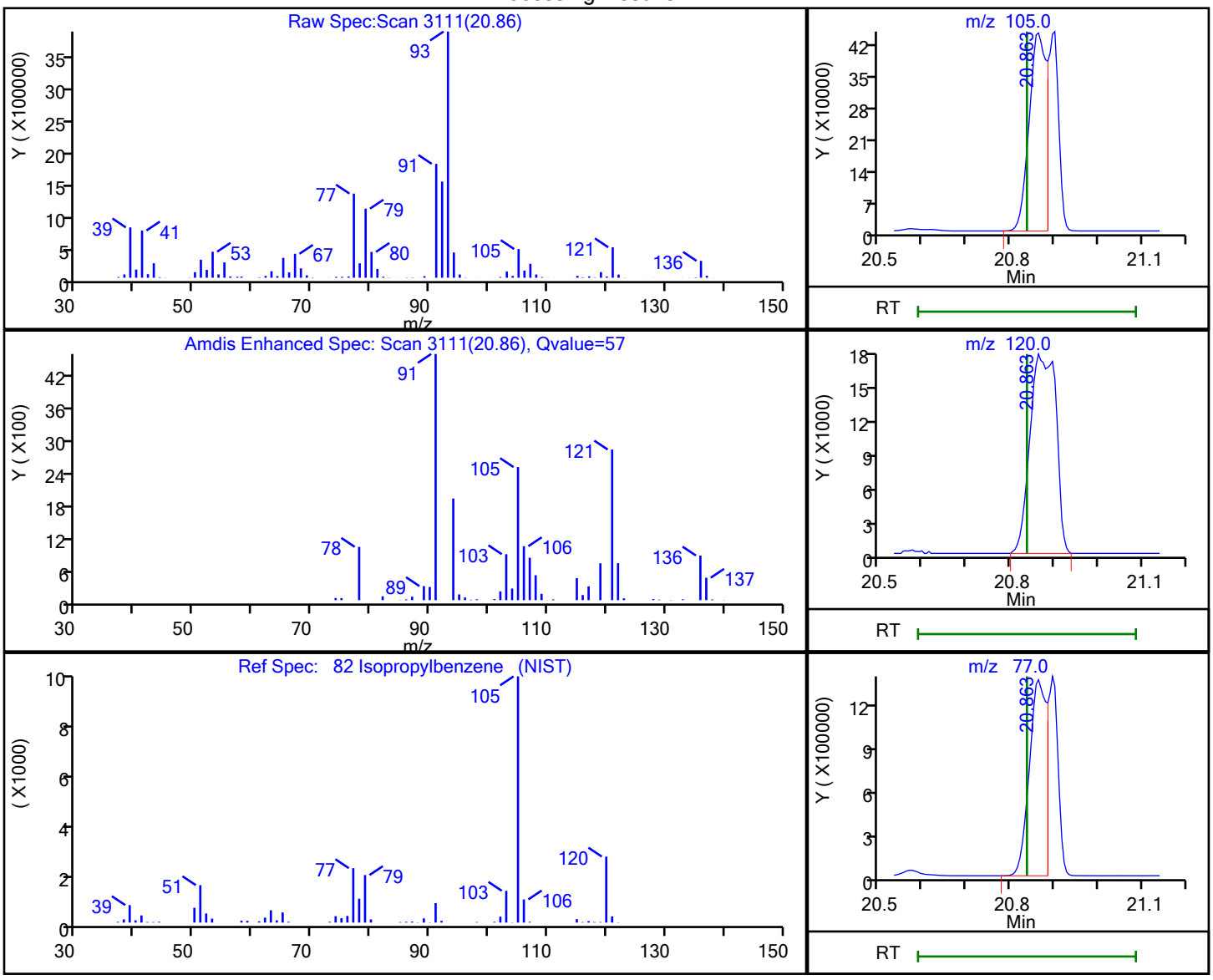
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
20.86	105.00	1250803	39.781105
20.86	120.00	74232	
20.86	77.00	3667381	

Reviewer: bunmaa, 03-May-2021 11:30:38

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

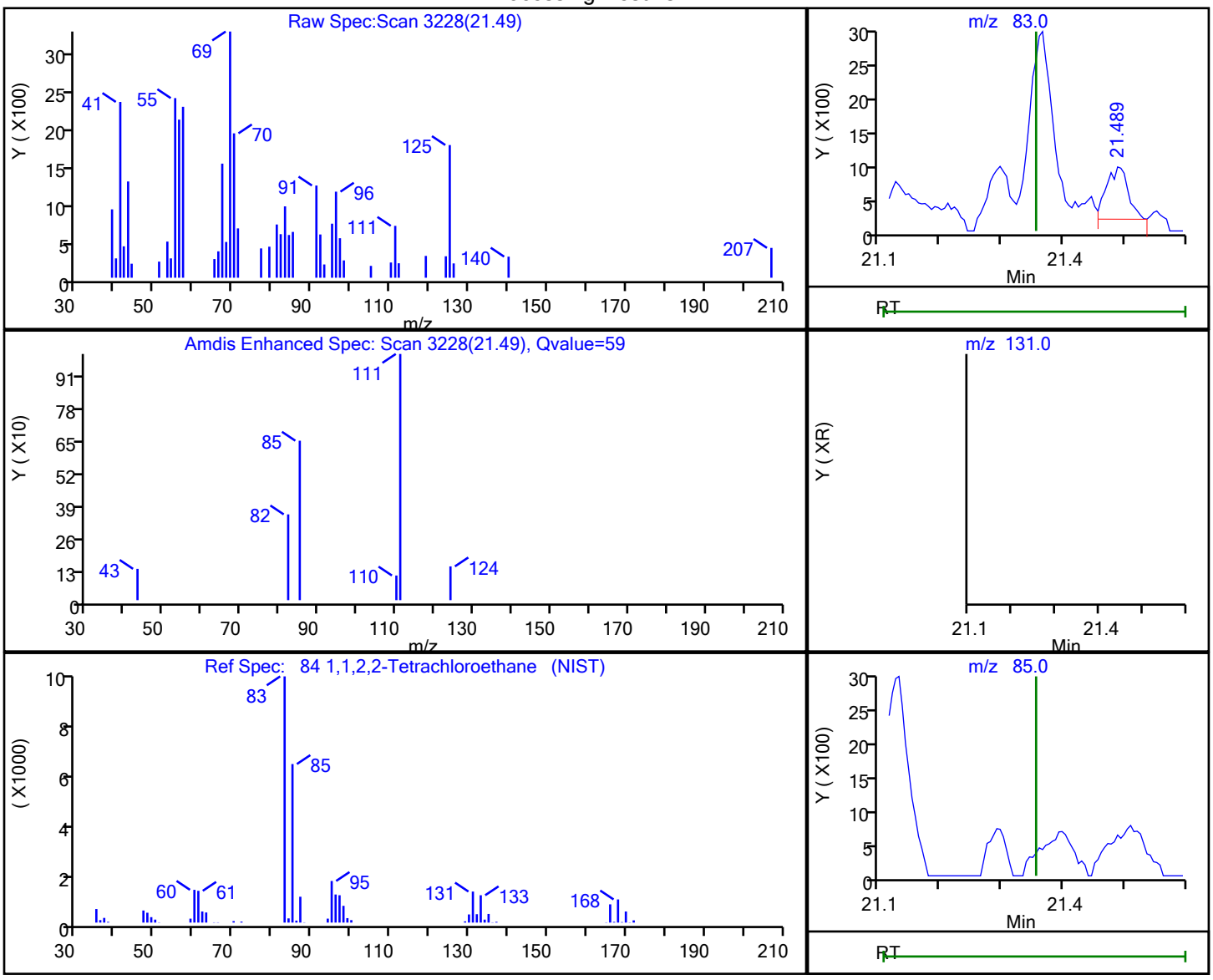
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

84 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
21.49	83.00	1911	0.127959
21.36	131.00	0	
21.36	85.00	0	

Reviewer: bunmaa, 03-May-2021 11:30:54

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

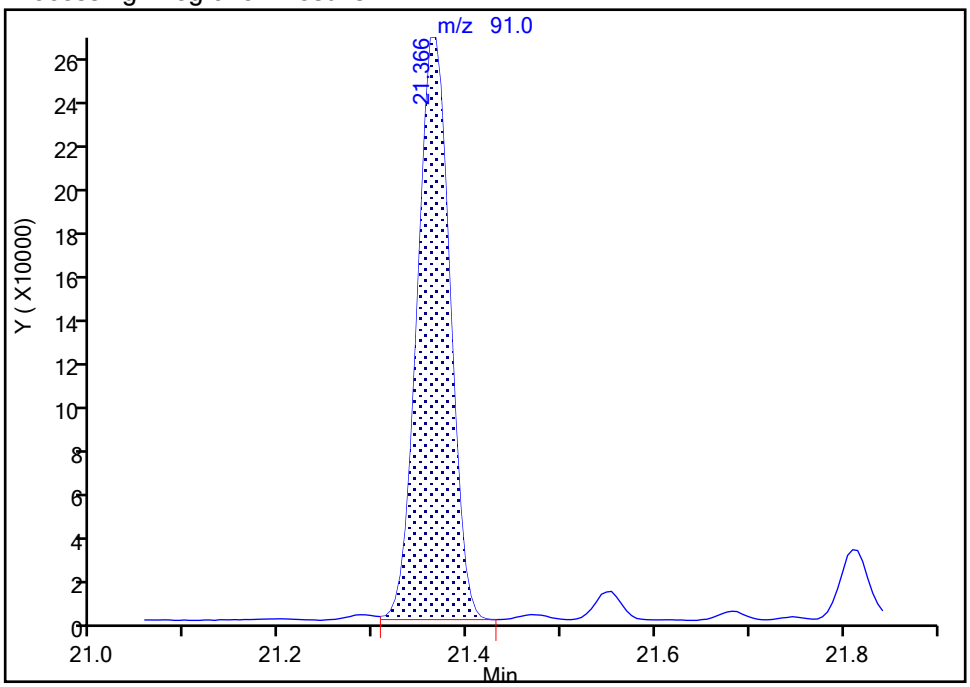
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1

Signal: 1

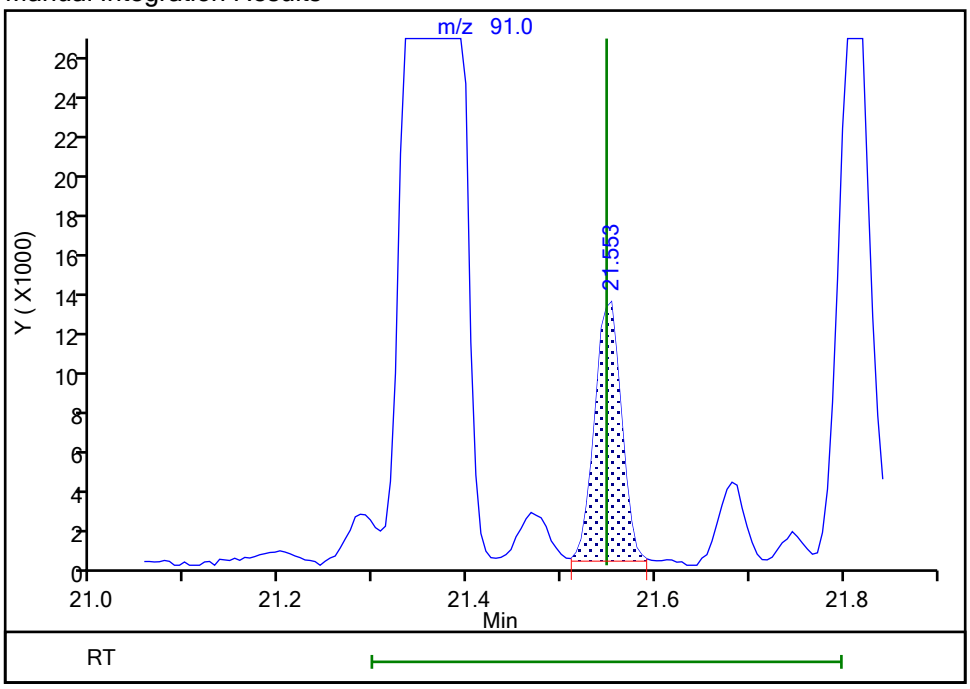
Processing Integration Results

RT: 21.37
Area: 642389
Amount: 19.769162
Amount Units: ppb v/v



Manual Integration Results

RT: 21.55
Area: 25863
Amount: 0.795919
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:31:05

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

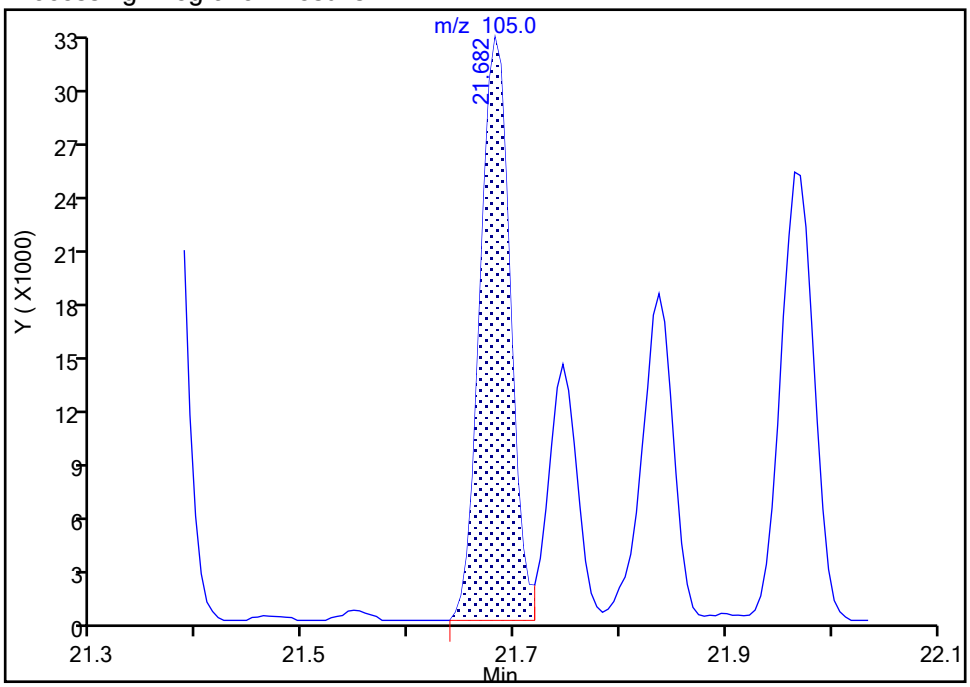
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

88 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

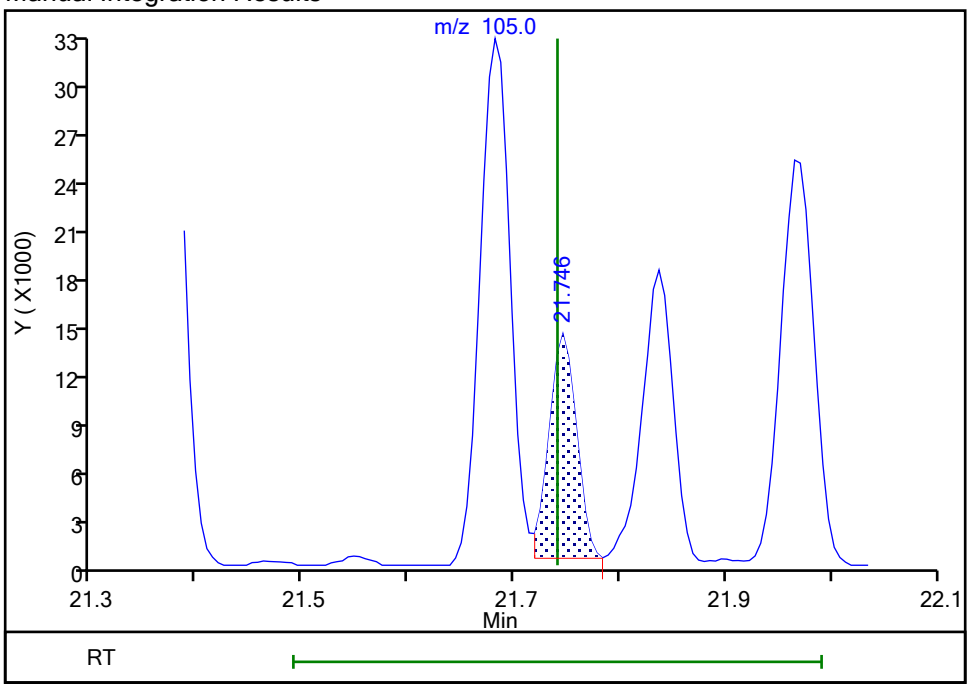
Processing Integration Results

RT: 21.68
Area: 65799
Amount: 2.436433
Amount Units: ppb v/v



Manual Integration Results

RT: 21.75
Area: 25437
Amount: 0.941892
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:31:41

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

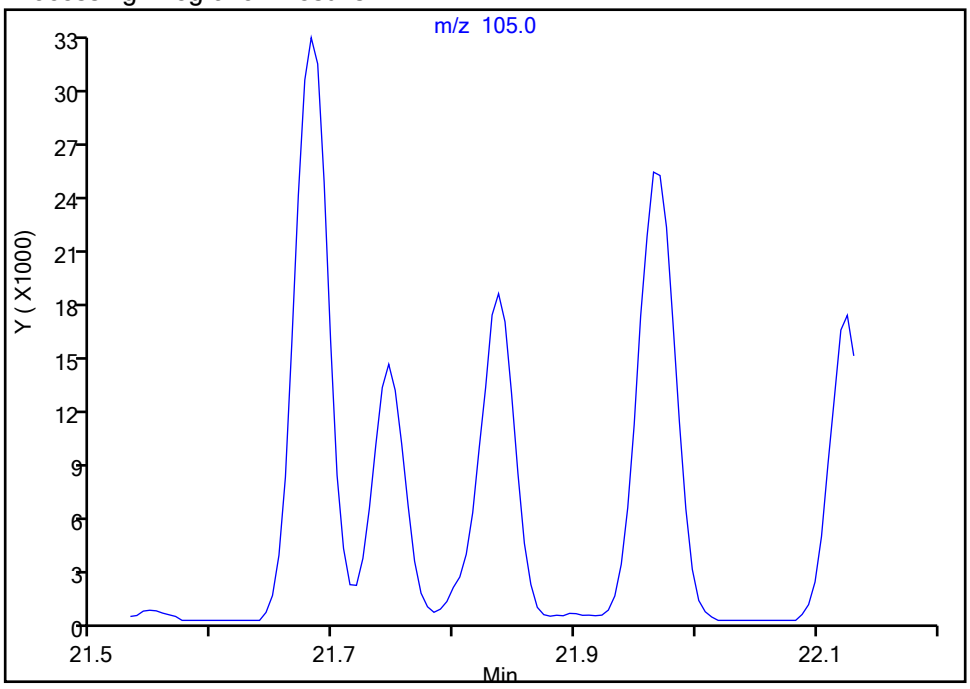
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

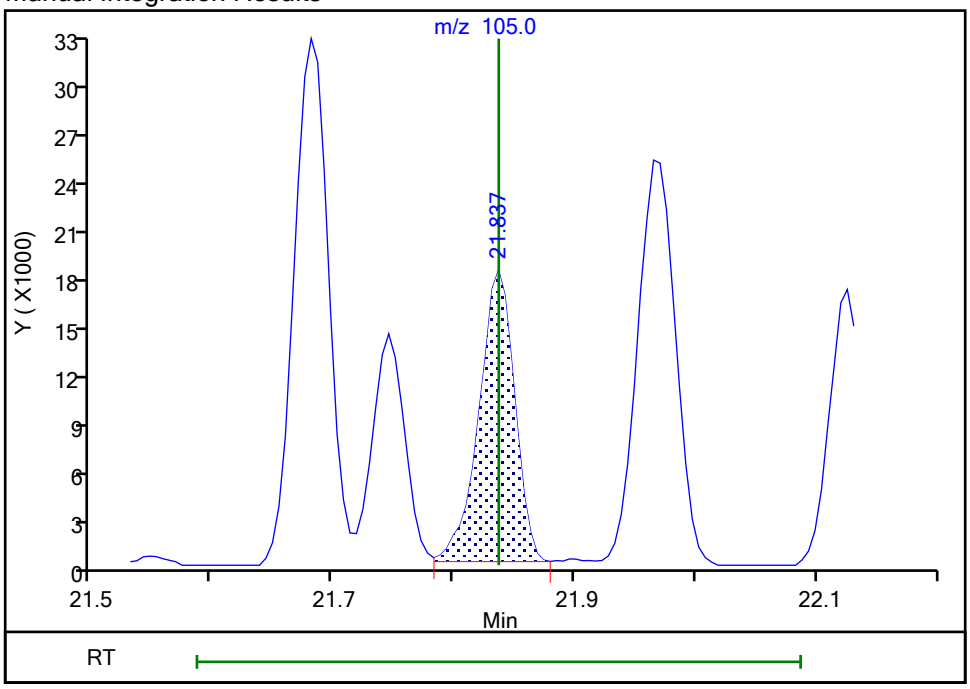
Not Detected
Expected RT: 21.84

Processing Integration Results



Manual Integration Results

RT: 21.84
Area: 37330
Amount: 1.510148
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:31:55
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

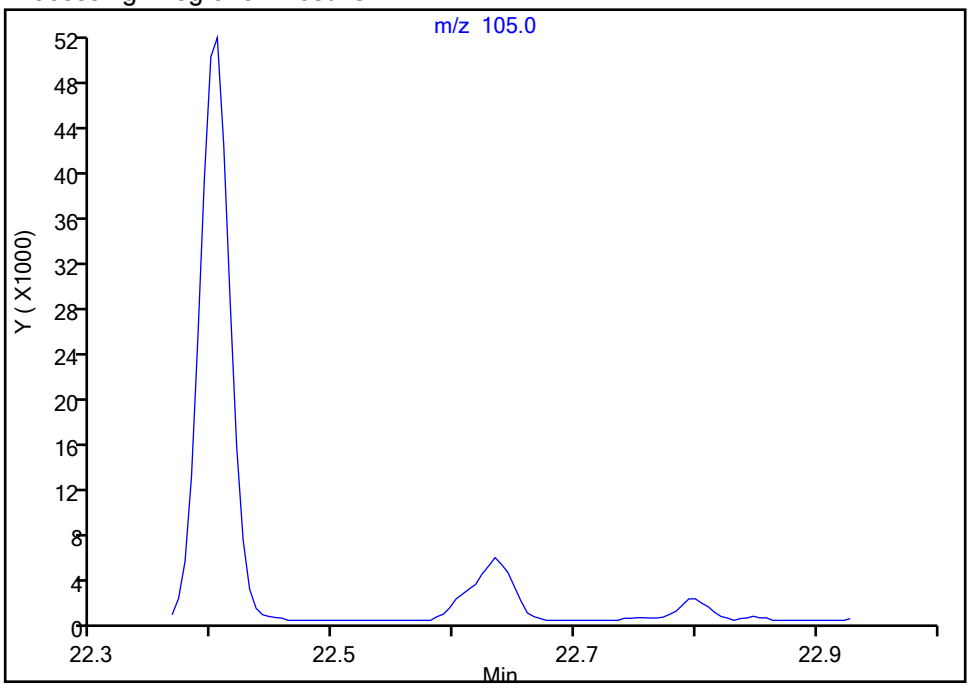
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

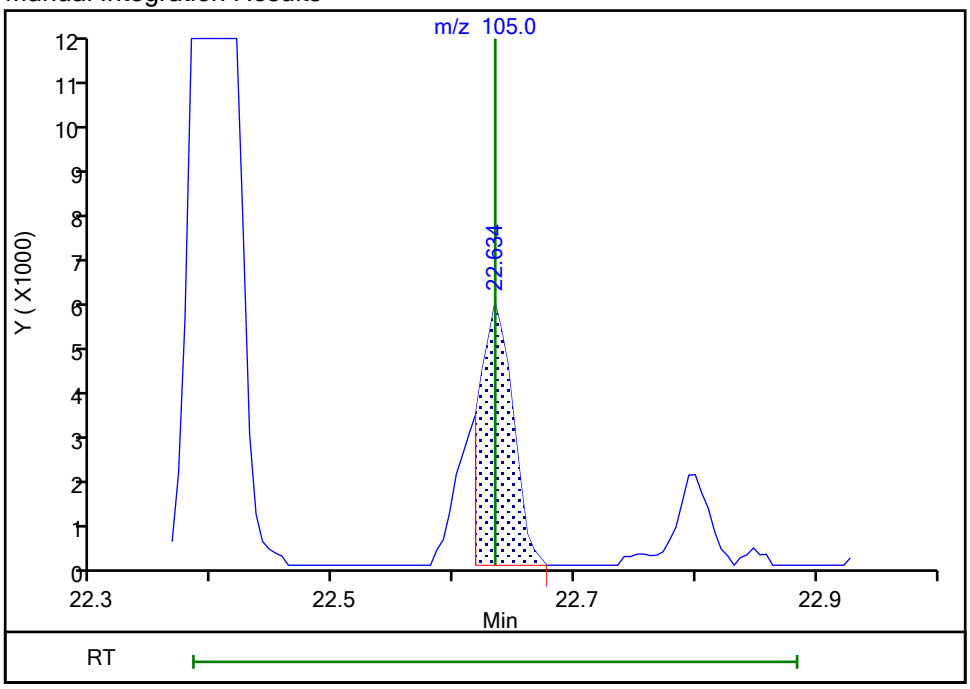
Not Detected
Expected RT: 22.63

Processing Integration Results



Manual Integration Results

RT: 22.63
Area: 10583
Amount: 0.276778
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:32:33
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

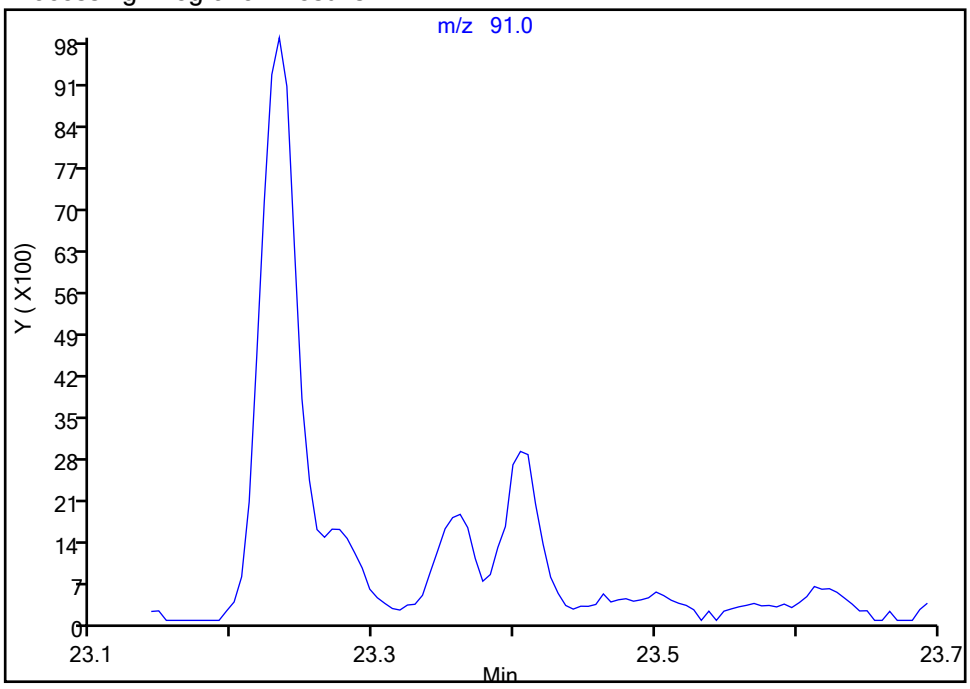
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-19.D				
Injection Date:	30-Apr-2021 23:36:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

100 n-Butylbenzene, CAS: 104-51-8

Signal: 1

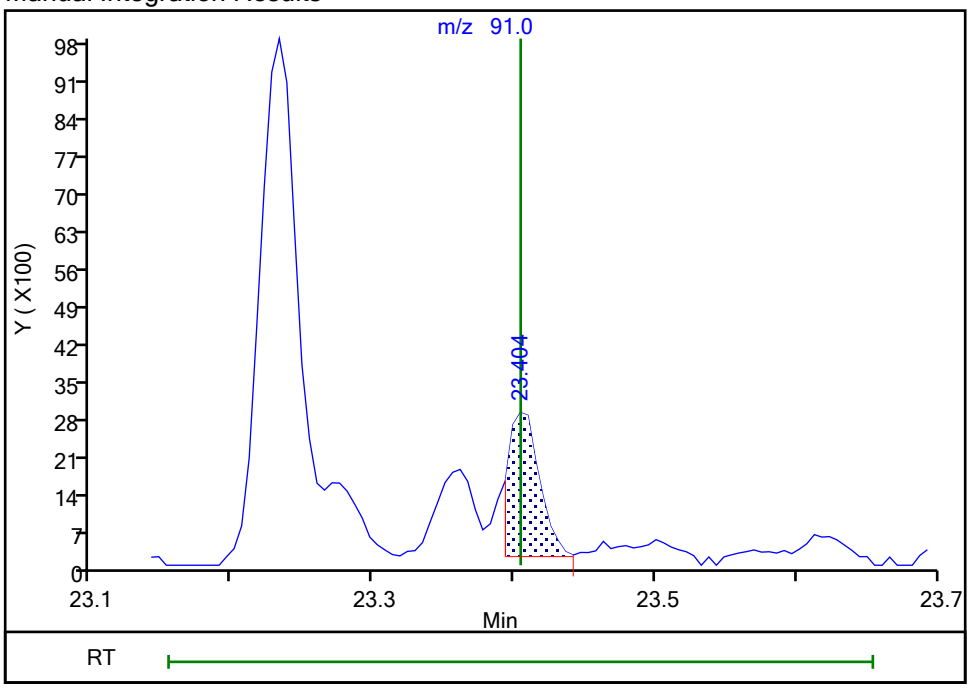
Not Detected
Expected RT: 23.40

Processing Integration Results



Manual Integration Results

RT: 23.40
Area: 4232
Amount: 0.207907
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:33:03
Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-01_20210428 DL Lab Sample ID: 200-58258-2 DL

Matrix: Air Lab File ID: 200-45799-009.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:52

Sample wt/vol: 50(mL) Date Analyzed: 05/03/2021 14:39

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	J D	9.9	2.2
75-45-6	Chlorodifluoromethane	86.47	7.1	U	7.1	1.6
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	5.6	U	5.6	1.5
74-87-3	Chloromethane	50.49	4.1	U	4.1	0.99
106-97-8	n-Butane	58.12	65	D	4.8	1.8
75-01-4	Vinyl chloride	62.50	0.80	U	0.80	0.29
106-99-0	1,3-Butadiene	54.09	5.9	D	1.8	0.34
74-83-9	Bromomethane	94.94	3.1	U	3.1	0.81
75-00-3	Chloroethane	64.52	5.3	U	5.3	2.6
593-60-2	Bromoethene(Vinyl Bromide)	106.96	3.5	U	3.5	1.5
75-69-4	Trichlorofluoromethane	137.37	1.2	J D	4.5	1.2
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	6.1	U	6.1	1.7
75-35-4	1,1-Dichloroethene	96.94	0.80	U	0.80	0.46
67-64-1	Acetone	58.08	46	J D	48	19
67-63-0	Isopropyl alcohol	60.10	49	U	49	9.6
75-15-0	Carbon disulfide	76.14	7.9	D	6.2	1.6
107-05-1	3-Chloropropene	76.53	6.3	U	6.3	1.4
75-09-2	Methylene Chloride	84.93	6.9	U	6.9	2.4
75-65-0	tert-Butyl alcohol	74.12	61	U	61	15
1634-04-4	Methyl tert-butyl ether	88.15	2.9	U	2.9	1.2
156-60-5	trans-1,2-Dichloroethene	96.94	3.2	U	3.2	1.4
110-54-3	n-Hexane	86.17	19	D	2.8	3.2
75-34-3	1,1-Dichloroethane	98.96	3.2	U	3.2	0.47
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	150	D	5.9	2.0
156-59-2	cis-1,2-Dichloroethene	96.94	0.80	U	0.80	0.52
67-66-3	Chloroform	119.38	3.9	U	3.9	0.90
109-99-9	Tetrahydrofuran	72.11	59	U	59	14
71-55-6	1,1,1-Trichloroethane	133.41	4.4	U	4.4	0.85
110-82-7	Cyclohexane	84.16	3.4	D	2.8	0.48
56-23-5	Carbon tetrachloride	153.81	0.88	U	0.88	0.81
540-84-1	2,2,4-Trimethylpentane	114.23	2.3	J D	3.7	0.65
71-43-2	Benzene	78.11	8.0	D	2.6	0.95
107-06-2	1,2-Dichloroethane	98.96	3.2	U	3.2	2.4

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-01_20210428 DL Lab Sample ID: 200-58258-2 DL

Matrix: Air Lab File ID: 200-45799-009.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:52

Sample wt/vol: 50(mL) Date Analyzed: 05/03/2021 14:39

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	14	D	3.3	0.97
79-01-6	Trichloroethene	131.39	0.80	U	0.80	0.52
80-62-6	Methyl methacrylate	100.12	8.2	U	8.2	2.6
78-87-5	1,2-Dichloropropane	112.99	3.7	U	3.7	1.6
123-91-1	1,4-Dioxane	88.11	72	U	72	25
75-27-4	Bromodichloromethane	163.83	5.4	U	5.4	1.1
10061-01-5	cis-1,3-Dichloropropene	110.97	3.6	U	3.6	0.36
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	8.2	U	8.2	3.1
108-88-3	Toluene	92.14	11	D	3.0	1.4
10061-02-6	trans-1,3-Dichloropropene	110.97	3.6	U	3.6	1.6
79-00-5	1,1,2-Trichloroethane	133.41	4.4	U	4.4	0.74
127-18-4	Tetrachloroethene	165.83	5.4	U	5.4	0.73
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	11	D	8.2	3.3
124-48-1	Dibromochloromethane	208.28	6.8	U	6.8	1.1
106-93-4	1,2-Dibromoethane	187.87	6.1	U	6.1	1.4
108-90-7	Chlorobenzene	112.56	3.7	U	3.7	0.79
100-41-4	Ethylbenzene	106.17	5.9	D	3.5	1.7
179601-23-1	m,p-Xylene	106.17	20	D	8.7	3.0
95-47-6	o-Xylene	106.17	8.4	D	3.5	1.6
100-42-5	Styrene	104.15	0.58	J D	3.4	0.55
75-25-2	Bromoform	252.75	8.3	U	8.3	2.4
98-82-8	Cumene	120.19	3.9	U	3.9	0.73
79-34-5	1,1,2,2-Tetrachloroethane	167.85	5.5	U	5.5	1.2
103-65-1	n-Propylbenzene	120.19	2.3	J D	3.9	0.92
622-96-8	4-Ethyltoluene	120.20	2.0	J D	3.9	1.0
108-67-8	1,3,5-Trimethylbenzene	120.20	4.7	D	3.9	0.87
95-49-8	2-Chlorotoluene	126.59	4.1	U	4.1	0.99
98-06-6	tert-Butylbenzene	134.22	4.4	U	4.4	0.81
95-63-6	1,2,4-Trimethylbenzene	120.20	12	D	3.9	0.92
135-98-8	sec-Butylbenzene	134.22	4.4	U	4.4	0.86
99-87-6	4-Isopropyltoluene	134.22	1.1	J D	4.4	0.86
541-73-1	1,3-Dichlorobenzene	147.00	4.8	U	4.8	2.1
106-46-7	1,4-Dichlorobenzene	147.00	4.8	U	4.8	2.3

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-01_20210428 DL Lab Sample ID: 200-58258-2 DL

Matrix: Air Lab File ID: 200-45799-009.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:52

Sample wt/vol: 50(mL) Date Analyzed: 05/03/2021 14:39

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	*Benzyl chloride*	*126.58*	*4.1*	*U*	*4.1*	*1.5*
104-51-8	*n-Butylbenzene*	*134.22*	*4.4*	*U*	*4.4*	*1.2*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*4.8*	*U*	*4.8*	*1.7*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*15*	*U*	*15*	*5.6*
87-68-3	*Hexachlorobutadiene*	*260.76*	*8.5*	*U*	*8.5*	*1.3*
91-20-3	*Naphthalene*	*128.17*	*10*	*U*	*10*	*3.6*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-01_20210428 DL Lab Sample ID: 200-58258-2 DL

Matrix: Air Lab File ID: 200-45799-009.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:52

Sample wt/vol: 50(mL) Date Analyzed: 05/03/2021 14:39

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	*Dichlorodifluoromethane*	*120.91*	*0.51*	*J D*	*2.0*	*0.44*
75-45-6	*Chlorodifluoromethane*	*86.47*	*2.0*	*U*	*2.0*	*0.44*
76-14-2	*1,2-Dichlorotetrafluoroethane*	*170.92*	*0.80*	*U*	*0.80*	*0.22*
74-87-3	*Chloromethane*	*50.49*	*2.0*	*U*	*2.0*	*0.48*
106-97-8	*n-Butane*	*58.12*	*27*	*D*	*2.0*	*0.76*
75-01-4	*Vinyl chloride*	*62.50*	*0.31*	*U*	*0.31*	*0.11*
106-99-0	*1,3-Butadiene*	*54.09*	*2.7*	*D*	*0.80*	*0.15*
74-83-9	*Bromomethane*	*94.94*	*0.80*	*U*	*0.80*	*0.21*
75-00-3	*Chloroethane*	*64.52*	*2.0*	*U*	*2.0*	*1.0*
593-60-2	*Bromoethene(Vinyl Bromide)*	*106.96*	*0.80*	*U*	*0.80*	*0.34*
75-69-4	*Trichlorofluoromethane*	*137.37*	*0.22*	*J D*	*0.80*	*0.21*
76-13-1	*1,1,2-Trichlorotrifluoroethane*	*187.38*	*0.80*	*U*	*0.80*	*0.22*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.20*	*U*	*0.20*	*0.12*
67-64-1	*Acetone*	*58.08*	*19*	*J D*	*20*	*8.0*
67-63-0	*Isopropyl alcohol*	*60.10*	*20*	*U*	*20*	*3.9*
75-15-0	*Carbon disulfide*	*76.14*	*2.6*	*D*	*2.0*	*0.52*
107-05-1	*3-Chloropropene*	*76.53*	*2.0*	*U*	*2.0*	*0.44*
75-09-2	*Methylene Chloride*	*84.93*	*2.0*	*U*	*2.0*	*0.68*
75-65-0	*tert-Butyl alcohol*	*74.12*	*20*	*U*	*20*	*4.8*
1634-04-4	*Methyl tert-butyl ether*	*88.15*	*0.80*	*U*	*0.80*	*0.32*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.80*	*U*	*0.80*	*0.35*
110-54-3	*n-Hexane*	*86.17*	*5.5*	*D*	*0.80*	*0.92*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.80*	*U*	*0.80*	*0.12*
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	51	D	2.0	0.68
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.20*	*U*	*0.20*	*0.13*
67-66-3	*Chloroform*	*119.38*	*0.80*	*U*	*0.80*	*0.18*
109-99-9	*Tetrahydrofuran*	*72.11*	*20*	*U*	*20*	*4.8*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.80*	*U*	*0.80*	*0.16*
110-82-7	*Cyclohexane*	*84.16*	*1.0*	*D*	*0.80*	*0.14*
56-23-5	*Carbon tetrachloride*	*153.81*	*0.14*	*U*	*0.14*	*0.13*
540-84-1	*2,2,4-Trimethylpentane*	*114.23*	*0.50*	*J D*	*0.80*	*0.14*
71-43-2	*Benzene*	*78.11*	*2.5*	*D*	*0.80*	*0.30*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.80*	*U*	*0.80*	*0.60*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-01_20210428 DL Lab Sample ID: 200-58258-2 DL

Matrix: Air Lab File ID: 200-45799-009.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:52

Sample wt/vol: 50(mL) Date Analyzed: 05/03/2021 14:39

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	*n-Heptane*	*100.21*	*3.5*	*D*	*0.80*	*0.24*
79-01-6	*Trichloroethene*	*131.39*	*0.15*	*U*	*0.15*	*0.096*
80-62-6	*Methyl methacrylate*	*100.12*	*2.0*	*U*	*2.0*	*0.64*
78-87-5	*1,2-Dichloropropane*	*112.99*	*0.80*	*U*	*0.80*	*0.35*
123-91-1	*1,4-Dioxane*	*88.11*	*20*	*U*	*20*	*6.8*
75-27-4	*Bromodichloromethane*	*163.83*	*0.80*	*U*	*0.80*	*0.16*
10061-01-5	*cis-1,3-Dichloropropene*	*110.97*	*0.80*	*U*	*0.80*	*0.080*
108-10-1	*4-Methyl-2-pentanone (Methyl isobutyl ketone)*	*100.16*	*2.0*	*U*	*2.0*	*0.76*
108-88-3	*Toluene*	*92.14*	*3.0*	*D*	*0.80*	*0.37*
10061-02-6	*trans-1,3-Dichloropropene*	*110.97*	*0.80*	*U*	*0.80*	*0.36*
79-00-5	*1,1,2-Trichloroethane*	*133.41*	*0.80*	*U*	*0.80*	*0.14*
127-18-4	*Tetrachloroethene*	*165.83*	*0.80*	*U*	*0.80*	*0.11*
591-78-6	*Methyl Butyl Ketone (2-Hexanone)*	*100.20*	*2.6*	*D*	*2.0*	*0.80*
124-48-1	*Dibromochloromethane*	*208.28*	*0.80*	*U*	*0.80*	*0.12*
106-93-4	*1,2-Dibromoethane*	*187.87*	*0.80*	*U*	*0.80*	*0.18*
108-90-7	*Chlorobenzene*	*112.56*	*0.80*	*U*	*0.80*	*0.17*
100-41-4	*Ethylbenzene*	*106.17*	*1.4*	*D*	*0.80*	*0.40*
179601-23-1	*m,p-Xylene*	*106.17*	*4.7*	*D*	*2.0*	*0.68*
95-47-6	*o-Xylene*	*106.17*	*1.9*	*D*	*0.80*	*0.38*
100-42-5	*Styrene*	*104.15*	*0.14*	*J D*	*0.80*	*0.13*
75-25-2	*Bromoform*	*252.75*	*0.80*	*U*	*0.80*	*0.23*
98-82-8	*Cumene*	*120.19*	*0.80*	*U*	*0.80*	*0.15*
79-34-5	*1,1,2,2-Tetrachloroethane*	*167.85*	*0.80*	*U*	*0.80*	*0.17*
103-65-1	*n-Propylbenzene*	*120.19*	*0.47*	*J D*	*0.80*	*0.19*
622-96-8	*4-Ethyltoluene*	*120.20*	*0.41*	*J D*	*0.80*	*0.20*
108-67-8	*1,3,5-Trimethylbenzene*	*120.20*	*0.96*	*D*	*0.80*	*0.18*
95-49-8	*2-Chlorotoluene*	*126.59*	*0.80*	*U*	*0.80*	*0.19*
98-06-6	*tert-Butylbenzene*	*134.22*	*0.80*	*U*	*0.80*	*0.15*
95-63-6	*1,2,4-Trimethylbenzene*	*120.20*	*2.4*	*D*	*0.80*	*0.19*
135-98-8	*sec-Butylbenzene*	*134.22*	*0.80*	*U*	*0.80*	*0.16*
99-87-6	*4-Isopropyltoluene*	*134.22*	*0.20*	*J D*	*0.80*	*0.16*
541-73-1	*1,3-Dichlorobenzene*	*147.00*	*0.80*	*U*	*0.80*	*0.36*
106-46-7	*1,4-Dichlorobenzene*	*147.00*	*0.80*	*U*	*0.80*	*0.38*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-01_20210428 DL Lab Sample ID: 200-58258-2 DL

Matrix: Air Lab File ID: 200-45799-009.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:52

Sample wt/vol: 50(mL) Date Analyzed: 05/03/2021 14:39

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	*Benzyl chloride*	*126.58*	*0.80*	*U*	*0.80*	*0.30*
104-51-8	*n-Butylbenzene*	*134.22*	*0.80*	*U*	*0.80*	*0.22*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*0.80*	*U*	*0.80*	*0.28*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*2.0*	*U*	*2.0*	*0.76*
87-68-3	*Hexachlorobutadiene*	*260.76*	*0.80*	*U*	*0.80*	*0.12*
91-20-3	*Naphthalene*	*128.17*	*2.0*	*U*	*2.0*	*0.68*

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D
Lims ID: 200-58258-A-2
Client ID: SV-01_20210428
Sample Type: Client
Inject. Date: 03-May-2021 14:39:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Sample Info: 200-0045799-009
Misc. Info.: 58258-2dl
Operator ID: ggg Instrument ID: CHG.i

Method: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 04-May-2021 08:58:04 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1665

First Level Reviewer: bunmaa Date: 04-May-2021 08:58:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.091	3.091	0.000	96	3370	0.1267	
3 Chlorodifluoromethane	51	3.118	3.118	0.011	27	988	0.0783	M
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.300				ND	
5 Chloromethane	50		3.369				ND	U
7 Vinyl chloride	62		3.557				ND	
6 Butane	43	3.573	3.567	0.006	98	58550	6.82	
8 Butadiene	54	3.632	3.632	0.000	91	3288	0.6640	M
10 Bromomethane	94		4.086				ND	
11 Chloroethane	64		4.273				ND	U
13 Vinyl bromide	106		4.584				ND	
14 Trichlorofluoromethane	101	4.718	4.718	0.000	46	1499	0.0552	M
21 1,1-Dichloroethene	96		5.568				ND	
22 Acetone	43	5.590	5.590	0.011	100	38768	4.79	M
20 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.611				ND	7
24 Isopropyl alcohol	45	5.846	5.846	0.026	50	2086	0.2205	M
23 Carbon disulfide	76	5.943	5.943	0.000	100	14293	0.6375	
25 3-Chloro-1-propene	41		6.157				ND	
27 Methylene Chloride	49	6.355	6.360	-0.005	26	569	0.0670	
28 2-Methyl-2-propanol	59		6.520				ND	
31 trans-1,2-Dichloroethene	61		6.857				ND	7
29 Methyl tert-butyl ether	73		6.873				ND	7
33 Hexane	57	7.387	7.382	0.005	84	12234	1.37	
34 1,1-Dichloroethane	63		7.564				ND	
38 2-Butanone (MEK)	72	8.500	8.489	0.011	100	34891	12.9	
37 cis-1,2-Dichloroethene	96		8.526				ND	
* 40 Chlorobromomethane	128	8.933	8.928	0.005	80	106323	10.0	
41 Tetrahydrofuran	42		9.008				ND	
42 Chloroform	83		9.115				ND	
44 1,1,1-Trichloroethane	97		9.457				ND	
43 Cyclohexane	84	9.629	9.629	-0.005	88	3094	0.2490	M
45 Carbon tetrachloride	117		9.762				ND	7

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
47 Benzene	78	10.099	10.094	0.000	96	20435	0.6278	
48 1,2-Dichloroethane	62		10.147				ND	
46 Isooctane	57	10.399	10.399	0.000	78	6556	0.1246	M
49 n-Heptane	43	10.747	10.741	0.006	93	16632	0.8714	
* 50 1,4-Difluorobenzene	114	10.897	10.896	0.001	94	661784	10.0	
53 Trichloroethene	95		11.389				ND	
54 1,2-Dichloropropane	63		11.865				ND	
55 Methyl methacrylate	69		12.009				ND	U
56 1,4-Dioxane	88		12.031				ND	
58 Dichlorobromomethane	83		12.384				ND	
60 cis-1,3-Dichloropropene	75		13.282				ND	
61 4-Methyl-2-pentanone (MIBK)	43	13.587	13.587	0.010	58	2930	0.1026	M
65 Toluene	92	14.005	14.010	0.000	93	20396	0.7514	
66 trans-1,3-Dichloropropene	75		14.427				ND	
67 1,1,2-Trichloroethane	83		14.823				ND	U
68 Tetrachloroethene	166		15.096				ND	7
69 2-Hexanone	43	15.299	15.299	0.005	92	18071	0.6421	M
71 Chlorodibromomethane	129		15.615				ND	
72 Ethylene Dibromide	107		15.856				ND	
* 74 Chlorobenzene-d5	117	16.856	16.856	0.000	87	634544	10.0	
75 Chlorobenzene	112		16.920				ND	
76 Ethylbenzene	91	17.156	17.156	0.006	91	21396	0.3417	M
78 m-Xylene & p-Xylene	106	17.418	17.413	-0.021	0	25602	1.18	
79 o-Xylene	106	18.242	18.242	0.006	89	11197	0.4814	M
80 Styrene	104	18.284	18.284	0.016	21	1078	0.0339	M
81 Bromoform	173		18.605				ND	
82 Isopropylbenzene	105		19.033				ND	U
84 1,1,2,2-Tetrachloroethane	83		19.568				ND	7
85 N-Propylbenzene	91	19.836	19.836	0.000	98	9083	0.1170	M
89 2-Chlorotoluene	91		19.980				ND	MU
88 4-Ethyltoluene	105	20.066	20.066	0.006	97	6477	0.1016	M
90 1,3,5-Trimethylbenzene	105	20.162	20.162	-0.005	48	13645	0.2404	M
92 tert-Butylbenzene	119		20.686				ND	
93 1,2,4-Trimethylbenzene	105	20.777	20.777	0.000	97	34710	0.5992	M
94 sec-Butylbenzene	105	21.034	21.034	-0.005	35	2626	0.0322	M
96 1,3-Dichlorobenzene	146		21.195				ND	7
95 4-Isopropyltoluene	119	21.275	21.270	0.006	50	3563	0.0510	
97 1,4-Dichlorobenzene	146		21.344				ND	7
98 Benzyl chloride	91		21.494				ND	
101 1,2-Dichlorobenzene	146		21.842				ND	U
100 n-Butylbenzene	91	21.842	21.842	-0.005	17	2896	0.0442	Ma
103 1,2,4-Trichlorobenzene	180		24.239				ND	U
104 Hexachlorobutadiene	225		24.511				ND	7
105 Naphthalene	128	24.683	24.683	0.000	97	3747	0.0492	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected
a - User Assigned ID

Reagents:

ATTO15GIS_00017 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 04-May-2021 08:58:04 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

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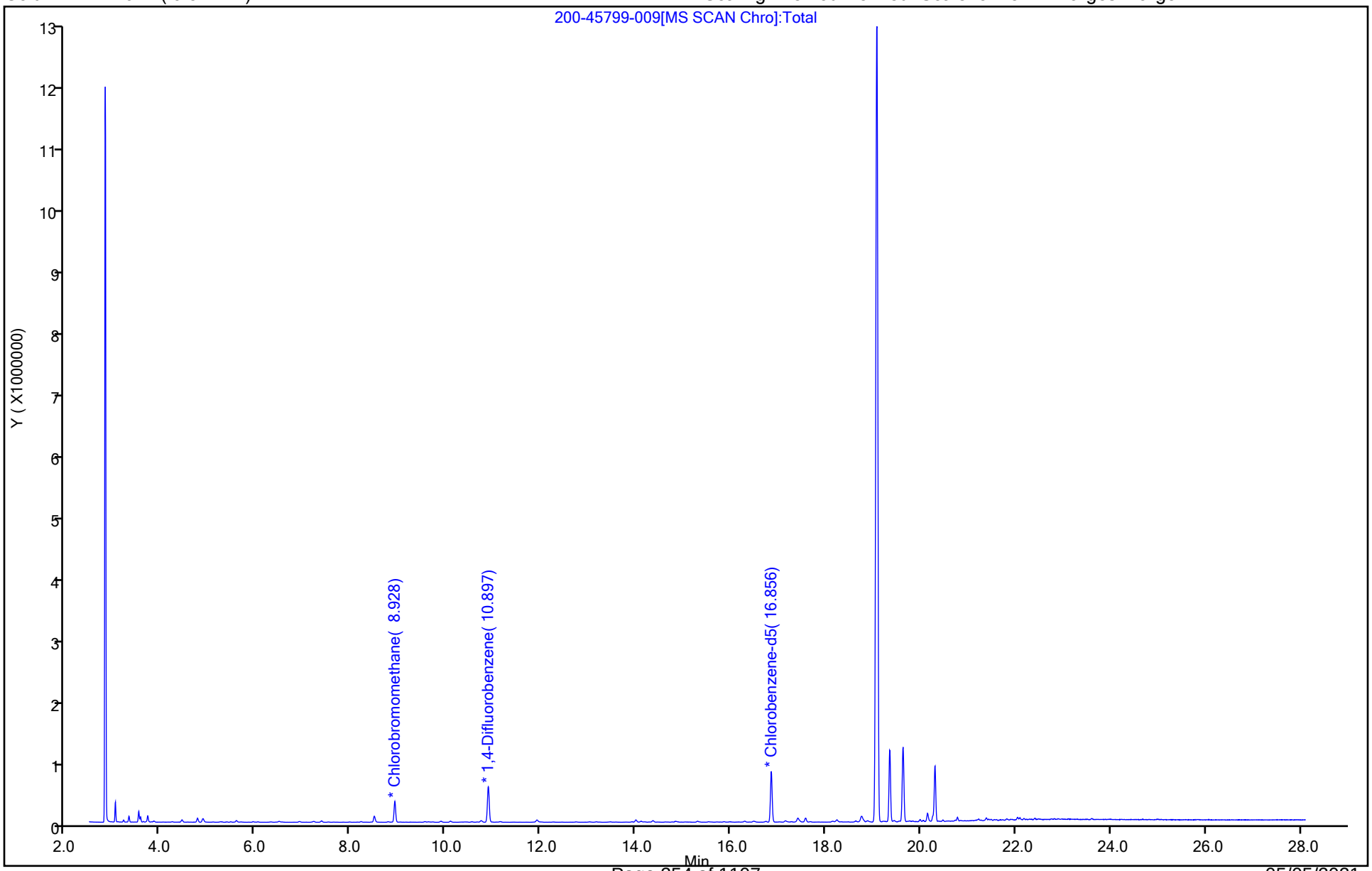
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2	Worklist Smp#:	9
Client ID:	SV-01_20210428				
Purge Vol:	200.000 mL	Dil. Factor:	4.0000	ALS Bottle#:	8
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington

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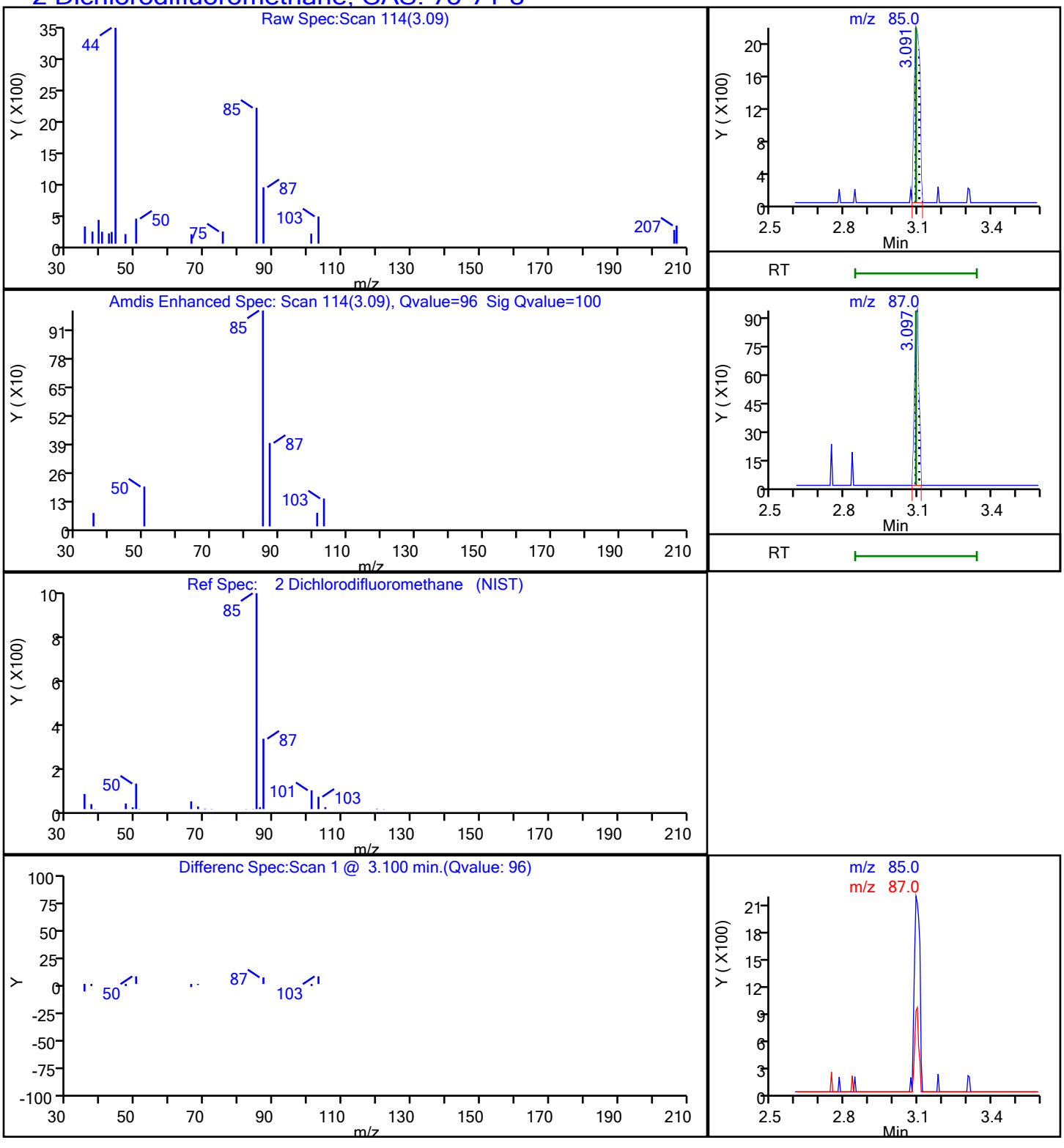
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

2 Dichlorodifluoromethane, CAS: 75-71-8



Eurofins TestAmerica, Burlington

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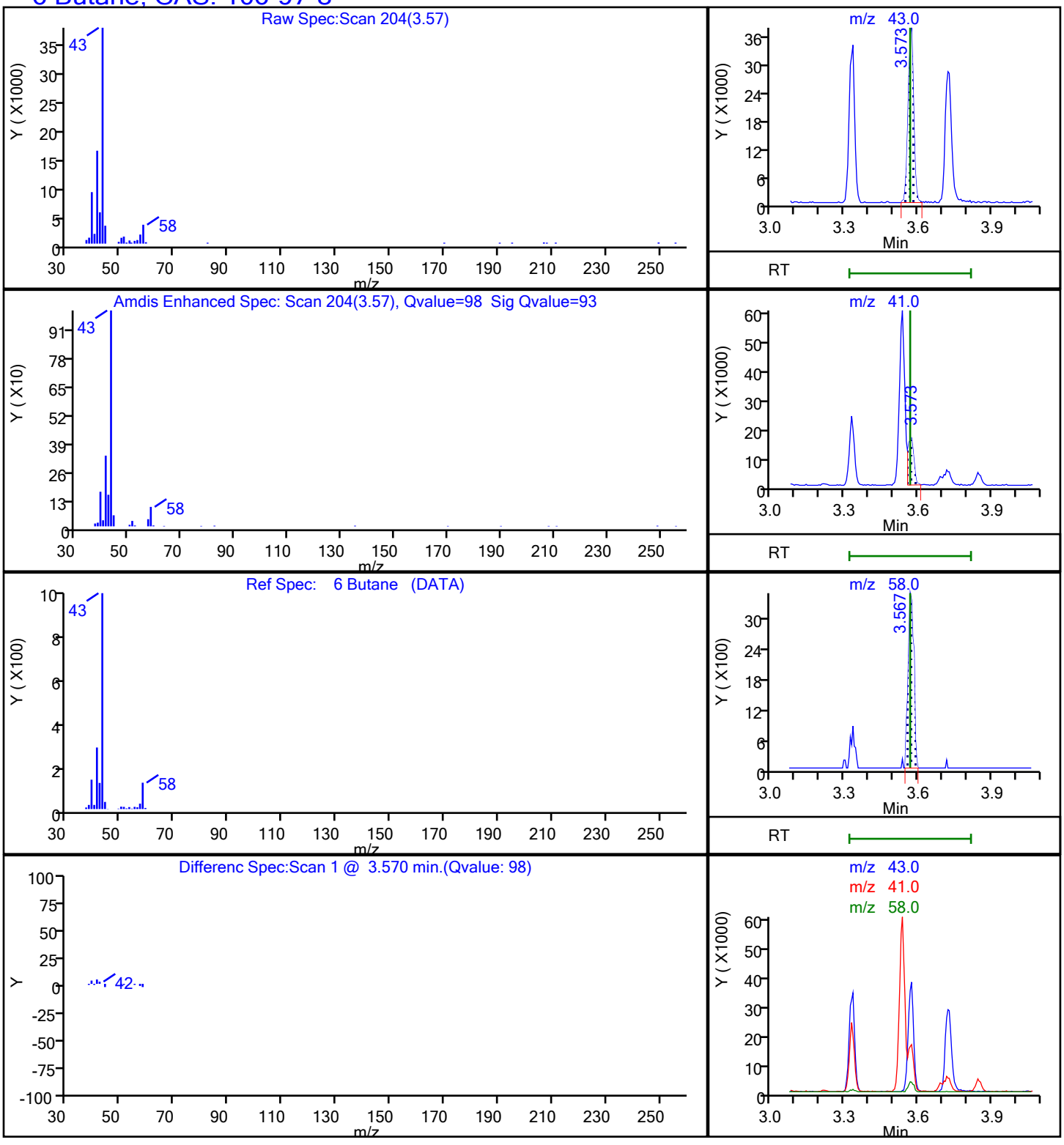
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Butane, CAS: 106-97-8



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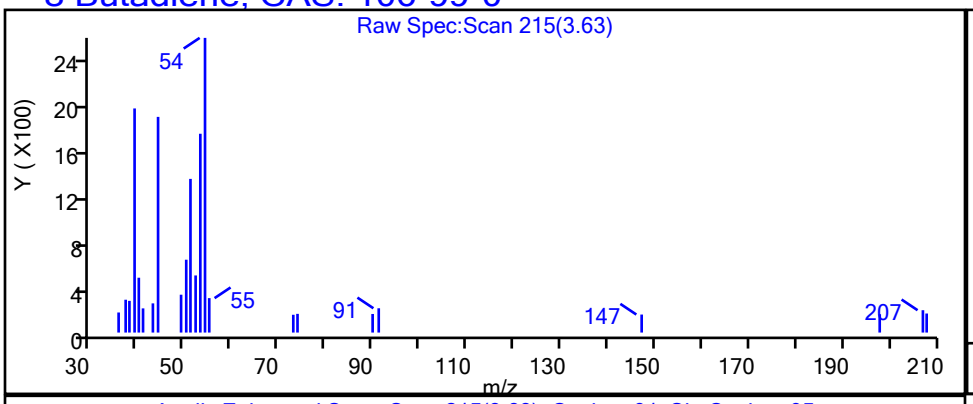
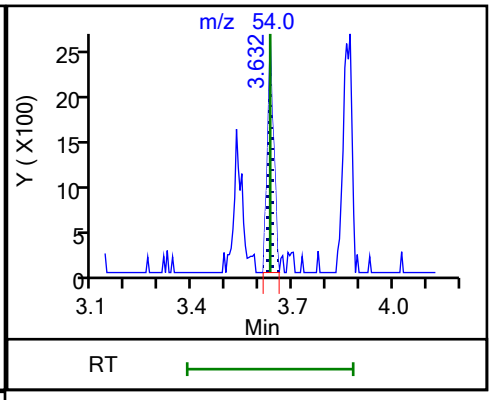
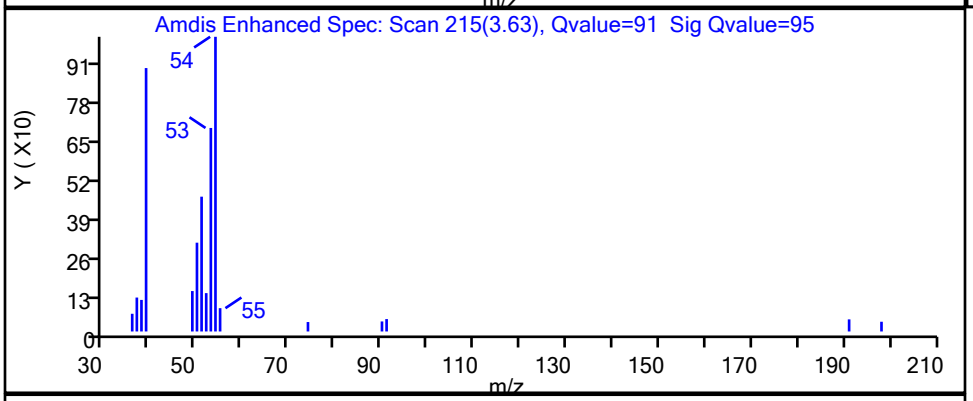
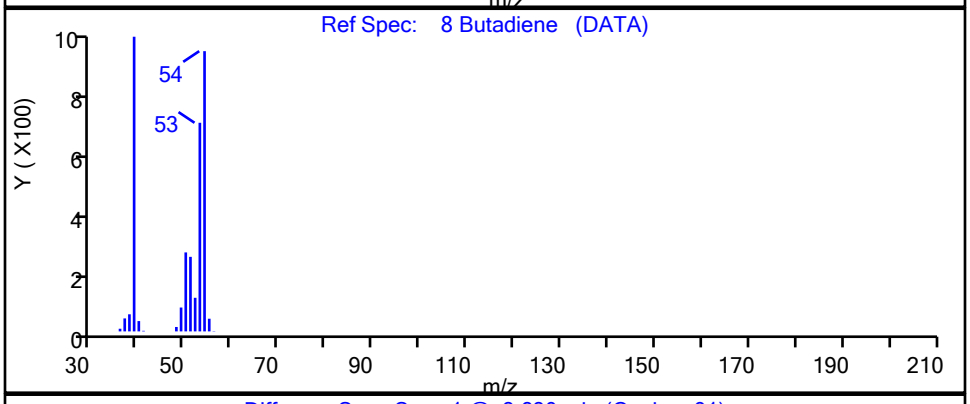
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

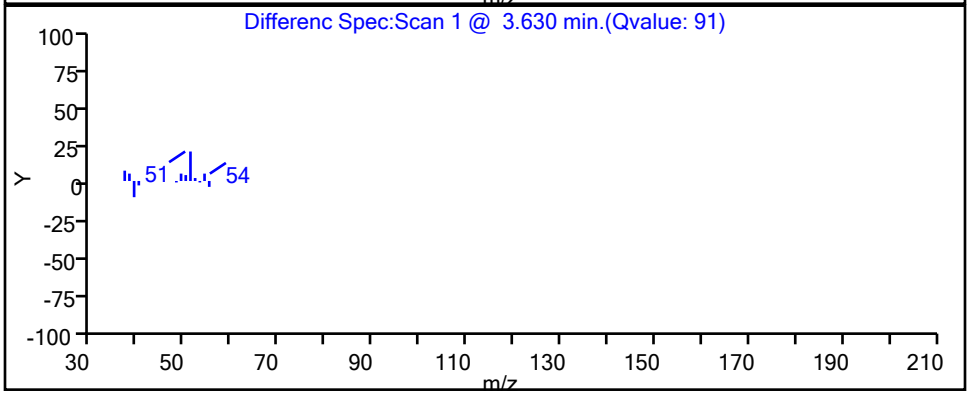
8 Butadiene, CAS: 106-99-0











Eurofins TestAmerica, Burlington

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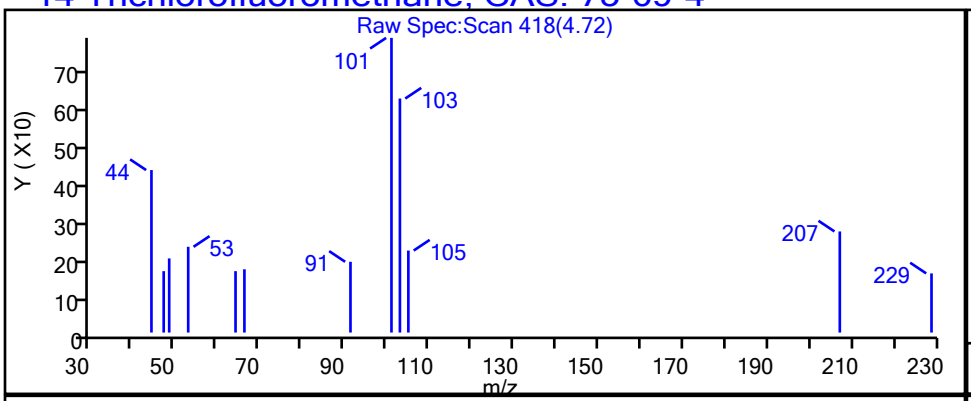
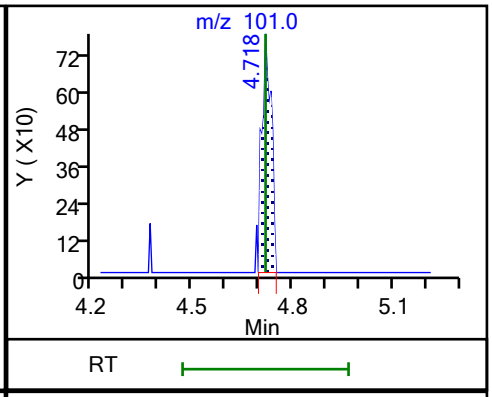
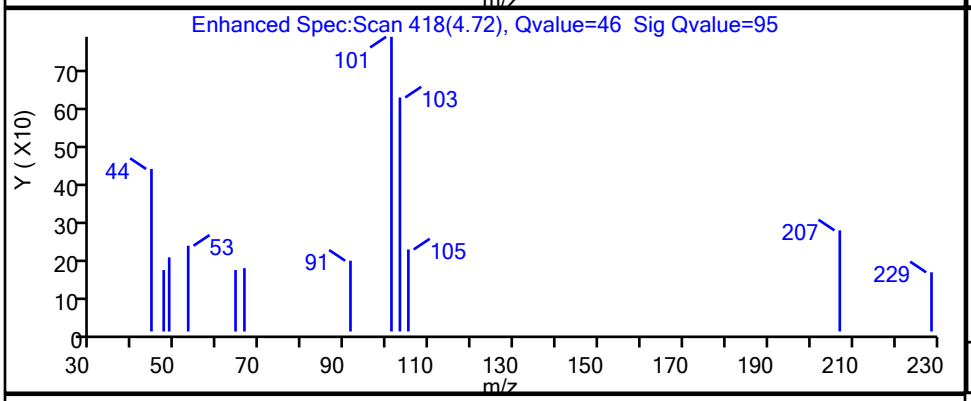
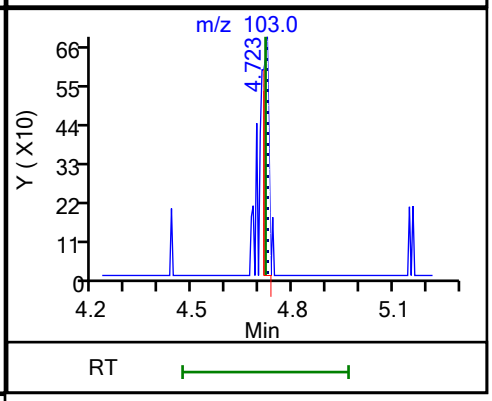
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

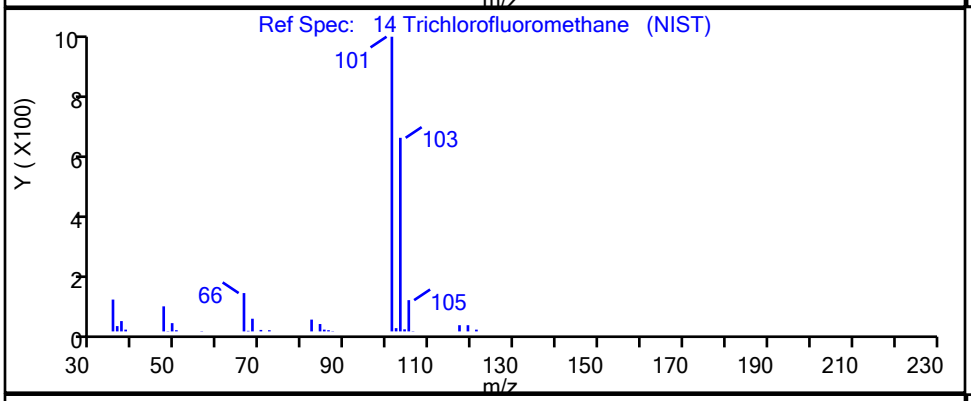
14 Trichlorofluoromethane, CAS: 75-69-4

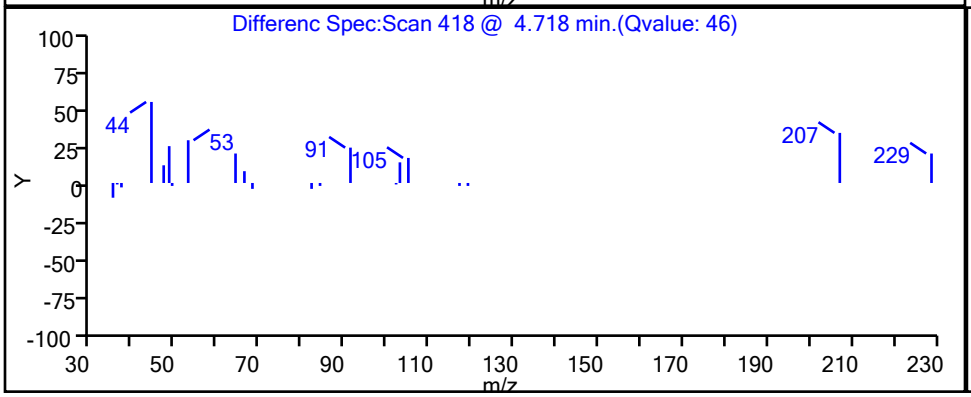


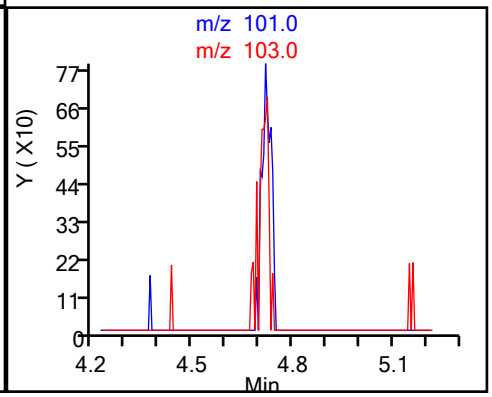












Eurofins TestAmerica, Burlington

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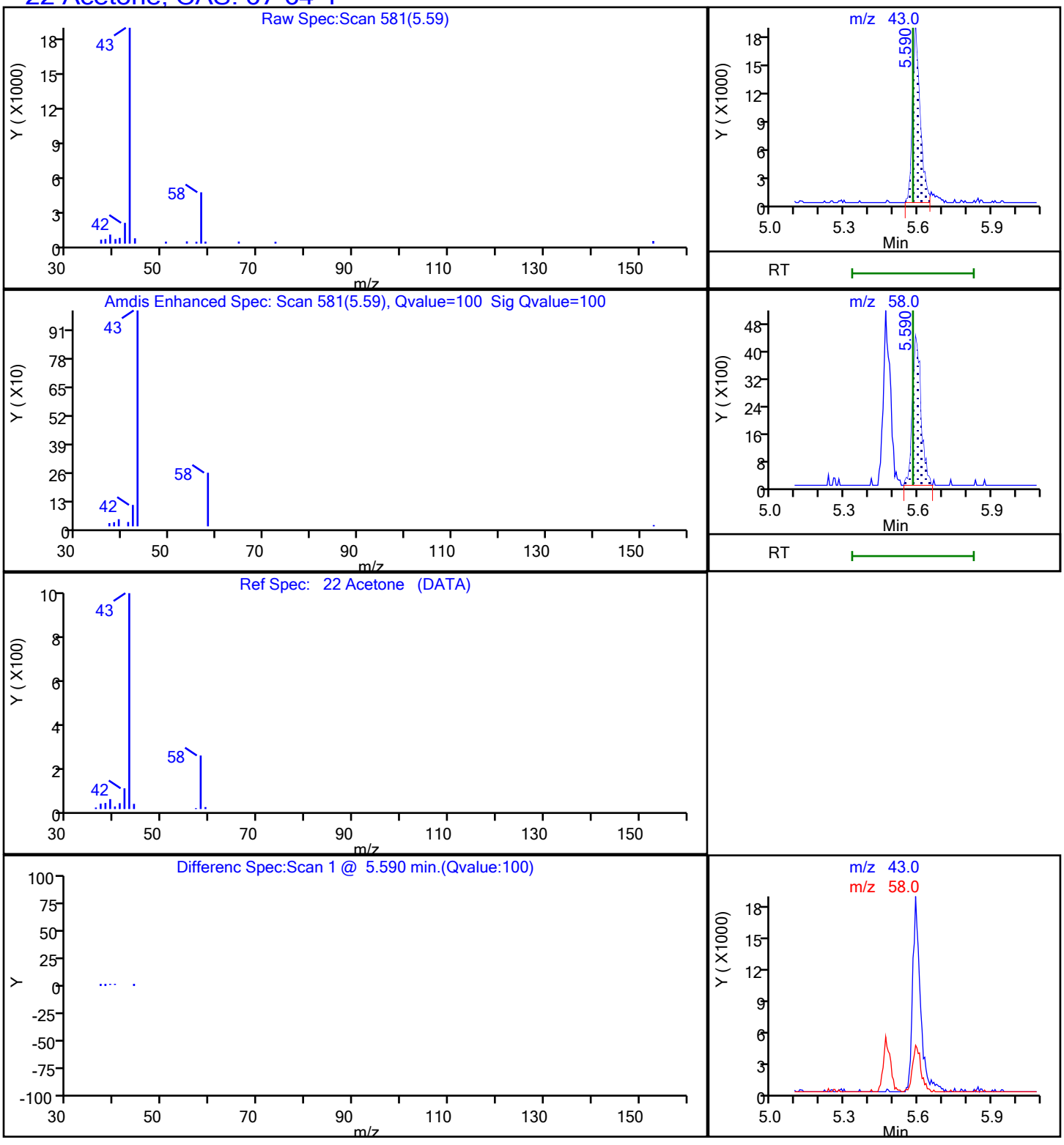
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Burlington

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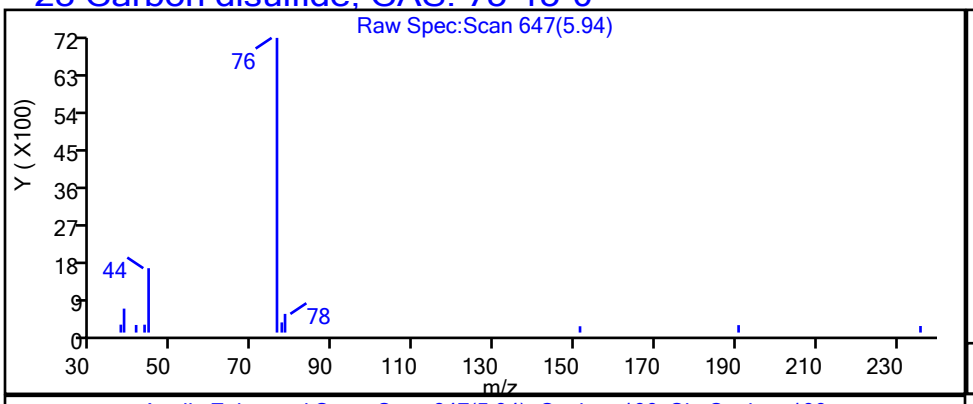
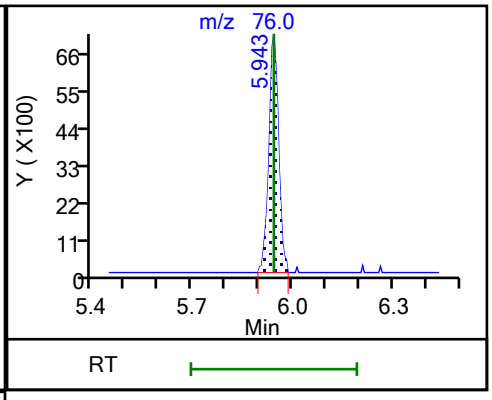
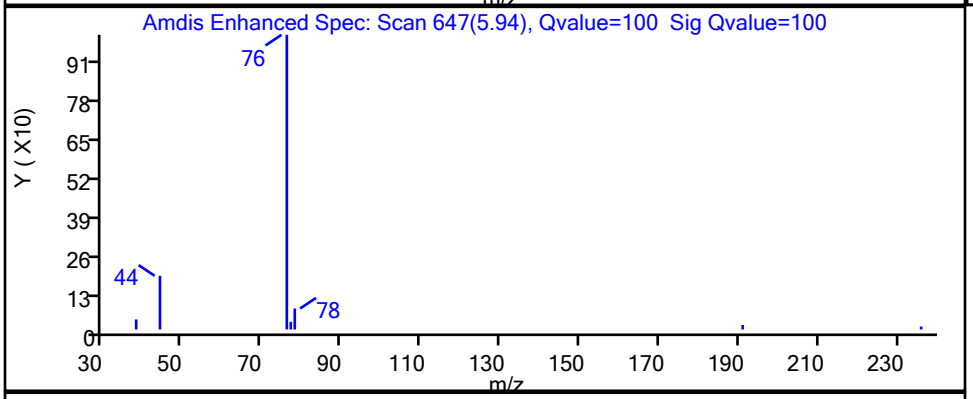
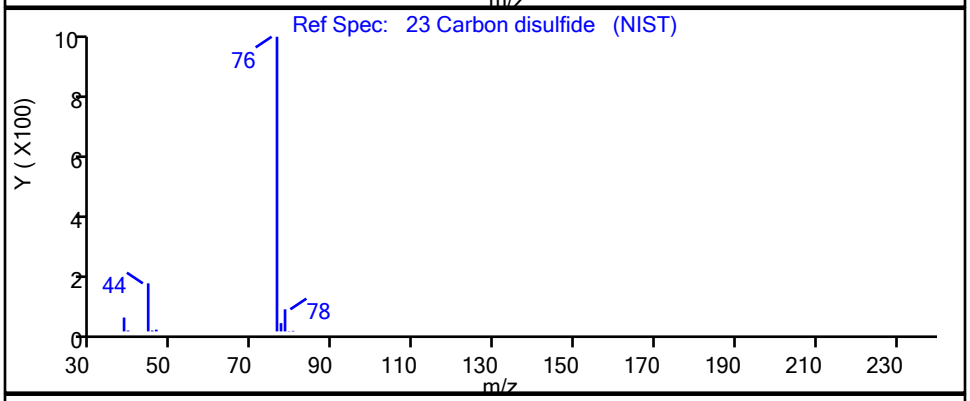
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

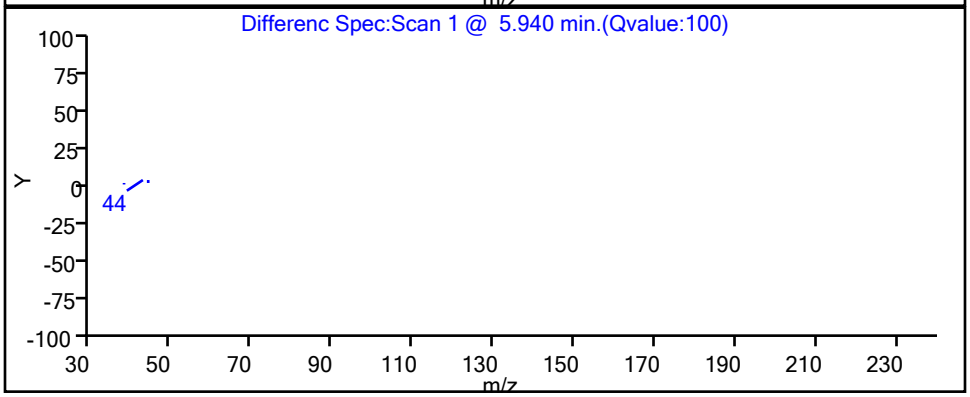
23 Carbon disulfide, CAS: 75-15-0











Eurofins TestAmerica, Burlington

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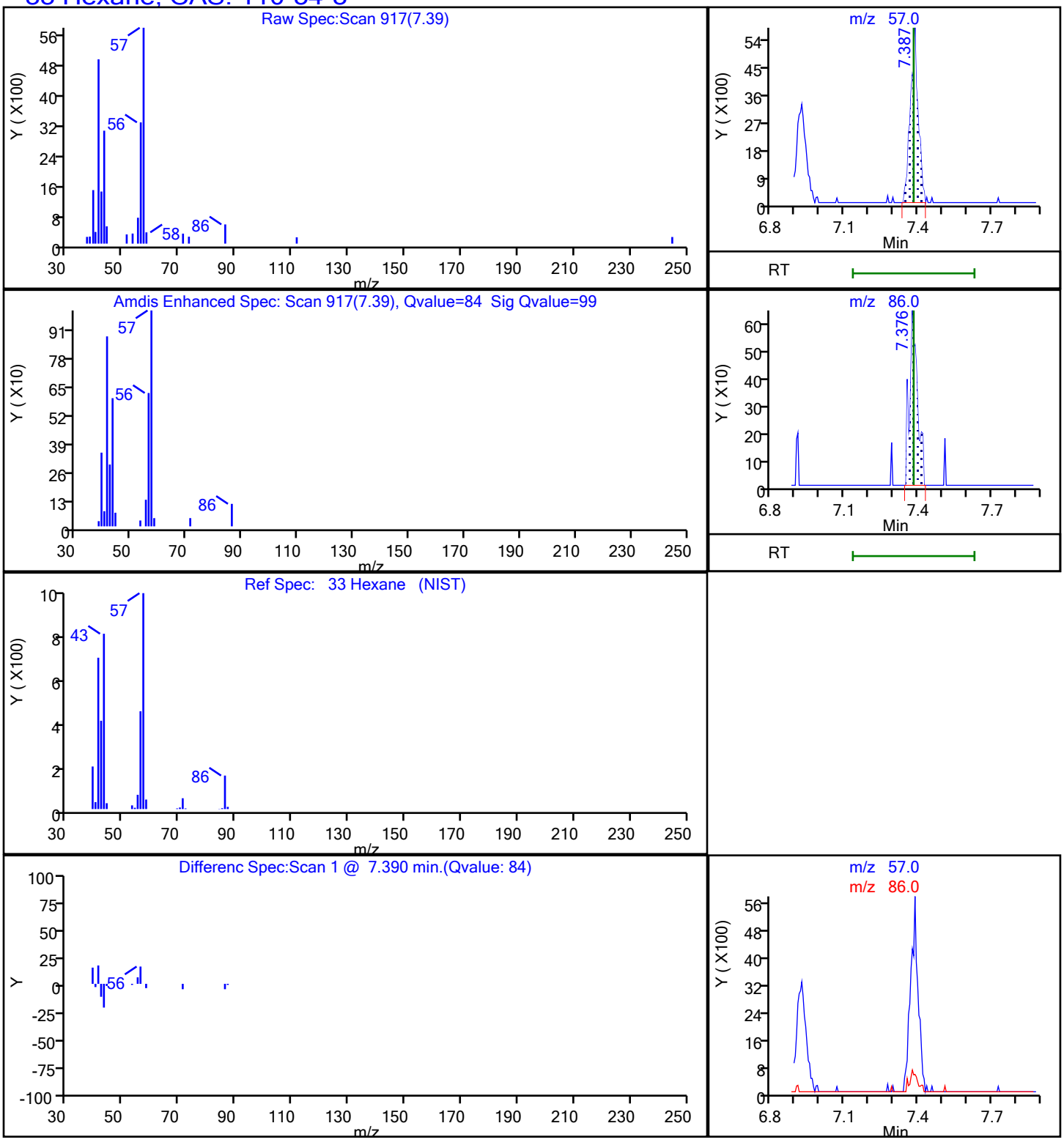
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 Hexane, CAS: 110-54-3



Eurofins TestAmerica, Burlington

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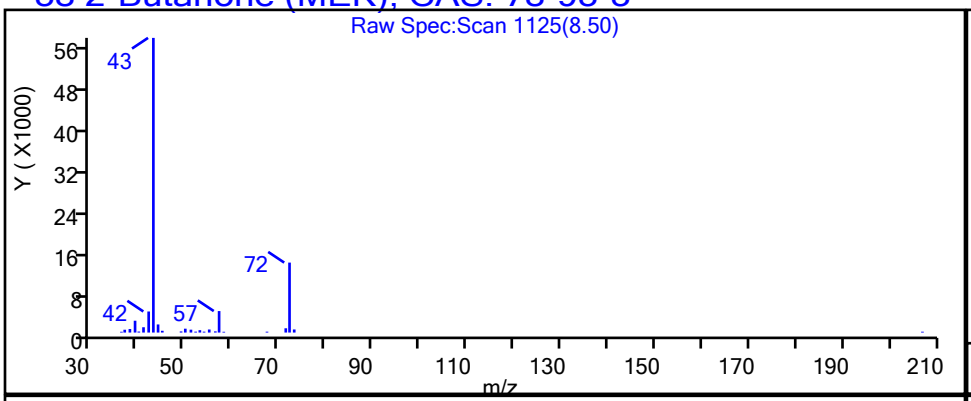
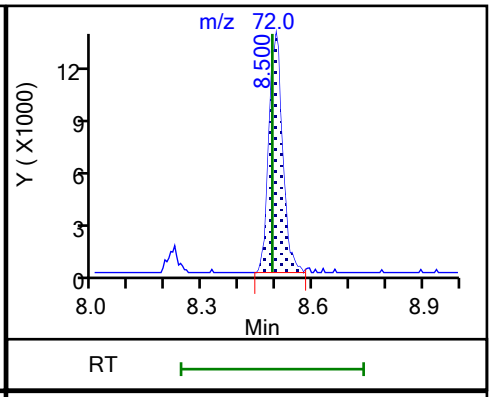
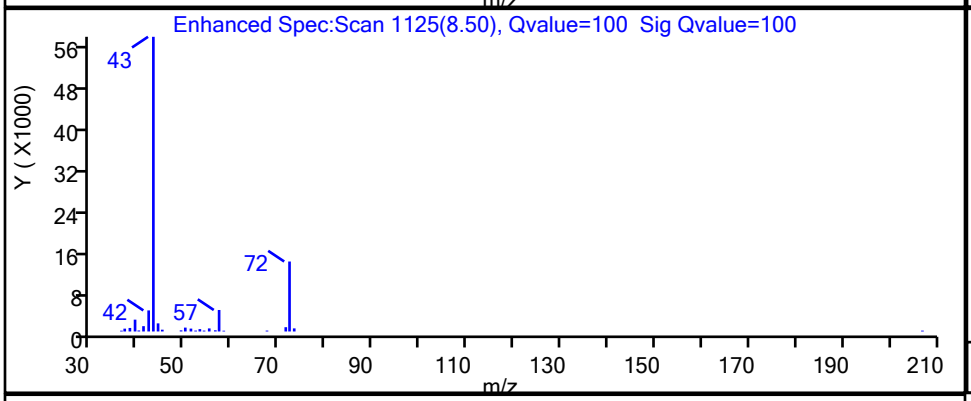
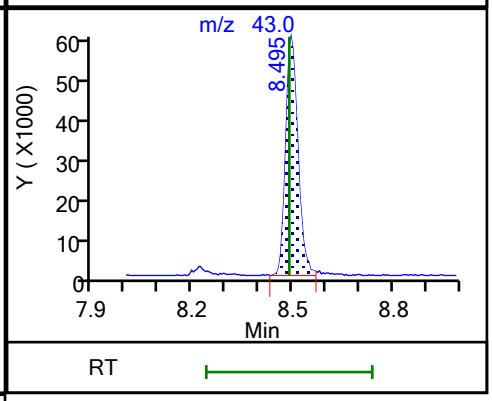
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

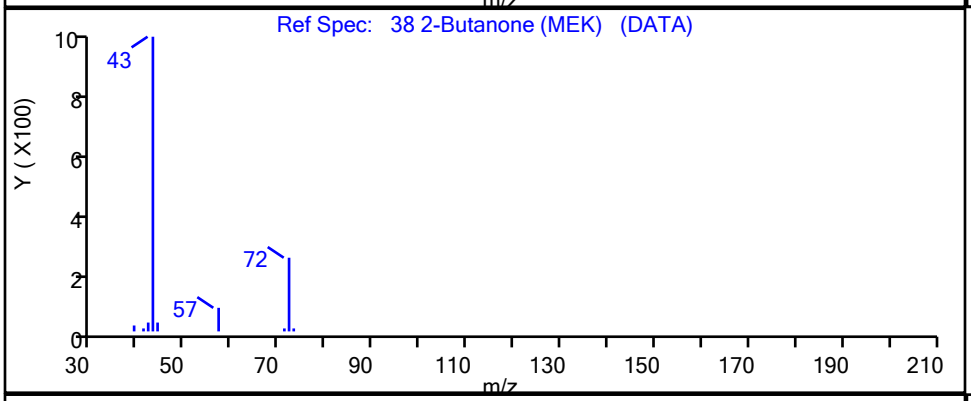
38 2-Butanone (MEK), CAS: 78-93-3

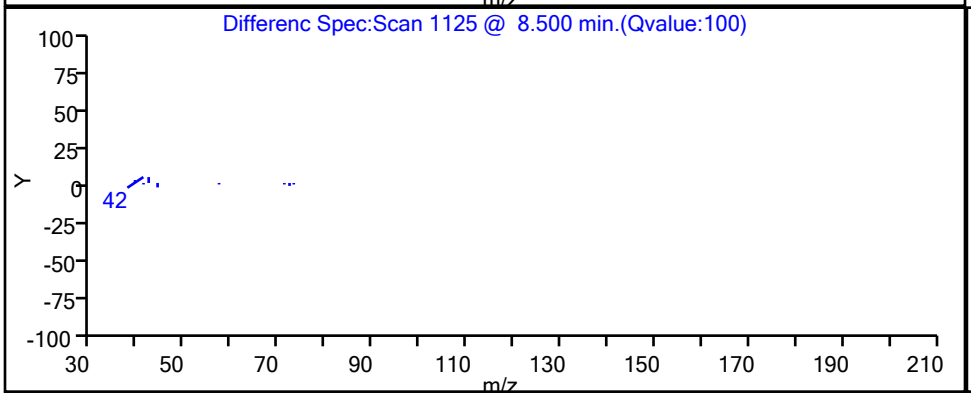


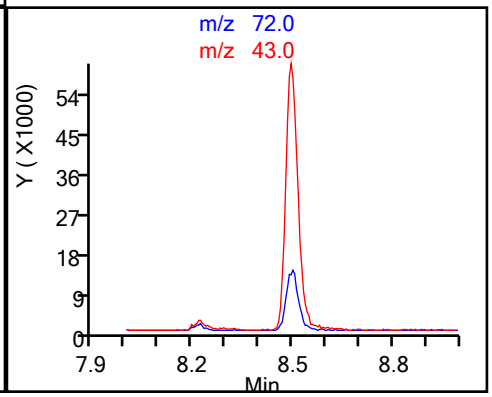








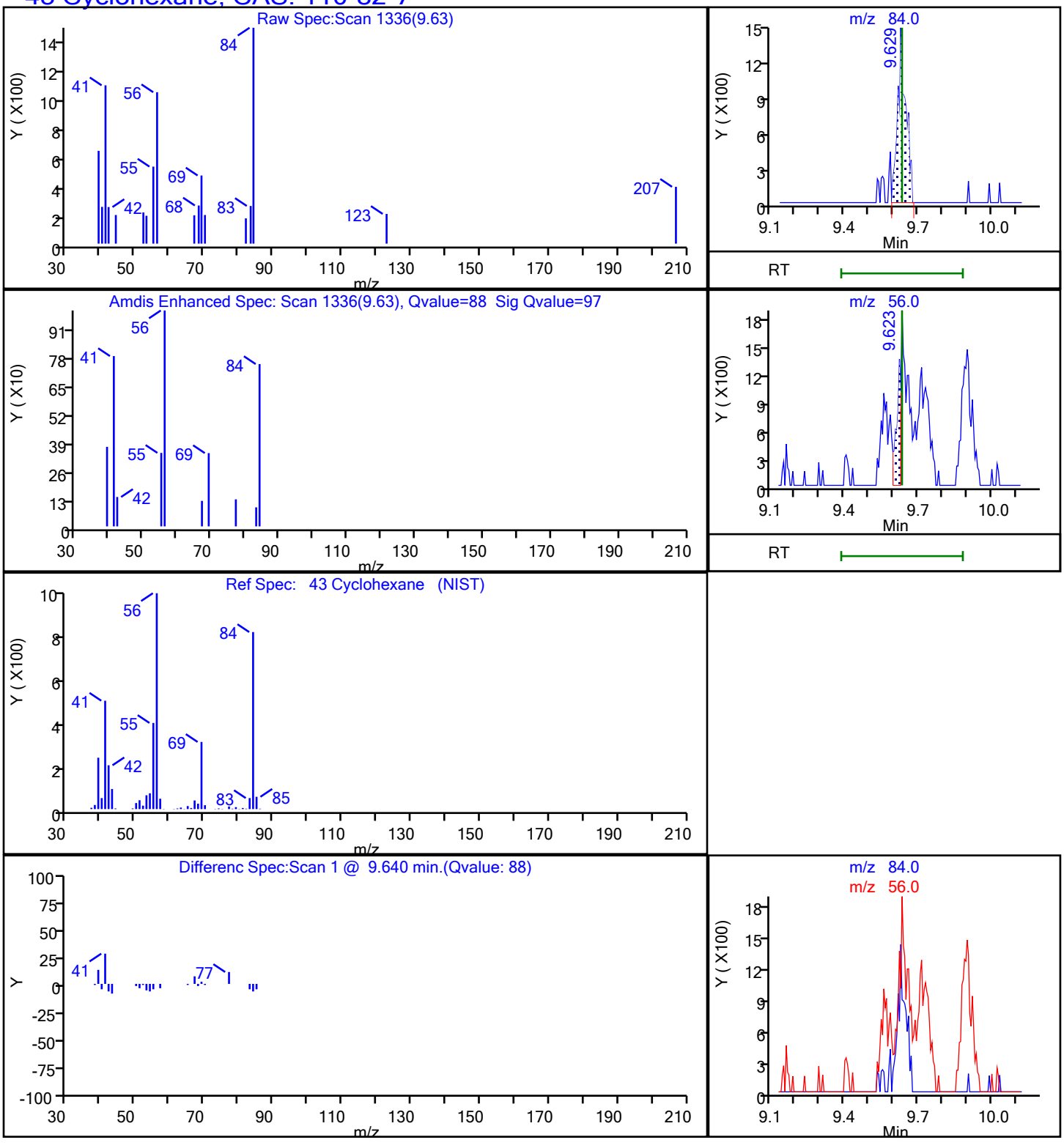




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7



Eurofins TestAmerica, Burlington

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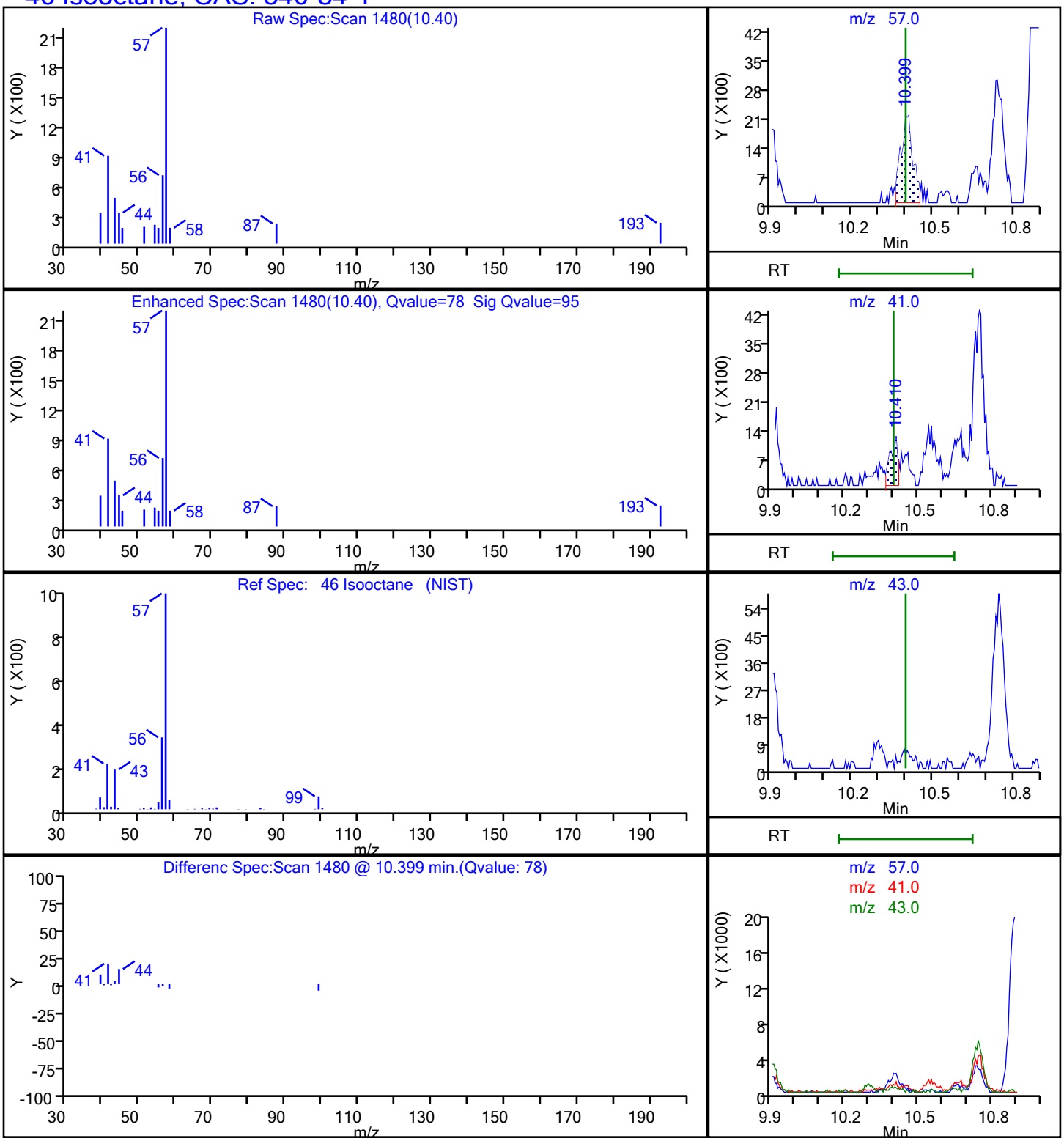
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Isooctane, CAS: 540-84-1



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
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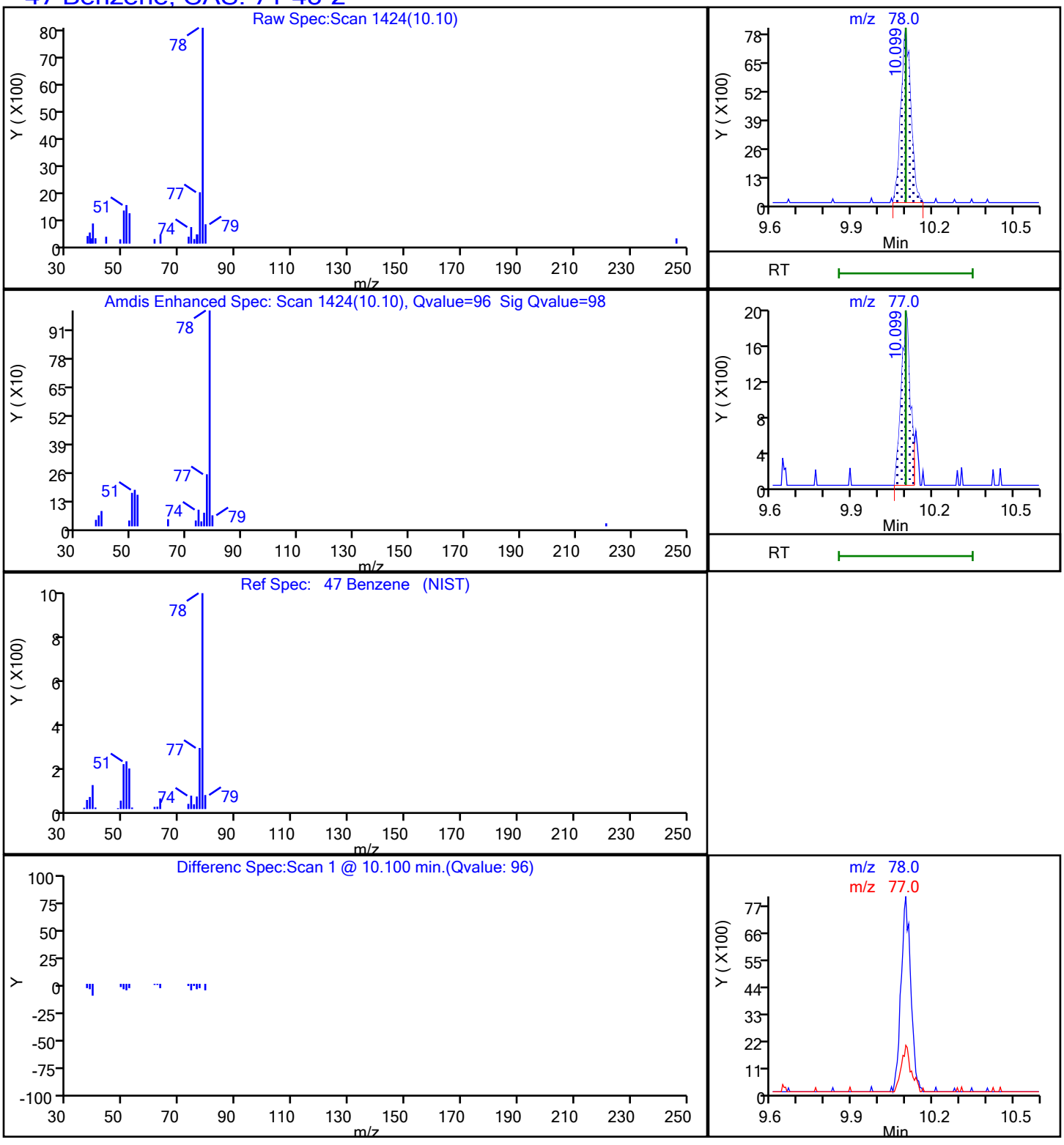
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2



Eurofins TestAmerica, Burlington

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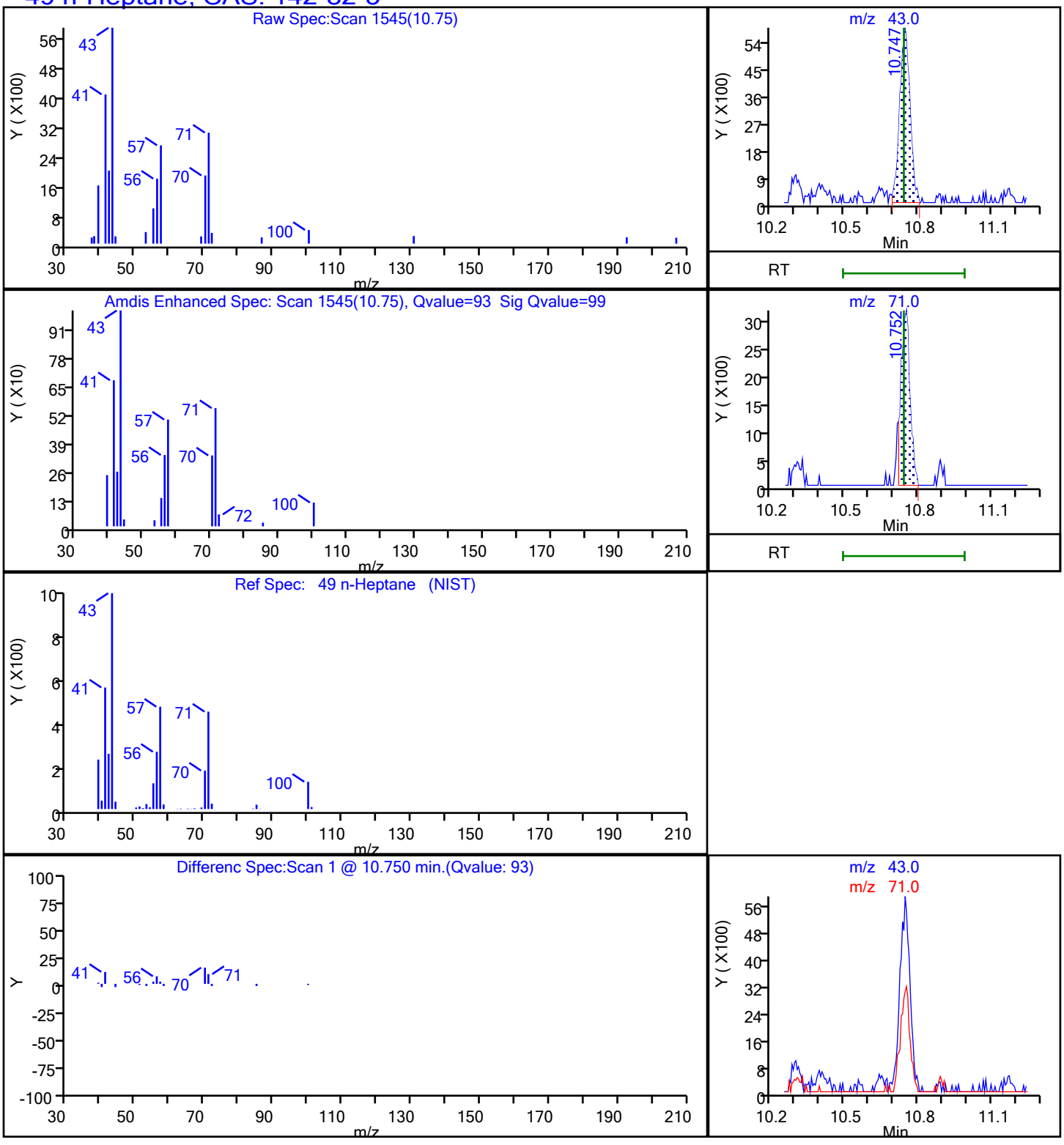
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5



Eurofins TestAmerica, Burlington

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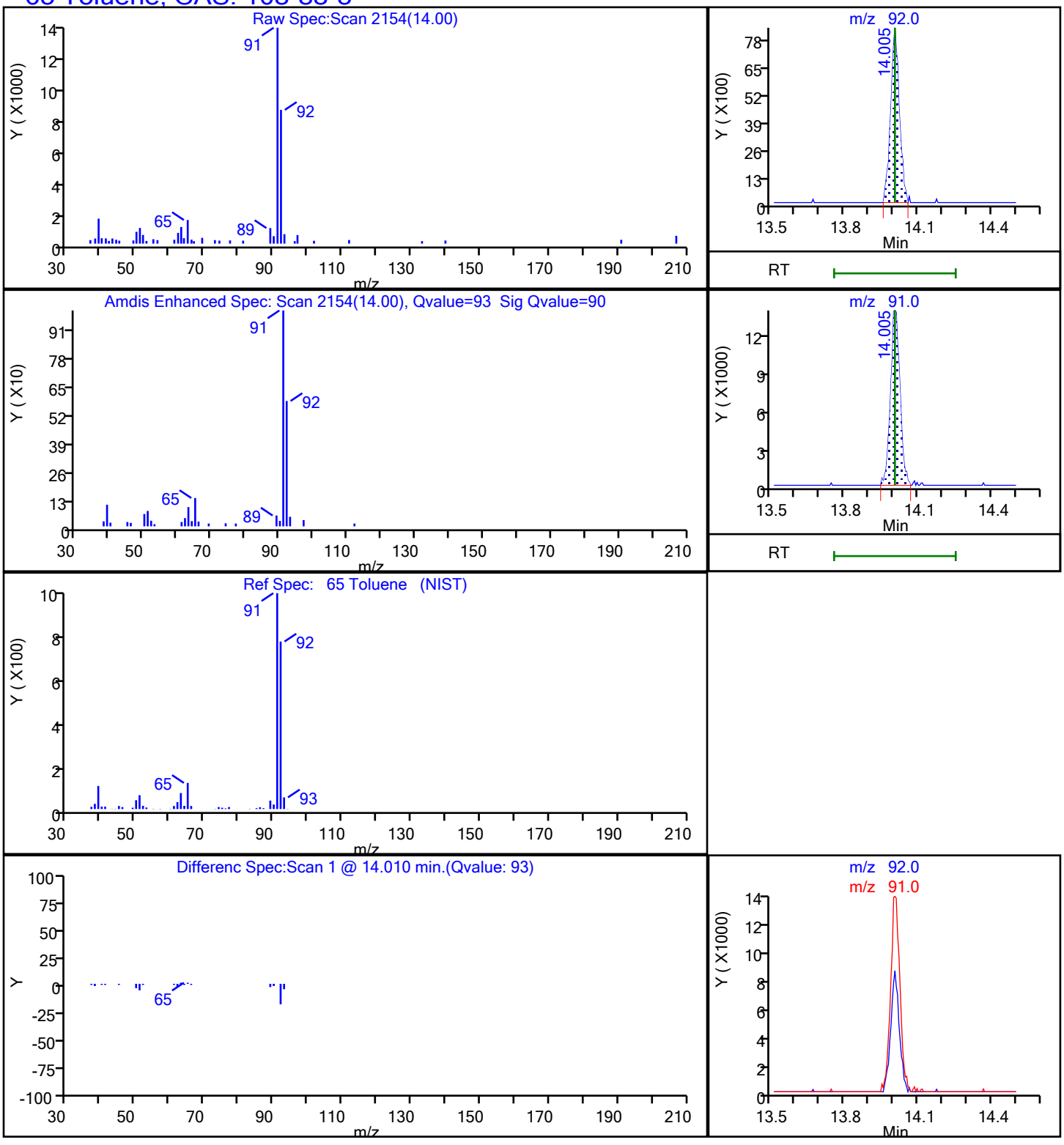
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

65 Toluene, CAS: 108-88-3



Report Date: 04-May-2021 08:58:05 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

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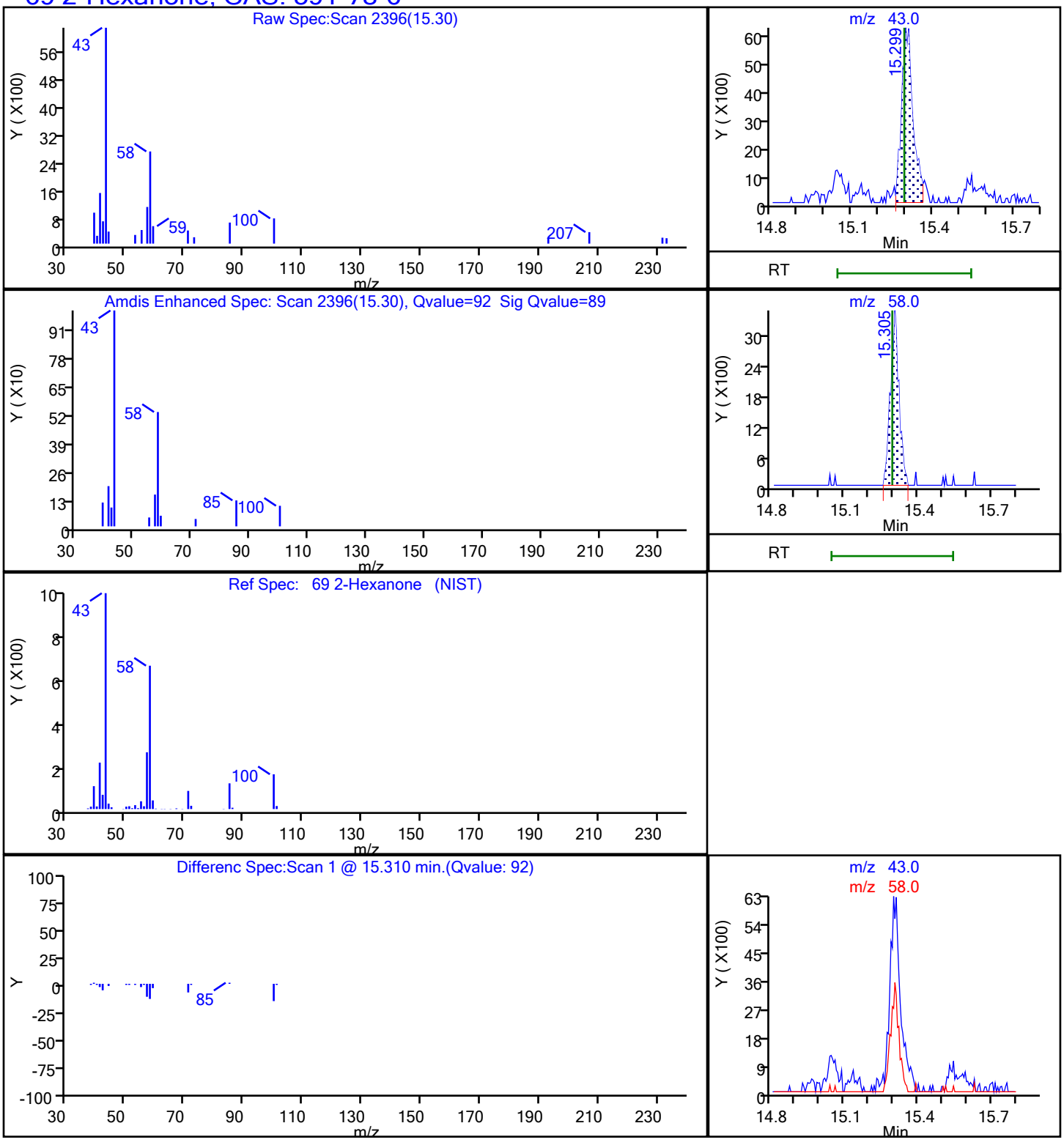
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

69 2-Hexanone, CAS: 591-78-6



Eurofins TestAmerica, Burlington

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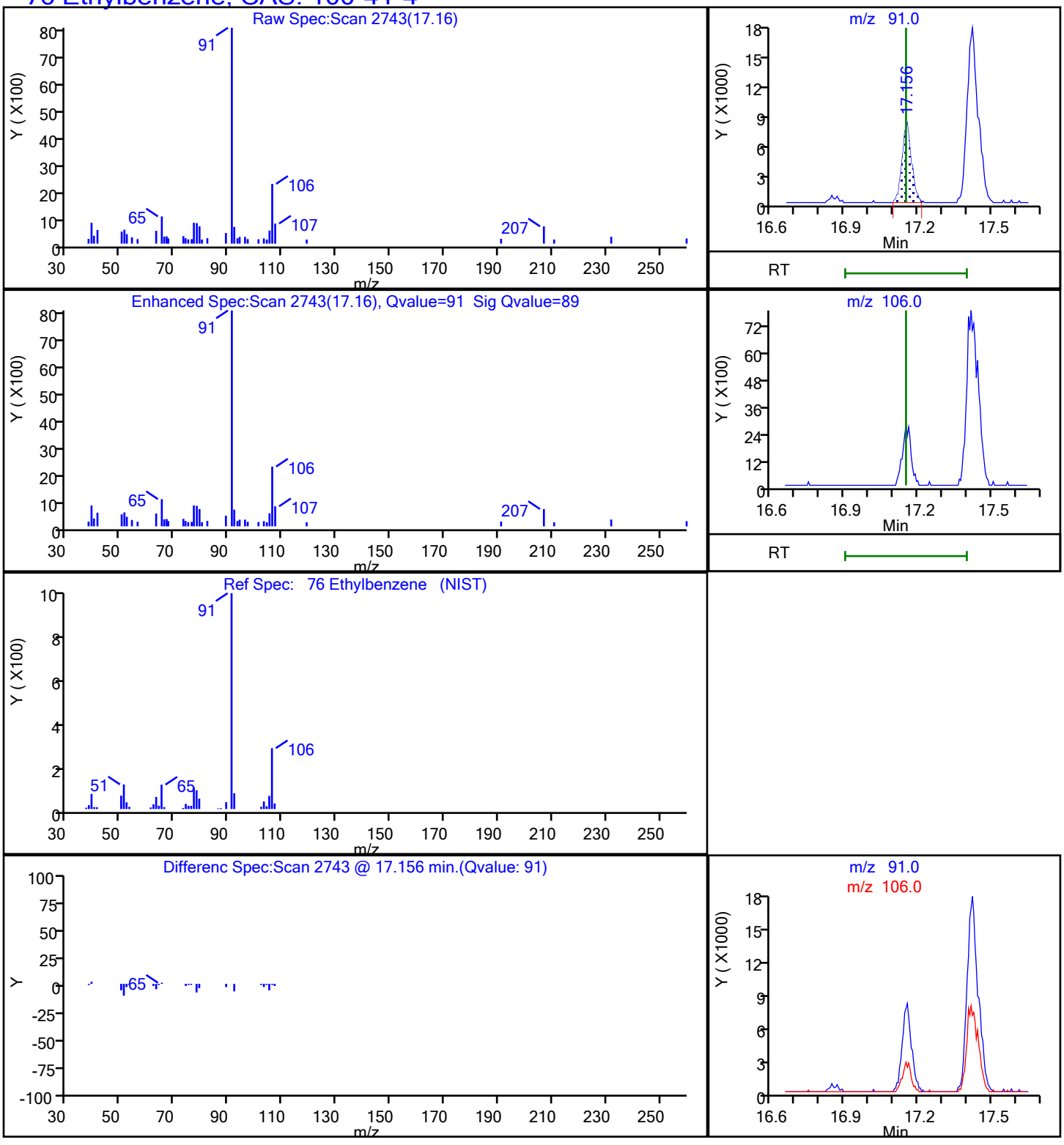
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 Ethylbenzene, CAS: 100-41-4



Report Date: 04-May-2021 08:58:05 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

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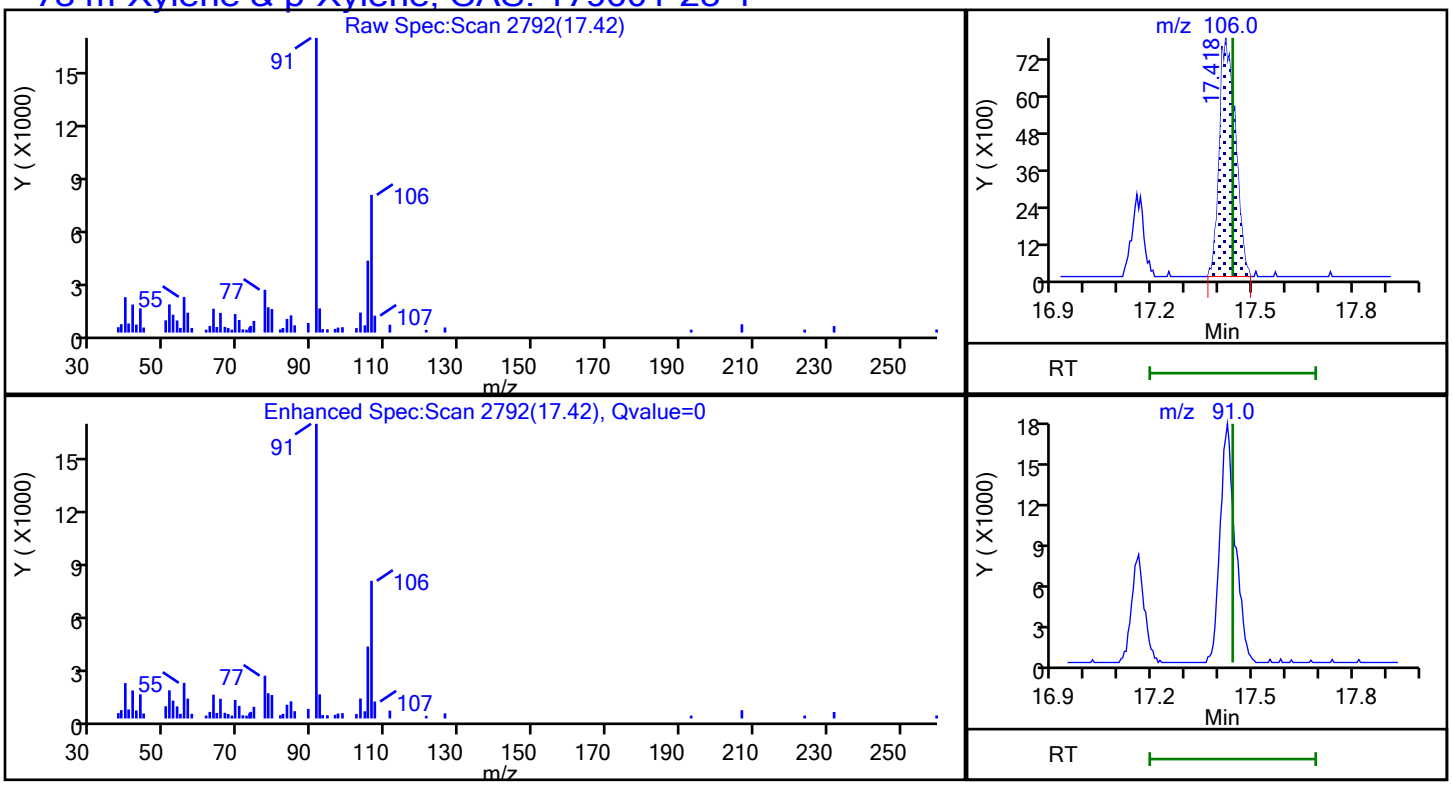
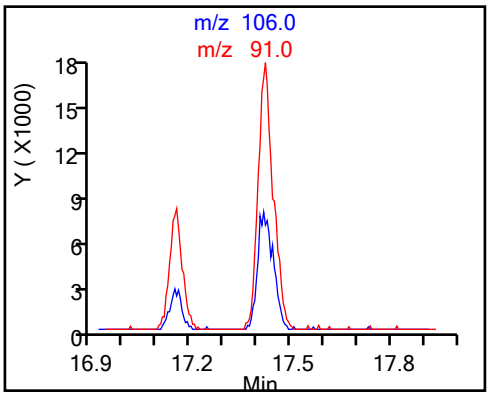
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 m-Xylene & p-Xylene, CAS: 179601-23-1





Report Date: 04-May-2021 08:58:05 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

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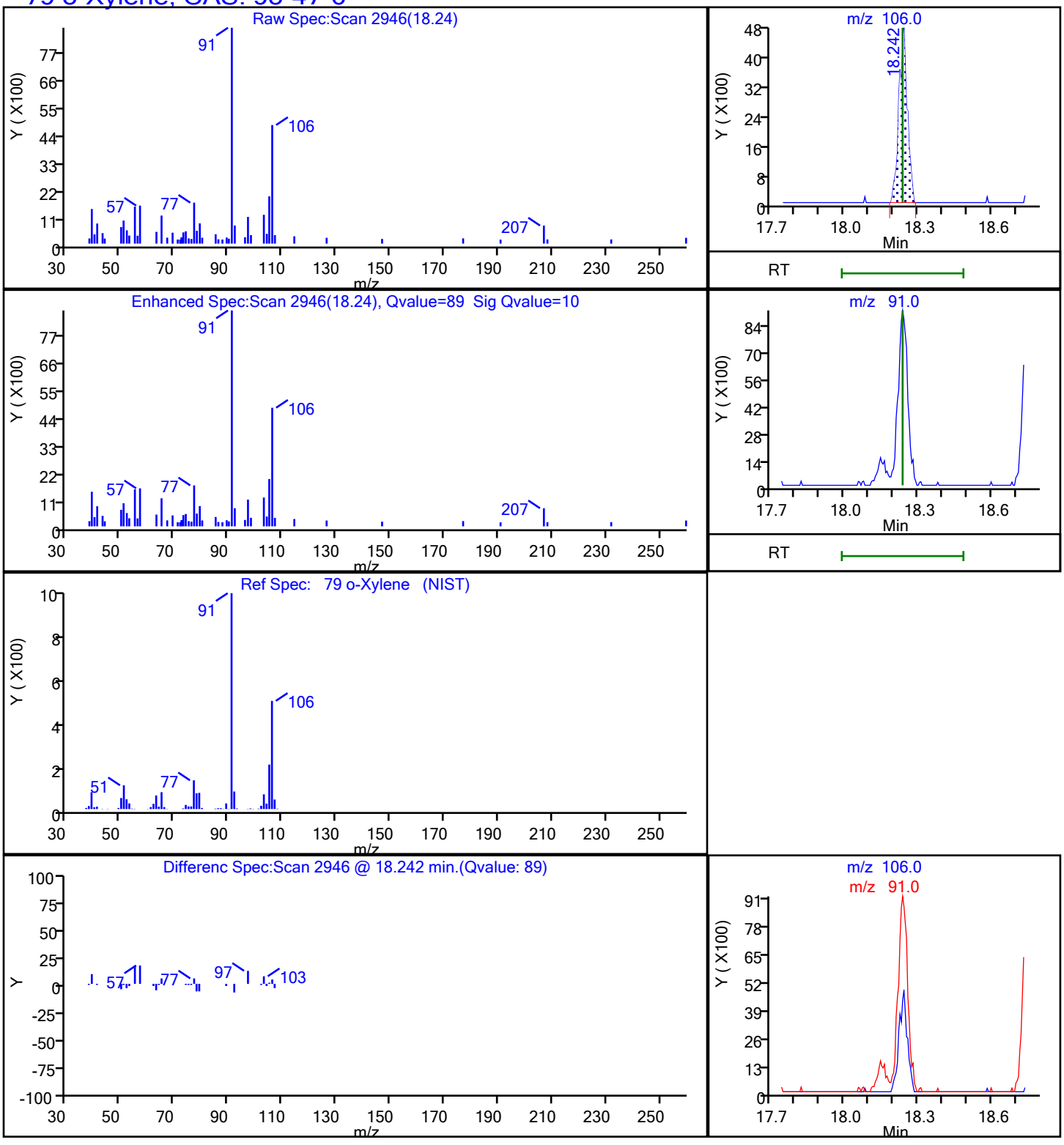
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 o-Xylene, CAS: 95-47-6



Eurofins TestAmerica, Burlington

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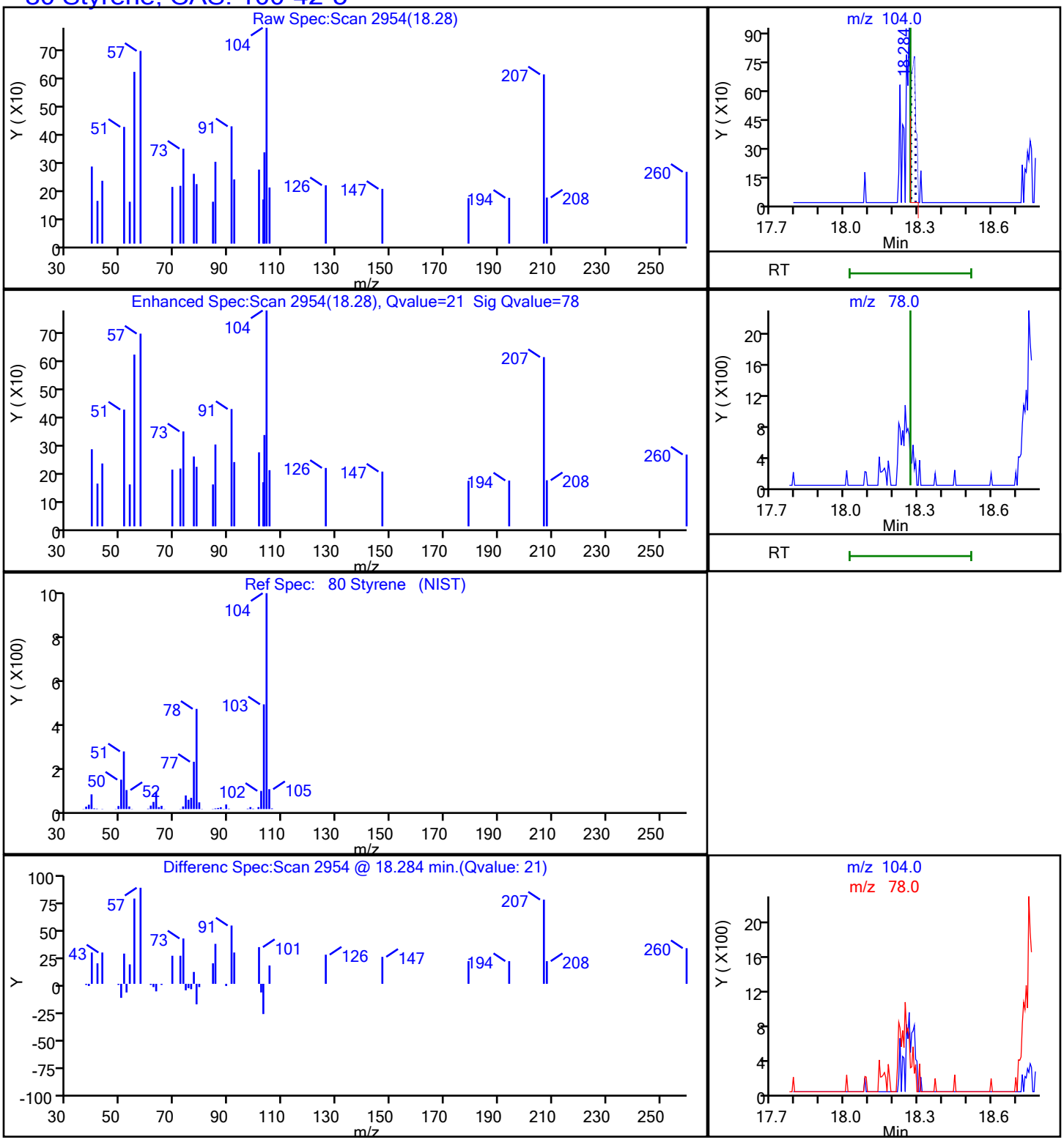
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 Styrene, CAS: 100-42-5



Eurofins TestAmerica, Burlington

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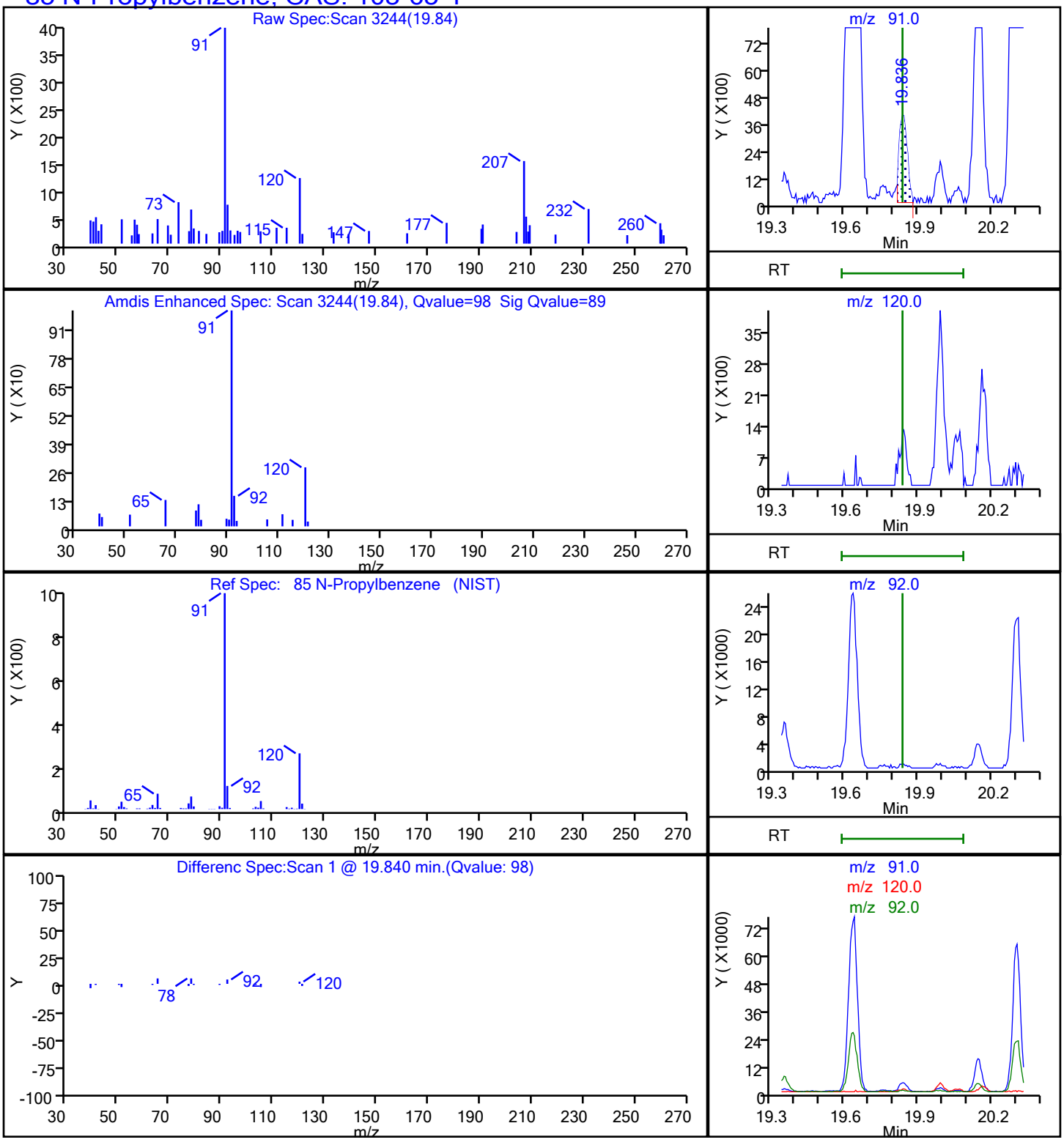
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1



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Eurofins TestAmerica, Burlington

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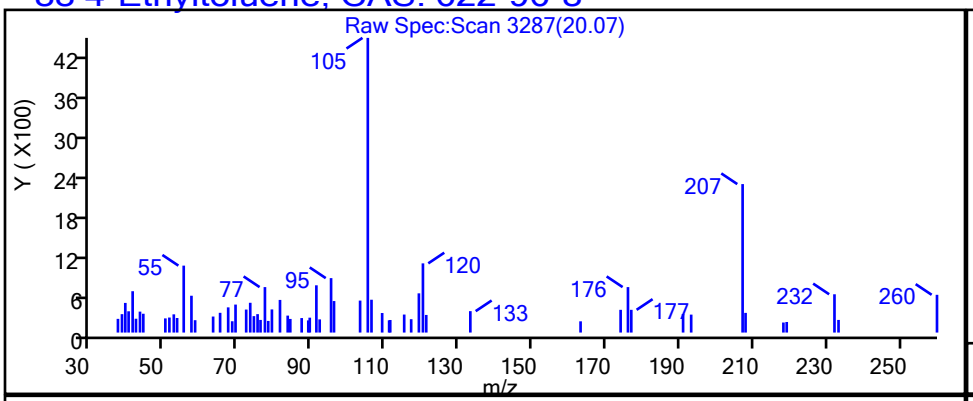
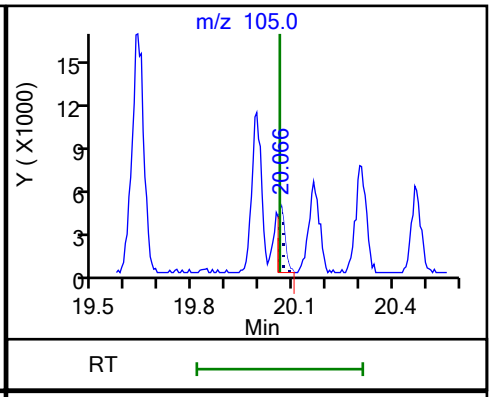
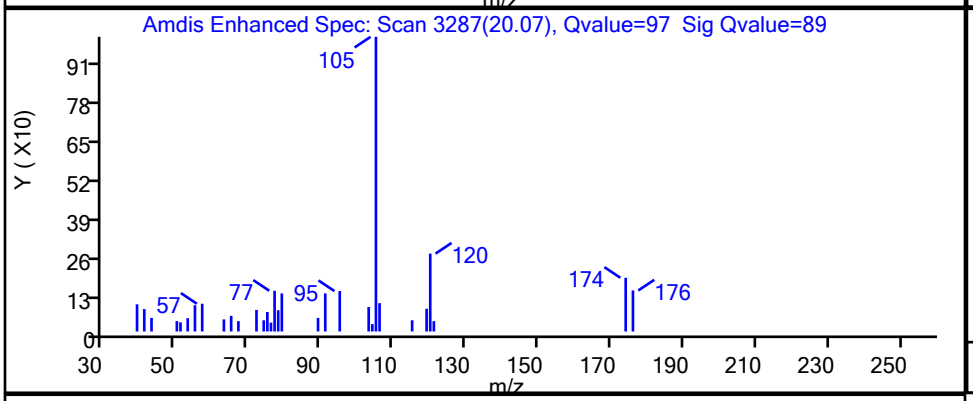
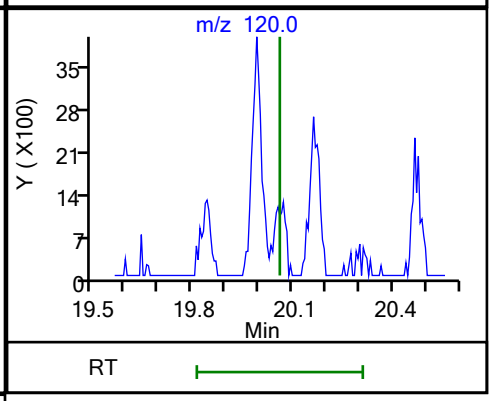
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

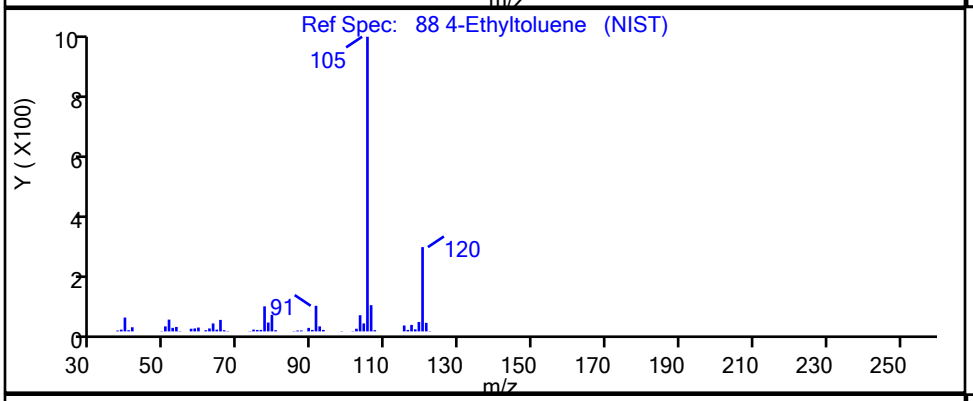
88 4-Ethyltoluene, CAS: 622-96-8

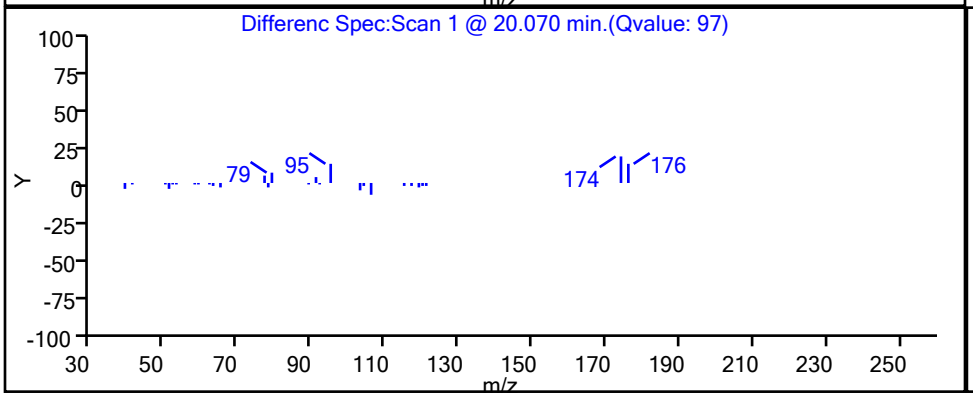


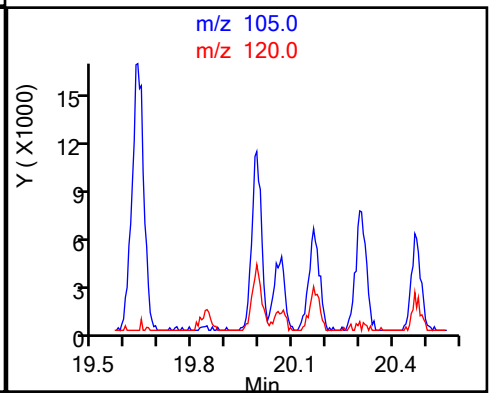








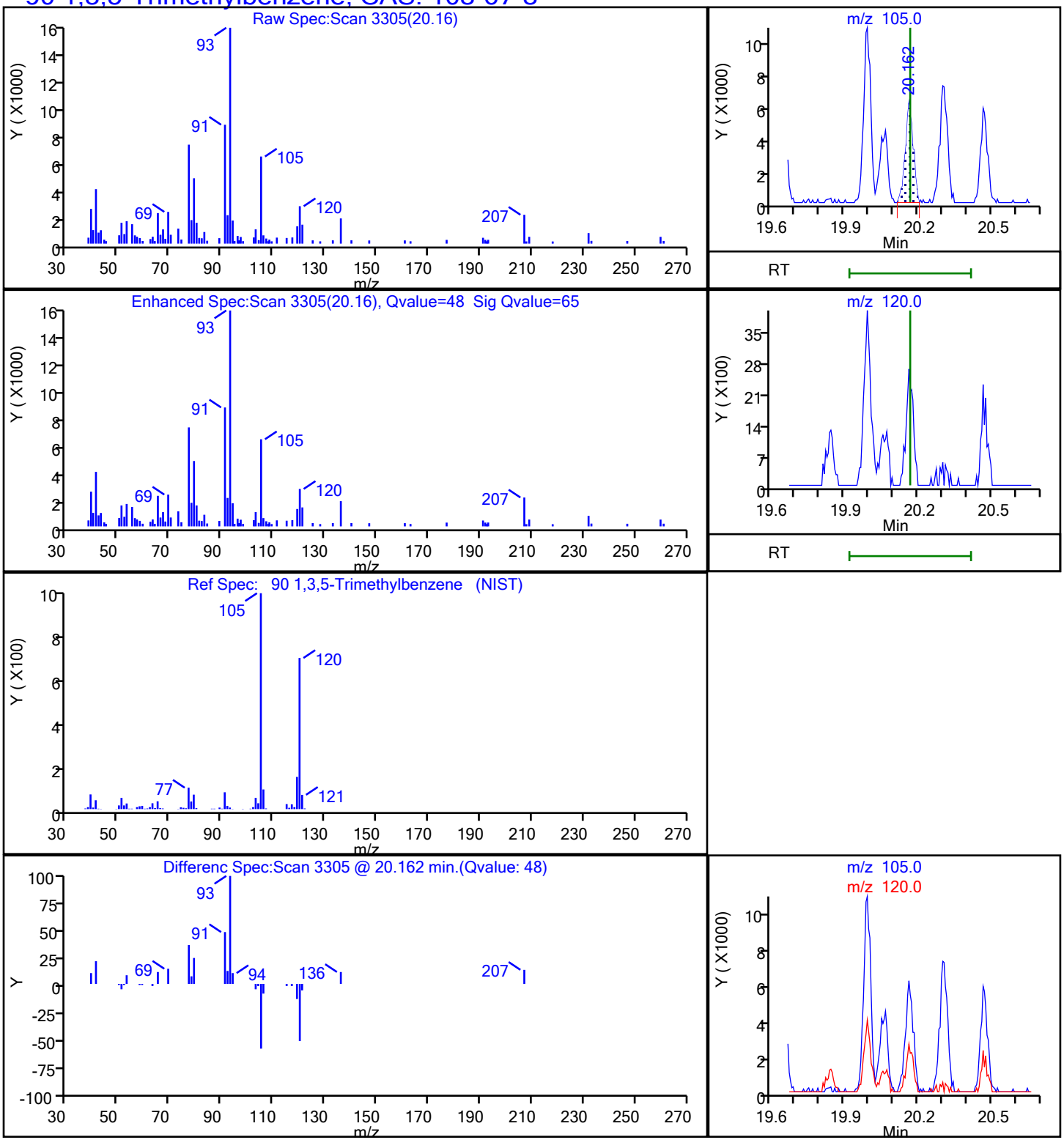




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,3,5-Trimethylbenzene, CAS: 108-67-8



Eurofins TestAmerica, Burlington

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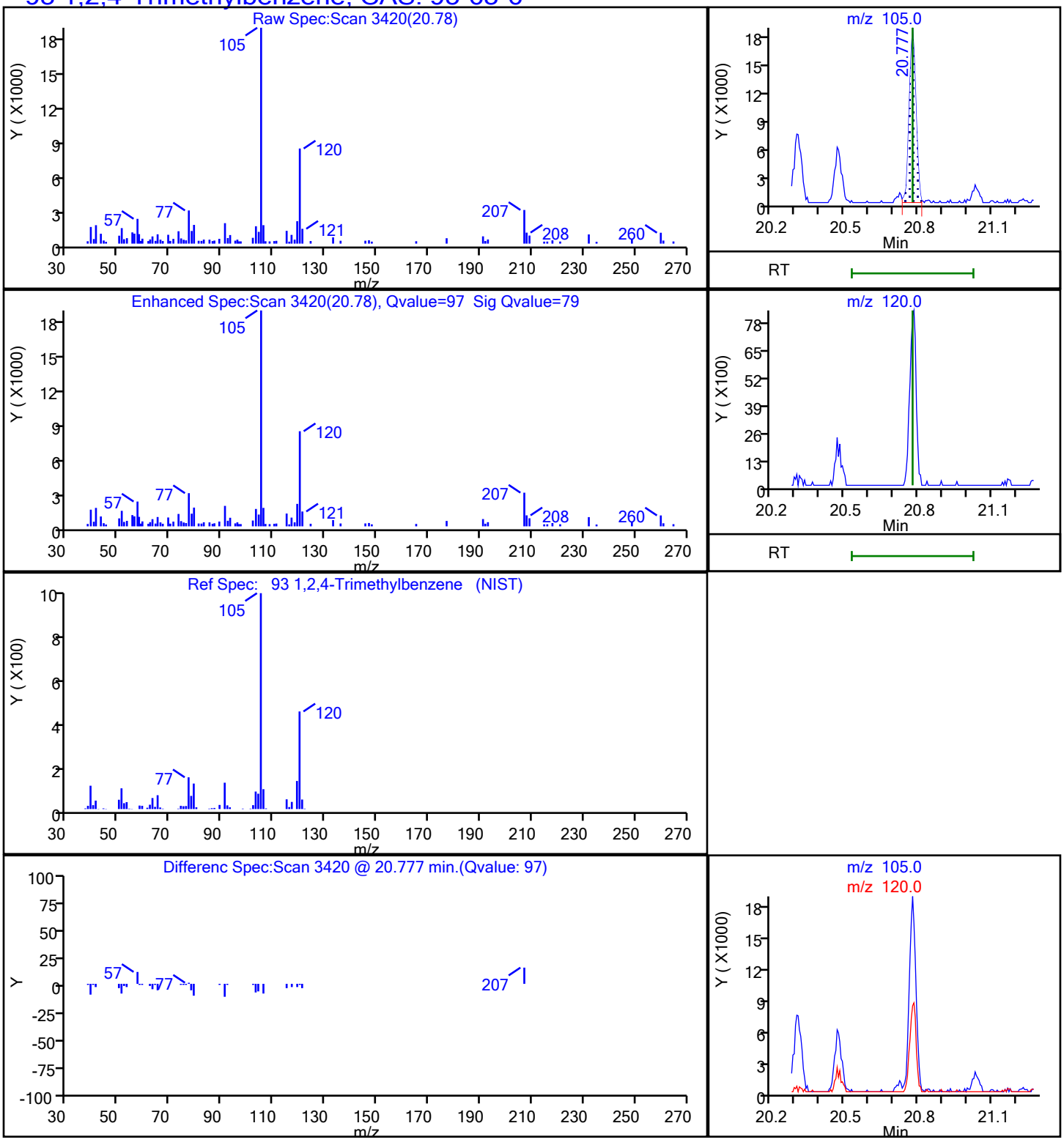
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 1,2,4-Trimethylbenzene, CAS: 95-63-6



Eurofins TestAmerica, Burlington

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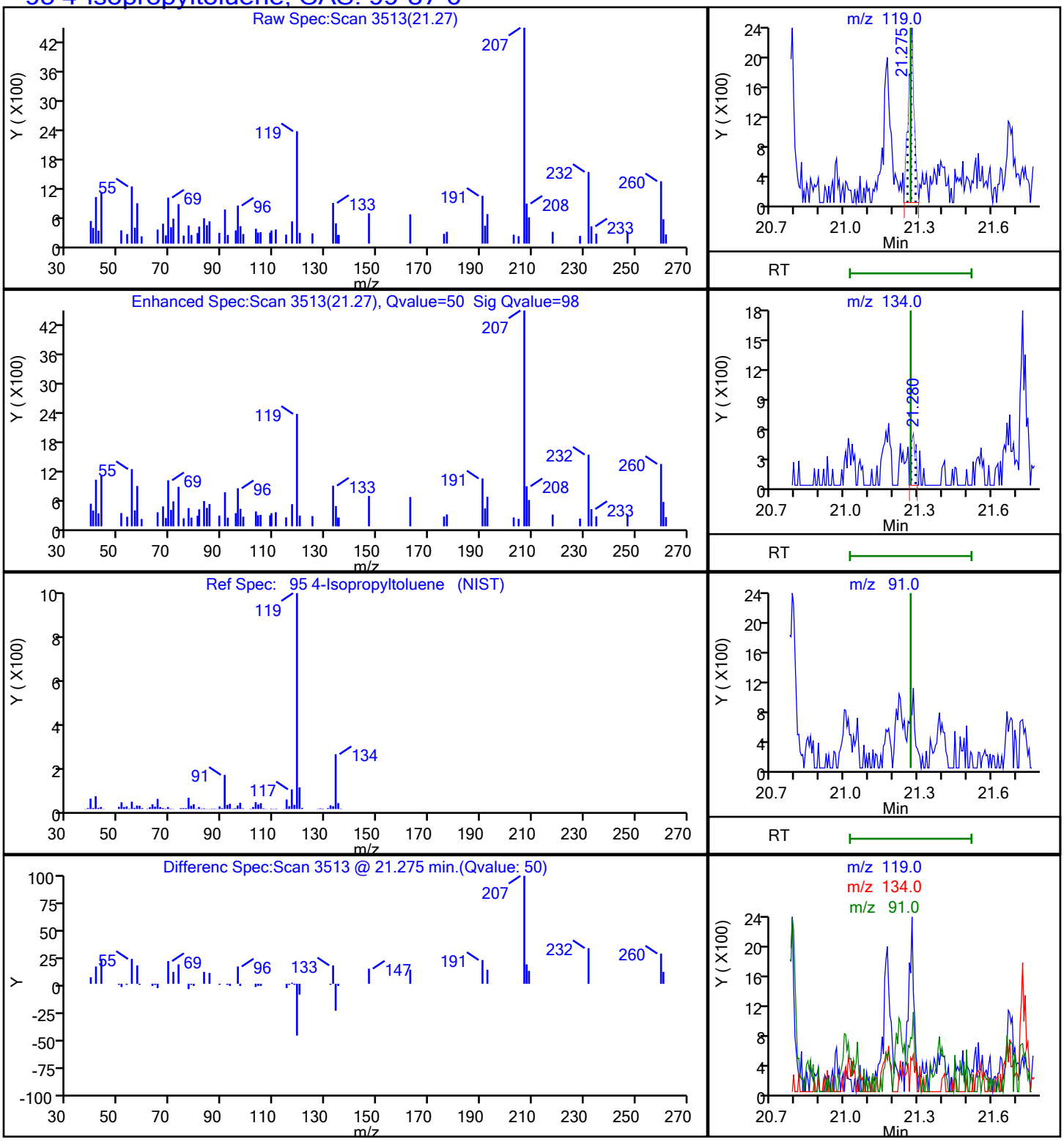
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 4-Isopropyltoluene, CAS: 99-87-6



Eurofins TestAmerica, Burlington

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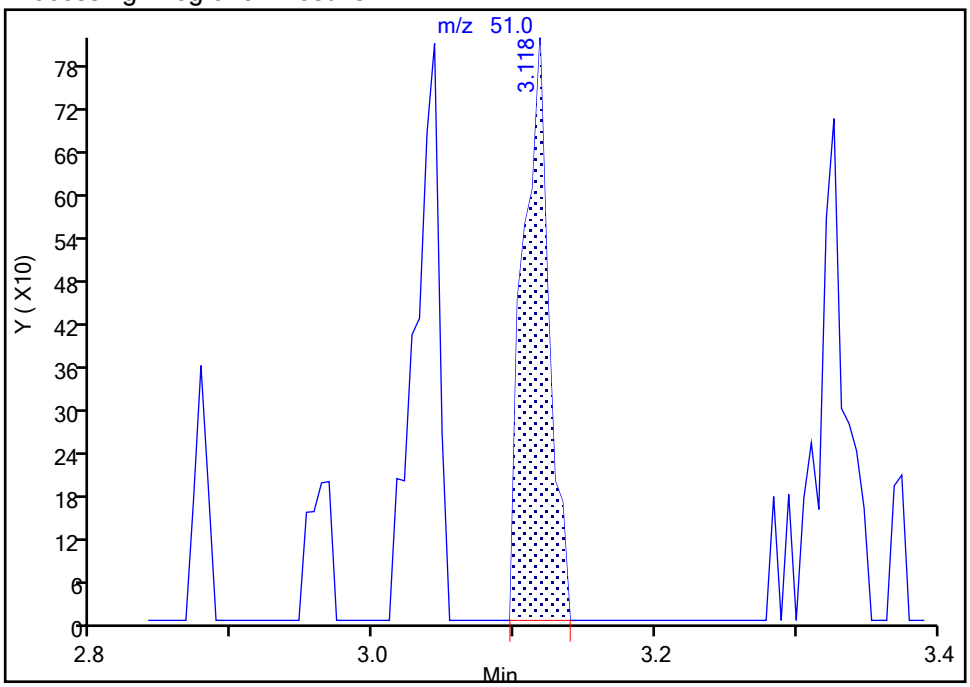
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

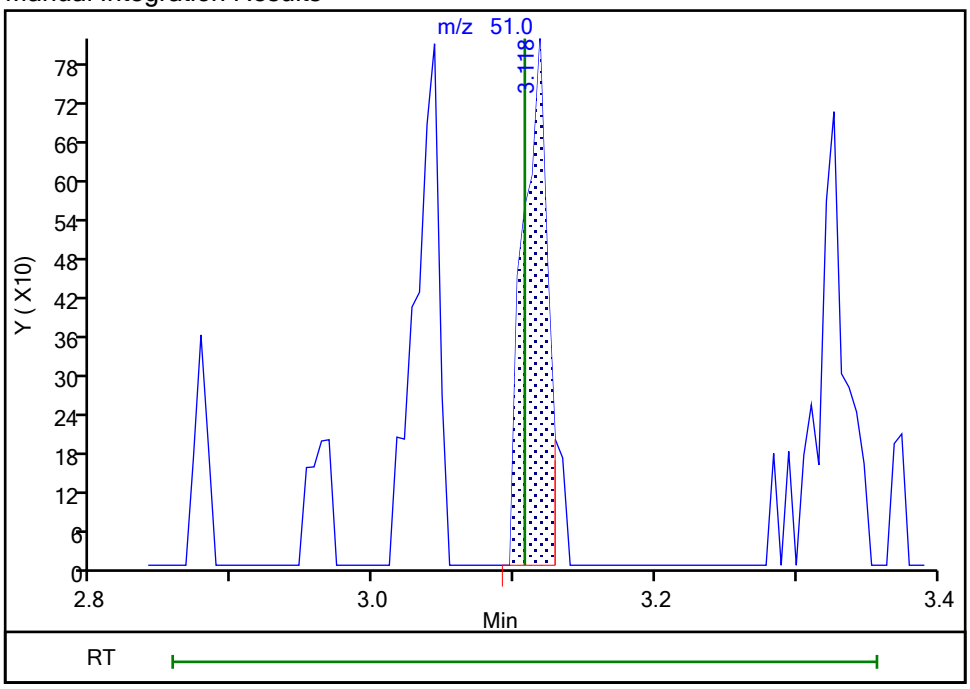
Processing Integration Results

RT: 3.12
Area: 1041
Amount: 0.082475
Amount Units: ppb v/v



Manual Integration Results

RT: 3.12
Area: 988
Amount: 0.078276
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:41:07
Audit Action: Manually Integrated Audit Reason: Assign Peak

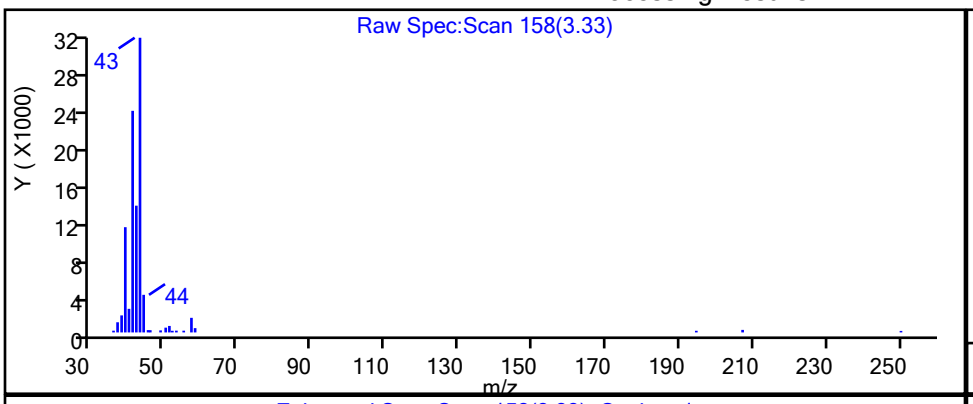
User Disabled Compound Report

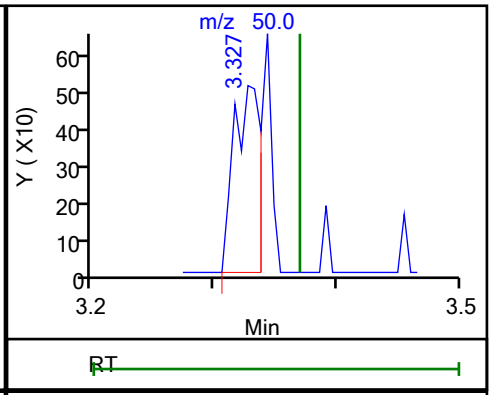
Eurofins TestAmerica, Burlington

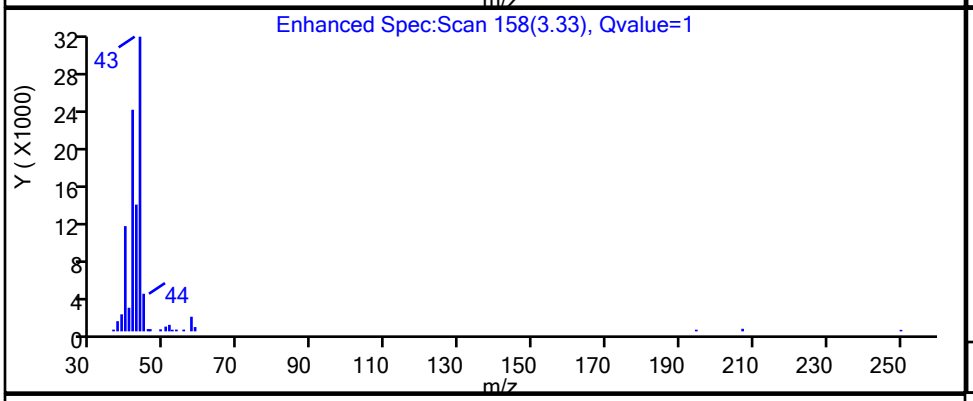
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

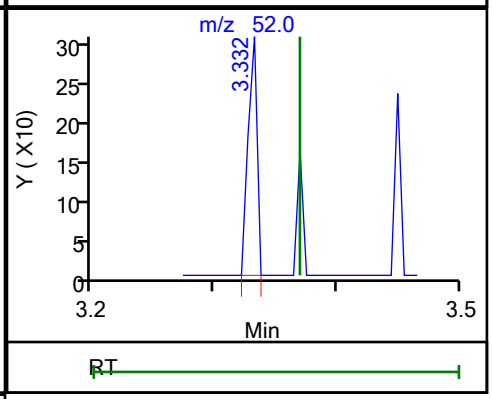
5 Chloromethane, CAS: 74-87-3

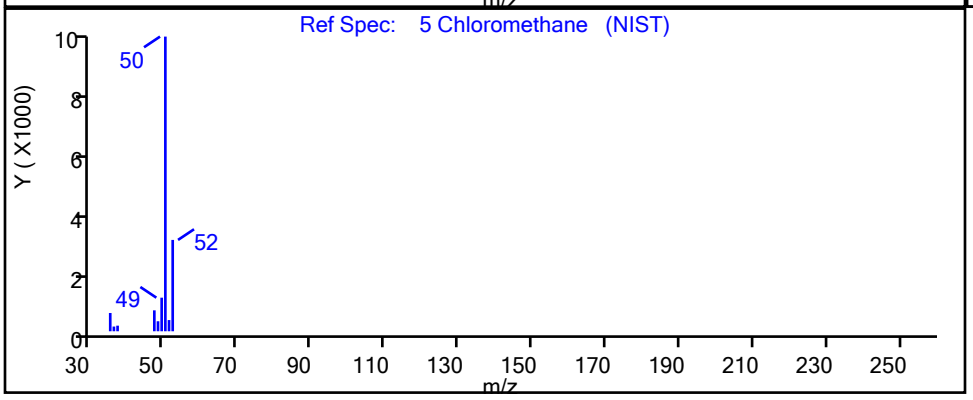
Processing Results











RT	Mass	Response	Amount
3.33	50.00	776	0.133276
3.33	52.00	154	

Reviewer: bunmaa, 04-May-2021 08:41:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

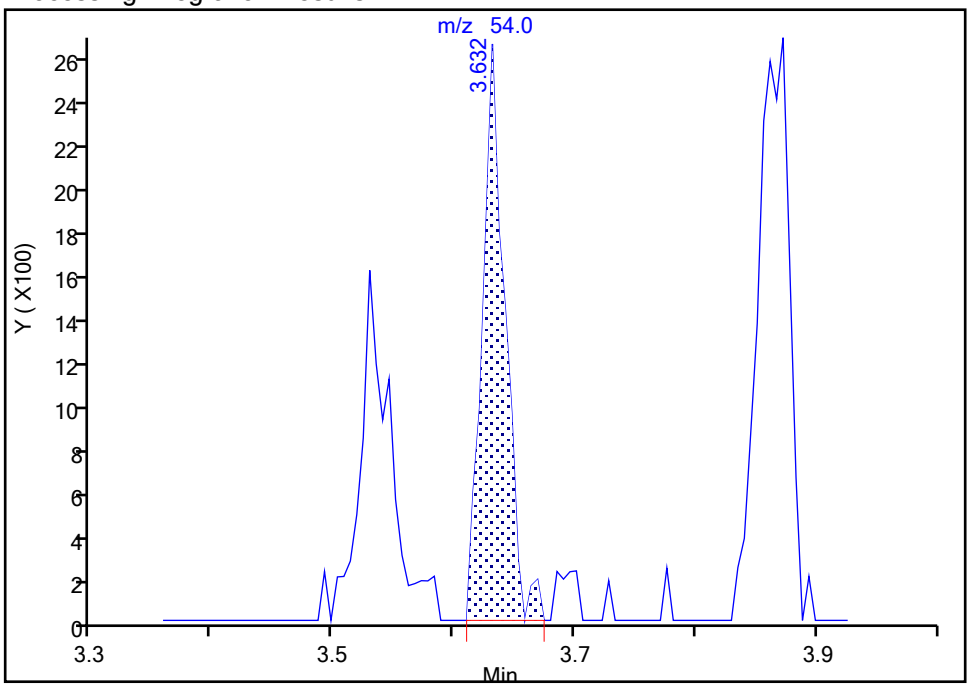
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

8 Butadiene, CAS: 106-99-0

Signal: 1

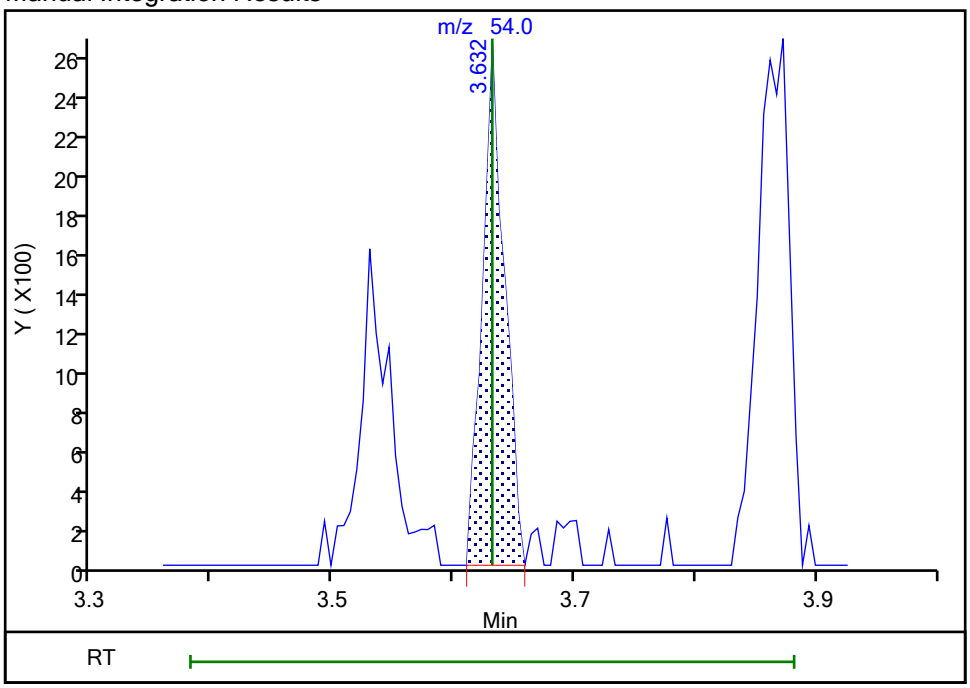
Processing Integration Results

RT: 3.63
Area: 3397
Amount: 0.686044
Amount Units: ppb v/v



Manual Integration Results

RT: 3.63
Area: 3288
Amount: 0.664031
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:41:57

Audit Action: Manually Integrated Audit Reason: Assign Peak

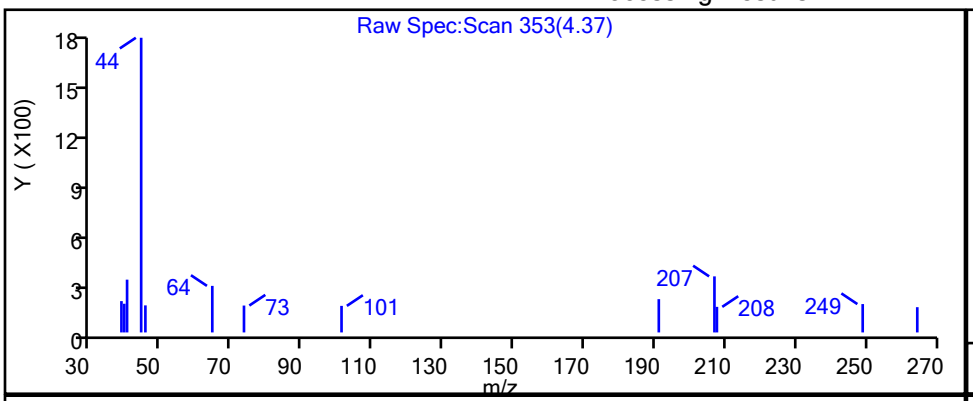
User Disabled Compound Report

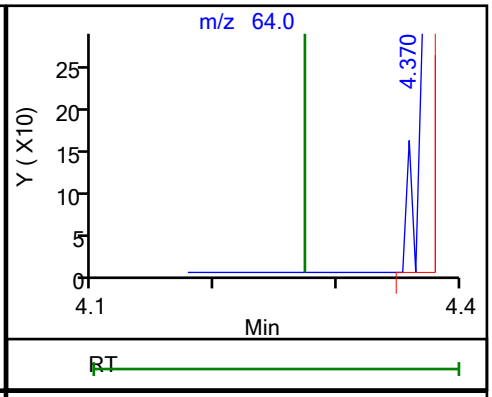
Eurofins TestAmerica, Burlington

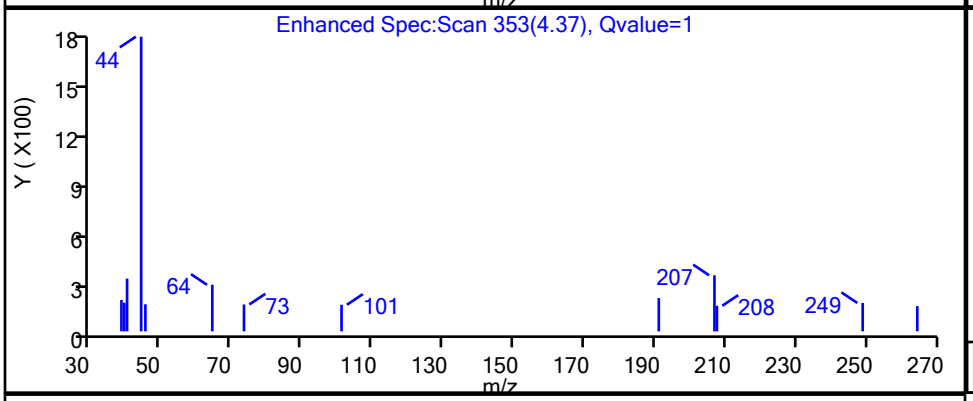
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

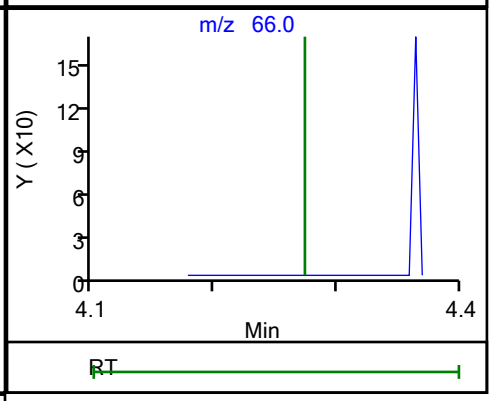
11 Chloroethane, CAS: 75-00-3

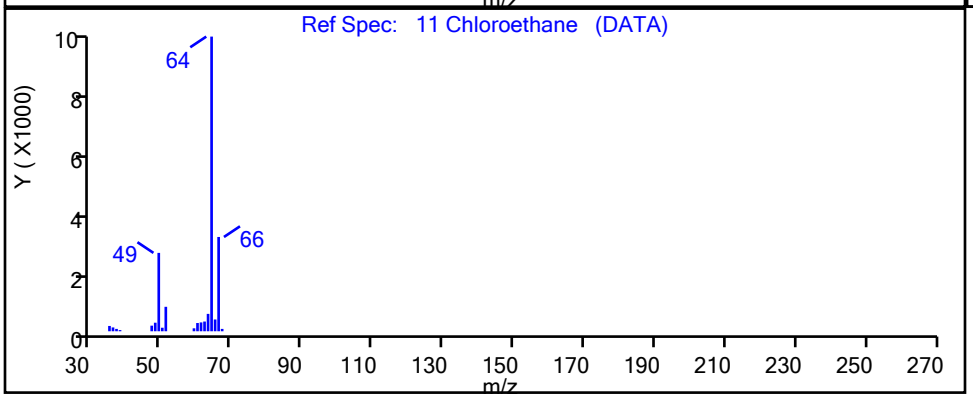
Processing Results











RT	Mass	Response	Amount
4.37	64.00	142	0.052423
4.27	66.00	0	

Reviewer: bunmaa, 04-May-2021 08:42:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

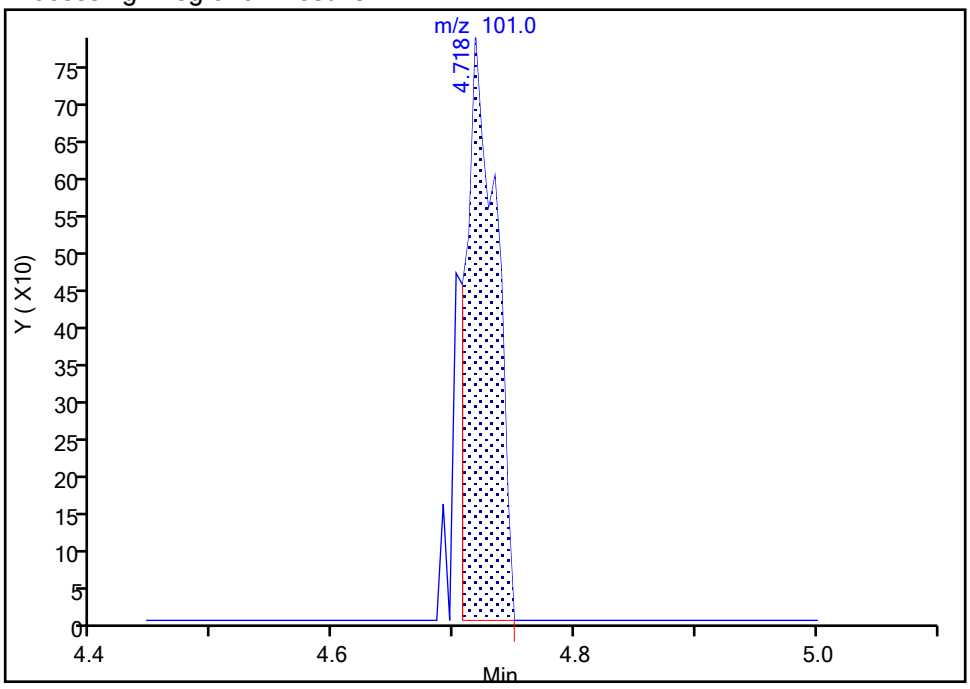
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

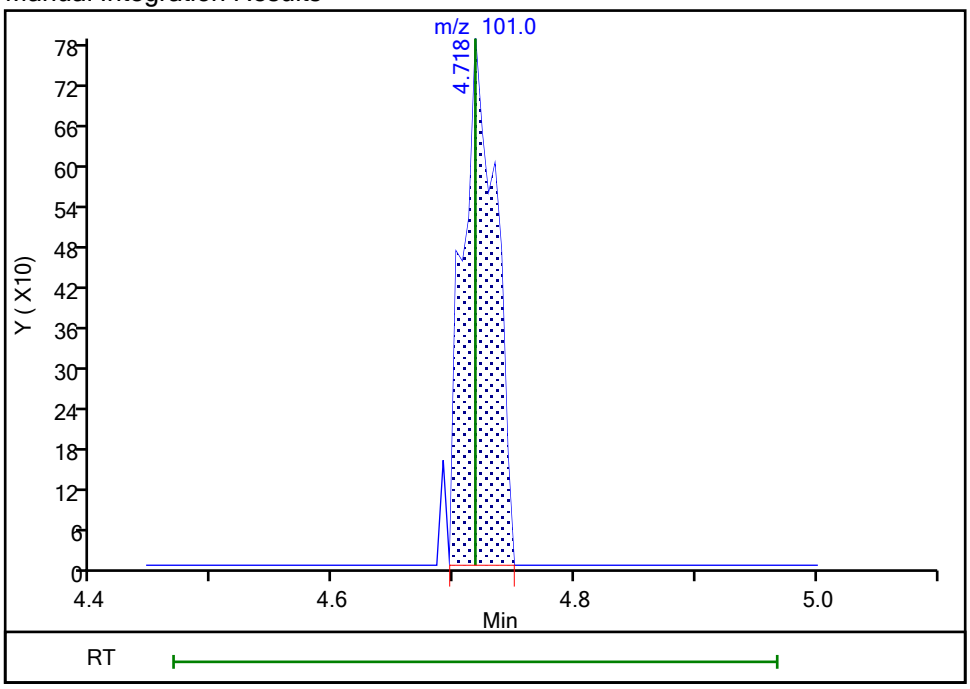
Processing Integration Results

RT: 4.72
Area: 1349
Amount: 0.049646
Amount Units: ppb v/v



Manual Integration Results

RT: 4.72
Area: 1499
Amount: 0.055166
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:42:41
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

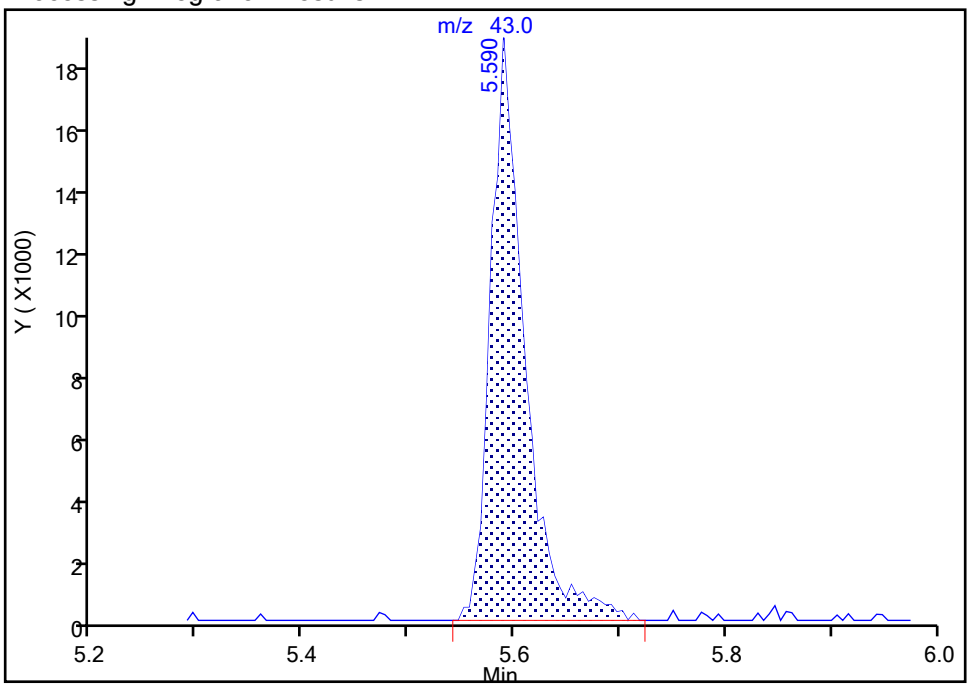
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1

Signal: 1

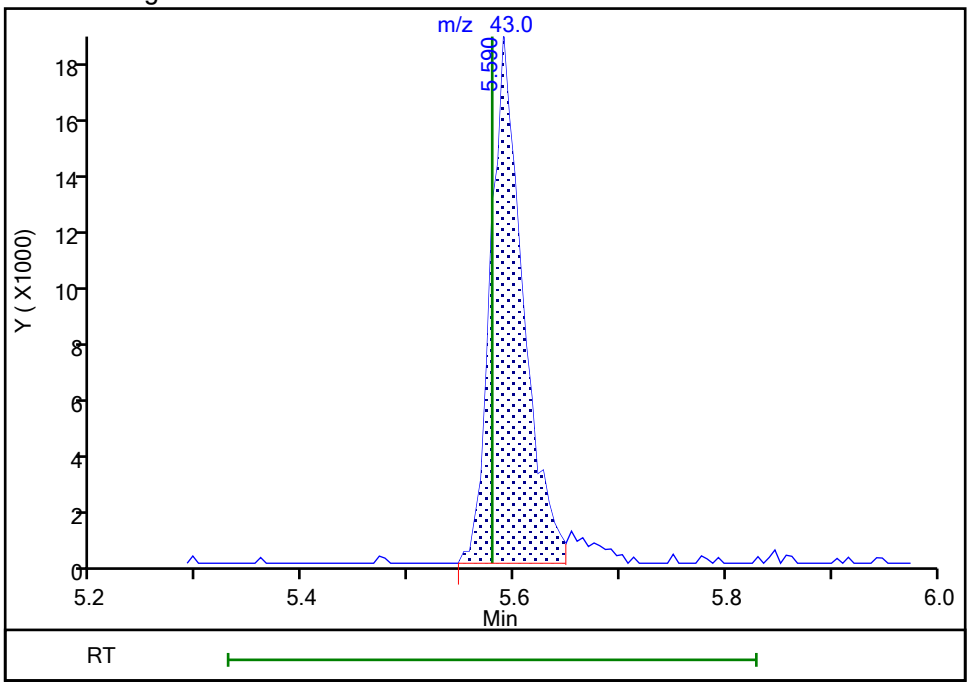
Processing Integration Results

RT: 5.59
Area: 40817
Amount: 5.045008
Amount Units: ppb v/v



Manual Integration Results

RT: 5.59
Area: 38768
Amount: 4.791750
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:42:56

Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins TestAmerica, Burlington

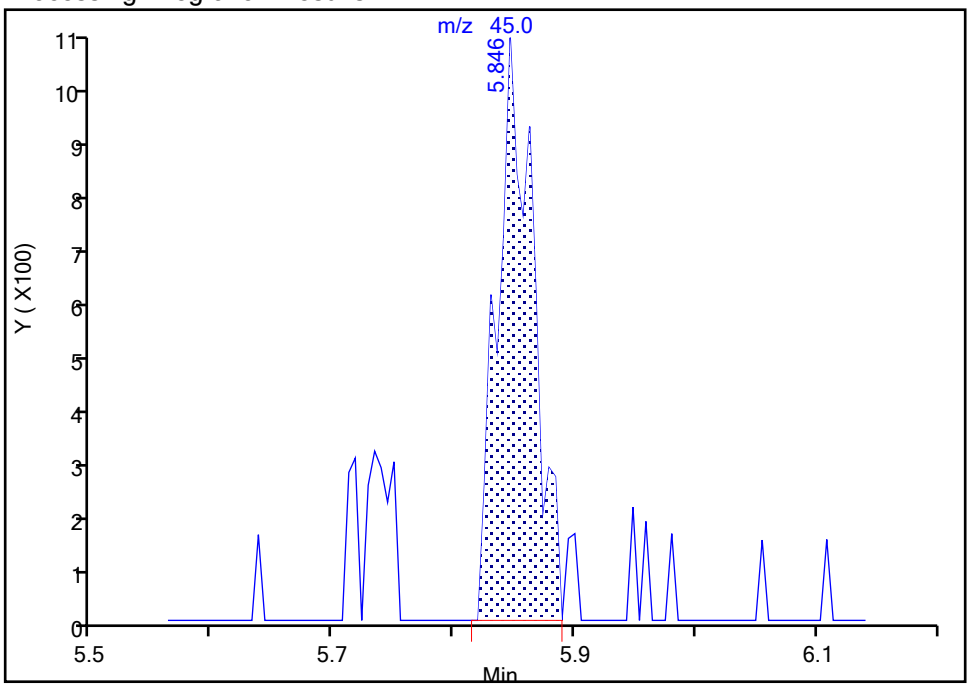
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

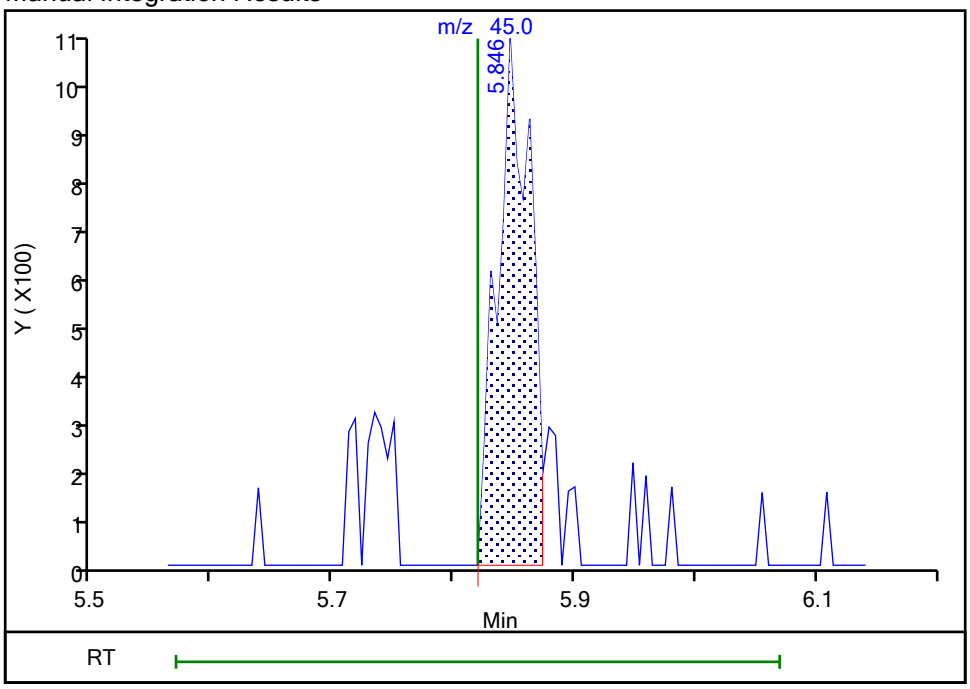
Processing Integration Results

RT: 5.85
Area: 2264
Amount: 0.239263
Amount Units: ppb v/v



Manual Integration Results

RT: 5.85
Area: 2086
Amount: 0.220451
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:43:22
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

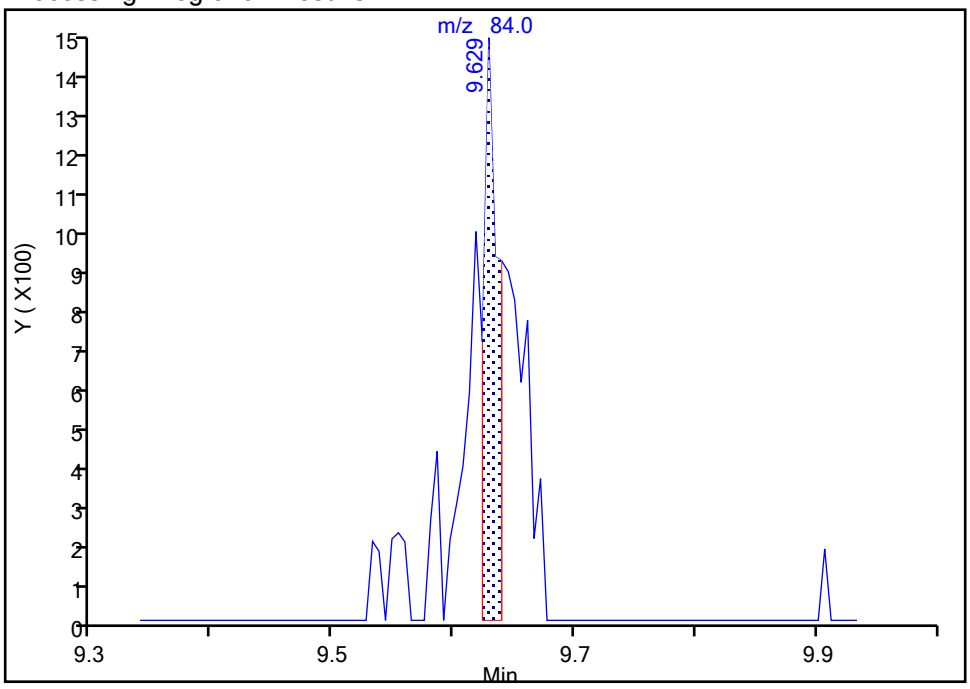
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7

Signal: 1

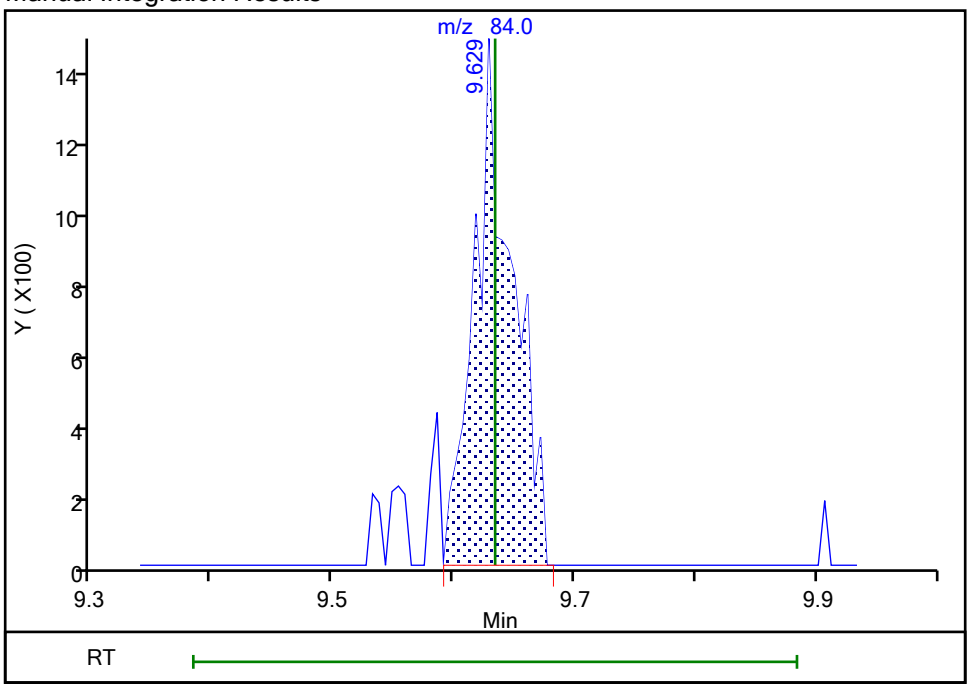
Processing Integration Results

RT: 9.63
Area: 1231
Amount: 0.099078
Amount Units: ppb v/v



Manual Integration Results

RT: 9.63
Area: 3094
Amount: 0.249023
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:50:46

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

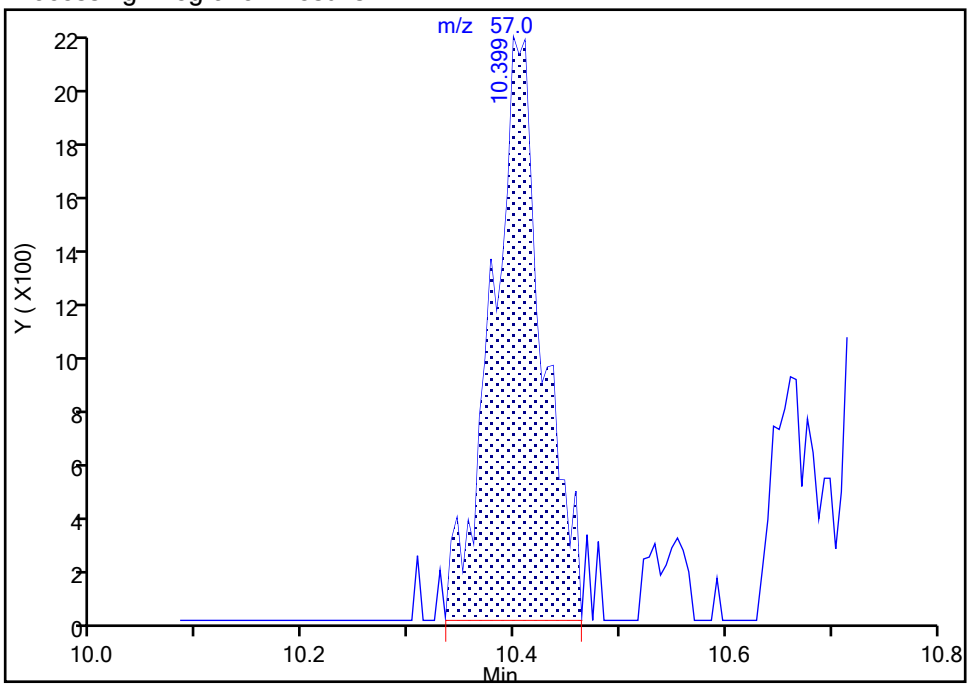
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Isooctane, CAS: 540-84-1

Signal: 1

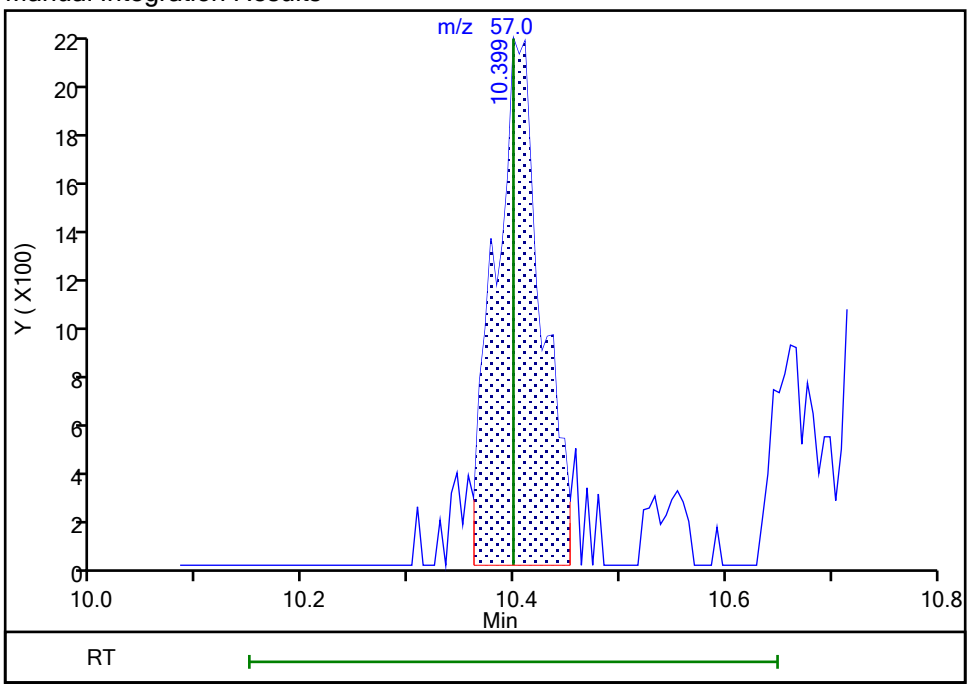
Processing Integration Results

RT: 10.40
Area: 7092
Amount: 0.134803
Amount Units: ppb v/v



Manual Integration Results

RT: 10.40
Area: 6556
Amount: 0.124615
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:51:11

Audit Action: Manually Integrated Audit Reason: Assign Peak

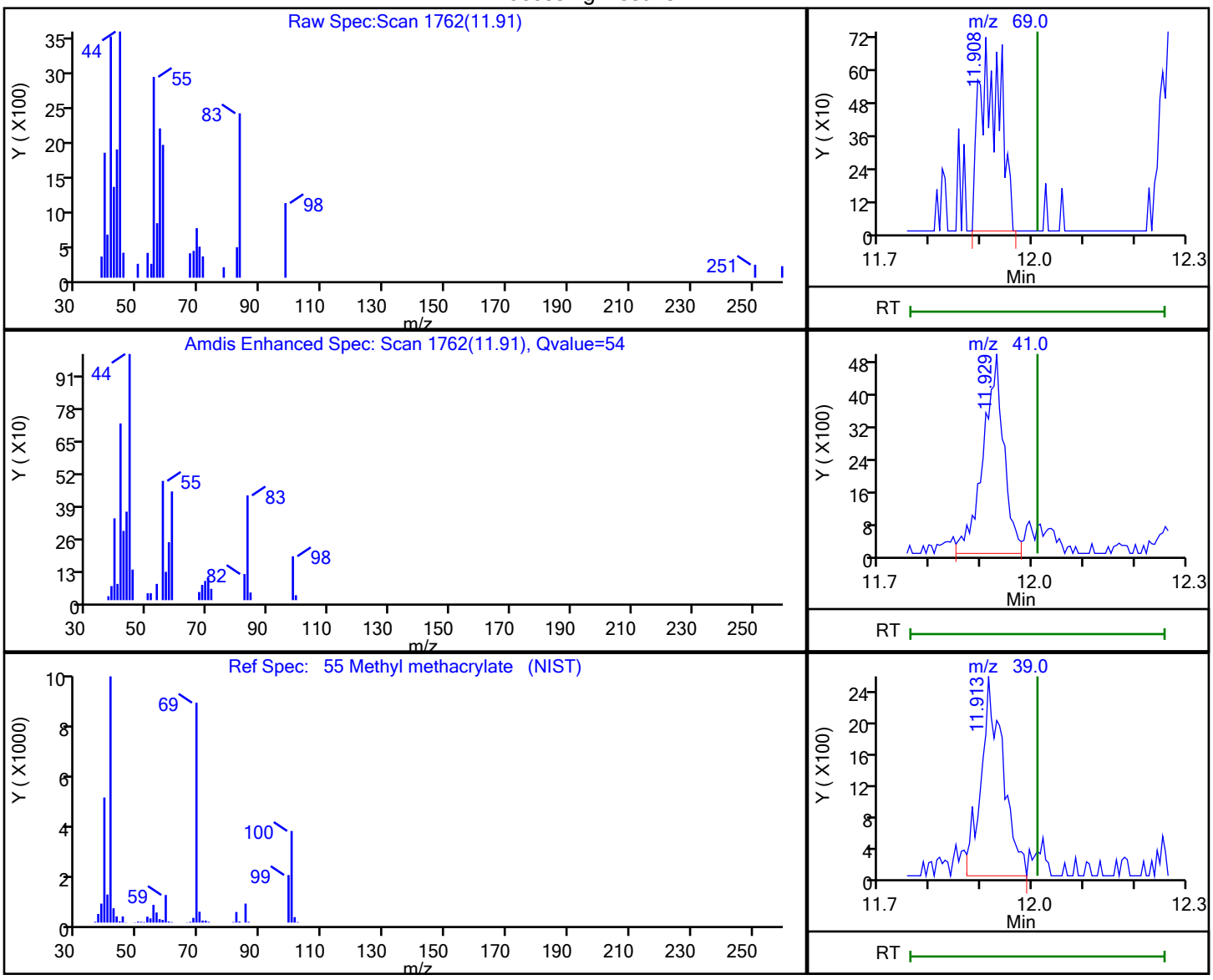
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

55 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
11.91	69.00	1975	0.173501
11.93	41.00	14016	
11.91	39.00	7635	

Reviewer: bunmaa, 04-May-2021 08:51:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

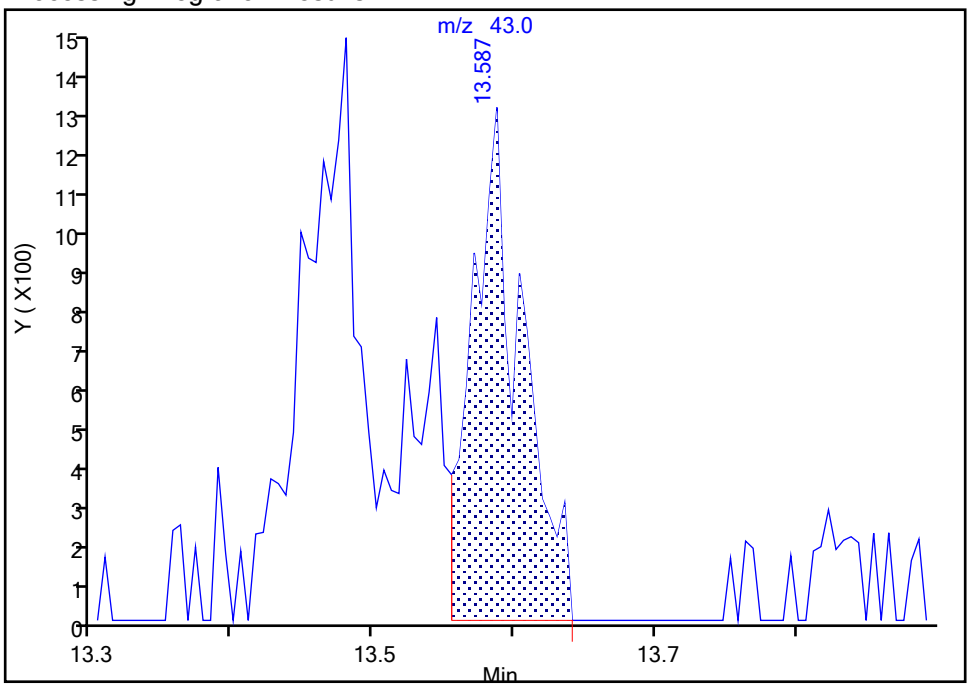
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

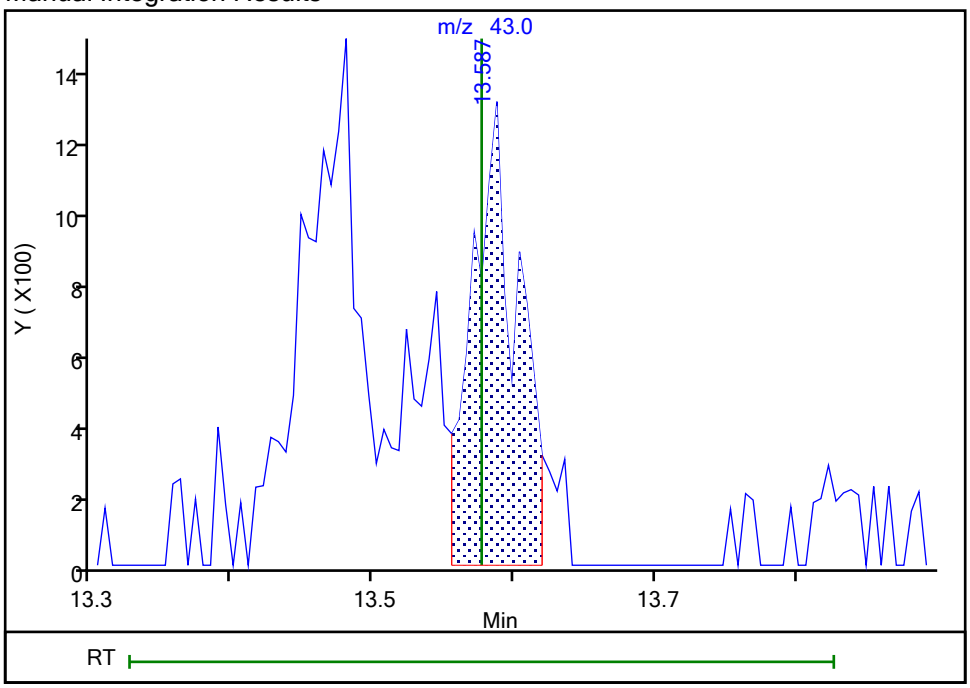
Processing Integration Results

RT: 13.59
Area: 3175
Amount: 0.111213
Amount Units: ppb v/v



Manual Integration Results

RT: 13.59
Area: 2930
Amount: 0.102631
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:51:44
Audit Action: Manually Integrated Audit Reason: Assign Peak

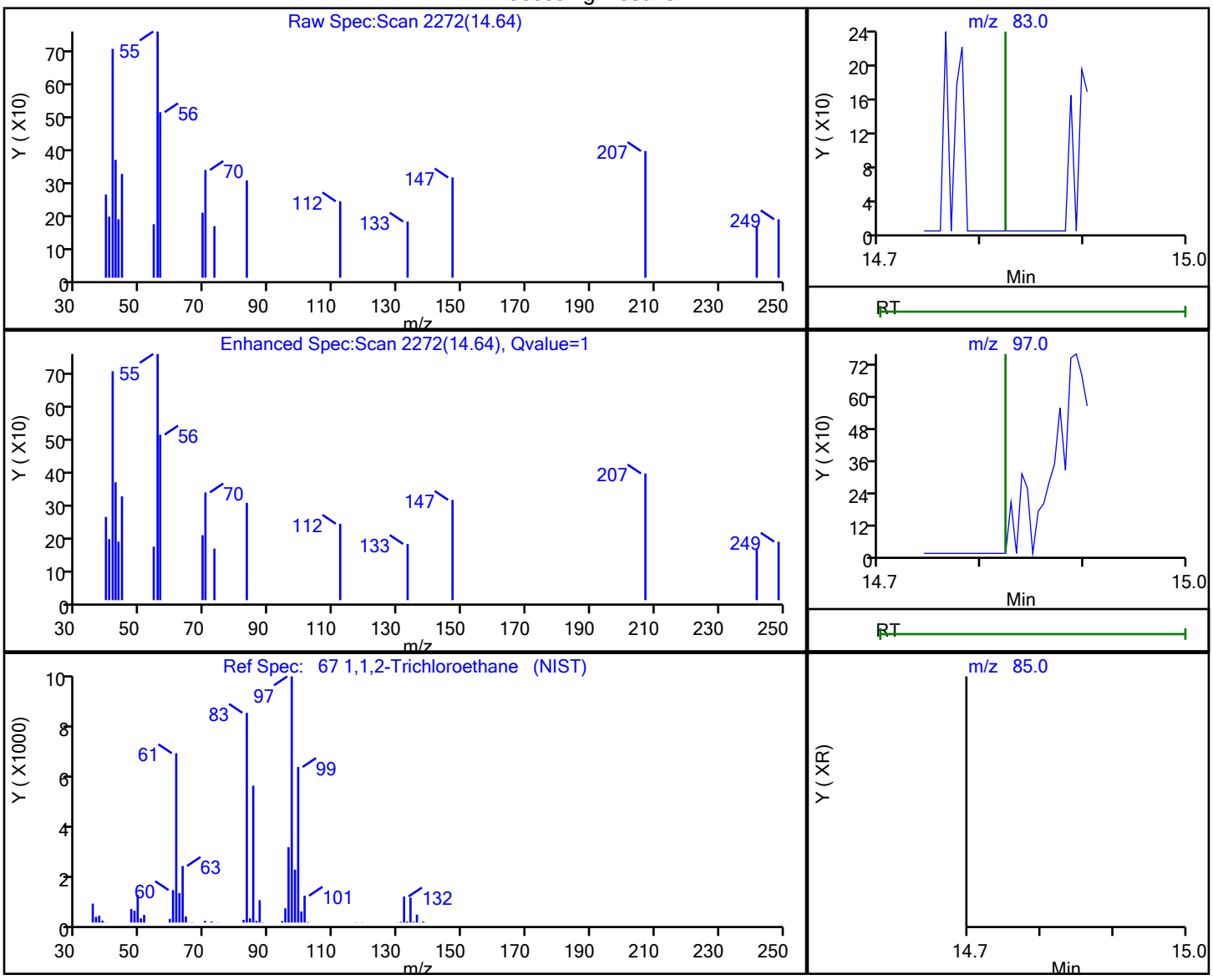
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
14.64	83.00	377	0.026181
14.82	97.00	0	
14.82	85.00	0	

Reviewer: bunmaa, 04-May-2021 08:51:57

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

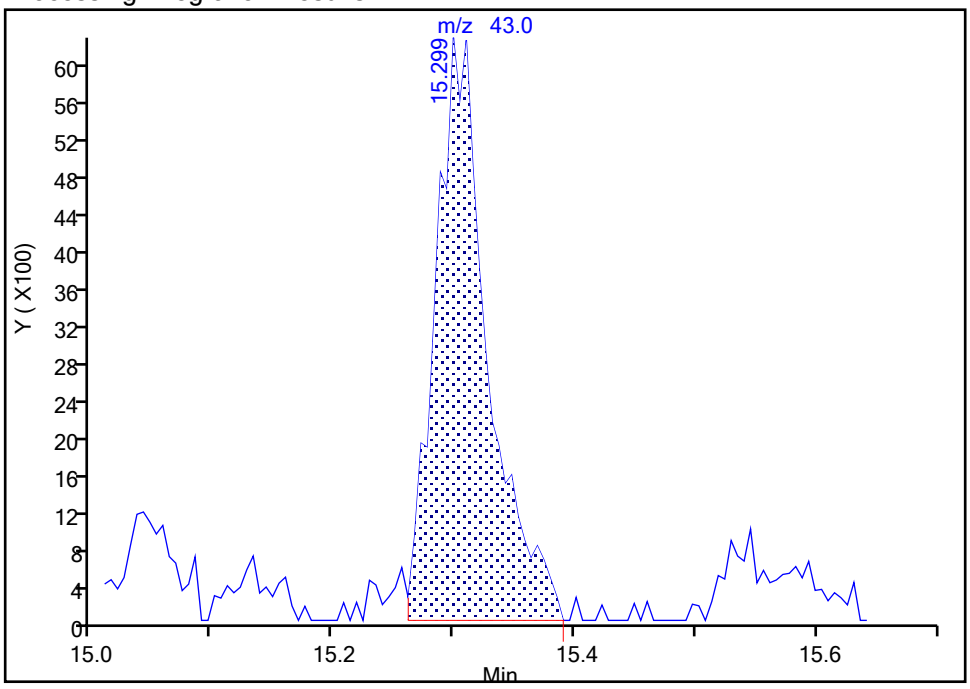
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

69 2-Hexanone, CAS: 591-78-6

Signal: 1

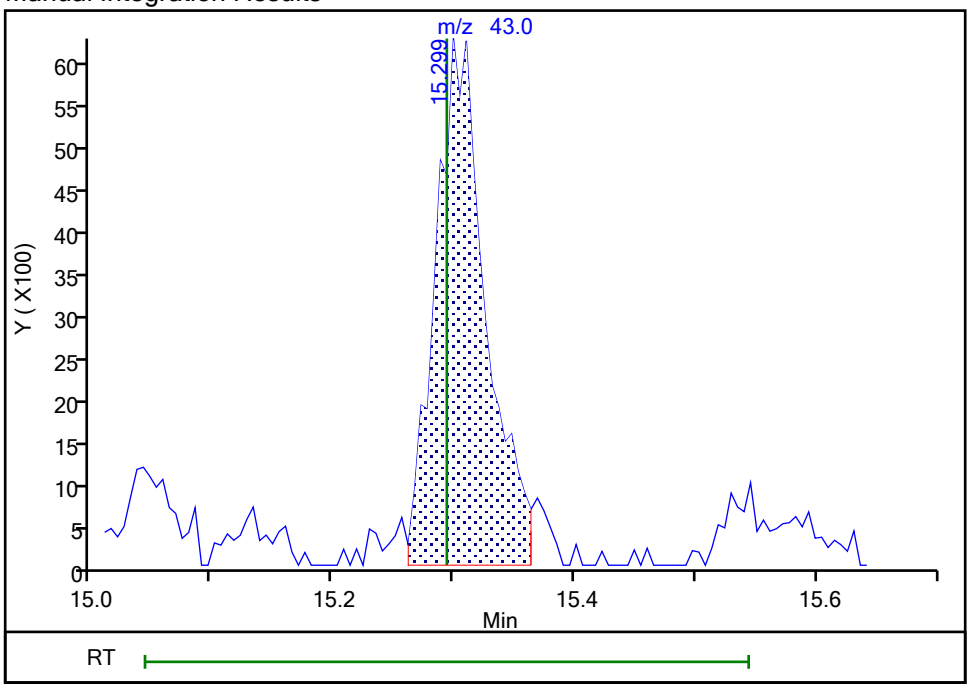
Processing Integration Results

RT: 15.30
Area: 18761
Amount: 0.666613
Amount Units: ppb v/v



Manual Integration Results

RT: 15.30
Area: 18071
Amount: 0.642096
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:52:10

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

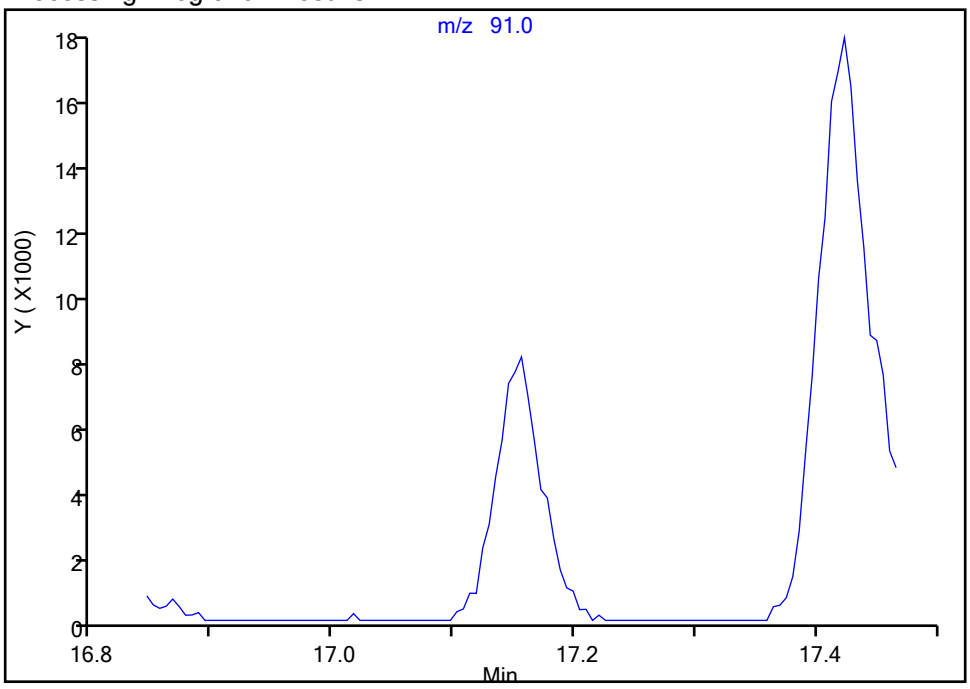
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 Ethylbenzene, CAS: 100-41-4

Signal: 1

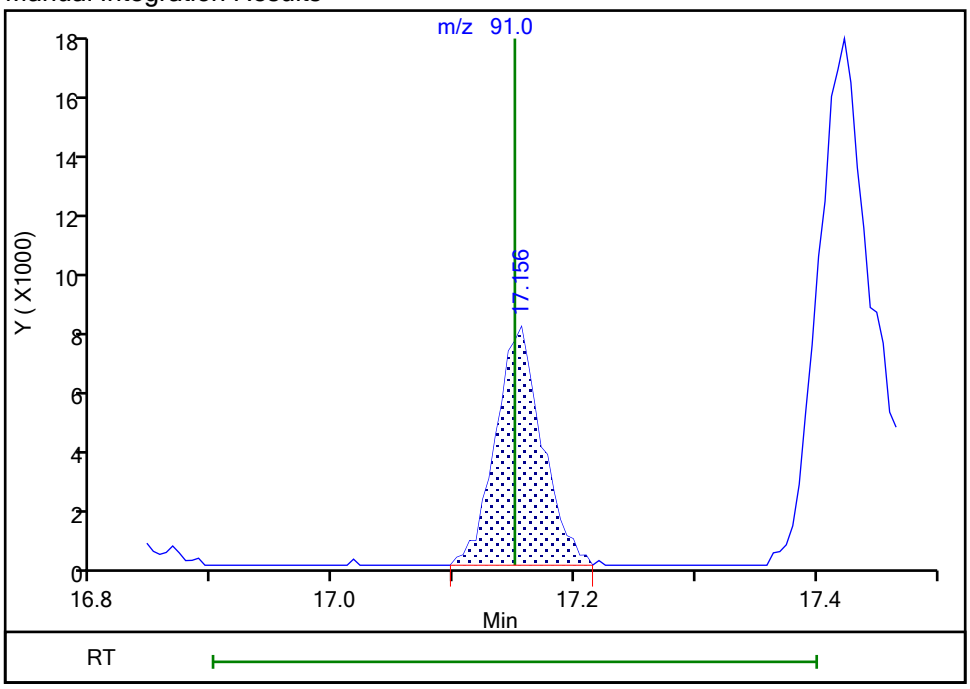
Not Detected
Expected RT: 17.15

Processing Integration Results



Manual Integration Results

RT: 17.16
Area: 21396
Amount: 0.341729
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:52:25
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

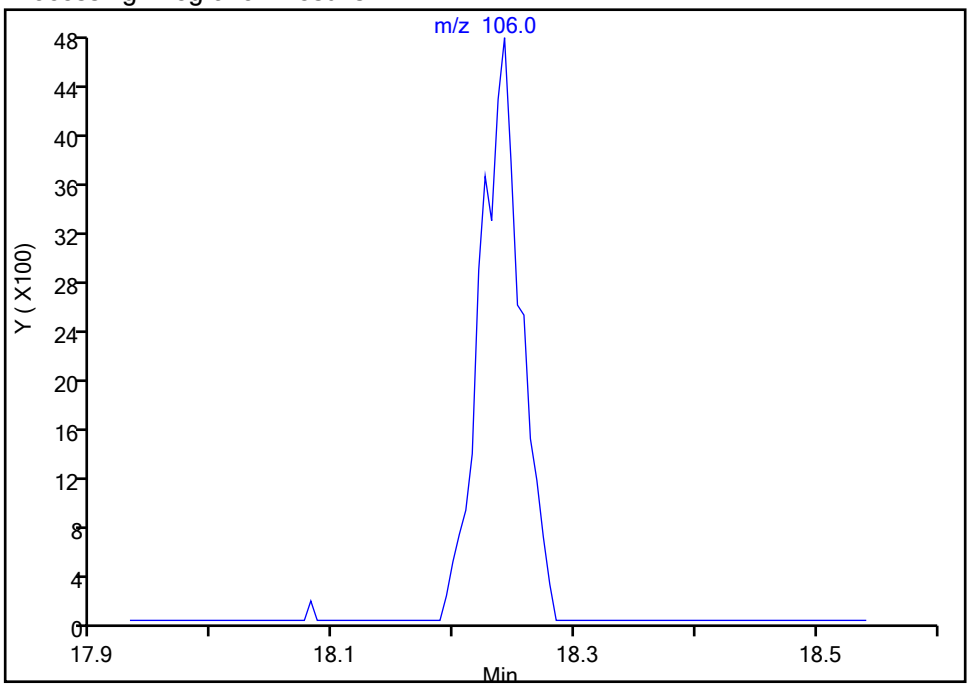
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 o-Xylene, CAS: 95-47-6

Signal: 1

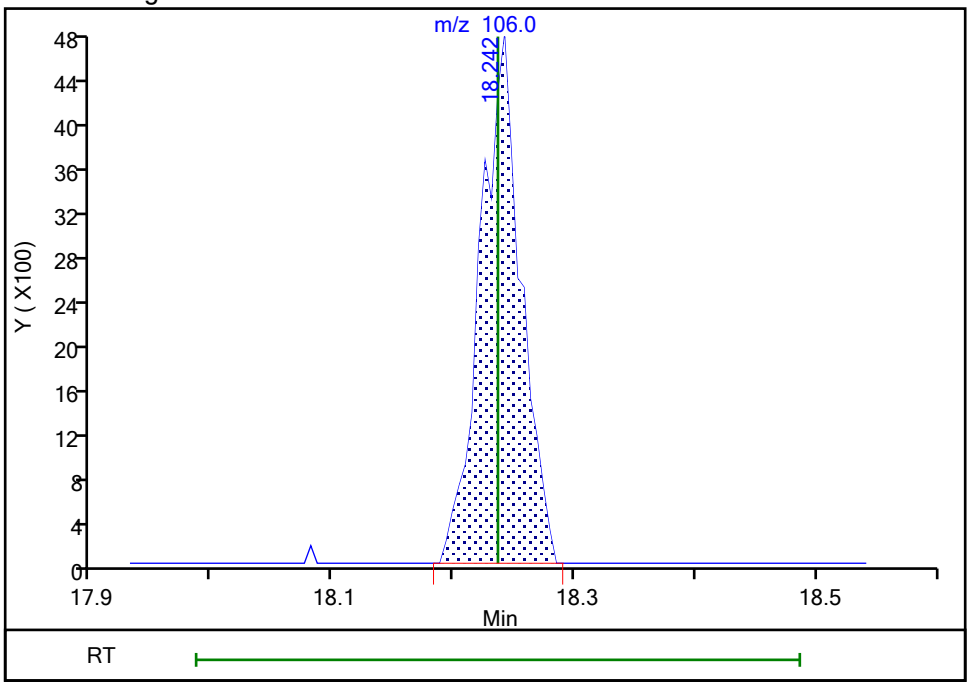
Not Detected
Expected RT: 18.24

Processing Integration Results



Manual Integration Results

RT: 18.24
Area: 11197
Amount: 0.481436
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:52:40
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

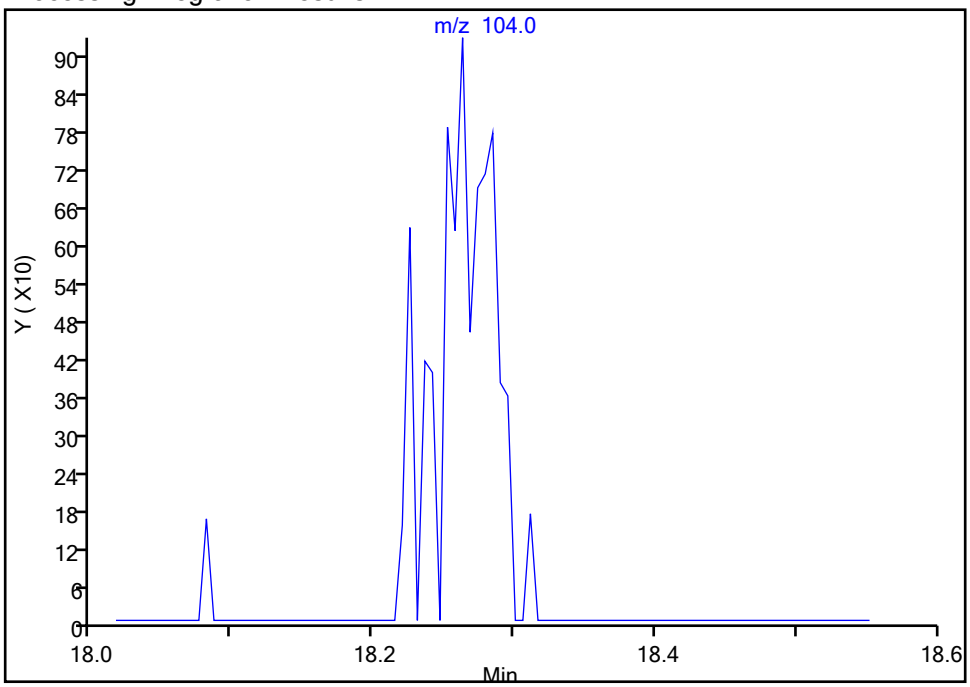
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 Styrene, CAS: 100-42-5

Signal: 1

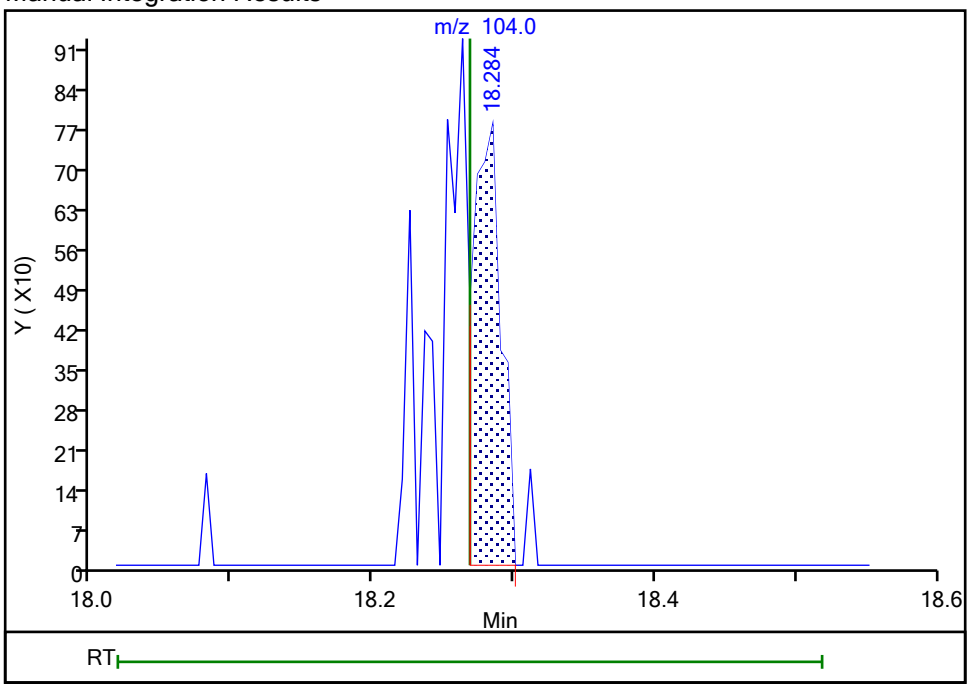
Processing Integration Results

Not Detected
Expected RT: 18.27



Manual Integration Results

RT: 18.28
Area: 1078
Amount: 0.033854
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:53:08
Audit Action: Manually Integrated Audit Reason: Assign Peak

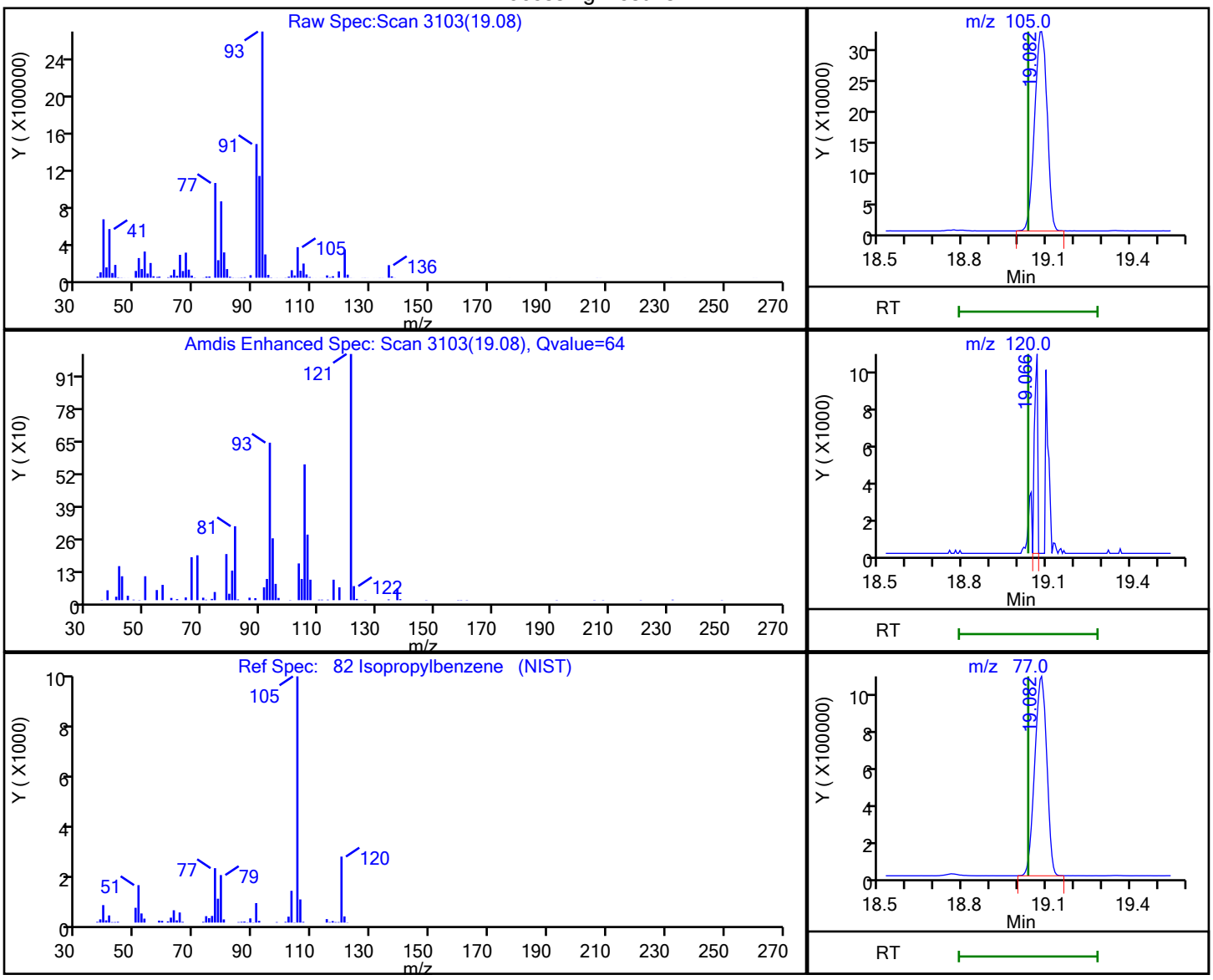
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
19.08	105.00	1018460	15.521236
19.07	120.00	8402	
19.08	77.00	3047609	

Reviewer: bunmaa, 04-May-2021 08:53:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

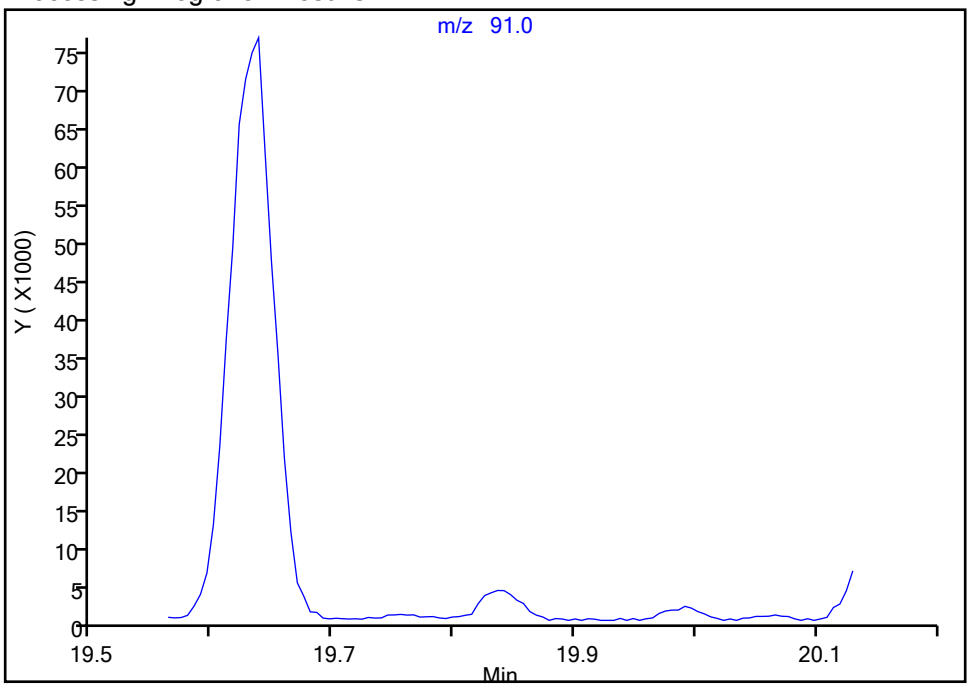
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1

Signal: 1

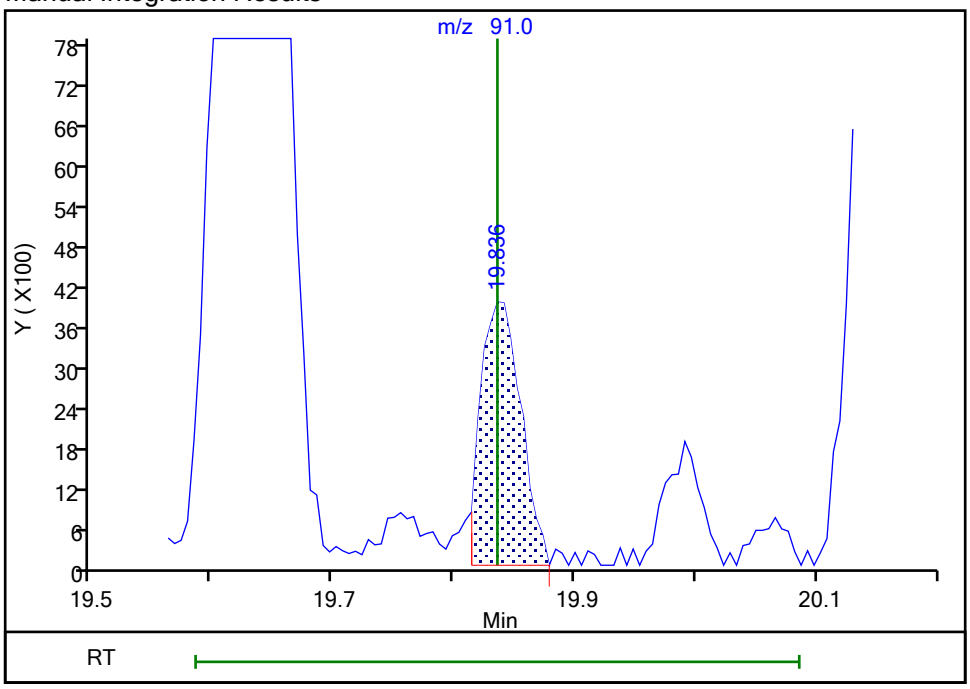
Not Detected
Expected RT: 19.84

Processing Integration Results



Manual Integration Results

RT: 19.84
Area: 9083
Amount: 0.117009
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:54:36
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

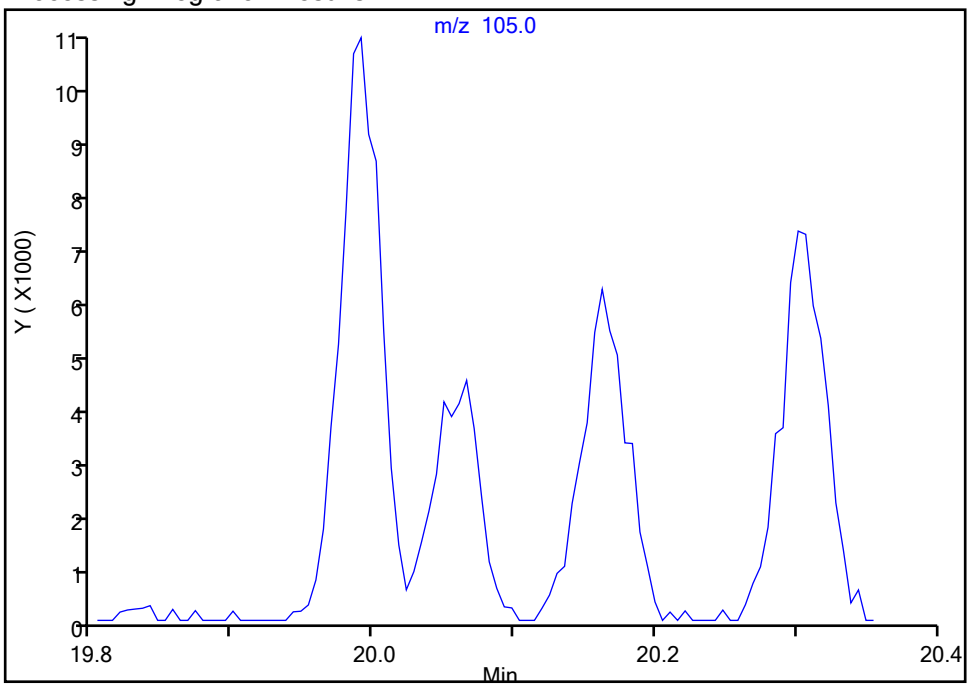
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

88 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

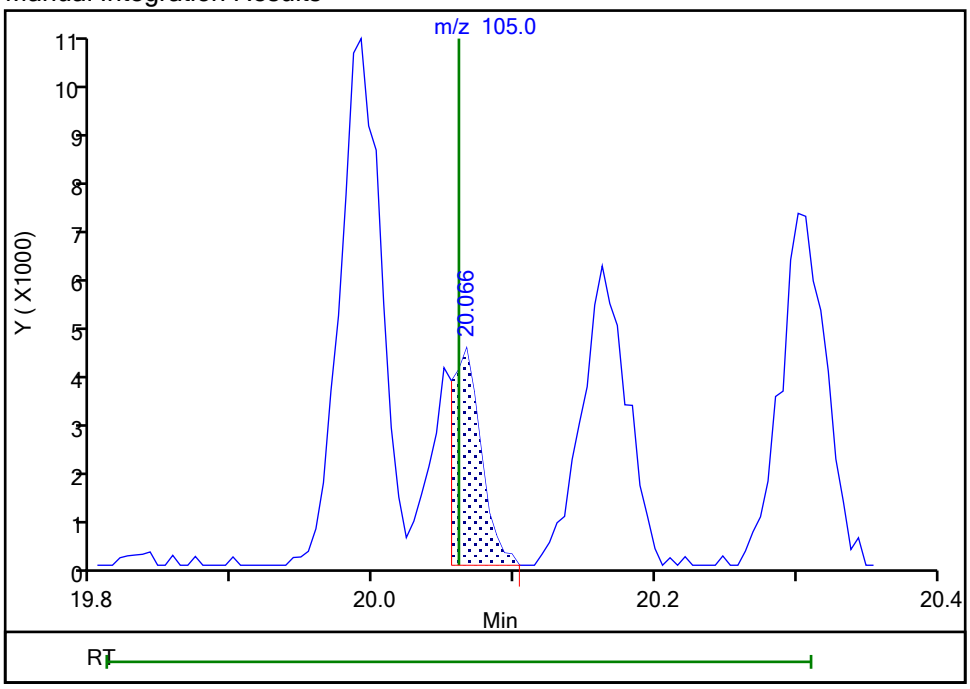
Not Detected
Expected RT: 20.06

Processing Integration Results



Manual Integration Results

RT: 20.07
Area: 6477
Amount: 0.101563
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:55:41
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

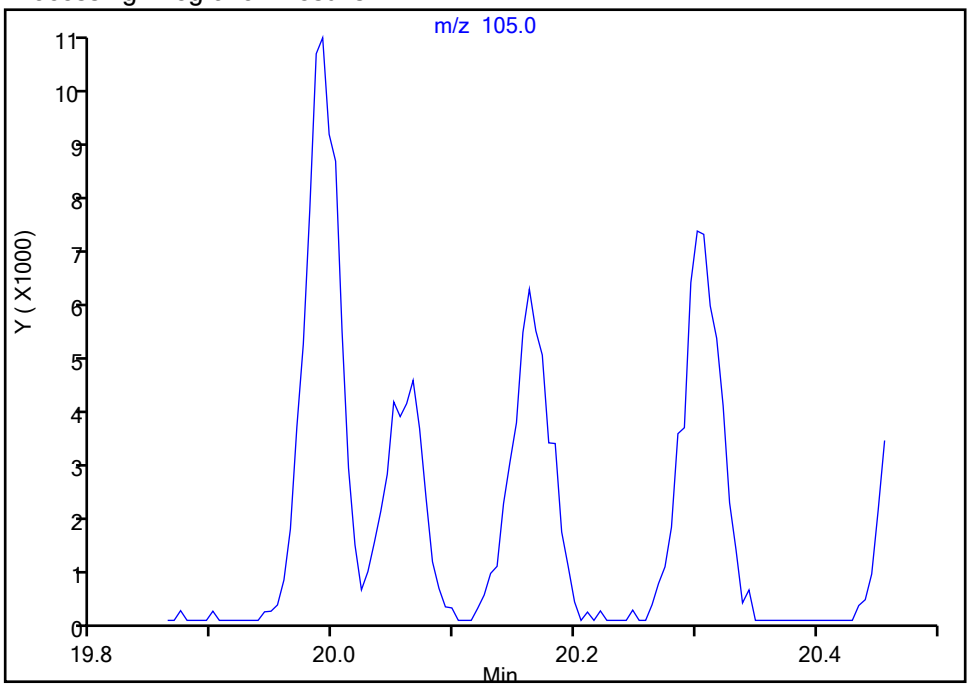
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

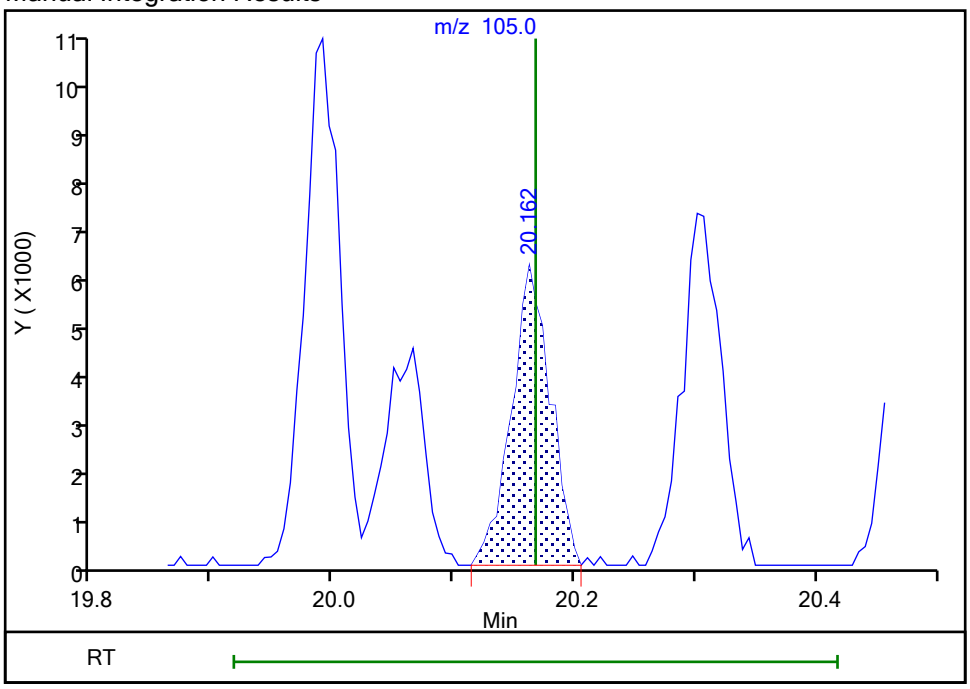
Processing Integration Results

Not Detected
Expected RT: 20.17



Manual Integration Results

RT: 20.16
Area: 13645
Amount: 0.240371
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:55:56
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

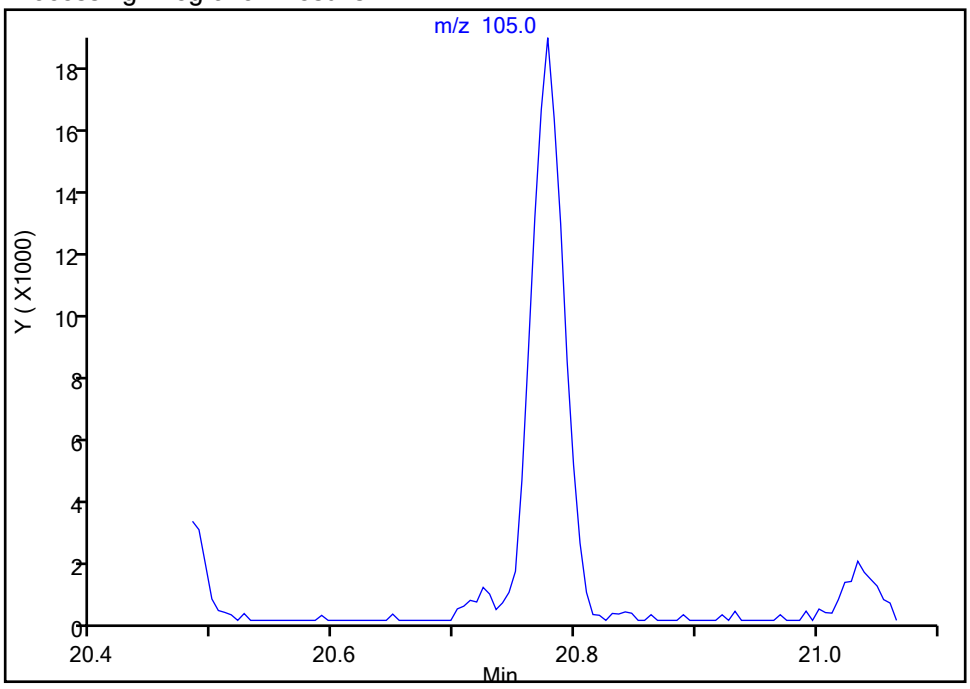
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

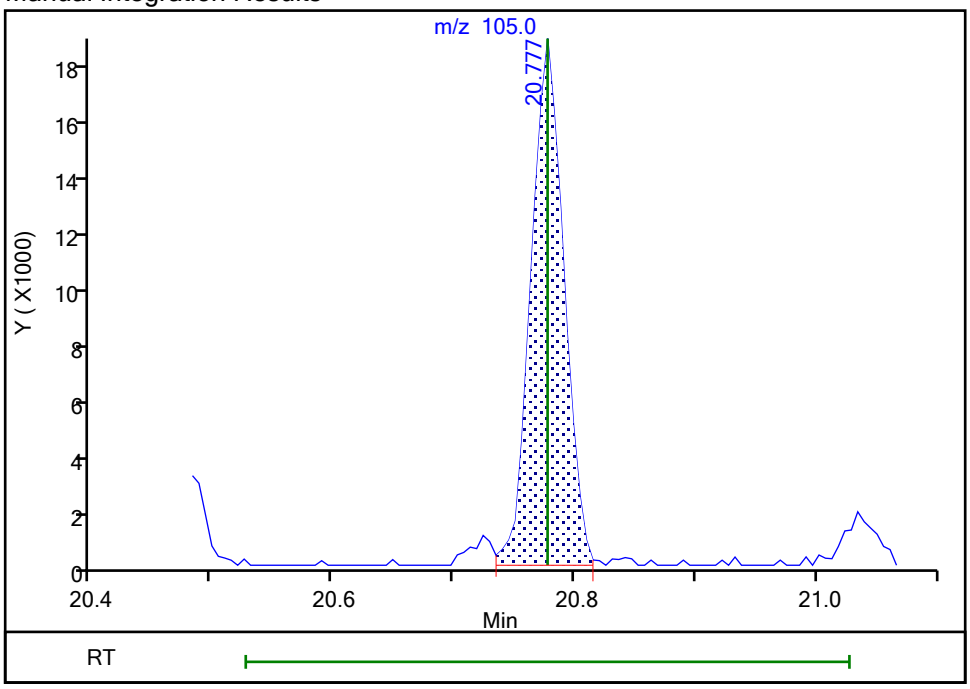
Not Detected
Expected RT: 20.78

Processing Integration Results



Manual Integration Results

RT: 20.78
Area: 34710
Amount: 0.599187
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:56:19
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

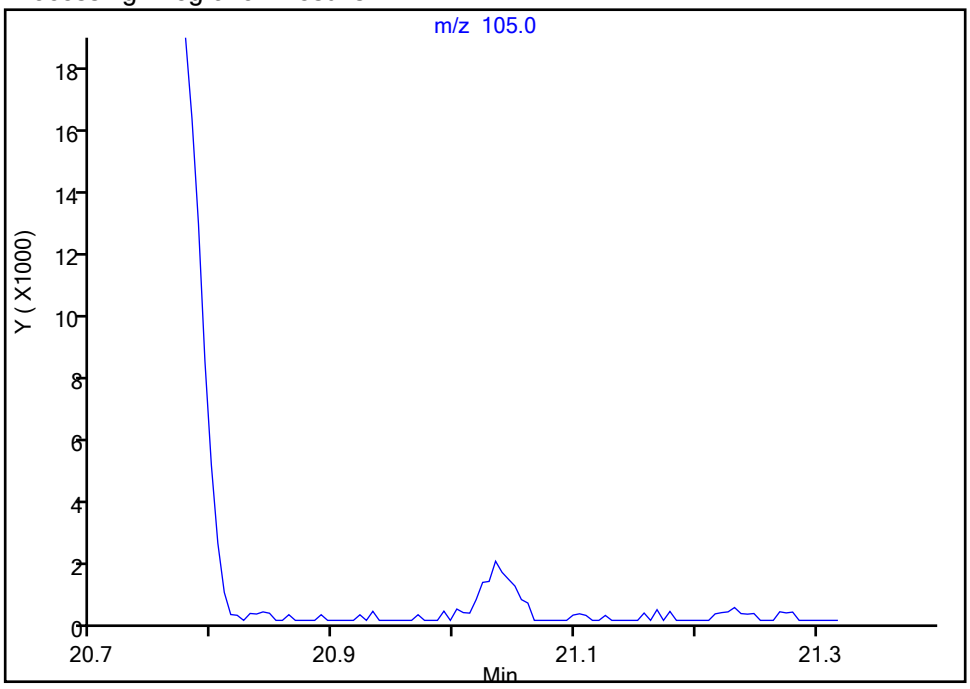
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

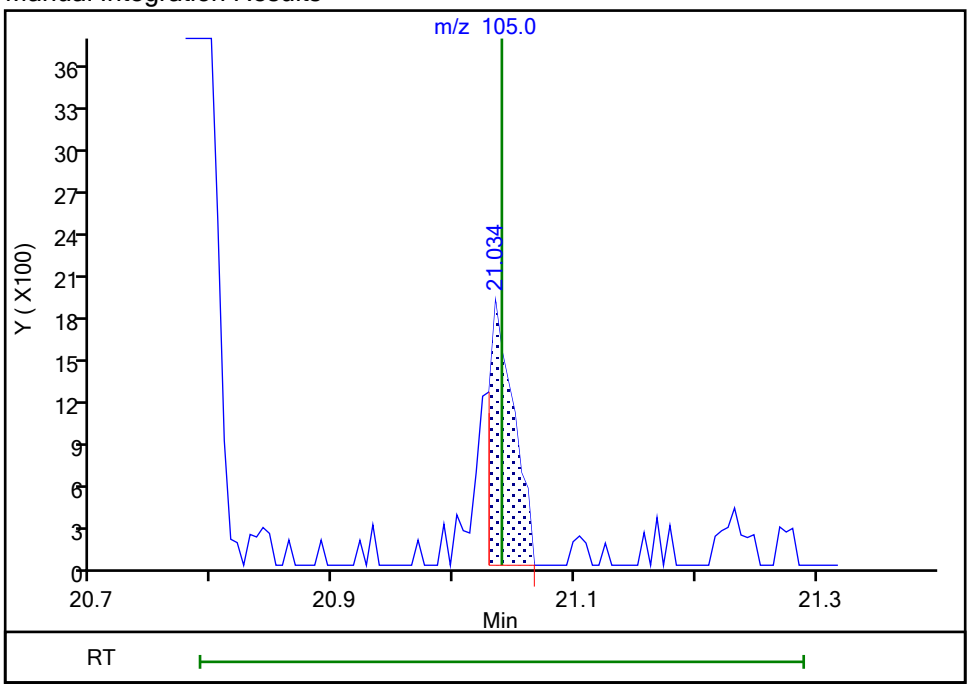
Not Detected
Expected RT: 21.04

Processing Integration Results



Manual Integration Results

RT: 21.03
Area: 2626
Amount: 0.032239
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:56:42
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

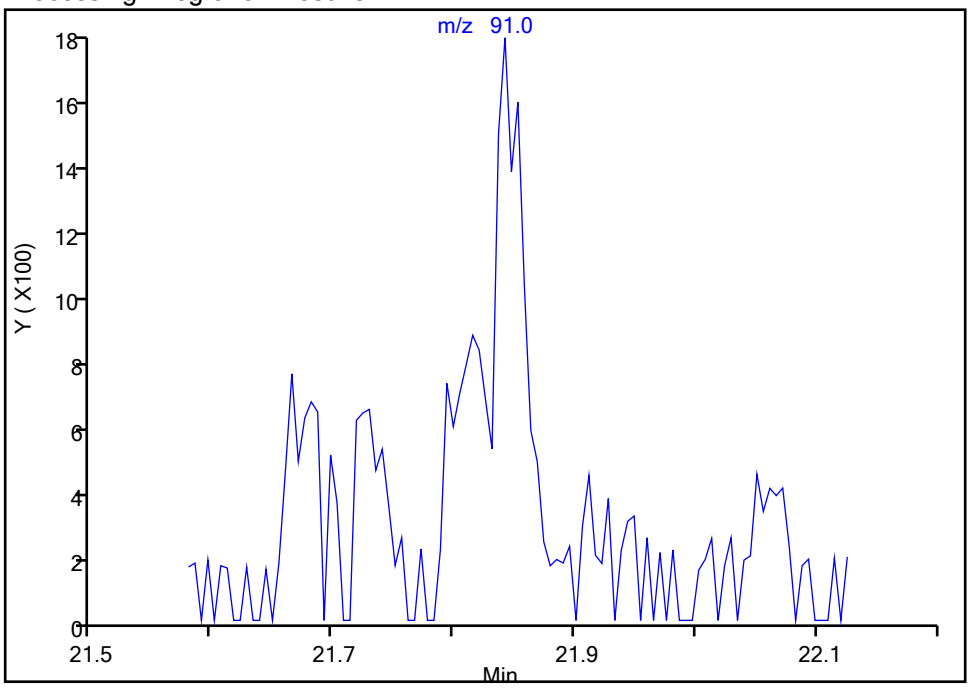
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

100 n-Butylbenzene, CAS: 104-51-8

Signal: 1

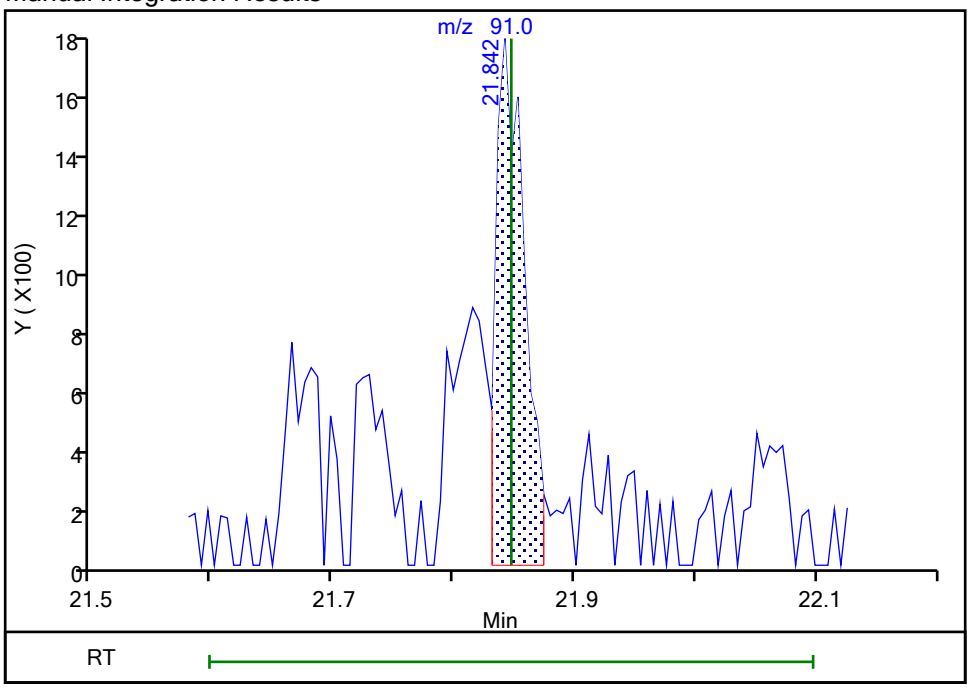
Not Detected
Expected RT: 21.85

Processing Integration Results



Manual Integration Results

RT: 21.84
Area: 2896
Amount: 0.044173
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 08:57:35
Audit Action: Manually Integrated Audit Reason: Assign Peak

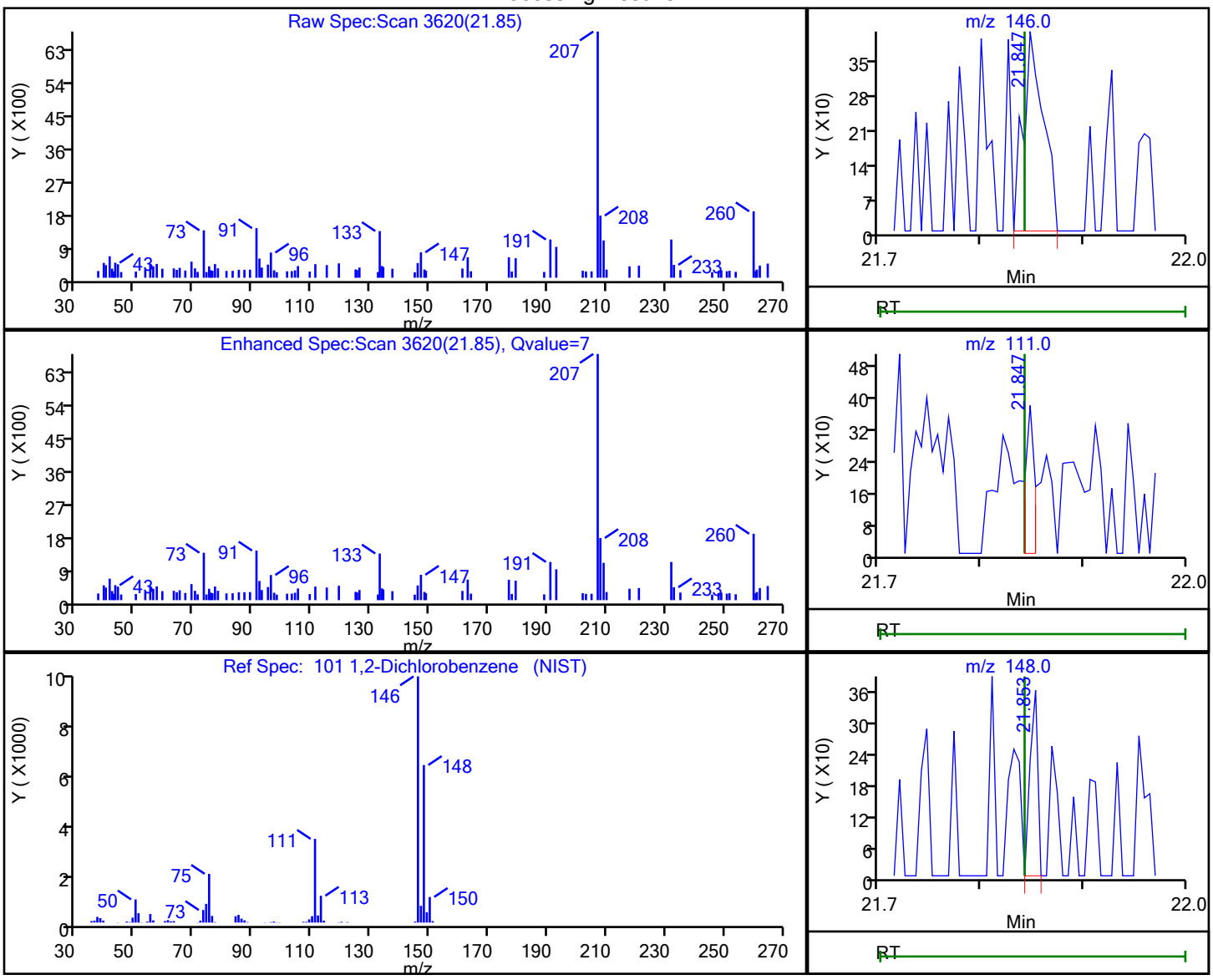
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

101 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
21.85	146.00	553	0.013177
21.85	111.00	232	
21.85	148.00	189	

Reviewer: bunmaa, 04-May-2021 08:57:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

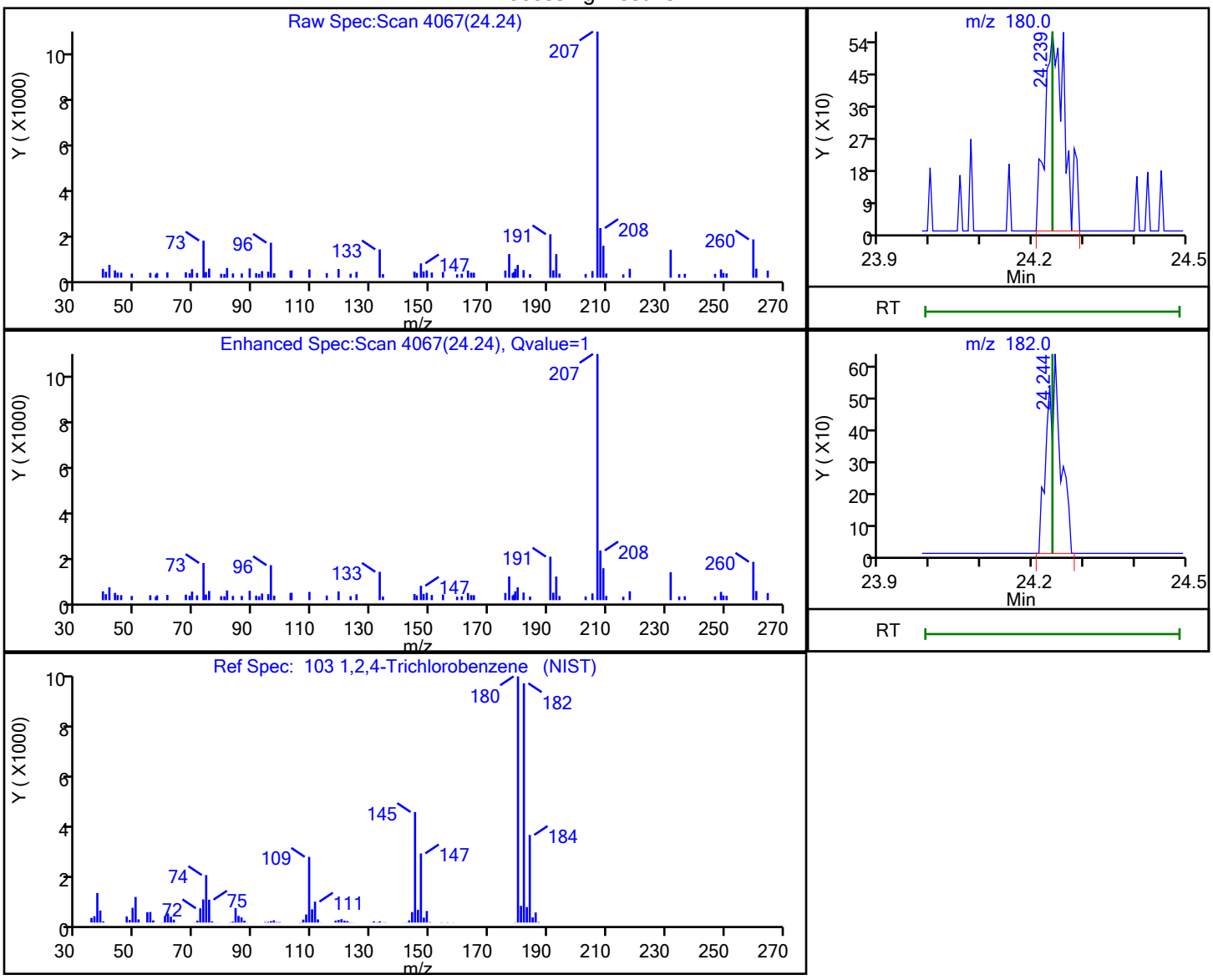
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-009.D				
Injection Date:	03-May-2021 14:39:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-2	Lab Sample ID:	200-58258-2		
Client ID:	SV-01_20210428				
Operator ID:	ggg	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	4.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

103 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
24.24	180.00	1529	0.043024
24.24	182.00	1159	

Reviewer: bunmaa, 04-May-2021 08:57:54

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-02_20210428 Lab Sample ID: 200-58258-3

Matrix: Air Lab File ID: 45779-22.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:45

Sample wt/vol: 200(mL) Date Analyzed: 05/01/2021 02:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.2	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.88	J	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	0.65	J	1.0	0.25
106-97-8	n-Butane	58.12	11		1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	2.3		0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.57	J	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.11
67-64-1	*Acetone*	*58.08*	*570*	*E*	*12*	*4.8*
67-63-0	Isopropyl alcohol	60.10	5.7	J	12	2.4
75-15-0	Carbon disulfide	76.14	1.7		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	6.2	J	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	5.1		0.70	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	*Methyl Ethyl Ketone (2-Butanone)*	*72.11*	*130*	*E*	*1.5*	*0.50*
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	1.1		0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	2.0		0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	8.7		0.93	0.16
71-43-2	Benzene	78.11	1.6		0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-02_20210428 Lab Sample ID: 200-58258-3

Matrix: Air Lab File ID: 45779-22.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:45

Sample wt/vol: 200(mL) Date Analyzed: 05/01/2021 02:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	*n-Heptane*	*100.21*	*500*	*E*	*0.82*	*0.24*
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	3.0		2.0	0.78
108-88-3	Toluene	92.14	7.3		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	0.29	J	1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	89		2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	3.4		0.87	0.43
179601-23-1	m,p-Xylene	106.17	15		2.2	0.74
95-47-6	o-Xylene	106.17	5.4		0.87	0.41
100-42-5	Styrene	104.15	0.49	J	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	1.2		0.98	0.23
622-96-8	4-Ethyltoluene	120.20	1.8		0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0		0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	6.4		0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	9.7		1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-02_20210428 Lab Sample ID: 200-58258-3

Matrix: Air Lab File ID: 45779-22.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:45

Sample wt/vol: 200(mL) Date Analyzed: 05/01/2021 02:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-02_20210428 Lab Sample ID: 200-58258-3

Matrix: Air Lab File ID: 45779-22.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:45

Sample wt/vol: 200(mL) Date Analyzed: 05/01/2021 02:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.45	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.25	J	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.32	J	0.50	0.12
106-97-8	n-Butane	58.12	4.6		0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	1.1		0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.23		0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.074	J	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.029
67-64-1	*Acetone*	*58.08*	*240*	*E*	*5.0*	*2.0*
67-63-0	Isopropyl alcohol	60.10	2.3	J	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.54		0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	2.0	J	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.088
110-54-3	n-Hexane	86.17	1.4		0.20	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	*Methyl Ethyl Ketone (2-Butanone)*	*72.11*	*43*	*E*	*0.50*	*0.17*
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.22		0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.58		0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	1.9		0.20	0.035
71-43-2	Benzene	78.11	0.51		0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-02_20210428 Lab Sample ID: 200-58258-3

Matrix: Air Lab File ID: 45779-22.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:45

Sample wt/vol: 200(mL) Date Analyzed: 05/01/2021 02:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	*n-Heptane*	*100.21*	*120*	*E*	*0.20*	*0.059*
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.72		0.50	0.19
108-88-3	Toluene	92.14	1.9		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.042	J	0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	22		0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.78		0.20	0.10
179601-23-1	m,p-Xylene	106.17	3.5		0.50	0.17
95-47-6	o-Xylene	106.17	1.2		0.20	0.094
100-42-5	Styrene	104.15	0.11	J	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.24		0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.36		0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.41		0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	1.3		0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	1.8		0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-02_20210428 Lab Sample ID: 200-58258-3

Matrix: Air Lab File ID: 45779-22.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:45

Sample wt/vol: 200(mL) Date Analyzed: 05/01/2021 02:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D
Lims ID: 200-58258-A-3
Client ID: SV-02_20210428
Sample Type: Client
Inject. Date: 01-May-2021 02:16:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045779-022
Misc. Info.: 58258-3
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 03-May-2021 11:53:11 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: bunmaa Date: 03-May-2021 11:53:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.445	4.434	0.016	99	10712	0.4536	
3 Chlorodifluoromethane	51	4.493	4.472	0.021	96	3592	0.2502	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.787				ND	
5 Chloromethane	50	4.926	4.910	0.016	95	2661	0.3169	
6 Butane	43	5.242	5.226	0.016	89	54443	4.56	
7 Vinyl chloride	62		5.226				ND	
8 Butadiene	54	5.354	5.338	0.016	93	6783	1.06	
10 Bromomethane	94		6.055				ND	
11 Chloroethane	64		6.323				ND	
13 Vinyl bromide	106		6.740				ND	
14 Trichlorofluoromethane	101	6.916	6.900	0.016	95	4346	0.2265	
21 1,1-Dichloroethene	96		7.960				ND	
20 112TCTFE	101	7.997	7.992	0.005	86	1169	0.0744	
22 Acetone	43	8.024	8.009	0.011	97	2525292	239.7	E
24 Isopropyl alcohol	45	8.297	8.286	0.011	100	27932	2.31	
23 Carbon disulfide	76	8.388	8.373	0.011	98	11366	0.5409	
25 3-Chloro-1-propene	41		8.655				ND	
27 Methylene Chloride	49	8.901	8.890	0.010	81	1081	0.1597	
28 2-Methyl-2-propanol	59	9.062	9.041	0.016	93	26510	2.03	
29 Methyl tert-butyl ether	73		9.367				ND	
31 trans-1,2-Dichloroethene	61		9.388				ND	
33 Hexane	57	9.891	9.880	0.011	92	14572	1.44	
34 1,1-Dichloroethane	63		10.153				ND	
38 2-Butanone (MEK)	72	11.105	11.094	0.010	99	158328	43.0	E
37 cis-1,2-Dichloroethene	96		11.143				ND	
* 40 Chlorobromomethane	128	11.571	11.565	0.006	82	63025	10.0	
41 Tetrahydrofuran	42	11.592	11.592	0.011	1	787	0.1165	M
42 Chloroform	83	11.742	11.736	0.005	94	3284	0.2168	
44 1,1,1-Trichloroethane	97		12.036				ND	
43 Cyclohexane	84	12.181	12.186	0.000	78	5992	0.5790	
45 Carbon tetrachloride	117	12.325	12.325	0.011	15	270	0.0163	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
47 Benzene	78	12.667	12.662	0.005	95	12032	0.5068	
48 1,2-Dichloroethane	62		12.748				ND	
46 Isooctane	57	12.871	12.865	0.006	97	63086	1.87	
49 n-Heptane	43	13.181	13.170	0.011	89	1357817	122.2	E
* 50 1,4-Difluorobenzene	114	13.406	13.400	0.006	93	319672	10.0	
53 Trichloroethene	95		13.828				ND	
54 1,2-Dichloropropane	63		14.294				ND	
55 Methyl methacrylate	69		14.358				ND	MU
56 1,4-Dioxane	88		14.401				ND	7
58 Dichlorobromomethane	83		14.759				ND	
60 cis-1,3-Dichloropropene	75		15.556				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.792	15.792	0.000	94	10214	0.7226	M
65 Toluene	92	16.193	16.193	0.000	93	31343	1.94	
66 trans-1,3-Dichloropropene	75		16.610				ND	
67 1,1,2-Trichloroethane	83		16.990				ND	U
68 Tetrachloroethene	166	17.183	17.182	-0.001	67	648	0.0425	
69 2-Hexanone	43	17.370	17.370	0.000	96	244512	21.7	
71 Chlorodibromomethane	129		17.734				ND	
72 Ethylene Dibromide	107		17.980				ND	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	85	236741	10.0	
75 Chlorobenzene	112		18.937				ND	
76 Ethylbenzene	91	19.124	19.119	0.005	97	24909	0.7828	
78 m-Xylene & p-Xylene	106	19.365	19.386	-0.016	0	44303	3.49	
79 o-Xylene	106	20.157	20.152	0.005	98	14482	1.25	
80 Styrene	104	20.189	20.194	-0.005	70	1890	0.1139	
81 Bromoform	173		20.548				ND	
82 Isopropylbenzene	105		20.836				ND	U
84 1,1,2,2-Tetrachloroethane	83		21.355				ND	U
85 N-Propylbenzene	91	21.548	21.553	0.000	99	8196	0.2396	
89 2-Chlorotoluene	91		21.698				ND	U
88 4-Ethyltoluene	105	21.746	21.746	0.005	97	10136	0.3565	
90 1,3,5-Trimethylbenzene	105	21.837	21.837	0.000	93	10644	0.4090	
92 tert-Butylbenzene	119		22.313				ND	
93 1,2,4-Trimethylbenzene	105	22.398	22.398	-0.001	97	30296	1.29	
94 sec-Butylbenzene	105	22.639	22.639	0.005	1	1038	0.0258	M
96 1,3-Dichlorobenzene	146		22.816				ND	
95 4-Isopropyltoluene	119	22.848	22.848	0.000	97	55127	1.77	
97 1,4-Dichlorobenzene	146		22.955				ND	
98 Benzyl chloride	91		23.099				ND	U
100 n-Butylbenzene	91	23.404	23.404	0.000	94	1109	0.0518	M
101 1,2-Dichlorobenzene	146		23.447				ND	
103 1,2,4-Trichlorobenzene	180		25.903				ND	
104 Hexachlorobutadiene	225		26.138				ND	
105 Naphthalene	128		26.384				ND	U

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

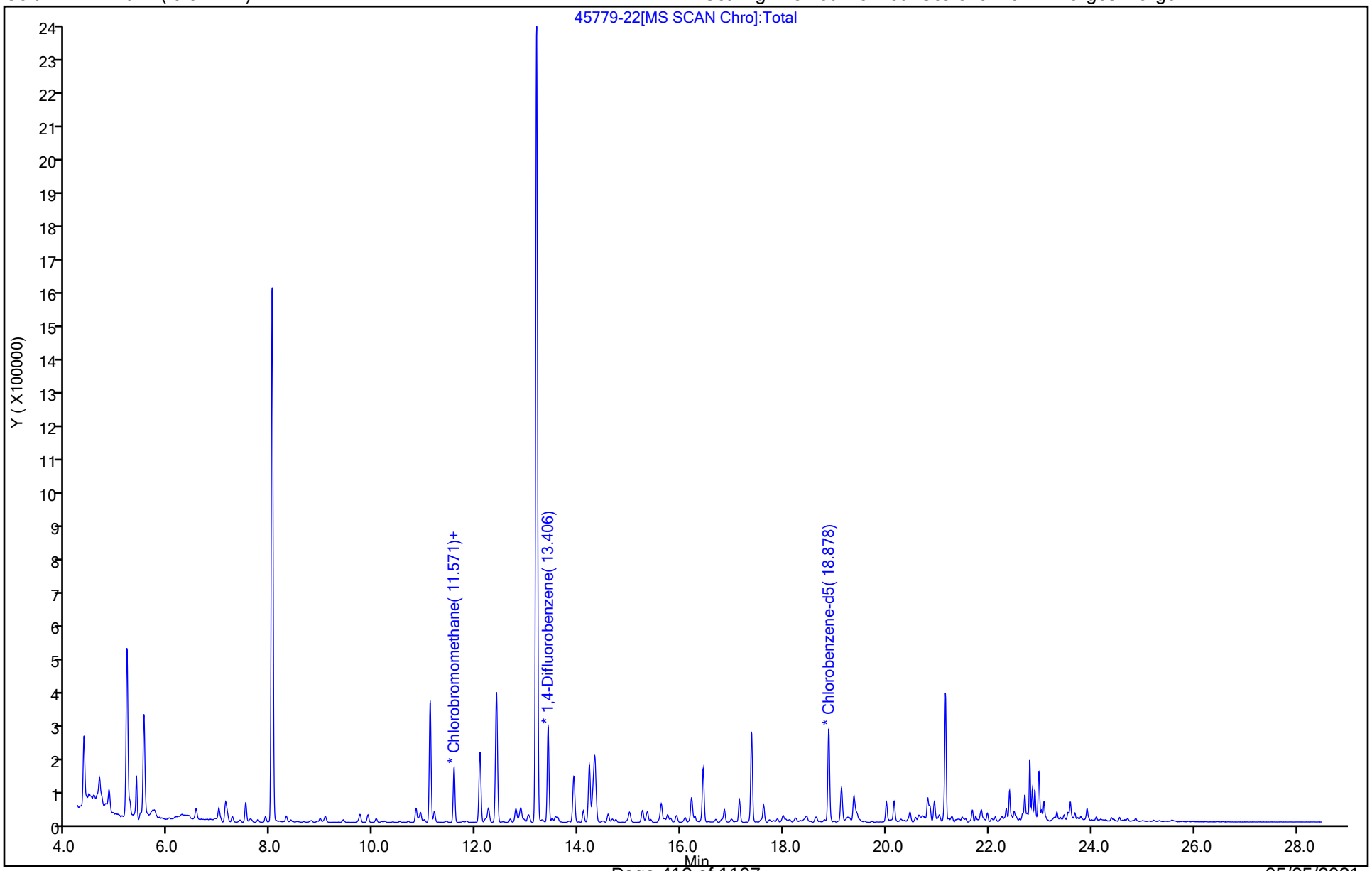
ATTO15XISs_00002 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 03-May-2021 11:53:12 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3	Worklist Smp#:	22
Client ID:	SV-02_20210428				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

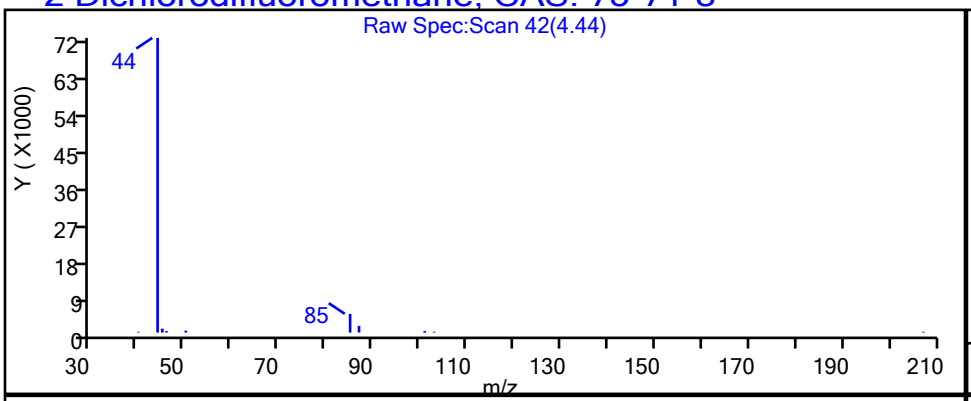


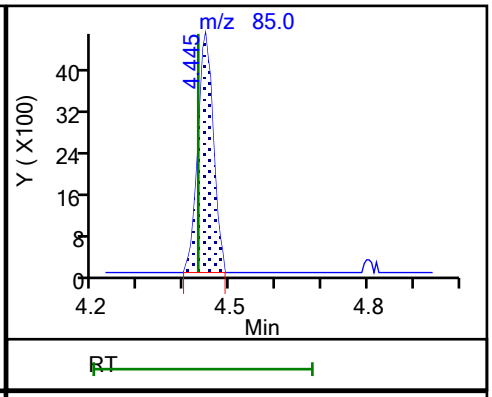
Report Date: 03-May-2021 11:53:12 Chrom Revision: 2.3 08-Apr-2021 17:17:48

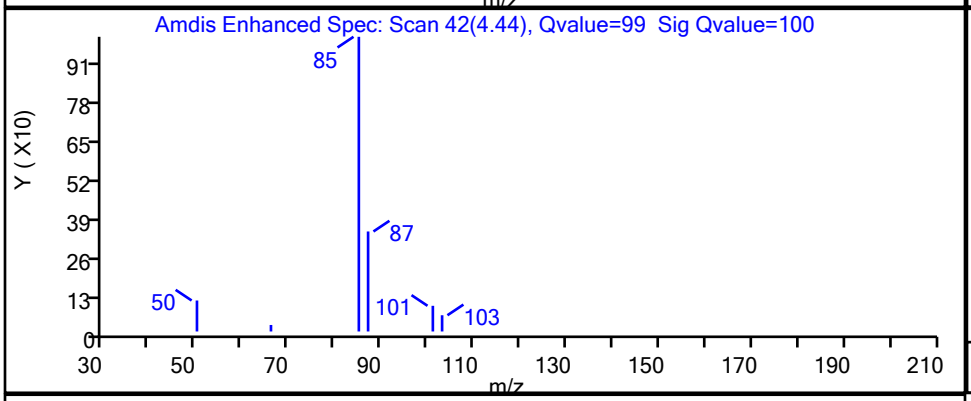
Eurofins TestAmerica, Burlington

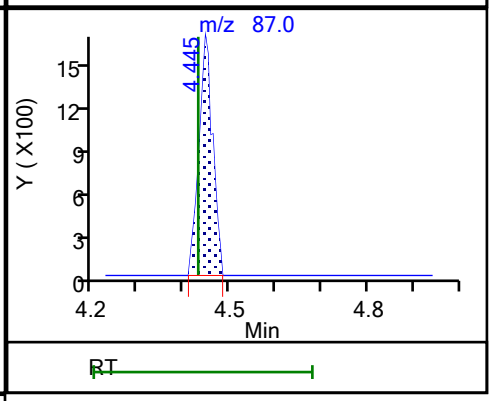
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

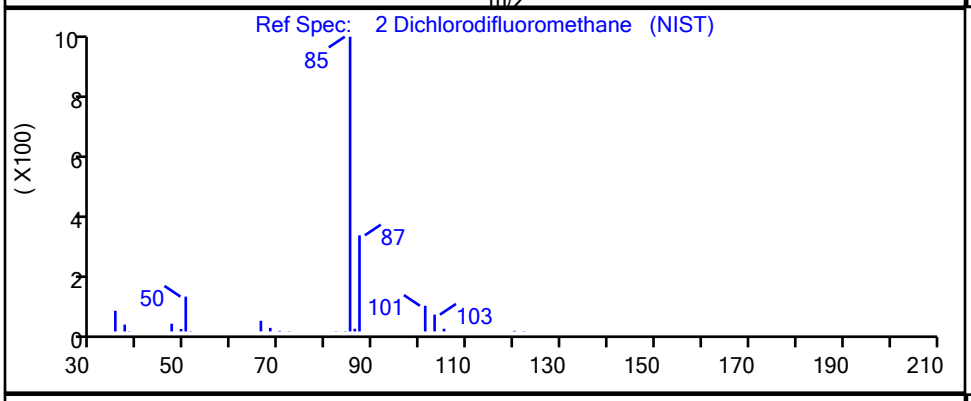
2 Dichlorodifluoromethane, CAS: 75-71-8

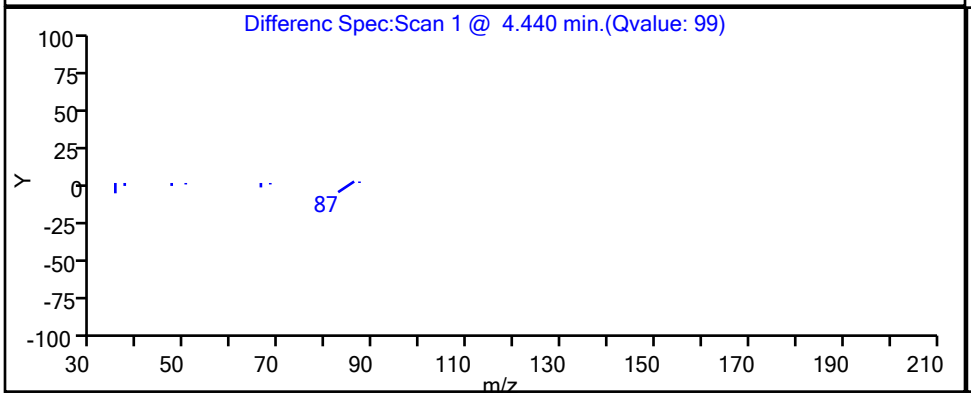


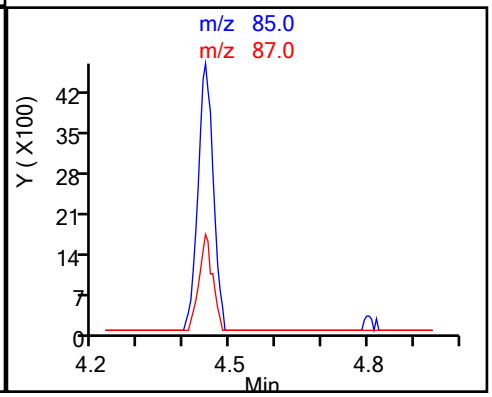








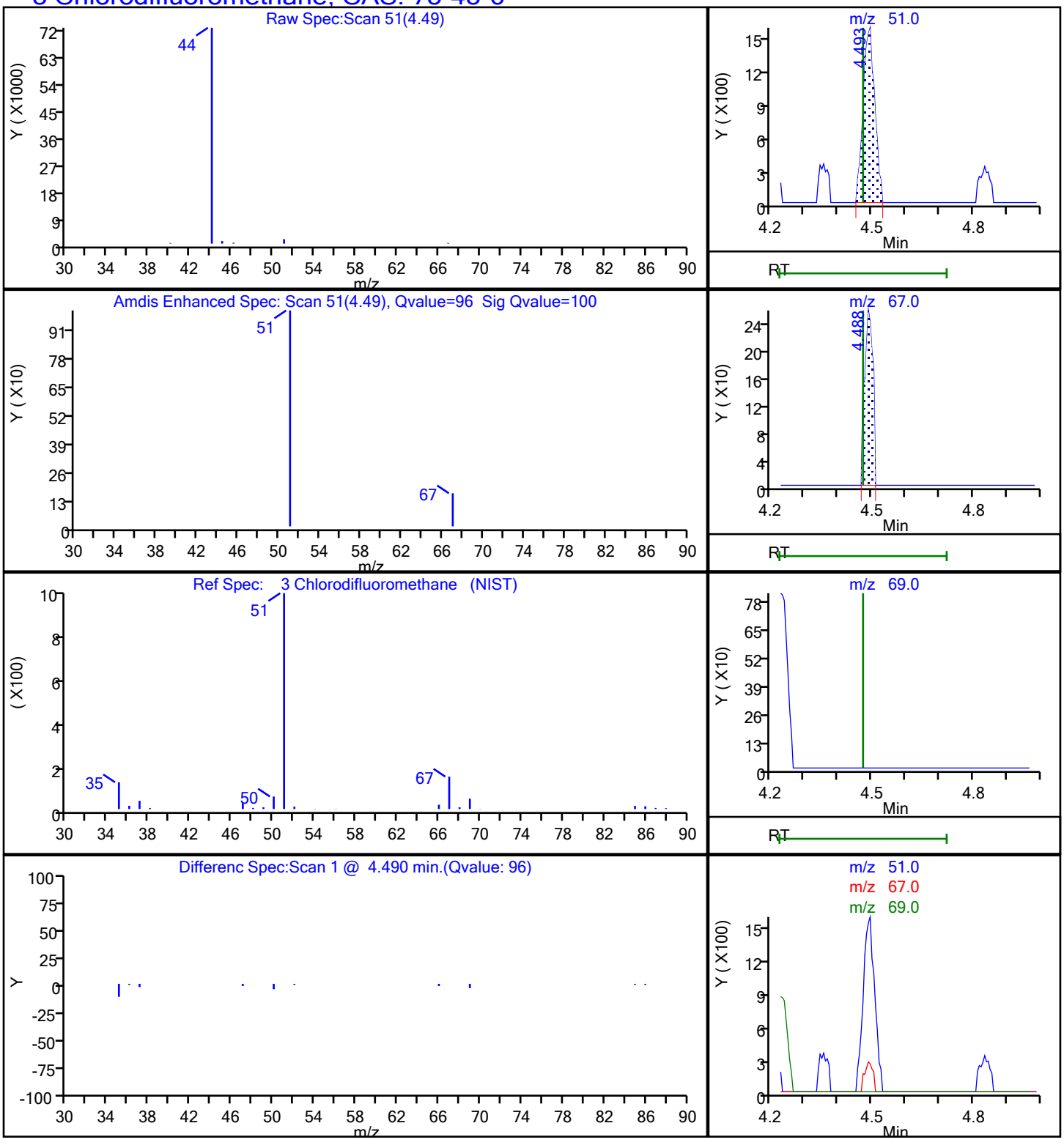




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



Report Date: 03-May-2021 11:53:12 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

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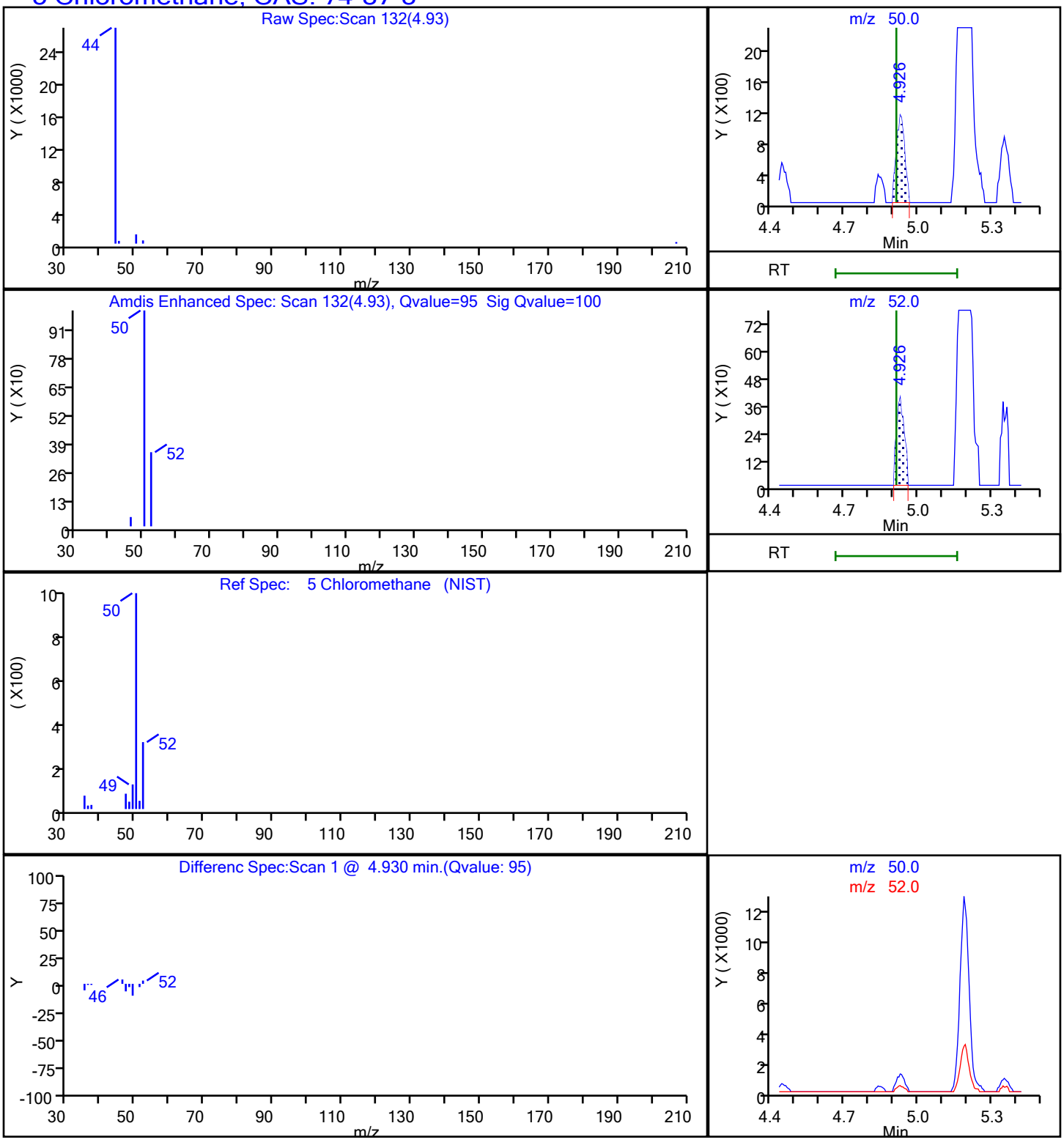
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3



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Eurofins TestAmerica, Burlington

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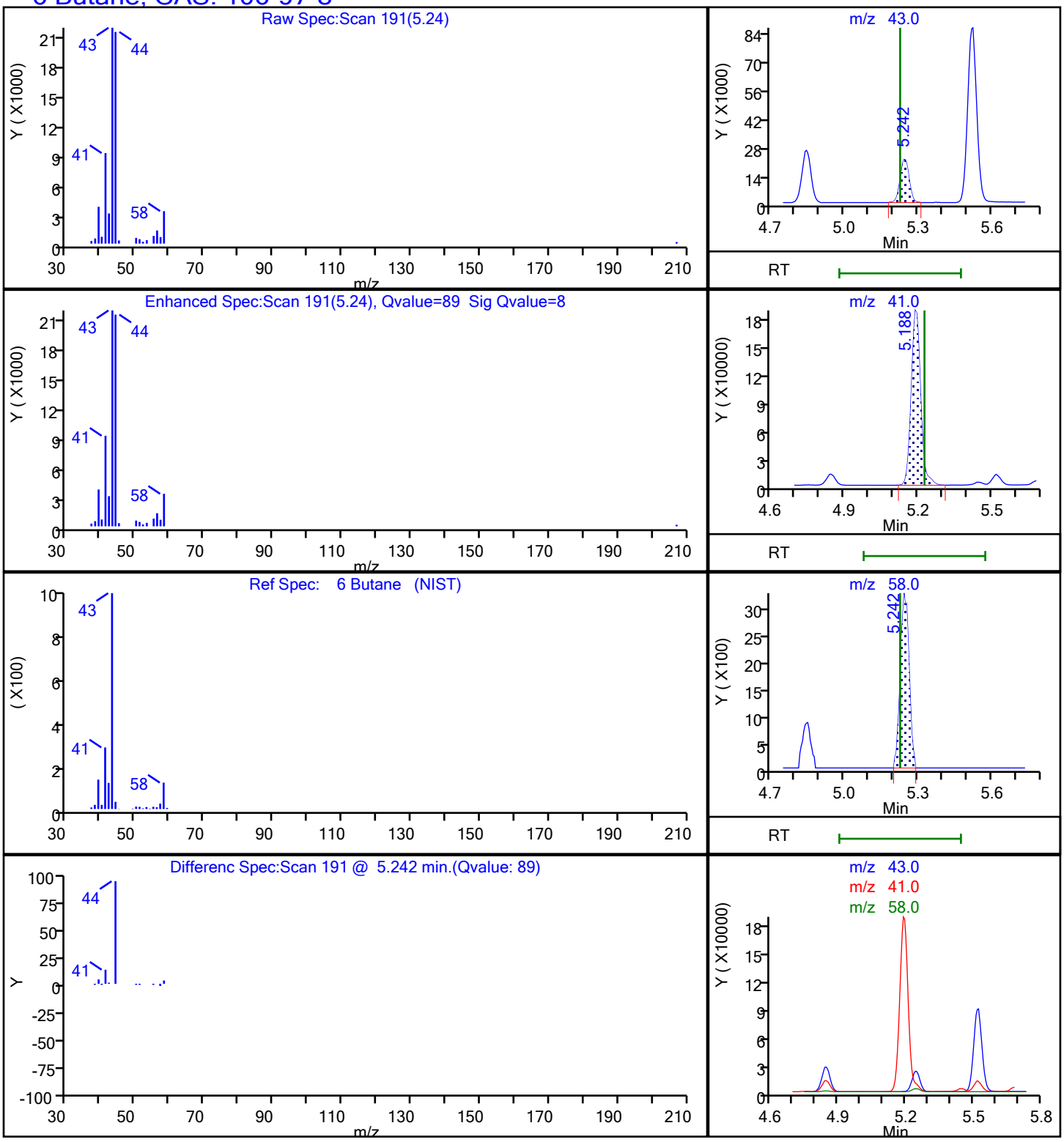
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Butane, CAS: 106-97-8



Report Date: 03-May-2021 11:53:12 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

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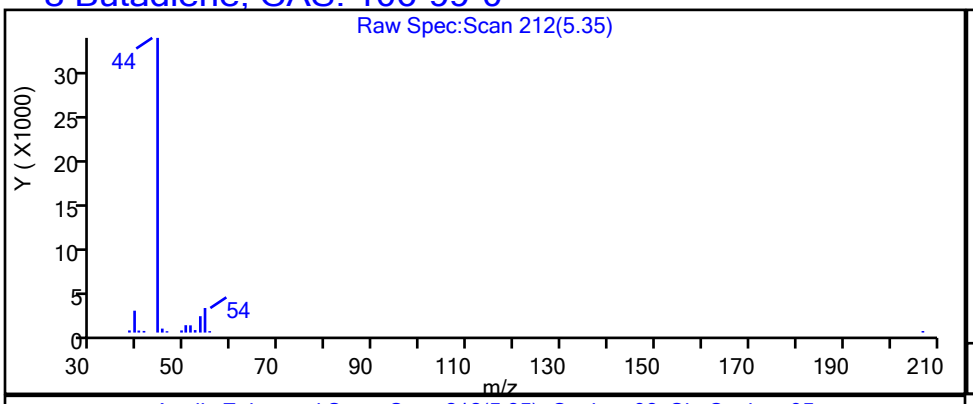
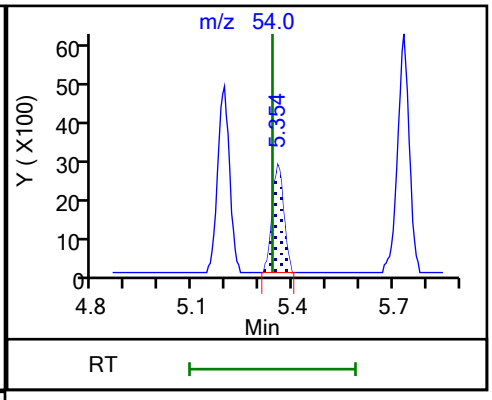
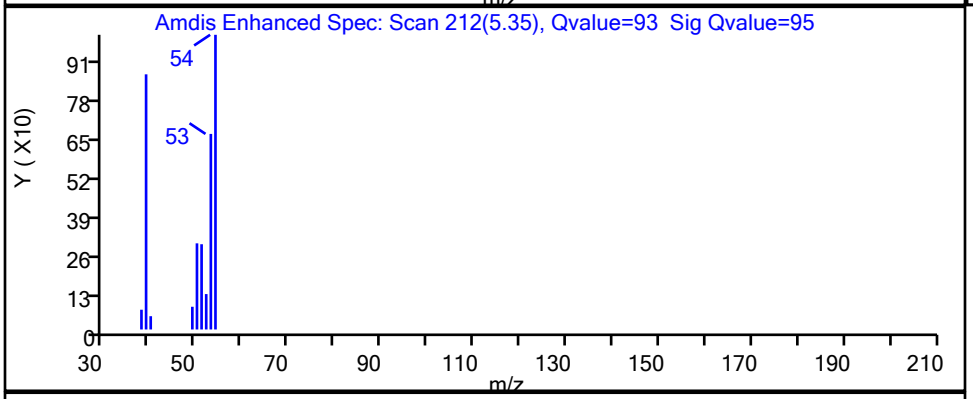
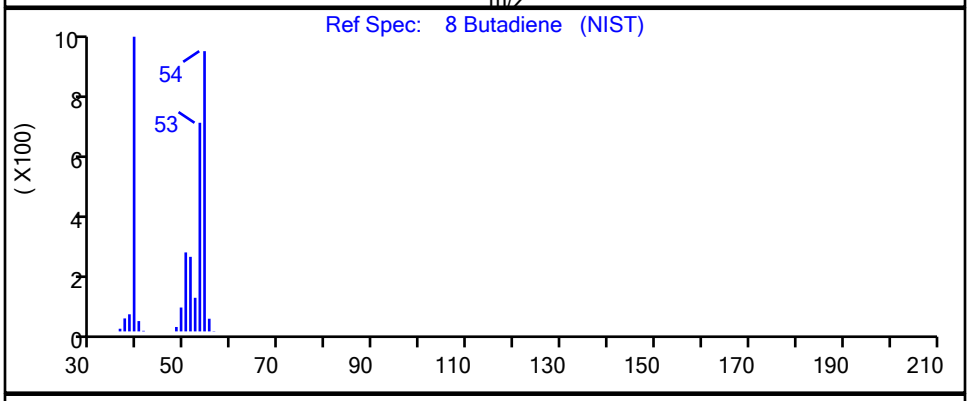
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

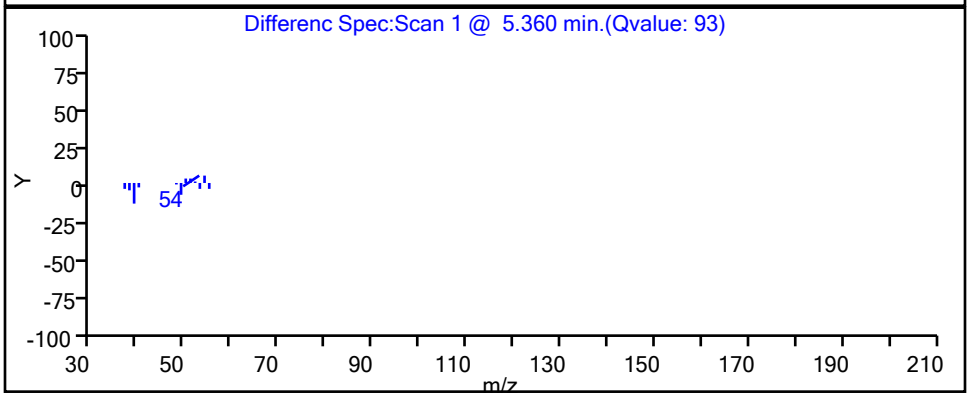
8 Butadiene, CAS: 106-99-0







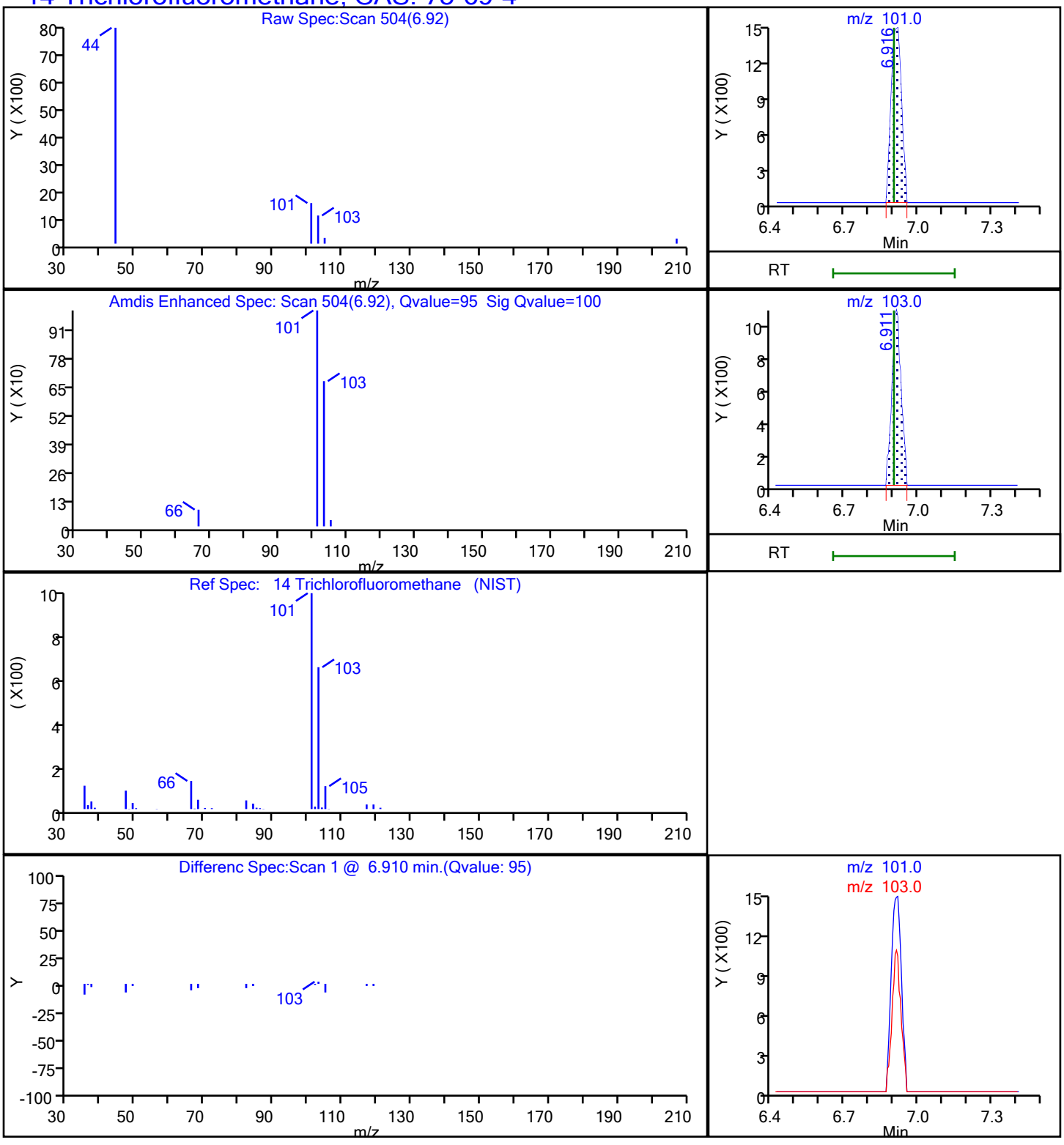




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

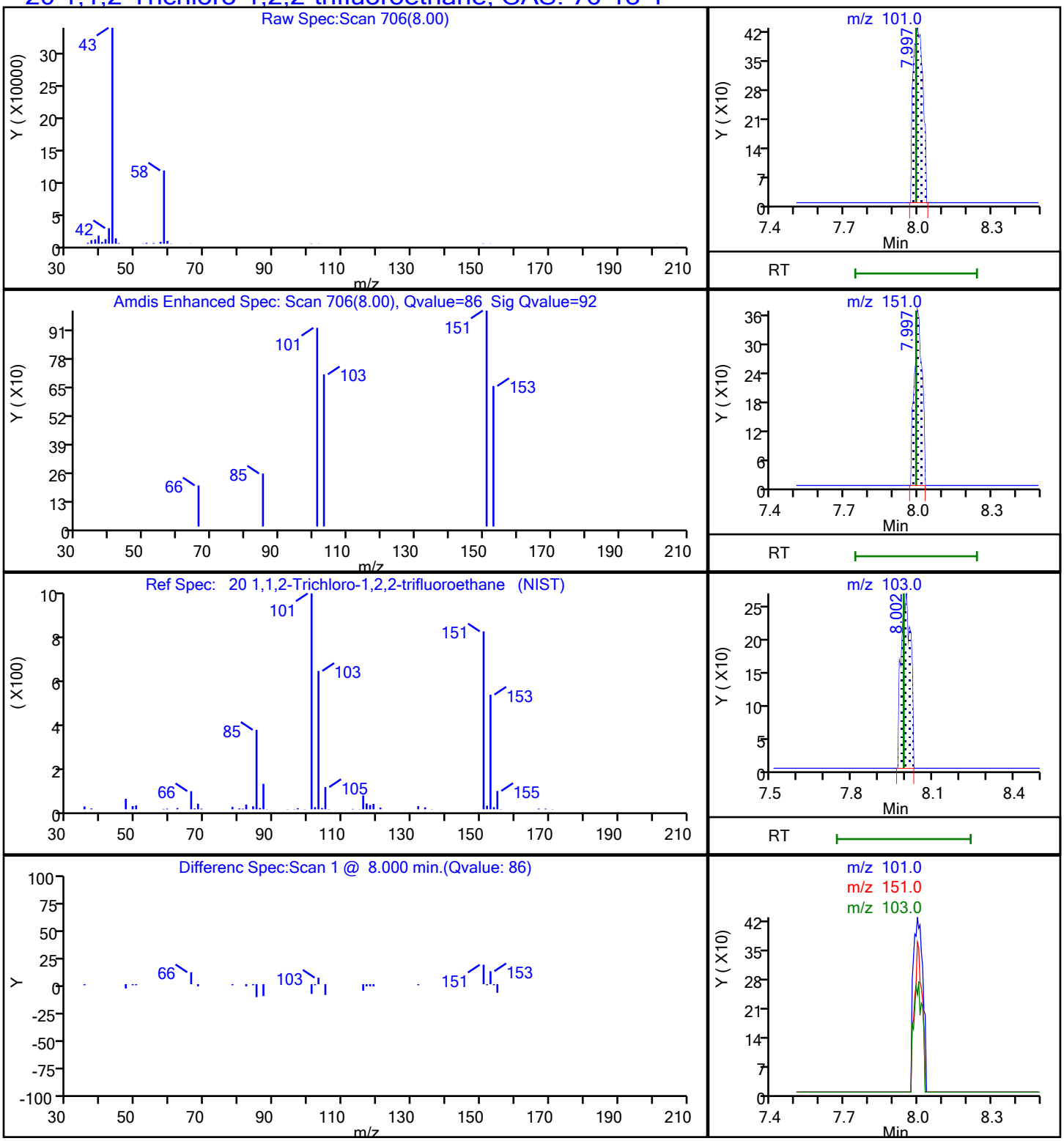
14 Trichlorofluoromethane, CAS: 75-69-4



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



Report Date: 03-May-2021 11:53:12 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

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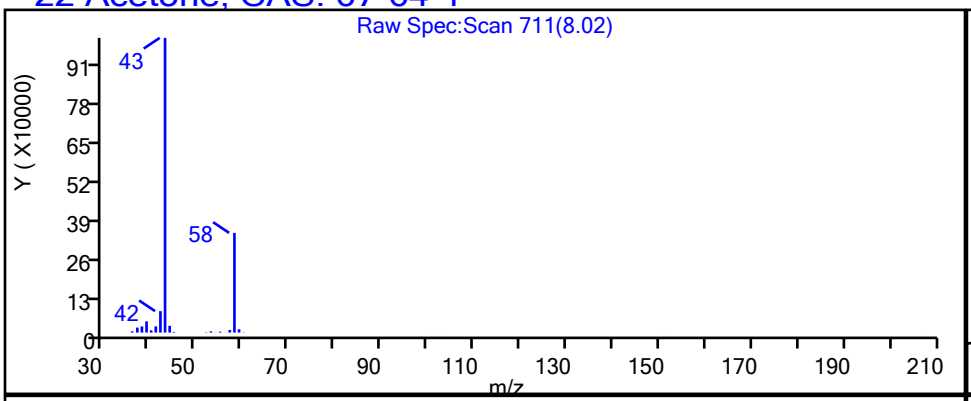
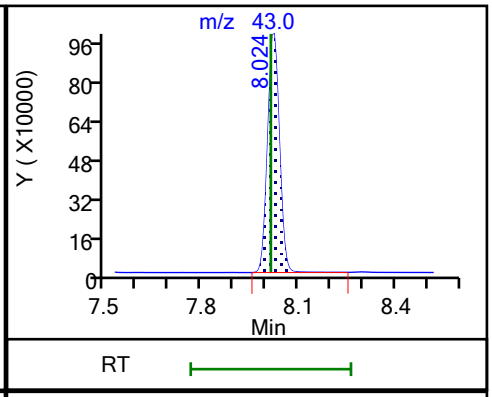
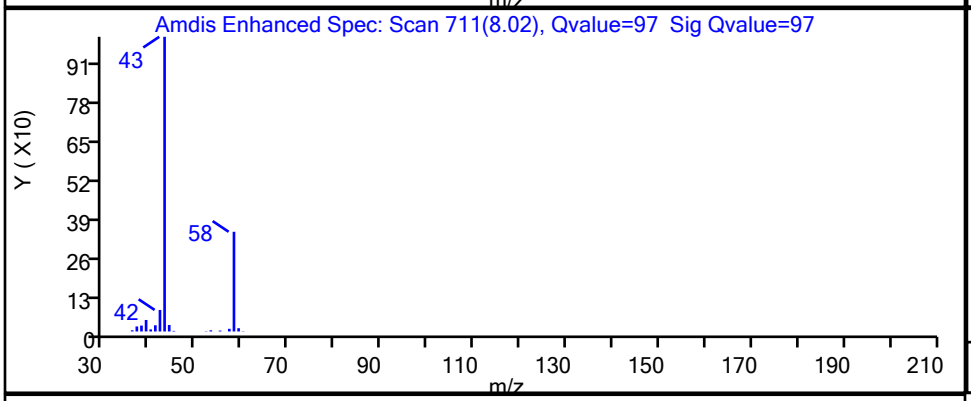
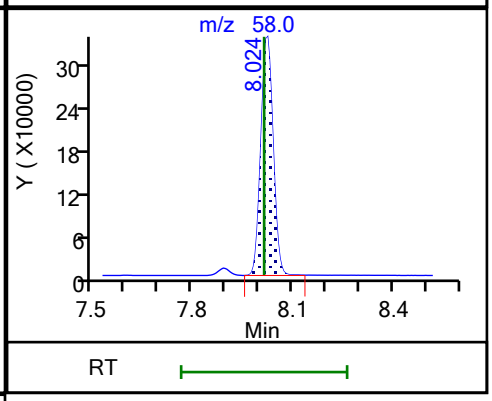
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

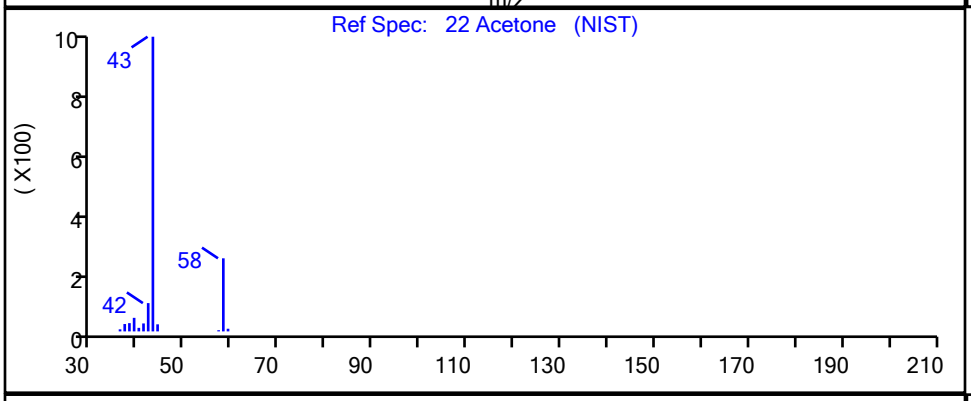
22 Acetone, CAS: 67-64-1

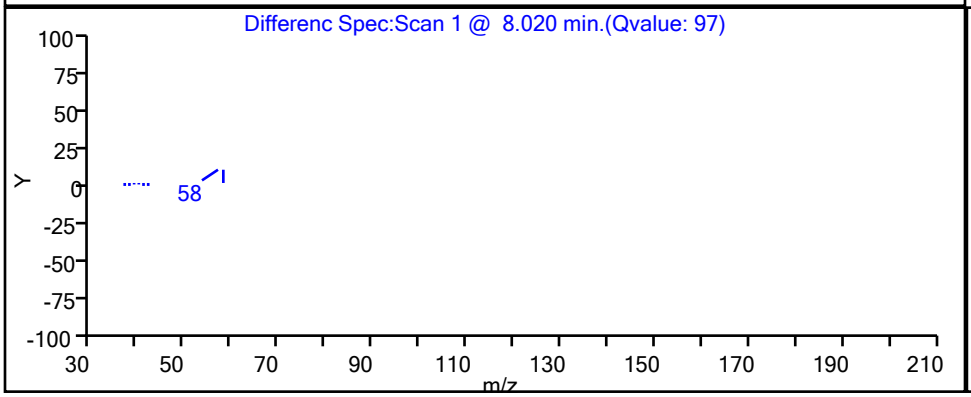


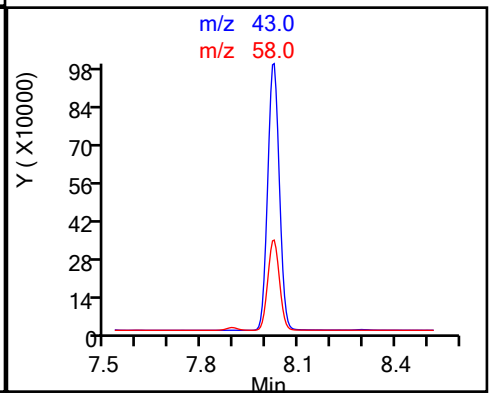












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Eurofins TestAmerica, Burlington

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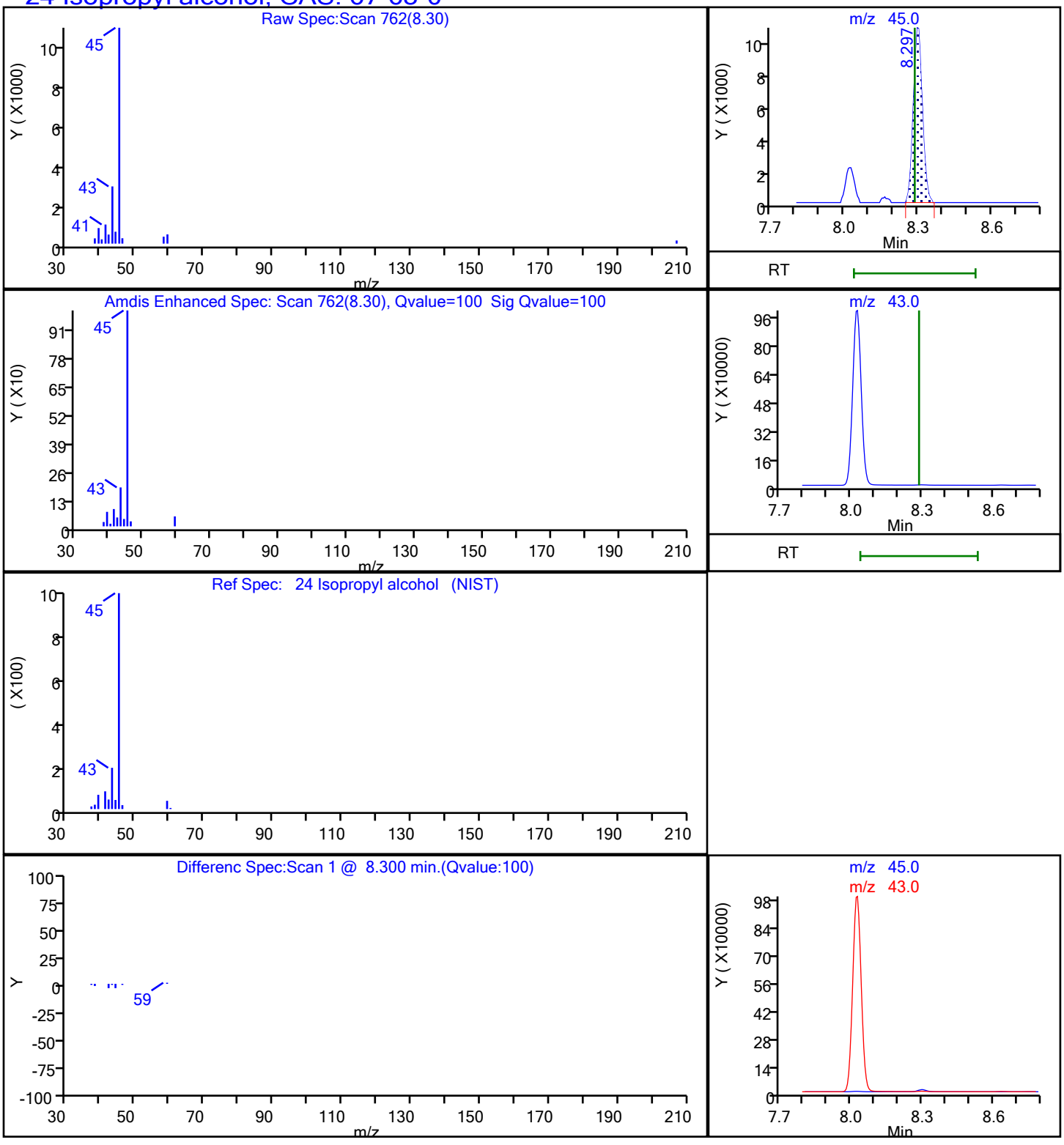
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

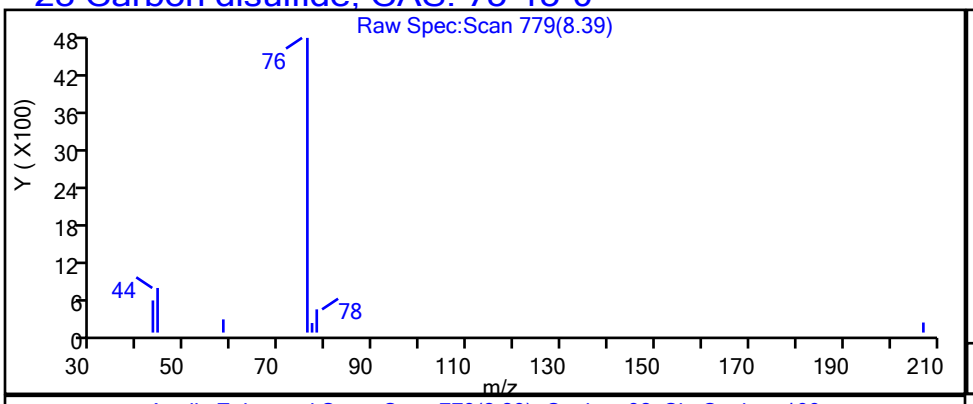
24 Isopropyl alcohol, CAS: 67-63-0

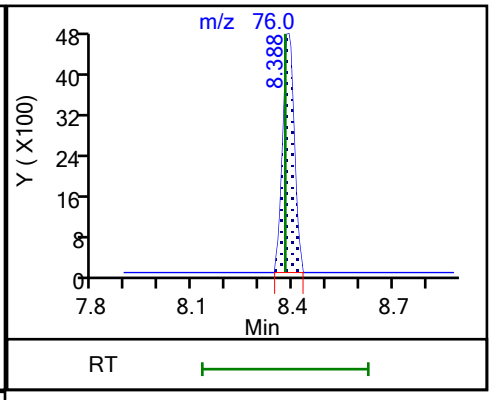


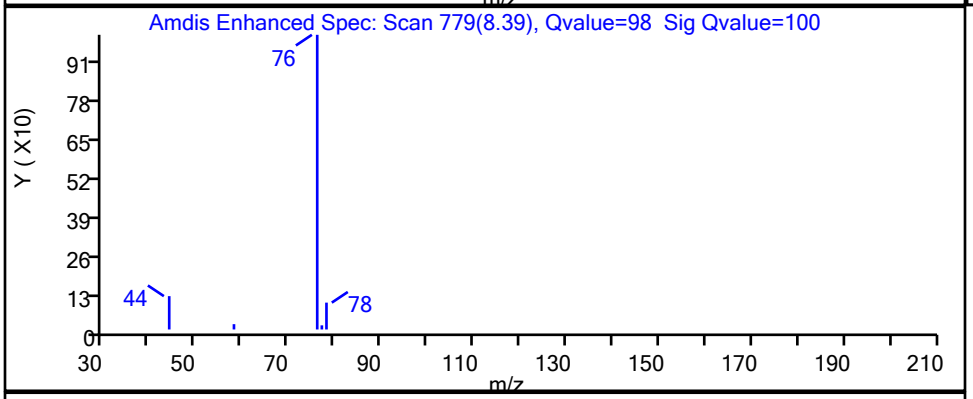
Eurofins TestAmerica, Burlington

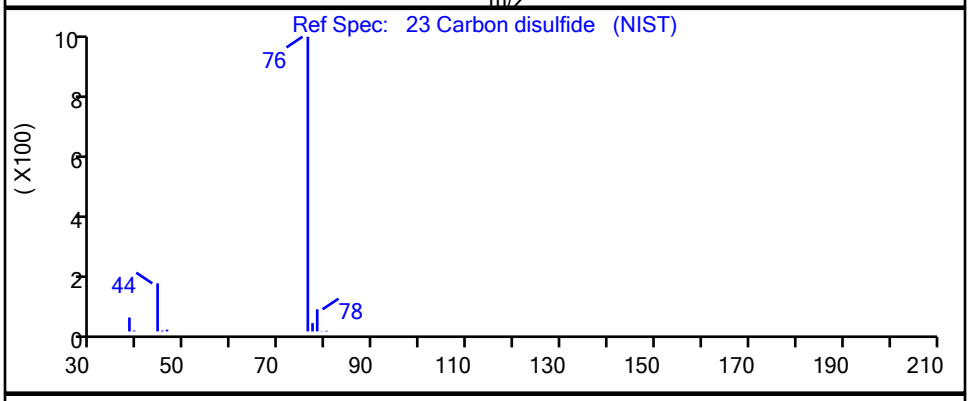
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

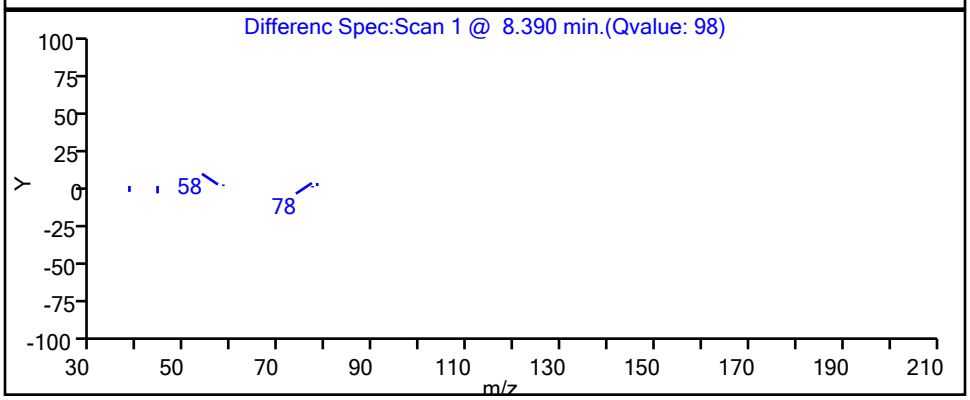
23 Carbon disulfide, CAS: 75-15-0











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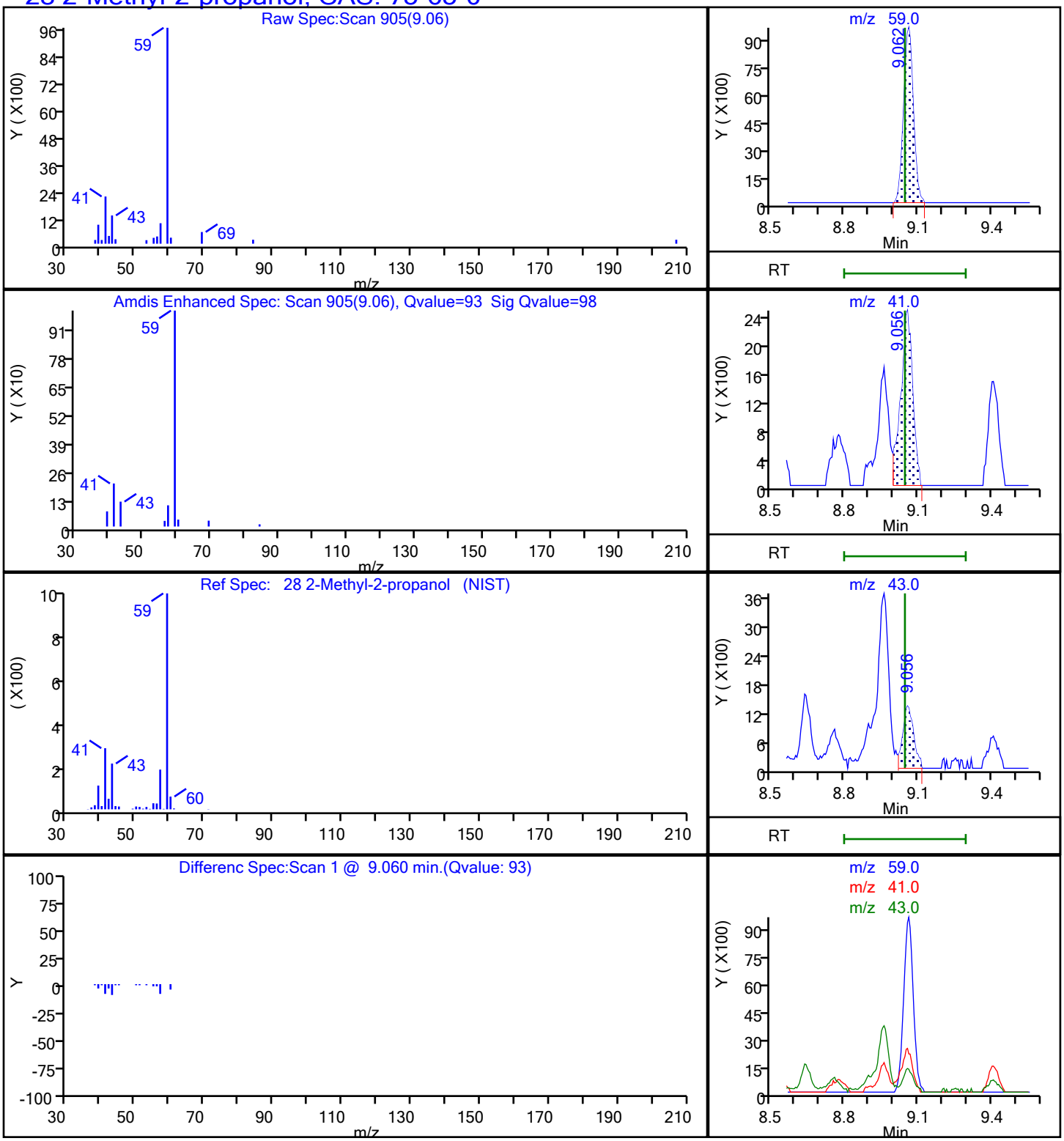
Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

28 2-Methyl-2-propanol, CAS: 75-65-0



Eurofins TestAmerica, Burlington

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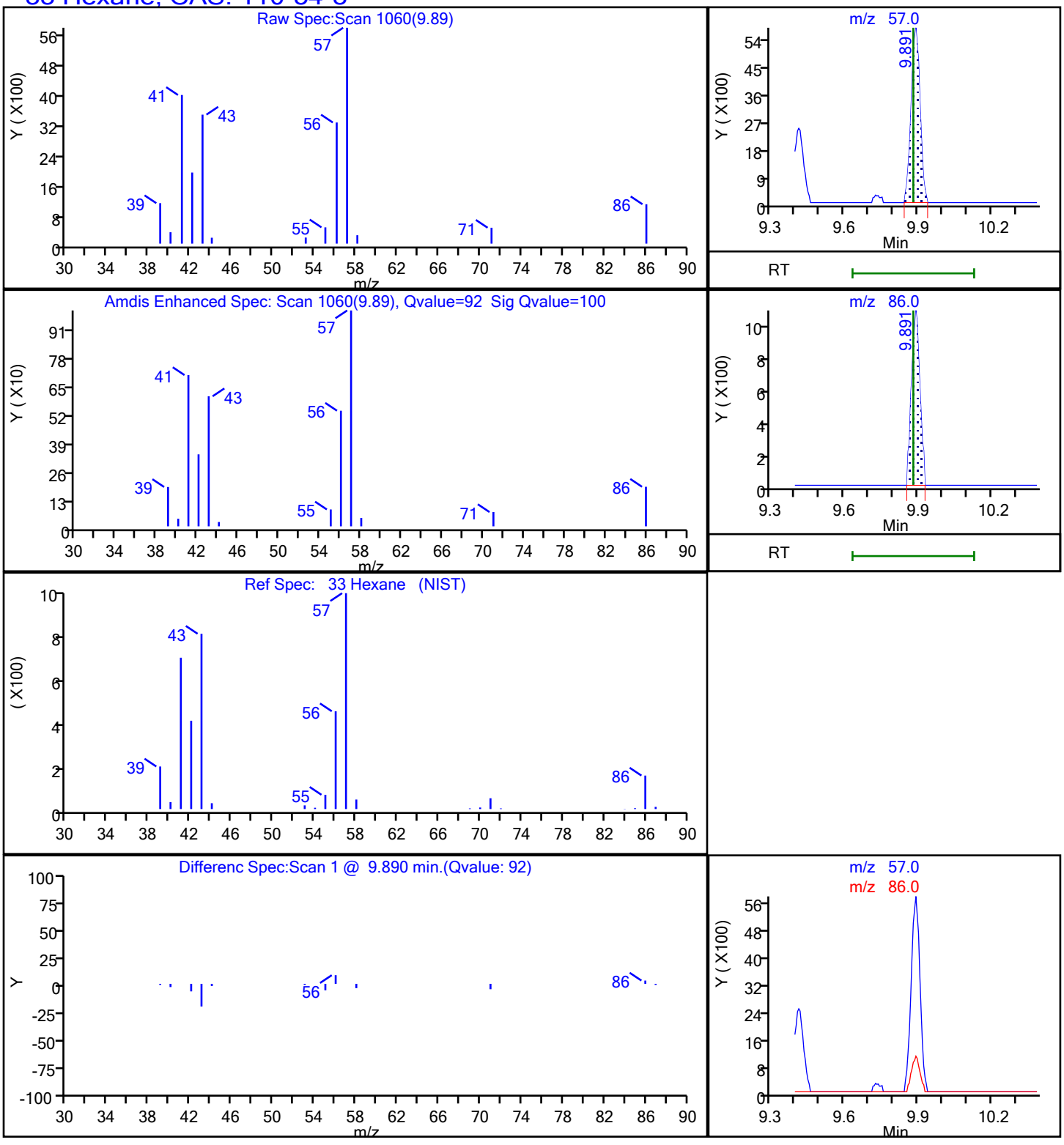
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

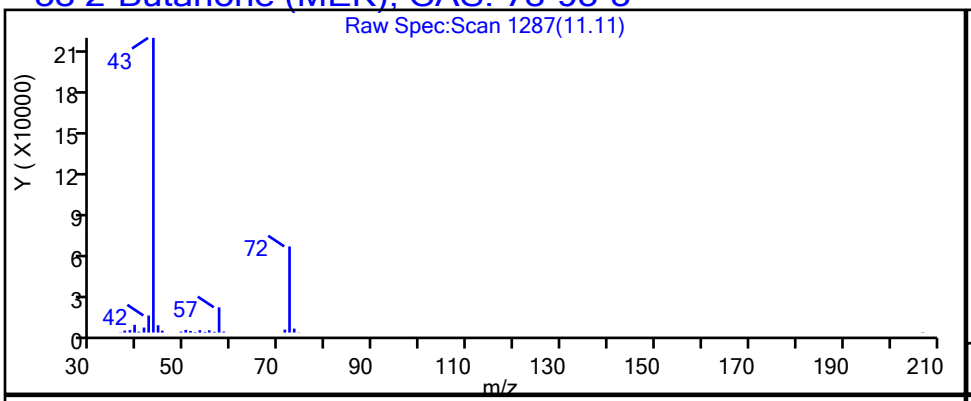
33 Hexane, CAS: 110-54-3

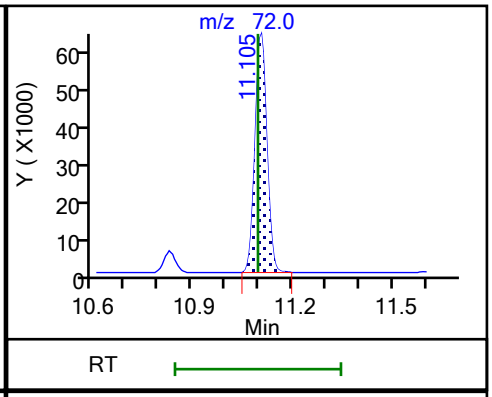


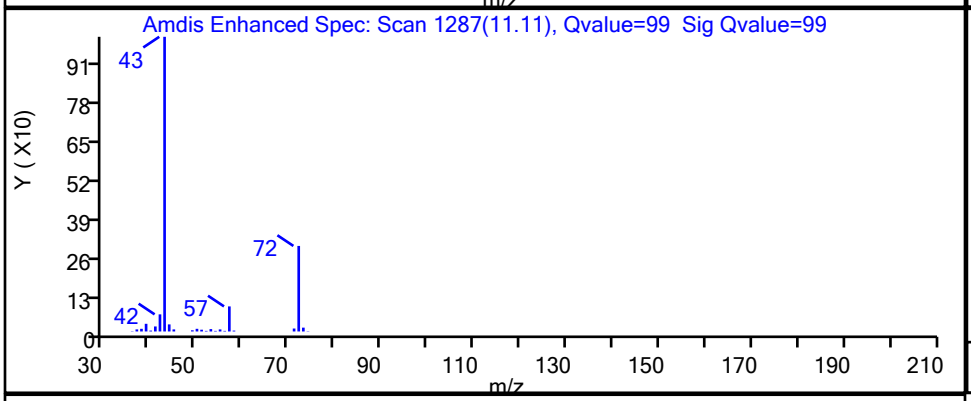
Eurofins TestAmerica, Burlington

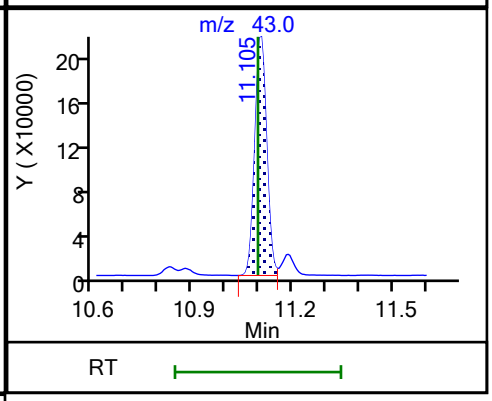
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

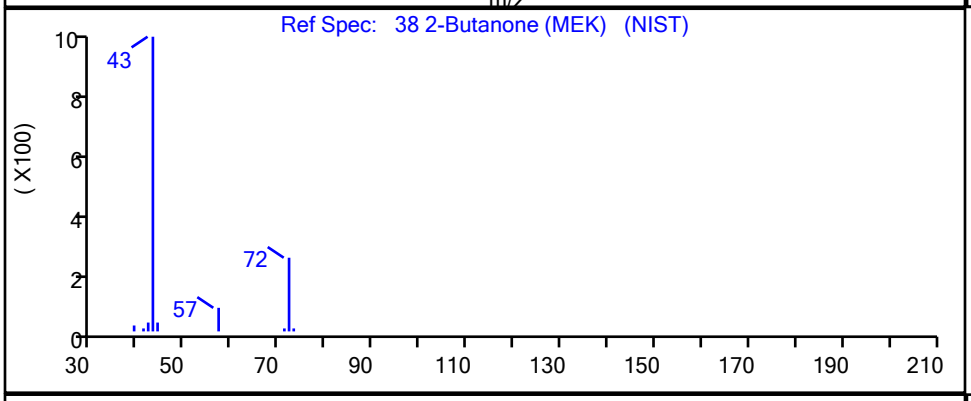
38 2-Butanone (MEK), CAS: 78-93-3

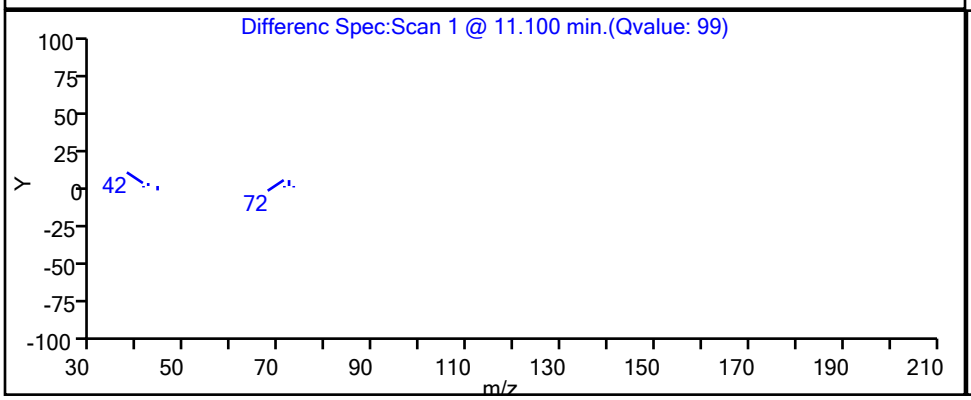


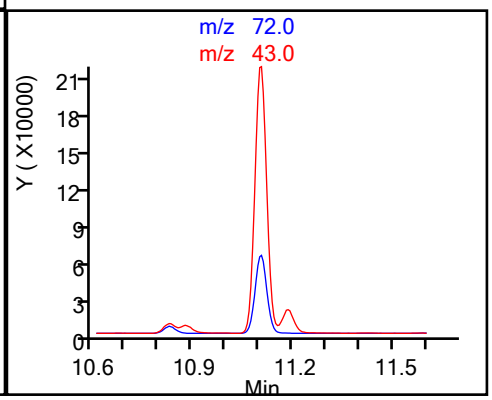








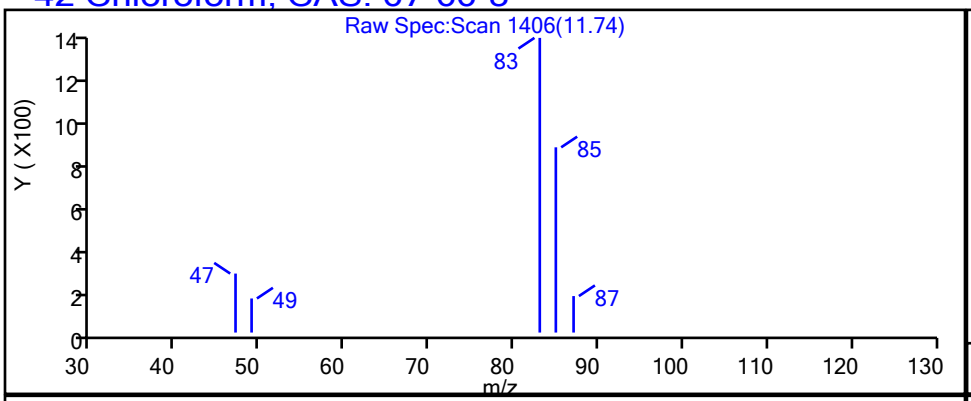


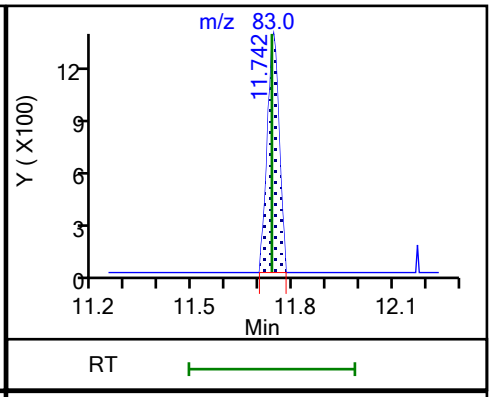


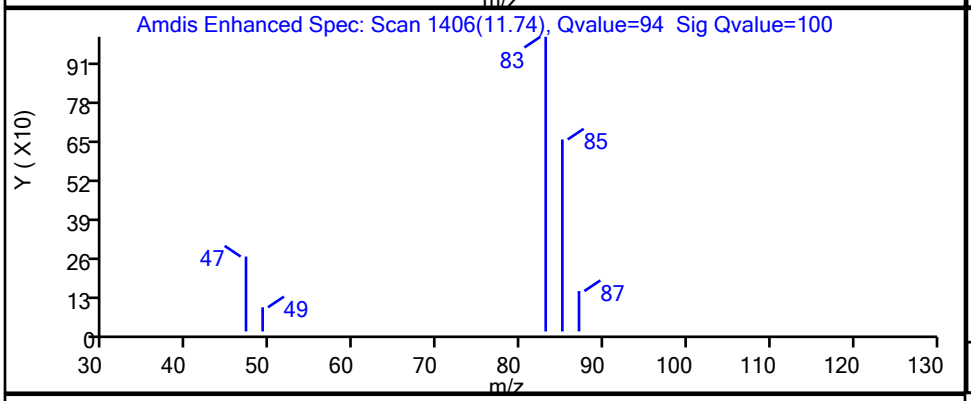
Eurofins TestAmerica, Burlington

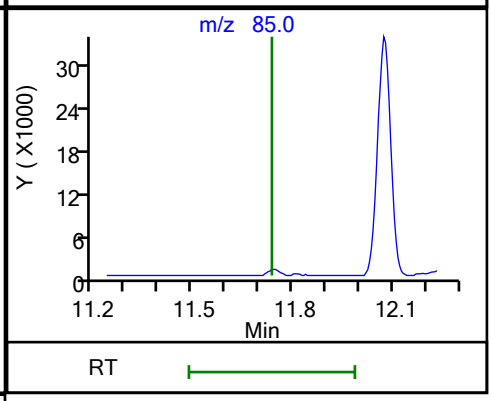
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

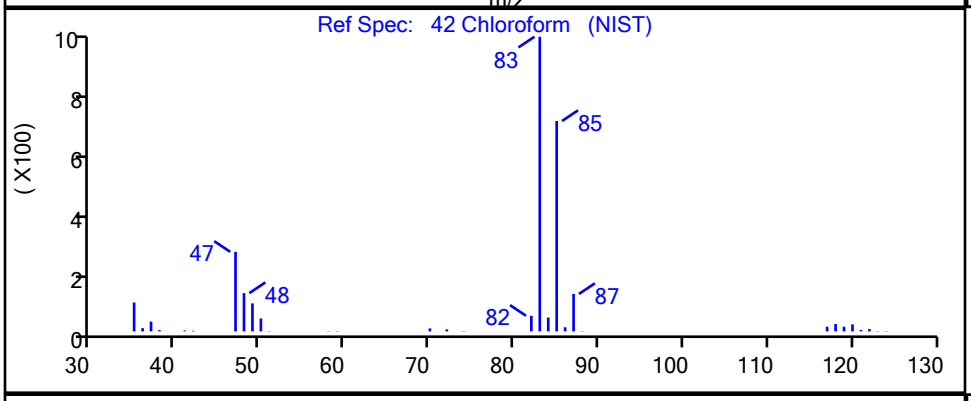
42 Chloroform, CAS: 67-66-3

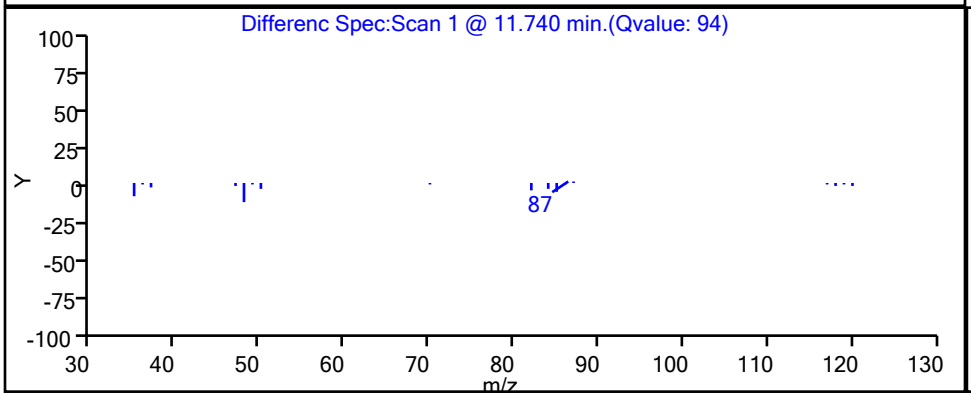


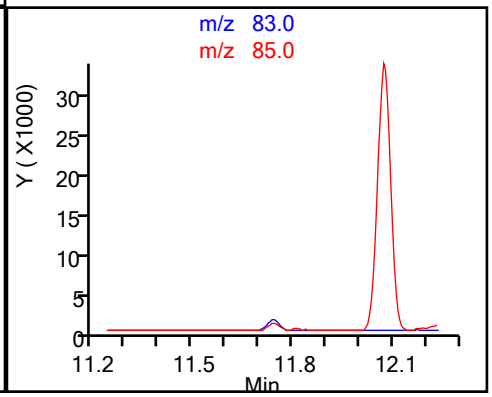










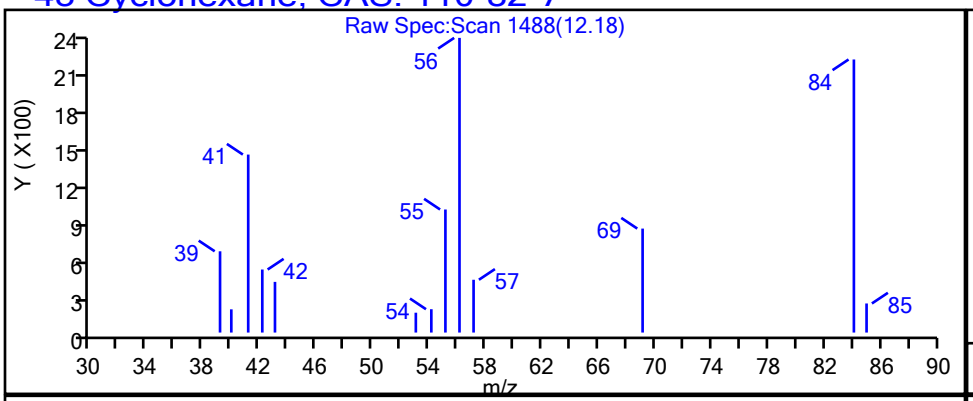


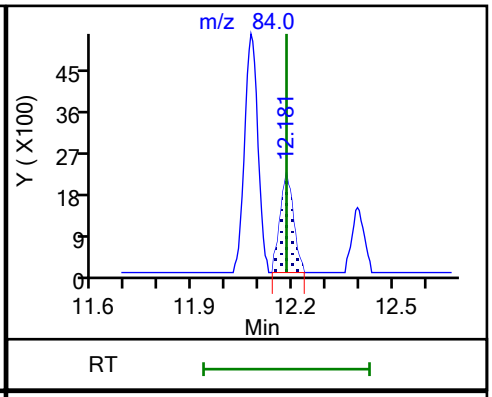
Report Date: 03-May-2021 11:53:12 Chrom Revision: 2.3 08-Apr-2021 17:17:48

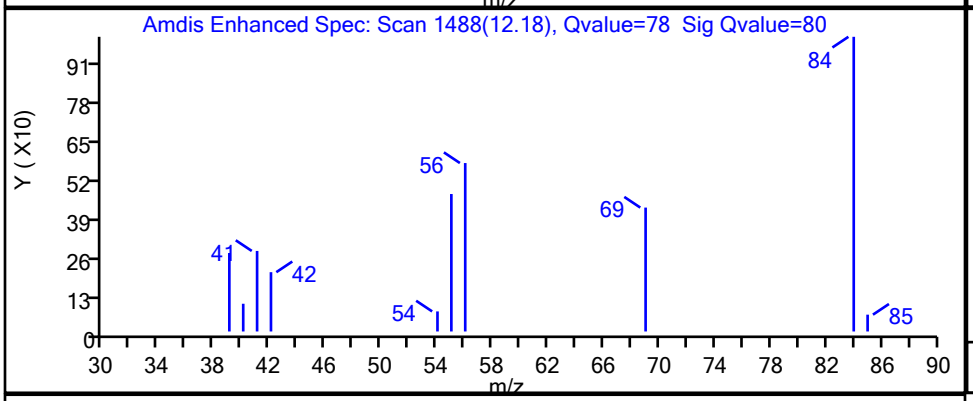
Eurofins TestAmerica, Burlington

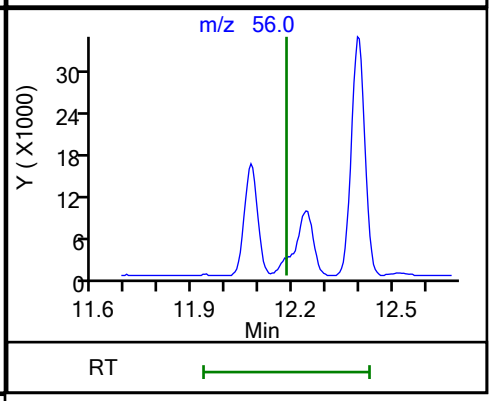
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

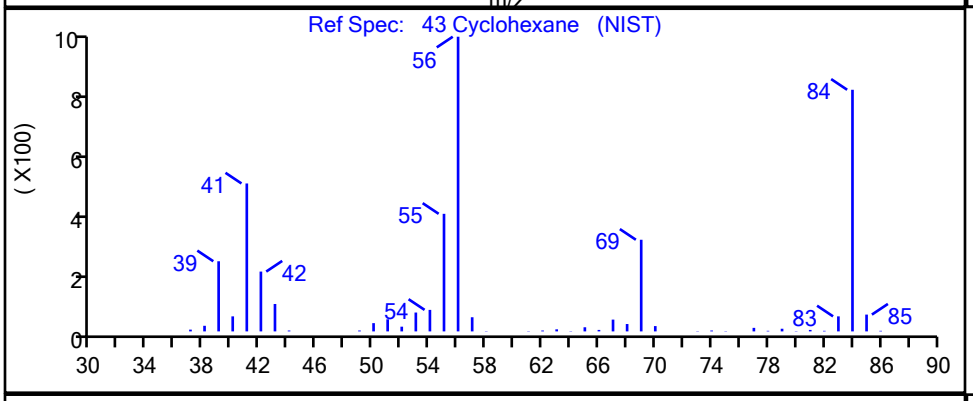
43 Cyclohexane, CAS: 110-82-7

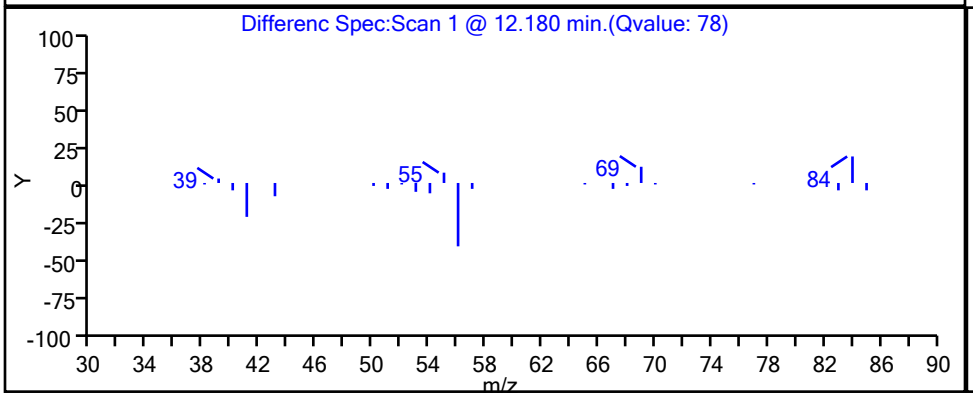


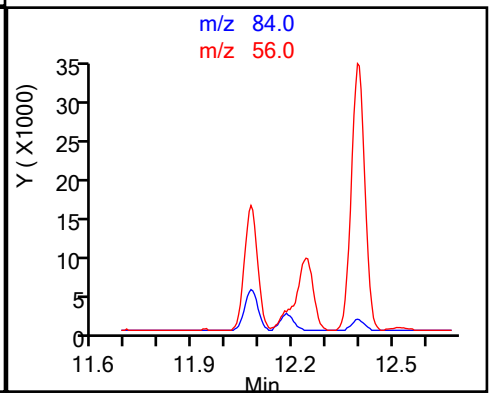








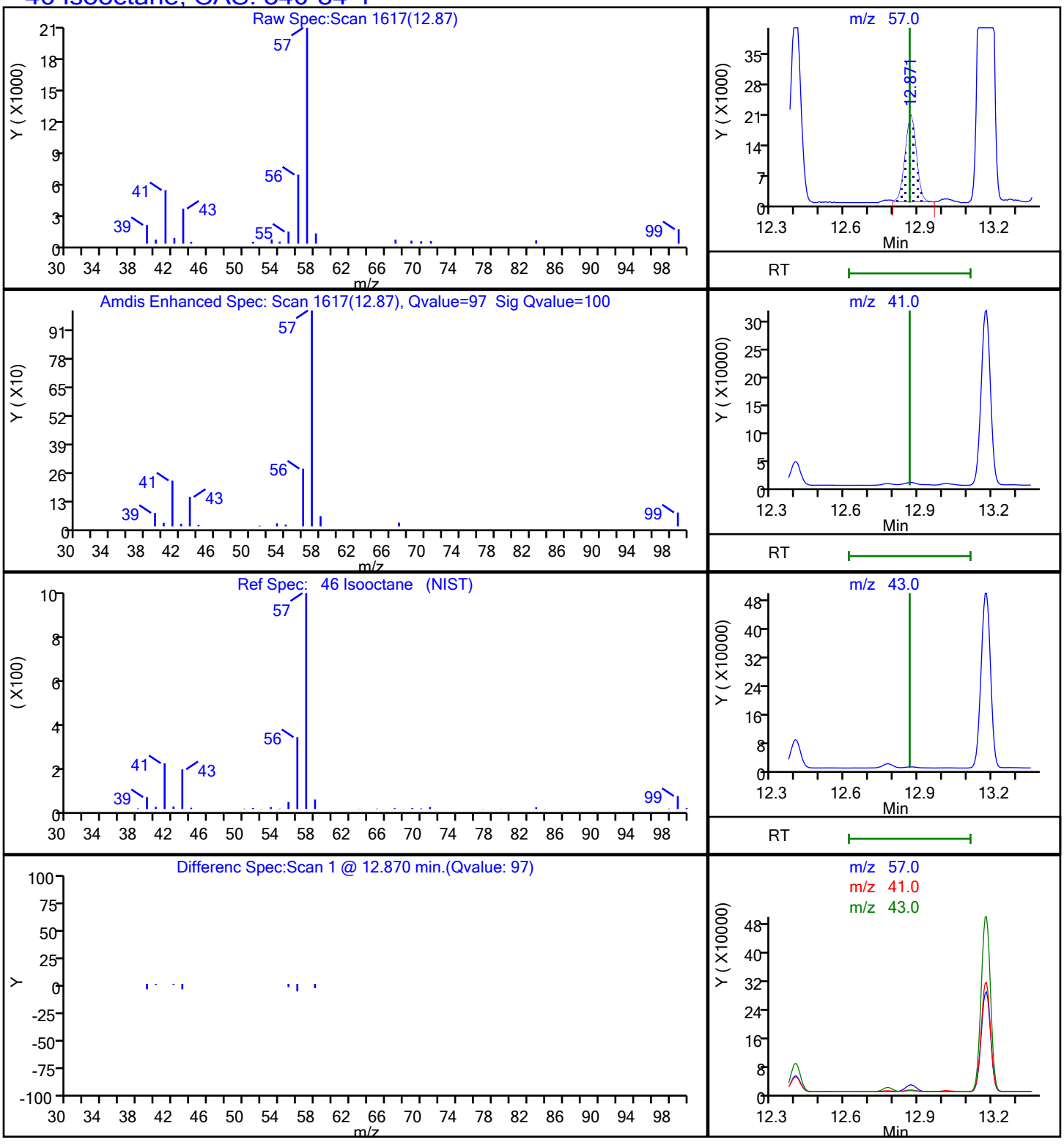




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Isooctane, CAS: 540-84-1



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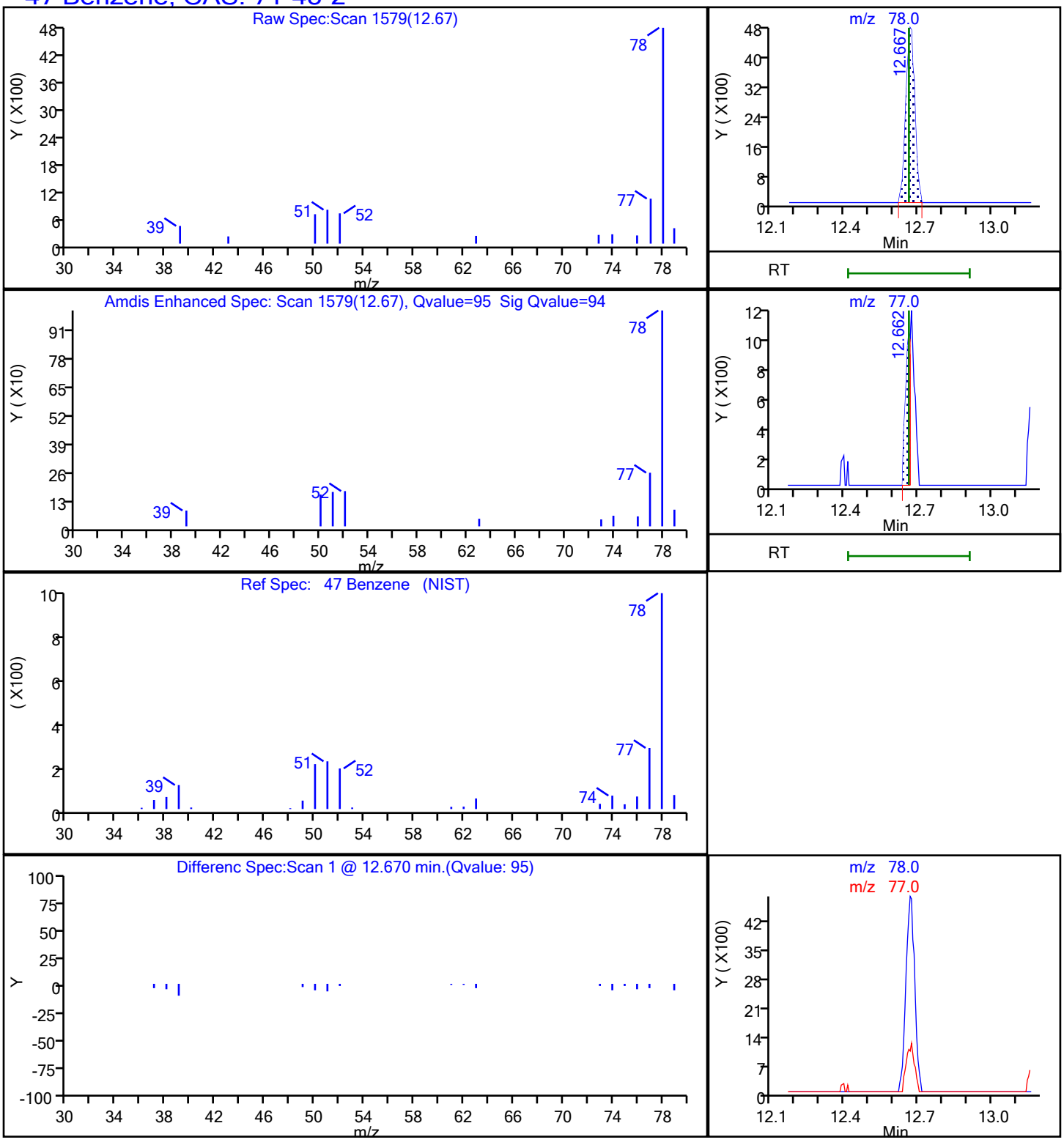
Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2

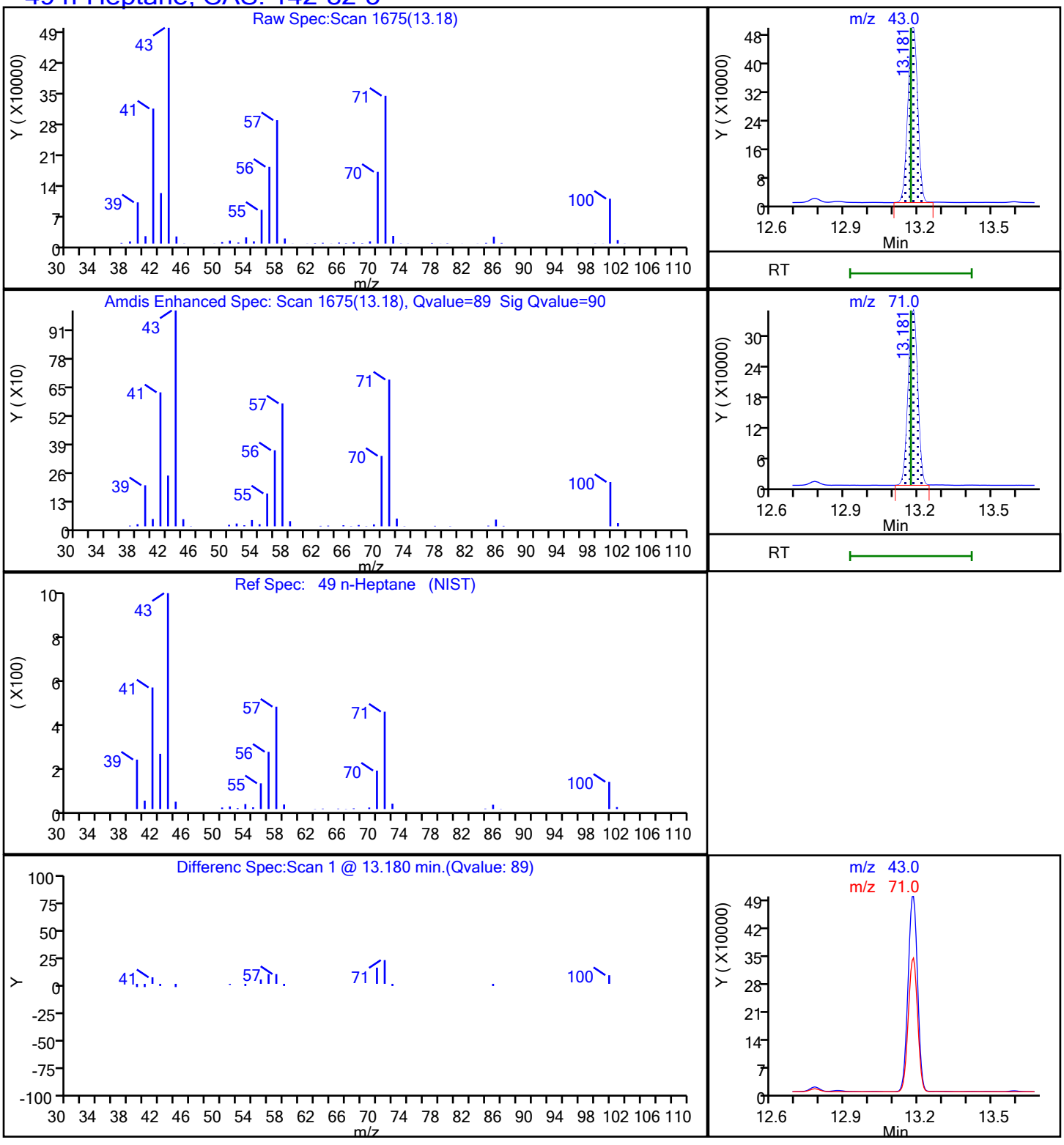


Report Date: 03-May-2021 11:53:12 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5



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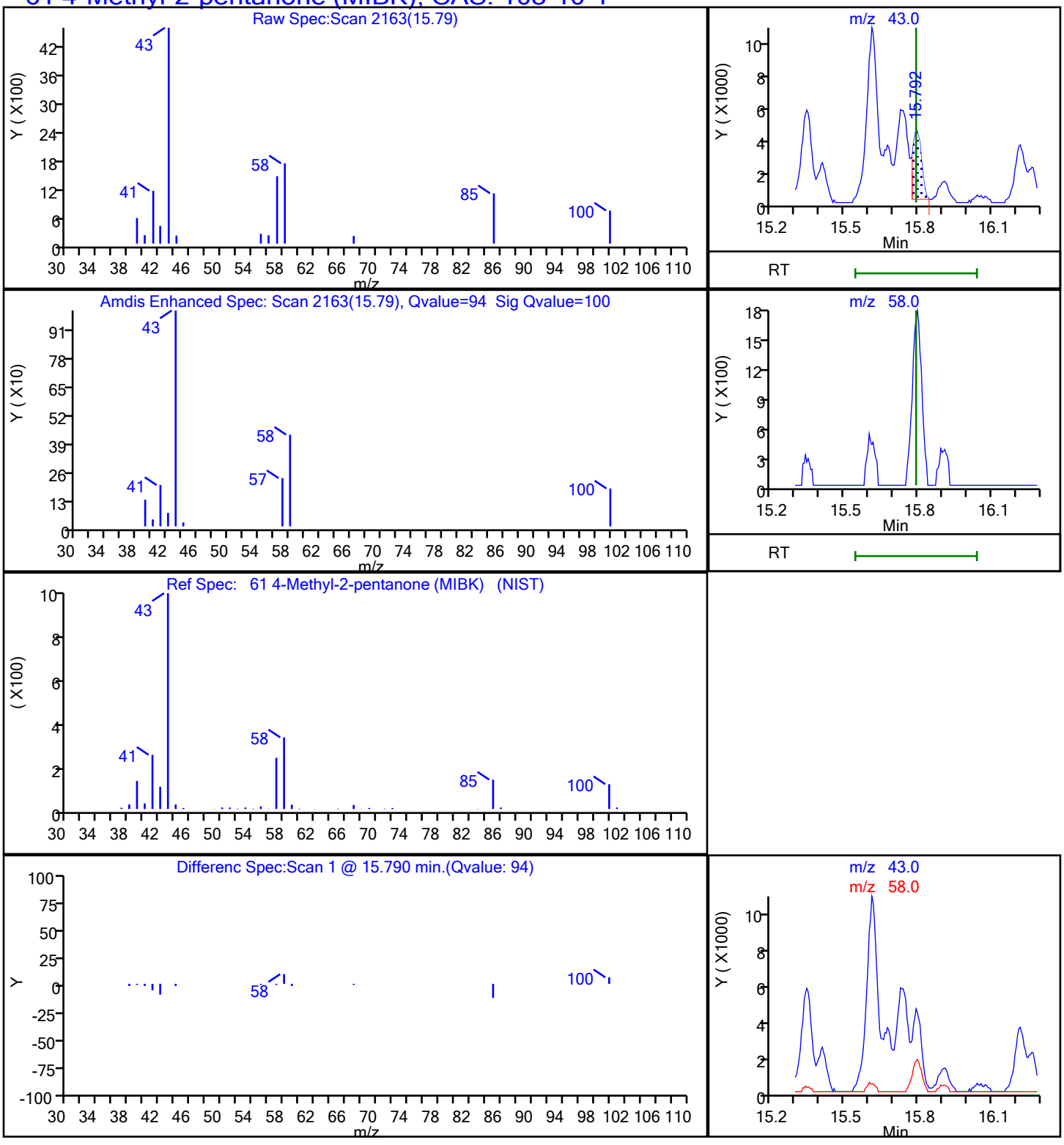
Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

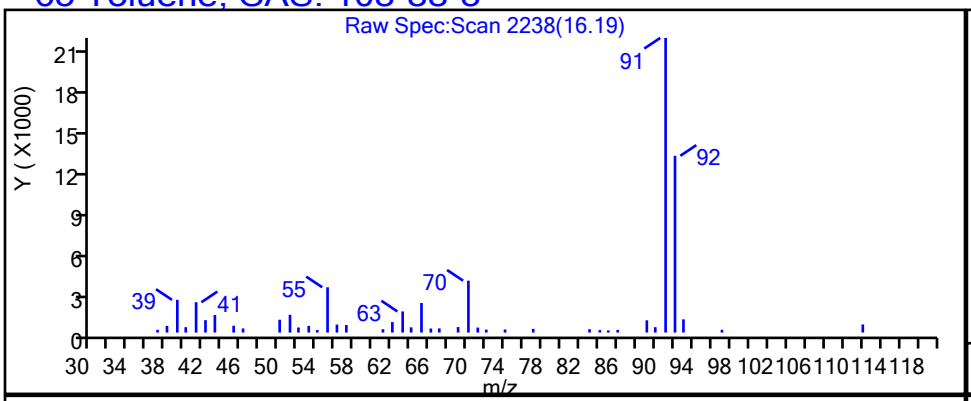
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

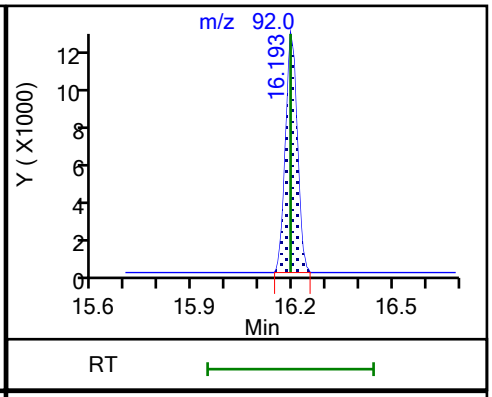


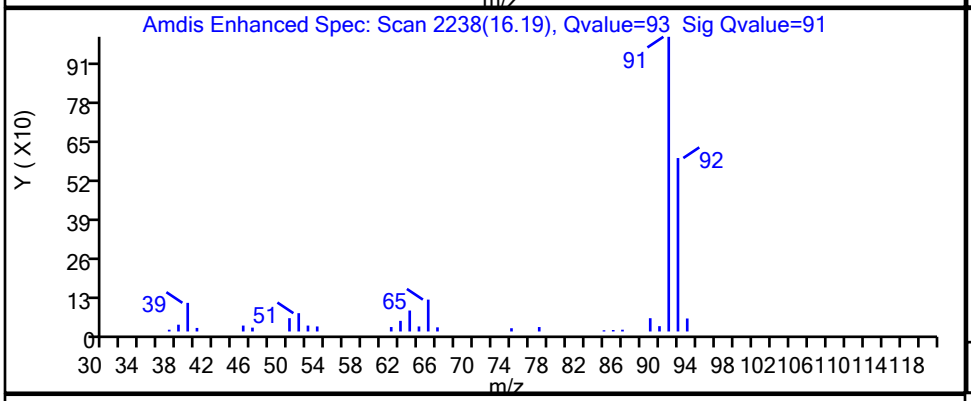
Eurofins TestAmerica, Burlington

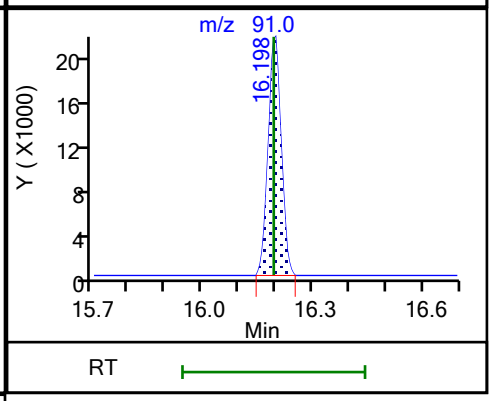
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

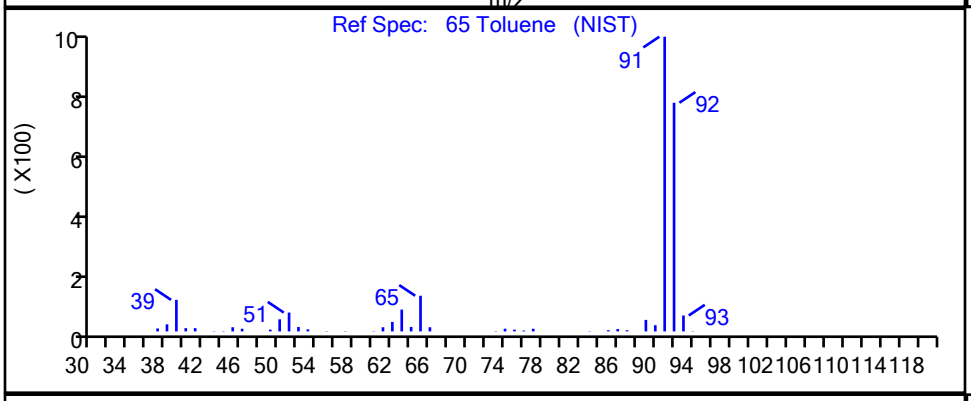
65 Toluene, CAS: 108-88-3

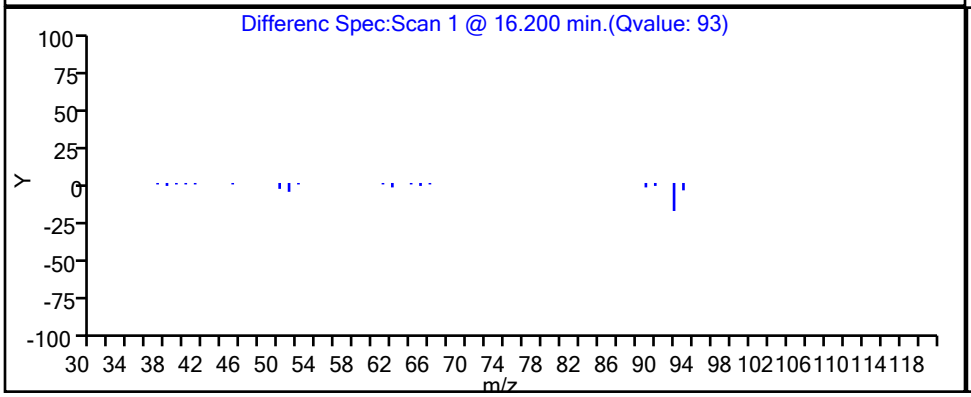


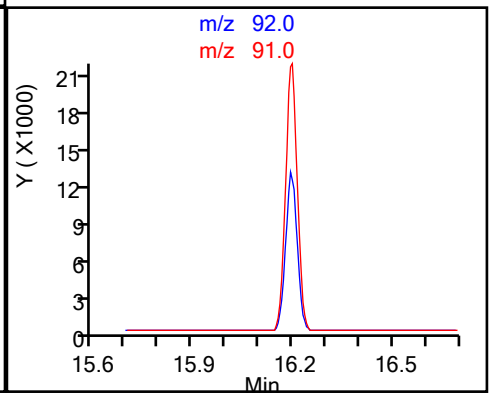










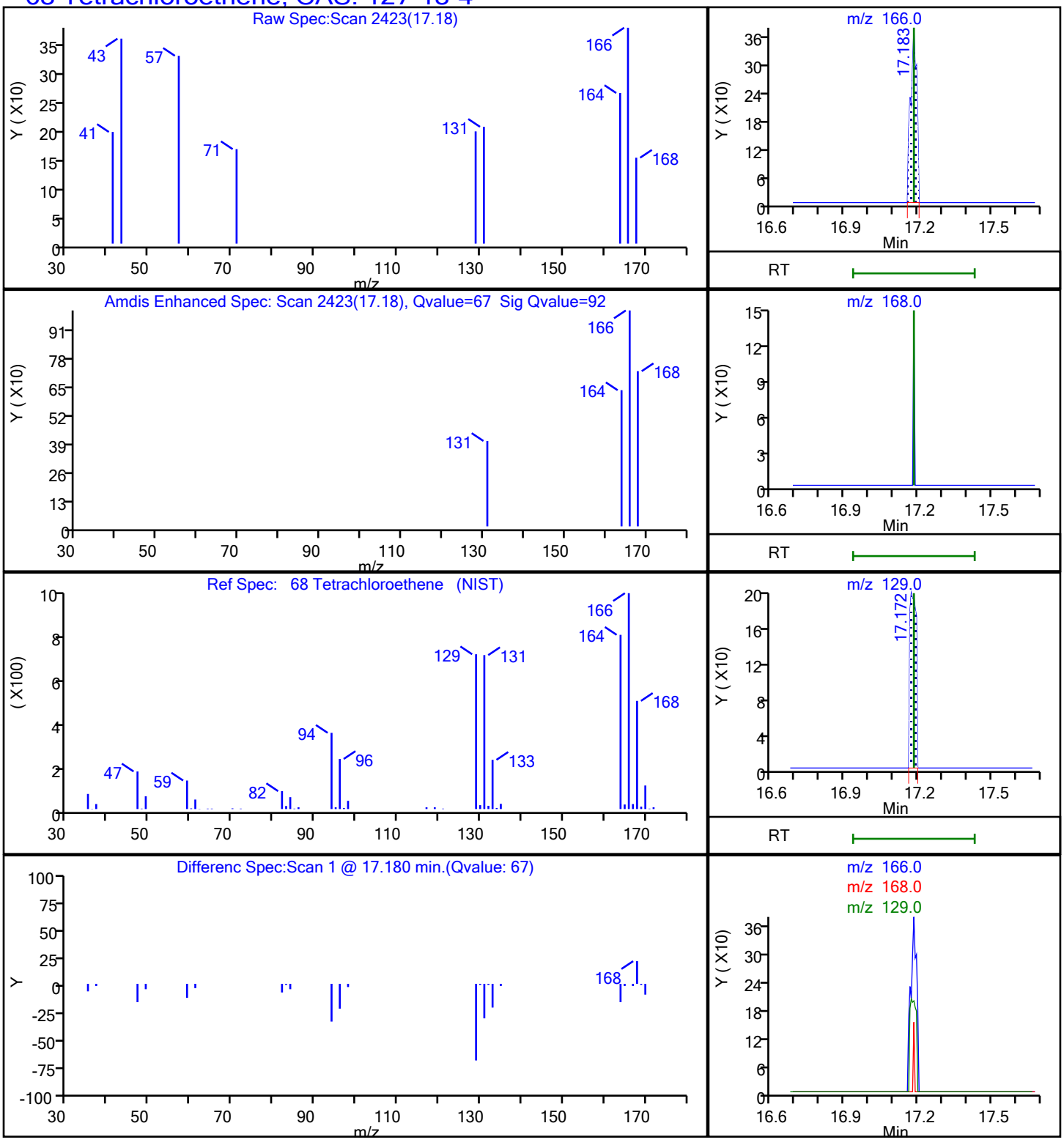


Report Date: 03-May-2021 11:53:12 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4

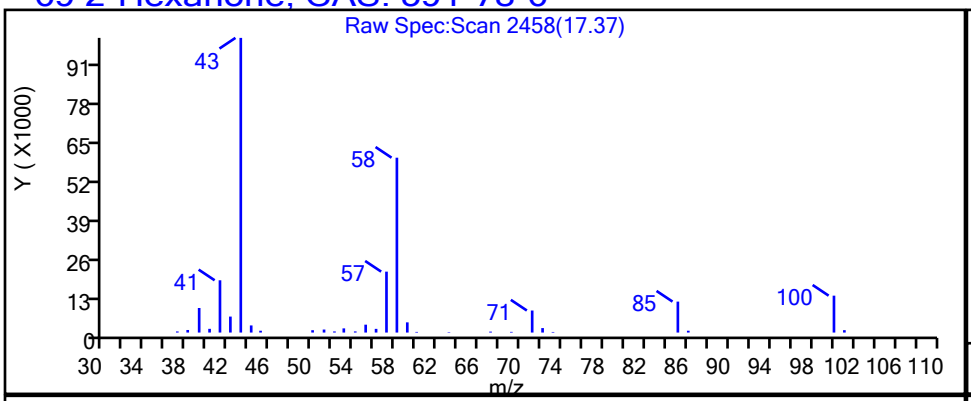


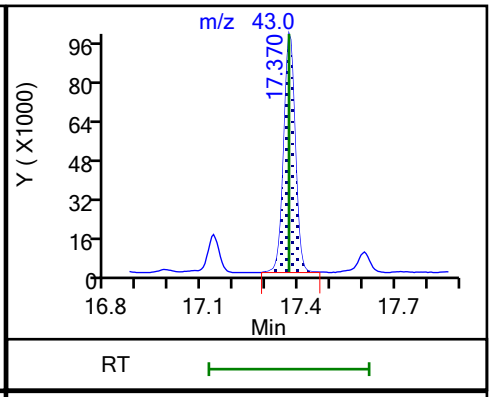
Report Date: 03-May-2021 11:53:13 Chrom Revision: 2.3 08-Apr-2021 17:17:48

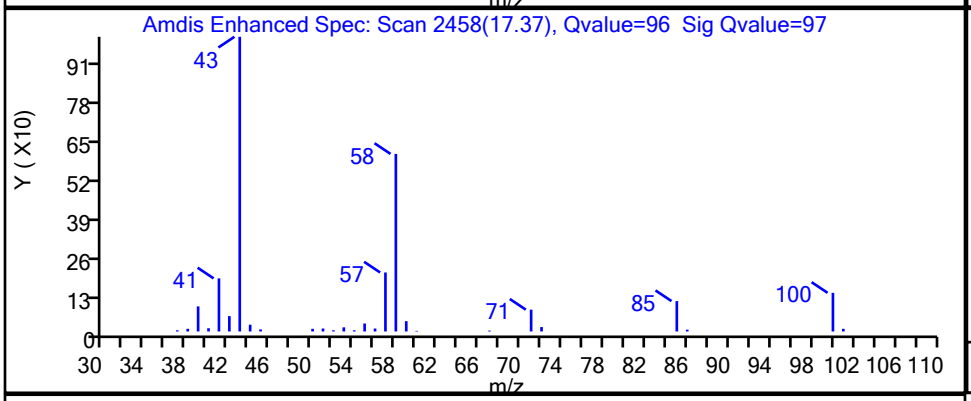
Eurofins TestAmerica, Burlington

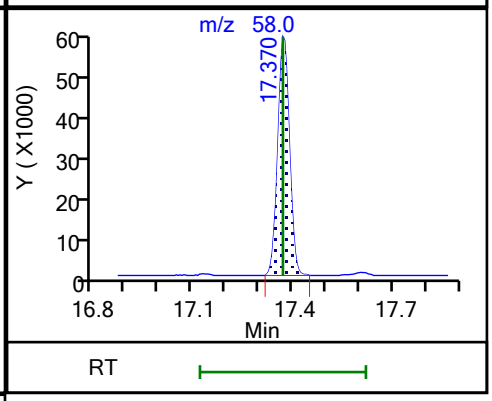
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

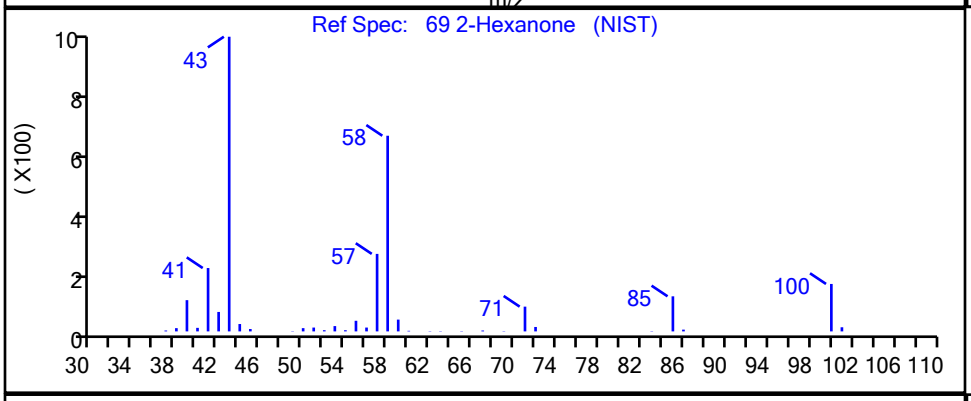
69 2-Hexanone, CAS: 591-78-6

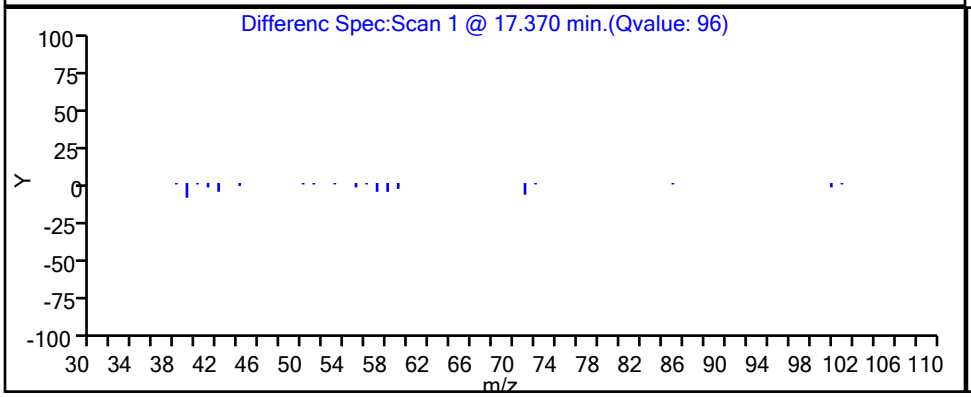


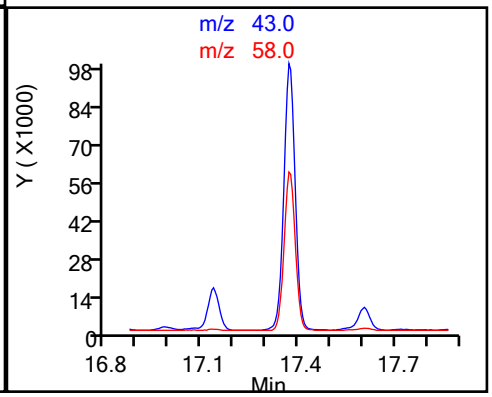










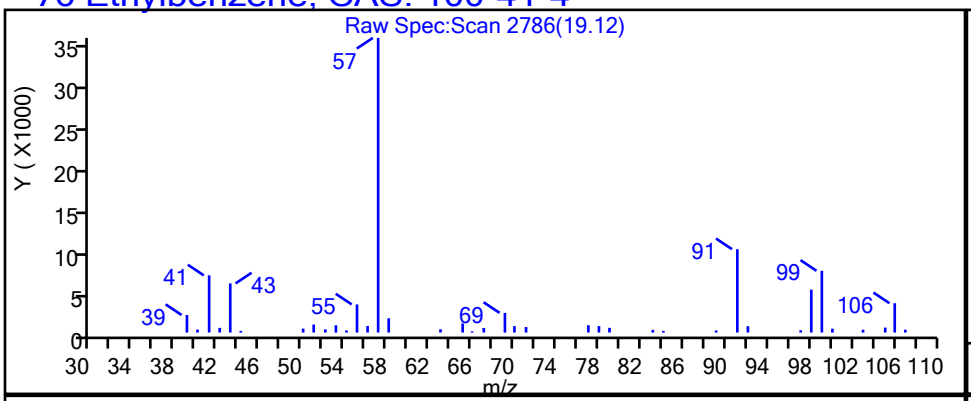


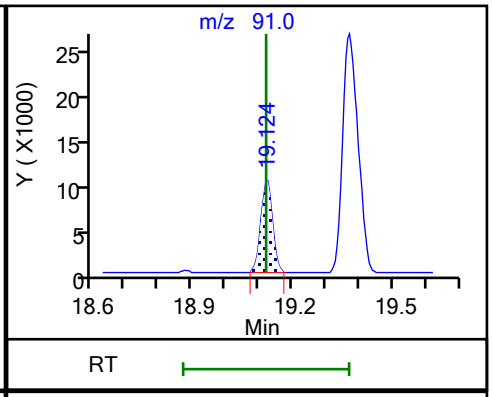
Report Date: 03-May-2021 11:53:13 Chrom Revision: 2.3 08-Apr-2021 17:17:48

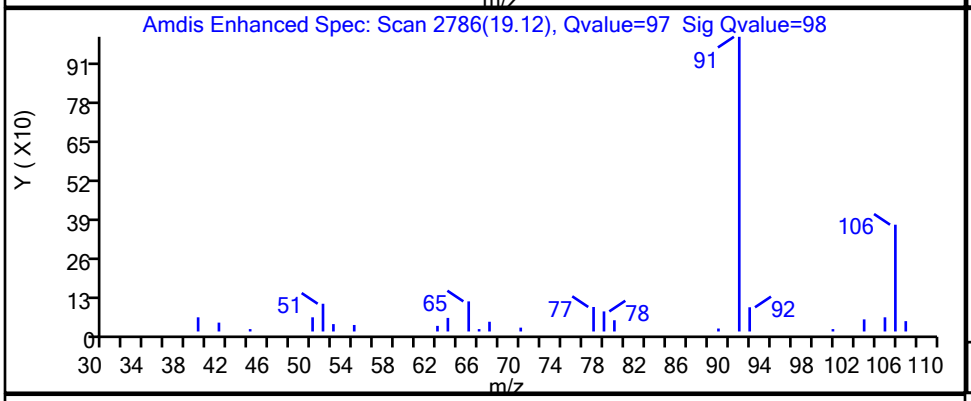
Eurofins TestAmerica, Burlington

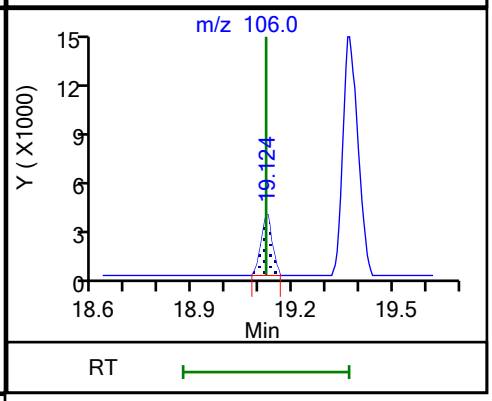
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

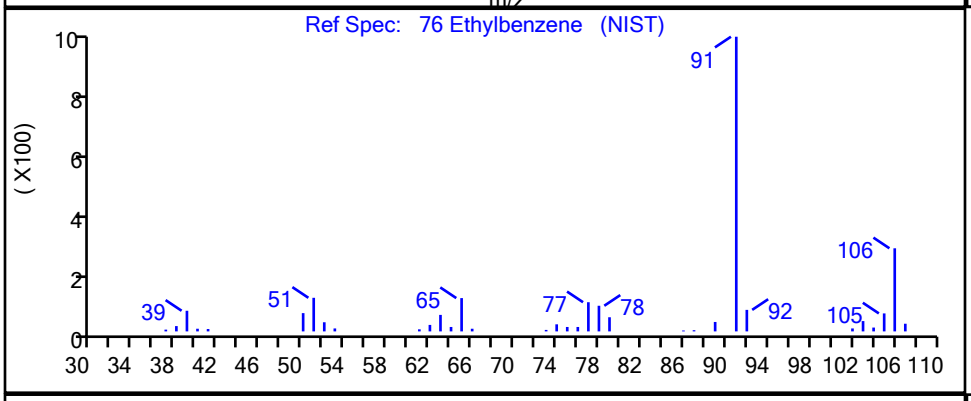
76 Ethylbenzene, CAS: 100-41-4

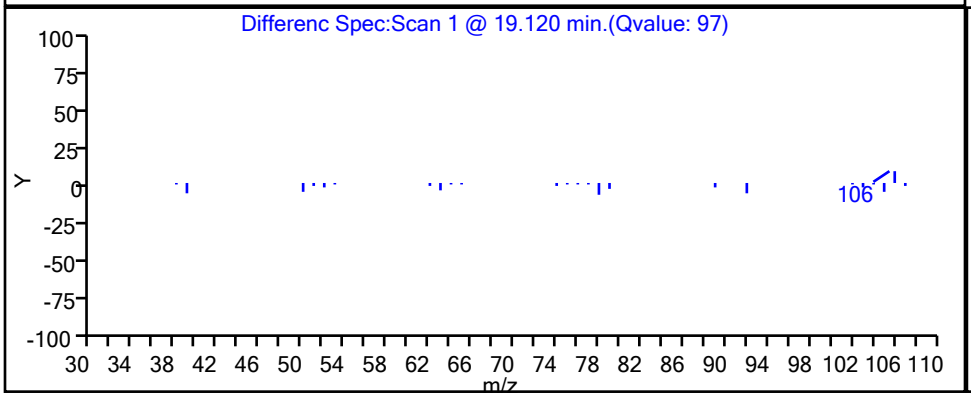


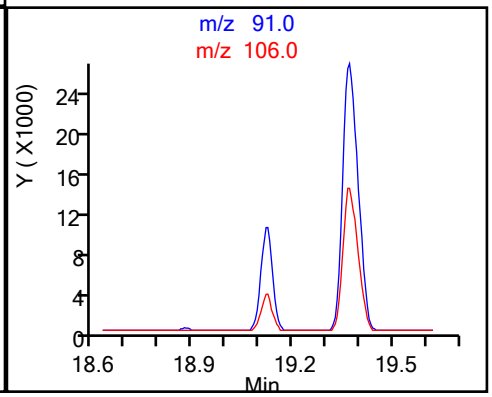










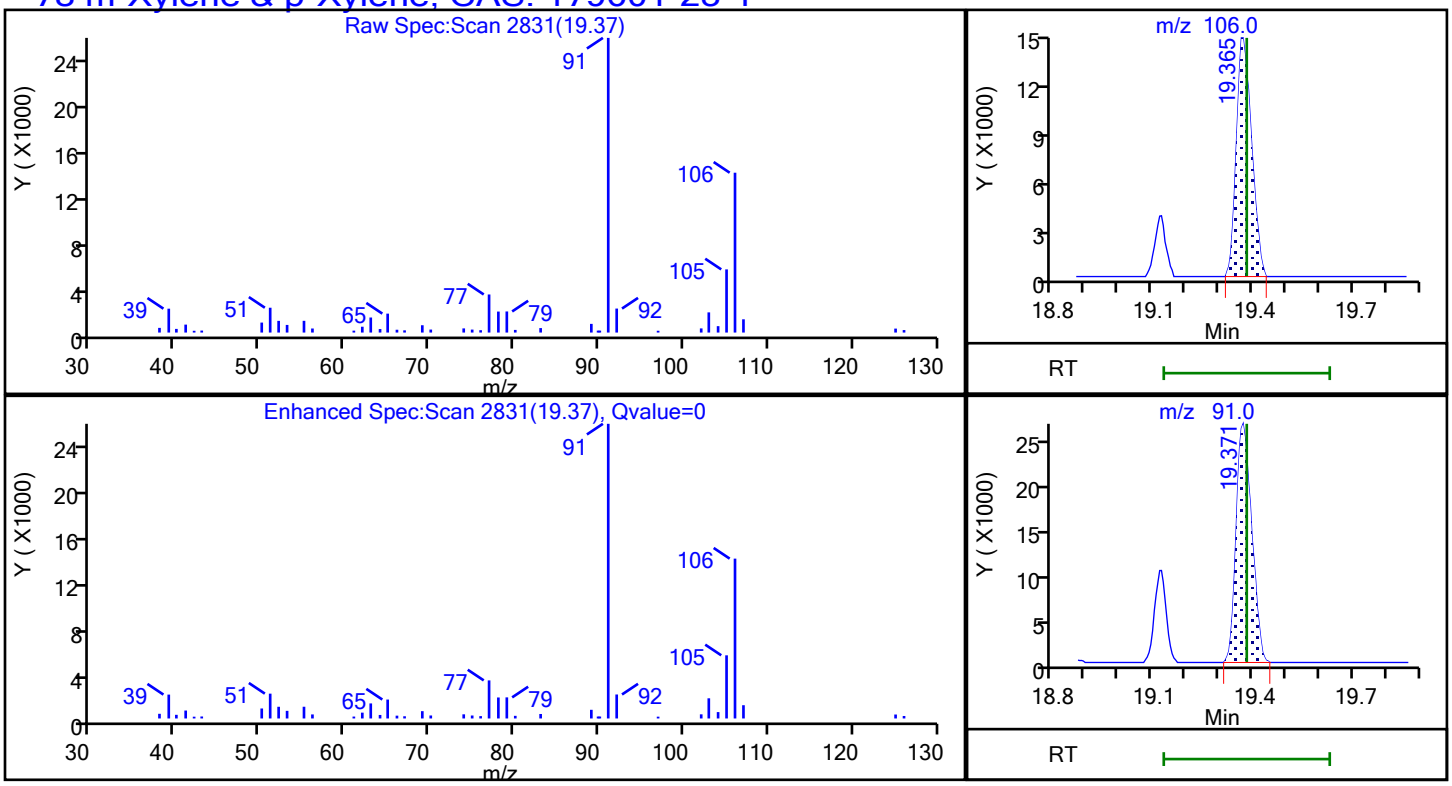


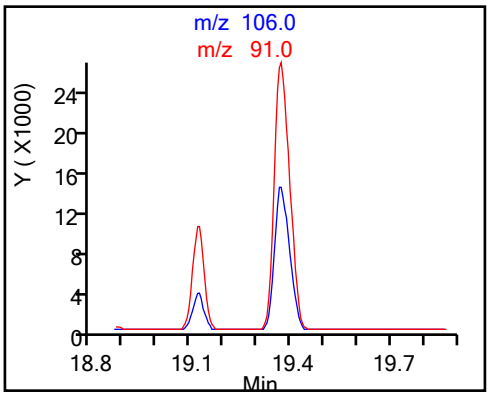
Report Date: 03-May-2021 11:53:13 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 m-Xylene & p-Xylene, CAS: 179601-23-1





Eurofins TestAmerica, Burlington

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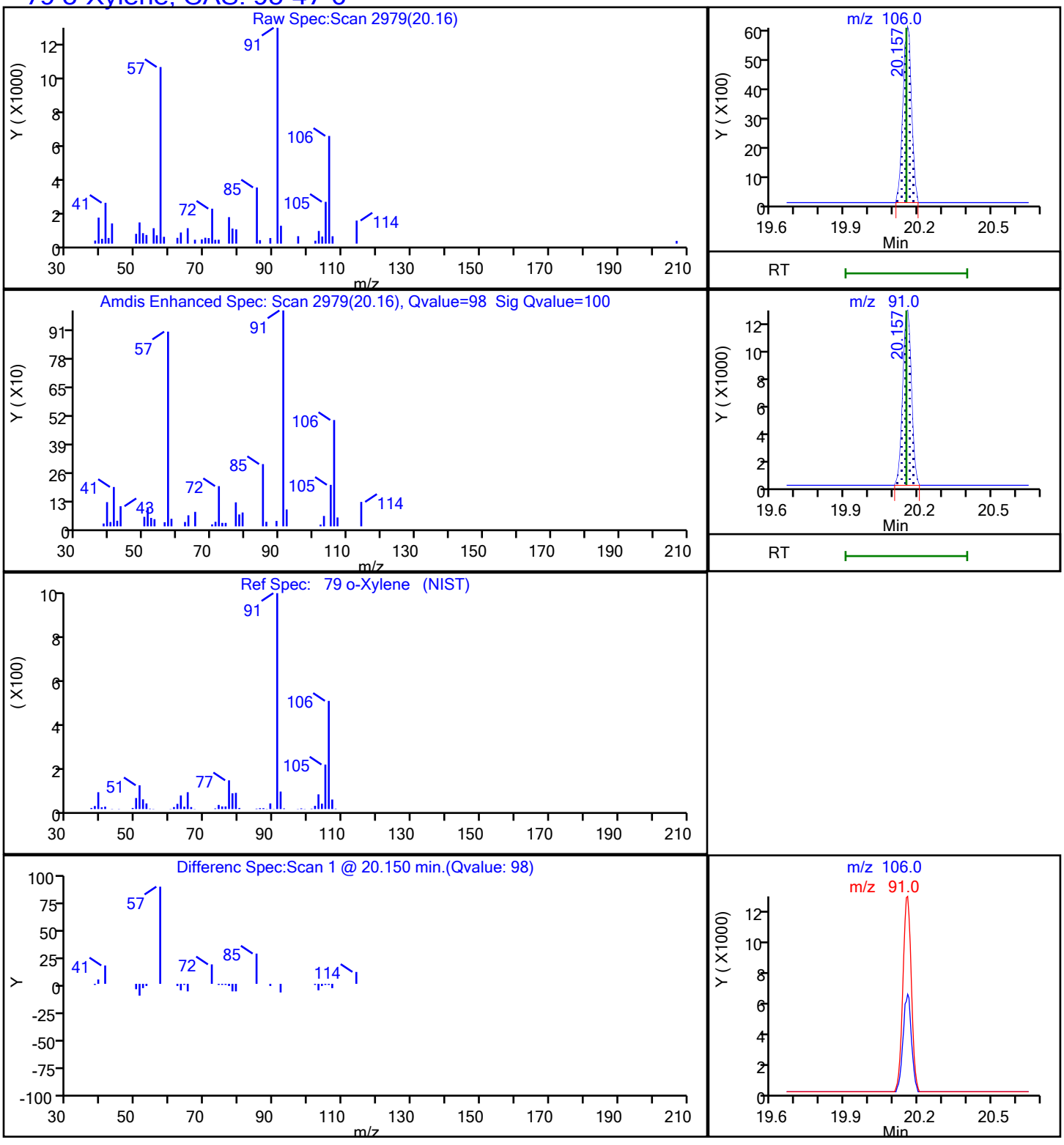
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

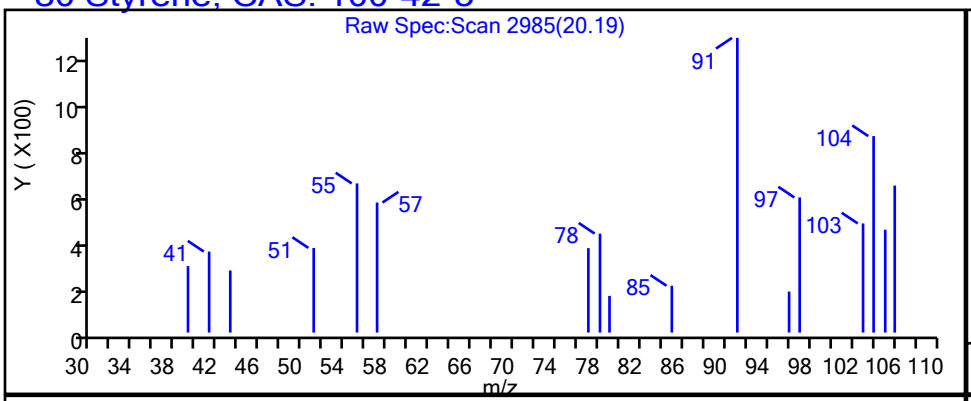
79 o-Xylene, CAS: 95-47-6

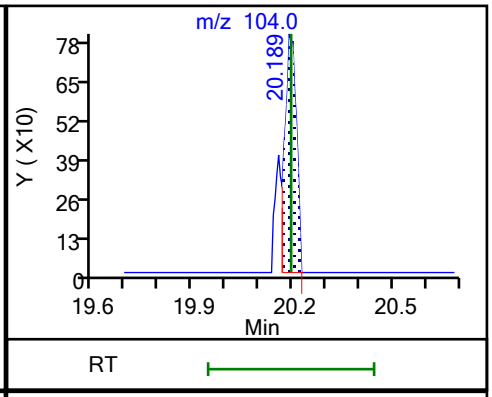


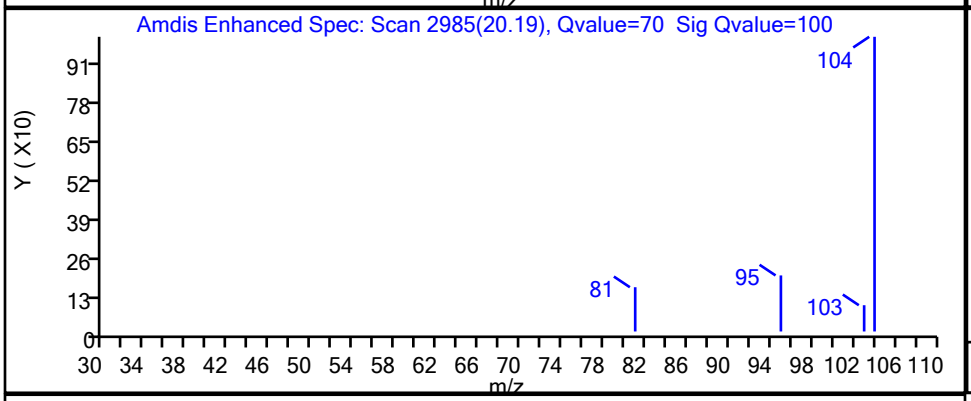
Eurofins TestAmerica, Burlington

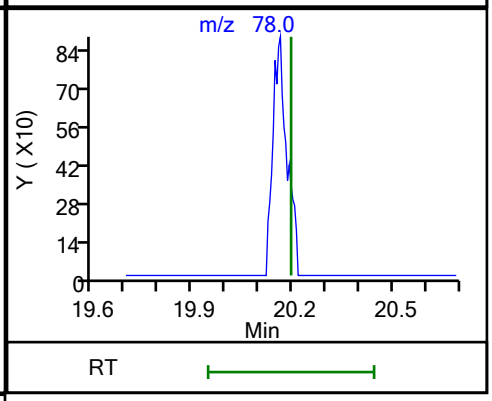
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

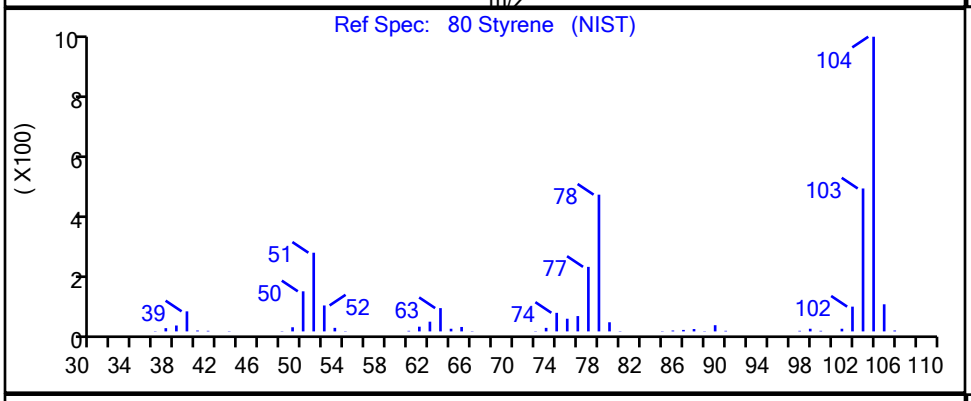
80 Styrene, CAS: 100-42-5

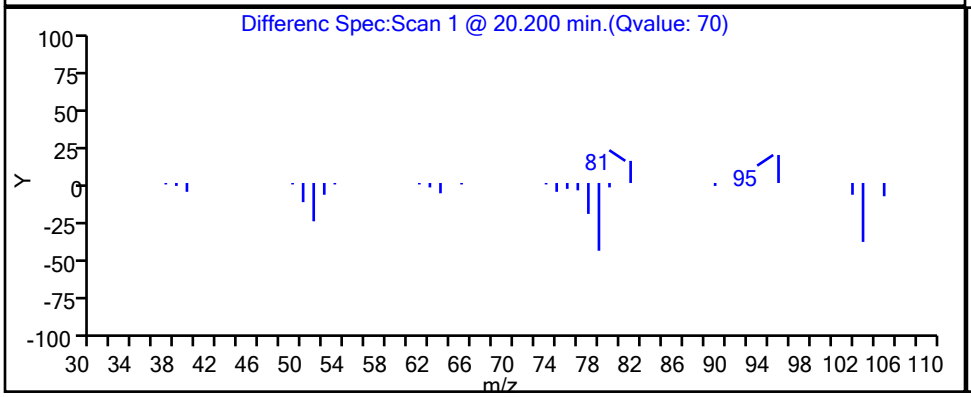


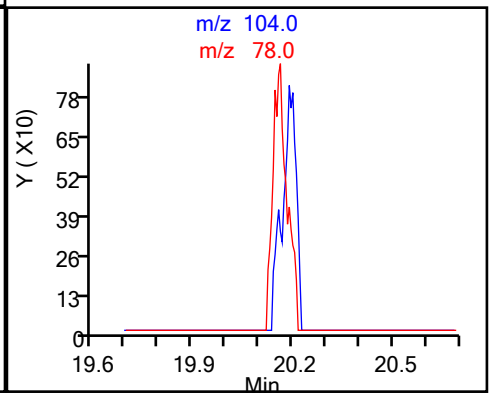








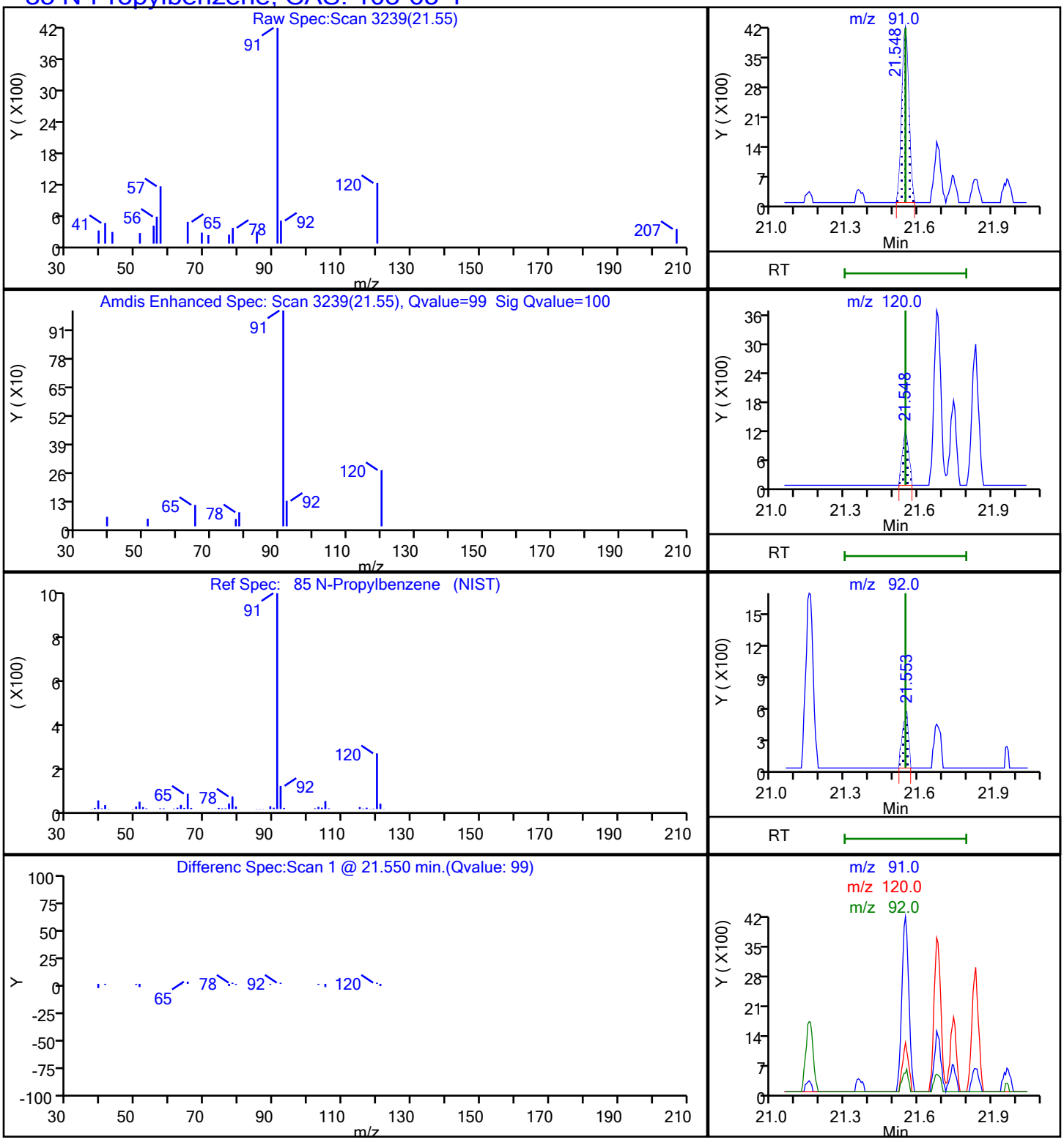




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

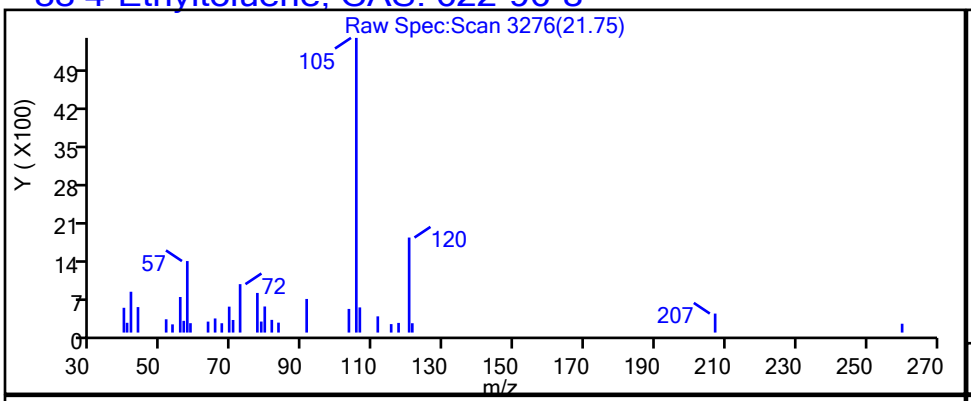
85 N-Propylbenzene, CAS: 103-65-1

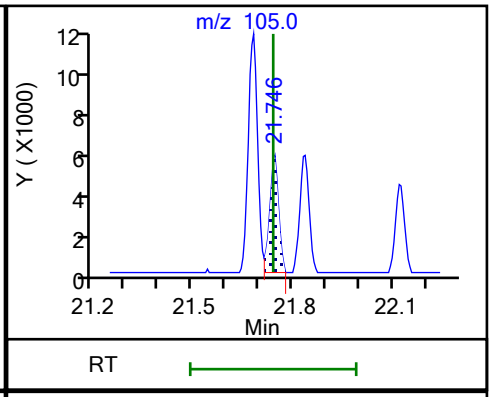


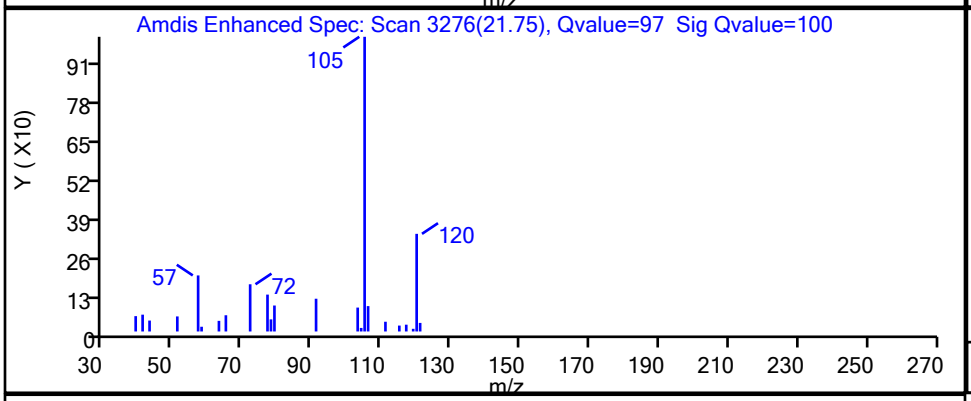
Eurofins TestAmerica, Burlington

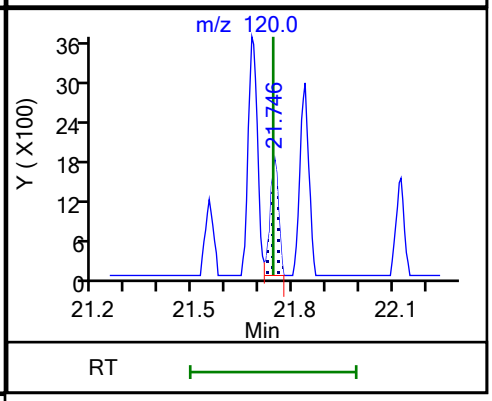
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

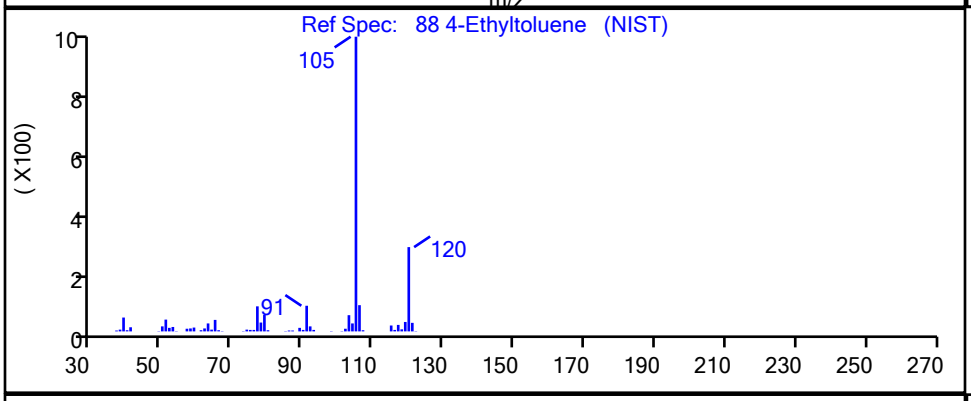
88 4-Ethyltoluene, CAS: 622-96-8

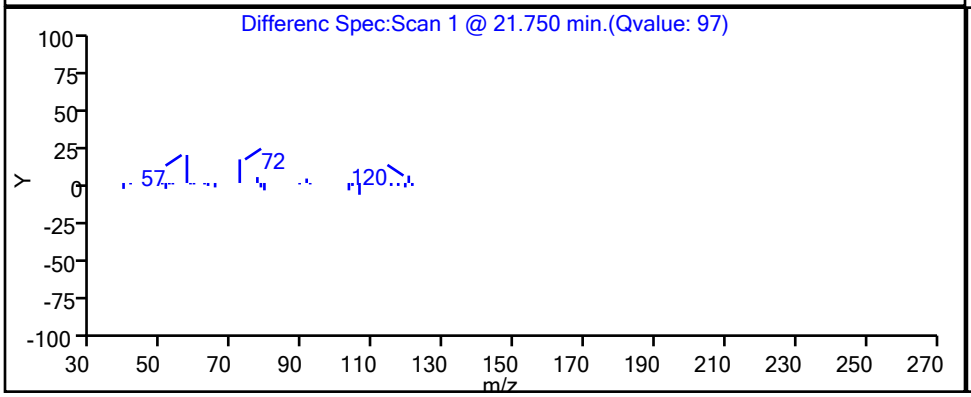


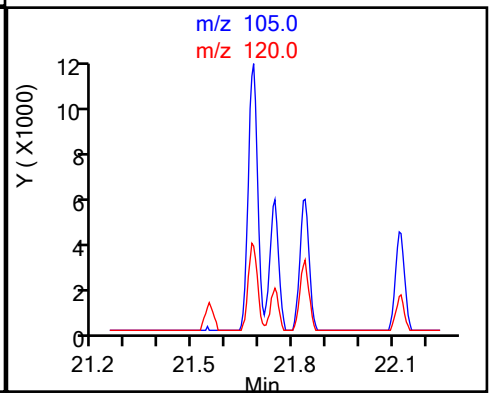










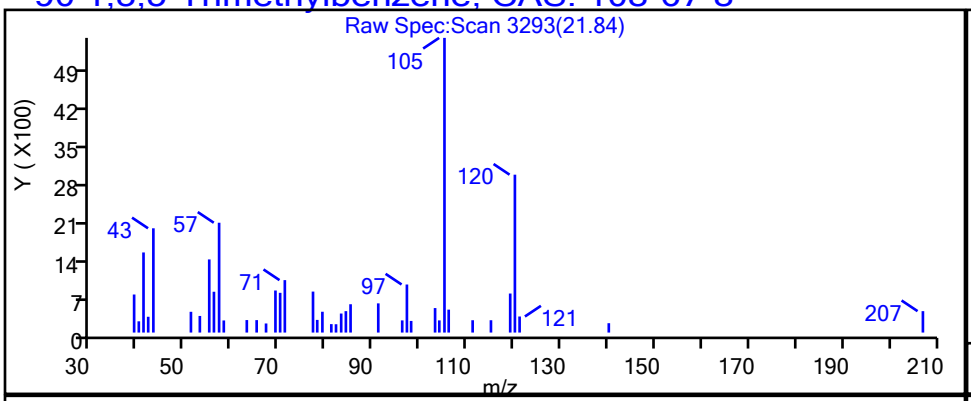


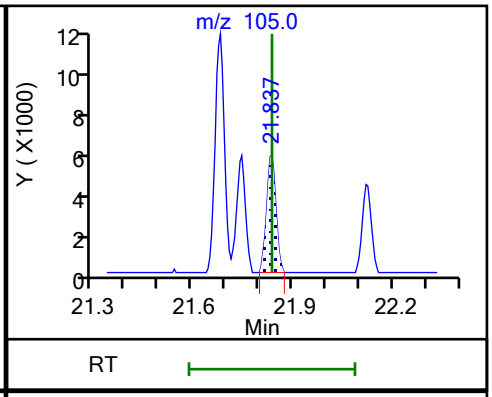
Report Date: 03-May-2021 11:53:13 Chrom Revision: 2.3 08-Apr-2021 17:17:48

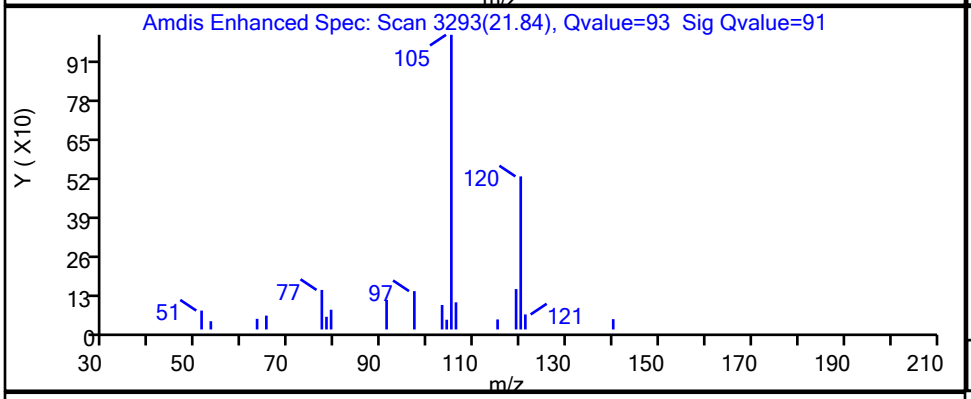
Eurofins TestAmerica, Burlington

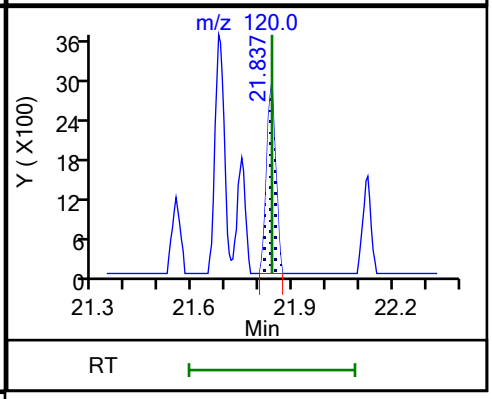
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

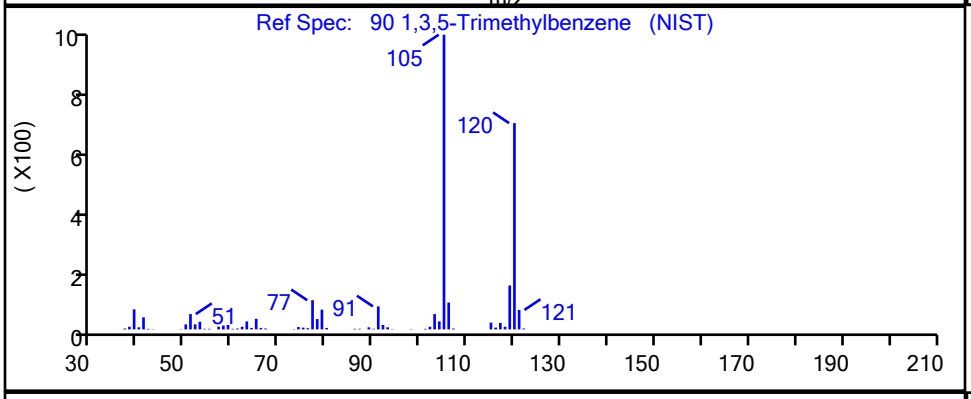
90 1,3,5-Trimethylbenzene, CAS: 108-67-8

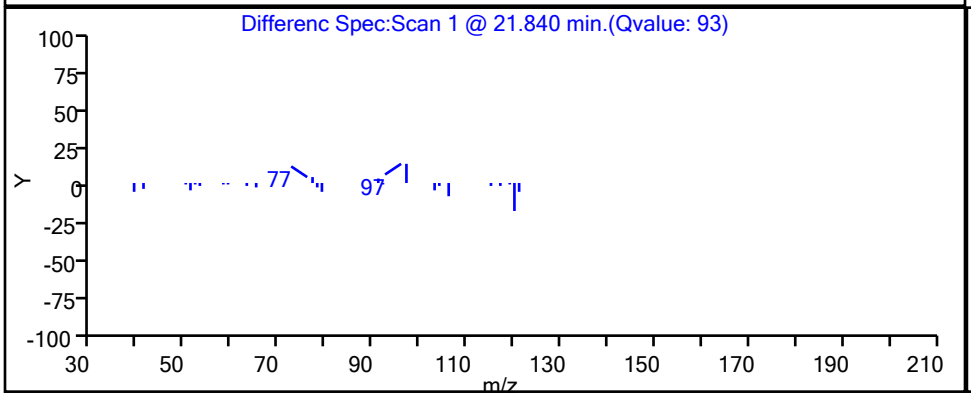


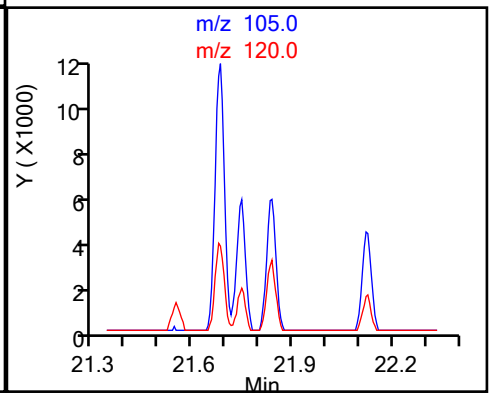










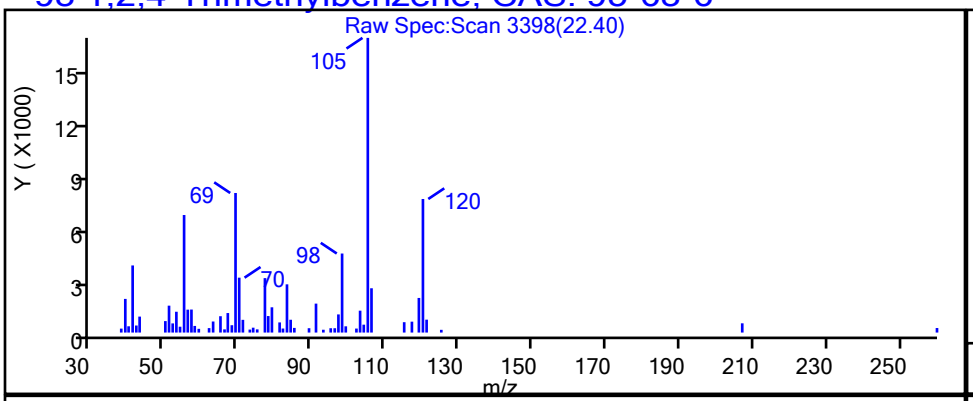


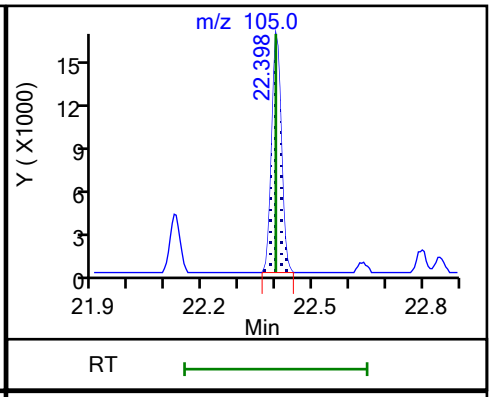
Report Date: 03-May-2021 11:53:13 Chrom Revision: 2.3 08-Apr-2021 17:17:48

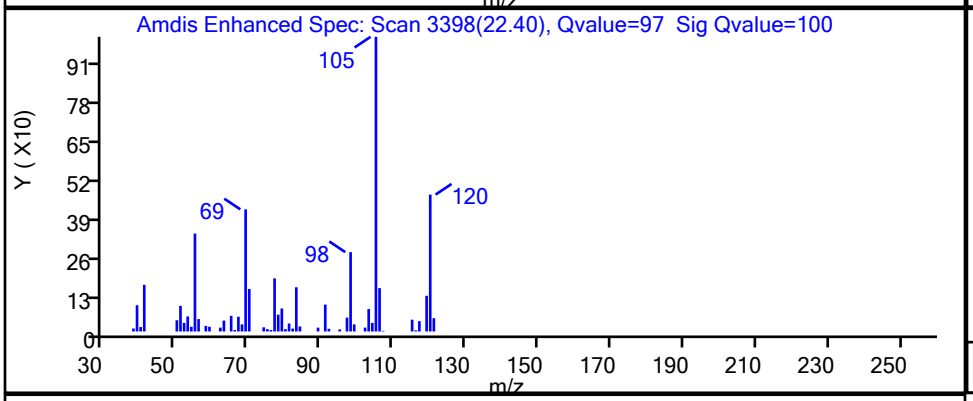
Eurofins TestAmerica, Burlington

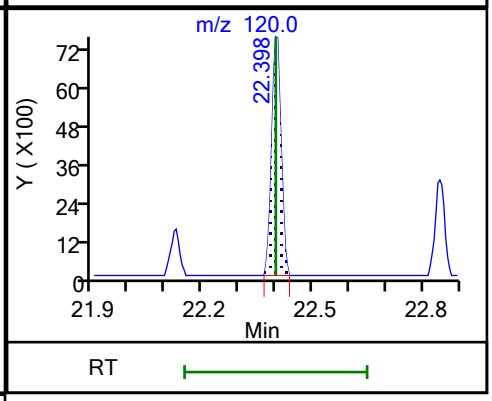
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

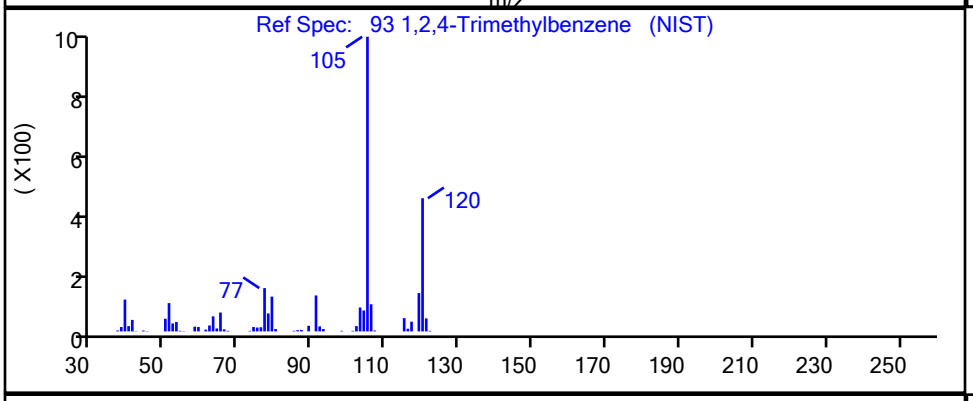
93 1,2,4-Trimethylbenzene, CAS: 95-63-6

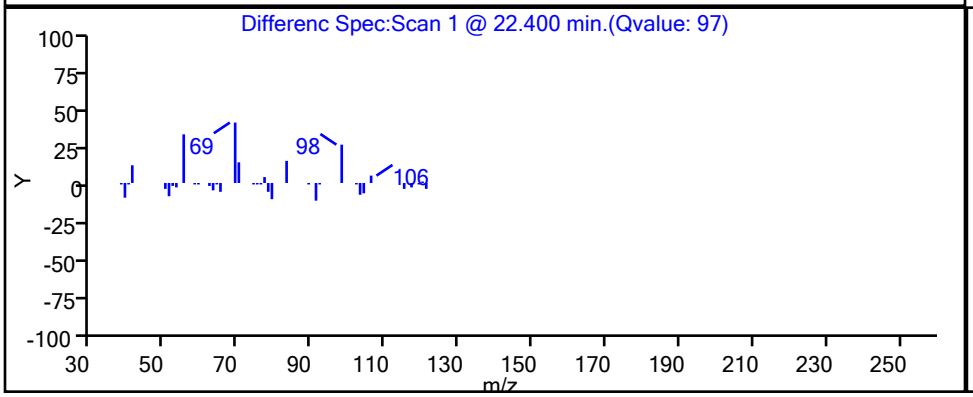


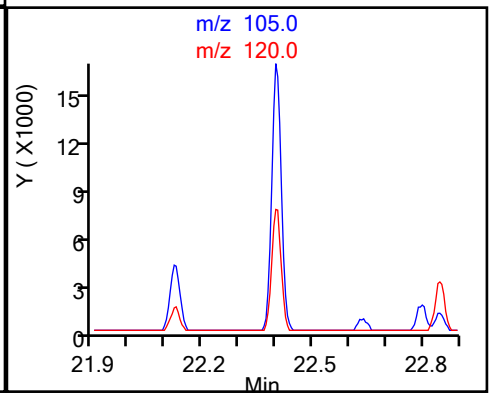








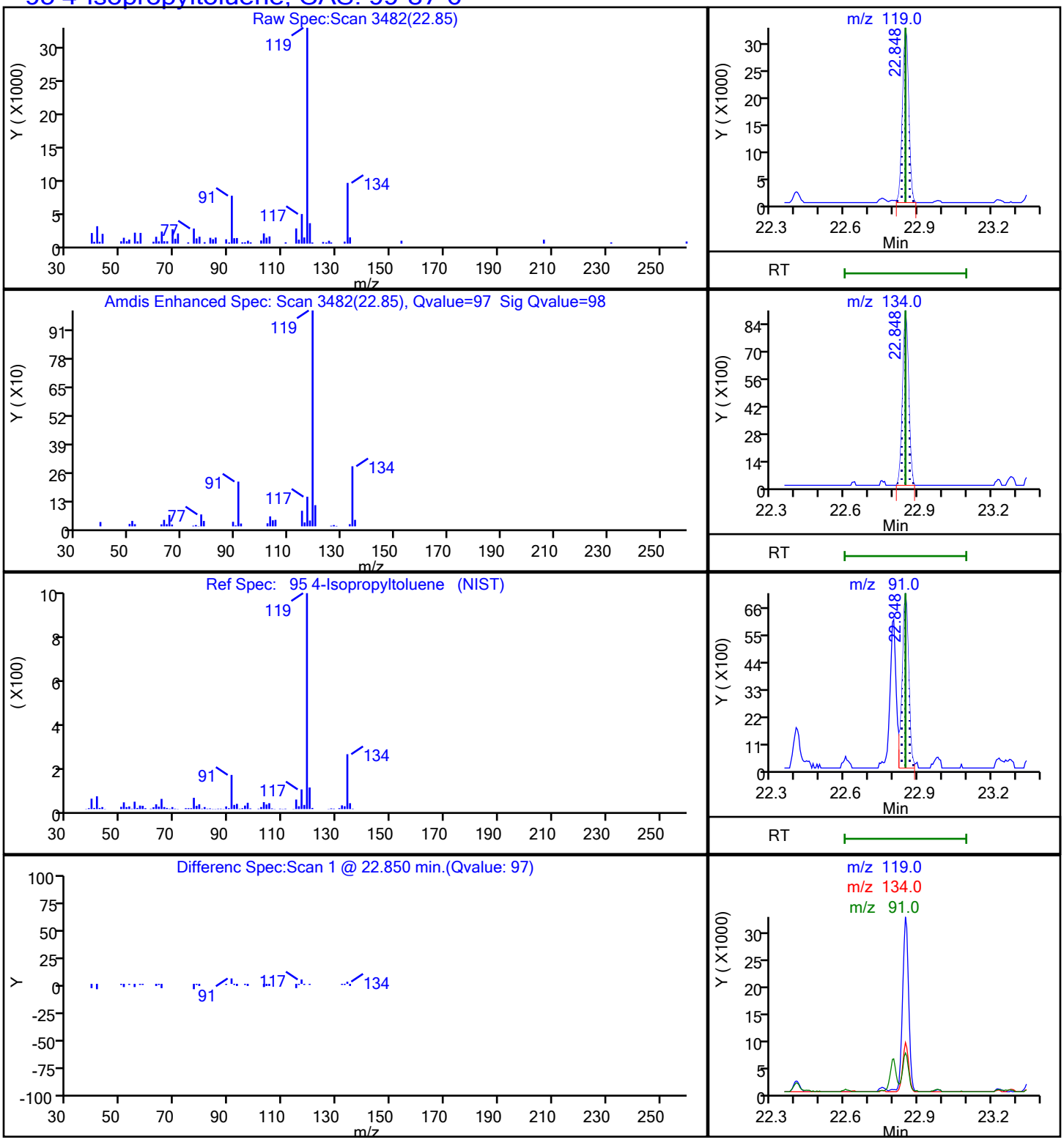




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 4-Isopropyltoluene, CAS: 99-87-6



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

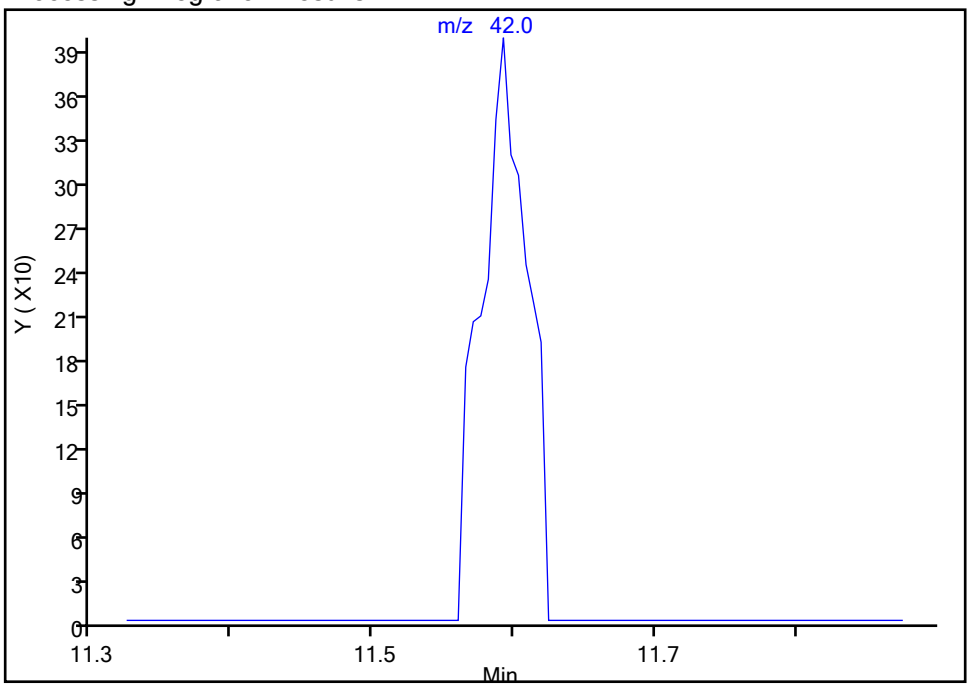
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

41 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

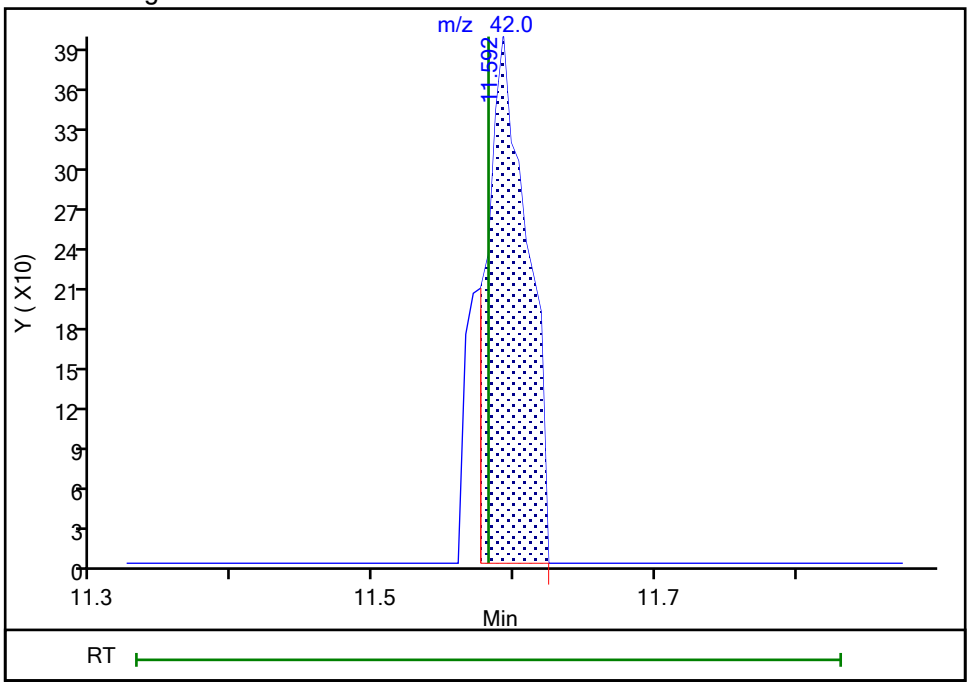
Processing Integration Results

Not Detected
Expected RT: 11.58



Manual Integration Results

RT: 11.59
Area: 787
Amount: 0.116463
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:47:48
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

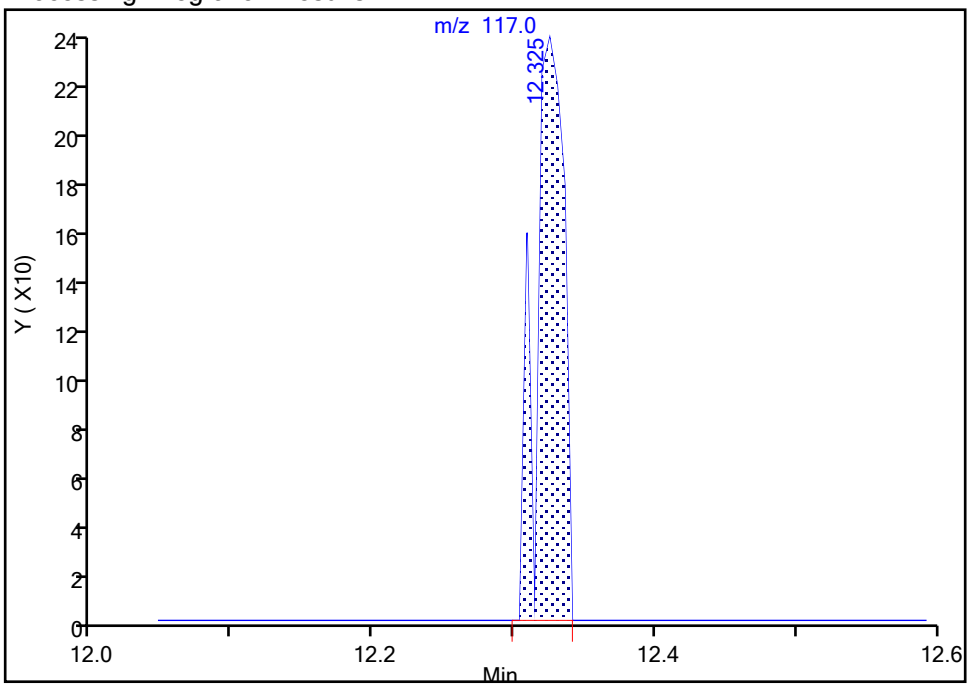
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

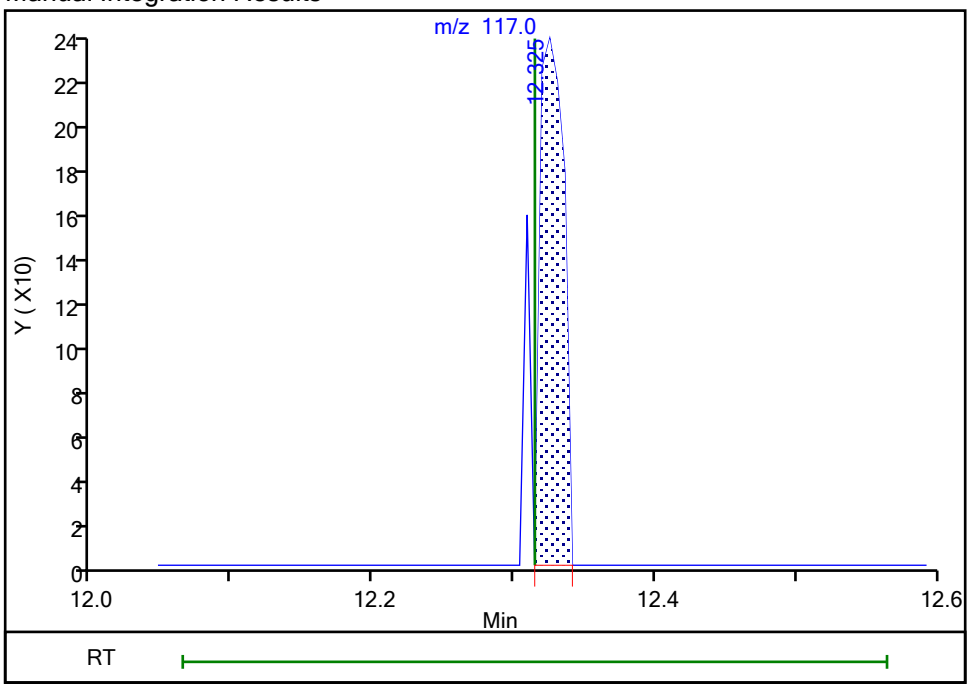
Processing Integration Results

RT: 12.32
Area: 320
Amount: 0.019332
Amount Units: ppb v/v



Manual Integration Results

RT: 12.32
Area: 270
Amount: 0.016311
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:49:07

Audit Action: Manually Integrated Audit Reason: Assign Peak

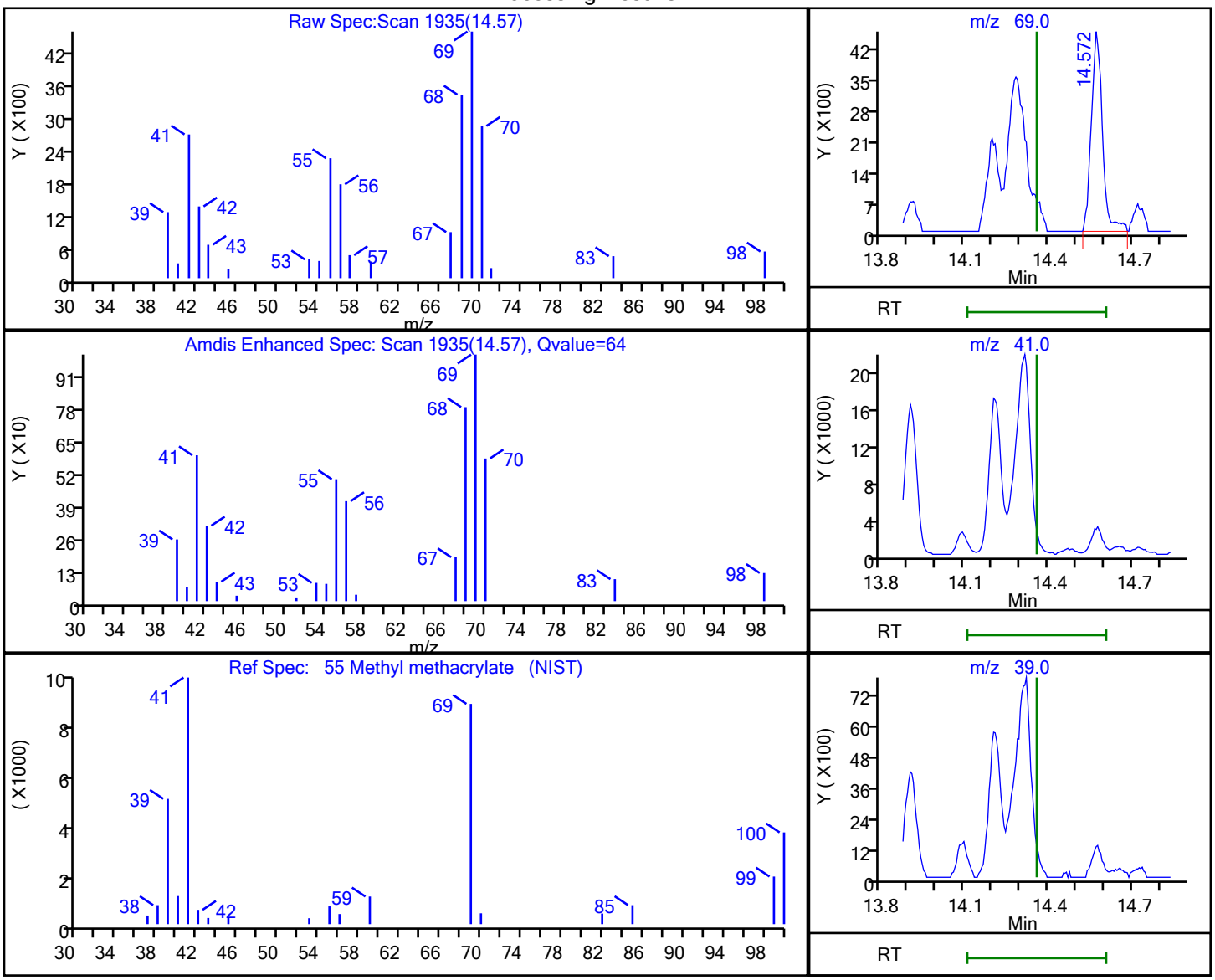
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

55 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
14.57	69.00	12511	1.616437
14.36	41.00	0	
14.36	39.00	0	

Reviewer: bunmaa, 03-May-2021 11:50:03

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Burlington

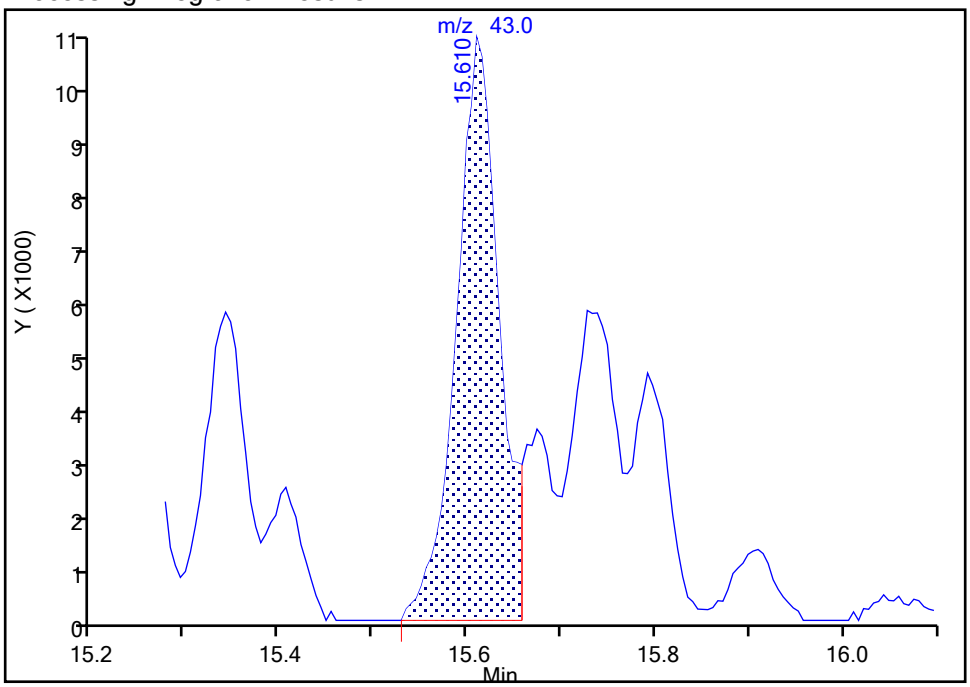
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

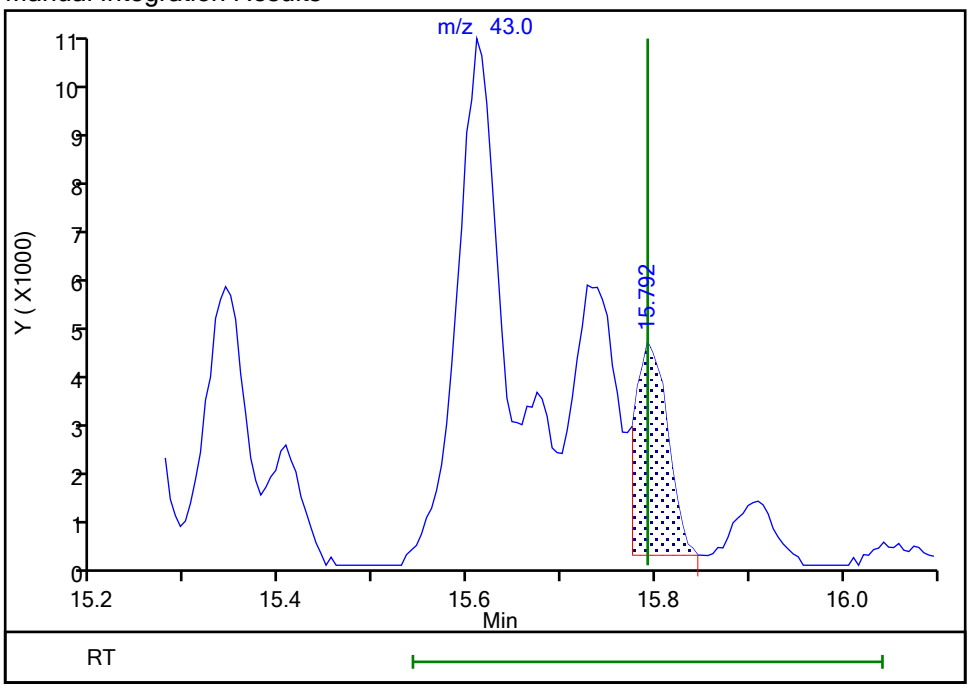
Processing Integration Results

RT: 15.61
Area: 33911
Amount: 2.398940
Amount Units: ppb v/v



Manual Integration Results

RT: 15.79
Area: 10214
Amount: 0.722561
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:50:26
Audit Action: Manually Integrated Audit Reason: Assign Peak

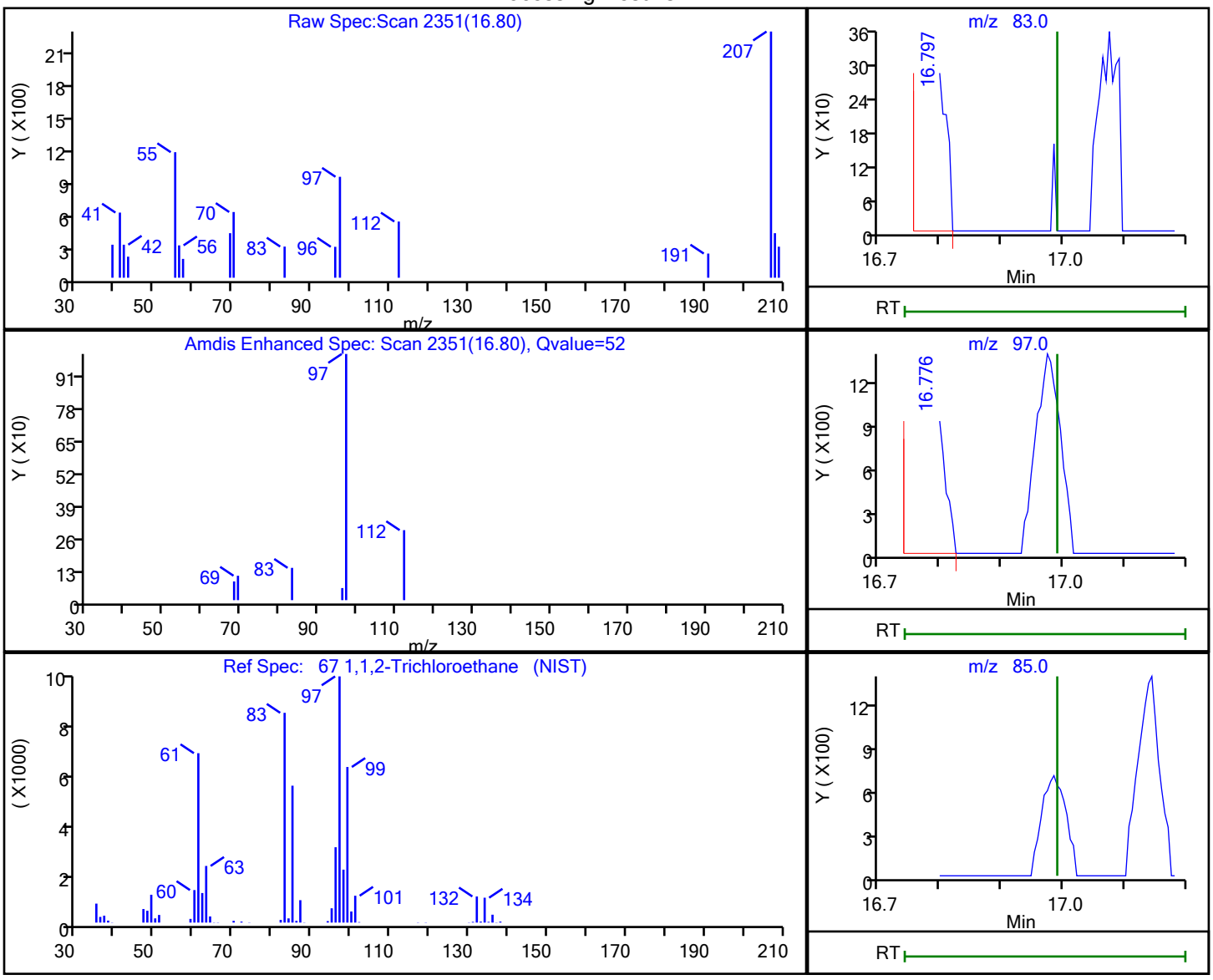
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
16.80	83.00	748	0.103362
16.78	97.00	3808	
16.99	85.00	0	

Reviewer: bunmaa, 03-May-2021 11:50:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

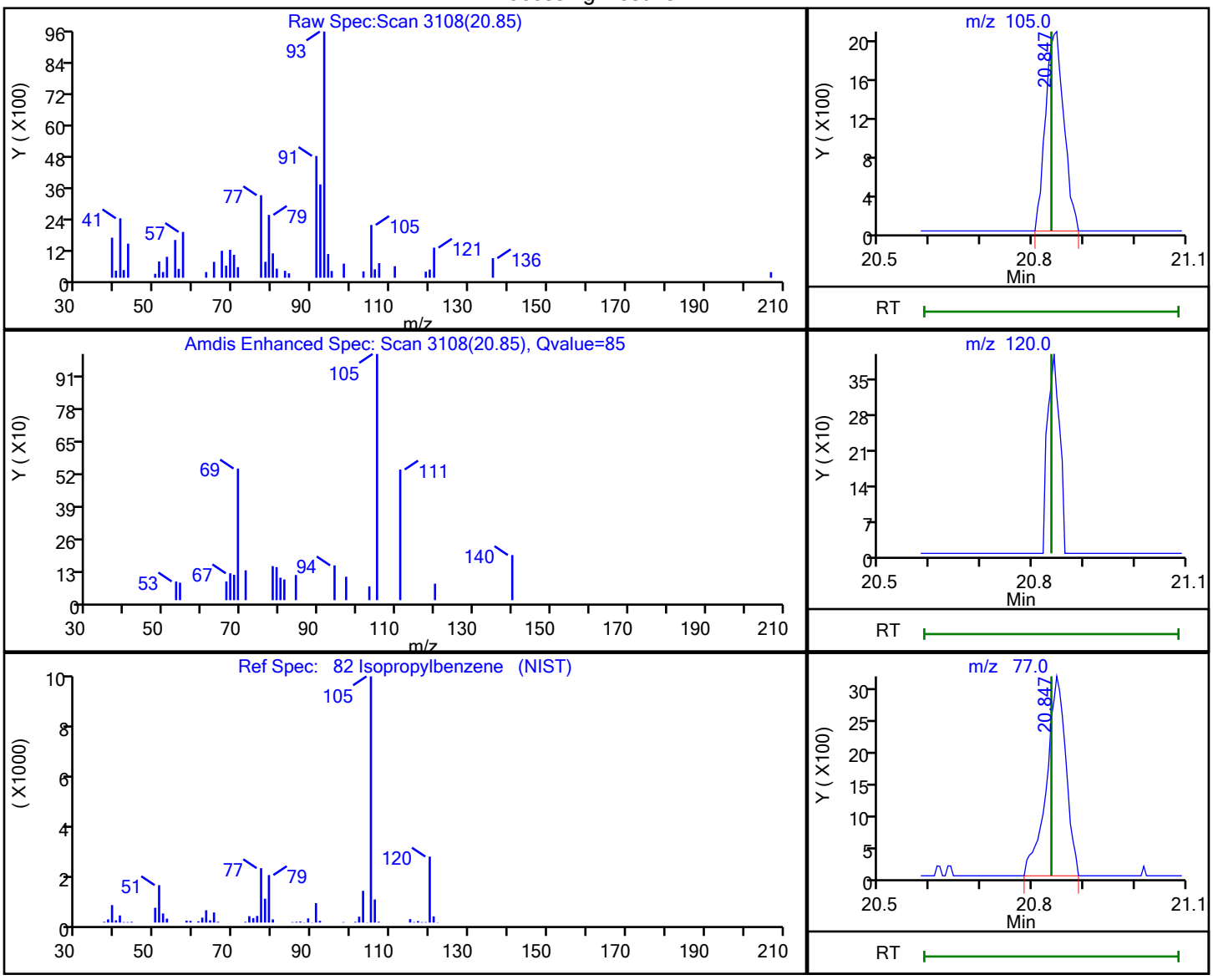
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
20.85	105.00	5118	0.154619
20.84	120.00	0	
20.85	77.00	8422	

Reviewer: bunmaa, 03-May-2021 11:51:37

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

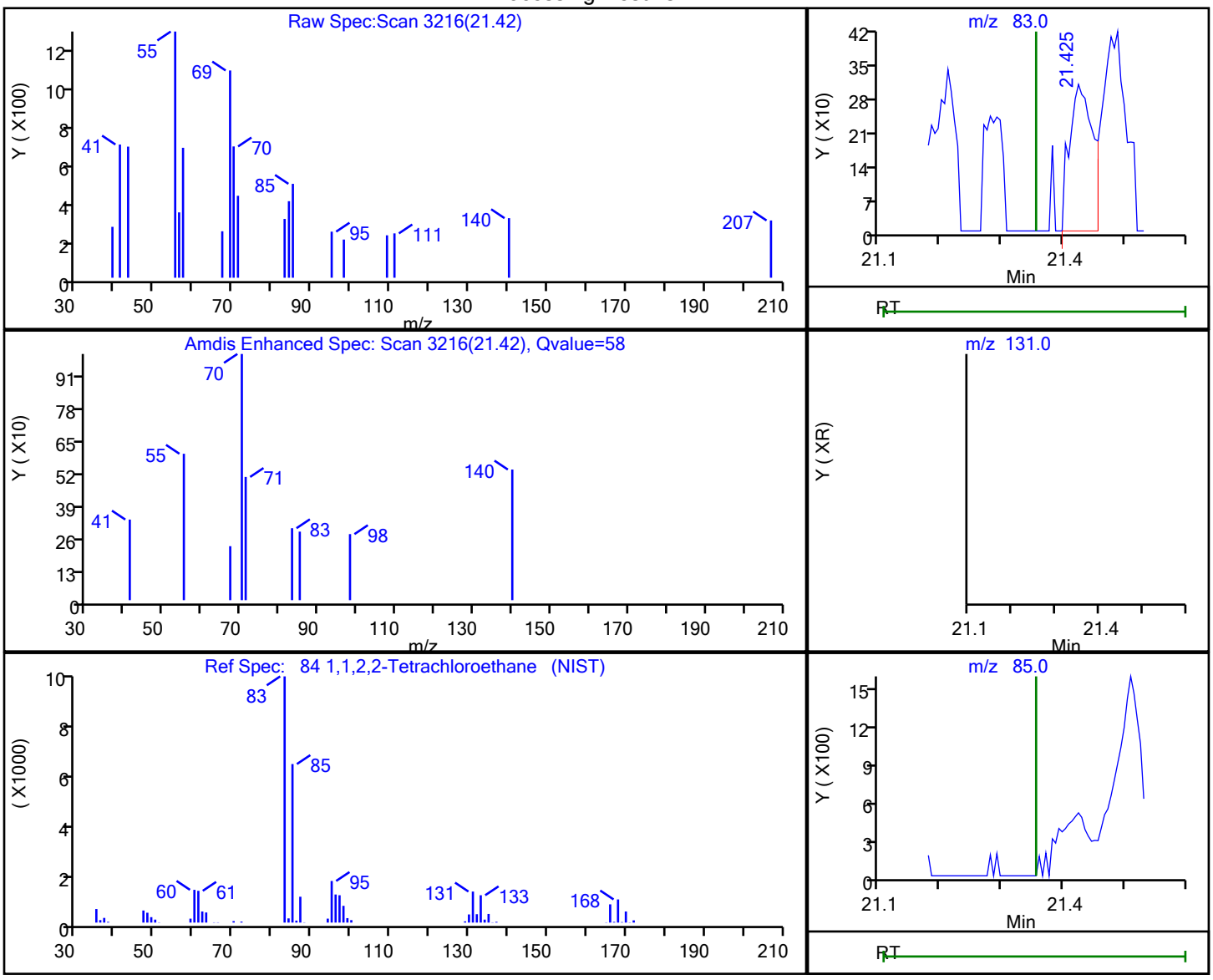
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

84 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
21.42	83.00	809	0.051456
21.36	131.00	0	
21.36	85.00	0	

Reviewer: bunmaa, 03-May-2021 11:51:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

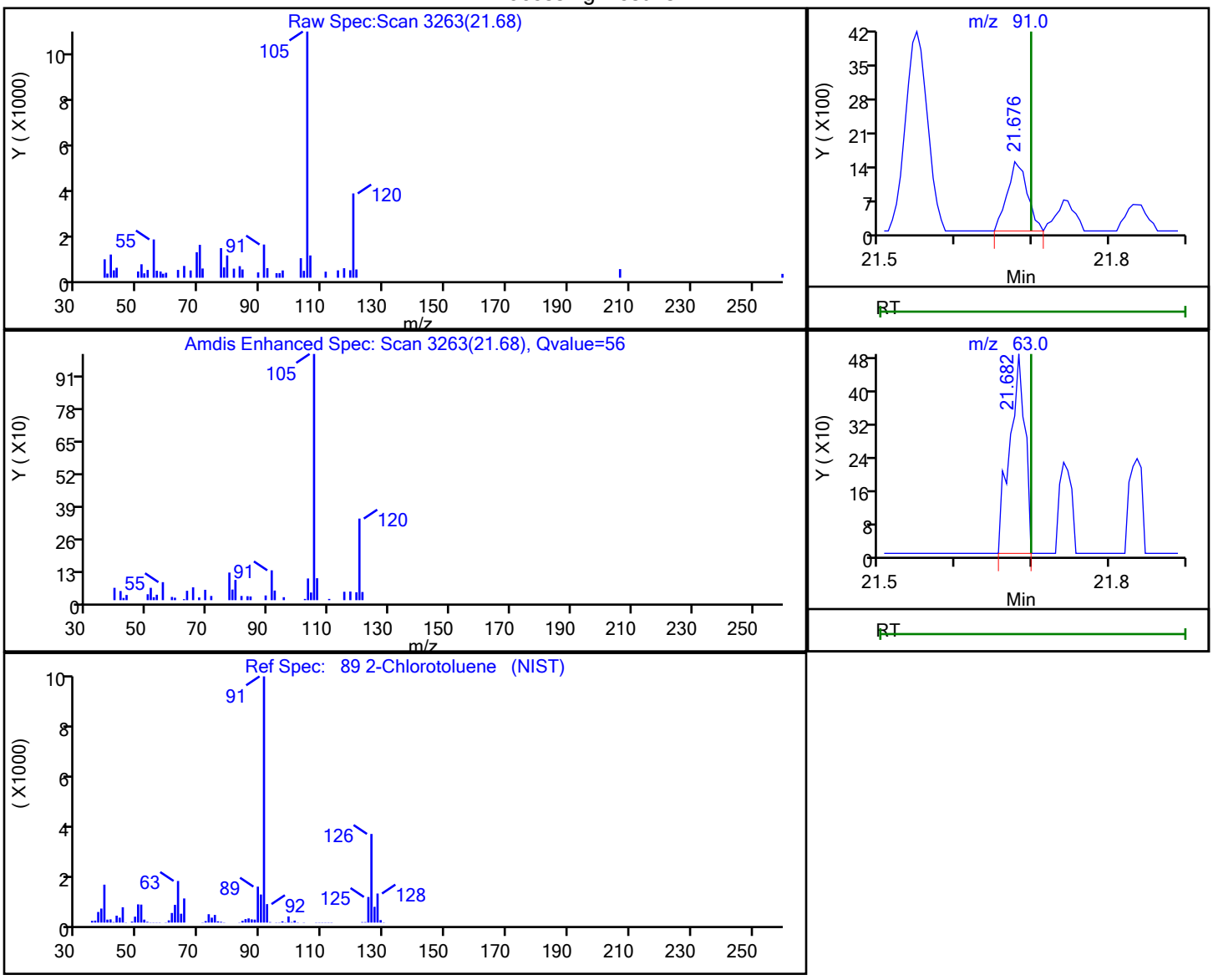
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

89 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
21.68	91.00	2598	0.118118
21.68	63.00	673	

Reviewer: bunmaa, 03-May-2021 11:51:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

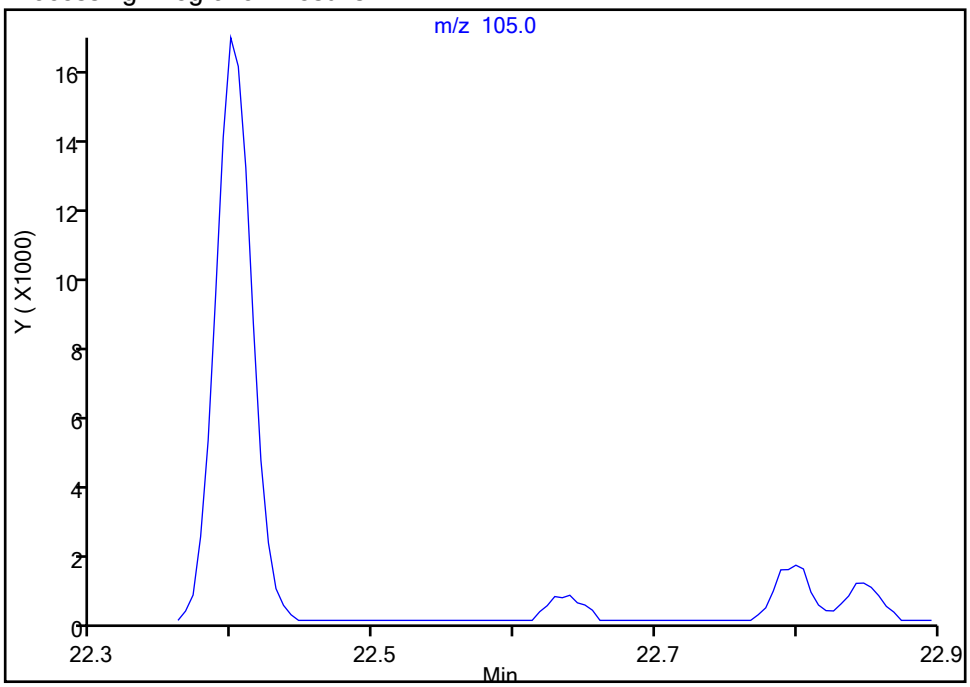
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

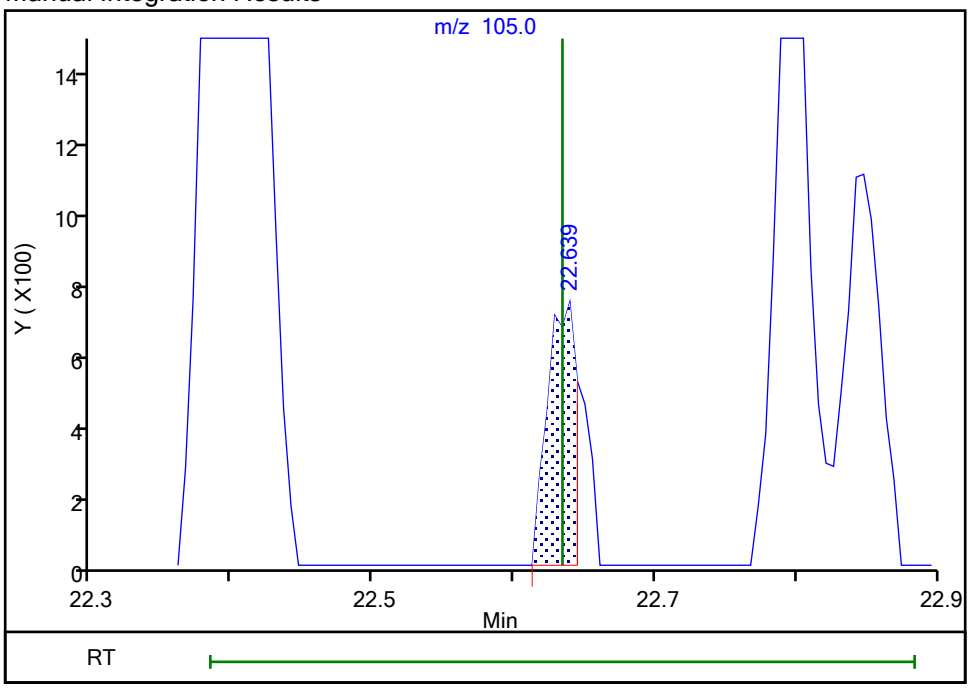
Not Detected
Expected RT: 22.63

Processing Integration Results



Manual Integration Results

RT: 22.64
Area: 1038
Amount: 0.025787
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:52:24
Audit Action: Manually Integrated Audit Reason: Assign Peak

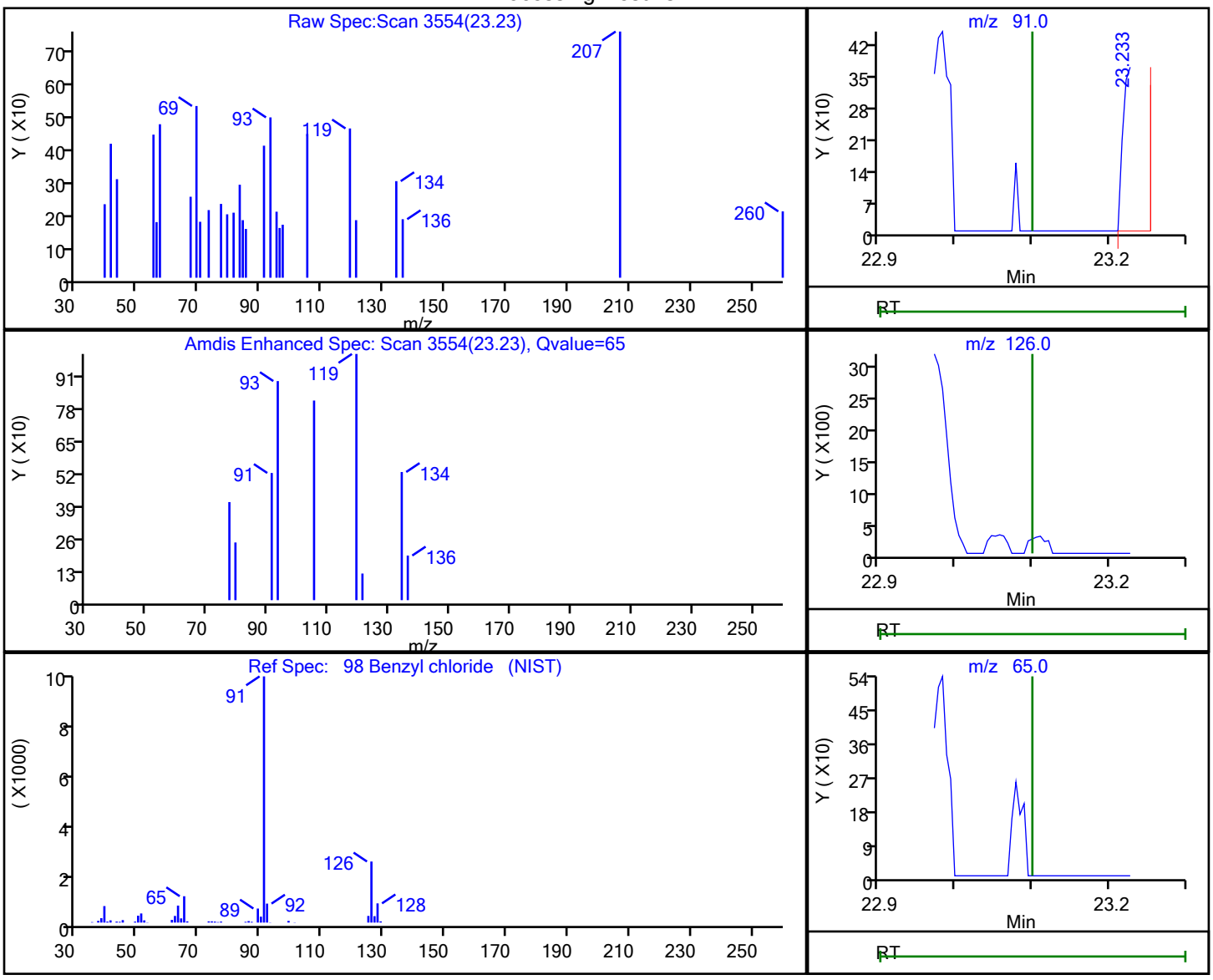
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
23.23	91.00	779	0.062248
23.10	126.00	0	
23.10	65.00	0	

Reviewer: bunmaa, 03-May-2021 11:52:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

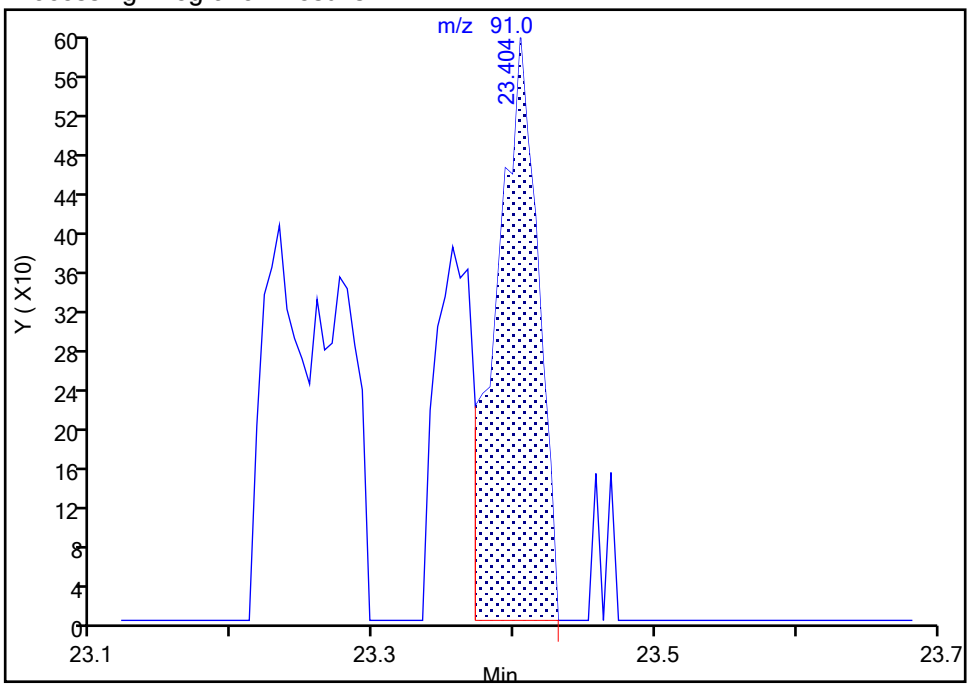
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

100 n-Butylbenzene, CAS: 104-51-8

Signal: 1

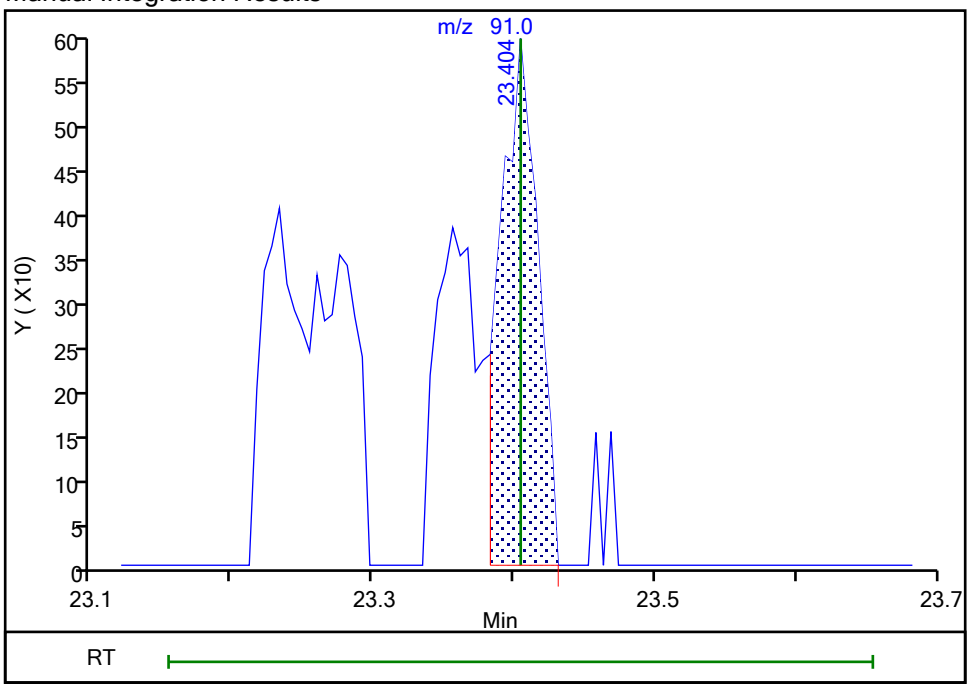
Processing Integration Results

RT: 23.40
Area: 1254
Amount: 0.058519
Amount Units: ppb v/v



Manual Integration Results

RT: 23.40
Area: 1109
Amount: 0.051752
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 11:52:53

Audit Action: Manually Integrated Audit Reason: Assign Peak

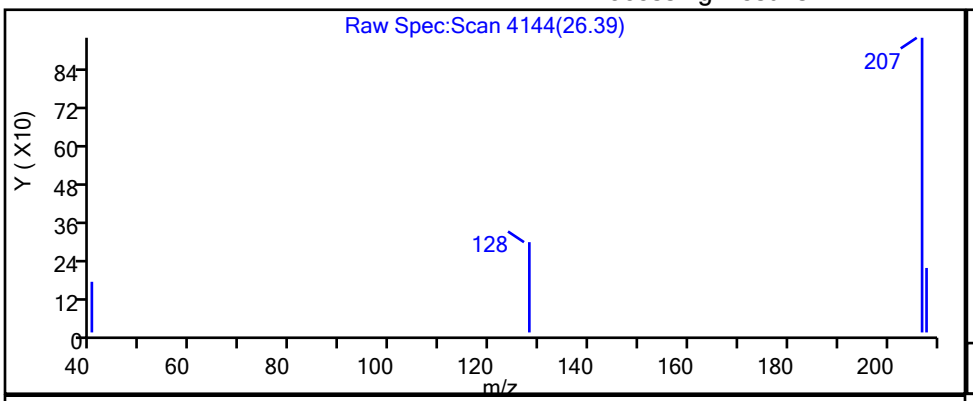
User Disabled Compound Report

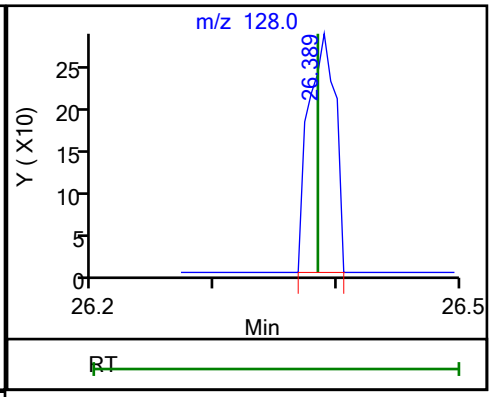
Eurofins TestAmerica, Burlington

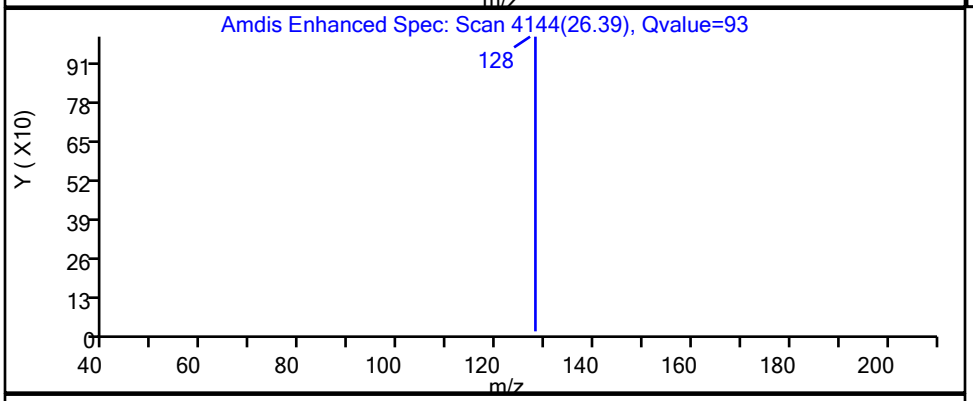
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-22.D				
Injection Date:	01-May-2021 02:16:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

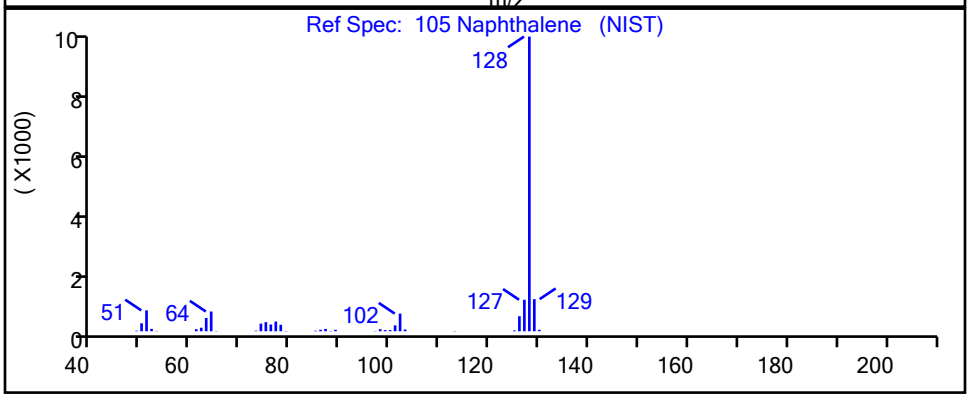
105 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
26.39	128.00	437	0.038054

Reviewer: bunmaa, 03-May-2021 11:53:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-02_20210428 DL Lab Sample ID: 200-58258-3 DL

Matrix: Air Lab File ID: 200-45799-010.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:45

Sample wt/vol: 20(mL) Date Analyzed: 05/03/2021 15:31

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	25	U	25	5.4
75-45-6	Chlorodifluoromethane	86.47	18	U	18	3.9
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	14	U	14	3.8
74-87-3	Chloromethane	50.49	10	U	10	2.5
106-97-8	n-Butane	58.12	5.7	J D	12	4.5
75-01-4	Vinyl chloride	62.50	2.0	U	2.0	0.72
106-99-0	1,3-Butadiene	54.09	4.4	U	4.4	0.84
74-83-9	Bromomethane	94.94	7.8	U	7.8	2.0
75-00-3	Chloroethane	64.52	13	U	13	6.6
593-60-2	Bromoethene(Vinyl Bromide)	106.96	8.7	U	8.7	3.7
75-69-4	Trichlorofluoromethane	137.37	11	U	11	2.9
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	15	U	15	4.2
75-35-4	1,1-Dichloroethene	96.94	2.0	U	2.0	1.1
67-64-1	Acetone	58.08	350	D	120	48
67-63-0	Isopropyl alcohol	60.10	120	U	120	24
75-15-0	Carbon disulfide	76.14	16	U	16	4.0
107-05-1	3-Chloropropene	76.53	16	U	16	3.4
75-09-2	Methylene Chloride	84.93	17	U	17	5.9
75-65-0	tert-Butyl alcohol	74.12	150	U	150	36
1634-04-4	Methyl tert-butyl ether	88.15	7.2	U	7.2	2.9
156-60-5	trans-1,2-Dichloroethene	96.94	7.9	U	7.9	3.5
110-54-3	n-Hexane	86.17	7.0	U	7.0	8.1
75-34-3	1,1-Dichloroethane	98.96	8.1	U	8.1	1.2
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	64	D	15	5.0
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U	2.0	1.3
67-66-3	Chloroform	119.38	9.8	U	9.8	2.2
109-99-9	Tetrahydrofuran	72.11	150	U	150	35
71-55-6	1,1,1-Trichloroethane	133.41	11	U	11	2.1
110-82-7	Cyclohexane	84.16	6.9	U	6.9	1.2
56-23-5	Carbon tetrachloride	153.81	2.2	U	2.2	2.0
540-84-1	2,2,4-Trimethylpentane	114.23	4.7	J D	9.3	1.6
71-43-2	Benzene	78.11	6.4	U	6.4	2.4
107-06-2	1,2-Dichloroethane	98.96	8.1	U	8.1	6.1

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-02_20210428 DL Lab Sample ID: 200-58258-3 DL

Matrix: Air Lab File ID: 200-45799-010.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:45

Sample wt/vol: 20(mL) Date Analyzed: 05/03/2021 15:31

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	250	D	8.2	2.4
79-01-6	Trichloroethene	131.39	2.0	U	2.0	1.3
80-62-6	Methyl methacrylate	100.12	20	U	20	6.6
78-87-5	1,2-Dichloropropane	112.99	9.2	U	9.2	4.0
123-91-1	1,4-Dioxane	88.11	180	U	180	61
75-27-4	Bromodichloromethane	163.83	13	U	13	2.7
10061-01-5	cis-1,3-Dichloropropene	110.97	9.1	U	9.1	0.91
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	20	U	20	7.8
108-88-3	Toluene	92.14	5.7	J D	7.5	3.5
10061-02-6	trans-1,3-Dichloropropene	110.97	9.1	U	9.1	4.0
79-00-5	1,1,2-Trichloroethane	133.41	11	U	11	1.9
127-18-4	Tetrachloroethene	165.83	14	U	14	1.8
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	38	D	20	8.2
124-48-1	Dibromochloromethane	208.28	17	U	17	2.6
106-93-4	1,2-Dibromoethane	187.87	15	U	15	3.5
108-90-7	Chlorobenzene	112.56	9.2	U	9.2	2.0
100-41-4	Ethylbenzene	106.17	8.7	U	8.7	4.3
179601-23-1	m,p-Xylene	106.17	22	U	22	7.4
95-47-6	o-Xylene	106.17	8.7	U	8.7	4.1
100-42-5	Styrene	104.15	8.5	U	8.5	1.4
75-25-2	Bromoform	252.75	21	U	21	6.0
98-82-8	Cumene	120.19	9.8	U	9.8	1.8
79-34-5	1,1,2,2-Tetrachloroethane	167.85	14	U	14	3.0
103-65-1	n-Propylbenzene	120.19	9.8	U	9.8	2.3
622-96-8	4-Ethyltoluene	120.20	9.8	U	9.8	2.5
108-67-8	1,3,5-Trimethylbenzene	120.20	9.8	U	9.8	2.2
95-49-8	2-Chlorotoluene	126.59	10	U	10	2.5
98-06-6	tert-Butylbenzene	134.22	11	U	11	2.0
95-63-6	1,2,4-Trimethylbenzene	120.20	9.8	U	9.8	2.3
135-98-8	sec-Butylbenzene	134.22	11	U	11	2.1
99-87-6	4-Isopropyltoluene	134.22	4.1	J D	11	2.1
541-73-1	1,3-Dichlorobenzene	147.00	12	U	12	5.4
106-46-7	1,4-Dichlorobenzene	147.00	12	U	12	5.7

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-02_20210428 DL Lab Sample ID: 200-58258-3 DL

Matrix: Air Lab File ID: 200-45799-010.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:45

Sample wt/vol: 20(mL) Date Analyzed: 05/03/2021 15:31

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	*Benzyl chloride*	*126.58*	*10*	*U*	*10*	*3.8*
104-51-8	*n-Butylbenzene*	*134.22*	*11*	*U*	*11*	*3.0*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*12*	*U*	*12*	*4.2*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*37*	*U*	*37*	*14*
87-68-3	*Hexachlorobutadiene*	*260.76*	*21*	*U*	*21*	*3.3*
91-20-3	*Naphthalene*	*128.17*	*26*	*U*	*26*	*8.9*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-02_20210428 DL Lab Sample ID: 200-58258-3 DL

Matrix: Air Lab File ID: 200-45799-010.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:45

Sample wt/vol: 20(mL) Date Analyzed: 05/03/2021 15:31

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	5.0	U	5.0	1.1
75-45-6	Chlorodifluoromethane	86.47	5.0	U	5.0	1.1
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.0	U	2.0	0.55
74-87-3	Chloromethane	50.49	5.0	U	5.0	1.2
106-97-8	n-Butane	58.12	2.4	J D	5.0	1.9
75-01-4	Vinyl chloride	62.50	0.78	U	0.78	0.28
106-99-0	1,3-Butadiene	54.09	2.0	U	2.0	0.38
74-83-9	Bromomethane	94.94	2.0	U	2.0	0.52
75-00-3	Chloroethane	64.52	5.0	U	5.0	2.5
593-60-2	Bromoethene(Vinyl Bromide)	106.96	2.0	U	2.0	0.85
75-69-4	Trichlorofluoromethane	137.37	2.0	U	2.0	0.52
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	2.0	U	2.0	0.55
75-35-4	1,1-Dichloroethene	96.94	0.50	U	0.50	0.29
67-64-1	Acetone	58.08	150	D	50	20
67-63-0	Isopropyl alcohol	60.10	50	U	50	9.8
75-15-0	Carbon disulfide	76.14	5.0	U	5.0	1.3
107-05-1	3-Chloropropene	76.53	5.0	U	5.0	1.1
75-09-2	Methylene Chloride	84.93	5.0	U	5.0	1.7
75-65-0	tert-Butyl alcohol	74.12	50	U	50	12
1634-04-4	Methyl tert-butyl ether	88.15	2.0	U	2.0	0.80
156-60-5	trans-1,2-Dichloroethene	96.94	2.0	U	2.0	0.88
110-54-3	n-Hexane	86.17	2.0	U	2.0	2.3
75-34-3	1,1-Dichloroethane	98.96	2.0	U	2.0	0.29
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	22	D	5.0	1.7
156-59-2	cis-1,2-Dichloroethene	96.94	0.50	U	0.50	0.33
67-66-3	Chloroform	119.38	2.0	U	2.0	0.46
109-99-9	Tetrahydrofuran	72.11	50	U	50	12
71-55-6	1,1,1-Trichloroethane	133.41	2.0	U	2.0	0.39
110-82-7	Cyclohexane	84.16	2.0	U	2.0	0.35
56-23-5	Carbon tetrachloride	153.81	0.35	U	0.35	0.32
540-84-1	2,2,4-Trimethylpentane	114.23	1.0	J D	2.0	0.35
71-43-2	Benzene	78.11	2.0	U	2.0	0.74
107-06-2	1,2-Dichloroethane	98.96	2.0	U	2.0	1.5

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-02_20210428 DL Lab Sample ID: 200-58258-3 DL

Matrix: Air Lab File ID: 200-45799-010.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:45

Sample wt/vol: 20(mL) Date Analyzed: 05/03/2021 15:31

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	61	D	2.0	0.59
79-01-6	Trichloroethene	131.39	0.37	U	0.37	0.24
80-62-6	Methyl methacrylate	100.12	5.0	U	5.0	1.6
78-87-5	1,2-Dichloropropane	112.99	2.0	U	2.0	0.87
123-91-1	1,4-Dioxane	88.11	50	U	50	17
75-27-4	Bromodichloromethane	163.83	2.0	U	2.0	0.40
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U	2.0	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	5.0	U	5.0	1.9
108-88-3	Toluene	92.14	1.5	J D	2.0	0.93
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U	2.0	0.89
79-00-5	1,1,2-Trichloroethane	133.41	2.0	U	2.0	0.34
127-18-4	Tetrachloroethene	165.83	2.0	U	2.0	0.27
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.2	D	5.0	2.0
124-48-1	Dibromochloromethane	208.28	2.0	U	2.0	0.31
106-93-4	1,2-Dibromoethane	187.87	2.0	U	2.0	0.46
108-90-7	Chlorobenzene	112.56	2.0	U	2.0	0.43
100-41-4	Ethylbenzene	106.17	2.0	U	2.0	1.0
179601-23-1	m,p-Xylene	106.17	5.0	U	5.0	1.7
95-47-6	o-Xylene	106.17	2.0	U	2.0	0.94
100-42-5	Styrene	104.15	2.0	U	2.0	0.32
75-25-2	Bromoform	252.75	2.0	U	2.0	0.58
98-82-8	Cumene	120.19	2.0	U	2.0	0.37
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.0	U	2.0	0.43
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.47
622-96-8	4-Ethyltoluene	120.20	2.0	U	2.0	0.51
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0	U	2.0	0.44
95-49-8	2-Chlorotoluene	126.59	2.0	U	2.0	0.48
98-06-6	tert-Butylbenzene	134.22	2.0	U	2.0	0.37
95-63-6	1,2,4-Trimethylbenzene	120.20	2.0	U	2.0	0.47
135-98-8	sec-Butylbenzene	134.22	2.0	U	2.0	0.39
99-87-6	4-Isopropyltoluene	134.22	0.74	J D	2.0	0.39
541-73-1	1,3-Dichlorobenzene	147.00	2.0	U	2.0	0.89
106-46-7	1,4-Dichlorobenzene	147.00	2.0	U	2.0	0.95

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-02_20210428 DL Lab Sample ID: 200-58258-3 DL

Matrix: Air Lab File ID: 200-45799-010.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:45

Sample wt/vol: 20(mL) Date Analyzed: 05/03/2021 15:31

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	*Benzyl chloride*	*126.58*	*2.0*	*U*	*2.0*	*0.74*
104-51-8	*n-Butylbenzene*	*134.22*	*2.0*	*U*	*2.0*	*0.55*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*2.0*	*U*	*2.0*	*0.70*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*5.0*	*U*	*5.0*	*1.9*
87-68-3	*Hexachlorobutadiene*	*260.76*	*2.0*	*U*	*2.0*	*0.31*
91-20-3	*Naphthalene*	*128.17*	*5.0*	*U*	*5.0*	*1.7*

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D
Lims ID: 200-58258-A-3
Client ID: SV-02_20210428
Sample Type: Client
Inject. Date: 03-May-2021 15:31:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Sample Info: 200-0045799-010
Misc. Info.: 58258-3dl
Operator ID: ggg Instrument ID: CHG.i

Method: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 04-May-2021 09:04:54 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1665

First Level Reviewer: bunmaa Date: 04-May-2021 09:04:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.091	3.091	0.000	1	958	0.0354	
3 Chlorodifluoromethane	51		3.107				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.300				ND	U
5 Chloromethane	50		3.369				ND	U
7 Vinyl chloride	62		3.557				ND	
6 Butane	43	3.573	3.567	0.006	87	2104	0.2409	
8 Butadiene	54		3.632				ND	U
10 Bromomethane	94		4.086				ND	
11 Chloroethane	64		4.273				ND	
13 Vinyl bromide	106		4.584				ND	
14 Trichlorofluoromethane	101		4.718				ND	7
21 1,1-Dichloroethene	96		5.568				ND	
22 Acetone	43	5.590	5.590	0.011	100	120105	14.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.611				ND	
24 Isopropyl alcohol	45	5.852	5.846	0.032	42	1255	0.1303	
23 Carbon disulfide	76		5.943				ND	7
25 3-Chloro-1-propene	41		6.157				ND	7
27 Methylene Chloride	49		6.360				ND	7
28 2-Methyl-2-propanol	59	6.579	6.524	0.059	15	1290	0.1083	
31 trans-1,2-Dichloroethene	61		6.857				ND	
29 Methyl tert-butyl ether	73		6.873				ND	7
33 Hexane	57		7.382				ND	U
34 1,1-Dichloroethane	63		7.564				ND	
38 2-Butanone (MEK)	72	8.500	8.489	0.011	99	5954	2.15	
37 cis-1,2-Dichloroethene	96		8.526				ND	
* 40 Chlorobromomethane	128	8.928	8.928	0.000	81	108217	10.0	
41 Tetrahydrofuran	42		9.008				ND	
42 Chloroform	83		9.115				ND	
44 1,1,1-Trichloroethane	97		9.457				ND	
43 Cyclohexane	84		9.634				ND	U
45 Carbon tetrachloride	117		9.762				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
47 Benzene	78	10.110	10.110	0.011	1	1473	0.0500	M
48 1,2-Dichloroethane	62		10.147				ND	
46 Isooctane	57	10.388	10.388	-0.011	67	4840	0.1015	M
49 n-Heptane	43	10.747	10.741	0.006	93	105978	6.13	
* 50 1,4-Difluorobenzene	114	10.896	10.896	0.000	94	599538	10.0	
53 Trichloroethene	95		11.389				ND	
54 1,2-Dichloropropane	63		11.865				ND	
55 Methyl methacrylate	69		12.009				ND	
56 1,4-Dioxane	88		12.031				ND	
58 Dichlorobromomethane	83		12.384				ND	
60 cis-1,3-Dichloropropene	75		13.282				ND	
61 4-Methyl-2-pentanone (MIBK)	43		13.577				ND	MU
65 Toluene	92	14.010	14.010	0.005	94	3696	0.1506	M
66 trans-1,3-Dichloropropene	75		14.427				ND	
67 1,1,2-Trichloroethane	83		14.823				ND	7
68 Tetrachloroethene	166		15.096				ND	
69 2-Hexanone	43	15.305	15.299	0.011	94	23457	0.9221	
71 Chlorodibromomethane	129		15.615				ND	
72 Ethylene Dibromide	107		15.856				ND	
* 74 Chlorobenzene-d5	117	16.856	16.856	0.000	87	573562	10.0	
75 Chlorobenzene	112		16.920				ND	
76 Ethylbenzene	91	17.150	17.150	0.000	96	5029	0.0889	M
78 m-Xylene & p-Xylene	106	17.428	17.428	-0.011	0	2739	0.1391	M
79 o-Xylene	106	18.236	18.242	0.000	95	1955	0.0930	
80 Styrene	104		18.268				ND	7
81 Bromoform	173		18.605				ND	
82 Isopropylbenzene	105		19.033				ND	7
84 1,1,2,2-Tetrachloroethane	83		19.568				ND	7
85 N-Propylbenzene	91		19.836				ND	7
89 2-Chlorotoluene	91		19.980				ND	7
88 4-Ethyltoluene	105	20.066	20.066	0.006	1	702	0.0122	M
90 1,3,5-Trimethylbenzene	105		20.167				ND	7
92 tert-Butylbenzene	119		20.686				ND	7
93 1,2,4-Trimethylbenzene	105	20.777	20.777	0.000	1	1945	0.0371	
94 sec-Butylbenzene	105		21.039				ND	7
96 1,3-Dichlorobenzene	146		21.195				ND	7
95 4-Isopropyltoluene	119	21.275	21.275	0.006	35	4678	0.0741	M
97 1,4-Dichlorobenzene	146		21.344				ND	7
98 Benzyl chloride	91		21.494				ND	U
101 1,2-Dichlorobenzene	146		21.842				ND	7
100 n-Butylbenzene	91		21.847				ND	7
103 1,2,4-Trichlorobenzene	180		24.239				ND	U
104 Hexachlorobutadiene	225		24.511				ND	
105 Naphthalene	128		24.683				ND	U

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

ATTO15GIS_00017	Amount Added:	20.00	Units: mL	Run Reagent

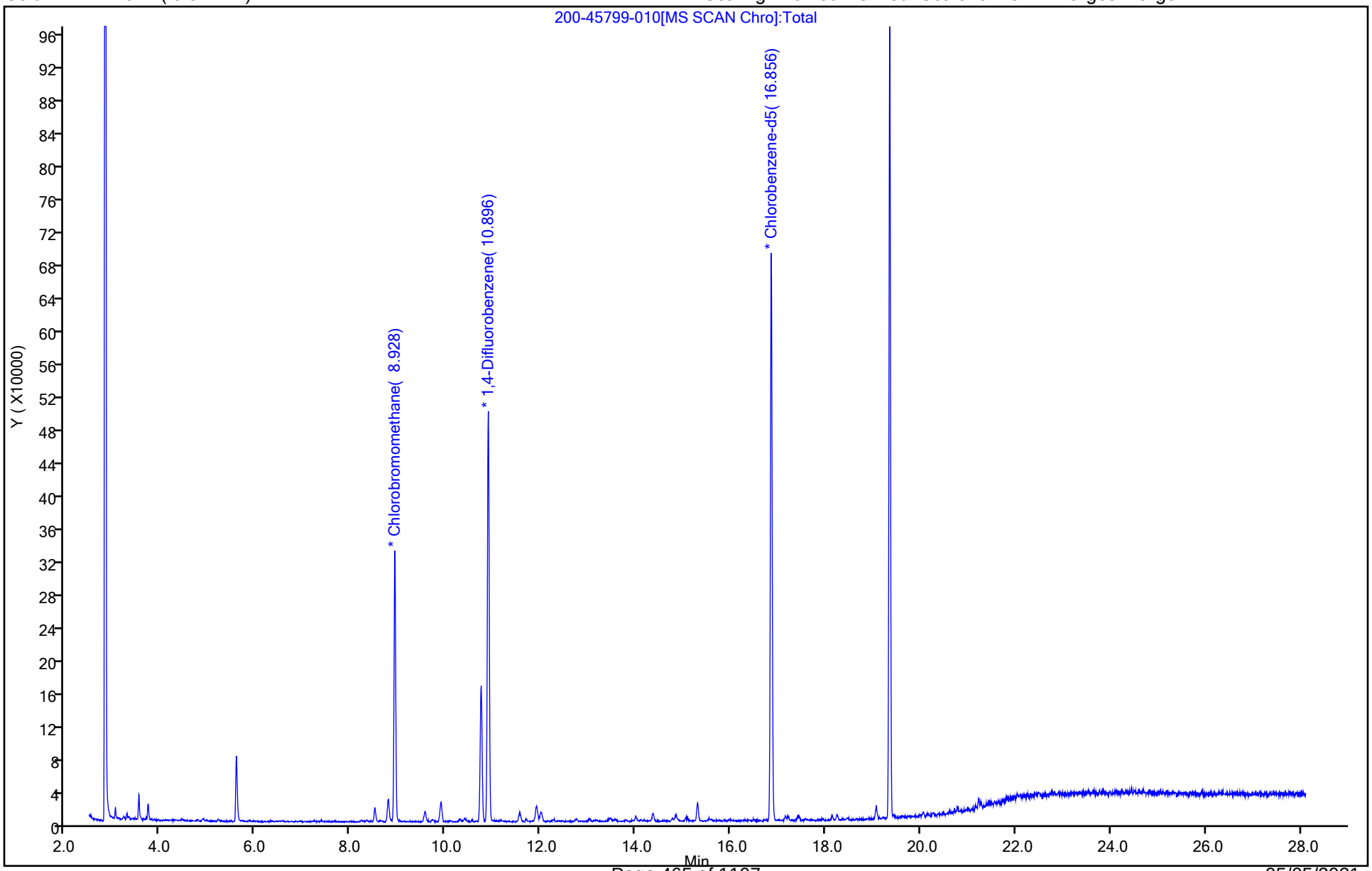
Report Date: 04-May-2021 09:04:54 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D

Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3	Worklist Smp#:	10
Client ID:	SV-02_20210428				
Purge Vol:	200.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	9
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

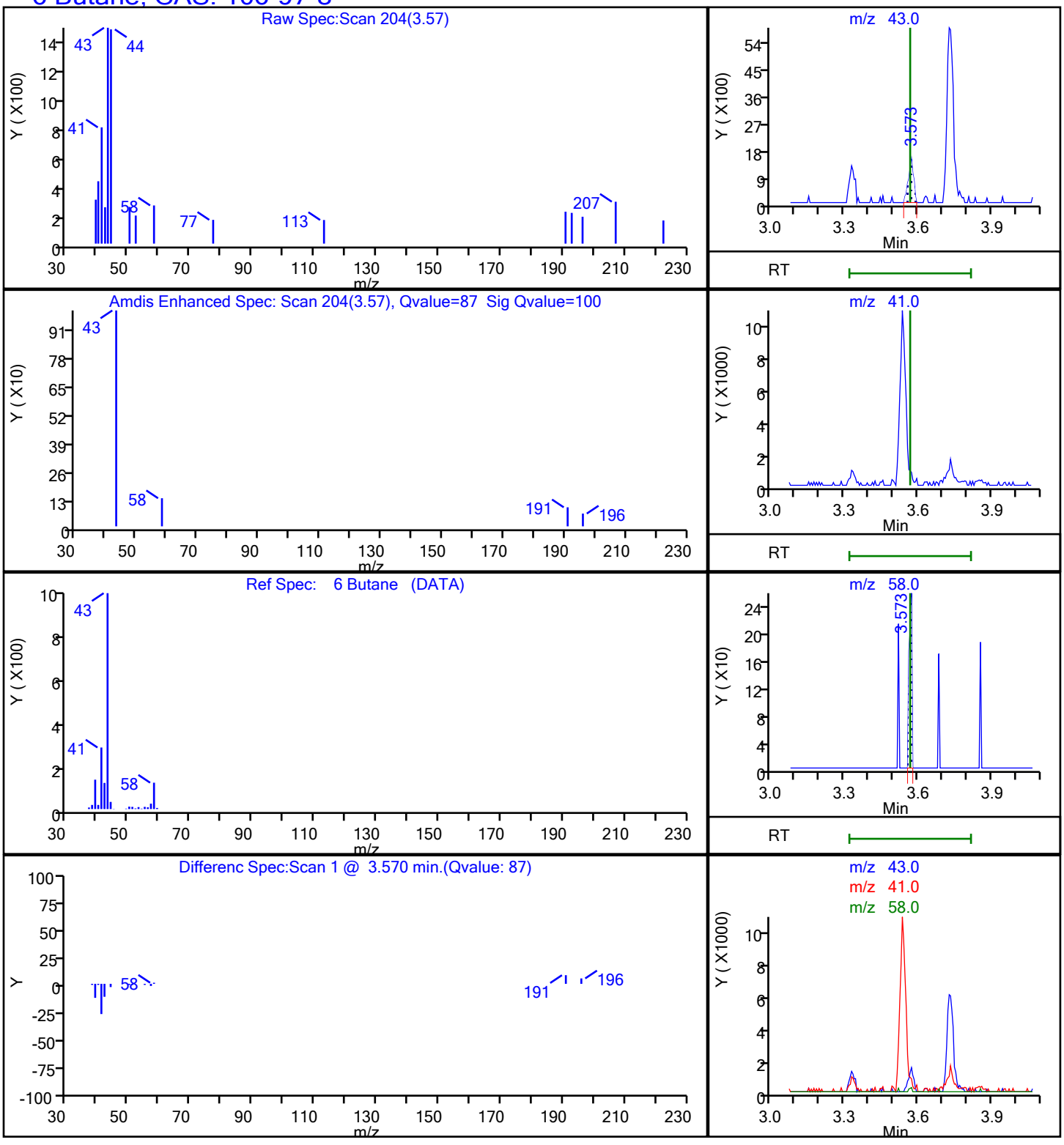
Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Butane, CAS: 106-97-8

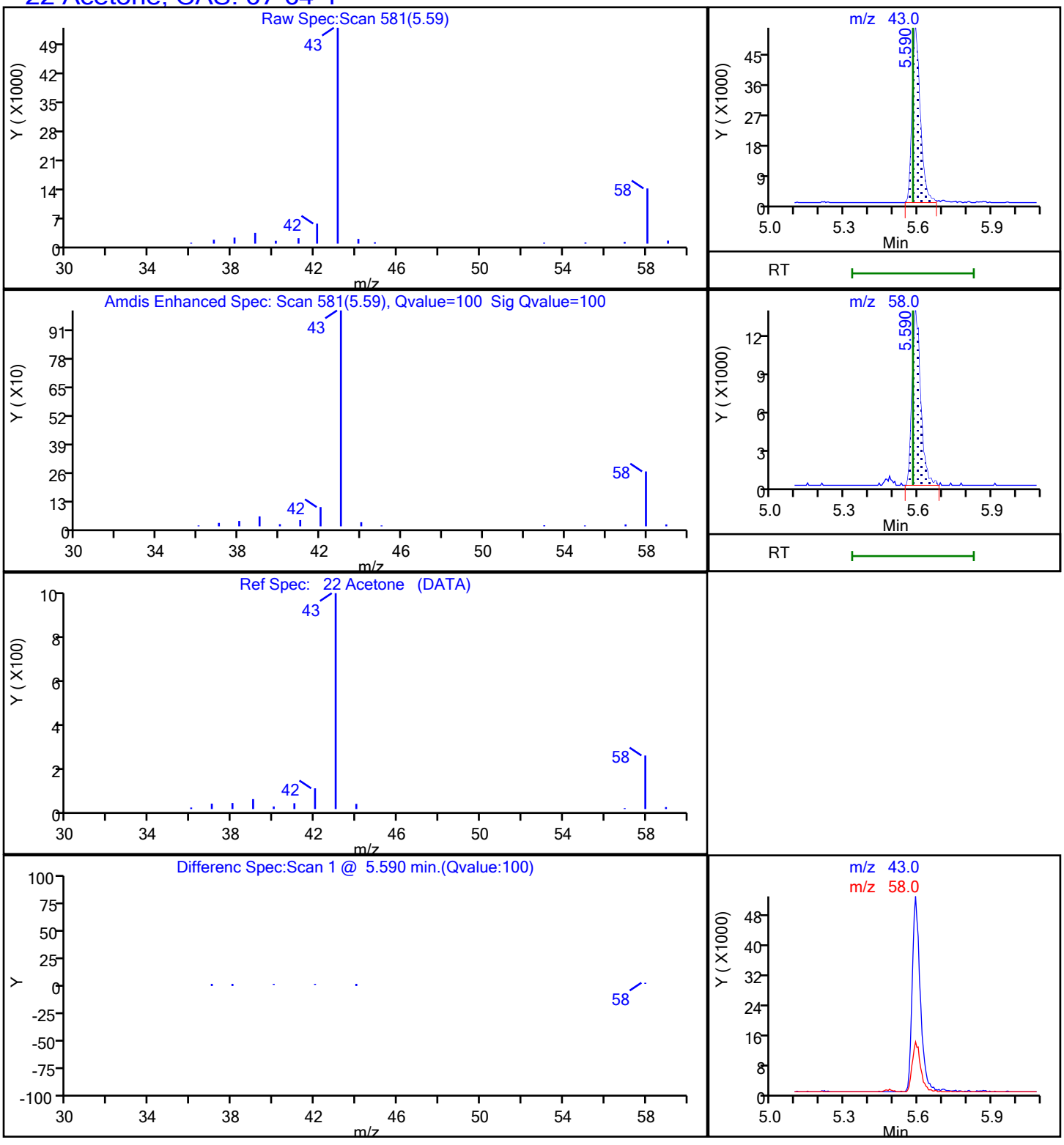


Report Date: 04-May-2021 09:04:54 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

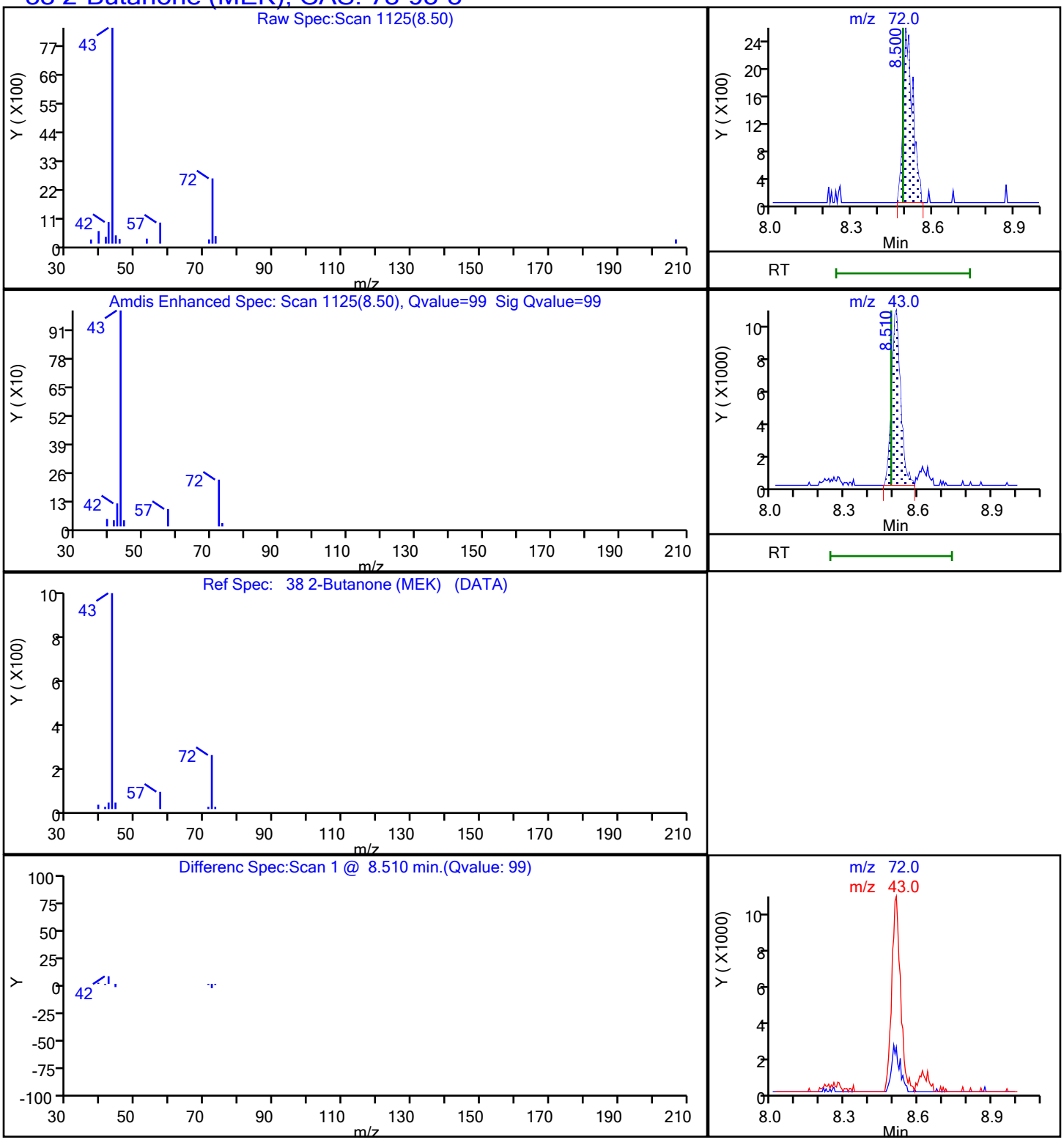
22 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

38 2-Butanone (MEK), CAS: 78-93-3



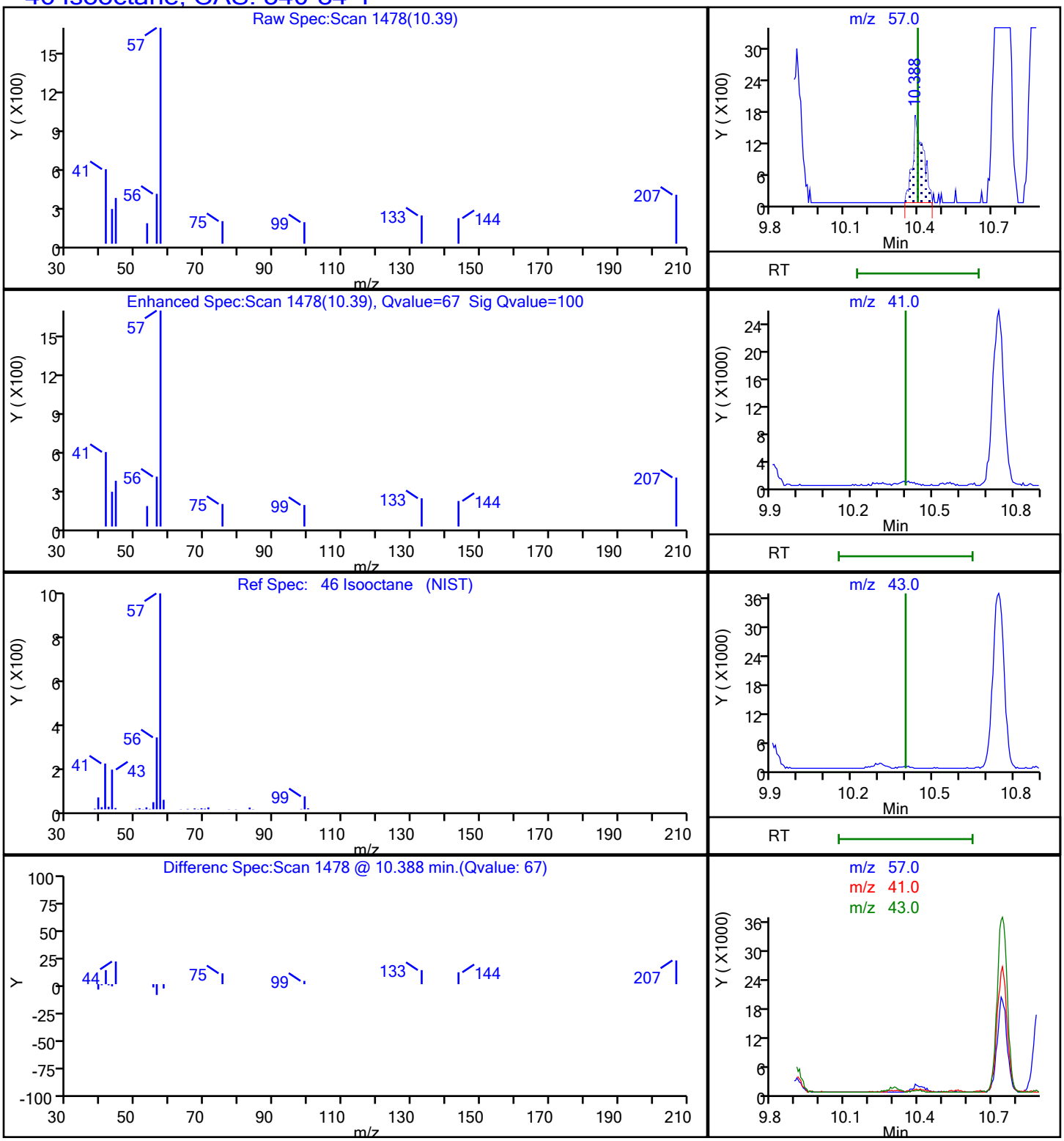
Report Date: 04-May-2021 09:04:54 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D

Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Isooctane, CAS: 540-84-1

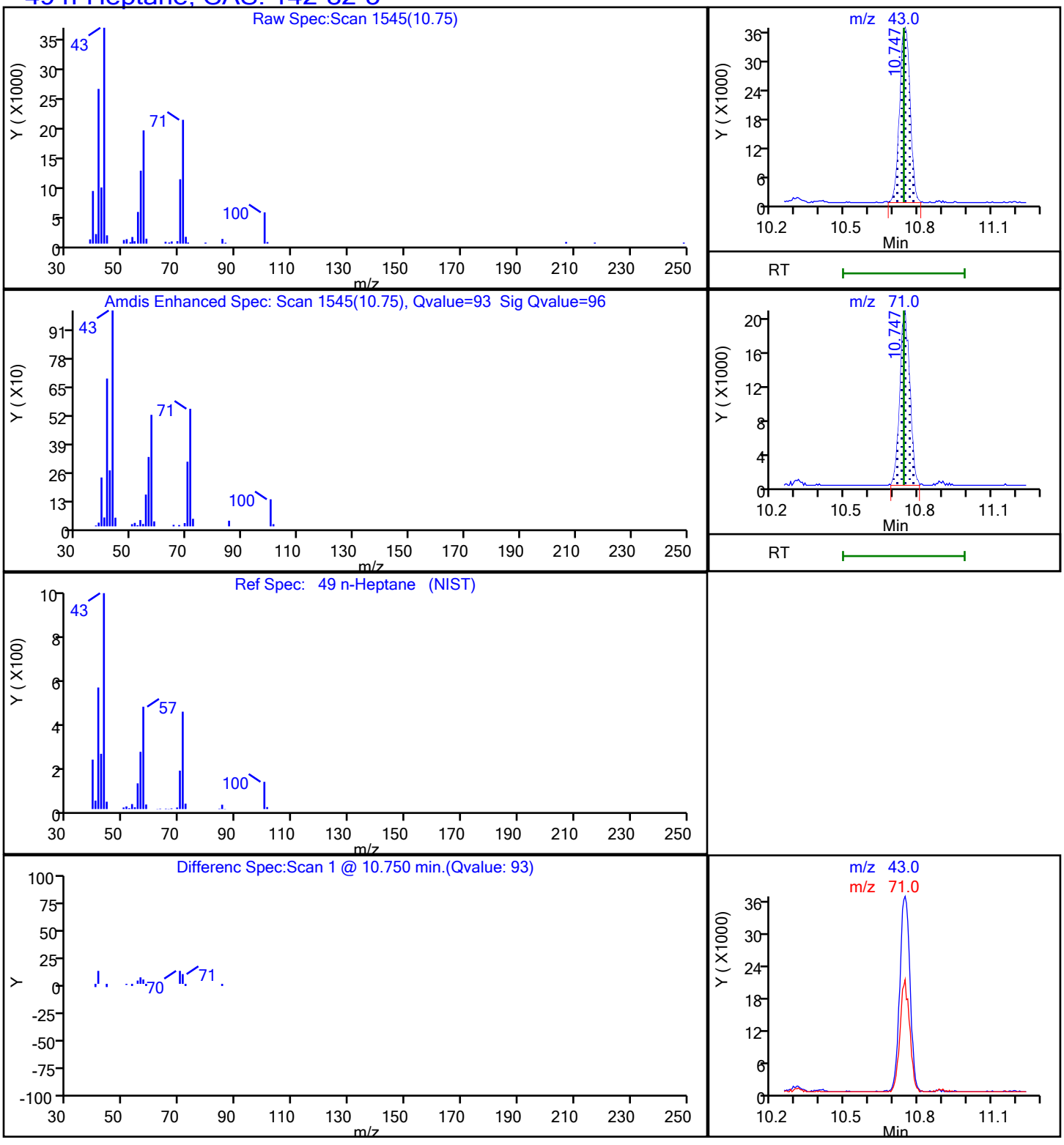


Report Date: 04-May-2021 09:04:54 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5



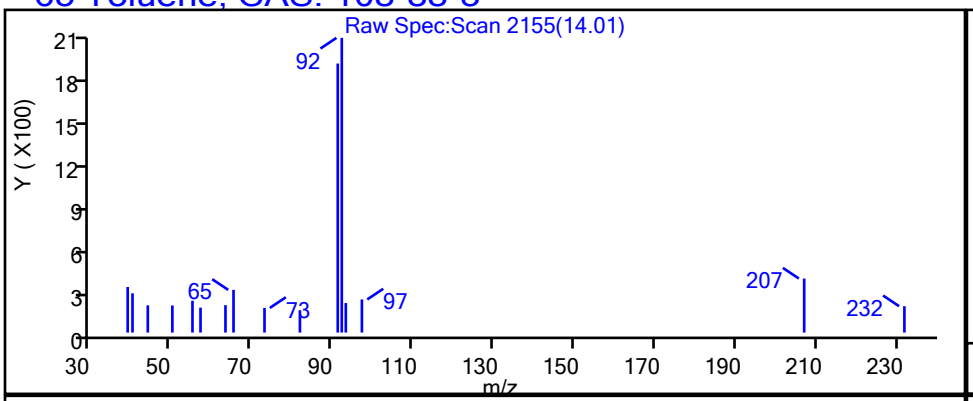
Report Date: 04-May-2021 09:04:55 Chrom Revision: 2.3 08-Apr-2021 17:17:48

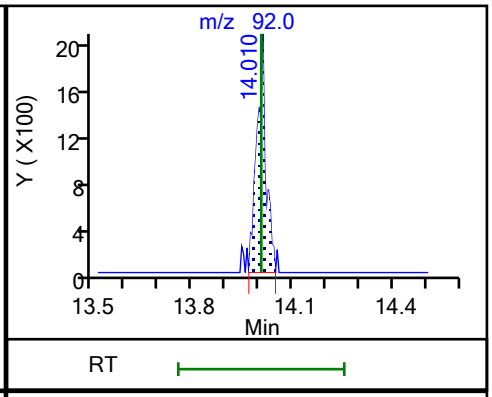
Eurofins TestAmerica, Burlington

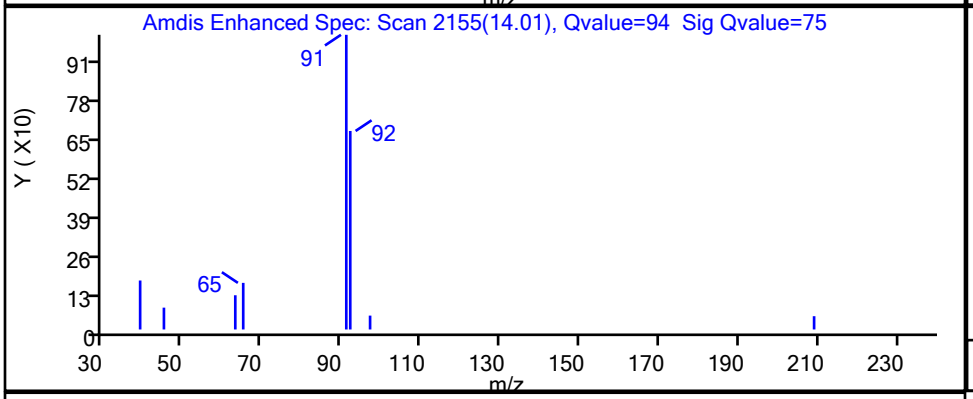
Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D

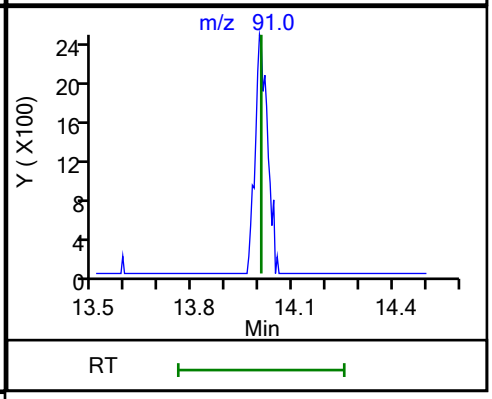
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

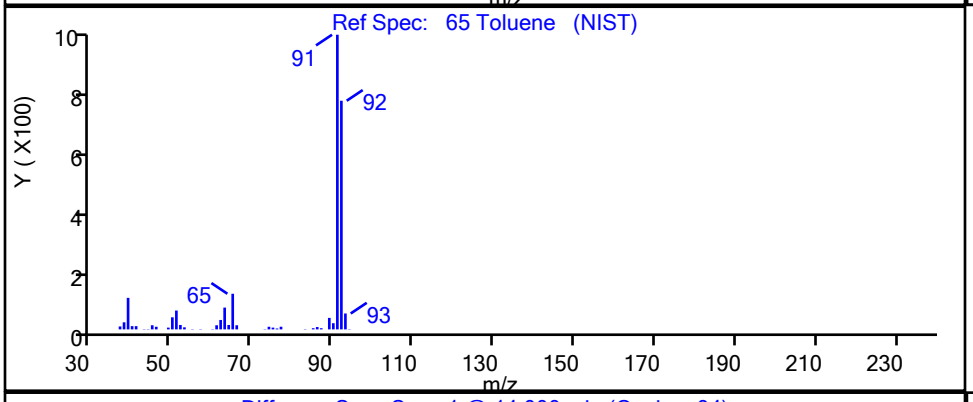
65 Toluene, CAS: 108-88-3

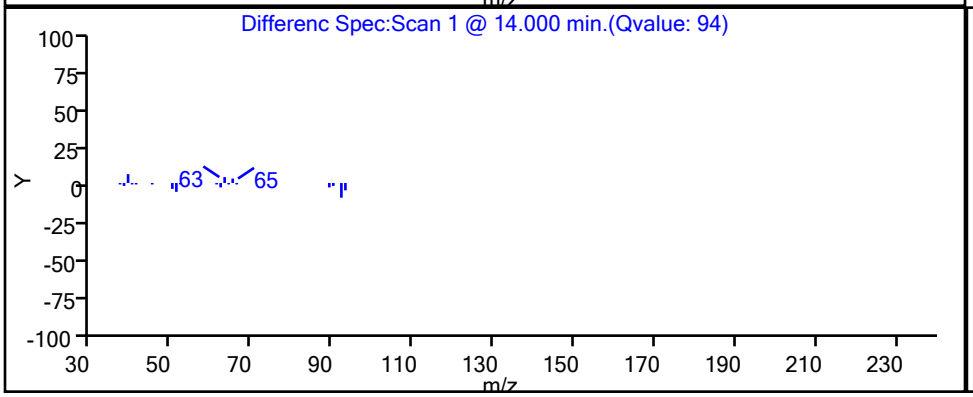


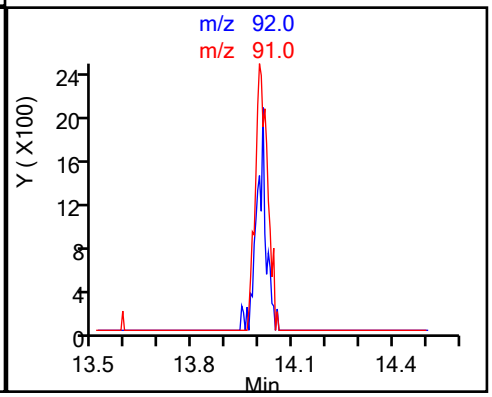










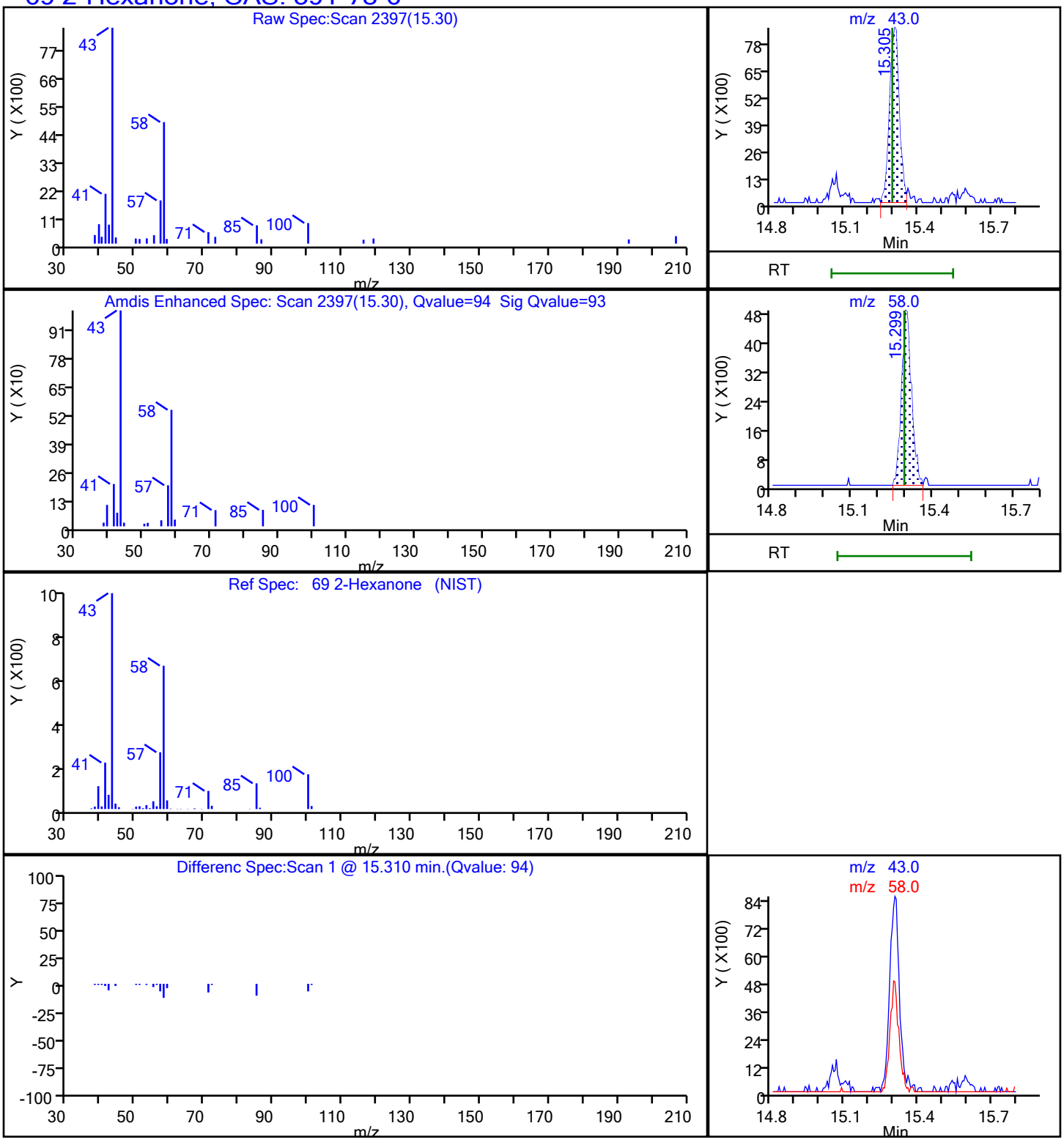


Report Date: 04-May-2021 09:04:55 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

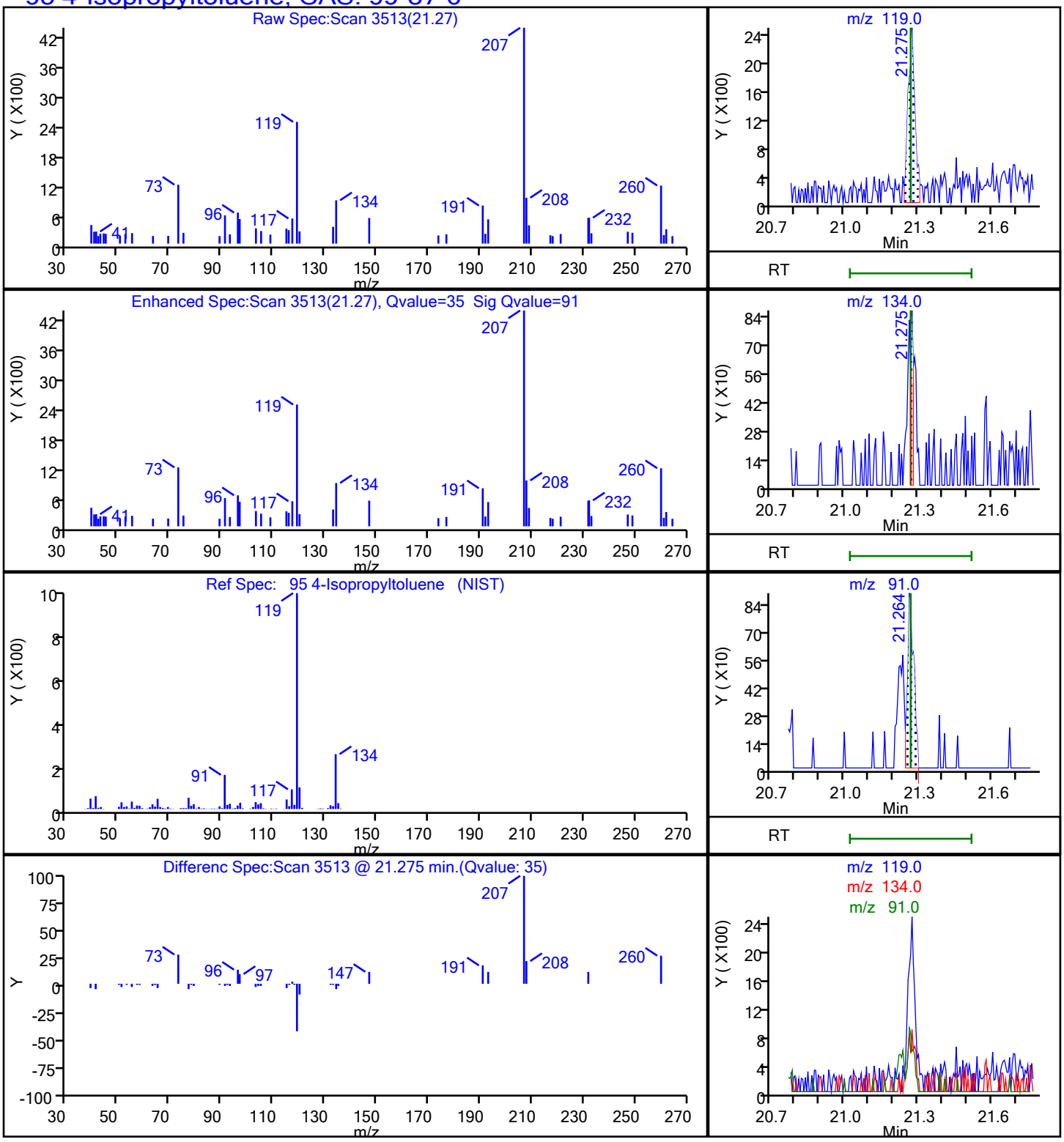
69 2-Hexanone, CAS: 591-78-6



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 4-Isopropyltoluene, CAS: 99-87-6



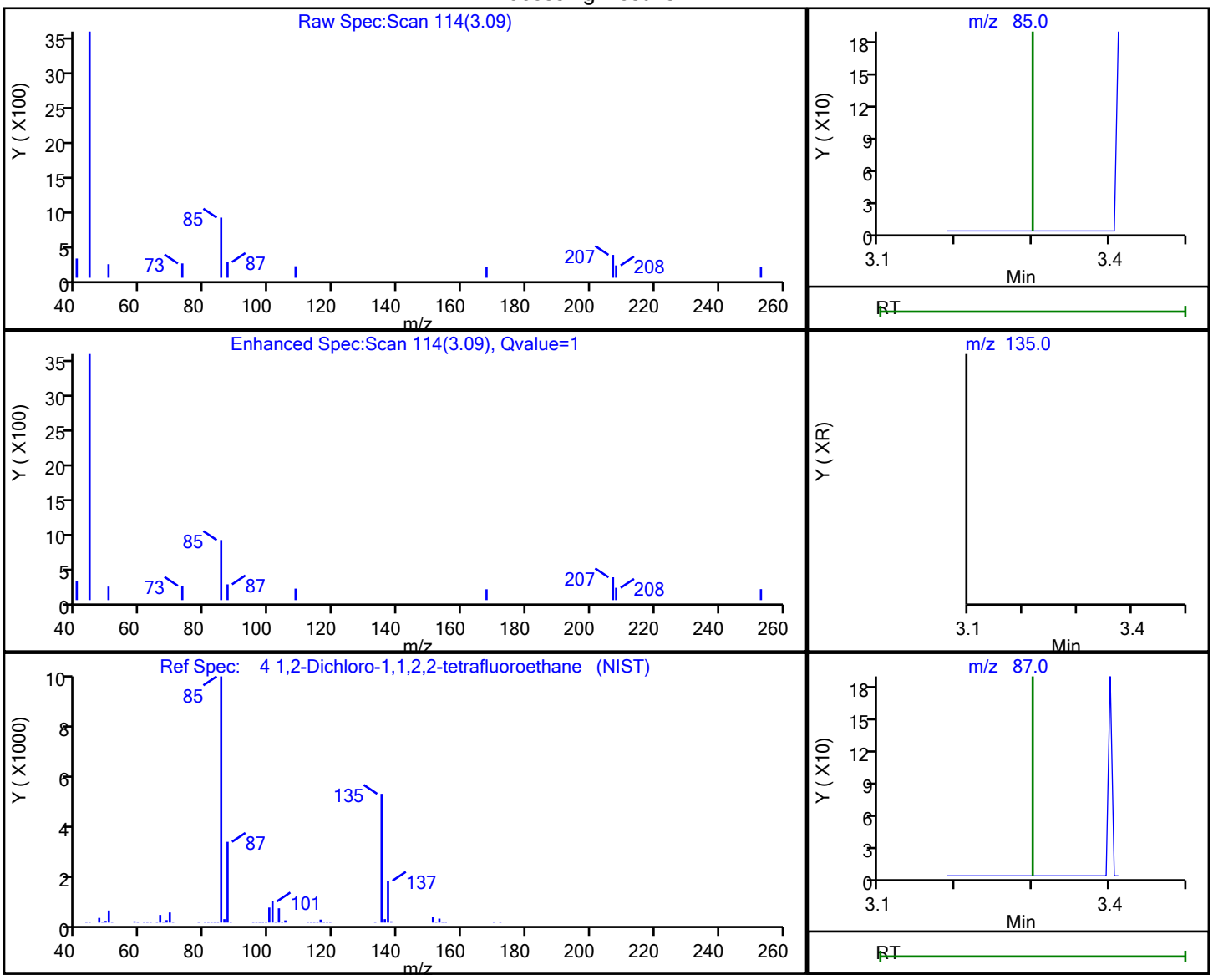
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

4 1,2-Dichloro-1,1,2,2-tetrafluoroethane, CAS: 76-14-2

Processing Results



RT	Mass	Response	Amount
3.09	85.00	958	0.037958
3.30	135.00	0	
3.08	87.00	54	

Reviewer: bunmaa, 04-May-2021 08:58:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

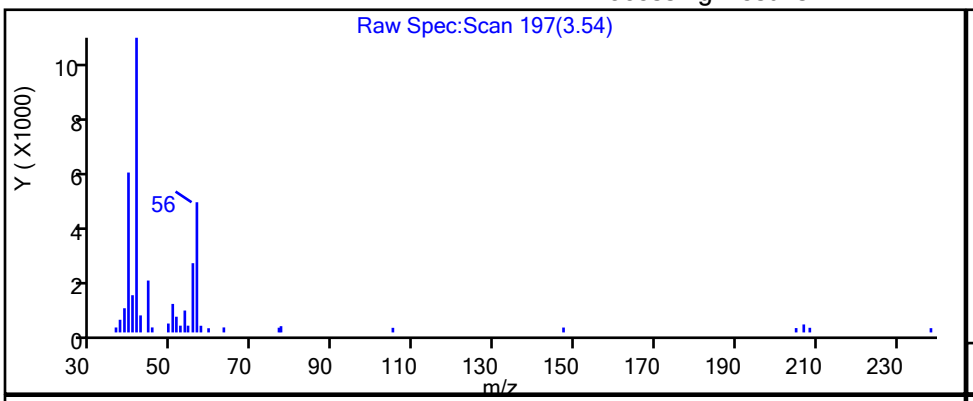
User Disabled Compound Report

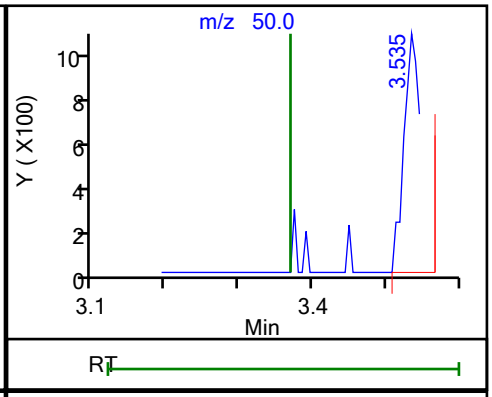
Eurofins TestAmerica, Burlington

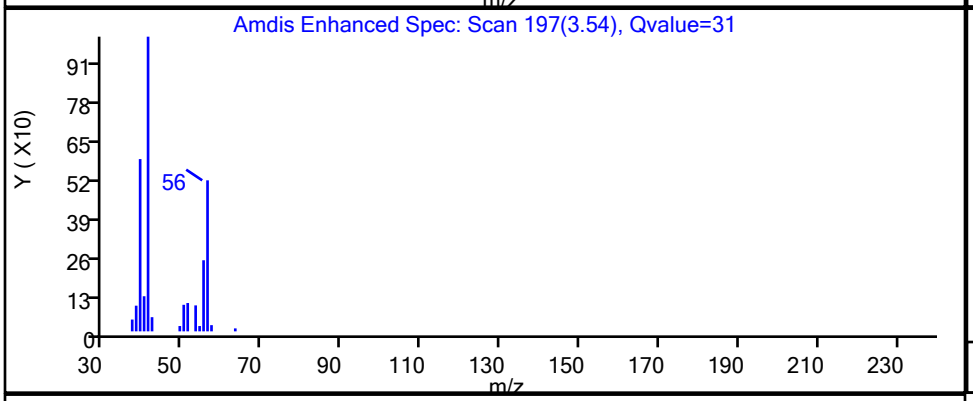
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

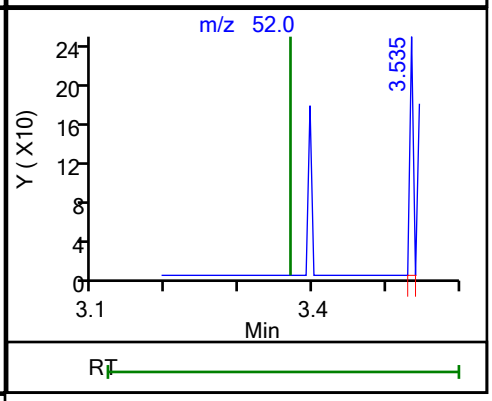
5 Chloromethane, CAS: 74-87-3

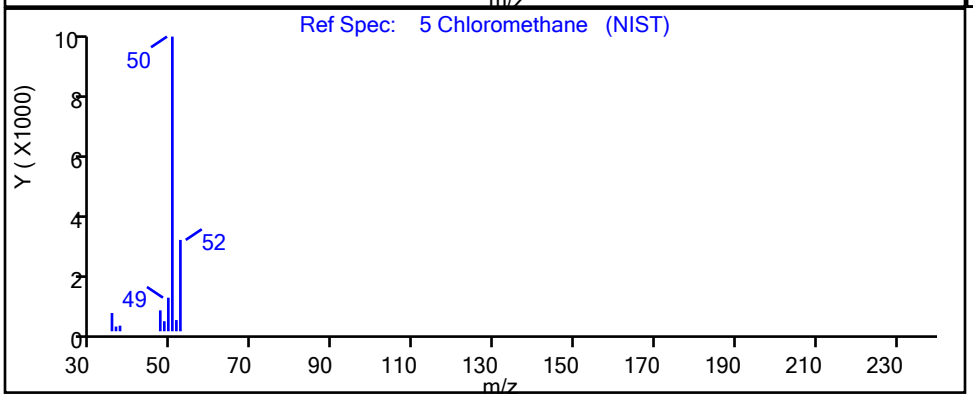
Processing Results











RT	Mass	Response	Amount
3.54	50.00	1639	0.276568
3.54	52.00	78	

Reviewer: bunmaa, 04-May-2021 08:58:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

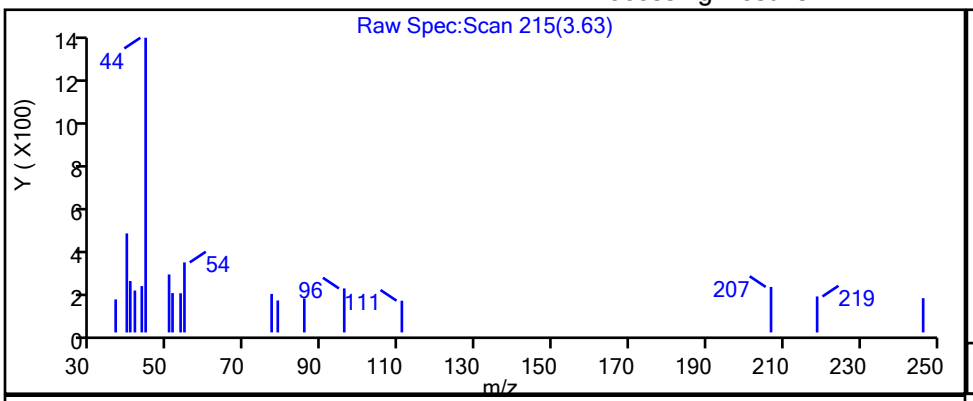
User Disabled Compound Report

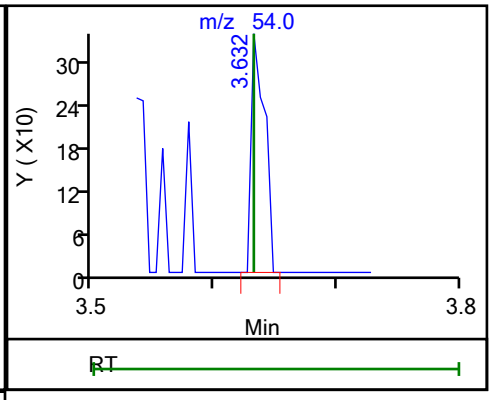
Eurofins TestAmerica, Burlington

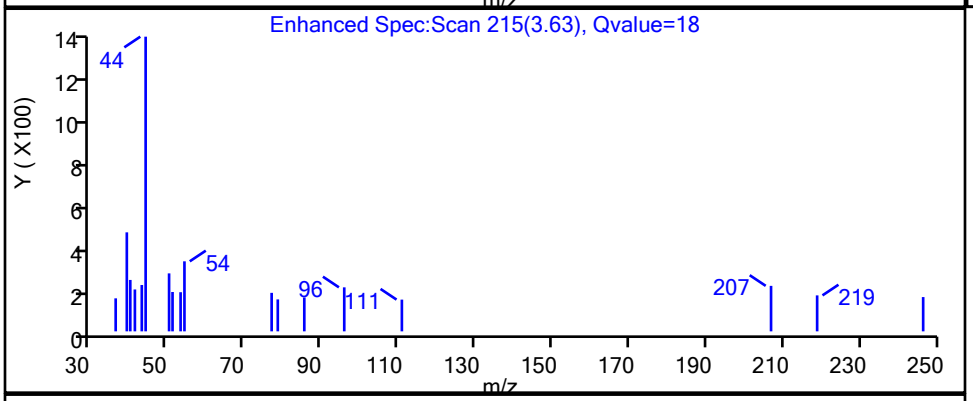
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

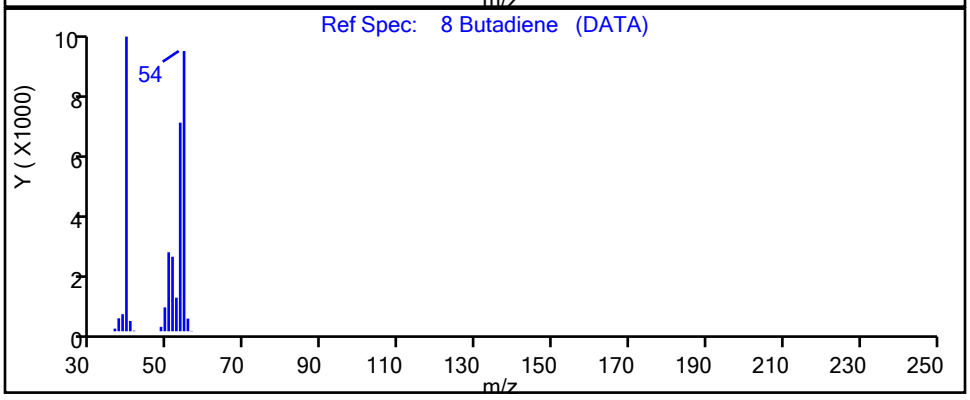
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
3.63	54.00	254	0.050399

Reviewer: bunmaa, 04-May-2021 08:58:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

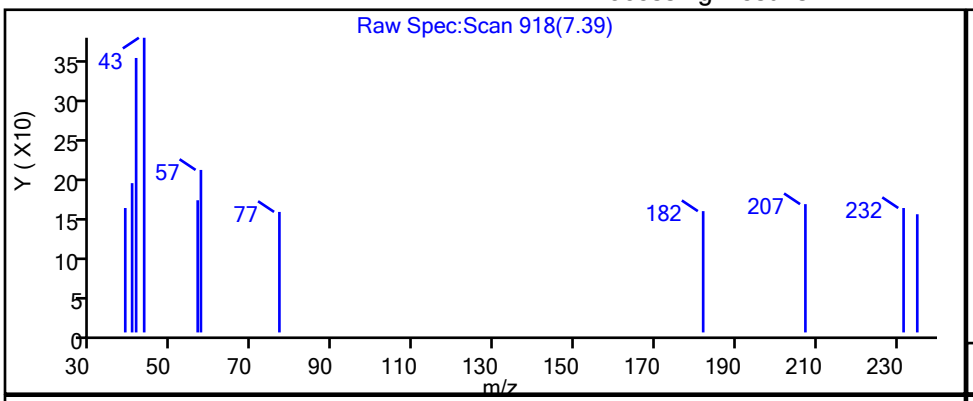
User Disabled Compound Report

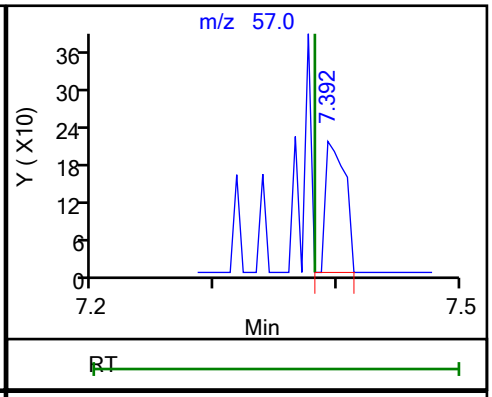
Eurofins TestAmerica, Burlington

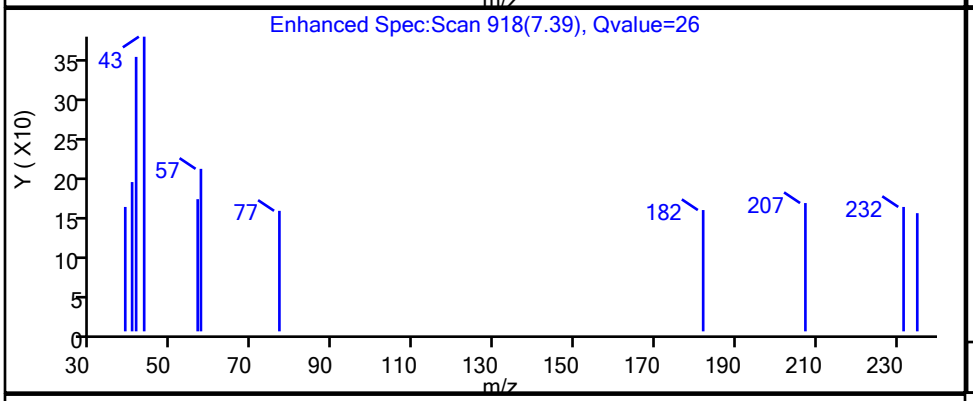
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

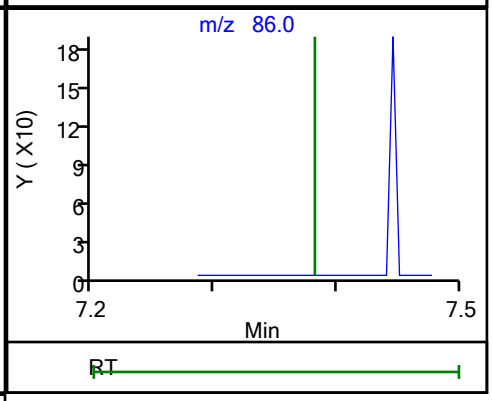
33 Hexane, CAS: 110-54-3

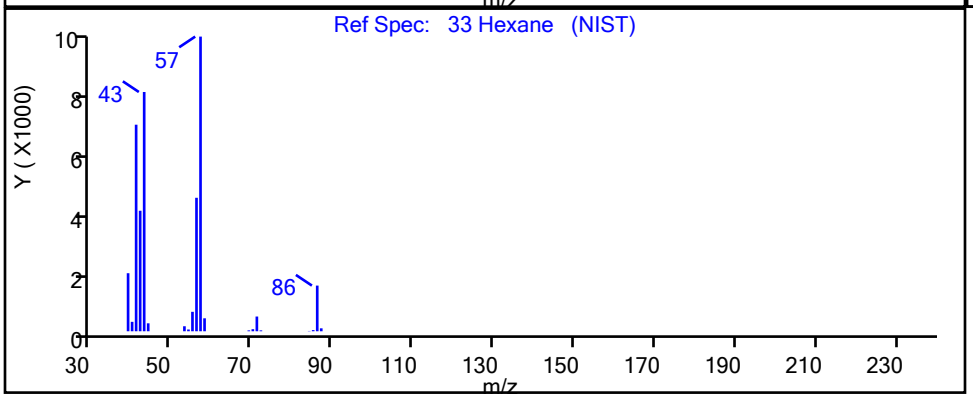
Processing Results











RT	Mass	Response	Amount
7.39	57.00	232	0.025526
7.38	86.00	0	

Reviewer: bunmaa, 04-May-2021 08:59:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

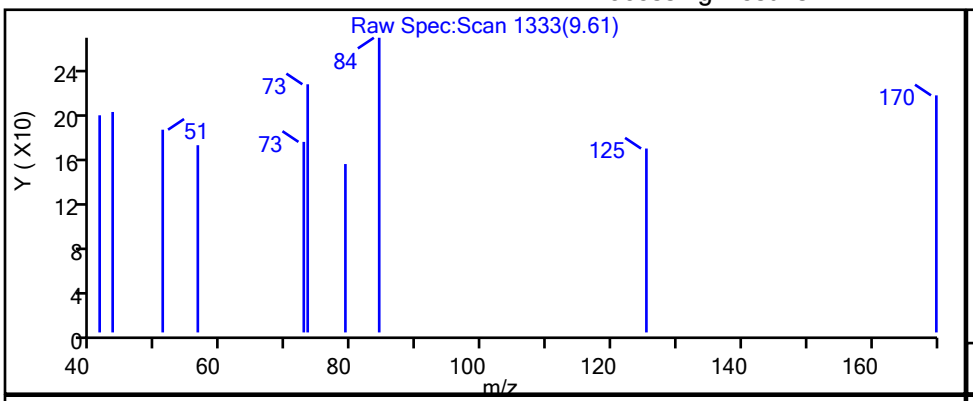
User Disabled Compound Report

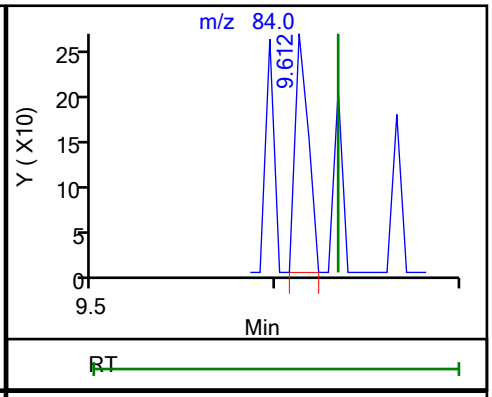
Eurofins TestAmerica, Burlington

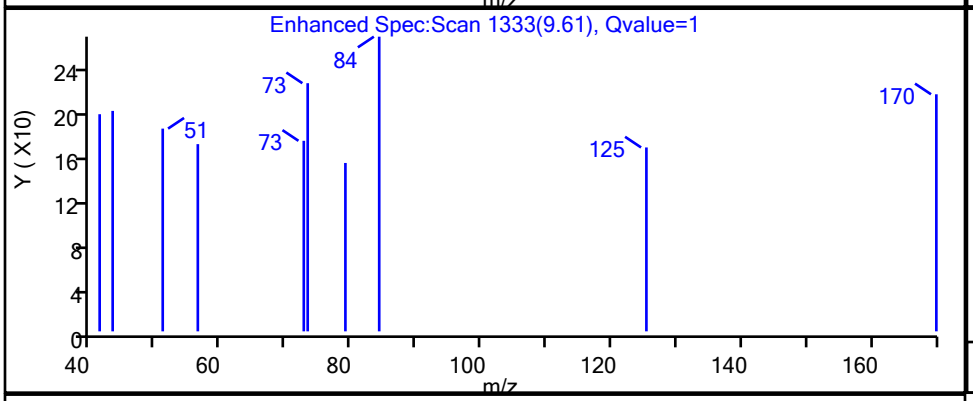
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

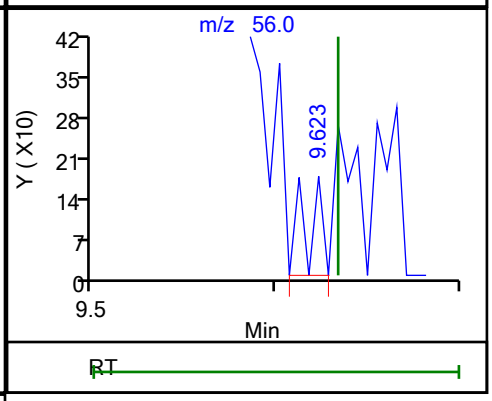
43 Cyclohexane, CAS: 110-82-7

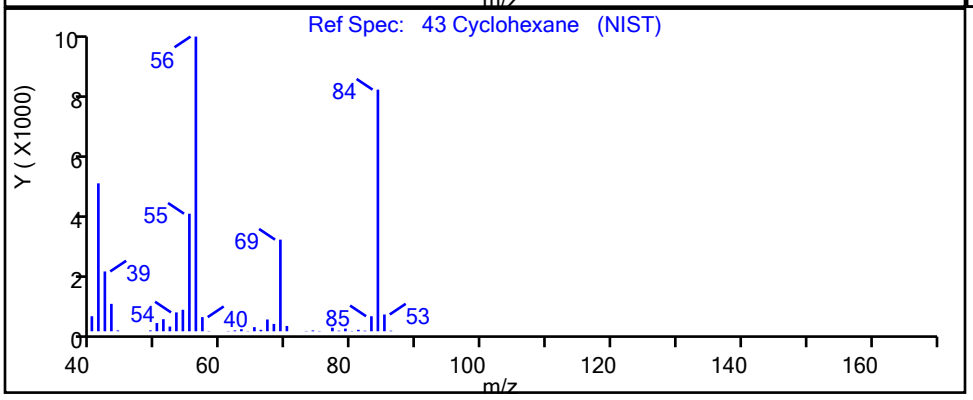
Processing Results











RT	Mass	Response	Amount
9.61	84.00	134	0.011905
9.62	56.00	109	

Reviewer: bunmaa, 04-May-2021 09:00:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

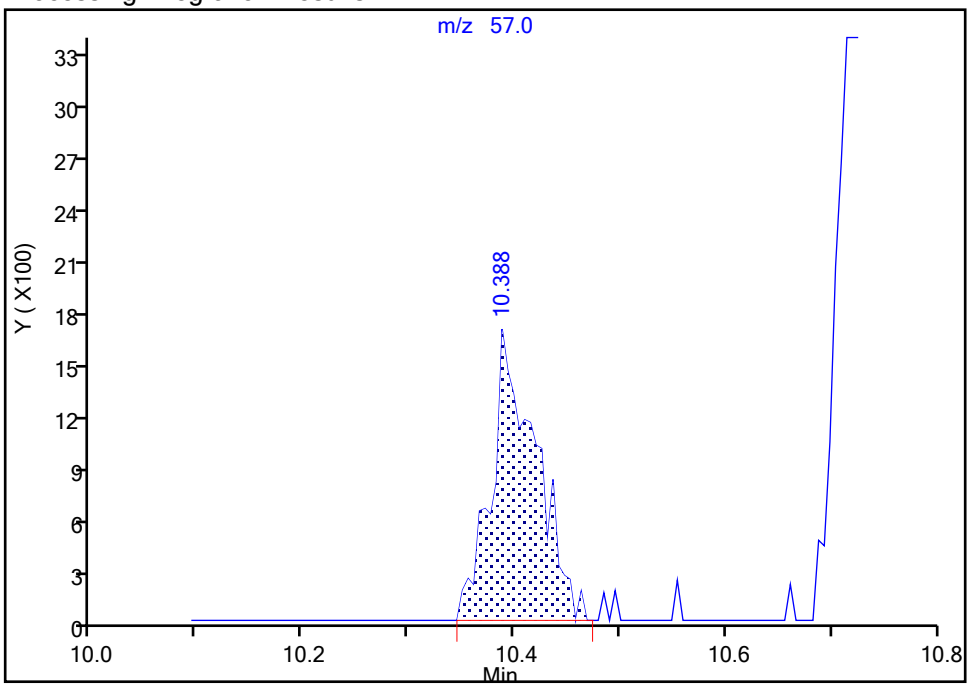
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Isooctane, CAS: 540-84-1

Signal: 1

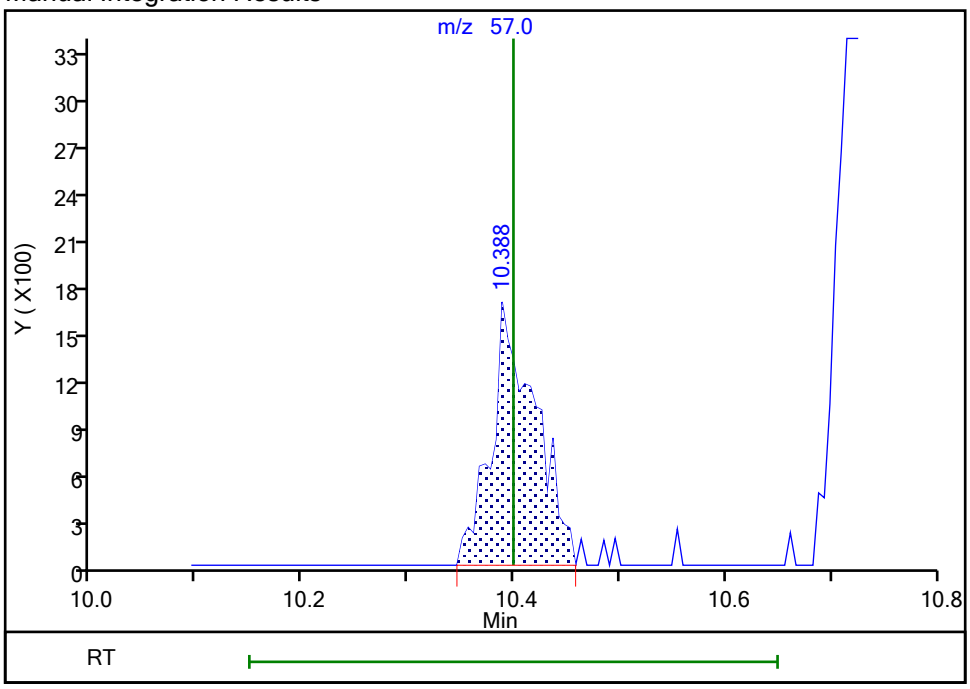
Processing Integration Results

RT: 10.39
Area: 4893
Amount: 0.102661
Amount Units: ppb v/v



Manual Integration Results

RT: 10.39
Area: 4840
Amount: 0.101549
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:00:58

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

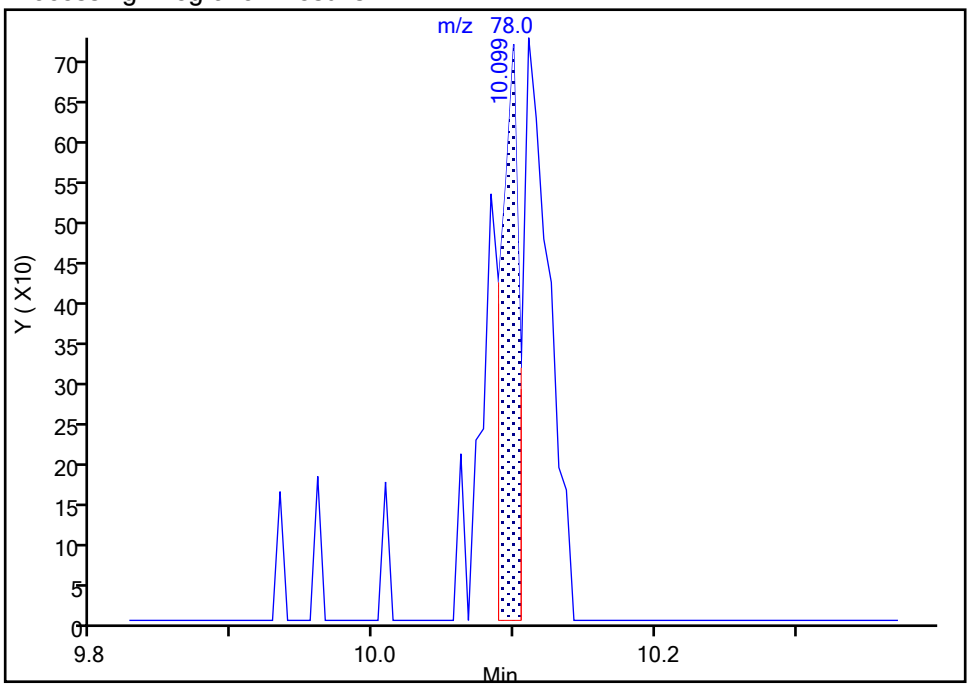
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2

Signal: 1

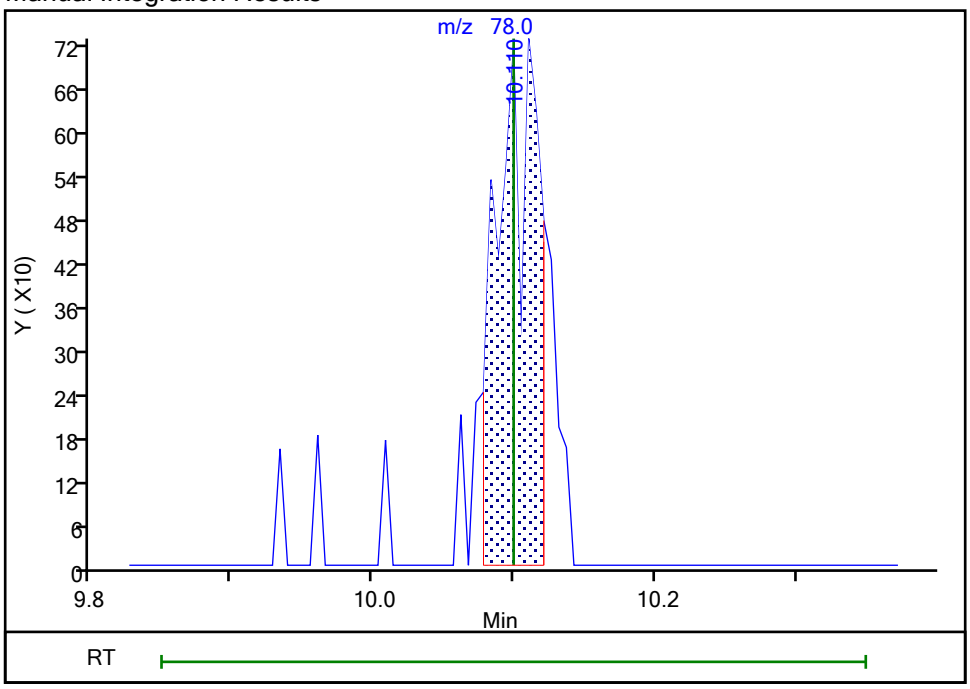
Processing Integration Results

RT: 10.10
Area: 641
Amount: 0.021739
Amount Units: ppb v/v



Manual Integration Results

RT: 10.11
Area: 1473
Amount: 0.049955
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:00:29

Audit Action: Manually Integrated Audit Reason: Assign Peak

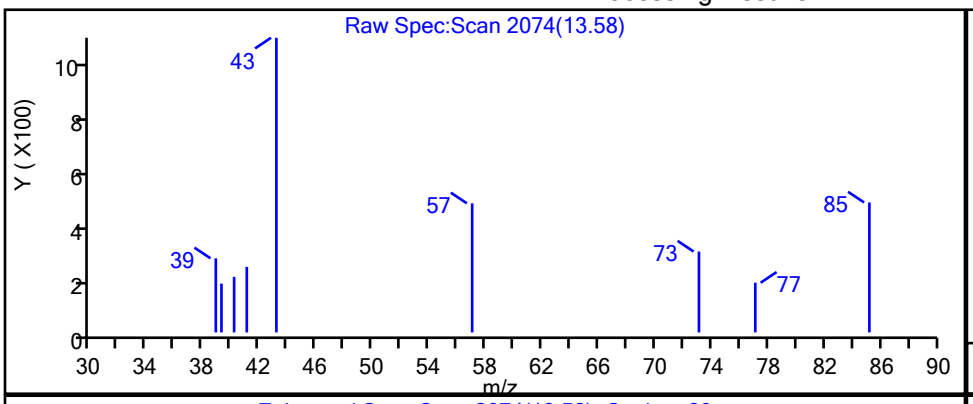
User Disabled Compound Report

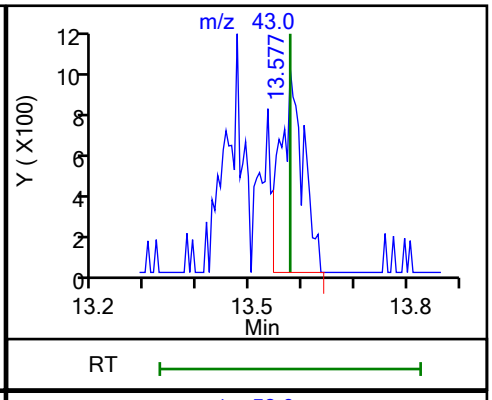
Eurofins TestAmerica, Burlington

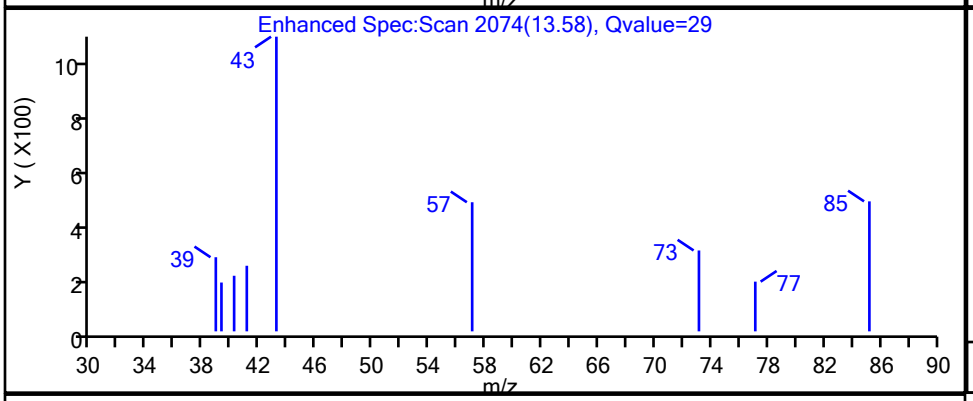
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

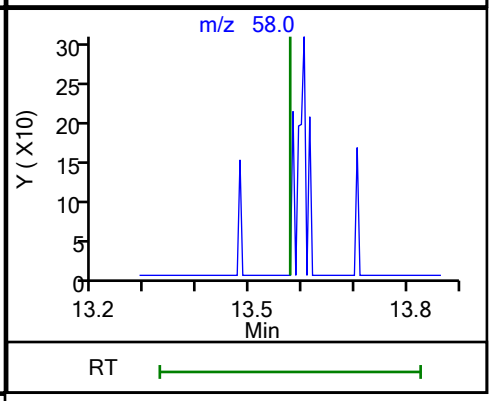
61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

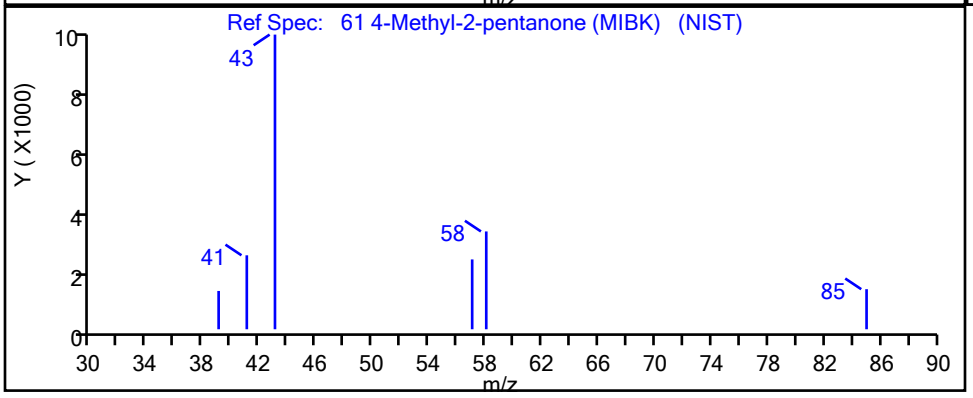
Processing Results











RT	Mass	Response	Amount
13.58	43.00	3014	0.116534
13.58	58.00	0	

Reviewer: bunmaa, 04-May-2021 09:01:54

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

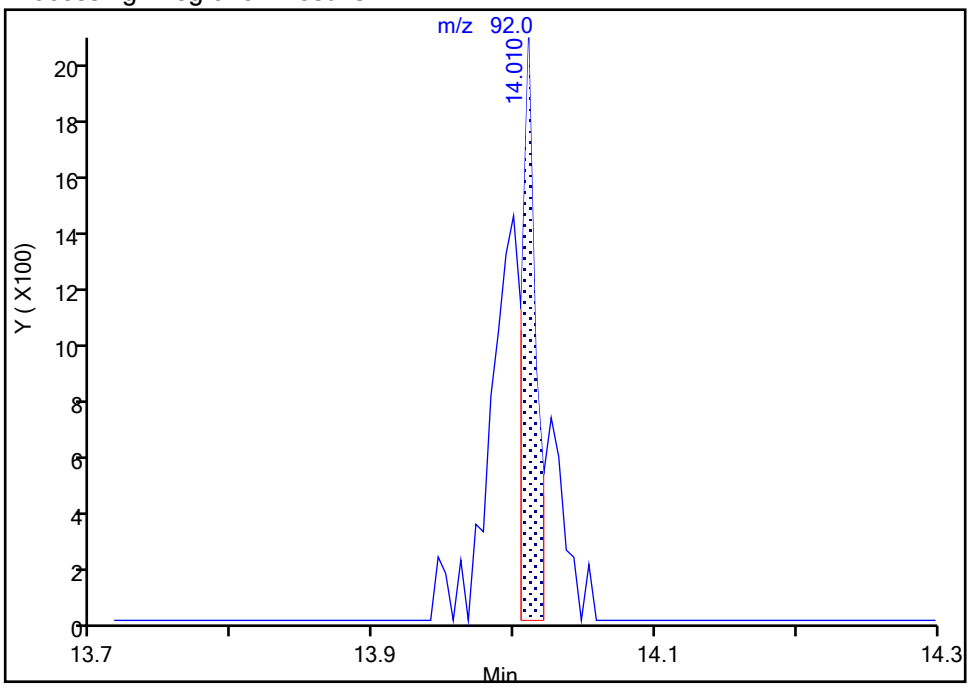
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

65 Toluene, CAS: 108-88-3

Signal: 1

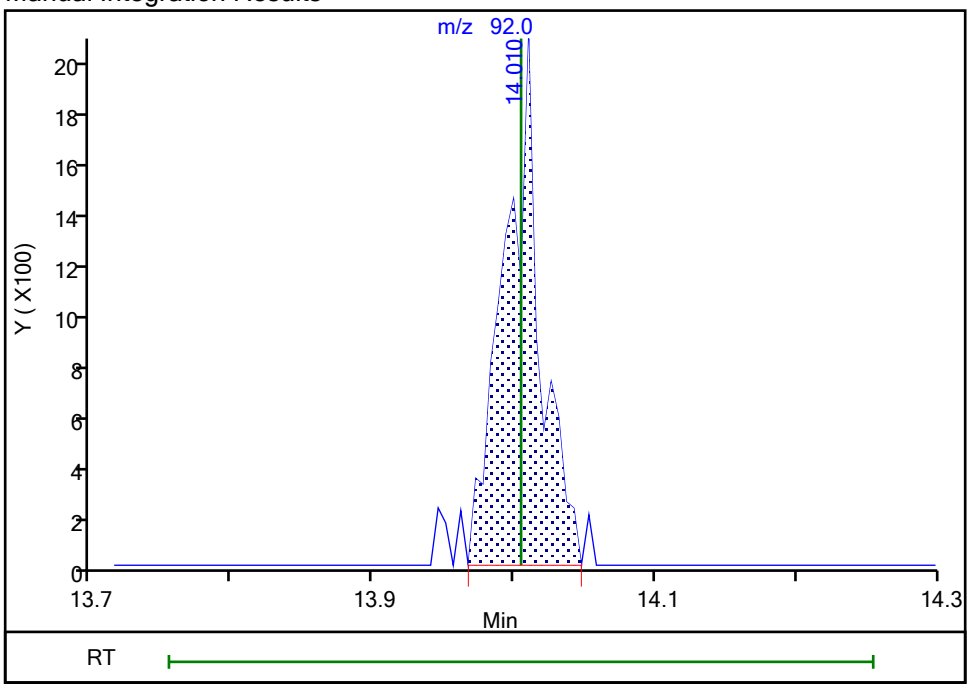
Processing Integration Results

RT: 14.01
Area: 1466
Amount: 0.059748
Amount Units: ppb v/v



Manual Integration Results

RT: 14.01
Area: 3696
Amount: 0.150634
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:02:12

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

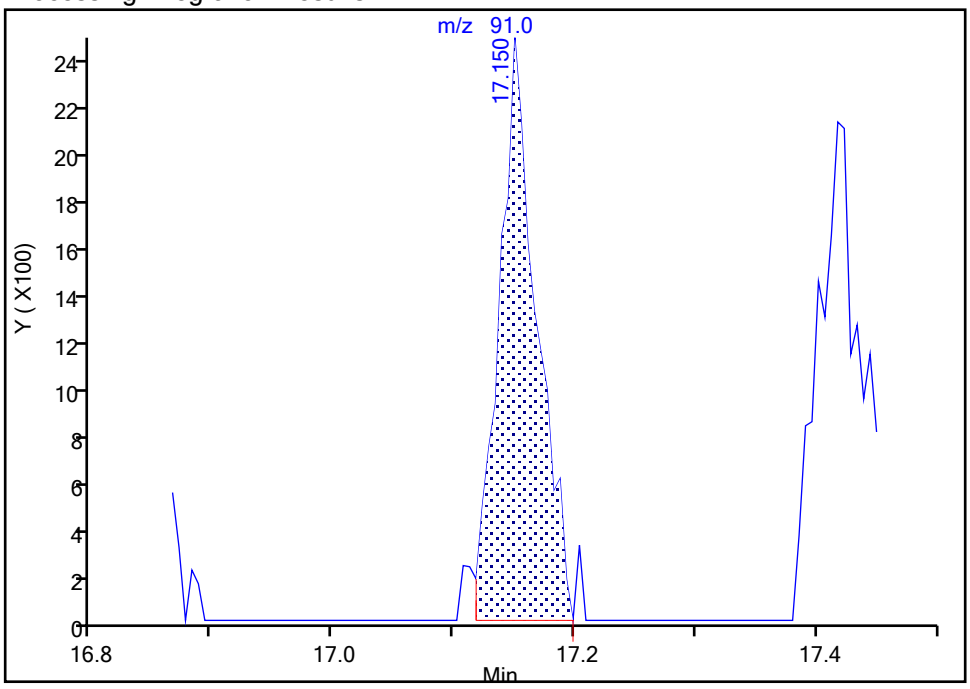
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 Ethylbenzene, CAS: 100-41-4

Signal: 1

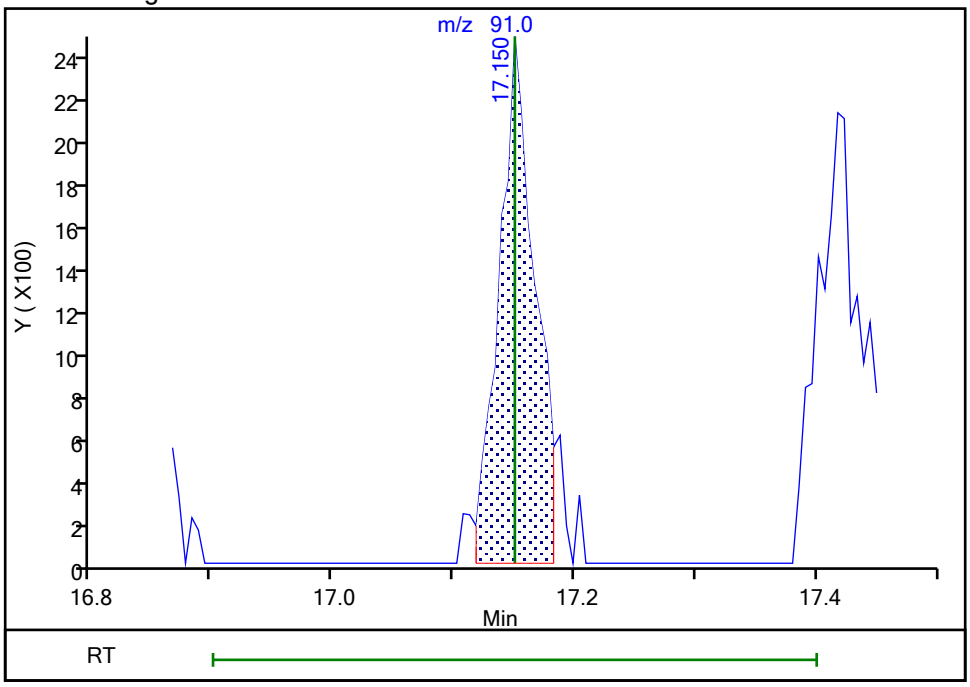
Processing Integration Results

RT: 17.15
Area: 5275
Amount: 0.093208
Amount Units: ppb v/v



Manual Integration Results

RT: 17.15
Area: 5029
Amount: 0.088861
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:02:42

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

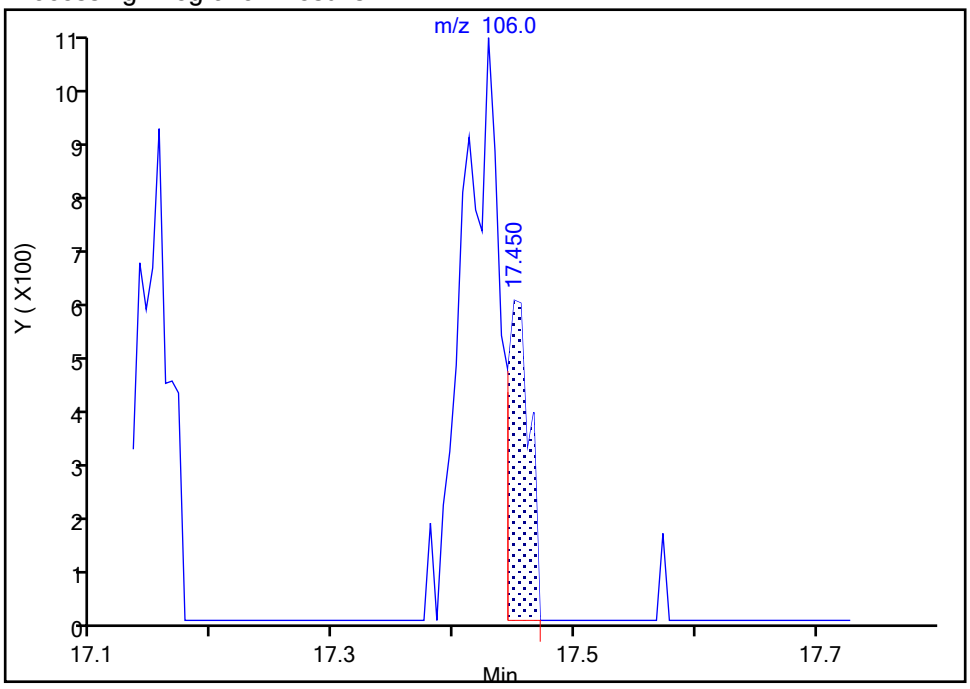
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

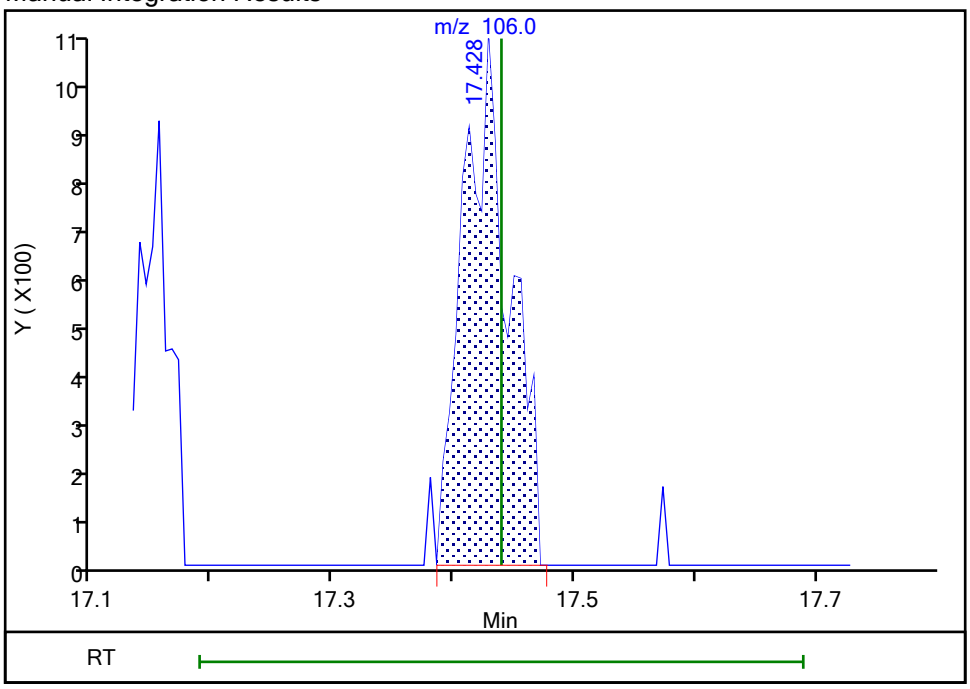
Processing Integration Results

RT: 17.45
Area: 714
Amount: 0.036273
Amount Units: ppb v/v



Manual Integration Results

RT: 17.43
Area: 2739
Amount: 0.139148
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:02:57

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

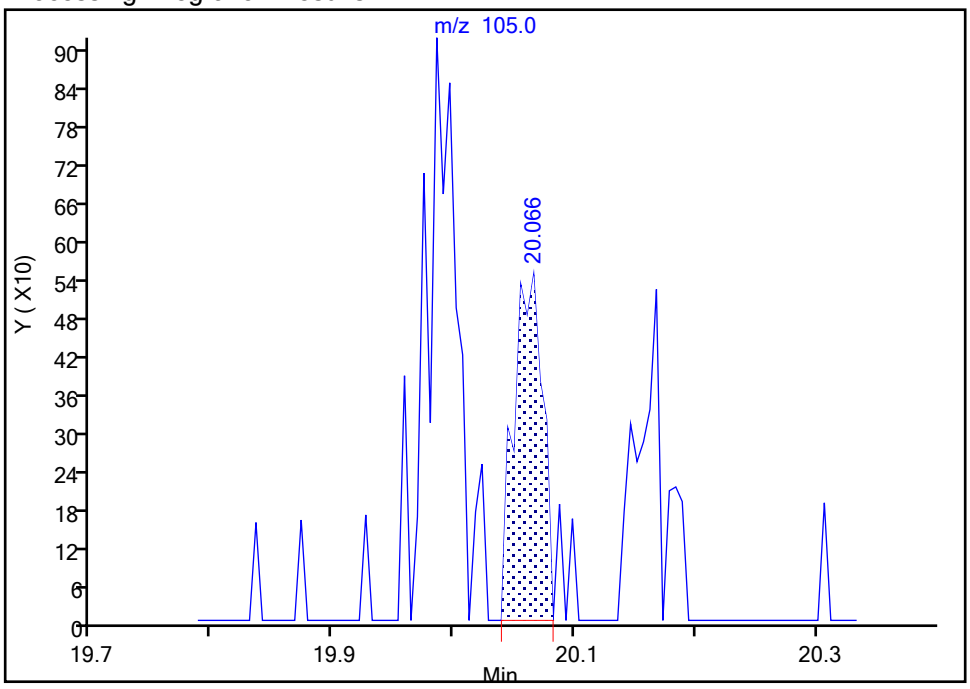
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

88 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

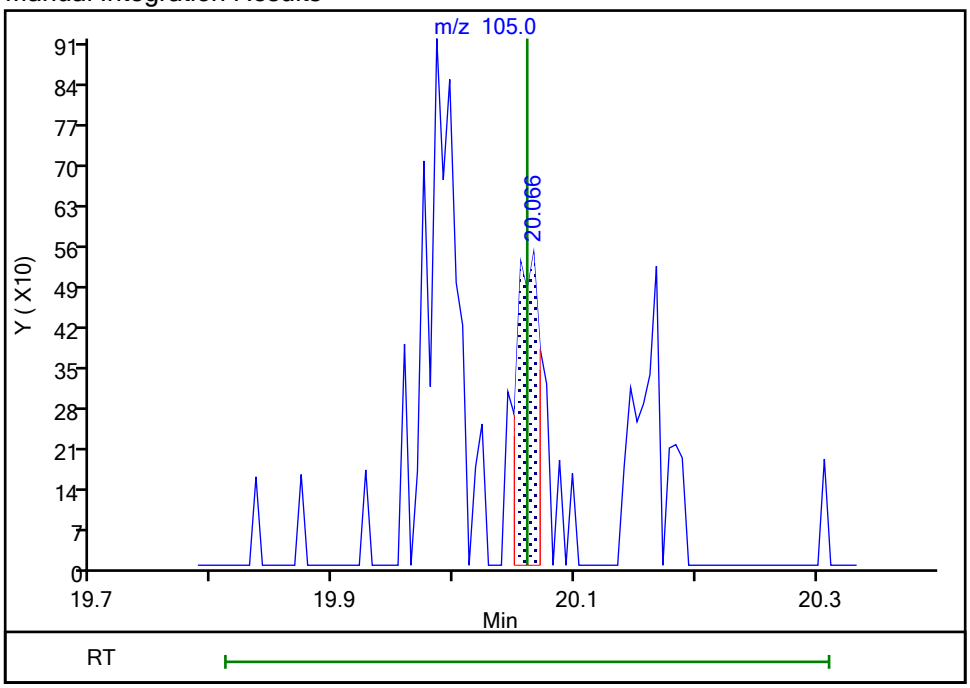
Processing Integration Results

RT: 20.07
Area: 901
Amount: 0.015630
Amount Units: ppb v/v



Manual Integration Results

RT: 20.07
Area: 702
Amount: 0.012178
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:03:41

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

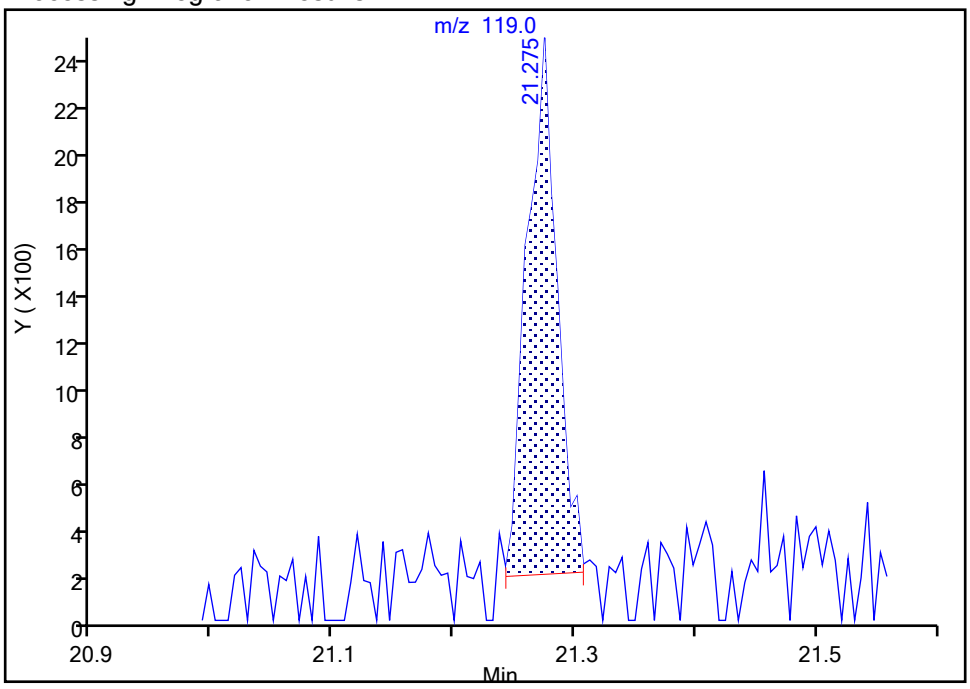
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

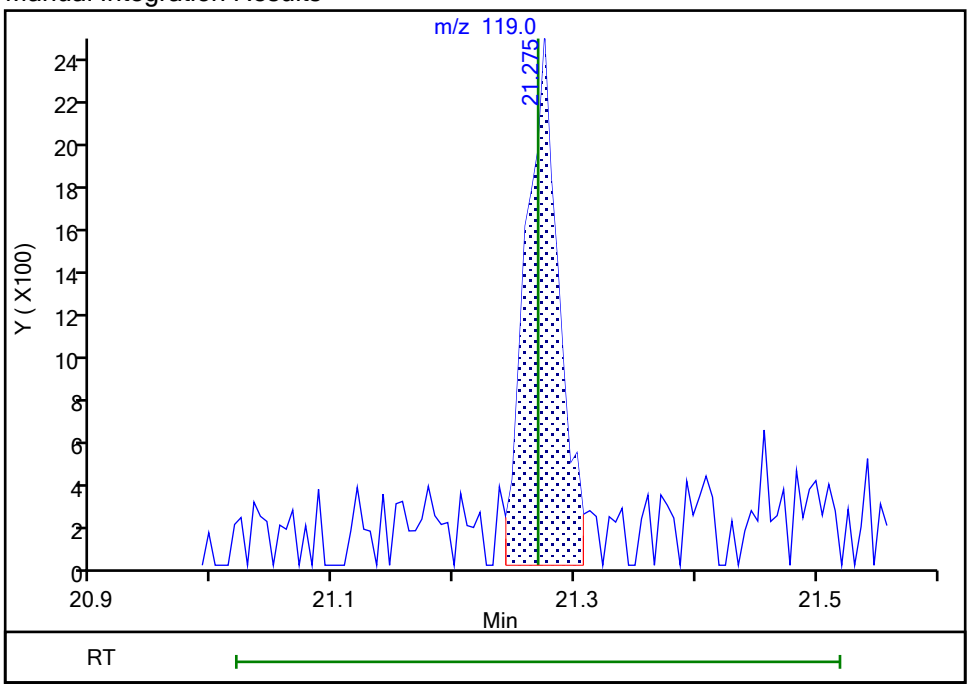
Processing Integration Results

RT: 21.27
Area: 3873
Amount: 0.061321
Amount Units: ppb v/v



Manual Integration Results

RT: 21.27
Area: 4678
Amount: 0.074066
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:04:16

Audit Action: Manually Integrated Audit Reason: Assign Peak

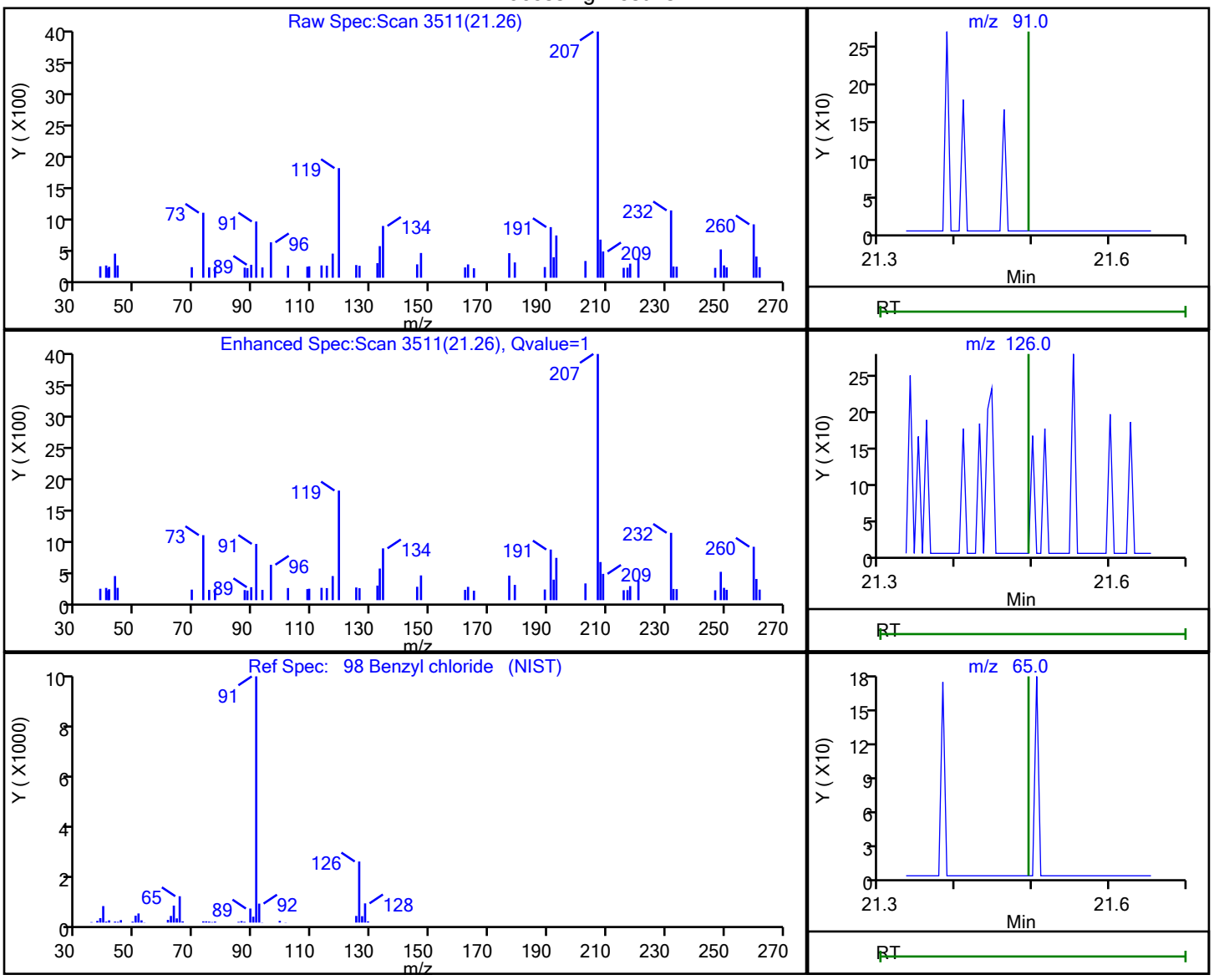
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
21.26	91.00	1536	0.033100
21.26	126.00	171	
21.27	65.00	162	

Reviewer: bunmaa, 04-May-2021 09:04:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

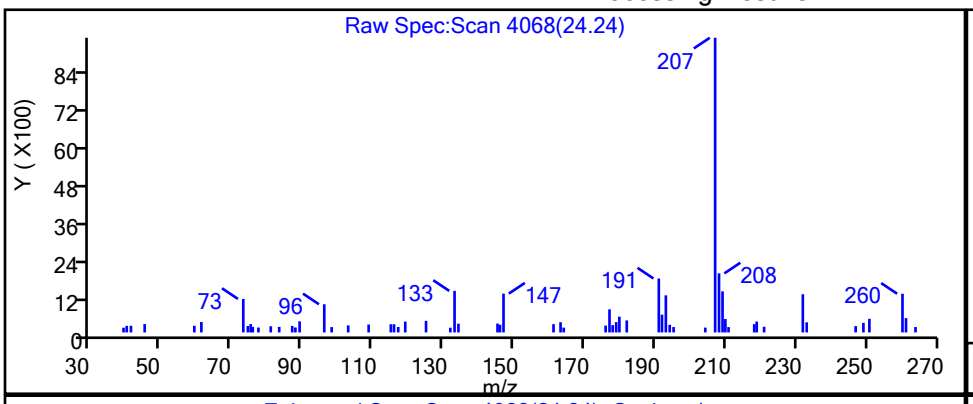
User Disabled Compound Report

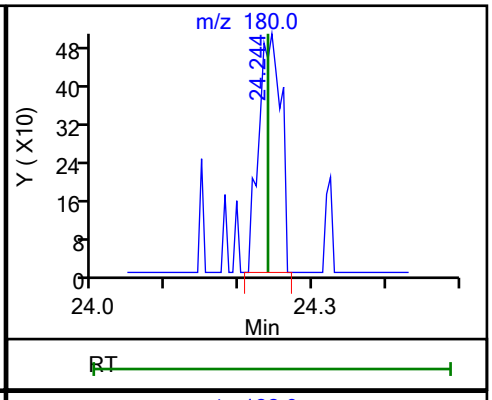
Eurofins TestAmerica, Burlington

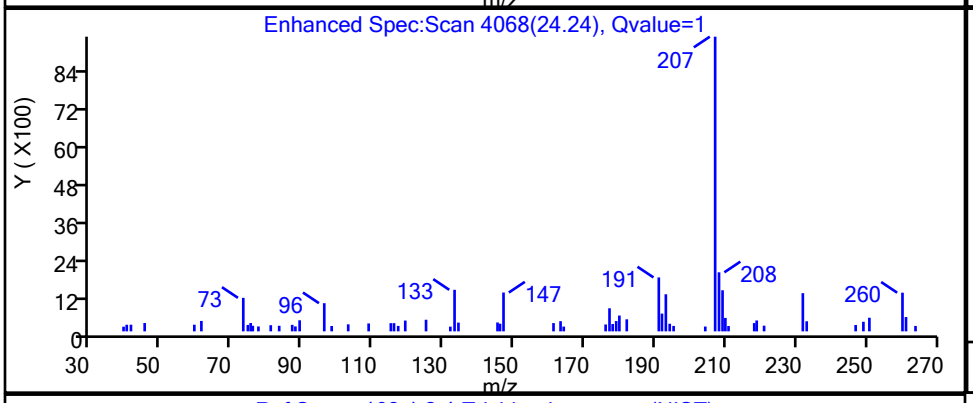
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

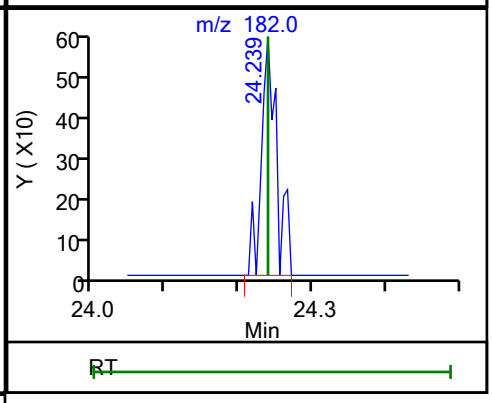
103 1,2,4-Trichlorobenzene, CAS: 120-82-1

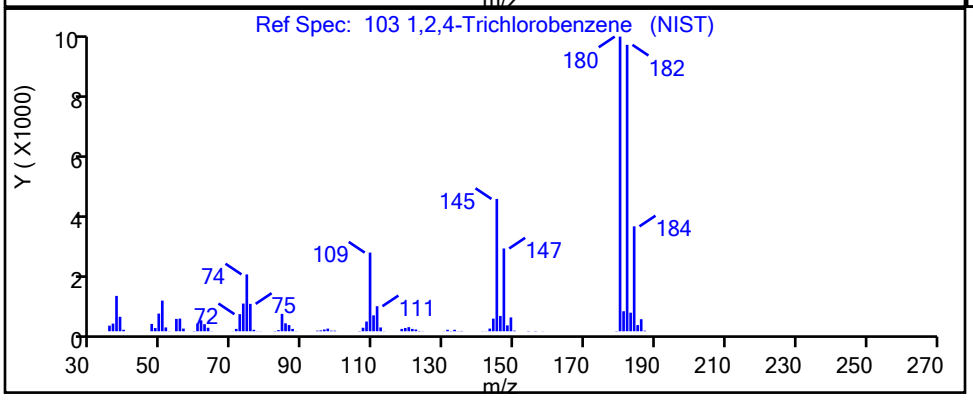
Processing Results











RT	Mass	Response	Amount
24.24	180.00	1066	0.033185
24.24	182.00	870	

Reviewer: bunmaa, 04-May-2021 09:04:42

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

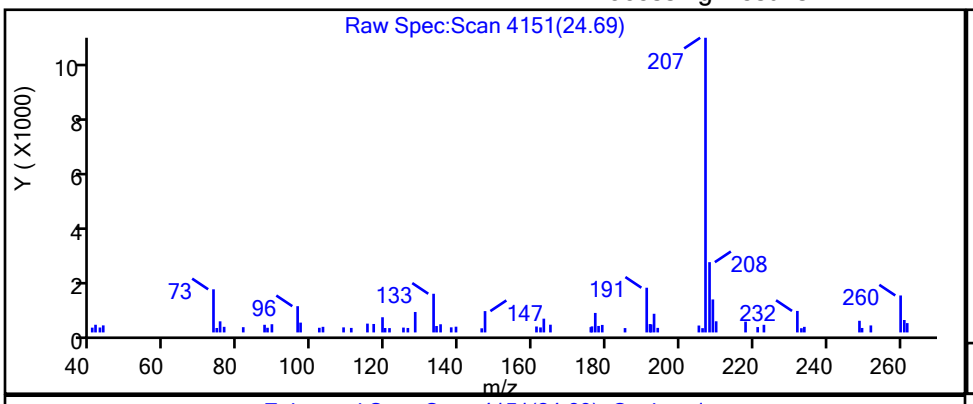
User Disabled Compound Report

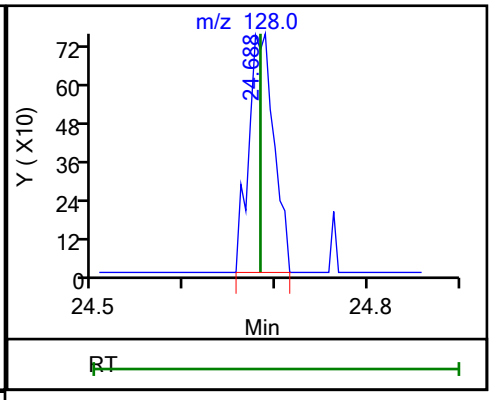
Eurofins TestAmerica, Burlington

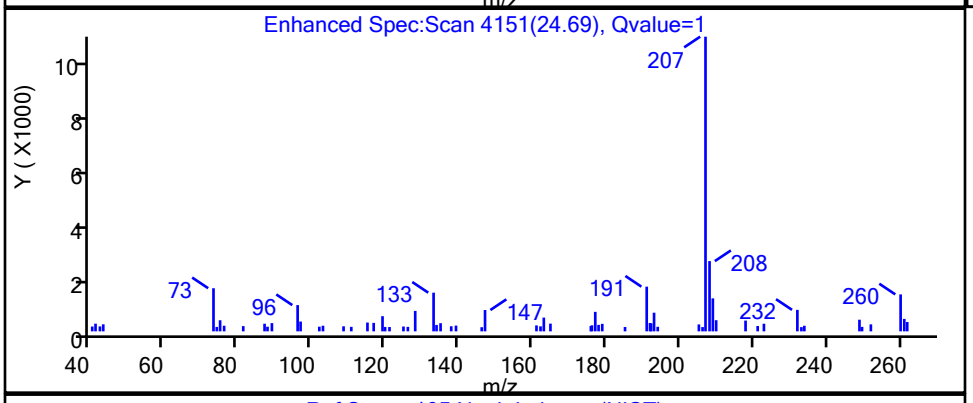
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-010.D				
Injection Date:	03-May-2021 15:31:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-3	Lab Sample ID:	200-58258-3		
Client ID:	SV-02_20210428				
Operator ID:	ggg	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

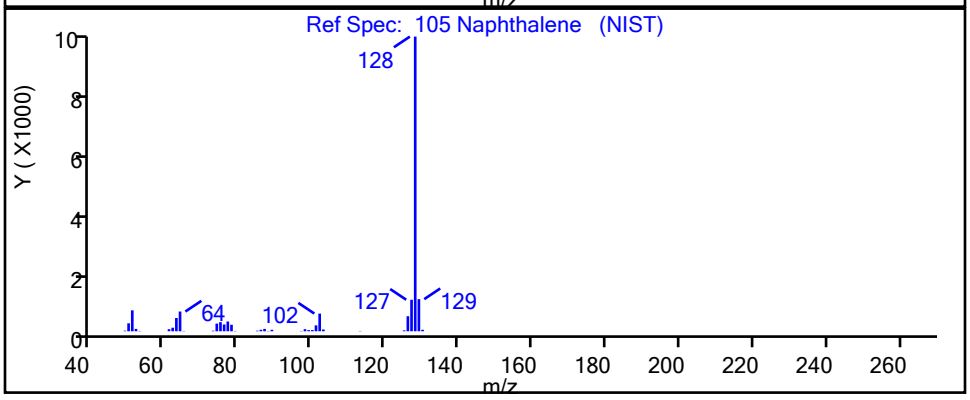
105 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
24.69	128.00	1441	0.020930

Reviewer: bunmaa, 04-May-2021 09:04:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-03_20210428 Lab Sample ID: 200-58258-4

Matrix: Air Lab File ID: 45779-24.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:48

Sample wt/vol: 200(mL) Date Analyzed: 05/01/2021 04:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.1	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.86	J	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	0.41	J	1.0	0.25
106-97-8	n-Butane	58.12	18		1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	2.1		0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.11
67-64-1	Acetone	58.08	60		12	4.8
67-63-0	Isopropyl alcohol	60.10	3.6	J	12	2.4
75-15-0	Carbon disulfide	76.14	1.5	J	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	0.60	J	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	6.9		0.70	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	*Methyl Ethyl Ketone (2-Butanone)*	*72.11*	*640*	*E*	*1.5*	*0.50*
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.66	J	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	2.0		0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	2.9		0.93	0.16
71-43-2	Benzene	78.11	3.2		0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-03_20210428 Lab Sample ID: 200-58258-4

Matrix: Air Lab File ID: 45779-24.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:48

Sample wt/vol: 200(mL) Date Analyzed: 05/01/2021 04:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	15		0.82	0.24
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.9		2.0	0.78
108-88-3	Toluene	92.14	14		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	5.2		1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	65		2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	8.2		0.87	0.43
179601-23-1	m,p-Xylene	106.17	37		2.2	0.74
95-47-6	o-Xylene	106.17	15		0.87	0.41
100-42-5	Styrene	104.15	1.7		0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	4.2		0.98	0.23
622-96-8	4-Ethyltoluene	120.20	5.2		0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	6.7		0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	20		0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.4		1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1		1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-03_20210428 Lab Sample ID: 200-58258-4

Matrix: Air Lab File ID: 45779-24.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:48

Sample wt/vol: 200(mL) Date Analyzed: 05/01/2021 04:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.3		1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-03_20210428 Lab Sample ID: 200-58258-4

Matrix: Air Lab File ID: 45779-24.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:48

Sample wt/vol: 200(mL) Date Analyzed: 05/01/2021 04:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.42	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.24	J	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.20	J	0.50	0.12
106-97-8	n-Butane	58.12	7.5		0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.95		0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.25		0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.029
67-64-1	Acetone	58.08	25		5.0	2.0
67-63-0	Isopropyl alcohol	60.10	1.5	J	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.47	J	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.17	J	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.088
110-54-3	n-Hexane	86.17	2.0		0.20	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	*Methyl Ethyl Ketone (2-Butanone)*	*72.11*	*220*	*E*	*0.50*	*0.17*
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.14	J	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.57		0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.62		0.20	0.035
71-43-2	Benzene	78.11	1.0		0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-03_20210428 Lab Sample ID: 200-58258-4

Matrix: Air Lab File ID: 45779-24.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:48

Sample wt/vol: 200(mL) Date Analyzed: 05/01/2021 04:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	3.7		0.20	0.059
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.72		0.50	0.19
108-88-3	Toluene	92.14	3.6		0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.76		0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	16		0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	1.9		0.20	0.10
179601-23-1	m,p-Xylene	106.17	8.6		0.50	0.17
95-47-6	o-Xylene	106.17	3.5		0.20	0.094
100-42-5	Styrene	104.15	0.39		0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.85		0.20	0.047
622-96-8	4-Ethyltoluene	120.20	1.1		0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	1.4		0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	4.0		0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.25		0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20		0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-03_20210428 Lab Sample ID: 200-58258-4

Matrix: Air Lab File ID: 45779-24.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:48

Sample wt/vol: 200(mL) Date Analyzed: 05/01/2021 04:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.23		0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D
Lims ID: 200-58258-A-4
Client ID: SV-03_20210428
Sample Type: Client
Inject. Date: 01-May-2021 04:03:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045779-024
Misc. Info.: 58258-4
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 03-May-2021 12:15:34 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: bunmaa Date: 03-May-2021 12:15:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.439	4.434	0.010	99	10211	0.4217	
3 Chlorodifluoromethane	51	4.488	4.472	0.016	95	3583	0.2434	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.787				ND	MU
5 Chloromethane	50	4.921	4.921	0.011	56	1707	0.1982	M
6 Butane	43	5.242	5.226	0.016	95	92171	7.54	
7 Vinyl chloride	62		5.226				ND	
8 Butadiene	54	5.354	5.338	0.016	95	6254	0.9533	
10 Bromomethane	94		6.055				ND	
11 Chloroethane	64		6.323				ND	
13 Vinyl bromide	106		6.740				ND	
14 Trichlorofluoromethane	101	6.906	6.911	0.006	96	4845	0.2462	
21 1,1-Dichloroethene	96		7.960				ND	
20 112TCTFE	101		7.992				ND	U
22 Acetone	43	8.018	8.009	0.005	97	271843	25.2	
24 Isopropyl alcohol	45	8.296	8.286	0.010	100	18303	1.48	
23 Carbon disulfide	76	8.382	8.373	0.005	98	10082	0.4679	
25 3-Chloro-1-propene	41		8.655				ND	
27 Methylene Chloride	49	8.896	8.890	0.005	85	1198	0.1726	
28 2-Methyl-2-propanol	59	9.062	9.041	0.016	95	10715	0.8000	
29 Methyl tert-butyl ether	73		9.367				ND	
31 trans-1,2-Dichloroethene	61		9.388				ND	
33 Hexane	57	9.891	9.880	0.011	92	20440	1.97	
34 1,1-Dichloroethane	63		10.153				ND	
38 2-Butanone (MEK)	72	11.105	11.094	0.010	98	822510	217.7	E
37 cis-1,2-Dichloroethene	96		11.143				ND	
* 40 Chlorobromomethane	128	11.565	11.565	0.000	80	64622	10.0	
41 Tetrahydrofuran	42	11.587	11.587	0.006	16	1977	0.2853	M
42 Chloroform	83	11.736	11.736	-0.001	92	2100	0.1352	
44 1,1,1-Trichloroethane	97		12.036				ND	
43 Cyclohexane	84	12.180	12.170	-0.001	78	6098	0.5747	
45 Carbon tetrachloride	117		12.314				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
47 Benzene	78	12.667	12.662	0.005	95	24354	1.00	
48 1,2-Dichloroethane	62		12.748				ND	
46 Isooctane	57	12.870	12.865	0.005	92	21663	0.6249	
49 n-Heptane	43	13.175	13.170	0.005	73	41657	3.66	
* 50 1,4-Difluorobenzene	114	13.400	13.400	0.000	93	327777	10.0	
53 Trichloroethene	95		13.828				ND	
54 1,2-Dichloropropane	63		14.294				ND	
55 Methyl methacrylate	69		14.358				ND	U
56 1,4-Dioxane	88		14.401				ND	
58 Dichlorobromomethane	83		14.759				ND	
60 cis-1,3-Dichloropropene	75		15.556				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.797	15.797	0.005	92	10426	0.7193	M
65 Toluene	92	16.193	16.193	0.000	93	62461	3.59	
66 trans-1,3-Dichloropropene	75		16.610				ND	U
67 1,1,2-Trichloroethane	83		16.990				ND	MU
68 Tetrachloroethene	166	17.182	17.178	-0.001	97	12541	0.7629	
69 2-Hexanone	43	17.370	17.370	0.000	97	192801	15.9	
71 Chlorodibromomethane	129		17.734				ND	
72 Ethylene Dibromide	107		17.980				ND	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	84	255096	10.0	
75 Chlorobenzene	112		18.937				ND	
76 Ethylbenzene	91	19.119	19.119	0.000	98	64524	1.88	
78 m-Xylene & p-Xylene	106	19.365	19.386	-0.016	0	117243	8.57	
79 o-Xylene	106	20.157	20.152	0.005	99	43362	3.47	
80 Styrene	104	20.194	20.194	0.000	91	7060	0.3948	M
81 Bromoform	173		20.548				ND	
82 Isopropylbenzene	105		20.836				ND	U
84 1,1,2,2-Tetrachloroethane	83		21.355				ND	U
85 N-Propylbenzene	91	21.548	21.553	0.000	100	31263	0.8481	
89 2-Chlorotoluene	91		21.698				ND	U
88 4-Ethyltoluene	105	21.740	21.746	-0.001	99	32393	1.06	
90 1,3,5-Trimethylbenzene	105	21.837	21.837	0.000	93	38340	1.37	
92 tert-Butylbenzene	119		22.313				ND	
93 1,2,4-Trimethylbenzene	105	22.398	22.398	-0.001	97	100286	3.97	
94 sec-Butylbenzene	105	22.634	22.639	0.000	97	10885	0.2510	
96 1,3-Dichlorobenzene	146		22.816				ND	7
95 4-Isopropyltoluene	119	22.848	22.848	0.000	97	6713	0.1997	
97 1,4-Dichlorobenzene	146		22.955				ND	7
98 Benzyl chloride	91		23.099				ND	U
100 n-Butylbenzene	91	23.404	23.397	0.000	96	5297	0.2294	
101 1,2-Dichlorobenzene	146		23.447				ND	
103 1,2,4-Trichlorobenzene	180		25.903				ND	
104 Hexachlorobutadiene	225		26.138				ND	
105 Naphthalene	128		26.384				ND	U

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

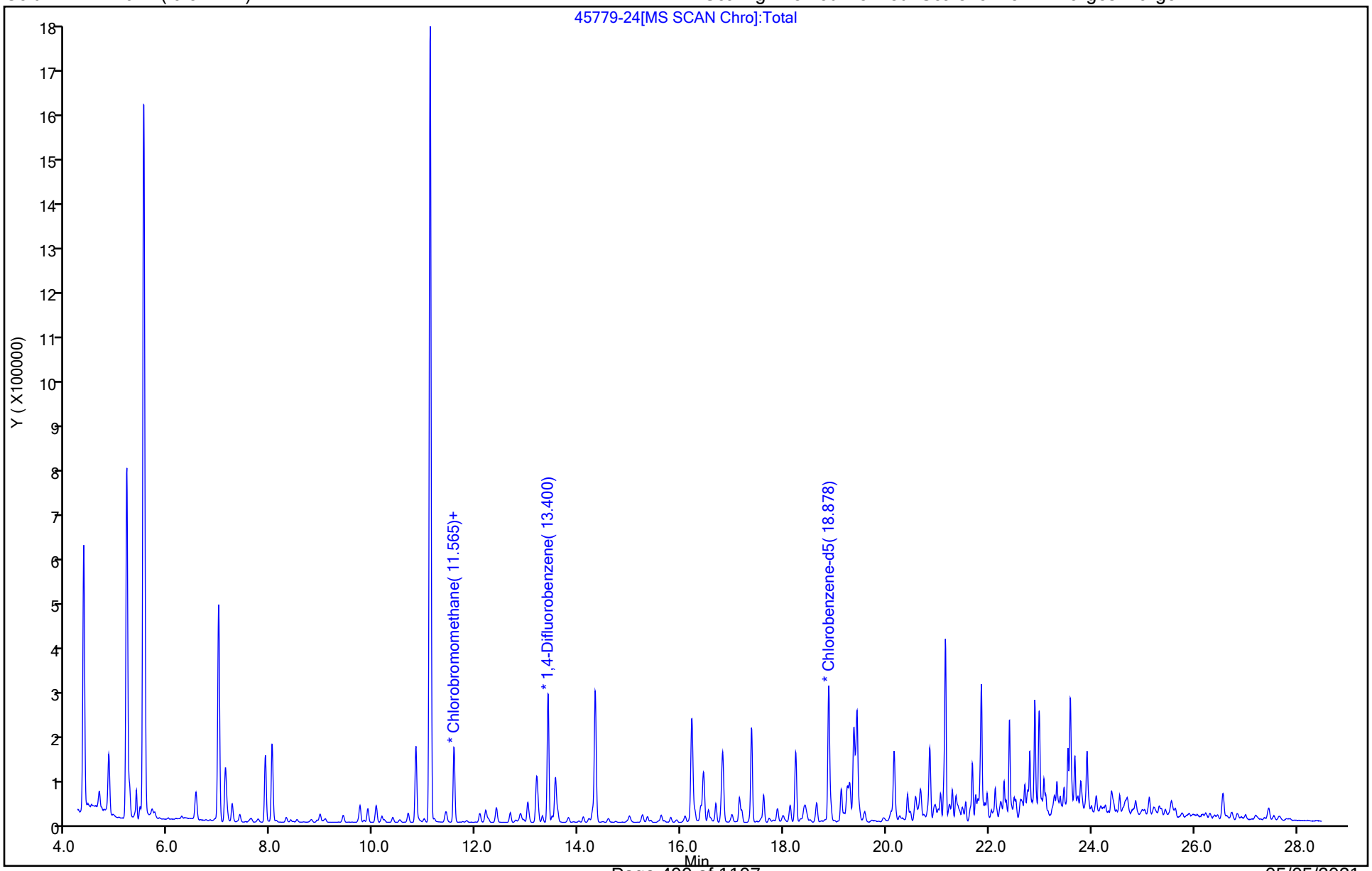
ATTO15XISs_00002 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 03-May-2021 12:15:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4	Worklist Smp#:	24
Client ID:	SV-03_20210428				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

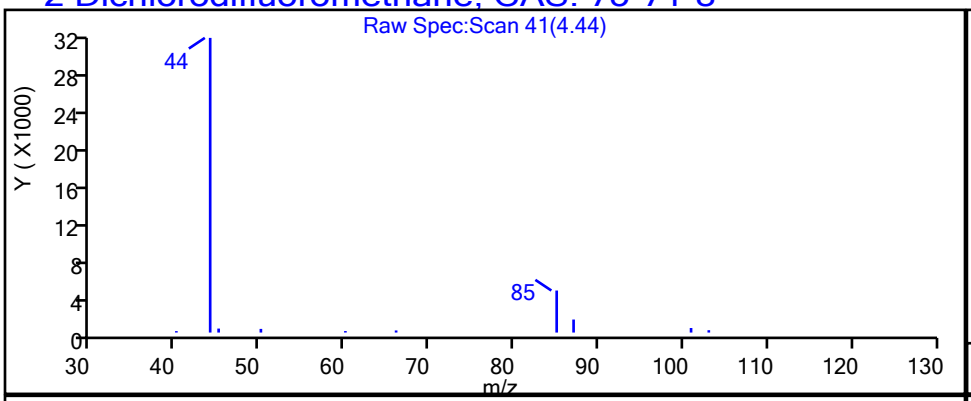


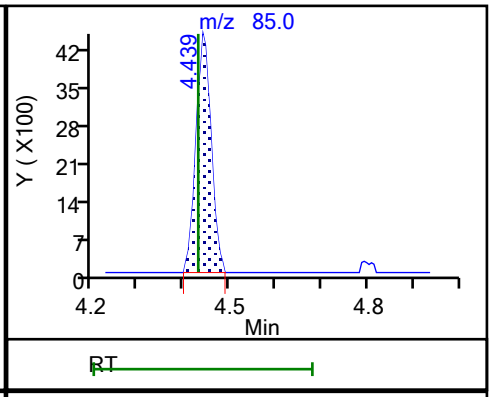
Report Date: 03-May-2021 12:15:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

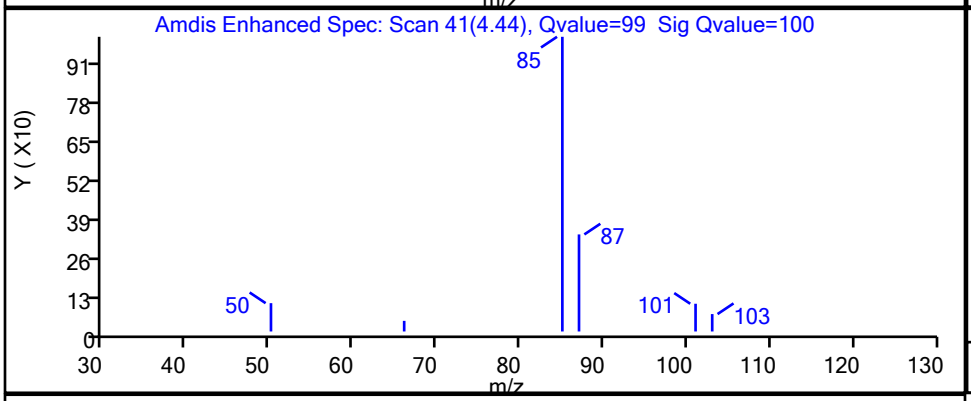
Eurofins TestAmerica, Burlington

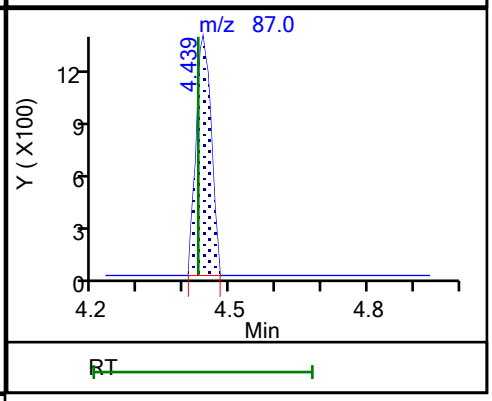
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

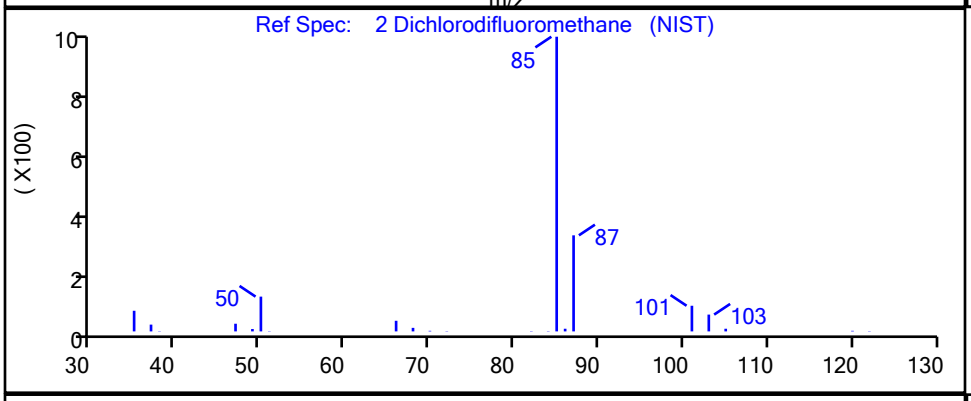
2 Dichlorodifluoromethane, CAS: 75-71-8

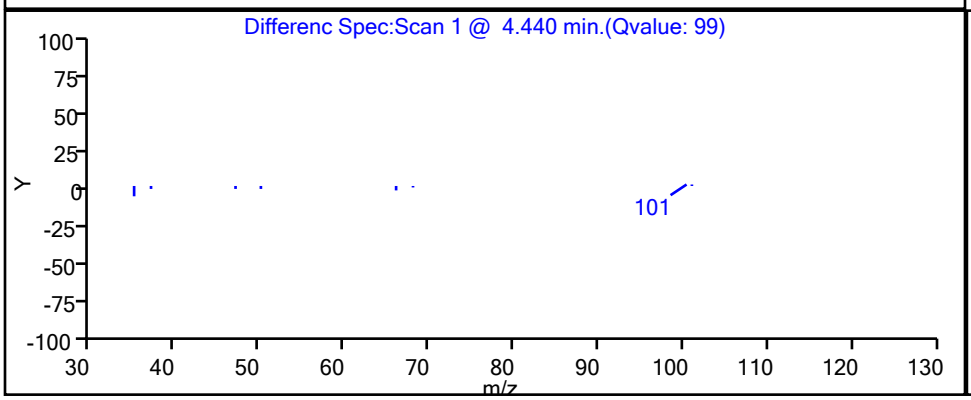


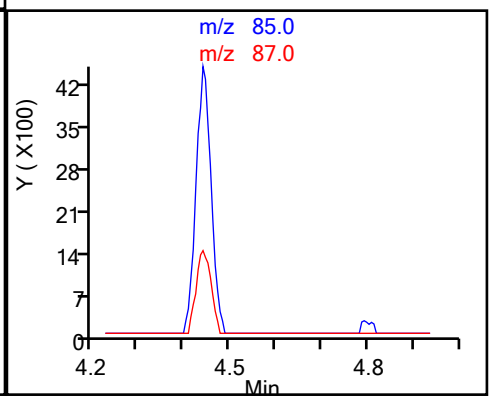










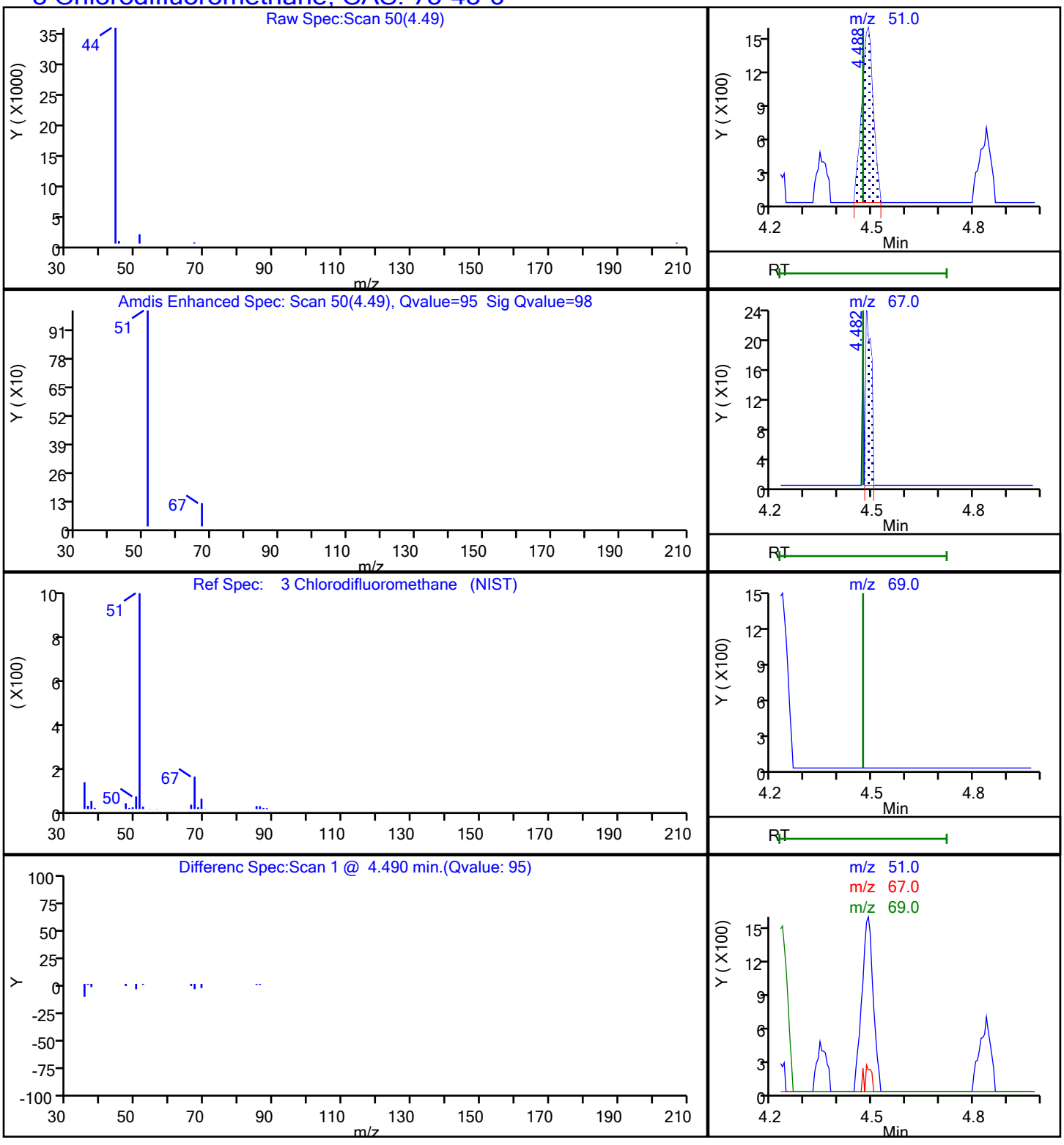


Report Date: 03-May-2021 12:15:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

3 Chlorodifluoromethane, CAS: 75-45-6



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Eurofins TestAmerica, Burlington

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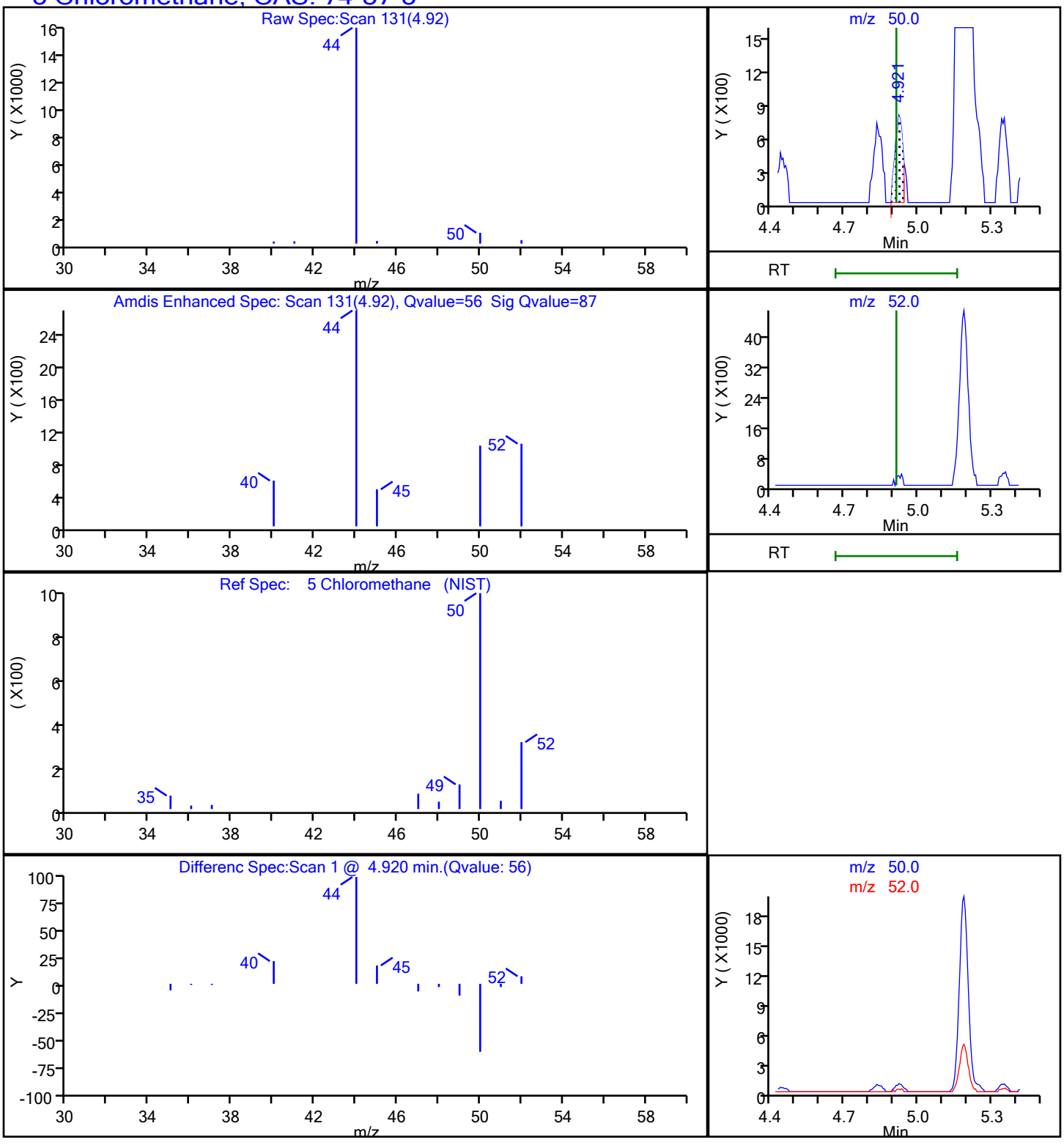
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

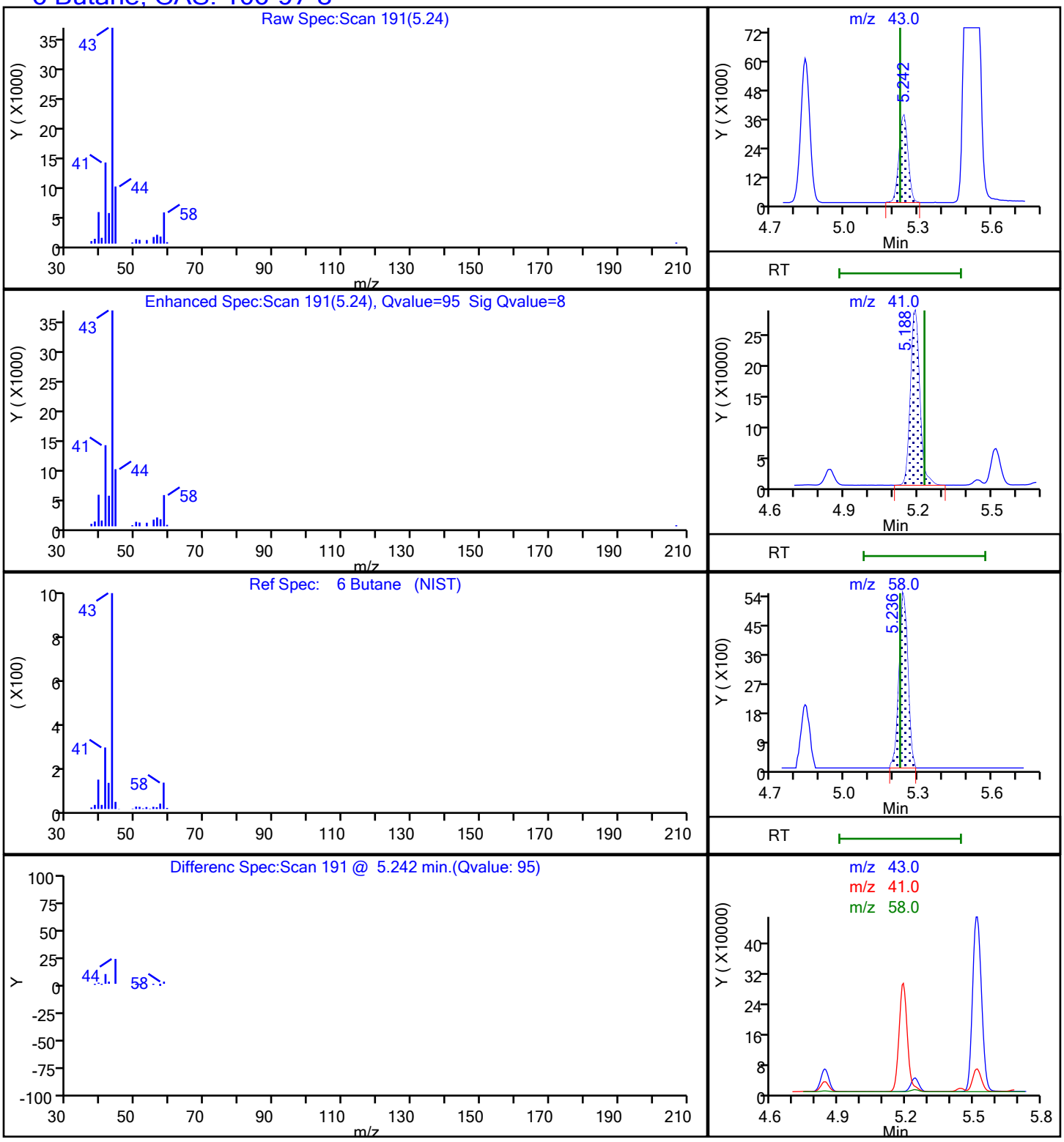


Report Date: 03-May-2021 12:15:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Butane, CAS: 106-97-8

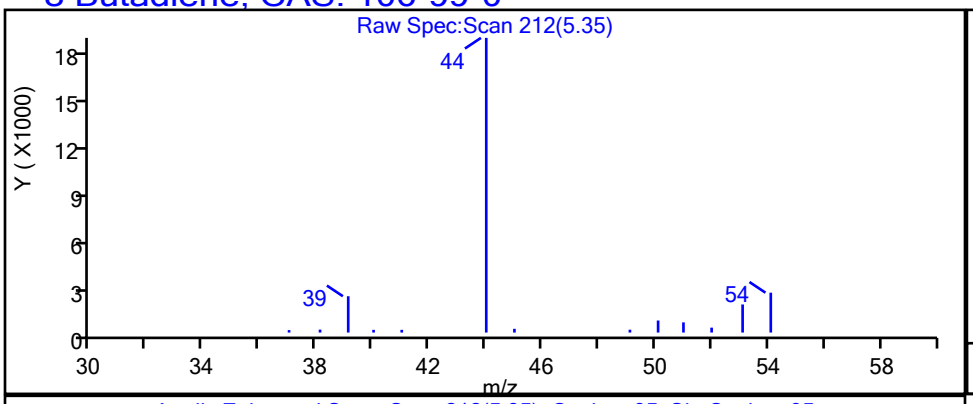


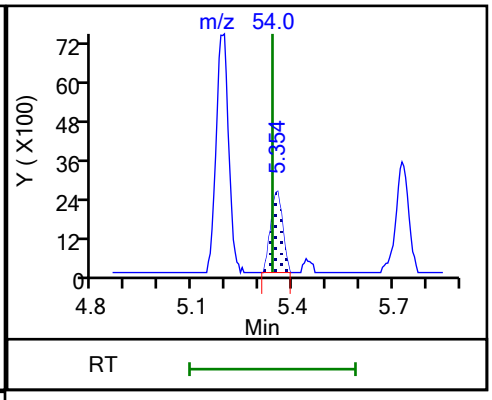
Report Date: 03-May-2021 12:15:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

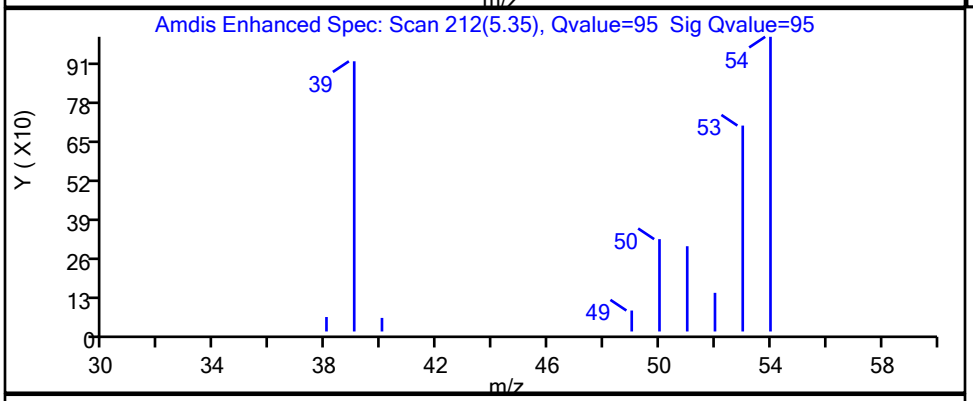
Eurofins TestAmerica, Burlington

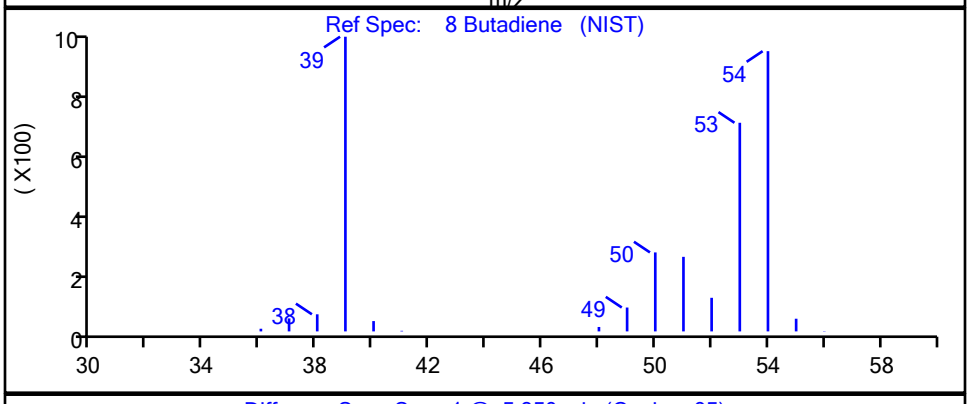
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

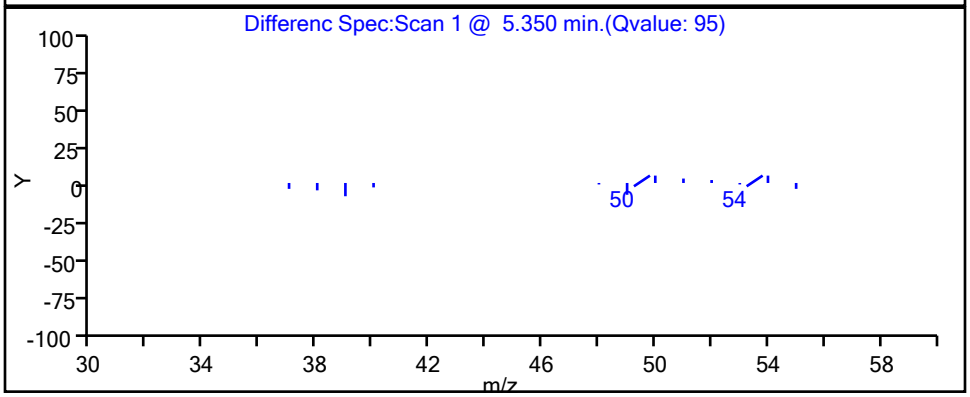
8 Butadiene, CAS: 106-99-0











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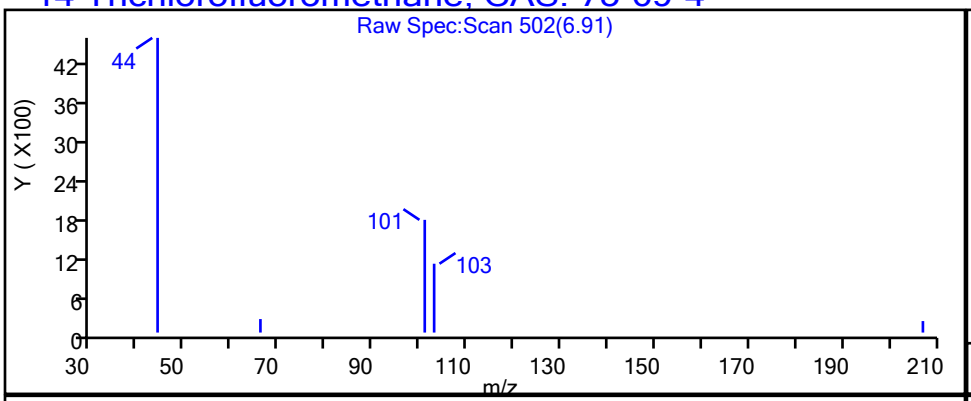
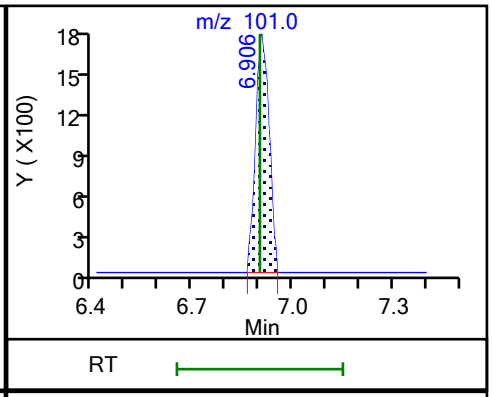
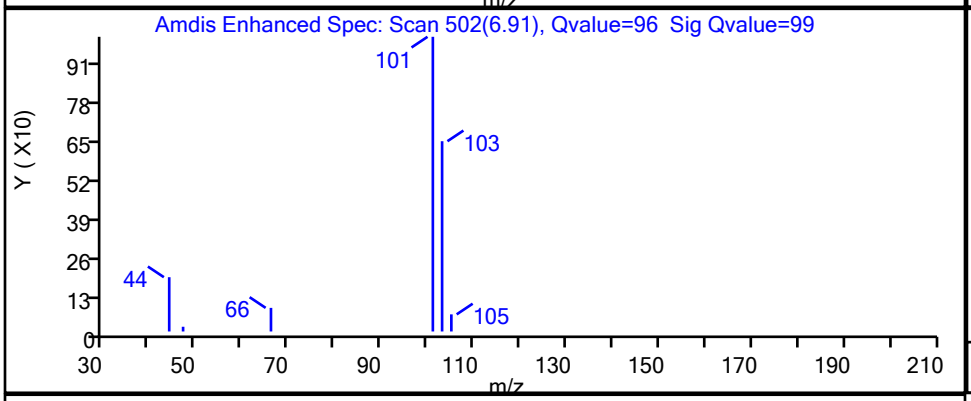
Eurofins TestAmerica, Burlington

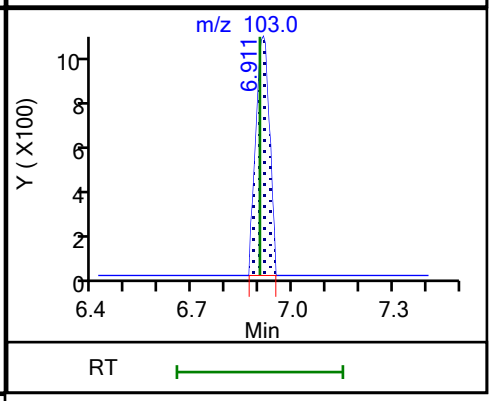
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

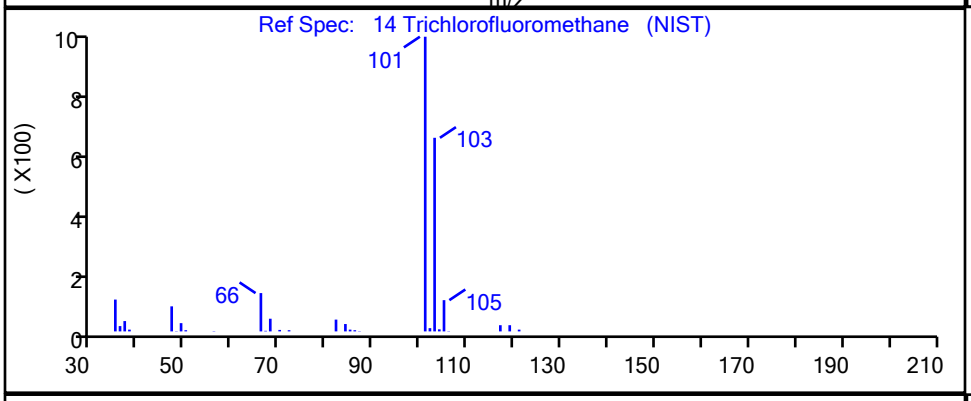
14 Trichlorofluoromethane, CAS: 75-69-4

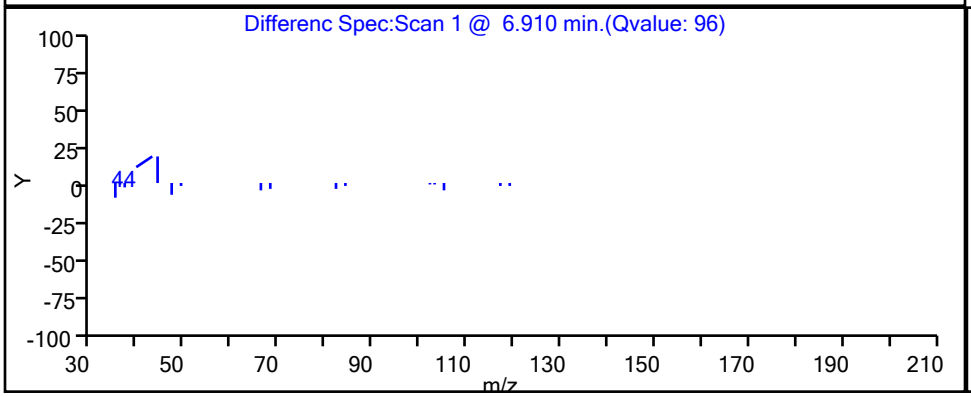


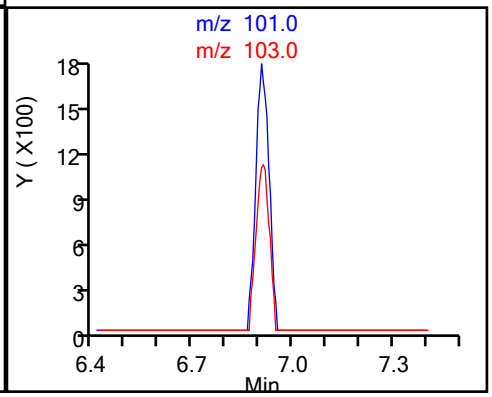








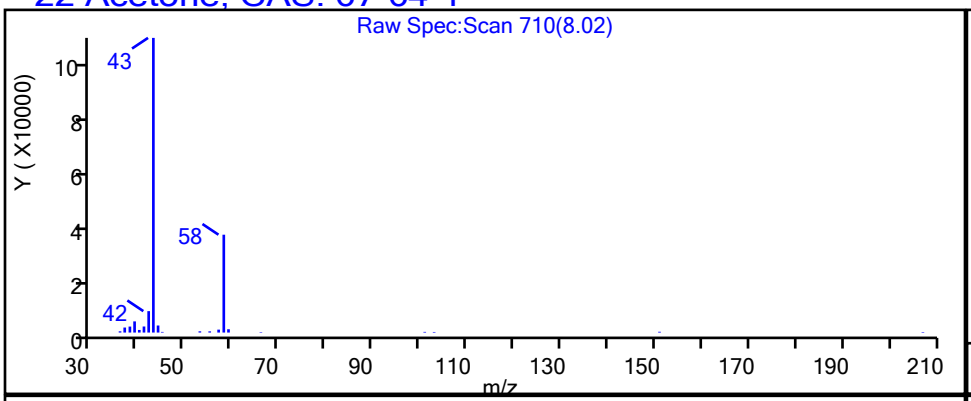


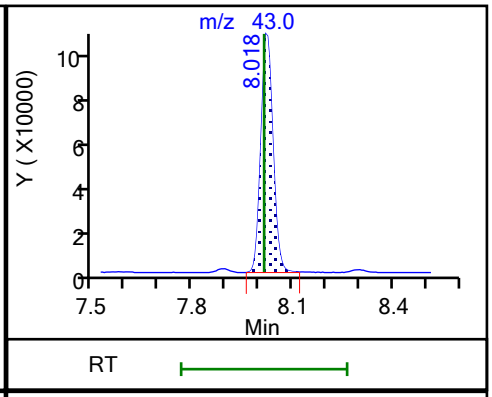


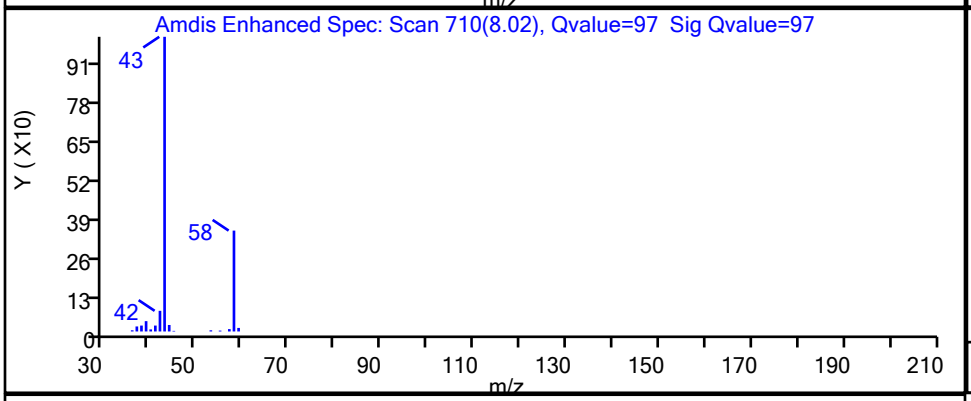
Eurofins TestAmerica, Burlington

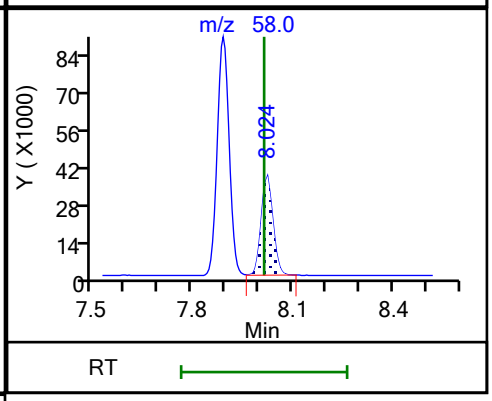
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

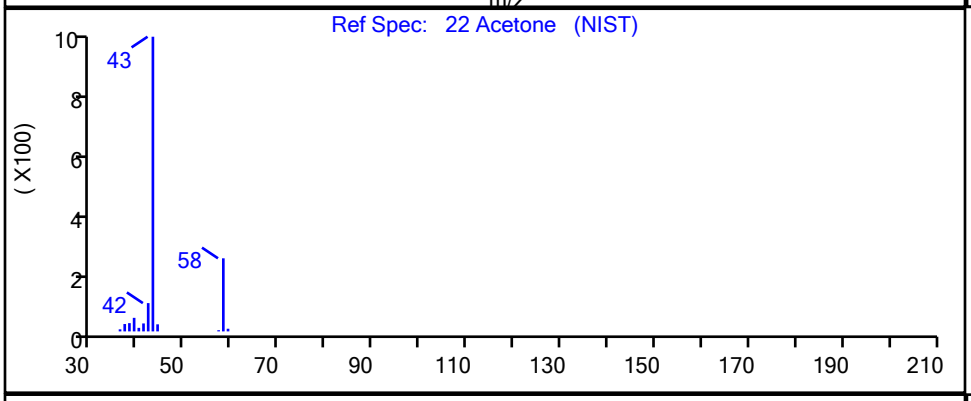
22 Acetone, CAS: 67-64-1

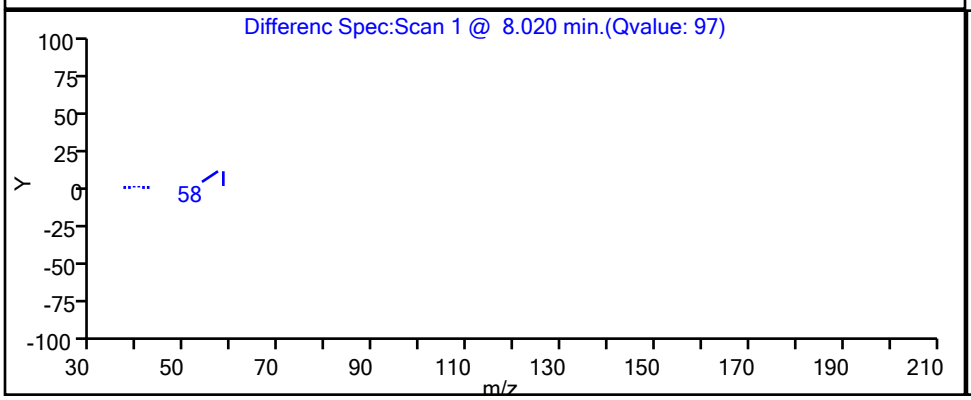


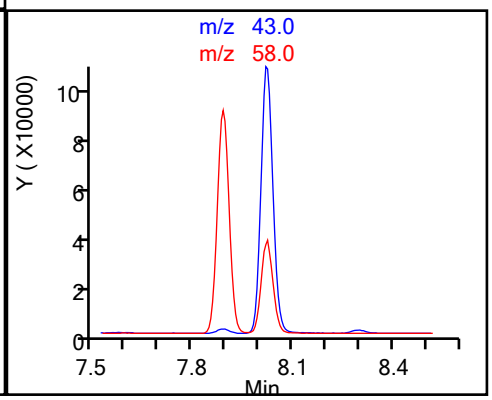












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Eurofins TestAmerica, Burlington

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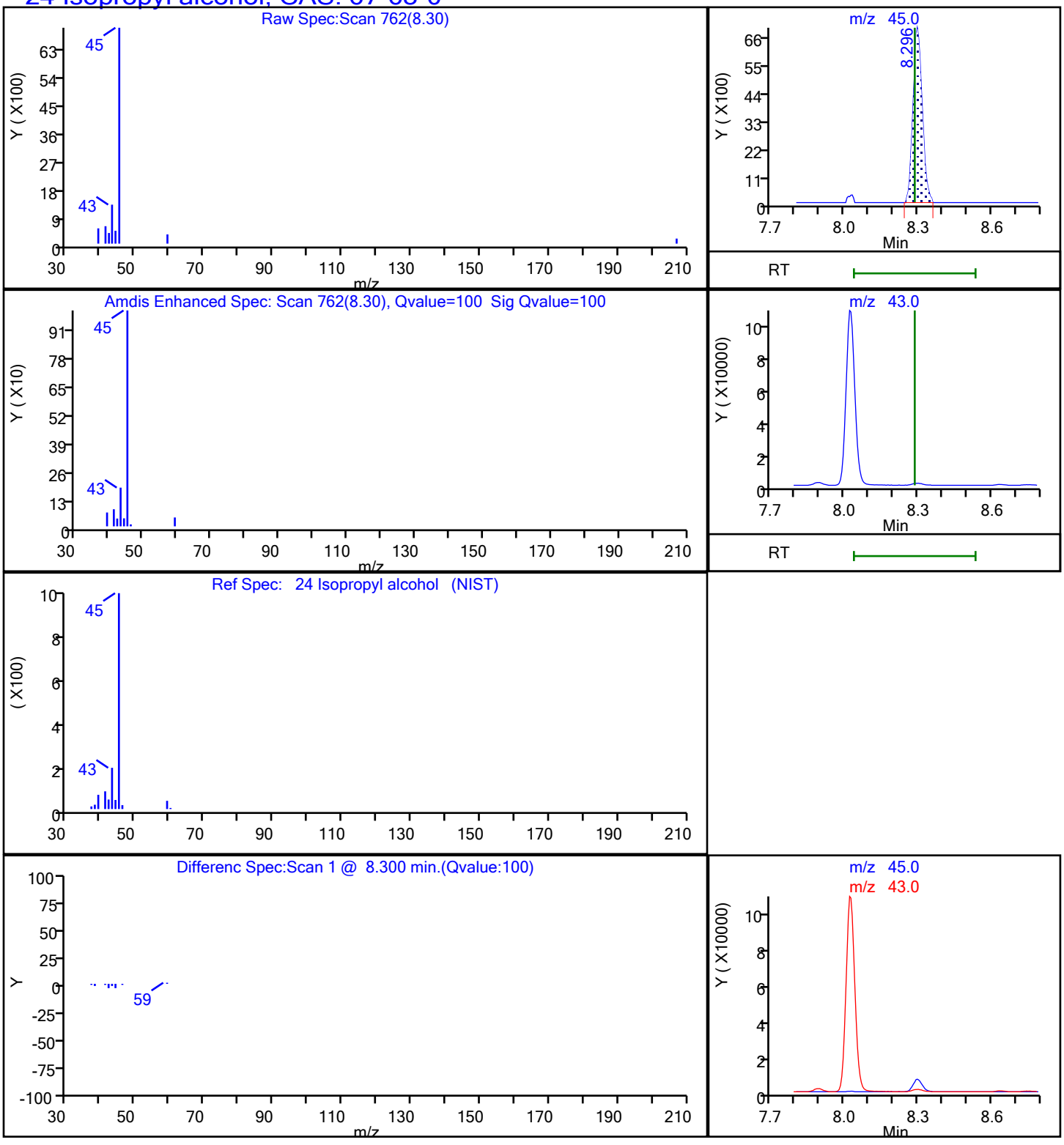
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

24 Isopropyl alcohol, CAS: 67-63-0



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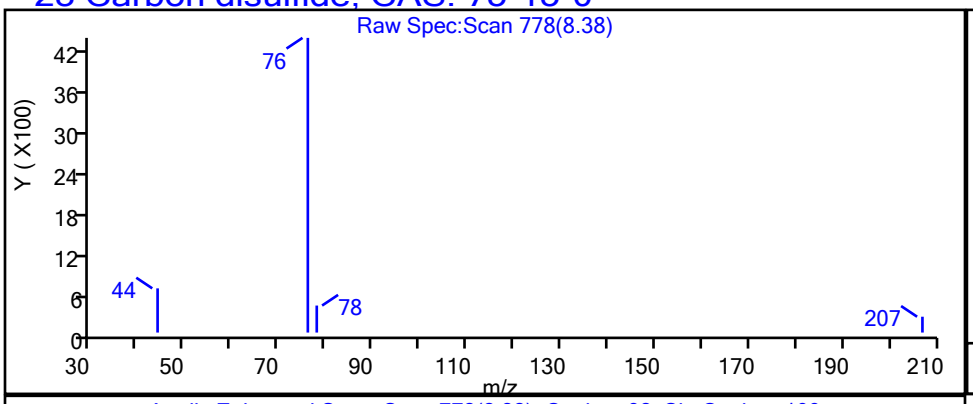
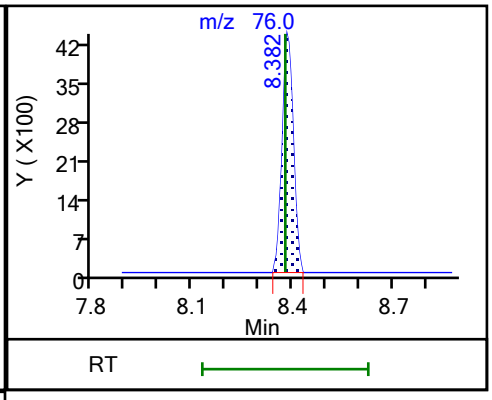
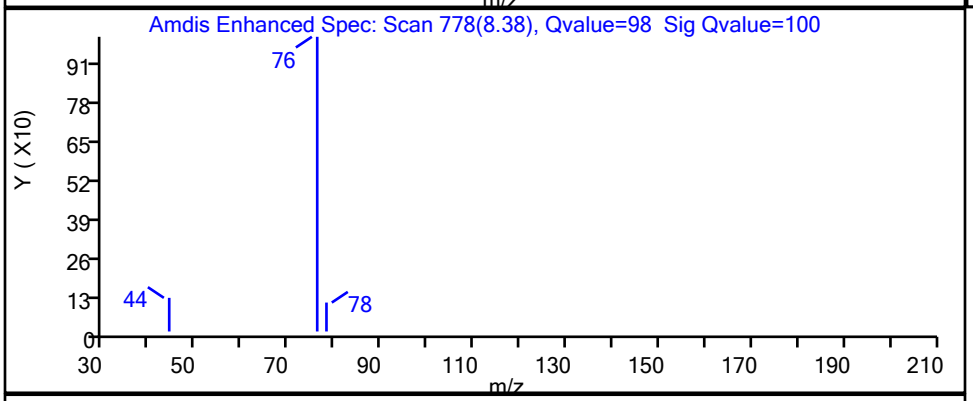
Eurofins TestAmerica, Burlington

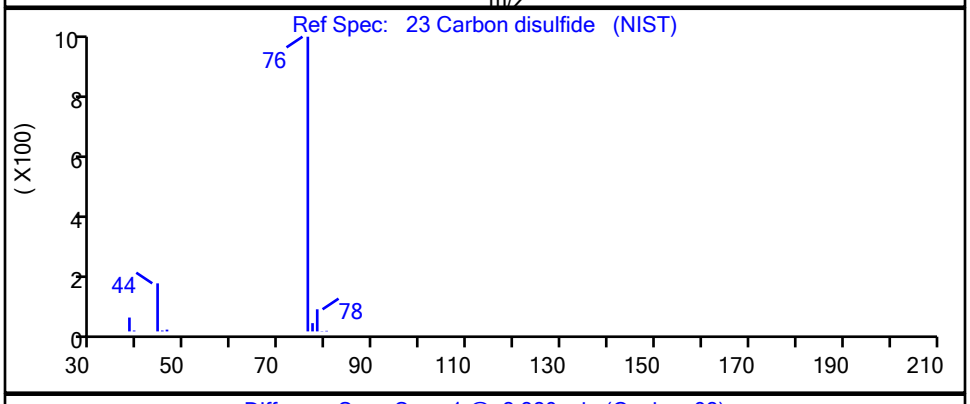
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

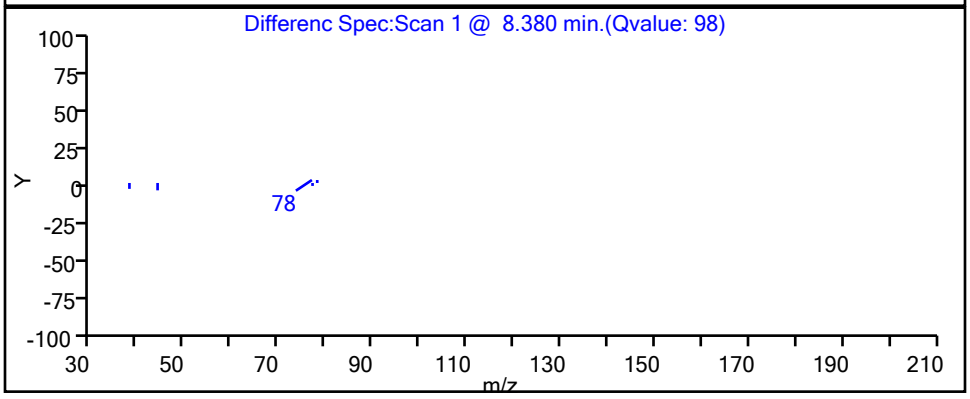
23 Carbon disulfide, CAS: 75-15-0







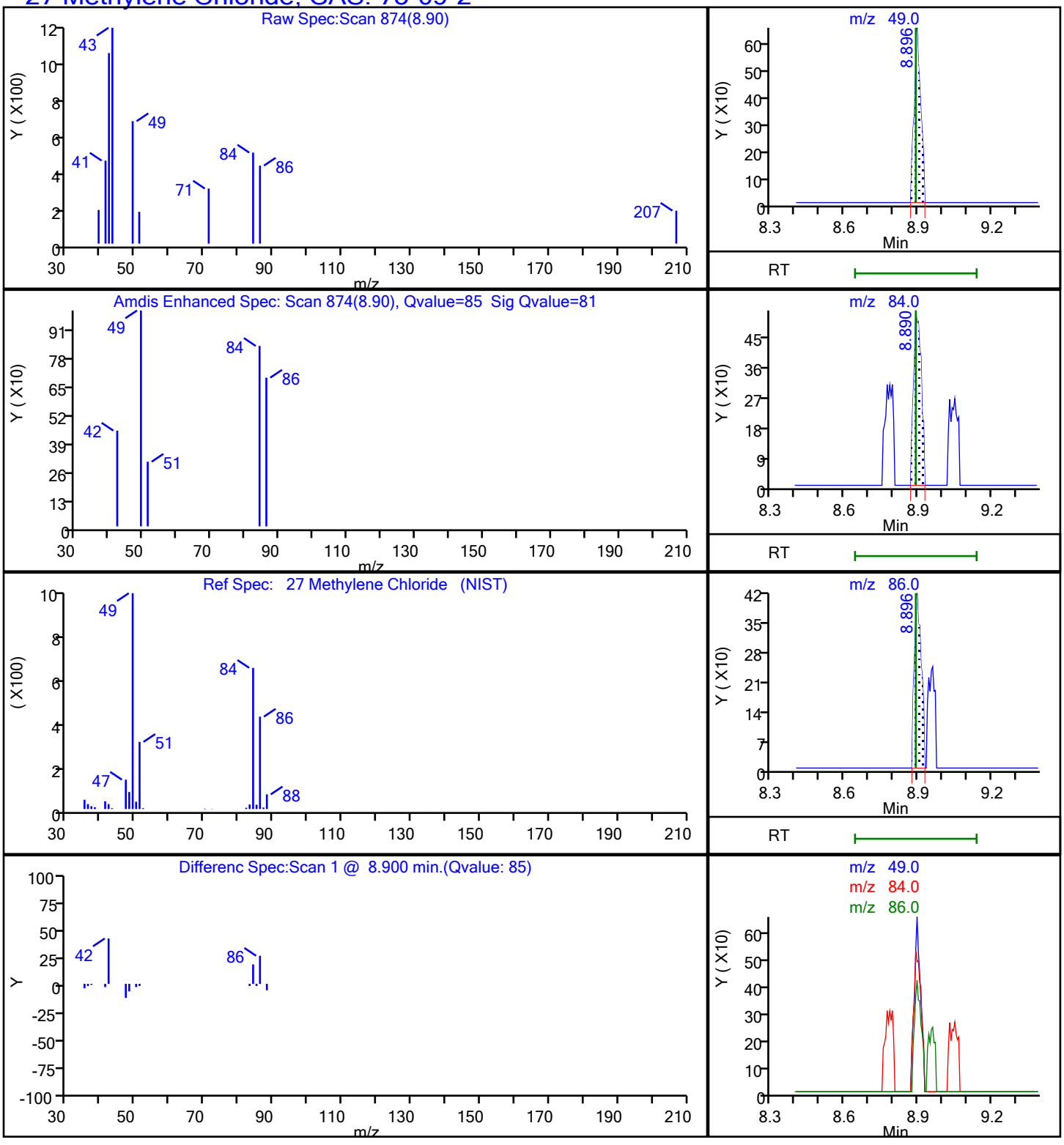




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

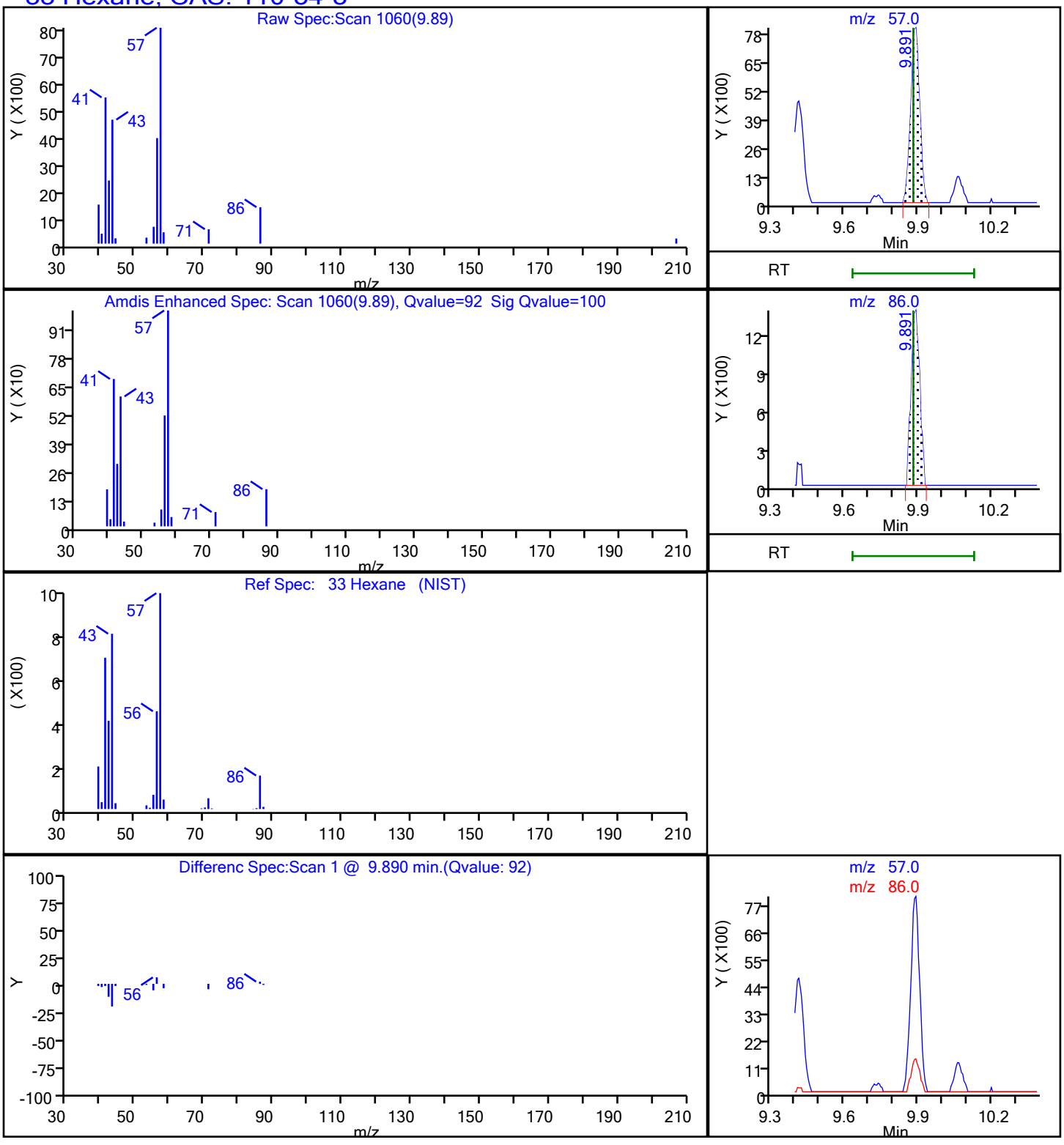
27 Methylene Chloride, CAS: 75-09-2



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 Hexane, CAS: 110-54-3



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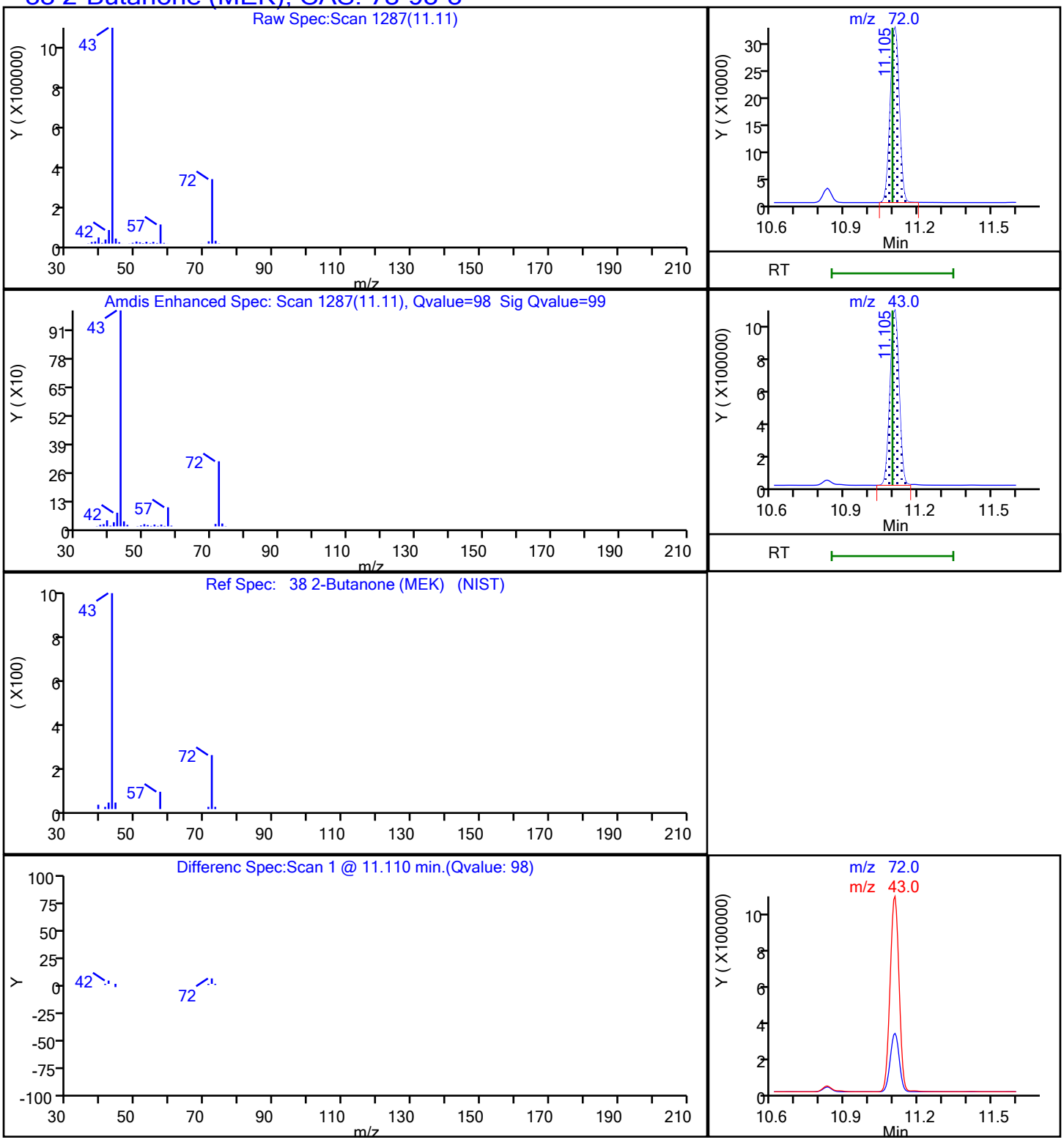
Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

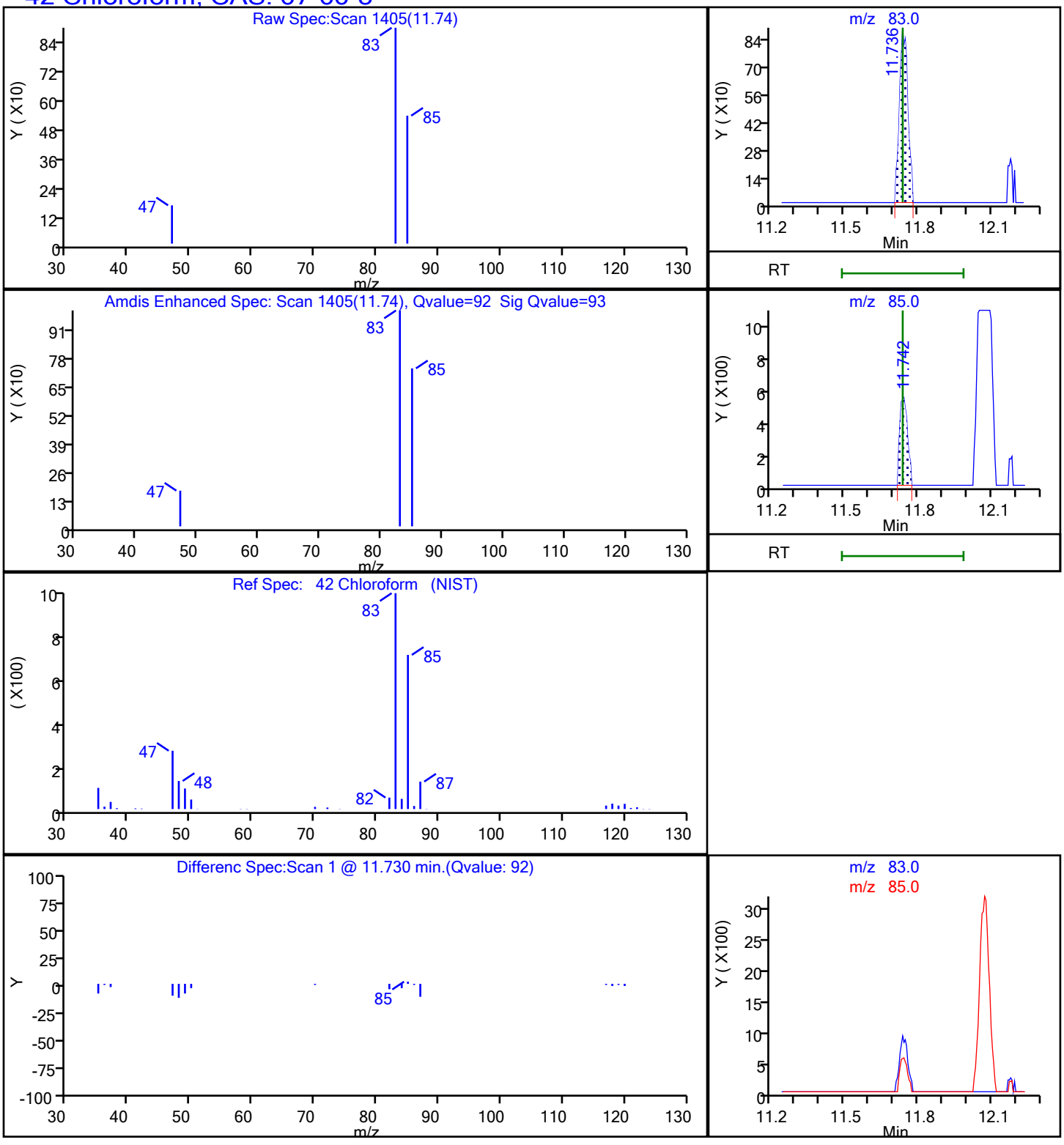
38 2-Butanone (MEK), CAS: 78-93-3



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 Chloroform, CAS: 67-66-3



Report Date: 03-May-2021 12:15:35 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

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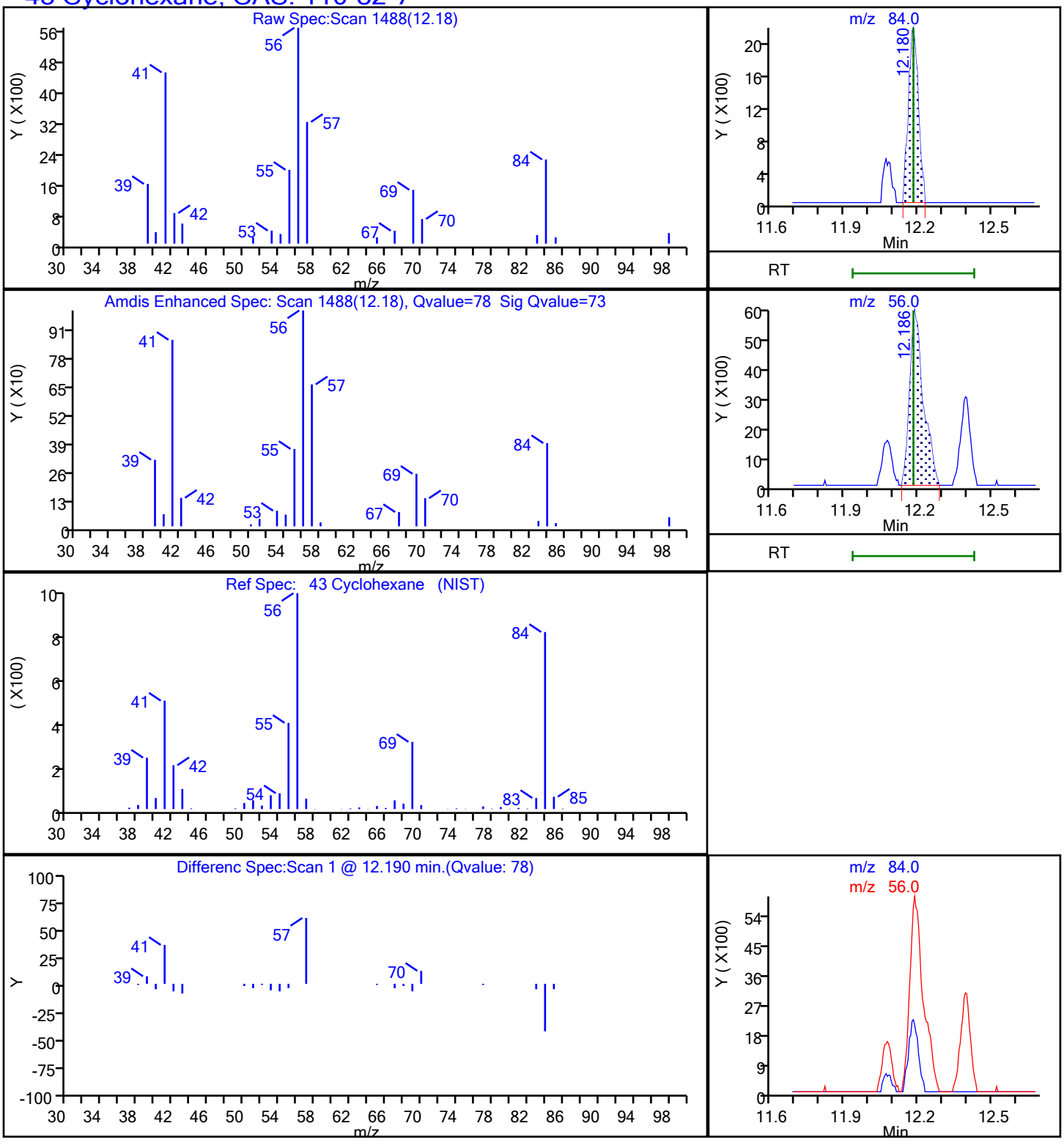
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7



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Eurofins TestAmerica, Burlington

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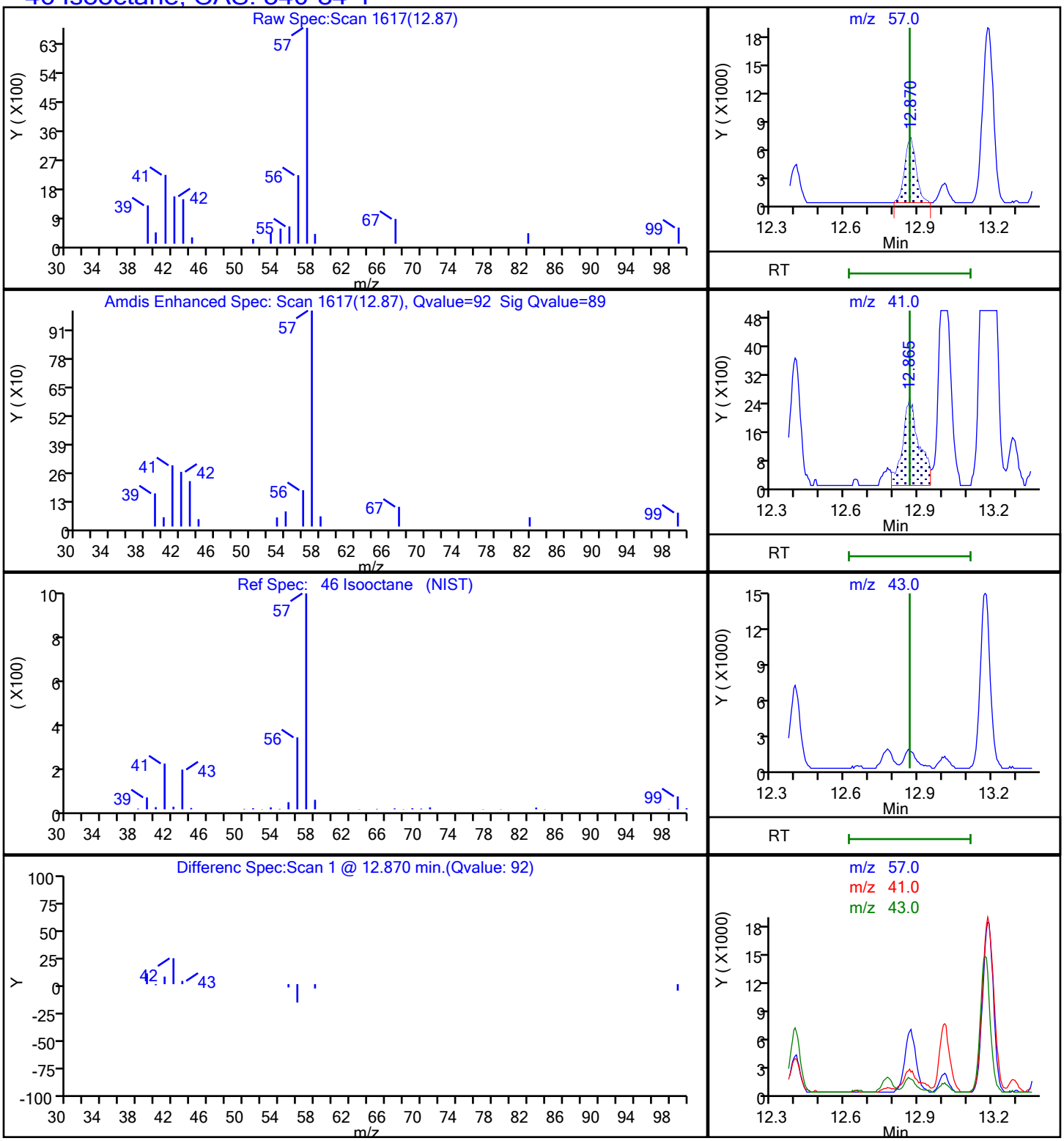
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Isooctane, CAS: 540-84-1



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Eurofins TestAmerica, Burlington

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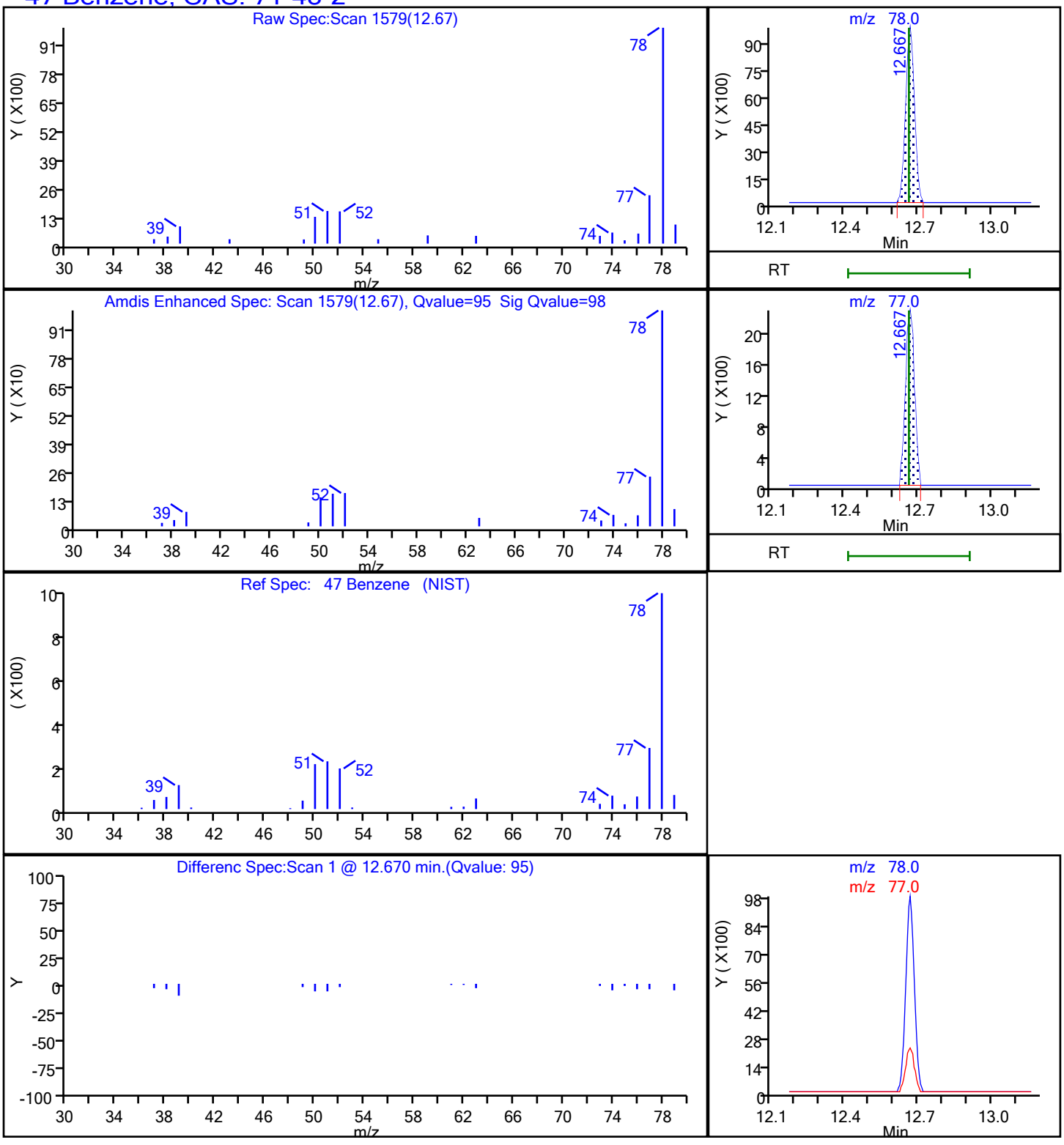
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2



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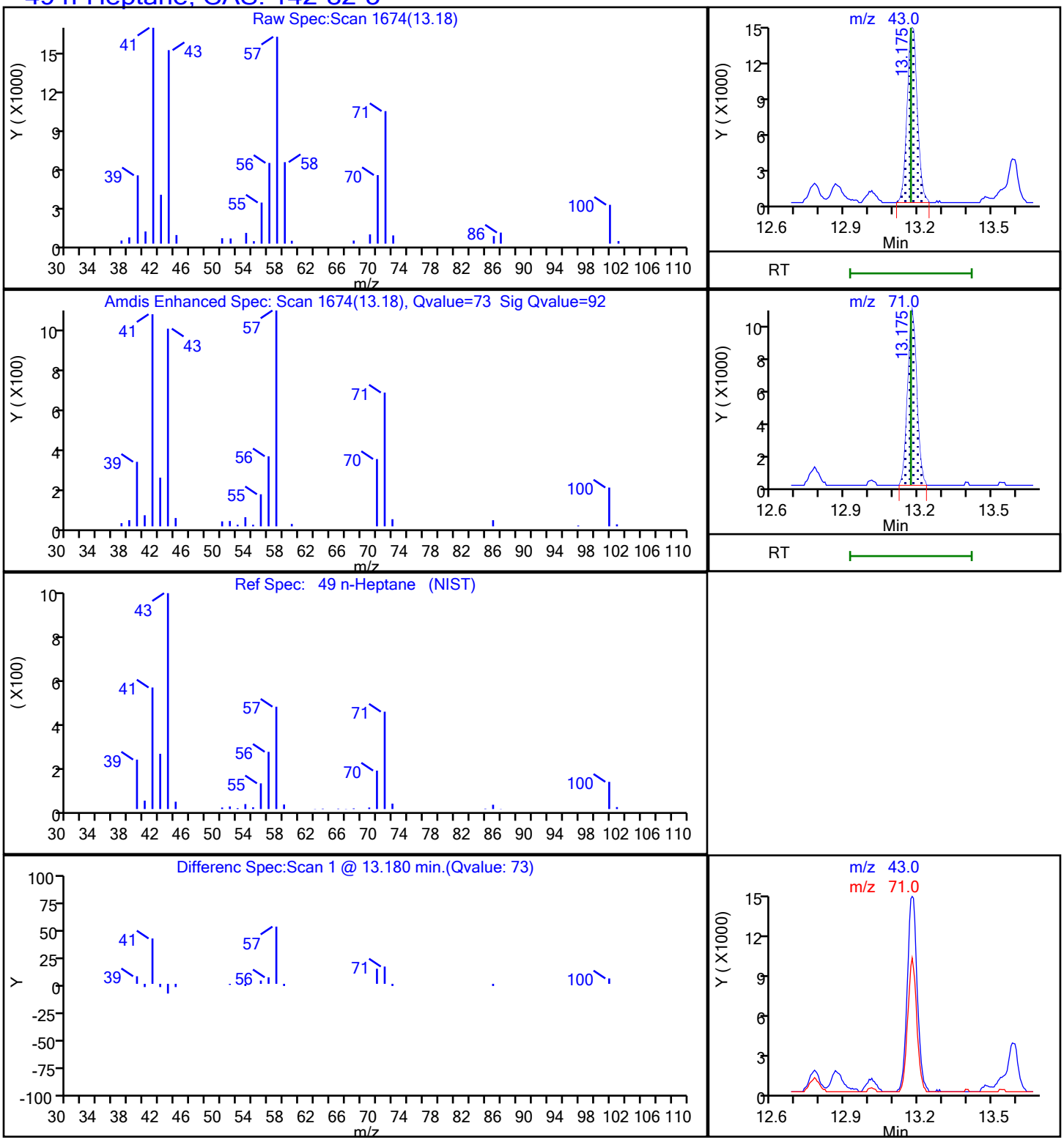
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5



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Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
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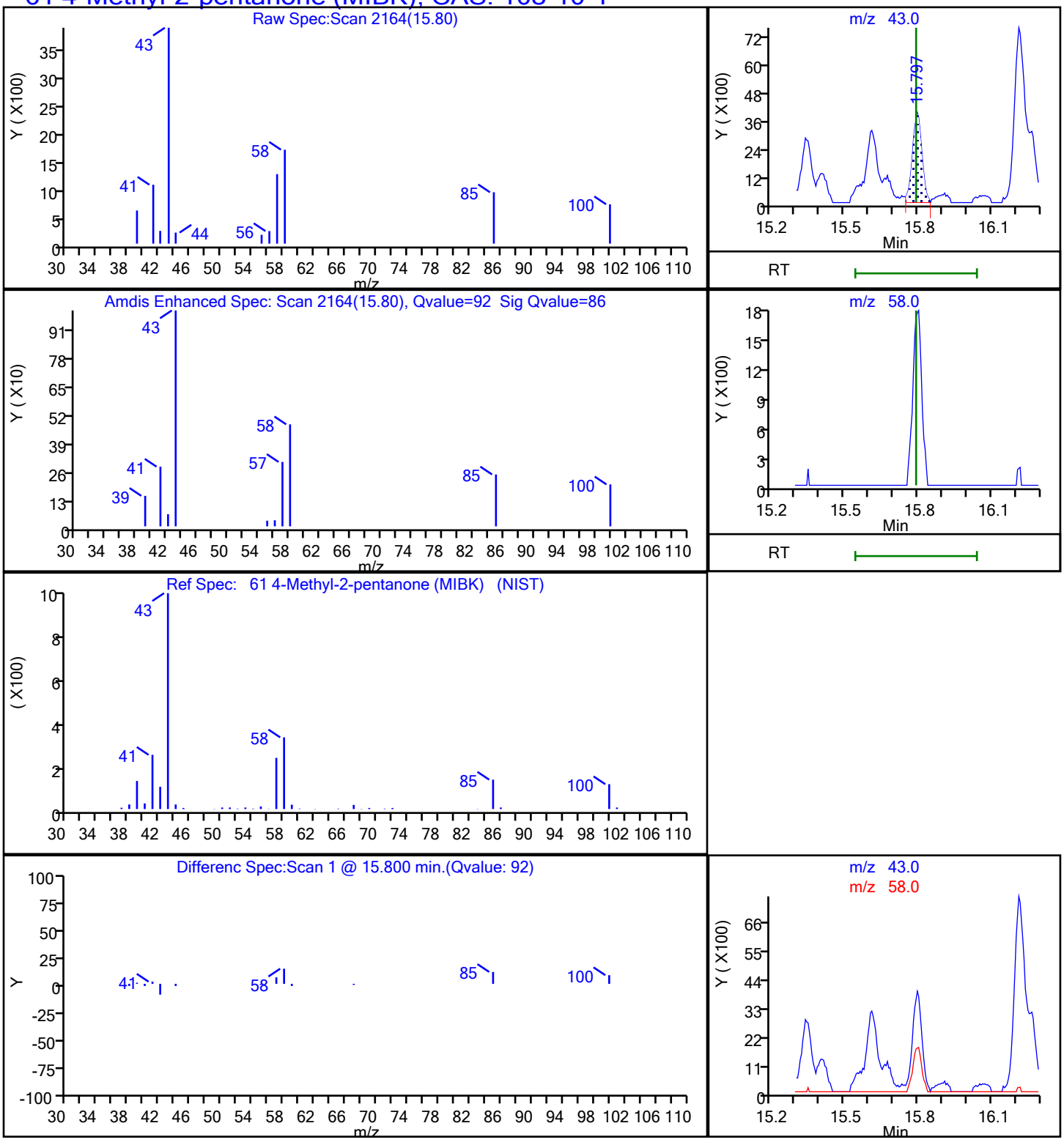
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



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Eurofins TestAmerica, Burlington

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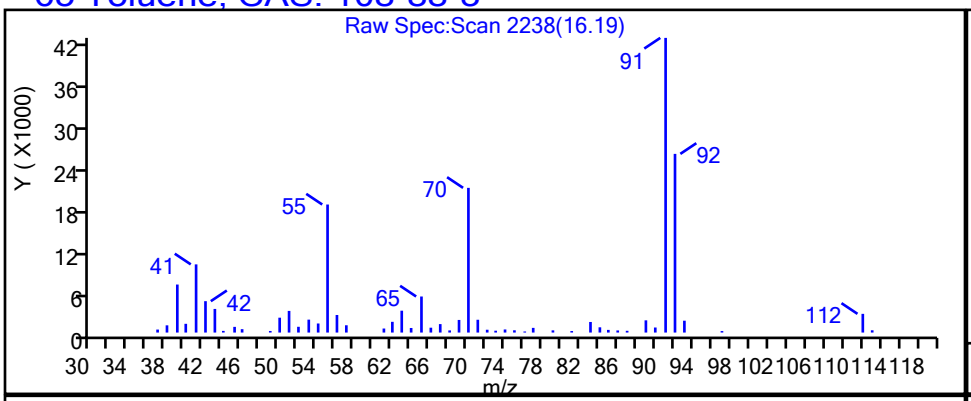
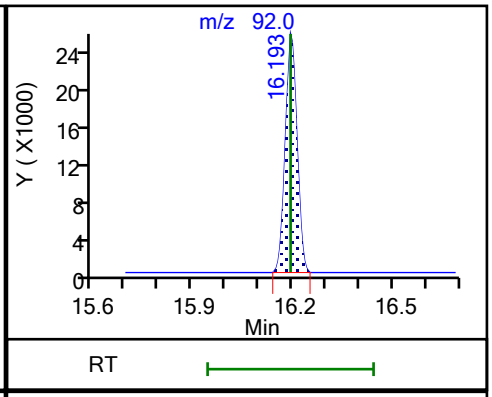
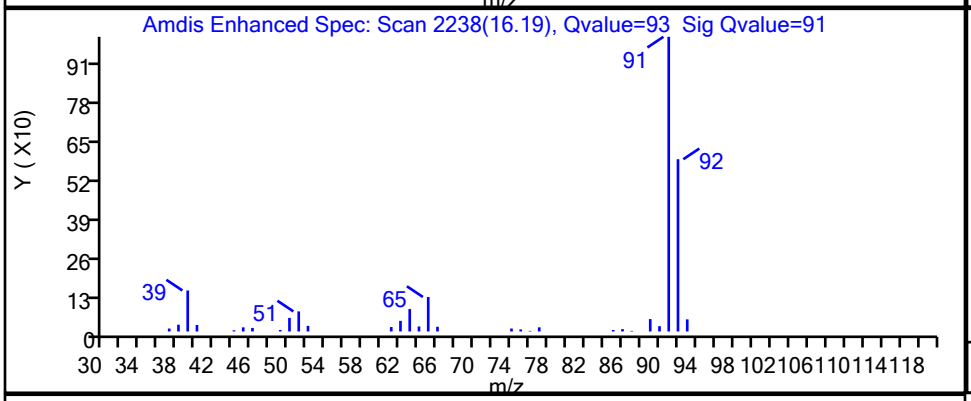
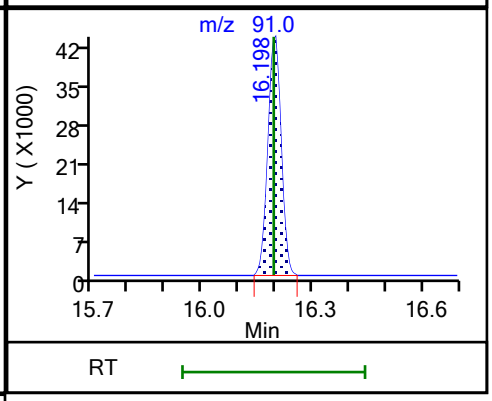
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

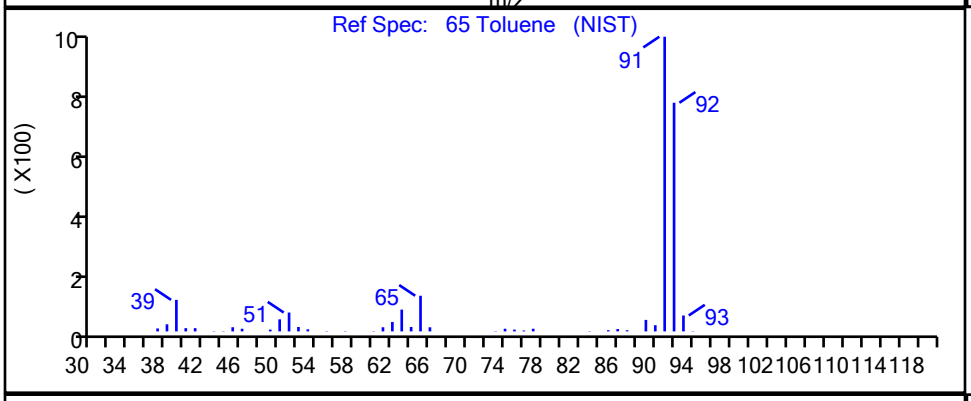
65 Toluene, CAS: 108-88-3

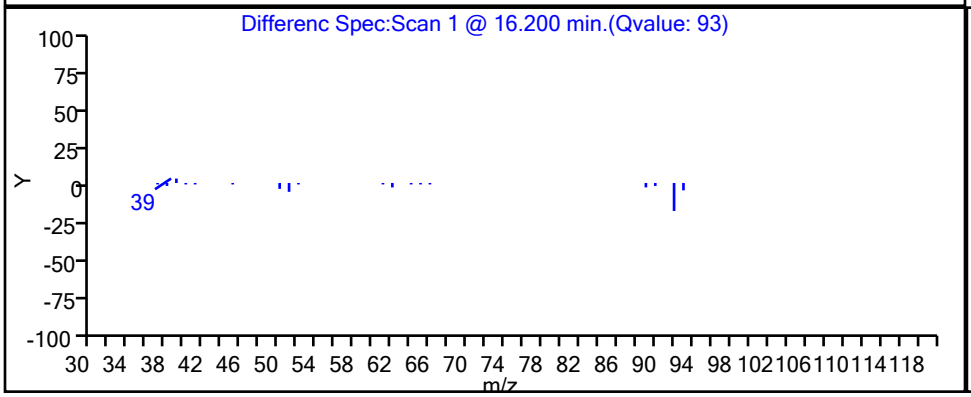


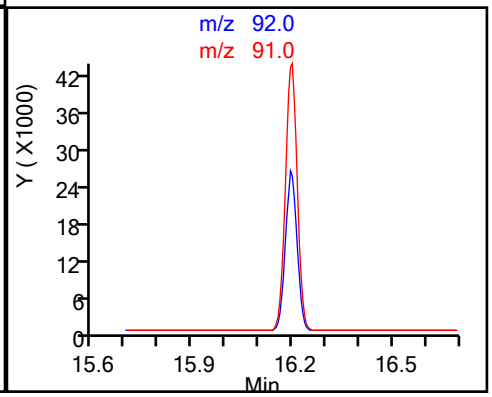












Eurofins TestAmerica, Burlington

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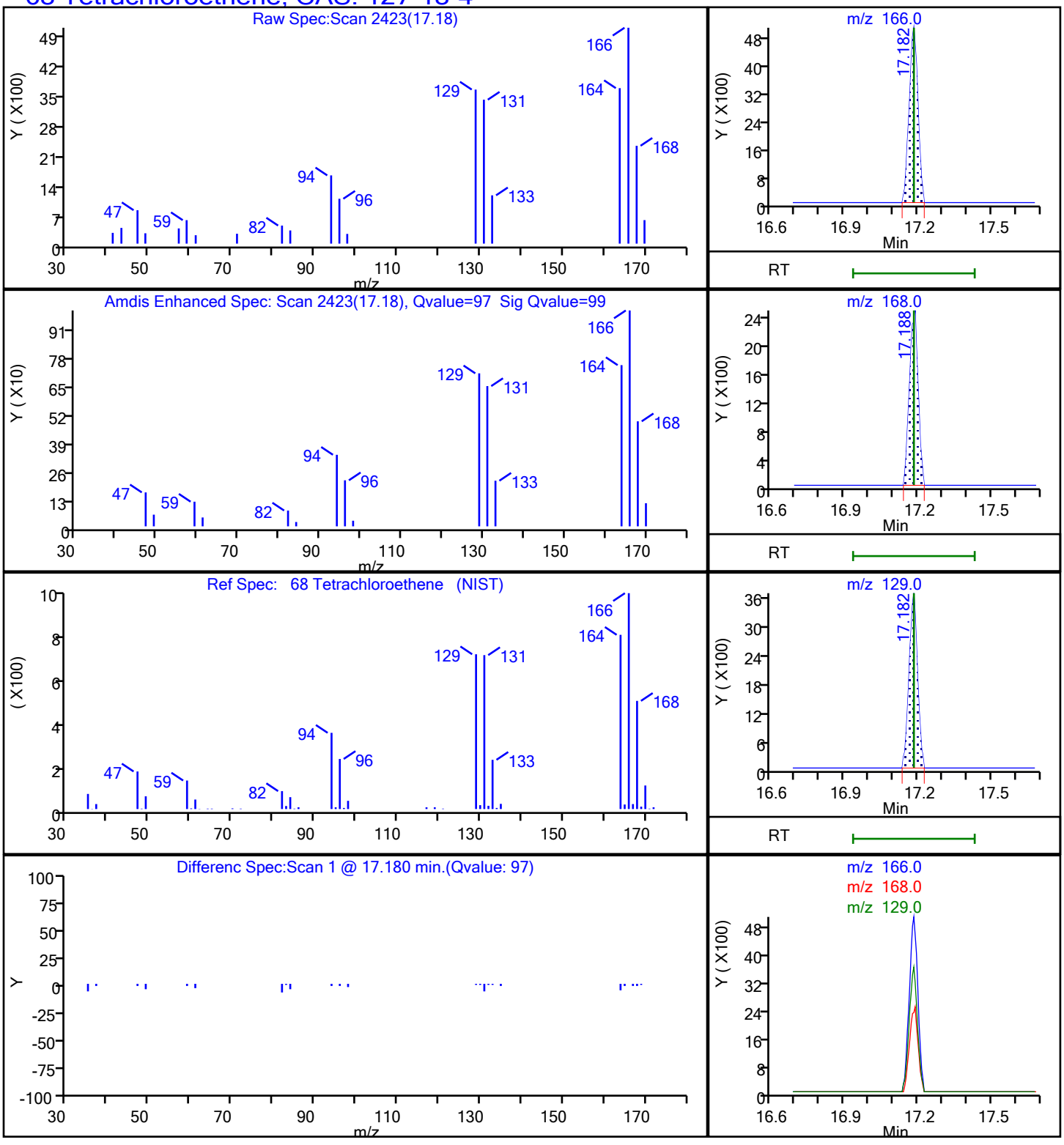
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4



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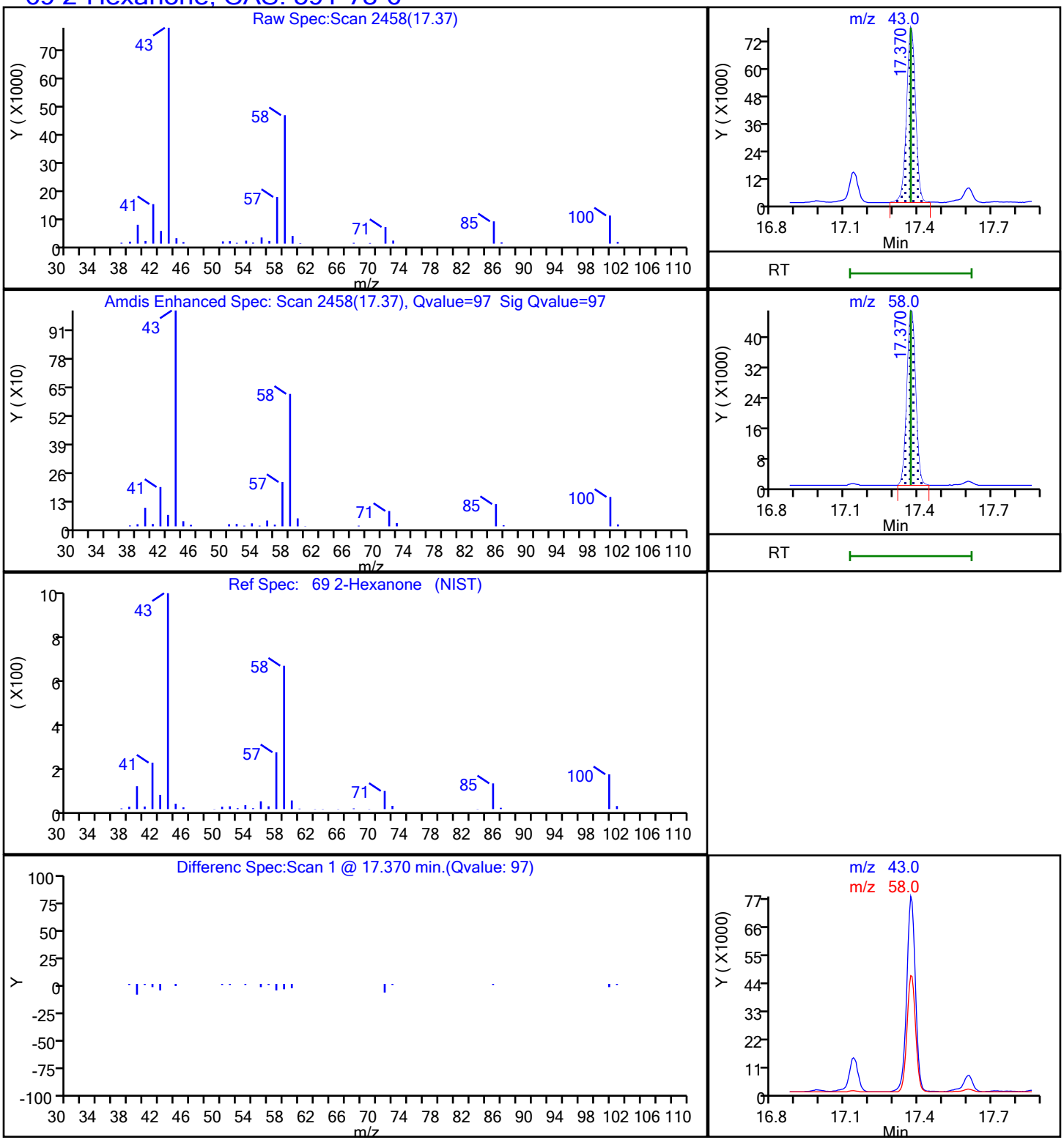
Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

69 2-Hexanone, CAS: 591-78-6



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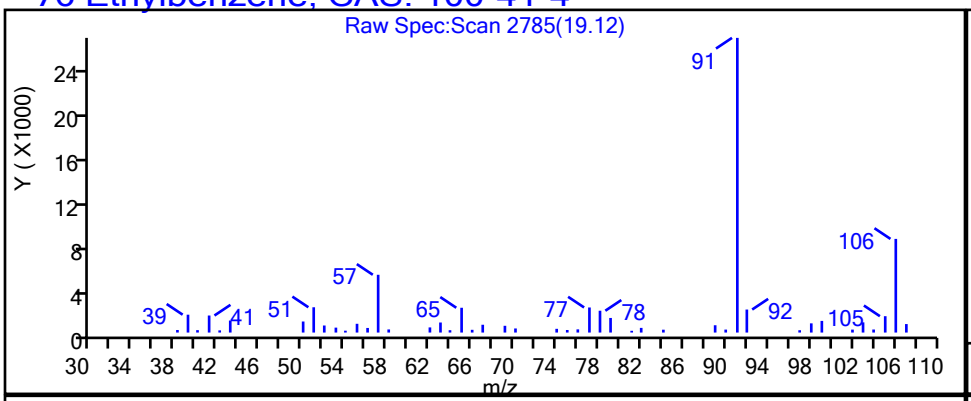
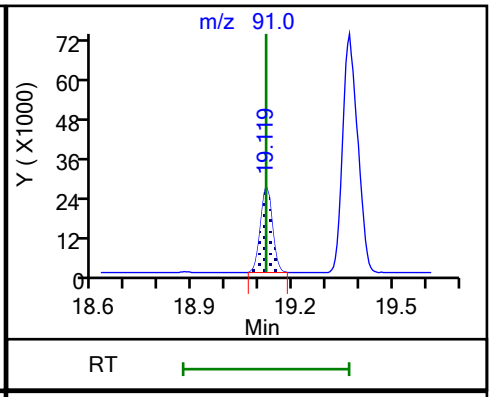
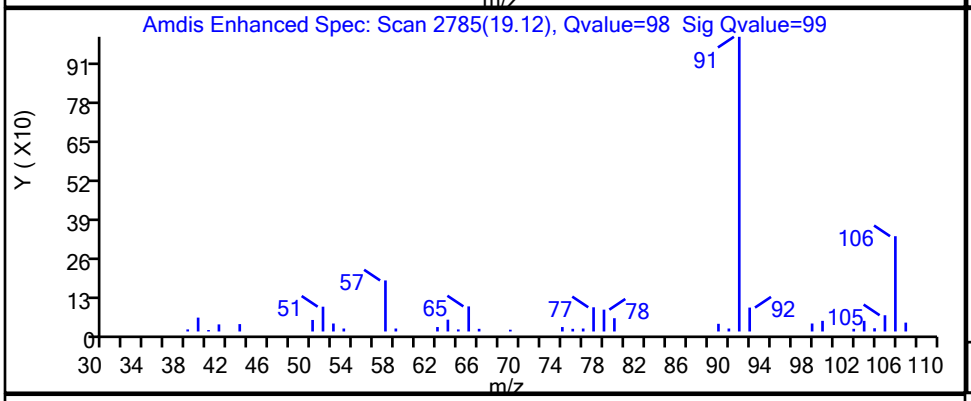
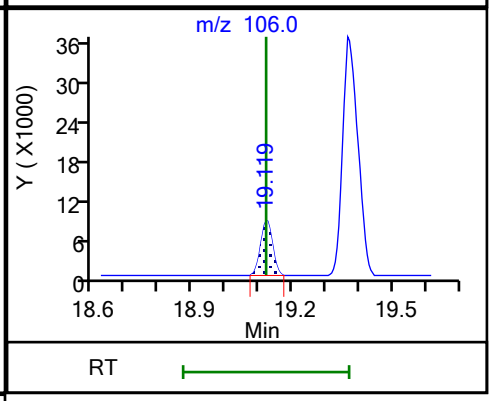
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

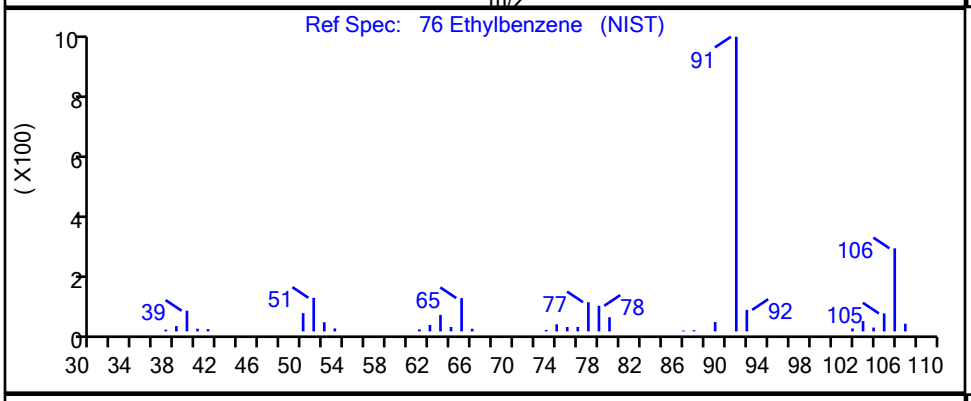
76 Ethylbenzene, CAS: 100-41-4

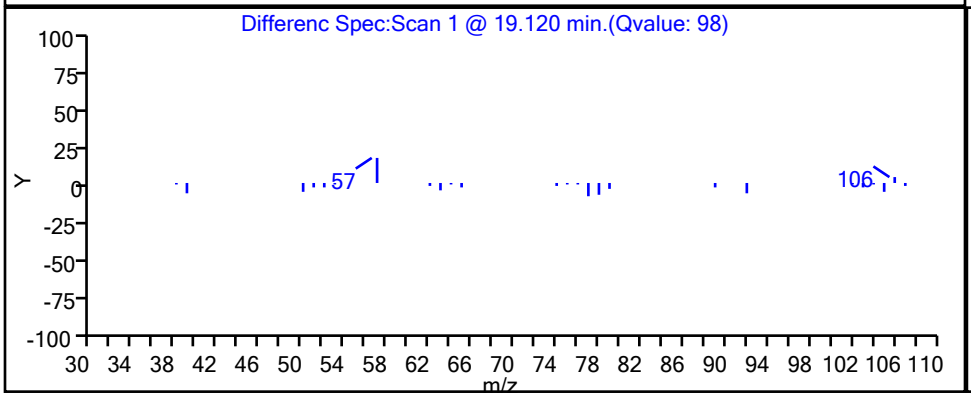


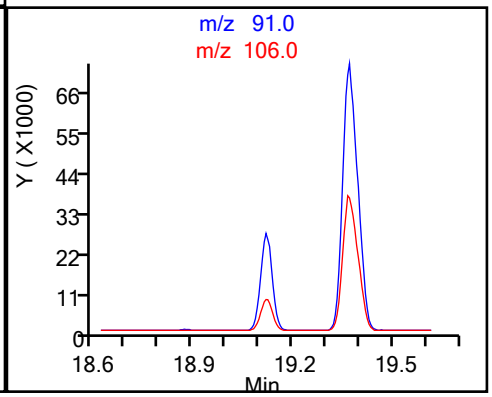












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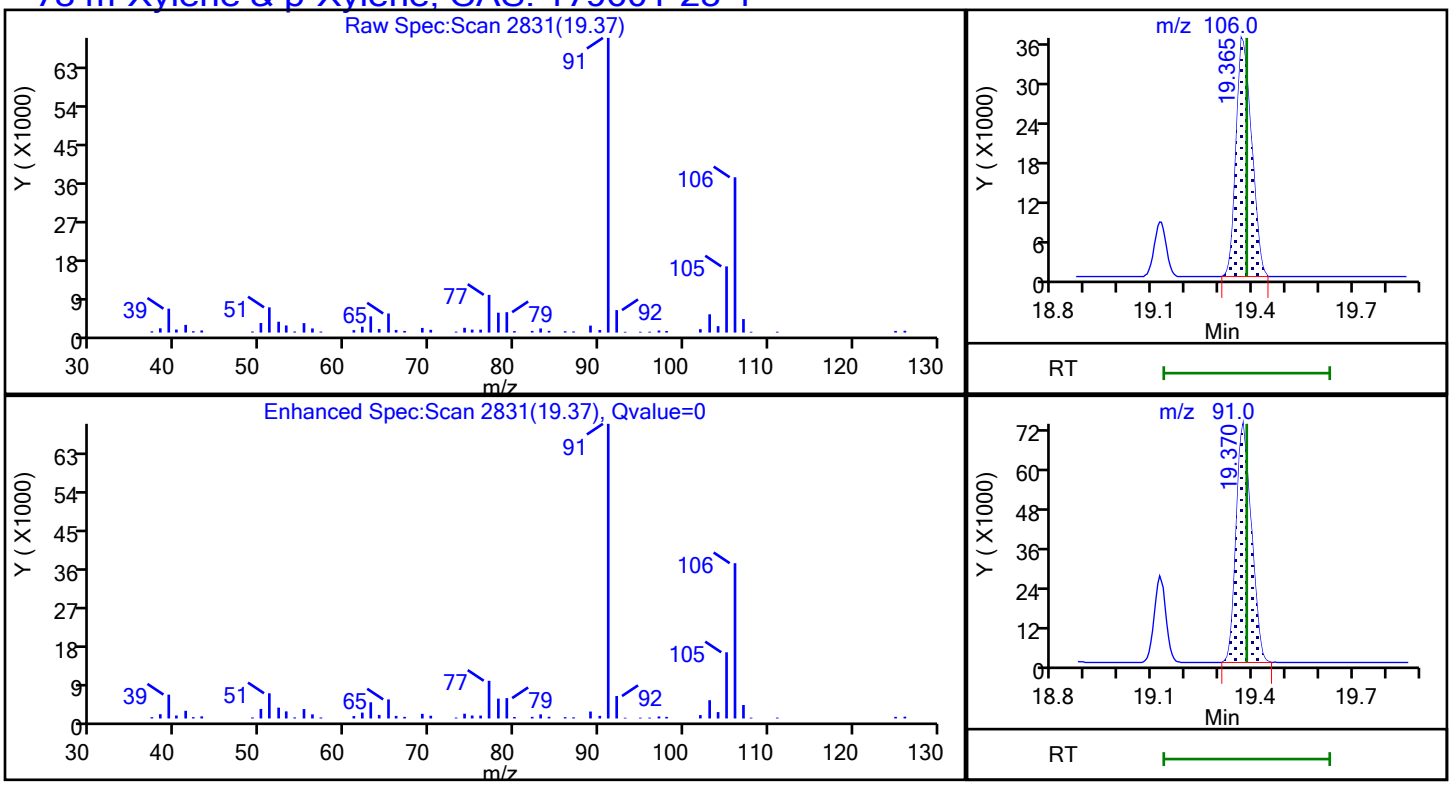
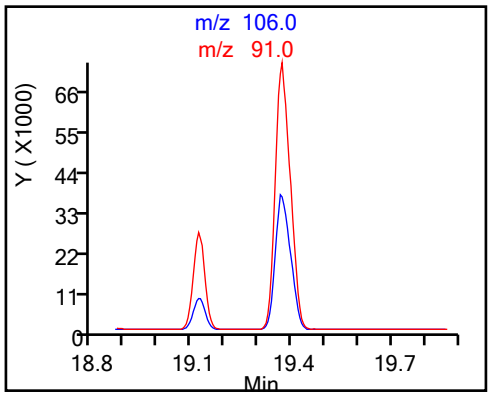
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 m-Xylene & p-Xylene, CAS: 179601-23-1





Eurofins TestAmerica, Burlington

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Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
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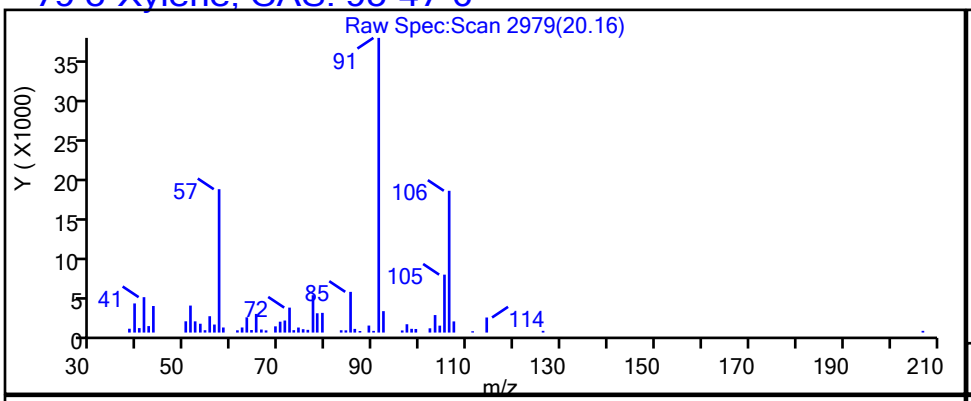
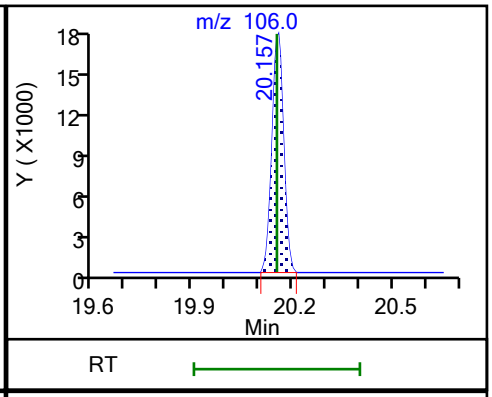
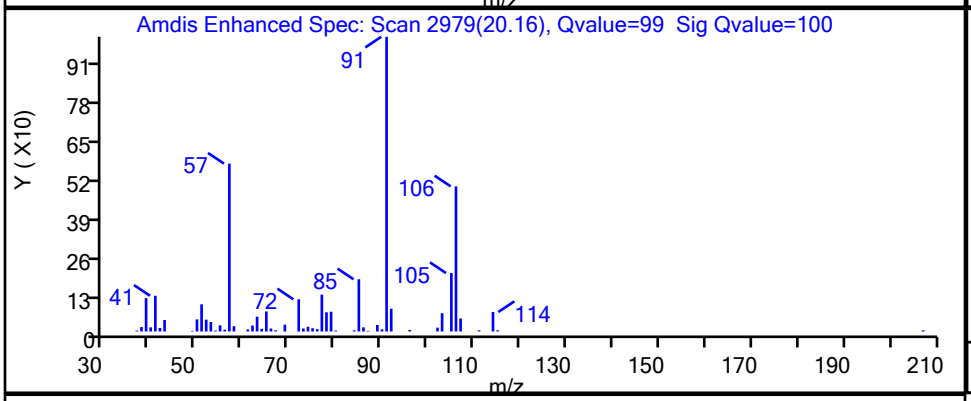
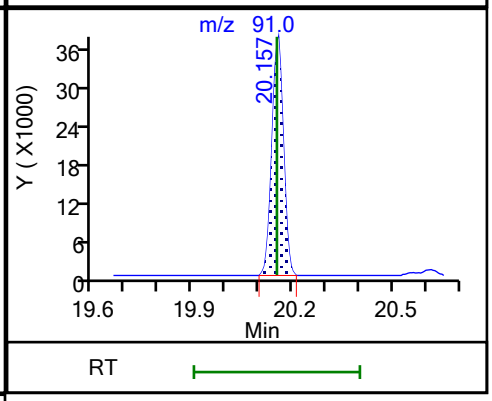
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

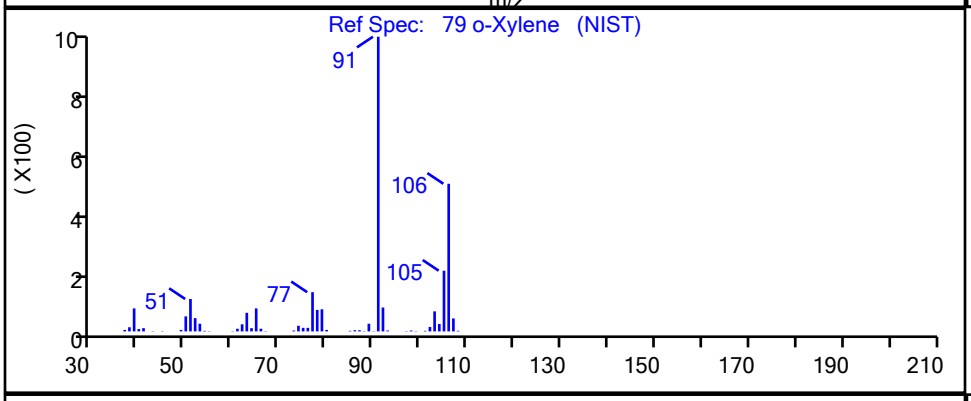
79 o-Xylene, CAS: 95-47-6

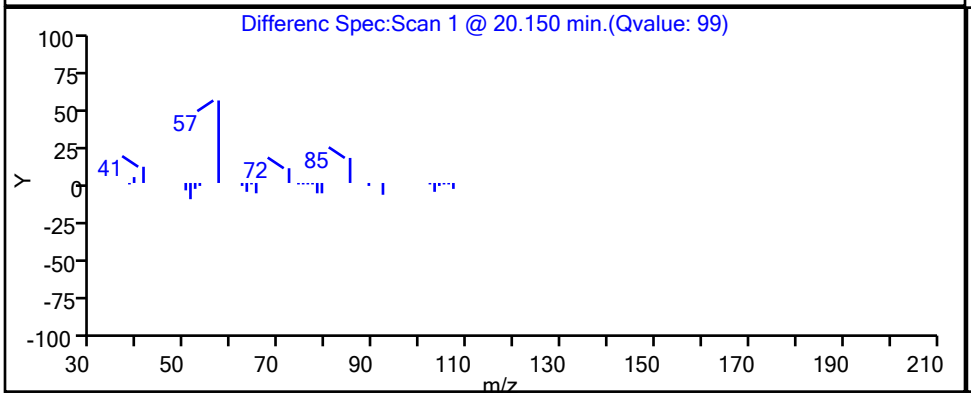


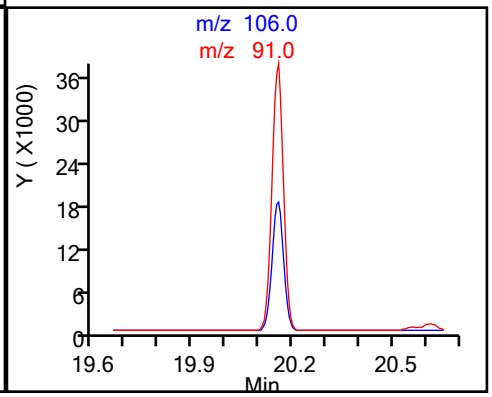












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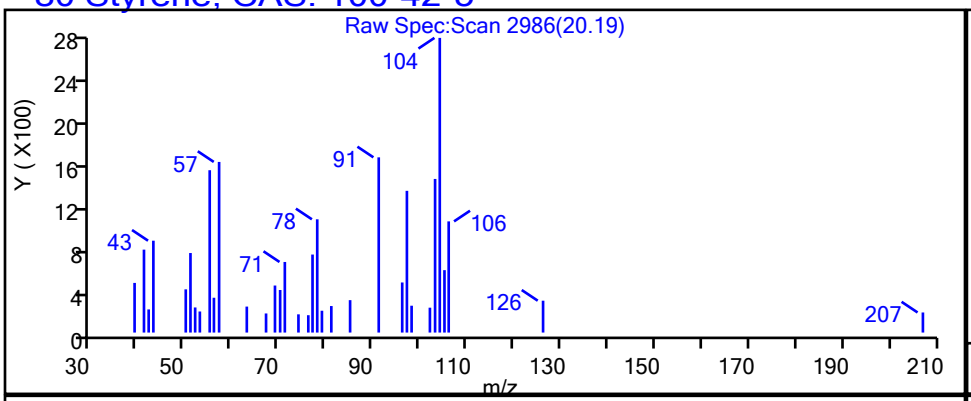
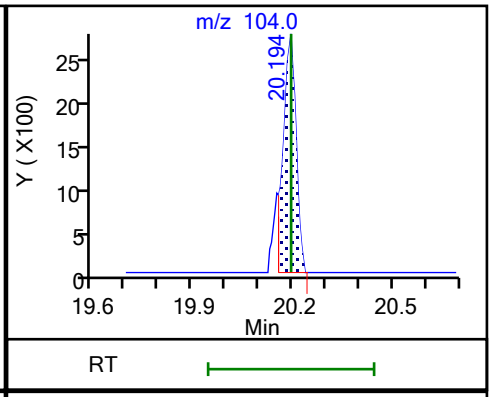
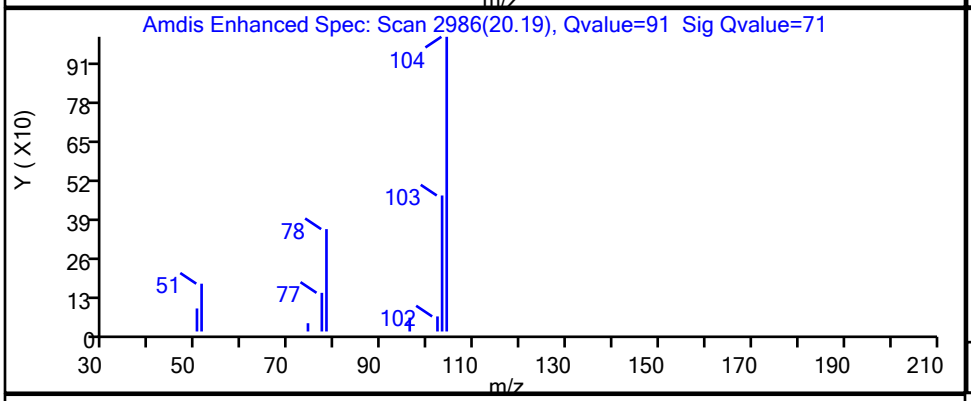
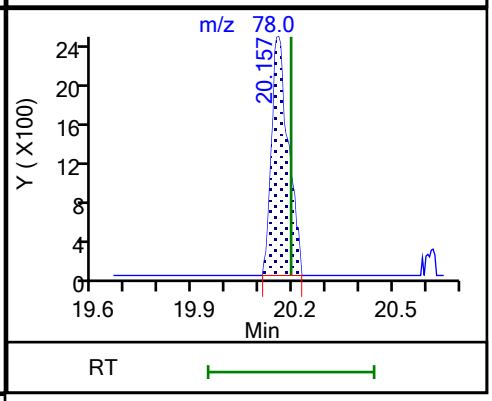
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

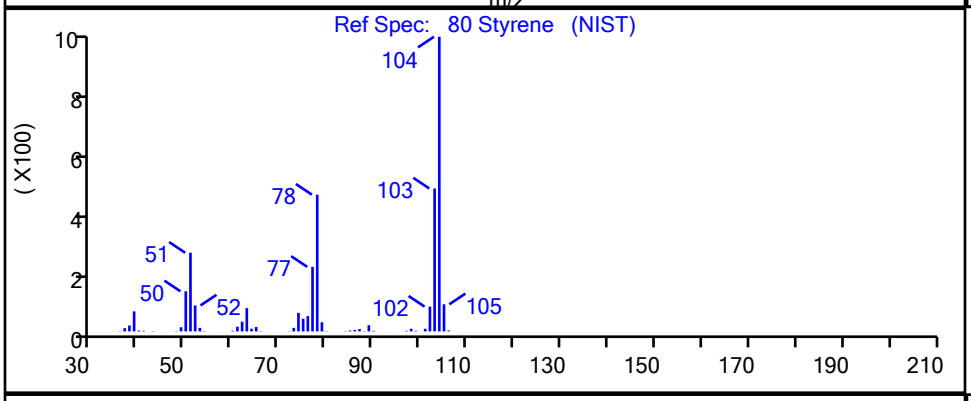
80 Styrene, CAS: 100-42-5

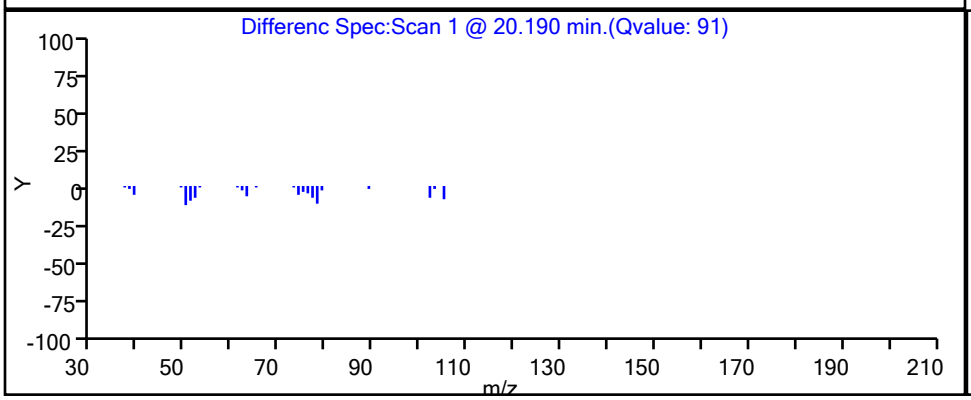


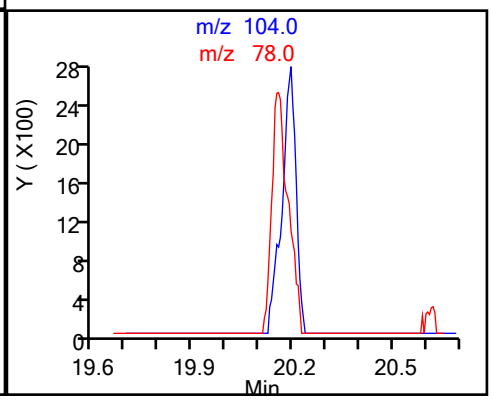








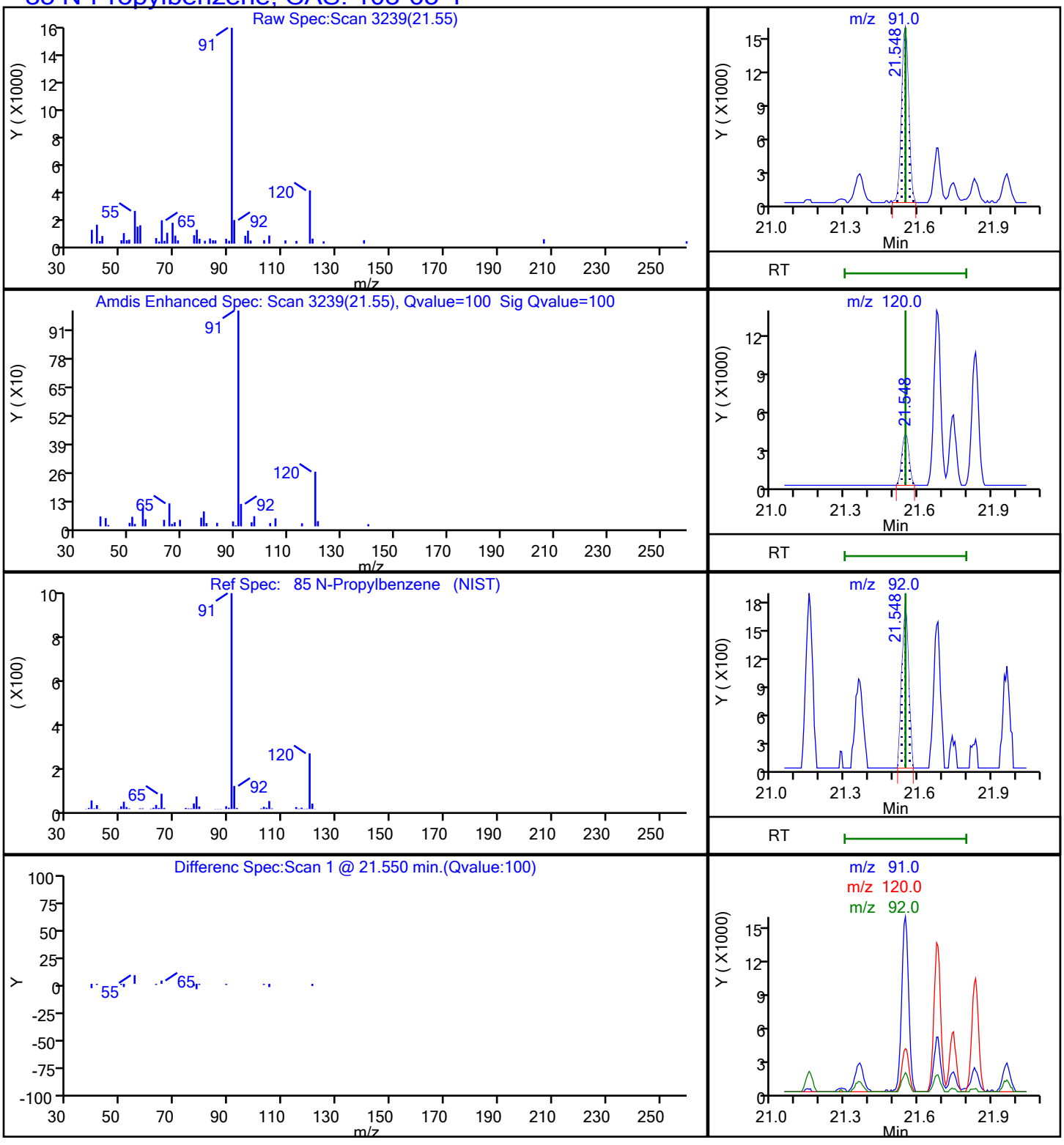




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

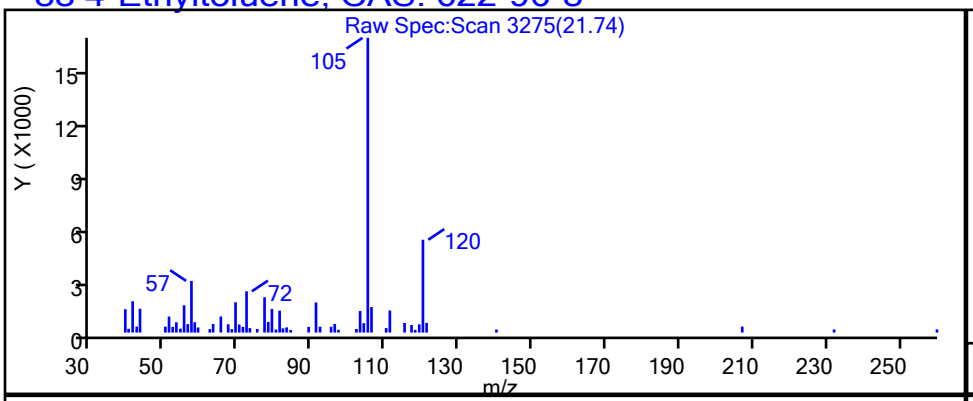
85 N-Propylbenzene, CAS: 103-65-1

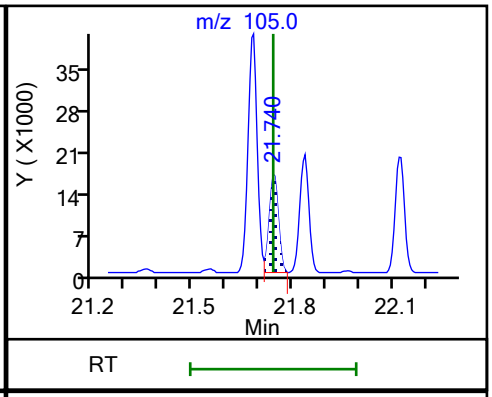


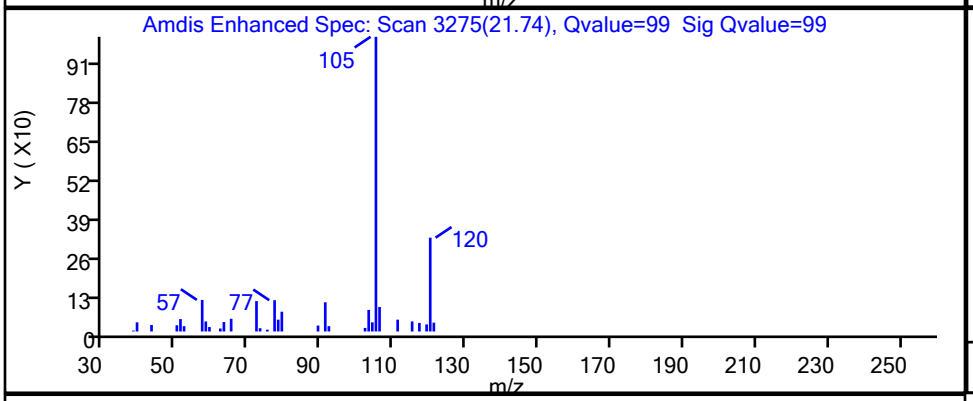
Eurofins TestAmerica, Burlington

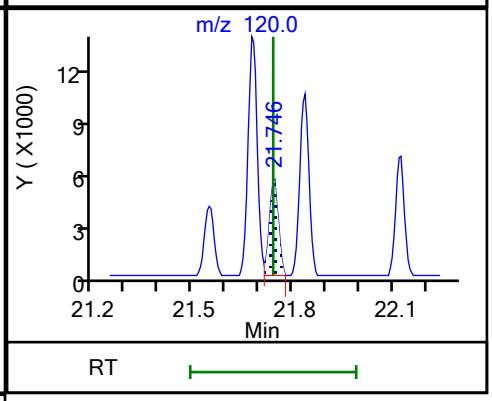
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

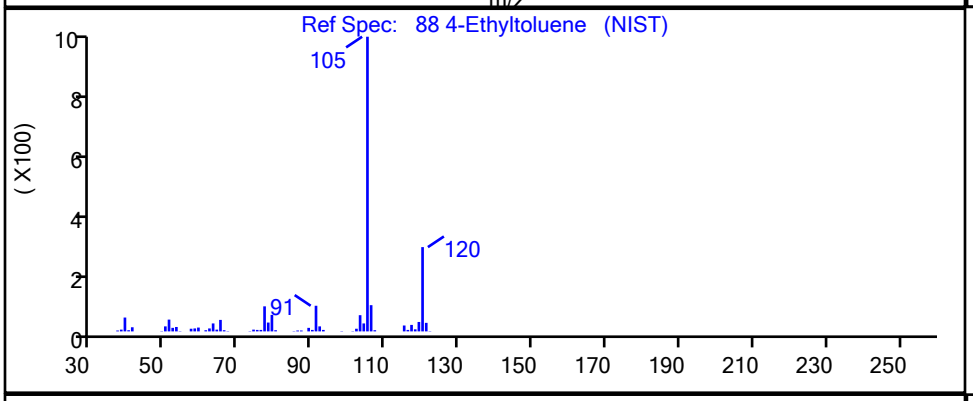
88 4-Ethyltoluene, CAS: 622-96-8

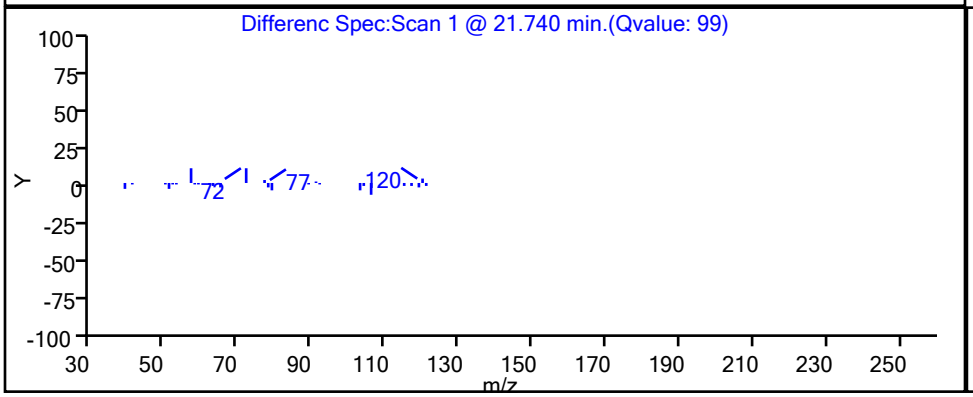


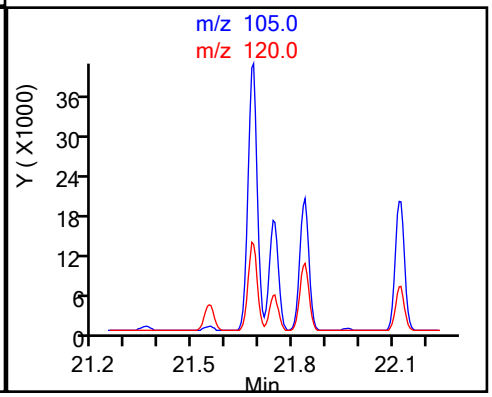








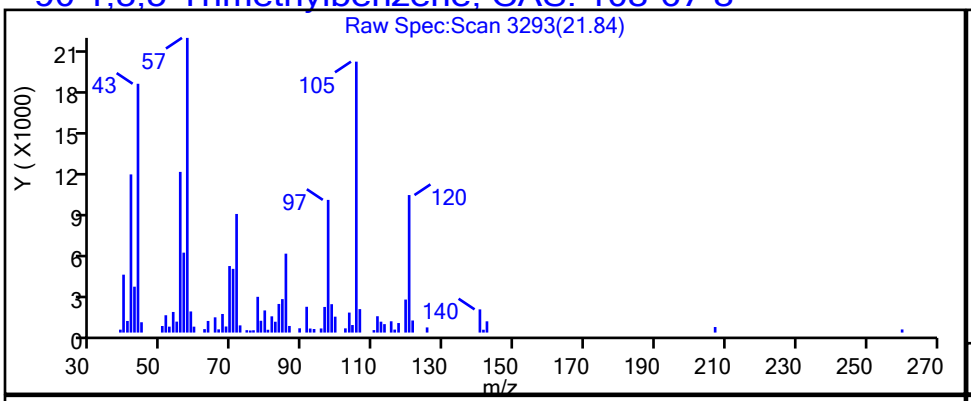


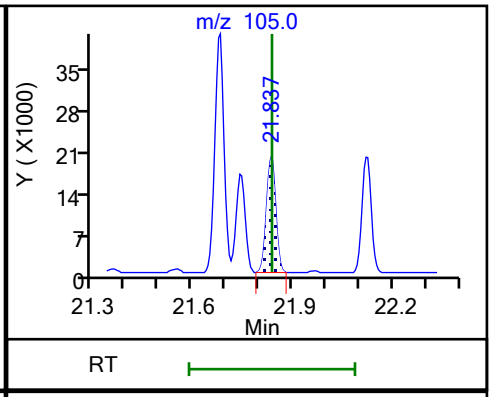


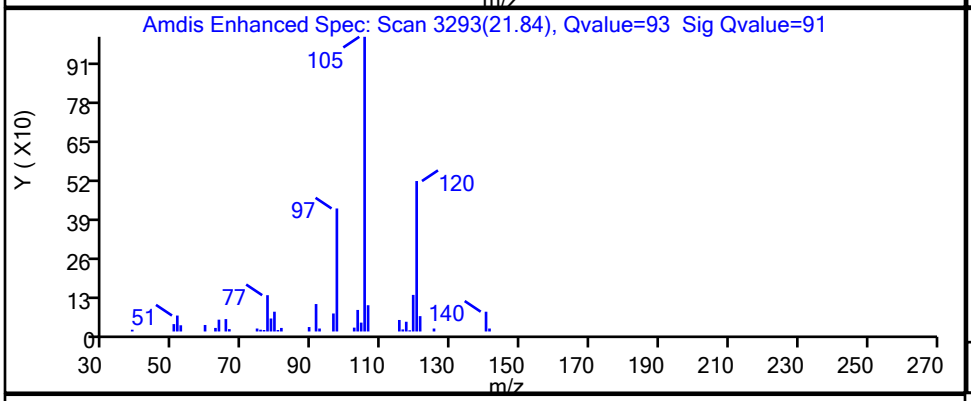
Eurofins TestAmerica, Burlington

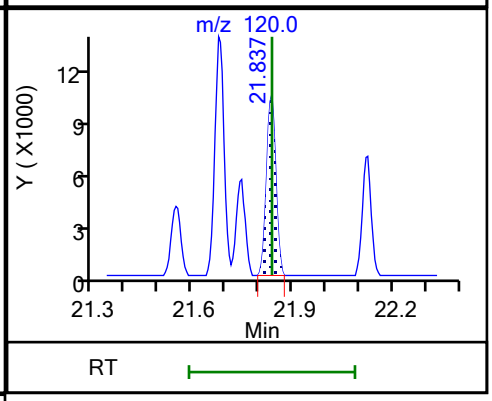
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

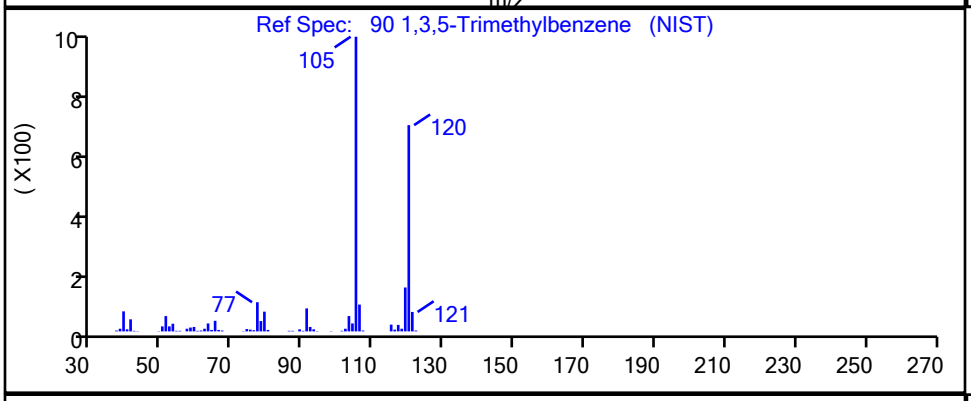
90 1,3,5-Trimethylbenzene, CAS: 108-67-8

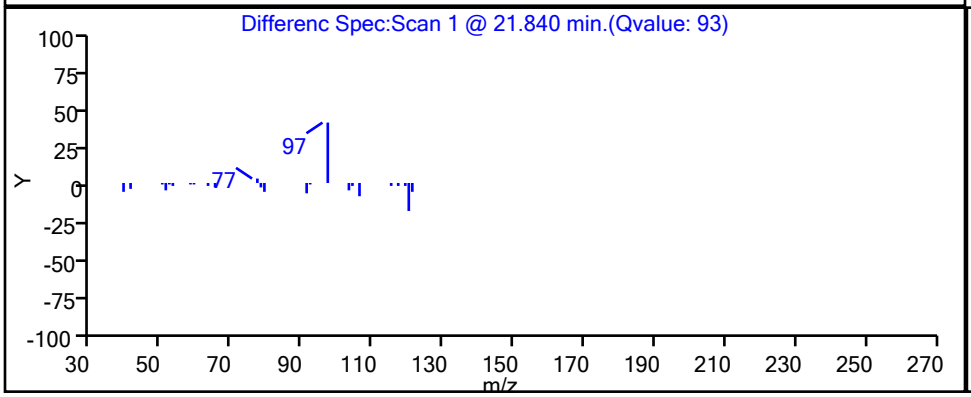


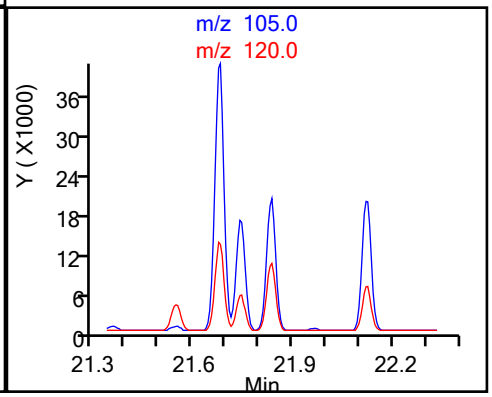








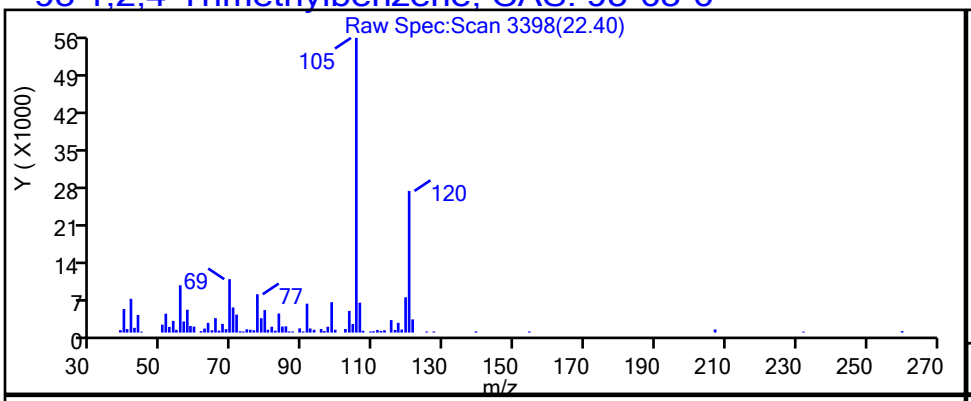


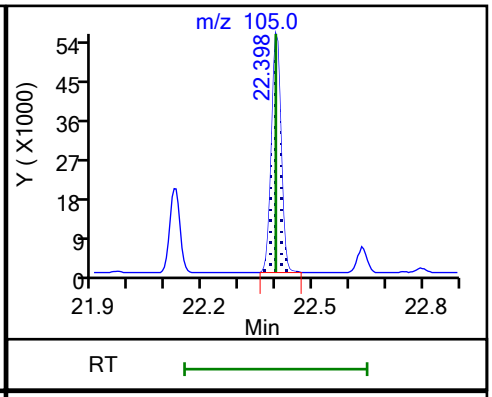


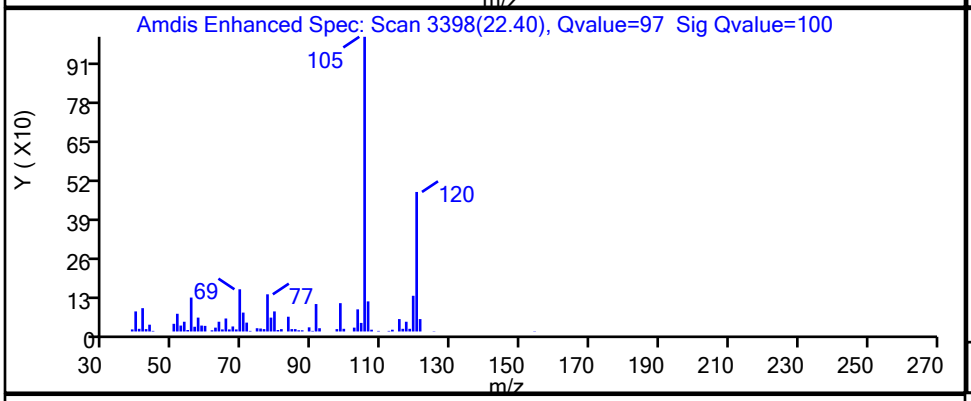
Eurofins TestAmerica, Burlington

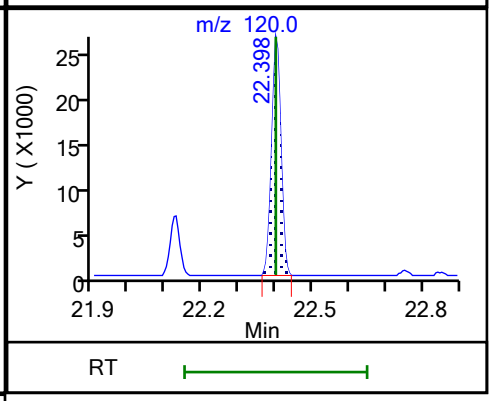
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

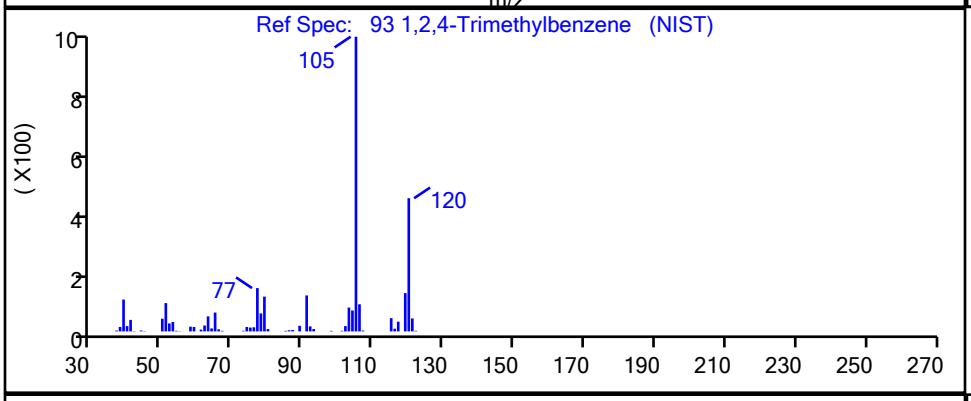
93 1,2,4-Trimethylbenzene, CAS: 95-63-6

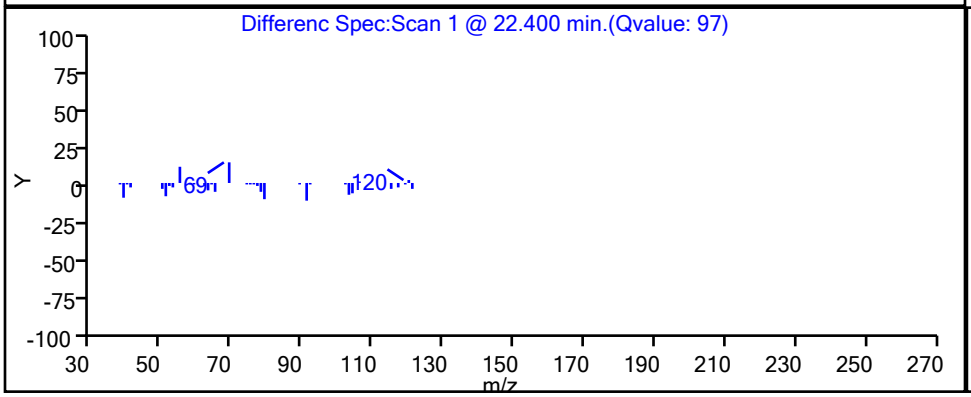


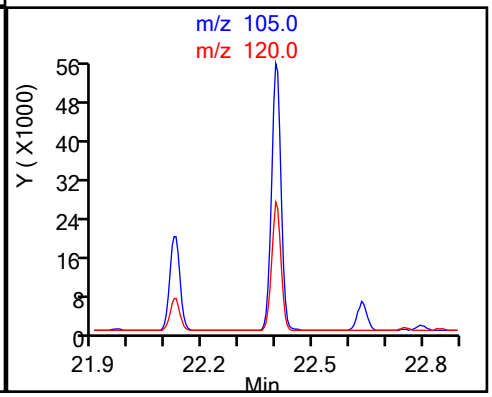








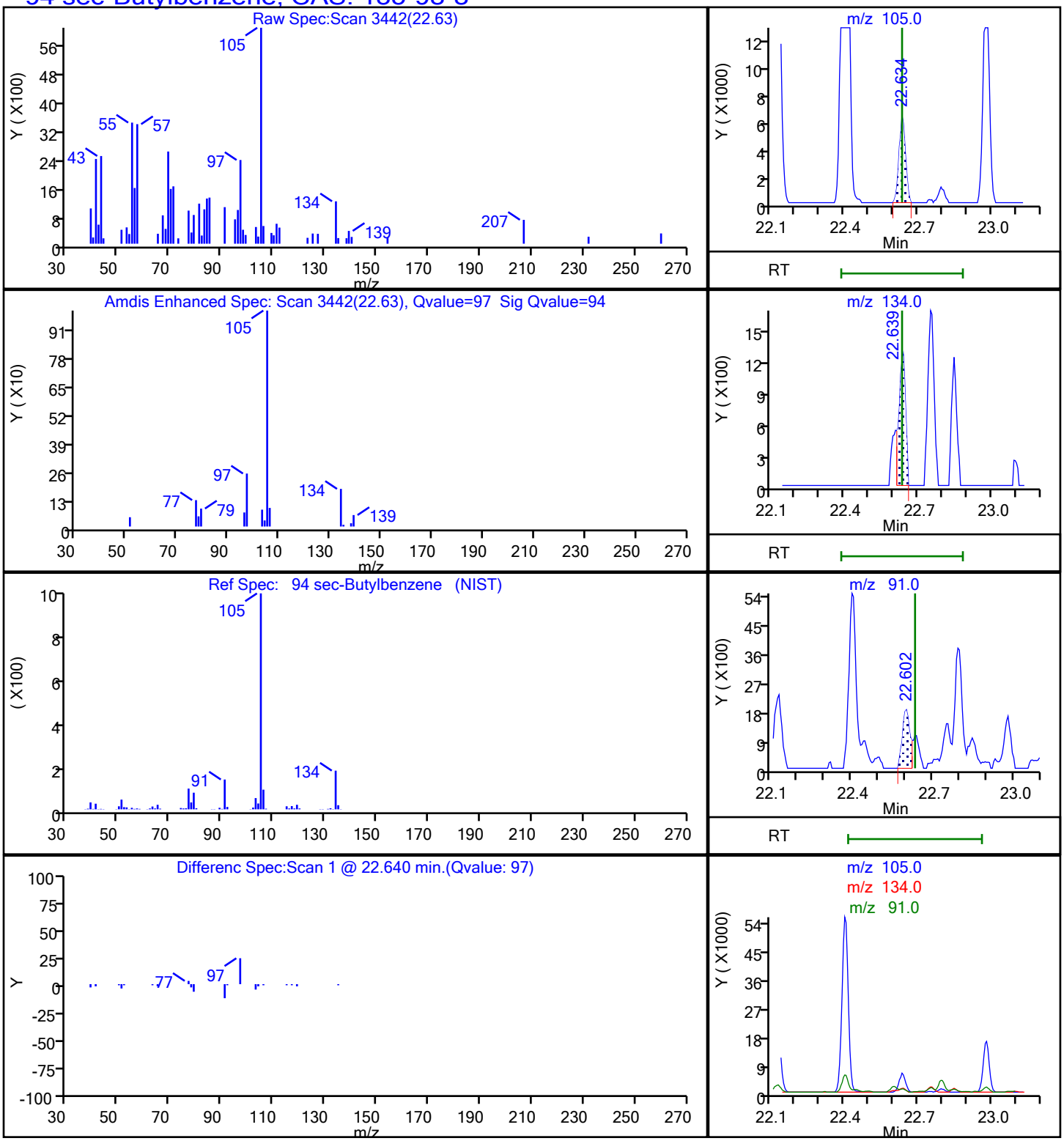




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 sec-Butylbenzene, CAS: 135-98-8

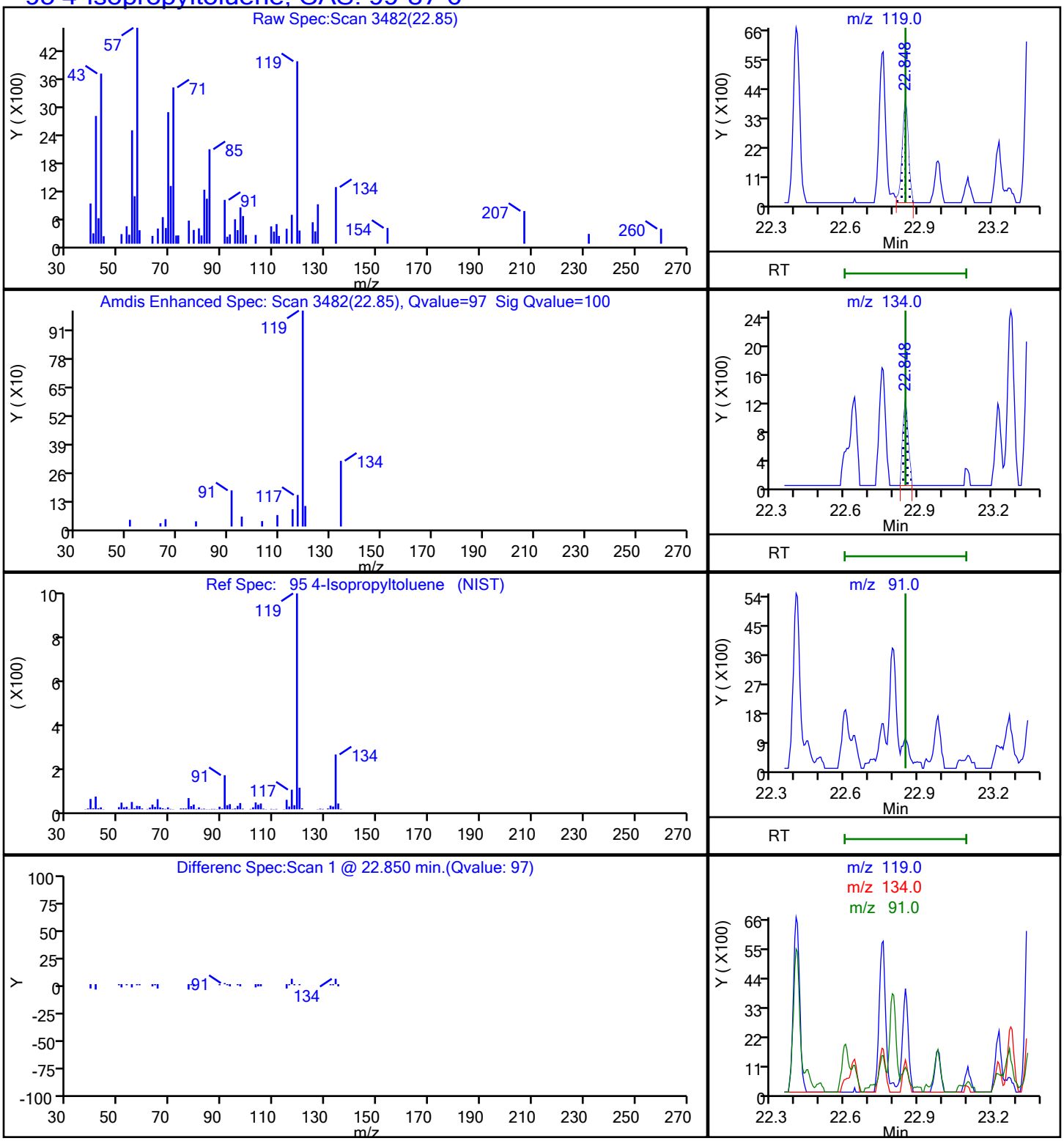


Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D

Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

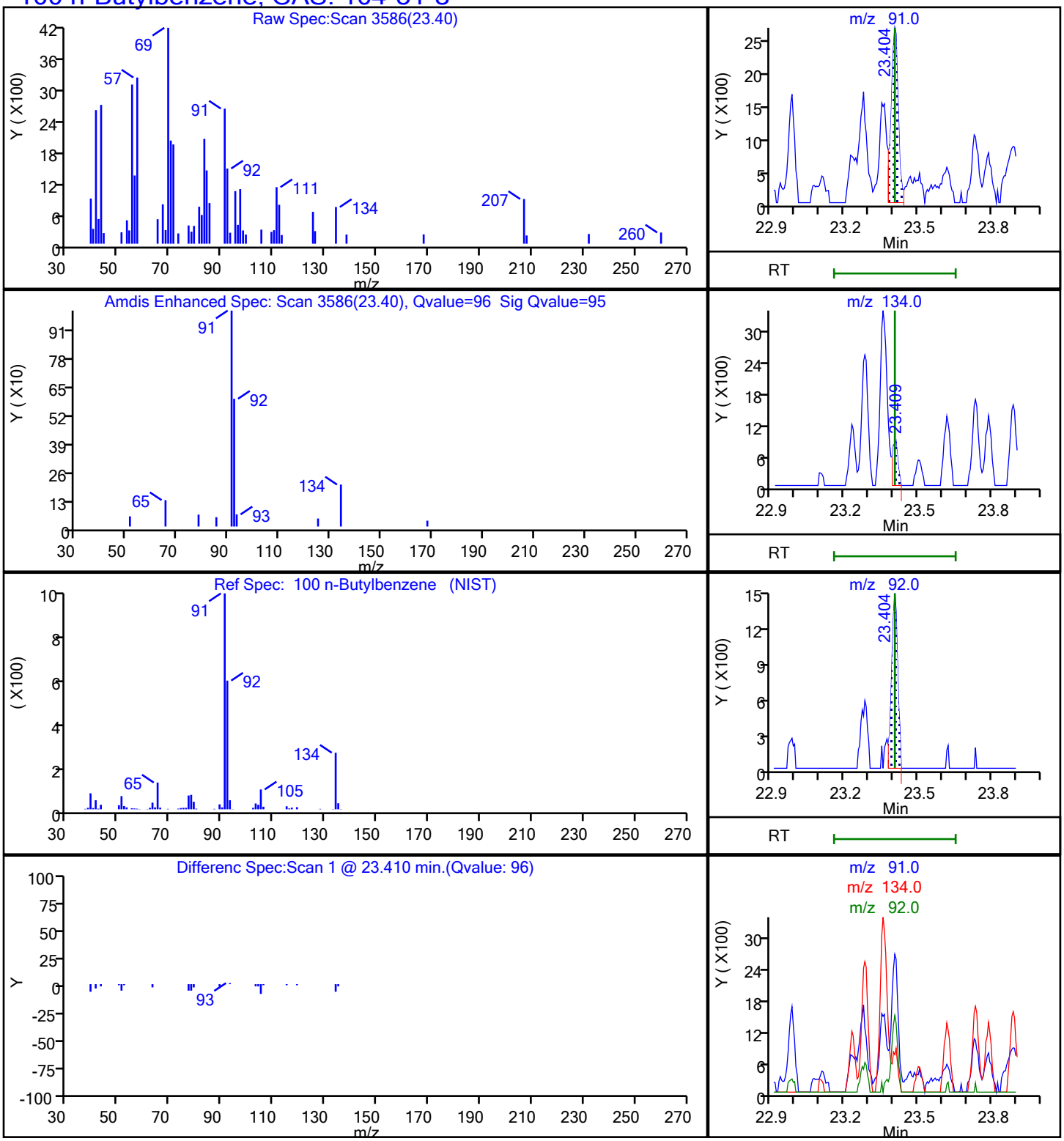
95 4-Isopropyltoluene, CAS: 99-87-6



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

100 n-Butylbenzene, CAS: 104-51-8



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

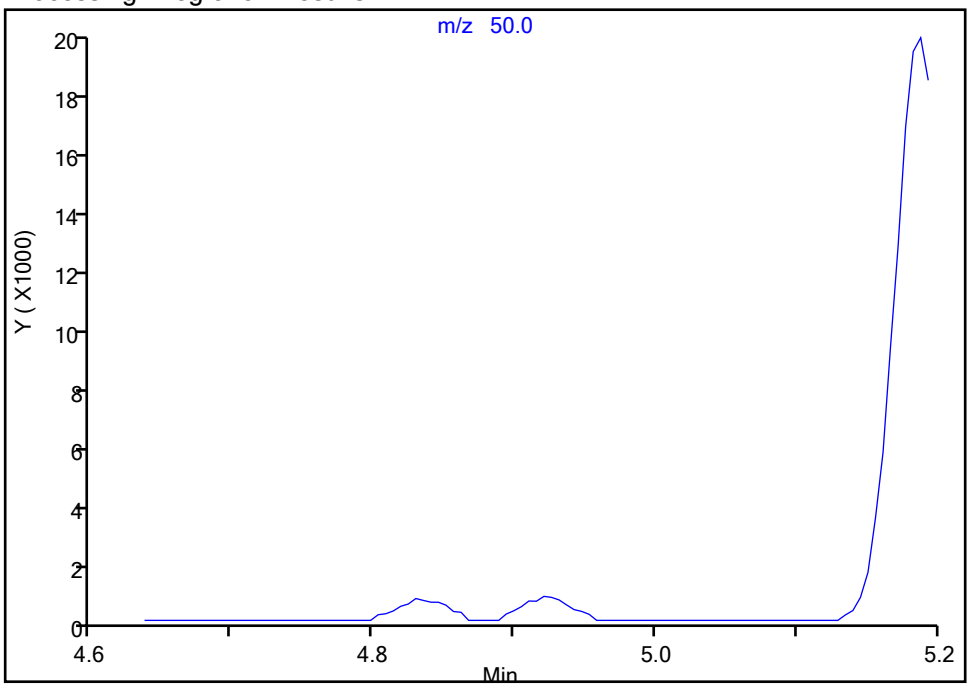
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Signal: 1

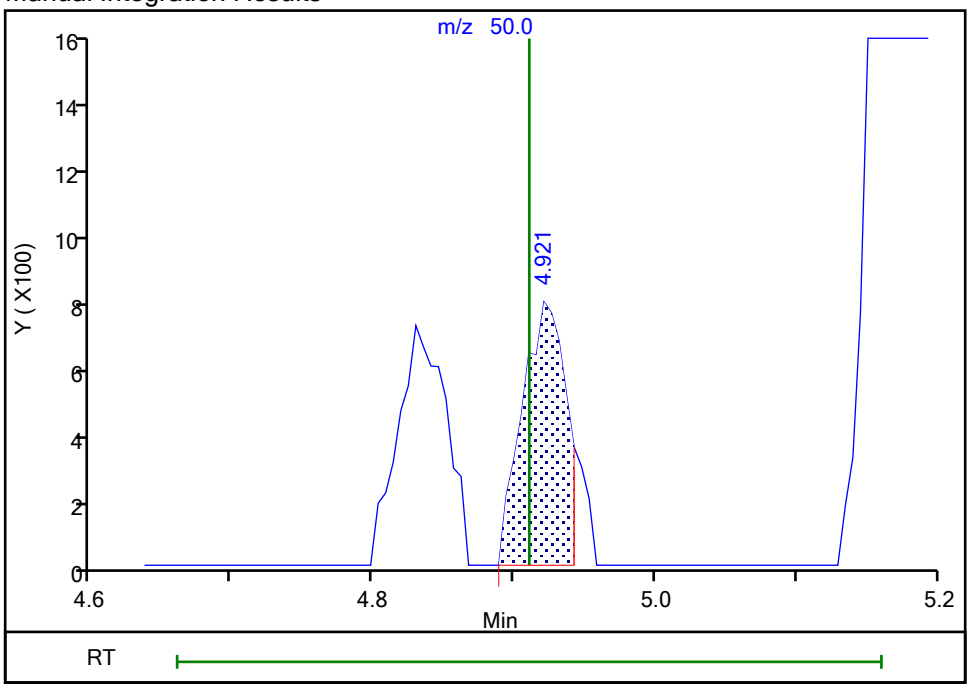
Processing Integration Results

Not Detected
Expected RT: 4.91



Manual Integration Results

RT: 4.92
Area: 1707
Amount: 0.198243
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 12:09:19
Audit Action: Manually Integrated Audit Reason: Assign Peak

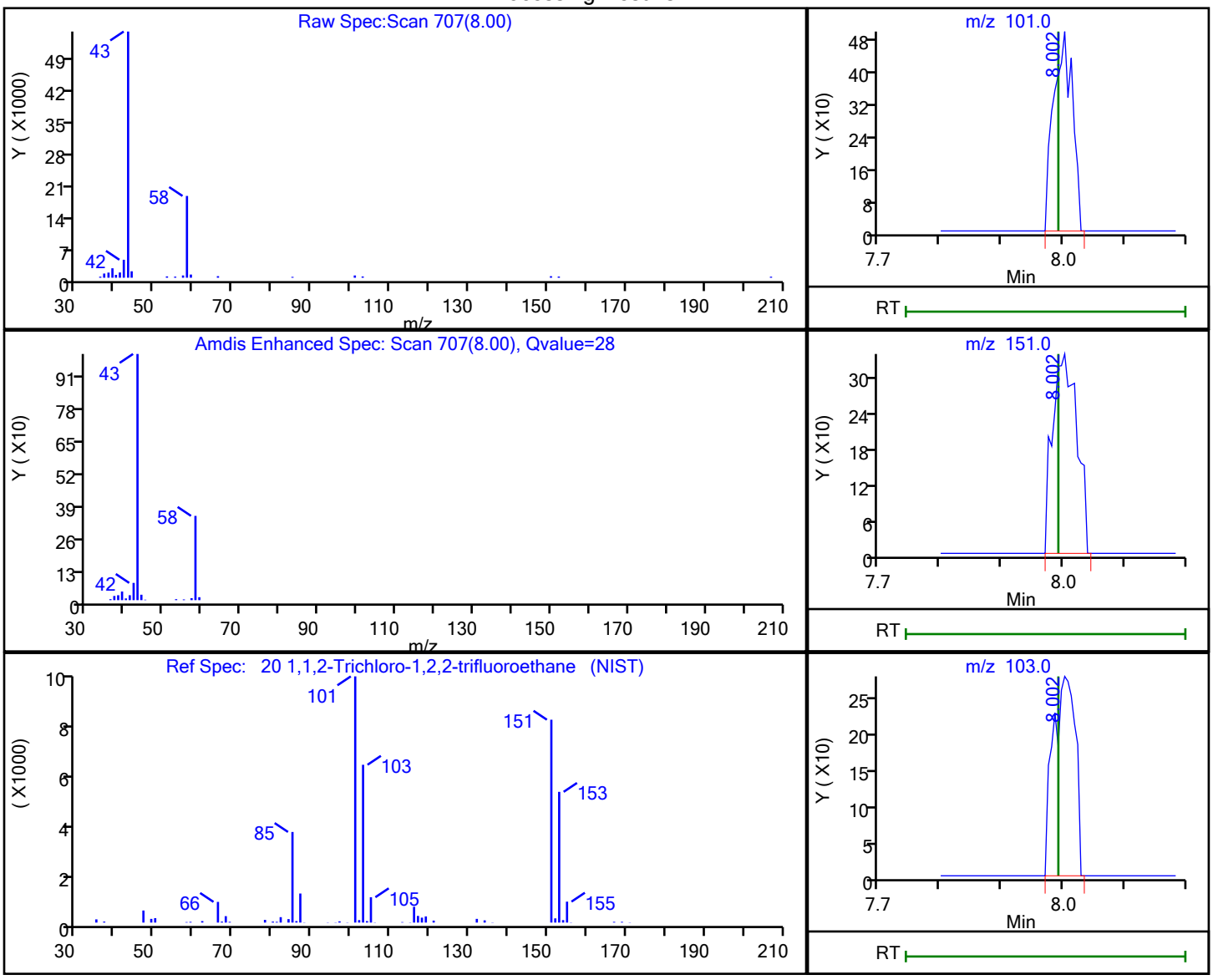
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
8.00	101.00	1071	0.066448
8.00	151.00	942	
8.00	103.00	705	

Reviewer: bunmaa, 03-May-2021 12:09:53

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

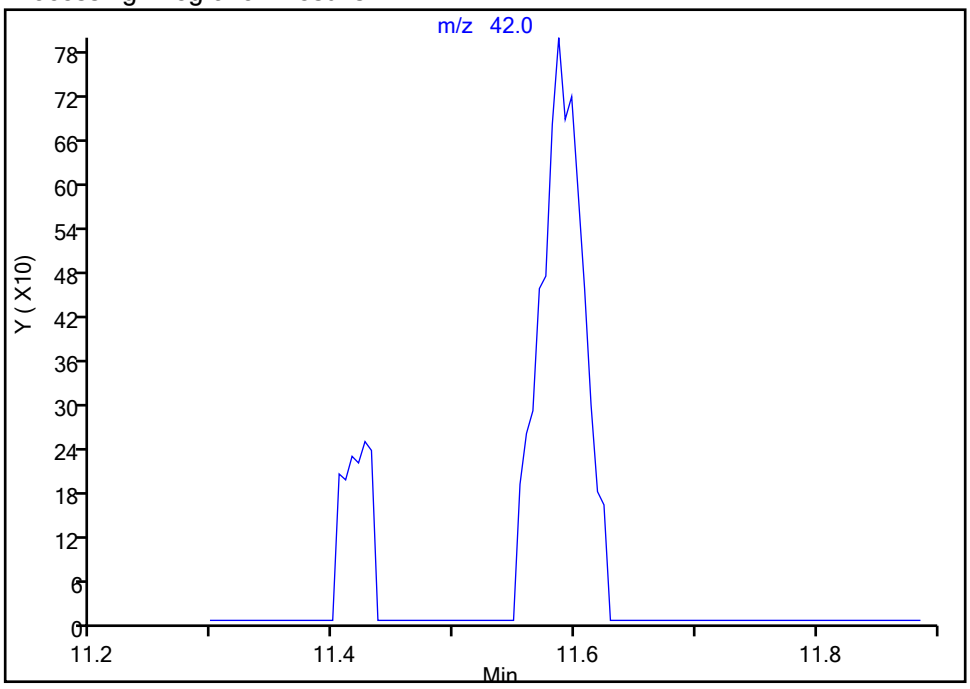
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

41 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

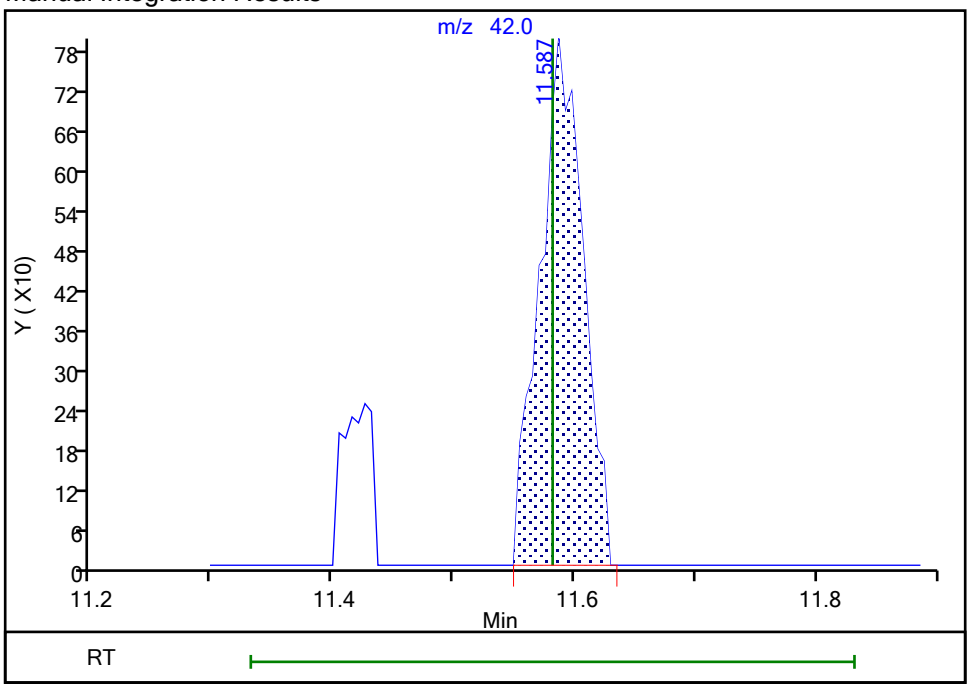
Not Detected
Expected RT: 11.58

Processing Integration Results



Manual Integration Results

RT: 11.59
Area: 1977
Amount: 0.285328
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 12:10:32
Audit Action: Manually Integrated Audit Reason: Assign Peak

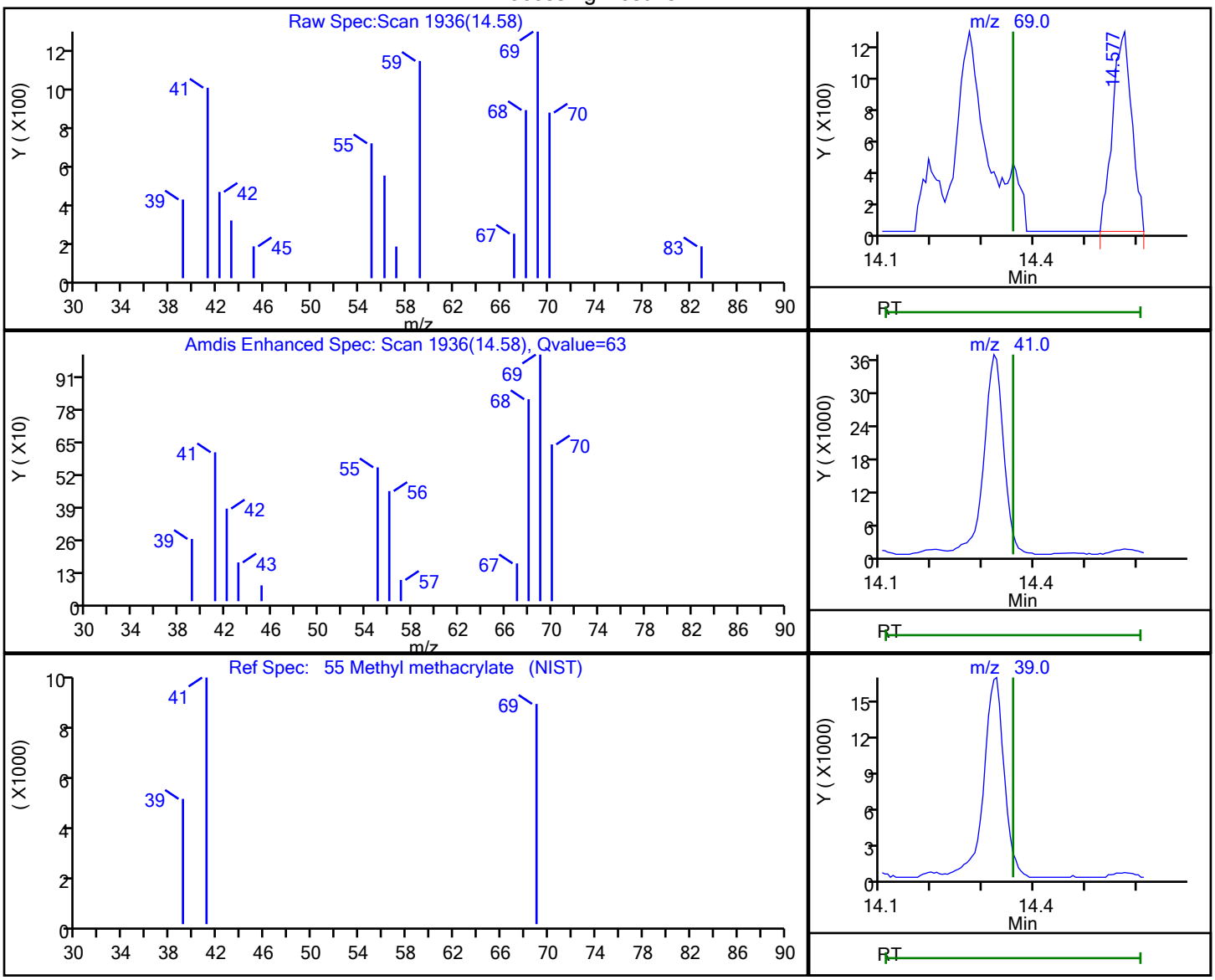
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

55 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
14.58	69.00	3318	0.418089
14.36	41.00	0	
14.36	39.00	0	

Reviewer: bunmaa, 03-May-2021 12:11:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

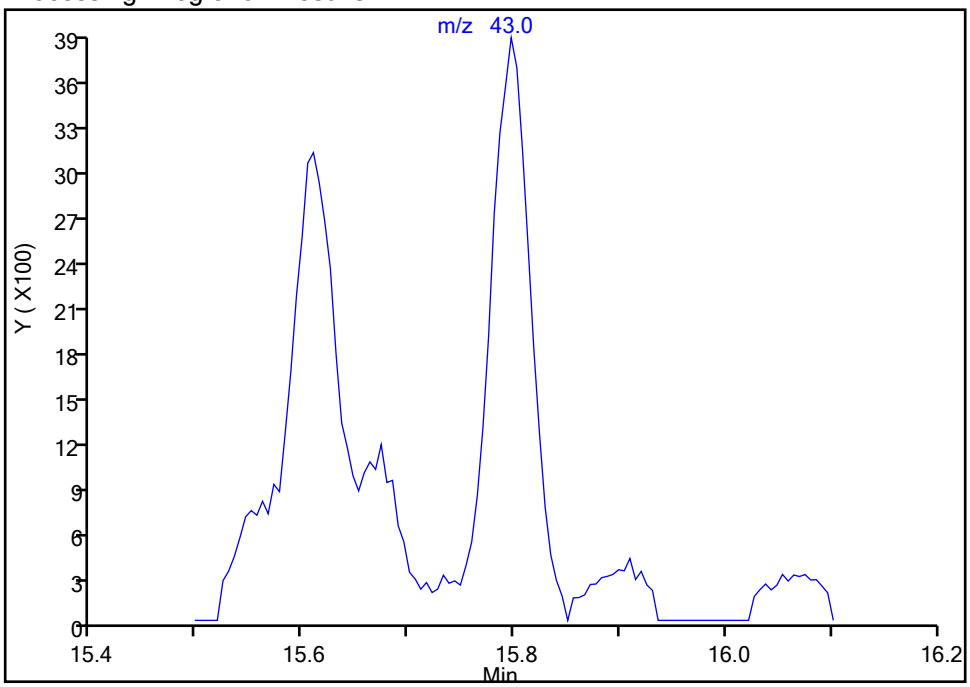
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

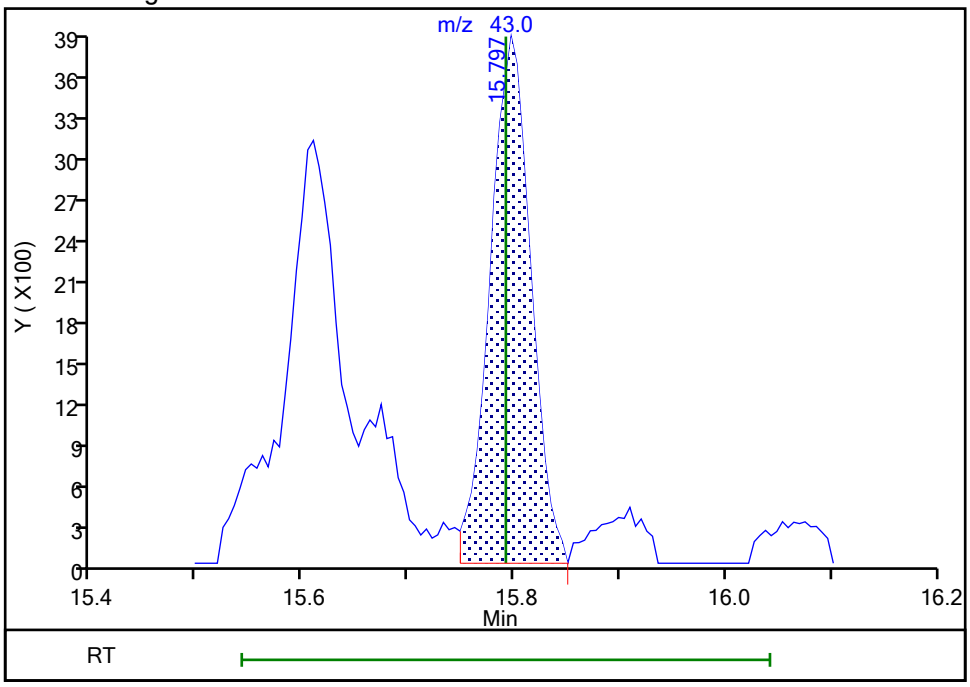
Not Detected
Expected RT: 15.79

Processing Integration Results



Manual Integration Results

RT: 15.80
Area: 10426
Amount: 0.719321
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 12:12:04
Audit Action: Manually Integrated Audit Reason: Assign Peak

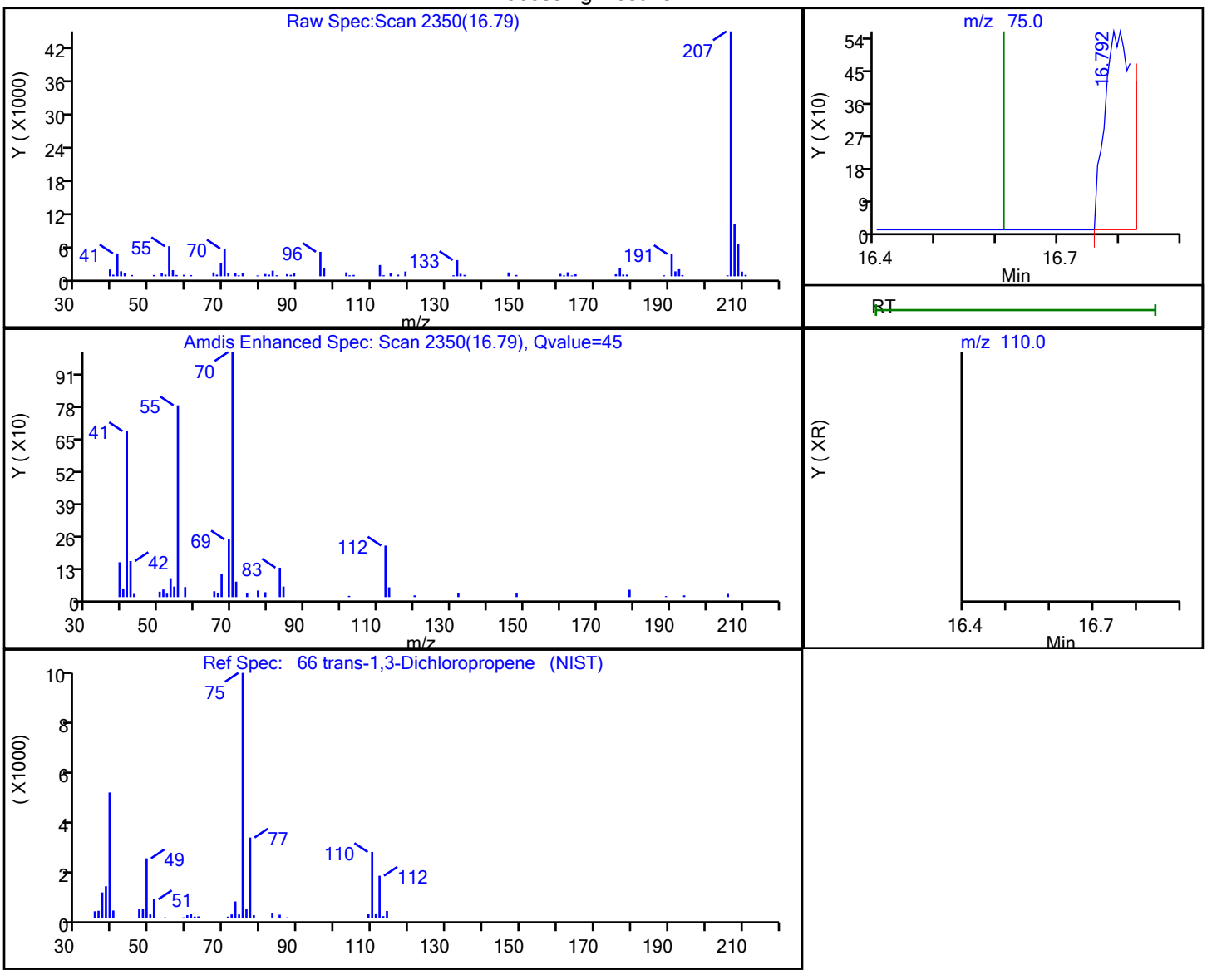
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

66 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
16.79	75.00	1707	0.141227
16.61	110.00	0	

Reviewer: bunmaa, 03-May-2021 12:12:20

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

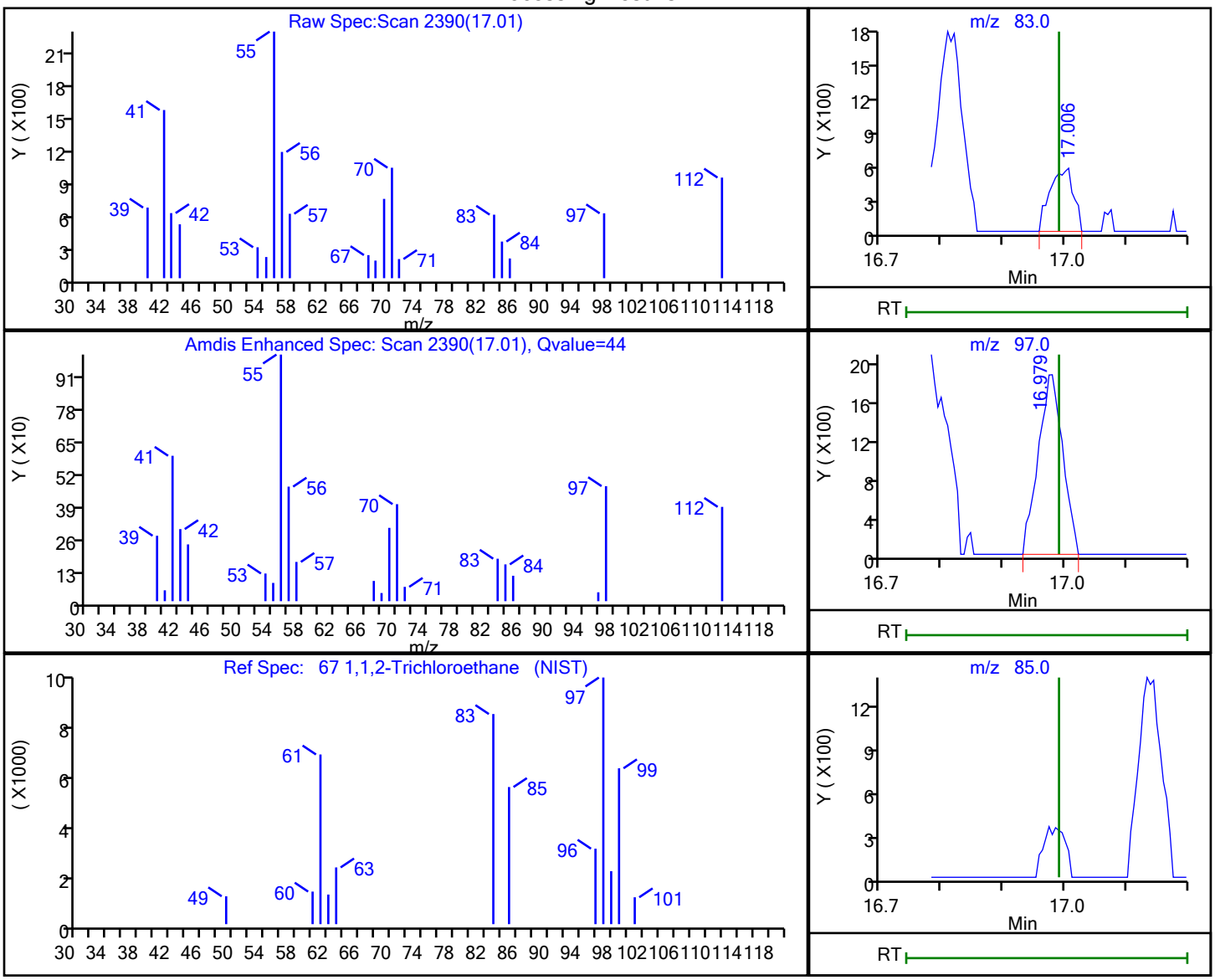
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
17.01	83.00	1508	0.193389
16.98	97.00	5025	
16.99	85.00	0	

Reviewer: bunmaa, 03-May-2021 12:13:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

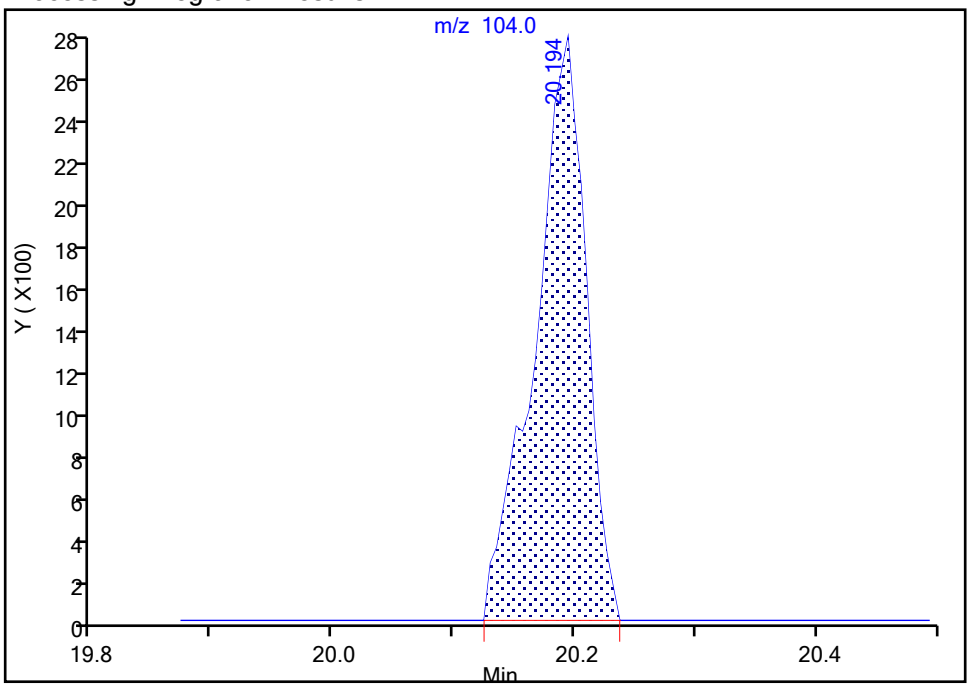
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 Styrene, CAS: 100-42-5

Signal: 1

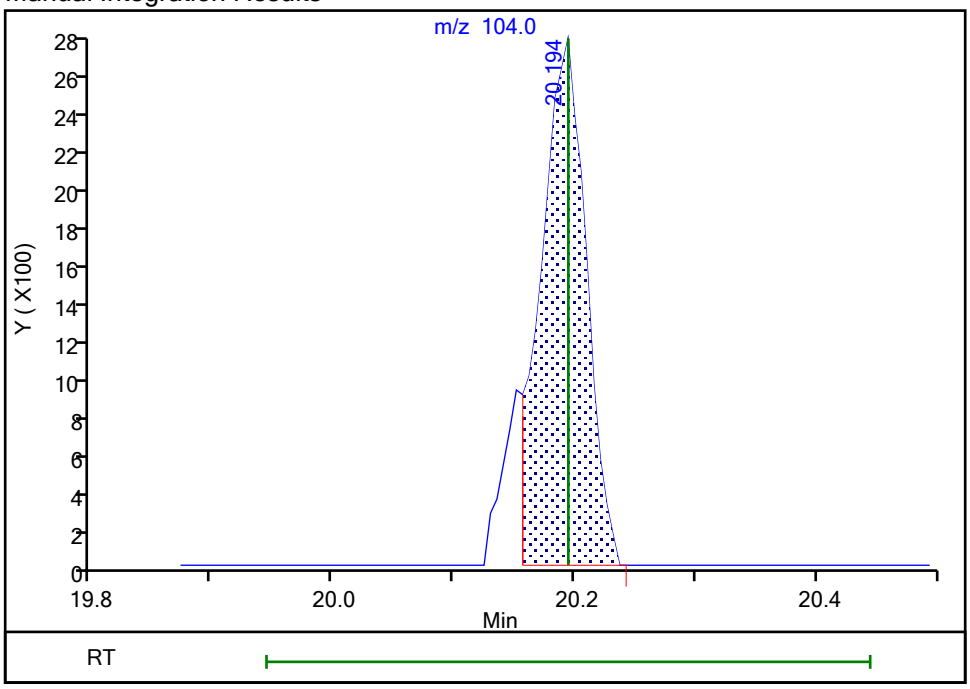
Processing Integration Results

RT: 20.19
Area: 7934
Amount: 0.443691
Amount Units: ppb v/v



Manual Integration Results

RT: 20.19
Area: 7060
Amount: 0.394815
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 12:13:57

Audit Action: Manually Integrated Audit Reason: Assign Peak

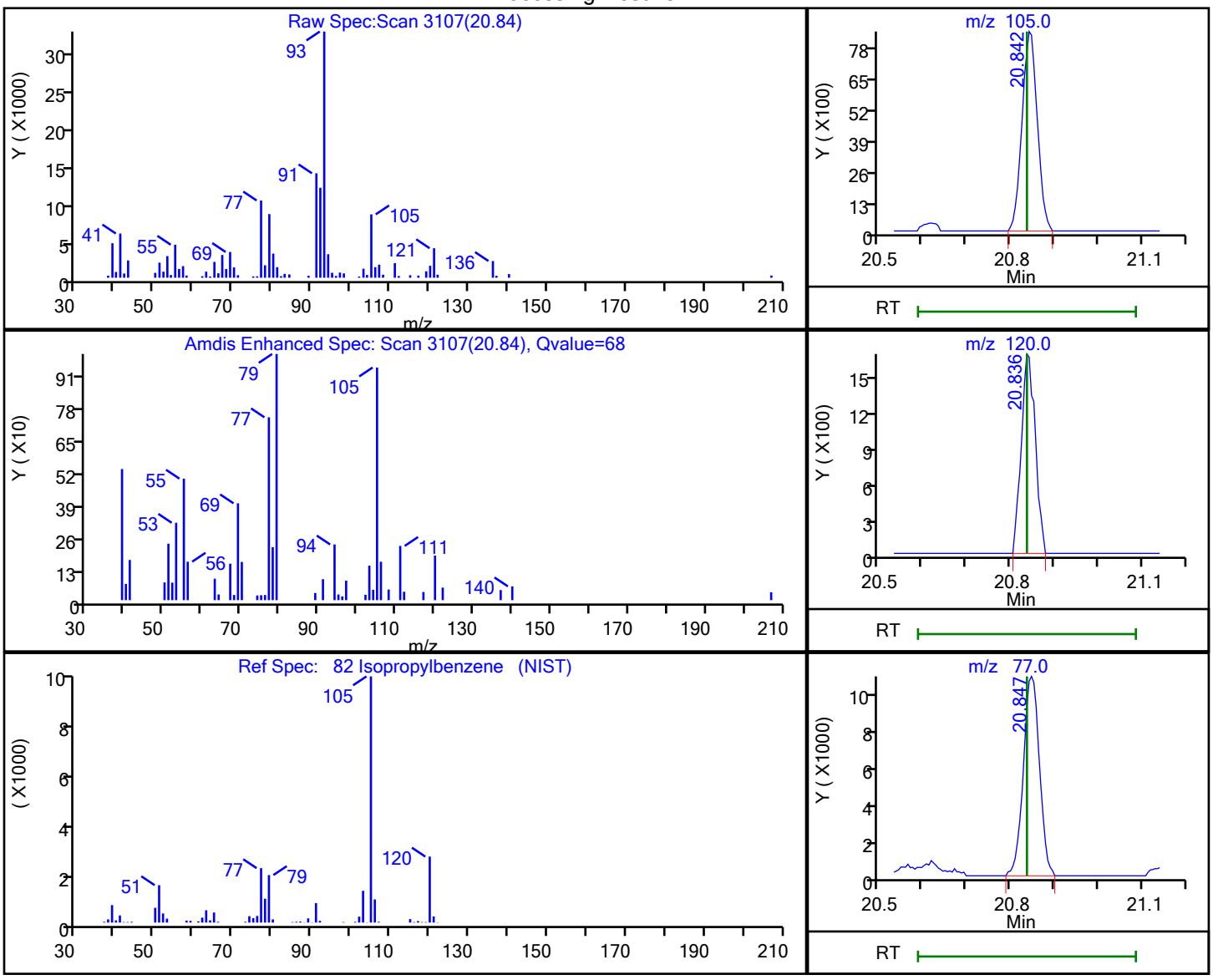
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
20.84	105.00	20479	0.574172
20.84	120.00	3575	
20.85	77.00	27066	

Reviewer: bunmaa, 03-May-2021 12:14:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

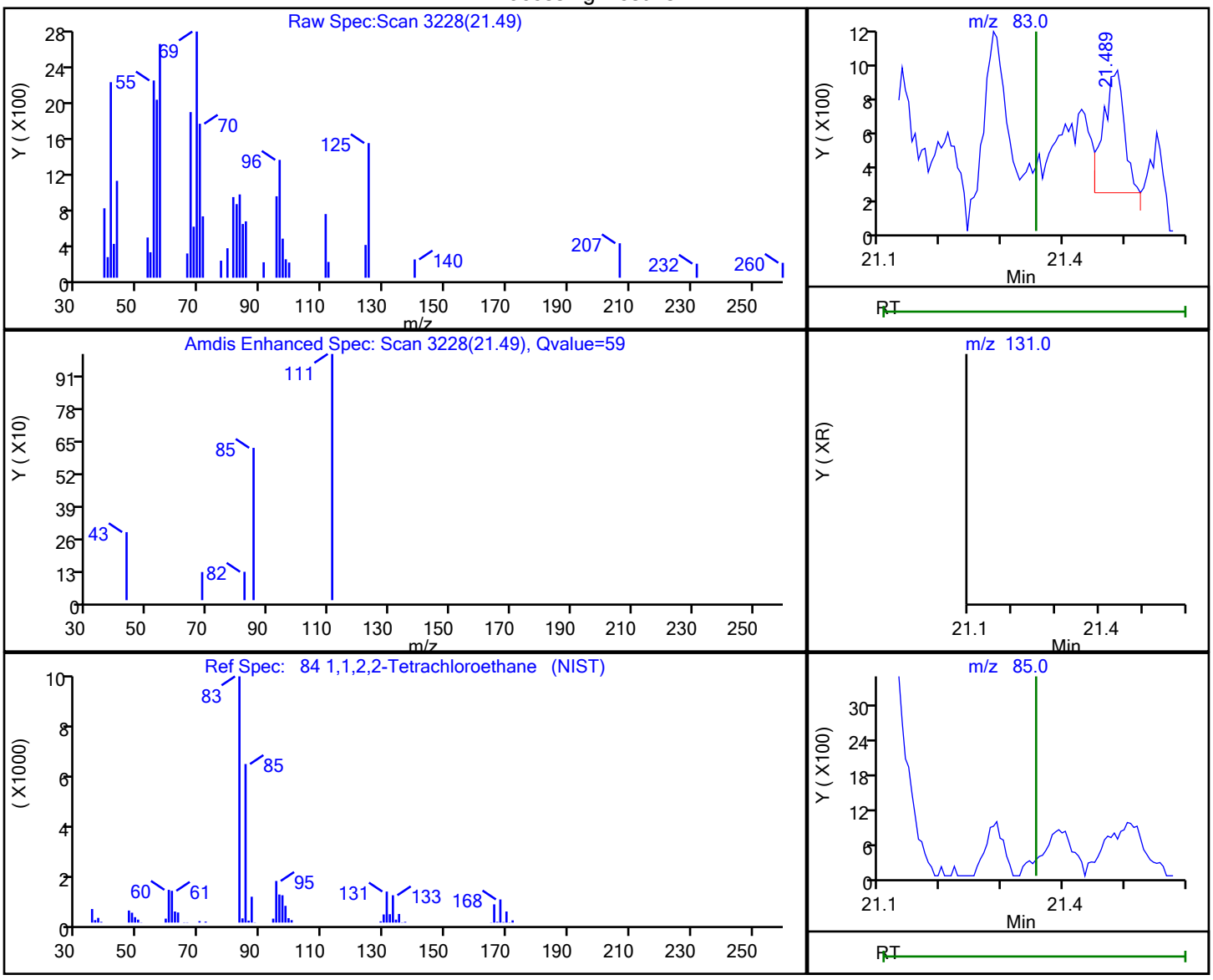
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

84 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
21.49	83.00	1688	0.099639
21.36	131.00	0	
21.36	85.00	0	

Reviewer: bunmaa, 03-May-2021 12:14:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

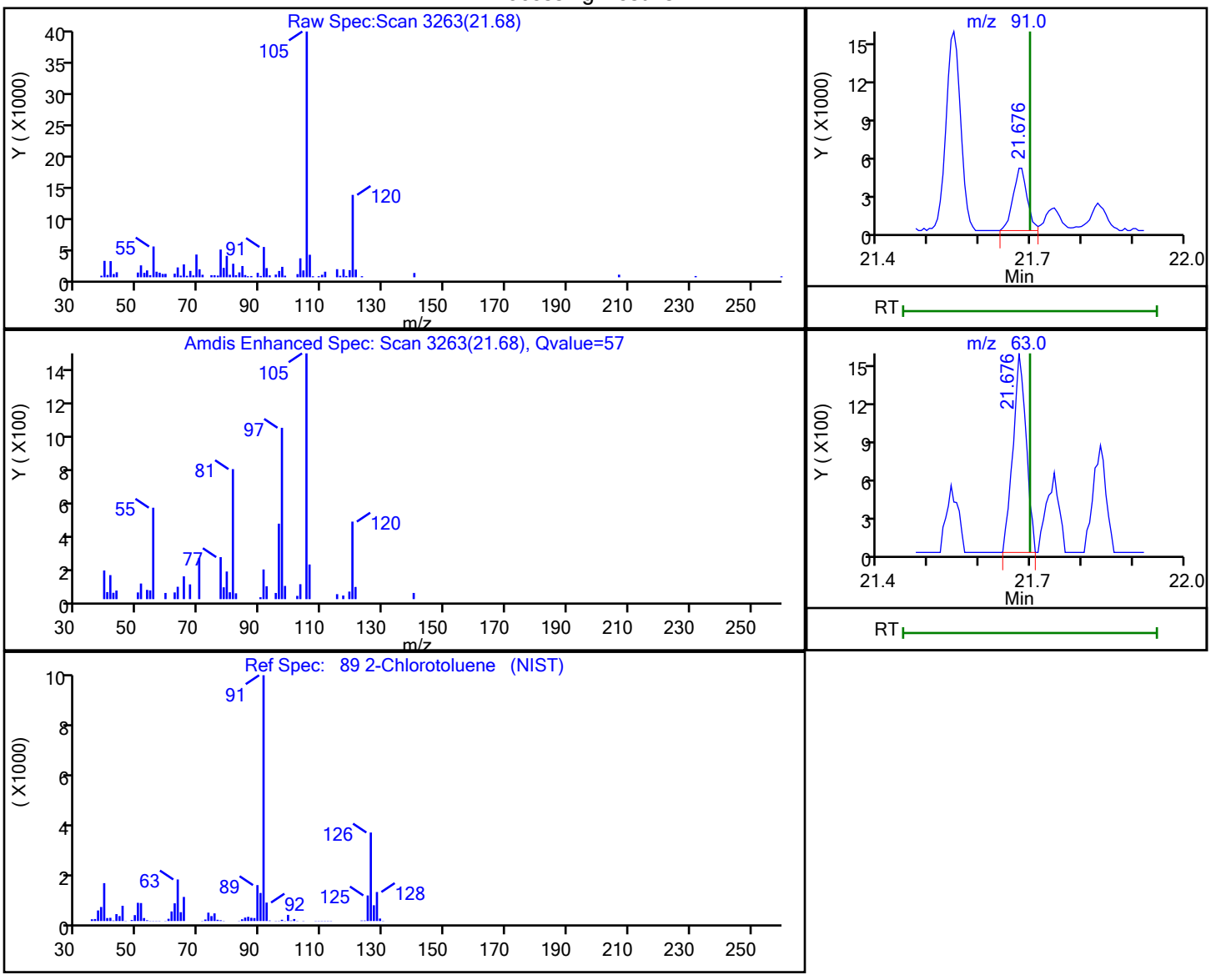
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

89 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
21.68	91.00	9450	0.398731
21.68	63.00	2853	

Reviewer: bunmaa, 03-May-2021 12:14:41

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

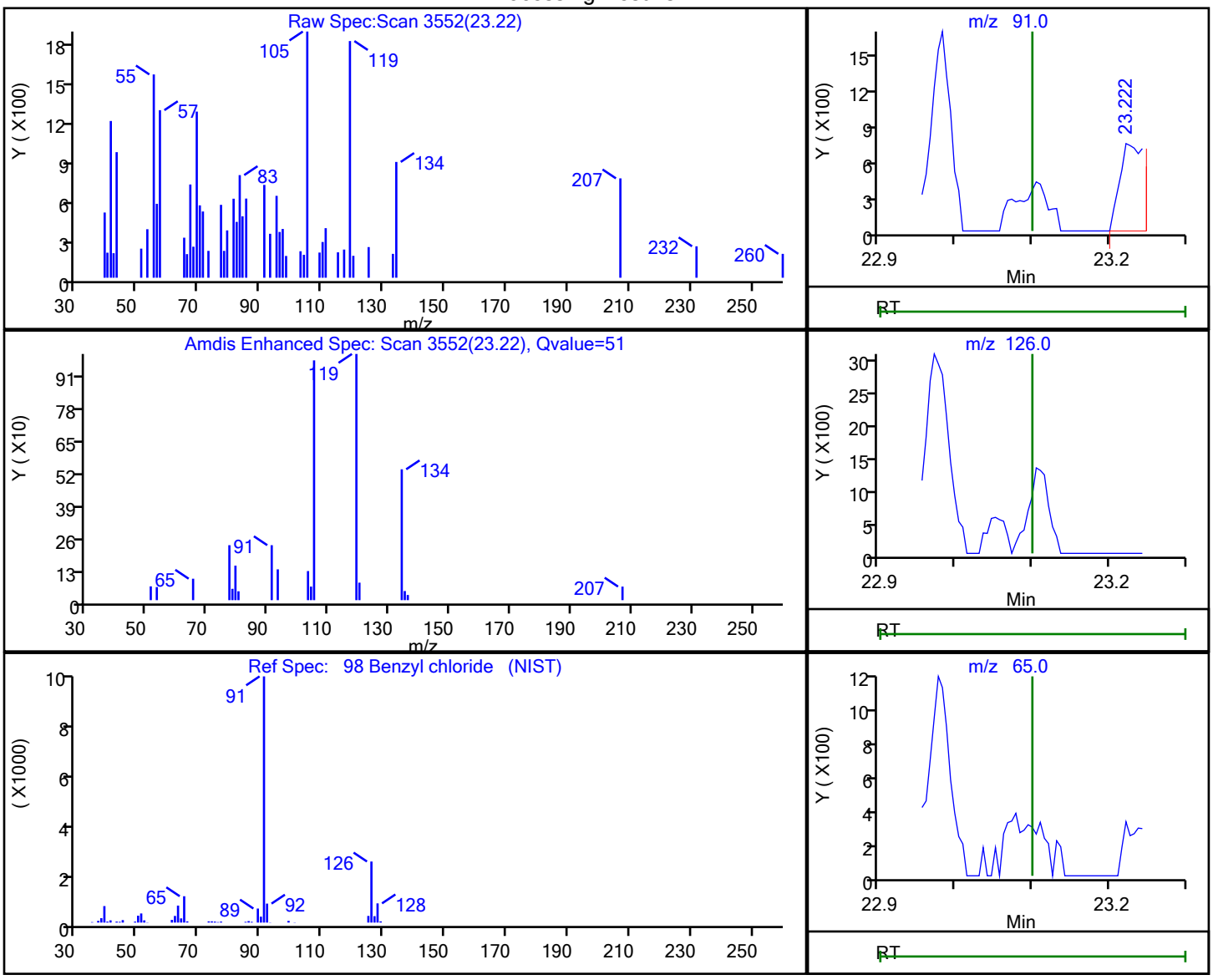
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
23.22	91.00	1602	0.118802
23.10	126.00	0	
23.10	65.00	0	

Reviewer: bunmaa, 03-May-2021 12:15:11

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

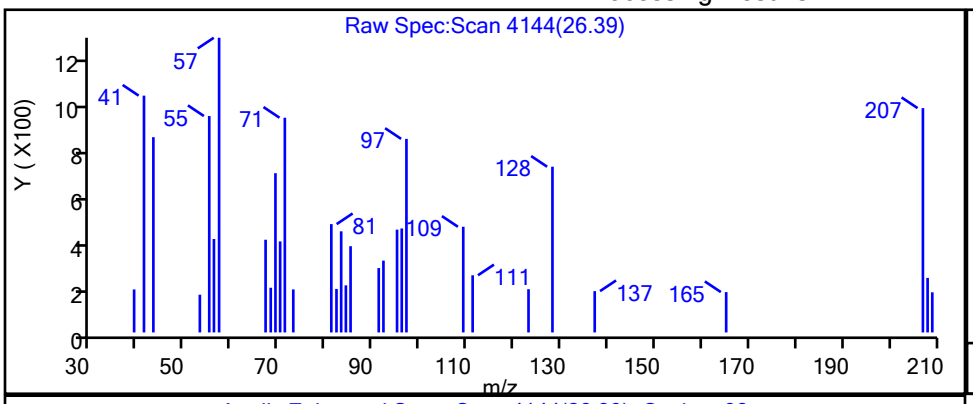
User Disabled Compound Report

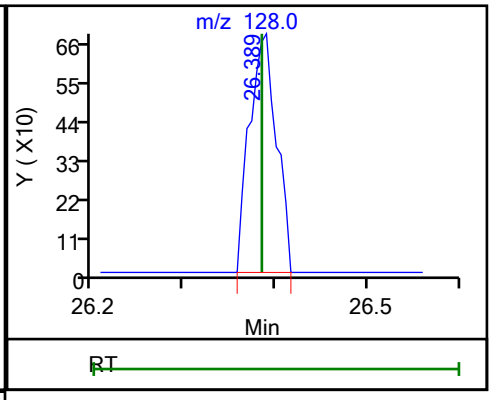
Eurofins TestAmerica, Burlington

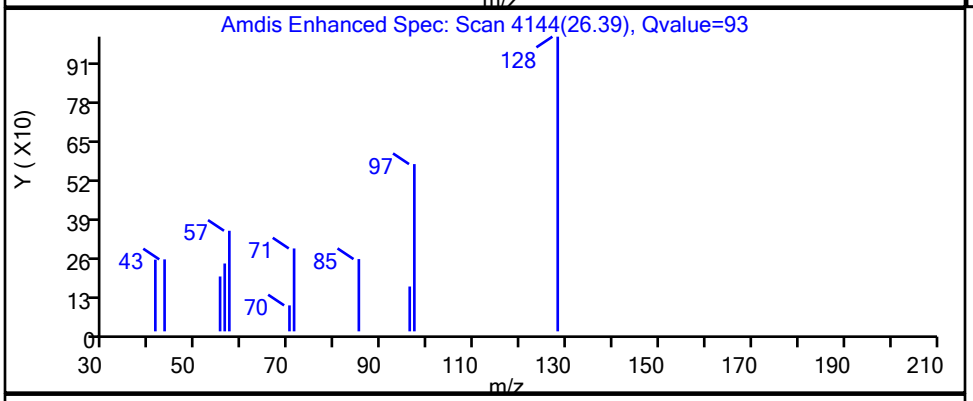
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-24.D				
Injection Date:	01-May-2021 04:03:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

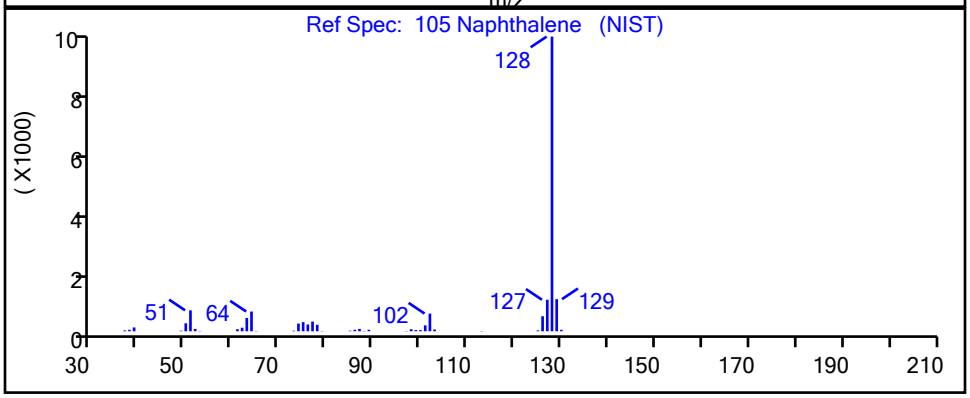
105 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
26.39	128.00	1417	0.114513

Reviewer: bunmaa, 03-May-2021 12:15:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-03_20210428 DL Lab Sample ID: 200-58258-4 DL

Matrix: Air Lab File ID: 200-45799-011.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:48

Sample wt/vol: 20(mL) Date Analyzed: 05/03/2021 16:24

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	*Dichlorodifluoromethane*	*120.91*	*25*	*U*	*25*	*5.4*
75-45-6	*Chlorodifluoromethane*	*86.47*	*18*	*U*	*18*	*3.9*
76-14-2	*1,2-Dichlorotetrafluoroethane*	*170.92*	*14*	*U*	*14*	*3.8*
74-87-3	*Chloromethane*	*50.49*	*10*	*U*	*10*	*2.5*
106-97-8	*n-Butane*	*58.12*	*9.2*	*J D*	*12*	*4.5*
75-01-4	*Vinyl chloride*	*62.50*	*2.0*	*U*	*2.0*	*0.72*
106-99-0	*1,3-Butadiene*	*54.09*	*4.4*	*U*	*4.4*	*0.84*
74-83-9	*Bromomethane*	*94.94*	*7.8*	*U*	*7.8*	*2.0*
75-00-3	*Chloroethane*	*64.52*	*13*	*U*	*13*	*6.6*
593-60-2	*Bromoethene(Vinyl Bromide)*	*106.96*	*8.7*	*U*	*8.7*	*3.7*
75-69-4	*Trichlorofluoromethane*	*137.37*	*11*	*U*	*11*	*2.9*
76-13-1	*1,1,2-Trichlorotrifluoroethane*	*187.38*	*15*	*U*	*15*	*4.2*
75-35-4	*1,1-Dichloroethene*	*96.94*	*2.0*	*U*	*2.0*	*1.1*
67-64-1	*Acetone*	*58.08*	*120*	*U*	*120*	*48*
67-63-0	*Isopropyl alcohol*	*60.10*	*120*	*U*	*120*	*24*
75-15-0	*Carbon disulfide*	*76.14*	*16*	*U*	*16*	*4.0*
107-05-1	*3-Chloropropene*	*76.53*	*16*	*U*	*16*	*3.4*
75-09-2	*Methylene Chloride*	*84.93*	*17*	*U*	*17*	*5.9*
75-65-0	*tert-Butyl alcohol*	*74.12*	*150*	*U*	*150*	*36*
1634-04-4	*Methyl tert-butyl ether*	*88.15*	*7.2*	*U*	*7.2*	*2.9*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*7.9*	*U*	*7.9*	*3.5*
110-54-3	*n-Hexane*	*86.17*	*7.0*	*U*	*7.0*	*8.1*
75-34-3	*1,1-Dichloroethane*	*98.96*	*8.1*	*U*	*8.1*	*1.2*
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	330	D	15	5.0
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*2.0*	*U*	*2.0*	*1.3*
67-66-3	*Chloroform*	*119.38*	*9.8*	*U*	*9.8*	*2.2*
109-99-9	*Tetrahydrofuran*	*72.11*	*150*	*U*	*150*	*35*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*11*	*U*	*11*	*2.1*
110-82-7	*Cyclohexane*	*84.16*	*6.9*	*U*	*6.9*	*1.2*
56-23-5	*Carbon tetrachloride*	*153.81*	*2.2*	*U*	*2.2*	*2.0*
540-84-1	*2,2,4-Trimethylpentane*	*114.23*	*9.3*	*U*	*9.3*	*1.6*
71-43-2	*Benzene*	*78.11*	*2.5*	*J D*	*6.4*	*2.4*
107-06-2	*1,2-Dichloroethane*	*98.96*	*8.1*	*U*	*8.1*	*6.1*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-03_20210428 DL Lab Sample ID: 200-58258-4 DL

Matrix: Air Lab File ID: 200-45799-011.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:48

Sample wt/vol: 20(mL) Date Analyzed: 05/03/2021 16:24

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	6.6	J D	8.2	2.4
79-01-6	Trichloroethene	131.39	2.0	U	2.0	1.3
80-62-6	Methyl methacrylate	100.12	20	U	20	6.6
78-87-5	1,2-Dichloropropane	112.99	9.2	U	9.2	4.0
123-91-1	1,4-Dioxane	88.11	180	U	180	61
75-27-4	Bromodichloromethane	163.83	13	U	13	2.7
10061-01-5	cis-1,3-Dichloropropene	110.97	9.1	U	9.1	0.91
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	20	U	20	7.8
108-88-3	Toluene	92.14	9.0	D	7.5	3.5
10061-02-6	trans-1,3-Dichloropropene	110.97	9.1	U	9.1	4.0
79-00-5	1,1,2-Trichloroethane	133.41	11	U	11	1.9
127-18-4	Tetrachloroethene	165.83	1.9	J D	14	1.8
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	28	D	20	8.2
124-48-1	Dibromochloromethane	208.28	17	U	17	2.6
106-93-4	1,2-Dibromoethane	187.87	15	U	15	3.5
108-90-7	Chlorobenzene	112.56	9.2	U	9.2	2.0
100-41-4	Ethylbenzene	106.17	6.8	J D	8.7	4.3
179601-23-1	m,p-Xylene	106.17	20	J D	22	7.4
95-47-6	o-Xylene	106.17	10	D	8.7	4.1
100-42-5	Styrene	104.15	8.5	U	8.5	1.4
75-25-2	Bromoform	252.75	21	U	21	6.0
98-82-8	Cumene	120.19	9.8	U	9.8	1.8
79-34-5	1,1,2,2-Tetrachloroethane	167.85	14	U	14	3.0
103-65-1	n-Propylbenzene	120.19	2.5	J D	9.8	2.3
622-96-8	4-Ethyltoluene	120.20	2.8	J D	9.8	2.5
108-67-8	1,3,5-Trimethylbenzene	120.20	3.7	J D	9.8	2.2
95-49-8	2-Chlorotoluene	126.59	10	U	10	2.5
98-06-6	tert-Butylbenzene	134.22	11	U	11	2.0
95-63-6	1,2,4-Trimethylbenzene	120.20	11	D	9.8	2.3
135-98-8	sec-Butylbenzene	134.22	11	U	11	2.1
99-87-6	4-Isopropyltoluene	134.22	11	U	11	2.1
541-73-1	1,3-Dichlorobenzene	147.00	12	U	12	5.4
106-46-7	1,4-Dichlorobenzene	147.00	12	U	12	5.7

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-03_20210428 DL Lab Sample ID: 200-58258-4 DL

Matrix: Air Lab File ID: 200-45799-011.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:48

Sample wt/vol: 20(mL) Date Analyzed: 05/03/2021 16:24

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	*Benzyl chloride*	*126.58*	*10*	*U*	*10*	*3.8*
104-51-8	*n-Butylbenzene*	*134.22*	*11*	*U*	*11*	*3.0*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*12*	*U*	*12*	*4.2*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*37*	*U*	*37*	*14*
87-68-3	*Hexachlorobutadiene*	*260.76*	*21*	*U*	*21*	*3.3*
91-20-3	*Naphthalene*	*128.17*	*26*	*U*	*26*	*8.9*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-03_20210428 DL Lab Sample ID: 200-58258-4 DL

Matrix: Air Lab File ID: 200-45799-011.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:48

Sample wt/vol: 20(mL) Date Analyzed: 05/03/2021 16:24

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	*Dichlorodifluoromethane*	*120.91*	*5.0*	*U*	*5.0*	*1.1*
75-45-6	*Chlorodifluoromethane*	*86.47*	*5.0*	*U*	*5.0*	*1.1*
76-14-2	*1,2-Dichlorotetrafluoroethane*	*170.92*	*2.0*	*U*	*2.0*	*0.55*
74-87-3	*Chloromethane*	*50.49*	*5.0*	*U*	*5.0*	*1.2*
106-97-8	*n-Butane*	*58.12*	*3.9*	*J D*	*5.0*	*1.9*
75-01-4	*Vinyl chloride*	*62.50*	*0.78*	*U*	*0.78*	*0.28*
106-99-0	*1,3-Butadiene*	*54.09*	*2.0*	*U*	*2.0*	*0.38*
74-83-9	*Bromomethane*	*94.94*	*2.0*	*U*	*2.0*	*0.52*
75-00-3	*Chloroethane*	*64.52*	*5.0*	*U*	*5.0*	*2.5*
593-60-2	*Bromoethene(Vinyl Bromide)*	*106.96*	*2.0*	*U*	*2.0*	*0.85*
75-69-4	*Trichlorofluoromethane*	*137.37*	*2.0*	*U*	*2.0*	*0.52*
76-13-1	*1,1,2-Trichlorotrifluoroethane*	*187.38*	*2.0*	*U*	*2.0*	*0.55*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.50*	*U*	*0.50*	*0.29*
67-64-1	*Acetone*	*58.08*	*50*	*U*	*50*	*20*
67-63-0	*Isopropyl alcohol*	*60.10*	*50*	*U*	*50*	*9.8*
75-15-0	*Carbon disulfide*	*76.14*	*5.0*	*U*	*5.0*	*1.3*
107-05-1	*3-Chloropropene*	*76.53*	*5.0*	*U*	*5.0*	*1.1*
75-09-2	*Methylene Chloride*	*84.93*	*5.0*	*U*	*5.0*	*1.7*
75-65-0	*tert-Butyl alcohol*	*74.12*	*50*	*U*	*50*	*12*
1634-04-4	*Methyl tert-butyl ether*	*88.15*	*2.0*	*U*	*2.0*	*0.80*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*2.0*	*U*	*2.0*	*0.88*
110-54-3	*n-Hexane*	*86.17*	*2.0*	*U*	*2.0*	*2.3*
75-34-3	*1,1-Dichloroethane*	*98.96*	*2.0*	*U*	*2.0*	*0.29*
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	110	D	5.0	1.7
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.50*	*U*	*0.50*	*0.33*
67-66-3	*Chloroform*	*119.38*	*2.0*	*U*	*2.0*	*0.46*
109-99-9	*Tetrahydrofuran*	*72.11*	*50*	*U*	*50*	*12*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*2.0*	*U*	*2.0*	*0.39*
110-82-7	*Cyclohexane*	*84.16*	*2.0*	*U*	*2.0*	*0.35*
56-23-5	*Carbon tetrachloride*	*153.81*	*0.35*	*U*	*0.35*	*0.32*
540-84-1	*2,2,4-Trimethylpentane*	*114.23*	*2.0*	*U*	*2.0*	*0.35*
71-43-2	*Benzene*	*78.11*	*0.77*	*J D*	*2.0*	*0.74*
107-06-2	*1,2-Dichloroethane*	*98.96*	*2.0*	*U*	*2.0*	*1.5*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-03_20210428 DL Lab Sample ID: 200-58258-4 DL

Matrix: Air Lab File ID: 200-45799-011.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:48

Sample wt/vol: 20(mL) Date Analyzed: 05/03/2021 16:24

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	1.6	J D	2.0	0.59
79-01-6	Trichloroethene	131.39	0.37	U	0.37	0.24
80-62-6	Methyl methacrylate	100.12	5.0	U	5.0	1.6
78-87-5	1,2-Dichloropropane	112.99	2.0	U	2.0	0.87
123-91-1	1,4-Dioxane	88.11	50	U	50	17
75-27-4	Bromodichloromethane	163.83	2.0	U	2.0	0.40
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U	2.0	0.20
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	5.0	U	5.0	1.9
108-88-3	Toluene	92.14	2.4	D	2.0	0.93
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U	2.0	0.89
79-00-5	1,1,2-Trichloroethane	133.41	2.0	U	2.0	0.34
127-18-4	Tetrachloroethene	165.83	0.29	J D	2.0	0.27
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	6.7	D	5.0	2.0
124-48-1	Dibromochloromethane	208.28	2.0	U	2.0	0.31
106-93-4	1,2-Dibromoethane	187.87	2.0	U	2.0	0.46
108-90-7	Chlorobenzene	112.56	2.0	U	2.0	0.43
100-41-4	Ethylbenzene	106.17	1.6	J D	2.0	1.0
179601-23-1	m,p-Xylene	106.17	4.7	J D	5.0	1.7
95-47-6	o-Xylene	106.17	2.3	D	2.0	0.94
100-42-5	Styrene	104.15	2.0	U	2.0	0.32
75-25-2	Bromoform	252.75	2.0	U	2.0	0.58
98-82-8	Cumene	120.19	2.0	U	2.0	0.37
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.0	U	2.0	0.43
103-65-1	n-Propylbenzene	120.19	0.51	J D	2.0	0.47
622-96-8	4-Ethyltoluene	120.20	0.56	J D	2.0	0.51
108-67-8	1,3,5-Trimethylbenzene	120.20	0.75	J D	2.0	0.44
95-49-8	2-Chlorotoluene	126.59	2.0	U	2.0	0.48
98-06-6	tert-Butylbenzene	134.22	2.0	U	2.0	0.37
95-63-6	1,2,4-Trimethylbenzene	120.20	2.2	D	2.0	0.47
135-98-8	sec-Butylbenzene	134.22	2.0	U	2.0	0.39
99-87-6	4-Isopropyltoluene	134.22	2.0	U	2.0	0.39
541-73-1	1,3-Dichlorobenzene	147.00	2.0	U	2.0	0.89
106-46-7	1,4-Dichlorobenzene	147.00	2.0	U	2.0	0.95

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-03_20210428 DL Lab Sample ID: 200-58258-4 DL

Matrix: Air Lab File ID: 200-45799-011.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:48

Sample wt/vol: 20(mL) Date Analyzed: 05/03/2021 16:24

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	*Benzyl chloride*	*126.58*	*2.0*	*U*	*2.0*	*0.74*
104-51-8	*n-Butylbenzene*	*134.22*	*2.0*	*U*	*2.0*	*0.55*
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*2.0*	*U*	*2.0*	*0.70*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*5.0*	*U*	*5.0*	*1.9*
87-68-3	*Hexachlorobutadiene*	*260.76*	*2.0*	*U*	*2.0*	*0.31*
91-20-3	*Naphthalene*	*128.17*	*5.0*	*U*	*5.0*	*1.7*

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D
Lims ID: 200-58258-A-4
Client ID: SV-03_20210428
Sample Type: Client
Inject. Date: 03-May-2021 16:24:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Sample Info: 200-0045799-011
Misc. Info.: 58258-4dl
Operator ID: ggg Instrument ID: CHG.i

Method: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 04-May-2021 09:11:36 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1665

First Level Reviewer: bunmaa Date: 04-May-2021 09:11:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.097	3.091	0.006	1	828	0.0302	
3 Chlorodifluoromethane	51		3.107				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.300				ND	
5 Chloromethane	50		3.369				ND	7
7 Vinyl chloride	62		3.557				ND	
6 Butane	43	3.567	3.567	0.000	88	3411	0.3858	
8 Butadiene	54		3.632				ND	U
10 Bromomethane	94		4.086				ND	
11 Chloroethane	64		4.273				ND	7
13 Vinyl bromide	106		4.584				ND	
14 Trichlorofluoromethane	101		4.718				ND	7
21 1,1-Dichloroethene	96		5.568				ND	
22 Acetone	43	5.595	5.590	0.016	100	14539	1.74	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.611				ND	
24 Isopropyl alcohol	45		5.820				ND	U
23 Carbon disulfide	76	5.943	5.943	0.000	66	588	0.0255	M
25 3-Chloro-1-propene	41		6.157				ND	
27 Methylene Chloride	49		6.360				ND	7
28 2-Methyl-2-propanol	59		6.520				ND	
31 trans-1,2-Dichloroethene	61		6.857				ND	
29 Methyl tert-butyl ether	73		6.873				ND	
33 Hexane	57		7.382				ND	U
34 1,1-Dichloroethane	63		7.564				ND	
38 2-Butanone (MEK)	72	8.495	8.489	0.006	100	31561	11.3	
37 cis-1,2-Dichloroethene	96		8.526				ND	
* 40 Chlorobromomethane	128	8.928	8.928	0.000	81	109564	10.0	
41 Tetrahydrofuran	42		9.008				ND	
42 Chloroform	83		9.115				ND	
44 1,1,1-Trichloroethane	97		9.457				ND	
43 Cyclohexane	84		9.634				ND	U
45 Carbon tetrachloride	117		9.762				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
47 Benzene	78	10.094	10.094	-0.005	39	2307	0.0770	M
48 1,2-Dichloroethane	62		10.147				ND	
46 Isooctane	57	10.410	10.410	0.011	53	1464	0.0302	M
49 n-Heptane	43	10.741	10.741	0.000	84	2841	0.1618	
* 50 1,4-Difluorobenzene	114	10.897	10.896	0.001	94	608840	10.0	
53 Trichloroethene	95		11.389				ND	
54 1,2-Dichloropropane	63		11.865				ND	
55 Methyl methacrylate	69		12.009				ND	
56 1,4-Dioxane	88		12.031				ND	
58 Dichlorobromomethane	83		12.384				ND	
60 cis-1,3-Dichloropropene	75		13.282				ND	
61 4-Methyl-2-pentanone (MIBK)	43		13.577				ND	7
65 Toluene	92	13.994	14.010	-0.011	89	5843	0.2389	
66 trans-1,3-Dichloropropene	75		14.427				ND	
67 1,1,2-Trichloroethane	83		14.823				ND	7
68 Tetrachloroethene	166	15.085	15.096	-0.011	27	755	0.0285	
69 2-Hexanone	43	15.299	15.299	0.005	93	17052	0.6724	
71 Chlorodibromomethane	129		15.615				ND	
72 Ethylene Dibromide	107		15.856				ND	
* 74 Chlorobenzene-d5	117	16.856	16.856	0.000	87	571786	10.0	
75 Chlorobenzene	112		16.920				ND	
76 Ethylbenzene	91	17.150	17.150	0.000	97	8858	0.1570	
78 m-Xylene & p-Xylene	106	17.429	17.429	-0.010	0	9228	0.4703	M
79 o-Xylene	106	18.231	18.231	-0.005	98	4820	0.2300	M
80 Styrene	104	18.263	18.263	-0.005	1	499	0.0174	M
81 Bromoform	173		18.605				ND	
82 Isopropylbenzene	105	19.023	19.023	-0.010	1	718	0.0121	M
84 1,1,2,2-Tetrachloroethane	83		19.568				ND	7
85 N-Propylbenzene	91	19.836	19.836	0.000	95	3576	0.0511	
89 2-Chlorotoluene	91		19.980				ND	MU
88 4-Ethyltoluene	105	20.061	20.066	0.001	92	3216	0.0560	
90 1,3,5-Trimethylbenzene	105	20.168	20.162	0.001	87	3817	0.0746	
92 tert-Butylbenzene	119		20.686				ND	7
93 1,2,4-Trimethylbenzene	105	20.777	20.777	0.000	95	11497	0.2203	
94 sec-Butylbenzene	105	21.034	21.034	-0.005	7	855	0.0116	
96 1,3-Dichlorobenzene	146		21.195				ND	7
95 4-Isopropyltoluene	119		21.269				ND	7
97 1,4-Dichlorobenzene	146		21.344				ND	U
98 Benzyl chloride	91		21.494				ND	7
101 1,2-Dichlorobenzene	146		21.842				ND	7
100 n-Butylbenzene	91		21.847				ND	U
103 1,2,4-Trichlorobenzene	180		24.239				ND	7
104 Hexachlorobutadiene	225		24.511				ND	7
105 Naphthalene	128		24.683				ND	U

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

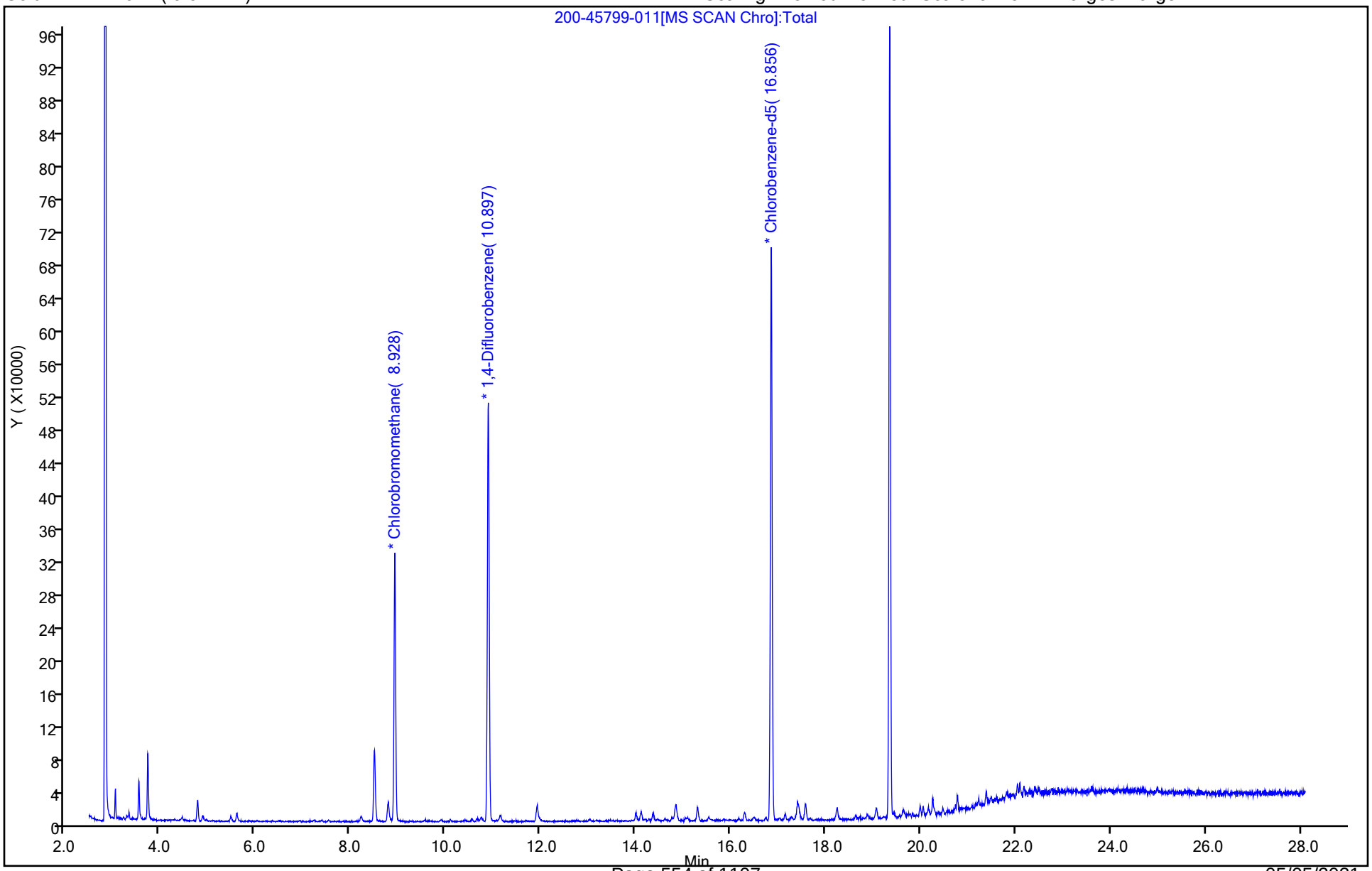
ATTO15GIS_00017 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 04-May-2021 09:11:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4	Worklist Smp#:	11
Client ID:	SV-03_20210428				
Purge Vol:	200.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	10
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



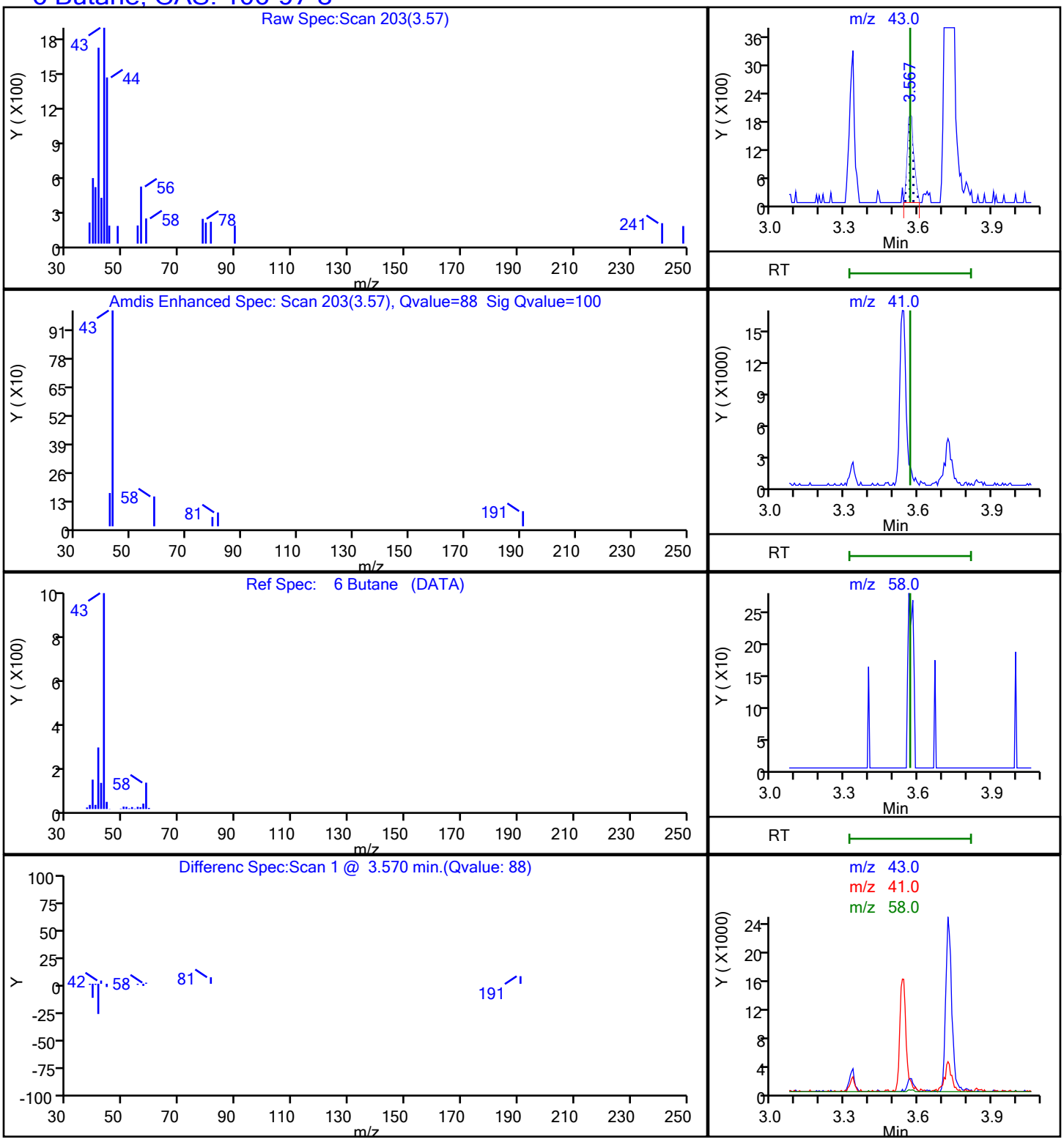
Report Date: 04-May-2021 09:11:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D

Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

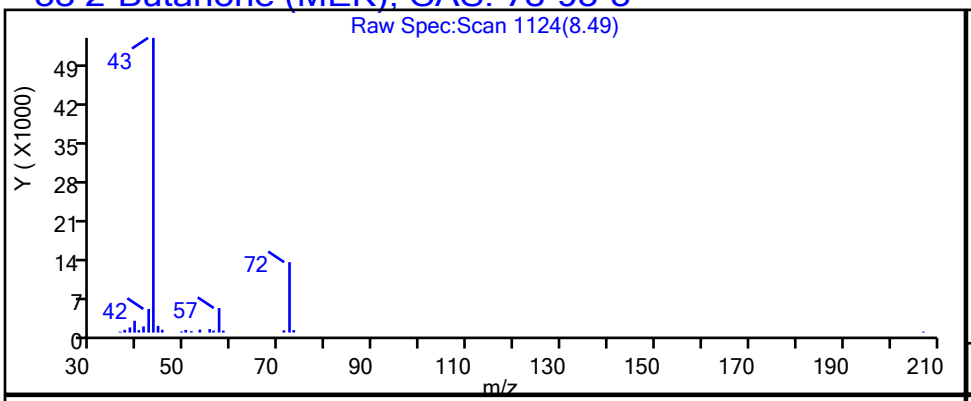
6 Butane, CAS: 106-97-8

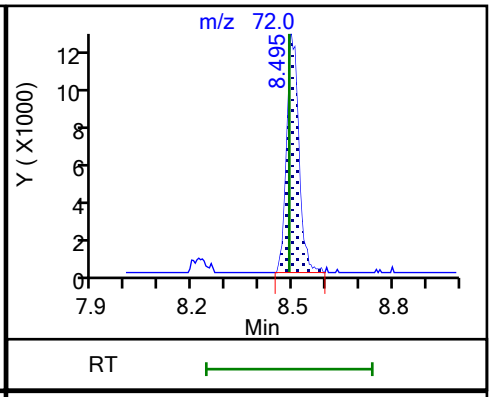


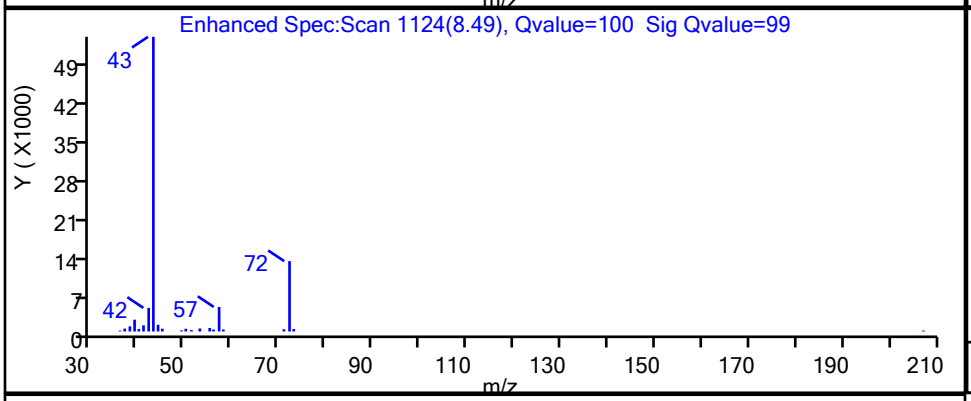
Eurofins TestAmerica, Burlington

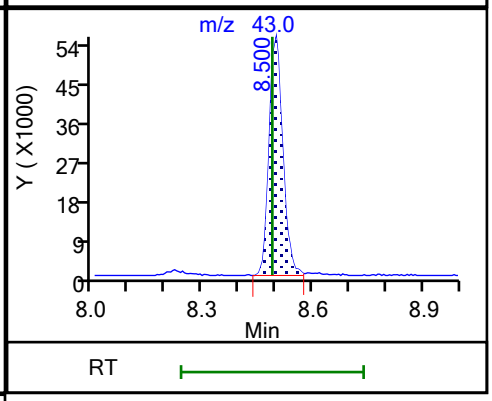
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

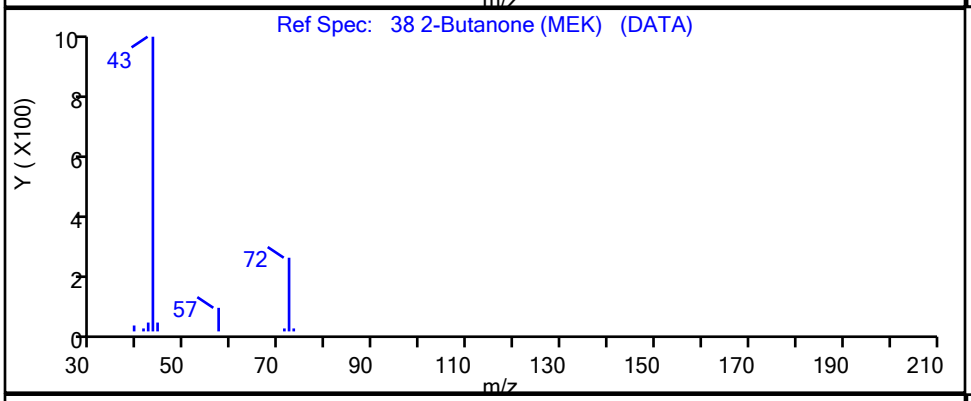
38 2-Butanone (MEK), CAS: 78-93-3

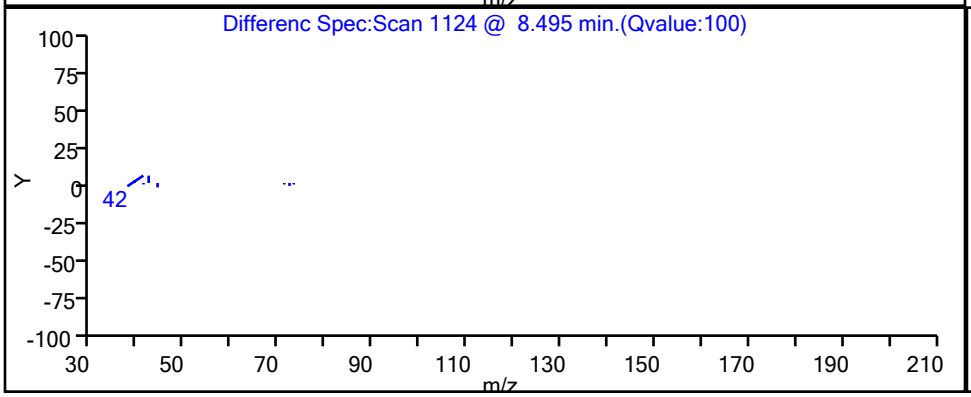


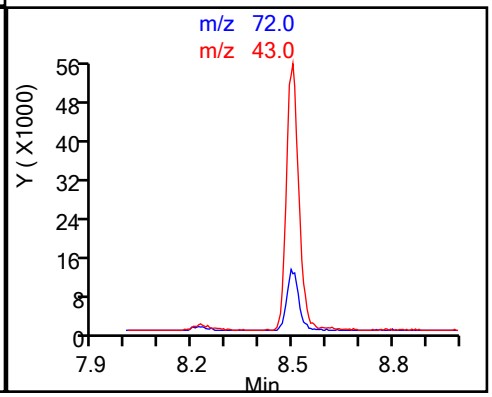












Report Date: 04-May-2021 09:11:36 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

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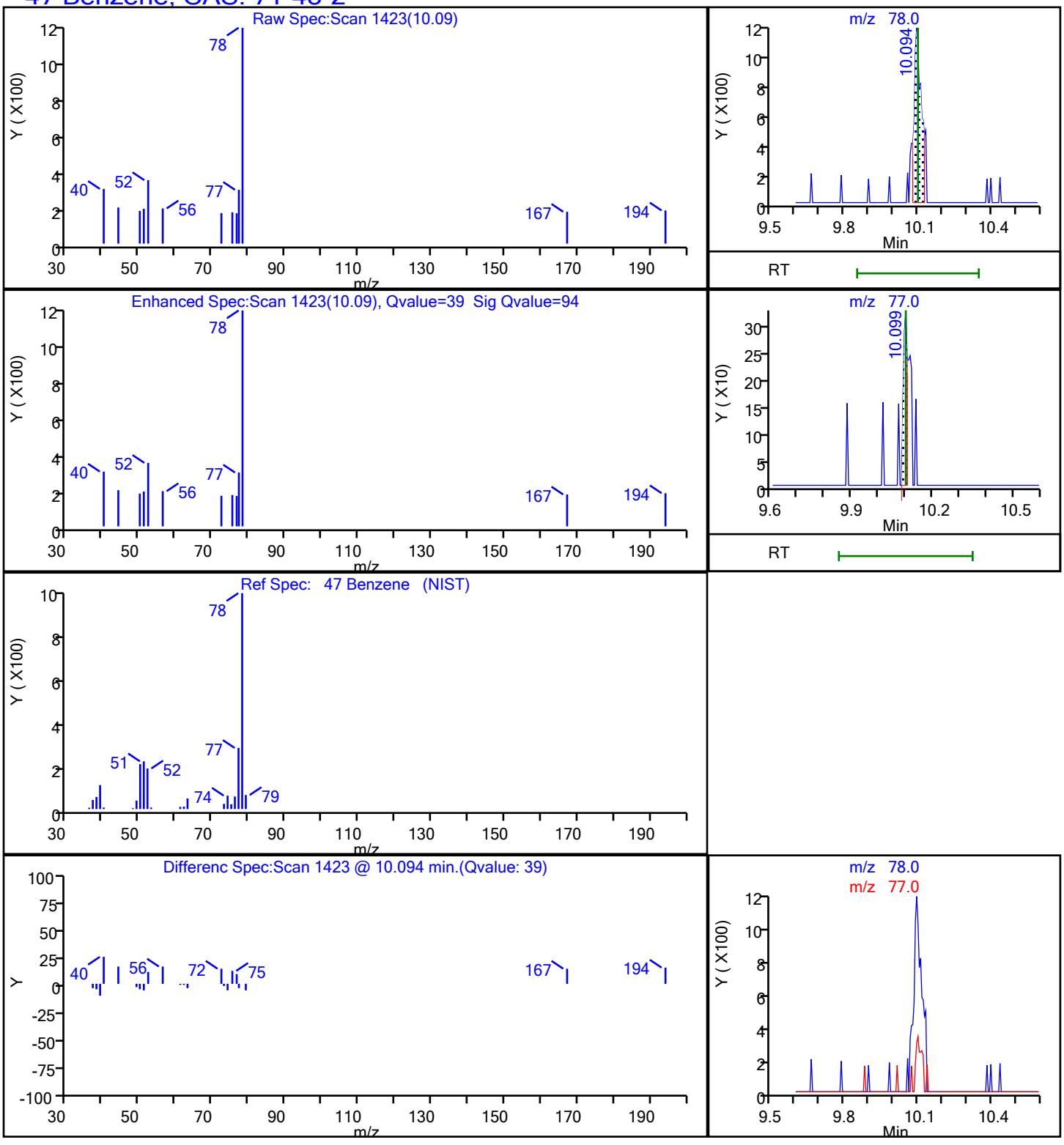
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2



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Eurofins TestAmerica, Burlington

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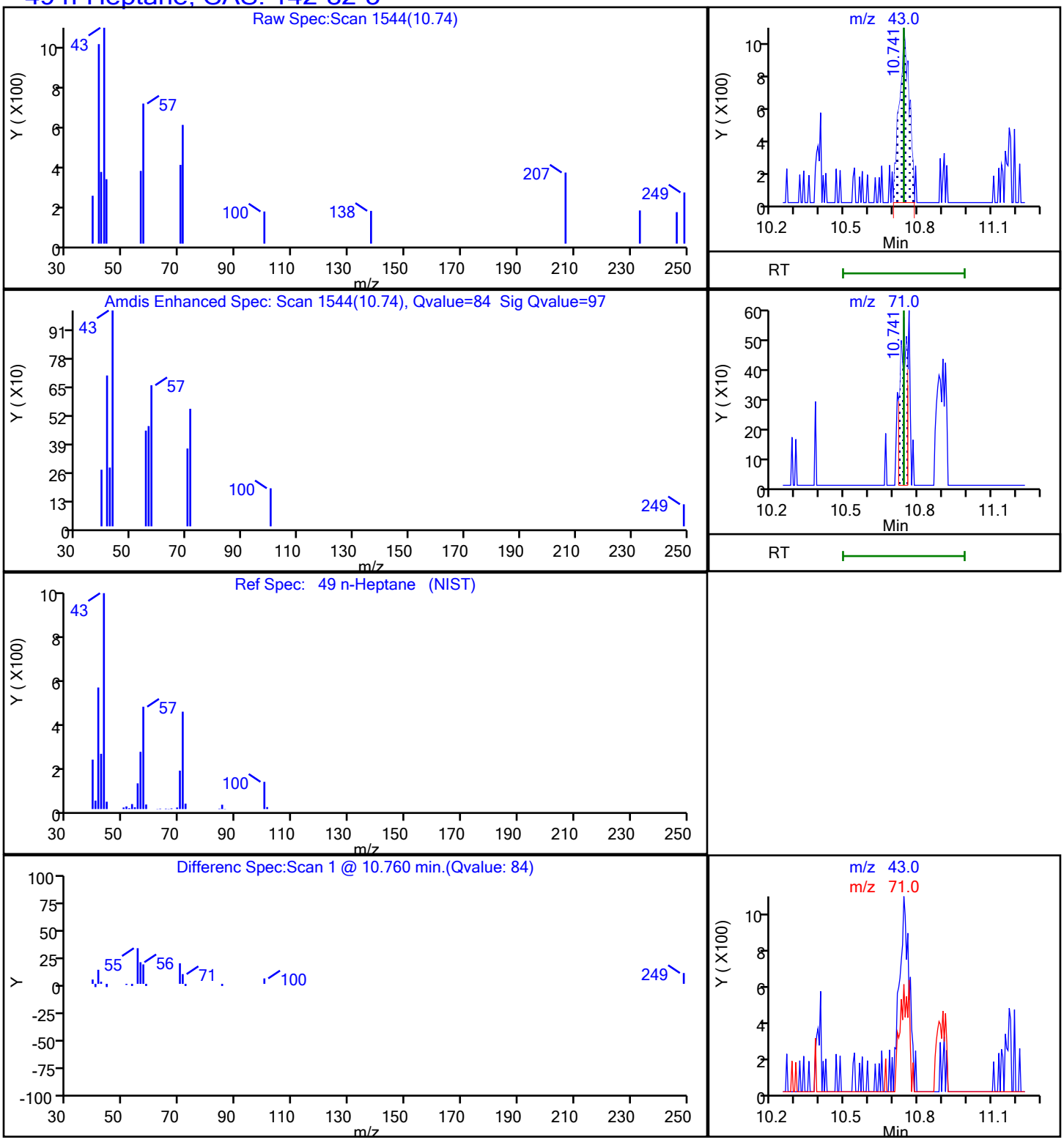
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5



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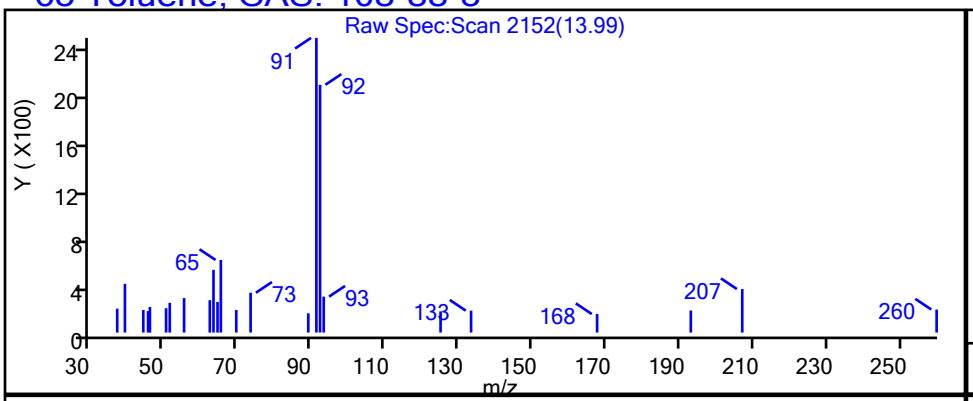
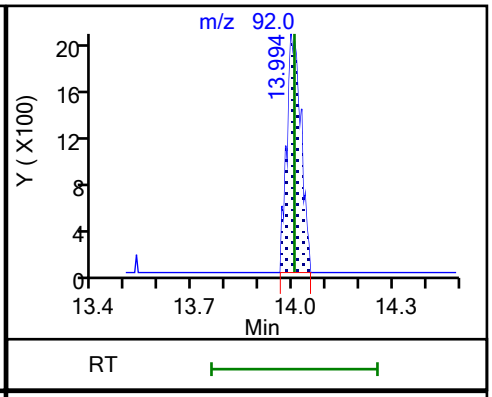
Eurofins TestAmerica, Burlington

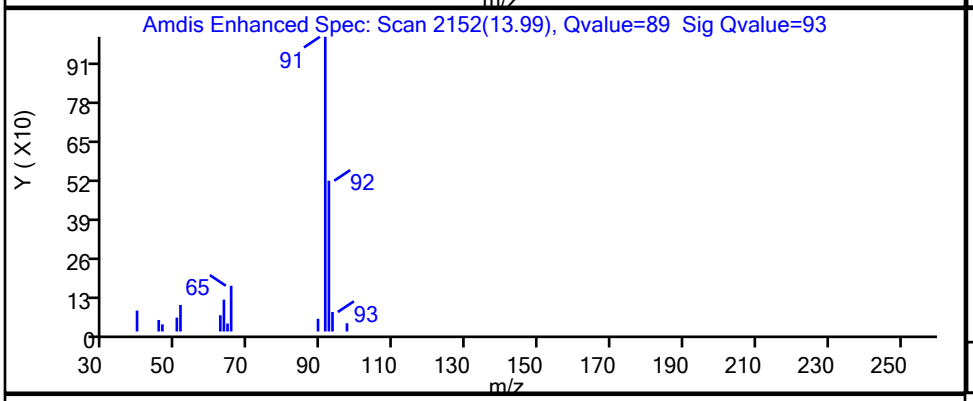
Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D

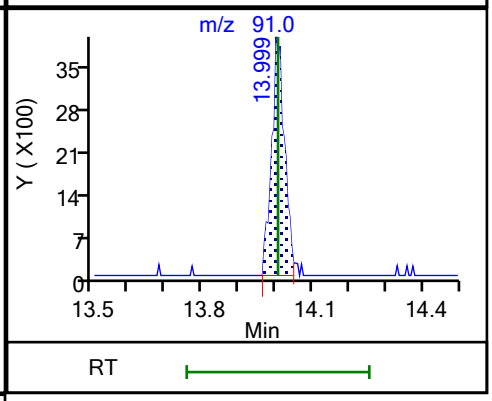
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

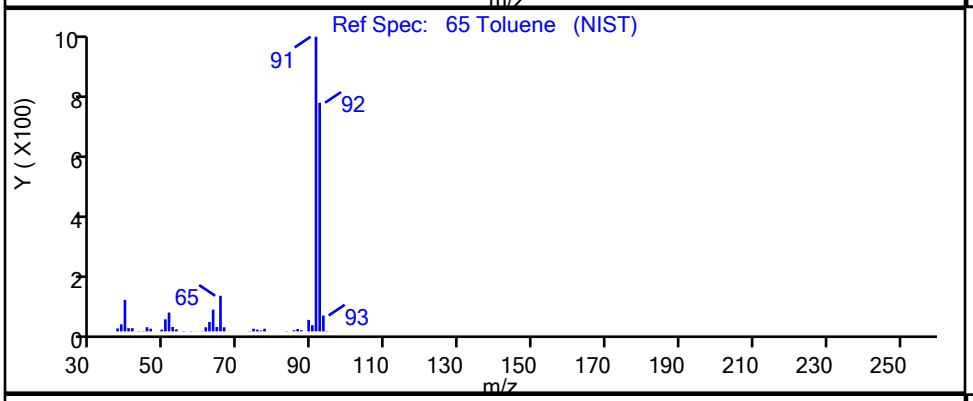
65 Toluene, CAS: 108-88-3

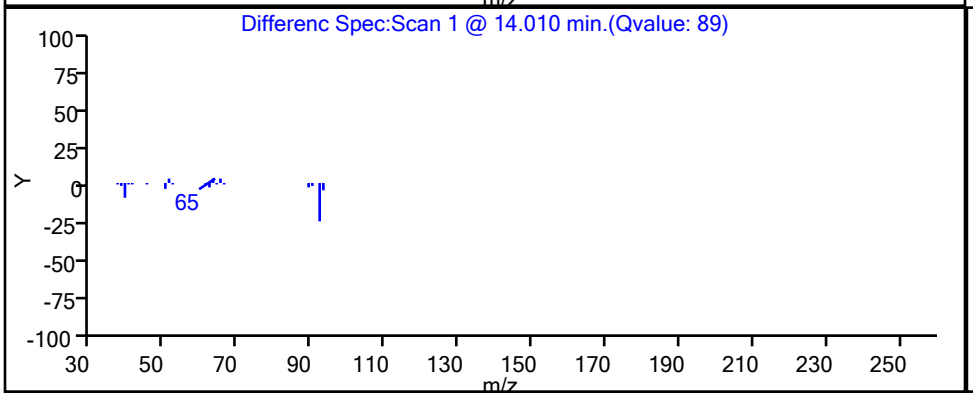


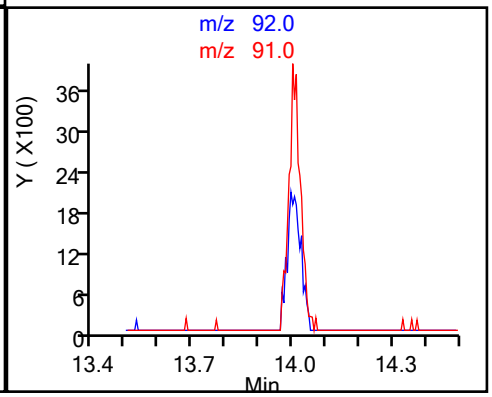












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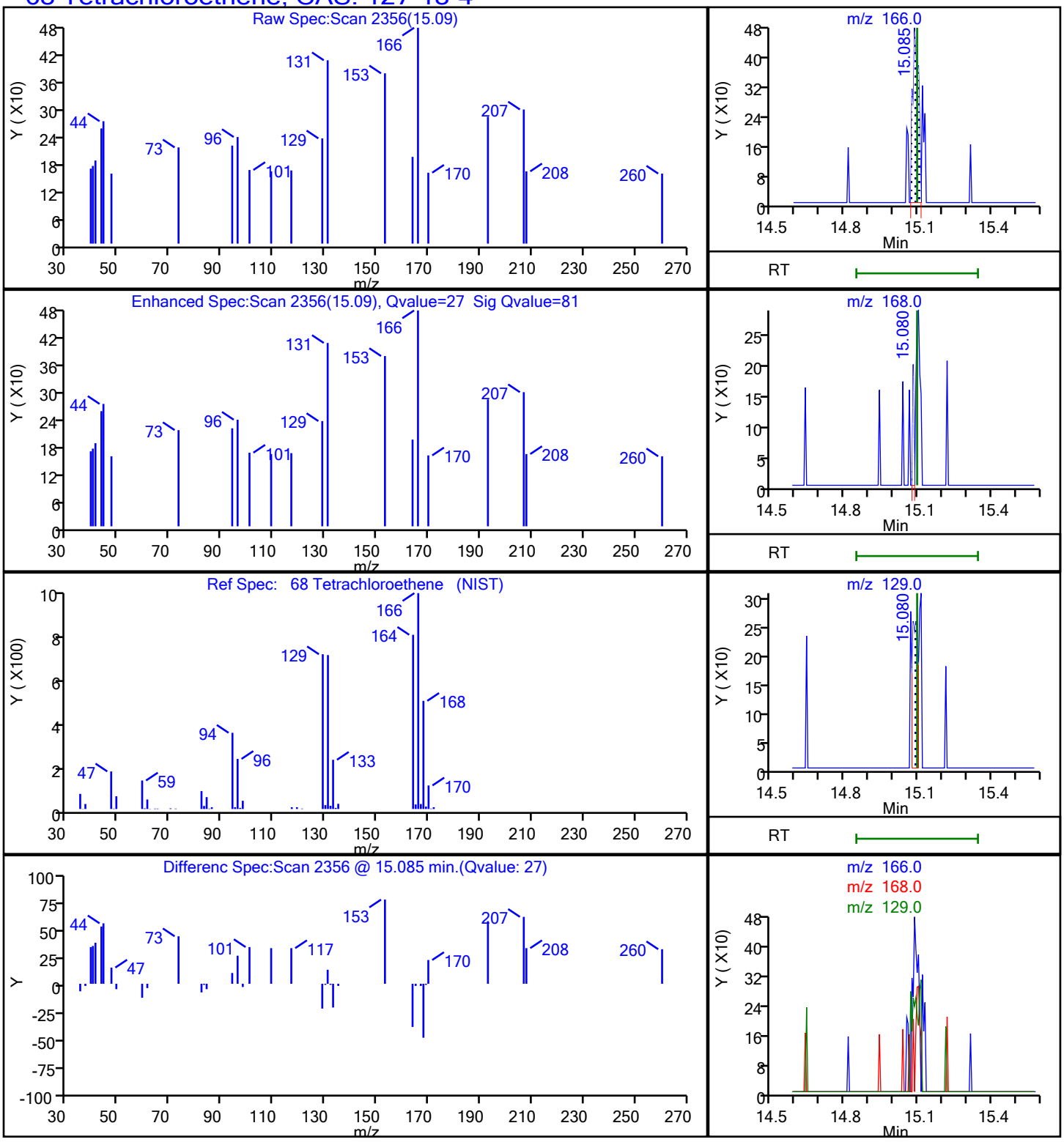
Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4



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Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
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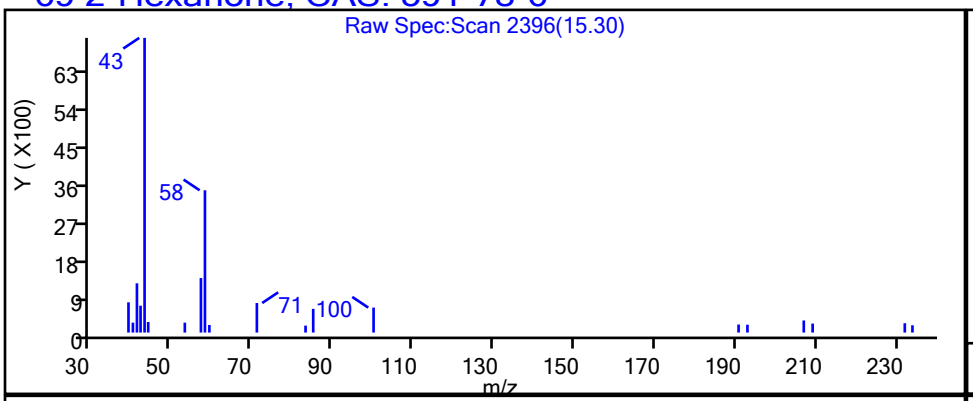
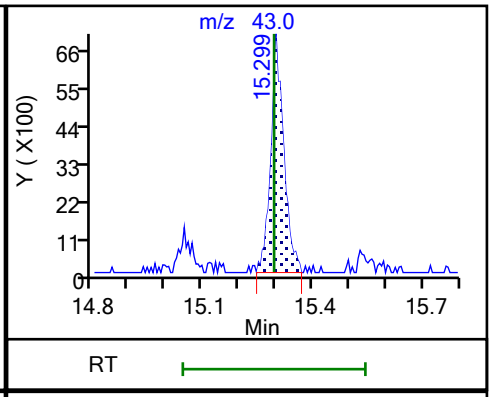
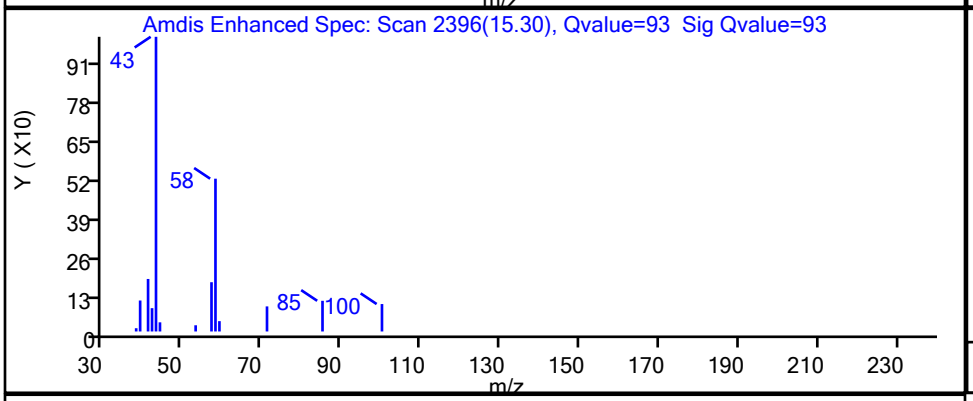
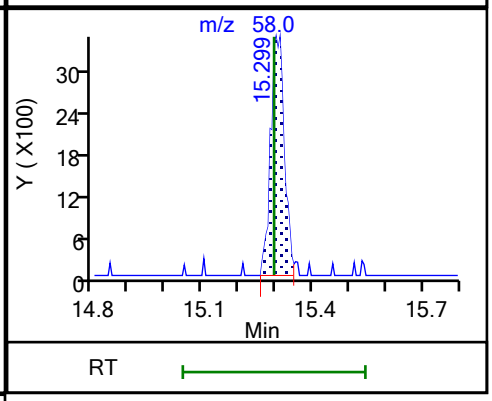
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

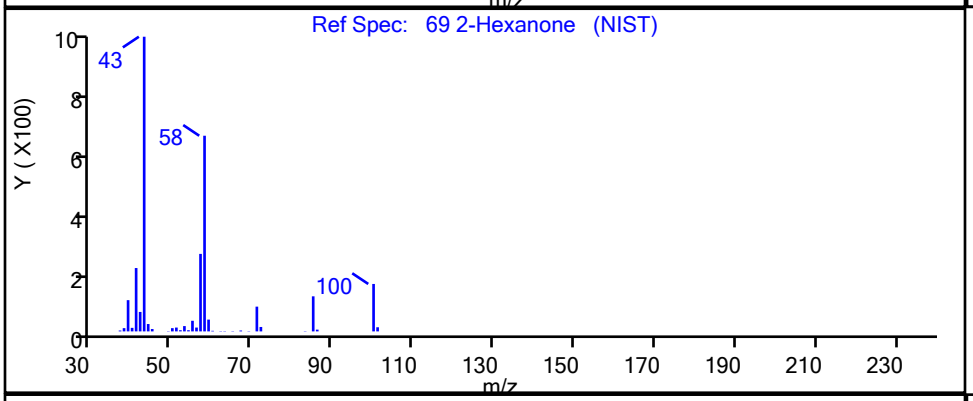
69 2-Hexanone, CAS: 591-78-6

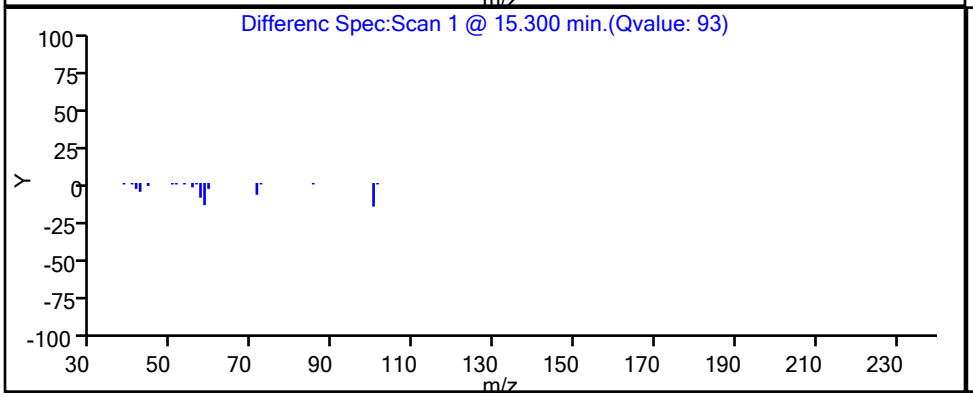


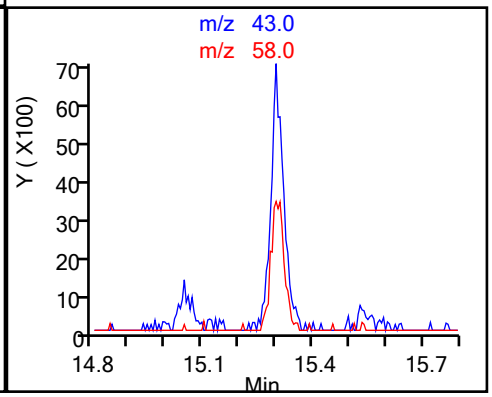












Eurofins TestAmerica, Burlington

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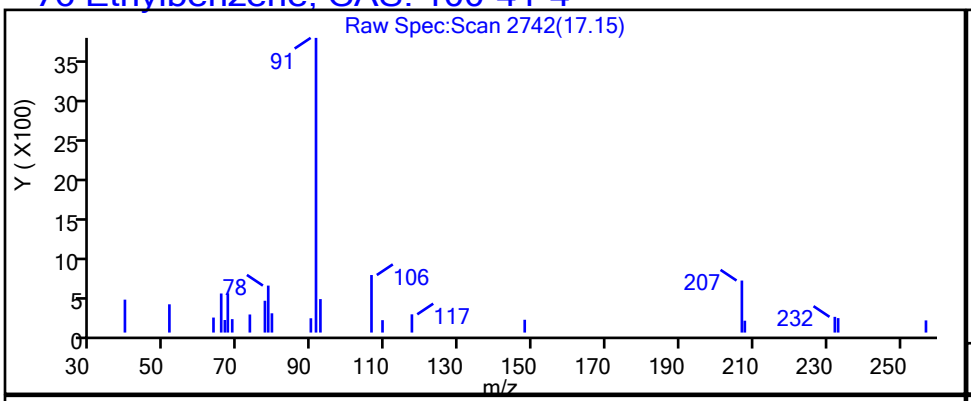
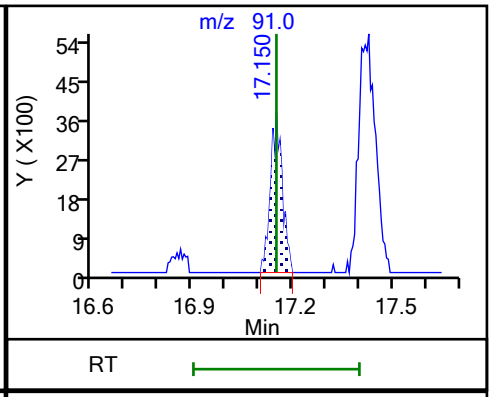
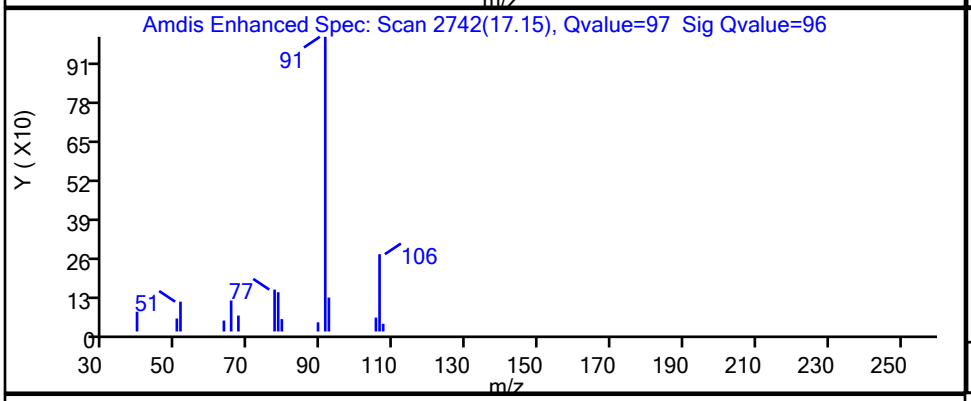
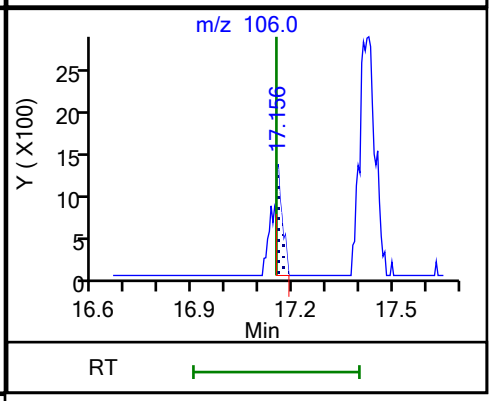
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

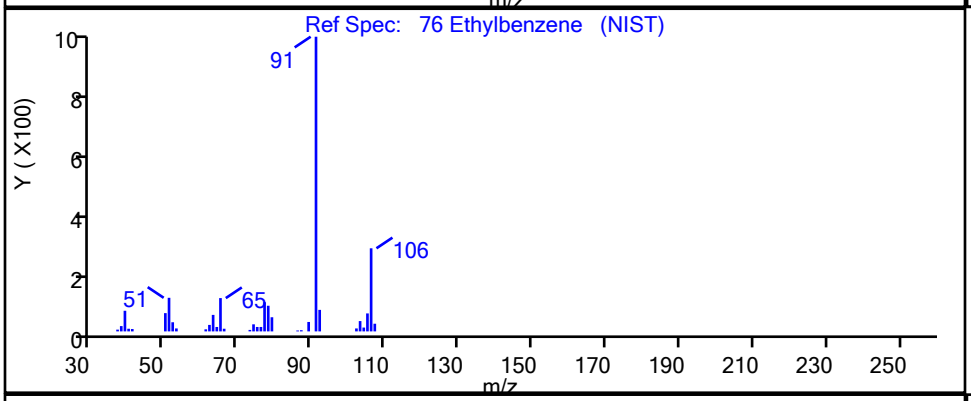
76 Ethylbenzene, CAS: 100-41-4

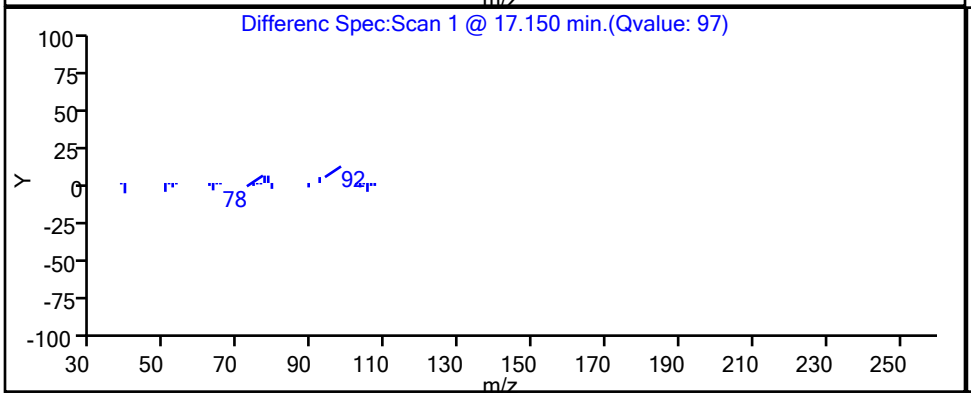


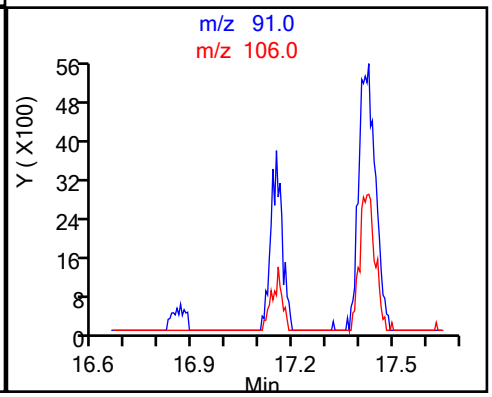








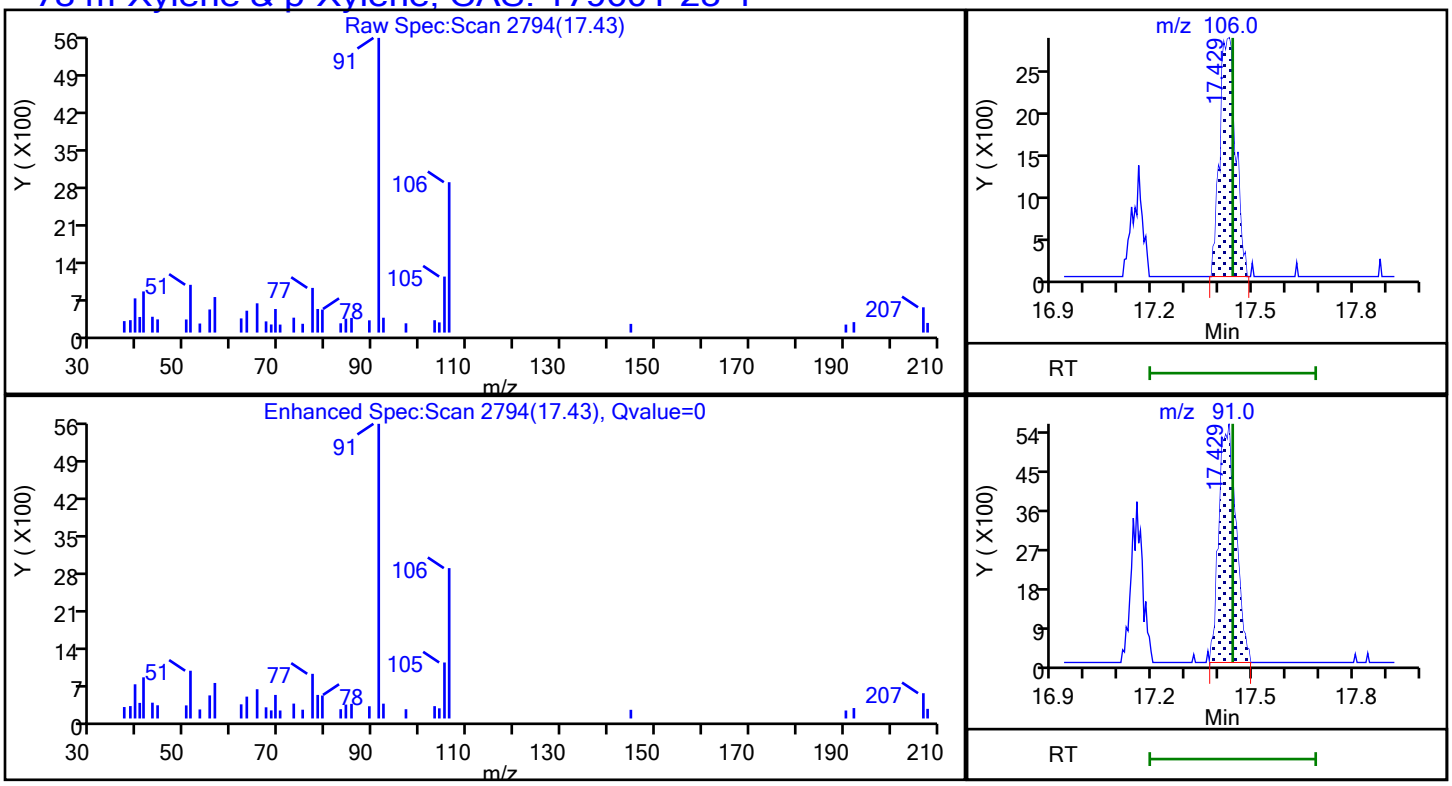


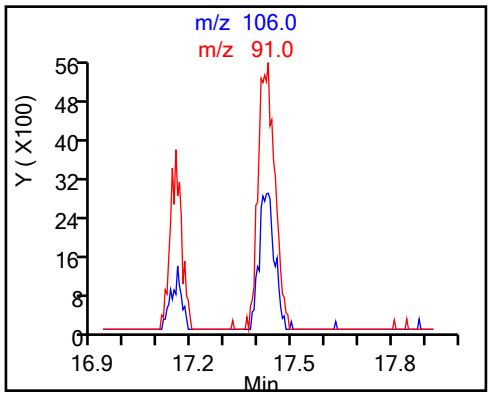


Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 m-Xylene & p-Xylene, CAS: 179601-23-1





Eurofins TestAmerica, Burlington

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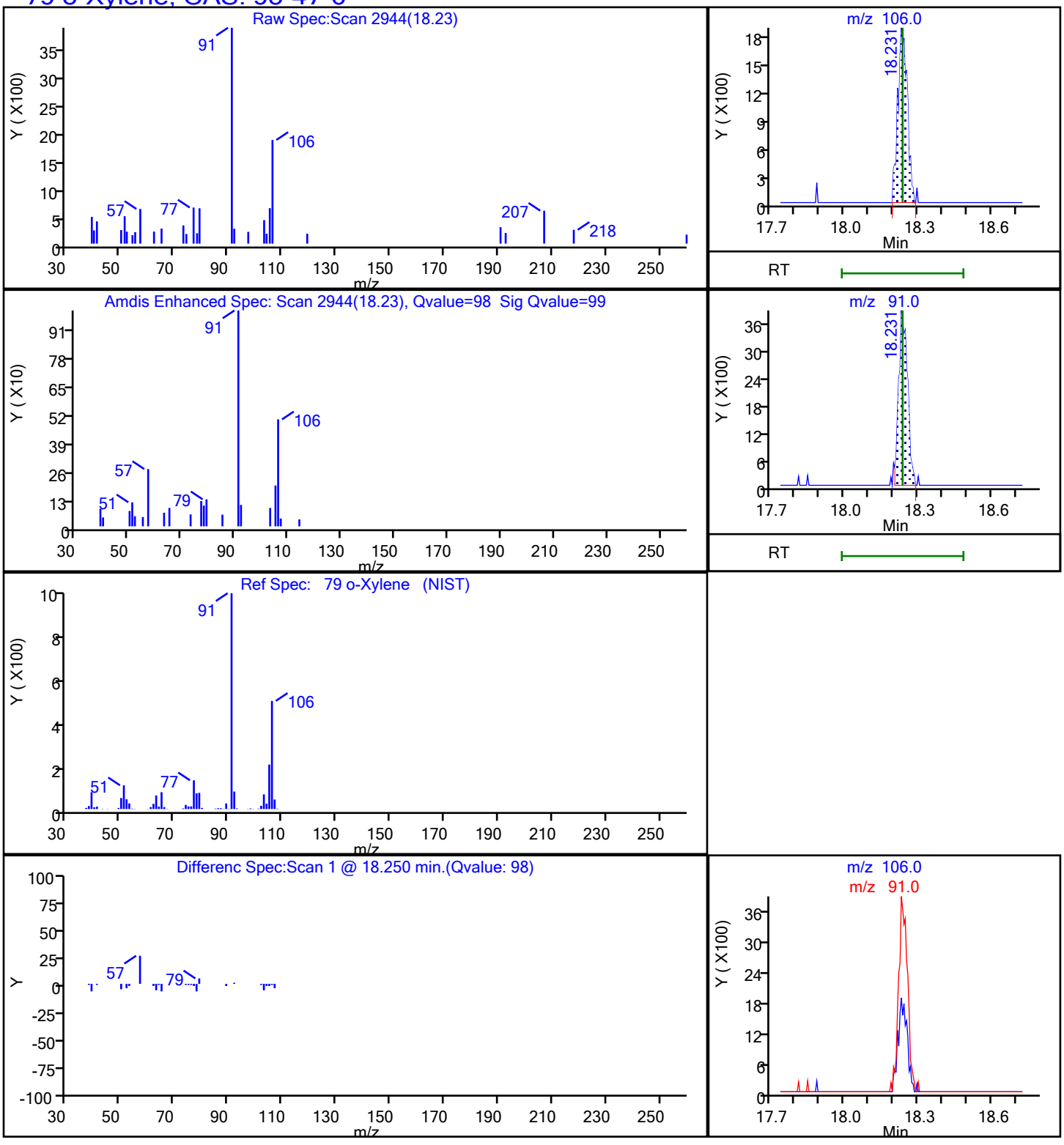
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 o-Xylene, CAS: 95-47-6



Eurofins TestAmerica, Burlington

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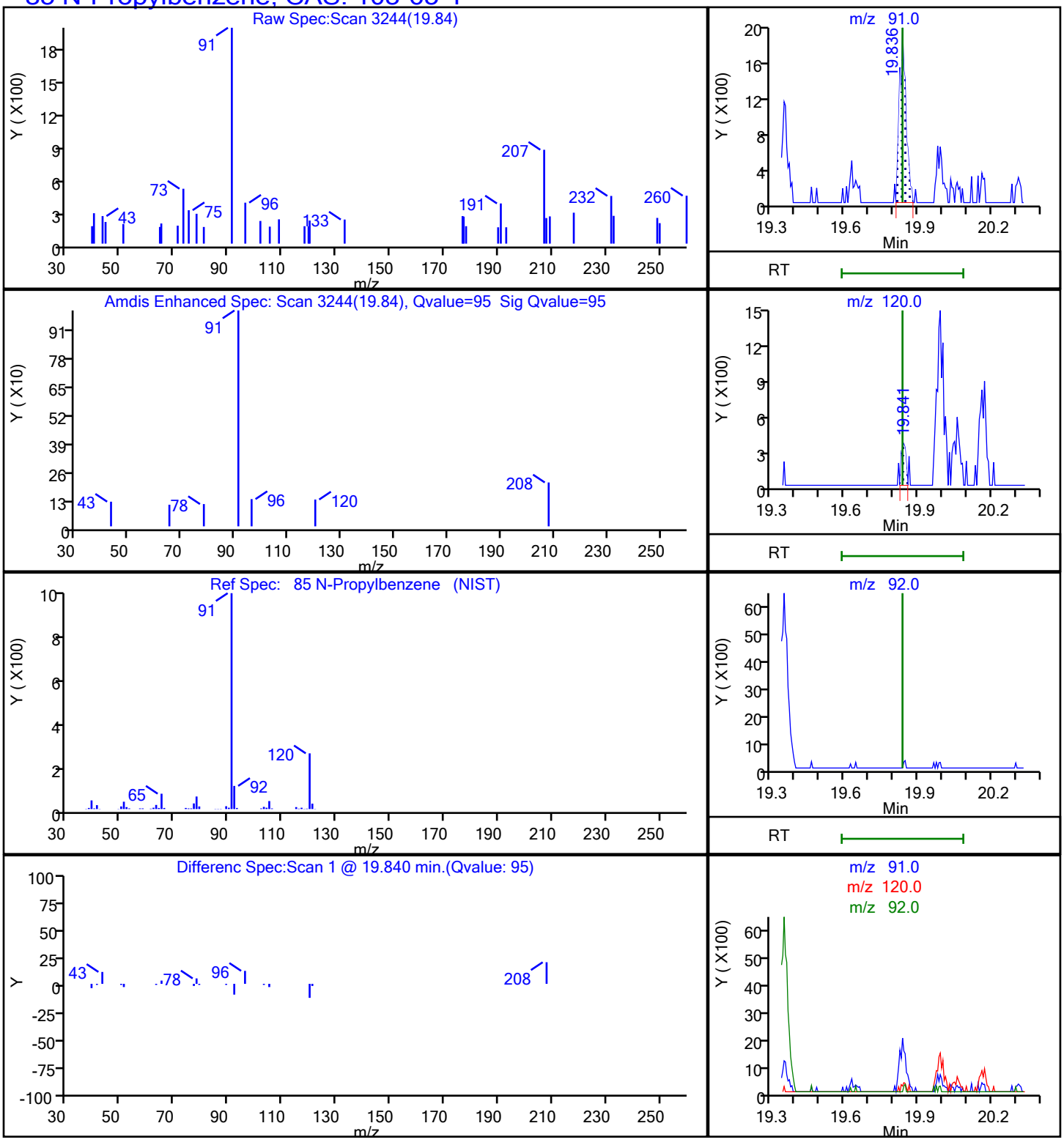
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1



Eurofins TestAmerica, Burlington

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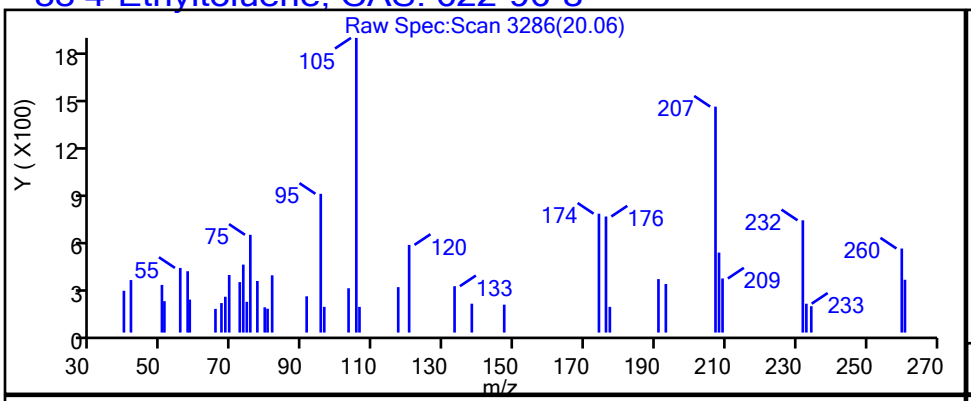
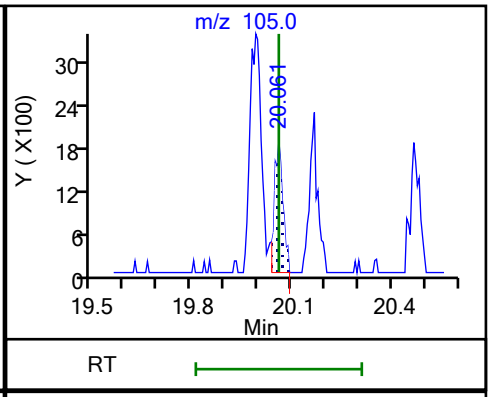
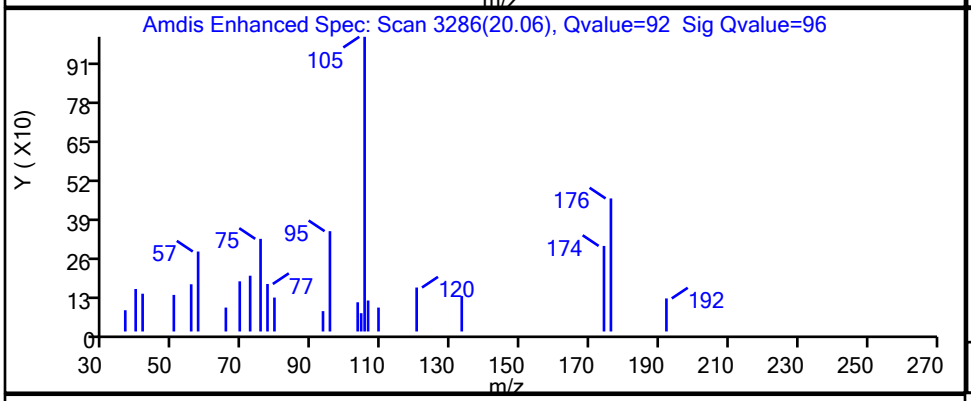
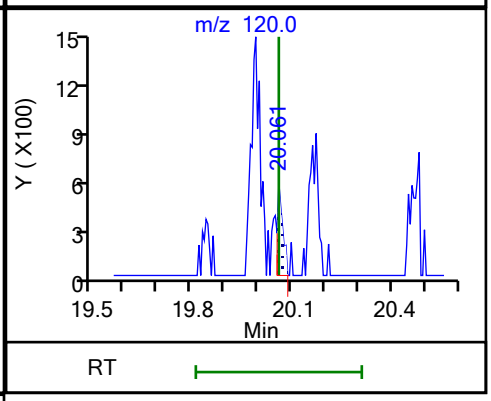
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

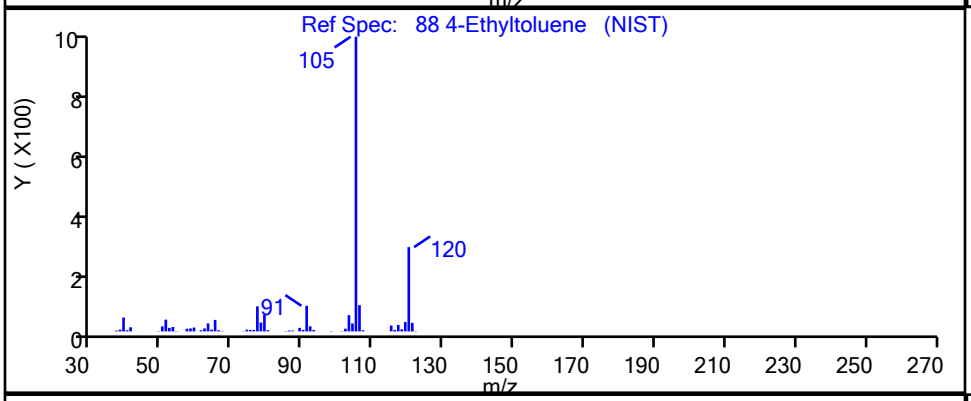
88 4-Ethyltoluene, CAS: 622-96-8

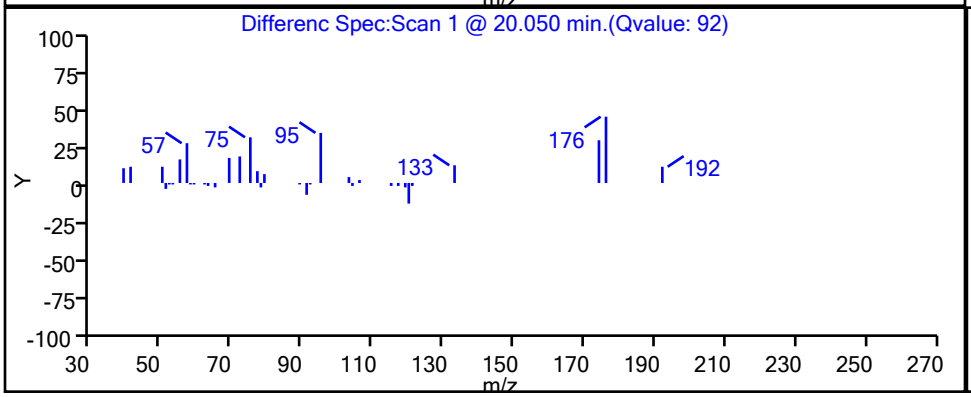


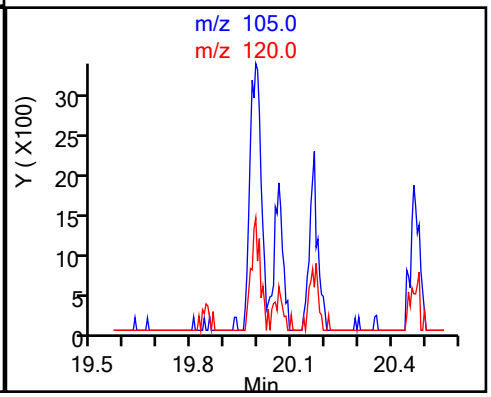








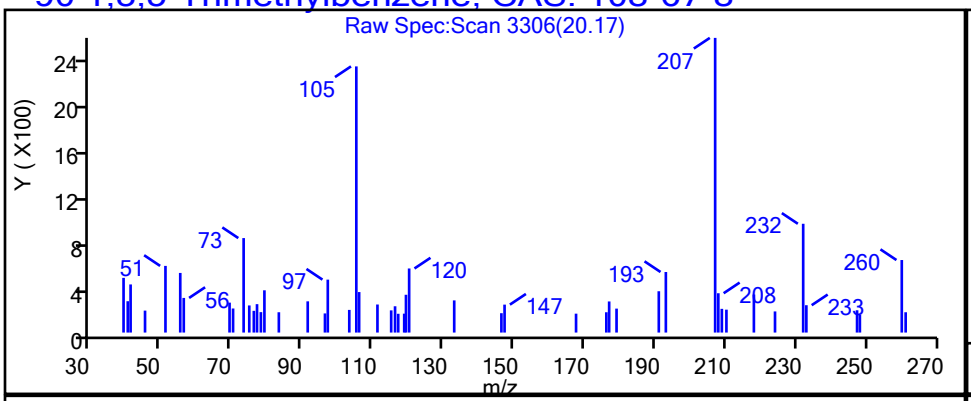


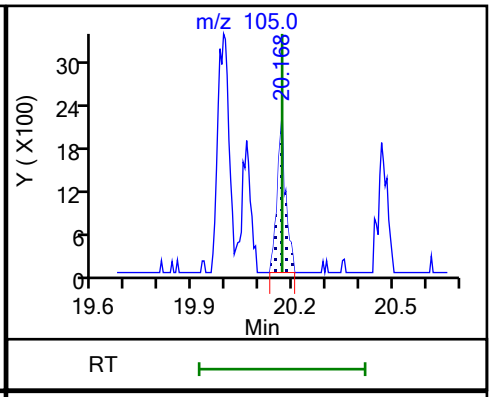


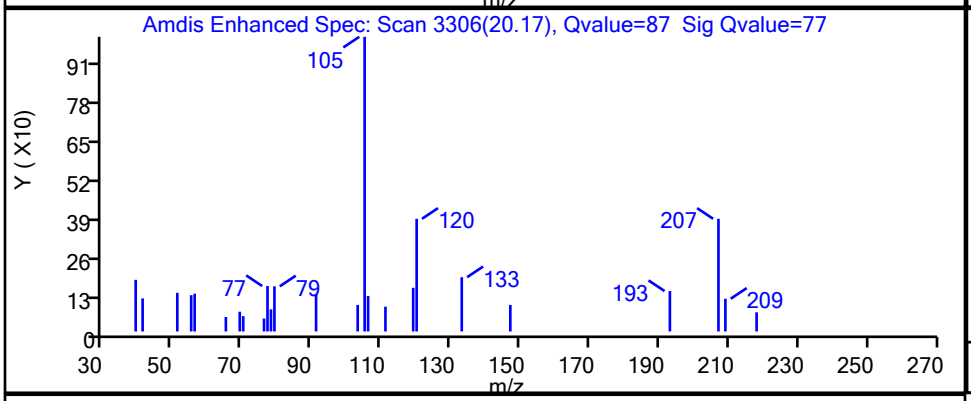
Eurofins TestAmerica, Burlington

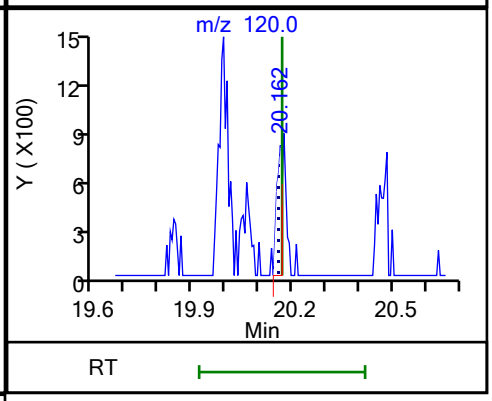
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

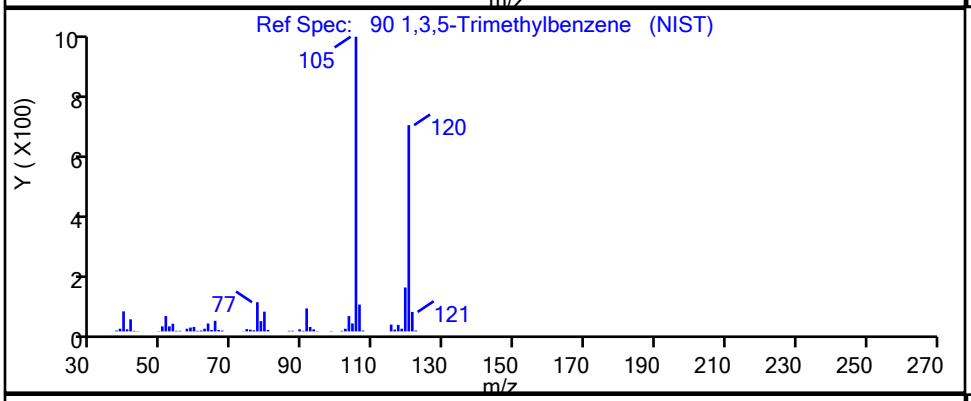
90 1,3,5-Trimethylbenzene, CAS: 108-67-8

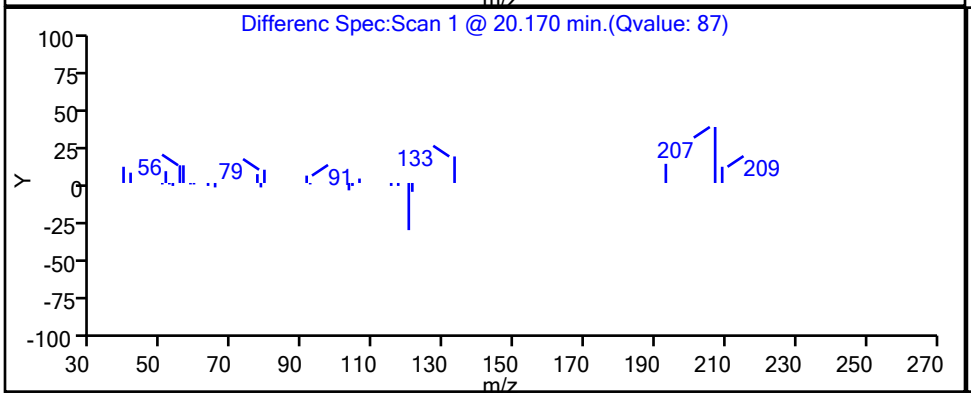


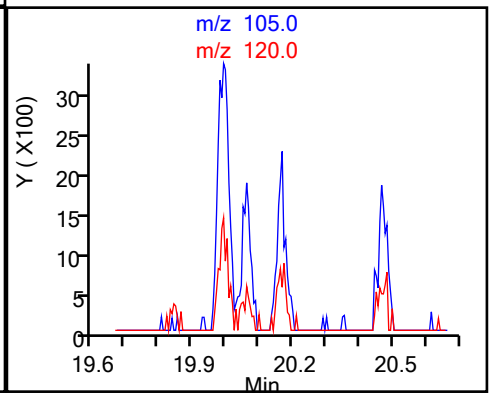








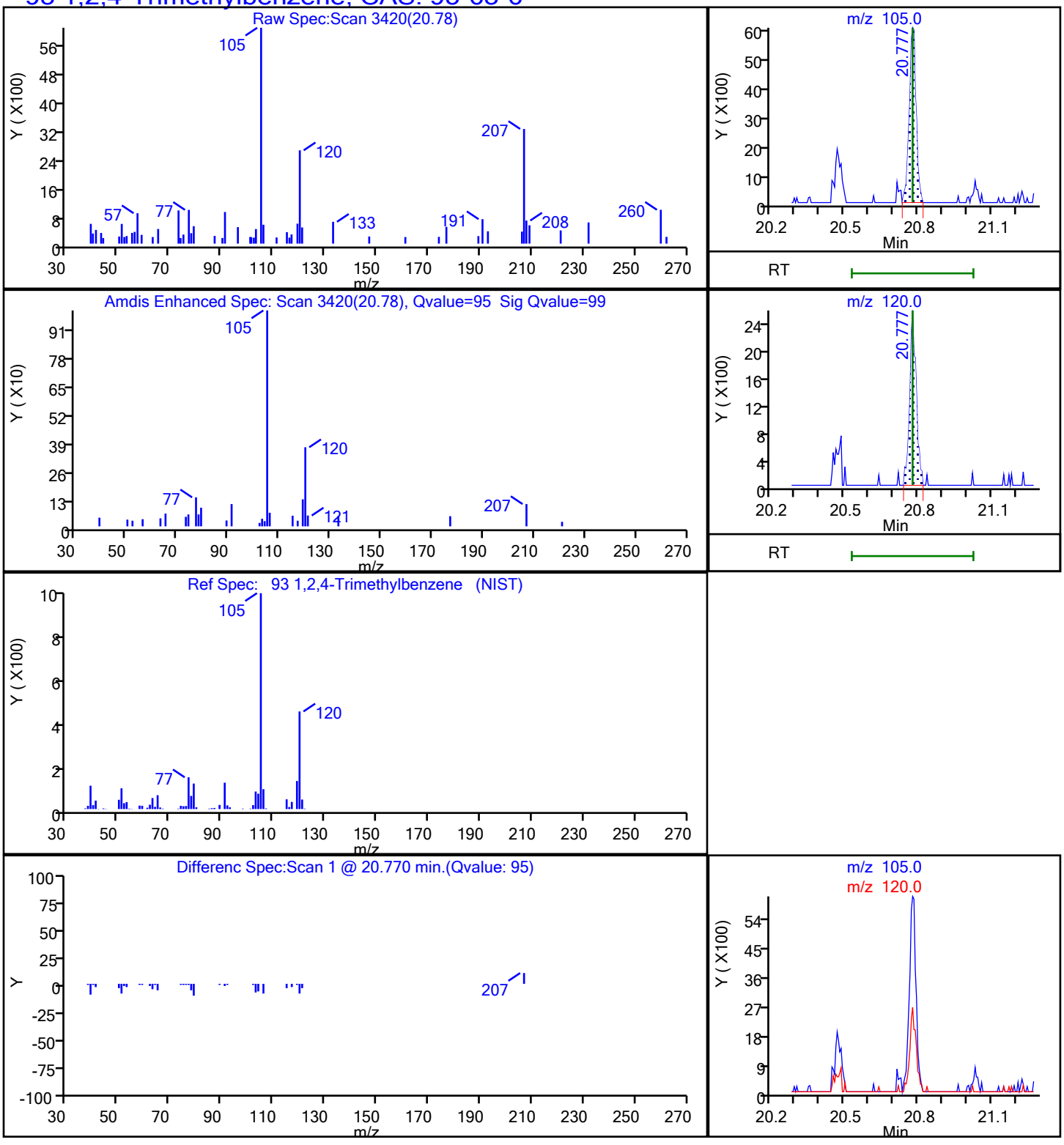




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 1,2,4-Trimethylbenzene, CAS: 95-63-6



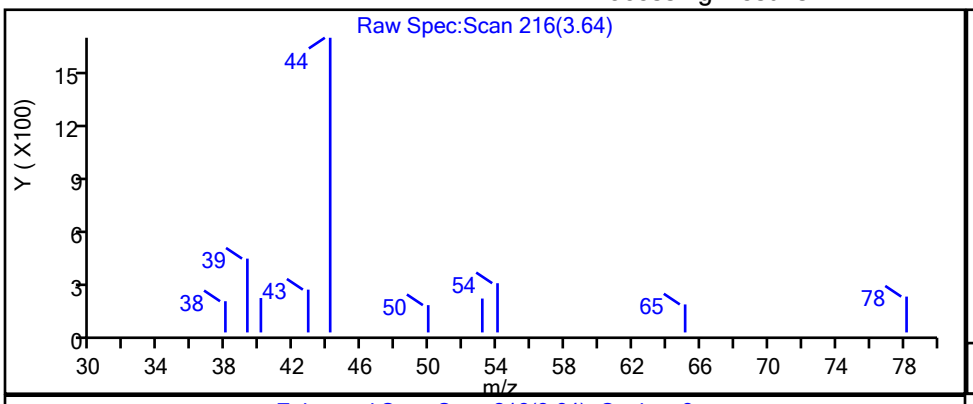
User Disabled Compound Report

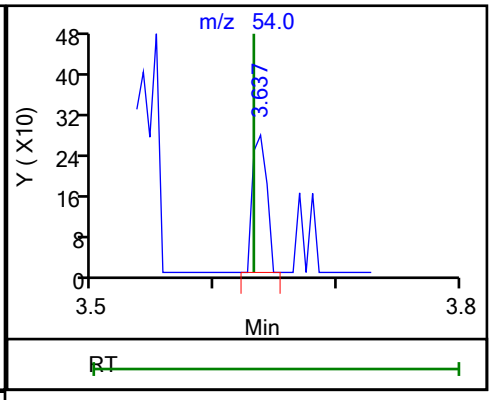
Eurofins TestAmerica, Burlington

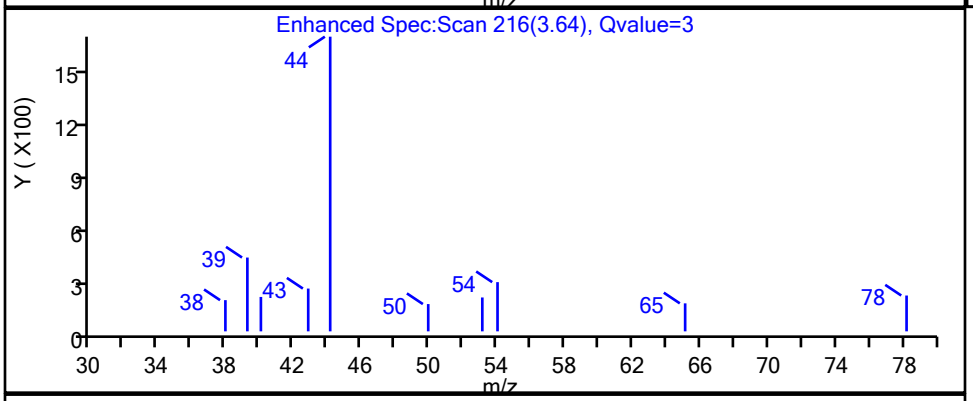
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

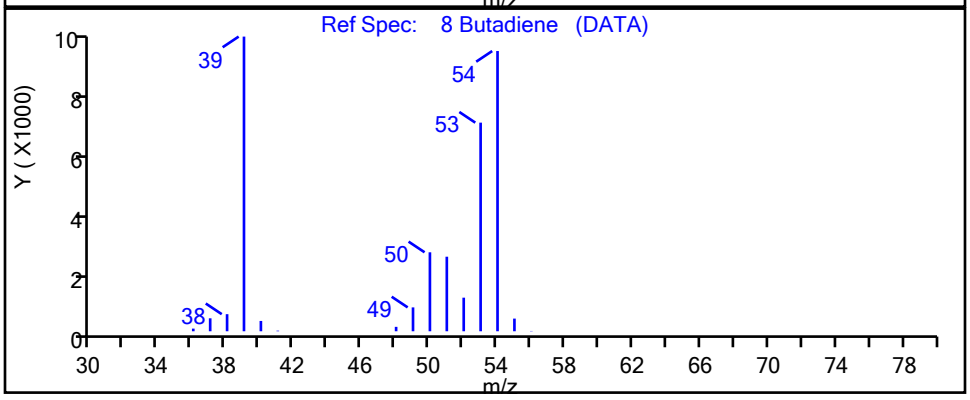
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
3.64	54.00	224	0.043900

Reviewer: bunmaa, 04-May-2021 09:05:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

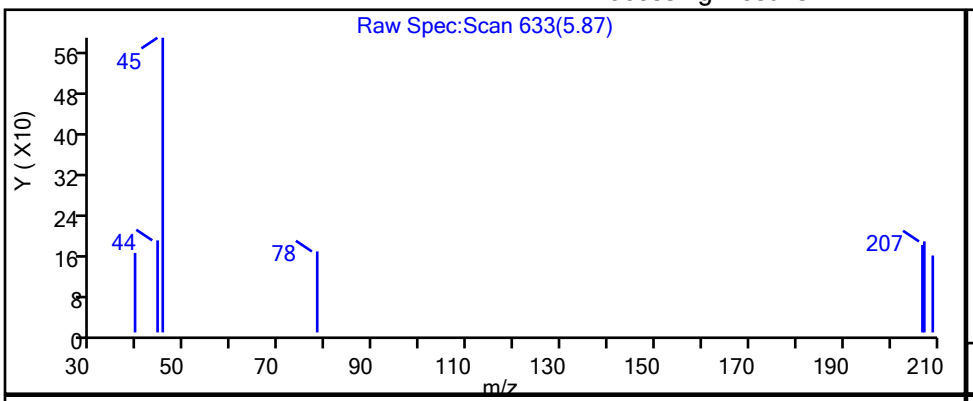
User Disabled Compound Report

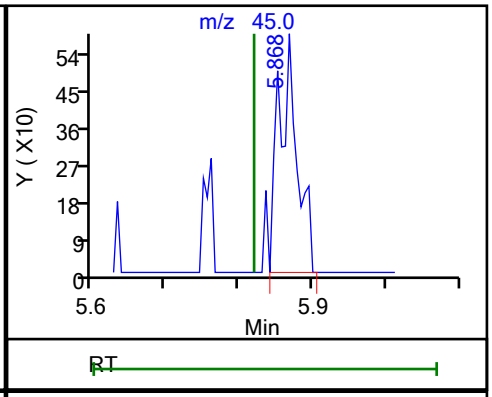
Eurofins TestAmerica, Burlington

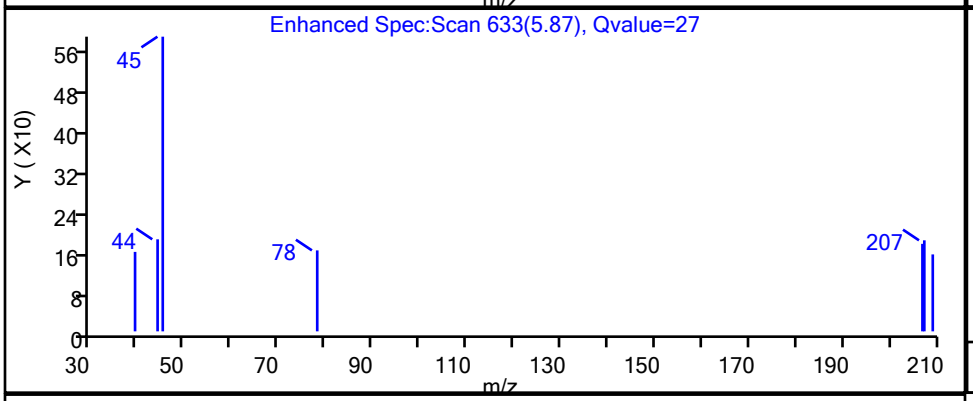
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

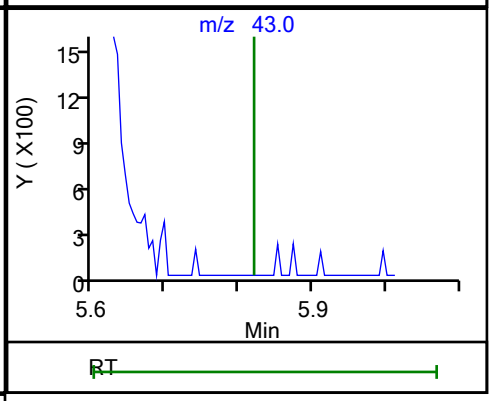
24 Isopropyl alcohol, CAS: 67-63-0

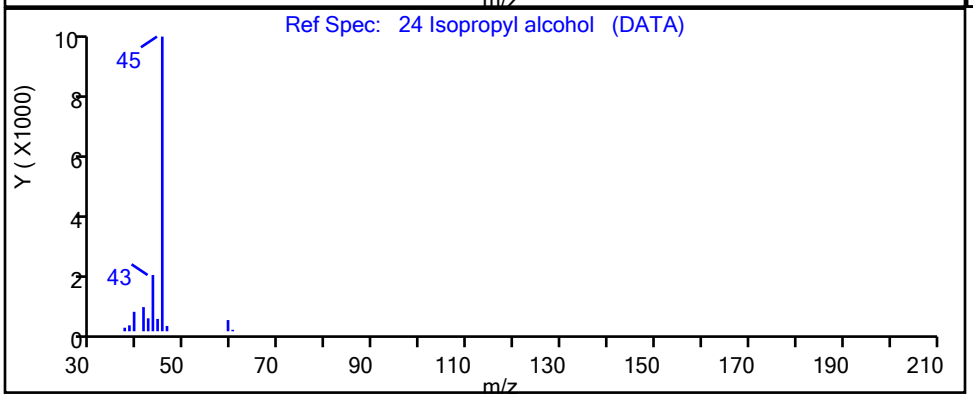
Processing Results











RT	Mass	Response	Amount
5.87	45.00	1018	0.104401
5.82	43.00	0	

Reviewer: bunmaa, 04-May-2021 09:06:04

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

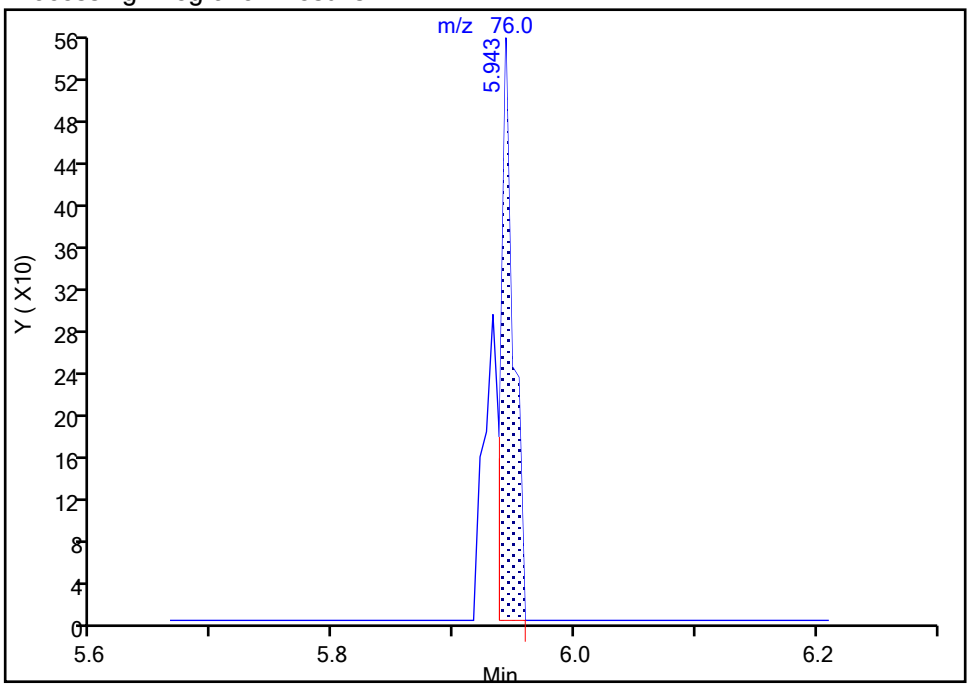
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

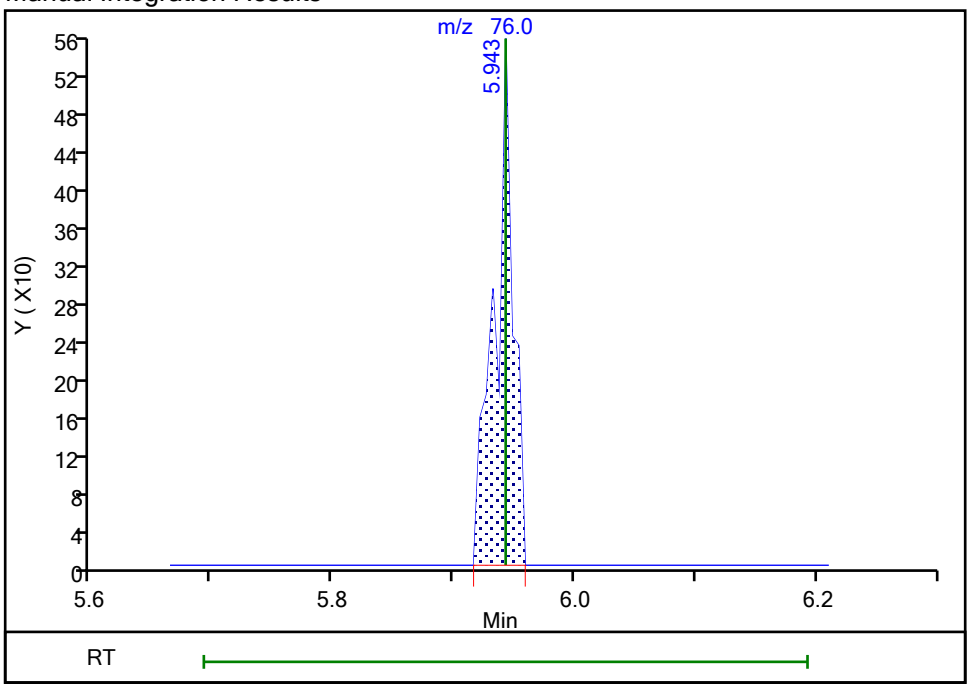
Processing Integration Results

RT: 5.94
Area: 387
Amount: 0.016751
Amount Units: ppb v/v



Manual Integration Results

RT: 5.94
Area: 588
Amount: 0.025451
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:06:16

Audit Action: Manually Integrated Audit Reason: Assign Peak

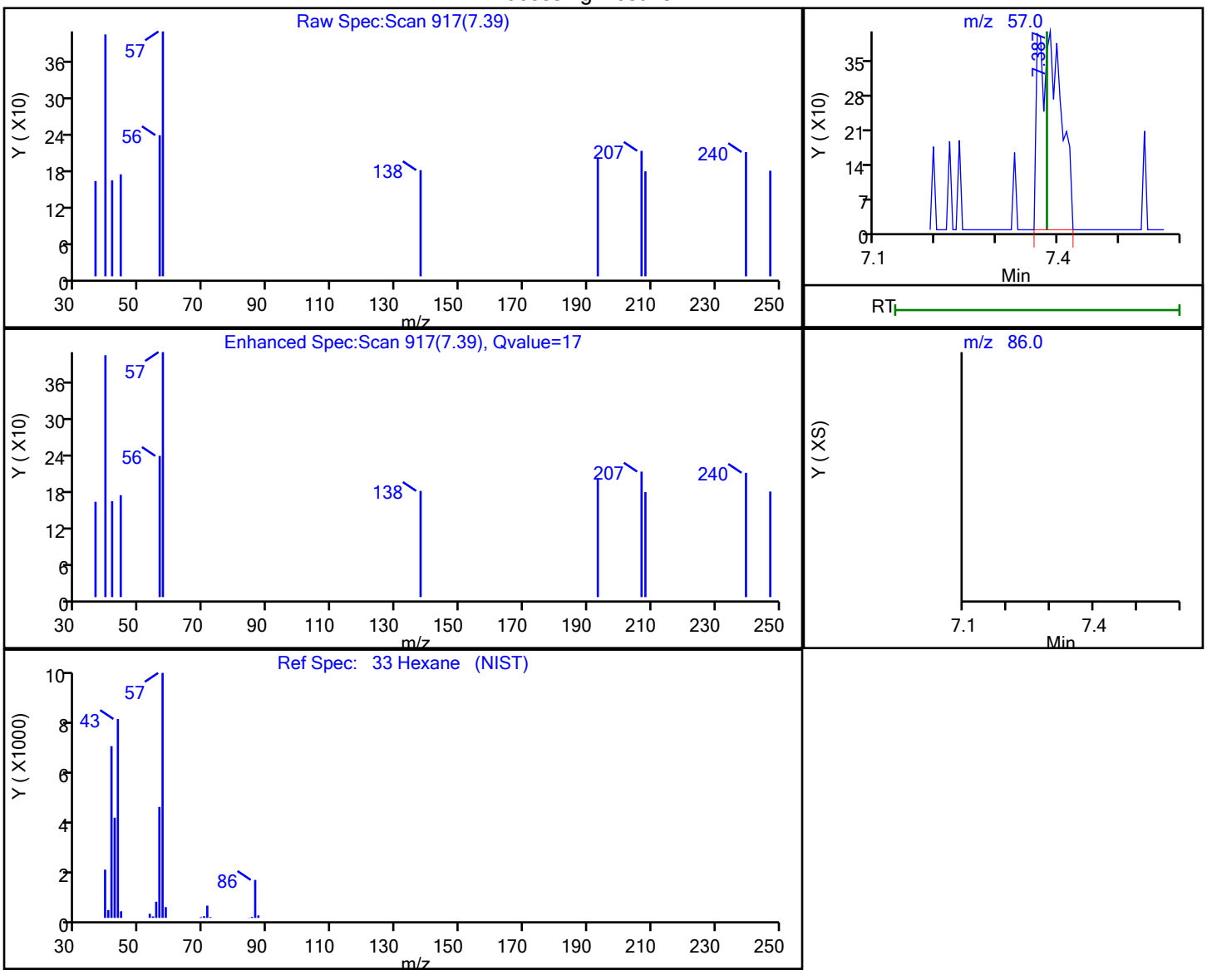
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
7.39	57.00	1053	0.114434
7.38	86.00	0	

Reviewer: bunmaa, 04-May-2021 09:06:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

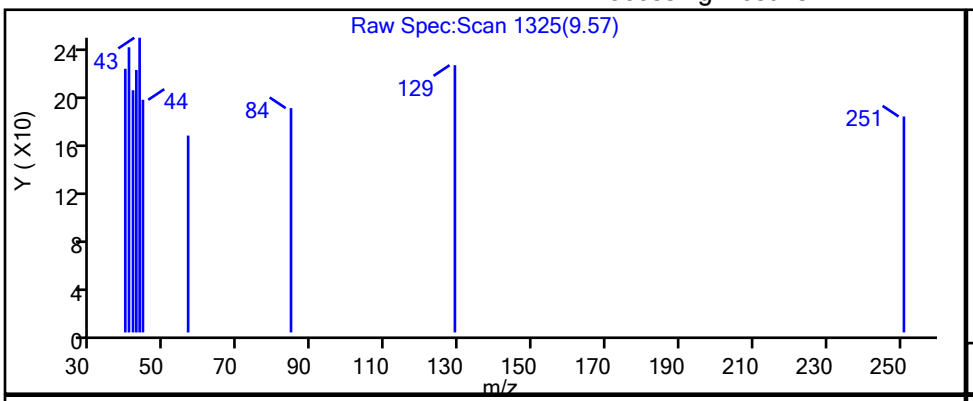
User Disabled Compound Report

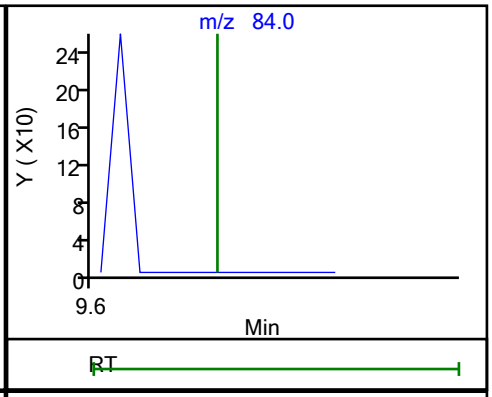
Eurofins TestAmerica, Burlington

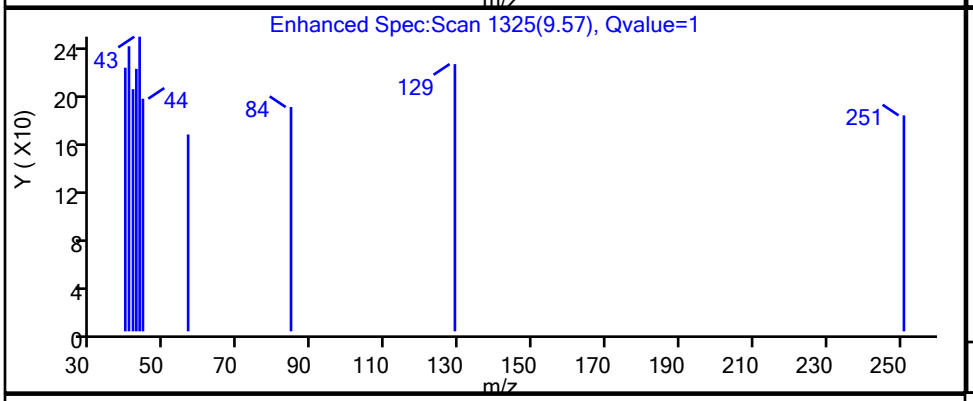
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

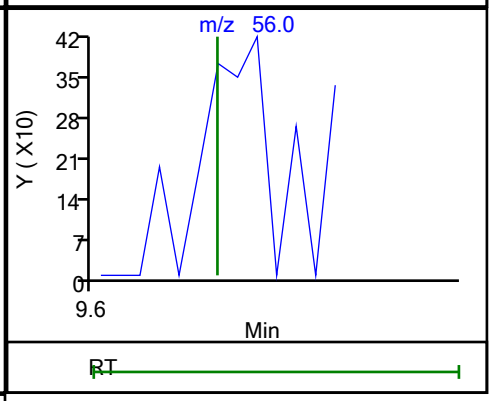
43 Cyclohexane, CAS: 110-82-7

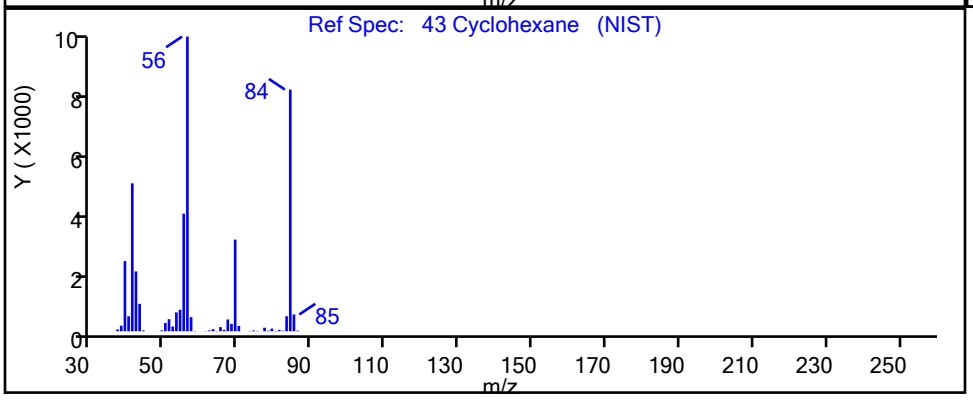
Processing Results











RT	Mass	Response	Amount
9.57	84.00	60	0.005249
9.56	56.00	109	

Reviewer: bunmaa, 04-May-2021 09:06:43

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

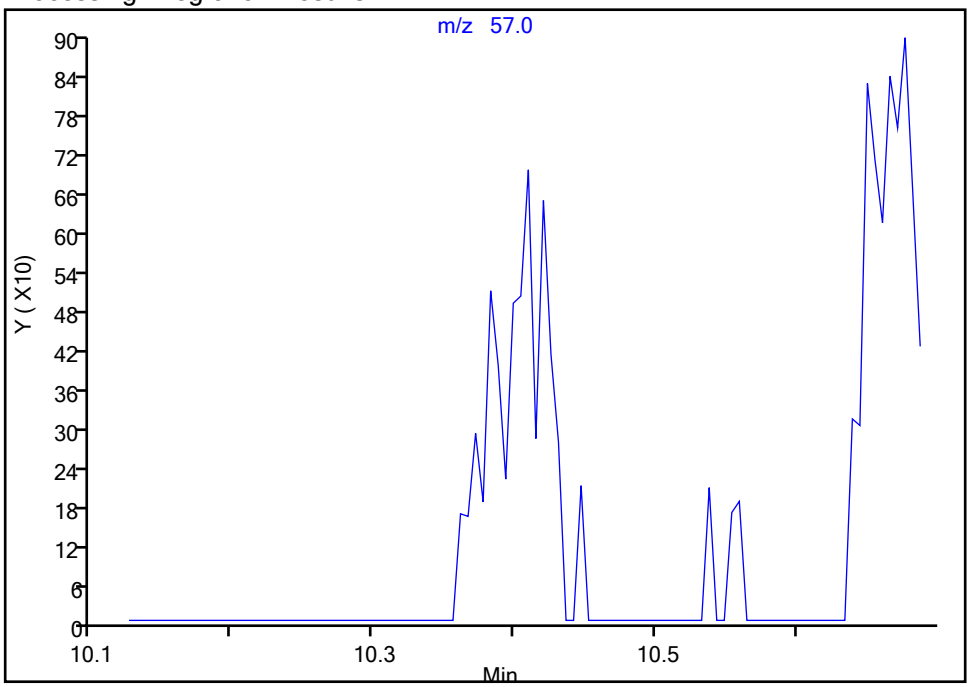
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Isooctane, CAS: 540-84-1

Signal: 1

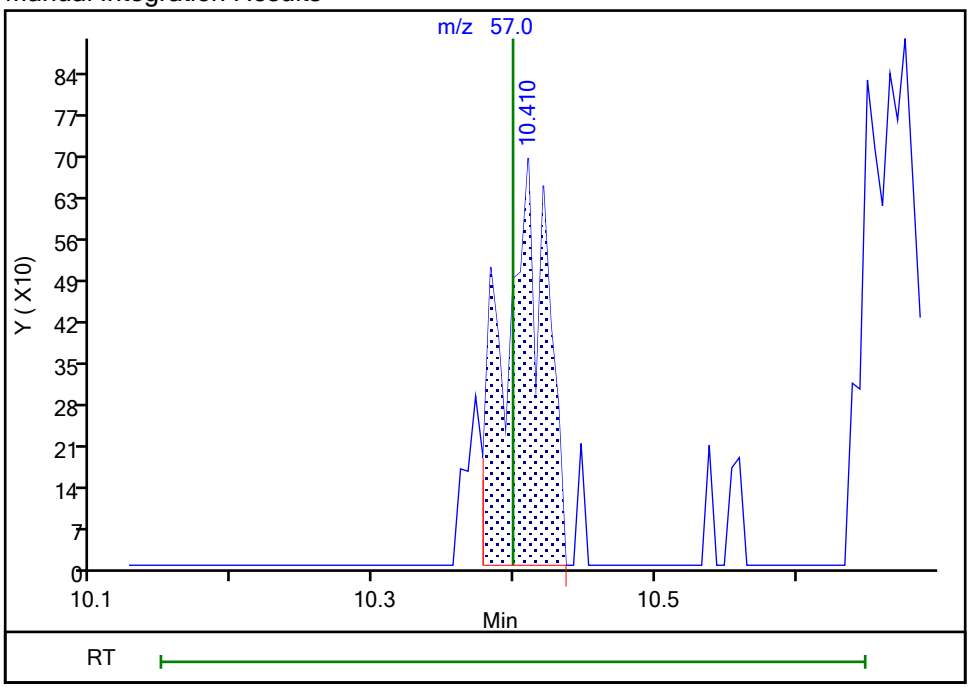
Not Detected
Expected RT: 10.40

Processing Integration Results



Manual Integration Results

RT: 10.41
Area: 1464
Amount: 0.030247
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:07:26
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

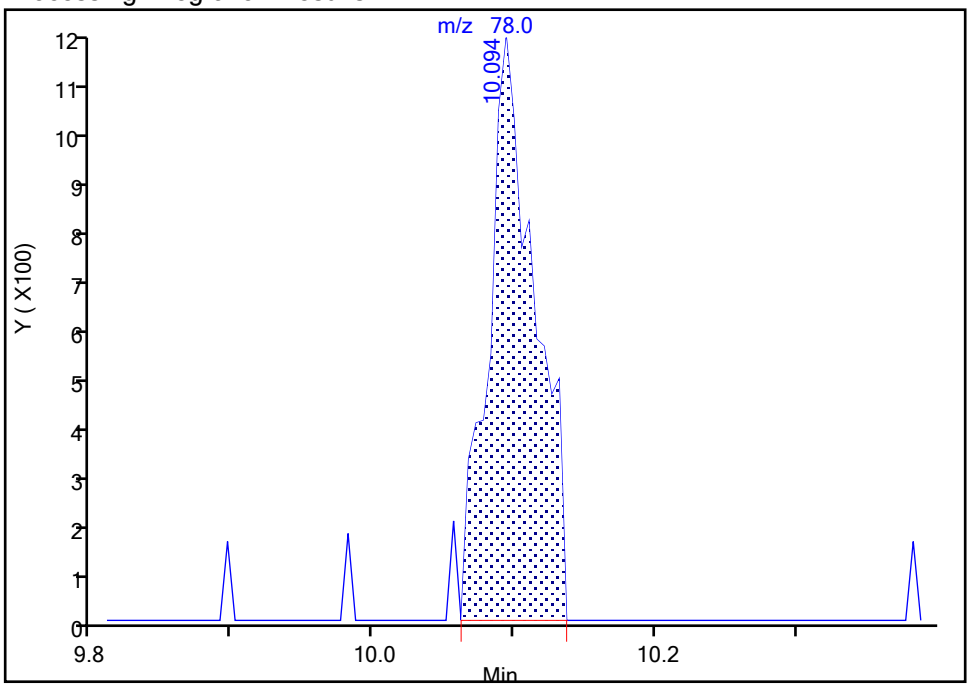
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2

Signal: 1

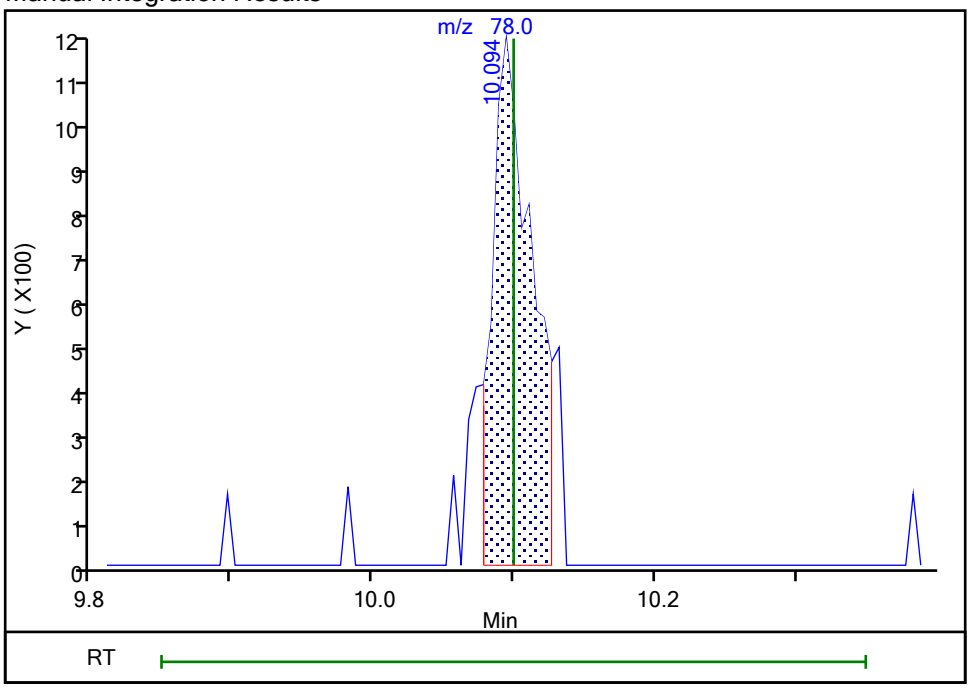
Processing Integration Results

RT: 10.09
Area: 2690
Amount: 0.089835
Amount Units: ppb v/v



Manual Integration Results

RT: 10.09
Area: 2307
Amount: 0.077044
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:06:59

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

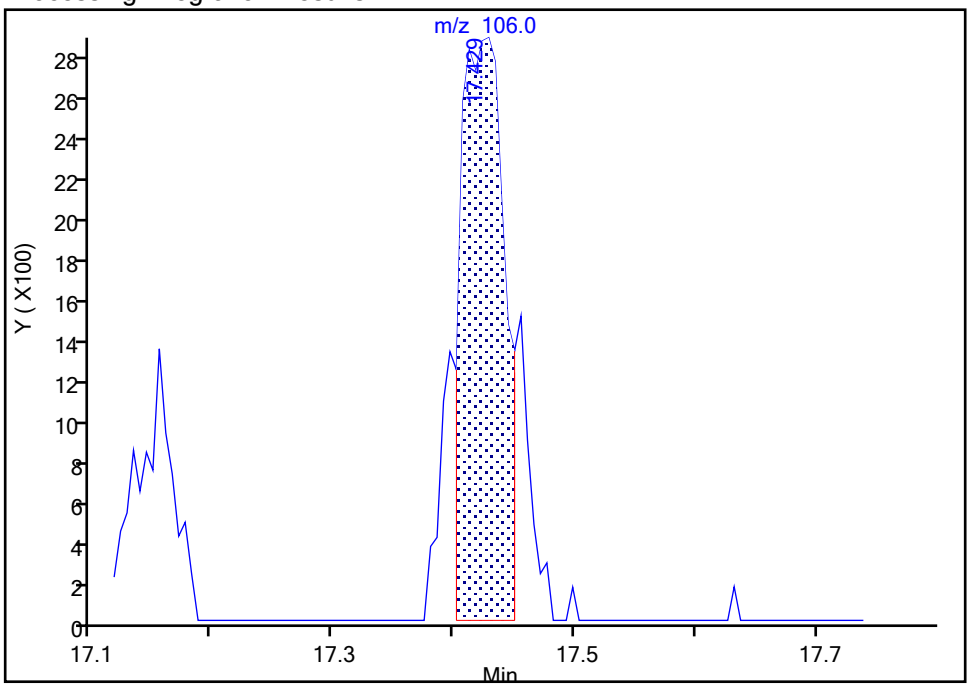
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

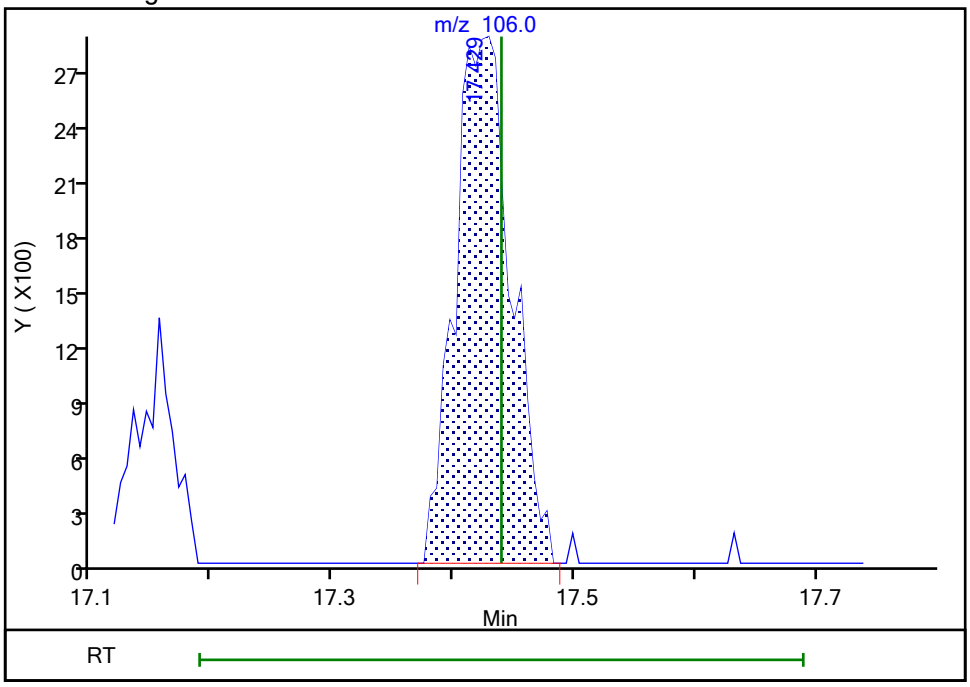
Processing Integration Results

RT: 17.43
Area: 7157
Amount: 0.364724
Amount Units: ppb v/v



Manual Integration Results

RT: 17.43
Area: 9228
Amount: 0.470262
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:08:36

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

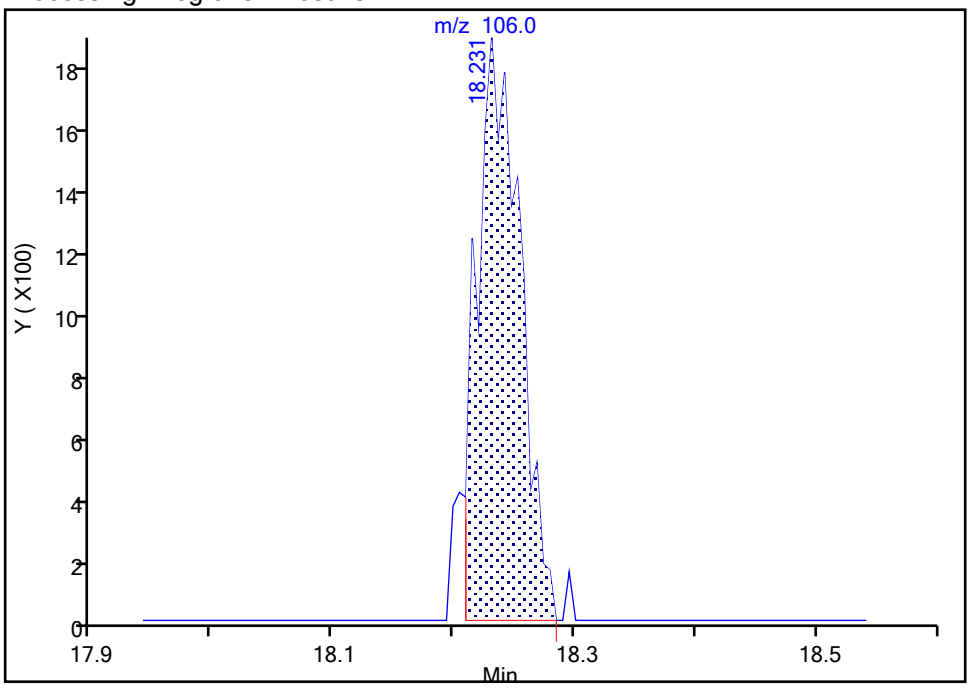
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 o-Xylene, CAS: 95-47-6

Signal: 1

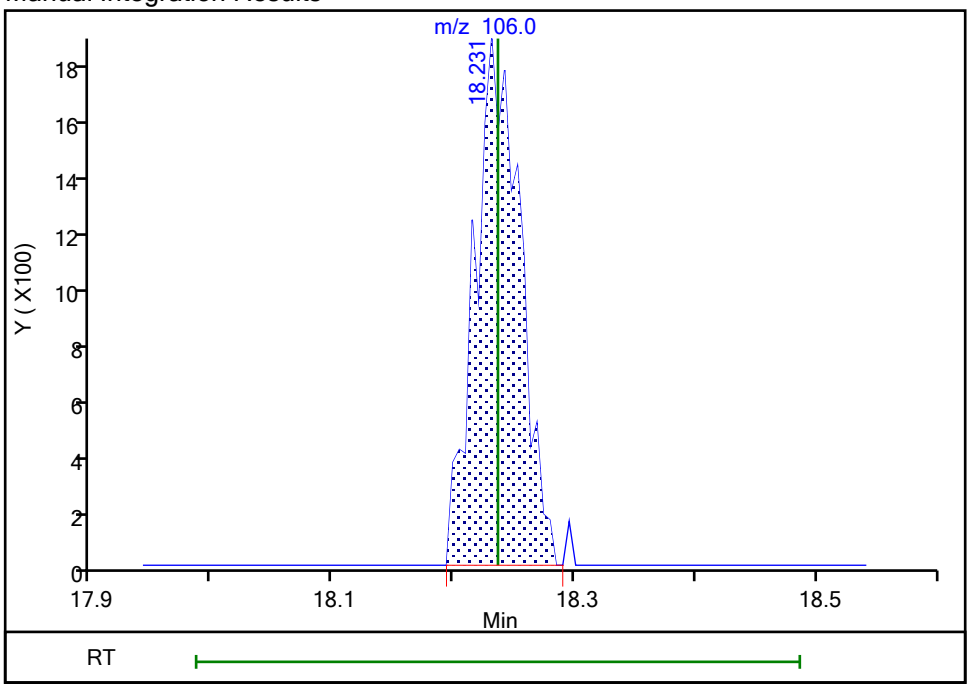
Processing Integration Results

RT: 18.23
Area: 4573
Amount: 0.218206
Amount Units: ppb v/v



Manual Integration Results

RT: 18.23
Area: 4820
Amount: 0.229992
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:08:50

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

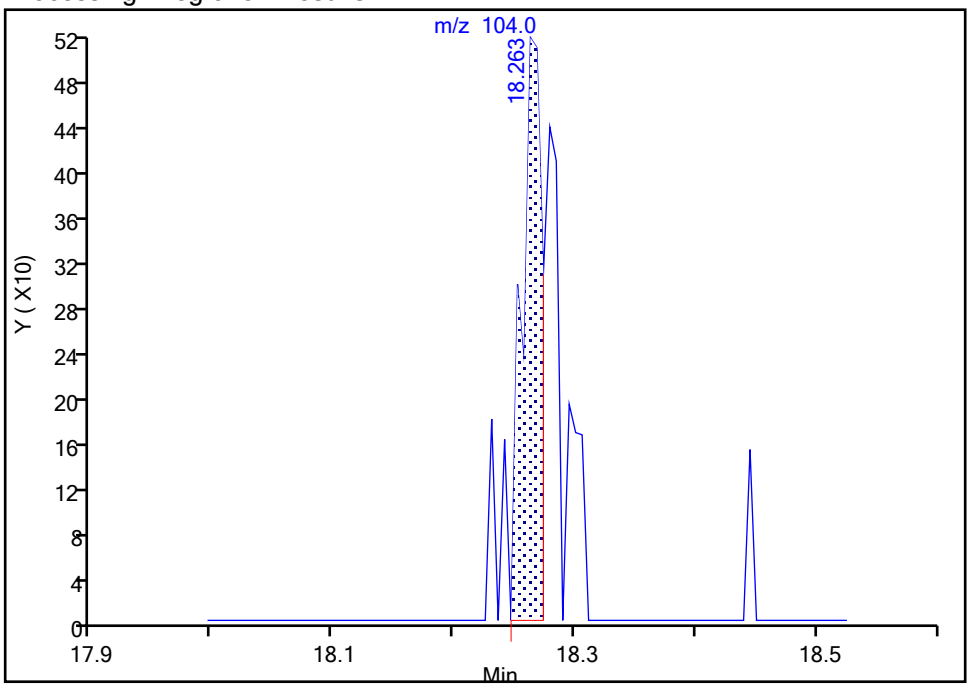
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

80 Styrene, CAS: 100-42-5

Signal: 1

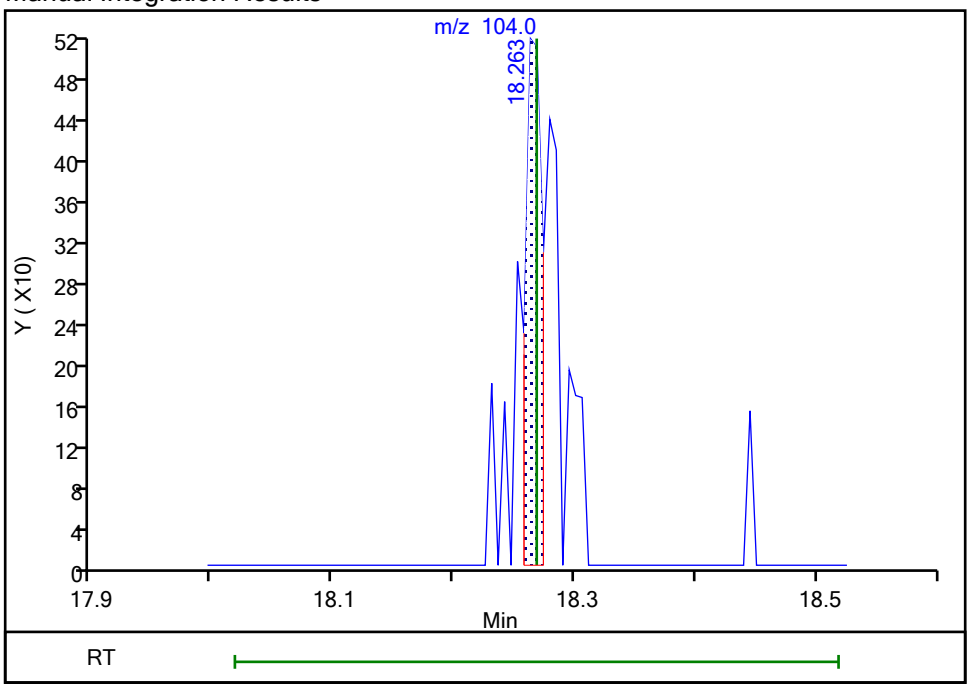
Processing Integration Results

RT: 18.26
Area: 594
Amount: 0.020702
Amount Units: ppb v/v



Manual Integration Results

RT: 18.26
Area: 499
Amount: 0.017391
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:09:22

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

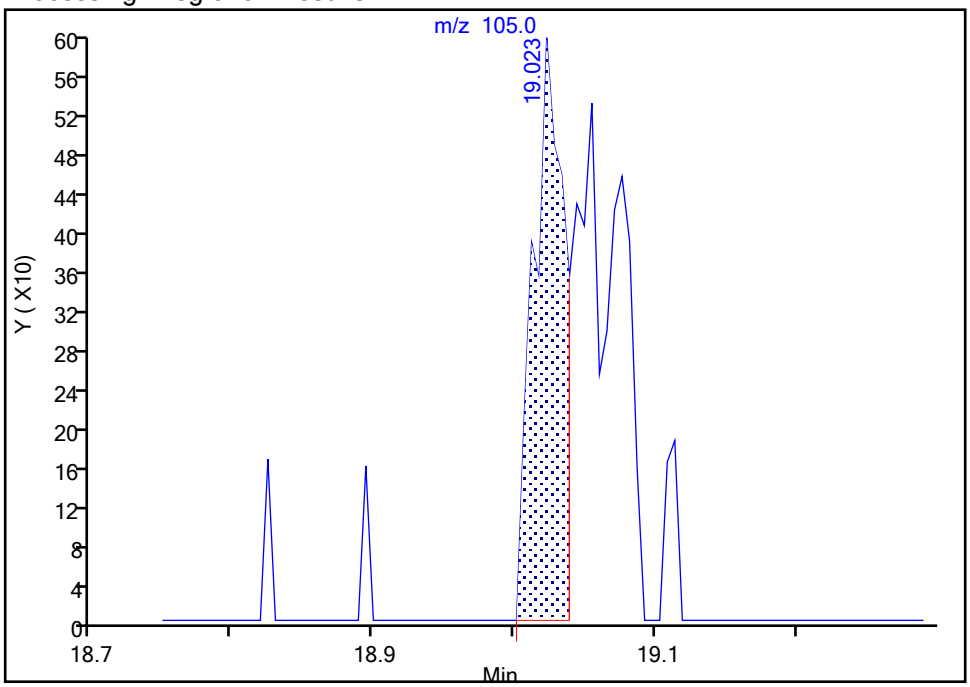
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Signal: 1

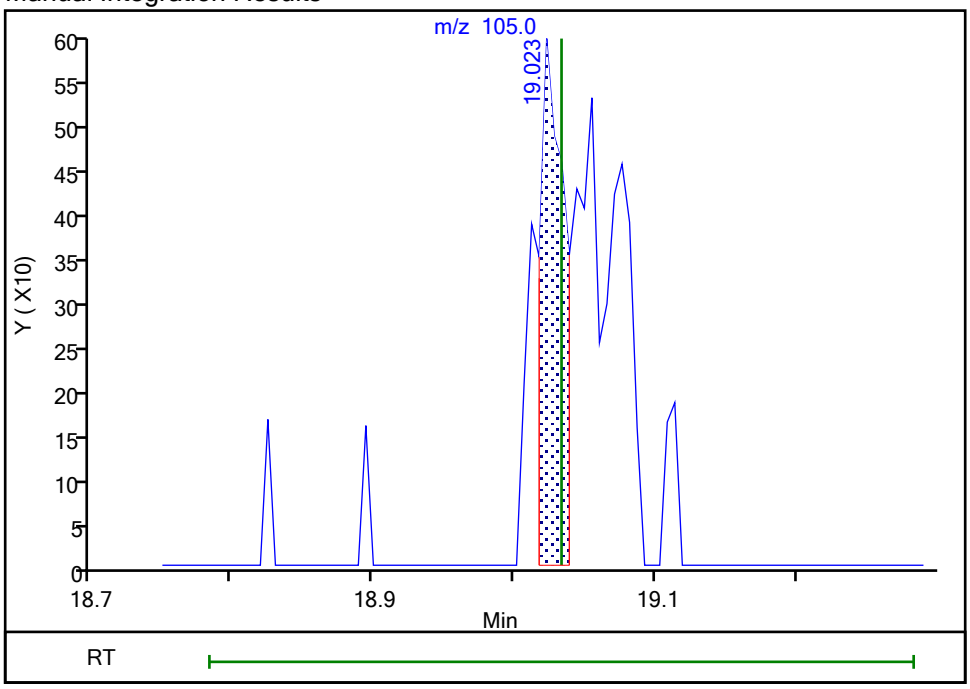
Processing Integration Results

RT: 19.02
Area: 908
Amount: 0.015357
Amount Units: ppb v/v



Manual Integration Results

RT: 19.02
Area: 718
Amount: 0.012143
Amount Units: ppb v/v



Reviewer: bunmaa, 04-May-2021 09:09:53

Audit Action: Manually Integrated Audit Reason: Assign Peak

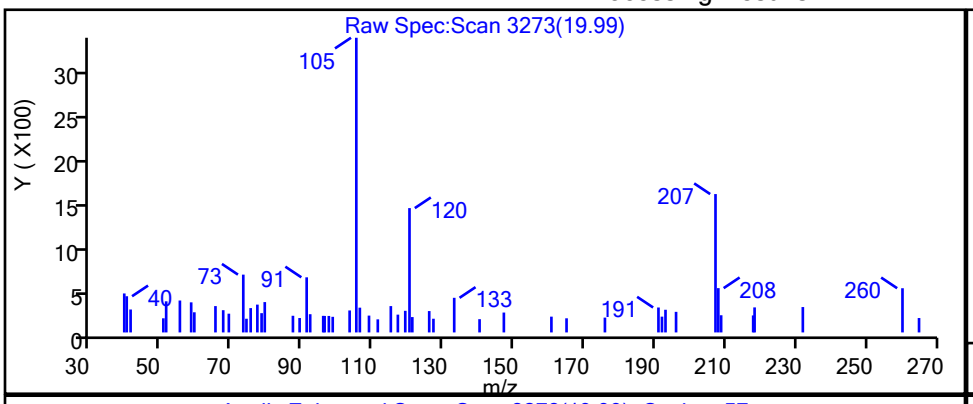
User Disabled Compound Report

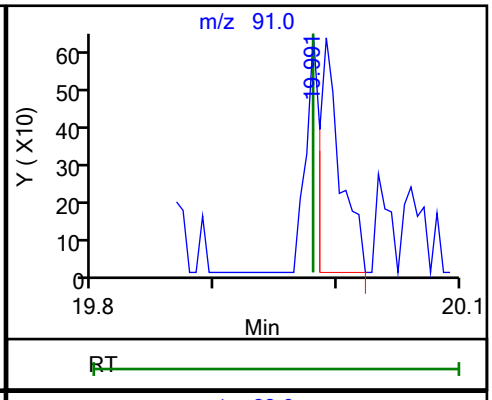
Eurofins TestAmerica, Burlington

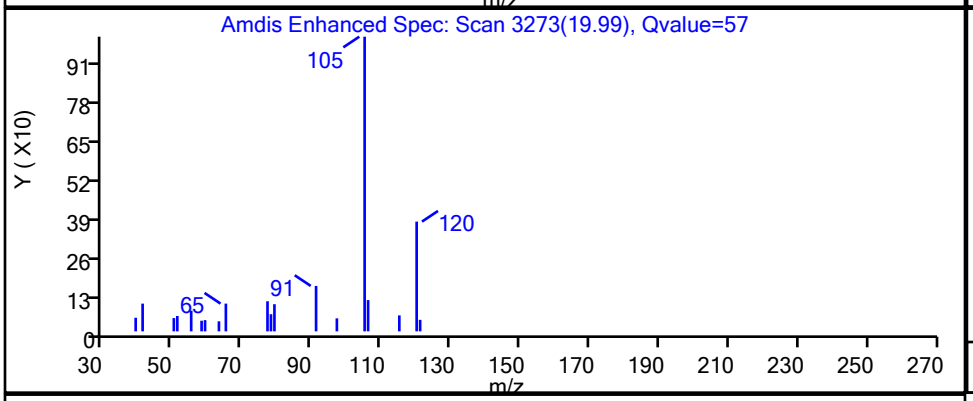
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

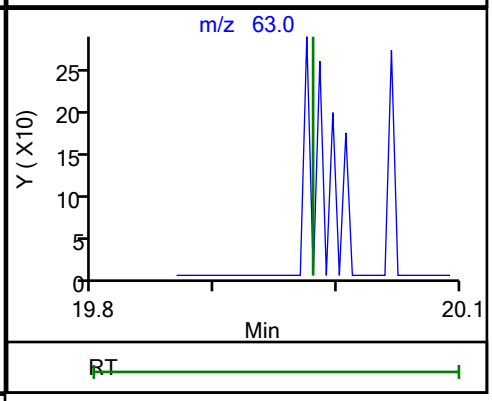
89 2-Chlorotoluene, CAS: 95-49-8

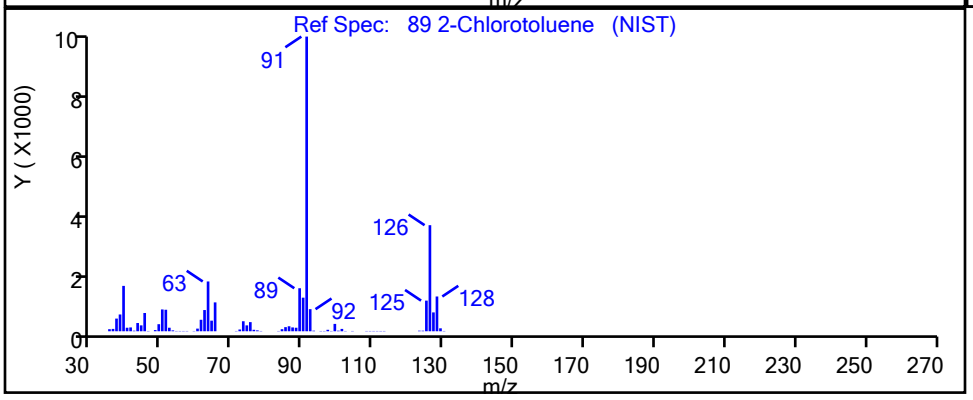
Processing Results











RT	Mass	Response	Amount
19.99	91.00	725	0.015548
19.98	63.00	0	

Reviewer: bunmaa, 04-May-2021 09:10:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

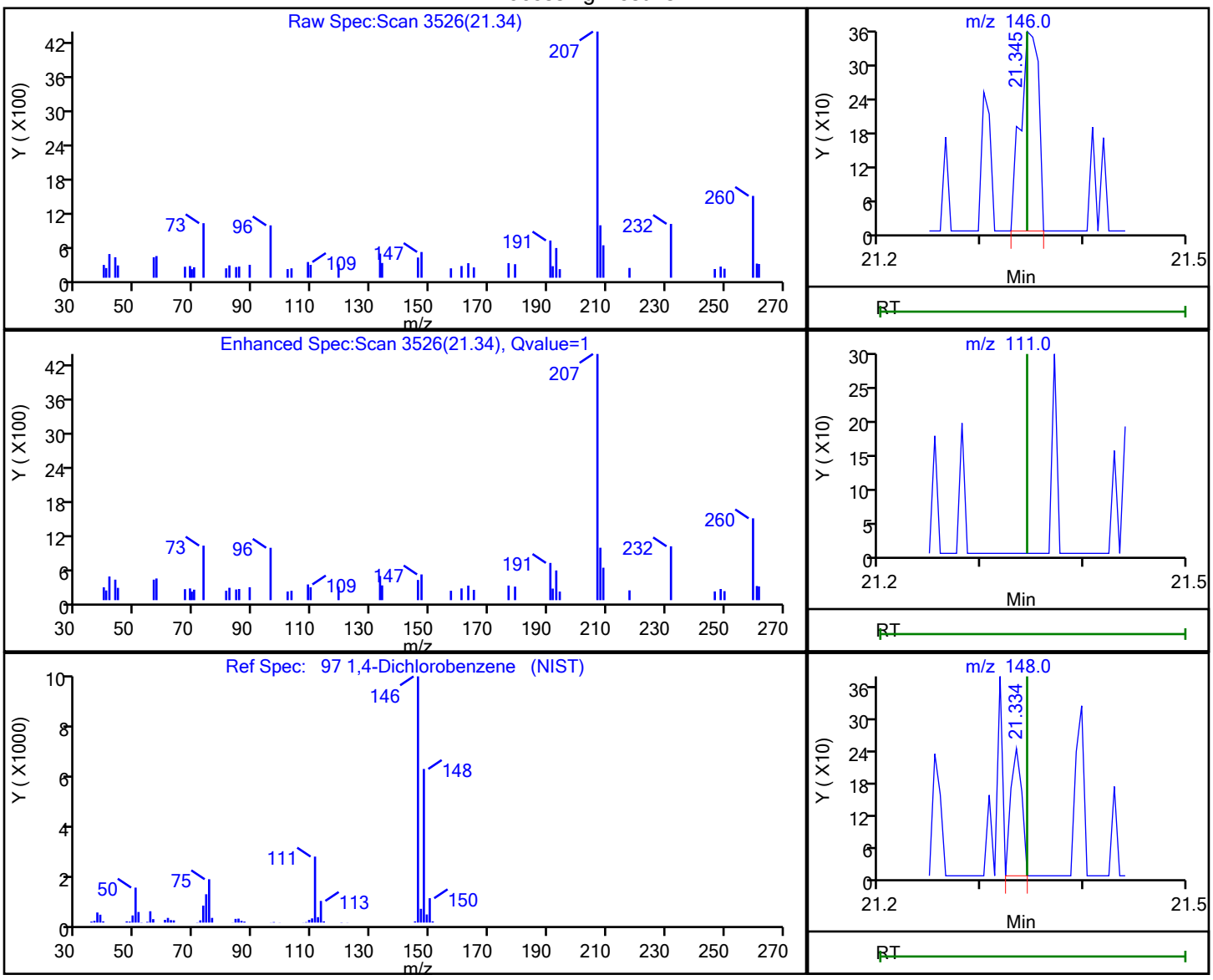
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
21.34	146.00	438	0.011884
21.34	111.00	0	
21.33	148.00	179	

Reviewer: bunmaa, 04-May-2021 09:11:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

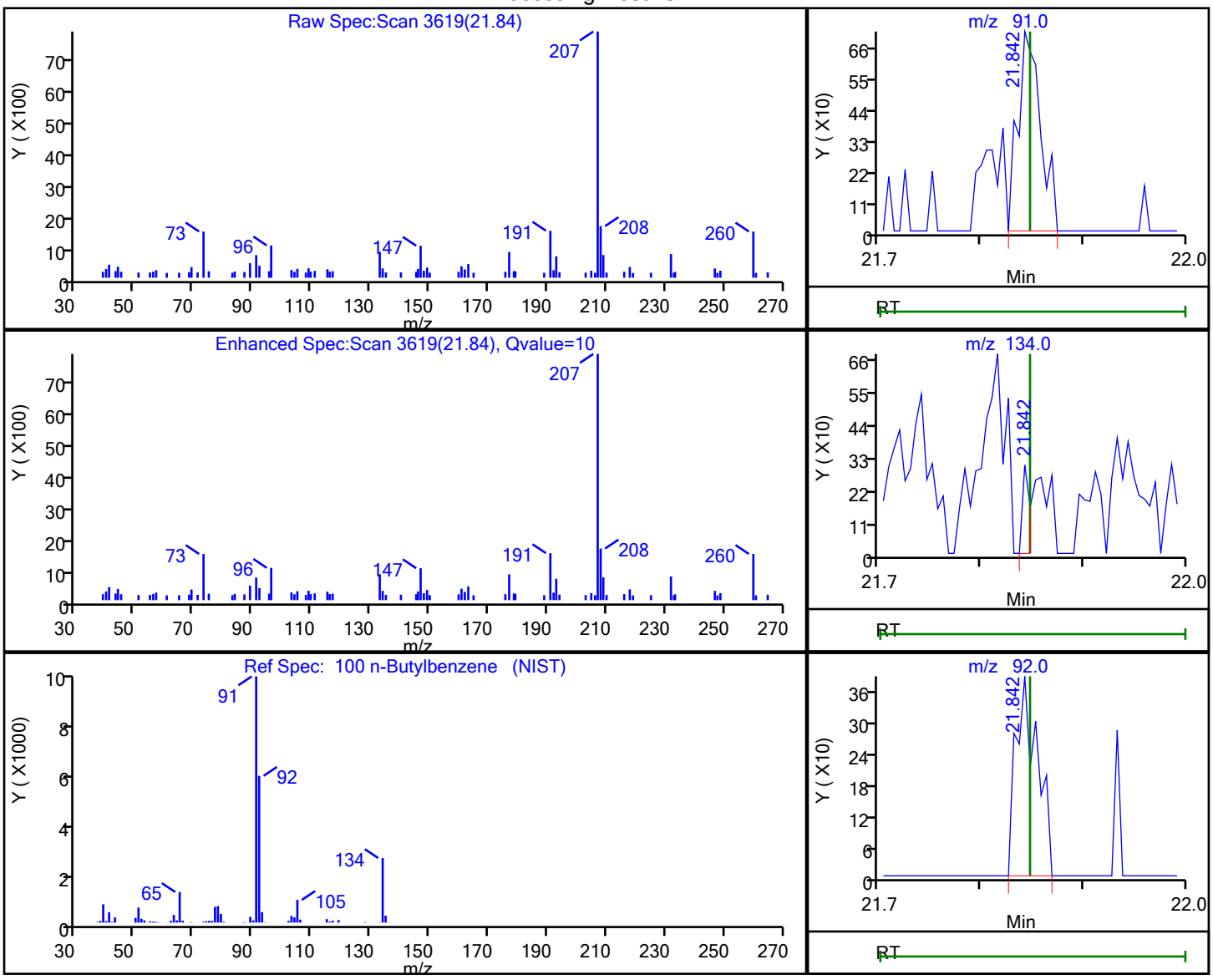
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

100 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
21.84	91.00	1109	0.018772
21.84	134.00	146	
21.84	92.00	563	

Reviewer: bunmaa, 04-May-2021 09:11:21

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

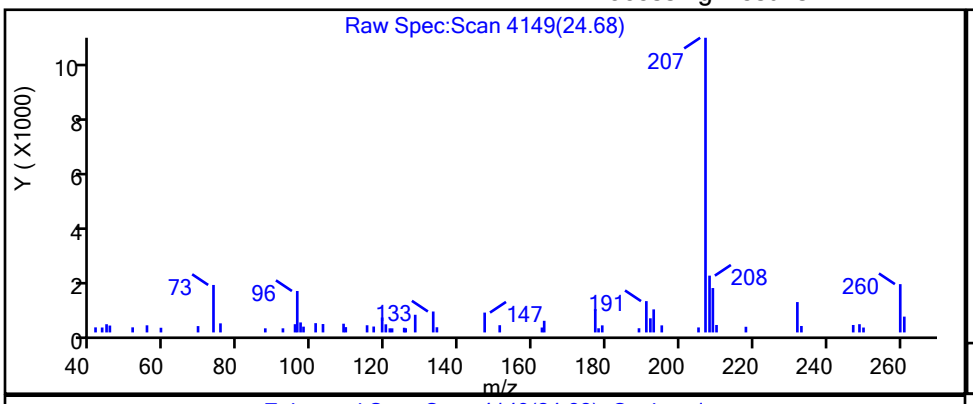
User Disabled Compound Report

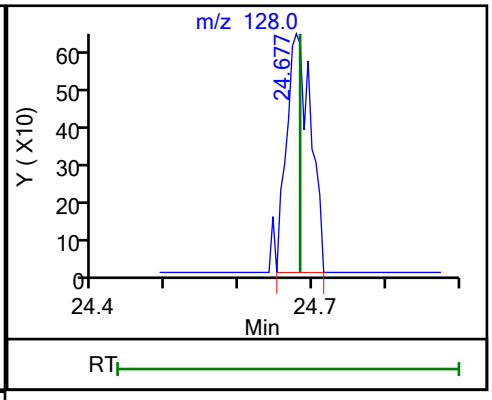
Eurofins TestAmerica, Burlington

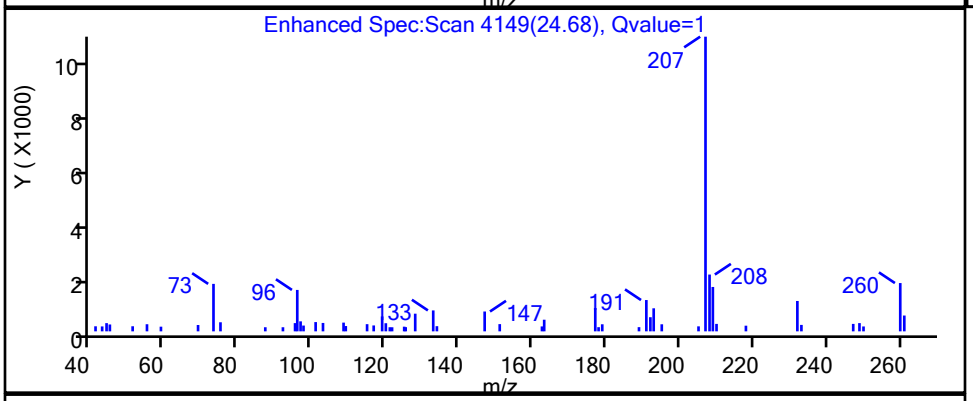
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-011.D				
Injection Date:	03-May-2021 16:24:30	Instrument ID:	CHG.i		
Lims ID:	200-58258-A-4	Lab Sample ID:	200-58258-4		
Client ID:	SV-03_20210428				
Operator ID:	ggg	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	10.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

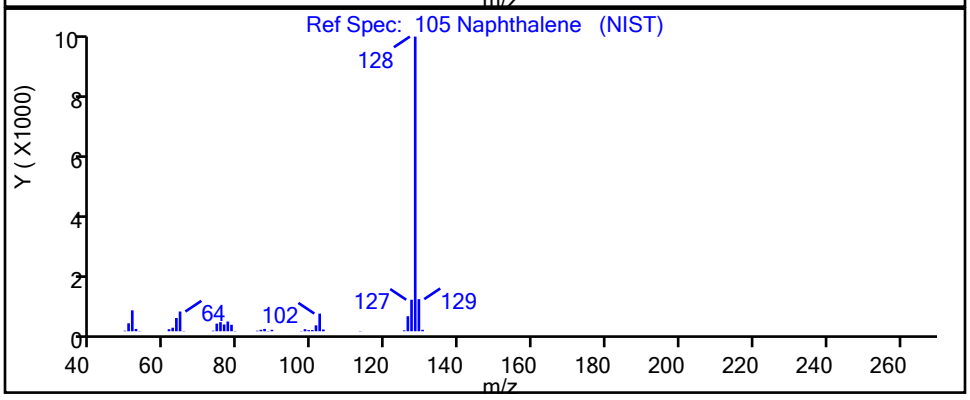
105 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
24.68	128.00	1488	0.021679

Reviewer: bunmaa, 04-May-2021 09:11:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-04_20210428 Lab Sample ID: 200-58258-5

Matrix: Air Lab File ID: 45779-27.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:38

Sample wt/vol: 162(mL) Date Analyzed: 05/01/2021 06:43

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	49	U	49	11
75-45-6	Chlorodifluoromethane	86.47	35	U	35	7.8
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	28	U	28	7.7
74-87-3	Chloromethane	50.49	21	U	21	5.0
106-97-8	n-Butane	58.12	48		24	9.0
75-01-4	Vinyl chloride	62.50	4.0	U	4.0	1.4
106-99-0	1,3-Butadiene	54.09	8.8	U	8.8	1.7
74-83-9	Bromomethane	94.94	16	U	16	4.0
75-00-3	Chloroethane	64.52	26	U	26	13
593-60-2	Bromoethene(Vinyl Bromide)	106.96	17	U	17	7.4
75-69-4	Trichlorofluoromethane	137.37	22	U	22	5.8
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	31	U	31	8.4
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	2.3
67-64-1	Acetone	58.08	840		240	95
67-63-0	Isopropyl alcohol	60.10	250	U	250	48
75-15-0	Carbon disulfide	76.14	12	J	31	8.1
107-05-1	3-Chloropropene	76.53	31	U	31	6.9
75-09-2	Methylene Chloride	84.93	35	U	35	12
75-65-0	tert-Butyl alcohol	74.12	300	U	300	73
1634-04-4	Methyl tert-butyl ether	88.15	14	U	14	5.8
156-60-5	trans-1,2-Dichloroethene	96.94	16	U	16	7.0
110-54-3	n-Hexane	86.17	49		14	16
75-34-3	1,1-Dichloroethane	98.96	16	U	16	2.3
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	650		29	10
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	2.6
67-66-3	Chloroform	119.38	20	U	20	4.5
109-99-9	Tetrahydrofuran	72.11	290	U	290	71
71-55-6	1,1,1-Trichloroethane	133.41	22	U	22	4.3
110-82-7	Cyclohexane	84.16	51		14	2.4
56-23-5	Carbon tetrachloride	153.81	4.4	U	4.4	4.0
540-84-1	2,2,4-Trimethylpentane	114.23	23		19	3.3
71-43-2	Benzene	78.11	23		13	4.7
107-06-2	1,2-Dichloroethane	98.96	16	U	16	12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-04_20210428 Lab Sample ID: 200-58258-5

Matrix: Air Lab File ID: 45779-27.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:38

Sample wt/vol: 162(mL) Date Analyzed: 05/01/2021 06:43

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	150		16	4.8
79-01-6	Trichloroethene	131.39	4.0	U	4.0	2.6
80-62-6	Methyl methacrylate	100.12	41	U	41	13
78-87-5	1,2-Dichloropropane	112.99	18	U	18	8.0
123-91-1	1,4-Dioxane	88.11	360	U	360	120
75-27-4	Bromodichloromethane	163.83	27	U	27	5.4
10061-01-5	cis-1,3-Dichloropropene	110.97	18	U	18	1.8
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	26	J	41	16
108-88-3	Toluene	92.14	560		15	7.0
10061-02-6	trans-1,3-Dichloropropene	110.97	18	U	18	8.1
79-00-5	1,1,2-Trichloroethane	133.41	22	U	22	3.7
127-18-4	Tetrachloroethene	165.83	45		27	3.7
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	41	U	41	16
124-48-1	Dibromochloromethane	208.28	34	U	34	5.3
106-93-4	1,2-Dibromoethane	187.87	31	U	31	7.1
108-90-7	Chlorobenzene	112.56	18	U	18	4.0
100-41-4	Ethylbenzene	106.17	140		17	8.7
179601-23-1	m,p-Xylene	106.17	350		43	15
95-47-6	o-Xylene	106.17	210		17	8.2
100-42-5	Styrene	104.15	1500		17	2.7
75-25-2	Bromoform	252.75	41	U	41	12
98-82-8	Cumene	120.19	20	U	20	3.6
79-34-5	1,1,2,2-Tetrachloroethane	167.85	27	U	27	5.9
103-65-1	n-Propylbenzene	120.19	25		20	4.6
622-96-8	4-Ethyltoluene	120.20	20		20	5.0
108-67-8	1,3,5-Trimethylbenzene	120.20	34		20	4.3
95-49-8	2-Chlorotoluene	126.59	21	U	21	5.0
98-06-6	tert-Butylbenzene	134.22	22	U	22	4.1
95-63-6	1,2,4-Trimethylbenzene	120.20	39		20	4.6
135-98-8	sec-Butylbenzene	134.22	5.0	J	22	4.3
99-87-6	4-Isopropyltoluene	134.22	5.3	J	22	4.3
541-73-1	1,3-Dichlorobenzene	147.00	24	U	24	11
106-46-7	1,4-Dichlorobenzene	147.00	24	U	24	11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-04_20210428 Lab Sample ID: 200-58258-5

Matrix: Air Lab File ID: 45779-27.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:38

Sample wt/vol: 162(mL) Date Analyzed: 05/01/2021 06:43

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	21	U	21	7.7
104-51-8	n-Butylbenzene	134.22	22	U	22	6.0
95-50-1	1,2-Dichlorobenzene	147.00	24	U	24	8.4
120-82-1	1,2,4-Trichlorobenzene	181.45	74	U	74	28
87-68-3	Hexachlorobutadiene	260.76	43	U	43	6.6
91-20-3	Naphthalene	128.17	52	U	52	18

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-04_20210428 Lab Sample ID: 200-58258-5

Matrix: Air Lab File ID: 45779-27.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:38

Sample wt/vol: 162(mL) Date Analyzed: 05/01/2021 06:43

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	10	U	10	2.2
75-45-6	Chlorodifluoromethane	86.47	10	U	10	2.2
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	4.0	U	4.0	1.1
74-87-3	Chloromethane	50.49	10	U	10	2.4
106-97-8	n-Butane	58.12	20		10	3.8
75-01-4	Vinyl chloride	62.50	1.6	U	1.6	0.56
106-99-0	1,3-Butadiene	54.09	4.0	U	4.0	0.76
74-83-9	Bromomethane	94.94	4.0	U	4.0	1.0
75-00-3	Chloroethane	64.52	10	U	10	5.0
593-60-2	Bromoethene(Vinyl Bromide)	106.96	4.0	U	4.0	1.7
75-69-4	Trichlorofluoromethane	137.37	4.0	U	4.0	1.0
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	4.0	U	4.0	1.1
75-35-4	1,1-Dichloroethene	96.94	1.0	U	1.0	0.58
67-64-1	Acetone	58.08	350		100	40
67-63-0	Isopropyl alcohol	60.10	100	U	100	20
75-15-0	Carbon disulfide	76.14	3.8	J	10	2.6
107-05-1	3-Chloropropene	76.53	10	U	10	2.2
75-09-2	Methylene Chloride	84.93	10	U	10	3.4
75-65-0	tert-Butyl alcohol	74.12	100	U	100	24
1634-04-4	Methyl tert-butyl ether	88.15	4.0	U	4.0	1.6
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	1.8
110-54-3	n-Hexane	86.17	14		4.0	4.6
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.58
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	220		10	3.4
156-59-2	cis-1,2-Dichloroethene	96.94	1.0	U	1.0	0.66
67-66-3	Chloroform	119.38	4.0	U	4.0	0.92
109-99-9	Tetrahydrofuran	72.11	100	U	100	24
71-55-6	1,1,1-Trichloroethane	133.41	4.0	U	4.0	0.78
110-82-7	Cyclohexane	84.16	15		4.0	0.70
56-23-5	Carbon tetrachloride	153.81	0.70	U	0.70	0.64
540-84-1	2,2,4-Trimethylpentane	114.23	4.8		4.0	0.70
71-43-2	Benzene	78.11	7.2		4.0	1.5
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	3.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-04_20210428 Lab Sample ID: 200-58258-5

Matrix: Air Lab File ID: 45779-27.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:38

Sample wt/vol: 162(mL) Date Analyzed: 05/01/2021 06:43

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	38		4.0	1.2
79-01-6	Trichloroethene	131.39	0.74	U	0.74	0.48
80-62-6	Methyl methacrylate	100.12	10	U	10	3.2
78-87-5	1,2-Dichloropropane	112.99	4.0	U	4.0	1.7
123-91-1	1,4-Dioxane	88.11	100	U	100	34
75-27-4	Bromodichloromethane	163.83	4.0	U	4.0	0.80
10061-01-5	cis-1,3-Dichloropropene	110.97	4.0	U	4.0	0.40
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	6.4	J	10	3.8
108-88-3	Toluene	92.14	150		4.0	1.9
10061-02-6	trans-1,3-Dichloropropene	110.97	4.0	U	4.0	1.8
79-00-5	1,1,2-Trichloroethane	133.41	4.0	U	4.0	0.68
127-18-4	Tetrachloroethene	165.83	6.6		4.0	0.54
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	4.0
124-48-1	Dibromochloromethane	208.28	4.0	U	4.0	0.62
106-93-4	1,2-Dibromoethane	187.87	4.0	U	4.0	0.92
108-90-7	Chlorobenzene	112.56	4.0	U	4.0	0.86
100-41-4	Ethylbenzene	106.17	32		4.0	2.0
179601-23-1	m,p-Xylene	106.17	81		10	3.4
95-47-6	o-Xylene	106.17	48		4.0	1.9
100-42-5	Styrene	104.15	360		4.0	0.64
75-25-2	Bromoform	252.75	4.0	U	4.0	1.2
98-82-8	Cumene	120.19	4.0	U	4.0	0.74
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.0	U	4.0	0.86
103-65-1	n-Propylbenzene	120.19	5.0		4.0	0.94
622-96-8	4-Ethyltoluene	120.20	4.0		4.0	1.0
108-67-8	1,3,5-Trimethylbenzene	120.20	6.9		4.0	0.88
95-49-8	2-Chlorotoluene	126.59	4.0	U	4.0	0.96
98-06-6	tert-Butylbenzene	134.22	4.0	U	4.0	0.74
95-63-6	1,2,4-Trimethylbenzene	120.20	7.9		4.0	0.94
135-98-8	sec-Butylbenzene	134.22	0.91	J	4.0	0.78
99-87-6	4-Isopropyltoluene	134.22	0.96	J	4.0	0.78
541-73-1	1,3-Dichlorobenzene	147.00	4.0	U	4.0	1.8
106-46-7	1,4-Dichlorobenzene	147.00	4.0	U	4.0	1.9

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: SV-04_20210428 Lab Sample ID: 200-58258-5

Matrix: Air Lab File ID: 45779-27.D

Analysis Method: TO-15 Date Collected: 04/28/2021 12:38

Sample wt/vol: 162(mL) Date Analyzed: 05/01/2021 06:43

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	4.0	U	4.0	1.5
104-51-8	n-Butylbenzene	134.22	4.0	U	4.0	1.1
95-50-1	1,2-Dichlorobenzene	147.00	4.0	U	4.0	1.4
120-82-1	1,2,4-Trichlorobenzene	181.45	10	U	10	3.8
87-68-3	Hexachlorobutadiene	260.76	4.0	U	4.0	0.62
91-20-3	Naphthalene	128.17	10	U	10	3.4

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D
Lims ID: 200-58258-A-5
Client ID: SV-04_20210428
Sample Type: Client
Inject. Date: 01-May-2021 06:43:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 200.000 mL Dil. Factor: 20.0000
Sample Info: 200-0045779-027
Misc. Info.: 58258-5
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 03-May-2021 12:36:40 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: bunmaa Date: 03-May-2021 12:36:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.440	4.434	0.011	96	1484	0.0598	
3 Chlorodifluoromethane	51		4.472				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.787				ND	
5 Chloromethane	50		4.910				ND	7
6 Butane	43	5.237	5.226	0.011	94	12699	1.01	
7 Vinyl chloride	62		5.226				ND	
8 Butadiene	54		5.338				ND	MU
10 Bromomethane	94		6.055				ND	
11 Chloroethane	64		6.323				ND	
13 Vinyl bromide	106		6.740				ND	
14 Trichlorofluoromethane	101	6.916	6.916	0.016	17	840	0.0417	M
21 1,1-Dichloroethene	96		7.960				ND	
20 112TCTFE	101		7.992				ND	
22 Acetone	43	8.018	8.009	0.005	97	194503	17.6	
24 Isopropyl alcohol	45	8.313	8.286	0.027	99	7722	0.6086	
23 Carbon disulfide	76	8.382	8.373	0.005	99	4233	0.1918	
25 3-Chloro-1-propene	41		8.655				ND	U
27 Methylene Chloride	49		8.891				ND	
28 2-Methyl-2-propanol	59		9.046				ND	U
29 Methyl tert-butyl ether	73		9.367				ND	
31 trans-1,2-Dichloroethene	61		9.388				ND	
33 Hexane	57	9.886	9.880	0.006	91	7380	0.6942	
34 1,1-Dichloroethane	63		10.153				ND	
38 2-Butanone (MEK)	72	11.105	11.094	0.010	99	42451	11.0	
37 cis-1,2-Dichloroethene	96		11.143				ND	
* 40 Chlorobromomethane	128	11.565	11.565	0.000	82	66181	10.0	
41 Tetrahydrofuran	42		11.581				ND	
42 Chloroform	83		11.737				ND	U
44 1,1,1-Trichloroethane	97		12.036				ND	
43 Cyclohexane	84	12.175	12.170	-0.006	94	8140	0.7412	
45 Carbon tetrachloride	117		12.314				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
47 Benzene	78	12.662	12.662	0.000	94	9114	0.3617	
48 1,2-Dichloroethane	62		12.748				ND	
46 Isooctane	57	12.865	12.865	0.000	96	8698	0.2424	
49 n-Heptane	43	13.170	13.170	0.000	92	22300	1.89	
* 50 1,4-Difluorobenzene	114	13.400	13.400	0.000	93	339267	10.0	
53 Trichloroethene	95		13.828				ND	
54 1,2-Dichloropropane	63		14.294				ND	
55 Methyl methacrylate	69		14.358				ND	U
56 1,4-Dioxane	88		14.401				ND	
58 Dichlorobromomethane	83		14.759				ND	
60 cis-1,3-Dichloropropene	75		15.556				ND	
61 4-Methyl-2-pentanone (MIBK)	43	15.802	15.797	0.010	90	4816	0.3210	
65 Toluene	92	16.193	16.193	0.000	93	135628	7.39	
66 trans-1,3-Dichloropropene	75		16.610				ND	
67 1,1,2-Trichloroethane	83		16.990				ND	U
68 Tetrachloroethene	166	17.183	17.178	-0.001	96	5727	0.3299	
69 2-Hexanone	43		17.370				ND	U
71 Chlorodibromomethane	129		17.734				ND	
72 Ethylene Dibromide	107		17.980				ND	
* 74 Chlorobenzene-d5	117	18.873	18.878	-0.005	85	269402	10.0	
75 Chlorobenzene	112		18.937				ND	
76 Ethylbenzene	91	19.119	19.119	0.000	98	58047	1.60	M
78 m-Xylene & p-Xylene	106	19.365	19.386	-0.016	0	58394	4.04	
79 o-Xylene	106	20.157	20.152	0.005	96	31637	2.40	
80 Styrene	104	20.194	20.194	0.000	97	335737	17.8	
81 Bromoform	173		20.548				ND	
82 Isopropylbenzene	105		20.836				ND	U
84 1,1,2,2-Tetrachloroethane	83		21.355				ND	U
85 N-Propylbenzene	91	21.548	21.548	0.000	99	9710	0.2494	M
89 2-Chlorotoluene	91		21.698				ND	
88 4-Ethyltoluene	105	21.740	21.740	-0.001	96	6432	0.1988	M
90 1,3,5-Trimethylbenzene	105	21.831	21.831	-0.006	94	10151	0.3428	M
92 tert-Butylbenzene	119		22.313				ND	MU
93 1,2,4-Trimethylbenzene	105	22.398	22.398	-0.001	97	10468	0.3928	M
94 sec-Butylbenzene	105	22.639	22.639	0.005	95	2092	0.0457	M
96 1,3-Dichlorobenzene	146		22.816				ND	
95 4-Isopropyltoluene	119	22.843	22.848	-0.006	96	1713	0.0482	
97 1,4-Dichlorobenzene	146		22.955				ND	
98 Benzyl chloride	91		23.099				ND	
100 n-Butylbenzene	91		23.404				ND	
101 1,2-Dichlorobenzene	146		23.447				ND	
103 1,2,4-Trichlorobenzene	180		25.903				ND	
104 Hexachlorobutadiene	225		26.138				ND	
105 Naphthalene	128		26.384				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

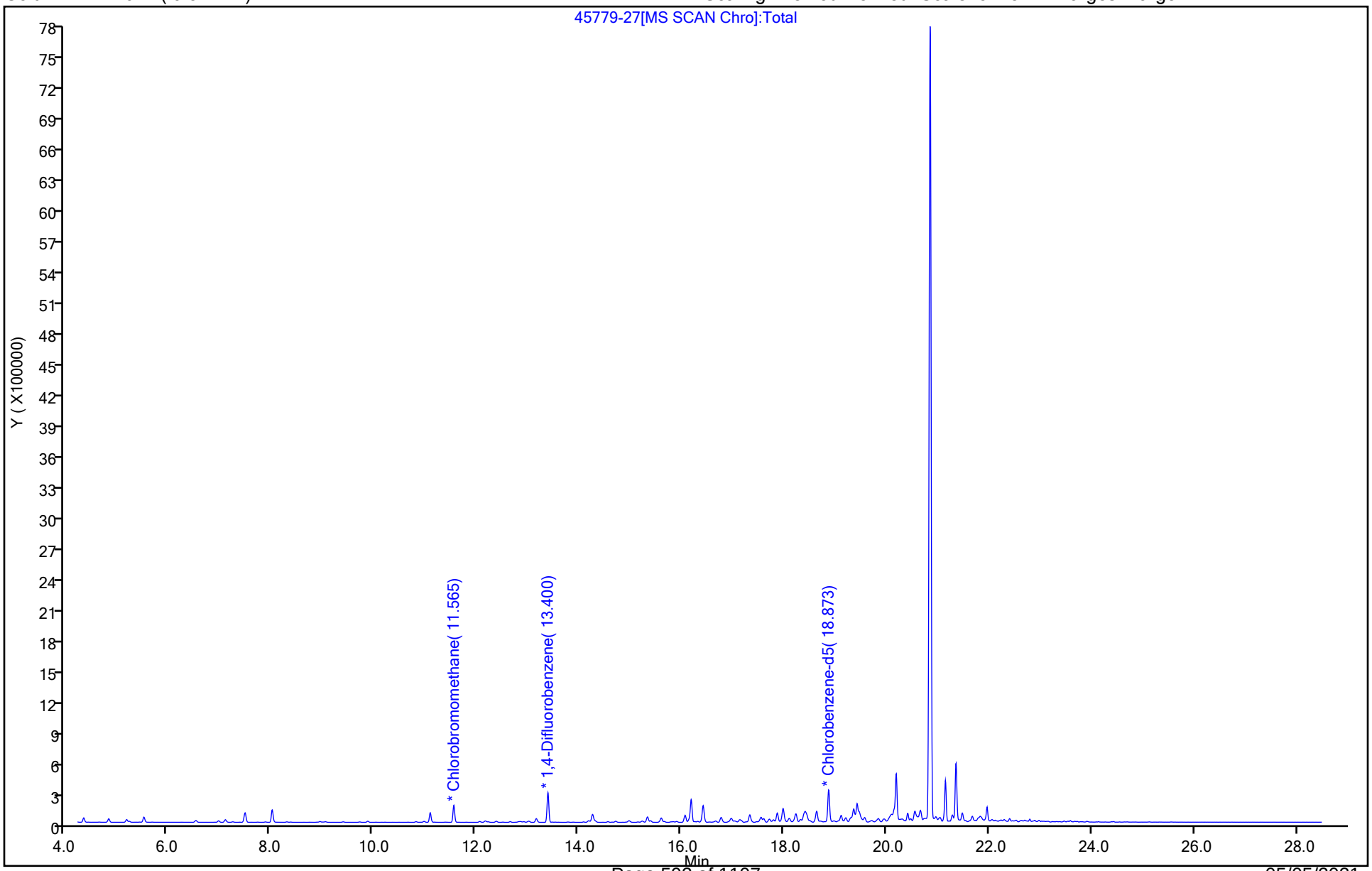
ATTO15XISs_00002 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 03-May-2021 12:36:40 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5	Worklist Smp#:	27
Client ID:	SV-04_20210428				
Purge Vol:	200.000 mL	Dil. Factor:	20.0000	ALS Bottle#:	26
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
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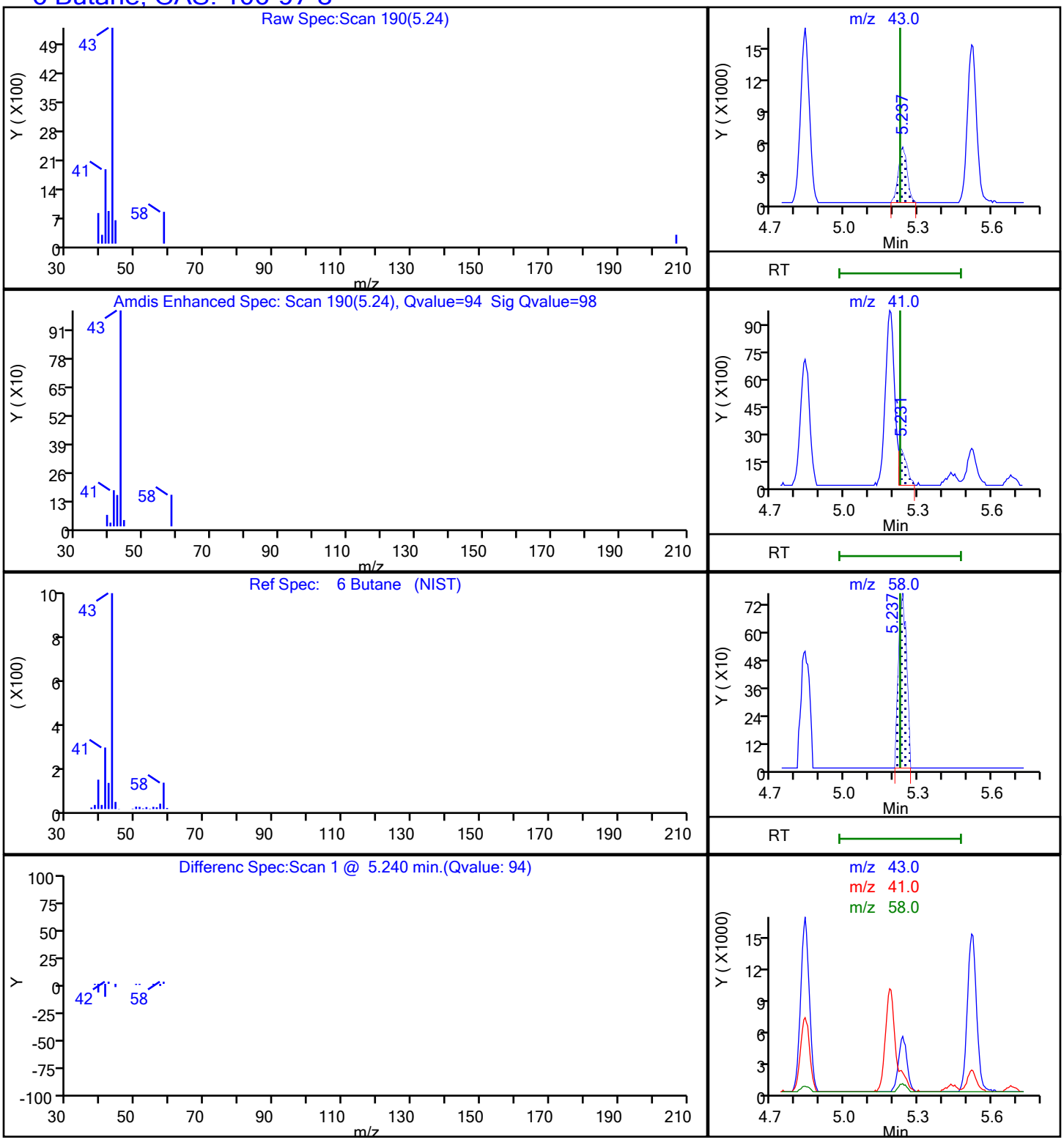
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

6 Butane, CAS: 106-97-8



Eurofins TestAmerica, Burlington

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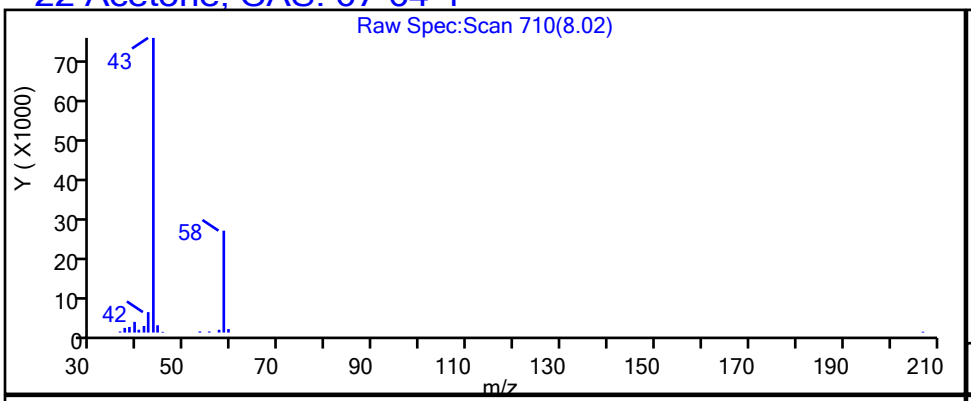
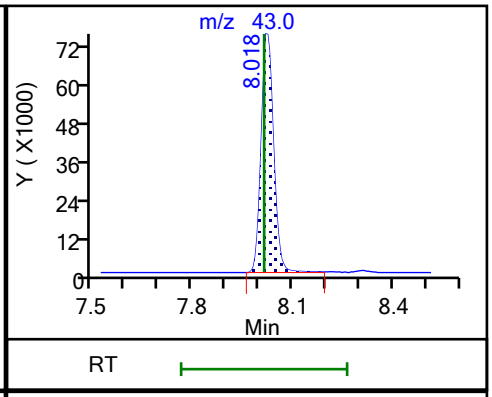
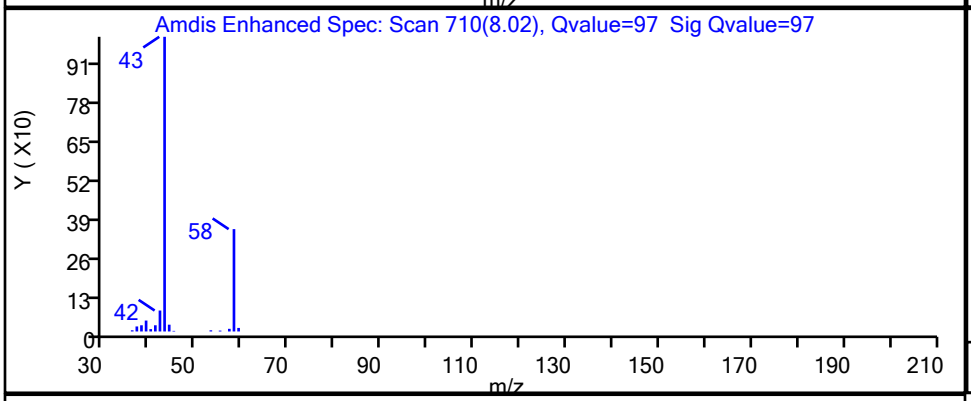
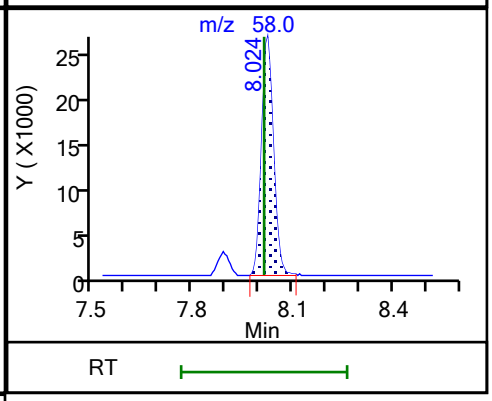
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

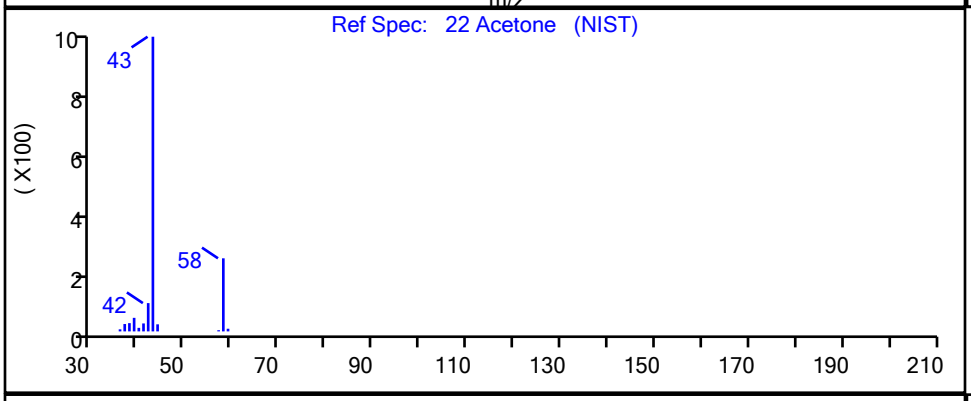
22 Acetone, CAS: 67-64-1

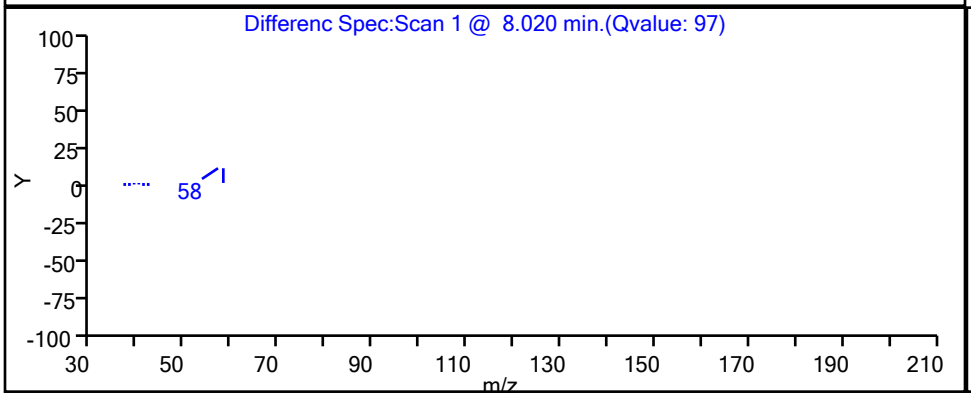


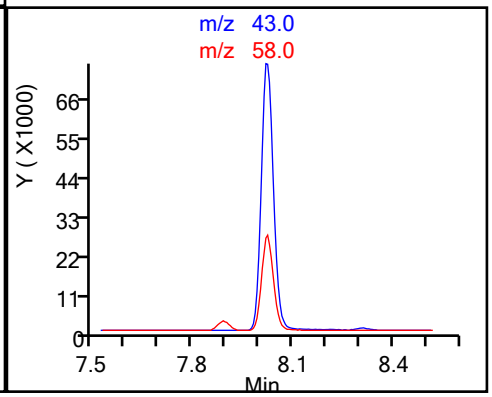










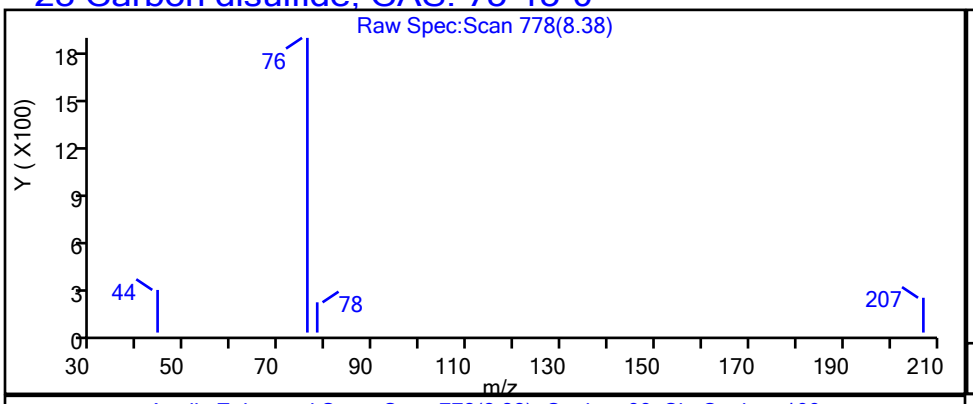


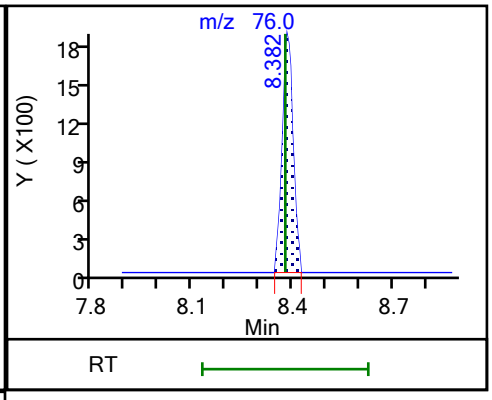
Report Date: 03-May-2021 12:36:40 Chrom Revision: 2.3 08-Apr-2021 17:17:48

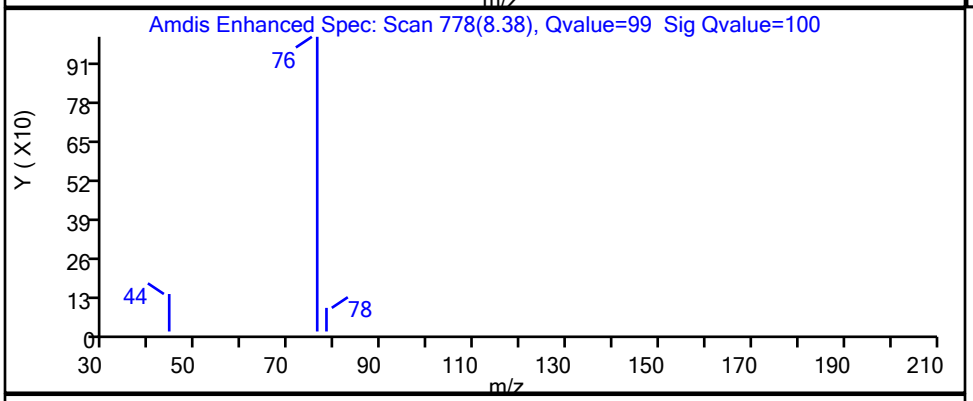
Eurofins TestAmerica, Burlington

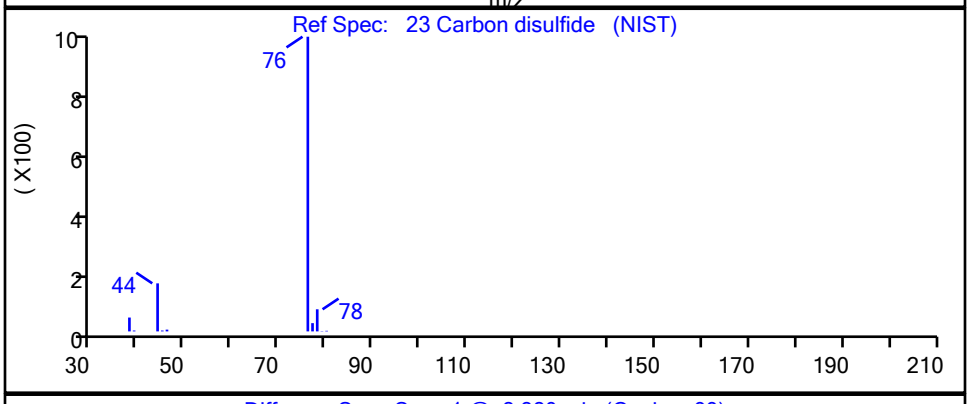
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

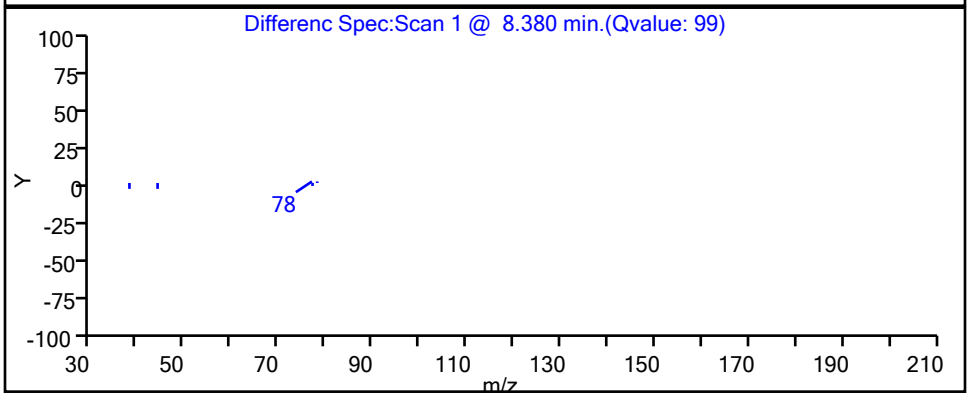
23 Carbon disulfide, CAS: 75-15-0











Eurofins TestAmerica, Burlington

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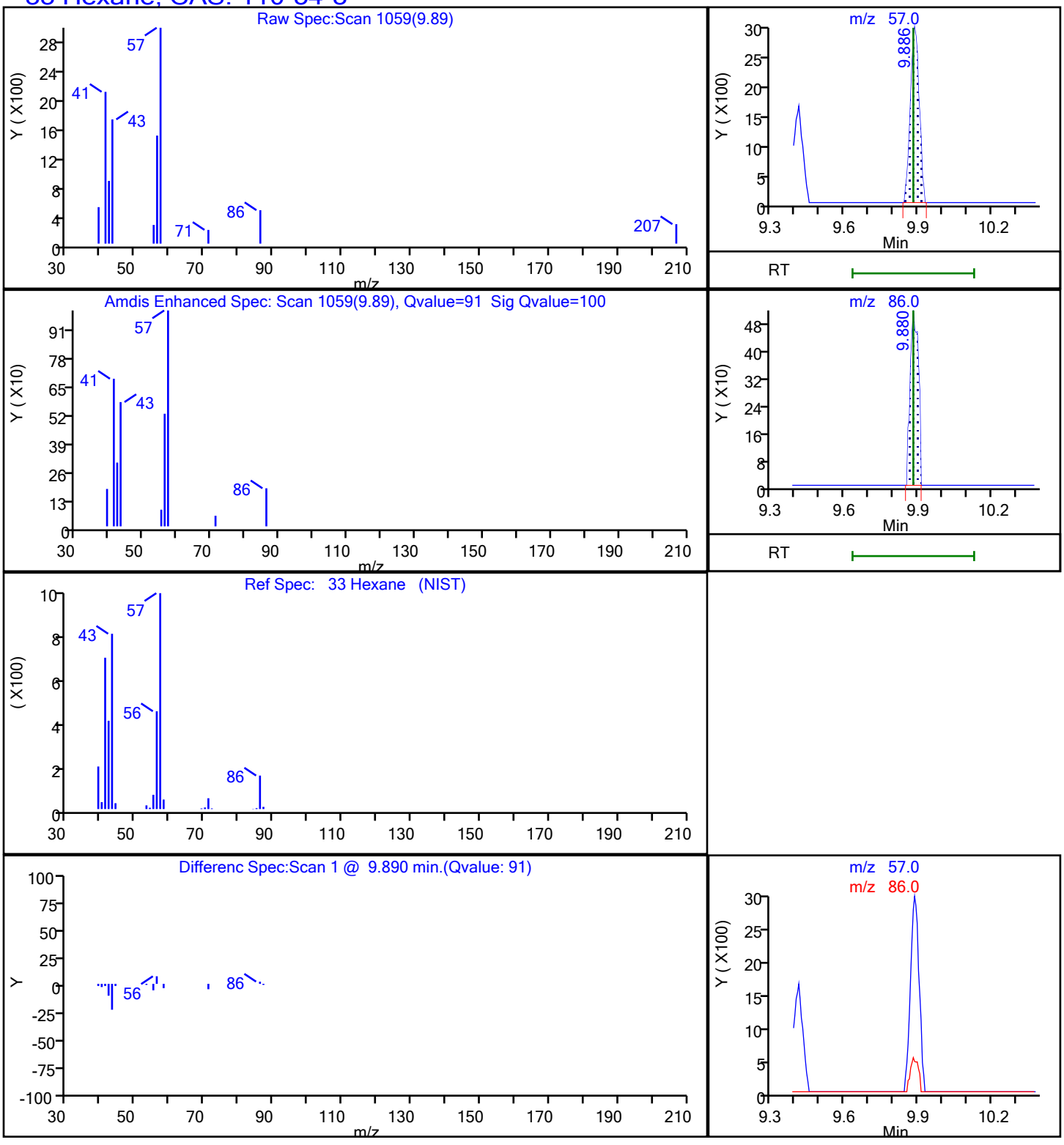
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

33 Hexane, CAS: 110-54-3



Eurofins TestAmerica, Burlington

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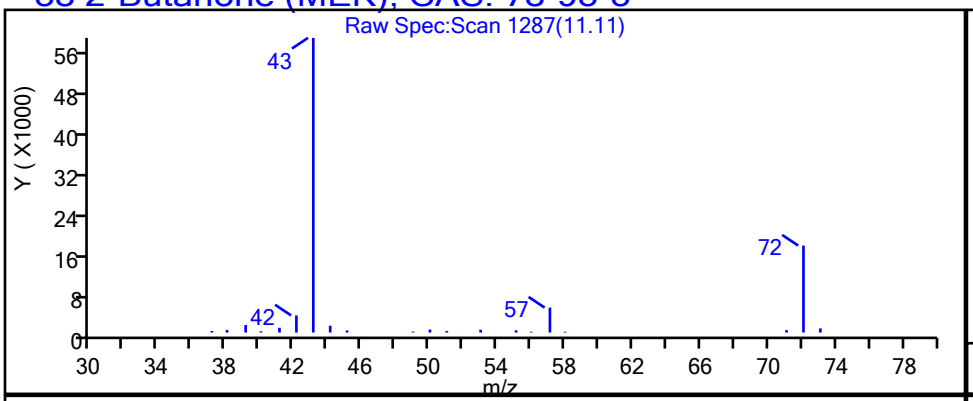
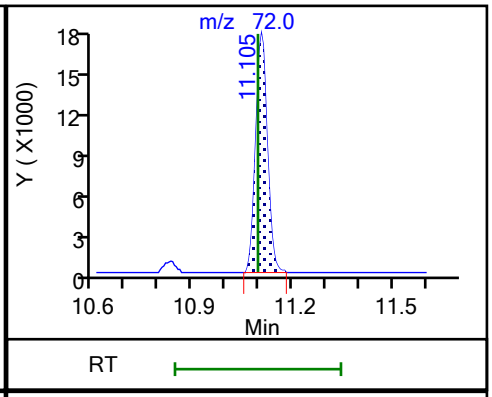
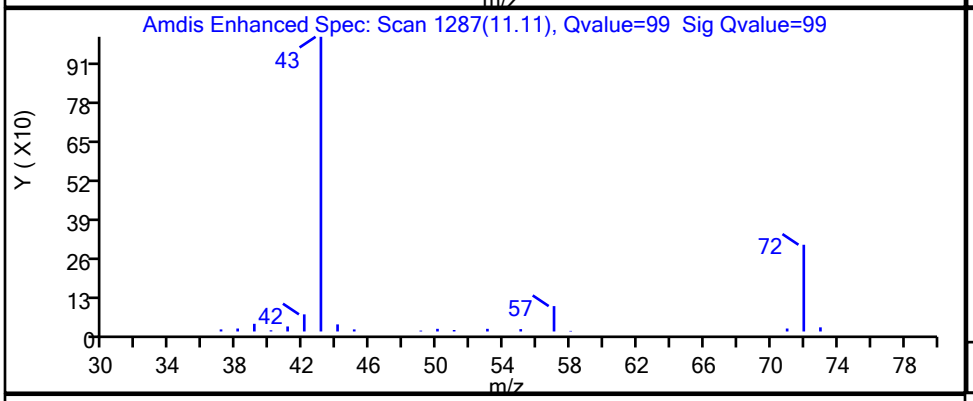
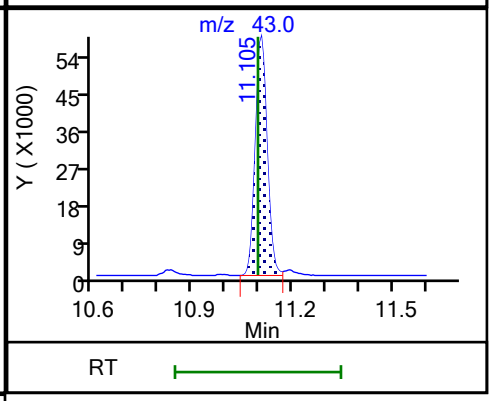
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

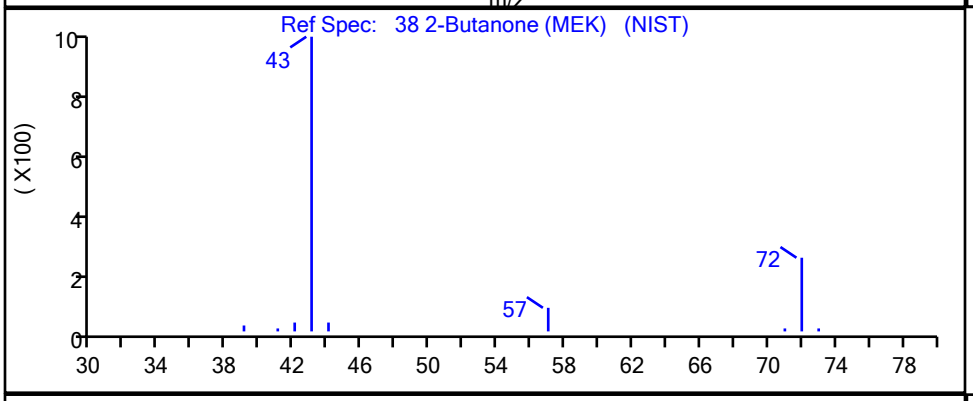
38 2-Butanone (MEK), CAS: 78-93-3

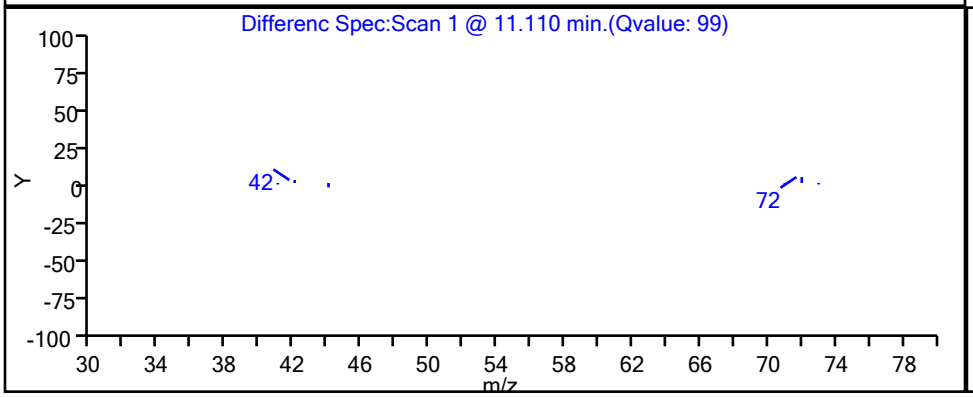


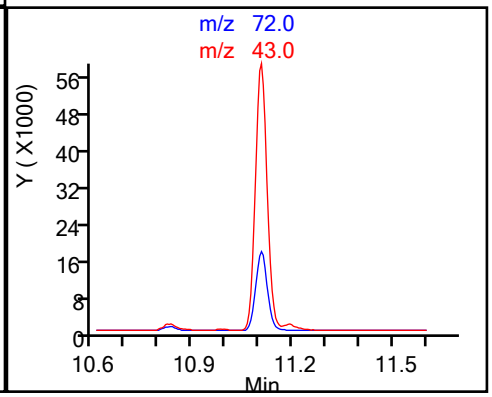








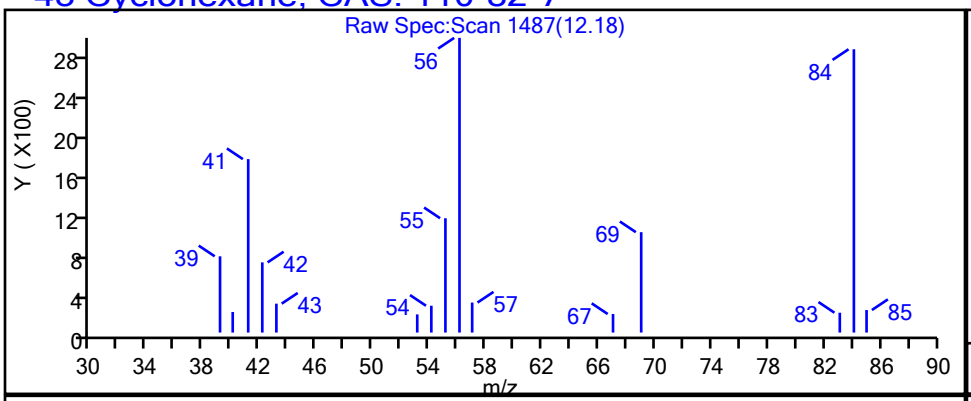


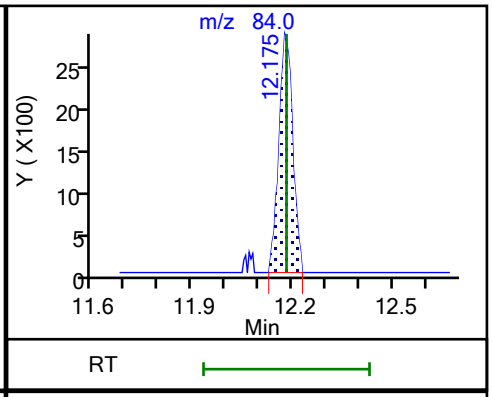


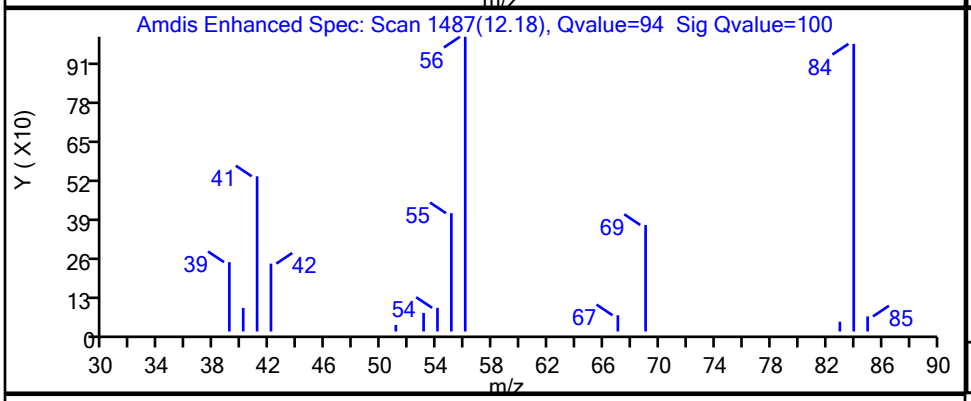
Eurofins TestAmerica, Burlington

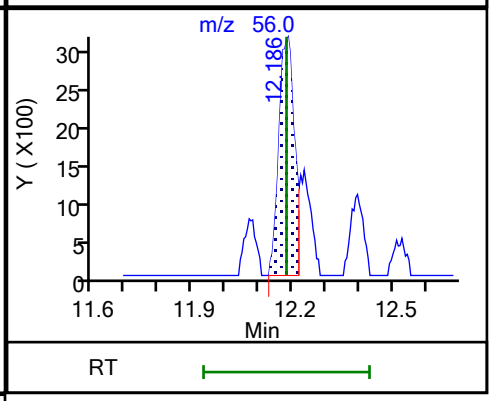
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

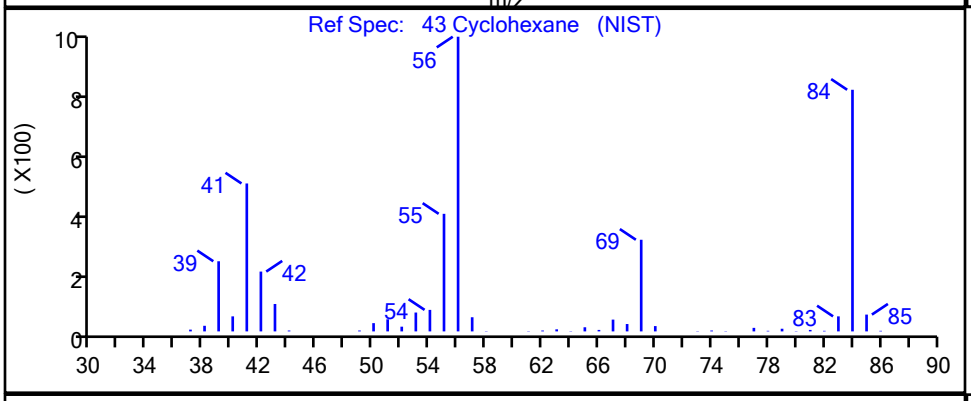
43 Cyclohexane, CAS: 110-82-7

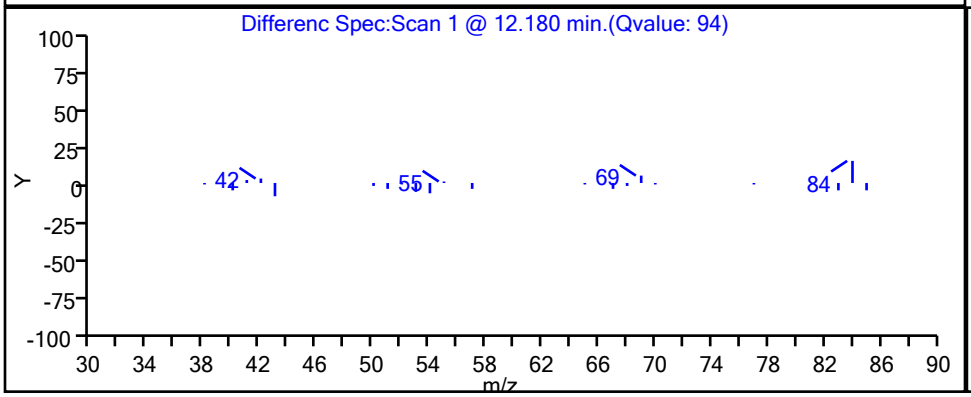


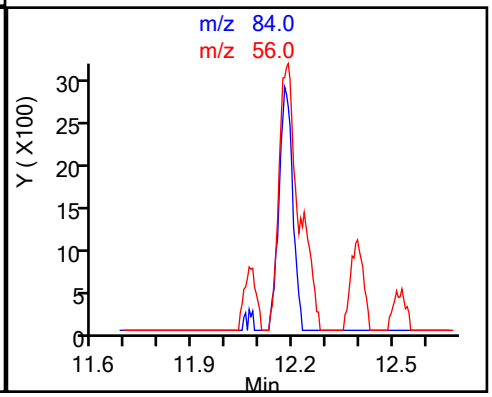












Eurofins TestAmerica, Burlington

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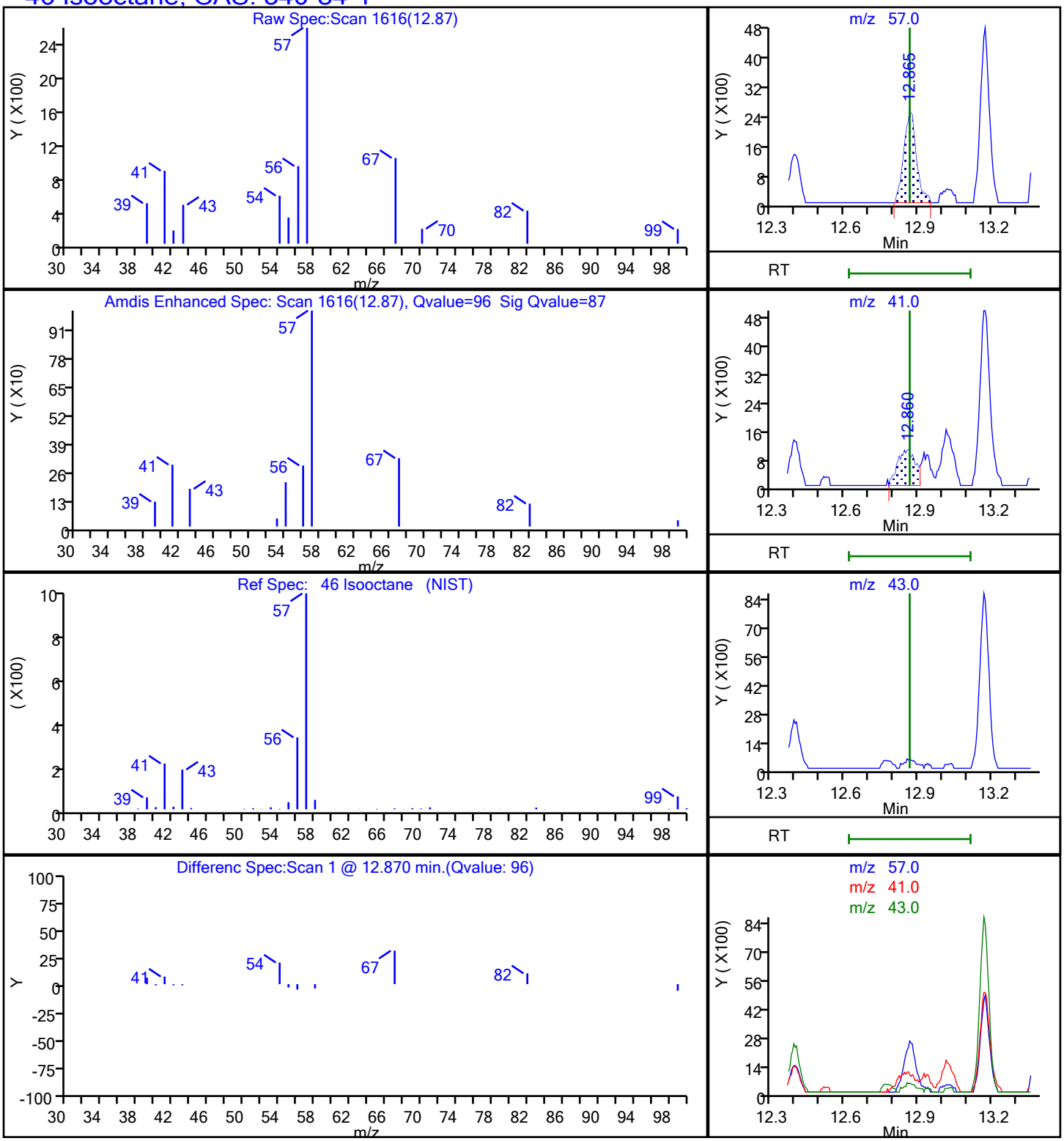
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

46 Isooctane, CAS: 540-84-1



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
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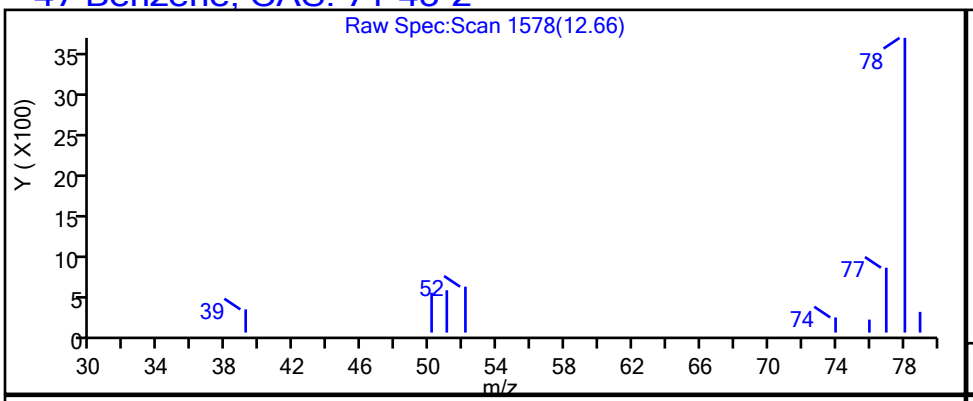
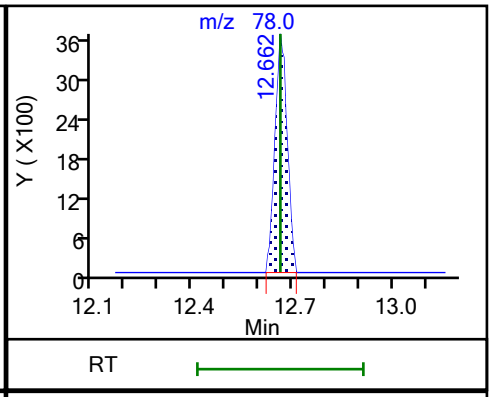
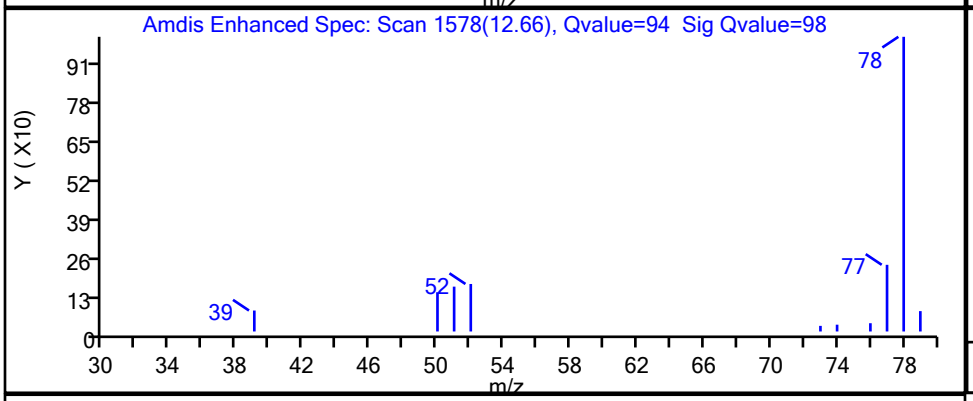
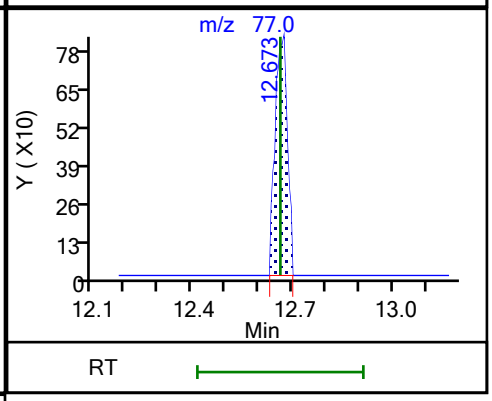
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

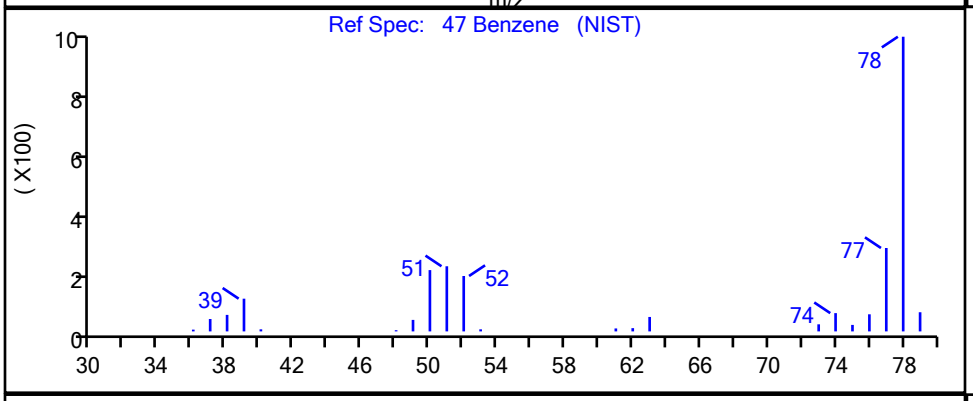
47 Benzene, CAS: 71-43-2

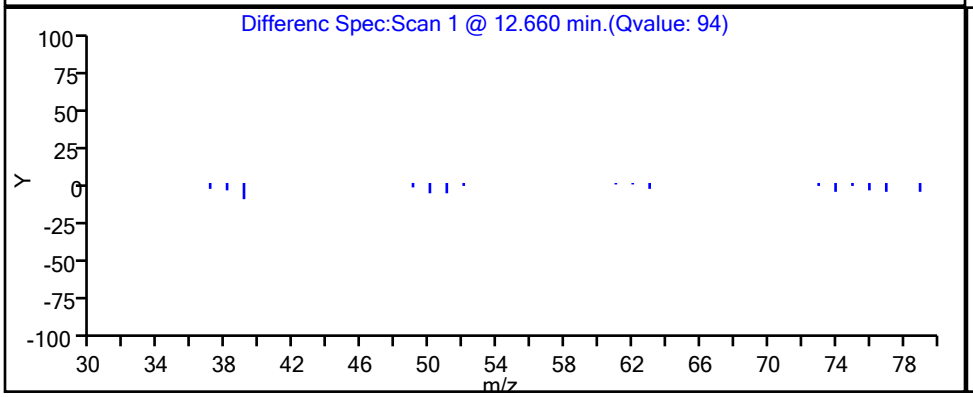


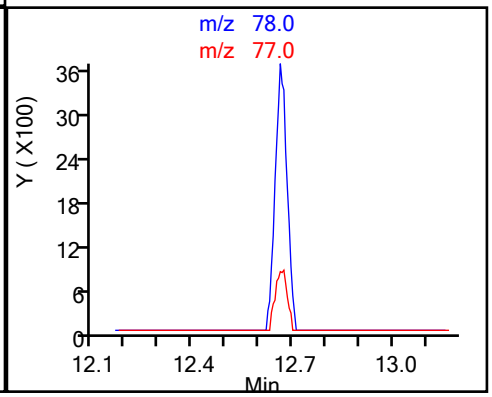












Eurofins TestAmerica, Burlington

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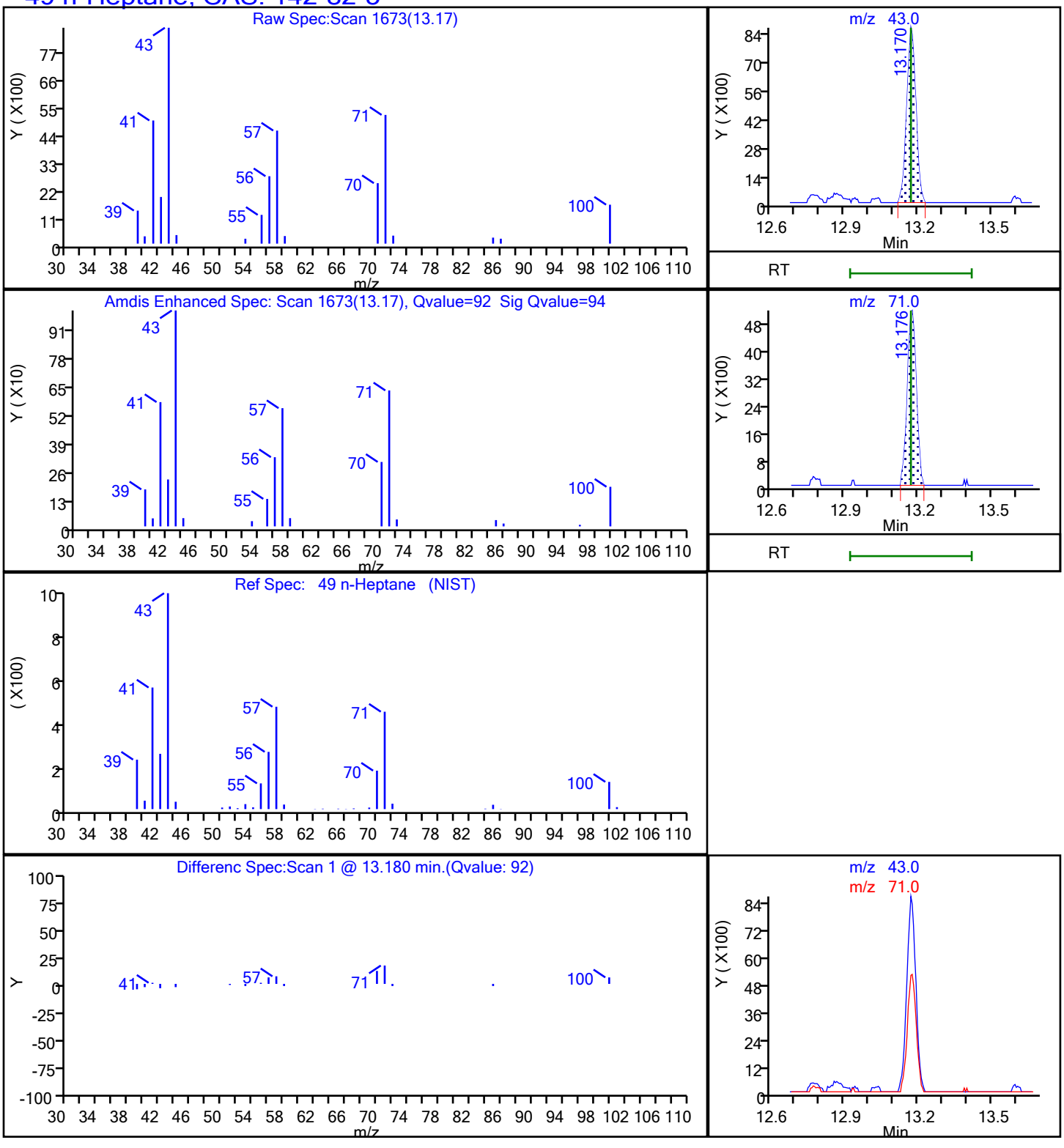
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5



Eurofins TestAmerica, Burlington

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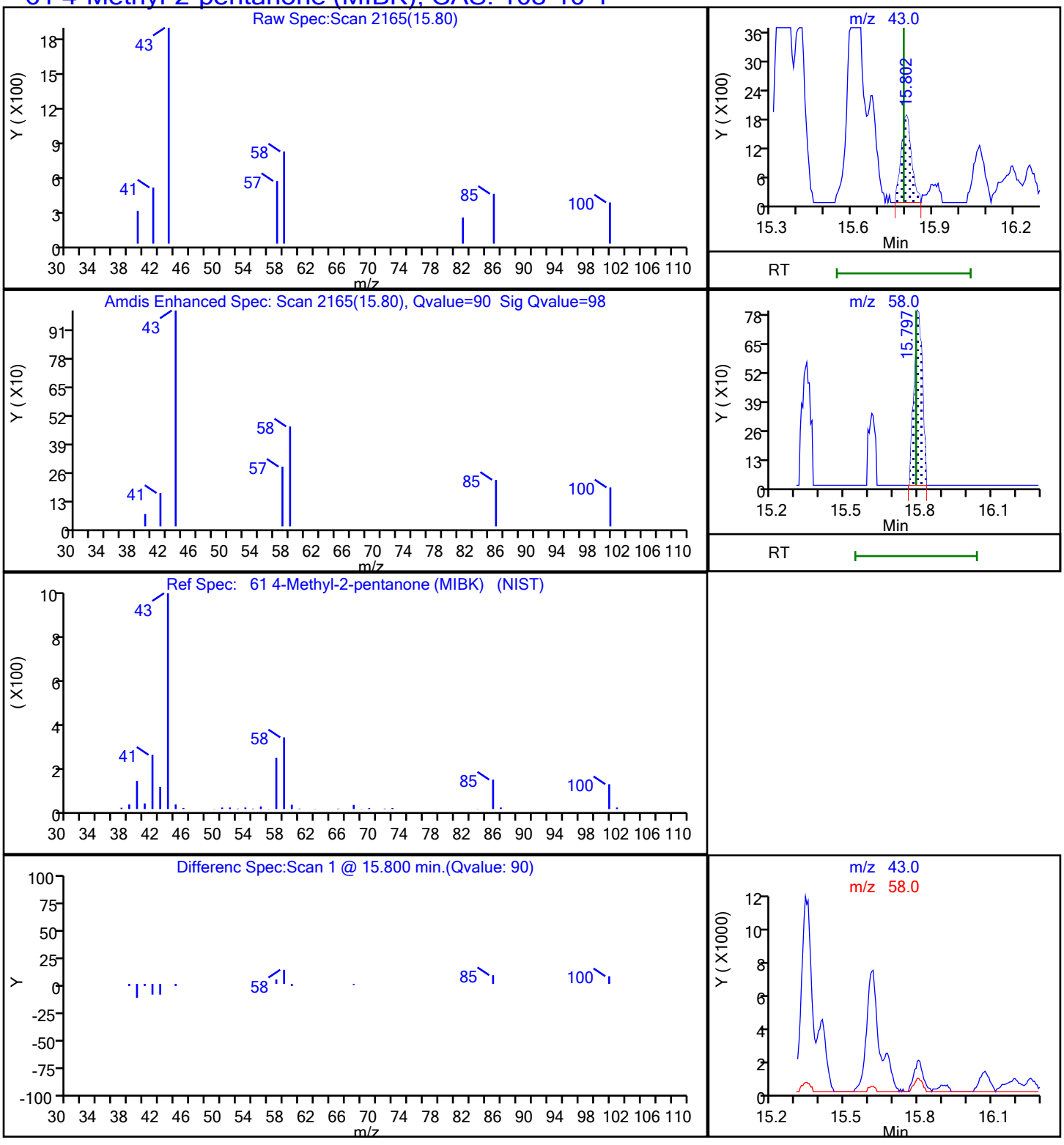
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



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Eurofins TestAmerica, Burlington

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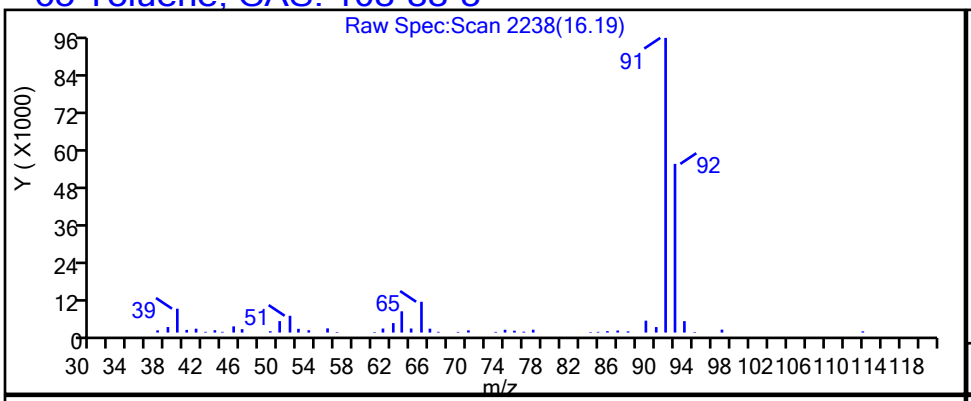
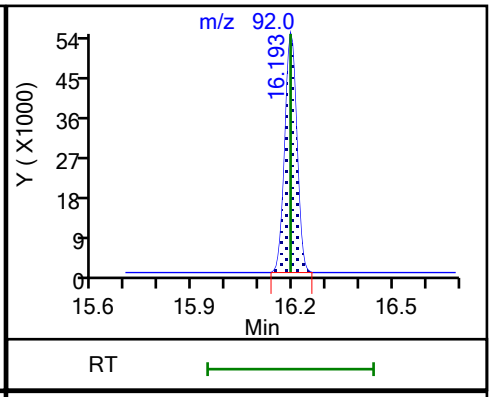
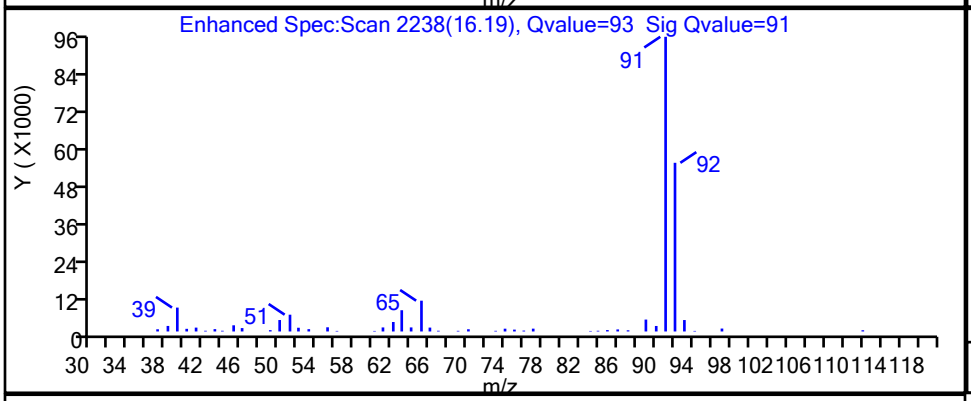
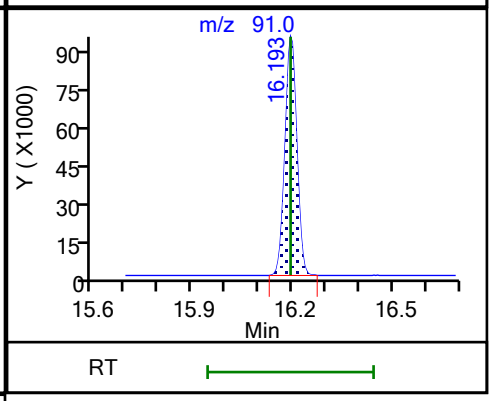
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

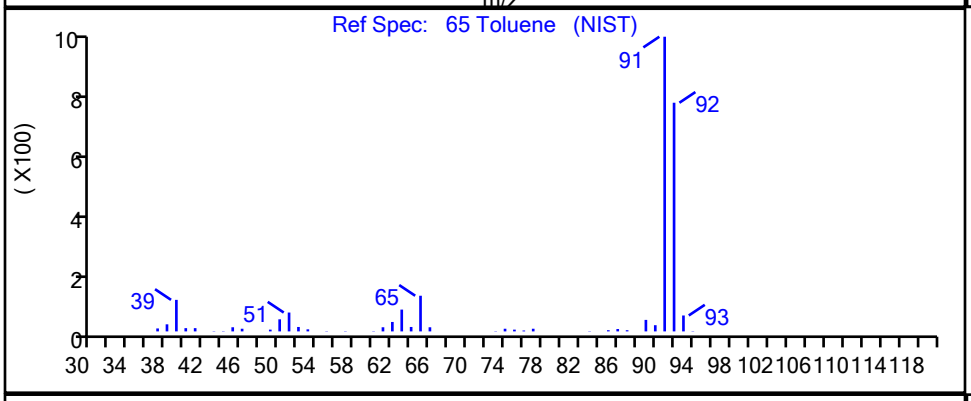
65 Toluene, CAS: 108-88-3

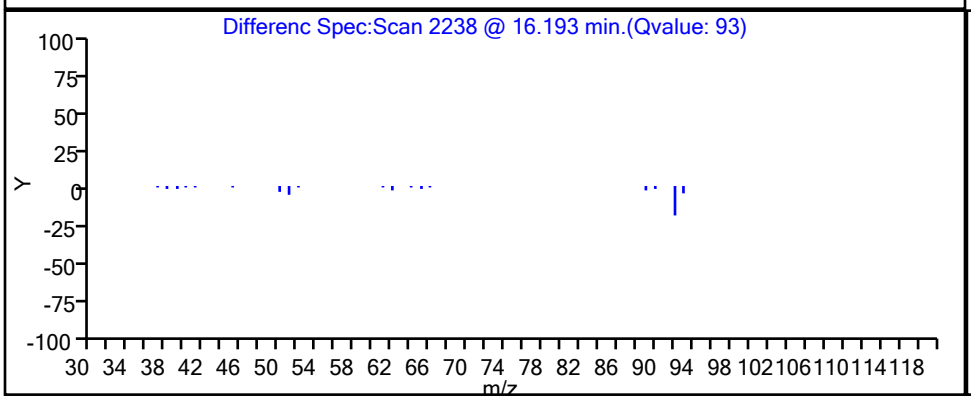


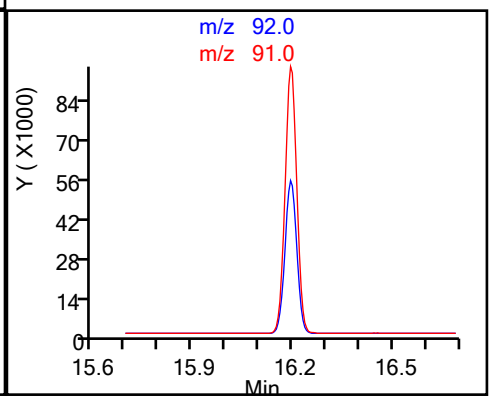












Eurofins TestAmerica, Burlington

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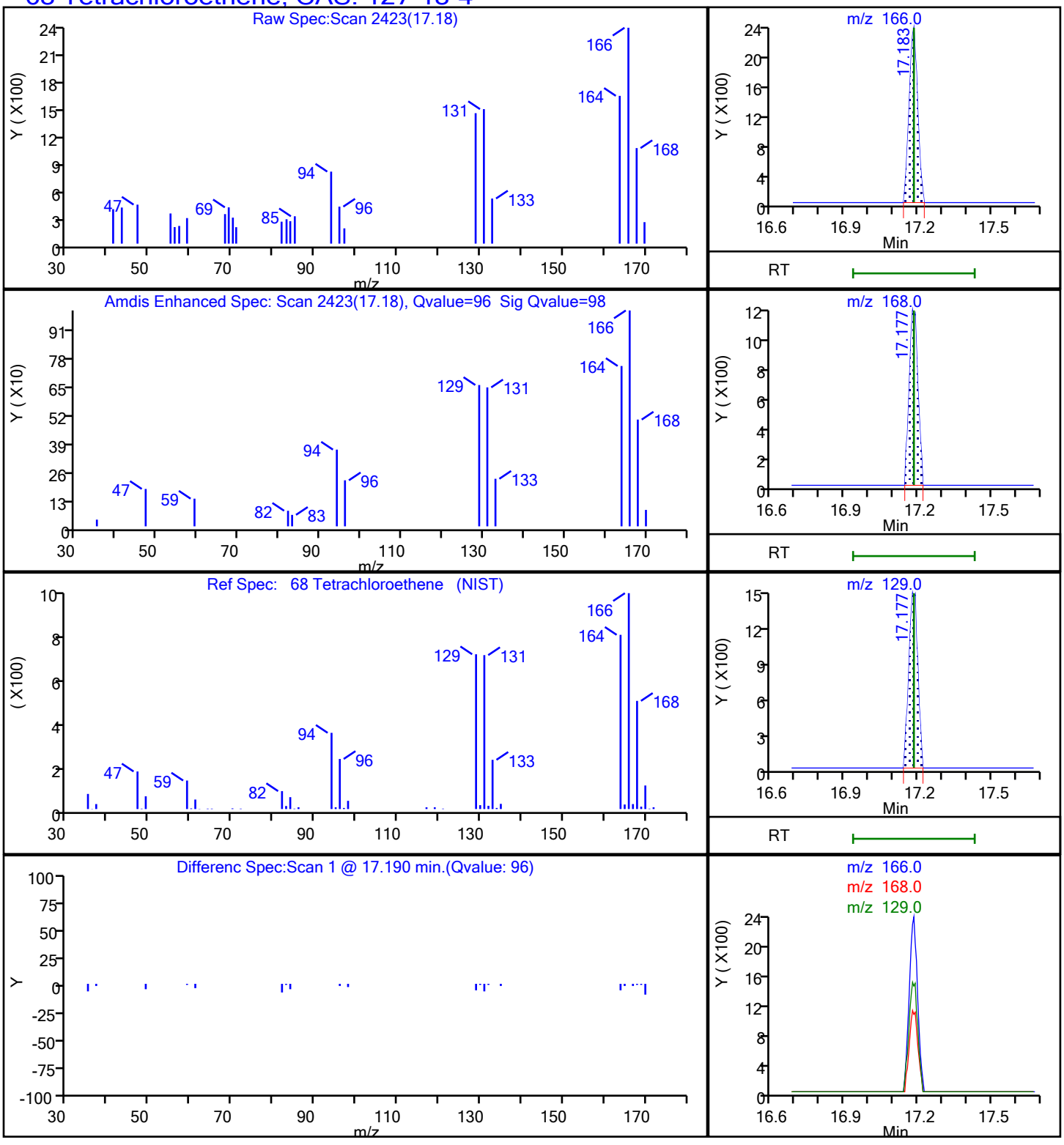
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4



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Eurofins TestAmerica, Burlington

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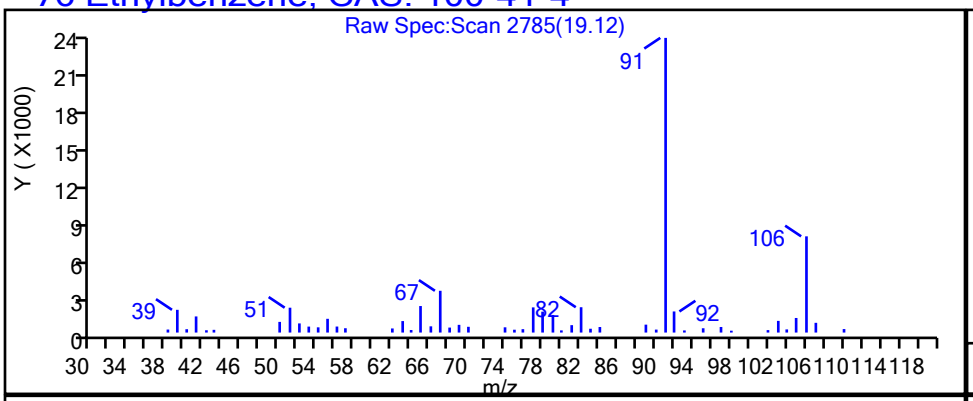
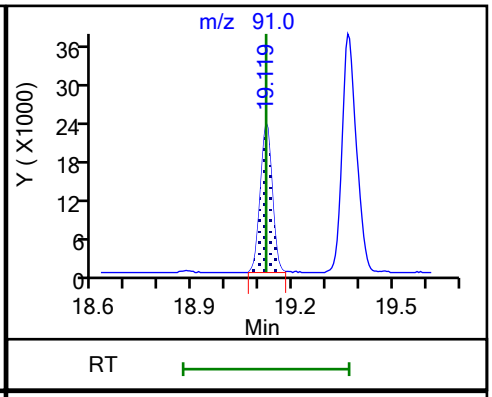
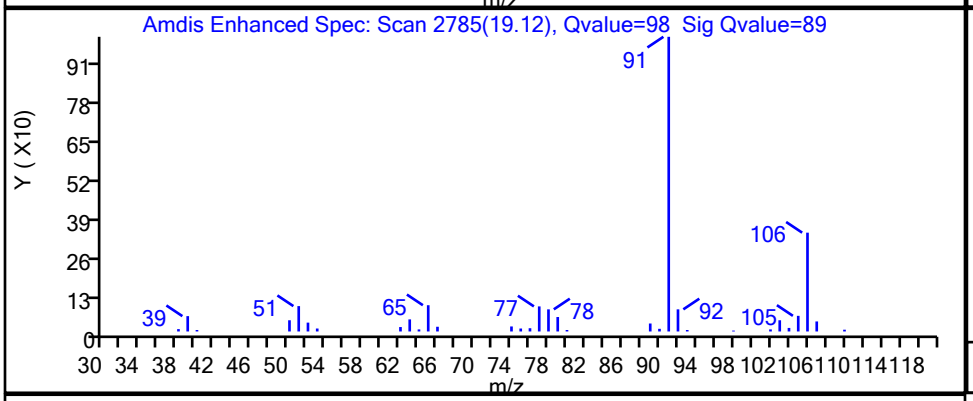
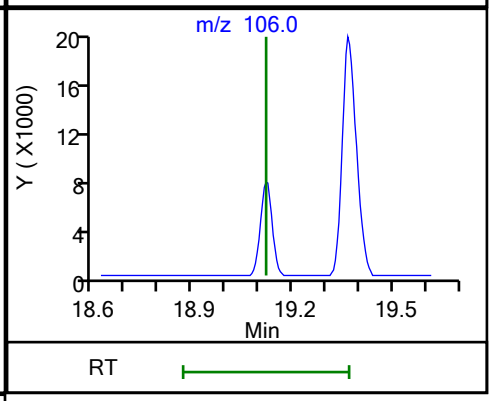
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

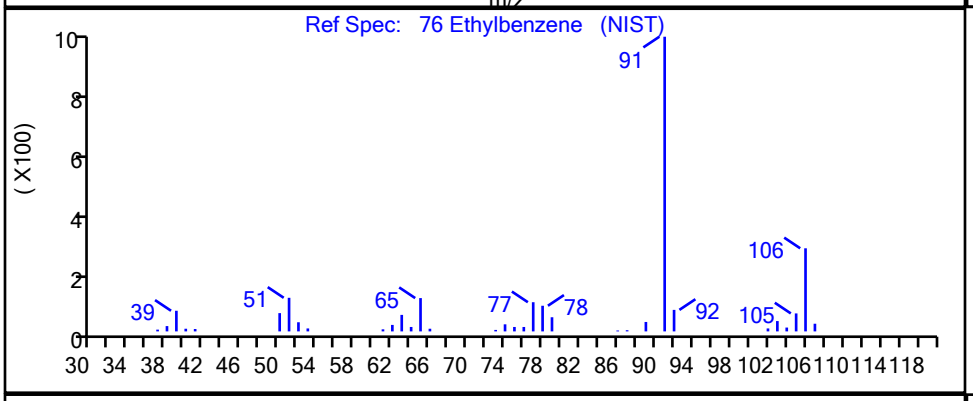
76 Ethylbenzene, CAS: 100-41-4

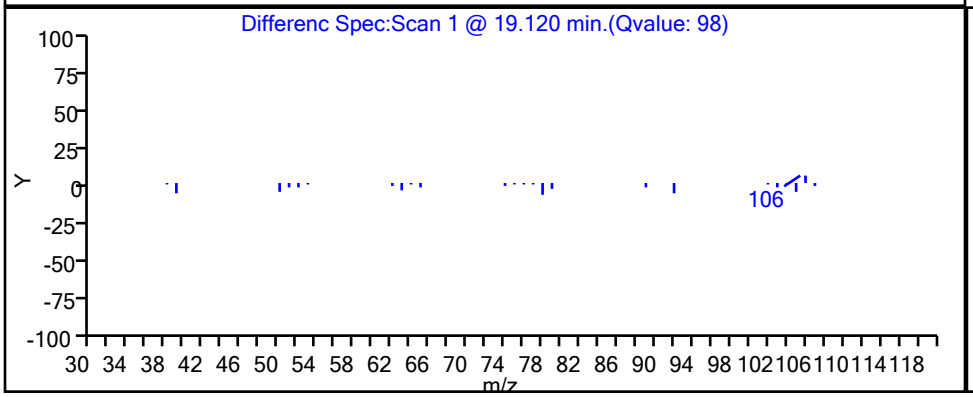


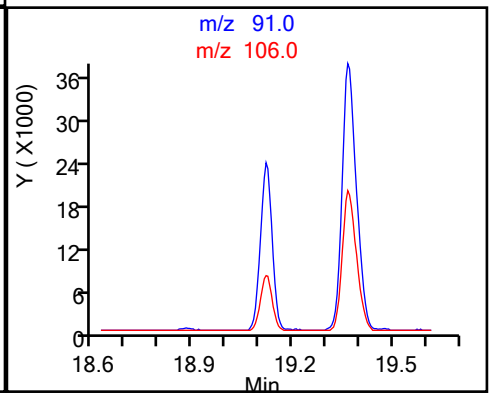












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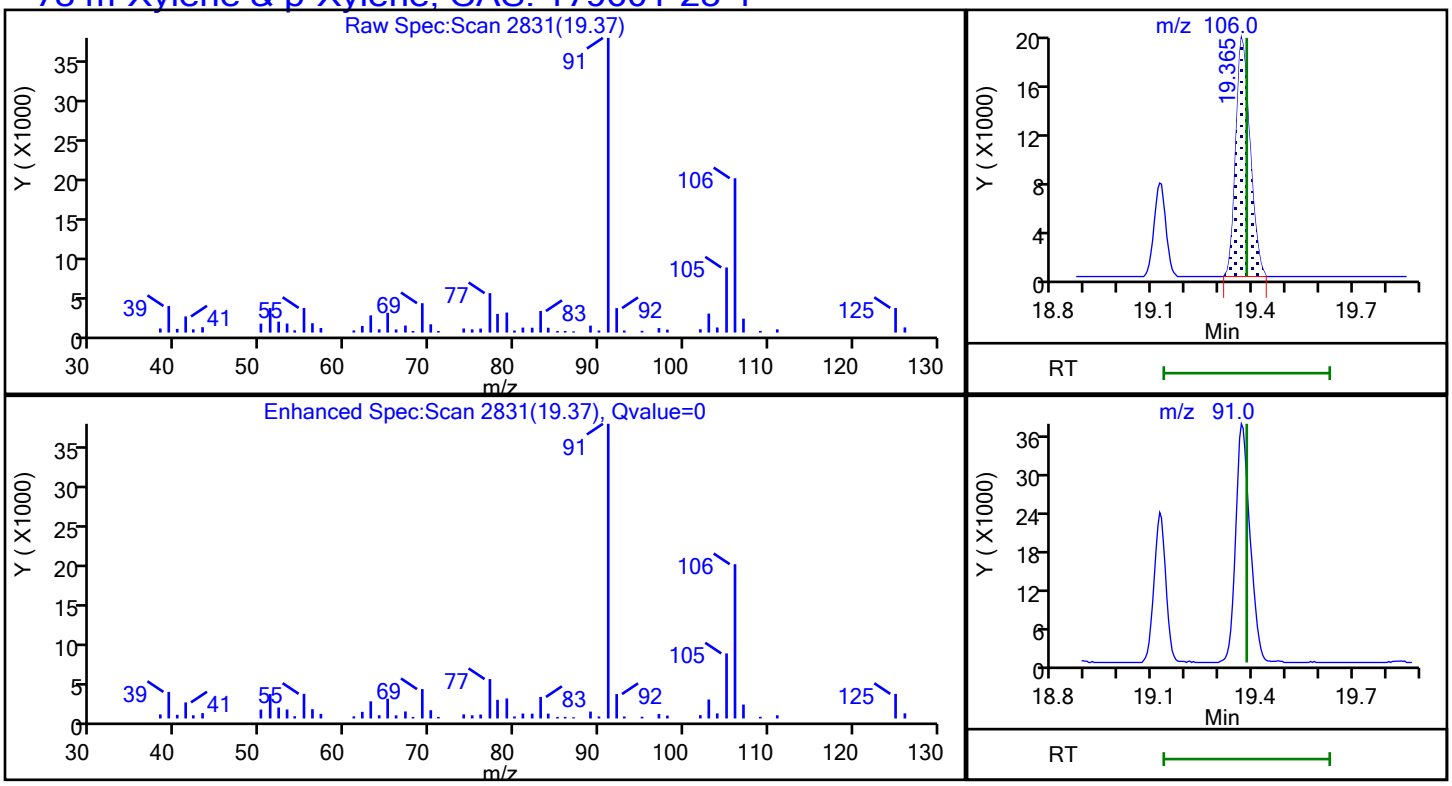
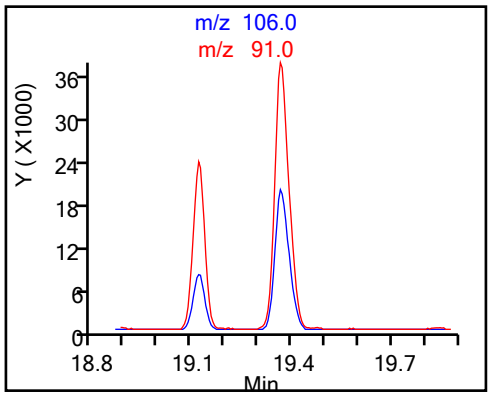
Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 m-Xylene & p-Xylene, CAS: 179601-23-1





Eurofins TestAmerica, Burlington

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Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
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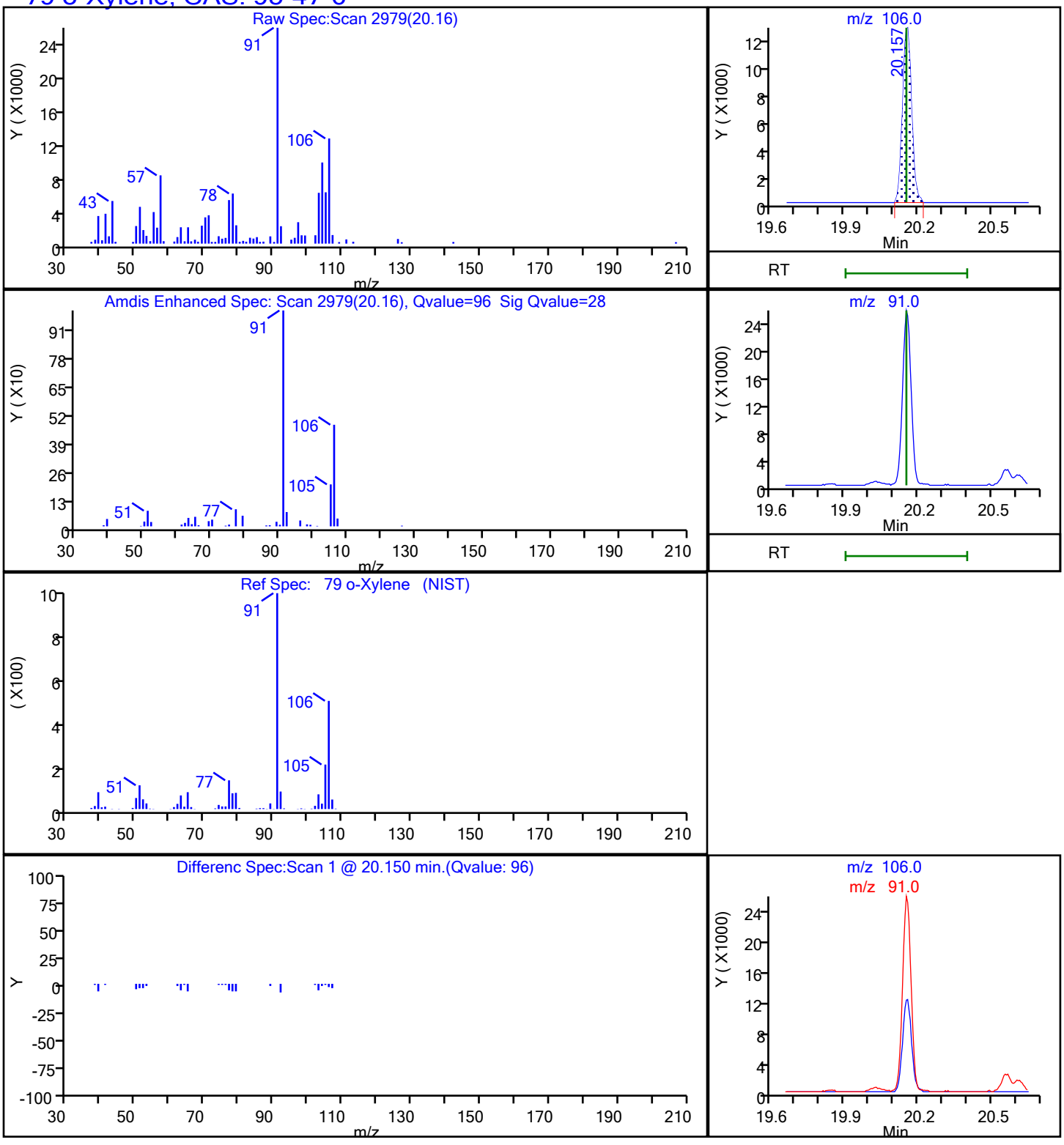
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 o-Xylene, CAS: 95-47-6



Eurofins TestAmerica, Burlington

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Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
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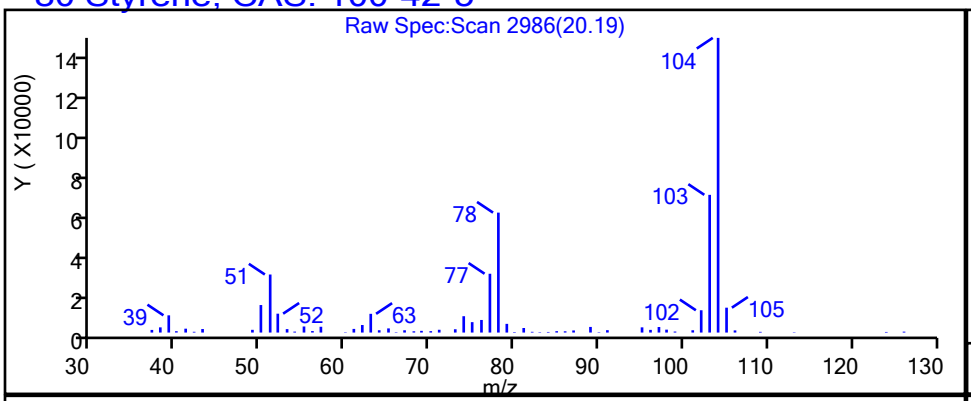
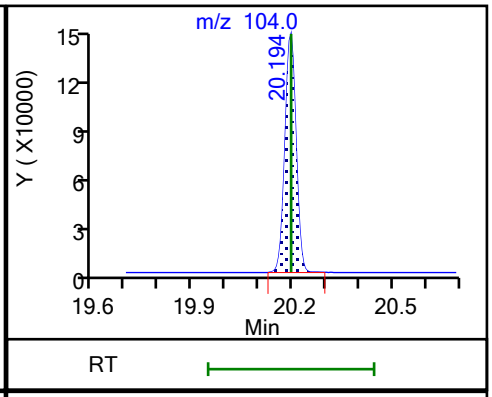
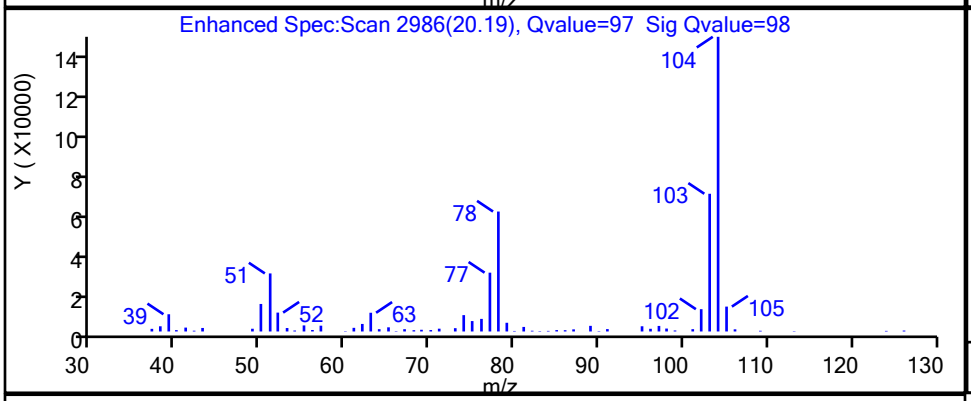
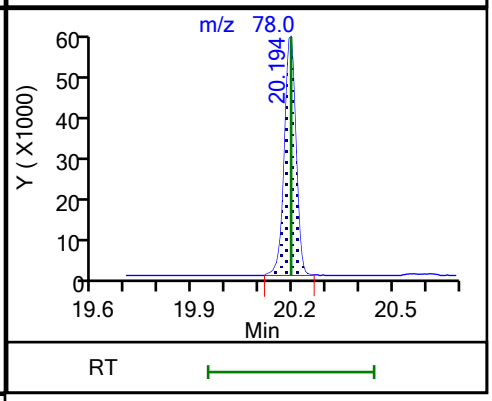
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

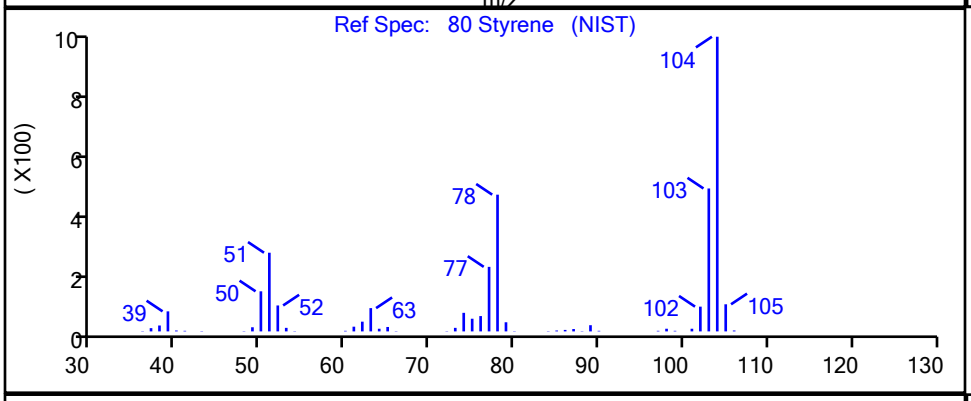
80 Styrene, CAS: 100-42-5

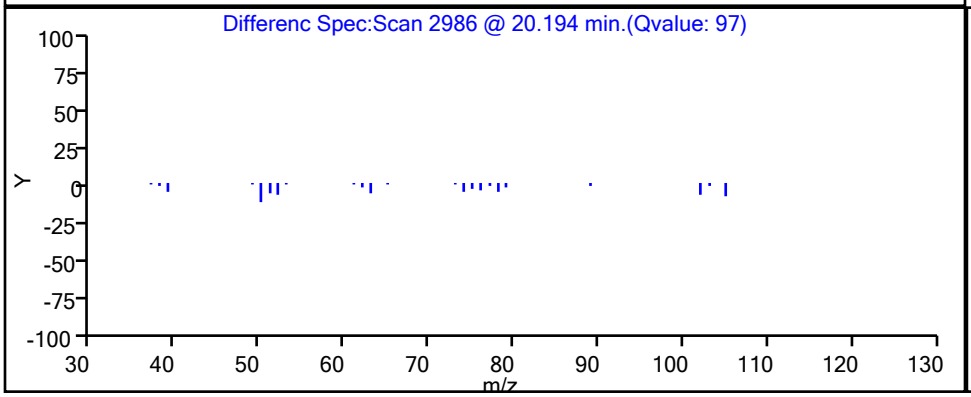


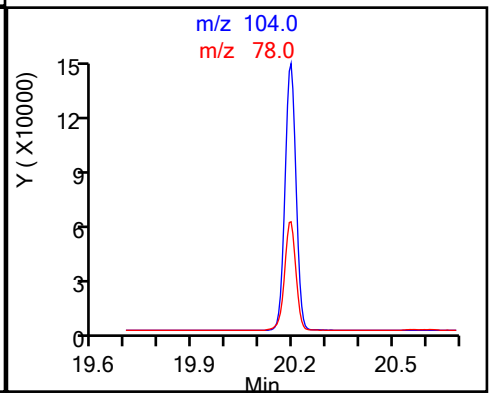










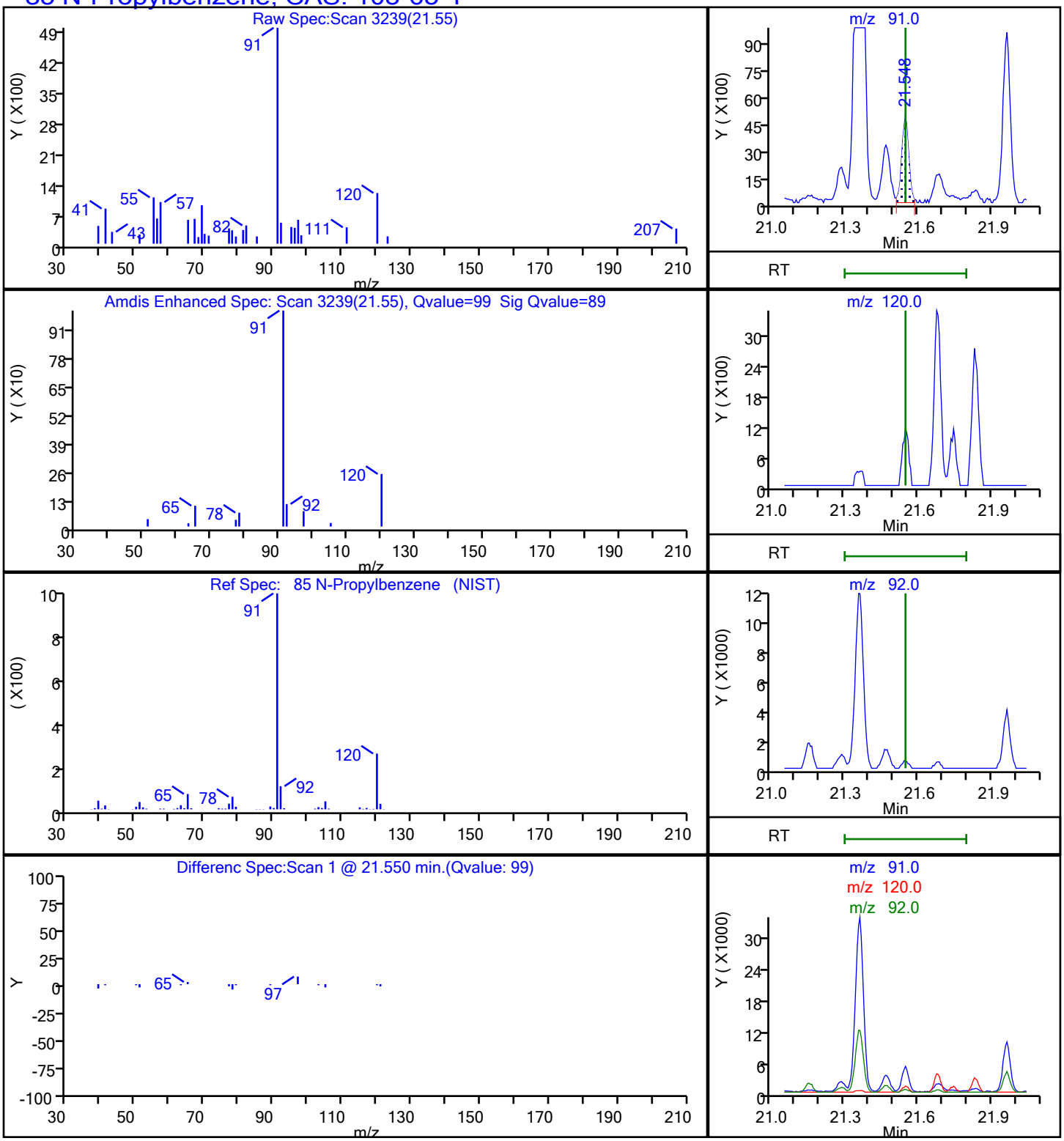


Report Date: 03-May-2021 12:36:41 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1

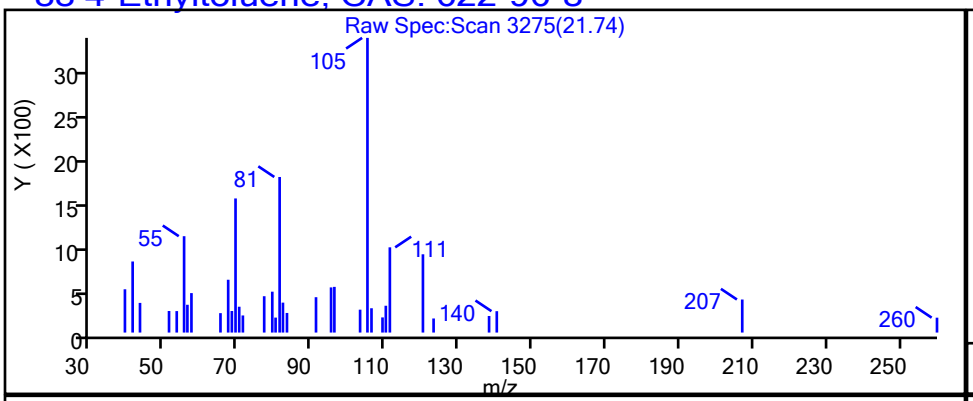


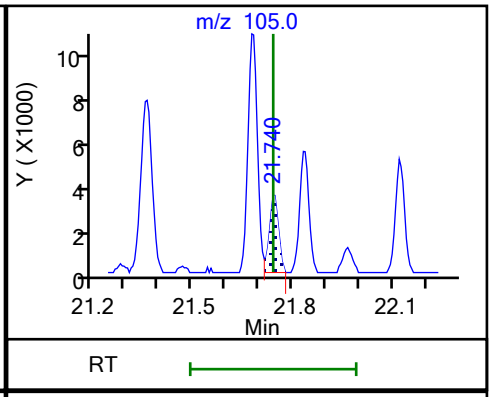
Report Date: 03-May-2021 12:36:41 Chrom Revision: 2.3 08-Apr-2021 17:17:48

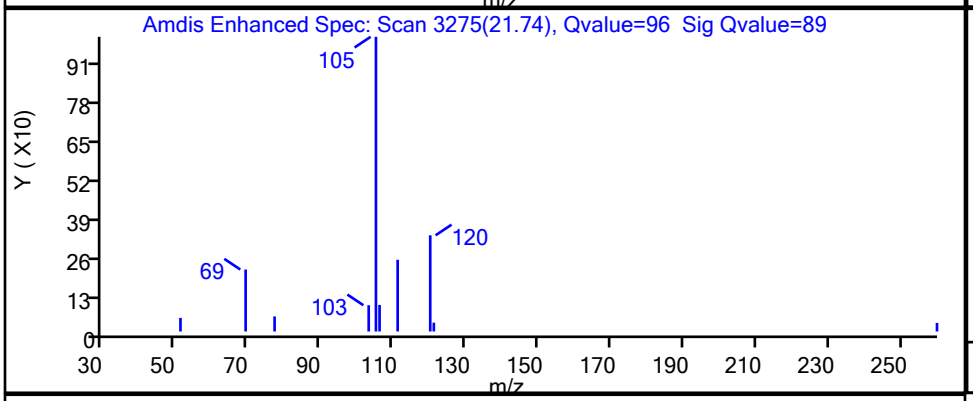
Eurofins TestAmerica, Burlington

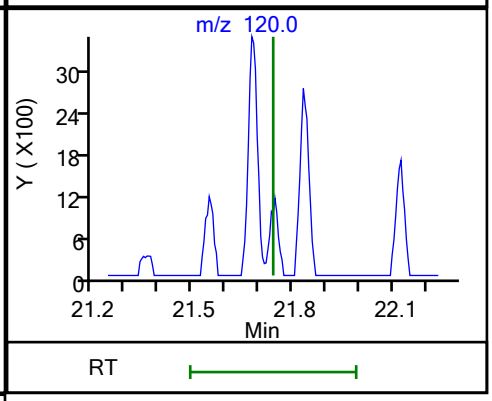
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

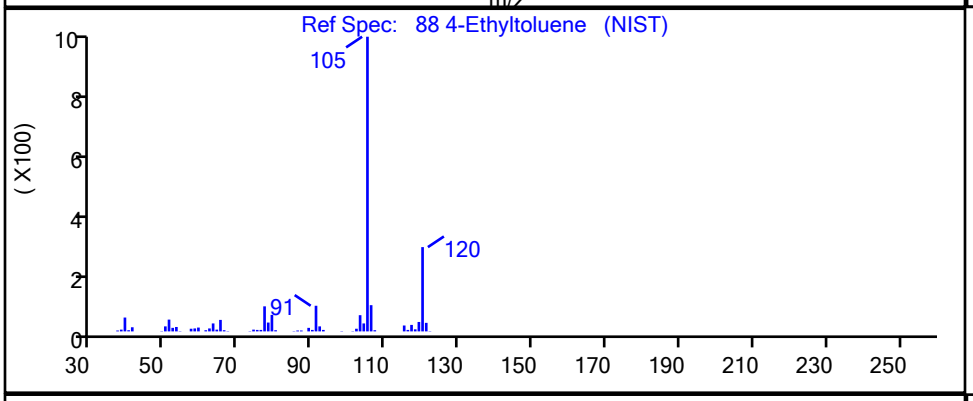
88 4-Ethyltoluene, CAS: 622-96-8

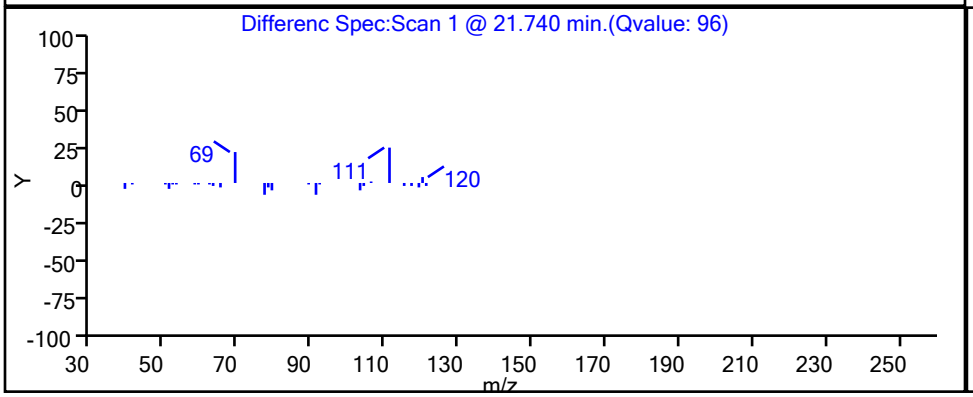


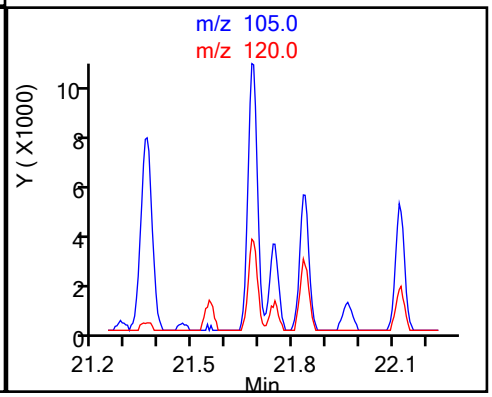








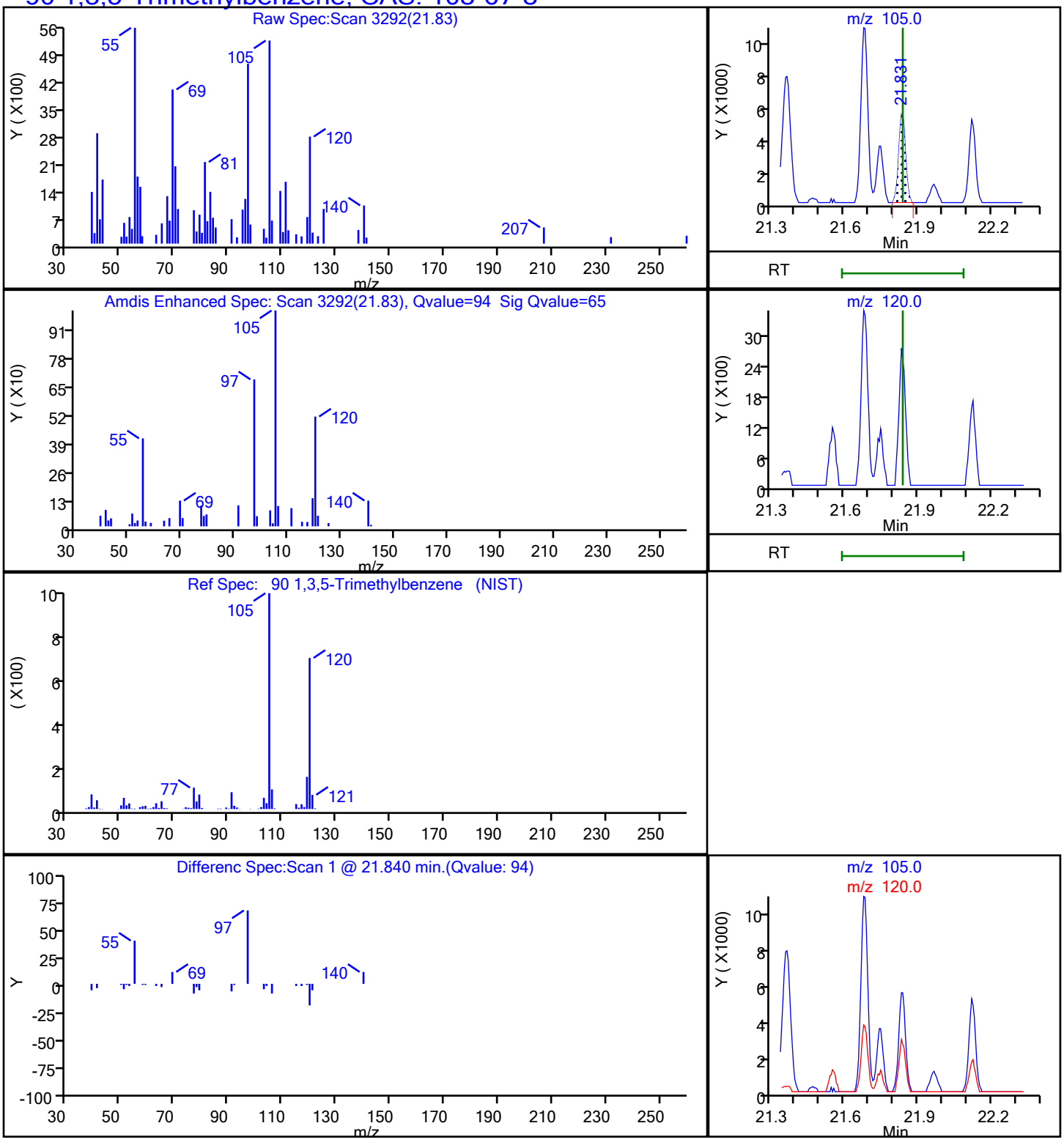




Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,3,5-Trimethylbenzene, CAS: 108-67-8

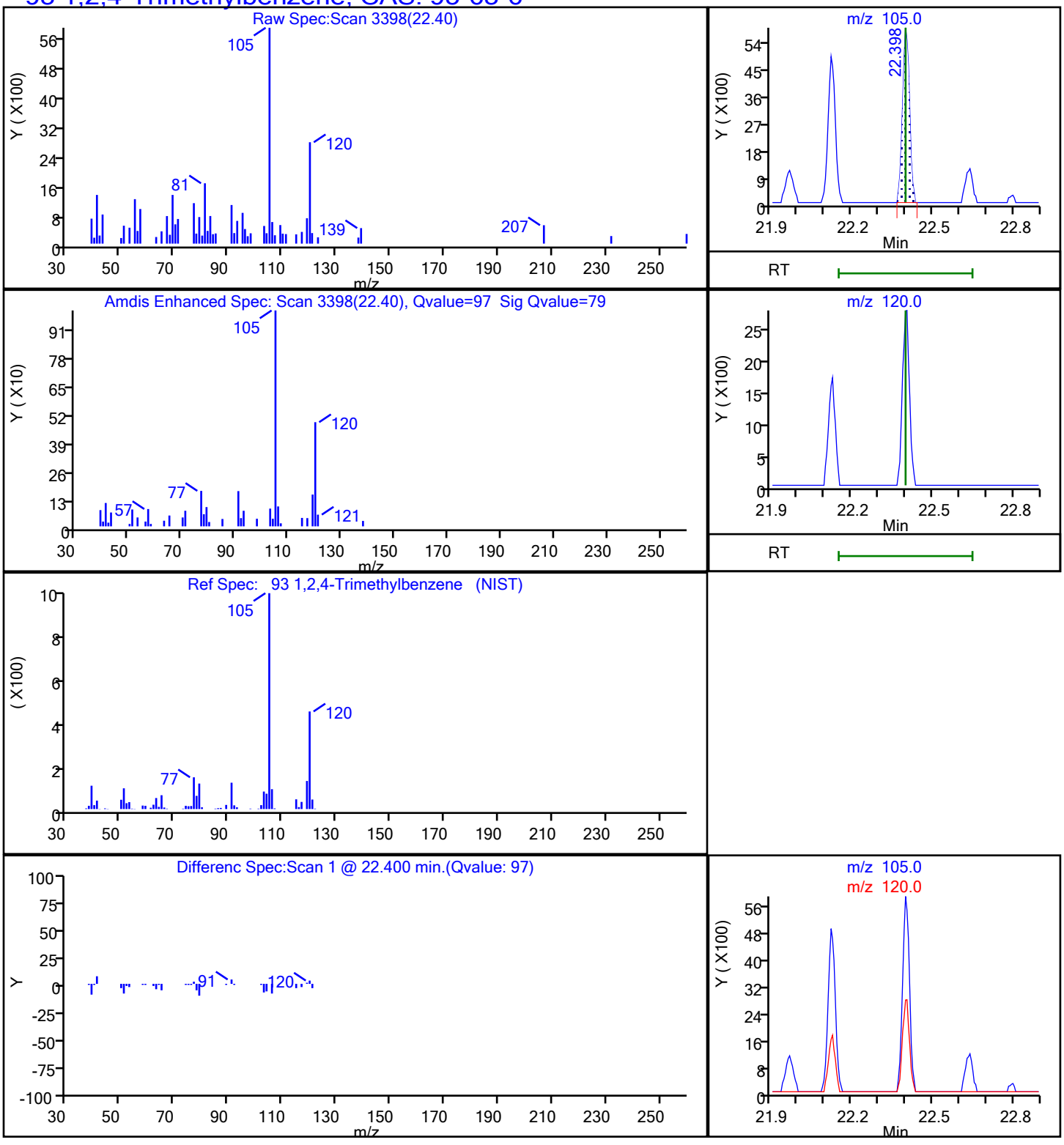


Report Date: 03-May-2021 12:36:41 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

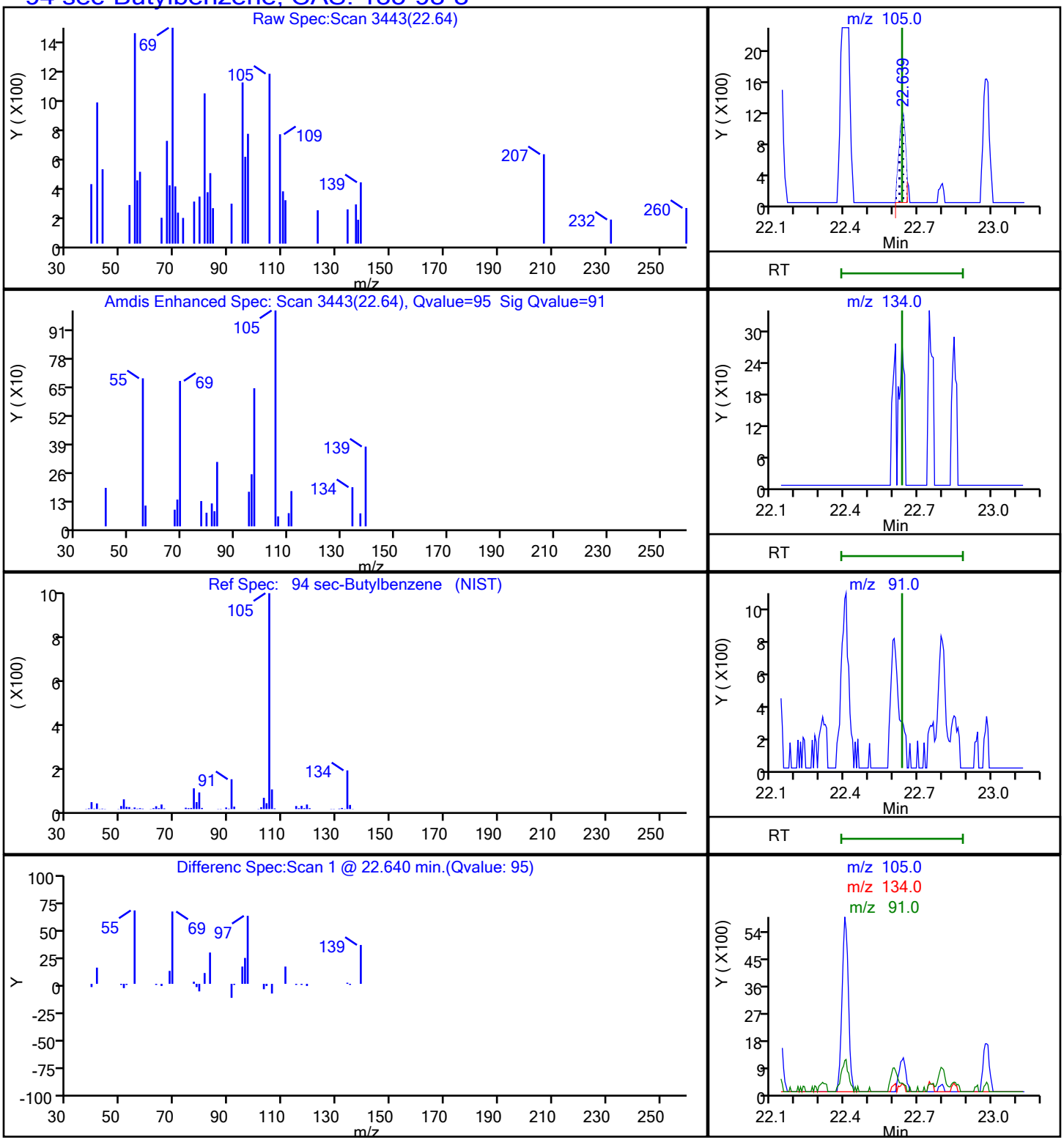
93 1,2,4-Trimethylbenzene, CAS: 95-63-6



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

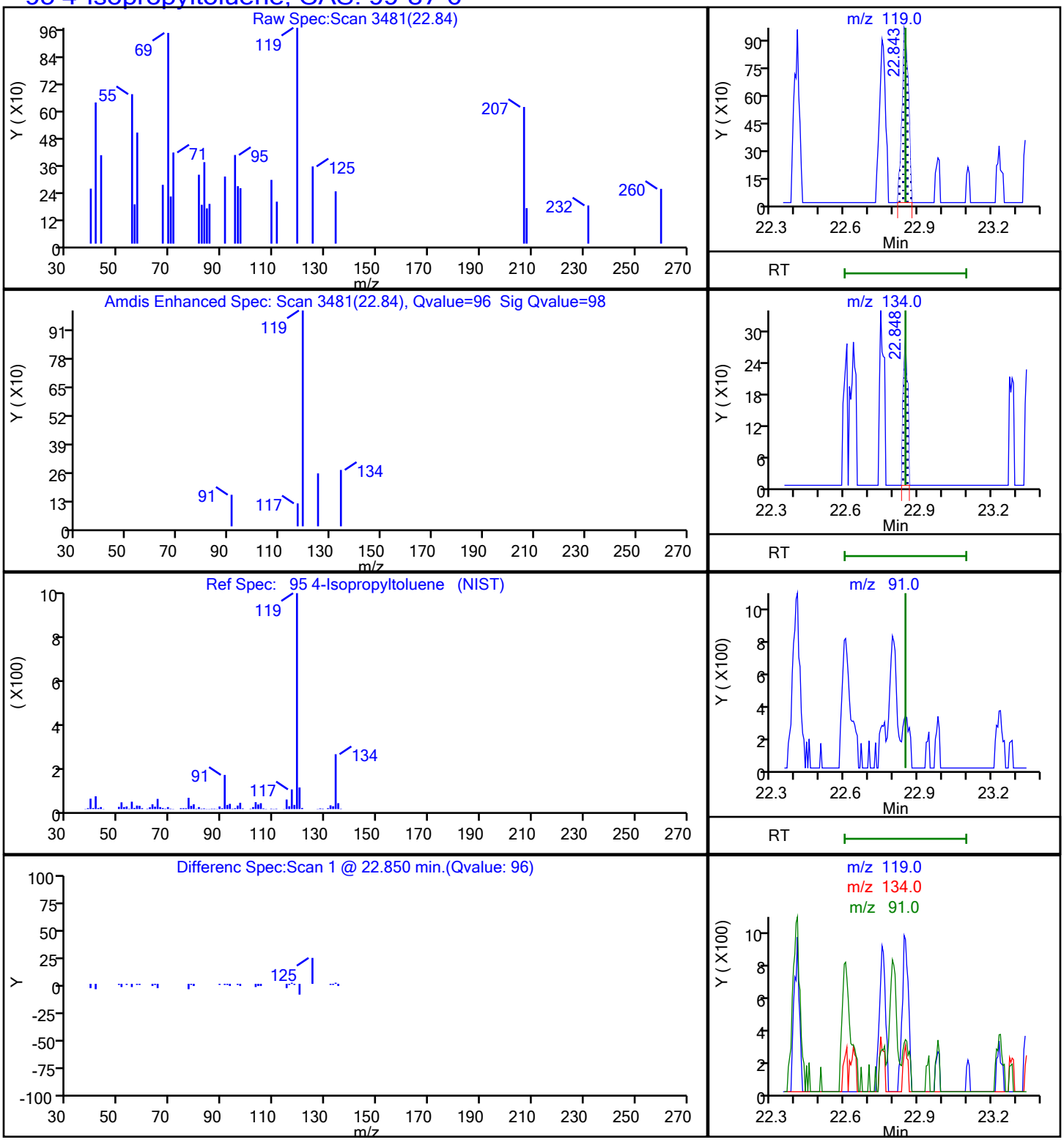
94 sec-Butylbenzene, CAS: 135-98-8



Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 4-Isopropyltoluene, CAS: 99-87-6



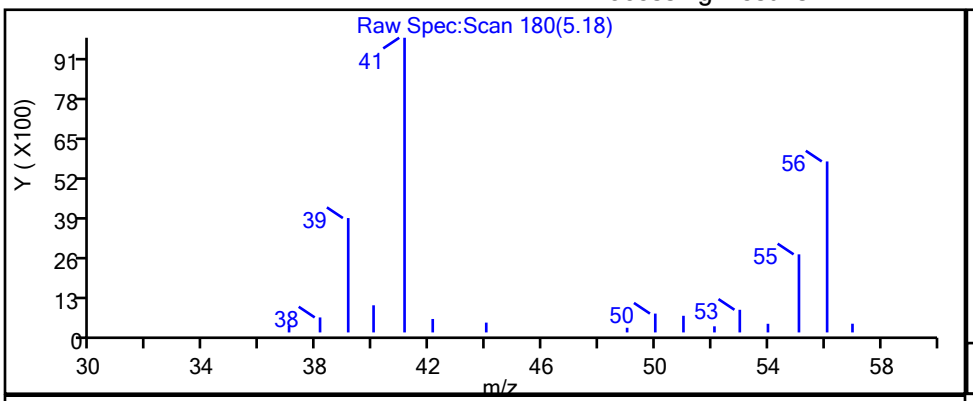
User Disabled Compound Report

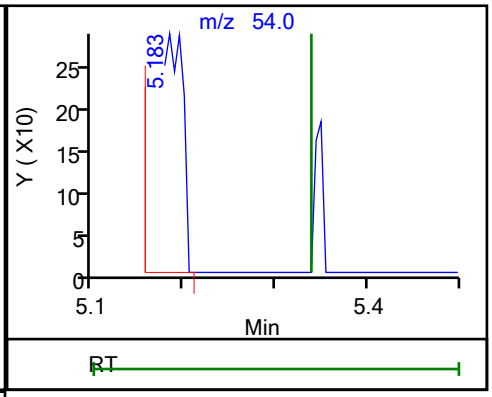
Eurofins TestAmerica, Burlington

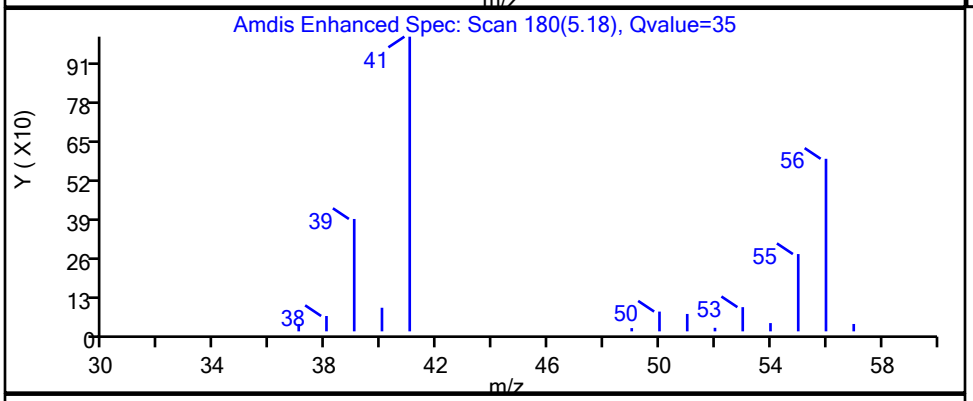
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

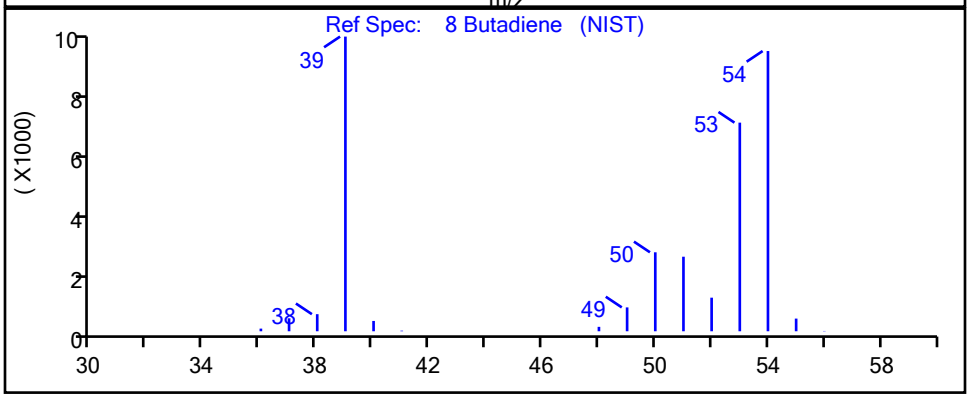
8 Butadiene, CAS: 106-99-0

Processing Results









RT	Mass	Response	Amount
5.18	54.00	518	0.077098

Reviewer: bunmaa, 03-May-2021 12:29:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

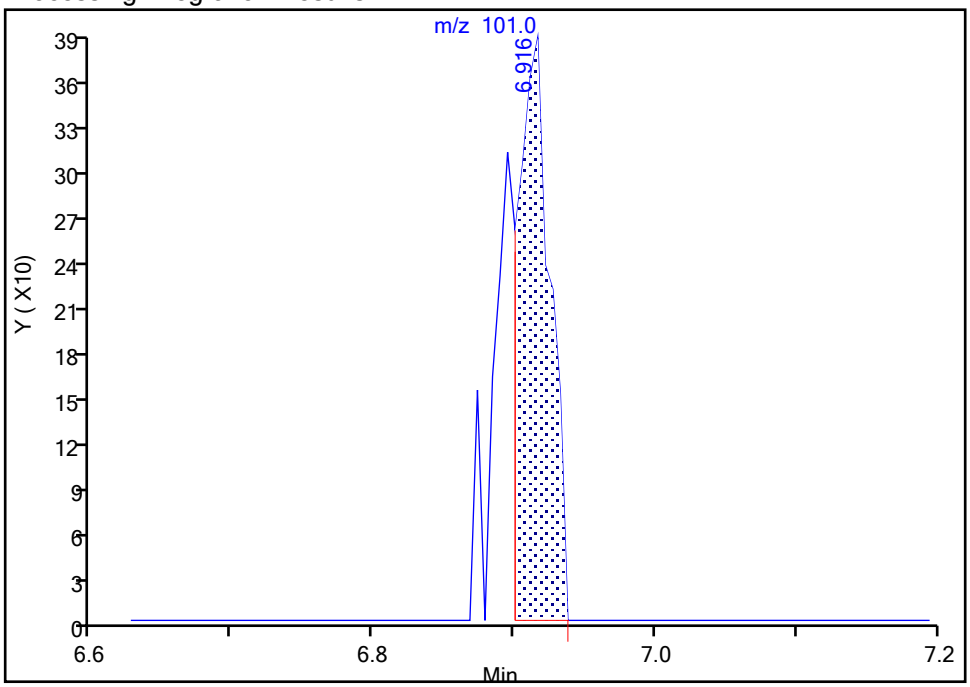
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

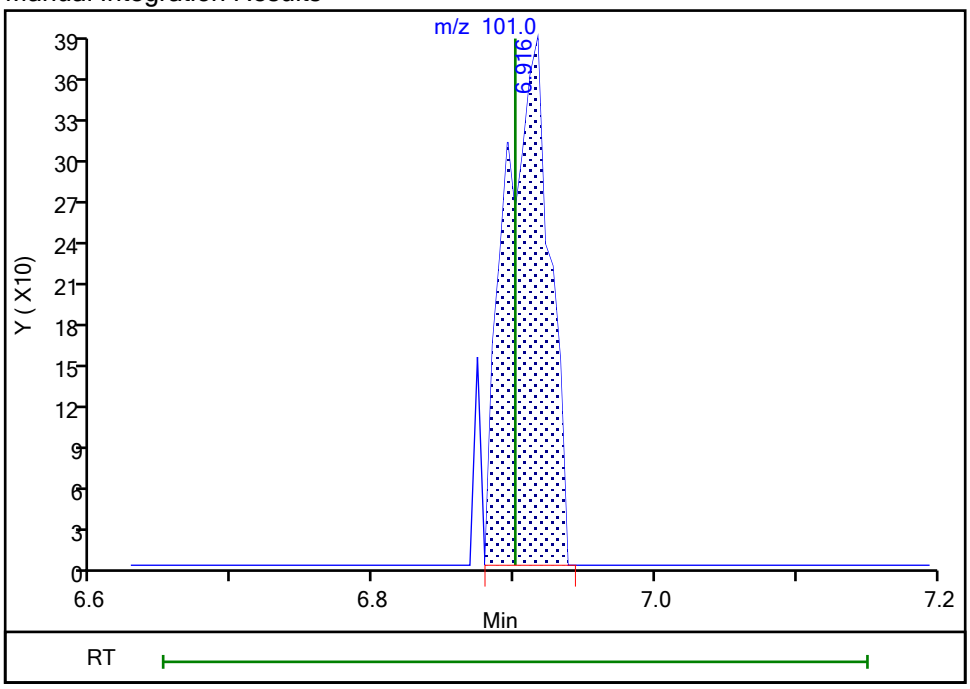
Processing Integration Results

RT: 6.92
Area: 615
Amount: 0.030520
Amount Units: ppb v/v



Manual Integration Results

RT: 6.92
Area: 840
Amount: 0.041686
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 12:29:48

Audit Action: Manually Integrated Audit Reason: Assign Peak

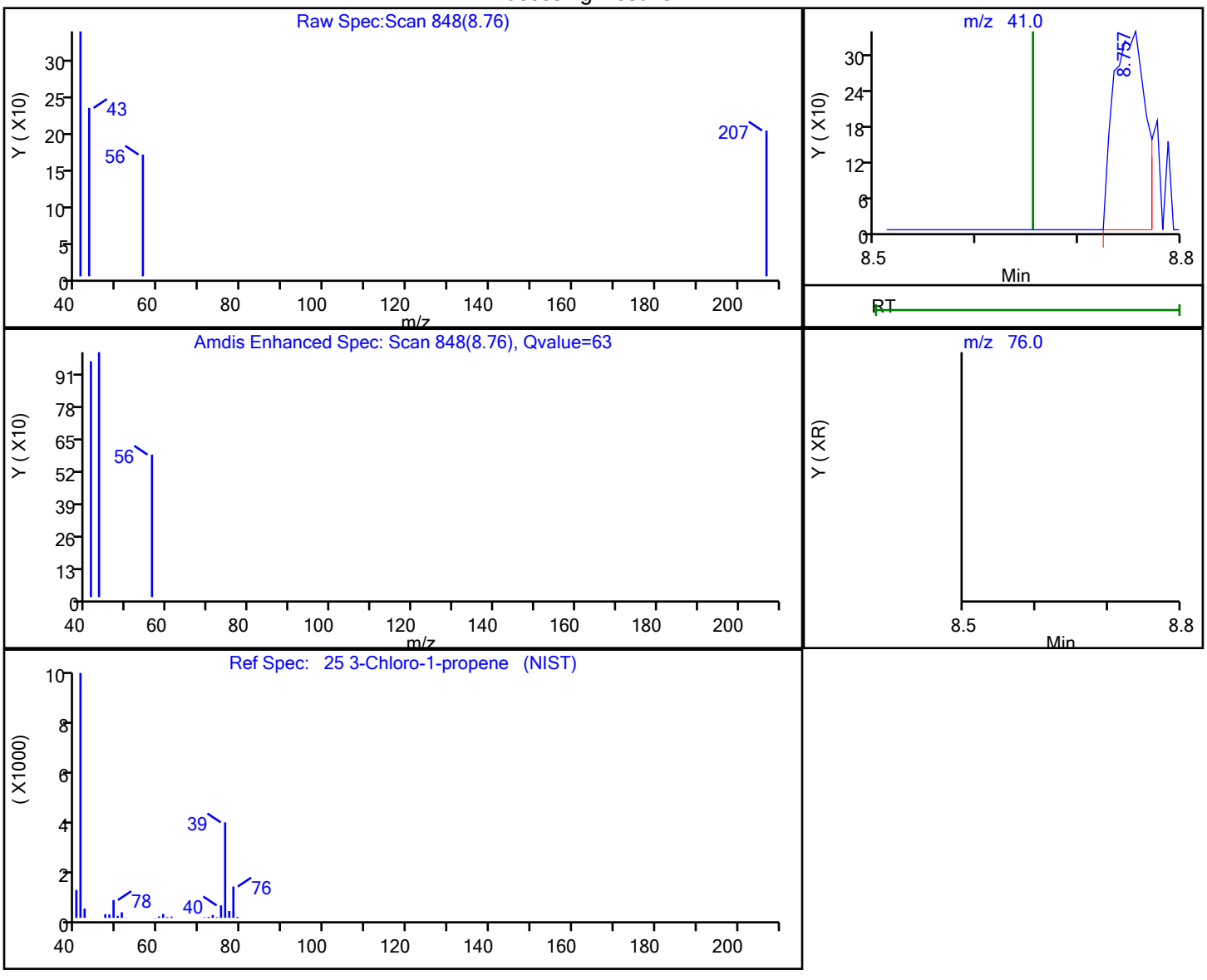
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

25 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
8.76	41.00	733	0.094329
8.66	76.00	0	

Reviewer: bunmaa, 03-May-2021 12:30:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

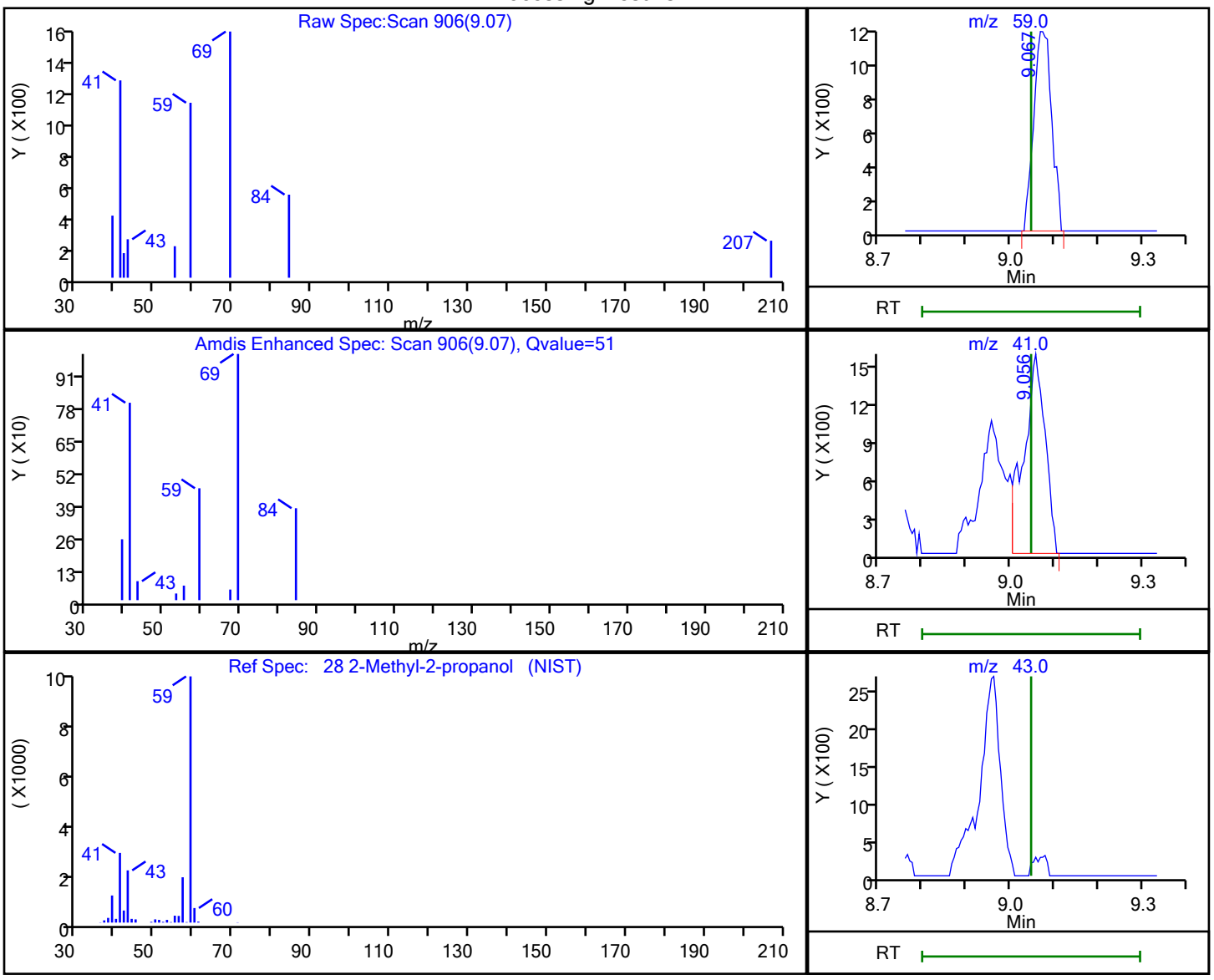
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

28 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
9.07	59.00	3183	0.232051
9.06	41.00	5176	
9.05	43.00	0	

Reviewer: bunmaa, 03-May-2021 12:30:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

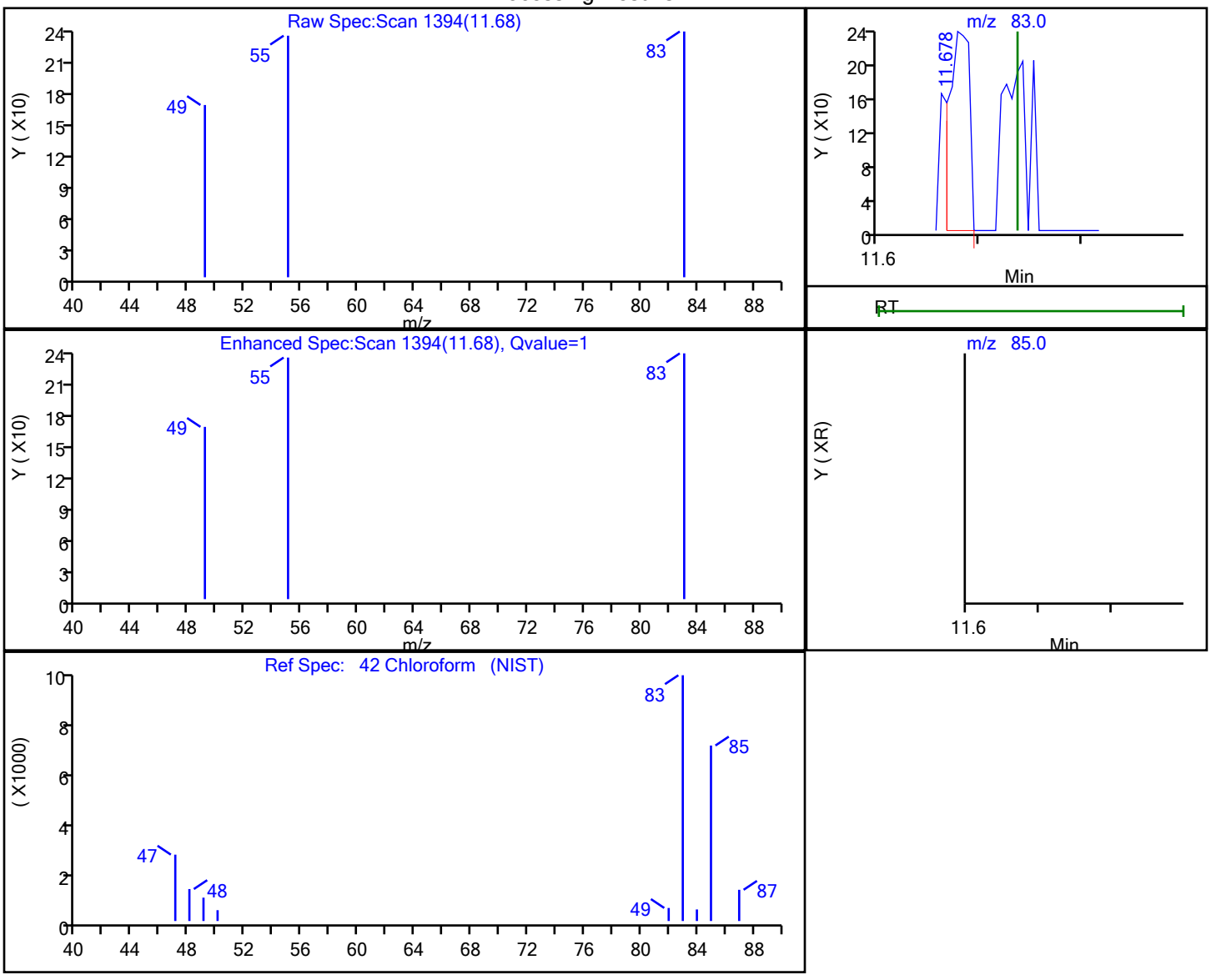
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
11.68	83.00	322	0.020245
11.74	85.00	0	

Reviewer: bunmaa, 03-May-2021 12:31:03

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

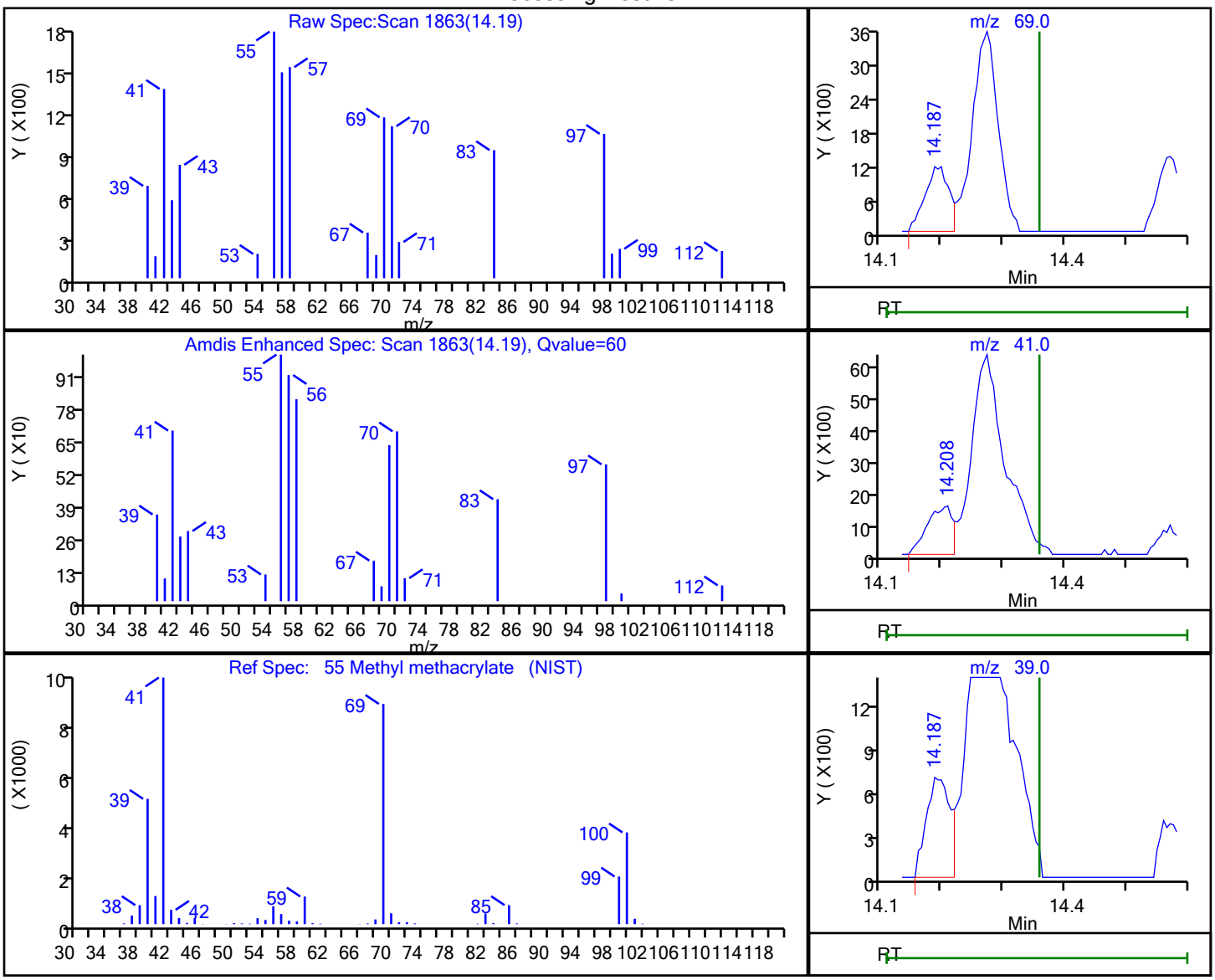
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

55 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
14.19	69.00	3177	0.386765
14.21	41.00	4397	
14.19	39.00	1826	

Reviewer: bunmaa, 03-May-2021 12:31:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

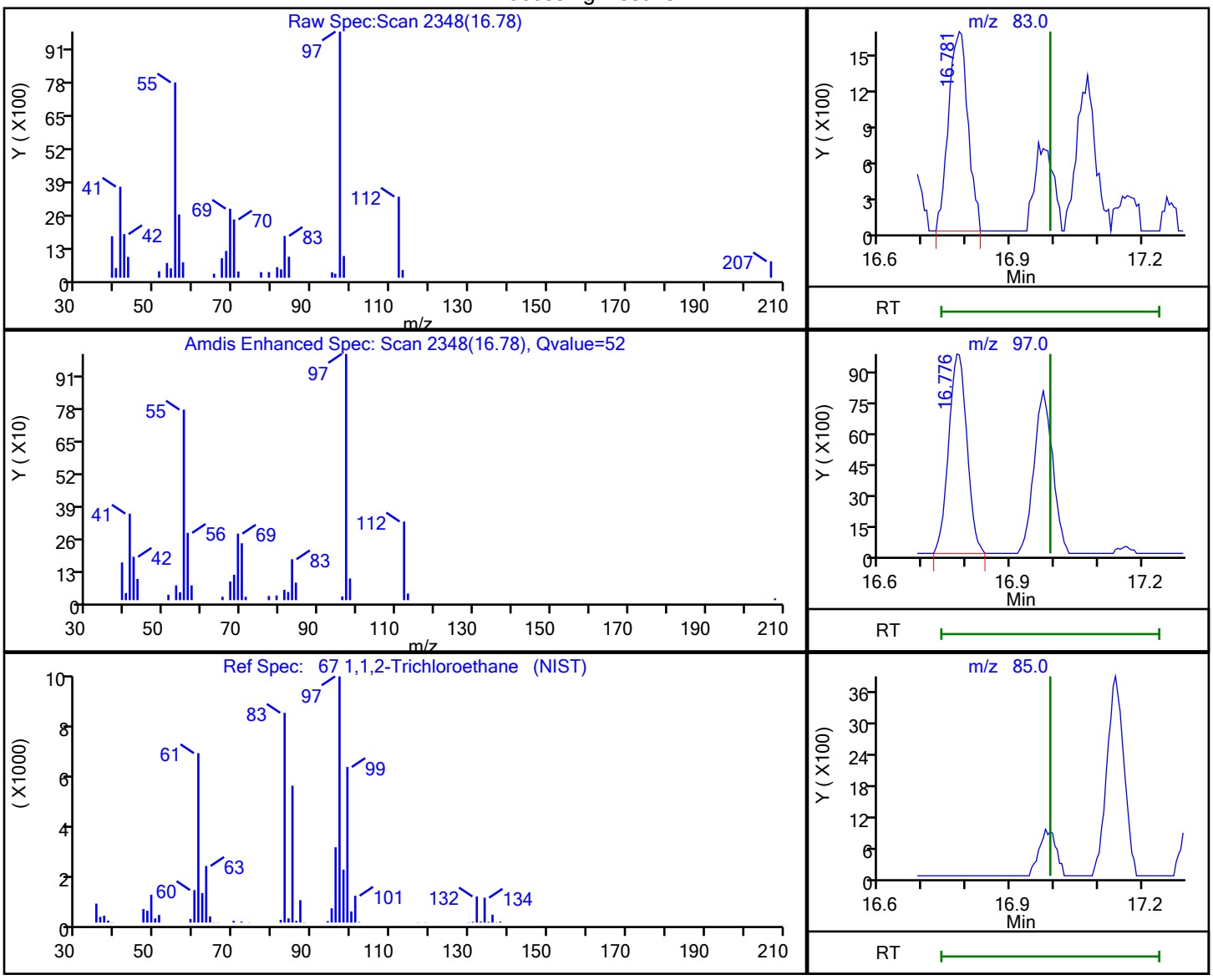
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
16.78	83.00	5117	0.621367
16.78	97.00	28621	
16.99	85.00	0	

Reviewer: bunmaa, 03-May-2021 12:31:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

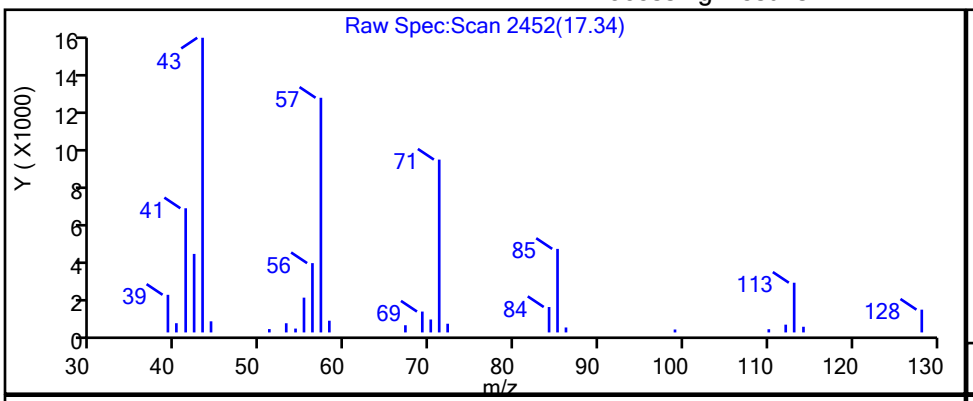
User Disabled Compound Report

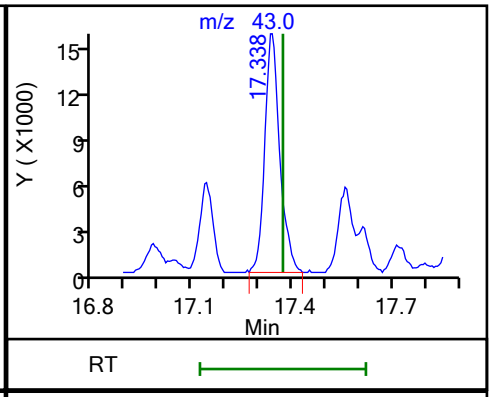
Eurofins TestAmerica, Burlington

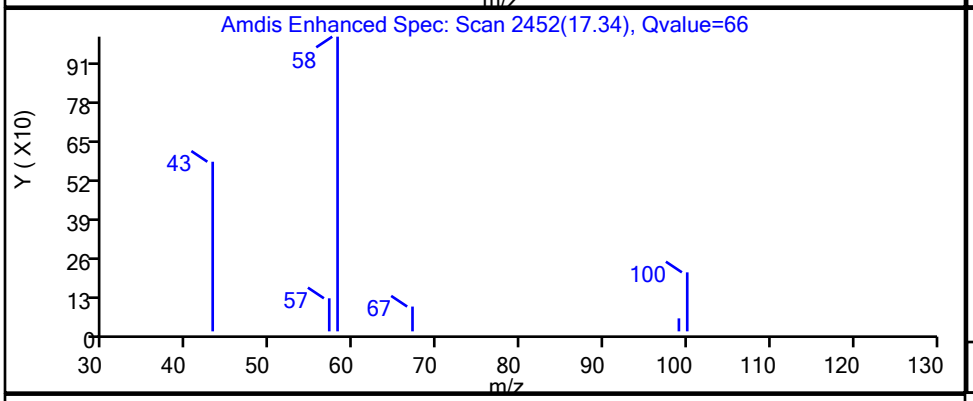
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

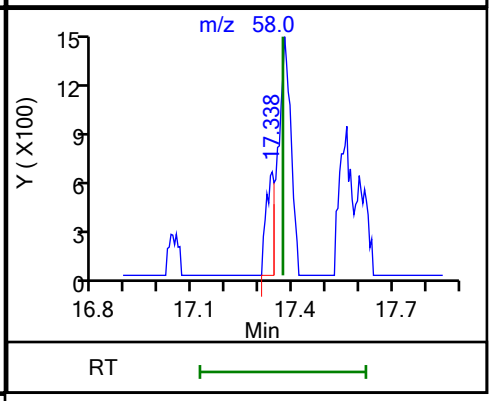
69 2-Hexanone, CAS: 591-78-6

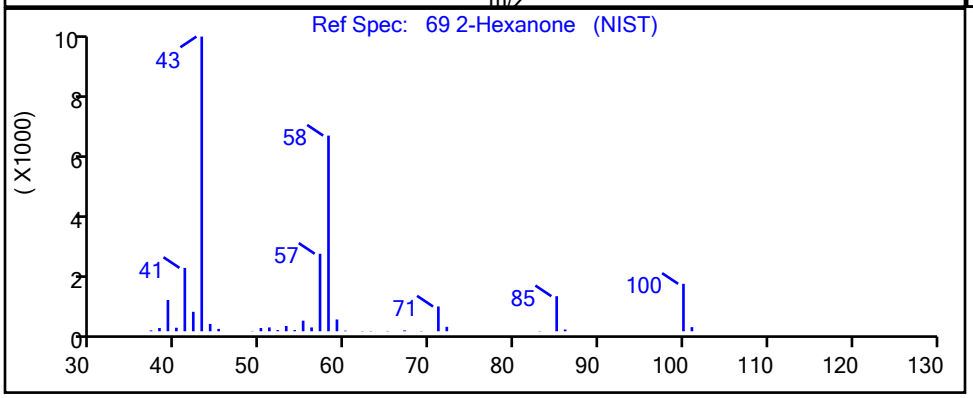
Processing Results











RT	Mass	Response	Amount
17.34	43.00	50108	3.905349
17.34	58.00	1067	

Reviewer: bunmaa, 03-May-2021 12:32:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

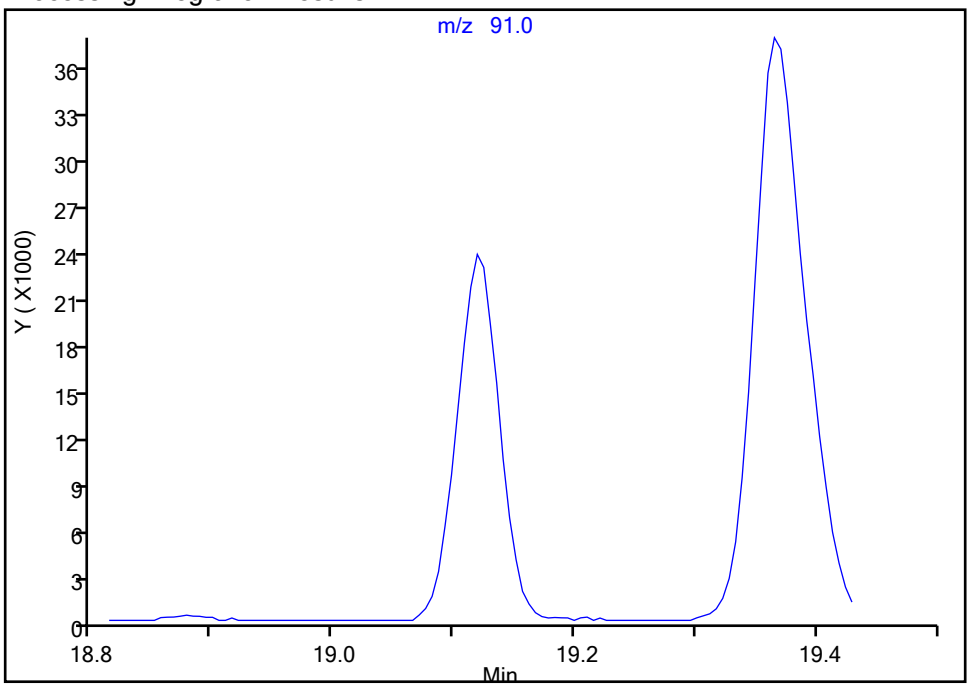
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 Ethylbenzene, CAS: 100-41-4

Signal: 1

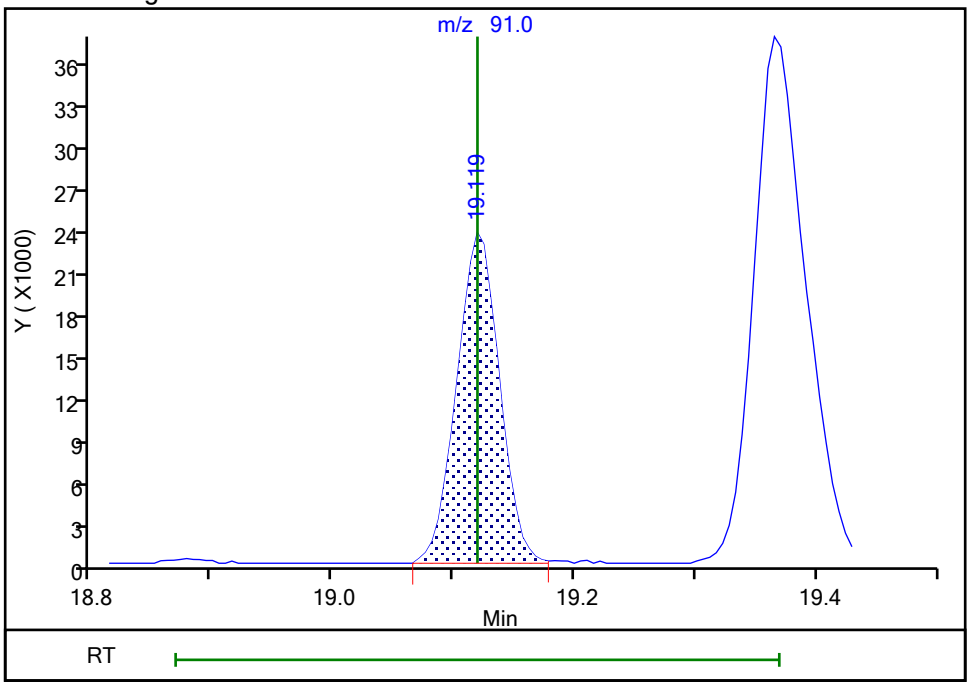
Not Detected
Expected RT: 19.12

Processing Integration Results



Manual Integration Results

RT: 19.12
Area: 58047
Amount: 1.603125
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 12:32:32
Audit Action: Manually Integrated Audit Reason: Assign Peak

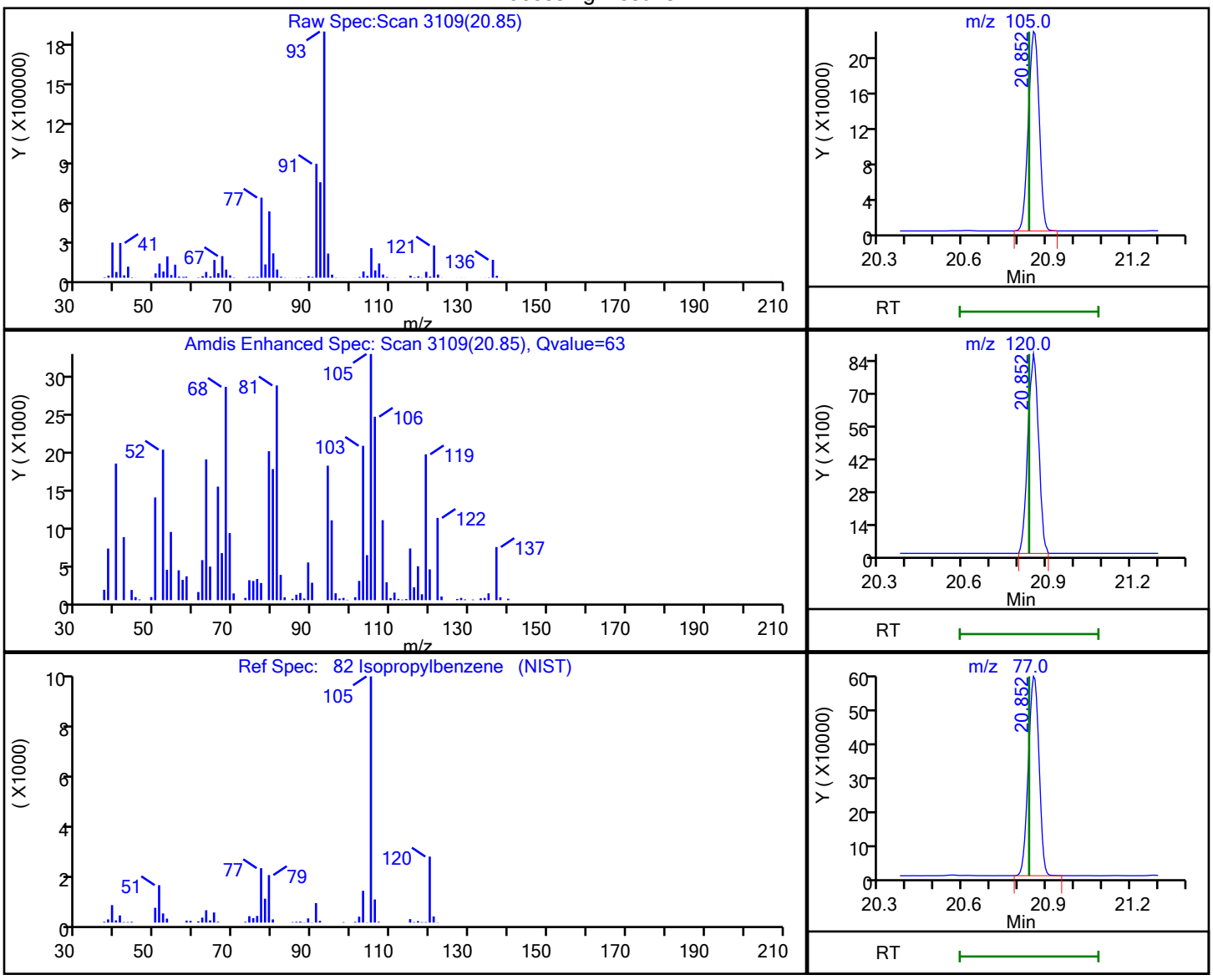
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

82 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
20.85	105.00	598221	15.881725
20.85	120.00	23257	
20.85	77.00	1610215	

Reviewer: bunmaa, 03-May-2021 12:33:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

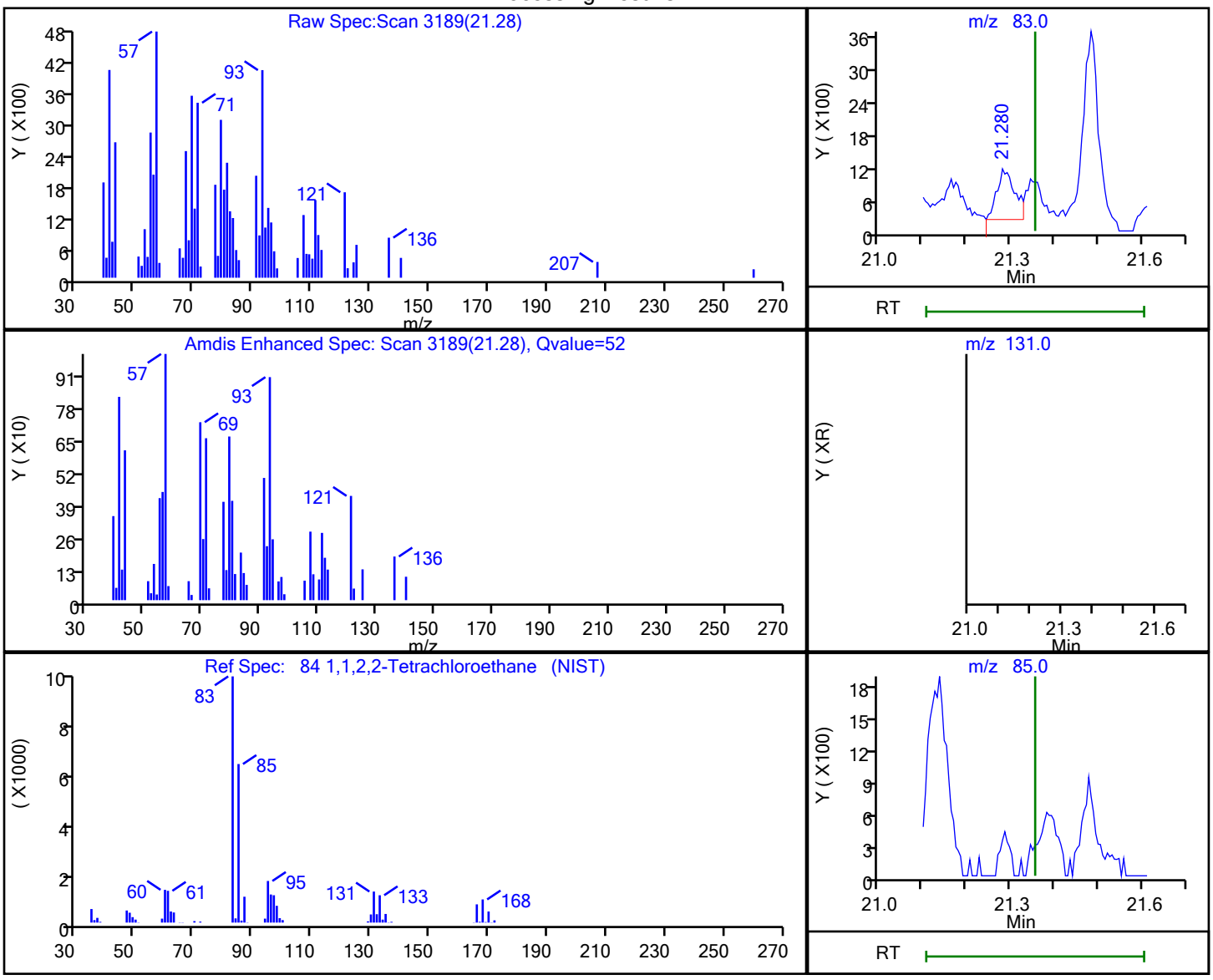
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

84 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
21.28	83.00	2675	0.149515
21.36	131.00	0	
21.36	85.00	0	

Reviewer: bunmaa, 03-May-2021 12:33:17

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

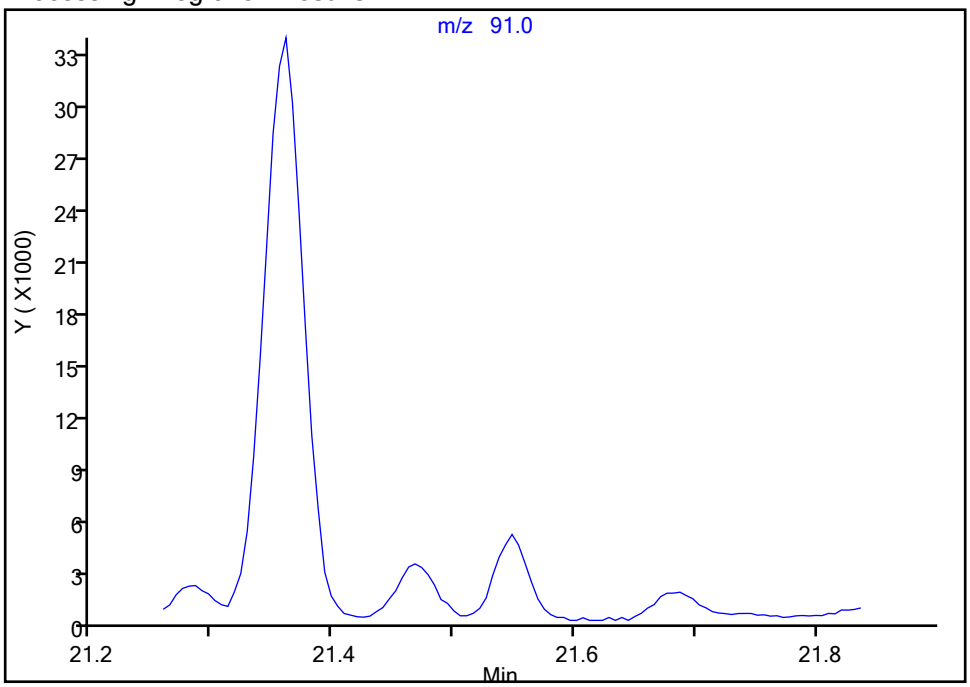
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1

Signal: 1

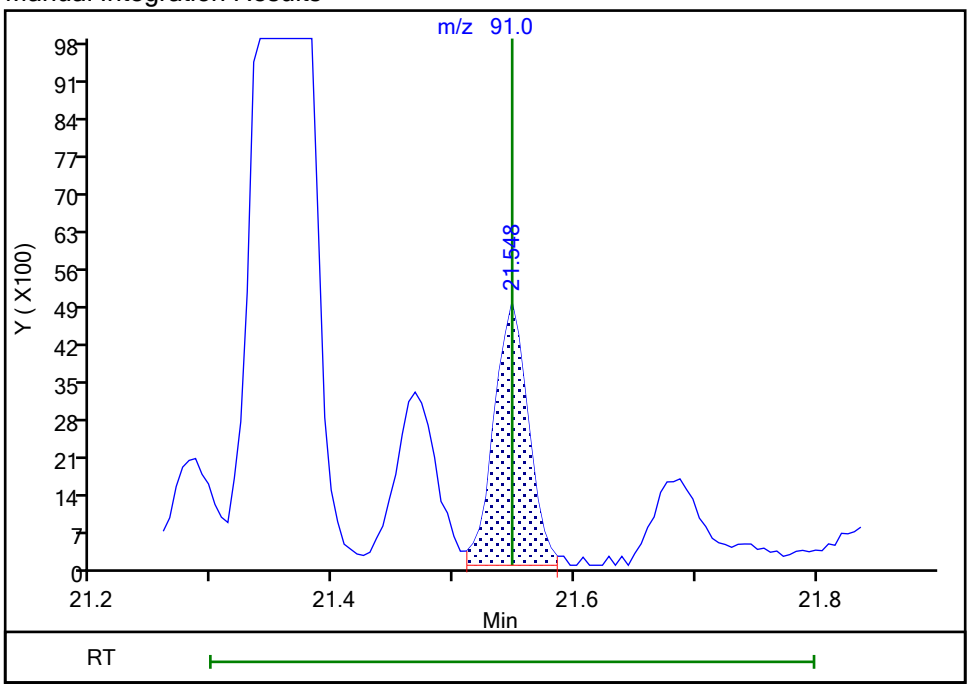
Not Detected
Expected RT: 21.55

Processing Integration Results



Manual Integration Results

RT: 21.55
Area: 9710
Amount: 0.249435
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 12:33:43
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

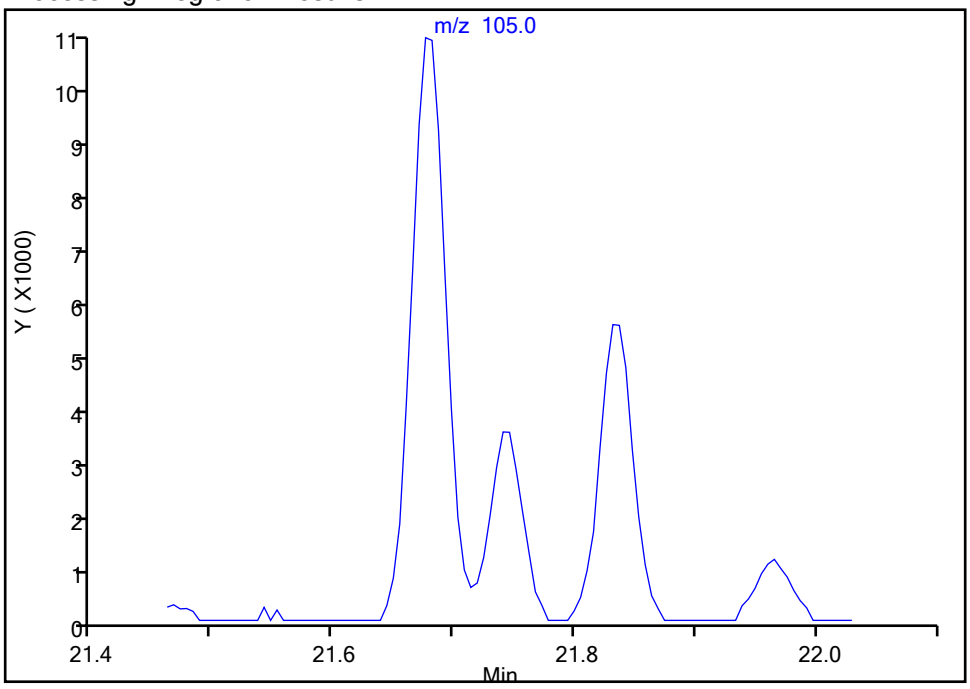
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

88 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

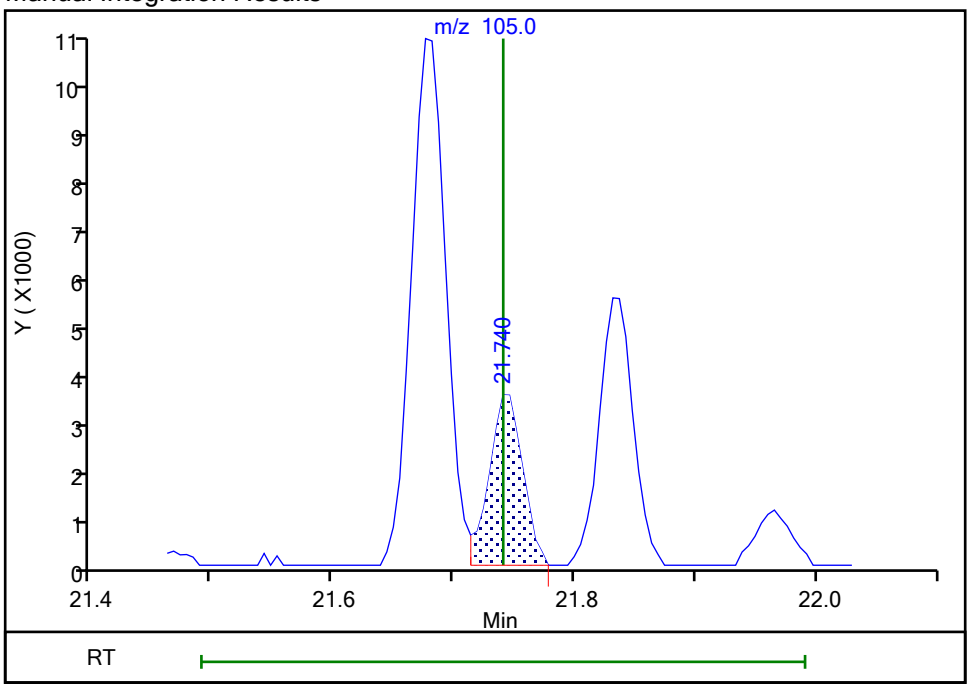
Not Detected
Expected RT: 21.74

Processing Integration Results



Manual Integration Results

RT: 21.74
Area: 6432
Amount: 0.198806
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 12:34:24
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

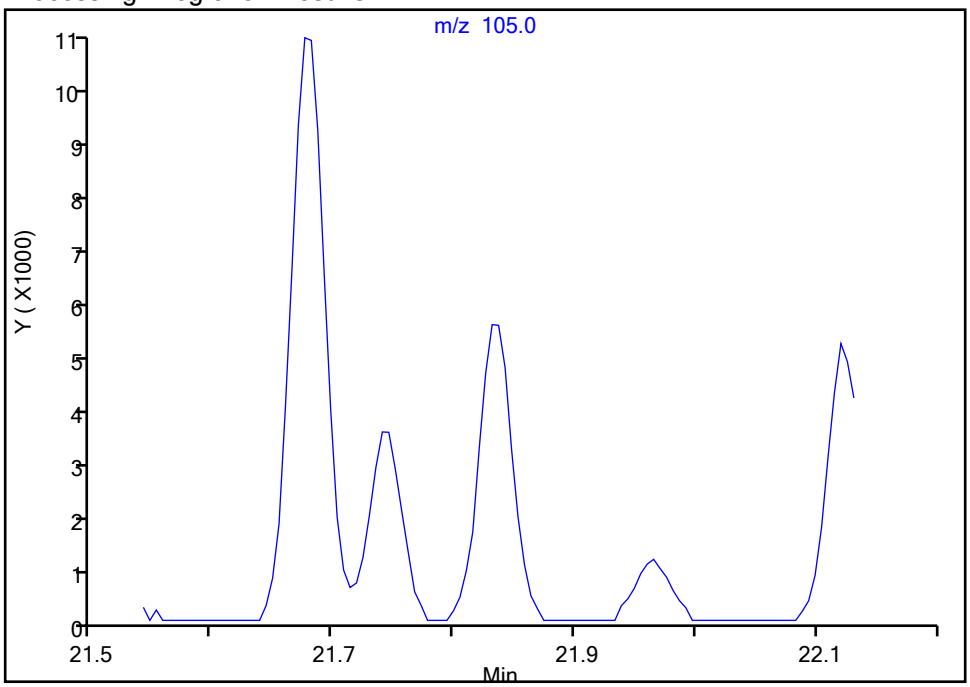
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

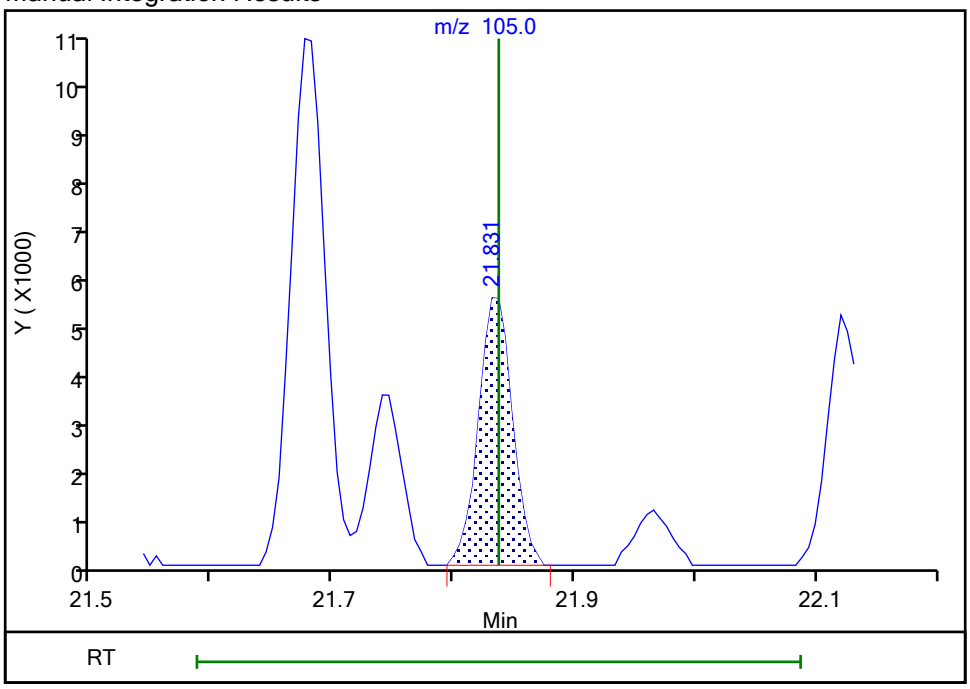
Not Detected
Expected RT: 21.84

Processing Integration Results



Manual Integration Results

RT: 21.83
Area: 10151
Amount: 0.342782
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 12:34:54
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

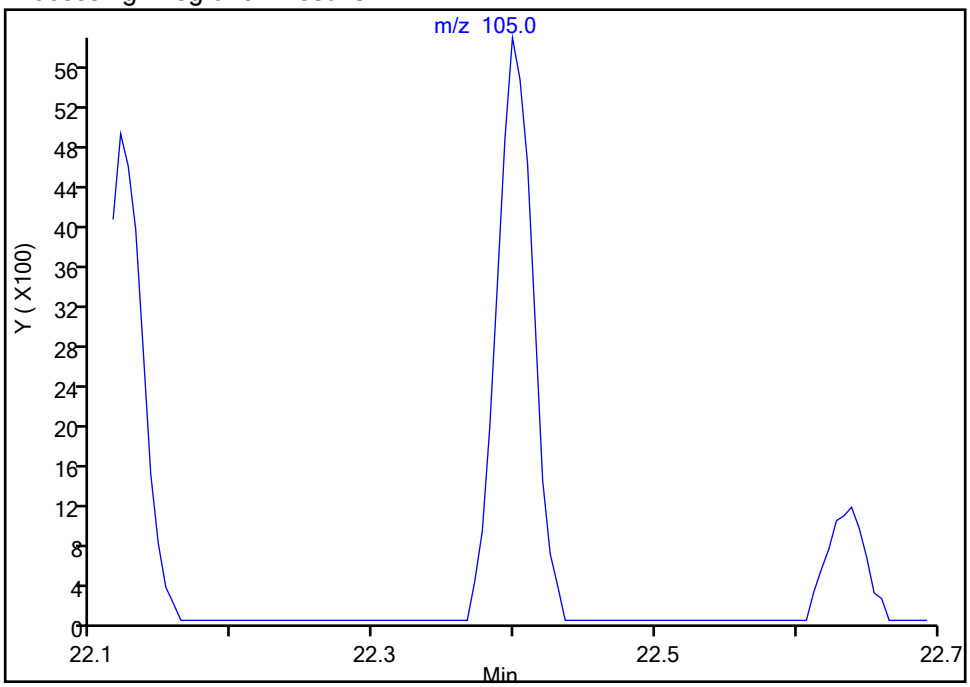
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

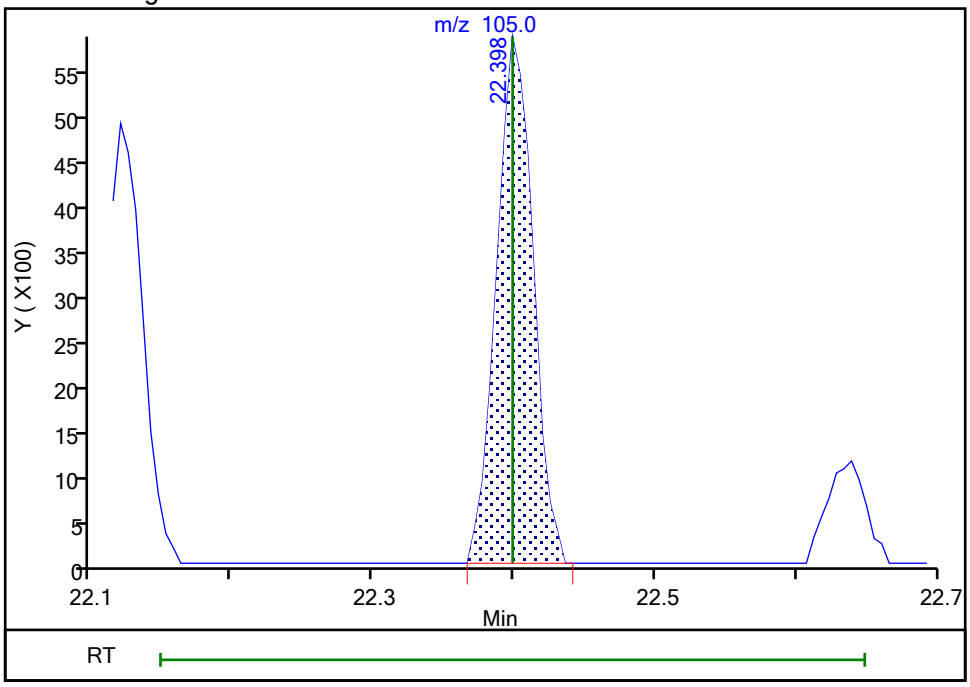
Not Detected
Expected RT: 22.40

Processing Integration Results



Manual Integration Results

RT: 22.40
Area: 10468
Amount: 0.392800
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 12:35:42
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

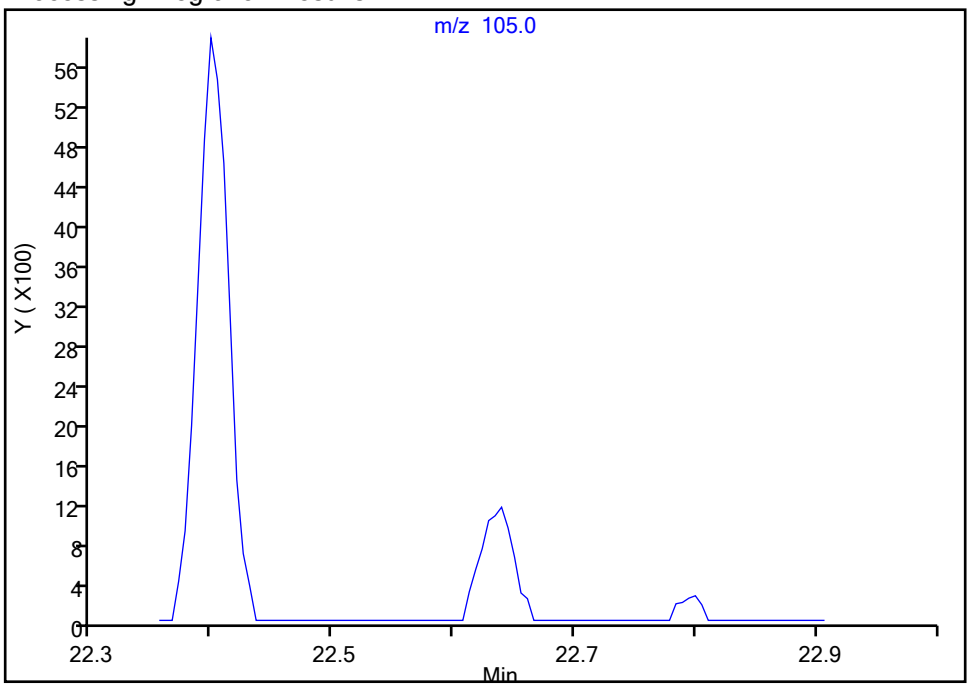
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-27.D				
Injection Date:	01-May-2021 06:43:30	Instrument ID:	CHX.i		
Lims ID:	200-58258-A-5	Lab Sample ID:	200-58258-5		
Client ID:	SV-04_20210428				
Operator ID:	ggg	ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	20.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

94 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

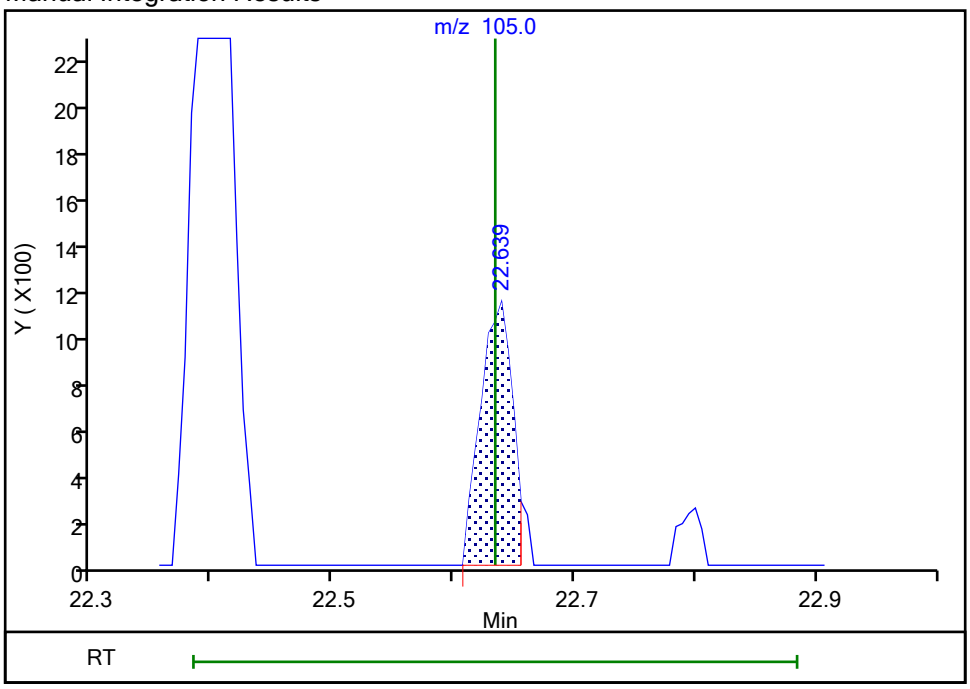
Not Detected
Expected RT: 22.63

Processing Integration Results



Manual Integration Results

RT: 22.64
Area: 2092
Amount: 0.045670
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 12:36:09
Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 166332

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 17:40 Calibration End Date: 04/30/2021 01:36 Calibration ID: 45679

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-166332/4	200-45776-004.D
Level 2	IC 200-166332/5	200-45776-005.D
Level 3	IC 200-166332/6	200-45776-006.D
Level 4	IC 200-166332/7	200-45776-007.D
Level 5	ICIS 200-166332/8	200-45776-008.D
Level 6	IC 200-166332/9	200-45776-009.D
Level 7	IC 200-166332/12	200-45776-012.D
Level 8	IC 200-166332/13	200-45776-013.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.4571	+++++ 0.4950	+++++ 0.4136	0.4918	0.4818	Ave		0.4678				7.2		30.0			
Dichlorodifluoromethane	+++++ 2.4675	+++++ 2.6301	2.5758 2.1891	2.5781	2.5727	Ave		2.5022				6.5		30.0			
Chlorodifluoromethane	+++++ 1.1542	1.2351 1.2092	1.2564 1.0235	1.2310	1.2005	Ave		1.1871				6.7		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.2430	2.7167 2.3522	2.4070 1.9411	2.3596	2.3058	Ave		2.3322				9.8		30.0			
Chloromethane	+++++ 0.5175	+++++ 0.5651	0.6227 0.4520	0.5785	0.5499	Ave		0.5476				10.6		30.0			
Vinyl chloride	0.9101 0.6022	0.7715 0.6368	0.6866 0.5424	0.6369	0.6418	Ave		0.6785				16.9		30.0			
n-Butane	+++++ 0.7991	+++++ 0.8390	0.8313 0.6988	0.8359	0.8382	Ave		0.8070				6.8		30.0			
1,3-Butadiene	0.4768 0.4220	0.5709 0.4597	0.4935 0.3900	0.4526	0.4603	Ave		0.4657				11.4		30.0			
Bromomethane	+++++ 0.7825	0.8086 0.8064	0.9273 0.6870	0.8226	0.8143	Ave		0.8069				8.7		30.0			
Chloroethane	+++++ 0.2512	+++++ 0.2515	0.2830 0.2254	0.2523	0.2652	Ave		0.2548				7.4		30.0			
Isopentane	+++++ 0.5628	1.1529 0.6106	0.7670 0.5176	0.6423	0.6257	Ave		0.6970				30.9	*	30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.7683	0.8694 0.8184	0.8545 0.6918	0.8142	0.8222	Ave		0.8056				7.4		30.0			
Trichlorofluoromethane	+++++ 2.4388	2.9705 2.5511	2.6202 2.1725	2.5637	2.5726	Ave		2.5556				9.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 166332

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 17:40 Calibration End Date: 04/30/2021 01:36 Calibration ID: 45679

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 0.9564	+++++ 1.0356	1.0969 0.9017	1.0546	1.0628	Ave		1.0180				7.2		30.0			
Ethanol	+++++ 0.2993	+++++ 0.2717	0.4018 0.2364	0.3128	0.3294	Ave		0.3086				18.2		30.0			
Ethyl ether	+++++ 0.3084	0.3632 0.3148	0.3045 0.2677	0.2889	0.3008	Ave		0.3069				9.5		30.0			
Acrolein	+++++ 0.1018	+++++ 0.0816	+++++ 0.0854	0.0468	0.0827	Ave		0.0797				25.3		30.0			
1,1-Dichloroethene	0.8582 0.6907	0.9824 0.7284	0.8232 0.6197	0.7534	0.7180	Ave		0.7717				14.6		30.0			
Acetone	+++++ 0.7652	+++++ 0.8021	+++++ 0.6299	0.8091	0.7984	Ave		0.7609				9.9		30.0			
1,1,2-Trichlorotrifluoroethane	+++++ 1.6668	2.1994 1.7304	1.8717 1.5060	1.7154	1.7509	Ave		1.7772				12.1		30.0			
Isopropyl alcohol	+++++ 0.8817	+++++ 0.8995	+++++ 0.7708	0.9202	0.9777	Ave		0.8900				8.5		30.0			
Carbon disulfide	+++++ 2.0693	+++++ 2.1628	2.2146 1.8304	2.2073	2.1674	Ave		2.1086				6.9		30.0			
Acetonitrile	+++++ 0.3186	+++++ 0.3316	+++++ 0.2989	0.3372	0.3446	Ave		0.3262				5.5		30.0			
3-Chloropropene	+++++ 0.6871	0.7932 0.7153	0.7691 0.6248	0.7042	0.7087	Ave		0.7146				7.7		30.0			
Methylene Chloride	+++++ 0.7502	+++++ 0.7958	0.9638 0.6737	0.8154	0.7933	Ave		0.7987				12.0		30.0			
tert-Butyl alcohol	+++++ 1.0856	+++++ 1.1179	+++++ 0.9666	1.1358	1.1961	Ave		1.1004				7.7		30.0			
Acrylonitrile	+++++ 0.3219	+++++ 0.3161	0.2557 0.2809	0.2826	0.3068	Ave		0.2940				8.6		30.0			
trans-1,2-Dichloroethene	1.2190 1.0534	1.3761 1.0863	1.1443 0.9255	1.0847	1.0461	Ave		1.1169				12.0		30.0			
Methyl tert-butyl ether	+++++ 1.5334	1.7622 1.6083	1.6776 1.3243	1.5033	1.5672	Ave		1.5680				8.9		30.0			
n-Hexane	+++++ 0.7545	1.1553 0.7869	0.8841 0.6803	0.8206	0.7973	Ave		0.8399				18.1		30.0			
1,1-Dichloroethane	1.3068 1.1744	1.3065 1.2215	1.2503 1.0420	1.1040	1.1843	Ave		1.1987				7.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 166332

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 17:40 Calibration End Date: 04/30/2021 01:36 Calibration ID: 45679

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	+++++ 1.0251	+++++ 1.0546	+++++ 0.9117	0.9549	0.9960	Ave		0.9885				5.7		30.0			
Methyl Ethyl Ketone (2-Butanone)	+++++ 0.2260	+++++ 0.2473	0.3760 0.2082	0.2251	0.2495	Ave		0.2554				23.9		30.0			
cis-1,2-Dichloroethene	0.5705 0.7747	0.7696 0.7922	0.8255 0.6825	0.7389	0.7876	Ave		0.7427				11.0		30.0			
Ethyl acetate	+++++ 0.0334	+++++ 0.0373	+++++ 0.0297	0.0380	0.0377	Ave		0.0352				10.3		30.0			
Tetrahydrofuran	+++++ 0.1050	+++++ 0.1061	+++++ 0.0810	0.1086	0.1096	Ave		0.1020				11.7		30.0			
Chloroform	+++++ 1.9312	2.1685 2.0158	1.9495 1.7203	1.8327	1.9510	Ave		1.9384				7.2		30.0			
1,1,1-Trichloroethane	+++++ 0.4241	0.4525 0.4372	0.4831 0.3431	0.4110	0.4253	Ave		0.4252				10.2		30.0			
Cyclohexane	+++++ 0.1831	0.2155 0.1851	0.2157 0.1475	0.1799	0.1873	Ave		0.1877				12.4		30.0			
Carbon tetrachloride	0.4343 0.5179	0.4939 0.5293	0.5615 0.4236	0.4995	0.5027	Ave		0.4954				9.3		30.0			
Benzene	+++++ 0.4954	0.6738 0.5072	0.5306 0.3985	0.4006	0.4367	Ave		0.4918				19.5		30.0			
1,2-Dichloroethane	+++++ 0.2512	0.2754 0.2579	0.2284 0.2073	0.1980	0.2220	Ave		0.2343				12.0		30.0			
2,2,4-Trimethylpentane	+++++ 0.7739	0.9509 0.7839	0.9148 0.6041	0.7661	0.7711	Ave		0.7950				14.3		30.0			
n-Heptane	+++++ 0.2936	0.3193 0.2989	0.3119 0.2301	0.2762	0.2888	Ave		0.2884				10.2		30.0			
n-Butanol	+++++ 0.1208	+++++ 0.1196	+++++ 0.0958	0.1164	0.1295	Ave		0.1164				10.7		30.0			
Trichloroethene	0.3342 0.3564	0.3817 0.3594	0.3585 0.2809	0.3307	0.3421	Ave		0.3430				8.7		30.0			
1,2-Dichloropropane	+++++ 0.2154	0.2428 0.2245	0.2150 0.1790	0.1801	0.1869	Ave		0.2062				11.9		30.0			
Methyl methacrylate	+++++ 0.1755	+++++ 0.1802	0.1958 0.1370	0.1706	0.1728	Ave		0.1720				11.3		30.0			
1,4-Dioxane	+++++ 0.1209	+++++ 0.1156	+++++ 0.0899	0.1212	0.1284	Ave		0.1152				12.9		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 166332

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 17:40 Calibration End Date: 04/30/2021 01:36 Calibration ID: 45679

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	+++++ 0.3645	0.4444 0.3777	0.3428 0.2979	0.2997	0.3394	Ave		0.3523				14.3		30.0			
Bromodichloromethane	+++++ 0.5436	0.5235 0.5628	0.4988 0.4524	0.4393	0.5087	Ave		0.5042				9.0		30.0			
cis-1,3-Dichloropropene	+++++ 0.3712	0.3691 0.3962	0.3535 0.3228	0.3148	0.3334	Ave		0.3516				8.4		30.0			
4-Methyl-2-pentanone (Methyl isobutyl ketone)	+++++ 0.4304	+++++ 0.4416	0.4873 0.3353	0.4326	0.4612	Ave		0.4314				12.0		30.0			
Toluene	+++++ 0.4383	0.5420 0.4243	0.4485 0.3753	0.3630	0.4031	Ave		0.4278				13.9		30.0			
n-Octane	+++++ 0.4949	0.5302 0.5078	0.5249 0.3885	0.4480	0.4827	Ave		0.4824				10.3		30.0			
trans-1,3-Dichloropropene	+++++ 0.3366	0.3249 0.3616	0.3215 0.2926	0.2906	0.3068	Ave		0.3192				7.9		30.0			
1,1,2-Trichloroethane	+++++ 0.2373	0.2461 0.2307	0.2495 0.2014	0.2027	0.2207	Ave		0.2269				8.6		30.0			
Tetrachloroethene	0.5389 0.4629	0.5405 0.4469	0.4694 0.3946	0.4054	0.4418	Ave		0.4626				11.7		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.4389	+++++ 0.4241	0.5522 0.3534	0.4191	0.4735	Ave		0.4435				14.9		30.0			
Dibromochloromethane	+++++ 0.6586	0.5820 0.6408	0.5594 0.5791	0.5088	0.6206	Ave		0.5928				8.7		30.0			
1,2-Dibromoethane	+++++ 0.4314	0.4702 0.4292	0.3823 0.3843	0.3528	0.3979	Ave		0.4069				9.6		30.0			
Chlorobenzene	+++++ 0.6135	0.6569 0.6068	0.6240 0.5342	0.5147	0.5765	Ave		0.5895				8.6		30.0			
Ethylbenzene	+++++ 0.9554	1.2918 0.9415	1.0765 0.8271	0.8646	0.9500	Ave		0.9867				15.8		30.0			
m,p-Xylene	+++++ 0.3562	0.3625 0.3471	0.3621 0.3030	0.3178	0.3536	Ave		0.3432				6.8		30.0			
n-Nonane	+++++ 0.4654	0.5184 0.4489	0.4665 0.3897	0.3873	0.4363	Ave		0.4446				10.4		30.0			
o-Xylene	+++++ 0.3561	0.4785 0.3485	0.4208 0.2998	0.3054	0.3567	Ave		0.3665				17.3		30.0			
Styrene	+++++ 0.5493	0.4581 0.5485	0.4887 0.4765	0.4529	0.5387	Ave		0.5018				8.5		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 166332

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 17:40 Calibration End Date: 04/30/2021 01:36 Calibration ID: 45679

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromoform	+++++ 0.5919	0.4498 0.5900	0.4540 0.5371	0.4646	0.5671	Ave		0.5221				12.3		30.0			
Cumene	+++++ 1.0648	1.1405 1.0383	1.0930 0.9208	0.9276	1.0536	Ave		1.0341				7.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6129	0.6975 0.5937	0.6744 0.5087	0.5528	0.6222	Ave		0.6089				10.8		30.0			
1,2,3-Trichloropropane	+++++ 0.4554	+++++ 0.4498	0.5830 0.3848	0.4246	0.4649	Ave		0.4604				14.5		30.0			
n-Propylbenzene	+++++ 1.2920	1.2467 1.2687	1.2417 1.1122	1.1139	1.2882	Ave		1.2233				6.3		30.0			
2-Chlorotoluene	+++++ 0.8439	0.8803 0.8364	0.8656 0.7359	0.7213	0.8253	Ave		0.8155				7.6		30.0			
4-Ethyltoluene	+++++ 1.0638	1.0135 1.0448	1.0196 0.9224	0.9118	1.0593	Ave		1.0050				6.3		30.0			
1,3,5-Trimethylbenzene	+++++ 0.9368	0.9418 0.9139	0.9628 0.8179	0.7688	0.9202	Ave		0.8946				8.1		30.0			
n-Decane	+++++ 0.5552	+++++ 0.5431	0.4722 0.4778	0.4348	0.5378	Ave		0.5035				9.6		30.0			
Alpha Methyl Styrene	+++++ 0.4638	0.4190 0.4639	0.4049 0.4123	0.3699	0.4482	Ave		0.4260				8.1		30.0			
tert-Butylbenzene	+++++ 0.8800	0.9279 0.8614	0.8483 0.7598	0.7283	0.8623	Ave		0.8383				8.3		30.0			
1,2,4-Trimethylbenzene	+++++ 0.9428	1.0126 0.9208	0.9490 0.8132	0.8235	0.9284	Ave		0.9129				7.8		30.0			
sec-Butylbenzene	+++++ 1.3509	1.4013 1.3241	1.3000 1.1612	1.1251	1.3229	Ave		1.2837				7.9		30.0			
1,3-Dichlorobenzene	+++++ 0.6717	0.7060 0.6715	0.7295 0.5927	0.5603	0.6485	Ave		0.6543				9.2		30.0			
4-Isopropyltoluene	+++++ 1.1557	1.1937 1.1250	1.1343 1.0027	0.9605	1.1364	Ave		1.1012				7.8		30.0			
1,4-Dichlorobenzene	+++++ 0.6797	0.6562 0.6842	0.6923 0.5989	0.5604	0.6406	Ave		0.6446				7.6		30.0			
Benzyl chloride	+++++ 0.8653	0.6915 0.8591	0.8793 0.7513	0.7575	0.8593	Ave		0.8091				9.2		30.0			
1,2-Dichlorobenzene	+++++ 0.6755	0.7470 0.6622	0.7520 0.5520	0.5779	0.6632	Ave		0.6614				11.5		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 166332

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 17:40 Calibration End Date: 04/30/2021 01:36 Calibration ID: 45679

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	+++++ 1.0878	1.0877 1.0623	1.0750 0.8906	0.9321	1.0968	Ave		1.0332				8.2		30.0			
n-Undecane	+++++ 0.5842	+++++ 0.5812	0.5041 0.5067	0.4474	0.5708	Ave		0.5324				10.4		30.0			
n-Dodecane	+++++ 0.5153	+++++ 0.5391	+++++ 0.4674	0.4273	0.5195	Ave		0.4937				9.2		30.0			
1,2,4-Trichlorobenzene	+++++ 0.5991	+++++ 0.6163	0.6332 0.5066	0.4580	0.5471	Ave		0.5601				12.2		30.0			
Hexachlorobutadiene	+++++ 0.7064	0.9001 0.6988	0.7687 0.6252	0.5718	0.6857	Ave		0.7081				14.9		30.0			
Naphthalene	+++++ 1.2927	+++++ 1.3592	1.3113 1.0657	1.0186	1.1548	Ave		1.2004				11.7		30.0			
1,2,3-Trichlorobenzene	+++++ 0.6228	+++++ 0.6442	0.6508 0.5352	0.5018	0.5827	Ave		0.5896				10.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 166332

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 17:40 Calibration End Date: 04/30/2021 01:36 Calibration ID: 45679

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-166332/4	200-45776-004.D
Level 2	IC 200-166332/5	200-45776-005.D
Level 3	IC 200-166332/6	200-45776-006.D
Level 4	IC 200-166332/7	200-45776-007.D
Level 5	ICIS 200-166332/8	200-45776-008.D
Level 6	IC 200-166332/9	200-45776-009.D
Level 7	IC 200-166332/12	200-45776-012.D
Level 8	IC 200-166332/13	200-45776-013.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 80303	+++++ 110178	+++++ 217835	24489	55769	+++++ 15.5	+++++ 20.6	+++++ 41.3	4.64	10.3
Dichlorodifluoromethane	BCM	Ave	+++++ 438531	+++++ 592227	13473 1166458	129867	301265	+++++ 15.7	+++++ 20.9	0.470 41.8	4.70	10.4
Chlorodifluoromethane	BCM	Ave	+++++ 205911	2666 273331	6597 547455	62248	141125	+++++ 15.7	0.189 21.0	0.472 41.9	4.72	10.5
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 397493	5825 528134	12554 1031354	118520	269237	+++++ 15.6	0.188 20.8	0.469 41.6	4.68	10.4
Chloromethane	BCM	Ave	+++++ 96209	+++++ 133087	3407 251900	30483	67354	+++++ 16.4	+++++ 21.8	0.492 43.7	4.91	10.9
Vinyl chloride	BCM	Ave	343 106511	1651 142692	3574 287607	31928	74796	0.0333 15.6	0.187 20.8	0.468 41.6	4.67	10.4
n-Butane	BCM	Ave	+++++ 140928	+++++ 187474	4315 369484	41785	97399	+++++ 15.5	+++++ 20.7	0.467 41.4	4.66	10.4
1,3-Butadiene	BCM	Ave	175 72692	1190 100341	2502 201446	22098	52254	0.0325 15.2	0.183 20.2	0.456 40.5	4.55	10.1
Bromomethane	BCM	Ave	+++++ 137344	1717 179308	4790 361494	40919	94169	+++++ 15.5	0.186 20.6	0.464 41.2	4.64	10.3
Chloroethane	BCM	Ave	+++++ 44431	+++++ 56363	1473 119525	12646	30912	+++++ 15.6	+++++ 20.8	0.468 41.6	4.67	10.4
Isopentane	BCM	Ave	+++++ 100030	2479 137499	4012 275815	32354	73270	+++++ 15.7	0.188 20.9	0.470 41.8	4.70	10.4
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 136288	1866 183917	4461 367892	40937	96102	+++++ 15.6	0.188 20.8	0.469 41.7	4.69	10.4
Trichlorofluoromethane	BCM	Ave	+++++ 438410	6461 581035	13863 1170917	130625	304726	+++++ 15.8	0.190 21.1	0.476 42.2	4.75	10.6

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 166332

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 17:40 Calibration End Date: 04/30/2021 01:36 Calibration ID: 45679

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Pentane	BCM	Ave	+++++ 164931	+++++ 226258	5567 466221	51546	120761	+++++ 15.2	+++++ 20.3	0.456 40.5	4.56	10.1
Ethanol	BCM	Ave	+++++ 68089	+++++ 117239	20155 301623	22646	55446	+++++ 20.0	+++++ 40.0	4.51 100.0	6.75	15.0
Ethyl ether	BCM	Ave	+++++ 52924	754 68447	1538 137711	14052	34012	+++++ 15.1	0.182 20.2	0.454 40.3	4.54	10.1
Acrolein	BCM	Ave	+++++ 16851	+++++ 17100	+++++ 42363	2194	9020	+++++ 14.6	+++++ 19.4	+++++ 38.9	4.37	9.72
1,1-Dichloroethene	BCM	Ave	320 120867	2080 161501	4240 325155	37369	82790	0.0330 15.4	0.185 20.6	0.463 41.1	4.63	10.3
Acetone	BCM	Ave	+++++ 133386	+++++ 177156	+++++ 329192	39977	91706	+++++ 15.4	+++++ 20.5	+++++ 41.0	4.61	10.2
1,1,2-Trichlorotrifluoroethane	BCM	Ave	+++++ 297654	4752 391498	9837 806320	86825	206019	+++++ 15.7	0.189 21.0	0.472 42.0	4.72	10.5
Isopropyl alcohol	BCM	Ave	+++++ 153403	+++++ 198269	+++++ 402058	45375	112075	+++++ 15.3	+++++ 20.4	+++++ 40.9	4.60	10.2
Carbon disulfide	BCM	Ave	+++++ 357902	+++++ 473951	11273 949164	108205	246997	+++++ 15.2	+++++ 20.3	0.458 40.6	4.57	10.2
Acetonitrile	BCM	Ave	+++++ 53687	+++++ 70807	+++++ 151010	16108	38264	+++++ 14.9	+++++ 19.8	+++++ 39.6	4.45	9.90
3-Chloropropene	BCM	Ave	+++++ 124571	1740 164310	4104 339597	36188	84661	+++++ 16.0	0.192 21.3	0.480 42.6	4.79	10.6
Methylene Chloride	BCM	Ave	+++++ 131285	+++++ 176447	4964 353484	40446	91469	+++++ 15.4	+++++ 20.6	0.463 41.1	4.63	10.3
tert-Butyl alcohol	BCM	Ave	+++++ 199217	+++++ 259907	+++++ 531843	59079	144631	+++++ 16.2	+++++ 21.6	+++++ 43.1	4.85	10.8
Acrylonitrile	BCM	Ave	+++++ 55400	+++++ 68937	1295 144921	13787	34793	+++++ 15.2	+++++ 20.2	0.455 40.4	4.55	10.1
trans-1,2-Dichloroethene	BCM	Ave	451 182909	2891 238973	5848 481810	53385	119687	0.0327 15.3	0.184 20.4	0.459 40.8	4.59	10.2
Methyl tert-butyl ether	BCM	Ave	+++++ 272775	3793 362489	8783 706349	75799	183697	+++++ 15.7	0.189 20.9	0.471 41.8	4.70	10.4
n-Hexane	BCM	Ave	+++++ 136010	2520 179739	4691 367691	41928	94710	+++++ 15.9	0.191 21.2	0.477 42.4	4.76	10.6
1,1-Dichloroethane	BCM	Ave	474 199916	2691 263463	6264 531821	53270	132838	0.0321 15.0	0.180 20.0	0.450 40.0	4.50	10.00

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 166332

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 17:40 Calibration End Date: 04/30/2021 01:36 Calibration ID: 45679

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	BCM	Ave	+++++ 181306	+++++ 236323	+++++ 483492	47872	116080	+++++ 15.6	+++++ 20.8	+++++ 41.6	4.67	10.4
Methyl Ethyl Ketone (2-Butanone)	BCM	Ave	+++++ 39789	+++++ 55158	1948 109878	11230	28942	+++++ 15.5	+++++ 20.7	0.466 41.4	4.65	10.3
cis-1,2-Dichloroethene	BCM	Ave	209 133201	1601 172562	4177 351818	36011	89225	0.0324 15.2	0.182 20.2	0.455 40.4	4.54	10.1
Ethyl acetate	BCM	Ave	+++++ 5765	+++++ 8139	+++++ 15332	1856	4288	+++++ 15.2	+++++ 20.3	+++++ 40.5	4.56	10.1
Tetrahydrofuran	DFBZ	Ave	+++++ 95939	+++++ 125517	+++++ 249740	28381	68162	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.49	9.99
Chloroform	BCM	Ave	+++++ 332034	4511 439117	9865 886810	89314	221027	+++++ 15.2	0.182 20.2	0.455 40.4	4.54	10.1
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 395280	5138 527695	12785 1079602	109615	269797	+++++ 15.3	0.184 20.4	0.459 40.8	4.58	10.2
Cyclohexane	DFBZ	Ave	+++++ 170044	2437 222600	5685 462364	47796	118358	+++++ 15.2	0.183 20.3	0.457 40.6	4.57	10.1
Carbon tetrachloride	DFBZ	Ave	849 481343	5592 637073	14816 1328699	132816	317964	0.0326 15.2	0.183 20.3	0.458 40.6	4.57	10.2
Benzene	DFBZ	Ave	+++++ 468087	7756 620650	14235 1270904	108290	280847	+++++ 15.5	0.186 20.7	0.465 41.3	4.65	10.3
1,2-Dichloroethane	DFBZ	Ave	+++++ 238080	3180 316464	6144 663205	53693	143168	+++++ 15.5	0.187 20.7	0.467 41.4	4.66	10.4
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 741180	11095 972210	24872 1952866	209922	502609	+++++ 15.7	0.189 20.9	0.472 41.9	4.71	10.5
n-Heptane	DFBZ	Ave	+++++ 282309	3740 372125	8512 746626	75960	188935	+++++ 15.8	0.190 21.0	0.473 42.0	4.73	10.5
n-Butanol	DFBZ	Ave	+++++ 105564	+++++ 135290	+++++ 282630	29102	77007	+++++ 14.3	+++++ 19.1	+++++ 38.2	4.30	9.55
Trichloroethene	DFBZ	Ave	677 343245	4479 448243	9802 913152	91127	224263	0.0338 15.8	0.190 21.1	0.474 42.1	4.74	10.5
1,2-Dichloropropane	DFBZ	Ave	+++++ 203113	2790 274132	5757 569735	48606	119952	+++++ 15.5	0.186 20.6	0.464 41.2	4.64	10.3
Methyl methacrylate	DFBZ	Ave	+++++ 163145	+++++ 216905	5167 429874	45372	109280	+++++ 15.2	+++++ 20.3	0.458 40.6	4.57	10.2
1,4-Dioxane	DFBZ	Ave	+++++ 117006	+++++ 144911	+++++ 293626	33558	84596	+++++ 15.9	+++++ 21.2	+++++ 42.3	4.76	10.6

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 166332

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 17:40 Calibration End Date: 04/30/2021 01:36 Calibration ID: 45679

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dibromomethane	DFBZ	Ave	+++++ 343451	5101 460859	9168 947349	80793	217606	+++++ 15.5	0.186 20.6	0.464 41.2	4.63	10.3
Bromodichloromethane	DFBZ	Ave	+++++ 525639	6166 704678	13692 1476318	121528	334769	+++++ 15.9	0.191 21.1	0.476 42.3	4.76	10.6
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 352816	4273 487625	9539 1035498	85595	215630	+++++ 15.6	0.187 20.8	0.468 41.6	4.67	10.4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	DFBZ	Ave	+++++ 403110	+++++ 535643	12957 1060182	115930	294043	+++++ 15.4	+++++ 20.5	0.461 41.0	4.61	10.2
Toluene	CBNZ d5	Ave	+++++ 396919	5316 539545	11006 1142777	97051	244205	+++++ 15.2	0.183 20.3	0.458 40.6	4.57	10.2
n-Octane	DFBZ	Ave	+++++ 467639	6103 621430	14081 1239283	121100	310416	+++++ 15.5	0.186 20.7	0.465 41.3	4.65	10.3
trans-1,3-Dichloropropene	DFBZ	Ave	+++++ 304203	3577 423178	8250 892689	75144	188732	+++++ 14.8	0.178 19.8	0.445 39.5	4.45	9.88
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 221681	2490 302559	6315 632669	55912	137952	+++++ 15.7	0.189 21.0	0.472 41.9	4.72	10.5
Tetrachloroethene	CBNZ d5	Ave	1051 433202	5478 587324	11905 1241790	112026	276624	0.0337 15.8	0.189 21.0	0.473 42.0	4.72	10.5
Methyl Butyl Ketone (2-Hexanone)	CBNZ d5	Ave	+++++ 390782	+++++ 530203	13324 1058011	110195	282082	+++++ 15.0	+++++ 20.0	0.450 40.0	4.49	9.99
Dibromochloromethane	CBNZ d5	Ave	+++++ 568209	5438 776359	13080 1680054	129628	358263	+++++ 14.5	0.175 19.4	0.436 38.7	4.36	9.68
1,2-Dibromoethane	CBNZ d5	Ave	+++++ 407983	4816 569949	9798 1221917	98501	251773	+++++ 15.9	0.191 21.2	0.478 42.4	4.77	10.6
Chlorobenzene	CBNZ d5	Ave	+++++ 573608	6652 796698	15811 1679445	142100	360622	+++++ 15.7	0.189 21.0	0.472 42.0	4.72	10.5
Ethylbenzene	CBNZ d5	Ave	+++++	12744	26575	232556	578998	+++++	0.184	0.460	4.60	10.2

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 166332

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 17:40 Calibration End Date: 04/30/2021 01:36 Calibration ID: 45679

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			870224	1204252	2533166			15.3	20.4	40.9		
m,p-Xylene	CBNZ d5	Ave	+++++	7195	17983	171964	433561	+++++	0.371	0.926	9.25	20.6
			652686	893061	1866909			30.8	41.1	82.2		
n-Nonane	CBNZ d5	Ave	+++++	5244	11810	106834	272639	+++++	0.189	0.472	4.72	10.5
			434675	588830	1223914			15.7	21.0	41.9		
o-Xylene	CBNZ d5	Ave	+++++	4785	10529	83259	220364	+++++	0.187	0.467	4.66	10.4
			328772	451902	930713			15.5	20.7	41.4		
Styrene	CBNZ d5	Ave	+++++	4564	12181	123010	331542	+++++	0.186	0.465	4.64	10.3
			505198	708466	1473617			15.5	20.6	41.3		
Bromoform	CBNZ d5	Ave	+++++	4468	11284	125825	347951	+++++	0.186	0.463	4.63	10.3
			542807	759797	1656277			15.4	20.6	41.2		
Cumene	CBNZ d5	Ave	+++++	11483	27536	254620	655273	+++++	0.188	0.470	4.69	10.4
			989851	1355382	2878009			15.6	20.9	41.7		
1,1,2,2-Tetrachloroethane	CBNZ d5	Ave	+++++	6962	16844	150437	383666	+++++	0.187	0.466	4.65	10.3
			564797	768334	1576272			15.5	20.7	41.4		
1,2,3-Trichloropropane	CBNZ d5	Ave	+++++	+++++	14912	118326	293605	+++++	+++++	0.477	4.76	10.6
			429869	596104	1221345			15.9	21.2	42.4		
n-Propylbenzene	CBNZ d5	Ave	+++++	12516	31191	304893	798916	+++++	0.188	0.468	4.68	10.4
			1197601	1651300	3466357			15.6	20.8	41.6		
2-Chlorotoluene	CBNZ d5	Ave	+++++	8871	21829	198185	513822	+++++	0.188	0.470	4.70	10.4
			785196	1092869	2302392			15.7	20.9	41.8		
4-Ethyltoluene	CBNZ d5	Ave	+++++	10106	25440	247887	652542	+++++	0.186	0.465	4.65	10.3
			979450	1350704	2855453			15.5	20.7	41.3		
1,3,5-Trimethylbenzene	CBNZ d5	Ave	+++++	9446	24162	210215	570142	+++++	0.187	0.468	4.67	10.4

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 166332

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 17:40 Calibration End Date: 04/30/2021 01:36 Calibration ID: 45679

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			867527	1188448	2546570			15.6	20.8	41.6		
n-Decane	CBNZ d5	Ave	+++++	+++++	11884	119249	334158	+++++	+++++	0.469	4.69	10.4
			515624	708311	1492007			15.6	20.8	41.7		
Alpha Methyl Styrene	CBNZ d5	Ave	+++++	4126	9975	99294	272638	+++++	0.184	0.459	4.59	10.2
			421681	592174	1260334			15.3	20.4	40.8		
tert-Butylbenzene	CBNZ d5	Ave	+++++	9279	21227	198585	532747	+++++	0.187	0.467	4.66	10.4
			812527	1116837	2358964			15.5	20.7	41.4		
1,2,4-Trimethylbenzene	CBNZ d5	Ave	+++++	10166	23840	225403	575776	+++++	0.188	0.468	4.68	10.4
			873873	1198543	2534563			15.6	20.8	41.6		
sec-Butylbenzene	CBNZ d5	Ave	+++++	14149	32846	309720	825187	+++++	0.189	0.471	4.71	10.5
			1259422	1733459	3640056			15.7	20.9	41.8		
1,3-Dichlorobenzene	CBNZ d5	Ave	+++++	7210	18642	156008	409155	+++++	0.191	0.477	4.76	10.6
			633424	889160	1879372			15.9	21.2	42.3		
4-Isopropyltoluene	CBNZ d5	Ave	+++++	11880	28248	260614	698641	+++++	0.186	0.464	4.64	10.3
			1061998	1451603	3098126			15.5	20.6	41.2		
1,4-Dichlorobenzene	CBNZ d5	Ave	+++++	6632	17508	154423	399943	+++++	0.189	0.472	4.71	10.5
			634247	896528	1879007			15.7	20.9	41.9		
Benzyl chloride	CBNZ d5	Ave	+++++	7062	22471	210927	542157	+++++	0.191	0.477	4.76	10.6
			815986	1137614	2382096			15.9	21.2	42.3		
1,2-Dichlorobenzene	CBNZ d5	Ave	+++++	7528	18963	158771	412882	+++++	0.188	0.470	4.70	10.4
			628507	865222	1726879			15.7	20.9	41.8		
n-Butylbenzene	CBNZ d5	Ave	+++++	10909	26978	254865	679556	+++++	0.187	0.468	4.67	10.4
			1007305	1381376	2773216			15.6	20.8	41.6		
n-Undecane	CBNZ d5	Ave	+++++	+++++	12735	123170	356027	+++++	+++++	0.471	4.71	10.5

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 166332

SDG No.:

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2021 17:40 Calibration End Date: 04/30/2021 01:36 Calibration ID: 45679

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			544670	760917	1588325			15.7	20.9	41.8		
n-Dodecane	CBNZ d5	Ave	+++++	+++++	+++++	105269	289979	+++++	+++++	+++++	4.21	9.36
			429867	631556	1311004			14.0	18.7	37.4		
1,2,4-Trichlorobenzene	CBNZ d5	Ave	+++++	+++++	16610	130908	354299	+++++	+++++	0.489	4.89	10.9
			579877	837728	1648741			16.3	21.7	43.4		
Hexachlorobutadiene	CBNZ d5	Ave	+++++	8915	19051	154410	419519	+++++	0.185	0.462	4.62	10.3
			645992	897284	1922453			15.4	20.5	41.0		
Naphthalene	CBNZ d5	Ave	+++++	+++++	30786	260565	669359	+++++	+++++	0.438	4.37	9.72
			1119873	1653517	3104306			14.6	19.4	38.9		
1,2,3-Trichlorobenzene	CBNZ d5	Ave	+++++	+++++	14337	120434	316917	+++++	+++++	0.411	4.10	9.12
			506268	735329	1462797			13.7	18.2	36.5		

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 29-Apr-2021 17:40:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045776-004
Misc. Info.: ic-01
Operator ID: ggg Instrument ID: CHG.i
Sublist: chrom-TO15_MasterMethod_(v1)_G*sub9

Method: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Apr-2021 09:38:24 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: bourdeaut Date: 30-Apr-2021 08:58:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.033	3.032	0.001	15	581	0.0331	0.1098	
2 Dichlorodifluoromethane	85	3.091	3.091	0.000	87	1418	0.0335	0.0501	
3 Chlorodifluoromethane	51	3.102	3.102	0.000	1	520	0.0336	0.0387	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.295				ND	ND	
5 Chloromethane	50	3.359	3.364	-0.005	1	108	0.0350	0.0174	
7 Vinyl chloride	62	3.557	3.551	0.006	1	343	0.0333	0.0447	
6 Butane	43	3.728	3.562	0.166	61	15301	0.0332	1.68	
8 Butadiene	54	3.626	3.626	0.000	1	175	0.0325	0.0332	M
10 Bromomethane	94	4.097	4.081	0.016	1	578	0.0331	0.0633	
11 Chloroethane	64		4.268				ND	ND	
12 2-Methylbutane	43		4.439				ND	ND	
13 Vinyl bromide	106	4.579	4.579	0.001	2	230	0.0334	0.0252	
14 Trichlorofluoromethane	101	4.718	4.712	0.006	28	656	0.0339	0.0227	
16 Pentane	43		4.873				ND	ND	
17 Ethanol	45	4.953	4.921	0.032	16	538	0.0642	0.1542	
18 Ethyl ether	59		5.188				ND	ND	
19 Acrolein	56		5.344				ND	ND	
21 1,1-Dichloroethene	96	5.552	5.563	-0.011	1	320	0.0330	0.0367	
22 Acetone	43	5.611	5.579	0.032	99	5369	0.0328	0.6238	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.590	5.600	-0.010	36	436	0.0336	0.0217	
24 Isopropyl alcohol	45	5.873	5.809	0.064	19	430	0.0328	0.0427	
23 Carbon disulfide	76	5.927	5.932	-0.005	61	715	0.0326	0.0300	
26 Acetonitrile	41	6.002	5.975	0.027	75	1306	0.0317	0.3540	
25 3-Chloro-1-propene	41	6.146	6.151	-0.005	12	118	0.0342	0.0146	
27 Methylene Chloride	49	6.349	6.349	0.000	23	717	0.0330	0.0794	
28 2-Methyl-2-propanol	59		6.515				ND	ND	
32 Acrylonitrile	53		6.681				ND	ND	
31 trans-1,2-Dichloroethene	61	6.836	6.852	-0.016	1	451	0.0327	0.0357	M
29 Methyl tert-butyl ether	73	6.911	6.868	0.043	1	842	0.0335	0.0475	
33 Hexane	57	7.366	7.376	-0.010	18	365	0.0340	0.0384	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 1,1-Dichloroethane	63	7.548	7.564	-0.016	1	474	0.0321	0.0350	M
35 Vinyl acetate	43	7.612	7.580	0.032	55	356	0.0333	0.0318	
38 2-Butanone (MEK)	72	8.527	8.489	0.038	56	407	0.0332	0.1409	
37 cis-1,2-Dichloroethene	96	8.521	8.521	0.000	1	209	0.0324	0.0249	M
39 Ethyl acetate	88		8.607				ND	ND	
* 40 Chlorobromomethane	128	8.928	8.928	0.000	81	113100	10.0	10.0	
41 Tetrahydrofuran	42	8.965	9.008	-0.043	1	157	0.0320	0.0256	
42 Chloroform	83	9.110	9.110	0.000	11	418	0.0324	0.0191	
44 1,1,1-Trichloroethane	97	9.458	9.452	0.006	1	502	0.0327	0.0197	
43 Cyclohexane	84	9.618	9.634	-0.016	1	111	0.0326	0.009855	
S 30 1,2-Dichloroethene, Total	61				0		0.0651	0.0606	
45 Carbon tetrachloride	117	9.779	9.757	0.022	5	849	0.0326	0.0286	M
47 Benzene	78	10.084	10.094	-0.010	3	1095	0.0331	0.0371	
48 1,2-Dichloroethane	62		10.142				ND	ND	
46 Isooctane	57		10.404				ND	ND	
49 n-Heptane	43	10.736	10.741	-0.005	2	283	0.0337	0.0164	
* 50 1,4-Difluorobenzene	114	10.891	10.897	-0.005	94	599914	10.0	10.0	
52 n-Butanol	56	10.902	11.132	-0.230	23	14212	0.0306	2.03	
53 Trichloroethene	95	11.373	11.389	-0.016	12	677	0.0338	0.0329	M
54 1,2-Dichloropropane	63		11.859				ND	ND	
55 Methyl methacrylate	69		12.009				ND	ND	
56 1,4-Dioxane	88	12.084	12.020	0.064	23	331	0.0339	0.0479	
57 Dibromomethane	174	12.031	12.020	0.011	61	747	0.0330	0.0353	
58 Dichlorobromomethane	83	12.368	12.384	-0.016	1	480	0.0339	0.0159	
60 cis-1,3-Dichloropropene	75	13.283	13.277	0.006	1	810	0.0333	0.0384	
61 4-Methyl-2-pentanone (MIBK)	43	13.598	13.577	0.021	6	538	0.0328	0.0208	
A 63 Toluene Range	92	13.999	(13.959-14.039)		0	3257	NC	NC	
65 Toluene	92	13.999	13.999	0.000	36	1461	0.0326	0.0590	
A 62 C8 Range	1	14.344	(14.308-14.408)		0	3847	NC	NC	
64 n-Octane	43	14.369	14.358	0.011	7	1381	0.0331	0.0477	
66 trans-1,3-Dichloropropene	75	14.417	14.422	-0.005	1	195	0.0317	0.0102	
67 1,1,2-Trichloroethane	83	14.818	14.818	0.000	1	155	0.0336	0.0118	
68 Tetrachloroethene	166	15.096	15.091	0.005	89	1051	0.0337	0.0392	M
69 2-Hexanone	43	15.294	15.294	0.000	25	499	0.0320	0.0194	
71 Chlorodibromomethane	129	15.615	15.610	0.005	1	852	0.0310	0.0248	
72 Ethylene Dibromide	107	15.861	15.856	0.005	28	591	0.0340	0.0251	
* 74 Chlorobenzene-d5	117	16.856	16.856	0.000	87	579120	10.0	10.0	
75 Chlorobenzene	112	16.920	16.915	0.005	17	1266	0.0336	0.0371	
76 Ethylbenzene	91	17.145	17.150	-0.005	95	5139	0.0328	0.0899	
78 m-Xylene & p-Xylene	106	17.434	17.434	0.000	0	446	0.0659	0.0224	
77 n-Nonane	57	17.568	17.573	-0.005	1	948	0.0336	0.0368	
79 o-Xylene	106	18.247	18.236	0.011	95	964	0.0332	0.0454	
80 Styrene	104	18.242	18.263	-0.021	46	298	0.0331	0.0103	
81 Bromoform	173	18.606	18.605	0.001	1	306	0.0330	0.0101	
82 Isopropylbenzene	105	19.039	19.033	0.006	1	1053	0.0334	0.0176	
* 83 4-Bromofluorobenzene	95	19.349	19.349	0.000	93	452743	10.0	10.0	
84 1,1,2,2-Tetrachloroethane	83	19.355	19.568	-0.213	38	225	0.0332	0.006381	
S 73 Xylenes, Total	106				0		0.0992	0.0679	
86 1,2,3-Trichloropropane	75		19.670				ND	ND	
85 N-Propylbenzene	91	19.836	19.836	0.000	93	2660	0.0334	0.0375	
89 2-Chlorotoluene	91		19.975				ND	ND	
88 4-Ethyltoluene	105	20.055	20.061	-0.006	93	2366	0.0331	0.0407	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,3,5-Trimethylbenzene	105		20.168				ND	ND	
87 n-Decane	57	20.264	20.253	0.011	1	1061	0.0334	0.0364	
91 Alpha Methyl Styrene	118	20.510	20.510	0.000	1	430	0.0327	0.0174	
92 tert-Butylbenzene	119	20.687	20.686	0.001	10	902	0.0332	0.0186	
93 1,2,4-Trimethylbenzene	105	20.778	20.777	0.001	2	2272	0.0334	0.0430	
94 sec-Butylbenzene	105	21.040	21.034	0.006	7	3062	0.0335	0.0412	
96 1,3-Dichlorobenzene	146	21.200	21.195	0.005	13	1113	0.0339	0.0294	
95 4-Isopropyltoluene	119	21.264	21.270	-0.006	17	2634	0.0331	0.0413	
97 1,4-Dichlorobenzene	146	21.339	21.344	-0.005	14	1920	0.0336	0.0514	
98 Benzyl chloride	91	21.484	21.489	-0.005	1	1102	0.0339	0.0235	
101 1,2-Dichlorobenzene	146	21.842	21.842	0.000	69	2118	0.0335	0.0553	
100 n-Butylbenzene	91	21.848	21.847	0.001	95	2199	0.0333	0.0368	
99 Undecane	57	22.045	22.040	0.005	1	1478	0.0335	0.0479	
102 Dodecane	57	23.597	23.607	-0.010	1	922	0.0300	0.0322	
103 1,2,4-Trichlorobenzene	180	24.233	24.239	-0.006	1	1938	0.0348	0.0598	
104 Hexachlorobutadiene	225	24.506	24.512	-0.006	1	2090	0.0329	0.0510	
105 Naphthalene	128	24.678	24.677	0.001	94	2799	0.0312	0.0403	
106 1,2,3-Trichlorobenzene	180	25.073	25.079	-0.006	1	731	0.0292	0.0214	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL1w_00228	Amount Added: 32.00	Units: mL	
ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

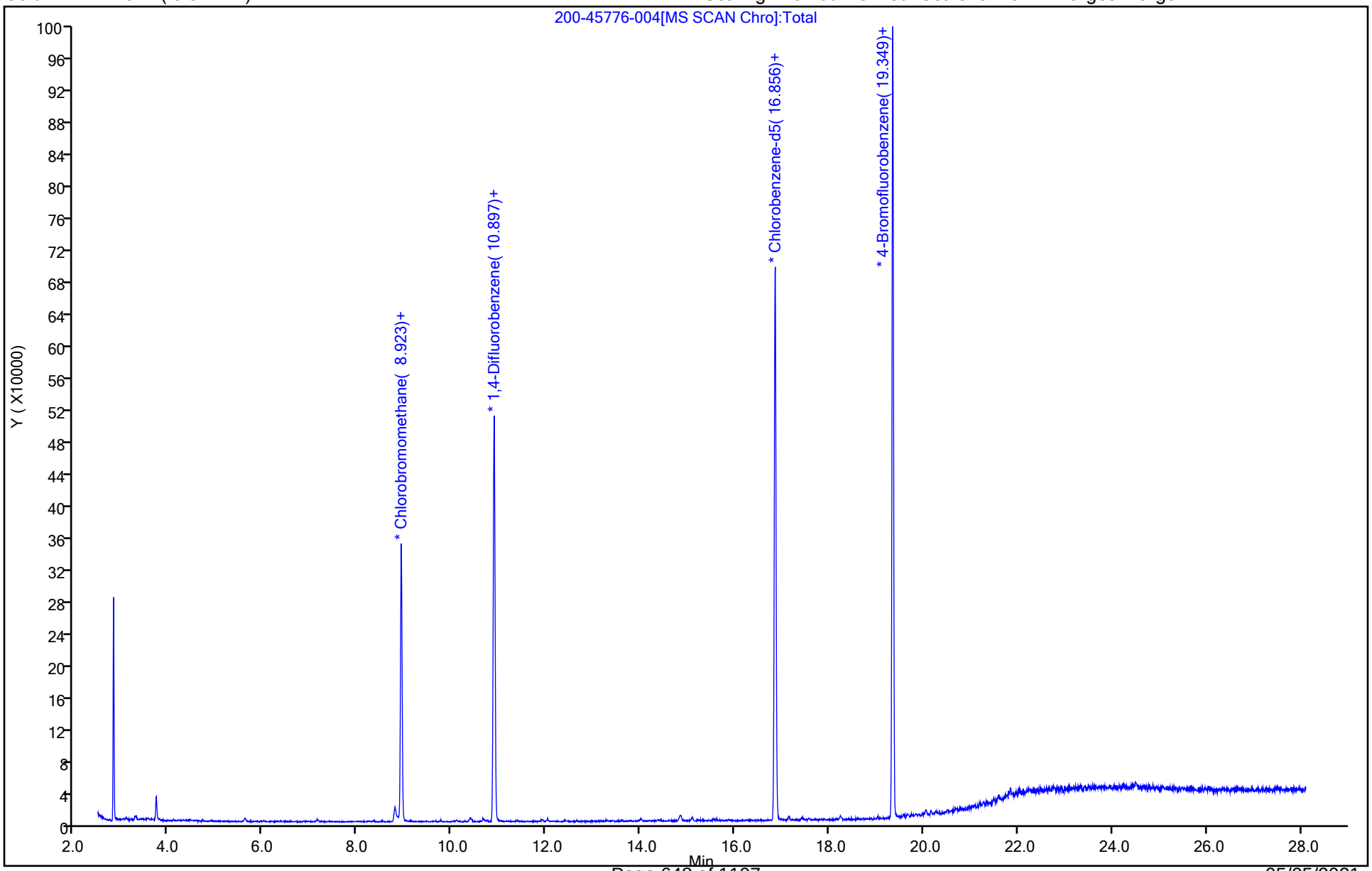
Report Date: 30-Apr-2021 09:38:24 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-004.D

Injection Date:	29-Apr-2021 17:40:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	ic			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

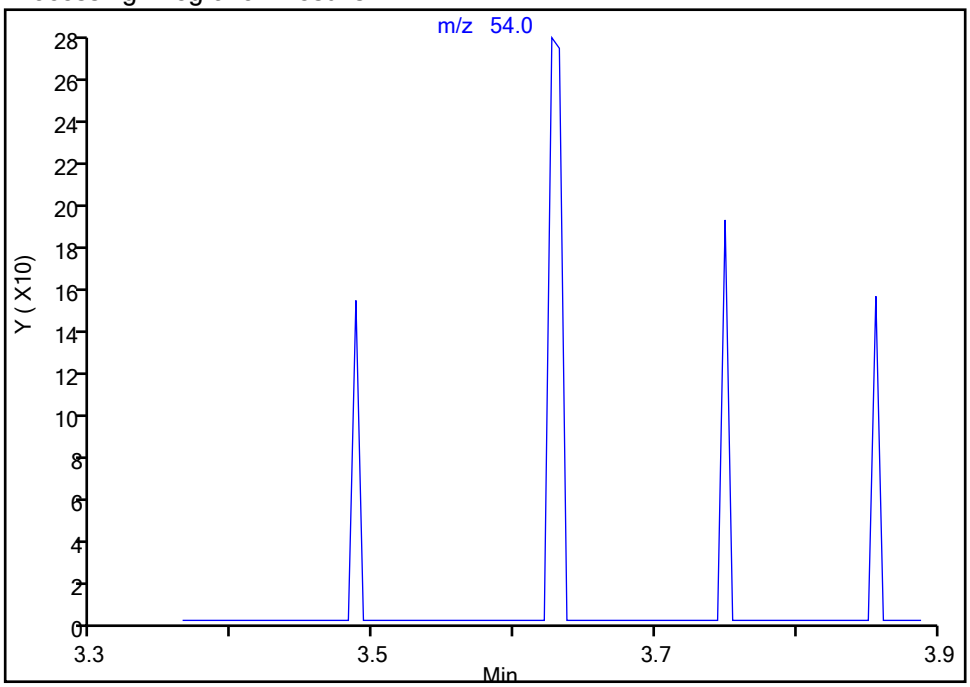
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-004.D				
Injection Date:	29-Apr-2021 17:40:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

8 Butadiene, CAS: 106-99-0

Signal: 1

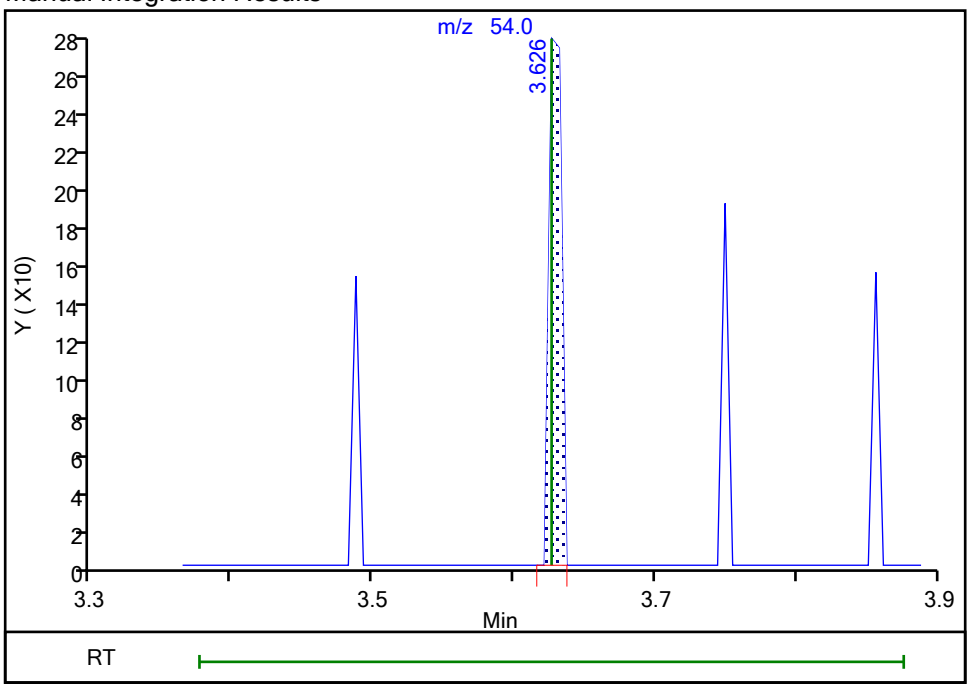
Not Detected
Expected RT: 3.63

Processing Integration Results



Manual Integration Results

RT: 3.63
Area: 175
Amount: 0.033225
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:01:15
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

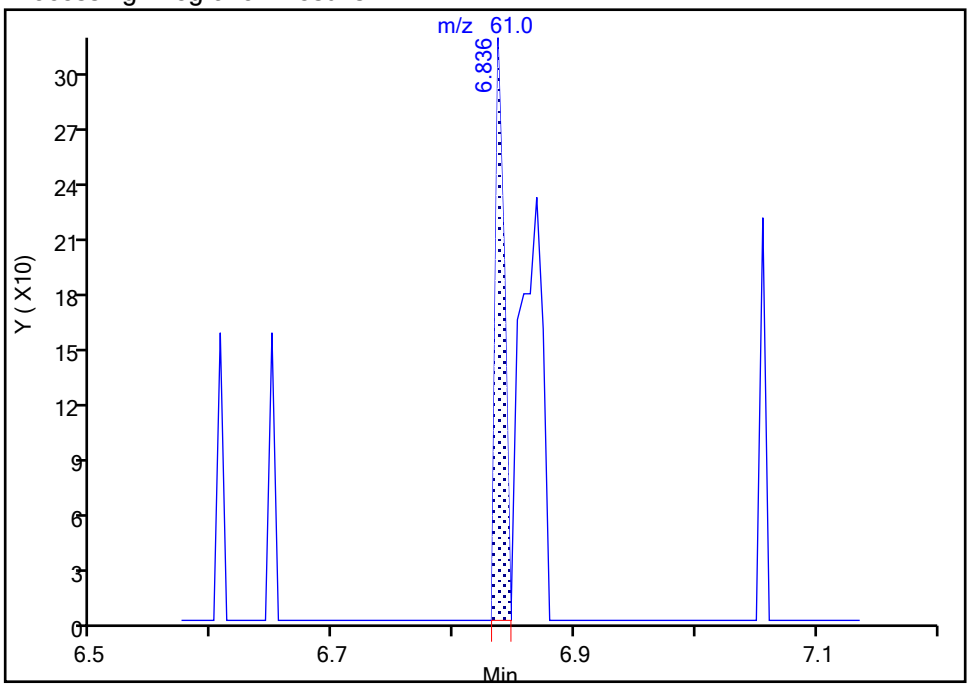
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-004.D				
Injection Date:	29-Apr-2021 17:40:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

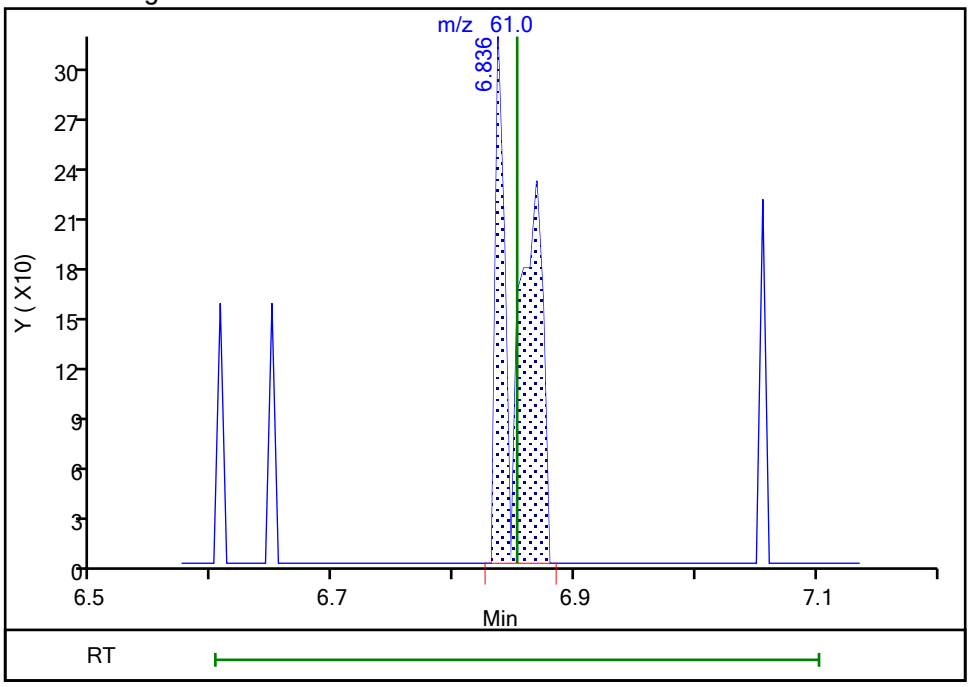
Processing Integration Results

RT: 6.84
Area: 162
Amount: 0.011440
Amount Units: ppb v/v



Manual Integration Results

RT: 6.84
Area: 451
Amount: 0.035702
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:02:13

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

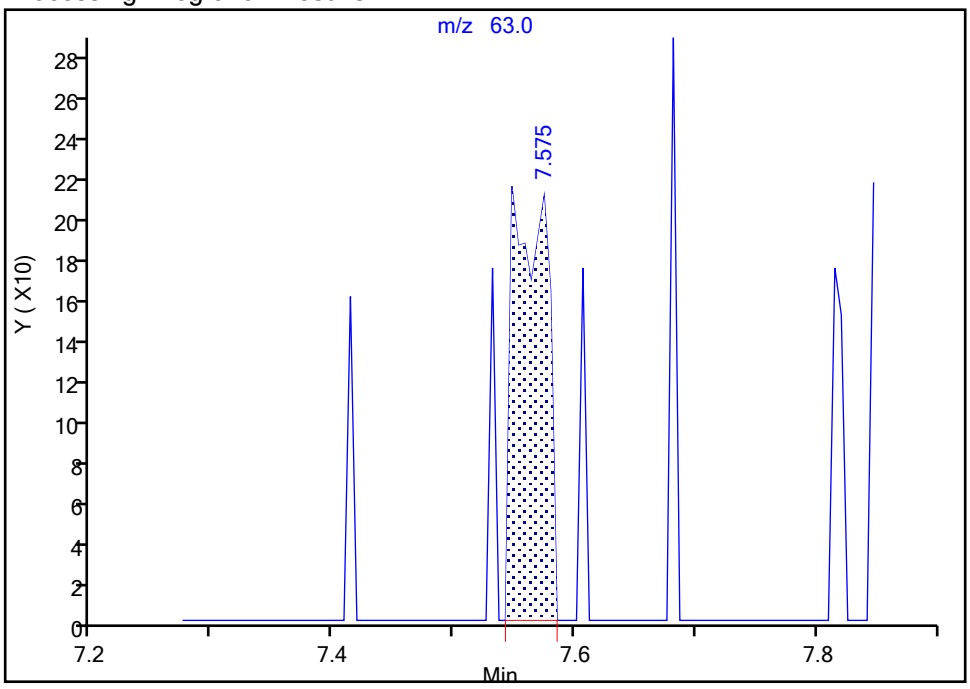
Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-004.D
Injection Date: 29-Apr-2021 17:40:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

34 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

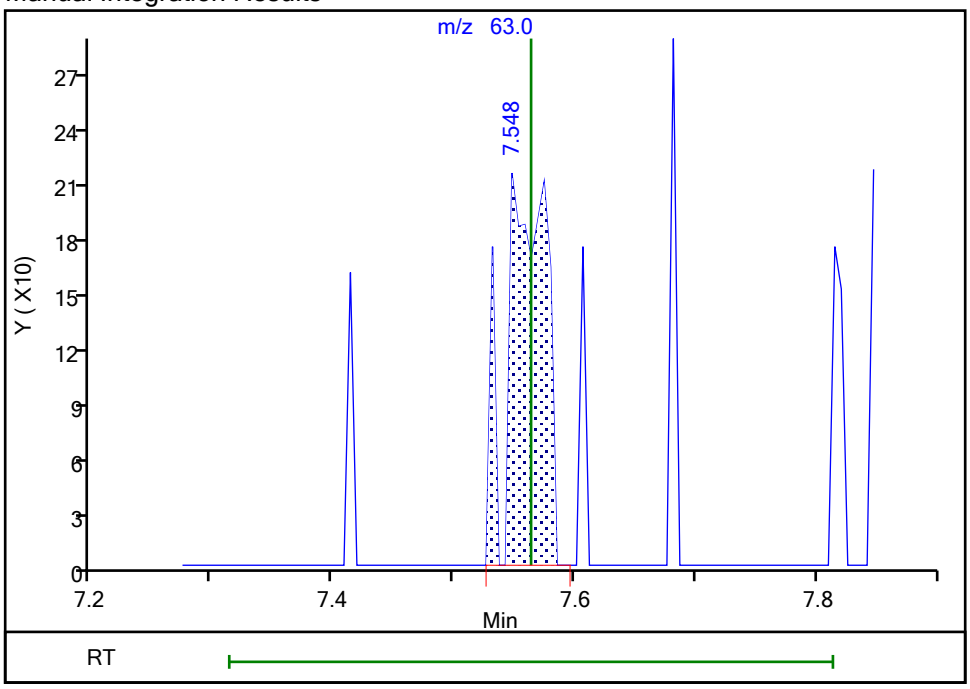
Processing Integration Results

RT: 7.57
Area: 419
Amount: 0.027618
Amount Units: ppb v/v



Manual Integration Results

RT: 7.55
Area: 474
Amount: 0.034962
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:02:24
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

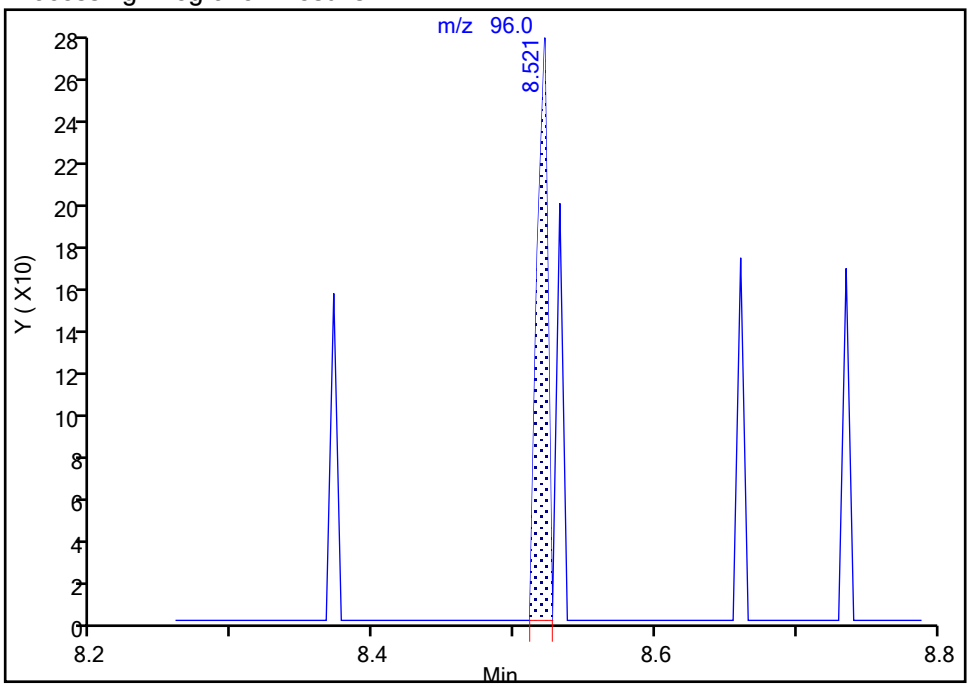
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-004.D				
Injection Date:	29-Apr-2021 17:40:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

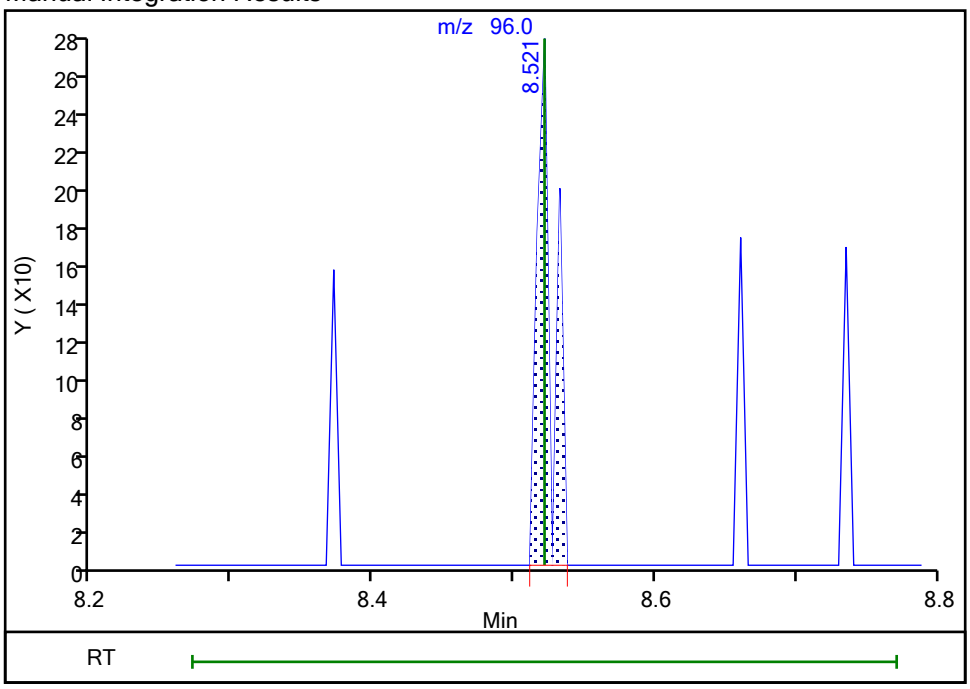
Processing Integration Results

RT: 8.52
Area: 146
Amount: 0.015123
Amount Units: ppb v/v



Manual Integration Results

RT: 8.52
Area: 209
Amount: 0.024882
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:02:35

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

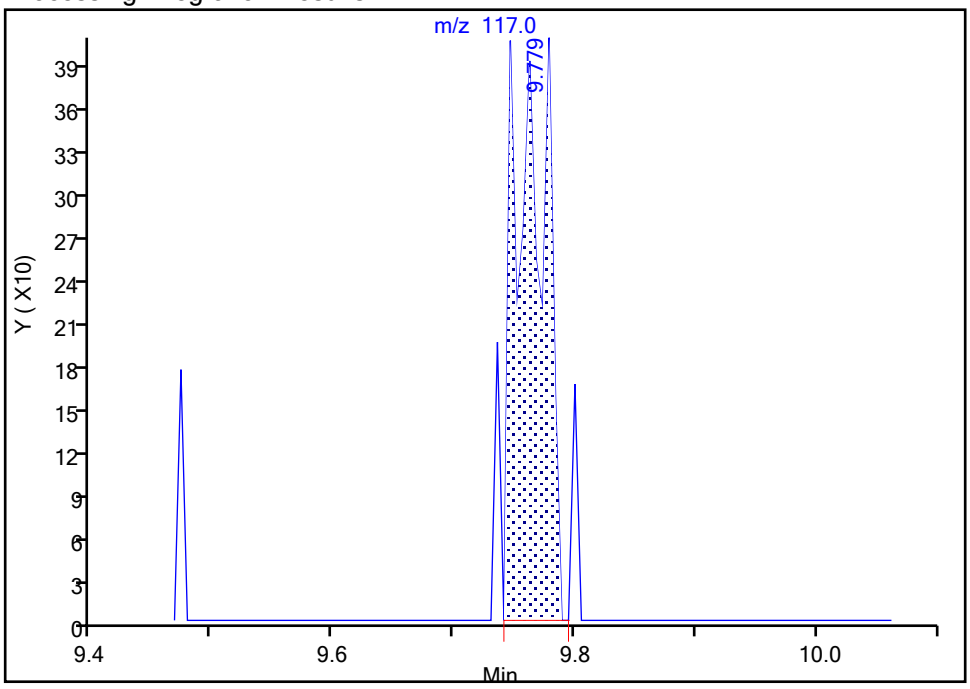
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-004.D				
Injection Date:	29-Apr-2021 17:40:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

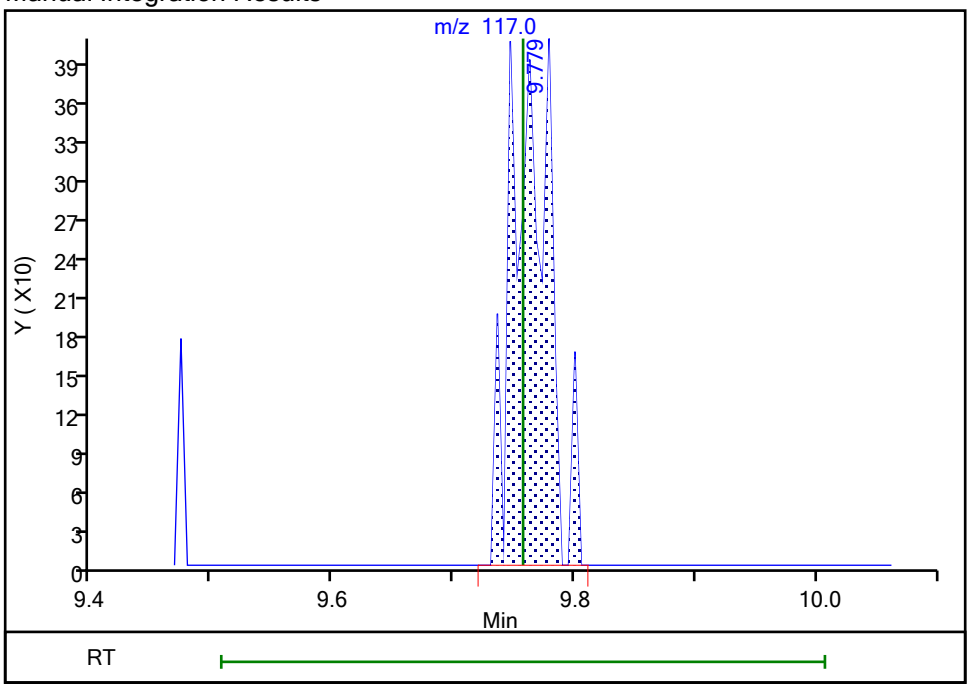
Processing Integration Results

RT: 9.78
Area: 735
Amount: 0.021285
Amount Units: ppb v/v



Manual Integration Results

RT: 9.78
Area: 849
Amount: 0.028570
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:02:47

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

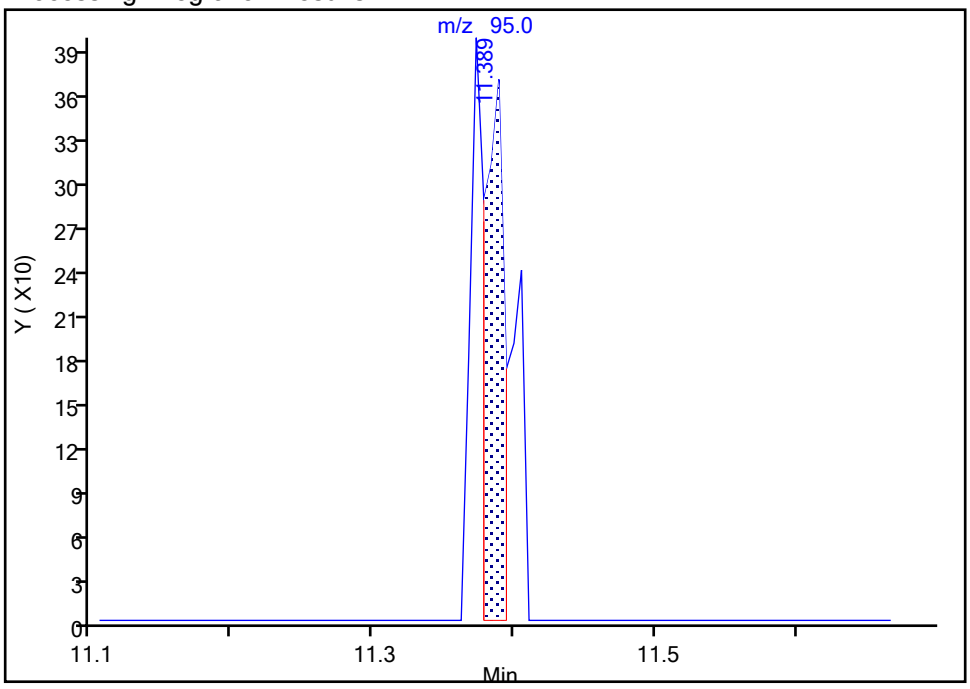
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-004.D				
Injection Date:	29-Apr-2021 17:40:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 Trichloroethene, CAS: 79-01-6

Signal: 1

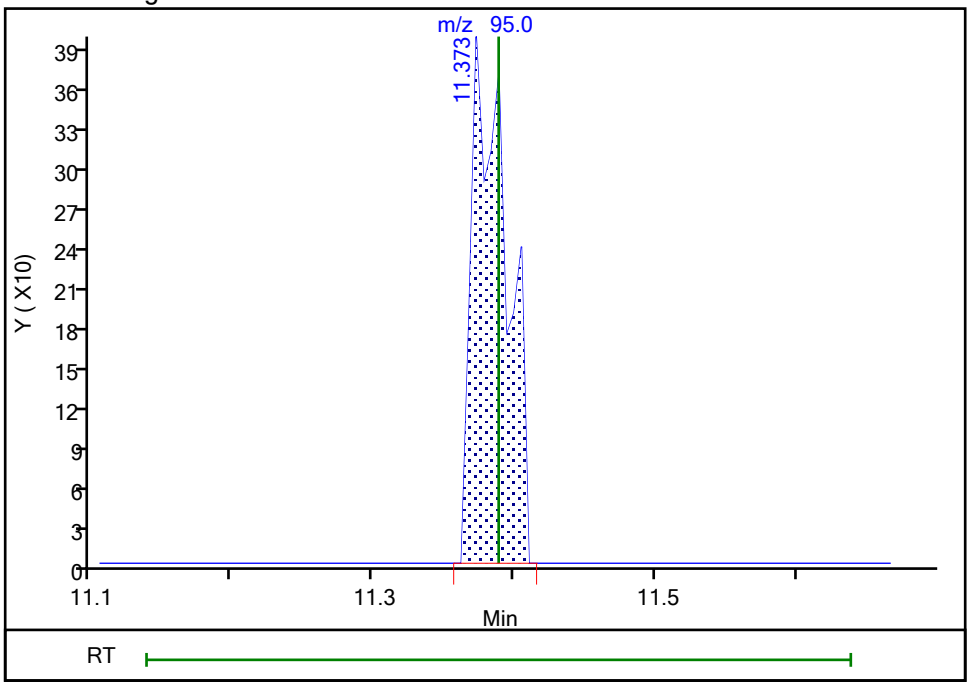
Processing Integration Results

RT: 11.39
Area: 360
Amount: 0.016116
Amount Units: ppb v/v



Manual Integration Results

RT: 11.37
Area: 677
Amount: 0.032905
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:02:58

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

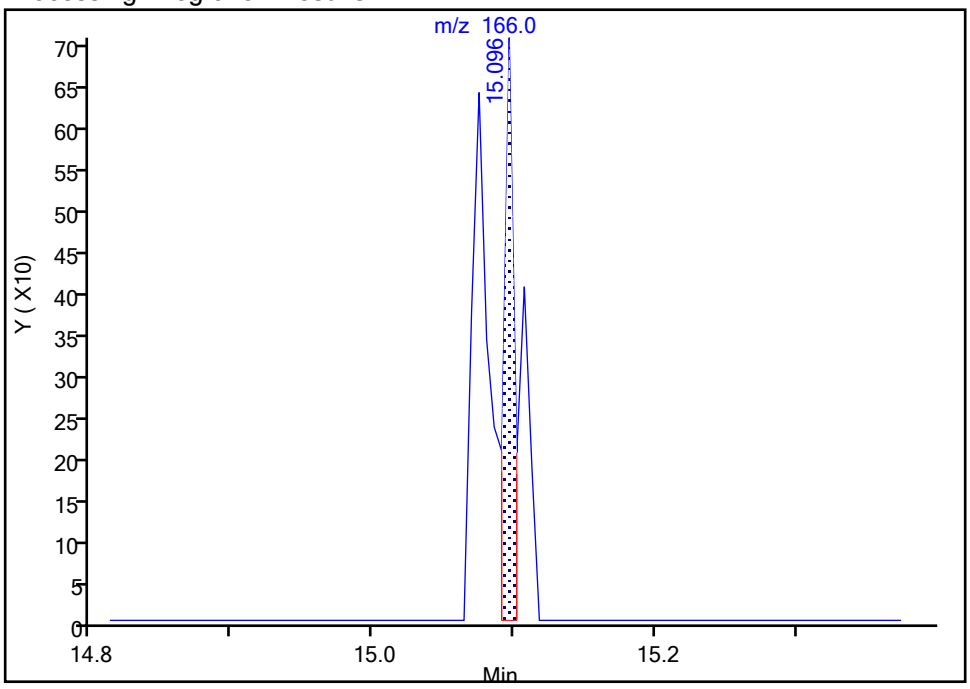
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-004.D				
Injection Date:	29-Apr-2021 17:40:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

68 Tetrachloroethene, CAS: 127-18-4

Signal: 1

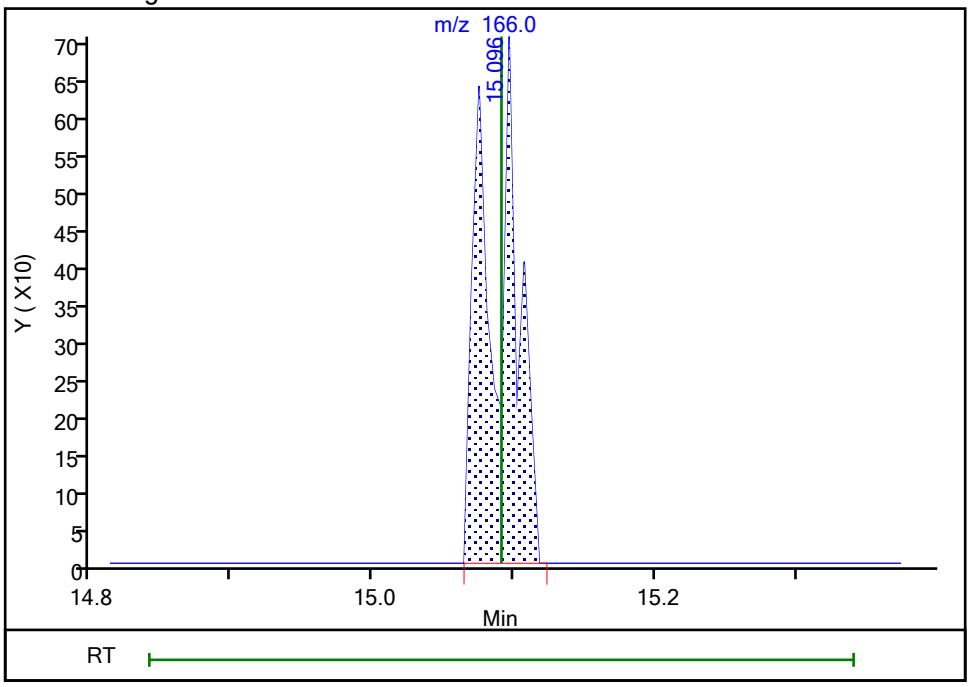
Processing Integration Results

RT: 15.10
Area: 356
Amount: 0.012805
Amount Units: ppb v/v



Manual Integration Results

RT: 15.10
Area: 1051
Amount: 0.039234
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:03:06

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 29-Apr-2021 18:32:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045776-005
Misc. Info.: ic-02
Operator ID: ggg Instrument ID: CHG.i
Sublist: chrom-TO15_MasterMethod_(v1)_G*sub9

Method: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Apr-2021 09:38:29 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: bourdeaut Date: 30-Apr-2021 09:19:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.043	3.032	0.011	90	1727	0.1862	0.3233	
2 Dichlorodifluoromethane	85	3.091	3.091	0.000	95	6449	0.1883	0.2257	
3 Chlorodifluoromethane	51	3.107	3.102	0.005	95	2666	0.1891	0.1967	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.300	3.295	0.005	92	5825	0.1878	0.2188	
5 Chloromethane	50	3.369	3.364	0.005	31	1675	0.1970	0.2679	
7 Vinyl chloride	62	3.557	3.551	0.006	95	1651	0.1874	0.2131	
6 Butane	43	3.562	3.562	0.000	87	2656	0.1869	0.2882	
8 Butadiene	54	3.621	3.626	-0.005	48	1190	0.1826	0.2238	
10 Bromomethane	94	4.081	4.081	0.000	85	1717	0.1860	0.1864	
11 Chloroethane	64	4.274	4.268	0.006	11	521	0.1874	0.1791	
12 2-Methylbutane	43	4.434	4.439	-0.005	88	2479	0.1883	0.3115	
13 Vinyl bromide	106	4.578	4.579	0.000	56	1866	0.1880	0.2029	
14 Trichlorofluoromethane	101	4.707	4.712	-0.005	97	6461	0.1905	0.2214	
16 Pentane	43	4.883	4.873	0.010	94	2972	0.1827	0.2557	
17 Ethanol	45	4.937	4.921	0.016	85	2119	0.3608	0.6015	
18 Ethyl ether	59	5.220	5.188	0.032	61	754	0.1818	0.2152	
19 Acrolein	56		5.344				ND	ND	
21 1,1-Dichloroethene	96	5.568	5.563	0.005	76	2080	0.1854	0.2361	M
22 Acetone	43	5.600	5.579	0.021	98	8279	0.1847	0.9529	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.595	5.600	-0.005	67	4752	0.1892	0.2342	
24 Isopropyl alcohol	45	5.846	5.809	0.037	49	2216	0.1844	0.2181	
23 Carbon disulfide	76	5.937	5.932	0.005	98	6057	0.1833	0.2516	
26 Acetonitrile	41	5.991	5.975	0.016	70	1517	0.1786	0.4074	
25 3-Chloro-1-propene	41	6.151	6.151	0.000	50	1740	0.1921	0.2132	
27 Methylene Chloride	49	6.344	6.349	-0.005	75	2078	0.1854	0.2279	
28 2-Methyl-2-propanol	59	6.558	6.515	0.043	30	2265	0.1945	0.1803	
32 Acrylonitrile	53	6.697	6.681	0.016	50	495	0.1824	0.1475	
31 trans-1,2-Dichloroethene	61	6.852	6.852	0.000	70	2891	0.1840	0.2267	
29 Methyl tert-butyl ether	73	6.884	6.868	0.016	67	3793	0.1885	0.2119	
33 Hexane	57	7.387	7.376	0.011	64	2520	0.1910	0.2628	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 1,1-Dichloroethane	63	7.558	7.564	-0.006	31	2691	0.1804	0.1966	
35 Vinyl acetate	43	7.580	7.580	0.000	81	2414	0.1874	0.2139	
38 2-Butanone (MEK)	72	8.527	8.489	0.038	96	798	0.1865	0.2737	
37 cis-1,2-Dichloroethene	96	8.527	8.521	0.006	92	1601	0.1822	0.1888	M
39 Ethyl acetate	88		8.607				ND	ND	
* 40 Chlorobromomethane	128	8.922	8.928	-0.006	80	114176	10.0	10.0	
41 Tetrahydrofuran	42	9.056	9.008	0.048	49	1713	0.1802	0.2718	
42 Chloroform	83	9.104	9.110	-0.006	95	4511	0.1822	0.2038	M
44 1,1,1-Trichloroethane	97	9.452	9.452	0.000	78	5138	0.1838	0.1956	M
43 Cyclohexane	84	9.629	9.634	-0.005	93	2437	0.1831	0.2101	M
S 30 1,2-Dichloroethene, Total	61				0		0.3662	0.4155	
45 Carbon tetrachloride	117	9.757	9.757	0.000	97	5592	0.1833	0.1827	
47 Benzene	78	10.094	10.094	0.000	97	7756	0.1863	0.2553	M
48 1,2-Dichloroethane	62	10.137	10.142	-0.005	83	3180	0.1869	0.2197	
46 Isooctane	57	10.399	10.404	-0.005	88	11095	0.1889	0.2259	
49 n-Heptane	43	10.747	10.741	0.006	86	3740	0.1896	0.2099	M
* 50 1,4-Difluorobenzene	114	10.896	10.897	0.000	94	617731	10.0	10.0	
52 n-Butanol	56	11.153	11.132	0.021	67	2162	0.1723	0.3006	
53 Trichloroethene	95	11.383	11.389	-0.006	95	4479	0.1900	0.2114	M
54 1,2-Dichloropropane	63	11.843	11.859	-0.016	27	2790	0.1860	0.2190	M
55 Methyl methacrylate	69	12.025	12.009	0.016	58	1889	0.1833	0.1778	
56 1,4-Dioxane	88	12.063	12.020	0.043	50	1562	0.1909	0.2195	
57 Dibromomethane	174	12.031	12.020	0.011	92	5101	0.1858	0.2344	
58 Dichlorobromomethane	83	12.378	12.384	-0.006	97	6166	0.1907	0.1980	
60 cis-1,3-Dichloropropene	75	13.277	13.277	0.000	93	4273	0.1874	0.1968	M
61 4-Methyl-2-pentanone (MIBK)	43	13.593	13.577	0.016	96	4892	0.1847	0.1836	
A 63 Toluene Range	92	13.999	(13.959-14.039)		0	9310	NC	NC	
65 Toluene	92	14.005	13.999	0.006	92	5316	0.1833	0.2322	
A 62 C8 Range	1	14.344	(14.308-14.408)		0	24326	NC	NC	
64 n-Octane	43	14.368	14.358	0.010	91	6103	0.1863	0.2048	
66 trans-1,3-Dichloropropene	75	14.427	14.422	0.005	53	3577	0.1782	0.1814	
67 1,1,2-Trichloroethane	83	14.818	14.818	0.000	50	2490	0.1891	0.2051	M
68 Tetrachloroethene	166	15.091	15.091	0.000	91	5478	0.1894	0.2213	M
69 2-Hexanone	43	15.283	15.294	-0.011	43	2421	0.1802	0.1020	
71 Chlorodibromomethane	129	15.610	15.610	0.000	92	5438	0.1746	0.1714	
72 Ethylene Dibromide	107	15.856	15.856	0.000	96	4816	0.1914	0.2212	
* 74 Chlorobenzene-d5	117	16.851	16.856	-0.005	88	535103	10.0	10.0	
75 Chlorobenzene	112	16.915	16.915	0.000	93	6652	0.1892	0.2109	
76 Ethylbenzene	91	17.150	17.150	0.000	98	12744	0.1844	0.2414	
78 m-Xylene & p-Xylene	106	17.434	17.434	0.000	0	7195	0.3709	0.3918	M
77 n-Nonane	57	17.578	17.573	0.005	85	5244	0.1891	0.2204	
79 o-Xylene	106	18.247	18.236	0.011	95	4785	0.1869	0.2440	M
80 Styrene	104	18.258	18.263	-0.005	81	4564	0.1862	0.1700	
81 Bromoform	173	18.600	18.605	-0.005	93	4468	0.1856	0.1599	
82 Isopropylbenzene	105	19.039	19.033	0.006	95	11483	0.1882	0.2075	
* 83 4-Bromofluorobenzene	95	19.344	19.349	-0.005	93	411669	10.0	10.0	
84 1,1,2,2-Tetrachloroethane	83	19.563	19.568	-0.005	97	6962	0.1865	0.2137	
S 73 Xylenes, Total	106				0		0.5578	0.6358	
86 1,2,3-Trichloropropane	75	19.665	19.670	-0.005	96	5324	0.1910	0.2161	
85 N-Propylbenzene	91	19.836	19.836	0.000	98	12516	0.1876	0.1912	
89 2-Chlorotoluene	91	19.975	19.975	0.000	96	8871	0.1883	0.2033	
88 4-Ethyltoluene	105	20.050	20.061	-0.011	96	10106	0.1863	0.1879	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,3,5-Trimethylbenzene	105	20.167	20.168	-0.001	93	9446	0.1874	0.1973	
87 n-Decane	57	20.253	20.253	0.000	92	5281	0.1880	0.1960	
91 Alpha Methyl Styrene	118	20.521	20.510	0.011	79	4126	0.1840	0.1810	
92 tert-Butylbenzene	119	20.686	20.686	0.000	88	9279	0.1869	0.2069	M
93 1,2,4-Trimethylbenzene	105	20.772	20.777	-0.005	93	10166	0.1876	0.2081	
94 sec-Butylbenzene	105	21.029	21.034	-0.005	98	14149	0.1887	0.2060	
96 1,3-Dichlorobenzene	146	21.189	21.195	-0.006	95	7210	0.1909	0.2059	M
95 4-Isopropyltoluene	119	21.270	21.270	0.000	96	11880	0.1860	0.2016	
97 1,4-Dichlorobenzene	146	21.344	21.344	0.000	87	6632	0.1889	0.1923	
98 Benzyl chloride	91	21.489	21.489	0.000	98	7062	0.1909	0.1631	
101 1,2-Dichlorobenzene	146	21.842	21.842	0.000	81	7528	0.1883	0.2127	
100 n-Butylbenzene	91	21.847	21.847	0.000	97	10909	0.1874	0.1973	
99 Undecane	57	22.040	22.040	0.000	91	5799	0.1887	0.2036	
102 Dodecane	57	23.602	23.607	-0.005	95	4167	0.1689	0.1577	
103 1,2,4-Trichlorobenzene	180	24.233	24.239	-0.006	89	5542	0.1959	0.1849	
104 Hexachlorobutadiene	225	24.501	24.512	-0.011	94	8915	0.1851	0.2353	
105 Naphthalene	128	24.677	24.677	0.000	58	8758	0.1753	0.1363	
106 1,2,3-Trichlorobenzene	180	25.068	25.079	-0.011	93	5660	0.1645	0.1794	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL1w_00228	Amount Added: 180.00	Units: mL	
ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

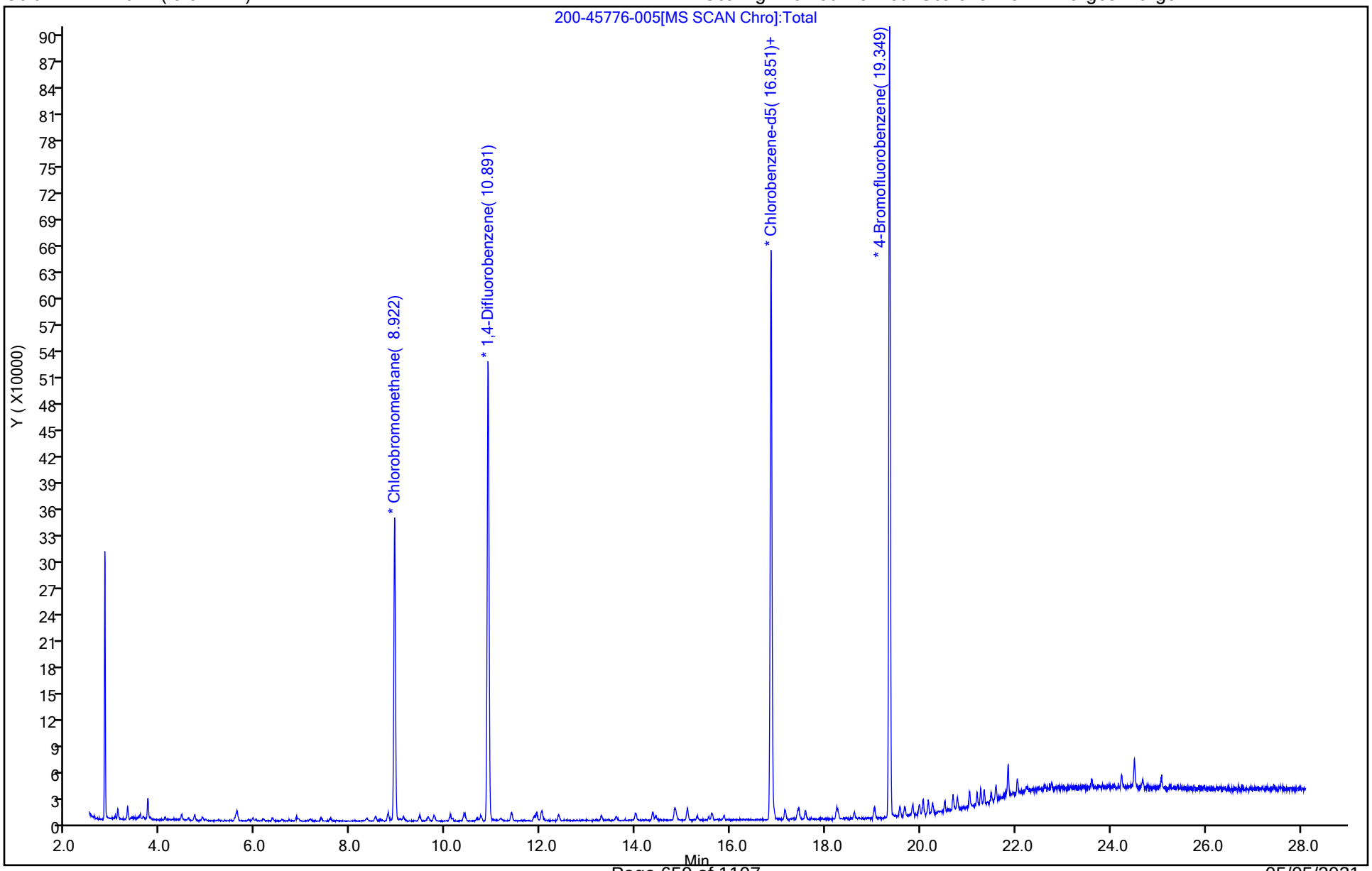
Report Date: 30-Apr-2021 09:38:29 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D

Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	ic			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington

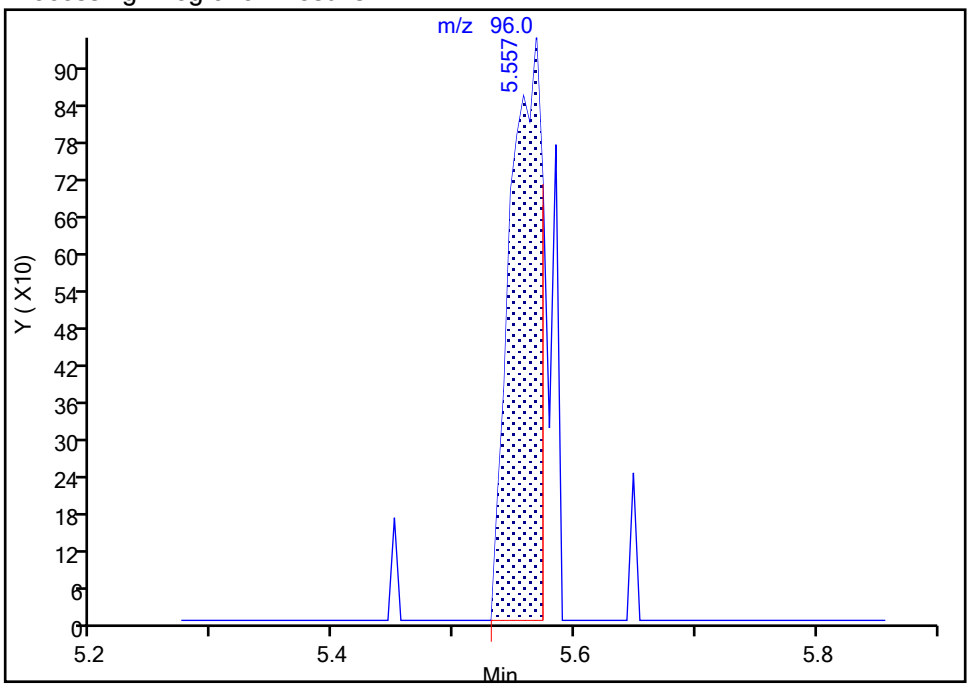
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D				
Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

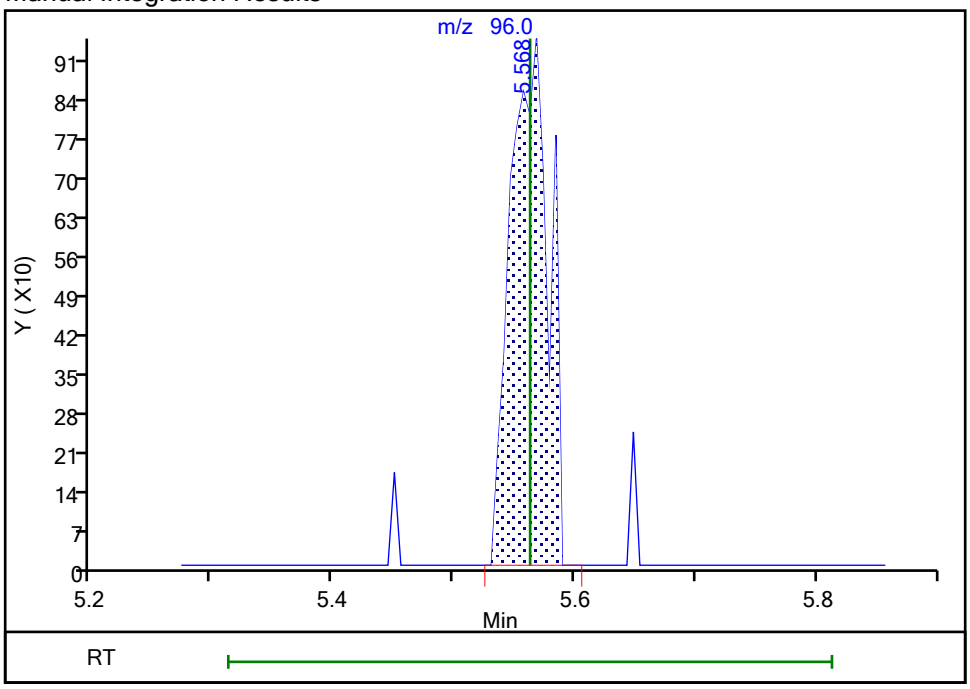
Processing Integration Results

RT: 5.56
Area: 1731
Amount: 0.179299
Amount Units: ppb v/v



Manual Integration Results

RT: 5.57
Area: 2080
Amount: 0.236056
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:05:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

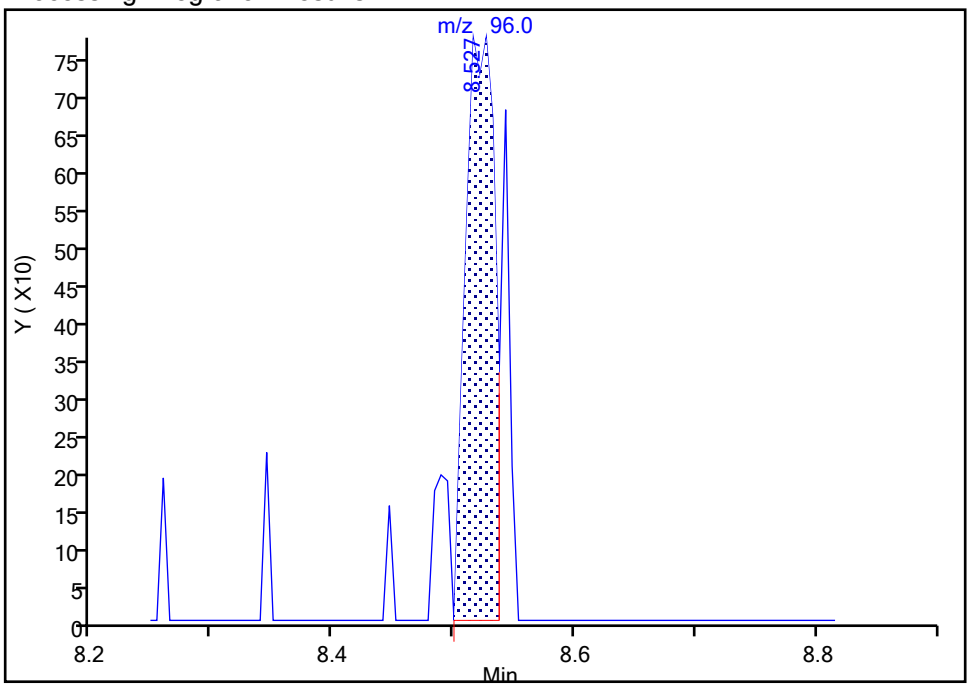
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D				
Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

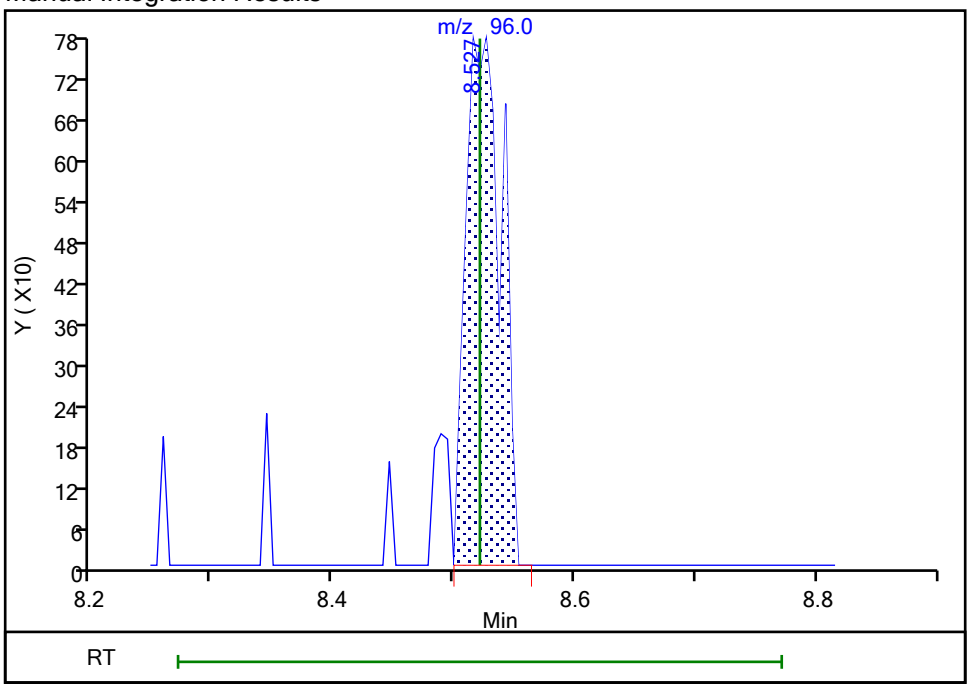
Processing Integration Results

RT: 8.53
Area: 1317
Amount: 0.140974
Amount Units: ppb v/v



Manual Integration Results

RT: 8.53
Area: 1601
Amount: 0.188805
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:07:20

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

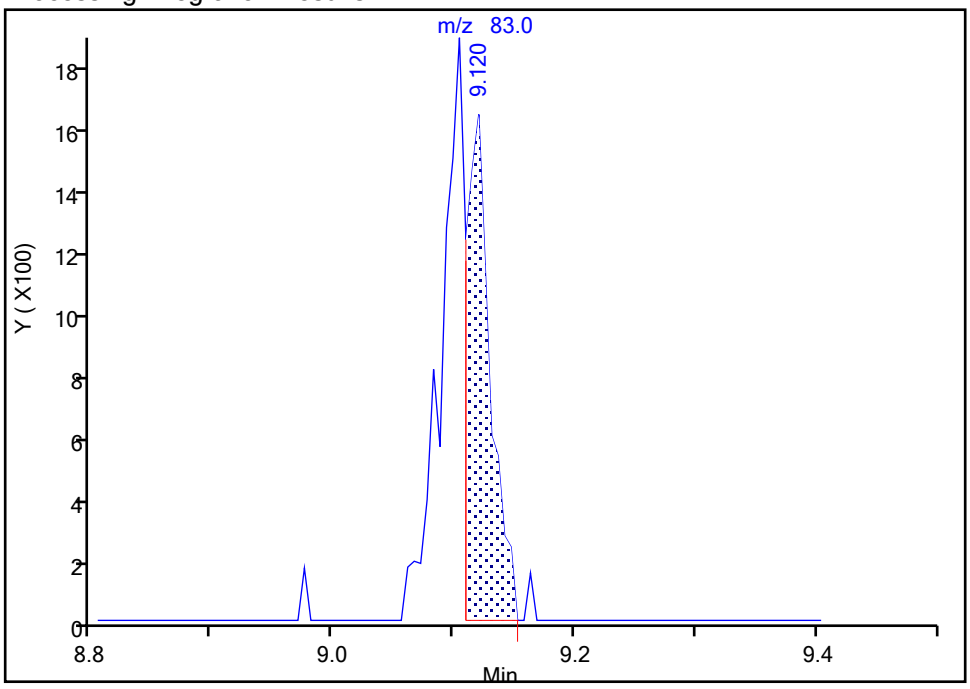
Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D
Injection Date: 29-Apr-2021 18:32:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

42 Chloroform, CAS: 67-66-3

Signal: 1

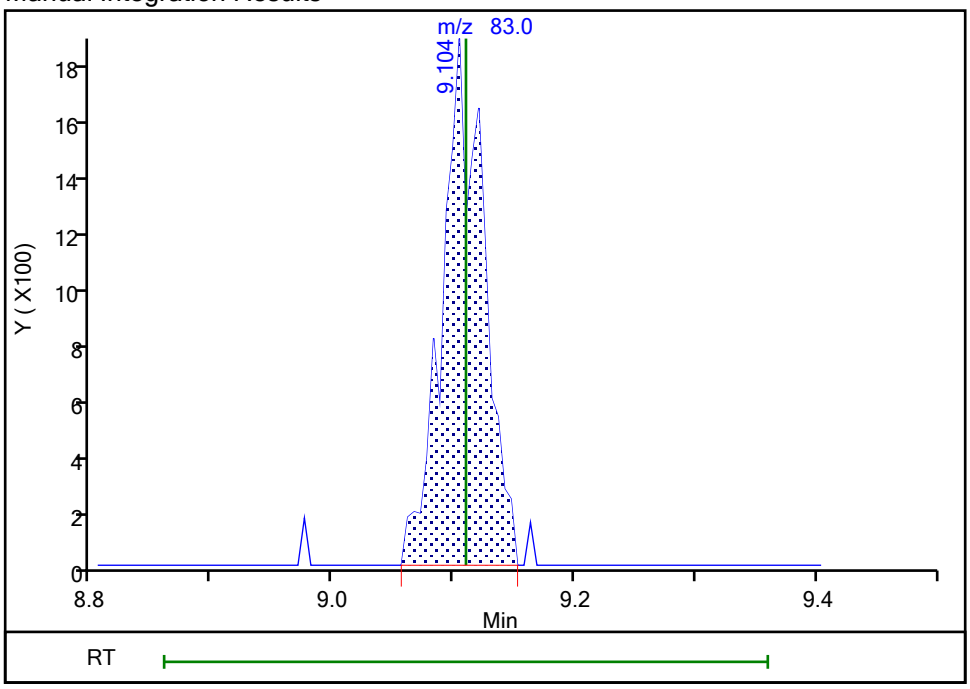
Processing Integration Results

RT: 9.12
Area: 2279
Amount: 0.097480
Amount Units: ppb v/v



Manual Integration Results

RT: 9.10
Area: 4511
Amount: 0.203821
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:07:38
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

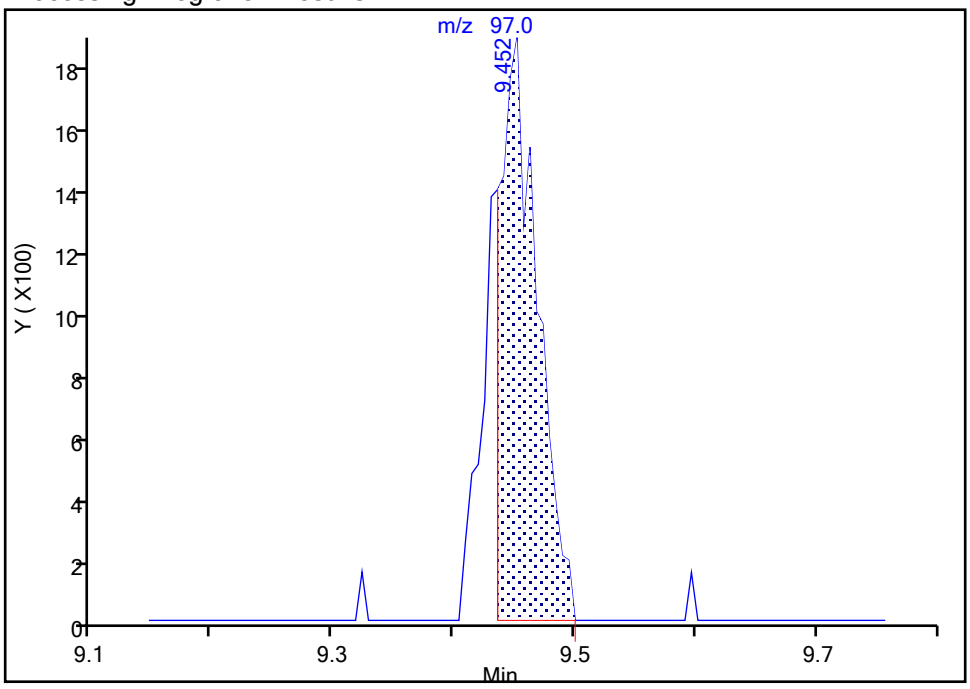
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D				
Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

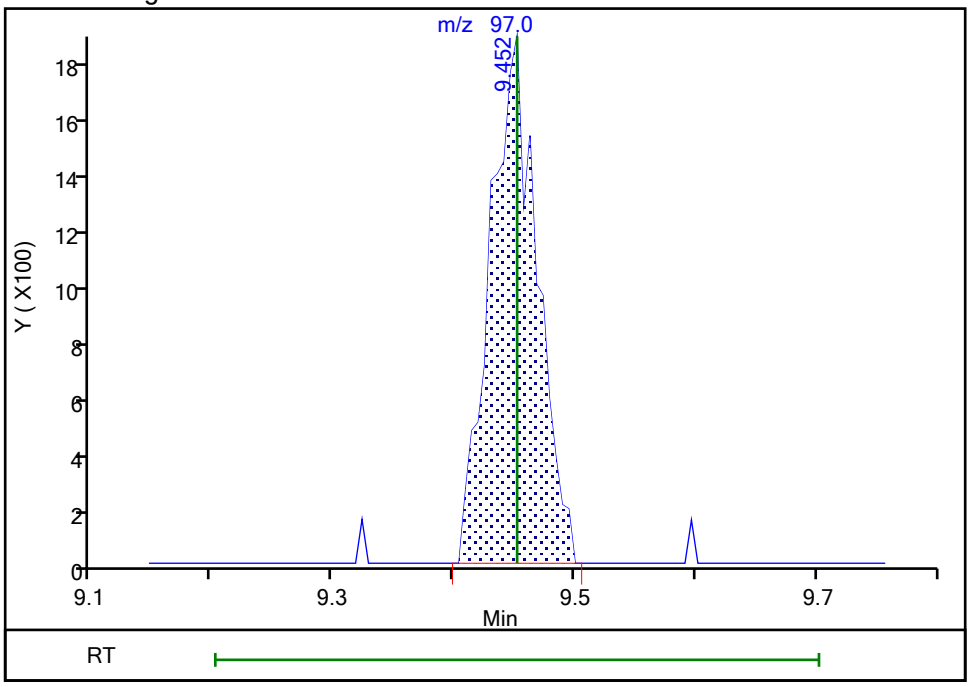
Processing Integration Results

RT: 9.45
Area: 4068
Amount: 0.146069
Amount Units: ppb v/v



Manual Integration Results

RT: 9.45
Area: 5138
Amount: 0.195620
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:07:42

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

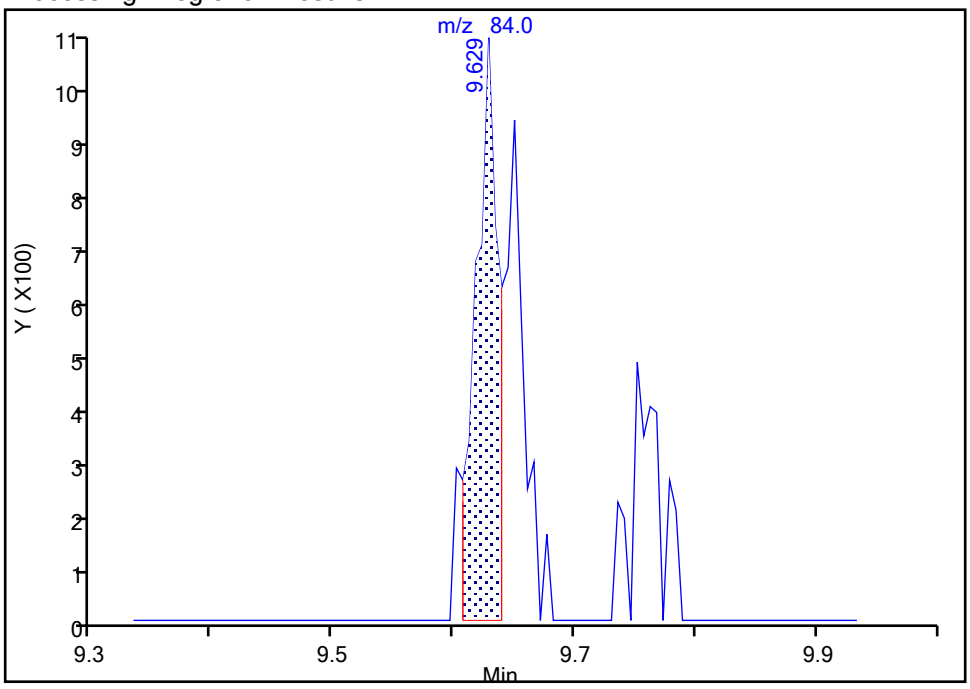
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D				
Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7

Signal: 1

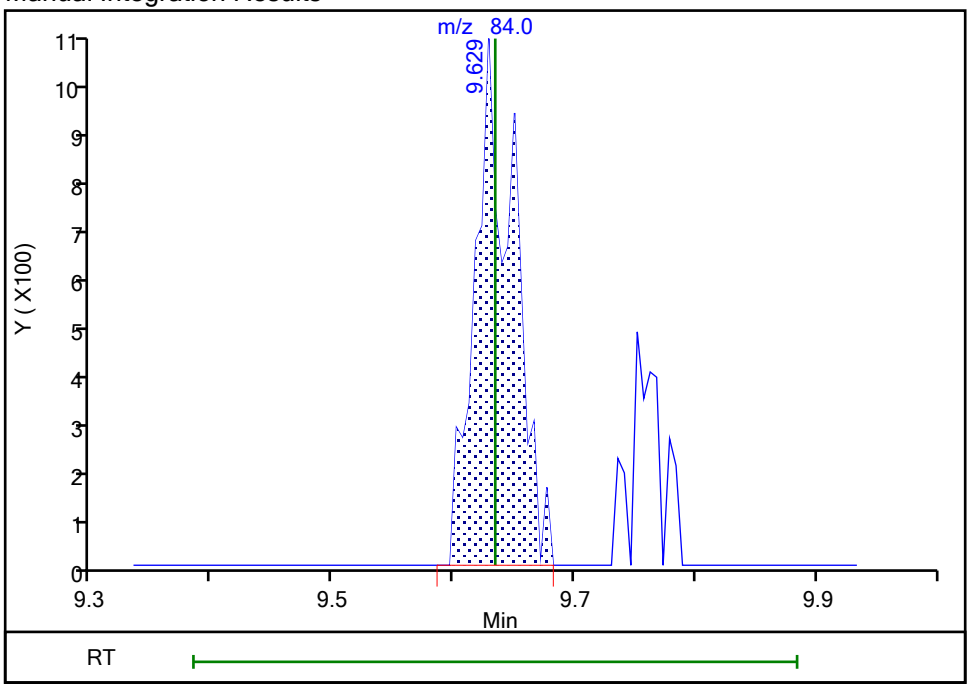
Processing Integration Results

RT: 9.63
Area: 1421
Amount: 0.121337
Amount Units: ppb v/v



Manual Integration Results

RT: 9.63
Area: 2437
Amount: 0.210132
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:07:53

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

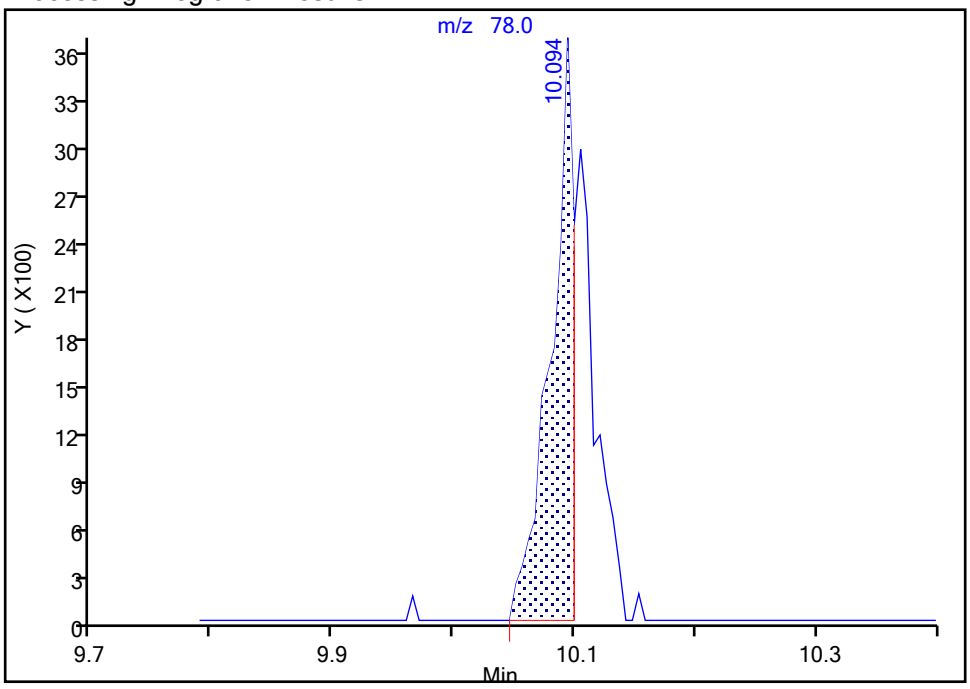
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D				
Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

47 Benzene, CAS: 71-43-2

Signal: 1

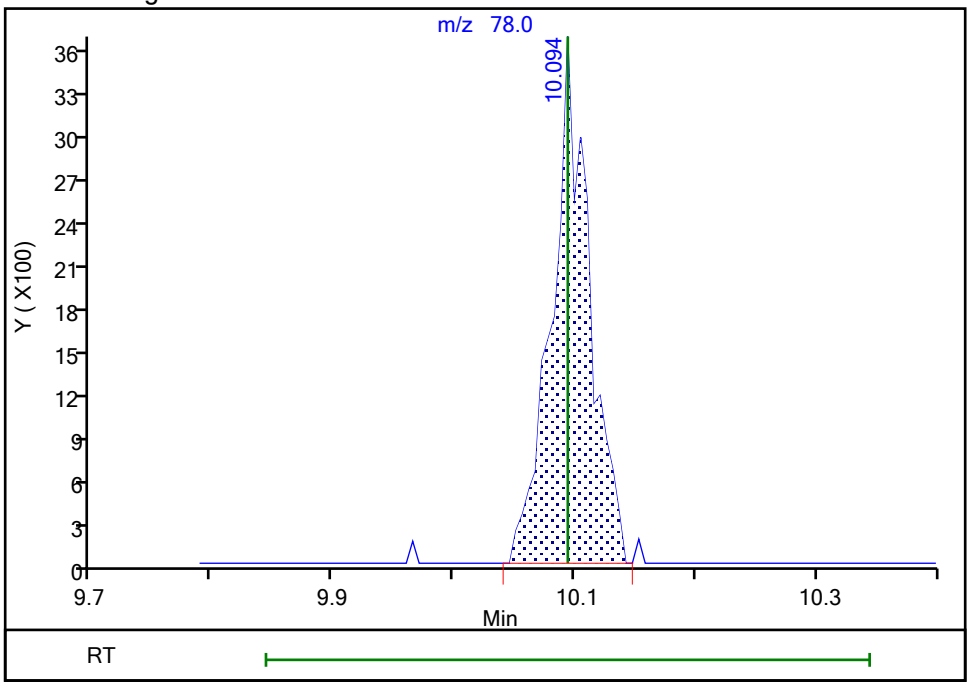
Processing Integration Results

RT: 10.09
Area: 4720
Amount: 0.149377
Amount Units: ppb v/v



Manual Integration Results

RT: 10.09
Area: 7756
Amount: 0.255289
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:08:05

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

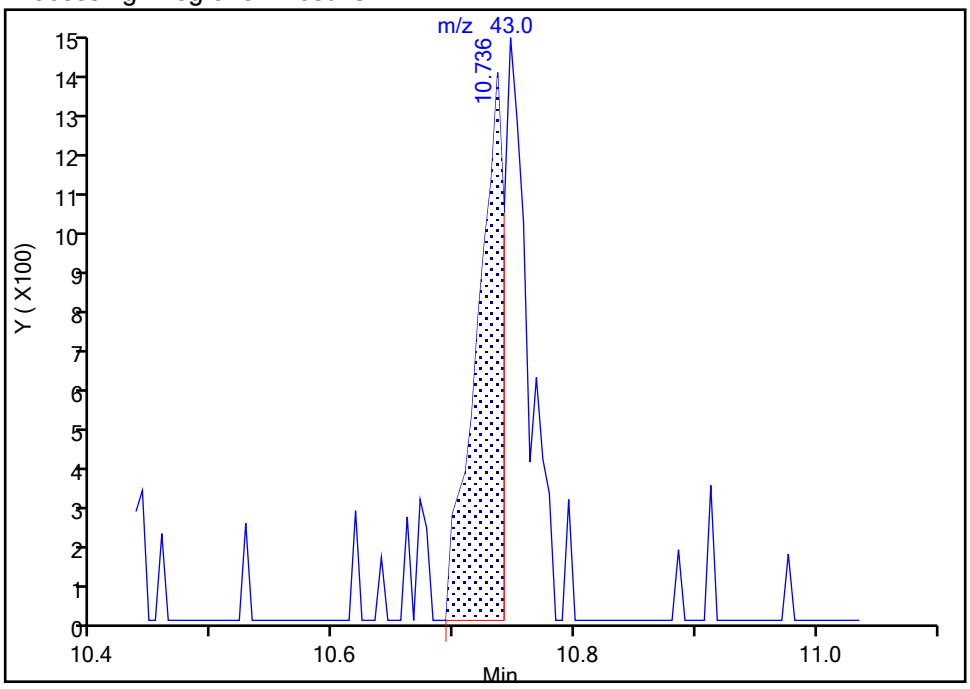
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D				
Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

49 n-Heptane, CAS: 142-82-5

Signal: 1

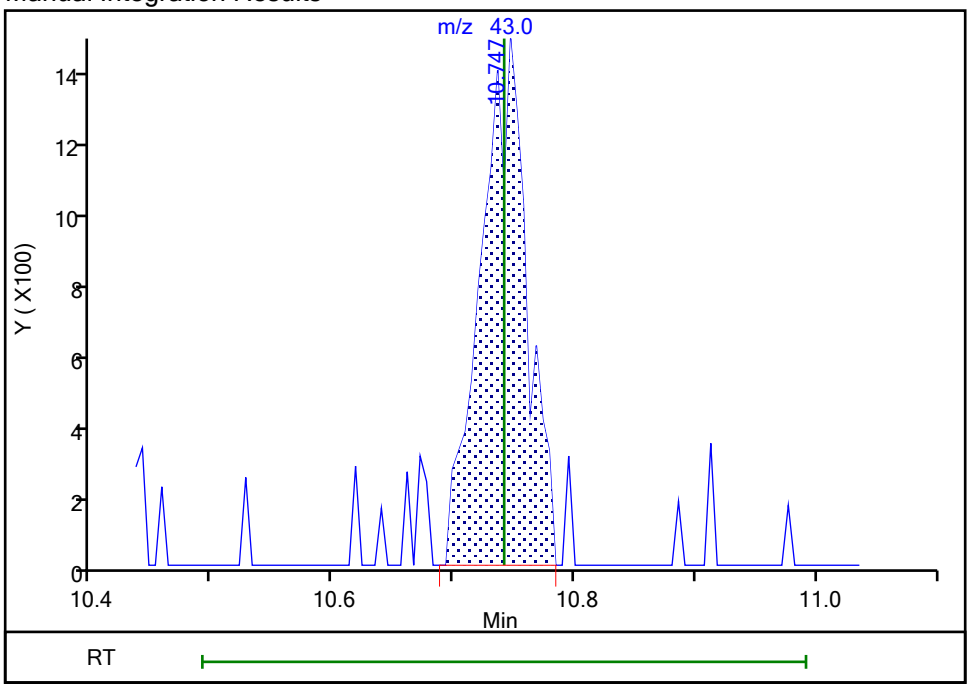
Processing Integration Results

RT: 10.74
Area: 2061
Amount: 0.108512
Amount Units: ppb v/v



Manual Integration Results

RT: 10.75
Area: 3740
Amount: 0.209936
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:08:13
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

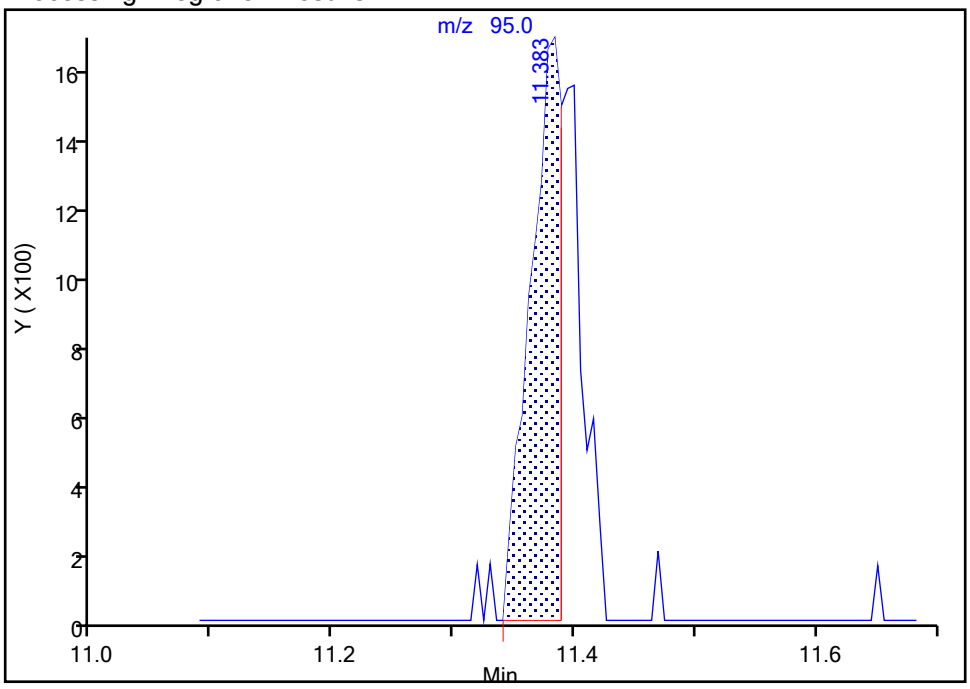
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D				
Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 Trichloroethene, CAS: 79-01-6

Signal: 1

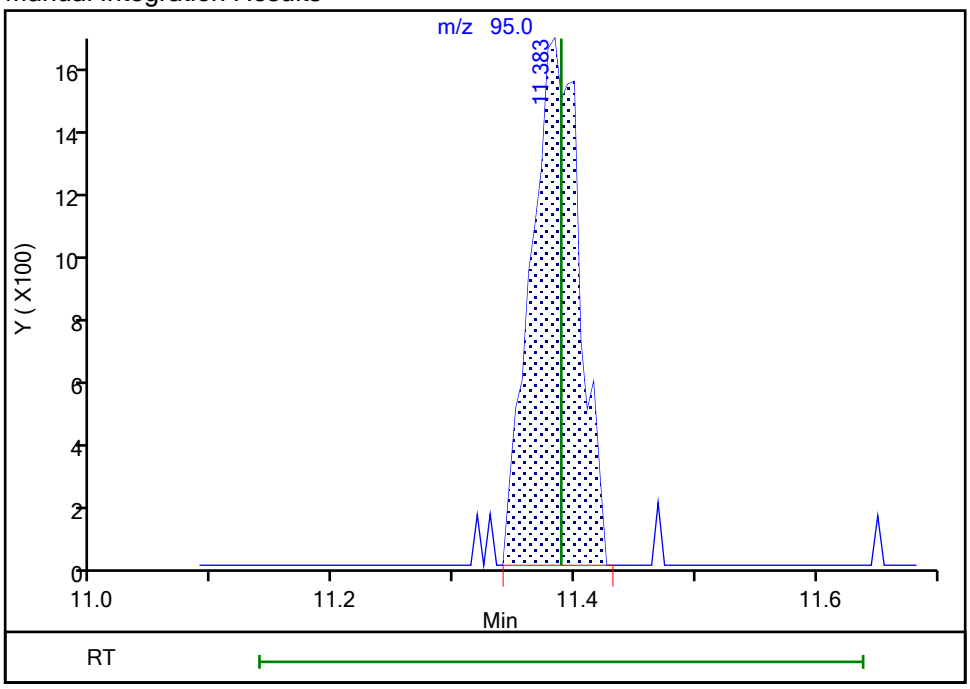
Processing Integration Results

RT: 11.38
Area: 2900
Amount: 0.127716
Amount Units: ppb v/v



Manual Integration Results

RT: 11.38
Area: 4479
Amount: 0.211416
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:08:21

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

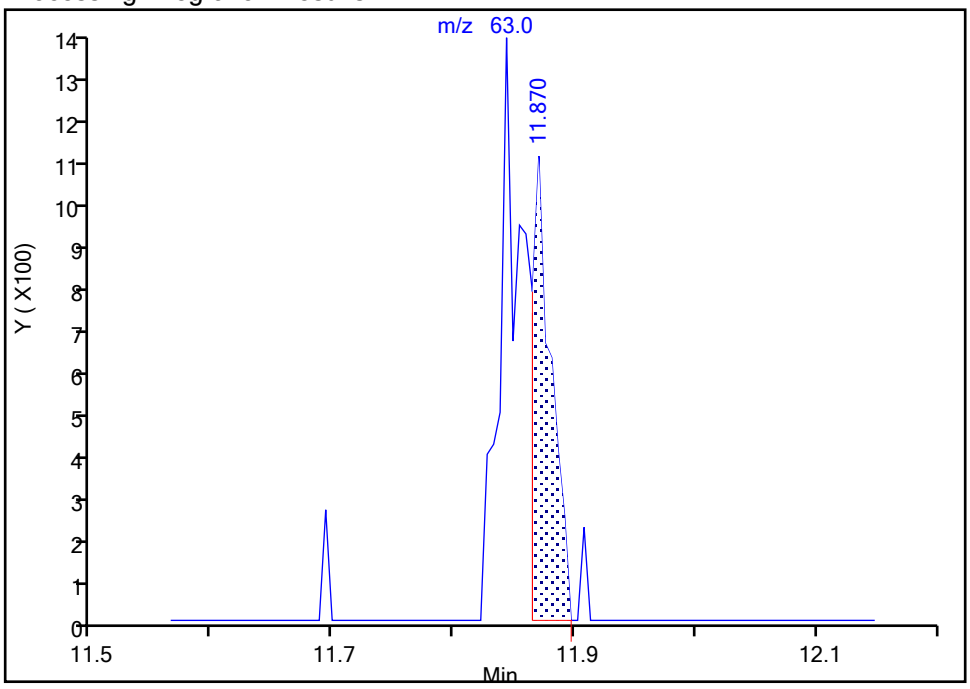
Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D
Injection Date: 29-Apr-2021 18:32:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

54 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

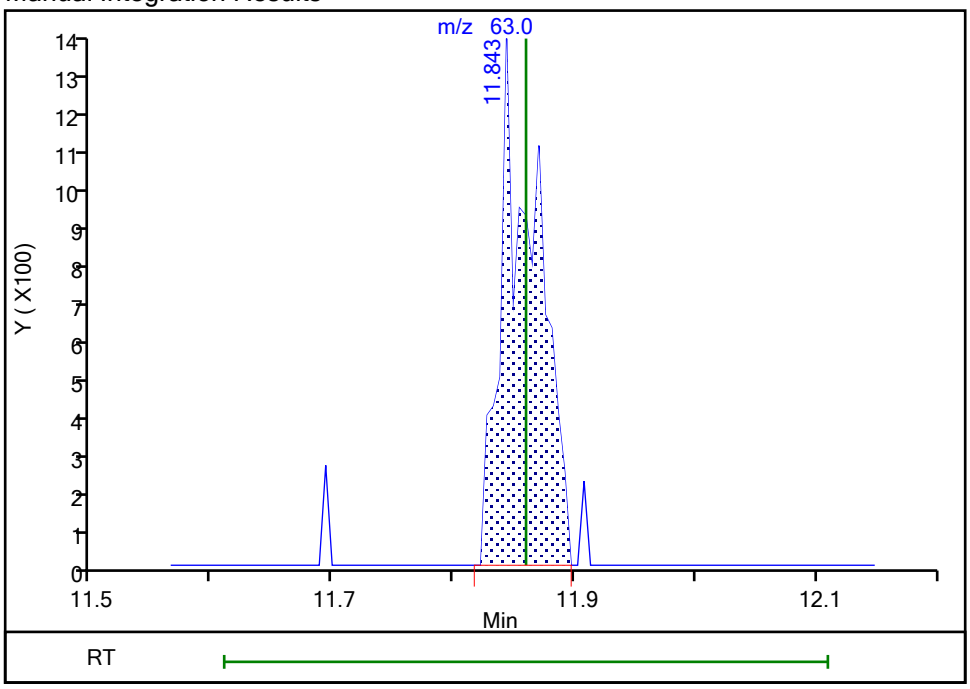
Processing Integration Results

RT: 11.87
Area: 1179
Amount: 0.096876
Amount Units: ppb v/v



Manual Integration Results

RT: 11.84
Area: 2790
Amount: 0.218991
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:08:39
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

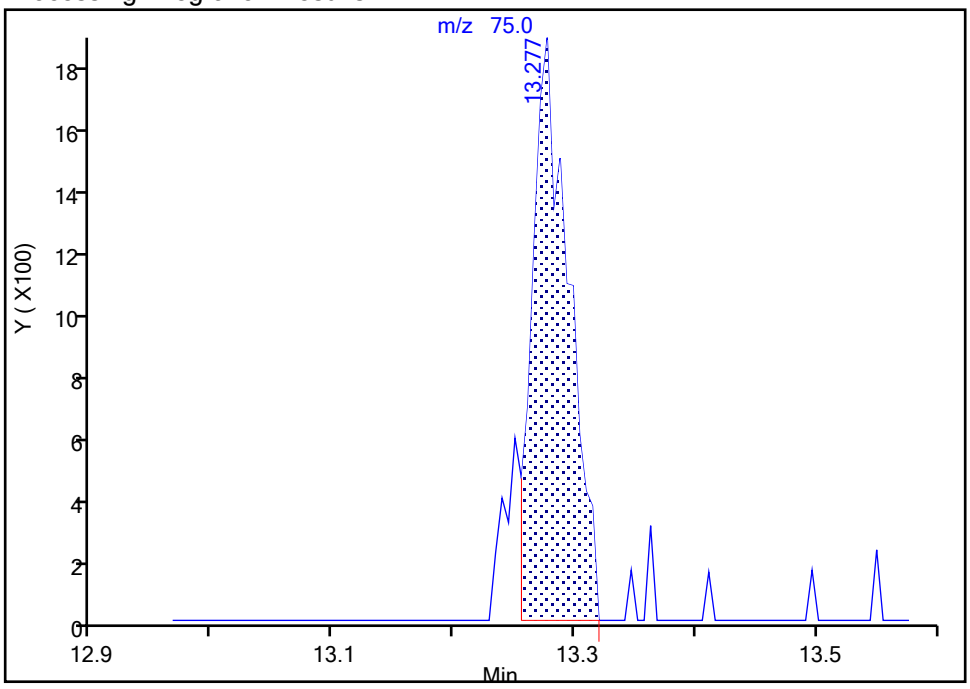
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D				
Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

60 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

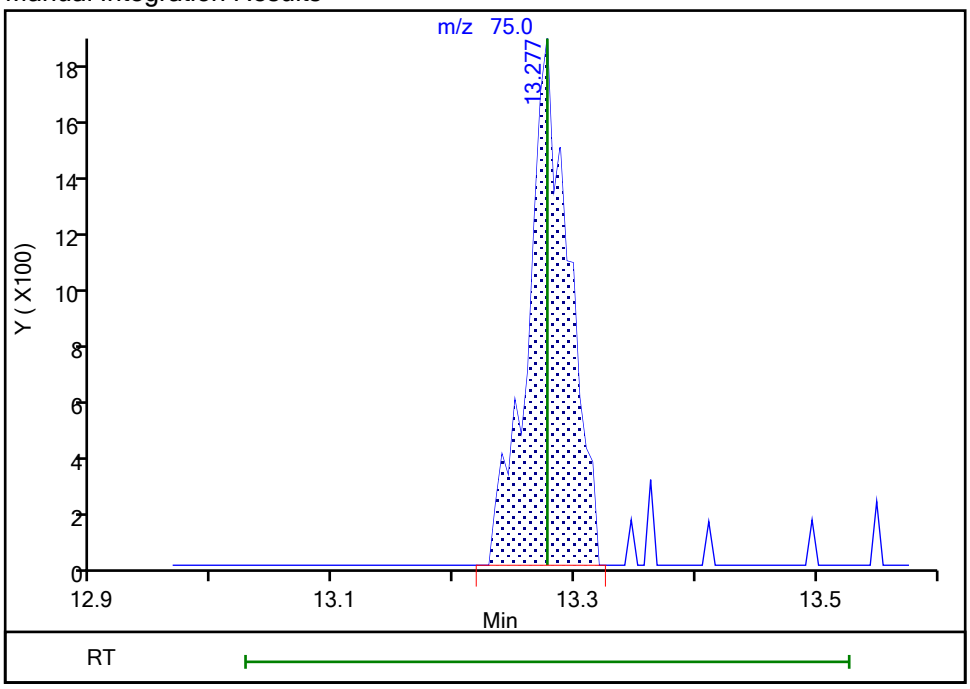
Processing Integration Results

RT: 13.28
Area: 3804
Amount: 0.163658
Amount Units: ppb v/v



Manual Integration Results

RT: 13.28
Area: 4273
Amount: 0.196756
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:17:21

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

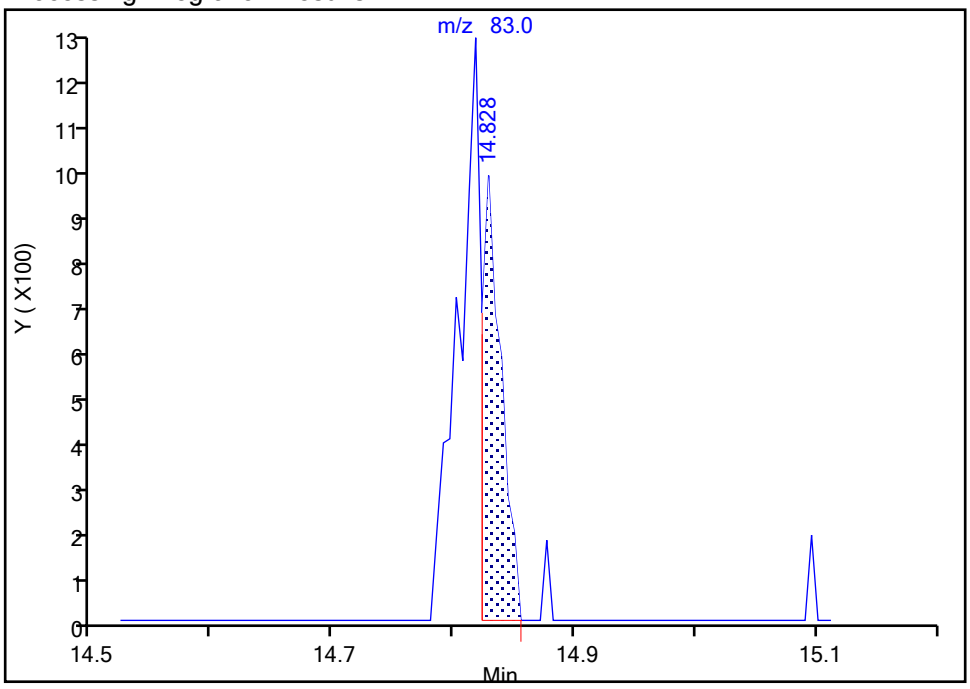
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D				
Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

67 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

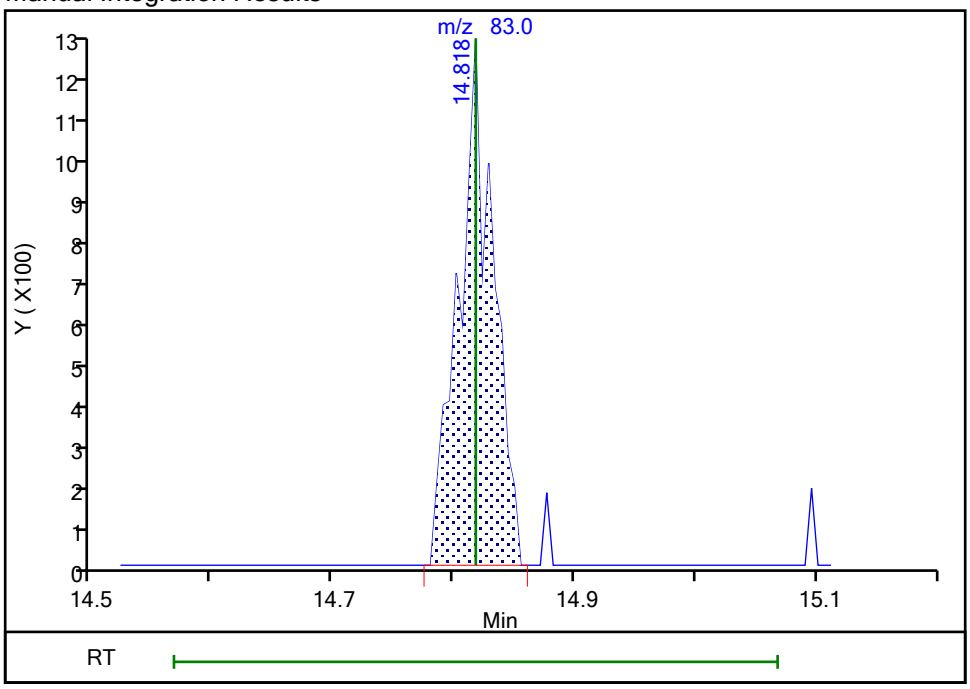
Processing Integration Results

RT: 14.83
Area: 1067
Amount: 0.084538
Amount Units: ppb v/v



Manual Integration Results

RT: 14.82
Area: 2490
Amount: 0.205054
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:17:29

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

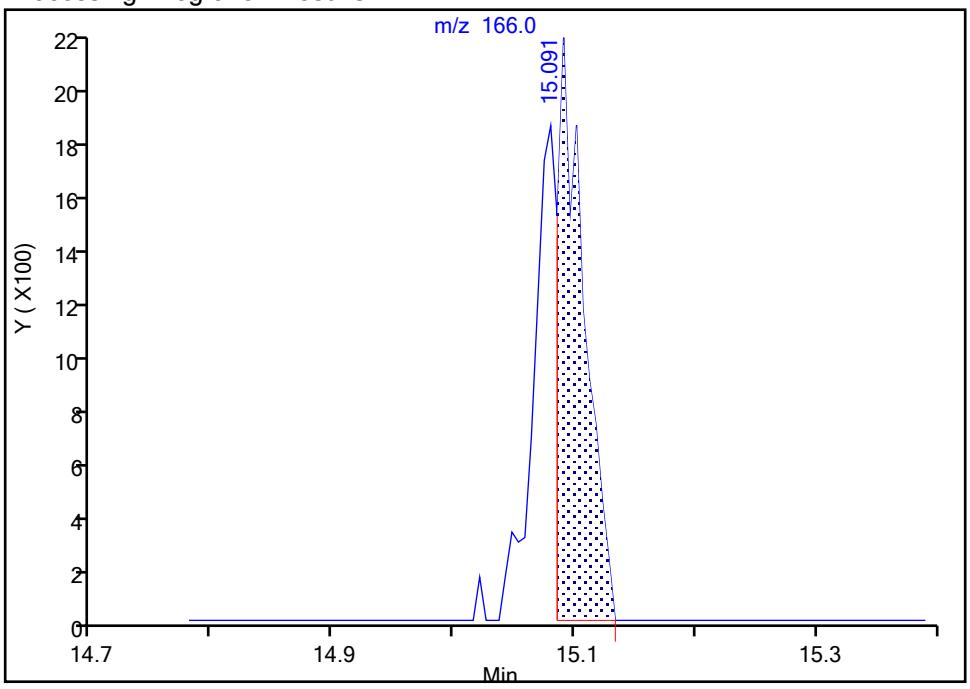
Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D
Injection Date: 29-Apr-2021 18:32:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

68 Tetrachloroethene, CAS: 127-18-4

Signal: 1

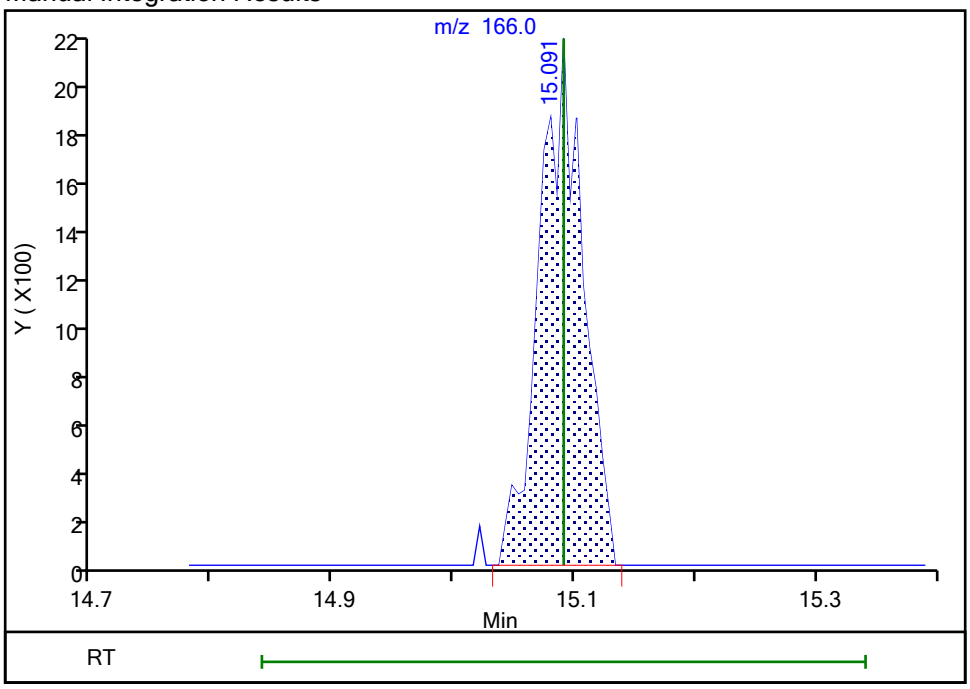
Processing Integration Results

RT: 15.09
Area: 3374
Amount: 0.129362
Amount Units: ppb v/v



Manual Integration Results

RT: 15.09
Area: 5478
Amount: 0.221318
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:17:32
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

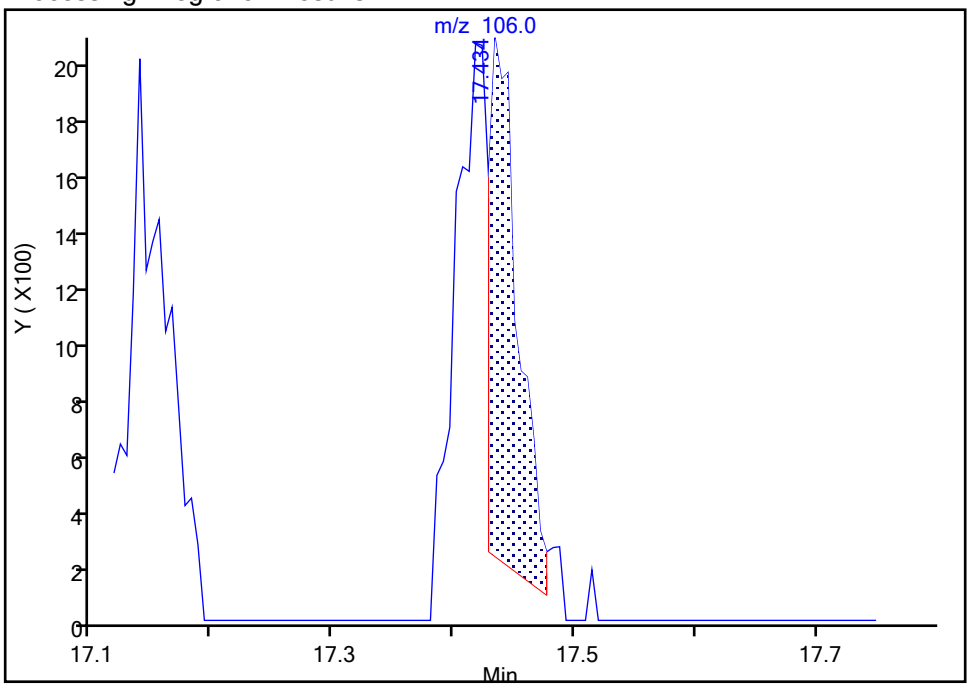
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D				
Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

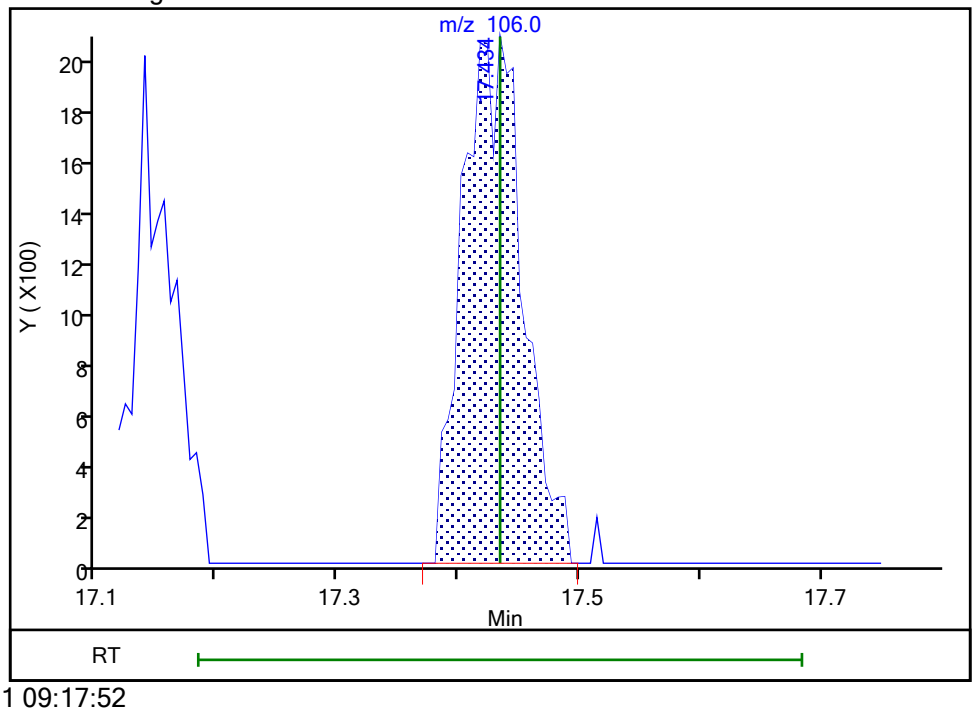
Processing Integration Results

RT: 17.43
Area: 3138
Amount: 0.198442
Amount Units: ppb v/v



Manual Integration Results

RT: 17.43
Area: 7195
Amount: 0.391796
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:17:52

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

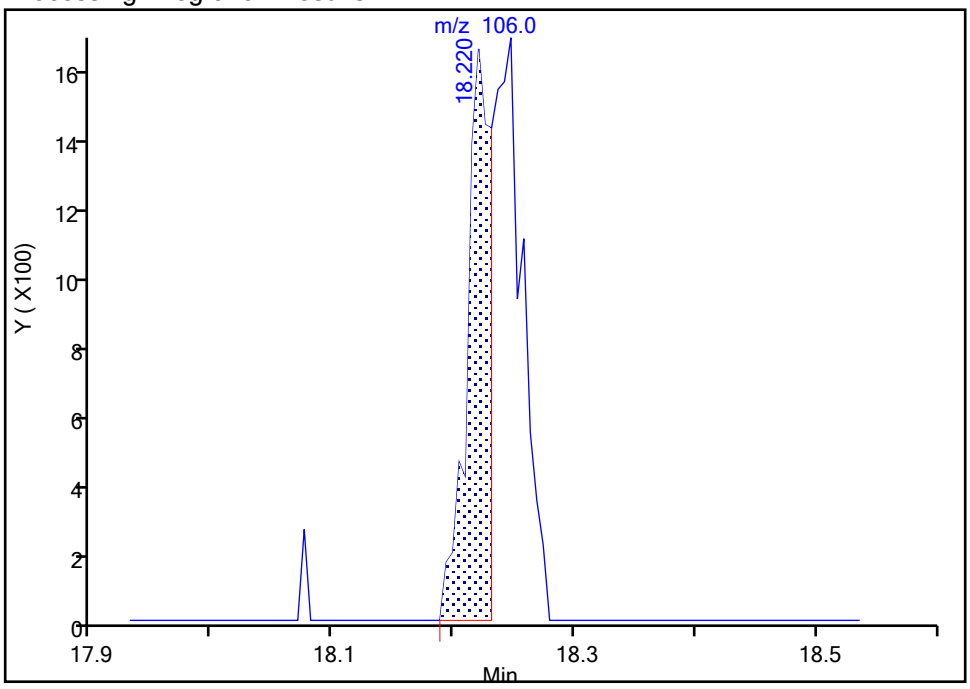
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D				
Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

79 o-Xylene, CAS: 95-47-6

Signal: 1

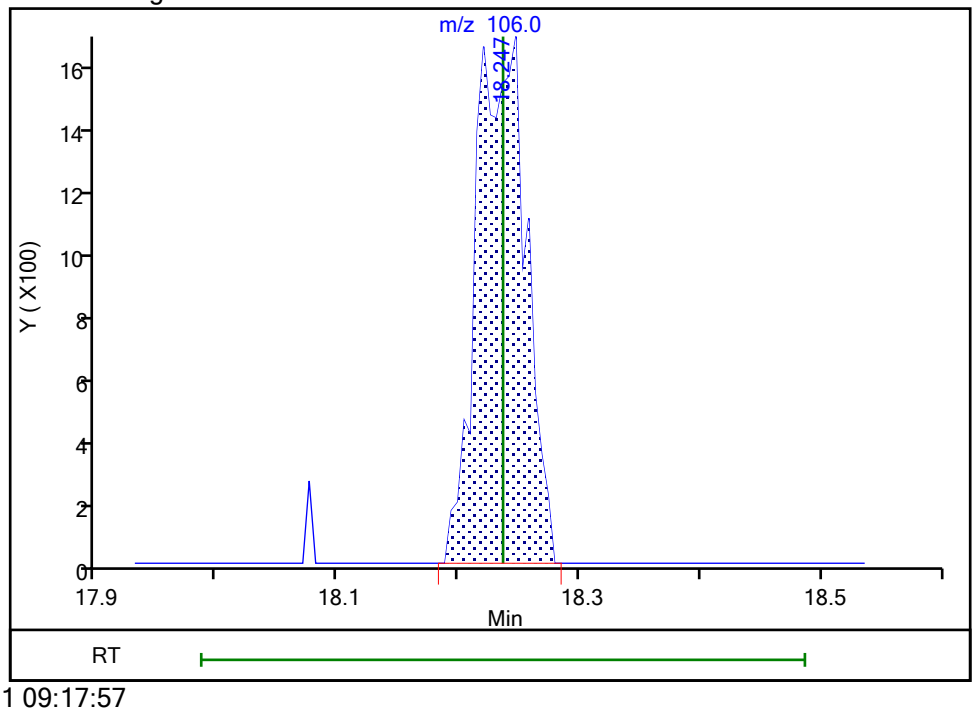
Processing Integration Results

RT: 18.22
Area: 2266
Amount: 0.113144
Amount Units: ppb v/v



Manual Integration Results

RT: 18.25
Area: 4785
Amount: 0.243974
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:17:57

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

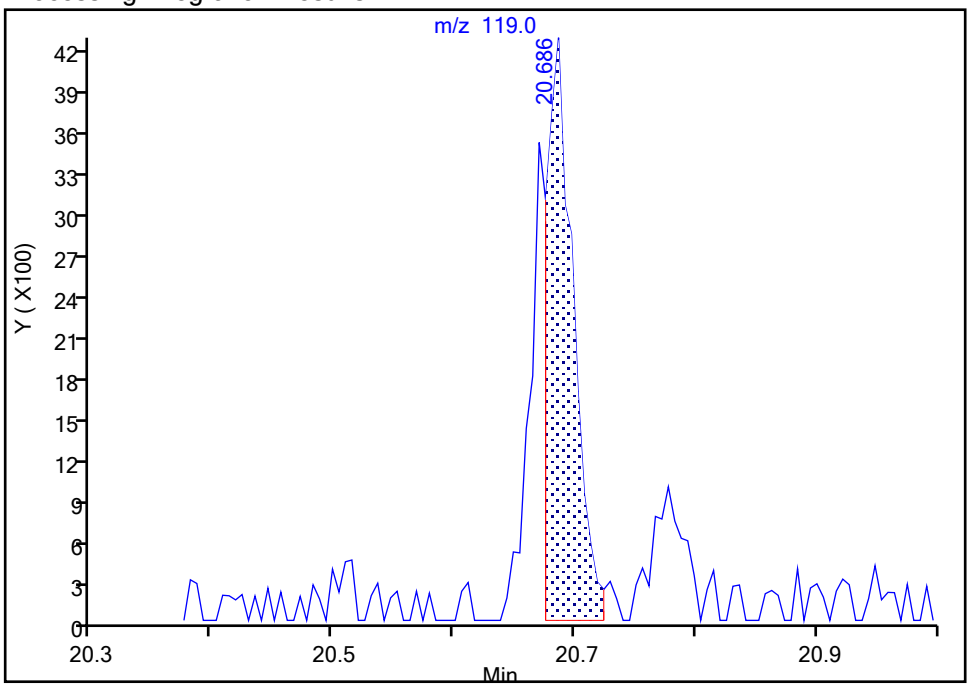
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D				
Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

92 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

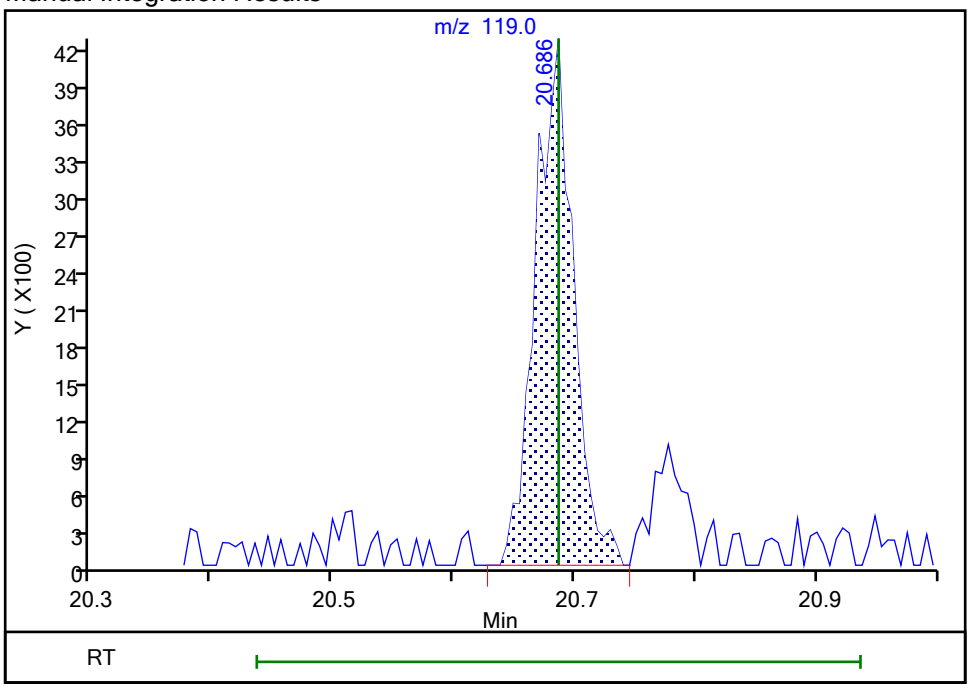
Processing Integration Results

RT: 20.69
Area: 6617
Amount: 0.136704
Amount Units: ppb v/v



Manual Integration Results

RT: 20.69
Area: 9279
Amount: 0.206860
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:18:21

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

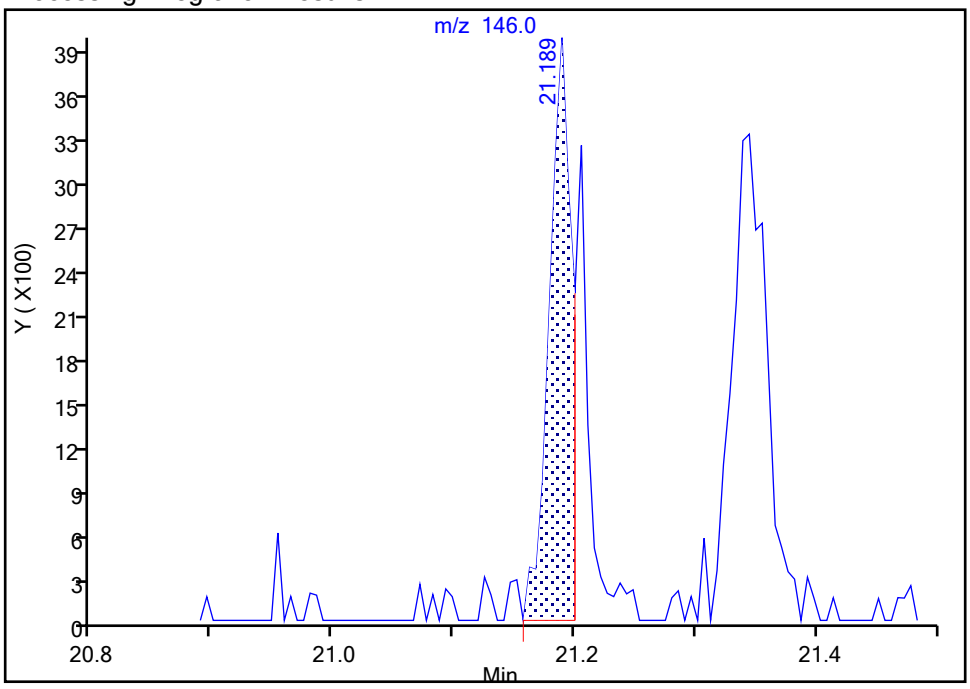
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-005.D				
Injection Date:	29-Apr-2021 18:32:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

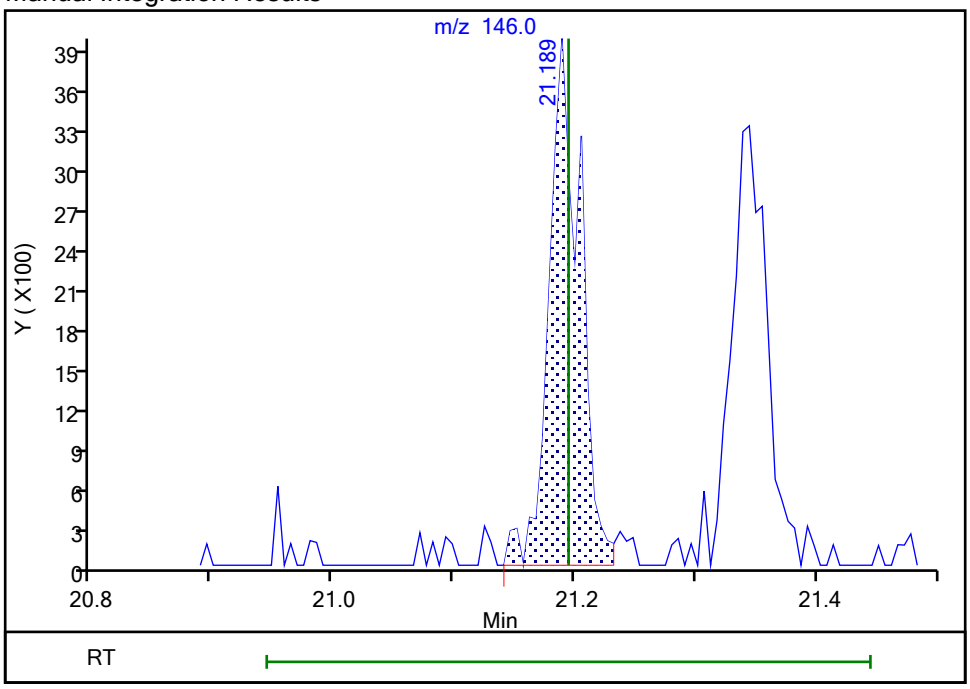
Processing Integration Results

RT: 21.19
Area: 5192
Amount: 0.137367
Amount Units: ppb v/v



Manual Integration Results

RT: 21.19
Area: 7210
Amount: 0.205924
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:18:42

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-006.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 29-Apr-2021 19:26:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045776-006
Misc. Info.: ic-03
Operator ID: ggg Instrument ID: CHG.i
Sublist: chrom-TO15_MasterMethod_(v1)_G*sub9

Method: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Apr-2021 09:38:34 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: bourdeaut Date: 30-Apr-2021 09:21:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.038	3.032	0.006	91	3518	0.4648	0.6760	
2 Dichlorodifluoromethane	85	3.091	3.091	0.000	100	13473	0.4702	0.4841	
3 Chlorodifluoromethane	51	3.107	3.102	0.005	96	6597	0.4720	0.4996	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.300	3.295	0.005	88	12554	0.4689	0.4839	
5 Chloromethane	50	3.375	3.364	0.011	98	3407	0.4918	0.5593	
7 Vinyl chloride	62	3.562	3.551	0.011	87	3574	0.4680	0.4735	
6 Butane	43	3.562	3.562	0.000	97	4315	0.4666	0.4807	
8 Butadiene	54	3.626	3.626	0.000	91	2502	0.4558	0.4830	
10 Bromomethane	94	4.097	4.081	0.016	90	4790	0.4644	0.5336	
11 Chloroethane	64	4.274	4.268	0.006	51	1473	0.4680	0.5198	
12 2-Methylbutane	43	4.439	4.439	0.000	84	4012	0.4702	0.5175	
13 Vinyl bromide	106	4.578	4.579	0.000	93	4461	0.4693	0.4978	
14 Trichlorofluoromethane	101	4.707	4.712	-0.005	98	13863	0.4756	0.4877	
16 Pentane	43	4.883	4.873	0.010	96	5567	0.4563	0.4916	
17 Ethanol	45	4.932	4.921	0.011	96	20155	4.51	5.87	
18 Ethyl ether	59	5.215	5.188	0.027	63	1538	0.4540	0.4505	
19 Acrolein	56		5.344				ND	ND	
21 1,1-Dichloroethene	96	5.563	5.563	0.000	95	4240	0.4630	0.4939	
22 Acetone	43	5.600	5.579	0.021	100	10160	0.4612	1.20	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.611	5.600	0.011	93	9837	0.4725	0.4976	
24 Isopropyl alcohol	45	5.830	5.809	0.021	95	3128	0.4603	0.3160	
23 Carbon disulfide	76	5.932	5.932	0.000	99	11273	0.4576	0.4806	
26 Acetonitrile	41	5.991	5.975	0.016	77	3042	0.4459	0.8384	
25 3-Chloro-1-propene	41	6.157	6.151	0.006	96	4104	0.4797	0.5163	
27 Methylene Chloride	49	6.349	6.349	0.000	90	4964	0.4630	0.5587	
28 2-Methyl-2-propanol	59	6.547	6.515	0.032	92	6343	0.4855	0.5182	
32 Acrylonitrile	53	6.702	6.681	0.021	74	1295	0.4554	0.3960	
31 trans-1,2-Dichloroethene	61	6.857	6.852	0.005	95	5848	0.4594	0.4707	M
29 Methyl tert-butyl ether	73	6.890	6.868	0.022	92	8783	0.4707	0.5035	
33 Hexane	57	7.382	7.376	0.006	85	4691	0.4770	0.5021	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 1,1-Dichloroethane	63	7.564	7.564	0.000	72	6264	0.4504	0.4698	
35 Vinyl acetate	43	7.585	7.580	0.005	98	4806	0.4680	0.4371	
38 2-Butanone (MEK)	72	8.494	8.489	0.005	98	1948	0.4657	0.6858	
37 cis-1,2-Dichloroethene	96	8.527	8.521	0.006	96	4177	0.4549	0.5056	
39 Ethyl acetate	88		8.607				ND	ND	
* 40 Chlorobromomethane	128	8.928	8.928	0.000	81	111236	10.0	10.0	
41 Tetrahydrofuran	42	9.029	9.008	0.021	87	3409	0.4500	0.5795	
42 Chloroform	83	9.115	9.110	0.005	97	9865	0.4549	0.4575	
44 1,1,1-Trichloroethane	97	9.457	9.452	0.005	82	12785	0.4590	0.5215	M
43 Cyclohexane	84	9.645	9.634	0.011	96	5685	0.4572	0.5252	M
S 30 1,2-Dichloroethene, Total	61				0		0.9143	0.9763	
45 Carbon tetrachloride	117	9.757	9.757	0.000	97	14816	0.4576	0.5188	
47 Benzene	78	10.099	10.094	0.005	95	14235	0.4653	0.5020	
48 1,2-Dichloroethane	62	10.137	10.142	-0.005	91	6144	0.4666	0.4548	
46 Isooctane	57	10.399	10.404	-0.005	96	24872	0.4716	0.5426	
49 n-Heptane	43	10.736	10.741	-0.005	90	8512	0.4734	0.5119	
* 50 1,4-Difluorobenzene	114	10.896	10.897	0.000	95	576563	10.0	10.0	
52 n-Butanol	56	11.159	11.132	0.027	92	3609	0.4301	0.5375	
53 Trichloroethene	95	11.383	11.389	-0.006	96	9802	0.4743	0.4957	
54 1,2-Dichloropropane	63	11.865	11.859	0.006	86	5757	0.4644	0.4841	M
55 Methyl methacrylate	69	12.020	12.009	0.011	86	5167	0.4576	0.5210	M
56 1,4-Dioxane	88	12.063	12.020	0.043	76	4159	0.4765	0.6261	
57 Dibromomethane	174	12.031	12.020	0.011	91	9168	0.4639	0.4513	
58 Dichlorobromomethane	83	12.378	12.384	-0.006	97	13692	0.4761	0.4710	
60 cis-1,3-Dichloropropene	75	13.277	13.277	0.000	93	9539	0.4680	0.4706	M
61 4-Methyl-2-pentanone (MIBK)	43	13.577	13.577	0.000	96	12957	0.4612	0.5209	
A 63 Toluene Range	92	13.999	(13.959-14.039)		0	47602	NC	NC	
65 Toluene	92	13.994	13.999	-0.005	90	11006	0.4576	0.4798	
A 62 C8 Range	1	14.352	(14.308-14.408)		0	54441	NC	NC	
64 n-Octane	43	14.368	14.358	0.010	95	14081	0.4653	0.5062	
66 trans-1,3-Dichloropropene	75	14.417	14.422	-0.005	96	8250	0.4450	0.4482	M
67 1,1,2-Trichloroethane	83	14.812	14.818	-0.006	42	6315	0.4720	0.5189	
68 Tetrachloroethene	166	15.085	15.091	-0.006	93	11905	0.4729	0.4799	
69 2-Hexanone	43	15.299	15.294	0.005	96	13324	0.4500	0.5602	
71 Chlorodibromomethane	129	15.610	15.610	0.000	94	13080	0.4360	0.4115	
72 Ethylene Dibromide	107	15.861	15.856	0.005	98	9798	0.4779	0.4490	M
* 74 Chlorobenzene-d5	117	16.856	16.856	0.000	88	536274	10.0	10.0	
75 Chlorobenzene	112	16.915	16.915	0.000	94	15811	0.4725	0.5001	
76 Ethylbenzene	91	17.150	17.150	0.000	99	26575	0.4603	0.5022	
78 m-Xylene & p-Xylene	106	17.439	17.434	0.005	0	17983	0.9260	0.9771	M
77 n-Nonane	57	17.573	17.573	0.000	90	11810	0.4720	0.4953	
79 o-Xylene	106	18.236	18.236	0.000	96	10529	0.4666	0.5357	
80 Styrene	104	18.263	18.263	0.000	97	12181	0.4648	0.4526	
81 Bromoform	173	18.600	18.605	-0.005	93	11284	0.4635	0.4030	
82 Isopropylbenzene	105	19.028	19.033	-0.005	96	27536	0.4698	0.4965	
* 83 4-Bromofluorobenzene	95	19.349	19.349	0.000	93	410618	10.0	10.0	
84 1,1,2,2-Tetrachloroethane	83	19.563	19.568	-0.005	96	16844	0.4657	0.5158	
S 73 Xylenes, Total	106				0		1.39	1.51	
86 1,2,3-Trichloropropane	75	19.665	19.670	-0.005	98	14912	0.4770	0.6039	
85 N-Propylbenzene	91	19.836	19.836	0.000	99	31191	0.4684	0.4754	
89 2-Chlorotoluene	91	19.980	19.975	0.005	97	21829	0.4702	0.4991	
88 4-Ethyltoluene	105	20.055	20.061	-0.006	98	25440	0.4653	0.4720	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,3,5-Trimethylbenzene	105	20.168	20.168	0.000	91	24162	0.4680	0.5036	
87 n-Decane	57	20.258	20.253	0.005	92	11884	0.4693	0.4401	
91 Alpha Methyl Styrene	118	20.515	20.510	0.005	88	9975	0.4594	0.4366	
92 tert-Butylbenzene	119	20.681	20.686	-0.005	91	21227	0.4666	0.4722	
93 1,2,4-Trimethylbenzene	105	20.777	20.777	0.000	96	23840	0.4684	0.4870	
94 sec-Butylbenzene	105	21.029	21.034	-0.005	98	32846	0.4711	0.4771	
96 1,3-Dichlorobenzene	146	21.195	21.195	0.000	98	18642	0.4765	0.5313	
95 4-Isopropyltoluene	119	21.275	21.270	0.005	96	28248	0.4644	0.4783	
97 1,4-Dichlorobenzene	146	21.344	21.344	0.000	92	17508	0.4716	0.5065	
98 Benzyl chloride	91	21.489	21.489	0.000	99	22471	0.4765	0.5179	
101 1,2-Dichlorobenzene	146	21.837	21.842	-0.005	86	18963	0.4702	0.5347	
100 n-Butylbenzene	91	21.842	21.847	-0.005	95	26978	0.4680	0.4869	
99 Undecane	57	22.040	22.040	0.000	94	12735	0.4711	0.4460	
102 Dodecane	57	23.607	23.607	0.000	96	13365	0.4216	0.5048	
103 1,2,4-Trichlorobenzene	180	24.233	24.239	-0.006	94	16610	0.4891	0.5530	
104 Hexachlorobutadiene	225	24.501	24.512	-0.011	97	19051	0.4621	0.5017	
105 Naphthalene	128	24.672	24.677	-0.005	99	30786	0.4378	0.4782	
106 1,2,3-Trichlorobenzene	180	25.073	25.079	-0.006	96	14337	0.4108	0.4534	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated

Reagents:

ATTO15CAL2w_00301	Amount Added: 180.00	Units: mL	
ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

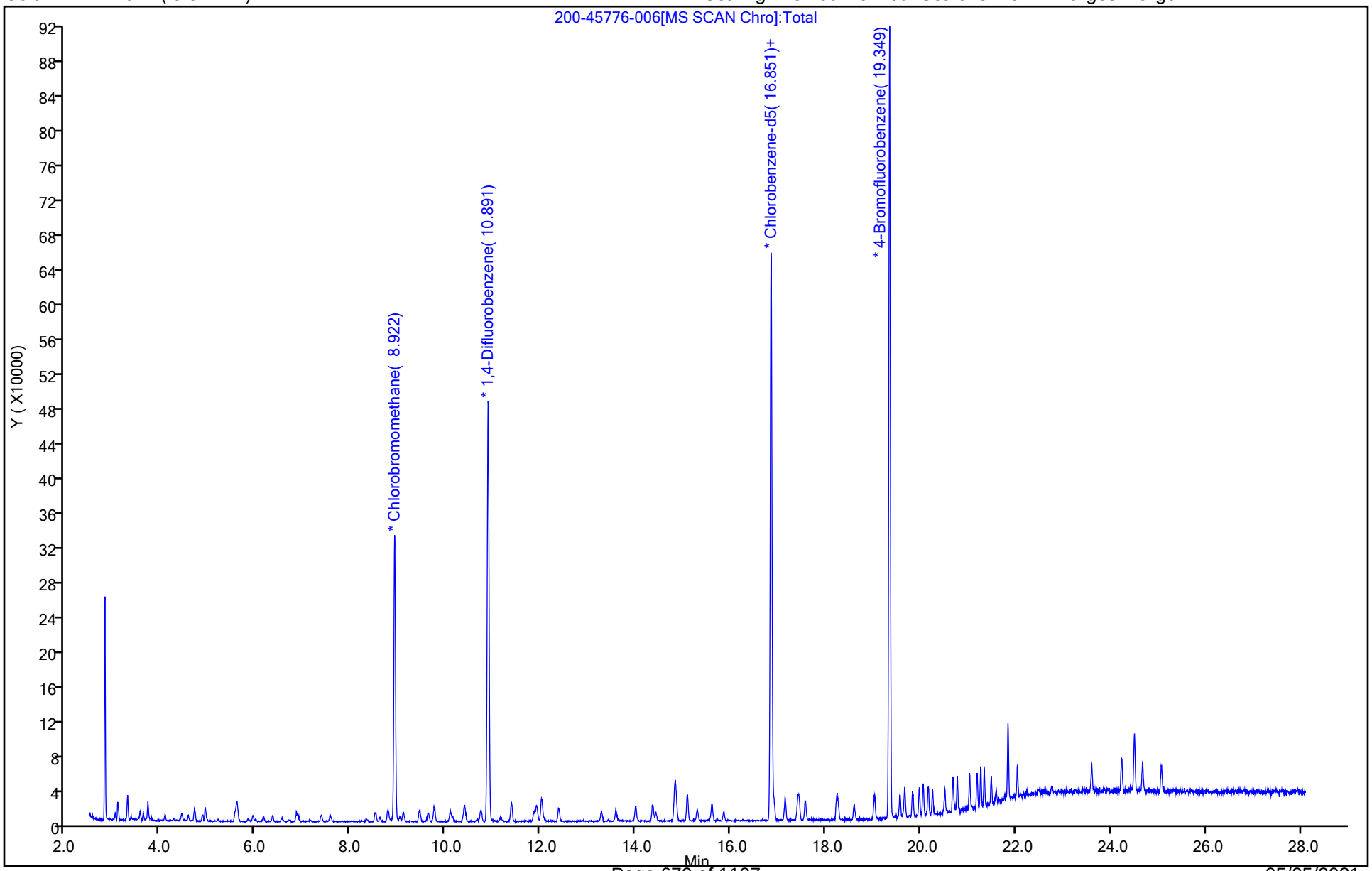
Report Date: 30-Apr-2021 09:38:34 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-006.D

Injection Date:	29-Apr-2021 19:26:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	ic			Worklist Smp#:	6
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington

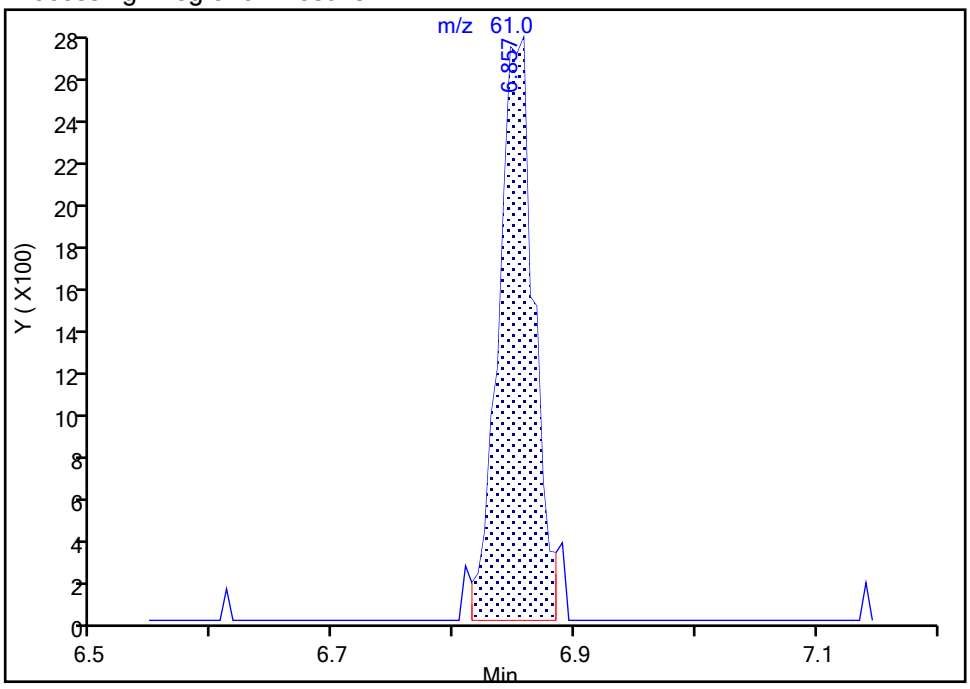
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-006.D				
Injection Date:	29-Apr-2021 19:26:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

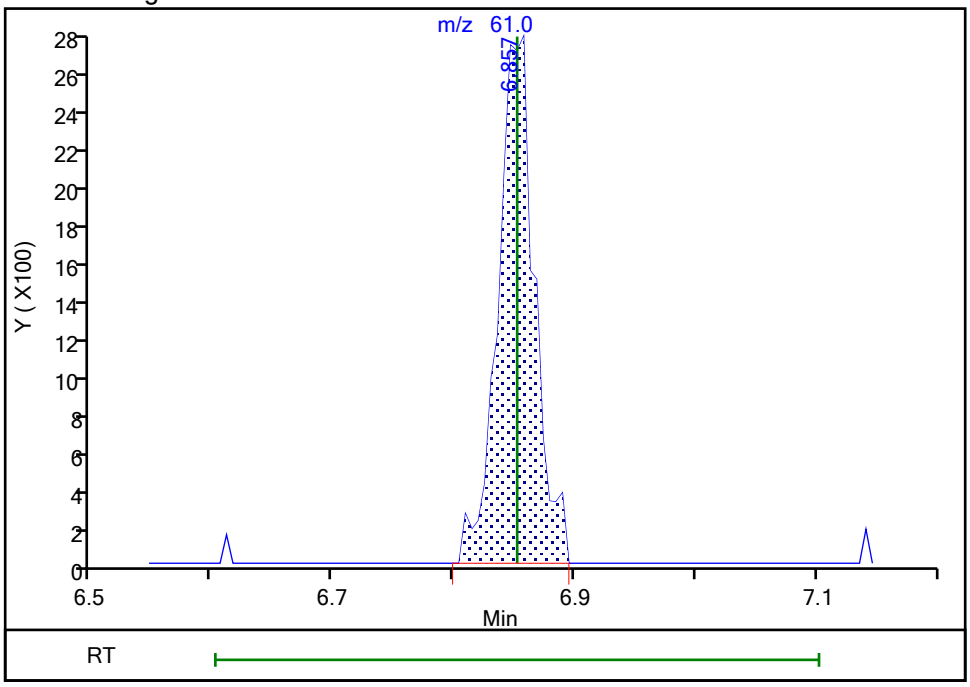
Processing Integration Results

RT: 6.86
Area: 5646
Amount: 0.406729
Amount Units: ppb v/v



Manual Integration Results

RT: 6.86
Area: 5848
Amount: 0.470691
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:19:33
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

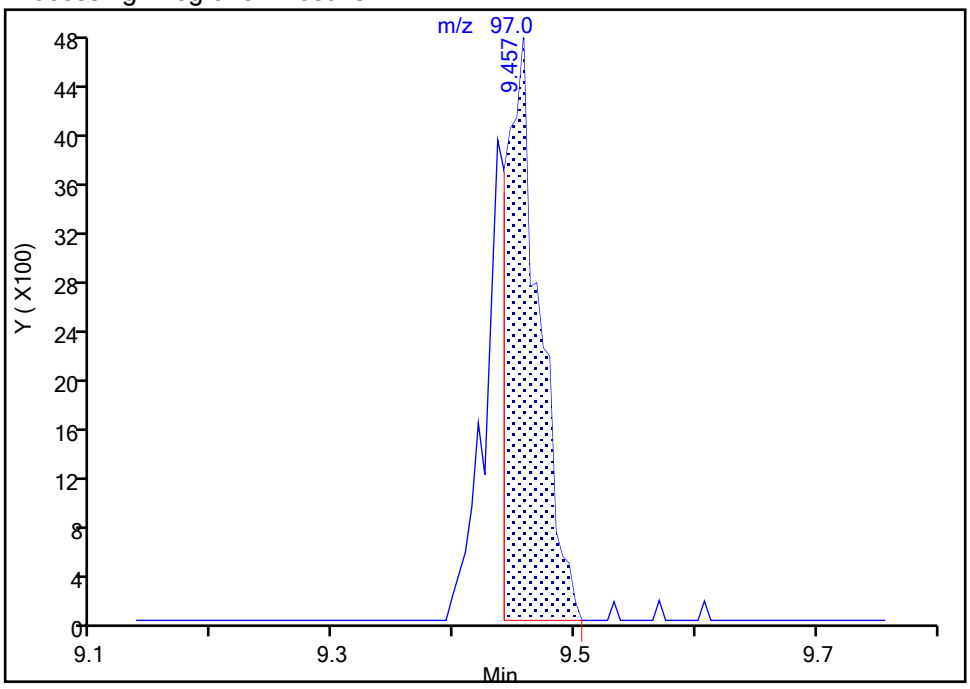
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-006.D				
Injection Date:	29-Apr-2021 19:26:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

44 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

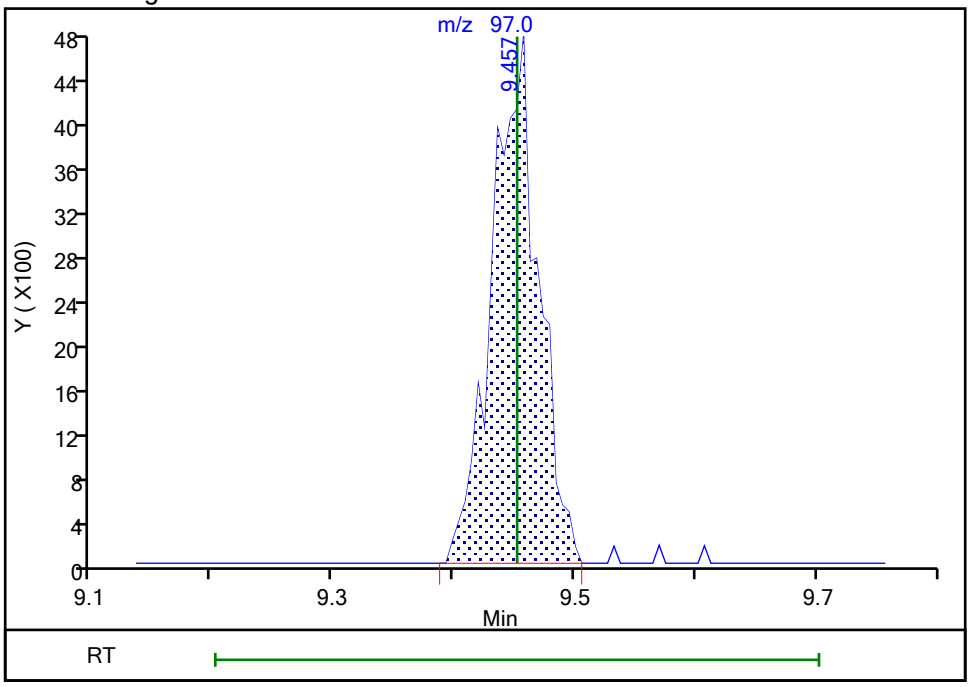
Processing Integration Results

RT: 9.46
Area: 9125
Amount: 0.340867
Amount Units: ppb v/v



Manual Integration Results

RT: 9.46
Area: 12785
Amount: 0.521522
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:19:47

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

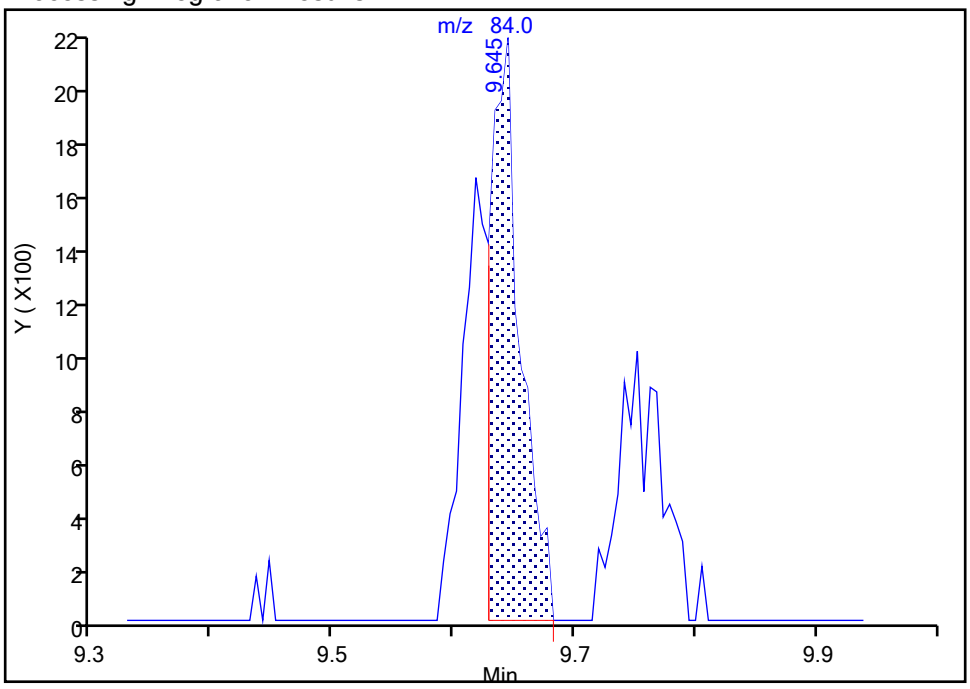
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-006.D				
Injection Date:	29-Apr-2021 19:26:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 Cyclohexane, CAS: 110-82-7

Signal: 1

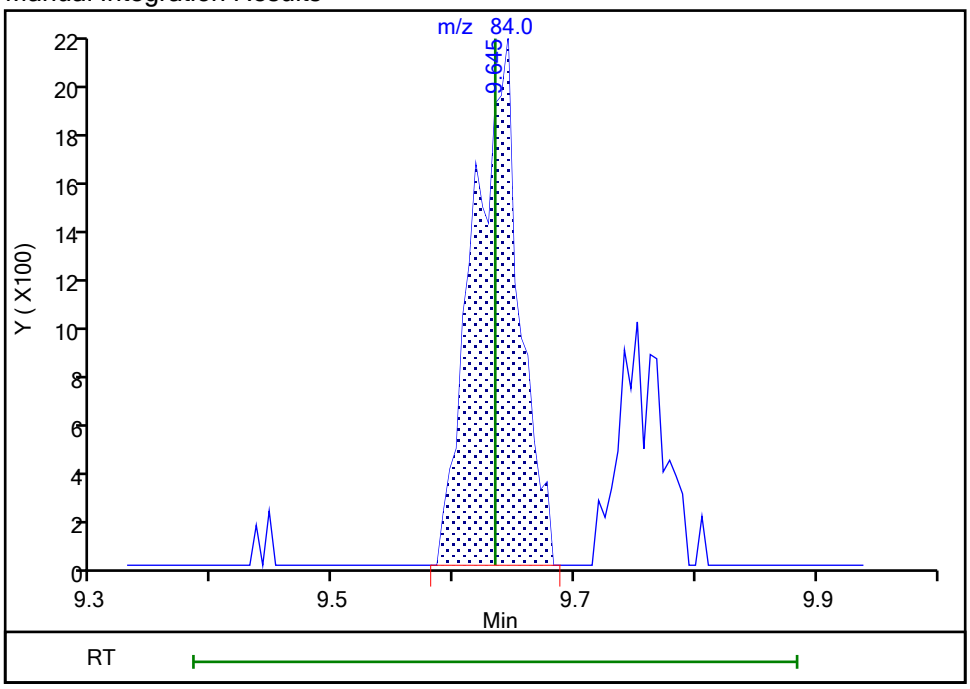
Processing Integration Results

RT: 9.64
Area: 3637
Amount: 0.311640
Amount Units: ppb v/v



Manual Integration Results

RT: 9.64
Area: 5685
Amount: 0.525193
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:19:51

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

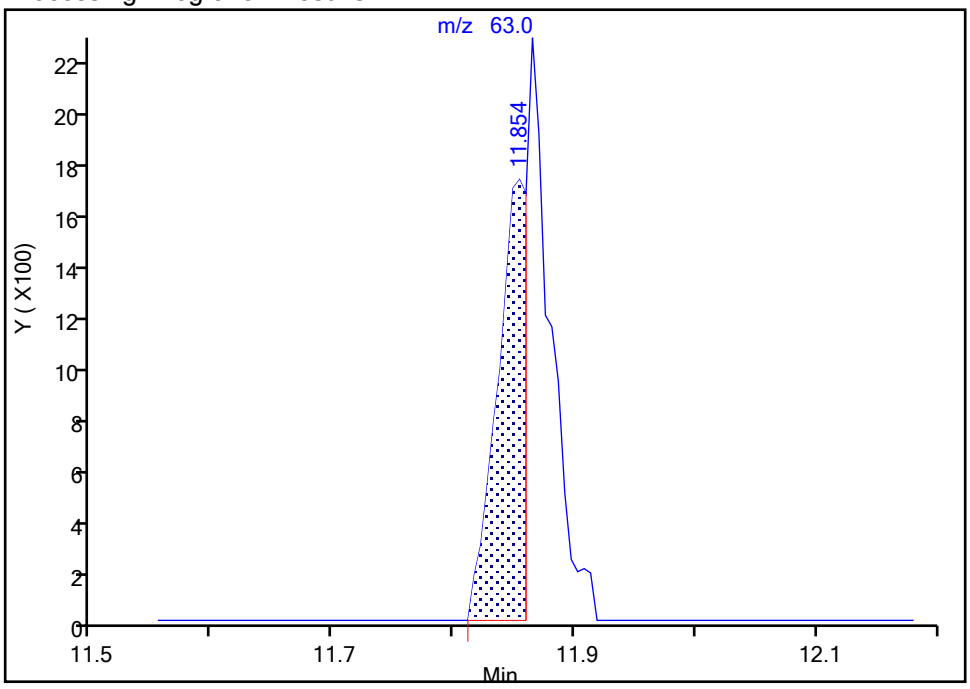
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-006.D				
Injection Date:	29-Apr-2021 19:26:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

54 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

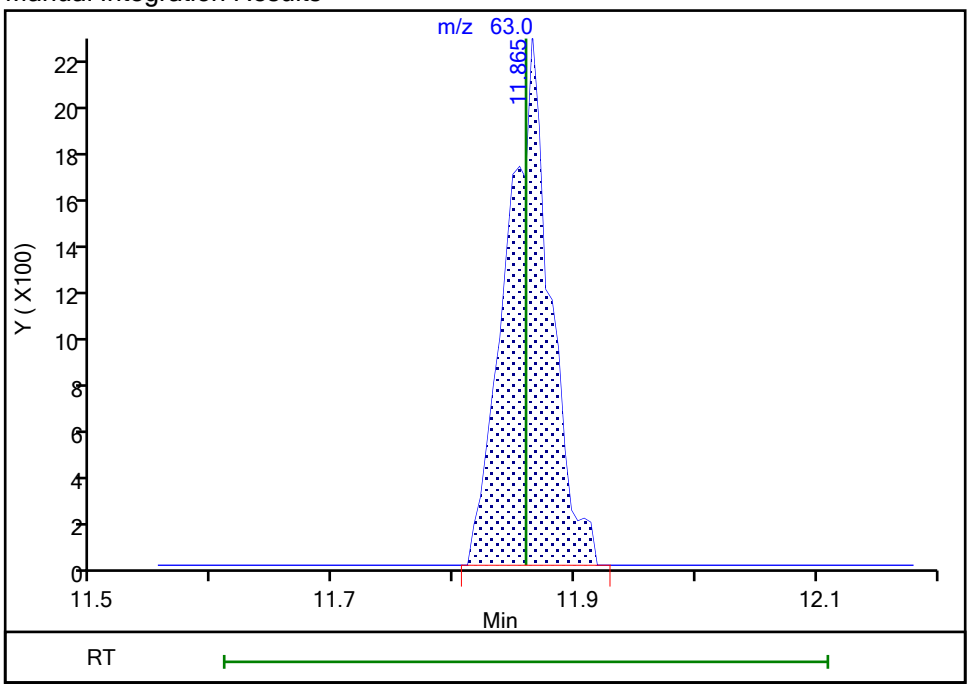
Processing Integration Results

RT: 11.85
Area: 2946
Amount: 0.235416
Amount Units: ppb v/v



Manual Integration Results

RT: 11.86
Area: 5757
Amount: 0.484141
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:19:59

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

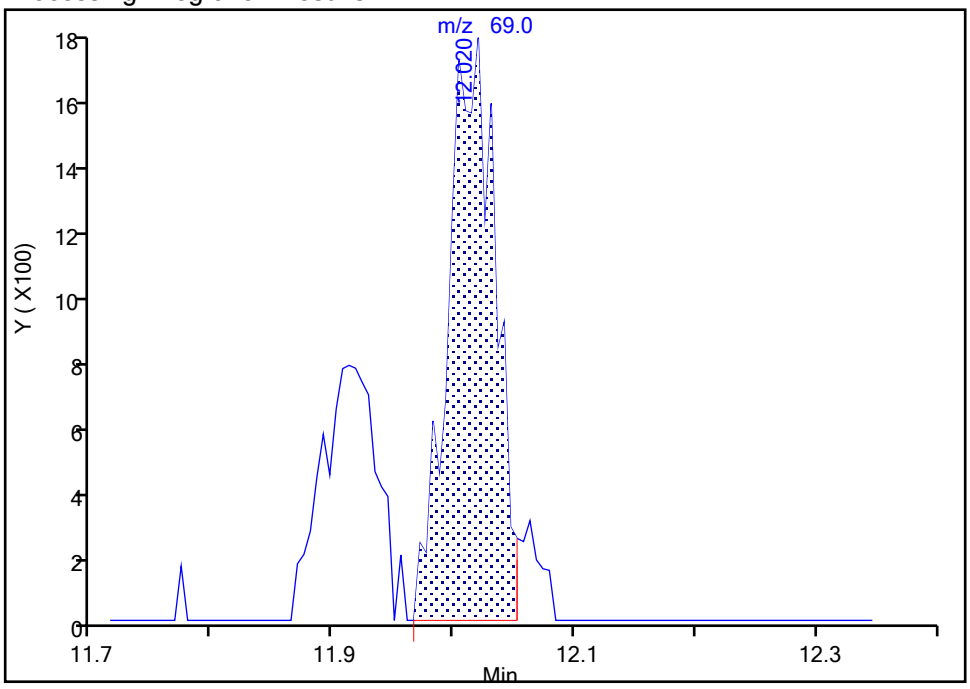
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-006.D				
Injection Date:	29-Apr-2021 19:26:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

55 Methyl methacrylate, CAS: 80-62-6

Signal: 1

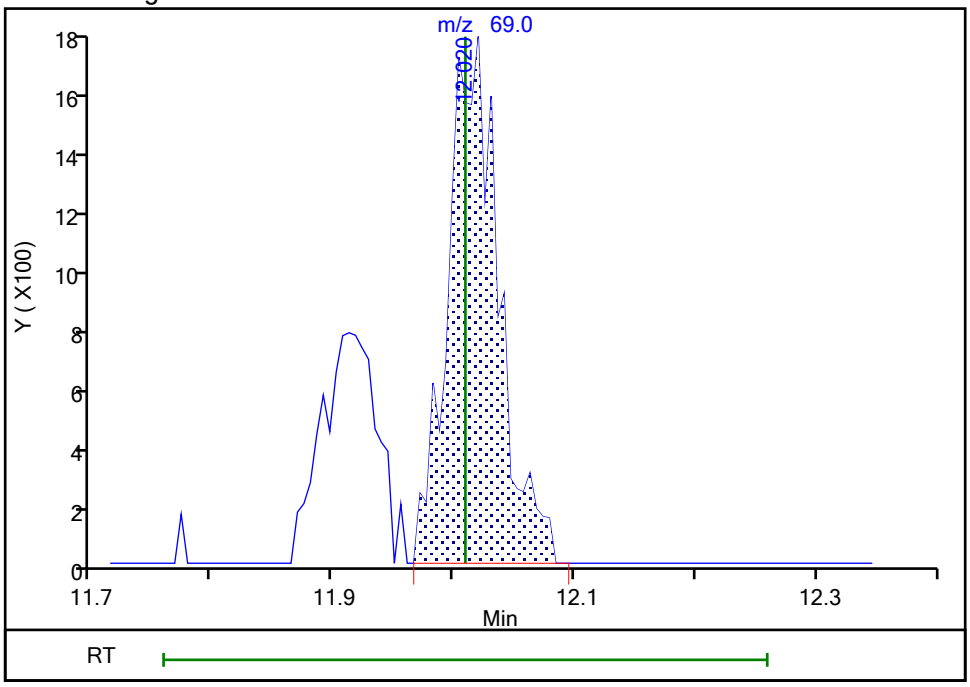
Processing Integration Results

RT: 12.02
Area: 4833
Amount: 0.422475
Amount Units: ppb v/v



Manual Integration Results

RT: 12.02
Area: 5167
Amount: 0.521006
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:20:12

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

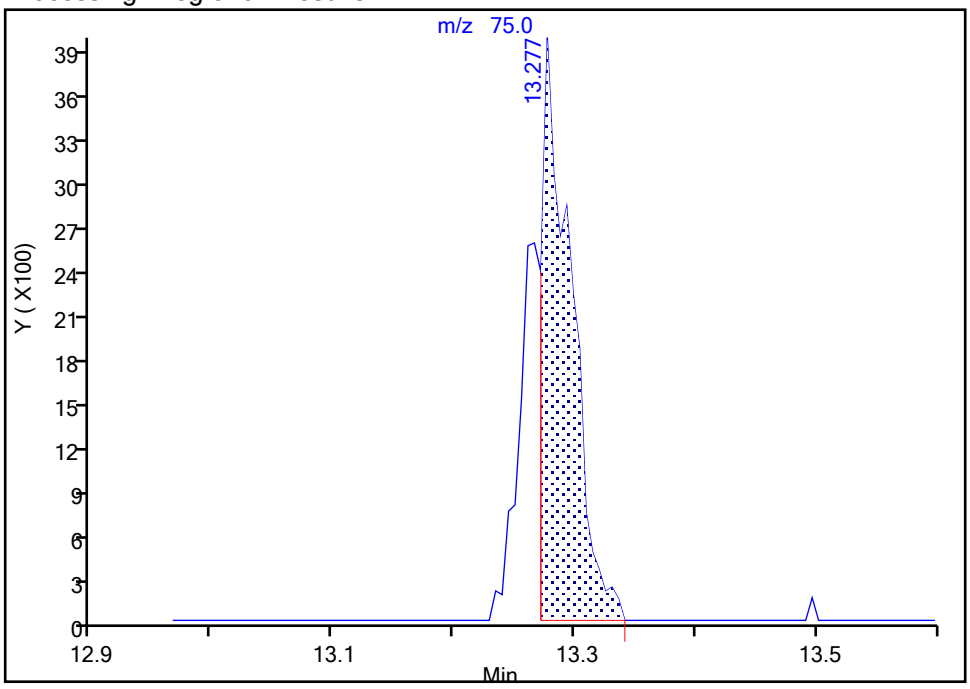
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-006.D				
Injection Date:	29-Apr-2021 19:26:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

60 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

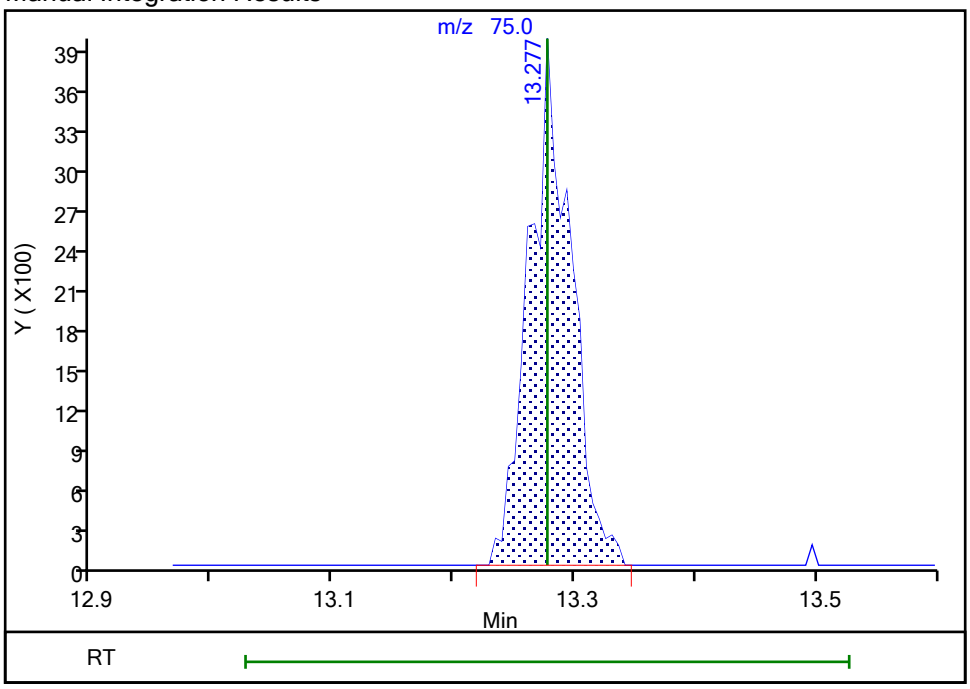
Processing Integration Results

RT: 13.28
Area: 6783
Amount: 0.307924
Amount Units: ppb v/v



Manual Integration Results

RT: 13.28
Area: 9539
Amount: 0.470599
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:20:32

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

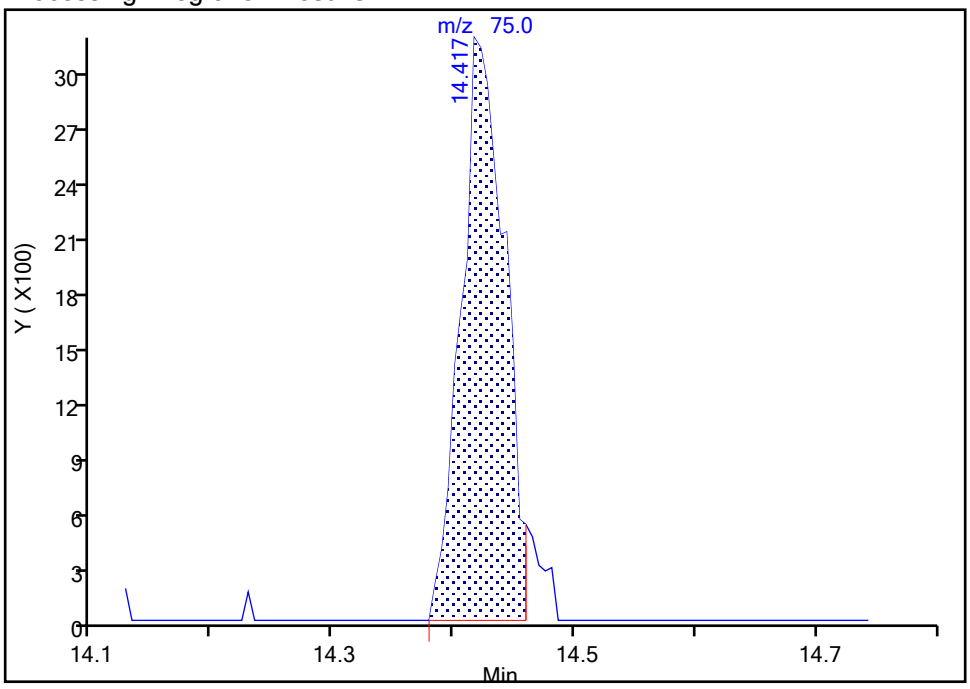
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-006.D				
Injection Date:	29-Apr-2021 19:26:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

66 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

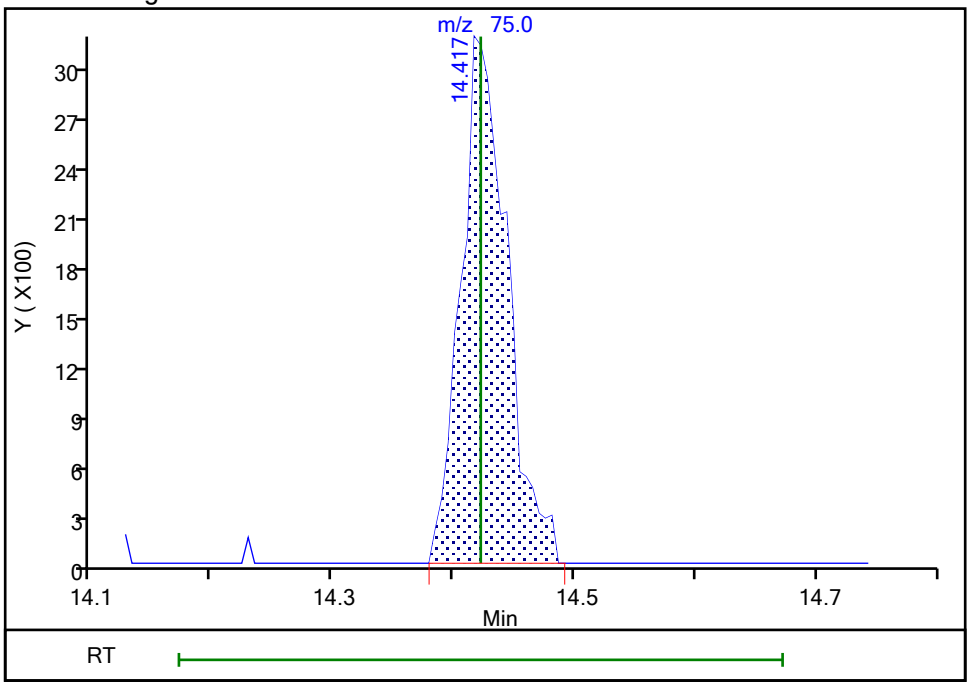
Processing Integration Results

RT: 14.42
Area: 7836
Amount: 0.379036
Amount Units: ppb v/v



Manual Integration Results

RT: 14.42
Area: 8250
Amount: 0.448213
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:20:41

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

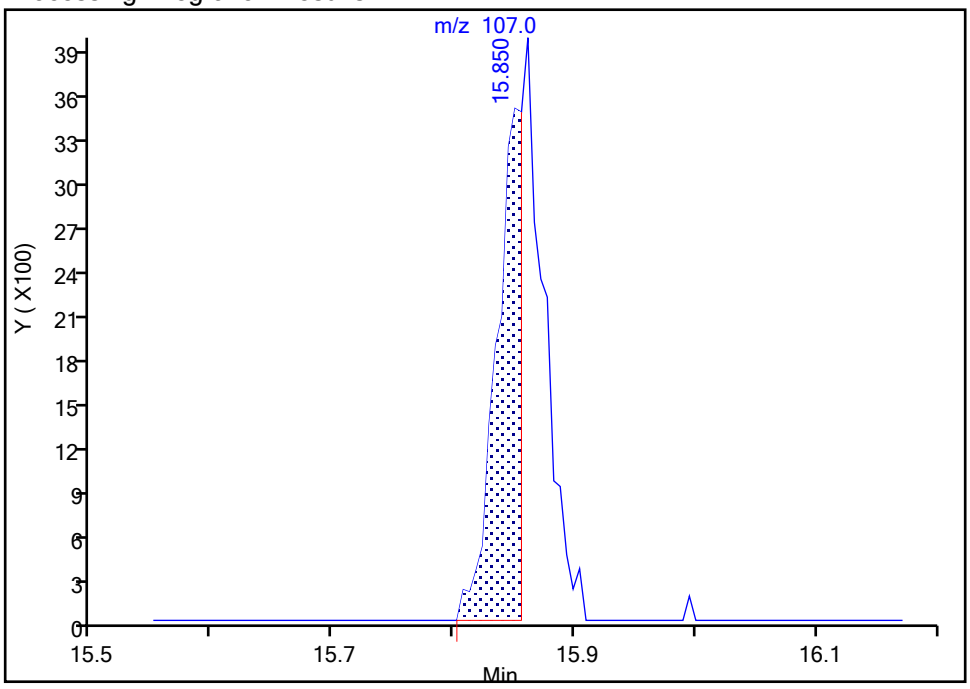
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-006.D				
Injection Date:	29-Apr-2021 19:26:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

72 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

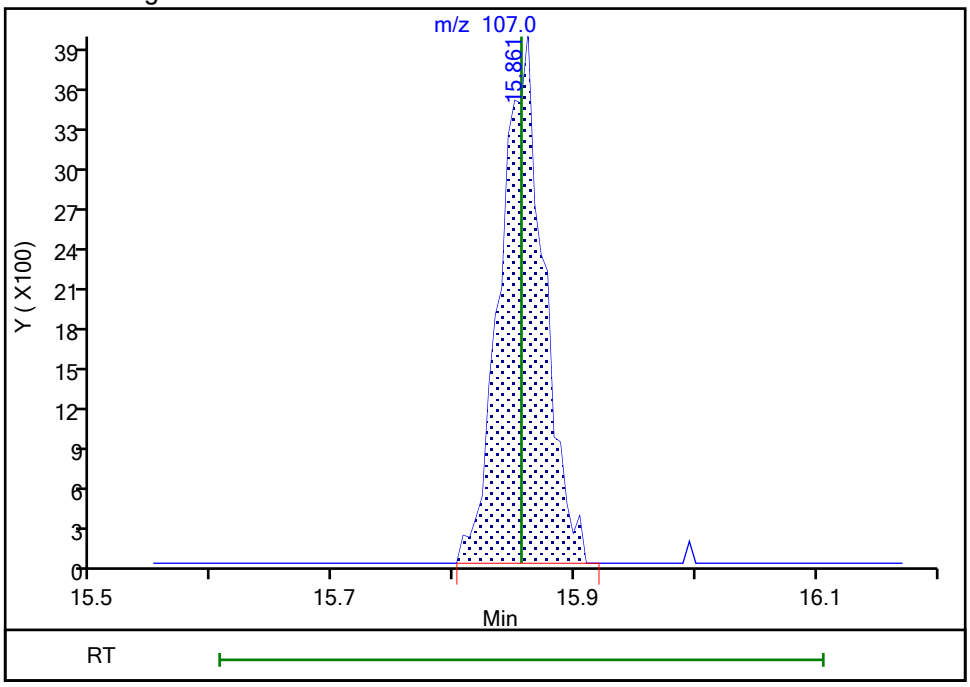
Processing Integration Results

RT: 15.85
Area: 5316
Amount: 0.229239
Amount Units: ppb v/v



Manual Integration Results

RT: 15.86
Area: 9798
Amount: 0.449035
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:20:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

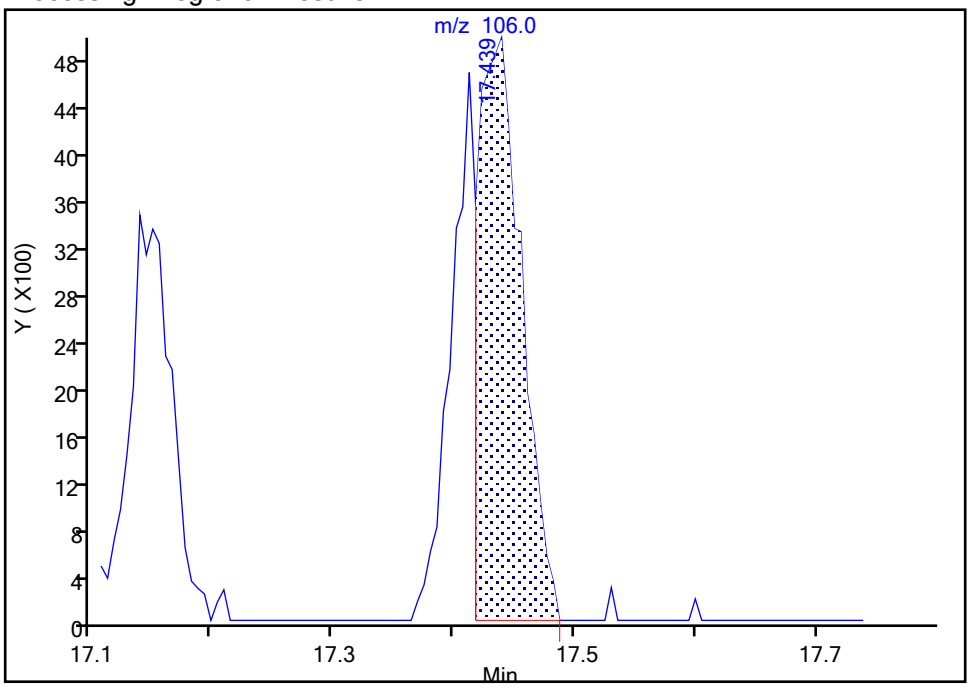
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-006.D				
Injection Date:	29-Apr-2021 19:26:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

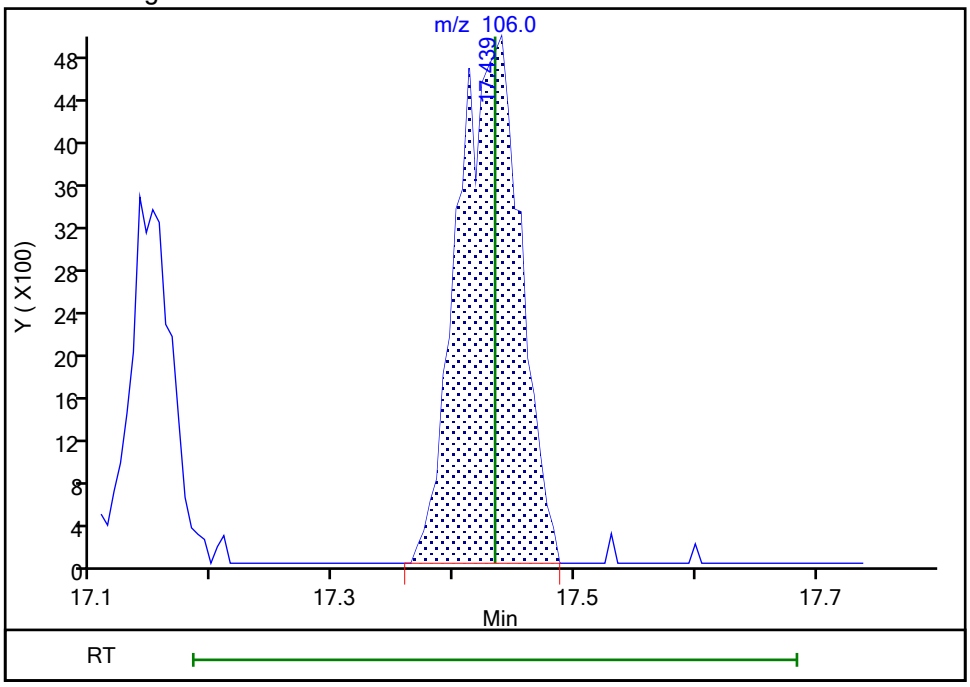
Processing Integration Results

RT: 17.44
Area: 12440
Amount: 0.714373
Amount Units: ppb v/v



Manual Integration Results

RT: 17.44
Area: 17983
Amount: 0.977106
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:20:54
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-007.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 29-Apr-2021 20:19:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045776-007
Misc. Info.: ic-04
Operator ID: ggg Instrument ID: CHG.i
Sublist: chrom-TO15_MasterMethod_(v1)_G*sub9

Method: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Apr-2021 09:38:40 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: bourdeaut Date: 30-Apr-2021 09:21:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.038	3.032	0.006	95	24489	4.64	4.88	
2 Dichlorodifluoromethane	85	3.091	3.091	0.000	99	129867	4.70	4.84	
3 Chlorodifluoromethane	51	3.107	3.102	0.005	96	62248	4.72	4.89	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.300	3.295	0.005	92	118520	4.68	4.74	
5 Chloromethane	50	3.364	3.364	0.000	98	30483	4.91	5.19	
7 Vinyl chloride	62	3.557	3.551	0.006	99	31928	4.67	4.39	
6 Butane	43	3.562	3.562	0.000	94	41785	4.66	4.83	
8 Butadiene	54	3.626	3.626	0.000	94	22098	4.55	4.42	
10 Bromomethane	94	4.081	4.081	0.000	98	40919	4.64	4.73	
11 Chloroethane	64	4.268	4.268	0.000	94	12646	4.67	4.63	
12 2-Methylbutane	43	4.439	4.439	0.000	90	32354	4.70	4.33	
13 Vinyl bromide	106	4.573	4.579	-0.005	96	40937	4.69	4.74	
14 Trichlorofluoromethane	101	4.707	4.712	-0.005	98	130625	4.75	4.77	
16 Pentane	43	4.873	4.873	0.000	94	51546	4.56	4.72	
17 Ethanol	45	4.926	4.921	0.005	93	22646	6.75	6.84	
18 Ethyl ether	59	5.188	5.188	0.000	93	14052	4.54	4.27	
19 Acrolein	56	5.354	5.344	0.010	61	2194	4.37	2.57	
21 1,1-Dichloroethene	96	5.558	5.563	-0.005	97	37369	4.63	4.52	
22 Acetone	43	5.579	5.579	0.000	99	39977	4.61	4.90	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.600	5.600	0.000	96	86825	4.72	4.56	
24 Isopropyl alcohol	45	5.820	5.809	0.011	100	45375	4.60	4.75	
23 Carbon disulfide	76	5.937	5.932	0.005	99	108205	4.57	4.78	
26 Acetonitrile	41	5.980	5.975	0.005	98	16108	4.45	4.61	
25 3-Chloro-1-propene	41	6.157	6.151	0.006	98	36188	4.79	4.72	
27 Methylene Chloride	49	6.355	6.349	0.006	93	40446	4.63	4.72	
28 2-Methyl-2-propanol	59	6.526	6.515	0.011	96	59079	4.85	5.01	
32 Acrylonitrile	53	6.686	6.681	0.005	99	13787	4.55	4.37	
31 trans-1,2-Dichloroethene	61	6.852	6.852	0.000	97	53385	4.59	4.46	
29 Methyl tert-butyl ether	73	6.874	6.868	0.006	95	75799	4.70	4.51	
33 Hexane	57	7.382	7.376	0.006	88	41928	4.76	4.66	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 1,1-Dichloroethane	63	7.564	7.564	0.000	99	53270	4.50	4.14	
35 Vinyl acetate	43	7.580	7.580	0.000	99	47872	4.67	4.52	
38 2-Butanone (MEK)	72	8.489	8.489	0.000	100	11230	4.65	4.10	
37 cis-1,2-Dichloroethene	96	8.521	8.521	0.000	96	36011	4.54	4.52	
39 Ethyl acetate	88	8.591	8.607	-0.016	99	1856	4.56	4.92	
* 40 Chlorobromomethane	128	8.923	8.928	-0.006	84	107244	10.0	10.0	
41 Tetrahydrofuran	42	9.013	9.008	0.005	88	28381	4.49	4.78	
42 Chloroform	83	9.110	9.110	0.000	96	89314	4.54	4.30	
44 1,1,1-Trichloroethane	97	9.452	9.452	0.000	96	109615	4.58	4.43	
43 Cyclohexane	84	9.629	9.634	-0.005	95	47796	4.57	4.38	
S 30 1,2-Dichloroethene, Total	61				0		9.13	8.98	
45 Carbon tetrachloride	117	9.762	9.757	0.005	98	132816	4.57	4.61	
47 Benzene	78	10.099	10.094	0.005	96	108290	4.65	3.79	
48 1,2-Dichloroethane	62	10.142	10.142	0.000	97	53693	4.66	3.94	
46 Isooctane	57	10.399	10.404	-0.005	97	209922	4.71	4.54	
49 n-Heptane	43	10.736	10.741	-0.005	96	75960	4.73	4.53	
* 50 1,4-Difluorobenzene	114	10.897	10.897	0.001	95	581670	10.0	10.0	
52 n-Butanol	56	11.143	11.132	0.011	93	29102	4.30	4.30	
53 Trichloroethene	95	11.383	11.389	-0.006	96	91127	4.74	4.57	
54 1,2-Dichloropropane	63	11.854	11.859	-0.005	87	48606	4.64	4.05	
55 Methyl methacrylate	69	12.004	12.009	-0.005	90	45372	4.57	4.53	
56 1,4-Dioxane	88	12.031	12.020	0.011	55	33558	4.76	5.01	
57 Dibromomethane	174	12.020	12.020	0.000	95	80793	4.63	3.94	
58 Dichlorobromomethane	83	12.378	12.384	-0.006	98	121528	4.76	4.14	
60 cis-1,3-Dichloropropene	75	13.277	13.277	0.000	95	85595	4.67	4.19	
61 4-Methyl-2-pentanone (MIBK)	43	13.571	13.577	-0.006	98	115930	4.61	4.62	
A 63 Toluene Range	92	13.999	(13.959-14.039)		0	407661	NC	NC	
65 Toluene	92	13.999	13.999	0.000	93	97051	4.57	3.88	
A 62 C8 Range	1	14.347	(14.308-14.408)		0	475931	NC	NC	
64 n-Octane	43	14.363	14.358	0.005	94	121100	4.65	4.32	
66 trans-1,3-Dichloropropene	75	14.427	14.422	0.005	97	75144	4.45	4.05	
67 1,1,2-Trichloroethane	83	14.818	14.818	0.000	97	55912	4.72	4.21	
68 Tetrachloroethene	166	15.091	15.091	0.000	95	112026	4.72	4.14	
69 2-Hexanone	43	15.289	15.294	-0.005	93	110195	4.49	4.25	
71 Chlorodibromomethane	129	15.610	15.610	0.000	97	129628	4.36	3.74	
72 Ethylene Dibromide	107	15.856	15.856	0.000	98	98501	4.77	4.14	
* 74 Chlorobenzene-d5	117	16.851	16.856	-0.005	87	584960	10.0	10.0	
75 Chlorobenzene	112	16.915	16.915	0.000	94	142100	4.72	4.12	
76 Ethylbenzene	91	17.150	17.150	0.000	99	232556	4.60	4.03	
78 m-Xylene & p-Xylene	106	17.418	17.434	-0.016	0	171964	9.25	8.57	M
77 n-Nonane	57	17.578	17.573	0.005	90	106834	4.72	4.11	
79 o-Xylene	106	18.236	18.236	0.000	97	83259	4.66	3.88	
80 Styrene	104	18.268	18.263	0.005	99	123010	4.64	4.19	
81 Bromoform	173	18.605	18.605	0.000	95	125825	4.63	4.12	
82 Isopropylbenzene	105	19.028	19.033	-0.005	96	254620	4.69	4.21	
* 83 4-Bromofluorobenzene	95	19.349	19.349	0.000	93	441909	10.0	10.0	
84 1,1,2,2-Tetrachloroethane	83	19.563	19.568	-0.005	99	150437	4.65	4.22	
S 73 Xylenes, Total	106				0		13.9	12.4	
86 1,2,3-Trichloropropane	75	19.670	19.670	0.000	98	118326	4.76	4.39	
85 N-Propylbenzene	91	19.831	19.836	-0.005	98	304893	4.68	4.26	
89 2-Chlorotoluene	91	19.975	19.975	0.000	97	198185	4.70	4.15	
88 4-Ethyltoluene	105	20.055	20.061	-0.006	98	247887	4.65	4.22	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,3,5-Trimethylbenzene	105	20.162	20.168	-0.006	92	210215	4.67	4.02	
87 n-Decane	57	20.253	20.253	0.000	92	119249	4.69	4.05	
91 Alpha Methyl Styrene	118	20.510	20.510	0.000	88	99294	4.59	3.98	
92 tert-Butylbenzene	119	20.687	20.686	0.000	90	198585	4.66	4.05	
93 1,2,4-Trimethylbenzene	105	20.772	20.777	-0.005	98	225403	4.68	4.22	
94 sec-Butylbenzene	105	21.034	21.034	0.000	98	309720	4.71	4.12	
96 1,3-Dichlorobenzene	146	21.195	21.195	0.000	98	156008	4.76	4.08	
95 4-Isopropyltoluene	119	21.270	21.270	0.000	97	260614	4.64	4.05	
97 1,4-Dichlorobenzene	146	21.345	21.344	0.001	95	154423	4.71	4.10	
98 Benzyl chloride	91	21.489	21.489	0.000	98	210927	4.76	4.46	
101 1,2-Dichlorobenzene	146	21.842	21.842	0.000	94	158771	4.70	4.10	
100 n-Butylbenzene	91	21.847	21.847	0.000	97	254865	4.67	4.22	
99 Undecane	57	22.040	22.040	0.000	94	123170	4.71	3.95	
102 Dodecane	57	23.602	23.607	-0.005	97	105269	4.21	3.64	
103 1,2,4-Trichlorobenzene	180	24.239	24.239	0.000	94	130908	4.89	4.00	
104 Hexachlorobutadiene	225	24.506	24.512	-0.006	97	154410	4.62	3.73	
105 Naphthalene	128	24.677	24.677	0.000	99	260565	4.37	3.71	
106 1,2,3-Trichlorobenzene	180	25.073	25.079	-0.006	95	120434	4.10	3.49	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL4w_00763	Amount Added: 90.00	Units: mL	
ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

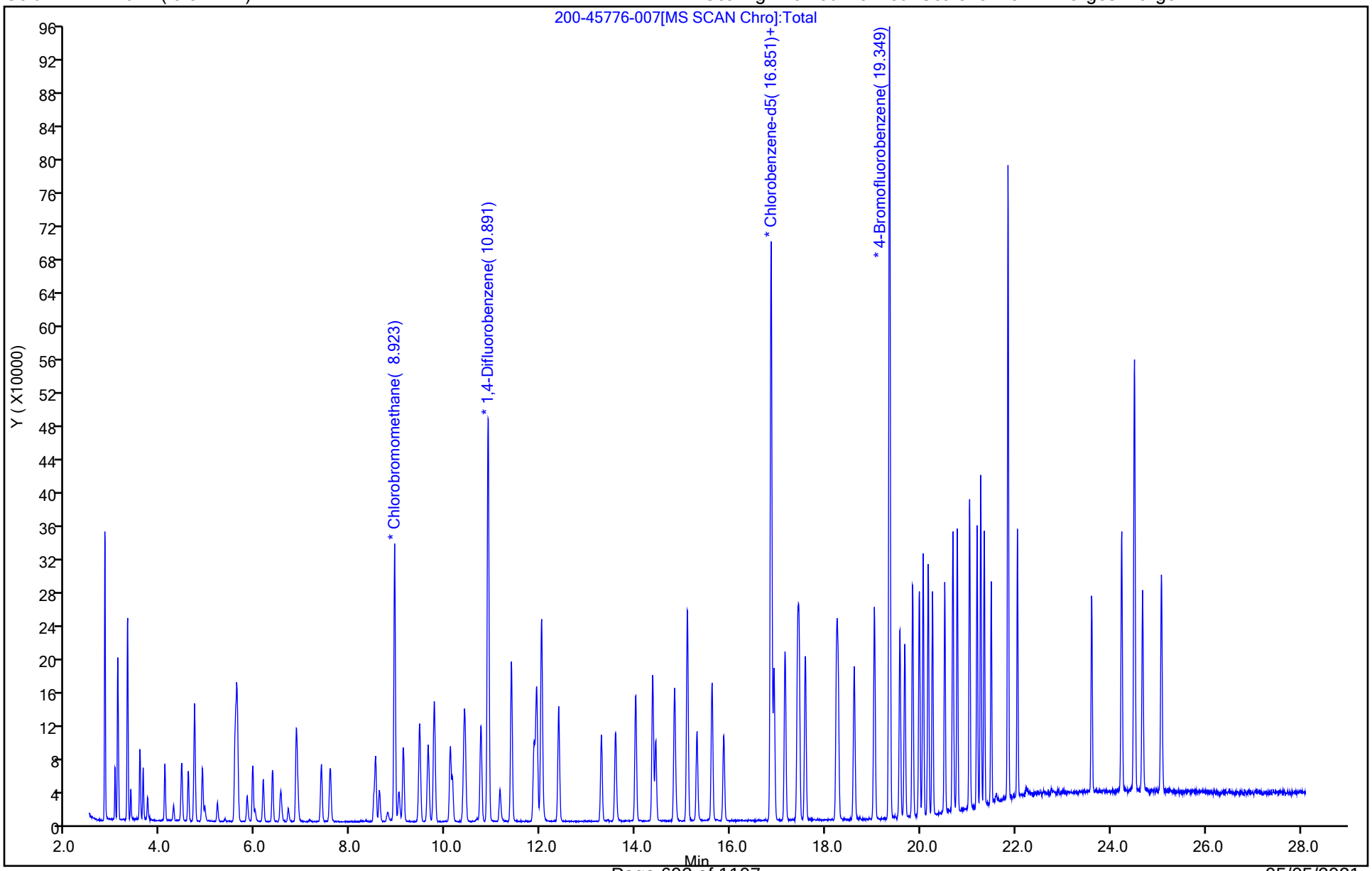
Report Date: 30-Apr-2021 09:38:40 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-007.D

Injection Date:	29-Apr-2021 20:19:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	ic			Worklist Smp#:	7
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

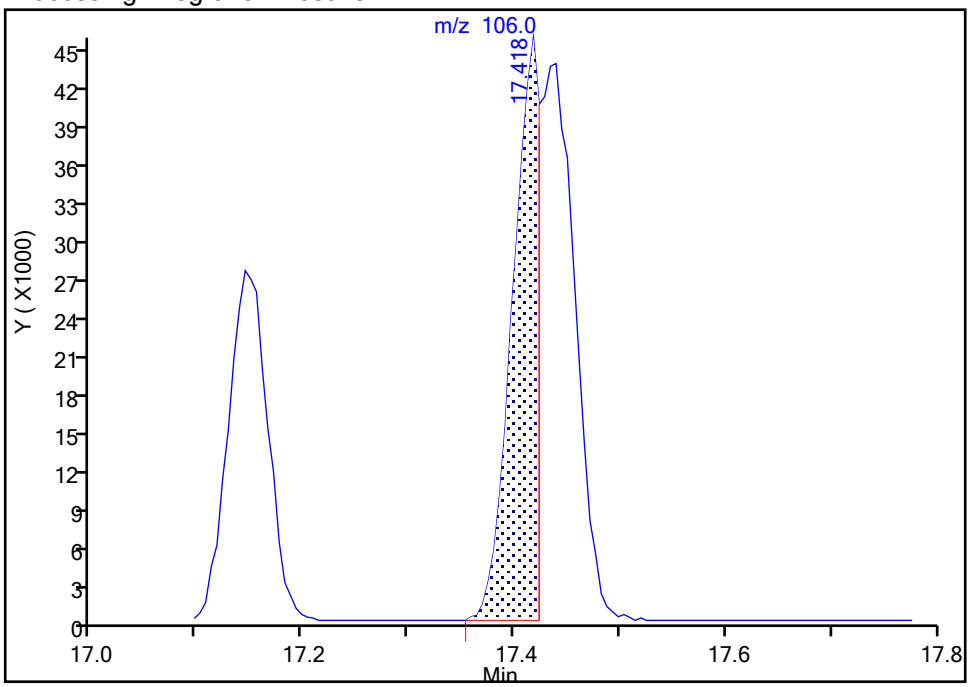
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-007.D				
Injection Date:	29-Apr-2021 20:19:30	Instrument ID:	CHG.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

78 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

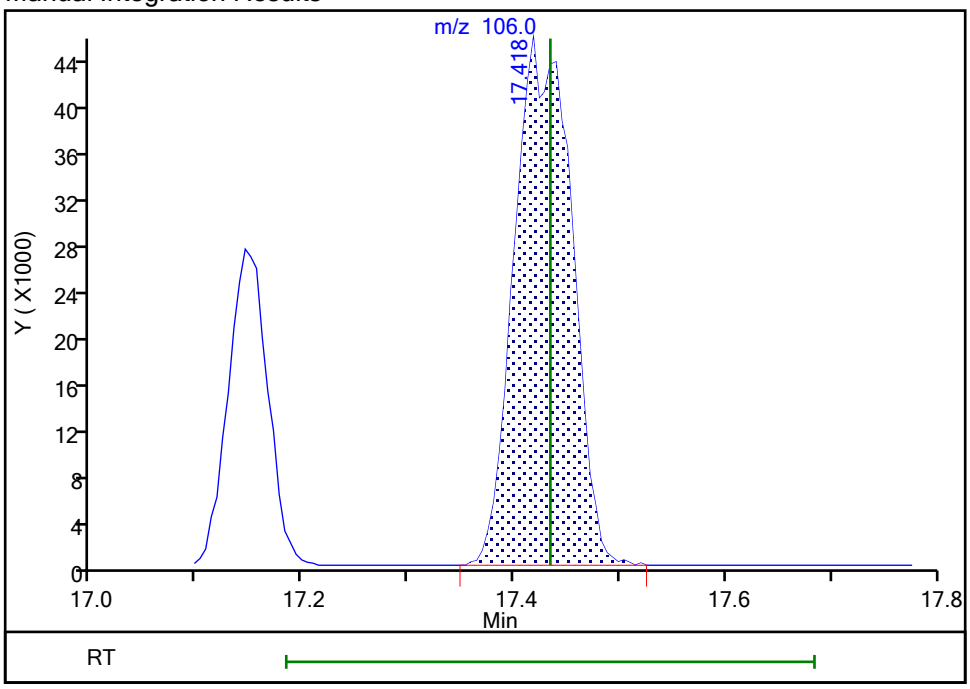
Processing Integration Results

RT: 17.42
Area: 81096
Amount: 4.069546
Amount Units: ppb v/v



Manual Integration Results

RT: 17.42
Area: 171964
Amount: 8.565992
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 09:21:35

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-008.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 29-Apr-2021 21:11:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045776-008
Misc. Info.: icis
Operator ID: ggg Instrument ID: CHG.i
Sublist: chrom-TO15_MasterMethod_(v1)_G*sub9

Method: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Apr-2021 09:38:45 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: bourdeaut Date: 30-Apr-2021 08:59:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.033	3.033	0.000	97	55769	10.3	10.6	
2 Dichlorodifluoromethane	85	3.091	3.091	0.000	100	301265	10.4	10.7	
3 Chlorodifluoromethane	51	3.107	3.107	0.000	98	141125	10.5	10.6	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.300	3.300	0.000	92	269237	10.4	10.3	
5 Chloromethane	50	3.364	3.364	0.000	99	67354	10.9	11.0	
7 Vinyl chloride	62	3.557	3.557	0.000	99	74796	10.4	9.83	
6 Butane	43	3.562	3.562	0.000	94	97399	10.4	10.8	
8 Butadiene	54	3.626	3.626	0.000	93	52254	10.1	10.0	
10 Bromomethane	94	4.086	4.086	0.000	97	94169	10.3	10.4	
11 Chloroethane	64	4.268	4.268	0.000	96	30912	10.4	10.8	
12 2-Methylbutane	43	4.440	4.440	0.000	89	73270	10.4	9.37	
13 Vinyl bromide	106	4.579	4.579	0.000	96	96102	10.4	10.6	
14 Trichlorofluoromethane	101	4.712	4.712	0.000	99	304726	10.6	10.6	
16 Pentane	43	4.873	4.873	0.000	97	120761	10.1	10.6	
17 Ethanol	45	4.916	4.916	0.000	90	55446	15.0	16.0	
18 Ethyl ether	59	5.183	5.183	0.000	90	34012	10.1	9.88	
19 Acrolein	56	5.344	5.344	0.000	97	9020	9.72	10.1	
21 1,1-Dichloroethene	96	5.563	5.563	0.000	97	82790	10.3	9.56	
22 Acetone	43	5.579	5.579	0.000	100	91706	10.2	10.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.606	5.606	0.000	97	206019	10.5	10.3	
24 Isopropyl alcohol	45	5.814	5.814	0.000	100	112075	10.2	11.2	
23 Carbon disulfide	76	5.937	5.937	0.000	99	246997	10.2	10.4	
26 Acetonitrile	41	5.980	5.980	0.000	96	38264	9.90	10.5	
25 3-Chloro-1-propene	41	6.157	6.157	0.000	96	84661	10.6	10.6	
27 Methylene Chloride	49	6.355	6.355	0.000	93	91469	10.3	10.2	
28 2-Methyl-2-propanol	59	6.521	6.521	0.000	95	144631	10.8	11.7	
32 Acrylonitrile	53	6.686	6.686	0.000	94	34793	10.1	10.5	
31 trans-1,2-Dichloroethene	61	6.847	6.847	0.000	97	119687	10.2	9.55	
29 Methyl tert-butyl ether	73	6.868	6.868	0.000	95	183697	10.4	10.4	
33 Hexane	57	7.377	7.377	0.000	88	94710	10.6	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 1,1-Dichloroethane	63	7.564	7.564	0.000	99	132838	10.0	9.88	
35 Vinyl acetate	43	7.574	7.574	0.000	99	116080	10.4	10.5	
38 2-Butanone (MEK)	72	8.484	8.484	0.000	99	28942	10.3	10.1	
37 cis-1,2-Dichloroethene	96	8.521	8.521	0.000	94	89225	10.1	10.7	
39 Ethyl acetate	88	8.602	8.602	0.000	99	4288	10.1	10.9	
* 40 Chlorobromomethane	128	8.928	8.928	0.000	79	112189	10.0	10.0	a
41 Tetrahydrofuran	42	9.003	9.003	0.000	90	68162	9.99	10.7	
42 Chloroform	83	9.110	9.110	0.000	96	221027	10.1	10.2	
44 1,1,1-Trichloroethane	97	9.452	9.452	0.000	94	269797	10.2	10.2	
43 Cyclohexane	84	9.629	9.629	0.000	96	118358	10.1	10.1	
S 30 1,2-Dichloroethene, Total	61				0		20.3	20.3	
45 Carbon tetrachloride	117	9.762	9.762	0.000	97	317964	10.2	10.3	
47 Benzene	78	10.094	10.094	0.000	96	280847	10.3	9.17	
48 1,2-Dichloroethane	62	10.142	10.142	0.000	97	143168	10.4	9.81	
46 Isooctane	57	10.399	10.399	0.000	97	502609	10.5	10.2	
49 n-Heptane	43	10.747	10.747	0.000	96	188935	10.5	10.5	
* 50 1,4-Difluorobenzene	114	10.897	10.897	0.000	94	622676	10.0	10.0	
52 n-Butanol	56	11.137	11.137	0.000	93	77007	9.55	10.6	
53 Trichloroethene	95	11.389	11.389	0.000	95	224263	10.5	10.5	
54 1,2-Dichloropropane	63	11.865	11.865	0.000	85	119952	10.3	9.34	
55 Methyl methacrylate	69	12.009	12.009	0.000	93	109280	10.2	10.2	
56 1,4-Dioxane	88	12.025	12.025	0.000	49	84596	10.6	11.8	
57 Dibromomethane	174	12.025	12.025	0.000	96	217606	10.3	9.92	
58 Dichlorobromomethane	83	12.384	12.384	0.000	99	334769	10.6	10.7	
60 cis-1,3-Dichloropropene	75	13.283	13.283	0.000	94	215630	10.4	9.85	
61 4-Methyl-2-pentanone (MIBK)	43	13.571	13.571	0.000	99	294043	10.2	10.9	
A 63 Toluene Range	92	13.999	(13.959-14.039)		0	1009799	NC	NC	
65 Toluene	92	13.999	13.999	0.000	92	244205	10.2	9.57	
A 62 C8 Range	1	14.349	(14.308-14.408)		0	1192762	NC	NC	
64 n-Octane	43	14.358	14.358	0.000	93	310416	10.3	10.3	
66 trans-1,3-Dichloropropene	75	14.427	14.427	0.000	97	188732	9.88	9.49	
67 1,1,2-Trichloroethane	83	14.818	14.818	0.000	97	137952	10.5	10.2	
68 Tetrachloroethene	166	15.091	15.091	0.000	96	276624	10.5	10.0	
69 2-Hexanone	43	15.289	15.289	0.000	94	282082	9.99	10.7	
71 Chlorodibromomethane	129	15.610	15.610	0.000	97	358263	9.68	10.1	
72 Ethylene Dibromide	107	15.856	15.856	0.000	98	251773	10.6	10.4	
* 74 Chlorobenzene-d5	117	16.851	16.851	0.000	87	596437	10.0	10.0	
75 Chlorobenzene	112	16.915	16.915	0.000	95	360622	10.5	10.3	
76 Ethylbenzene	91	17.150	17.150	0.000	99	578998	10.2	9.84	
78 m-Xylene & p-Xylene	106	17.434	17.434	0.000	0	433561	20.6	21.2	
77 n-Nonane	57	17.573	17.573	0.000	90	272639	10.5	10.3	
79 o-Xylene	106	18.236	18.236	0.000	97	220364	10.4	10.1	
80 Styrene	104	18.263	18.263	0.000	99	331542	10.3	11.1	
81 Bromoform	173	18.606	18.606	0.000	96	347951	10.3	11.2	
82 Isopropylbenzene	105	19.034	19.034	0.000	96	655273	10.4	10.6	
* 83 4-Bromofluorobenzene	95	19.349	19.349	0.000	93	464702	10.0	10.0	
84 1,1,2,2-Tetrachloroethane	83	19.563	19.563	0.000	99	383666	10.3	10.6	
S 73 Xylenes, Total	106				0		30.9	31.3	
86 1,2,3-Trichloropropane	75	19.670	19.670	0.000	99	293605	10.6	10.7	
85 N-Propylbenzene	91	19.836	19.836	0.000	99	798916	10.4	10.9	
89 2-Chlorotoluene	91	19.975	19.975	0.000	97	513822	10.4	10.6	
88 4-Ethyltoluene	105	20.055	20.055	0.000	99	652542	10.3	10.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,3,5-Trimethylbenzene	105	20.162	20.162	0.000	93	570142	10.4	10.7	
87 n-Decane	57	20.253	20.253	0.000	91	334158	10.4	11.1	
91 Alpha Methyl Styrene	118	20.510	20.510	0.000	87	272638	10.2	10.7	
92 tert-Butylbenzene	119	20.681	20.681	0.000	93	532747	10.4	10.7	
93 1,2,4-Trimethylbenzene	105	20.778	20.778	0.000	98	575776	10.4	10.6	
94 sec-Butylbenzene	105	21.034	21.034	0.000	98	825187	10.5	10.8	
96 1,3-Dichlorobenzene	146	21.195	21.195	0.000	98	409155	10.6	10.5	
95 4-Isopropyltoluene	119	21.270	21.270	0.000	97	698641	10.3	10.6	
97 1,4-Dichlorobenzene	146	21.345	21.345	0.000	95	399943	10.5	10.4	
98 Benzyl chloride	91	21.489	21.489	0.000	98	542157	10.6	11.2	
101 1,2-Dichlorobenzene	146	21.842	21.842	0.000	95	412882	10.4	10.5	
100 n-Butylbenzene	91	21.847	21.847	0.000	98	679556	10.4	11.0	
99 Undecane	57	22.040	22.040	0.000	95	356027	10.5	11.2	
102 Dodecane	57	23.608	23.608	0.000	97	289979	9.36	9.85	
103 1,2,4-Trichlorobenzene	180	24.239	24.239	0.000	94	354299	10.9	10.6	
104 Hexachlorobutadiene	225	24.506	24.506	0.000	97	419519	10.3	9.93	
105 Naphthalene	128	24.677	24.677	0.000	99	669359	9.72	9.35	
106 1,2,3-Trichlorobenzene	180	25.073	25.073	0.000	96	316917	9.12	9.01	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

ATTO15CAL4w_00763	Amount Added: 200.00	Units: mL	
ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

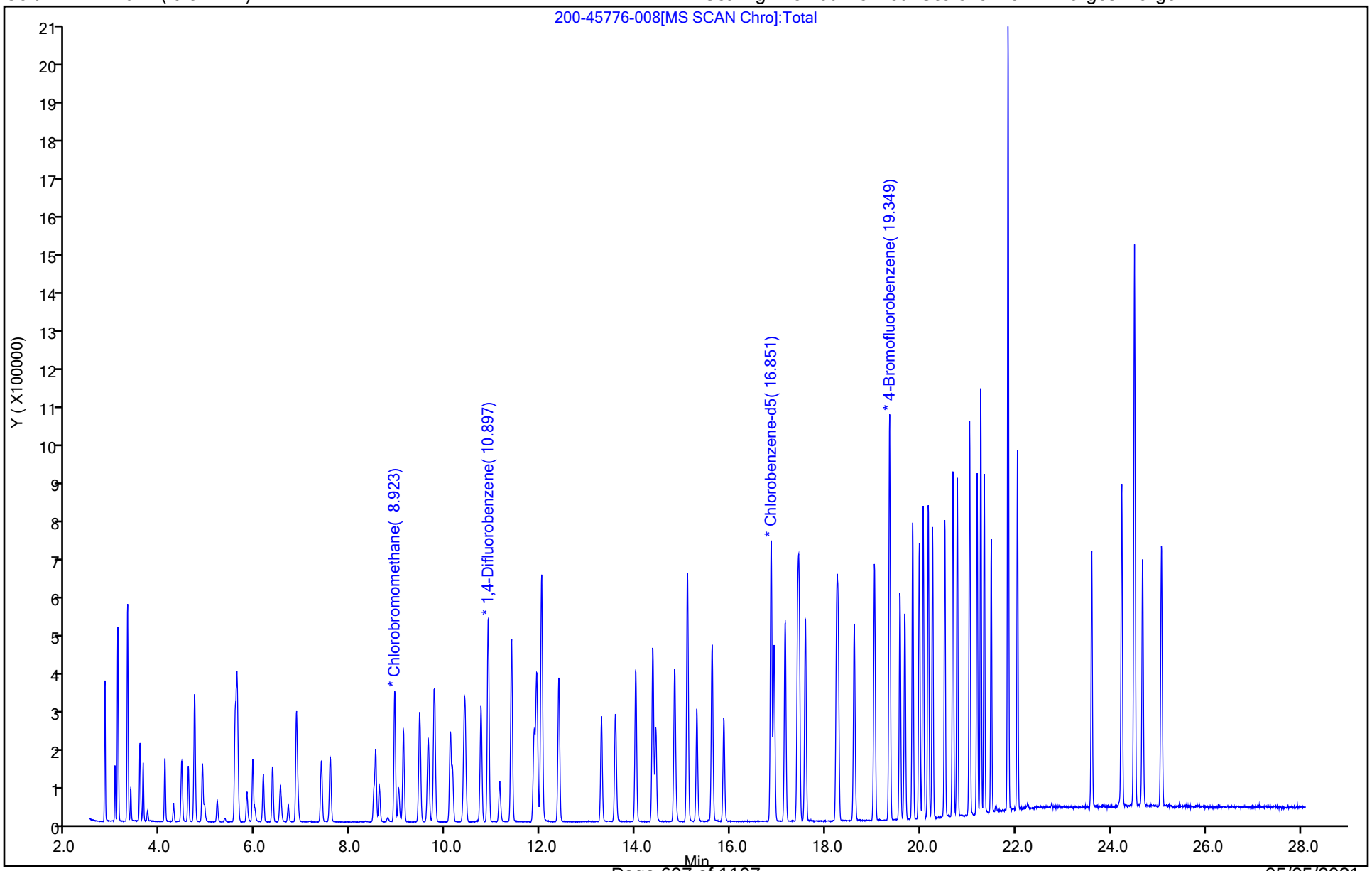
Report Date: 30-Apr-2021 09:38:46 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-008.D

Injection Date:	29-Apr-2021 21:11:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	icis			Worklist Smp#:	8
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington

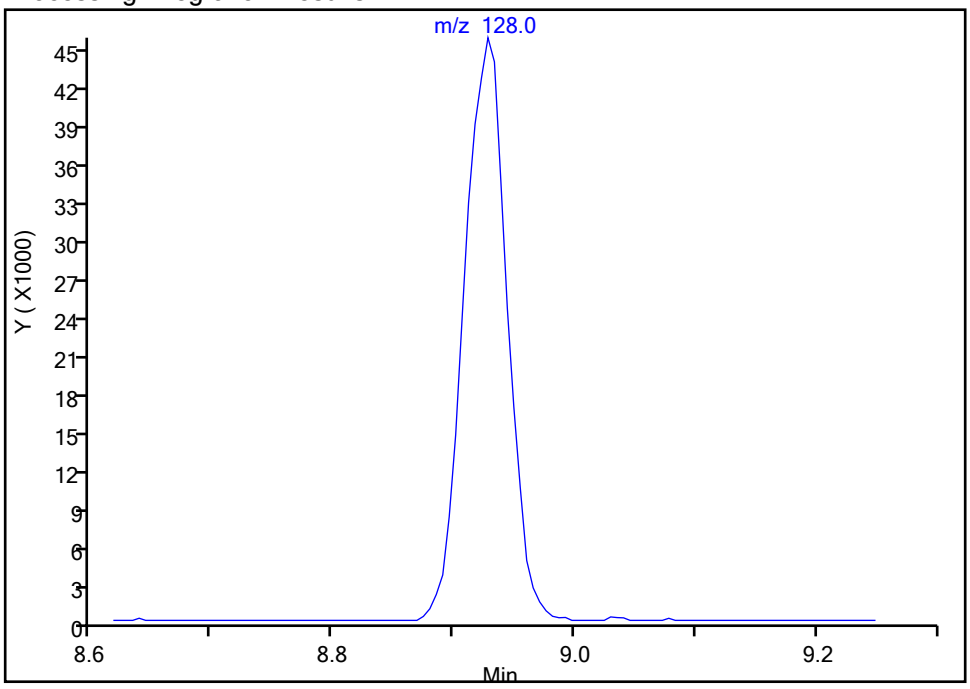
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-008.D				
Injection Date:	29-Apr-2021 21:11:30	Instrument ID:	CHG.i		
Lims ID:	icis				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

* 40 Chlorobromomethane, CAS: 74-97-5

Signal: 1

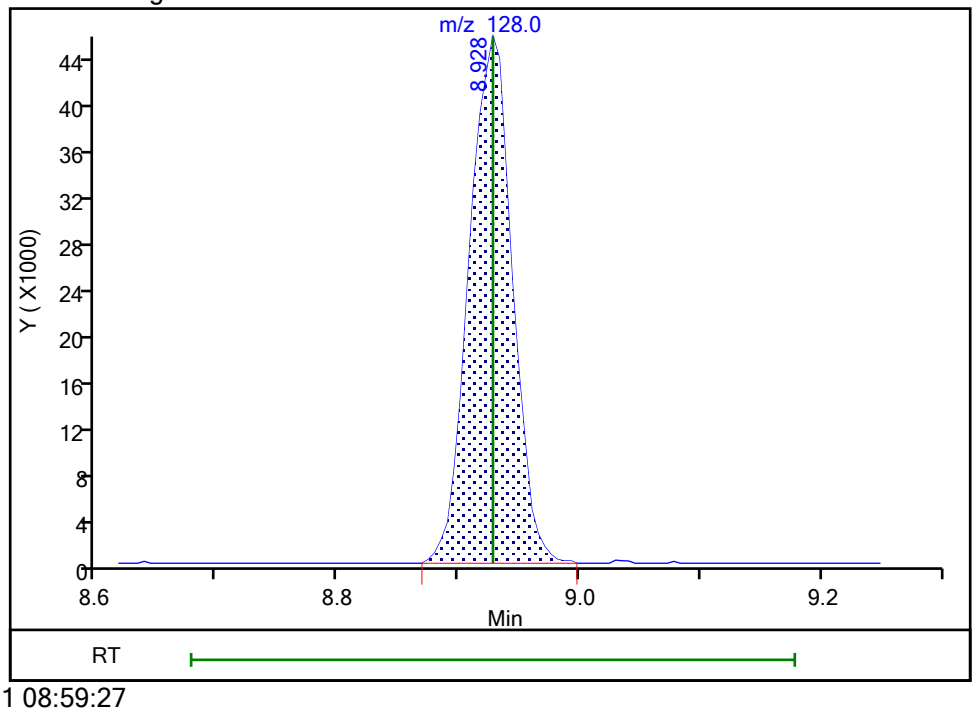
Not Detected
Expected RT: 8.93

Processing Integration Results



Manual Integration Results

RT: 8.93
Area: 112189
Amount: 10.000000
Amount Units: ppb v/v



Reviewer: bourdeaut, 30-Apr-2021 08:59:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-009.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 29-Apr-2021 22:04:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045776-009
Misc. Info.: ic-06
Operator ID: ggg Instrument ID: CHG.i
Sublist: chrom-TO15_MasterMethod_(v1)_G*sub9

Method: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Apr-2021 09:38:47 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: bourdeaut Date: 30-Apr-2021 09:22:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.032	3.033	-0.001	94	80303	15.5	15.1	
2 Dichlorodifluoromethane	85	3.091	3.091	0.000	99	438531	15.7	15.4	
3 Chlorodifluoromethane	51	3.107	3.107	0.000	98	205911	15.7	15.3	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.300	3.300	0.000	92	397493	15.6	15.0	
5 Chloromethane	50	3.364	3.364	0.000	99	96209	16.4	15.5	
7 Vinyl chloride	62	3.551	3.557	-0.006	99	106511	15.6	13.8	
6 Butane	43	3.562	3.562	0.000	94	140928	15.5	15.4	
8 Butadiene	54	3.626	3.626	0.000	93	72692	15.2	13.8	
10 Bromomethane	94	4.086	4.086	0.000	98	137344	15.5	15.0	
11 Chloroethane	64	4.268	4.268	0.000	96	44431	15.6	15.4	
12 2-Methylbutane	43	4.439	4.440	-0.001	88	100030	15.7	12.6	
13 Vinyl bromide	106	4.578	4.579	-0.001	96	136288	15.6	14.9	
14 Trichlorofluoromethane	101	4.712	4.712	0.000	99	438410	15.8	15.1	
16 Pentane	43	4.873	4.873	0.000	97	164931	15.2	14.3	
17 Ethanol	45	4.915	4.916	-0.001	90	68089	20.0	19.4	
18 Ethyl ether	59	5.183	5.183	0.000	92	52924	15.1	15.2	
19 Acrolein	56	5.343	5.344	-0.001	96	16851	14.6	18.6	
21 1,1-Dichloroethene	96	5.563	5.563	0.000	98	120867	15.4	13.8	
22 Acetone	43	5.574	5.579	-0.005	98	133386	15.4	15.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.606	5.606	0.000	96	297654	15.7	14.8	
24 Isopropyl alcohol	45	5.809	5.814	-0.005	99	153403	15.3	15.2	
23 Carbon disulfide	76	5.937	5.937	0.000	100	357902	15.2	15.0	
26 Acetonitrile	41	5.980	5.980	0.000	97	53687	14.9	14.5	
25 3-Chloro-1-propene	41	6.162	6.157	0.005	96	124571	16.0	15.4	
27 Methylene Chloride	49	6.349	6.355	-0.006	94	131285	15.4	14.5	
28 2-Methyl-2-propanol	59	6.515	6.521	-0.006	95	199217	16.2	16.0	
32 Acrylonitrile	53	6.681	6.686	-0.005	91	55400	15.2	16.6	
31 trans-1,2-Dichloroethene	61	6.852	6.847	0.005	97	182909	15.3	14.4	
29 Methyl tert-butyl ether	73	6.868	6.868	0.000	95	272775	15.7	15.3	
33 Hexane	57	7.382	7.377	0.006	87	136010	15.9	14.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 1,1-Dichloroethane	63	7.564	7.564	0.000	99	199916	15.0	14.7	
35 Vinyl acetate	43	7.580	7.574	0.006	100	181306	15.6	16.2	
38 2-Butanone (MEK)	72	8.489	8.484	0.005	99	39789	15.5	13.7	
37 cis-1,2-Dichloroethene	96	8.527	8.521	0.006	94	133201	15.2	15.8	
39 Ethyl acetate	88	8.607	8.602	0.005	99	5765	15.2	14.4	
* 40 Chlorobromomethane	128	8.922	8.928	-0.006	78	113461	10.0	10.0	
41 Tetrahydrofuran	42	9.003	9.003	0.000	84	95939	15.0	15.4	
42 Chloroform	83	9.110	9.110	0.000	97	332034	15.2	15.1	
44 1,1,1-Trichloroethane	97	9.452	9.452	0.000	95	395280	15.3	15.2	
43 Cyclohexane	84	9.629	9.629	0.000	94	170044	15.2	14.9	
S 30 1,2-Dichloroethene, Total	61				0		30.5	30.2	
45 Carbon tetrachloride	117	9.762	9.762	0.000	98	481343	15.2	15.9	
47 Benzene	78	10.099	10.094	0.005	96	468087	15.5	15.6	
48 1,2-Dichloroethane	62	10.148	10.142	0.006	97	238080	15.5	16.7	
46 Isooctane	57	10.399	10.399	0.000	97	741180	15.7	15.3	
49 n-Heptane	43	10.747	10.747	0.000	94	282309	15.8	16.1	
* 50 1,4-Difluorobenzene	114	10.896	10.897	-0.001	94	609681	10.0	10.0	
52 n-Butanol	56	11.137	11.137	0.000	91	105564	14.3	14.9	
53 Trichloroethene	95	11.389	11.389	0.000	97	343245	15.8	16.4	
54 1,2-Dichloropropane	63	11.859	11.865	-0.006	89	203113	15.5	16.2	
55 Methyl methacrylate	69	12.009	12.009	0.000	93	163145	15.2	15.6	
56 1,4-Dioxane	88	12.025	12.025	0.000	47	117006	15.9	16.7	
57 Dibromomethane	174	12.025	12.025	0.000	96	343451	15.5	16.0	
58 Dichlorobromomethane	83	12.384	12.384	0.000	98	525639	15.9	17.1	
60 cis-1,3-Dichloropropene	75	13.282	13.283	-0.001	95	352816	15.6	16.5	
61 4-Methyl-2-pentanone (MIBK)	43	13.577	13.571	0.006	99	403110	15.4	15.3	
65 Toluene	92	14.005	13.999	0.006	93	396919	15.2	15.6	
A 63 Toluene Range	92	13.999	(13.959-14.039)		0	1627845	NC	NC	
64 n-Octane	43	14.363	14.358	0.005	92	467639	15.5	15.9	
A 62 C8 Range	1	14.349	(14.308-14.408)		0	1826560	NC	NC	
66 trans-1,3-Dichloropropene	75	14.422	14.427	-0.005	97	304203	14.8	15.6	
67 1,1,2-Trichloroethane	83	14.818	14.818	0.000	97	221681	15.7	16.4	
68 Tetrachloroethene	166	15.091	15.091	0.000	96	433202	15.8	15.8	
69 2-Hexanone	43	15.289	15.289	0.000	93	390782	15.0	14.8	
71 Chlorodibromomethane	129	15.610	15.610	0.000	96	568209	14.5	16.1	
72 Ethylene Dibromide	107	15.856	15.856	0.000	98	407983	15.9	16.9	
* 74 Chlorobenzene-d5	117	16.856	16.851	0.005	86	594036	10.0	10.0	
75 Chlorobenzene	112	16.915	16.915	0.000	94	573608	15.7	16.4	
76 Ethylbenzene	91	17.150	17.150	0.000	99	870224	15.3	14.8	
78 m-Xylene & p-Xylene	106	17.434	17.434	0.000	0	652686	30.8	32.0	
77 n-Nonane	57	17.578	17.573	0.005	89	434675	15.7	16.5	
79 o-Xylene	106	18.236	18.236	0.000	97	328772	15.5	15.1	
80 Styrene	104	18.263	18.263	0.000	99	505198	15.5	16.9	
81 Bromoform	173	18.605	18.606	-0.001	96	542807	15.4	17.5	
82 Isopropylbenzene	105	19.033	19.034	-0.001	96	989851	15.6	16.1	
* 83 4-Bromofluorobenzene	95	19.349	19.349	0.000	94	469783	10.0	10.0	
84 1,1,2,2-Tetrachloroethane	83	19.568	19.563	0.005	99	564797	15.5	15.6	
S 73 Xylenes, Total	106				0		46.4	47.1	
86 1,2,3-Trichloropropane	75	19.670	19.670	0.000	99	429869	15.9	15.7	
85 N-Propylbenzene	91	19.836	19.836	0.000	99	1197601	15.6	16.5	
89 2-Chlorotoluene	91	19.975	19.975	0.000	97	785196	15.7	16.2	
88 4-Ethyltoluene	105	20.055	20.055	0.000	99	979450	15.5	16.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,3,5-Trimethylbenzene	105	20.162	20.162	0.000	92	867527	15.6	16.3	
87 n-Decane	57	20.253	20.253	0.000	91	515624	15.6	17.2	
91 Alpha Methyl Styrene	118	20.510	20.510	0.000	87	421681	15.3	16.7	
92 tert-Butylbenzene	119	20.681	20.681	0.000	91	812527	15.5	16.3	
93 1,2,4-Trimethylbenzene	105	20.777	20.778	-0.001	98	873873	15.6	16.1	
94 sec-Butylbenzene	105	21.034	21.034	0.000	99	1259422	15.7	16.5	
96 1,3-Dichlorobenzene	146	21.195	21.195	0.000	98	633424	15.9	16.3	
95 4-Isopropyltoluene	119	21.270	21.270	0.000	96	1061998	15.5	16.2	
97 1,4-Dichlorobenzene	146	21.344	21.345	-0.001	95	634247	15.7	16.6	
98 Benzyl chloride	91	21.489	21.489	0.000	98	815986	15.9	17.0	
101 1,2-Dichlorobenzene	146	21.842	21.842	0.000	94	628507	15.7	16.0	
100 n-Butylbenzene	91	21.847	21.847	0.000	98	1007305	15.6	16.4	
99 Undecane	57	22.040	22.040	0.000	94	544670	15.7	17.2	
102 Dodecane	57	23.607	23.608	-0.001	97	429867	14.0	14.7	
103 1,2,4-Trichlorobenzene	180	24.239	24.239	0.000	94	579877	16.3	17.4	
104 Hexachlorobutadiene	225	24.506	24.506	0.000	97	645992	15.4	15.4	
105 Naphthalene	128	24.677	24.677	0.000	99	1119873	14.6	15.7	
106 1,2,3-Trichlorobenzene	180	25.073	25.073	0.000	95	506268	13.7	14.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL5w_00105	Amount Added: 200.00	Units: mL	
ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

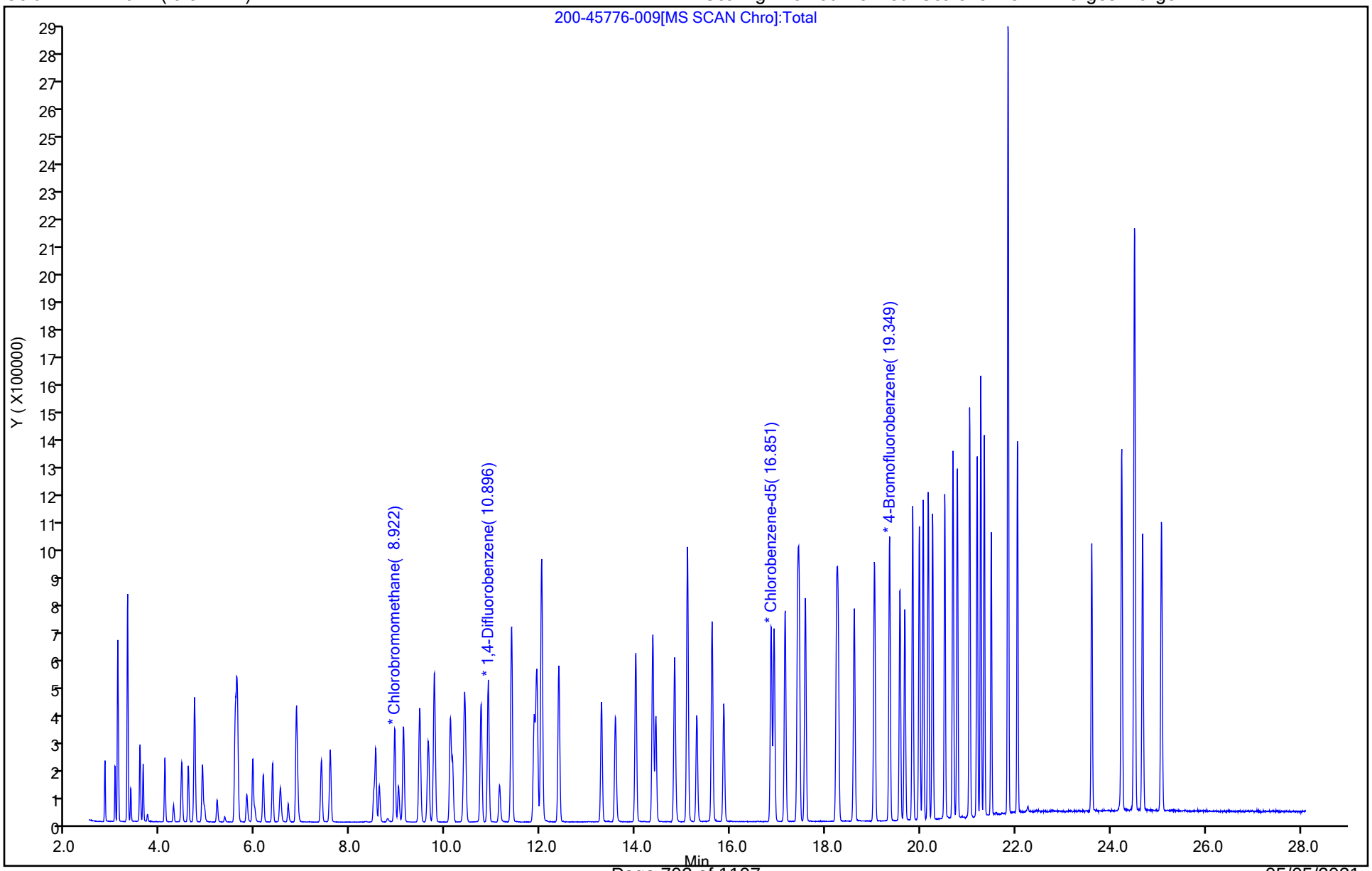
Report Date: 30-Apr-2021 09:38:47 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-009.D

Injection Date:	29-Apr-2021 22:04:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	ic			Worklist Smp#:	9
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-012.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 30-Apr-2021 00:42:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045776-012
Misc. Info.: ic-07
Operator ID: ggg Instrument ID: CHG.i
Sublist: chrom-TO15_MasterMethod_(v1)_G*sub9

Method: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Apr-2021 09:38:48 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: bourdeaut Date: 30-Apr-2021 09:23:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.038	3.033	0.005	96	110178	20.6	21.8	
2 Dichlorodifluoromethane	85	3.091	3.091	0.000	99	592227	20.9	21.9	
3 Chlorodifluoromethane	51	3.107	3.107	0.000	96	273331	21.0	21.3	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.300	3.300	0.000	92	528134	20.8	21.0	
5 Chloromethane	50	3.364	3.364	0.000	99	133087	21.8	22.5	
7 Vinyl chloride	62	3.557	3.557	0.000	98	142692	20.8	19.5	
6 Butane	43	3.567	3.562	0.005	94	187474	20.7	21.5	
8 Butadiene	54	3.626	3.626	0.000	94	100341	20.2	20.0	
10 Bromomethane	94	4.086	4.086	0.000	97	179308	20.6	20.6	
11 Chloroethane	64	4.268	4.268	0.000	96	56363	20.8	20.5	
12 2-Methylbutane	43	4.439	4.440	-0.001	89	137499	20.9	18.3	
13 Vinyl bromide	106	4.578	4.579	-0.001	97	183917	20.8	21.2	
14 Trichlorofluoromethane	101	4.712	4.712	0.000	98	581035	21.1	21.1	
16 Pentane	43	4.878	4.873	0.005	95	226258	20.3	20.6	
17 Ethanol	45	4.916	4.916	0.000	93	117239	40.0	35.2	
18 Ethyl ether	59	5.183	5.183	0.000	92	68447	20.2	20.7	
19 Acrolein	56	5.349	5.344	0.005	97	17100	19.4	19.9	
21 1,1-Dichloroethene	96	5.563	5.563	0.000	98	161501	20.6	19.4	
22 Acetone	43	5.574	5.579	-0.005	100	177156	20.5	21.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.606	5.606	0.000	96	391498	21.0	20.4	
24 Isopropyl alcohol	45	5.809	5.814	-0.005	100	198269	20.4	20.7	
23 Carbon disulfide	76	5.937	5.937	0.000	100	473951	20.3	20.8	
26 Acetonitrile	41	5.975	5.980	-0.005	98	70807	19.8	20.1	
25 3-Chloro-1-propene	41	6.157	6.157	0.000	96	164310	21.3	21.3	
27 Methylene Chloride	49	6.355	6.355	0.000	94	176447	20.6	20.5	
28 2-Methyl-2-propanol	59	6.520	6.521	-0.001	95	259907	21.6	21.9	
32 Acrylonitrile	53	6.681	6.686	-0.005	93	68937	20.2	21.7	
31 trans-1,2-Dichloroethene	61	6.852	6.847	0.005	97	238973	20.4	19.8	
29 Methyl tert-butyl ether	73	6.868	6.868	0.000	94	362489	20.9	21.4	
33 Hexane	57	7.382	7.377	0.006	87	179739	21.2	19.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 1,1-Dichloroethane	63	7.569	7.564	0.005	99	263463	20.0	20.4	
35 Vinyl acetate	43	7.580	7.574	0.006	100	236323	20.8	22.2	
38 2-Butanone (MEK)	72	8.489	8.484	0.005	99	55158	20.7	20.0	
37 cis-1,2-Dichloroethene	96	8.521	8.521	0.000	94	172562	20.2	21.5	
39 Ethyl acetate	88	8.601	8.602	-0.001	99	8139	20.3	21.4	
* 40 Chlorobromomethane	128	8.928	8.928	0.000	82	107862	10.0	10.0	
41 Tetrahydrofuran	42	9.008	9.003	0.005	87	125517	20.0	20.8	
42 Chloroform	83	9.110	9.110	0.000	97	439117	20.2	21.0	
44 1,1,1-Trichloroethane	97	9.452	9.452	0.000	94	527695	20.4	21.0	
43 Cyclohexane	84	9.629	9.629	0.000	96	222600	20.3	20.0	
S 30 1,2-Dichloroethene, Total	61				0		40.6	41.4	
45 Carbon tetrachloride	117	9.762	9.762	0.000	98	637073	20.3	21.7	
47 Benzene	78	10.099	10.094	0.005	96	620650	20.7	21.3	
48 1,2-Dichloroethane	62	10.142	10.142	0.000	98	316464	20.7	22.8	
46 Isooctane	57	10.399	10.399	0.000	97	972210	20.9	20.6	
49 n-Heptane	43	10.741	10.747	-0.006	95	372125	21.0	21.8	
* 50 1,4-Difluorobenzene	114	10.896	10.897	-0.001	94	592399	10.0	10.0	
52 n-Butanol	56	11.137	11.137	0.000	91	135290	19.1	19.6	
53 Trichloroethene	95	11.389	11.389	0.000	97	448243	21.1	22.1	
54 1,2-Dichloropropane	63	11.859	11.865	-0.006	89	274132	20.6	22.4	
55 Methyl methacrylate	69	12.009	12.009	0.000	94	216905	20.3	21.3	
56 1,4-Dioxane	88	12.020	12.025	-0.005	46	144911	21.2	21.2	
57 Dibromomethane	174	12.025	12.025	0.000	96	460859	20.6	22.1	
58 Dichlorobromomethane	83	12.384	12.384	0.000	98	704678	21.1	23.6	
60 cis-1,3-Dichloropropene	75	13.282	13.283	-0.001	94	487625	20.8	23.4	
61 4-Methyl-2-pentanone (MIBK)	43	13.571	13.571	0.000	98	535643	20.5	21.0	
65 Toluene	92	14.005	13.999	0.006	93	539545	20.3	20.2	
A 63 Toluene Range	92	13.999	(13.959-14.039)		0	2206114	NC	NC	
64 n-Octane	43	14.363	14.358	0.005	92	621430	20.7	21.7	
A 62 C8 Range	1	14.349	(14.308-14.408)		0	2501565	NC	NC	
66 trans-1,3-Dichloropropene	75	14.427	14.427	0.000	96	423178	19.8	22.4	
67 1,1,2-Trichloroethane	83	14.818	14.818	0.000	97	302559	21.0	21.3	
68 Tetrachloroethene	166	15.091	15.091	0.000	96	587324	21.0	20.3	
69 2-Hexanone	43	15.289	15.289	0.000	93	530203	20.0	19.1	
71 Chlorodibromomethane	129	15.610	15.610	0.000	97	776359	19.4	20.9	
72 Ethylene Dibromide	107	15.861	15.856	0.005	97	569949	21.2	22.4	
* 74 Chlorobenzene-d5	117	16.856	16.851	0.005	87	625893	10.0	10.0	
75 Chlorobenzene	112	16.915	16.915	0.000	94	796698	21.0	21.6	
76 Ethylbenzene	91	17.150	17.150	0.000	99	1204252	20.4	19.5	
78 m-Xylene & p-Xylene	106	17.423	17.434	-0.011	0	893061	41.1	41.6	
77 n-Nonane	57	17.578	17.573	0.005	89	588830	21.0	21.2	
79 o-Xylene	106	18.236	18.236	0.000	97	451902	20.7	19.7	
80 Styrene	104	18.268	18.263	0.005	99	708466	20.6	22.6	
81 Bromoform	173	18.605	18.606	-0.001	96	759797	20.6	23.3	
82 Isopropylbenzene	105	19.033	19.034	-0.001	97	1355382	20.9	20.9	
* 83 4-Bromofluorobenzene	95	19.349	19.349	0.000	94	511622	10.0	10.0	
84 1,1,2,2-Tetrachloroethane	83	19.568	19.563	0.005	99	768334	20.7	20.2	
S 73 Xylenes, Total	106				0		61.8	61.3	
86 1,2,3-Trichloropropane	75	19.670	19.670	0.000	99	596104	21.2	20.7	
85 N-Propylbenzene	91	19.836	19.836	0.000	99	1651300	20.8	21.6	
89 2-Chlorotoluene	91	19.975	19.975	0.000	97	1092869	20.9	21.4	
88 4-Ethyltoluene	105	20.061	20.055	0.005	99	1350704	20.7	21.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,3,5-Trimethylbenzene	105	20.168	20.162	0.006	92	1188448	20.8	21.2	
87 n-Decane	57	20.258	20.253	0.005	92	708311	20.8	22.5	
91 Alpha Methyl Styrene	118	20.515	20.510	0.005	87	592174	20.4	22.2	
92 tert-Butylbenzene	119	20.686	20.681	0.005	91	1116837	20.7	21.3	
93 1,2,4-Trimethylbenzene	105	20.777	20.778	-0.001	98	1198543	20.8	21.0	
94 sec-Butylbenzene	105	21.034	21.034	0.000	98	1733459	20.9	21.6	
96 1,3-Dichlorobenzene	146	21.195	21.195	0.000	98	889160	21.2	21.7	
95 4-Isopropyltoluene	119	21.270	21.270	0.000	97	1451603	20.6	21.1	
97 1,4-Dichlorobenzene	146	21.344	21.345	-0.001	95	896528	20.9	22.2	
98 Benzyl chloride	91	21.489	21.489	0.000	98	1137614	21.2	22.5	
101 1,2-Dichlorobenzene	146	21.842	21.842	0.000	94	865222	20.9	20.9	
100 n-Butylbenzene	91	21.847	21.847	0.000	98	1381376	20.8	21.4	
99 Undecane	57	22.045	22.040	0.005	95	760917	20.9	22.8	
102 Dodecane	57	23.607	23.608	-0.001	97	631556	18.7	20.4	
103 1,2,4-Trichlorobenzene	180	24.239	24.239	0.000	94	837728	21.7	23.9	
104 Hexachlorobutadiene	225	24.511	24.506	0.005	98	897284	20.5	20.2	
105 Naphthalene	128	24.677	24.677	0.000	99	1653517	19.4	22.0	
106 1,2,3-Trichlorobenzene	180	25.079	25.073	0.006	96	735329	18.2	19.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL6w_00188	Amount Added: 200.00	Units: mL	
ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

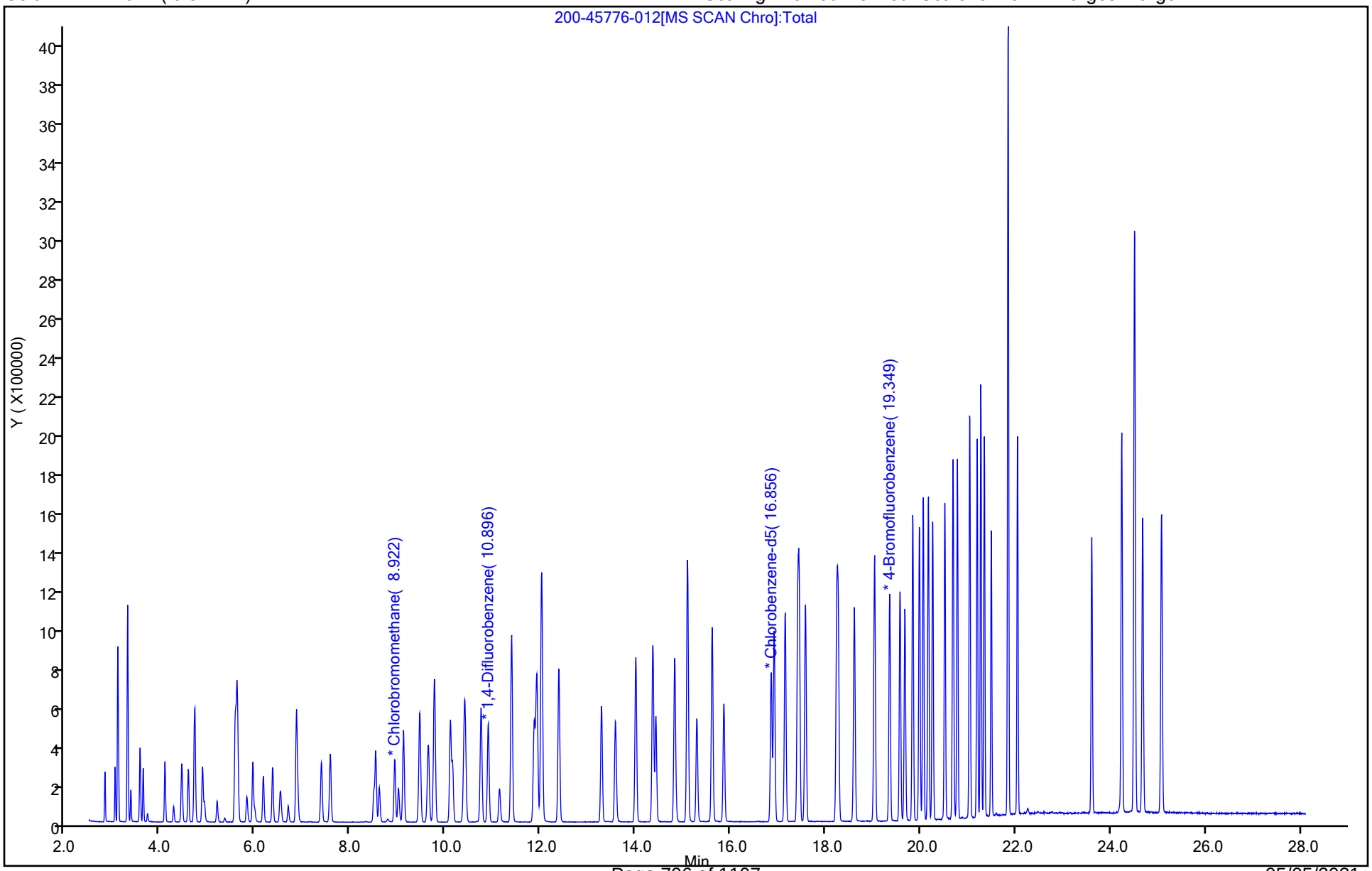
Report Date: 30-Apr-2021 09:38:48 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-012.D

Injection Date:	30-Apr-2021 00:42:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	ic			Worklist Smp#:	12
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 30-Apr-2021 01:36:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045776-013
Misc. Info.: ic-08
Operator ID: ggg Instrument ID: CHG.i
Sublist: chrom-TO15_MasterMethod_(v1)_G*sub9

Method: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Apr-2021 09:38:50 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: bourdeaut Date: 30-Apr-2021 09:23:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.032	3.033	-0.001	95	217835	41.3	36.5	
2 Dichlorodifluoromethane	85	3.091	3.091	0.000	99	1166458	41.8	36.5	
3 Chlorodifluoromethane	51	3.107	3.107	0.000	96	547455	41.9	36.1	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.300	3.300	0.000	91	1031354	41.6	34.7	
5 Chloromethane	50	3.364	3.364	0.000	99	251900	43.7	36.0	
7 Vinyl chloride	62	3.557	3.557	0.000	98	287607	41.6	33.2	
6 Butane	43	3.562	3.562	0.000	94	369484	41.4	35.9	
8 Butadiene	54	3.626	3.626	0.000	94	201446	40.5	33.9	
10 Bromomethane	94	4.086	4.086	0.000	97	361494	41.2	35.1	
11 Chloroethane	64	4.268	4.268	0.000	96	119525	41.6	36.8	
12 2-Methylbutane	43	4.439	4.440	-0.001	89	275815	41.8	31.0	
13 Vinyl bromide	106	4.579	4.579	-0.001	97	367892	41.7	35.8	
14 Trichlorofluoromethane	101	4.712	4.712	0.000	98	1170917	42.2	35.9	
16 Pentane	43	4.878	4.873	0.005	95	466221	40.5	35.9	
17 Ethanol	45	4.921	4.916	0.005	95	301623	100.0	76.6	
18 Ethyl ether	59	5.183	5.183	0.000	92	137711	40.3	35.2	
19 Acrolein	56	5.344	5.344	0.000	97	42363	38.9	41.7	
21 1,1-Dichloroethene	96	5.563	5.563	0.000	97	325155	41.1	33.0	
22 Acetone	43	5.568	5.579	-0.011	100	329192	41.0	33.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.606	5.606	0.000	96	806320	42.0	35.5	
24 Isopropyl alcohol	45	5.809	5.814	-0.005	100	402058	40.9	35.4	
23 Carbon disulfide	76	5.937	5.937	0.000	99	949164	40.6	35.3	
26 Acetonitrile	41	5.975	5.980	-0.005	99	151010	39.6	36.3	
25 3-Chloro-1-propene	41	6.162	6.157	0.005	97	339597	42.6	37.2	
27 Methylene Chloride	49	6.355	6.355	0.000	93	353484	41.1	34.7	
28 2-Methyl-2-propanol	59	6.520	6.521	-0.001	95	531843	43.1	37.9	
32 Acrylonitrile	53	6.681	6.686	-0.005	91	144921	40.4	38.6	
31 trans-1,2-Dichloroethene	61	6.852	6.847	0.005	97	481810	40.8	33.8	
29 Methyl tert-butyl ether	73	6.874	6.868	0.006	95	706349	41.8	35.3	
33 Hexane	57	7.387	7.377	0.011	87	367691	42.4	34.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 1,1-Dichloroethane	63	7.564	7.564	0.000	99	531821	40.0	34.8	
35 Vinyl acetate	43	7.580	7.574	0.006	100	483492	41.6	38.3	
38 2-Butanone (MEK)	72	8.484	8.484	0.000	99	109878	41.4	33.7	
37 cis-1,2-Dichloroethene	96	8.527	8.521	0.006	93	351818	40.4	37.1	
39 Ethyl acetate	88	8.607	8.602	0.005	99	15332	40.5	34.1	
* 40 Chlorobromomethane	128	8.928	8.928	0.000	79	127622	10.0	10.0	
41 Tetrahydrofuran	42	9.003	9.003	0.000	86	249740	40.0	31.7	
42 Chloroform	83	9.115	9.110	0.005	96	886810	40.4	35.8	
44 1,1,1-Trichloroethane	97	9.457	9.452	0.005	95	1079602	40.8	32.9	
43 Cyclohexane	84	9.634	9.629	0.005	95	462364	40.6	31.9	
S 30 1,2-Dichloroethene, Total	61				0		81.2	70.9	
45 Carbon tetrachloride	117	9.768	9.762	0.006	98	1328699	40.6	34.7	
47 Benzene	78	10.099	10.094	0.005	96	1270904	41.3	33.5	
48 1,2-Dichloroethane	62	10.148	10.142	0.006	98	663205	41.4	36.7	
46 Isooctane	57	10.404	10.399	0.005	97	1952866	41.9	31.8	
49 n-Heptane	43	10.747	10.747	0.000	93	746626	42.0	33.5	
* 50 1,4-Difluorobenzene	114	10.897	10.897	-0.001	94	772060	10.0	10.0	
52 n-Butanol	56	11.132	11.137	-0.005	91	282630	38.2	31.4	
53 Trichloroethene	95	11.389	11.389	0.000	97	913152	42.1	34.5	
54 1,2-Dichloropropane	63	11.865	11.865	0.000	89	569735	41.2	35.8	
55 Methyl methacrylate	69	12.009	12.009	0.000	94	429874	40.6	32.4	
56 1,4-Dioxane	88	12.025	12.025	0.000	51	293626	42.3	33.0	
57 Dibromomethane	174	12.025	12.025	0.000	95	947349	41.2	34.8	
58 Dichlorobromomethane	83	12.384	12.384	0.000	98	1476318	42.3	37.9	
60 cis-1,3-Dichloropropene	75	13.282	13.283	-0.001	94	1035498	41.6	38.1	
61 4-Methyl-2-pentanone (MIBK)	43	13.577	13.571	0.006	98	1060182	41.0	31.8	
65 Toluene	92	14.005	13.999	0.006	95	1142777	40.6	35.6	
A 63 Toluene Range	92	13.999	(13.959-14.039)		0	4631101	NC	NC	
64 n-Octane	43	14.363	14.358	0.005	91	1239283	41.3	33.3	
A 62 C8 Range	1	14.349	(14.308-14.408)		0	4992154	NC	NC	
66 trans-1,3-Dichloropropene	75	14.427	14.427	0.000	97	892689	39.5	36.2	
67 1,1,2-Trichloroethane	83	14.823	14.818	0.005	97	632669	41.9	37.2	
68 Tetrachloroethene	166	15.096	15.091	0.005	96	1241790	42.0	35.8	
69 2-Hexanone	43	15.289	15.289	0.000	94	1058011	40.0	31.8	
71 Chlorodibromomethane	129	15.615	15.610	0.005	97	1680054	38.7	37.8	
72 Ethylene Dibromide	107	15.861	15.856	0.005	98	1221917	42.4	40.1	
* 74 Chlorobenzene-d5	117	16.856	16.851	0.005	86	749352	10.0	10.0	
75 Chlorobenzene	112	16.920	16.915	0.005	94	1679445	42.0	38.0	
76 Ethylbenzene	91	17.150	17.150	0.000	99	2533166	40.9	34.3	
78 m-Xylene & p-Xylene	106	17.439	17.434	0.005	0	1866909	82.2	72.6	
77 n-Nonane	57	17.578	17.573	0.005	87	1223914	41.9	36.7	
79 o-Xylene	106	18.236	18.236	0.000	98	930713	41.4	33.9	
80 Styrene	104	18.268	18.263	0.005	99	1473617	41.3	39.2	
81 Bromoform	173	18.605	18.606	-0.001	96	1656277	41.2	42.3	
82 Isopropylbenzene	105	19.033	19.034	-0.001	96	2878009	41.7	37.1	
* 83 4-Bromofluorobenzene	95	19.349	19.349	0.000	93	610001	10.0	10.0	
84 1,1,2,2-Tetrachloroethane	83	19.568	19.563	0.005	99	1576272	41.4	34.5	
S 73 Xylenes, Total	106				0		123.7	106.5	
86 1,2,3-Trichloropropane	75	19.675	19.670	0.005	98	1221345	42.4	35.4	
85 N-Propylbenzene	91	19.841	19.836	0.005	99	3466357	41.6	37.8	
89 2-Chlorotoluene	91	19.980	19.975	0.005	97	2302392	41.8	37.7	
88 4-Ethyltoluene	105	20.061	20.055	0.006	99	2855453	41.3	37.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,3,5-Trimethylbenzene	105	20.168	20.162	0.006	92	2546570	41.6	38.0	
87 n-Decane	57	20.258	20.253	0.005	92	1492007	41.7	39.5	
91 Alpha Methyl Styrene	118	20.515	20.510	0.005	87	1260334	40.8	39.5	
92 tert-Butylbenzene	119	20.686	20.681	0.005	91	2358964	41.4	37.6	
93 1,2,4-Trimethylbenzene	105	20.777	20.778	-0.001	98	2534563	41.6	37.0	
94 sec-Butylbenzene	105	21.040	21.034	0.006	98	3640056	41.8	37.8	
96 1,3-Dichlorobenzene	146	21.195	21.195	0.000	98	1879372	42.3	38.3	
95 4-Isopropyltoluene	119	21.275	21.270	0.005	97	3098126	41.2	37.5	
97 1,4-Dichlorobenzene	146	21.344	21.345	-0.001	95	1879007	41.9	38.9	
98 Benzyl chloride	91	21.494	21.489	0.005	98	2382096	42.3	39.3	
101 1,2-Dichlorobenzene	146	21.842	21.842	0.000	95	1726879	41.8	34.8	
100 n-Butylbenzene	91	21.847	21.847	0.000	98	2773216	41.6	35.8	
99 Undecane	57	22.045	22.040	0.005	94	1588325	41.8	39.8	
102 Dodecane	57	23.607	23.608	-0.001	97	1311004	37.4	35.4	
103 1,2,4-Trichlorobenzene	180	24.239	24.239	0.000	94	1648741	43.4	39.3	
104 Hexachlorobutadiene	225	24.512	24.506	0.006	98	1922453	41.0	36.2	
105 Naphthalene	128	24.683	24.677	0.006	99	3104306	38.9	34.5	
106 1,2,3-Trichlorobenzene	180	25.079	25.073	0.006	96	1462797	36.5	33.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL7w_00105	Amount Added: 200.00	Units: mL	
ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

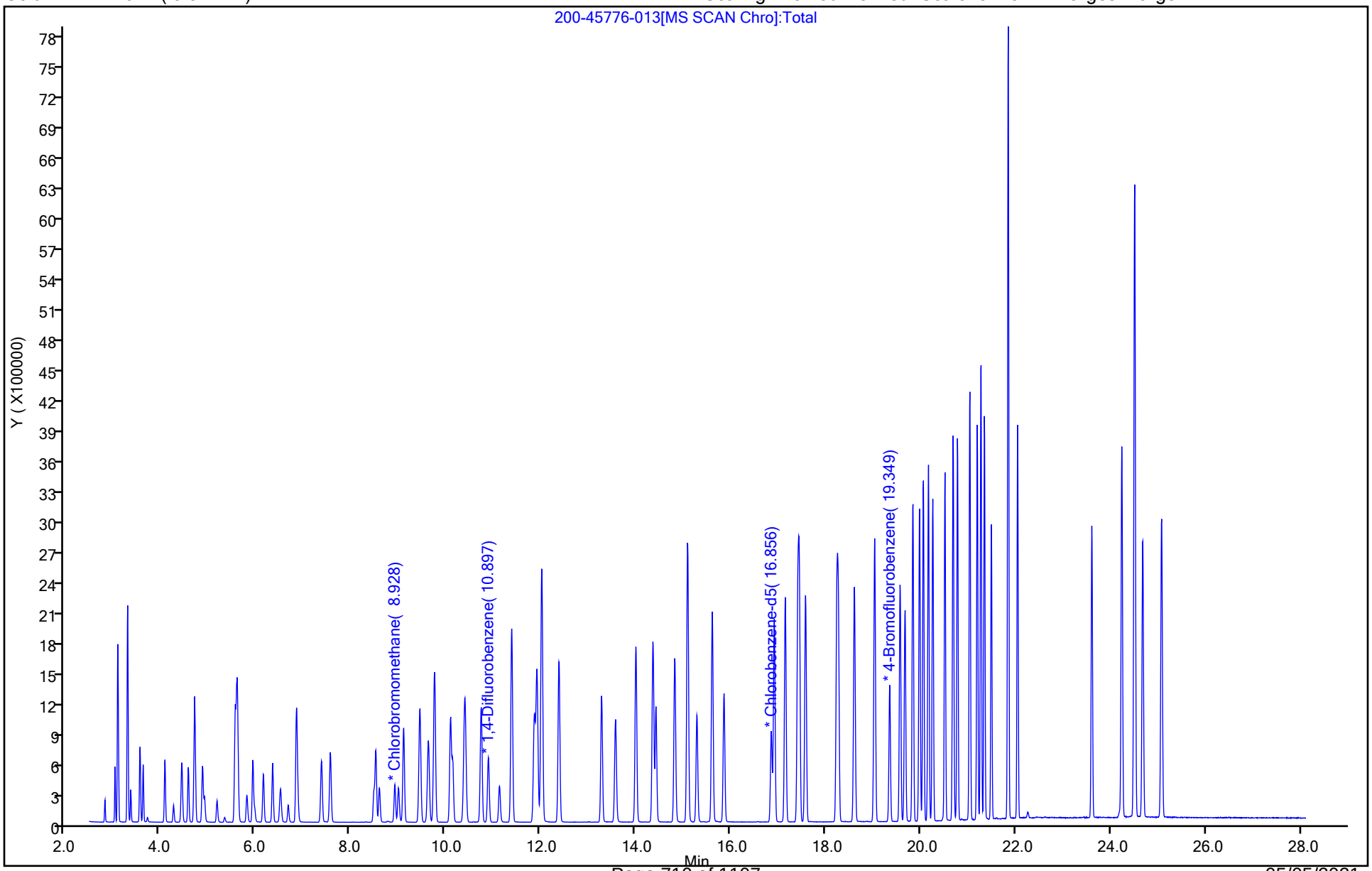
Report Date: 30-Apr-2021 09:38:50 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Injection Date:	30-Apr-2021 01:36:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	ic			Worklist Smp#:	13
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

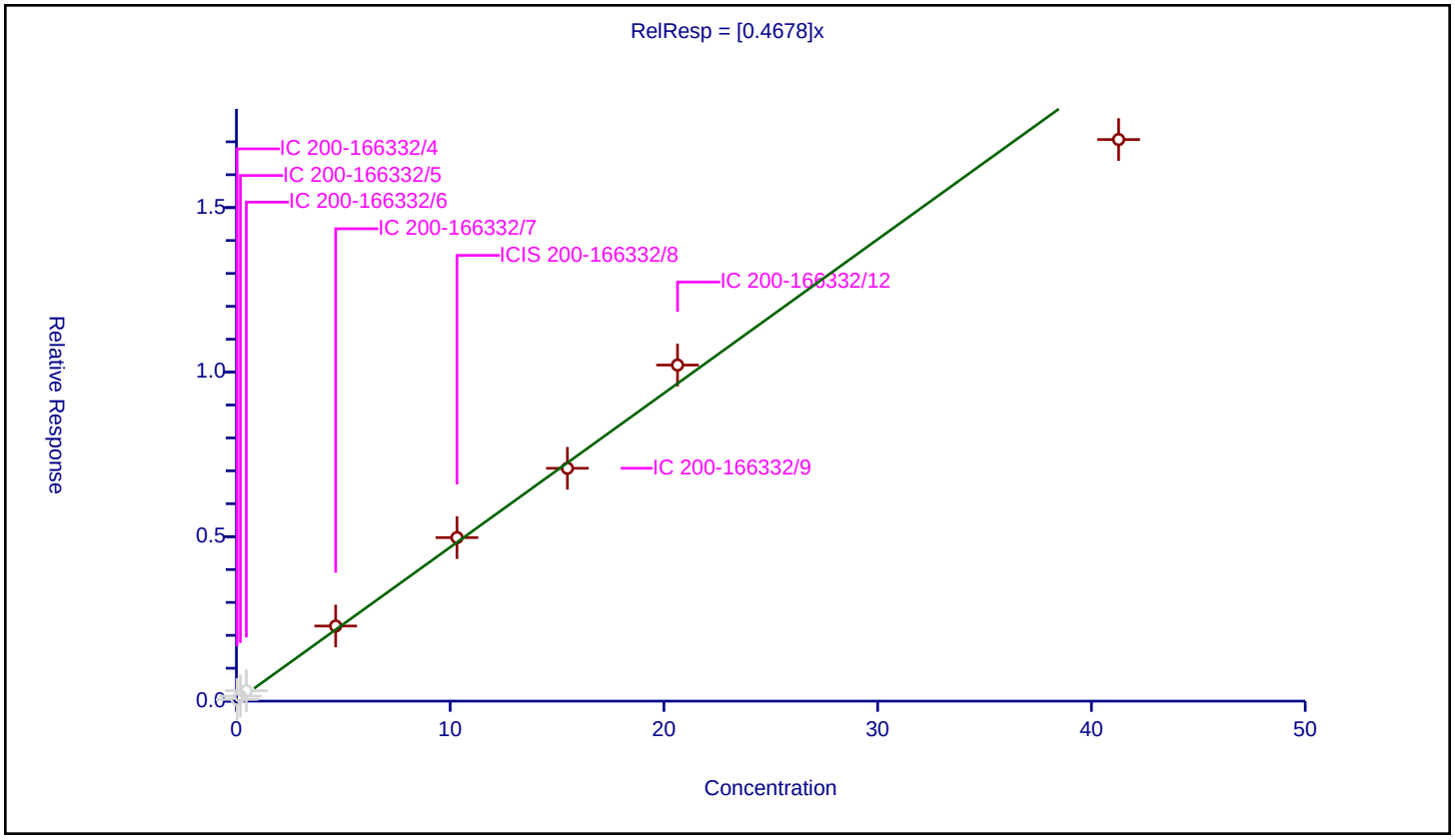
Curve Coefficients

Intercept:	0
Slope:	0.4678

Error Coefficients

Standard Error:	132000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033097	0.05137	10.0	113100.0	1.552137	N
2	IC 200-166332/5	0.186168	0.151258	10.0	114176.0	0.812478	N
3	IC 200-166332/6	0.46482	0.316265	10.0	111236.0	0.680402	N
4	IC 200-166332/7	4.643099	2.283484	10.0	107244.0	0.491802	Y
5	ICIS 200-166332/8	10.317998	4.970986	10.0	112189.0	0.481778	Y
6	IC 200-166332/9	15.483671	7.077586	10.0	113461.0	0.4571	Y
7	IC 200-166332/12	20.635996	10.214719	10.0	107862.0	0.494995	Y
8	IC 200-166332/13	41.271991	17.068766	10.0	127622.0	0.413568	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

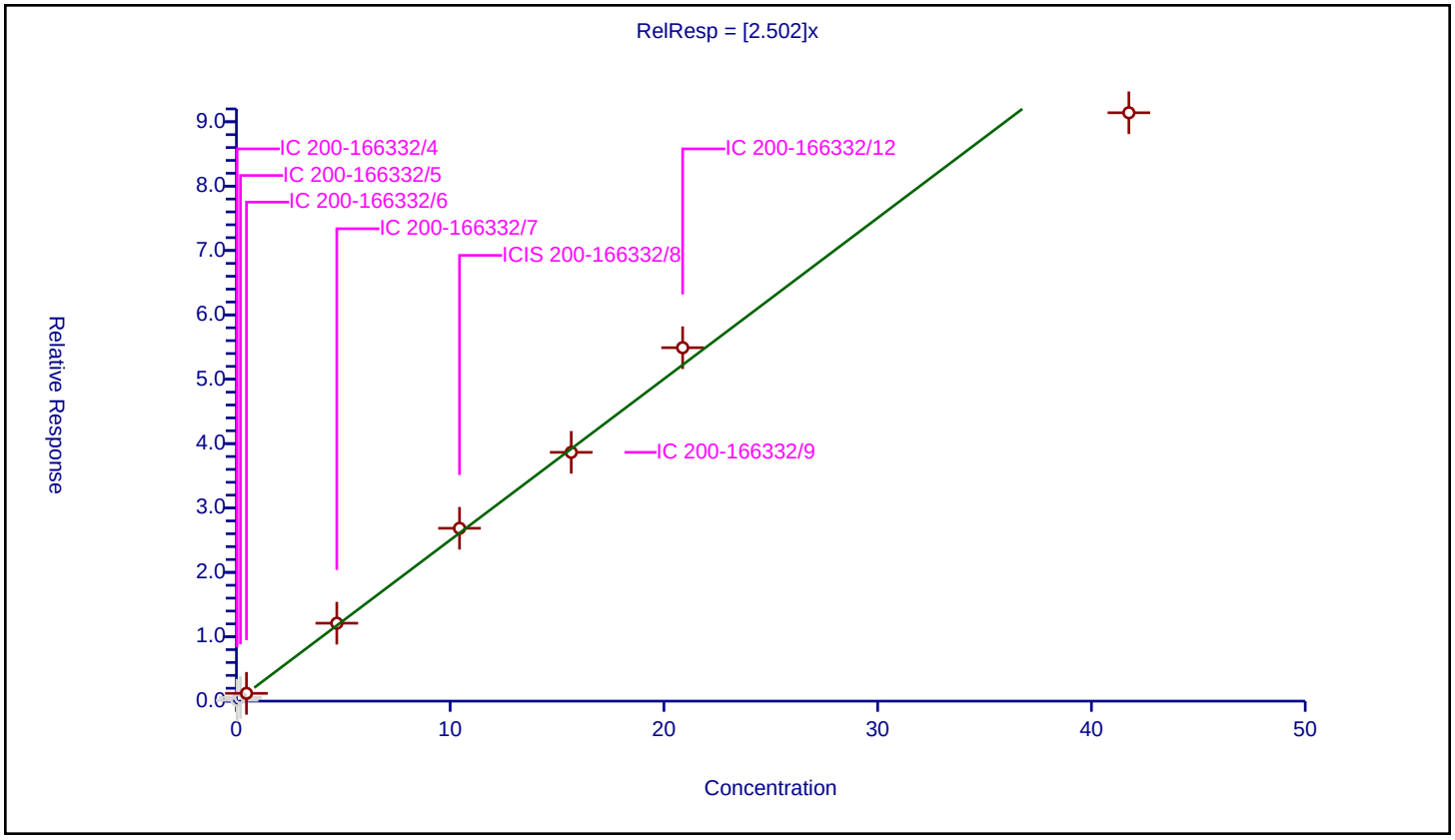
Curve Coefficients

Intercept:	0
Slope:	2.502

Error Coefficients

Standard Error:	634000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033481	0.125376	10.0	113100.0	3.744635	N
2	IC 200-166332/5	0.188333	0.56483	10.0	114176.0	2.999099	N
3	IC 200-166332/6	0.470225	1.211209	10.0	111236.0	2.575805	Y
4	IC 200-166332/7	4.697089	12.109489	10.0	107244.0	2.578084	Y
5	ICIS 200-166332/8	10.437975	26.853346	10.0	112189.0	2.572659	Y
6	IC 200-166332/9	15.663713	38.650373	10.0	113461.0	2.46751	Y
7	IC 200-166332/12	20.875949	54.905991	10.0	107862.0	2.630108	Y
8	IC 200-166332/13	41.751898	91.399445	10.0	127622.0	2.189109	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

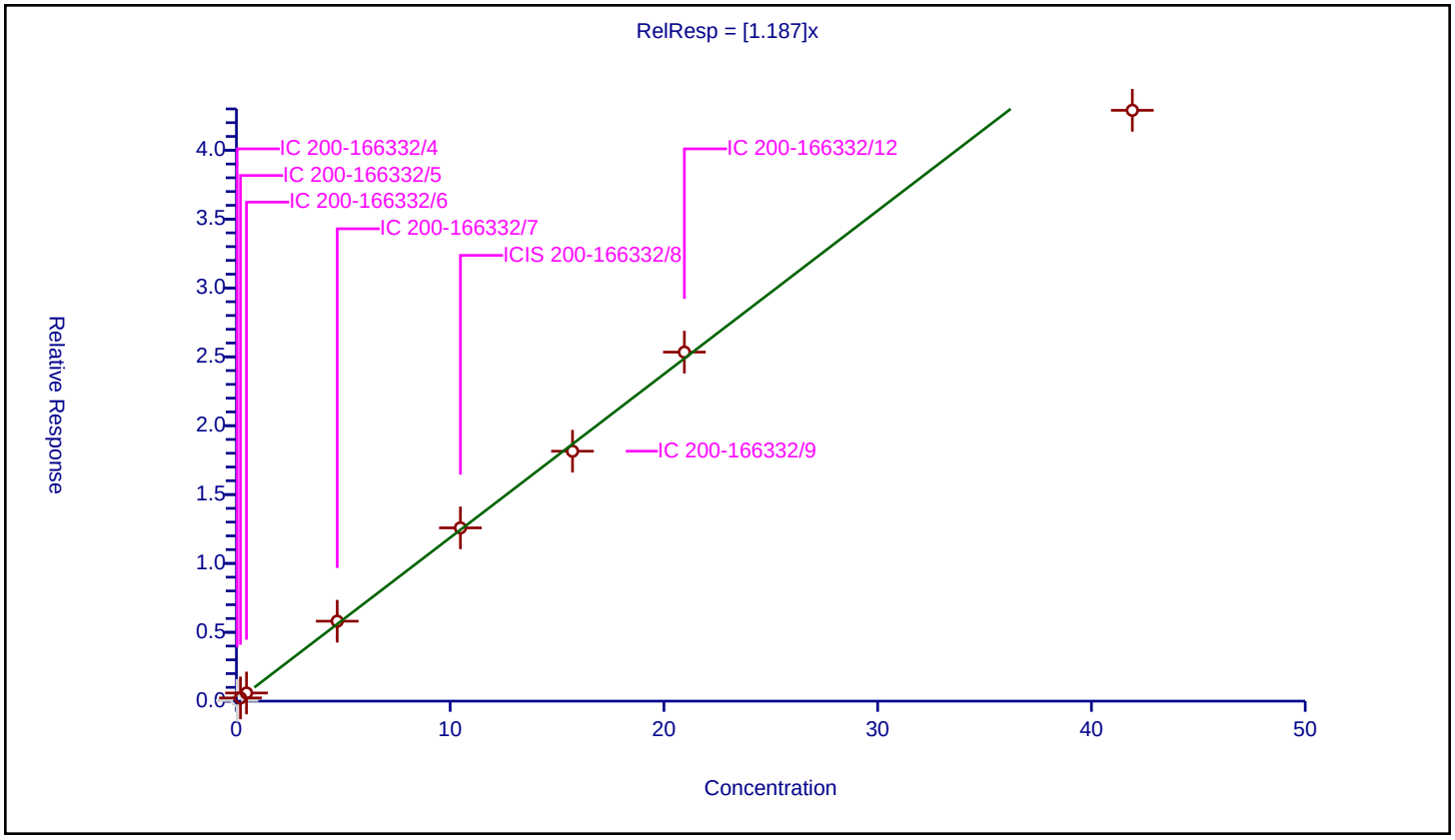
Curve Coefficients

Intercept:	0
Slope:	1.187

Error Coefficients

Standard Error:	271000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.03361	0.045977	10.0	113100.0	1.367968	N
2	IC 200-166332/5	0.189055	0.233499	10.0	114176.0	1.235088	Y
3	IC 200-166332/6	0.472027	0.593063	10.0	111236.0	1.256419	Y
4	IC 200-166332/7	4.715085	5.804334	10.0	107244.0	1.231014	Y
5	ICIS 200-166332/8	10.477967	12.579219	10.0	112189.0	1.20054	Y
6	IC 200-166332/9	15.723728	18.148174	10.0	113461.0	1.15419	Y
7	IC 200-166332/12	20.955934	25.340806	10.0	107862.0	1.209243	Y
8	IC 200-166332/13	41.911867	42.896601	10.0	127622.0	1.023495	Y



Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

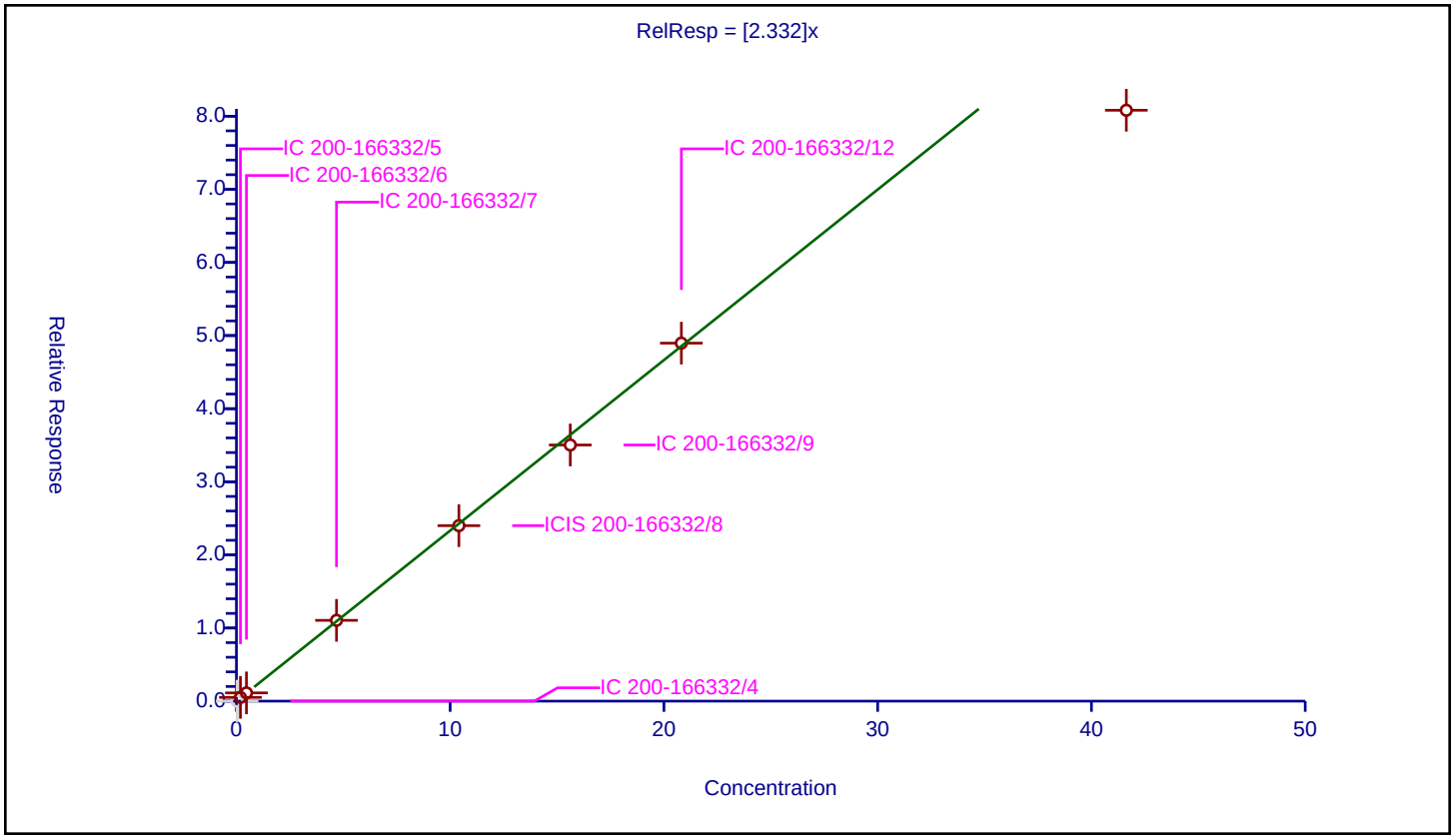
Curve Coefficients

Intercept:	0
Slope:	2.332

Error Coefficients

Standard Error:	514000
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033385	0.0	10.0	113100.0	0.0	N
2	IC 200-166332/5	0.187792	0.510177	10.0	114176.0	2.716716	Y
3	IC 200-166332/6	0.468874	1.128591	10.0	111236.0	2.407025	Y
4	IC 200-166332/7	4.683591	11.051434	10.0	107244.0	2.359607	Y
5	ICIS 200-166332/8	10.40798	23.99852	10.0	112189.0	2.305781	Y
6	IC 200-166332/9	15.618703	35.033448	10.0	113461.0	2.243045	Y
7	IC 200-166332/12	20.815961	48.963861	10.0	107862.0	2.352227	Y
8	IC 200-166332/13	41.631921	80.813183	10.0	127622.0	1.941135	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

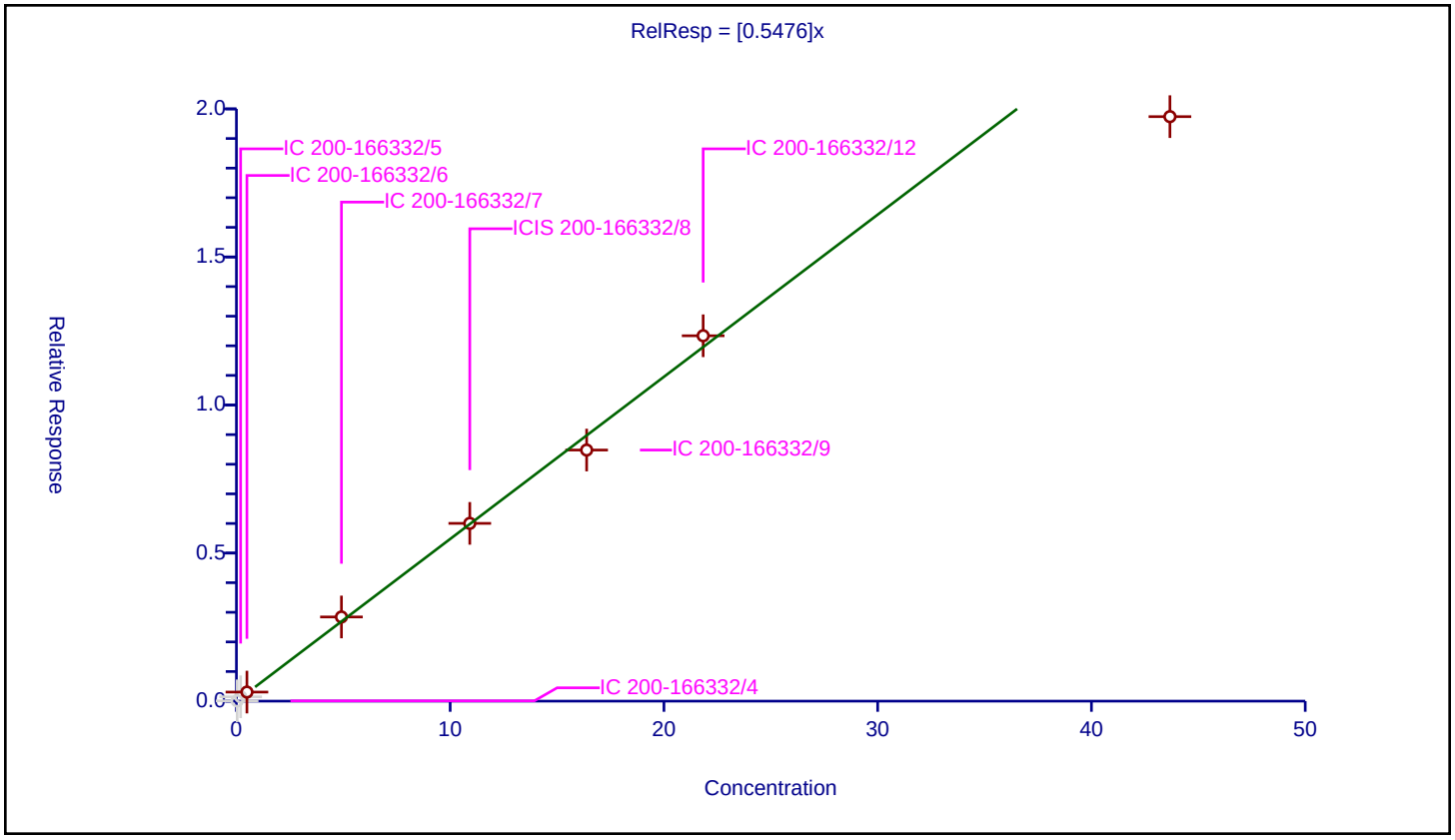
Curve Coefficients

Intercept:	0
Slope:	0.5476

Error Coefficients

Standard Error:	138000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.035021	0.009549	10.0	113100.0	0.272668	N
2	IC 200-166332/5	0.196992	0.146703	10.0	114176.0	0.744717	N
3	IC 200-166332/6	0.491845	0.306286	10.0	111236.0	0.622728	Y
4	IC 200-166332/7	4.913047	2.842397	10.0	107244.0	0.578541	Y
5	ICIS 200-166332/8	10.917881	6.003619	10.0	112189.0	0.549889	Y
6	IC 200-166332/9	16.383884	8.479478	10.0	113461.0	0.51755	Y
7	IC 200-166332/12	21.835763	12.338636	10.0	107862.0	0.565066	Y
8	IC 200-166332/13	43.671526	19.737976	10.0	127622.0	0.451964	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

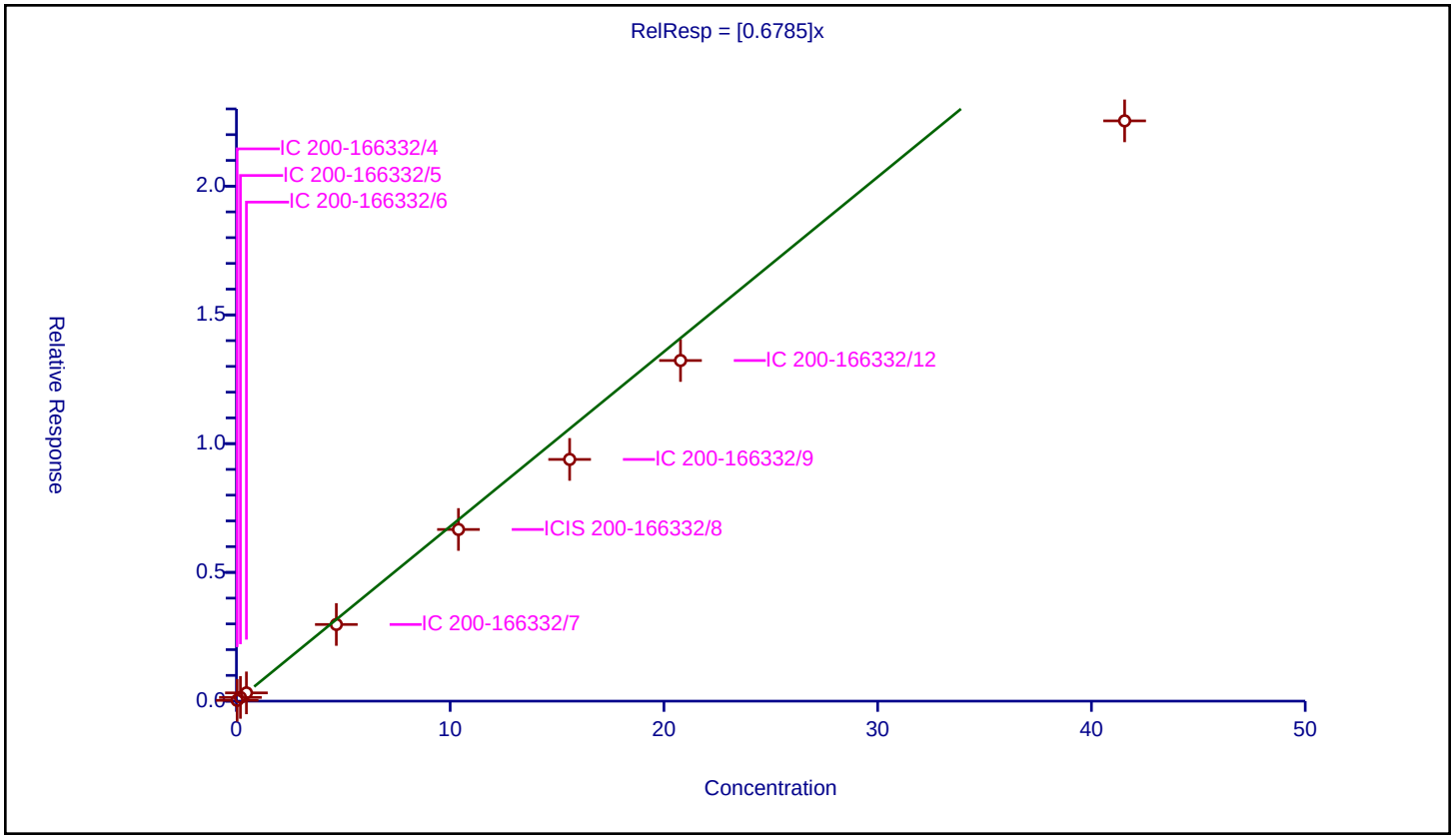
Curve Coefficients

Intercept:	0
Slope:	0.6785

Error Coefficients

Standard Error:	131000
Relative Standard Error:	16.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033321	0.030327	10.0	113100.0	0.910149	Y
2	IC 200-166332/5	0.187431	0.144601	10.0	114176.0	0.77149	Y
3	IC 200-166332/6	0.467973	0.321299	10.0	111236.0	0.686575	Y
4	IC 200-166332/7	4.674593	2.977136	10.0	107244.0	0.636876	Y
5	ICIS 200-166332/8	10.387984	6.666964	10.0	112189.0	0.641796	Y
6	IC 200-166332/9	15.588696	9.387455	10.0	113461.0	0.602196	Y
7	IC 200-166332/12	20.775968	13.229126	10.0	107862.0	0.636751	Y
8	IC 200-166332/13	41.551937	22.535848	10.0	127622.0	0.542354	Y



Calibration / Butane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

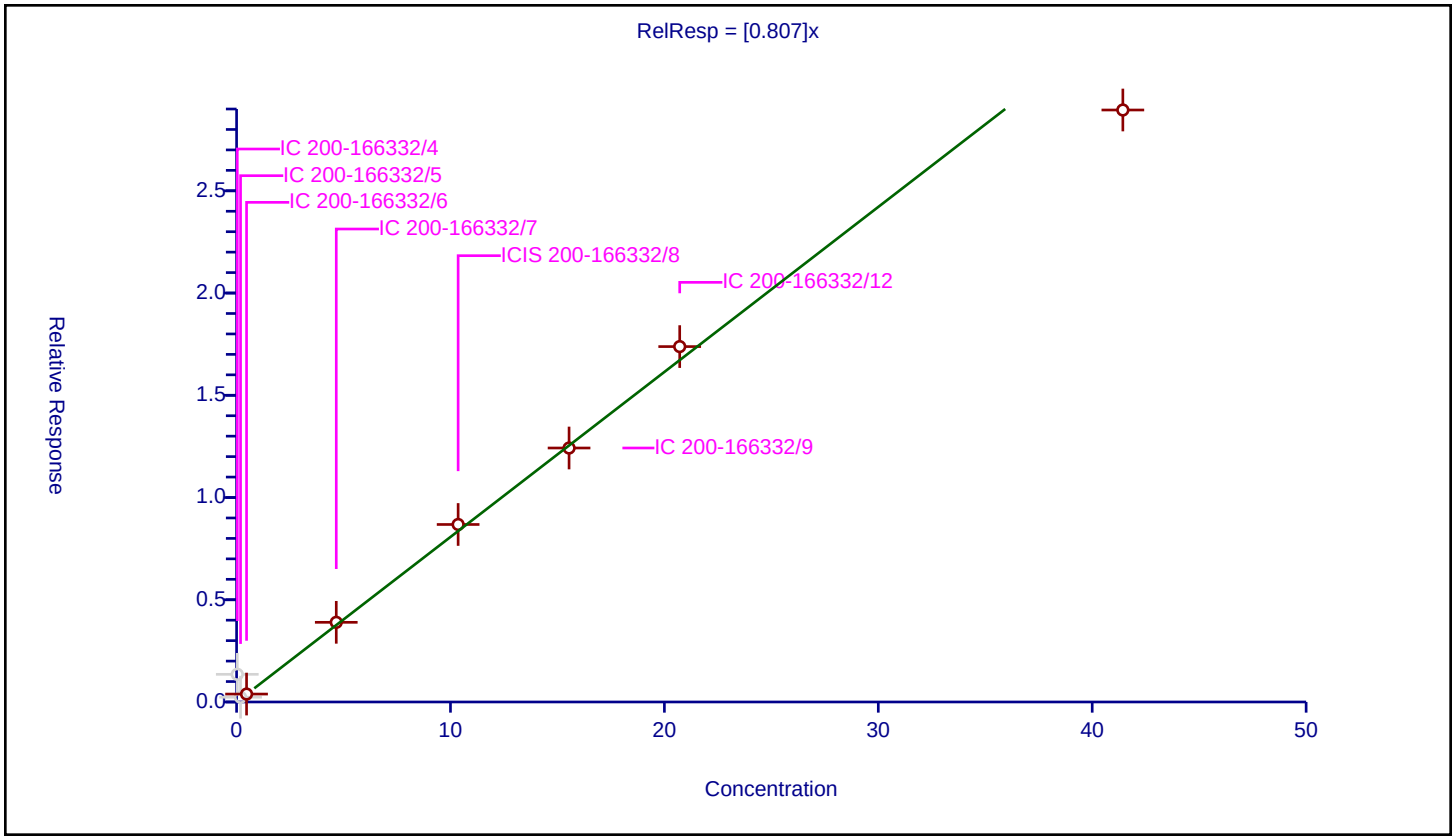
Curve Coefficients

Intercept:	0
Slope:	0.807

Error Coefficients

Standard Error:	201000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033225	1.352874	10.0	113100.0	40.71869	N
2	IC 200-166332/5	0.18689	0.232623	10.0	114176.0	1.244708	N
3	IC 200-166332/6	0.466622	0.387914	10.0	111236.0	0.831324	Y
4	IC 200-166332/7	4.661096	3.896255	10.0	107244.0	0.83591	Y
5	ICIS 200-166332/8	10.35799	8.681689	10.0	112189.0	0.838163	Y
6	IC 200-166332/9	15.543685	12.420832	10.0	113461.0	0.799092	Y
7	IC 200-166332/12	20.71598	17.380913	10.0	107862.0	0.83901	Y
8	IC 200-166332/13	41.43196	28.951435	10.0	127622.0	0.698771	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

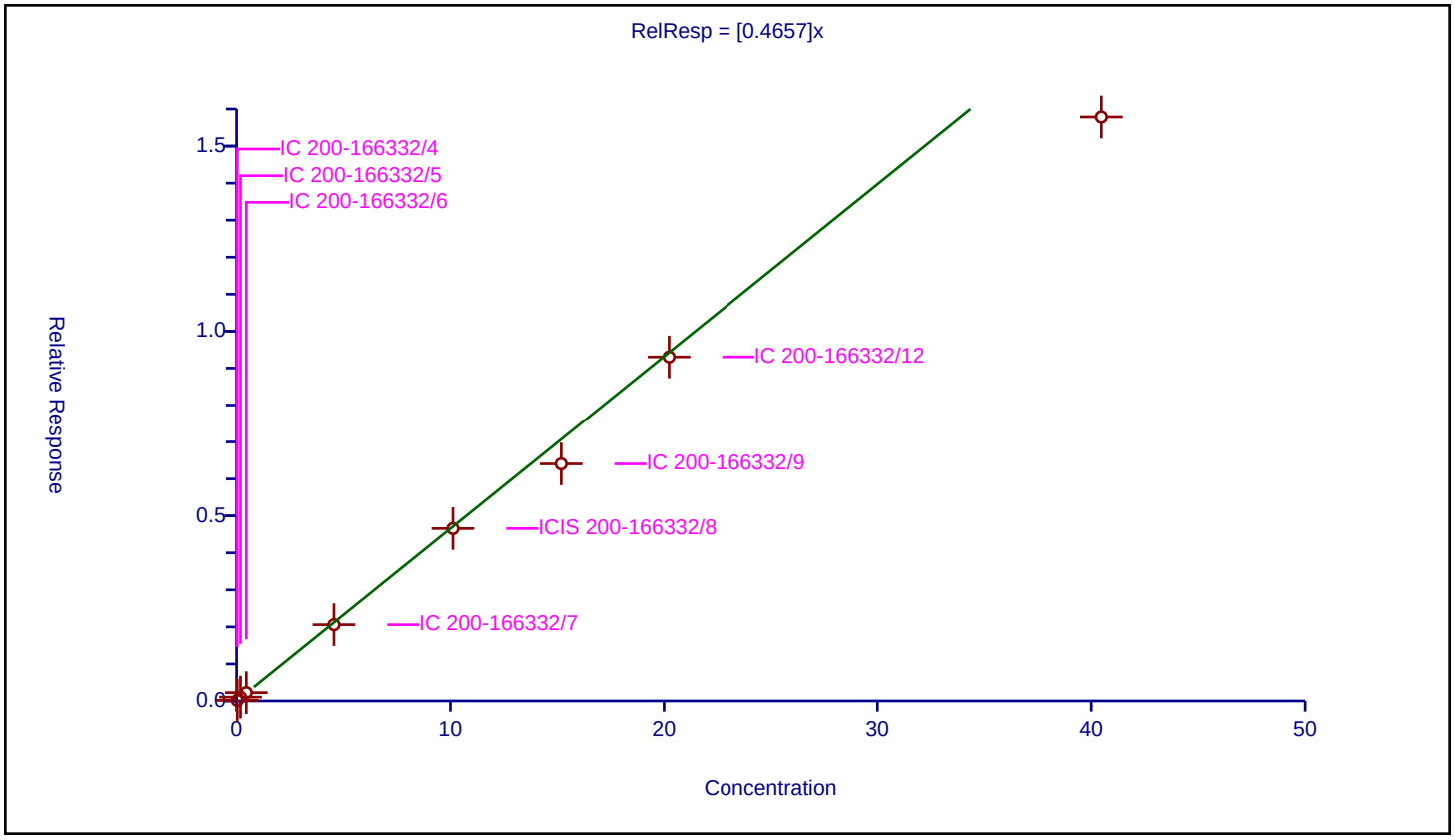
Curve Coefficients

Intercept:	0
Slope:	0.4657

Error Coefficients

Standard Error:	91900
Relative Standard Error:	11.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032455	0.015473	10.0	113100.0	0.476751	Y
2	IC 200-166332/5	0.18256	0.104225	10.0	114176.0	0.570907	Y
3	IC 200-166332/6	0.455812	0.224927	10.0	111236.0	0.493465	Y
4	IC 200-166332/7	4.553116	2.060535	10.0	107244.0	0.452555	Y
5	ICIS 200-166332/8	10.118037	4.657676	10.0	112189.0	0.460334	Y
6	IC 200-166332/9	15.1836	6.406783	10.0	113461.0	0.421954	Y
7	IC 200-166332/12	20.236073	9.30272	10.0	107862.0	0.45971	Y
8	IC 200-166332/13	40.472146	15.784583	10.0	127622.0	0.390011	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

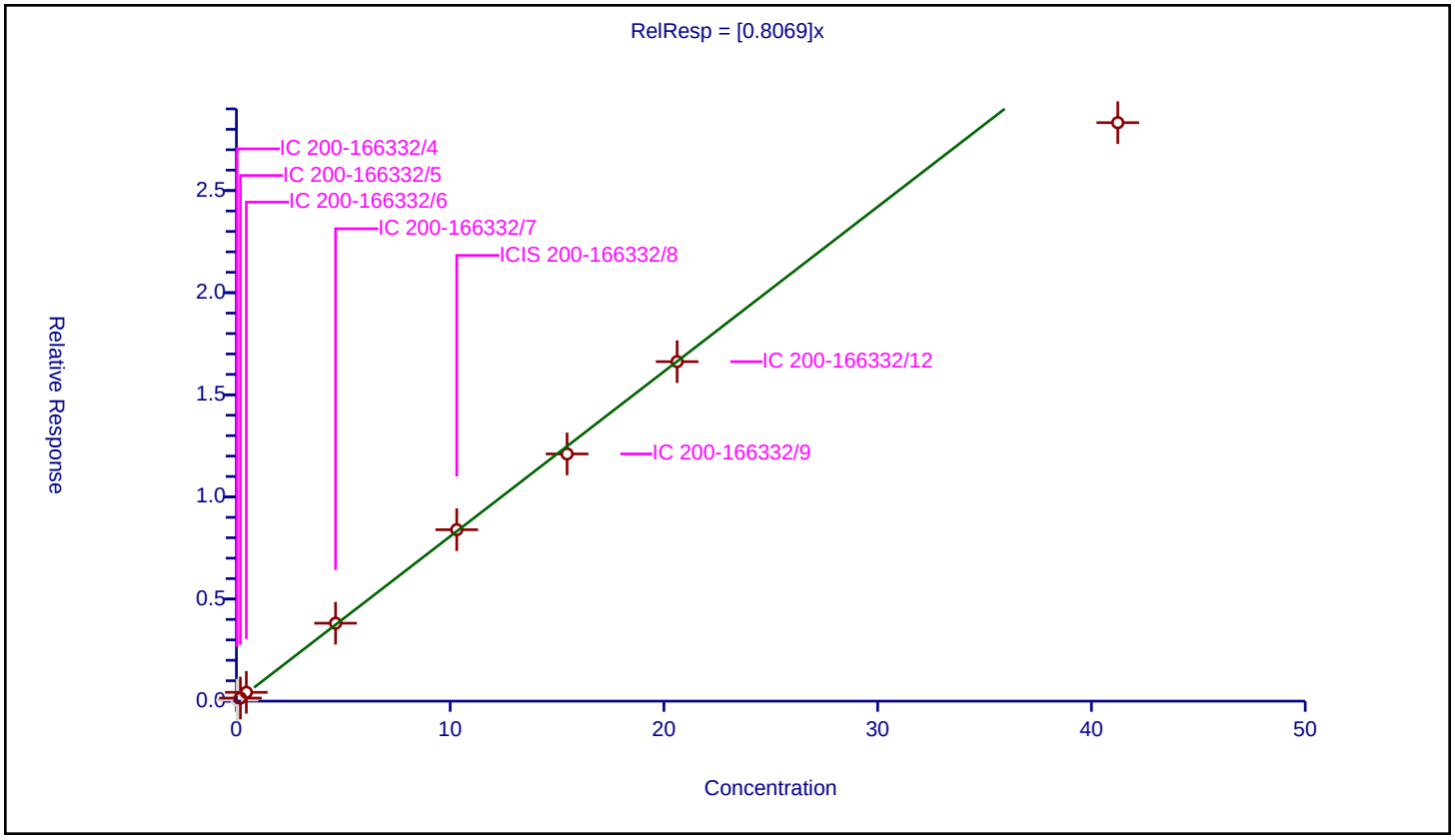
Curve Coefficients

Intercept:	0
Slope:	0.8069

Error Coefficients

Standard Error:	179000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033065	0.051105	10.0	113100.0	1.545621	N
2	IC 200-166332/5	0.185988	0.150382	10.0	114176.0	0.808557	Y
3	IC 200-166332/6	0.46437	0.430616	10.0	111236.0	0.927312	Y
4	IC 200-166332/7	4.6386	3.815505	10.0	107244.0	0.822555	Y
5	ICIS 200-166332/8	10.308	8.393782	10.0	112189.0	0.814298	Y
6	IC 200-166332/9	15.468667	12.104952	10.0	113461.0	0.782547	Y
7	IC 200-166332/12	20.615999	16.623834	10.0	107862.0	0.806356	Y
8	IC 200-166332/13	41.231999	28.325367	10.0	127622.0	0.686975	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

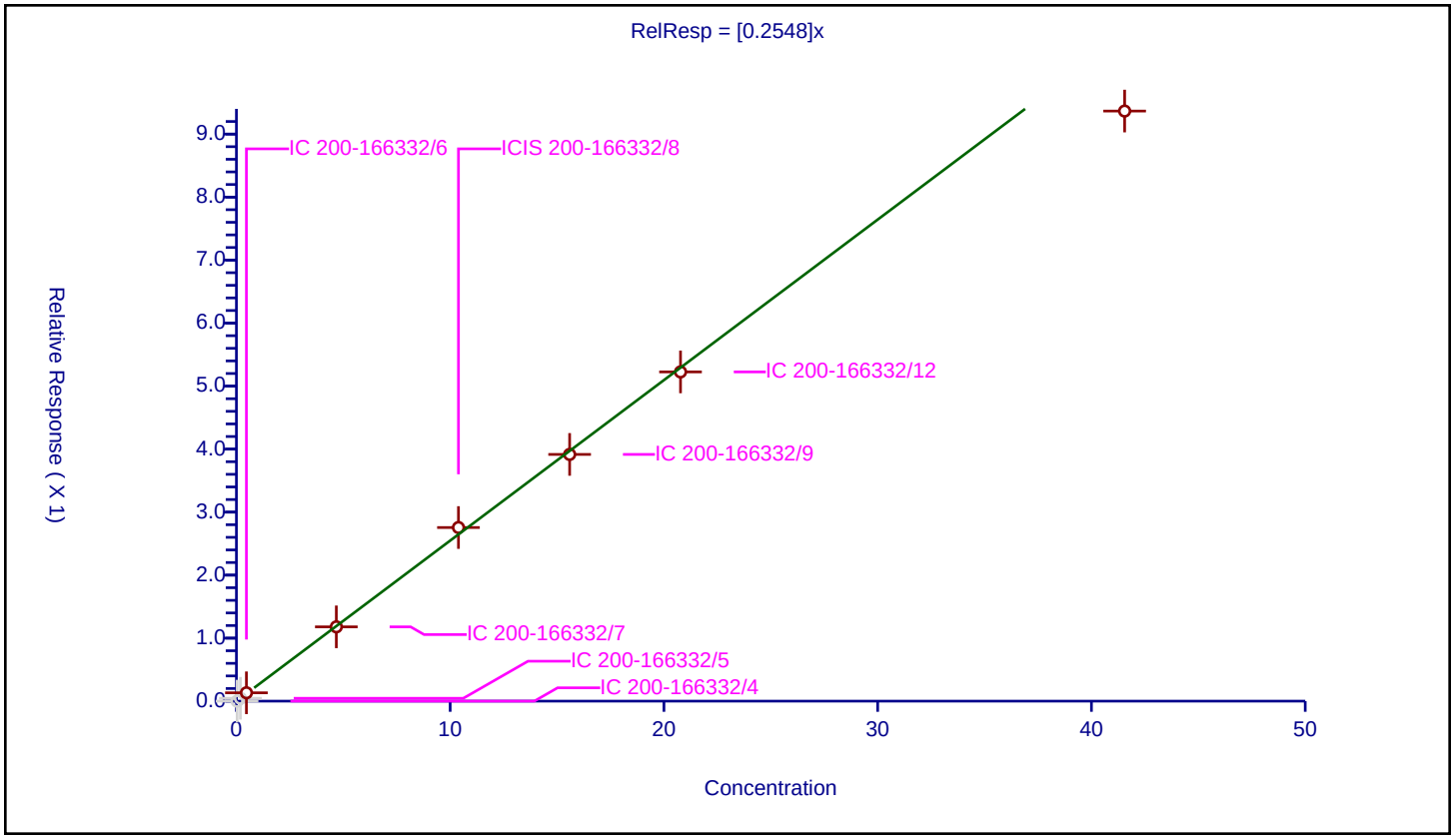
Curve Coefficients

Intercept:	0
Slope:	0.2548

Error Coefficients

Standard Error:	64100
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033321	0.0	10.0	113100.0	0.0	N
2	IC 200-166332/5	0.187431	0.045631	10.0	114176.0	0.243456	N
3	IC 200-166332/6	0.467973	0.132421	10.0	111236.0	0.282967	Y
4	IC 200-166332/7	4.674593	1.17918	10.0	107244.0	0.252253	Y
5	ICIS 200-166332/8	10.387984	2.75535	10.0	112189.0	0.265244	Y
6	IC 200-166332/9	15.588696	3.915971	10.0	113461.0	0.251206	Y
7	IC 200-166332/12	20.775968	5.225473	10.0	107862.0	0.251515	Y
8	IC 200-166332/13	41.551937	9.365548	10.0	127622.0	0.225394	Y



Calibration / 2-Methylbutane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

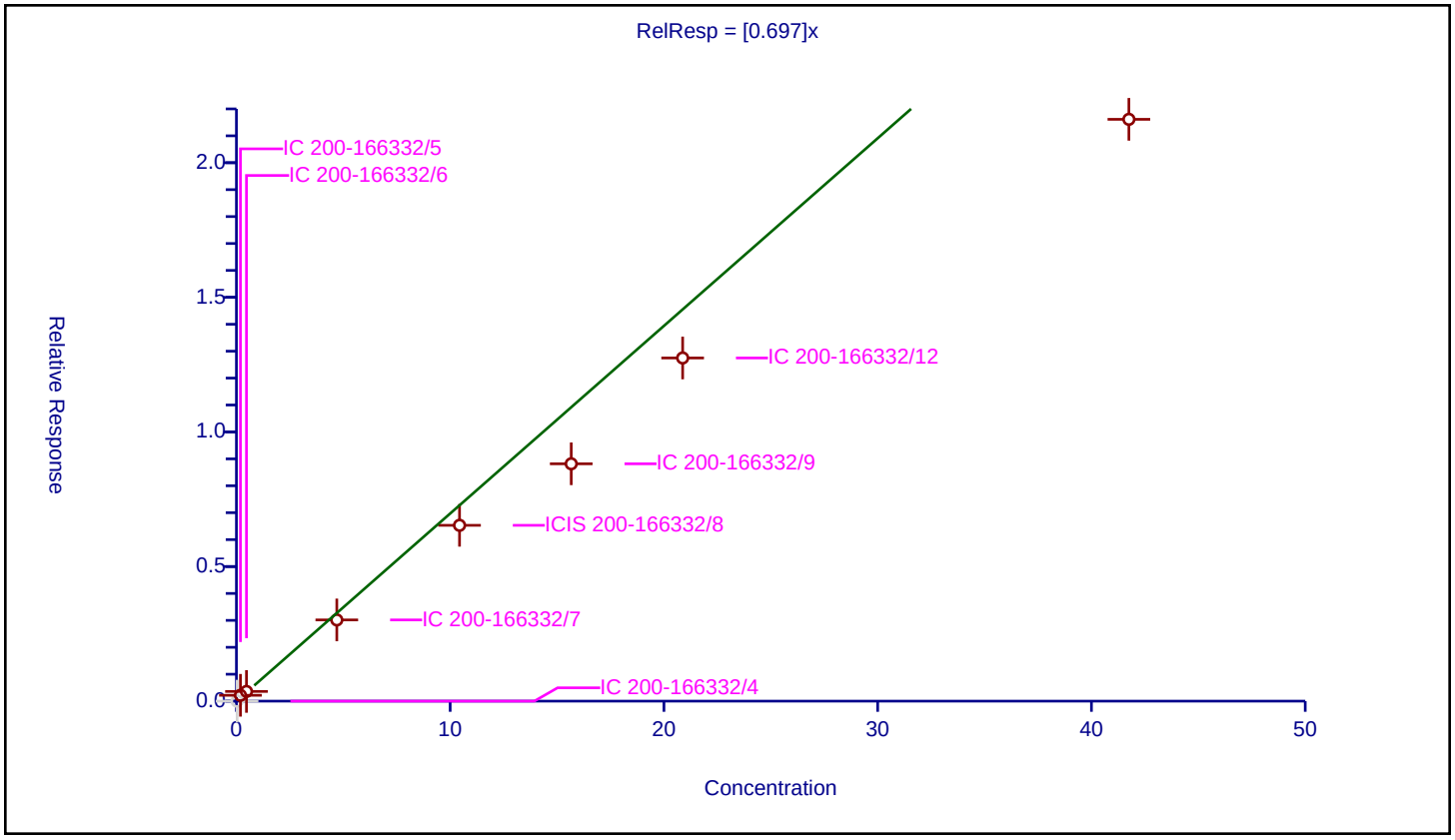
Curve Coefficients

Intercept:	0
Slope:	0.697

Error Coefficients

Standard Error:	136000
Relative Standard Error:	30.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.838

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033481	0.0	10.0	113100.0	0.0	N
2	IC 200-166332/5	0.188333	0.217121	10.0	114176.0	1.152856	Y
3	IC 200-166332/6	0.470225	0.360675	10.0	111236.0	0.767025	Y
4	IC 200-166332/7	4.697089	3.016859	10.0	107244.0	0.642283	Y
5	ICIS 200-166332/8	10.437975	6.530943	10.0	112189.0	0.625691	Y
6	IC 200-166332/9	15.663713	8.816245	10.0	113461.0	0.562845	Y
7	IC 200-166332/12	20.875949	12.747678	10.0	107862.0	0.610639	Y
8	IC 200-166332/13	41.751898	21.611869	10.0	127622.0	0.517626	Y



Calibration / Vinyl bromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

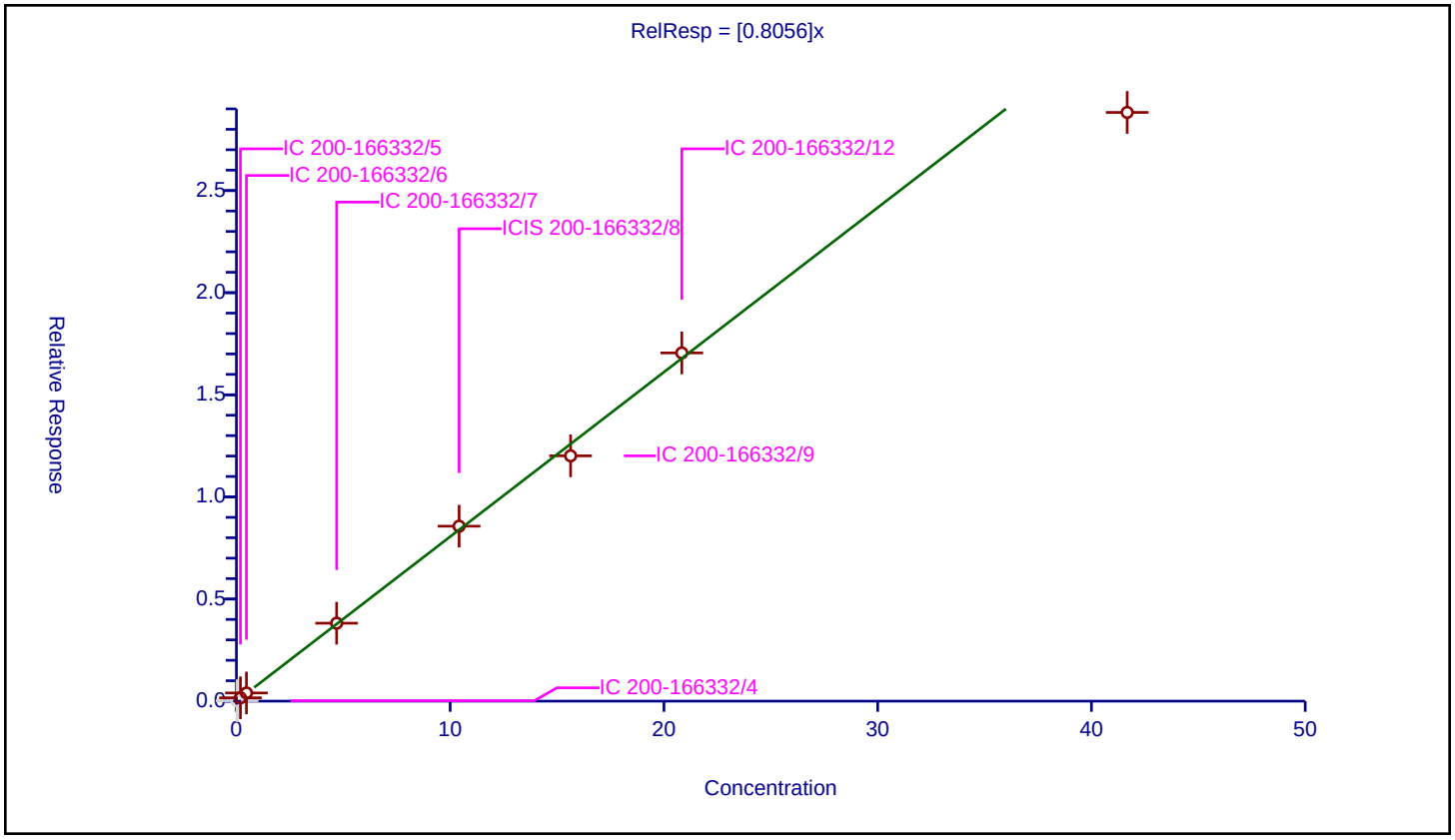
Curve Coefficients

Intercept:	0
Slope:	0.8056

Error Coefficients

Standard Error:	182000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033417	0.020336	10.0	113100.0	0.608547	N
2	IC 200-166332/5	0.187972	0.163432	10.0	114176.0	0.869447	Y
3	IC 200-166332/6	0.469324	0.401039	10.0	111236.0	0.854503	Y
4	IC 200-166332/7	4.68809	3.817183	10.0	107244.0	0.81423	Y
5	ICIS 200-166332/8	10.417978	8.56608	10.0	112189.0	0.82224	Y
6	IC 200-166332/9	15.633706	12.011881	10.0	113461.0	0.768332	Y
7	IC 200-166332/12	20.835957	17.051139	10.0	107862.0	0.818352	Y
8	IC 200-166332/13	41.671914	28.826691	10.0	127622.0	0.691753	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

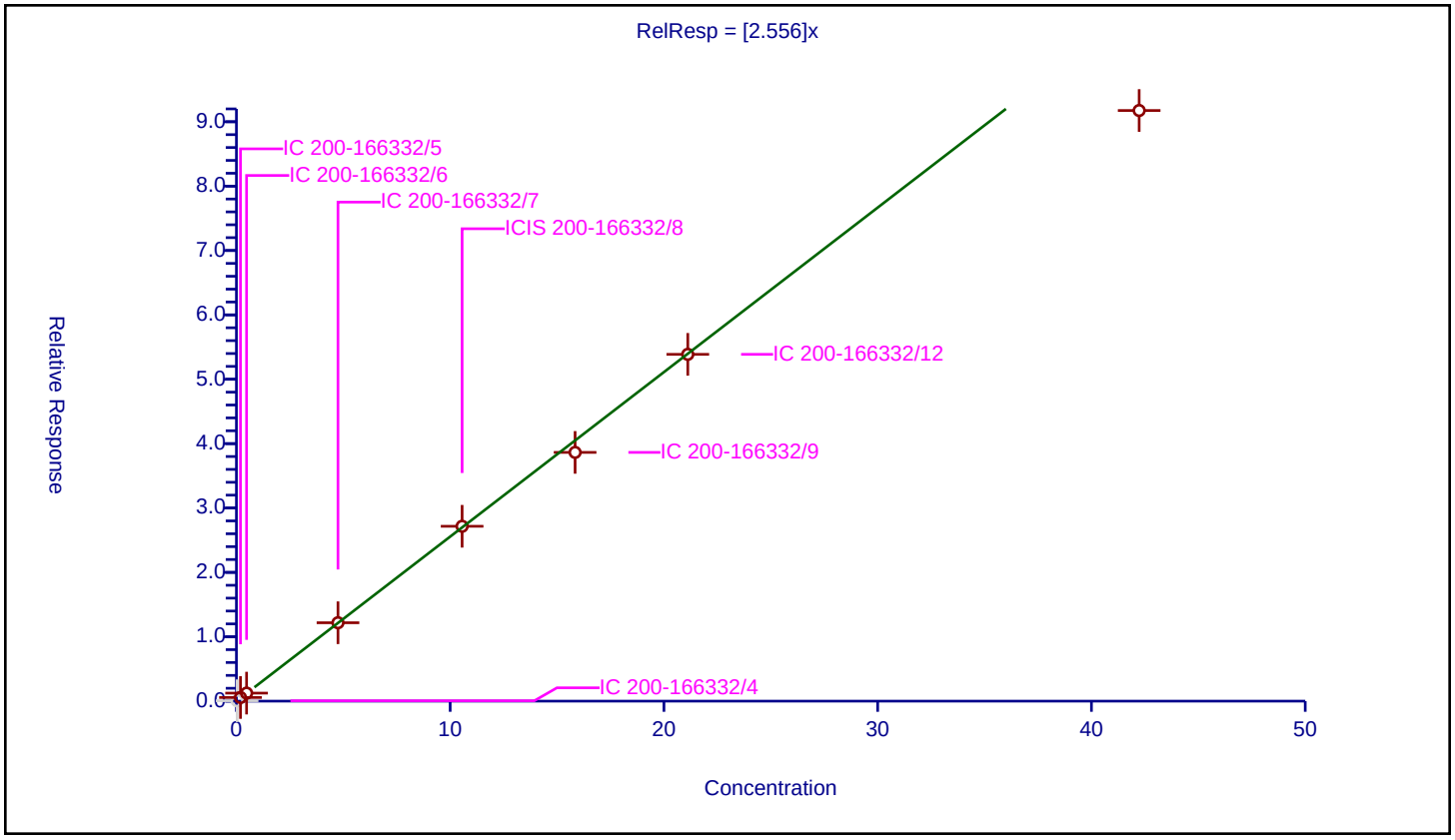
Curve Coefficients

Intercept:	0
Slope:	2.556

Error Coefficients

Standard Error:	579000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033866	0.058002	10.0	113100.0	1.71267	N
2	IC 200-166332/5	0.190498	0.565881	10.0	114176.0	2.970536	Y
3	IC 200-166332/6	0.47563	1.246269	10.0	111236.0	2.620249	Y
4	IC 200-166332/7	4.751078	12.180169	10.0	107244.0	2.563664	Y
5	ICIS 200-166332/8	10.557951	27.161843	10.0	112189.0	2.572643	Y
6	IC 200-166332/9	15.843756	38.639709	10.0	113461.0	2.438797	Y
7	IC 200-166332/12	21.115902	53.868369	10.0	107862.0	2.551081	Y
8	IC 200-166332/13	42.231805	91.748836	10.0	127622.0	2.172506	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

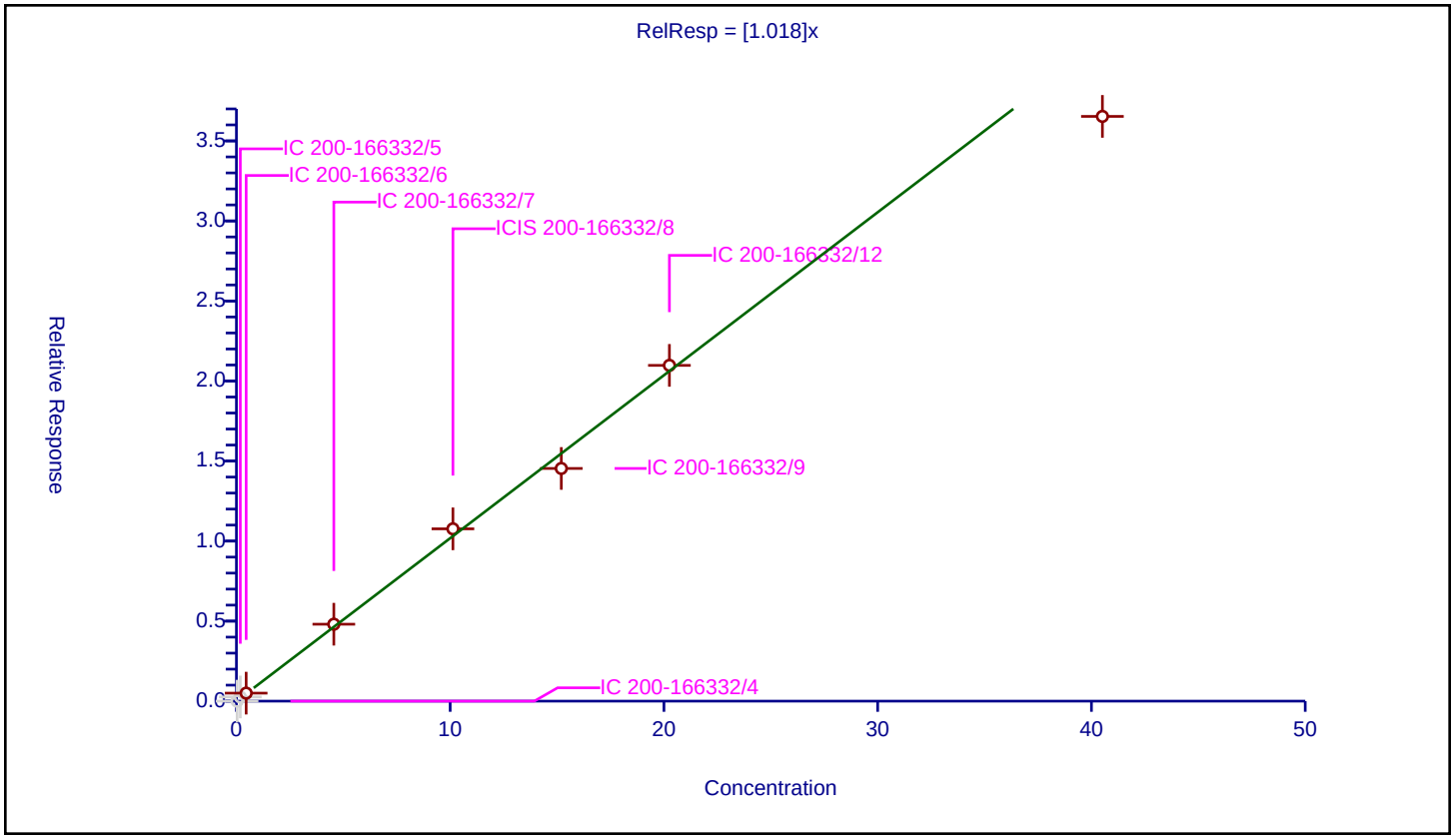
Curve Coefficients

Intercept:	0
Slope:	1.018

Error Coefficients

Standard Error:	250000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032487	0.0	10.0	113100.0	0.0	N
2	IC 200-166332/5	0.182741	0.2603	10.0	114176.0	1.424421	N
3	IC 200-166332/6	0.456263	0.500467	10.0	111236.0	1.096885	Y
4	IC 200-166332/7	4.557616	4.806423	10.0	107244.0	1.054592	Y
5	ICIS 200-166332/8	10.128035	10.764068	10.0	112189.0	1.062799	Y
6	IC 200-166332/9	15.198603	14.536361	10.0	113461.0	0.956427	Y
7	IC 200-166332/12	20.256069	20.976618	10.0	107862.0	1.035572	Y
8	IC 200-166332/13	40.512139	36.531397	10.0	127622.0	0.90174	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

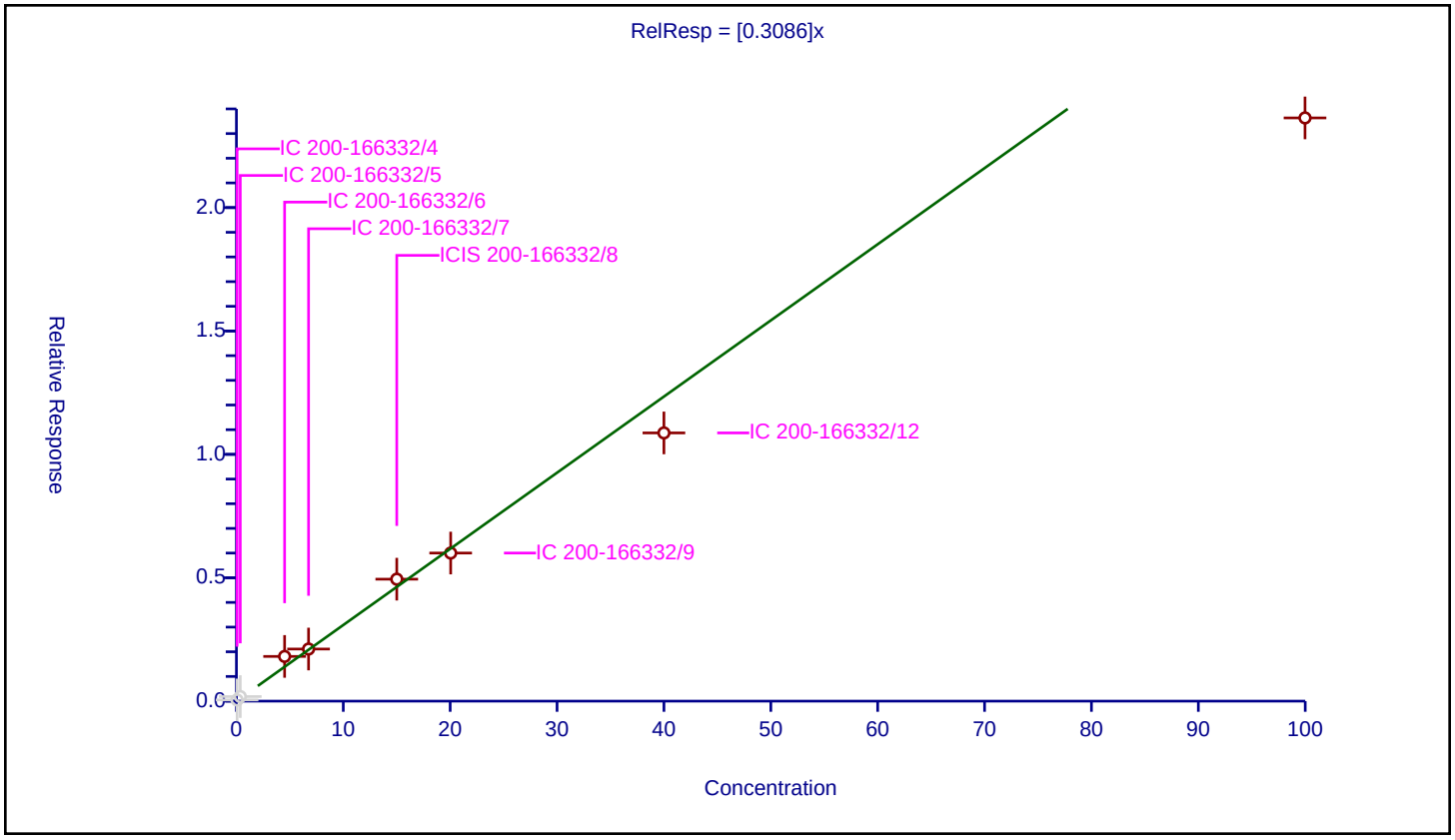
Curve Coefficients

Intercept:	0
Slope:	0.3086

Error Coefficients

Standard Error:	151000
Relative Standard Error:	18.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.907

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.064151	0.047569	10.0	113100.0	0.741508	N
2	IC 200-166332/5	0.36085	0.185591	10.0	114176.0	0.514316	N
3	IC 200-166332/6	4.509574	1.811913	10.0	111236.0	0.401793	Y
4	IC 200-166332/7	6.751601	2.111633	10.0	107244.0	0.31276	Y
5	ICIS 200-166332/8	15.003557	4.942196	10.0	112189.0	0.329402	Y
6	IC 200-166332/9	20.047856	6.001093	10.0	113461.0	0.299338	Y
7	IC 200-166332/12	39.998707	10.869352	10.0	107862.0	0.271743	Y
8	IC 200-166332/13	99.980599	23.634091	10.0	127622.0	0.236387	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

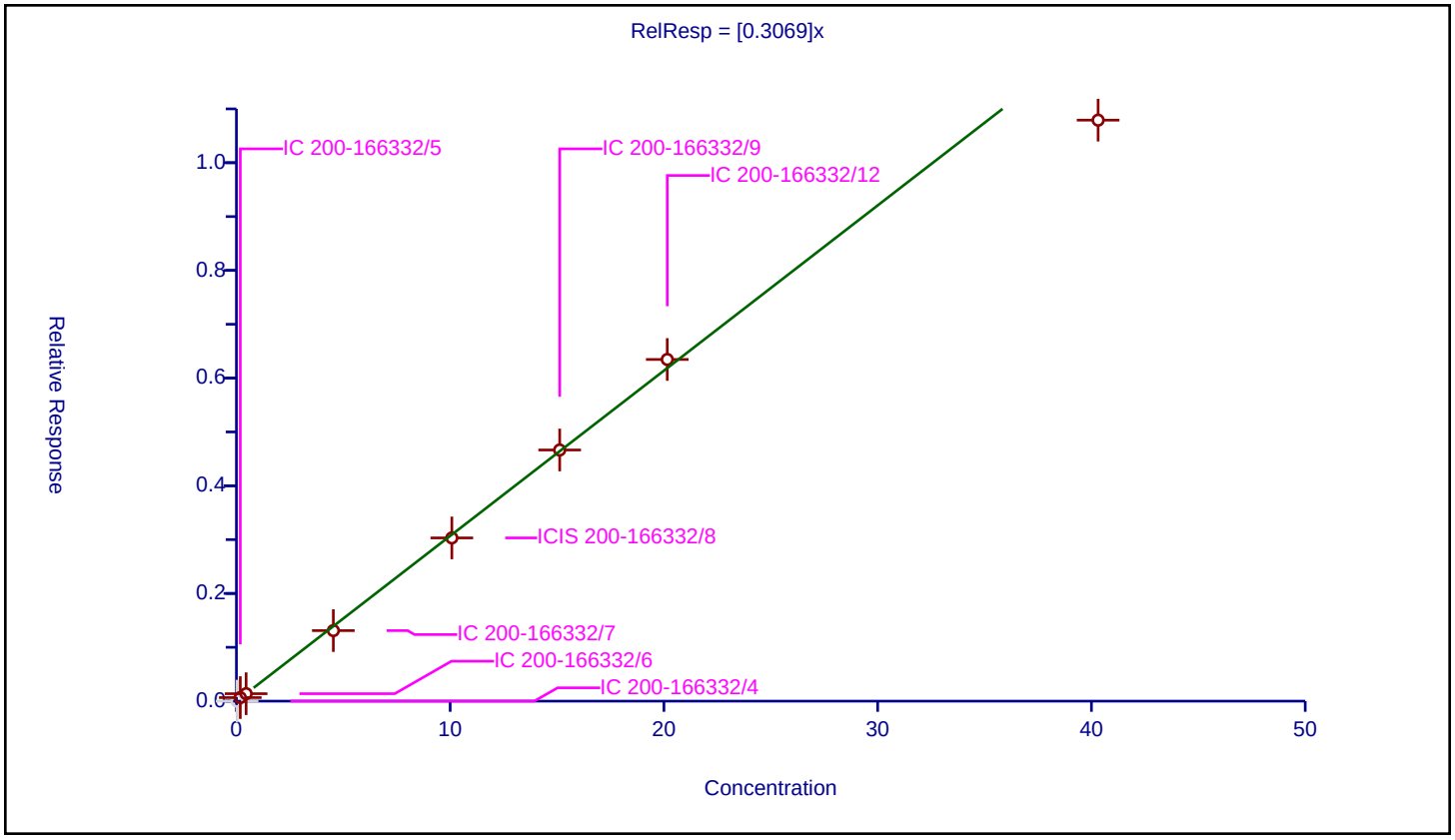
Curve Coefficients

Intercept:	0
Slope:	0.3069

Error Coefficients

Standard Error:	68100
Relative Standard Error:	9.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032327	0.0	10.0	113100.0	0.0	N
2	IC 200-166332/5	0.181839	0.066038	10.0	114176.0	0.36317	Y
3	IC 200-166332/6	0.454011	0.138265	10.0	111236.0	0.30454	Y
4	IC 200-166332/7	4.53512	1.310283	10.0	107244.0	0.288919	Y
5	ICIS 200-166332/8	10.078044	3.03167	10.0	112189.0	0.300819	Y
6	IC 200-166332/9	15.123585	4.66451	10.0	113461.0	0.308426	Y
7	IC 200-166332/12	20.156089	6.345794	10.0	107862.0	0.314833	Y
8	IC 200-166332/13	40.312177	10.790538	10.0	127622.0	0.267674	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

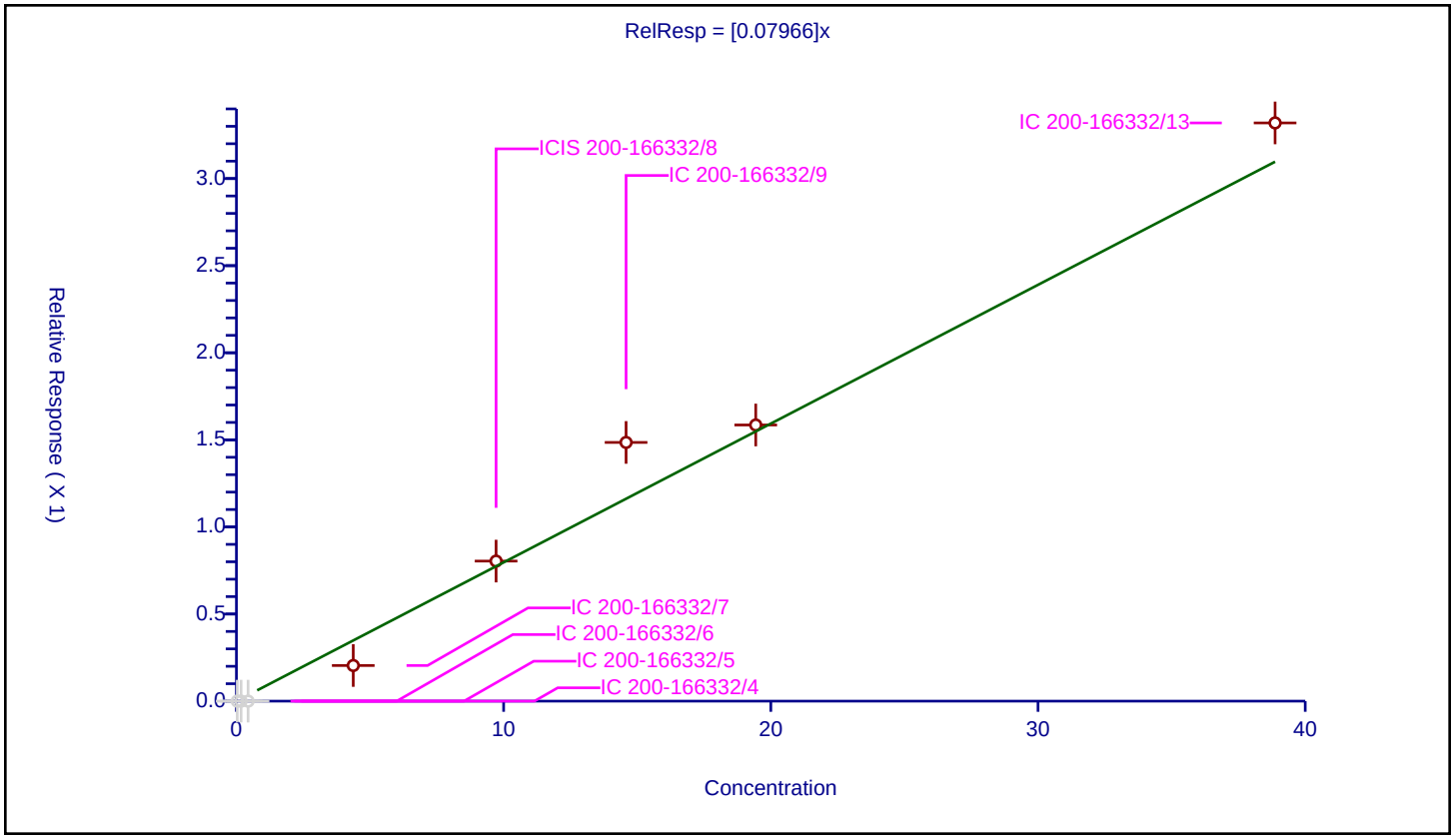
Curve Coefficients

Intercept:	0
Slope:	0.07966

Error Coefficients

Standard Error:	24800
Relative Standard Error:	25.3
Correlation Coefficient:	0.984
Coefficient of Determination (Adjusted):	0.912

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.031172	0.0	10.0	113100.0	0.0	N
2	IC 200-166332/5	0.175345	0.0	10.0	114176.0	0.0	N
3	IC 200-166332/6	0.437796	0.0	10.0	111236.0	0.0	N
4	IC 200-166332/7	4.373151	0.20458	10.0	107244.0	0.046781	Y
5	ICIS 200-166332/8	9.718114	0.804	10.0	112189.0	0.082732	Y
6	IC 200-166332/9	14.583457	1.48518	10.0	113461.0	0.10184	Y
7	IC 200-166332/12	19.436228	1.585359	10.0	107862.0	0.081567	Y
8	IC 200-166332/13	38.872457	3.319412	10.0	127622.0	0.085392	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

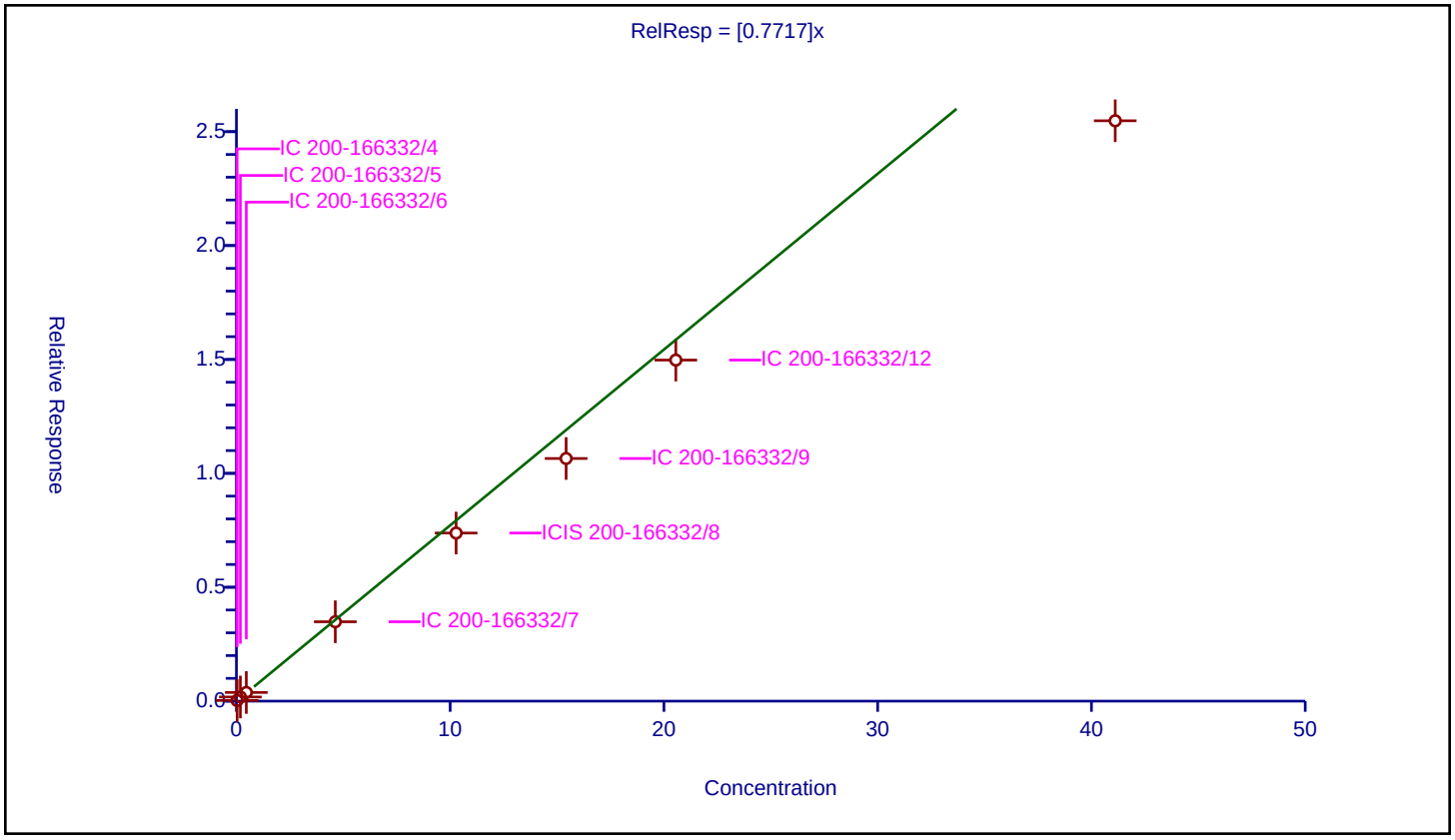
Curve Coefficients

Intercept:	0
Slope:	0.7717

Error Coefficients

Standard Error:	149000
Relative Standard Error:	14.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032968	0.028294	10.0	113100.0	0.858204	Y
2	IC 200-166332/5	0.185447	0.182175	10.0	114176.0	0.982357	Y
3	IC 200-166332/6	0.463019	0.381172	10.0	111236.0	0.823231	Y
4	IC 200-166332/7	4.625103	3.484484	10.0	107244.0	0.753385	Y
5	ICIS 200-166332/8	10.278006	7.379511	10.0	112189.0	0.717991	Y
6	IC 200-166332/9	15.423656	10.652735	10.0	113461.0	0.690675	Y
7	IC 200-166332/12	20.556011	14.972928	10.0	107862.0	0.728397	Y
8	IC 200-166332/13	41.112022	25.477974	10.0	127622.0	0.619721	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

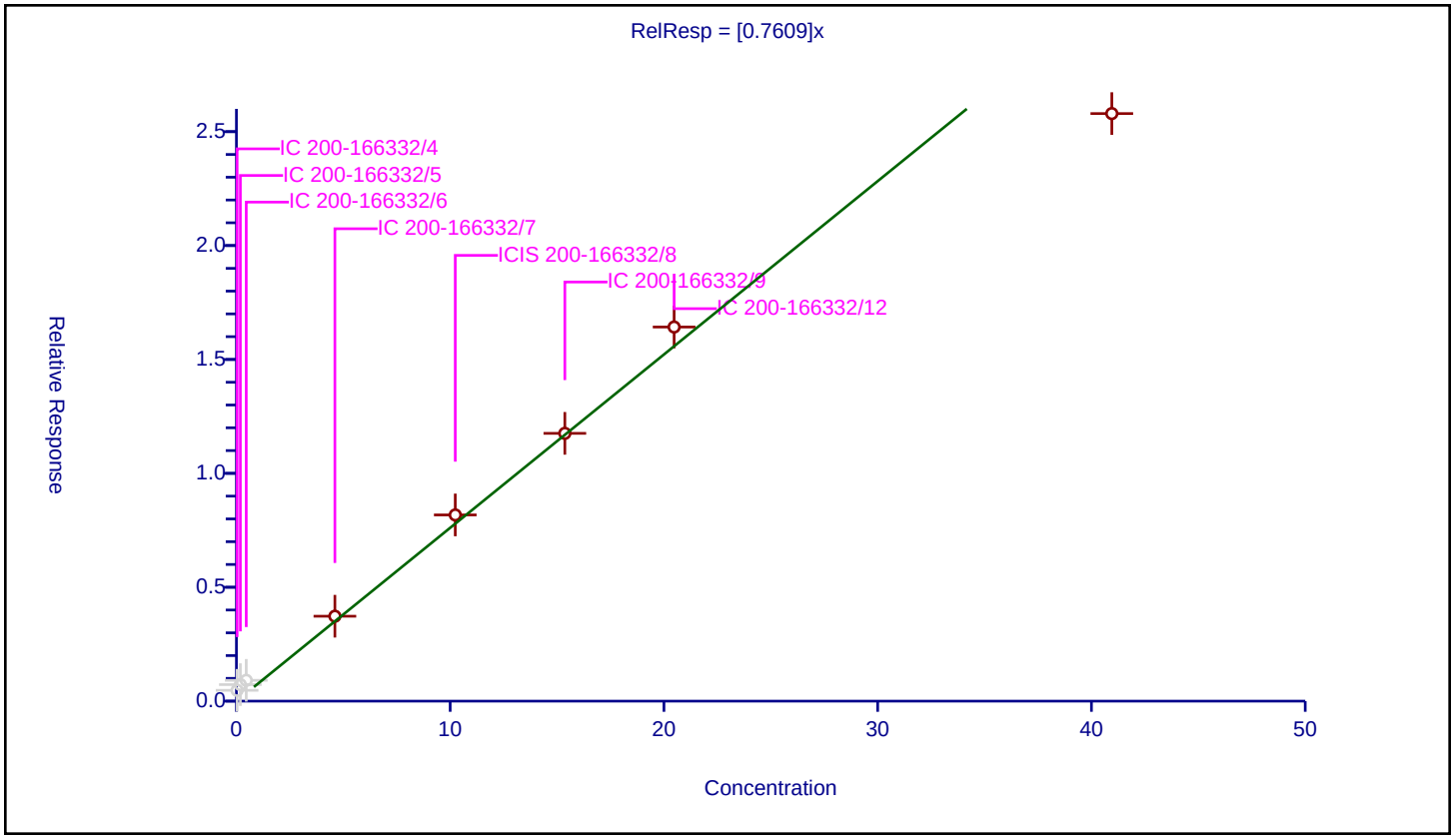
Curve Coefficients

Intercept:	0
Slope:	0.7609

Error Coefficients

Standard Error:	205000
Relative Standard Error:	9.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.03284	0.474713	10.0	113100.0	14.455303	N
2	IC 200-166332/5	0.184725	0.725109	10.0	114176.0	3.925337	N
3	IC 200-166332/6	0.461217	0.913373	10.0	111236.0	1.980355	N
4	IC 200-166332/7	4.607106	3.727668	10.0	107244.0	0.809113	Y
5	ICIS 200-166332/8	10.238013	8.174242	10.0	112189.0	0.798421	Y
6	IC 200-166332/9	15.363642	11.75611	10.0	113461.0	0.76519	Y
7	IC 200-166332/12	20.476027	16.42432	10.0	107862.0	0.802124	Y
8	IC 200-166332/13	40.952053	25.794299	10.0	127622.0	0.629866	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

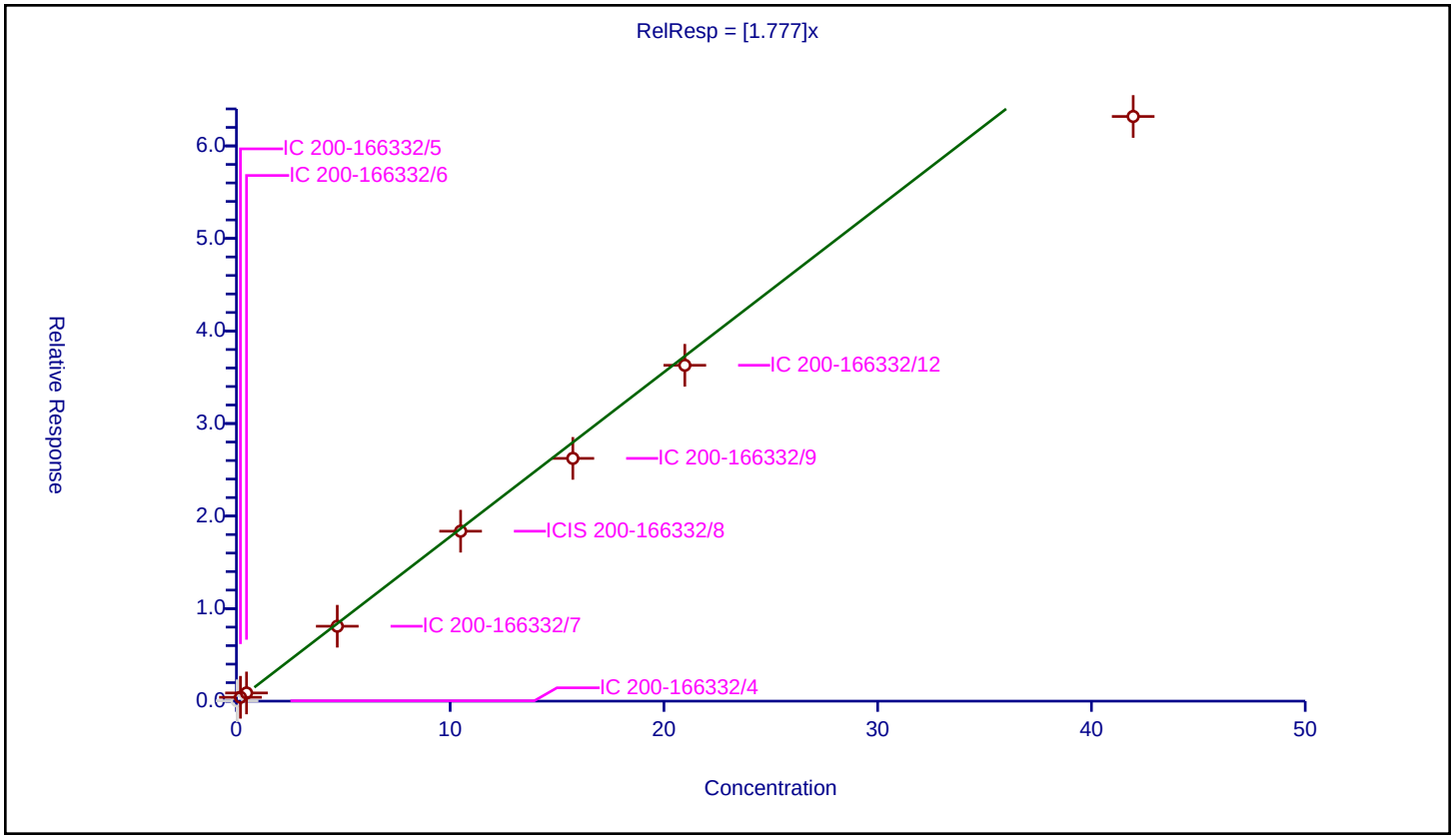
Curve Coefficients

Intercept:	0
Slope:	1.777

Error Coefficients

Standard Error:	396000
Relative Standard Error:	12.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033642	0.03855	10.0	113100.0	1.145895	N
2	IC 200-166332/5	0.189235	0.4162	10.0	114176.0	2.199378	Y
3	IC 200-166332/6	0.472477	0.884336	10.0	111236.0	1.871701	Y
4	IC 200-166332/7	4.719584	8.096024	10.0	107244.0	1.71541	Y
5	ICIS 200-166332/8	10.487965	18.363565	10.0	112189.0	1.750918	Y
6	IC 200-166332/9	15.738731	26.234036	10.0	113461.0	1.666846	Y
7	IC 200-166332/12	20.97593	36.296193	10.0	107862.0	1.730374	Y
8	IC 200-166332/13	41.951859	63.180329	10.0	127622.0	1.50602	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

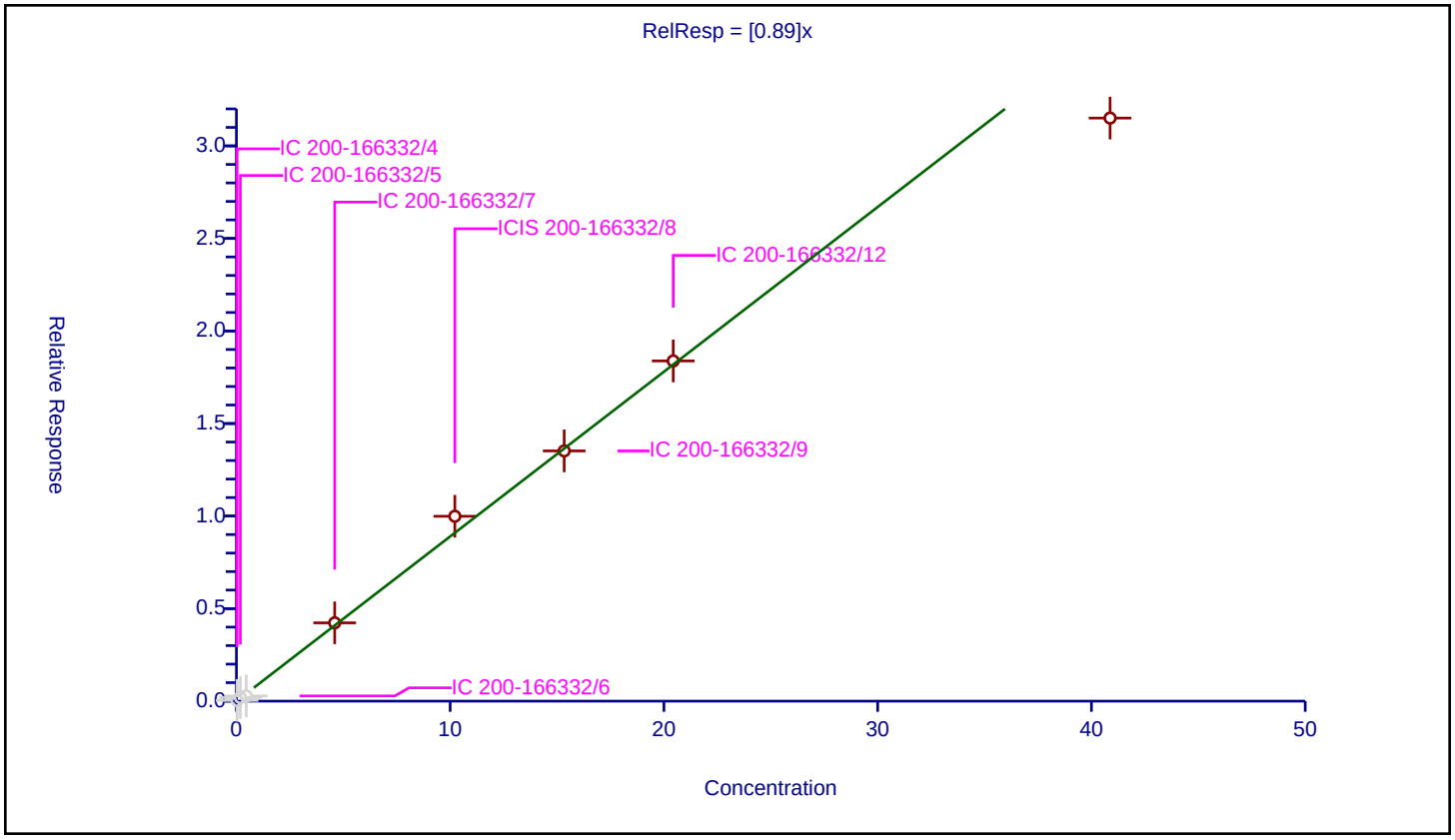
Curve Coefficients

Intercept:	0
Slope:	0.89

Error Coefficients

Standard Error:	244000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032776	0.038019	10.0	113100.0	1.159982	N
2	IC 200-166332/5	0.184364	0.194086	10.0	114176.0	1.052732	N
3	IC 200-166332/6	0.460316	0.281204	10.0	111236.0	0.610893	N
4	IC 200-166332/7	4.598108	4.231006	10.0	107244.0	0.920162	Y
5	ICIS 200-166332/8	10.218017	9.989839	10.0	112189.0	0.977669	Y
6	IC 200-166332/9	15.333635	13.520329	10.0	113461.0	0.881743	Y
7	IC 200-166332/12	20.436034	18.381729	10.0	107862.0	0.899476	Y
8	IC 200-166332/13	40.872069	31.503816	10.0	127622.0	0.770791	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

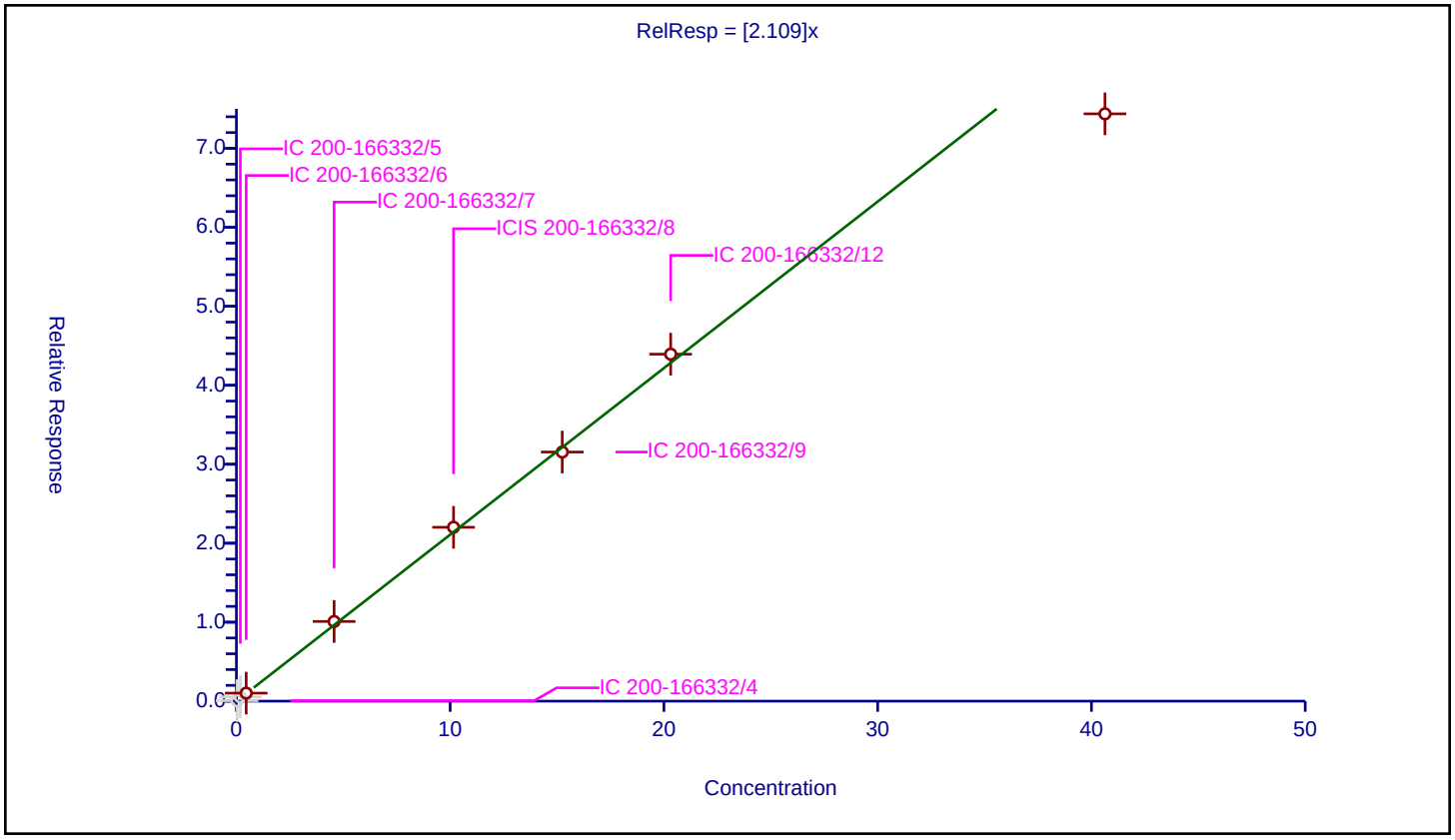
Curve Coefficients

Intercept:	0
Slope:	2.109

Error Coefficients

Standard Error:	515000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032583	0.063218	10.0	113100.0	1.940198	N
2	IC 200-166332/5	0.183282	0.530497	10.0	114176.0	2.894429	N
3	IC 200-166332/6	0.457614	1.013431	10.0	111236.0	2.214598	Y
4	IC 200-166332/7	4.571113	10.089609	10.0	107244.0	2.207254	Y
5	ICIS 200-166332/8	10.158029	22.016151	10.0	112189.0	2.167365	Y
6	IC 200-166332/9	15.243614	31.544055	10.0	113461.0	2.069329	Y
7	IC 200-166332/12	20.316058	43.940498	10.0	107862.0	2.162846	Y
8	IC 200-166332/13	40.632115	74.37307	10.0	127622.0	1.830401	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

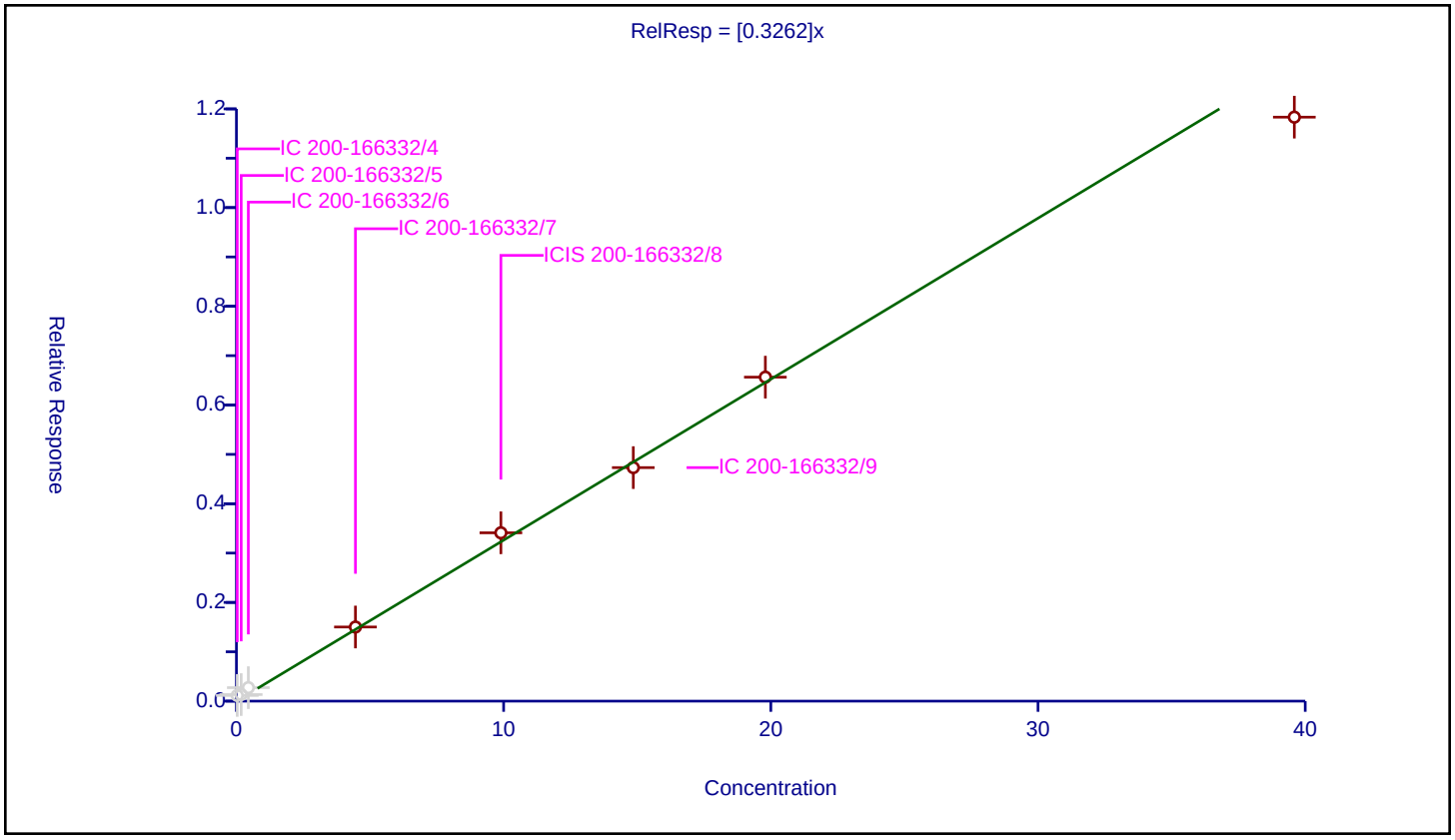
Curve Coefficients

Intercept:	0
Slope:	0.3262

Error Coefficients

Standard Error:	90000
Relative Standard Error:	5.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.03175	0.115473	10.0	113100.0	3.636987	N
2	IC 200-166332/5	0.178592	0.132865	10.0	114176.0	0.74396	N
3	IC 200-166332/6	0.445903	0.273473	10.0	111236.0	0.6133	N
4	IC 200-166332/7	4.454136	1.501995	10.0	107244.0	0.337214	Y
5	ICIS 200-166332/8	9.898079	3.410673	10.0	112189.0	0.344579	Y
6	IC 200-166332/9	14.853521	4.731758	10.0	113461.0	0.318561	Y
7	IC 200-166332/12	19.796159	6.564592	10.0	107862.0	0.331609	Y
8	IC 200-166332/13	39.592317	11.832599	10.0	127622.0	0.298861	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

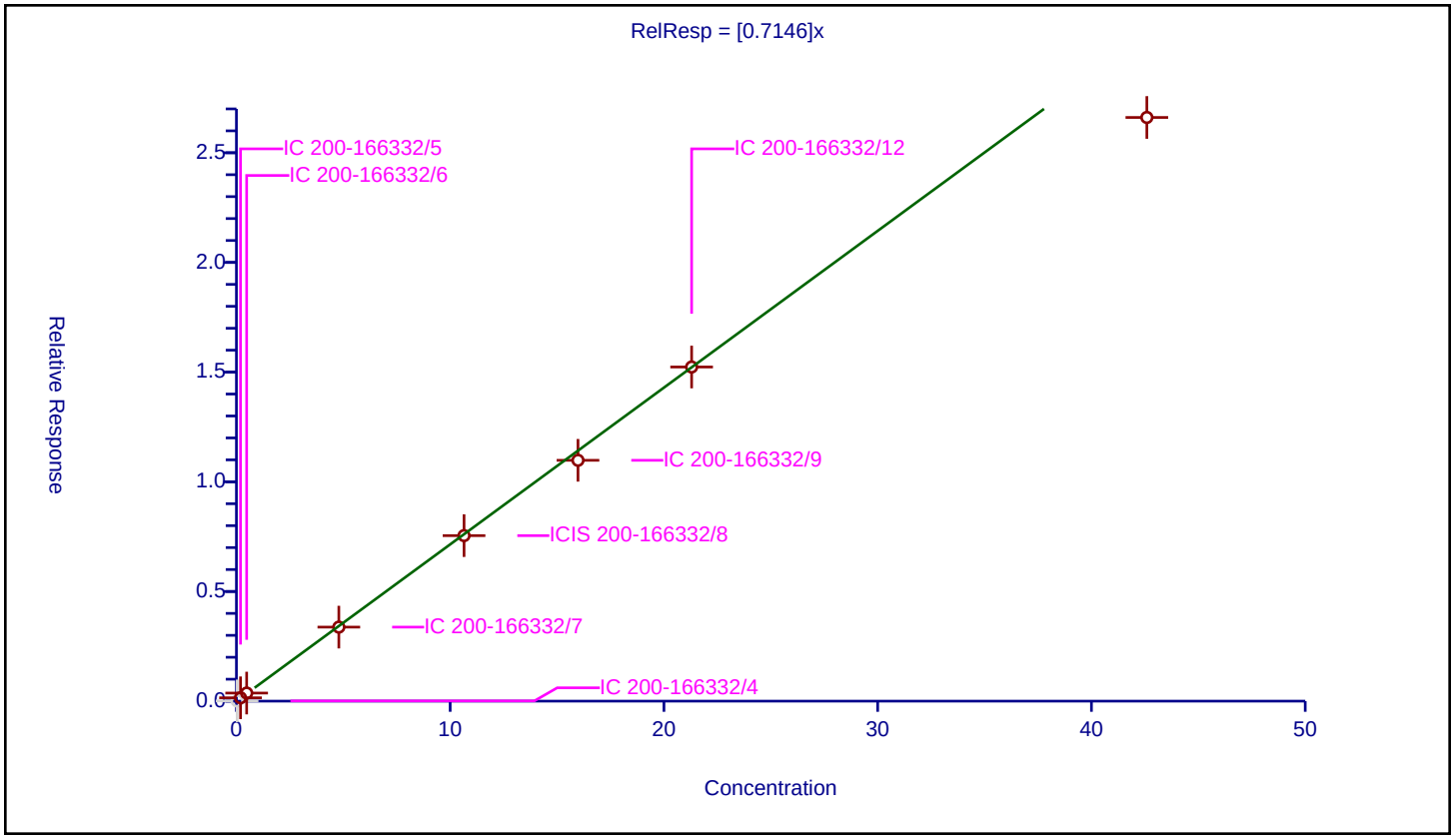
Curve Coefficients

Intercept:	0
Slope:	0.7146

Error Coefficients

Standard Error:	166000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.034155	0.010433	10.0	113100.0	0.305468	N
2	IC 200-166332/5	0.192121	0.152396	10.0	114176.0	0.793229	Y
3	IC 200-166332/6	0.479684	0.368945	10.0	111236.0	0.769143	Y
4	IC 200-166332/7	4.79157	3.374361	10.0	107244.0	0.704229	Y
5	ICIS 200-166332/8	10.647934	7.546284	10.0	112189.0	0.708709	Y
6	IC 200-166332/9	15.978788	10.979191	10.0	113461.0	0.68711	Y
7	IC 200-166332/12	21.295868	15.233354	10.0	107862.0	0.71532	Y
8	IC 200-166332/13	42.591735	26.609597	10.0	127622.0	0.62476	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

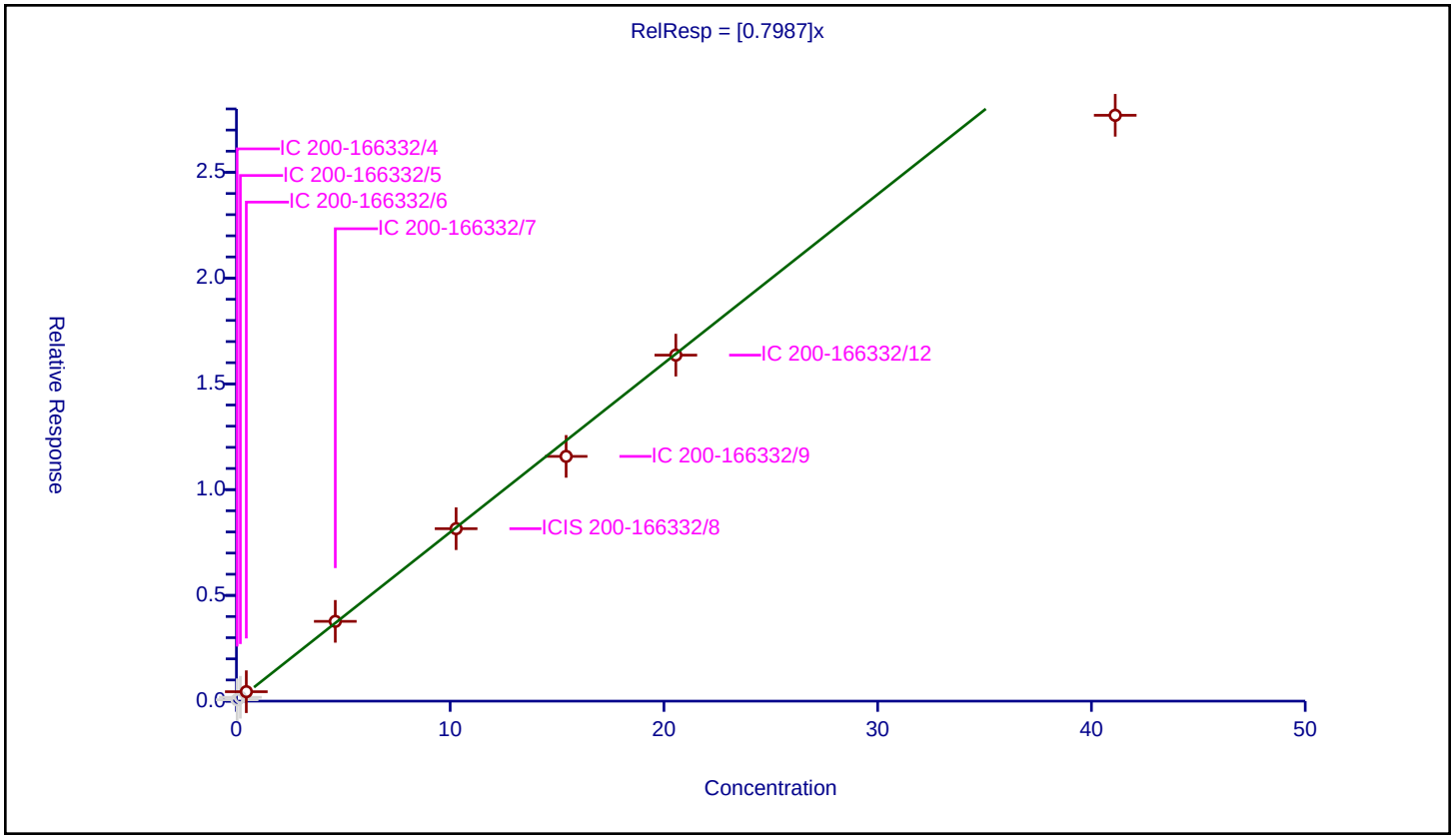
Curve Coefficients

Intercept:	0
Slope:	0.7987

Error Coefficients

Standard Error:	191000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032968	0.063395	10.0	113100.0	1.922914	N
2	IC 200-166332/5	0.185447	0.182	10.0	114176.0	0.981412	N
3	IC 200-166332/6	0.463019	0.446258	10.0	111236.0	0.963802	Y
4	IC 200-166332/7	4.625103	3.7714	10.0	107244.0	0.81542	Y
5	ICIS 200-166332/8	10.278006	8.153117	10.0	112189.0	0.793259	Y
6	IC 200-166332/9	15.423656	11.570936	10.0	113461.0	0.750207	Y
7	IC 200-166332/12	20.556011	16.358588	10.0	107862.0	0.795806	Y
8	IC 200-166332/13	41.112022	27.697732	10.0	127622.0	0.673714	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

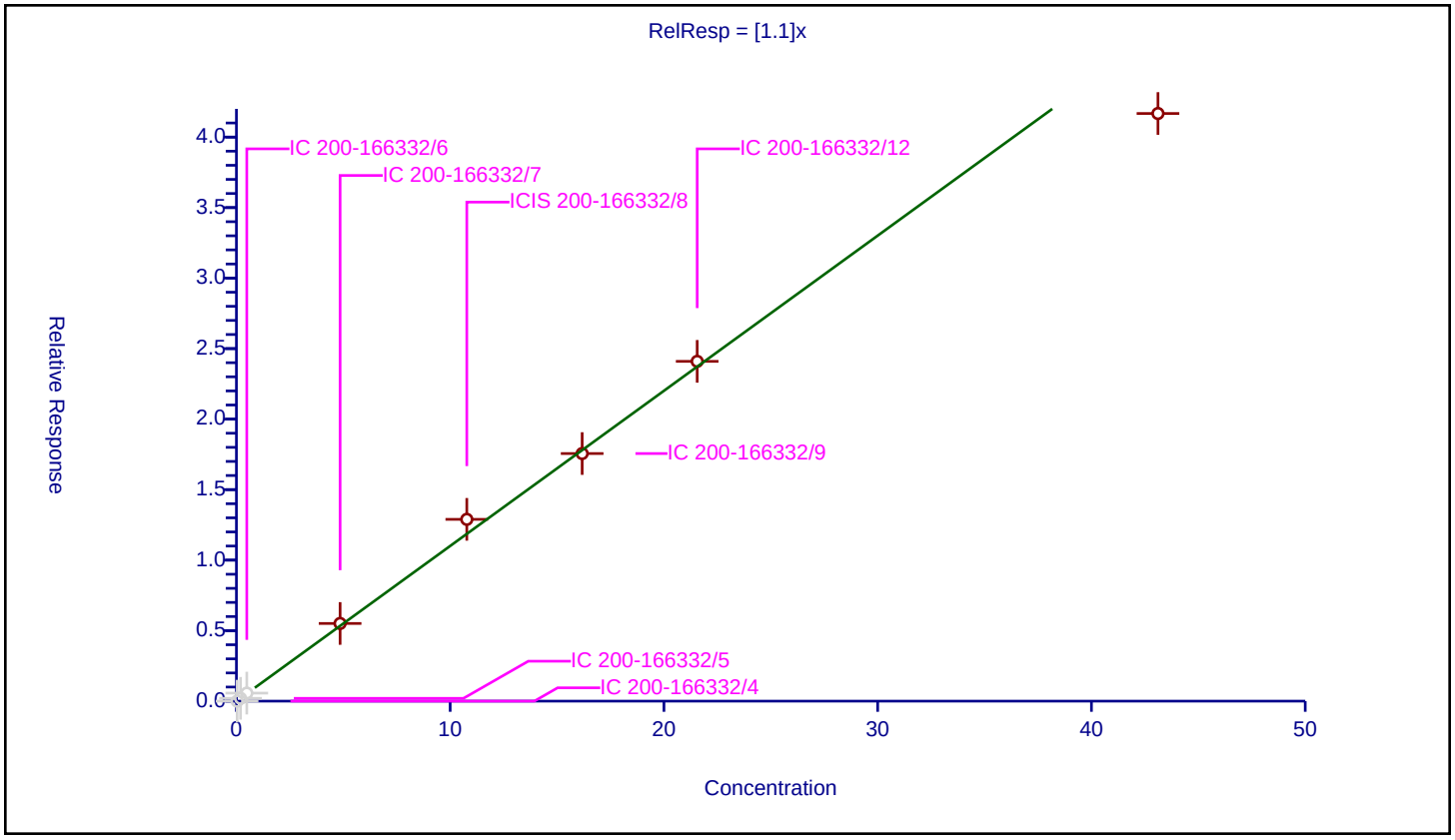
Curve Coefficients

Intercept:	0
Slope:	1.1

Error Coefficients

Standard Error:	322000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.034572	0.0	10.0	113100.0	0.0	N
2	IC 200-166332/5	0.194467	0.198378	10.0	114176.0	1.020113	N
3	IC 200-166332/6	0.485539	0.570229	10.0	111236.0	1.174425	N
4	IC 200-166332/7	4.850059	5.50884	10.0	107244.0	1.135829	Y
5	ICIS 200-166332/8	10.777909	12.891727	10.0	112189.0	1.196125	Y
6	IC 200-166332/9	16.173834	17.558192	10.0	113461.0	1.085592	Y
7	IC 200-166332/12	21.555817	24.096253	10.0	107862.0	1.117854	Y
8	IC 200-166332/13	43.111634	41.673301	10.0	127622.0	0.966637	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

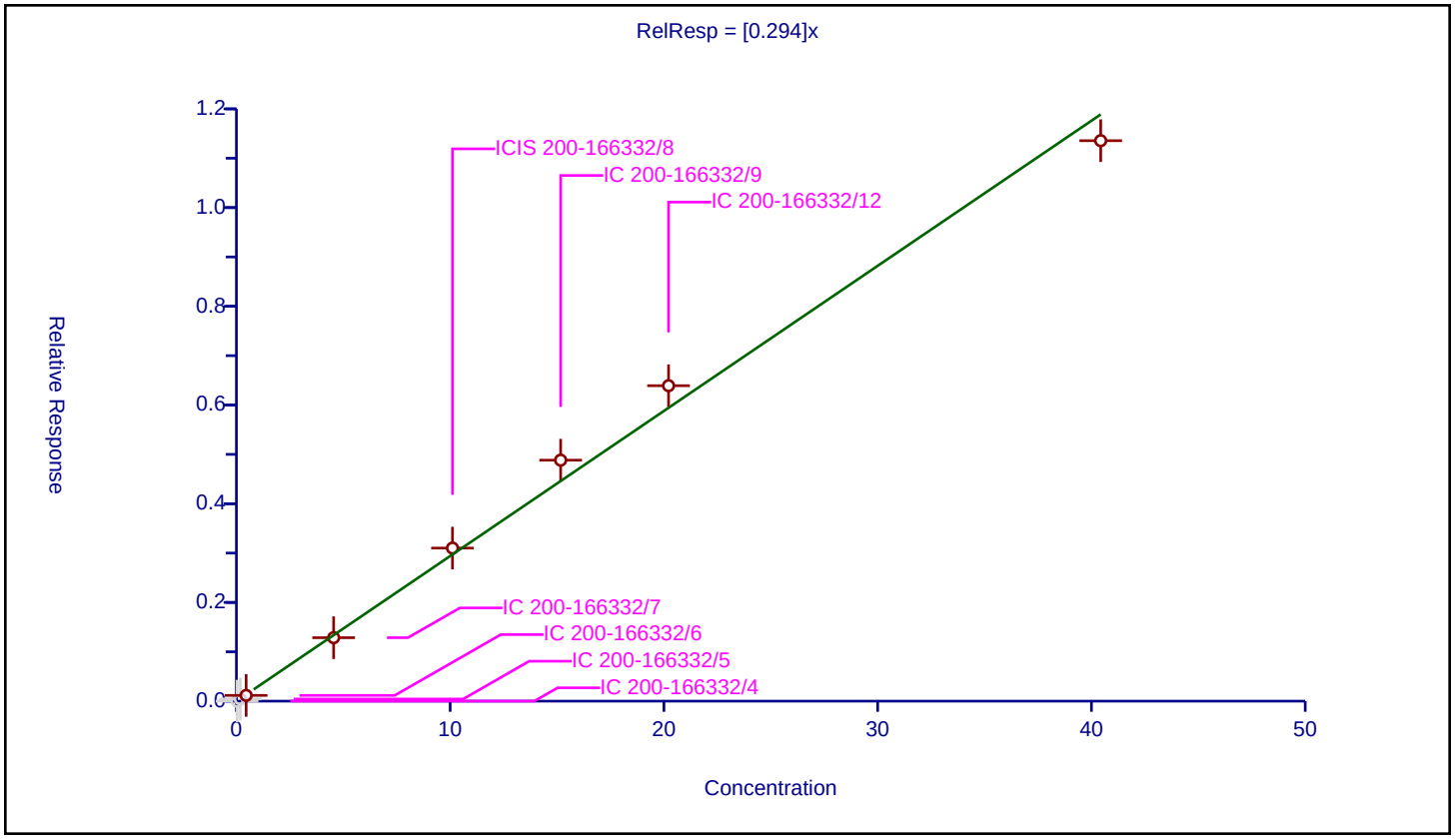
Curve Coefficients

Intercept:	0
Slope:	0.294

Error Coefficients

Standard Error:	77700
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032423	0.0	10.0	113100.0	0.0	N
2	IC 200-166332/5	0.18238	0.043354	10.0	114176.0	0.237713	N
3	IC 200-166332/6	0.455362	0.116419	10.0	111236.0	0.255663	Y
4	IC 200-166332/7	4.548617	1.285573	10.0	107244.0	0.282629	Y
5	ICIS 200-166332/8	10.108039	3.101284	10.0	112189.0	0.306814	Y
6	IC 200-166332/9	15.168596	4.882735	10.0	113461.0	0.321898	Y
7	IC 200-166332/12	20.216077	6.391222	10.0	107862.0	0.316146	Y
8	IC 200-166332/13	40.432154	11.355487	10.0	127622.0	0.280853	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

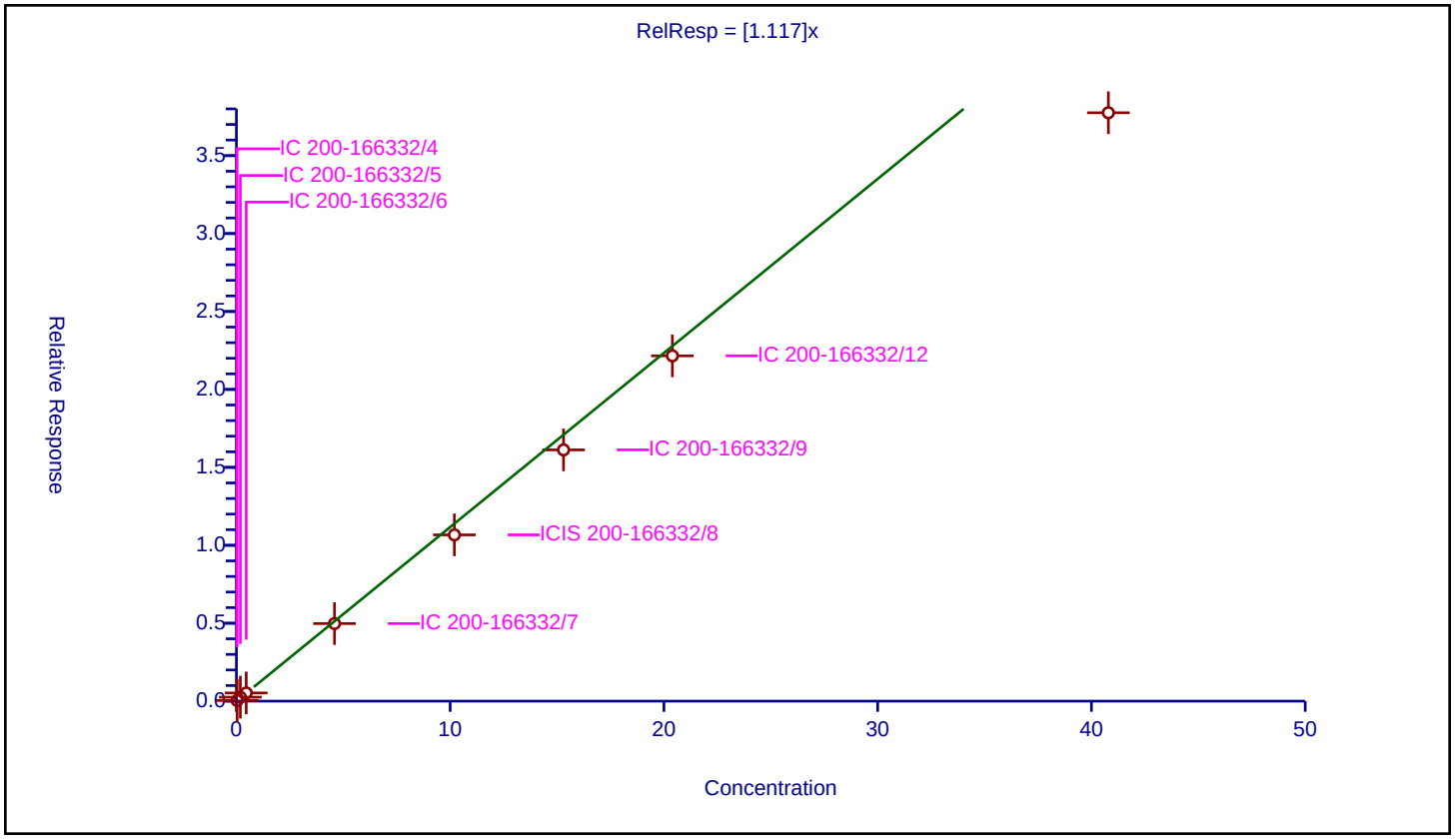
Curve Coefficients

Intercept:	0
Slope:	1.117

Error Coefficients

Standard Error:	220000
Relative Standard Error:	12.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032712	0.039876	10.0	113100.0	1.219018	Y
2	IC 200-166332/5	0.184004	0.253206	10.0	114176.0	1.37609	Y
3	IC 200-166332/6	0.459415	0.525729	10.0	111236.0	1.144343	Y
4	IC 200-166332/7	4.589109	4.977901	10.0	107244.0	1.08472	Y
5	ICIS 200-166332/8	10.198021	10.668336	10.0	112189.0	1.046118	Y
6	IC 200-166332/9	15.303628	16.12087	10.0	113461.0	1.053402	Y
7	IC 200-166332/12	20.396042	22.155439	10.0	107862.0	1.086262	Y
8	IC 200-166332/13	40.792084	37.752895	10.0	127622.0	0.925496	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

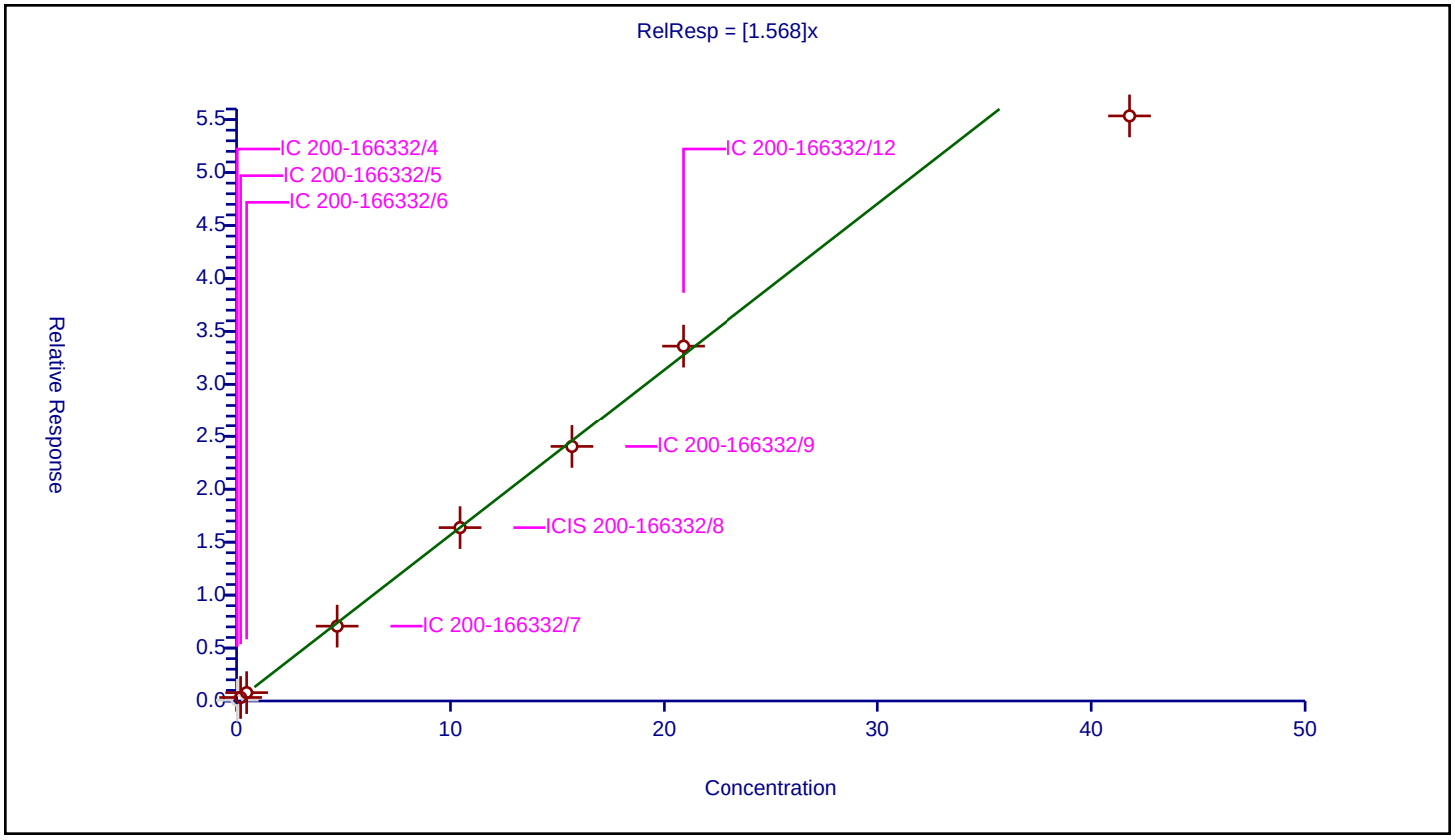
Curve Coefficients

Intercept:	0
Slope:	1.568

Error Coefficients

Standard Error:	352000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033514	0.074447	10.0	113100.0	2.221414	N
2	IC 200-166332/5	0.188514	0.332206	10.0	114176.0	1.762242	Y
3	IC 200-166332/6	0.470676	0.789583	10.0	111236.0	1.677551	Y
4	IC 200-166332/7	4.701588	7.067901	10.0	107244.0	1.503301	Y
5	ICIS 200-166332/8	10.447973	16.373887	10.0	112189.0	1.567183	Y
6	IC 200-166332/9	15.678717	24.041301	10.0	113461.0	1.533372	Y
7	IC 200-166332/12	20.895945	33.606738	10.0	107862.0	1.60829	Y
8	IC 200-166332/13	41.79189	55.346962	10.0	127622.0	1.324347	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

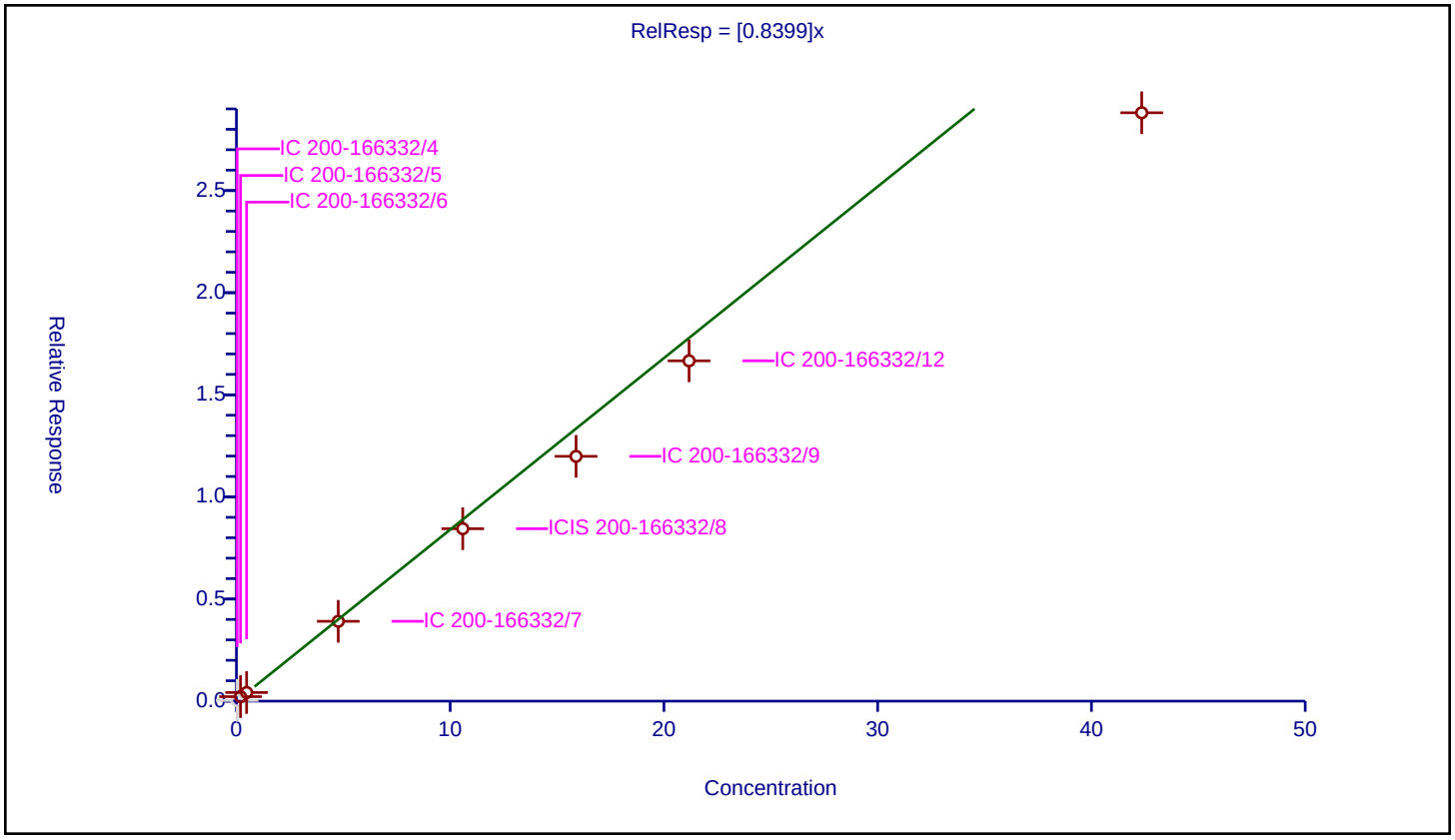
Curve Coefficients

Intercept:	0
Slope:	0.8399

Error Coefficients

Standard Error:	181000
Relative Standard Error:	18.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.953

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033962	0.032272	10.0	113100.0	0.950234	N
2	IC 200-166332/5	0.191039	0.220712	10.0	114176.0	1.155323	Y
3	IC 200-166332/6	0.476981	0.421716	10.0	111236.0	0.884135	Y
4	IC 200-166332/7	4.764575	3.909589	10.0	107244.0	0.820554	Y
5	ICIS 200-166332/8	10.587945	8.442004	10.0	112189.0	0.797322	Y
6	IC 200-166332/9	15.888767	11.987379	10.0	113461.0	0.754456	Y
7	IC 200-166332/12	21.175891	16.663793	10.0	107862.0	0.786923	Y
8	IC 200-166332/13	42.351782	28.810942	10.0	127622.0	0.680277	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

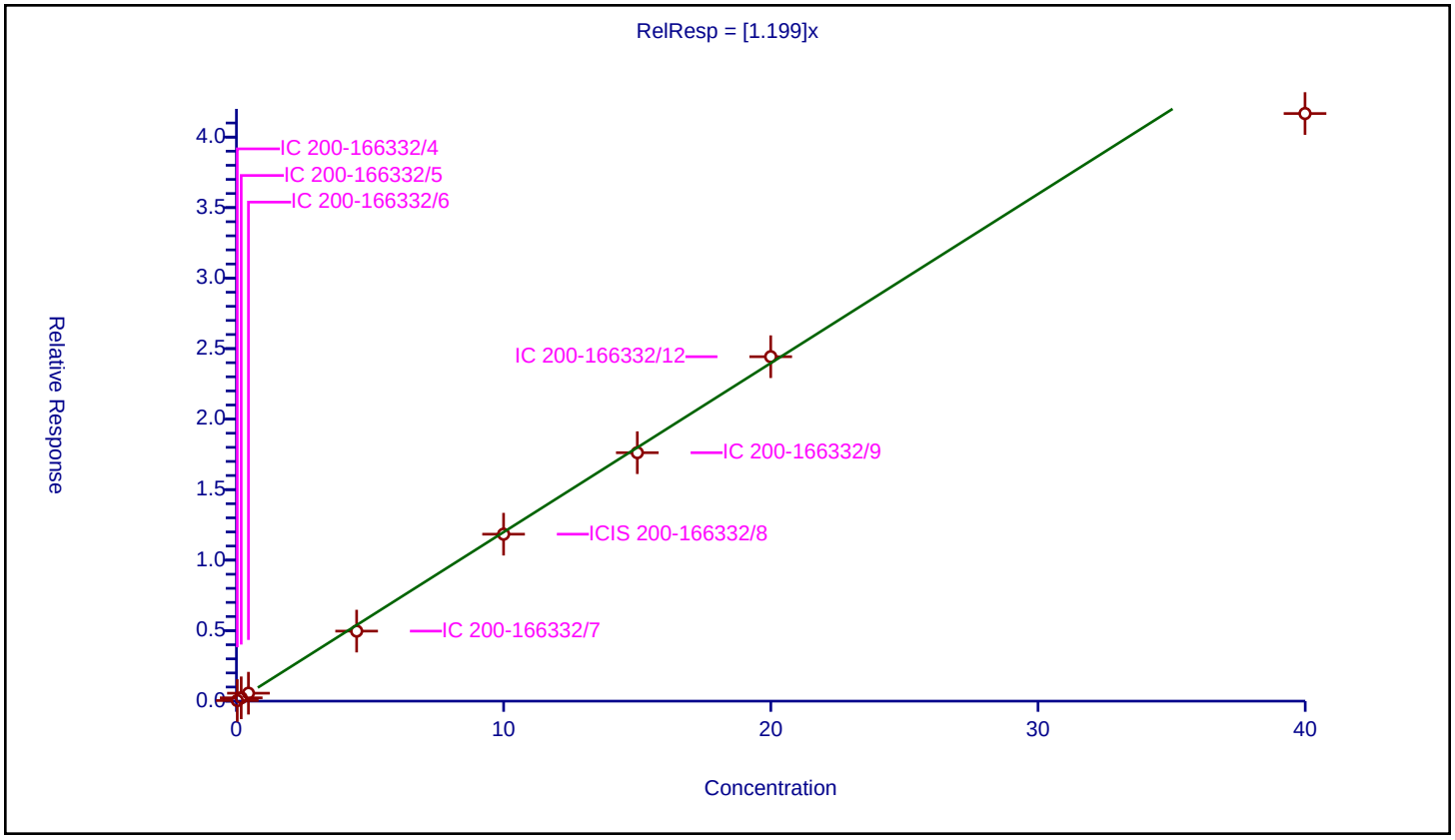
Curve Coefficients

Intercept:	0
Slope:	1.199

Error Coefficients

Standard Error:	243000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.03207	0.04191	10.0	113100.0	1.306809	Y
2	IC 200-166332/5	0.180396	0.235689	10.0	114176.0	1.30651	Y
3	IC 200-166332/6	0.450407	0.563127	10.0	111236.0	1.250262	Y
4	IC 200-166332/7	4.499127	4.967178	10.0	107244.0	1.104031	Y
5	ICIS 200-166332/8	9.99806	11.840555	10.0	112189.0	1.184285	Y
6	IC 200-166332/9	15.003557	17.619799	10.0	113461.0	1.174375	Y
7	IC 200-166332/12	19.99612	24.425933	10.0	107862.0	1.221534	Y
8	IC 200-166332/13	39.99224	41.671577	10.0	127622.0	1.041992	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

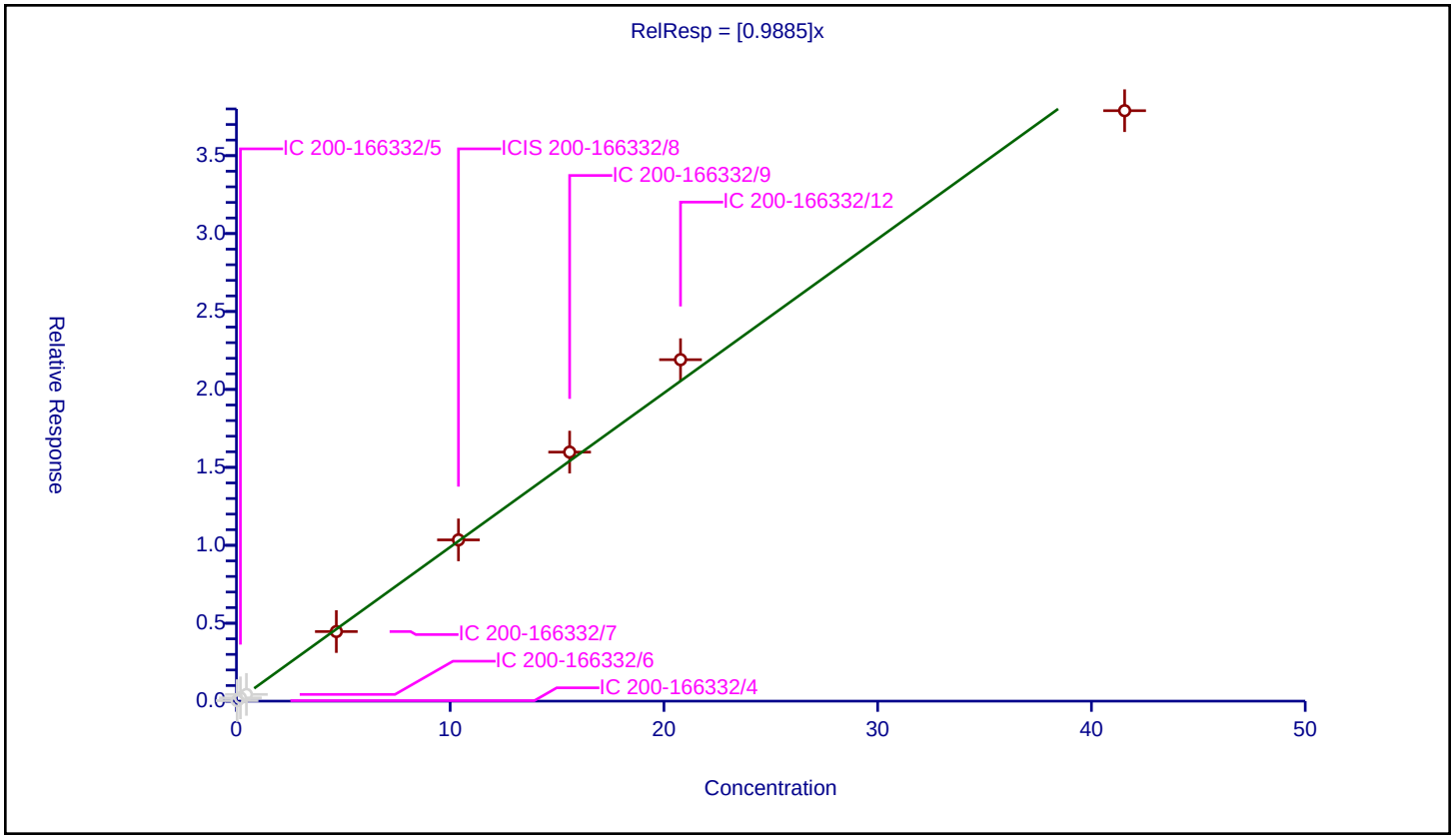
Curve Coefficients

Intercept:	0
Slope:	0.9885

Error Coefficients

Standard Error:	291000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033321	0.031477	10.0	113100.0	0.944644	N
2	IC 200-166332/5	0.187431	0.211428	10.0	114176.0	1.12803	N
3	IC 200-166332/6	0.467973	0.432054	10.0	111236.0	0.923246	N
4	IC 200-166332/7	4.674593	4.463839	10.0	107244.0	0.954915	Y
5	ICIS 200-166332/8	10.387984	10.346825	10.0	112189.0	0.996038	Y
6	IC 200-166332/9	15.588696	15.979588	10.0	113461.0	1.025075	Y
7	IC 200-166332/12	20.775968	21.909755	10.0	107862.0	1.054572	Y
8	IC 200-166332/13	41.551937	37.884691	10.0	127622.0	0.911743	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

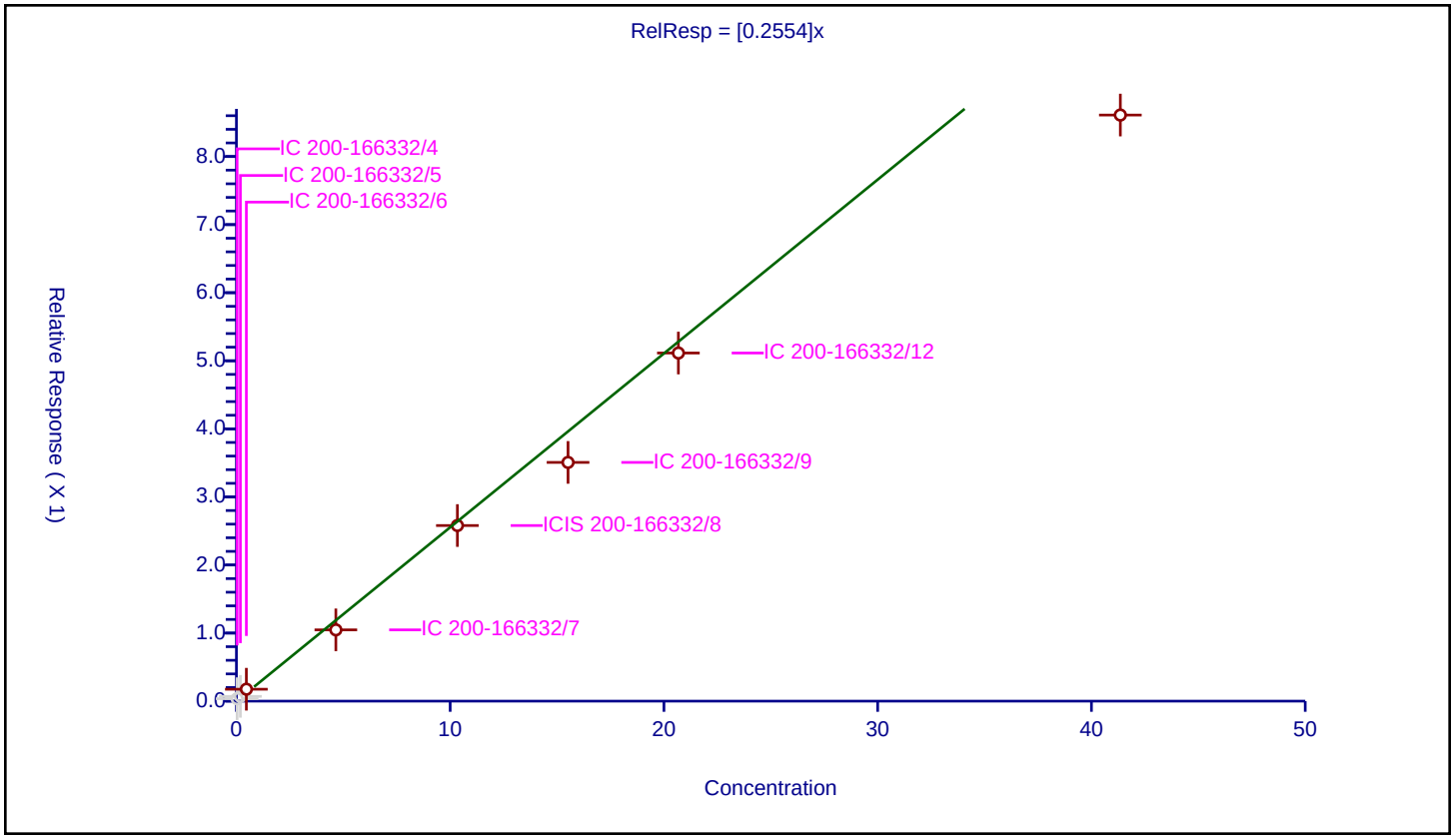
Curve Coefficients

Intercept:	0
Slope:	0.2554

Error Coefficients

Standard Error:	59400
Relative Standard Error:	23.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.920

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033161	0.035986	10.0	113100.0	1.085195	N
2	IC 200-166332/5	0.186529	0.069892	10.0	114176.0	0.374698	N
3	IC 200-166332/6	0.465721	0.175123	10.0	111236.0	0.376026	Y
4	IC 200-166332/7	4.652097	1.047145	10.0	107244.0	0.225091	Y
5	ICIS 200-166332/8	10.337994	2.579754	10.0	112189.0	0.249541	Y
6	IC 200-166332/9	15.513678	3.506844	10.0	113461.0	0.226049	Y
7	IC 200-166332/12	20.675988	5.113756	10.0	107862.0	0.247328	Y
8	IC 200-166332/13	41.351976	8.609644	10.0	127622.0	0.208204	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

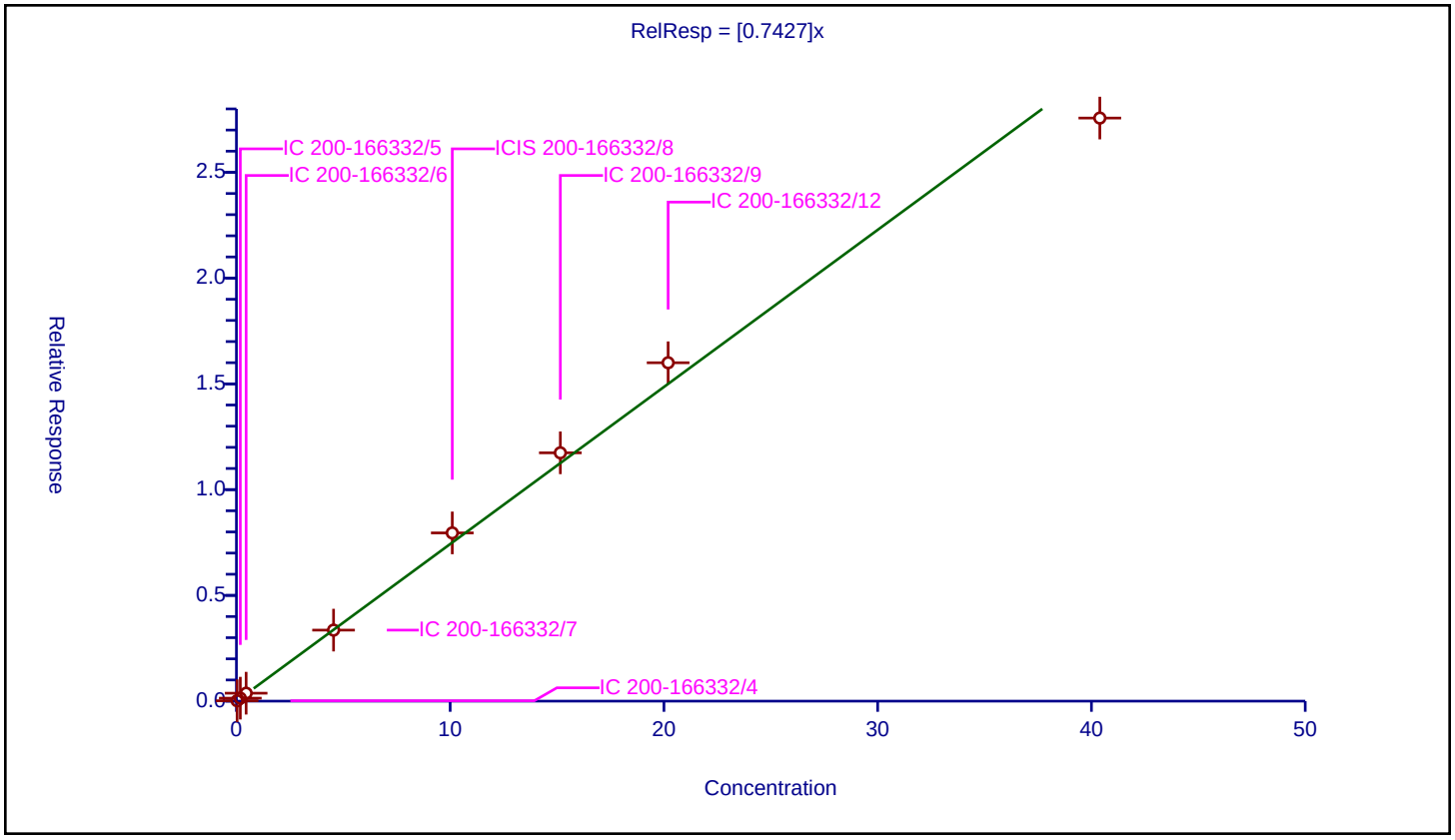
Curve Coefficients

Intercept:	0
Slope:	0.7427

Error Coefficients

Standard Error:	161000
Relative Standard Error:	11.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032391	0.018479	10.0	113100.0	0.570504	Y
2	IC 200-166332/5	0.1822	0.140222	10.0	114176.0	0.769607	Y
3	IC 200-166332/6	0.454911	0.375508	10.0	111236.0	0.825453	Y
4	IC 200-166332/7	4.544118	3.357857	10.0	107244.0	0.738946	Y
5	ICIS 200-166332/8	10.09804	7.953097	10.0	112189.0	0.787588	Y
6	IC 200-166332/9	15.153592	11.739805	10.0	113461.0	0.774721	Y
7	IC 200-166332/12	20.196081	15.998405	10.0	107862.0	0.792154	Y
8	IC 200-166332/13	40.392162	27.567191	10.0	127622.0	0.682489	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

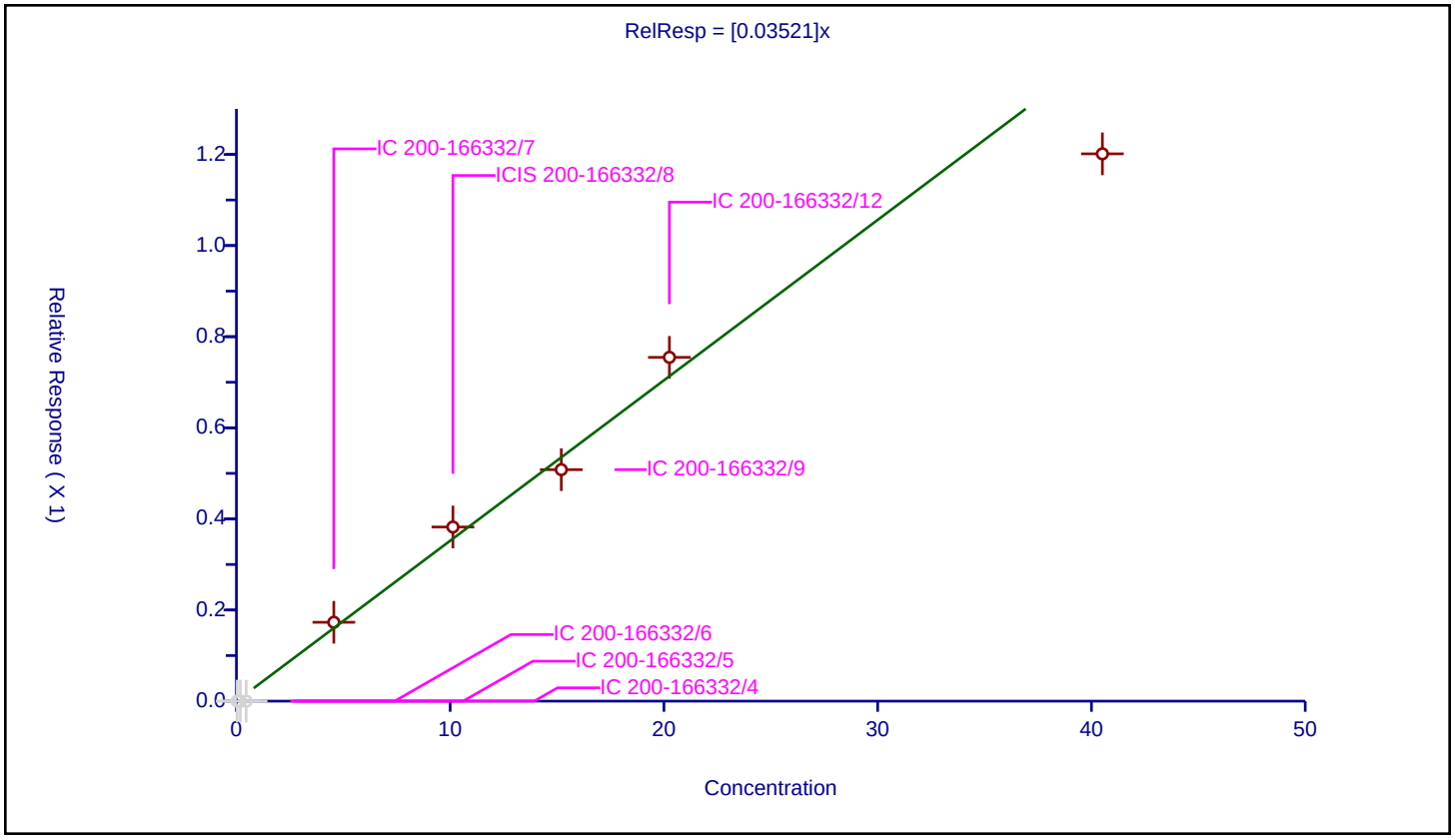
Curve Coefficients

Intercept:	0
Slope:	0.03521

Error Coefficients

Standard Error:	9440
Relative Standard Error:	10.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032487	0.0	10.0	113100.0	0.0	N
2	IC 200-166332/5	0.182741	0.0	10.0	114176.0	0.0	N
3	IC 200-166332/6	0.456263	0.0	10.0	111236.0	0.0	N
4	IC 200-166332/7	4.557616	0.173063	10.0	107244.0	0.037972	Y
5	ICIS 200-166332/8	10.128035	0.382212	10.0	112189.0	0.037738	Y
6	IC 200-166332/9	15.198603	0.508104	10.0	113461.0	0.033431	Y
7	IC 200-166332/12	20.256069	0.754575	10.0	107862.0	0.037252	Y
8	IC 200-166332/13	40.512139	1.20136	10.0	127622.0	0.029654	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

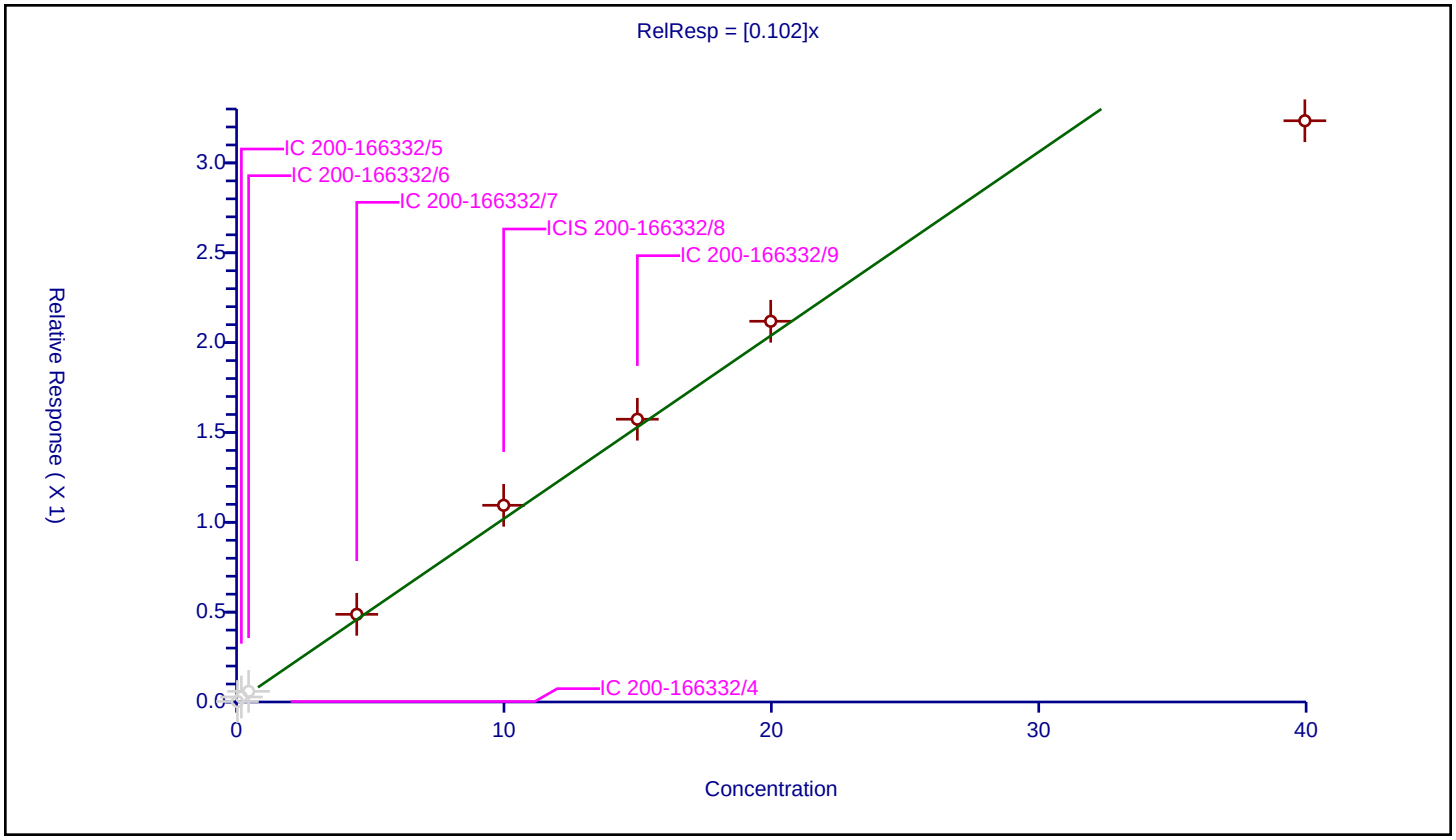
Curve Coefficients

Intercept:	0
Slope:	0.102

Error Coefficients

Standard Error:	152000
Relative Standard Error:	11.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032038	0.002617	10.0	599914.0	0.081685	N
2	IC 200-166332/5	0.180215	0.027731	10.0	617731.0	0.153874	N
3	IC 200-166332/6	0.449957	0.059126	10.0	576563.0	0.131404	N
4	IC 200-166332/7	4.494628	0.487923	10.0	581670.0	0.108557	Y
5	ICIS 200-166332/8	9.988062	1.094662	10.0	622676.0	0.109597	Y
6	IC 200-166332/9	14.988553	1.573593	10.0	609681.0	0.104986	Y
7	IC 200-166332/12	19.976124	2.118792	10.0	592399.0	0.106066	Y
8	IC 200-166332/13	39.952247	3.234723	10.0	772060.0	0.080965	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

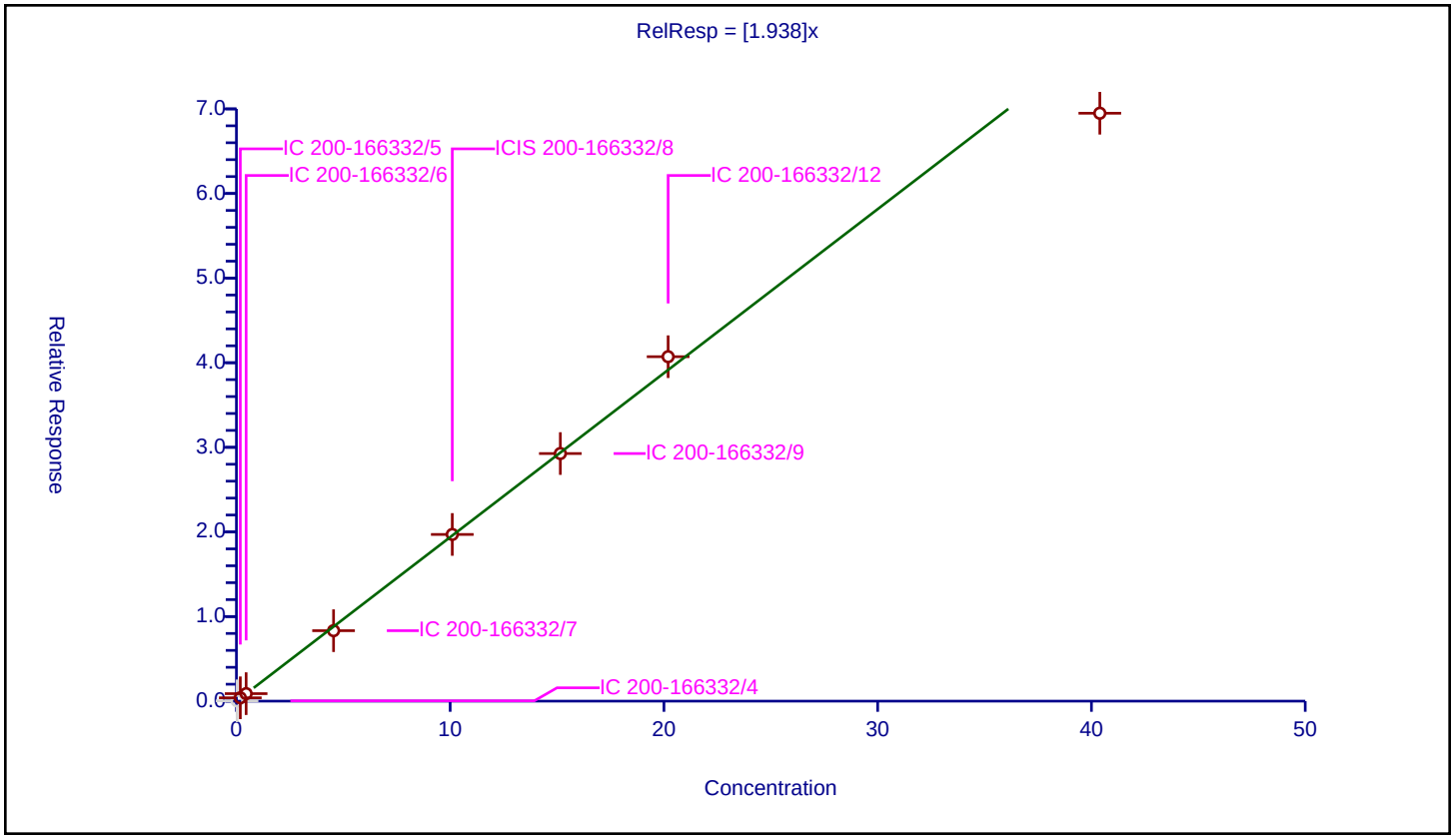
Curve Coefficients

Intercept:	0
Slope:	1.938

Error Coefficients

Standard Error:	437000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032391	0.036958	10.0	113100.0	1.141008	N
2	IC 200-166332/5	0.1822	0.395092	10.0	114176.0	2.168455	Y
3	IC 200-166332/6	0.454911	0.886853	10.0	111236.0	1.949507	Y
4	IC 200-166332/7	4.544118	8.328112	10.0	107244.0	1.832723	Y
5	ICIS 200-166332/8	10.09804	19.701308	10.0	112189.0	1.951003	Y
6	IC 200-166332/9	15.153592	29.264152	10.0	113461.0	1.931169	Y
7	IC 200-166332/12	20.196081	40.711001	10.0	107862.0	2.015787	Y
8	IC 200-166332/13	40.392162	69.487236	10.0	127622.0	1.720315	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

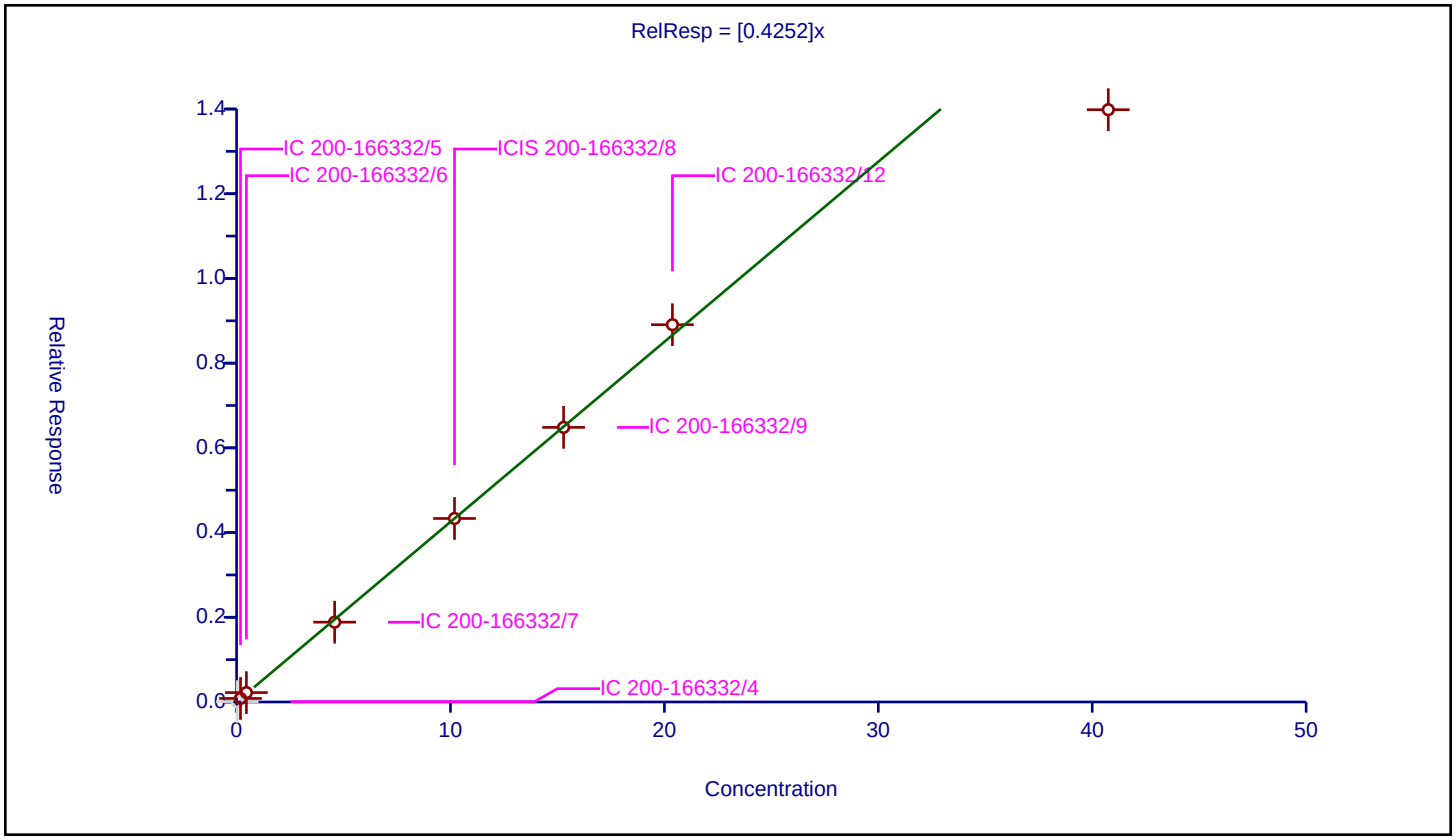
Curve Coefficients

Intercept:	0
Slope:	0.4252

Error Coefficients

Standard Error:	530000
Relative Standard Error:	10.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.03268	0.008368	10.0	599914.0	0.256057	N
2	IC 200-166332/5	0.183823	0.083175	10.0	617731.0	0.452475	Y
3	IC 200-166332/6	0.458965	0.221745	10.0	576563.0	0.483141	Y
4	IC 200-166332/7	4.58461	1.884488	10.0	581670.0	0.411046	Y
5	ICIS 200-166332/8	10.188023	4.332863	10.0	622676.0	0.42529	Y
6	IC 200-166332/9	15.288624	6.48339	10.0	609681.0	0.424066	Y
7	IC 200-166332/12	20.376046	8.907763	10.0	592399.0	0.437168	Y
8	IC 200-166332/13	40.752092	13.983395	10.0	772060.0	0.343133	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

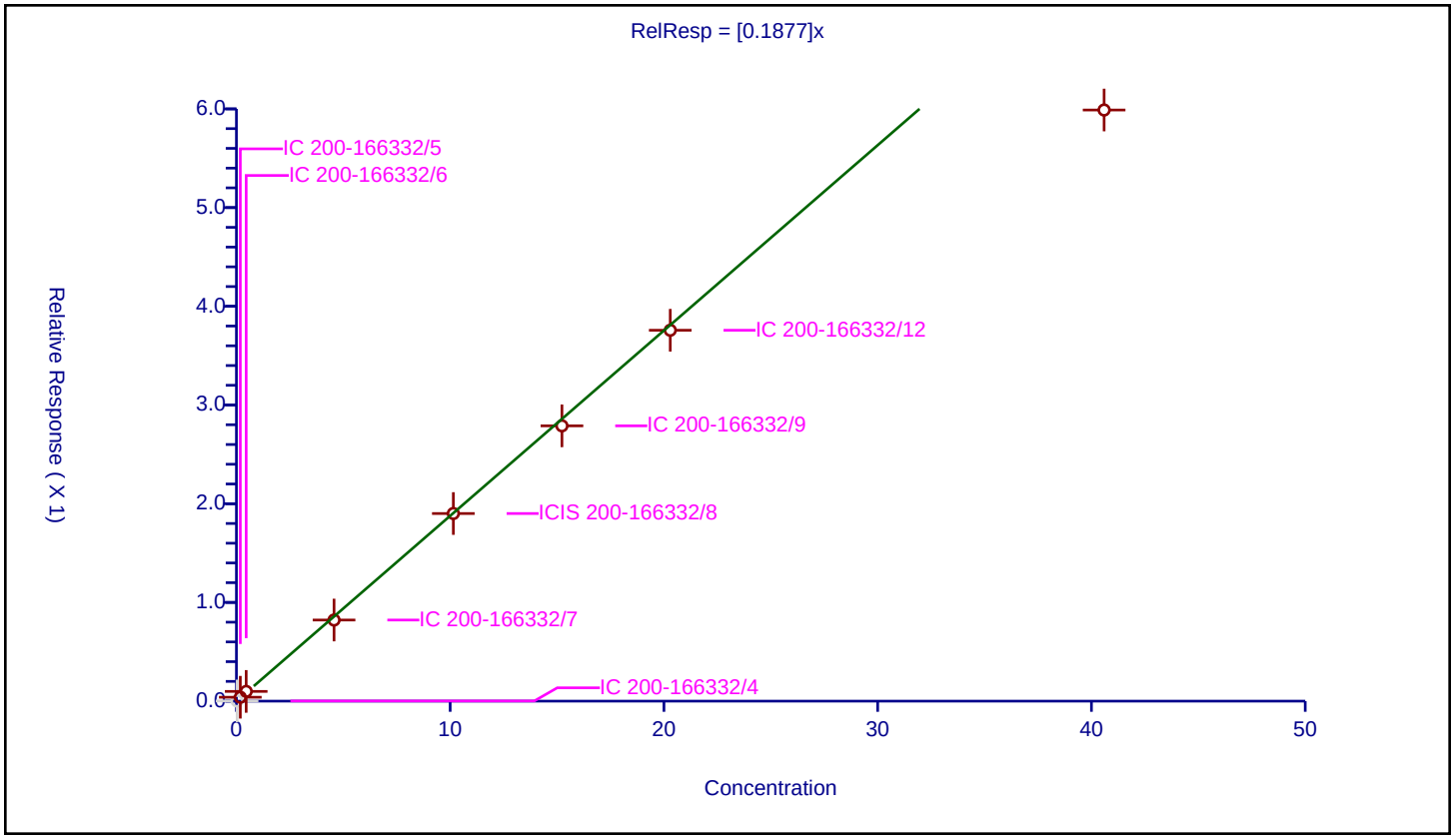
Curve Coefficients

Intercept:	0
Slope:	0.1877

Error Coefficients

Standard Error:	227000
Relative Standard Error:	12.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032551	0.00185	10.0	599914.0	0.056841	N
2	IC 200-166332/5	0.183102	0.039451	10.0	617731.0	0.215459	Y
3	IC 200-166332/6	0.457163	0.098602	10.0	576563.0	0.215681	Y
4	IC 200-166332/7	4.566614	0.821703	10.0	581670.0	0.179937	Y
5	ICIS 200-166332/8	10.148031	1.900796	10.0	622676.0	0.187307	Y
6	IC 200-166332/9	15.22861	2.789065	10.0	609681.0	0.183146	Y
7	IC 200-166332/12	20.296062	3.757603	10.0	592399.0	0.185139	Y
8	IC 200-166332/13	40.592123	5.988706	10.0	772060.0	0.147534	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

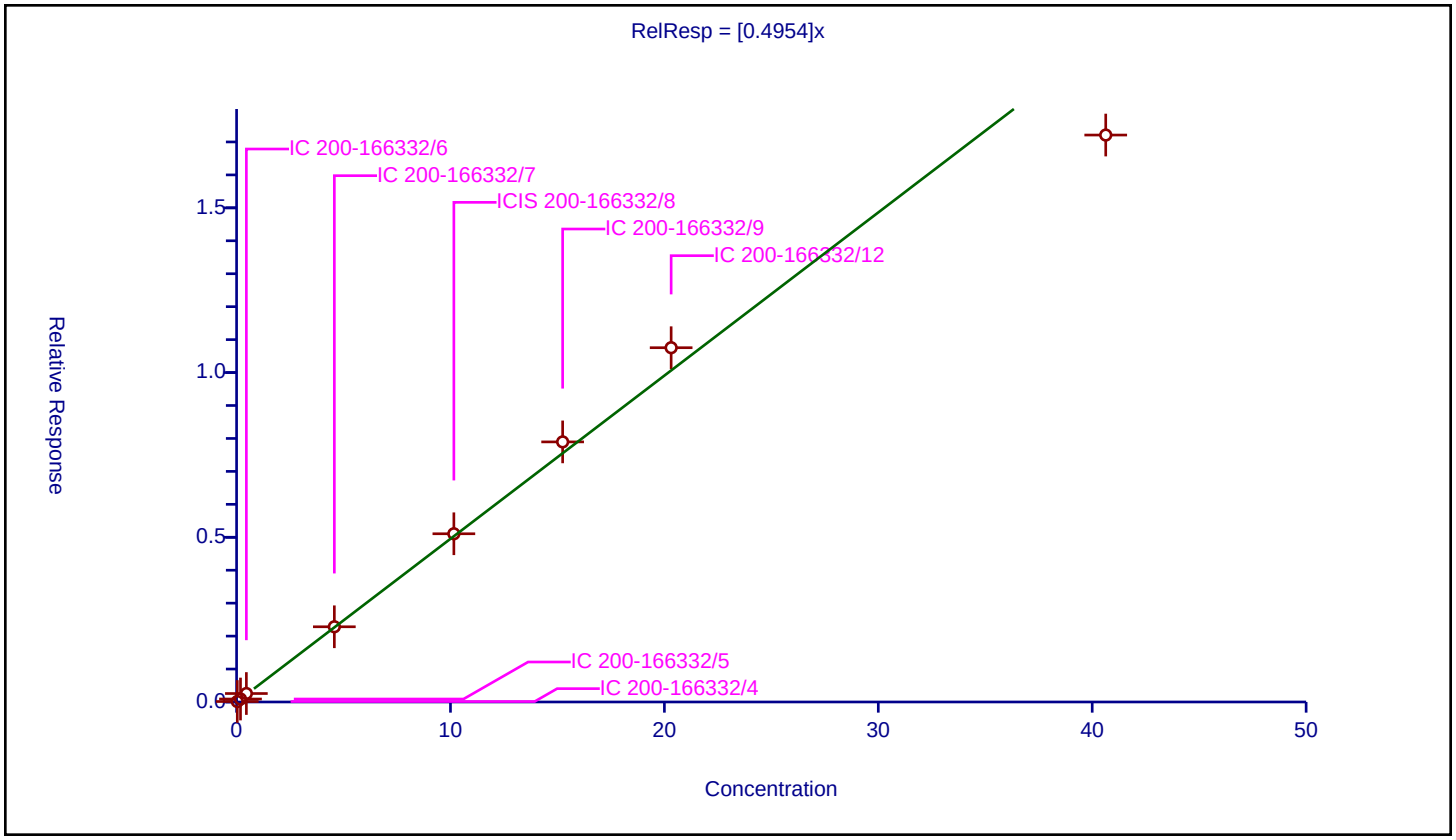
Curve Coefficients

Intercept:	0
Slope:	0.4954

Error Coefficients

Standard Error:	600000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032583	0.014152	10.0	599914.0	0.434332	Y
2	IC 200-166332/5	0.183282	0.090525	10.0	617731.0	0.49391	Y
3	IC 200-166332/6	0.457614	0.256971	10.0	576563.0	0.561546	Y
4	IC 200-166332/7	4.571113	2.283357	10.0	581670.0	0.499519	Y
5	ICIS 200-166332/8	10.158029	5.106412	10.0	622676.0	0.502697	Y
6	IC 200-166332/9	15.243614	7.894998	10.0	609681.0	0.517922	Y
7	IC 200-166332/12	20.316058	10.75412	10.0	592399.0	0.529341	Y
8	IC 200-166332/13	40.632115	17.209789	10.0	772060.0	0.423551	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

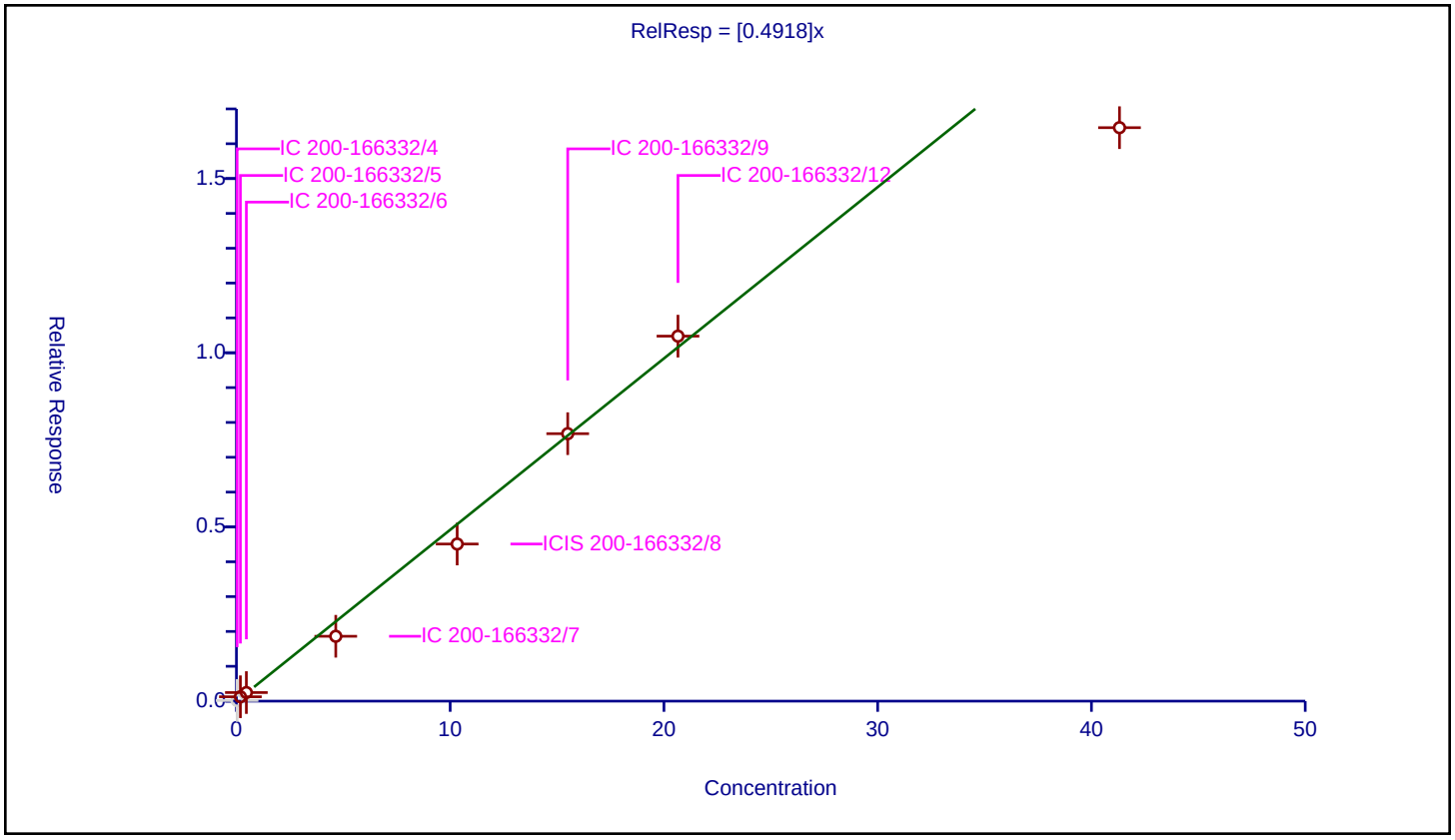
Curve Coefficients

Intercept:	0
Slope:	0.4918

Error Coefficients

Standard Error:	621000
Relative Standard Error:	19.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.946

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033129	0.018253	10.0	599914.0	0.550961	N
2	IC 200-166332/5	0.186349	0.125556	10.0	617731.0	0.67377	Y
3	IC 200-166332/6	0.465271	0.246894	10.0	576563.0	0.530646	Y
4	IC 200-166332/7	4.647598	1.861709	10.0	581670.0	0.400574	Y
5	ICIS 200-166332/8	10.327996	4.510323	10.0	622676.0	0.436708	Y
6	IC 200-166332/9	15.498674	7.677572	10.0	609681.0	0.49537	Y
7	IC 200-166332/12	20.655992	10.476891	10.0	592399.0	0.507208	Y
8	IC 200-166332/13	41.311983	16.461208	10.0	772060.0	0.398461	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

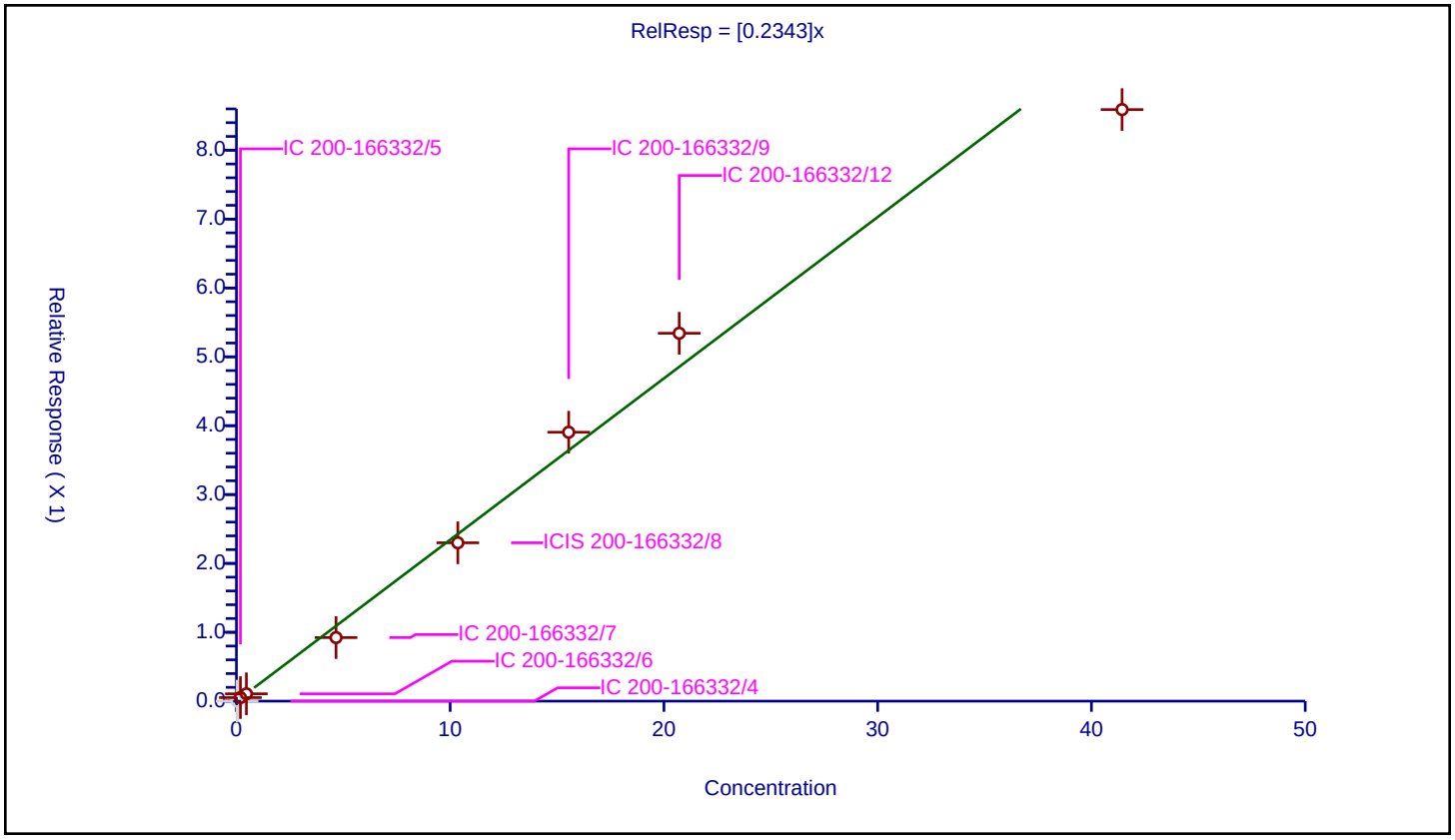
Curve Coefficients

Intercept:	0
Slope:	0.2343

Error Coefficients

Standard Error:	321000
Relative Standard Error:	12.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033225	0.0	10.0	599914.0	0.0	N
2	IC 200-166332/5	0.18689	0.051479	10.0	617731.0	0.275449	Y
3	IC 200-166332/6	0.466622	0.106563	10.0	576563.0	0.22837	Y
4	IC 200-166332/7	4.661096	0.923084	10.0	581670.0	0.19804	Y
5	ICIS 200-166332/8	10.35799	2.299237	10.0	622676.0	0.221977	Y
6	IC 200-166332/9	15.543685	3.904993	10.0	609681.0	0.251227	Y
7	IC 200-166332/12	20.71598	5.342075	10.0	592399.0	0.257872	Y
8	IC 200-166332/13	41.43196	8.590071	10.0	772060.0	0.20733	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

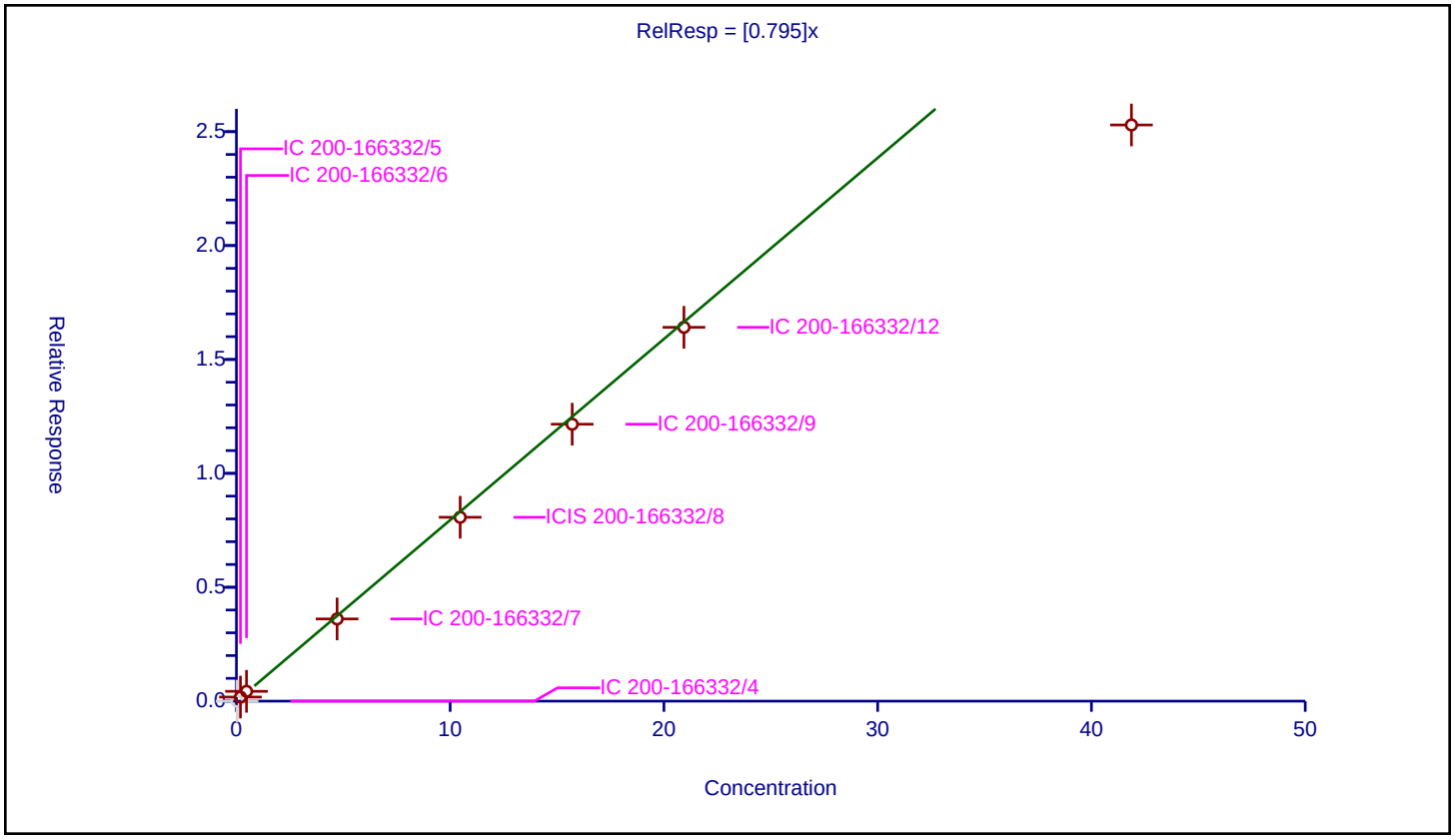
Curve Coefficients

Intercept:	0
Slope:	0.795

Error Coefficients

Standard Error:	967000
Relative Standard Error:	14.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033578	0.0	10.0	599914.0	0.0	N
2	IC 200-166332/5	0.188874	0.179609	10.0	617731.0	0.950944	Y
3	IC 200-166332/6	0.471576	0.431384	10.0	576563.0	0.91477	Y
4	IC 200-166332/7	4.710586	3.608954	10.0	581670.0	0.766137	Y
5	ICIS 200-166332/8	10.467969	8.071758	10.0	622676.0	0.771091	Y
6	IC 200-166332/9	15.708724	12.156849	10.0	609681.0	0.773892	Y
7	IC 200-166332/12	20.935937	16.411405	10.0	592399.0	0.783887	Y
8	IC 200-166332/13	41.871875	25.294226	10.0	772060.0	0.604086	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

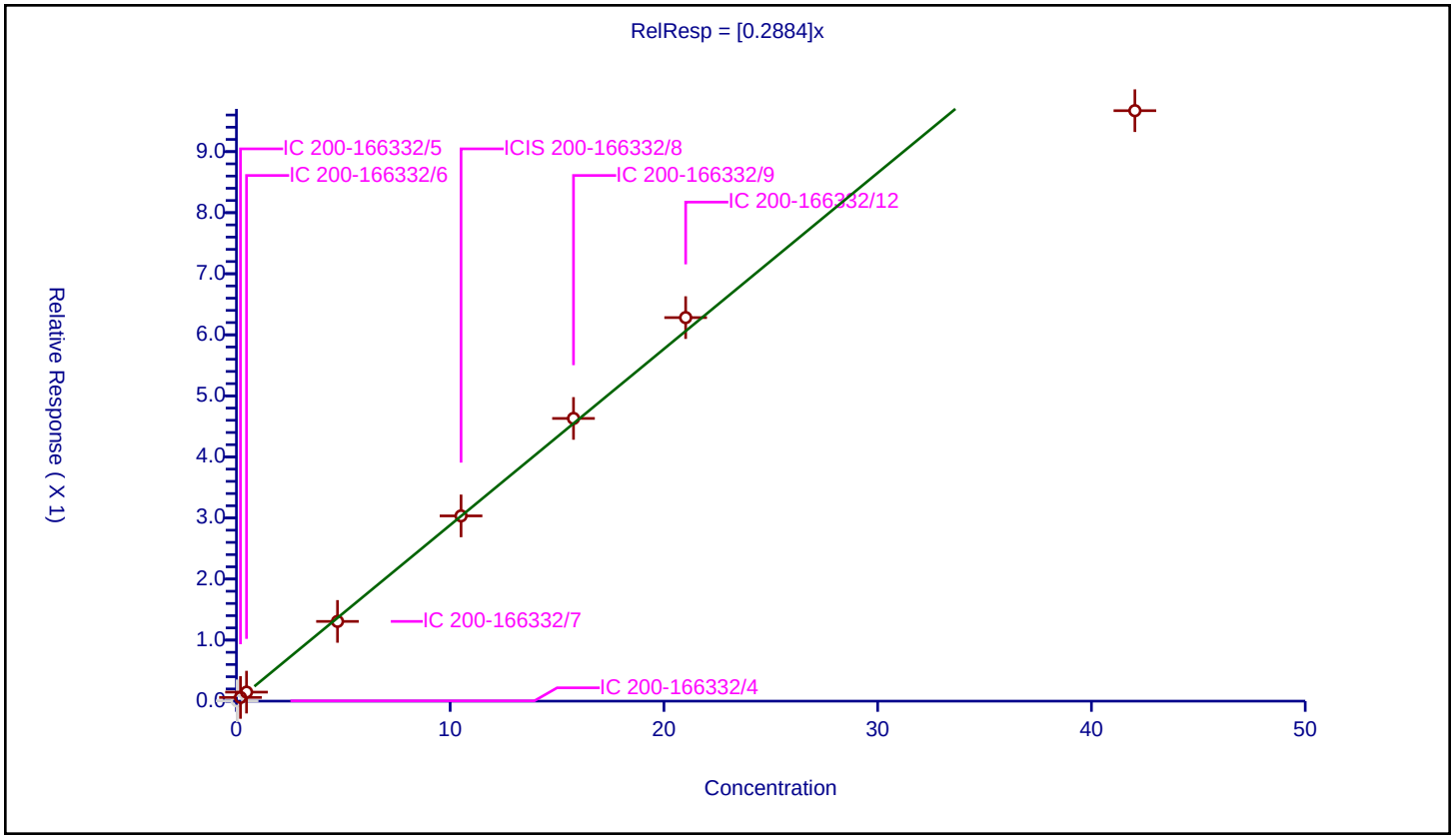
Curve Coefficients

Intercept:	0
Slope:	0.2884

Error Coefficients

Standard Error:	369000
Relative Standard Error:	10.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033706	0.004717	10.0	599914.0	0.139956	N
2	IC 200-166332/5	0.189596	0.060544	10.0	617731.0	0.319333	Y
3	IC 200-166332/6	0.473378	0.147633	10.0	576563.0	0.311872	Y
4	IC 200-166332/7	4.728582	1.305895	10.0	581670.0	0.276171	Y
5	ICIS 200-166332/8	10.507961	3.034243	10.0	622676.0	0.288757	Y
6	IC 200-166332/9	15.768738	4.630438	10.0	609681.0	0.293647	Y
7	IC 200-166332/12	21.015922	6.281662	10.0	592399.0	0.2989	Y
8	IC 200-166332/13	42.031844	9.67057	10.0	772060.0	0.230077	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

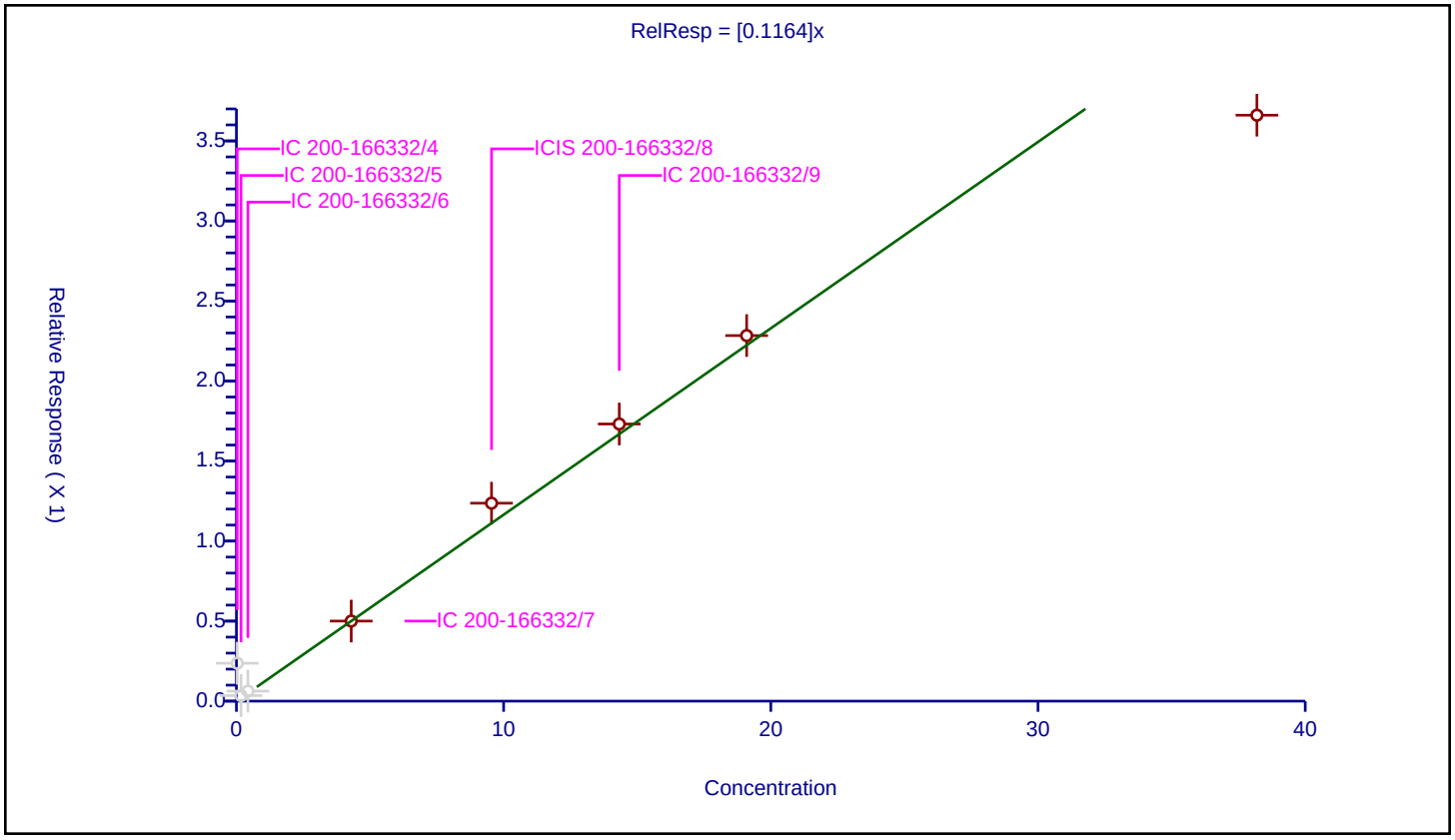
Curve Coefficients

Intercept:	0
Slope:	0.1164

Error Coefficients

Standard Error:	170000
Relative Standard Error:	10.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.030627	0.236901	10.0	599914.0	7.73498	N
2	IC 200-166332/5	0.172278	0.034999	10.0	617731.0	0.203155	N
3	IC 200-166332/6	0.430139	0.062595	10.0	576563.0	0.145523	N
4	IC 200-166332/7	4.296666	0.500318	10.0	581670.0	0.116443	Y
5	ICIS 200-166332/8	9.548147	1.236711	10.0	622676.0	0.129524	Y
6	IC 200-166332/9	14.328397	1.731463	10.0	609681.0	0.120841	Y
7	IC 200-166332/12	19.096294	2.283765	10.0	592399.0	0.119592	Y
8	IC 200-166332/13	38.192589	3.660726	10.0	772060.0	0.095849	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

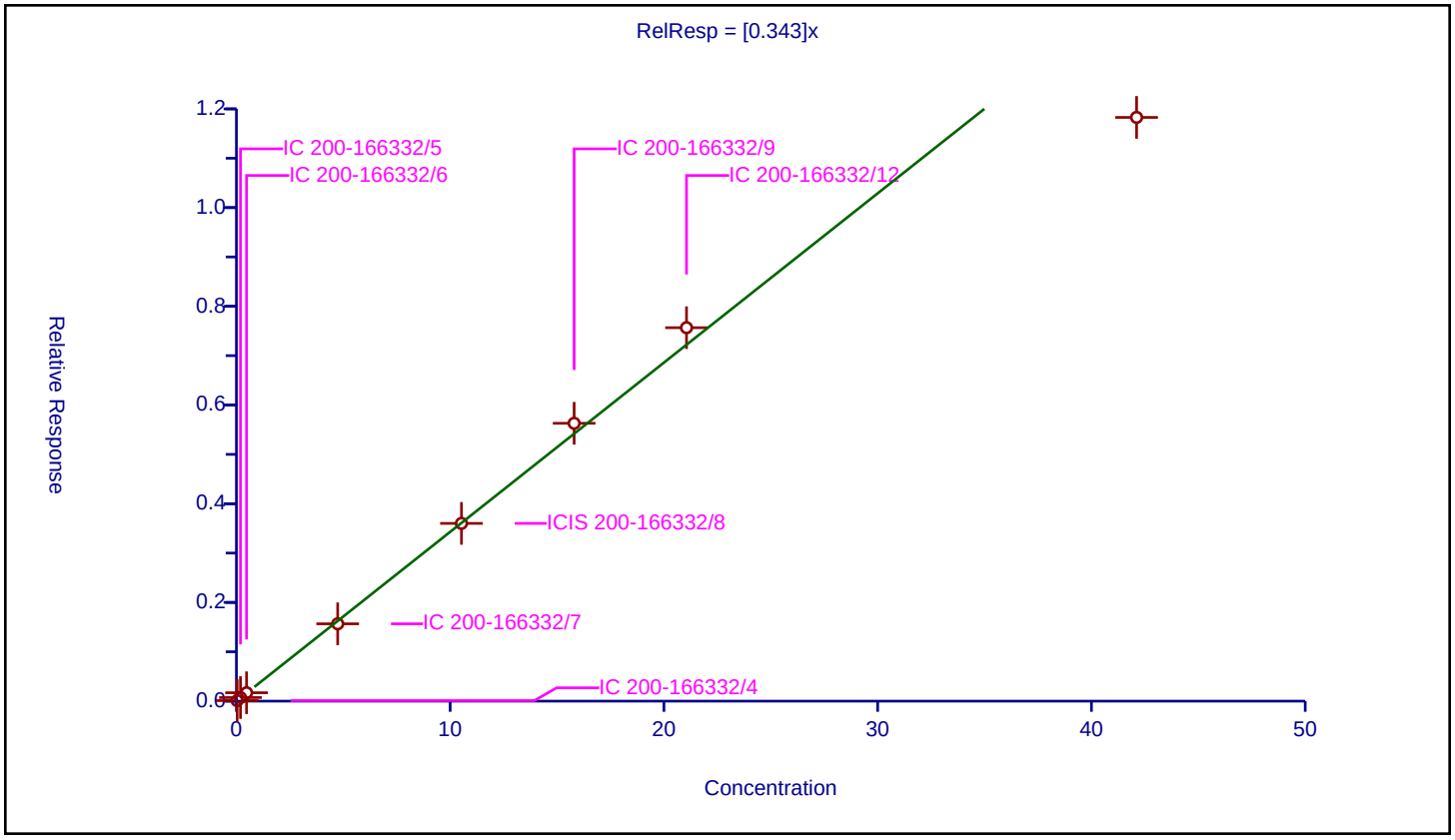
Curve Coefficients

Intercept:	0
Slope:	0.343

Error Coefficients

Standard Error:	416000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.03377	0.011285	10.0	599914.0	0.33417	Y
2	IC 200-166332/5	0.189957	0.072507	10.0	617731.0	0.381704	Y
3	IC 200-166332/6	0.474279	0.170007	10.0	576563.0	0.358455	Y
4	IC 200-166332/7	4.737581	1.566644	10.0	581670.0	0.330684	Y
5	ICIS 200-166332/8	10.527957	3.6016	10.0	622676.0	0.342099	Y
6	IC 200-166332/9	15.798745	5.629911	10.0	609681.0	0.356352	Y
7	IC 200-166332/12	21.055914	7.566573	10.0	592399.0	0.359356	Y
8	IC 200-166332/13	42.111828	11.827475	10.0	772060.0	0.280859	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

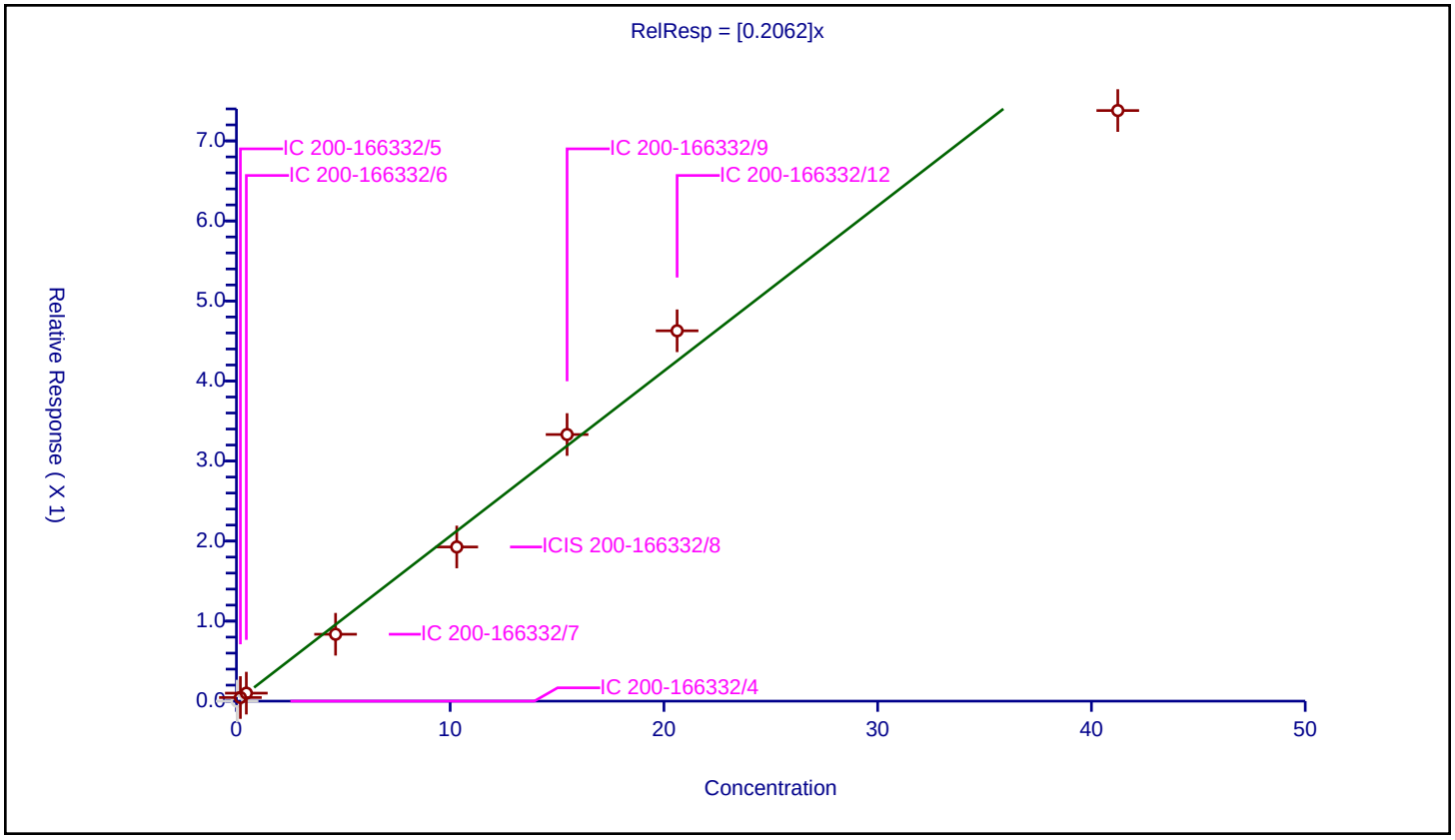
Curve Coefficients

Intercept:	0
Slope:	0.2062

Error Coefficients

Standard Error:	276000
Relative Standard Error:	11.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033065	0.0	10.0	599914.0	0.0	N
2	IC 200-166332/5	0.185988	0.045165	10.0	617731.0	0.24284	Y
3	IC 200-166332/6	0.46437	0.09985	10.0	576563.0	0.215023	Y
4	IC 200-166332/7	4.6386	0.835628	10.0	581670.0	0.180147	Y
5	ICIS 200-166332/8	10.308	1.926395	10.0	622676.0	0.186884	Y
6	IC 200-166332/9	15.468667	3.331464	10.0	609681.0	0.215368	Y
7	IC 200-166332/12	20.615999	4.627489	10.0	592399.0	0.224461	Y
8	IC 200-166332/13	41.231999	7.379414	10.0	772060.0	0.178973	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

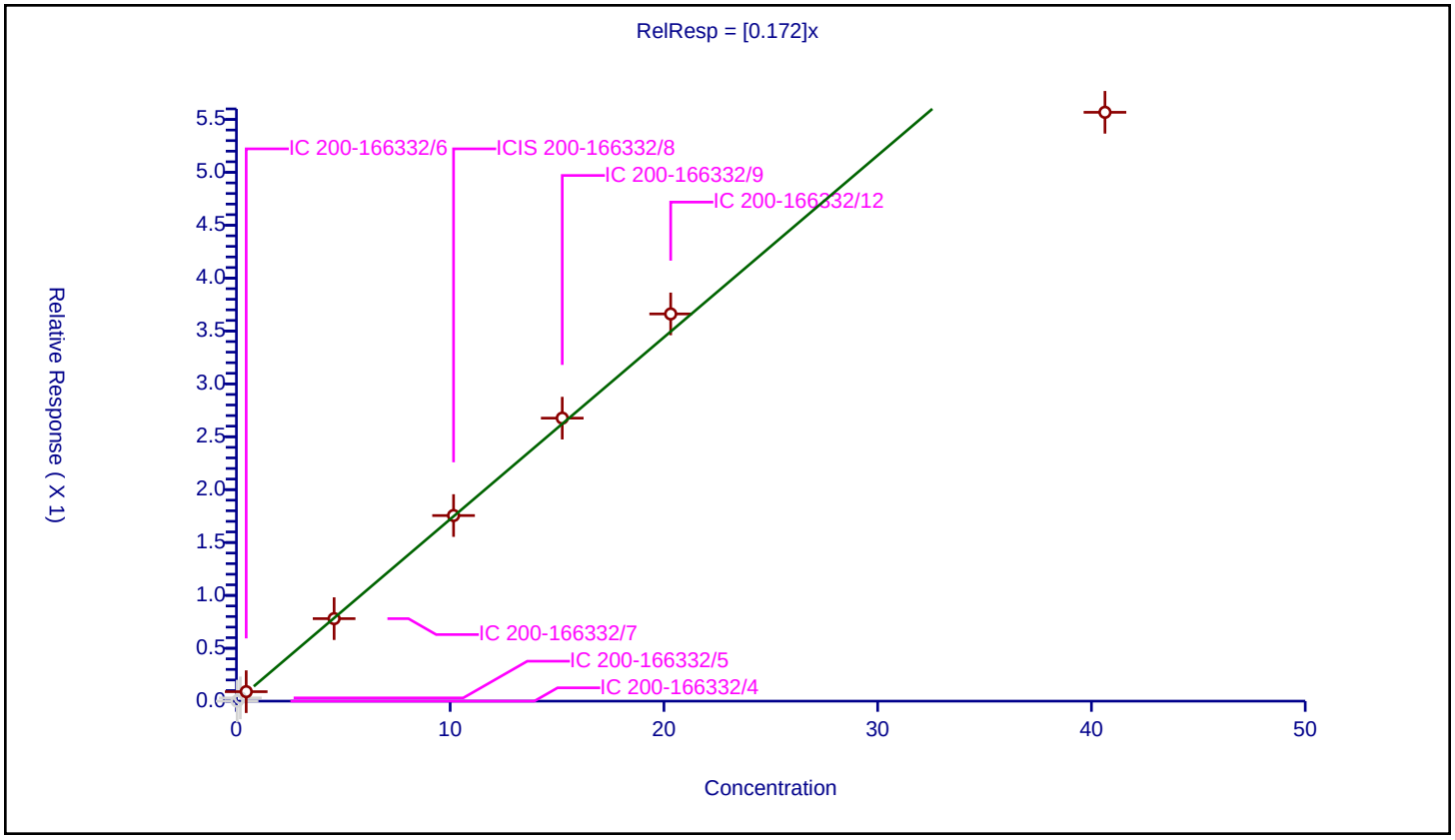
Curve Coefficients

Intercept:	0
Slope:	0.172

Error Coefficients

Standard Error:	233000
Relative Standard Error:	11.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032583	0.0	10.0	599914.0	0.0	N
2	IC 200-166332/5	0.183282	0.03058	10.0	617731.0	0.166845	N
3	IC 200-166332/6	0.457614	0.089617	10.0	576563.0	0.195836	Y
4	IC 200-166332/7	4.571113	0.78003	10.0	581670.0	0.170643	Y
5	ICIS 200-166332/8	10.158029	1.755006	10.0	622676.0	0.17277	Y
6	IC 200-166332/9	15.243614	2.675908	10.0	609681.0	0.175543	Y
7	IC 200-166332/12	20.316058	3.661468	10.0	592399.0	0.180225	Y
8	IC 200-166332/13	40.632115	5.567883	10.0	772060.0	0.137032	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

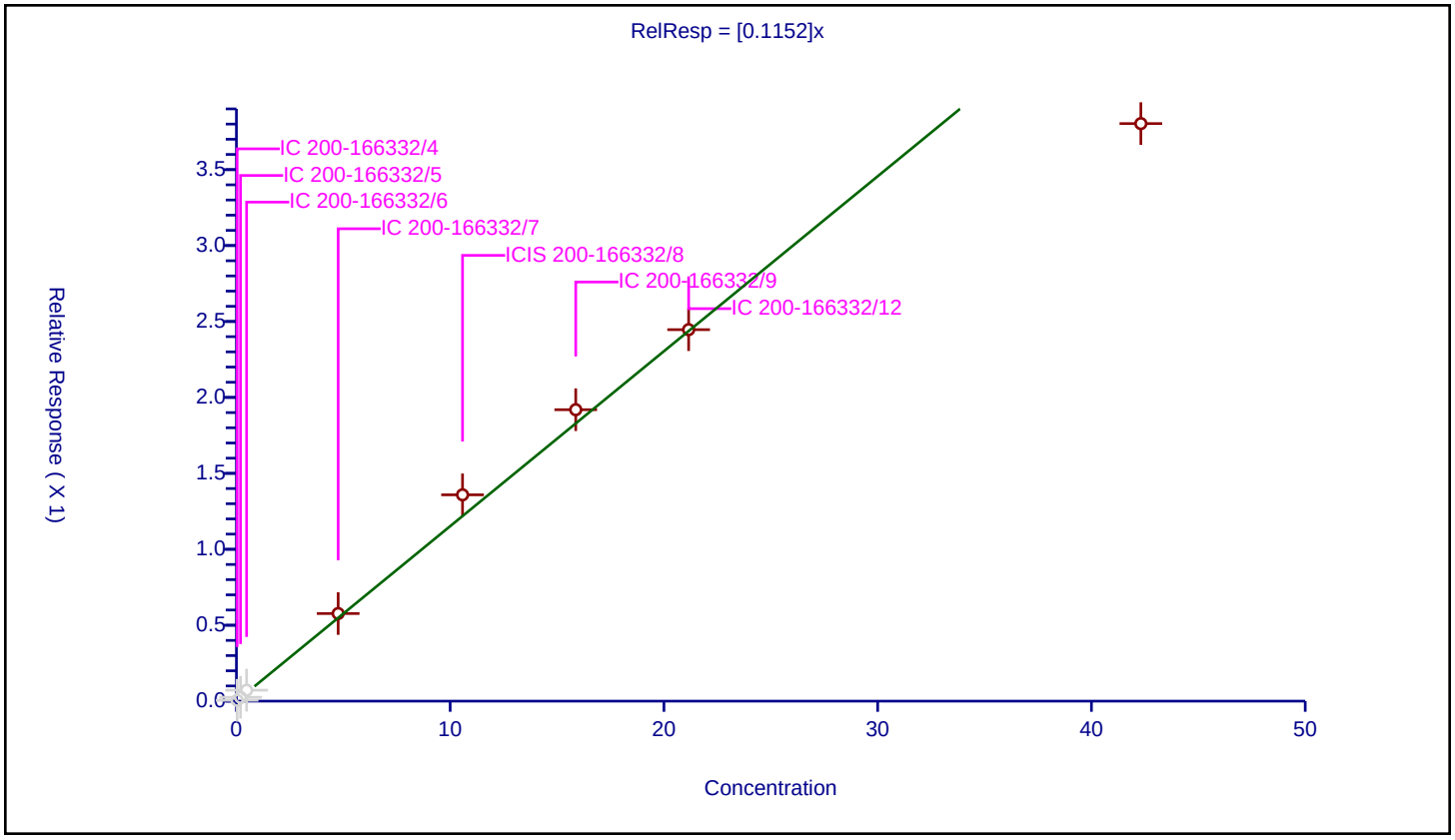
Curve Coefficients

Intercept:	0
Slope:	0.1152

Error Coefficients

Standard Error:	180000
Relative Standard Error:	12.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.03393	0.005517	10.0	599914.0	0.162611	N
2	IC 200-166332/5	0.190859	0.025286	10.0	617731.0	0.132486	N
3	IC 200-166332/6	0.476531	0.072134	10.0	576563.0	0.151374	N
4	IC 200-166332/7	4.760076	0.576925	10.0	581670.0	0.121201	Y
5	ICIS 200-166332/8	10.577947	1.358588	10.0	622676.0	0.128436	Y
6	IC 200-166332/9	15.873763	1.919135	10.0	609681.0	0.1209	Y
7	IC 200-166332/12	21.155895	2.446172	10.0	592399.0	0.115626	Y
8	IC 200-166332/13	42.311789	3.80315	10.0	772060.0	0.089884	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

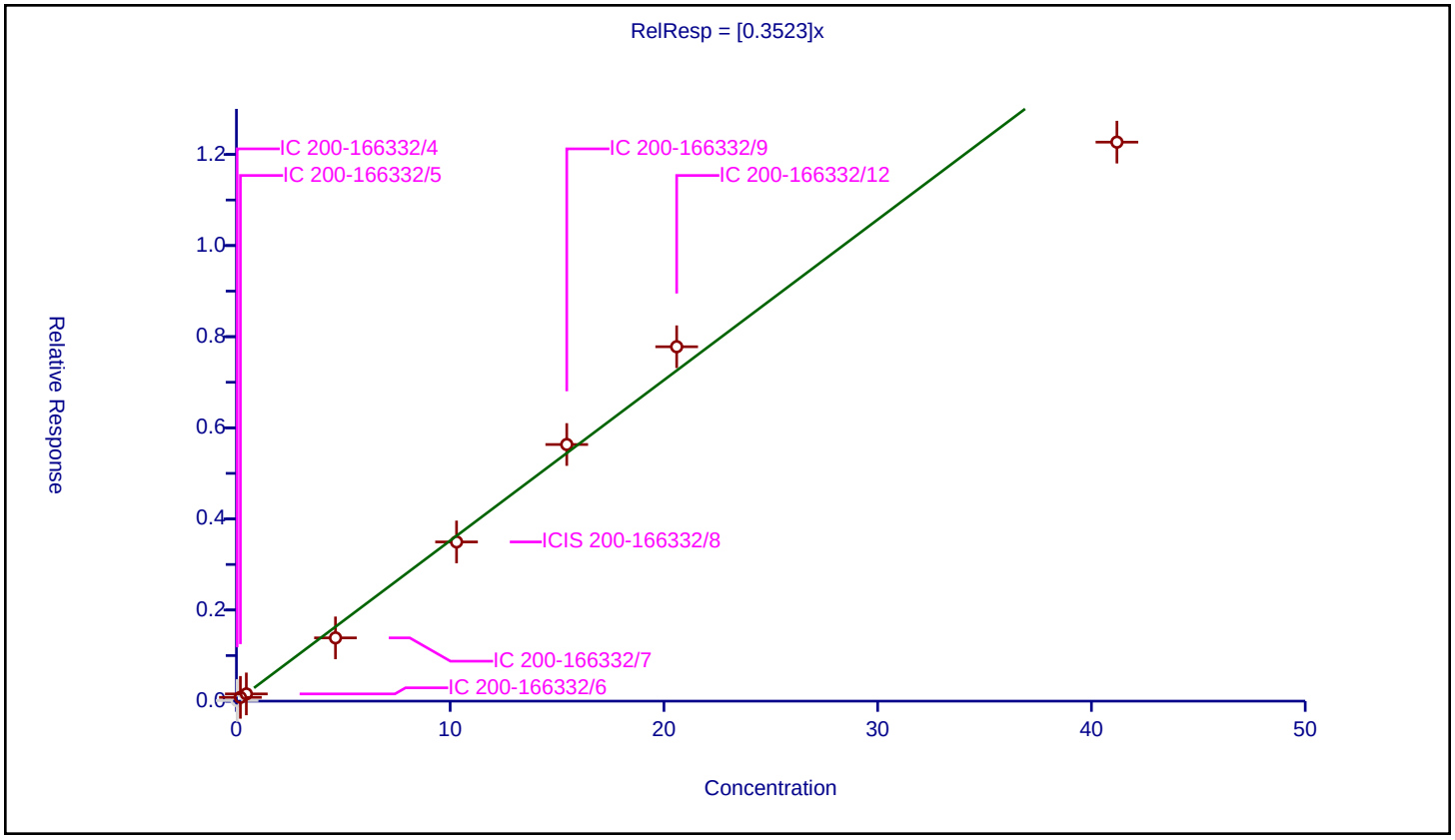
Curve Coefficients

Intercept:	0
Slope:	0.3523

Error Coefficients

Standard Error:	462000
Relative Standard Error:	14.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033032	0.012452	10.0	599914.0	0.376956	N
2	IC 200-166332/5	0.185808	0.082576	10.0	617731.0	0.444419	Y
3	IC 200-166332/6	0.46392	0.159011	10.0	576563.0	0.342756	Y
4	IC 200-166332/7	4.634101	1.388983	10.0	581670.0	0.299731	Y
5	ICIS 200-166332/8	10.298002	3.494691	10.0	622676.0	0.339356	Y
6	IC 200-166332/9	15.453664	5.63329	10.0	609681.0	0.364528	Y
7	IC 200-166332/12	20.596003	7.779537	10.0	592399.0	0.377721	Y
8	IC 200-166332/13	41.192007	12.270406	10.0	772060.0	0.297883	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

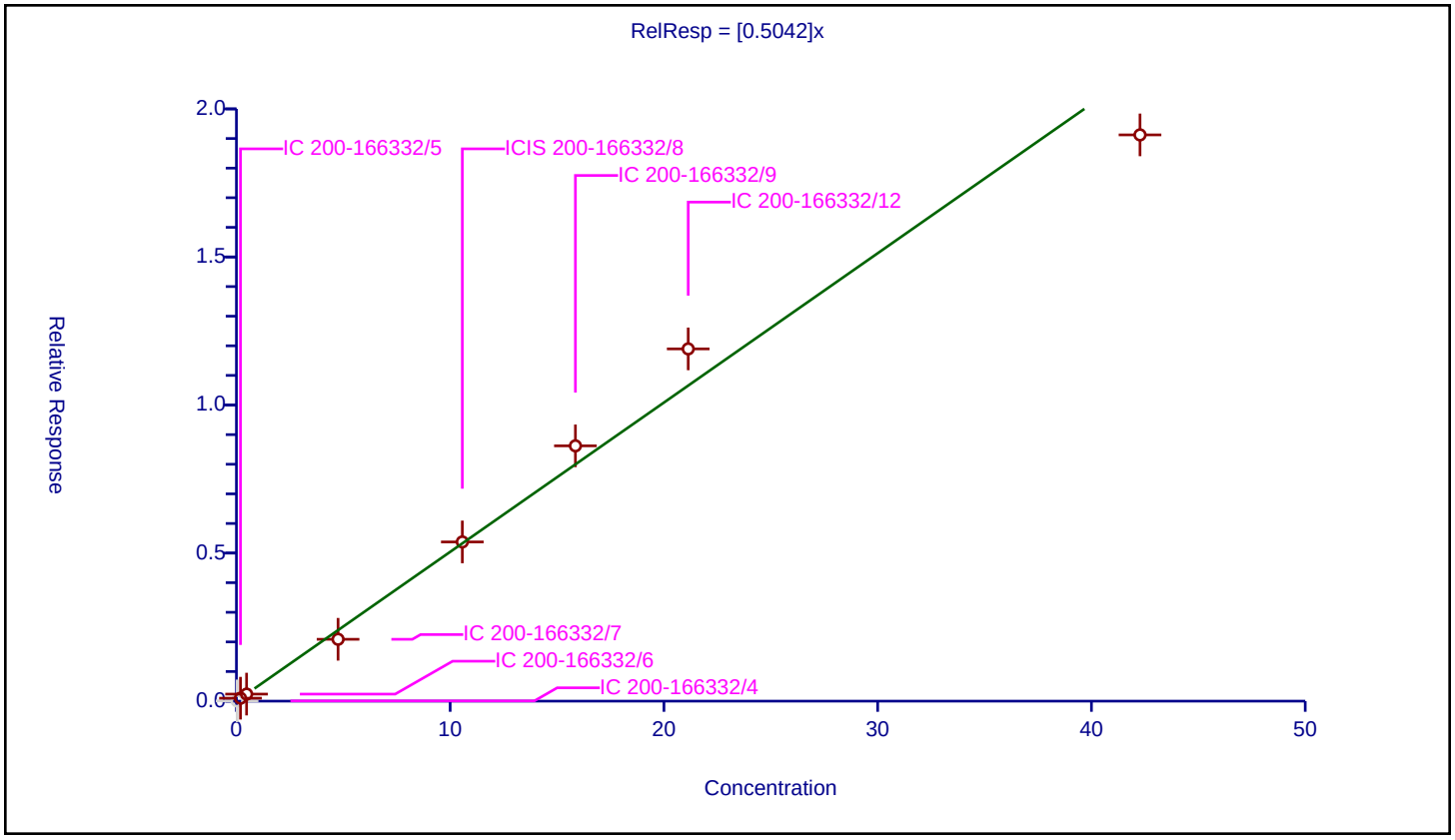
Curve Coefficients

Intercept:	0
Slope:	0.5042

Error Coefficients

Standard Error:	716000
Relative Standard Error:	9.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033898	0.008001	10.0	599914.0	0.236033	N
2	IC 200-166332/5	0.190678	0.099817	10.0	617731.0	0.523483	Y
3	IC 200-166332/6	0.476081	0.237476	10.0	576563.0	0.498815	Y
4	IC 200-166332/7	4.755577	2.089295	10.0	581670.0	0.439336	Y
5	ICIS 200-166332/8	10.567949	5.376295	10.0	622676.0	0.508736	Y
6	IC 200-166332/9	15.85876	8.621541	10.0	609681.0	0.543645	Y
7	IC 200-166332/12	21.135899	11.895327	10.0	592399.0	0.562802	Y
8	IC 200-166332/13	42.271797	19.121804	10.0	772060.0	0.452354	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

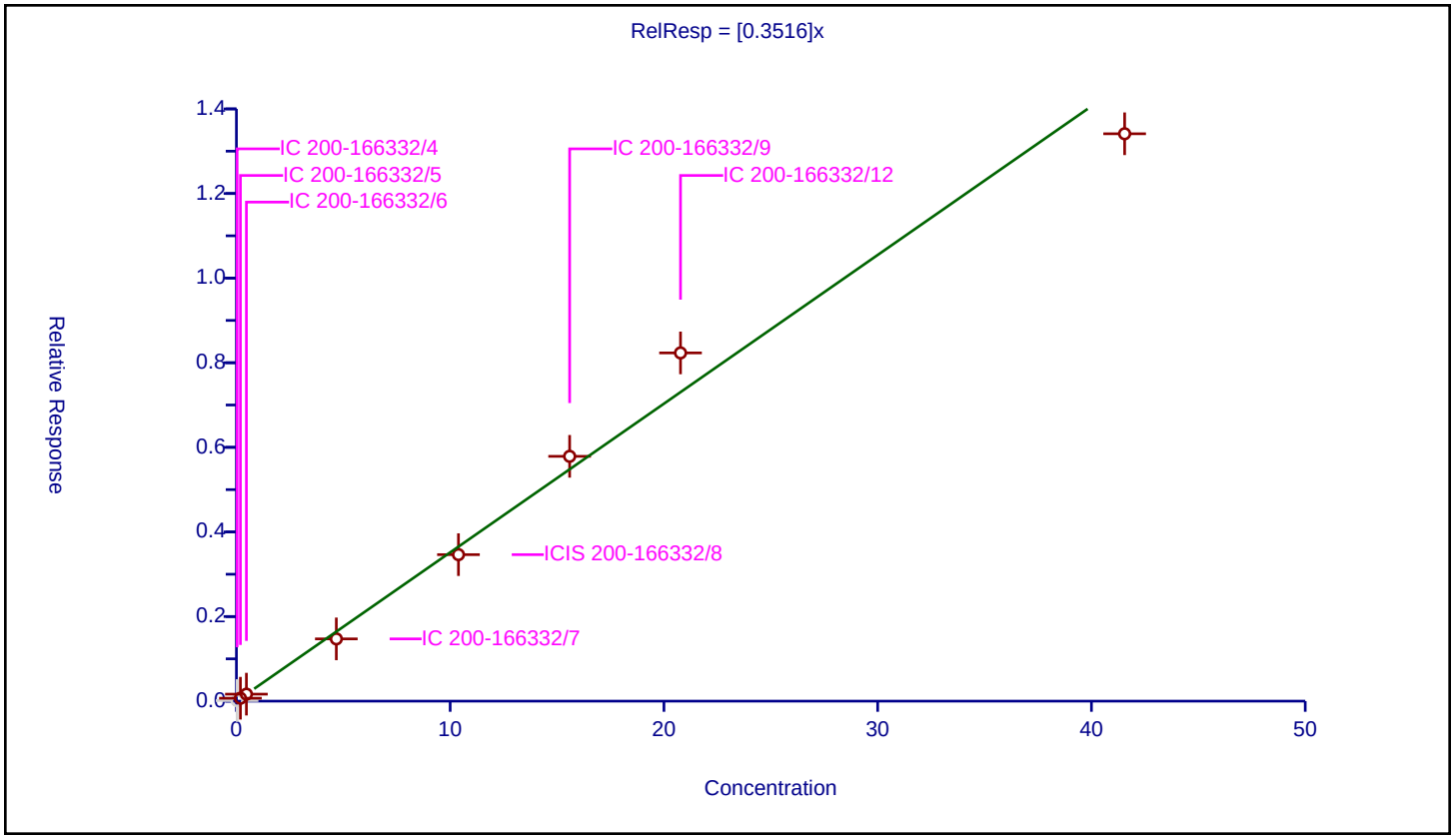
Curve Coefficients

Intercept:	0
Slope:	0.3516

Error Coefficients

Standard Error:	498000
Relative Standard Error:	8.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033321	0.013502	10.0	599914.0	0.405207	N
2	IC 200-166332/5	0.187431	0.069173	10.0	617731.0	0.369056	Y
3	IC 200-166332/6	0.467973	0.165446	10.0	576563.0	0.353537	Y
4	IC 200-166332/7	4.674593	1.471539	10.0	581670.0	0.314795	Y
5	ICIS 200-166332/8	10.387984	3.462957	10.0	622676.0	0.333362	Y
6	IC 200-166332/9	15.588696	5.786895	10.0	609681.0	0.371224	Y
7	IC 200-166332/12	20.775968	8.231361	10.0	592399.0	0.396196	Y
8	IC 200-166332/13	41.551937	13.412144	10.0	772060.0	0.32278	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

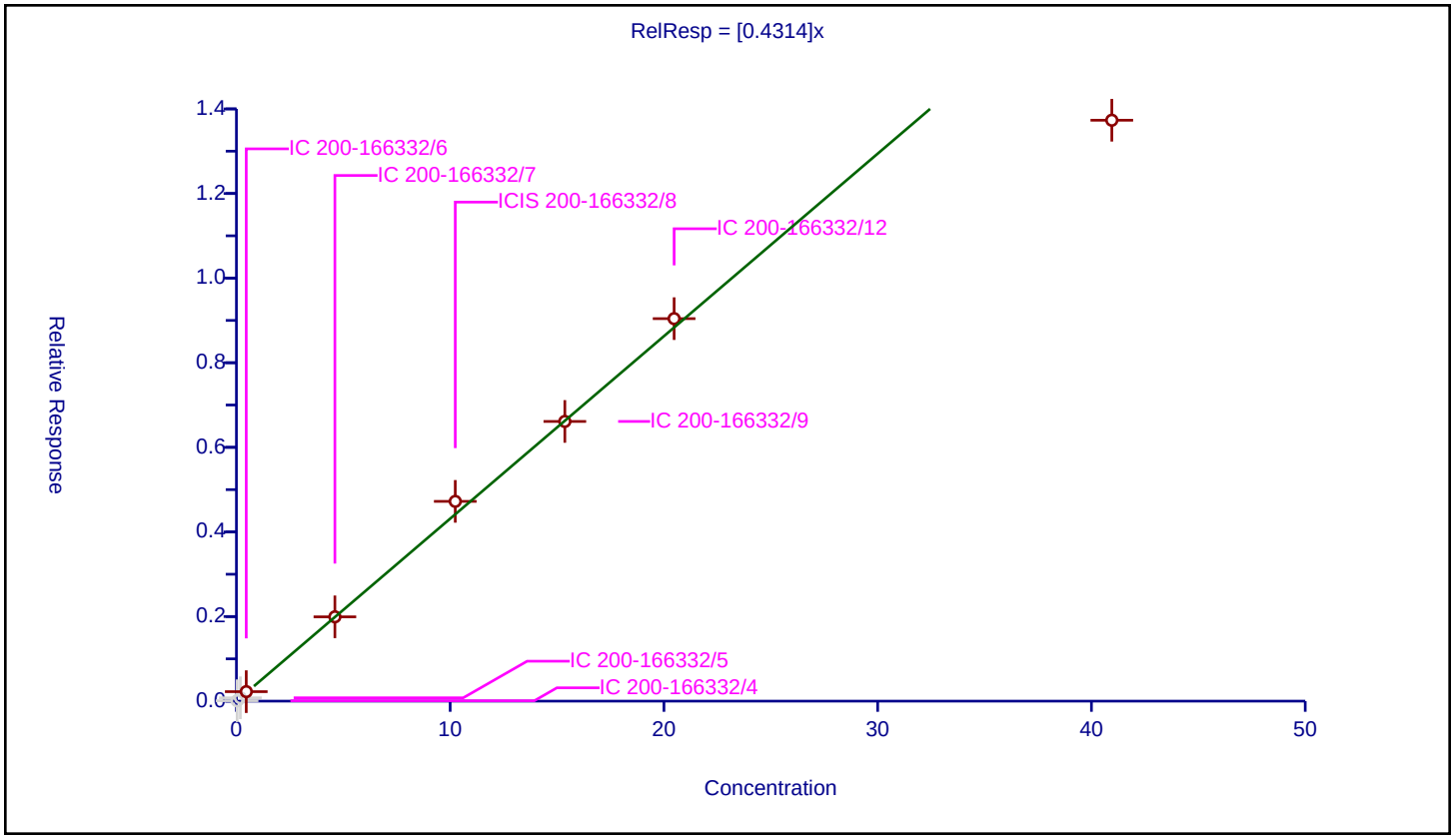
Curve Coefficients

Intercept:	0
Slope:	0.4314

Error Coefficients

Standard Error:	579000
Relative Standard Error:	12.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.03284	0.008968	10.0	599914.0	0.27308	N
2	IC 200-166332/5	0.184725	0.079193	10.0	617731.0	0.428707	N
3	IC 200-166332/6	0.461217	0.224728	10.0	576563.0	0.48725	Y
4	IC 200-166332/7	4.607106	1.993054	10.0	581670.0	0.432604	Y
5	ICIS 200-166332/8	10.238013	4.722247	10.0	622676.0	0.461246	Y
6	IC 200-166332/9	15.363642	6.611818	10.0	609681.0	0.430355	Y
7	IC 200-166332/12	20.476027	9.04193	10.0	592399.0	0.441586	Y
8	IC 200-166332/13	40.952053	13.73186	10.0	772060.0	0.335316	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

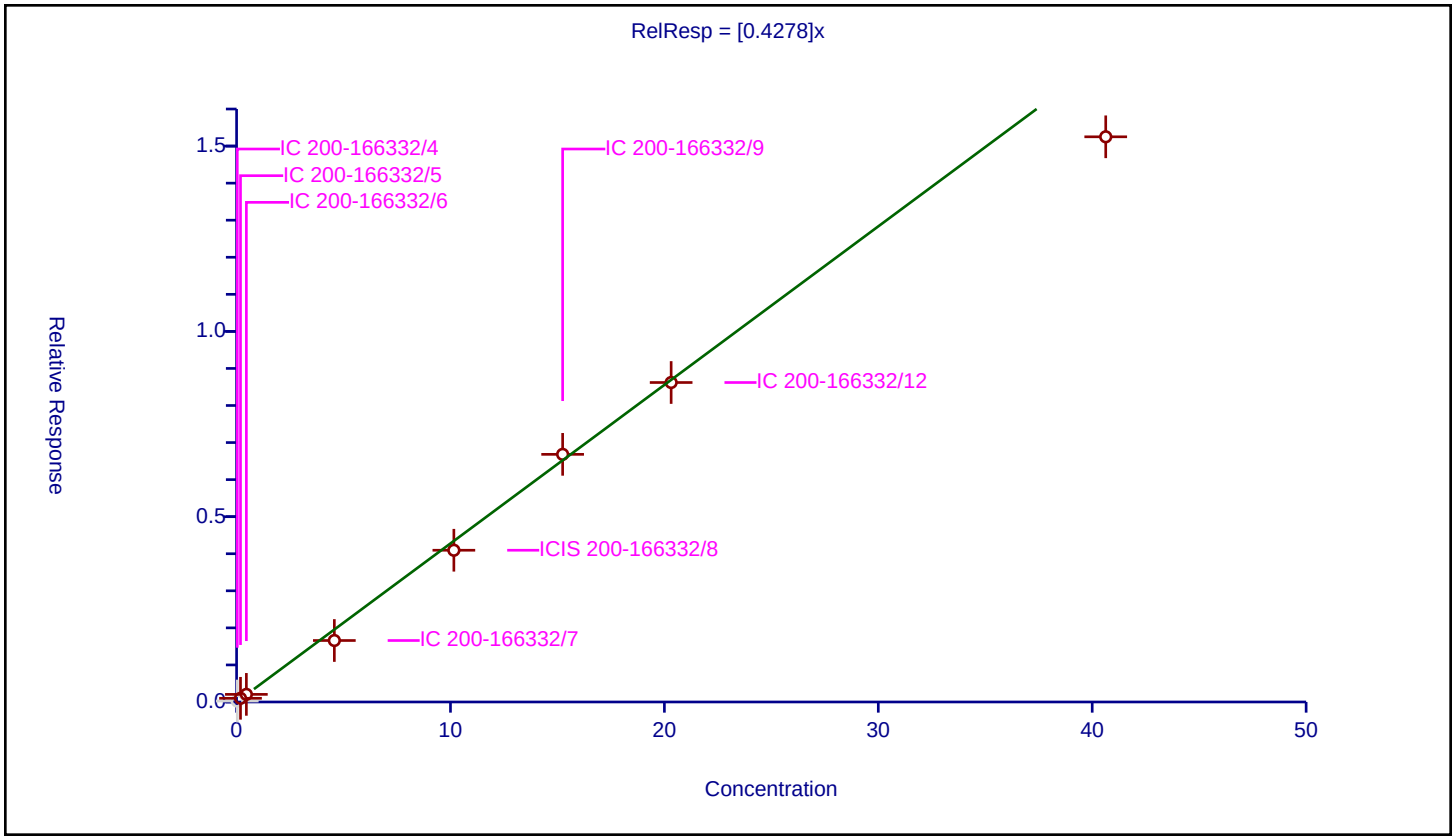
Curve Coefficients

Intercept:	0
Slope:	0.4278

Error Coefficients

Standard Error:	551000
Relative Standard Error:	13.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032583	0.025228	10.0	579120.0	0.774255	N
2	IC 200-166332/5	0.183282	0.099345	10.0	535103.0	0.542035	Y
3	IC 200-166332/6	0.457614	0.205231	10.0	536274.0	0.448481	Y
4	IC 200-166332/7	4.571113	1.659105	10.0	584960.0	0.362954	Y
5	ICIS 200-166332/8	10.158029	4.094397	10.0	596437.0	0.40307	Y
6	IC 200-166332/9	15.243614	6.681733	10.0	594036.0	0.43833	Y
7	IC 200-166332/12	20.316058	8.620403	10.0	625893.0	0.424315	Y
8	IC 200-166332/13	40.632115	15.250203	10.0	749352.0	0.375324	Y



Calibration / n-Octane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

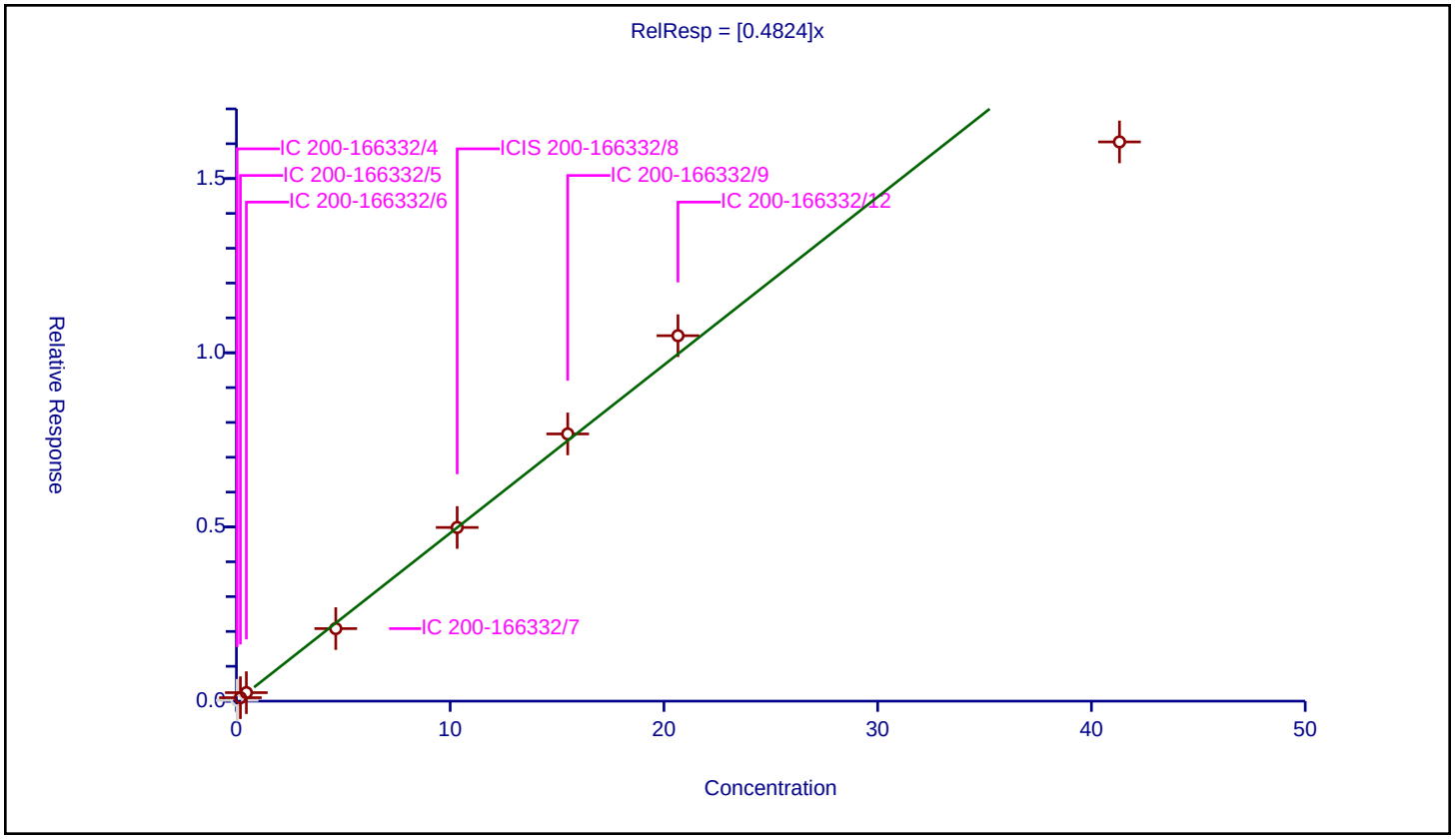
Curve Coefficients

Intercept:	0
Slope:	0.4824

Error Coefficients

Standard Error:	613000
Relative Standard Error:	10.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033129	0.02302	10.0	599914.0	0.694865	N
2	IC 200-166332/5	0.186349	0.098797	10.0	617731.0	0.530173	Y
3	IC 200-166332/6	0.465271	0.244223	10.0	576563.0	0.524905	Y
4	IC 200-166332/7	4.647598	2.081936	10.0	581670.0	0.44796	Y
5	ICIS 200-166332/8	10.327996	4.985193	10.0	622676.0	0.482687	Y
6	IC 200-166332/9	15.498674	7.670224	10.0	609681.0	0.494896	Y
7	IC 200-166332/12	20.655992	10.490058	10.0	592399.0	0.507846	Y
8	IC 200-166332/13	41.311983	16.051641	10.0	772060.0	0.388547	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

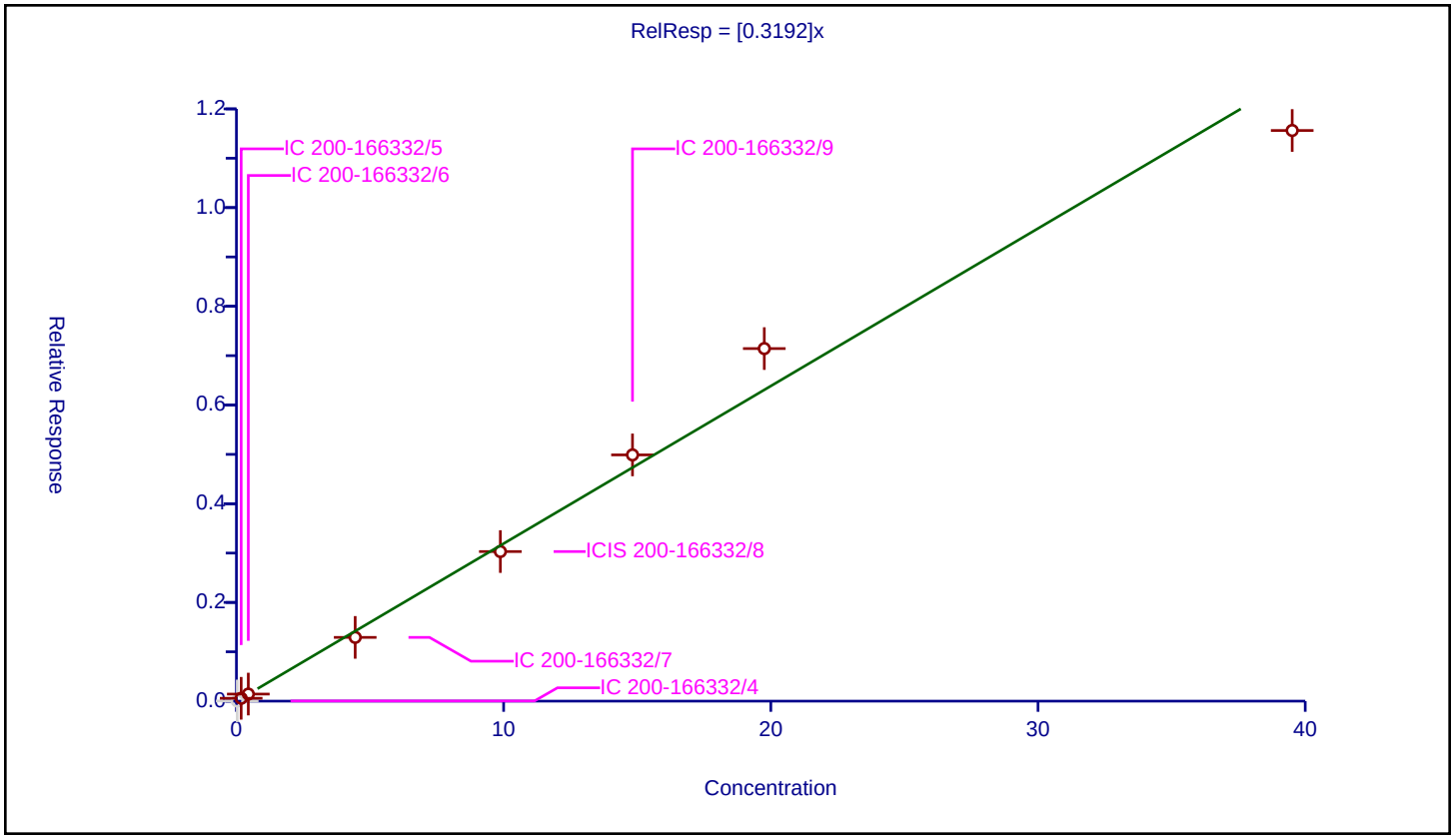
Curve Coefficients

Intercept:	0
Slope:	0.3192

Error Coefficients

Standard Error:	430000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.031686	0.00325	10.0	599914.0	0.102585	N
2	IC 200-166332/5	0.178231	0.057905	10.0	617731.0	0.32489	Y
3	IC 200-166332/6	0.445002	0.143089	10.0	576563.0	0.321547	Y
4	IC 200-166332/7	4.445137	1.291867	10.0	581670.0	0.290625	Y
5	ICIS 200-166332/8	9.878083	3.030982	10.0	622676.0	0.306839	Y
6	IC 200-166332/9	14.823514	4.989544	10.0	609681.0	0.336597	Y
7	IC 200-166332/12	19.756166	7.143462	10.0	592399.0	0.361581	Y
8	IC 200-166332/13	39.512333	11.56243	10.0	772060.0	0.292628	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

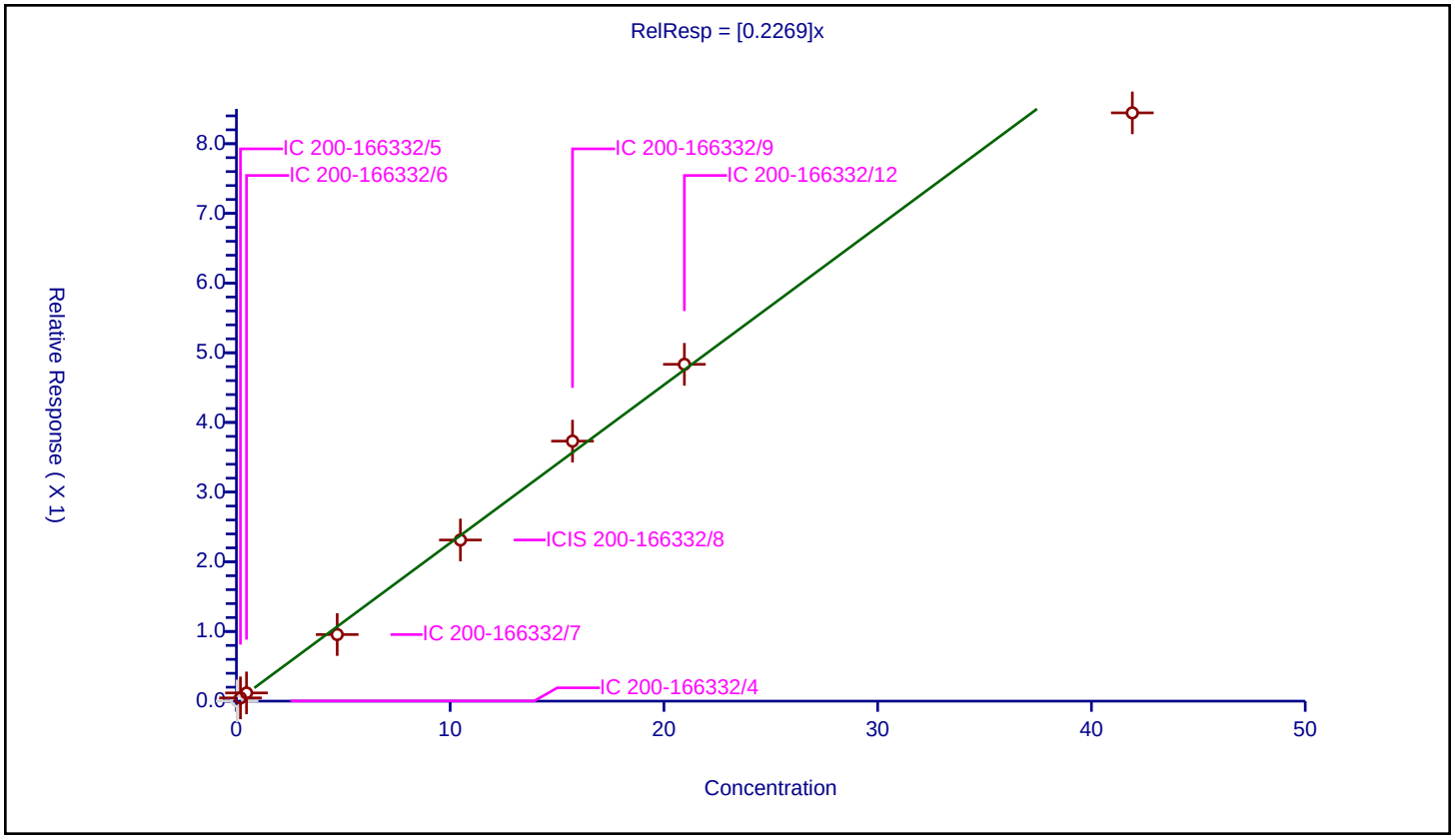
Curve Coefficients

Intercept:	0
Slope:	0.2269

Error Coefficients

Standard Error:	306000
Relative Standard Error:	8.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.03361	0.002676	10.0	579120.0	0.079634	N
2	IC 200-166332/5	0.189055	0.046533	10.0	535103.0	0.246136	Y
3	IC 200-166332/6	0.472027	0.117757	10.0	536274.0	0.249471	Y
4	IC 200-166332/7	4.715085	0.955826	10.0	584960.0	0.202717	Y
5	ICIS 200-166332/8	10.477967	2.312935	10.0	596437.0	0.220743	Y
6	IC 200-166332/9	15.723728	3.731777	10.0	594036.0	0.237334	Y
7	IC 200-166332/12	20.955934	4.834037	10.0	625893.0	0.230676	Y
8	IC 200-166332/13	41.911867	8.442881	10.0	749352.0	0.201444	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

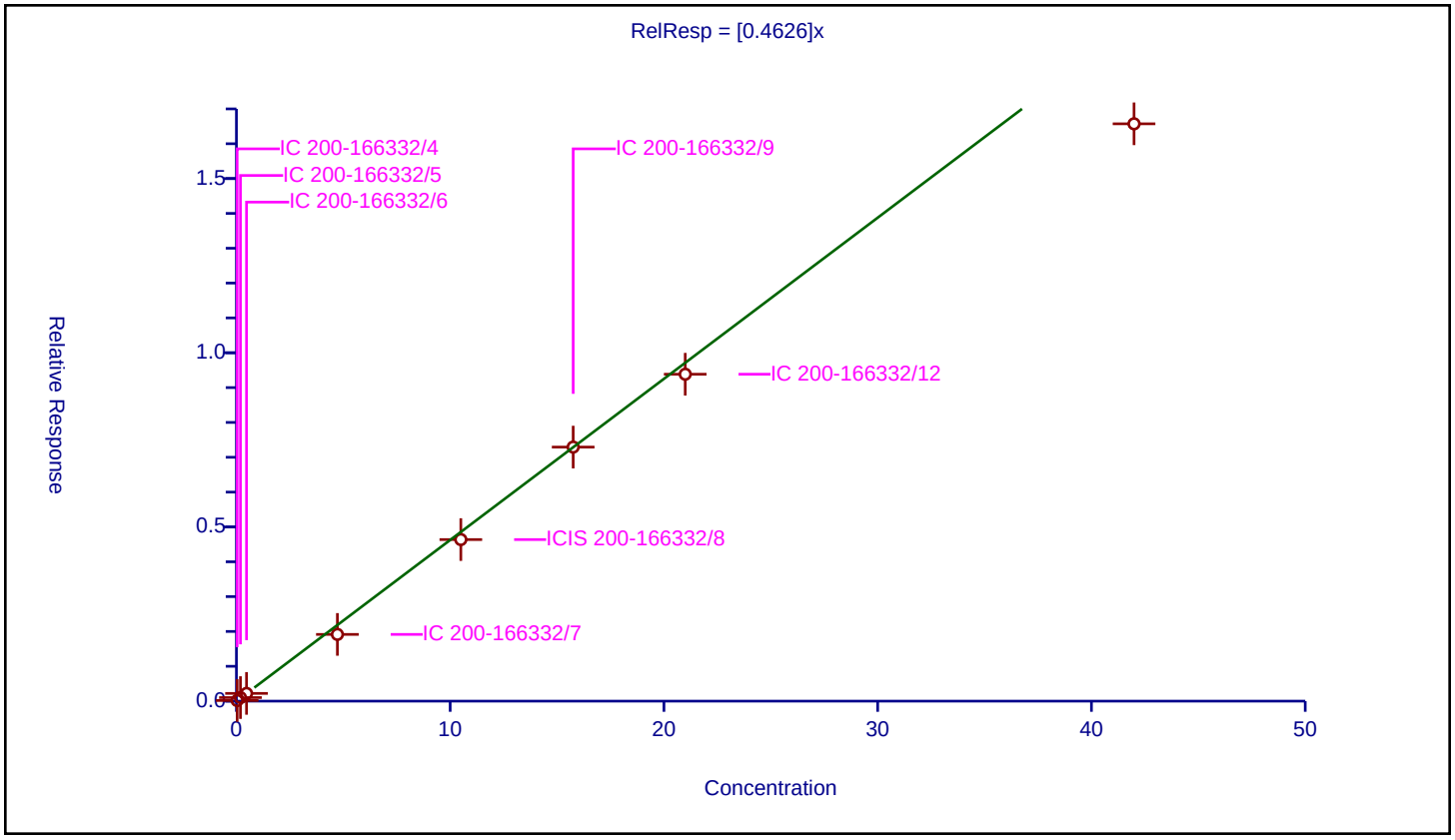
Curve Coefficients

Intercept:	0
Slope:	0.4626

Error Coefficients

Standard Error:	556000
Relative Standard Error:	11.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033674	0.018148	10.0	579120.0	0.538941	Y
2	IC 200-166332/5	0.189415	0.102373	10.0	535103.0	0.540467	Y
3	IC 200-166332/6	0.472928	0.221995	10.0	536274.0	0.469405	Y
4	IC 200-166332/7	4.724083	1.915105	10.0	584960.0	0.405392	Y
5	ICIS 200-166332/8	10.497963	4.637942	10.0	596437.0	0.441794	Y
6	IC 200-166332/9	15.753735	7.292521	10.0	594036.0	0.462907	Y
7	IC 200-166332/12	20.995926	9.383776	10.0	625893.0	0.446933	Y
8	IC 200-166332/13	41.991852	16.571518	10.0	749352.0	0.394637	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

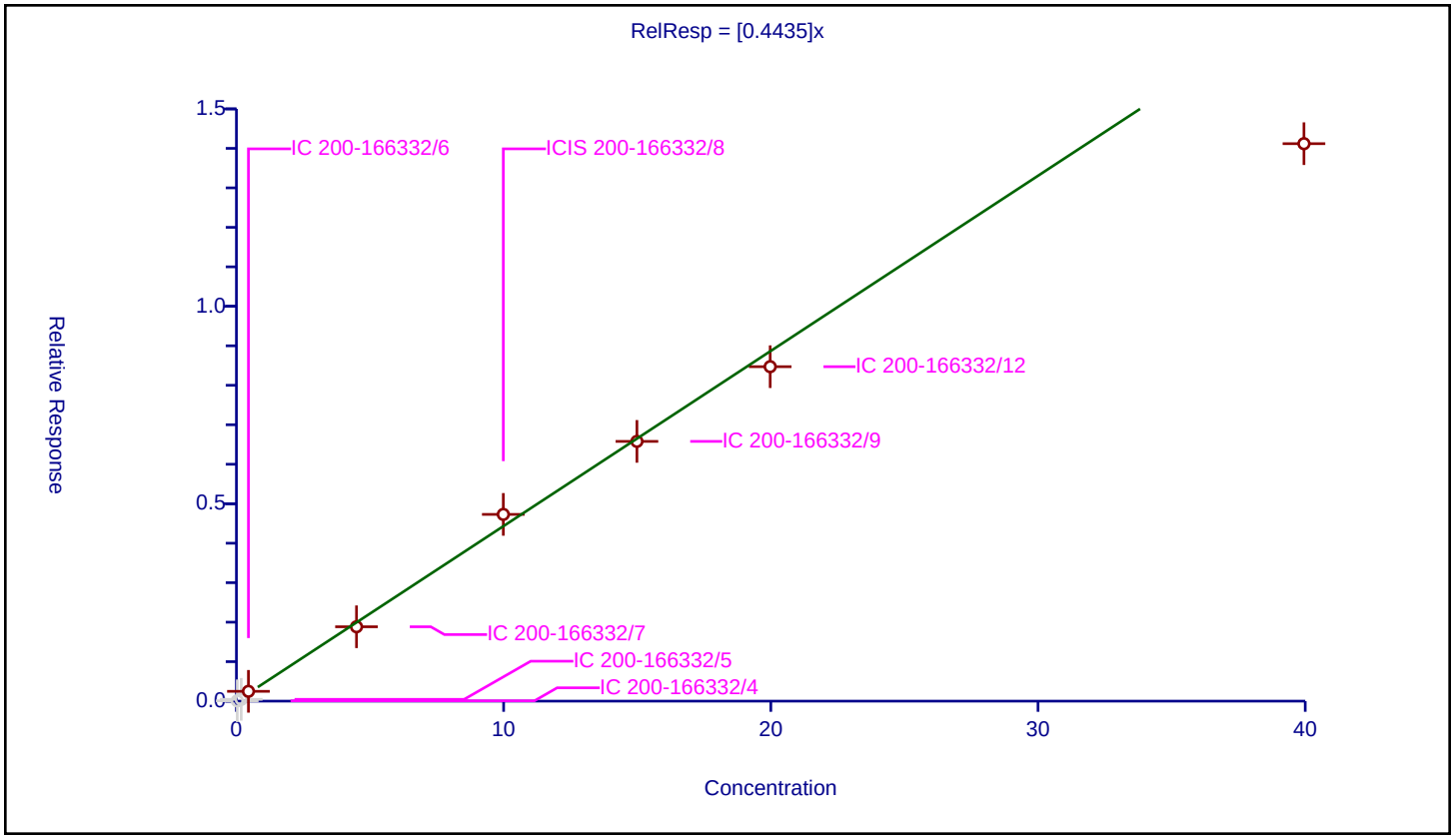
Curve Coefficients

Intercept:	0
Slope:	0.4435

Error Coefficients

Standard Error:	574000
Relative Standard Error:	14.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032038	0.008617	10.0	579120.0	0.268945	N
2	IC 200-166332/5	0.180215	0.045244	10.0	535103.0	0.251053	N
3	IC 200-166332/6	0.449957	0.248455	10.0	536274.0	0.552175	Y
4	IC 200-166332/7	4.494628	1.883804	10.0	584960.0	0.419123	Y
5	ICIS 200-166332/8	9.988062	4.729452	10.0	596437.0	0.47351	Y
6	IC 200-166332/9	14.988553	6.578423	10.0	594036.0	0.438896	Y
7	IC 200-166332/12	19.976124	8.471144	10.0	625893.0	0.424063	Y
8	IC 200-166332/13	39.952247	14.119012	10.0	749352.0	0.353397	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

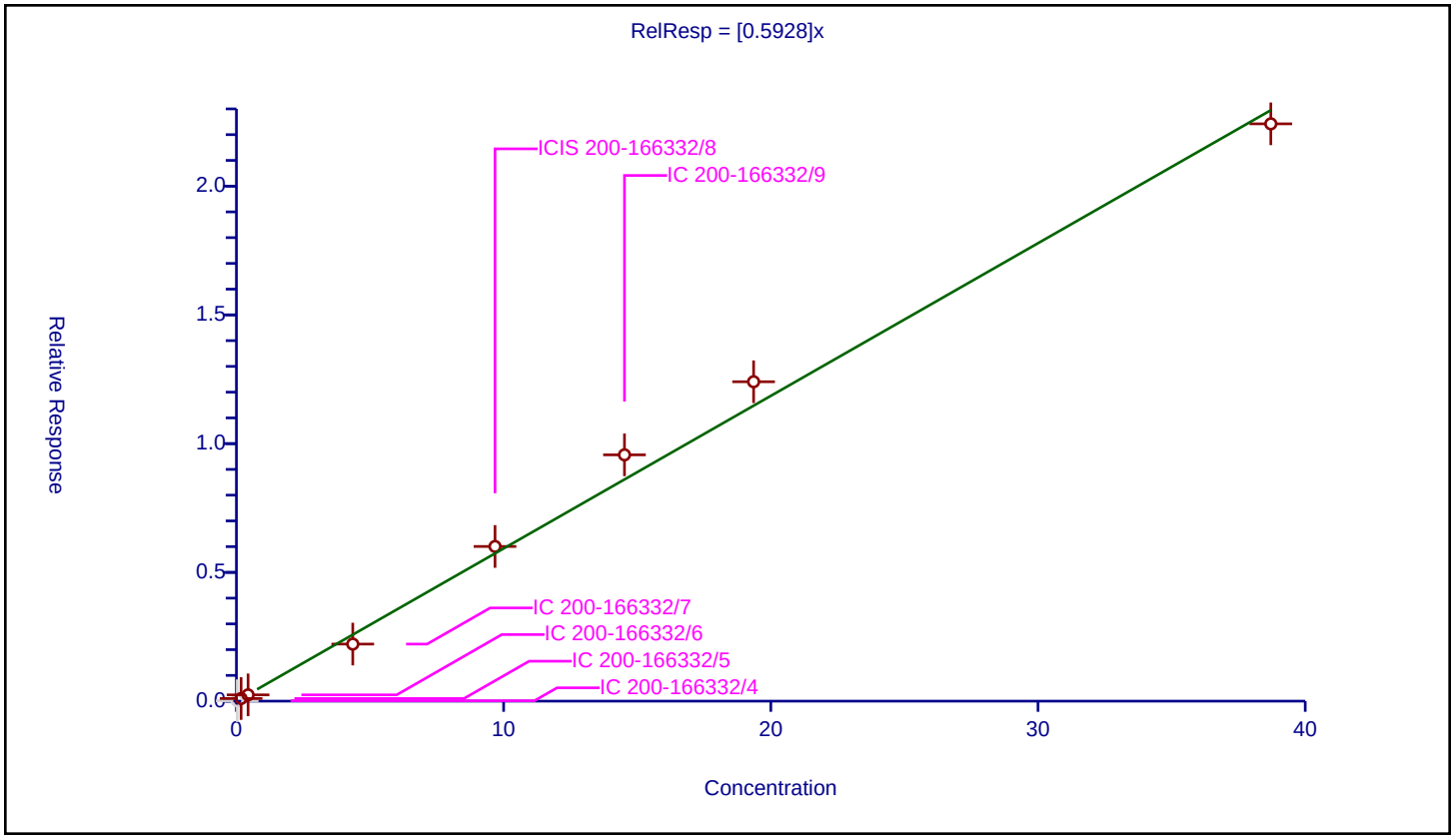
Curve Coefficients

Intercept:	0
Slope:	0.5928

Error Coefficients

Standard Error:	806000
Relative Standard Error:	8.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.031044	0.014712	10.0	579120.0	0.473906	N
2	IC 200-166332/5	0.174623	0.101625	10.0	535103.0	0.58197	Y
3	IC 200-166332/6	0.435994	0.243905	10.0	536274.0	0.559423	Y
4	IC 200-166332/7	4.355155	2.216015	10.0	584960.0	0.508826	Y
5	ICIS 200-166332/8	9.678122	6.00672	10.0	596437.0	0.620649	Y
6	IC 200-166332/9	14.523443	9.565228	10.0	594036.0	0.658606	Y
7	IC 200-166332/12	19.356244	12.404021	10.0	625893.0	0.640828	Y
8	IC 200-166332/13	38.712488	22.420091	10.0	749352.0	0.579144	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

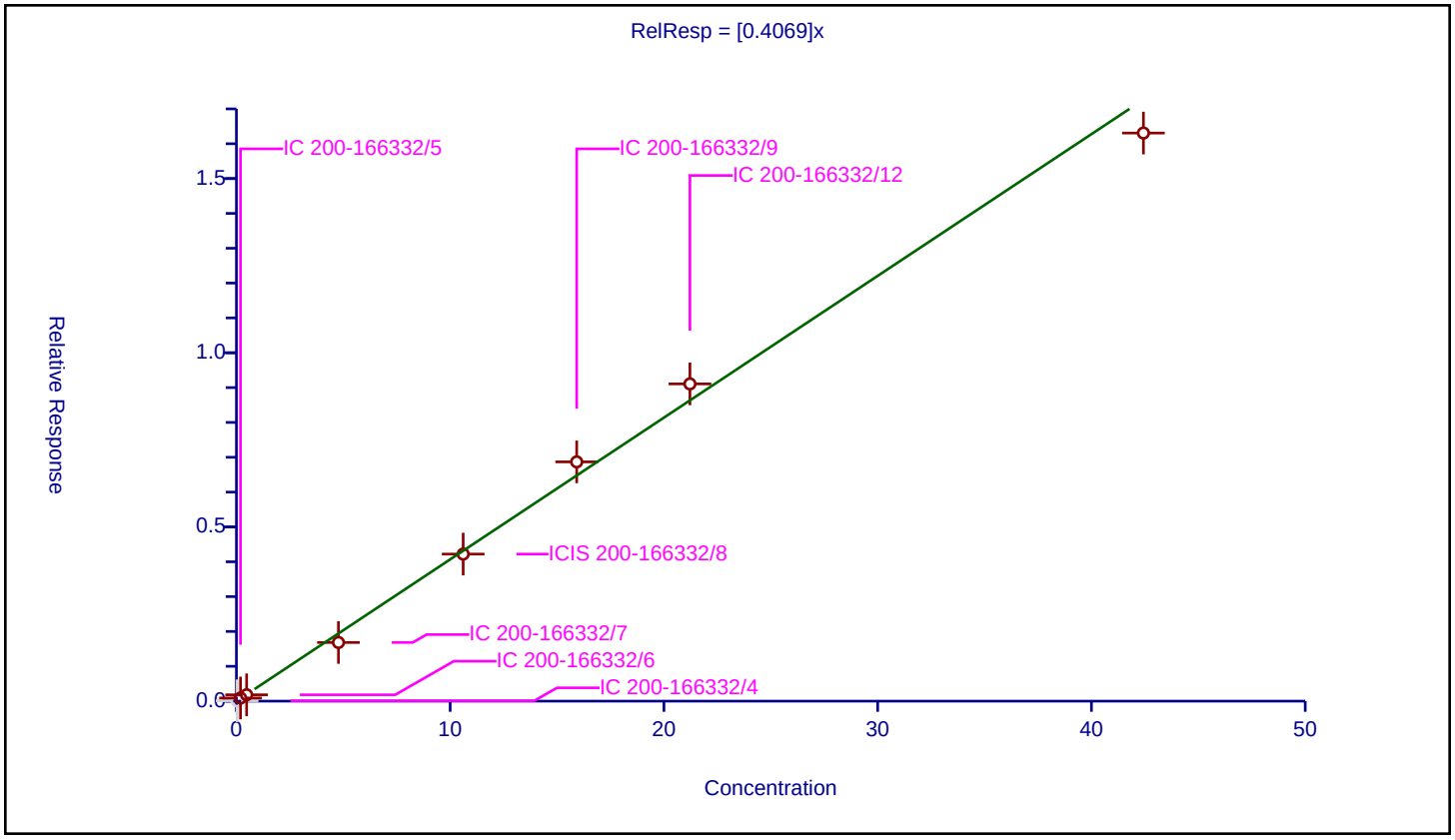
Curve Coefficients

Intercept:	0
Slope:	0.4069

Error Coefficients

Standard Error:	586000
Relative Standard Error:	9.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.034027	0.010205	10.0	579120.0	0.299916	N
2	IC 200-166332/5	0.1914	0.090001	10.0	535103.0	0.470227	Y
3	IC 200-166332/6	0.477882	0.182705	10.0	536274.0	0.382323	Y
4	IC 200-166332/7	4.773574	1.683893	10.0	584960.0	0.352753	Y
5	ICIS 200-166332/8	10.607942	4.221284	10.0	596437.0	0.397936	Y
6	IC 200-166332/9	15.918774	6.867984	10.0	594036.0	0.431439	Y
7	IC 200-166332/12	21.215883	9.106173	10.0	625893.0	0.429215	Y
8	IC 200-166332/13	42.431766	16.306315	10.0	749352.0	0.384295	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

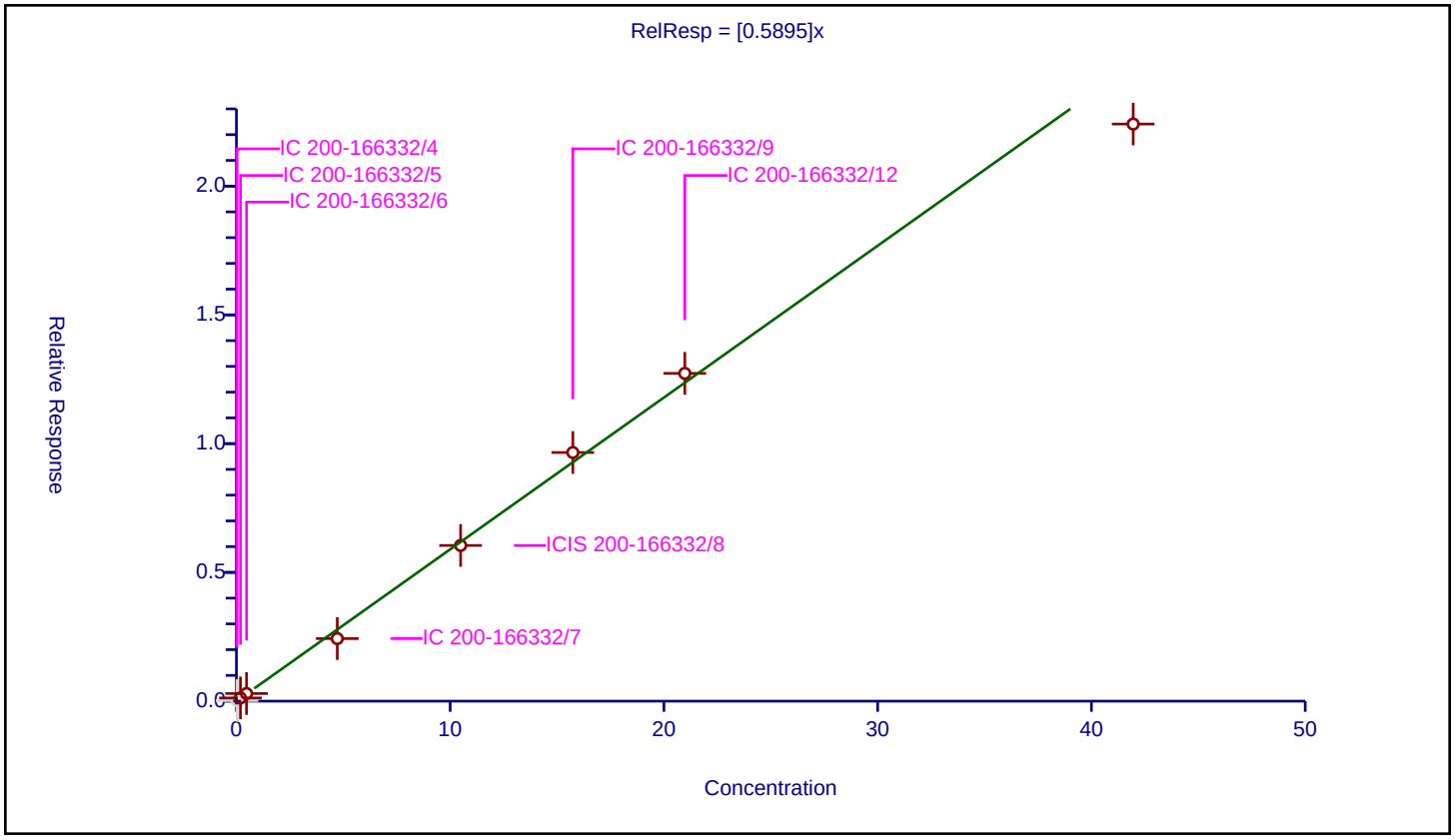
Curve Coefficients

Intercept:	0
Slope:	0.5895

Error Coefficients

Standard Error:	810000
Relative Standard Error:	8.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033642	0.021861	10.0	579120.0	0.649809	N
2	IC 200-166332/5	0.189235	0.124313	10.0	535103.0	0.656921	Y
3	IC 200-166332/6	0.472477	0.294831	10.0	536274.0	0.62401	Y
4	IC 200-166332/7	4.719584	2.429226	10.0	584960.0	0.514712	Y
5	ICIS 200-166332/8	10.487965	6.046271	10.0	596437.0	0.576496	Y
6	IC 200-166332/9	15.738731	9.656115	10.0	594036.0	0.613526	Y
7	IC 200-166332/12	20.97593	12.728981	10.0	625893.0	0.606838	Y
8	IC 200-166332/13	41.951859	22.411964	10.0	749352.0	0.534231	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

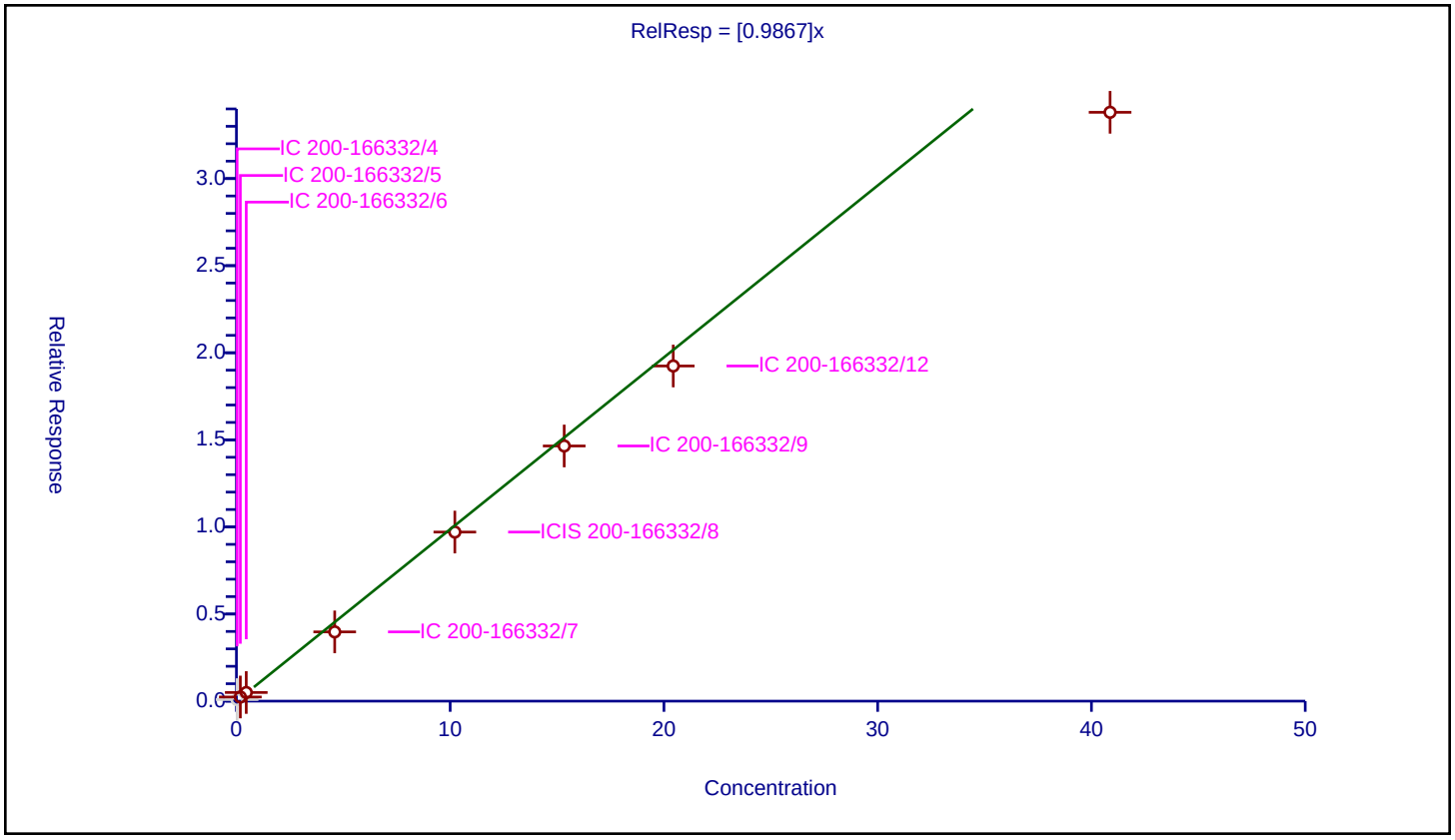
Curve Coefficients

Intercept:	0
Slope:	0.9867

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	15.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032776	0.088738	10.0	579120.0	2.707419	N
2	IC 200-166332/5	0.184364	0.23816	10.0	535103.0	1.291788	Y
3	IC 200-166332/6	0.460316	0.495549	10.0	536274.0	1.07654	Y
4	IC 200-166332/7	4.598108	3.975588	10.0	584960.0	0.864614	Y
5	ICIS 200-166332/8	10.218017	9.707614	10.0	596437.0	0.950049	Y
6	IC 200-166332/9	15.333635	14.649348	10.0	594036.0	0.955373	Y
7	IC 200-166332/12	20.436034	19.240541	10.0	625893.0	0.941501	Y
8	IC 200-166332/13	40.872069	33.804754	10.0	749352.0	0.827087	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

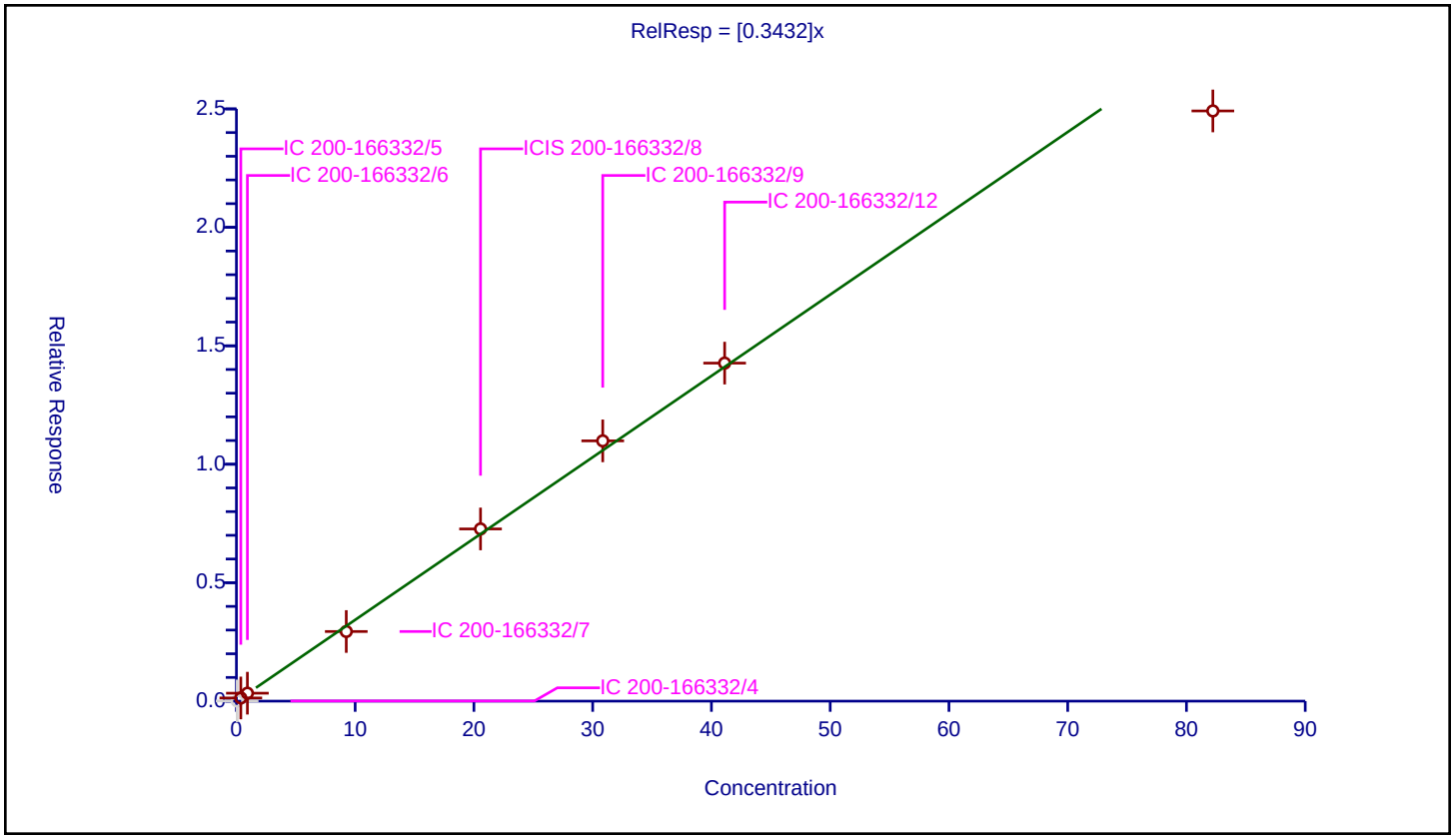
Curve Coefficients

Intercept:	0
Slope:	0.3432

Error Coefficients

Standard Error:	906000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.065937	0.007701	10.0	579120.0	0.116799	N
2	IC 200-166332/5	0.370894	0.13446	10.0	535103.0	0.36253	Y
3	IC 200-166332/6	0.926037	0.335332	10.0	536274.0	0.362115	Y
4	IC 200-166332/7	9.250205	2.939757	10.0	584960.0	0.317804	Y
5	ICIS 200-166332/8	20.556011	7.269184	10.0	596437.0	0.353628	Y
6	IC 200-166332/9	30.847313	10.987314	10.0	594036.0	0.356184	Y
7	IC 200-166332/12	41.112022	14.268589	10.0	625893.0	0.347066	Y
8	IC 200-166332/13	82.224044	24.913645	10.0	749352.0	0.302997	Y



Calibration / n-Nonane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

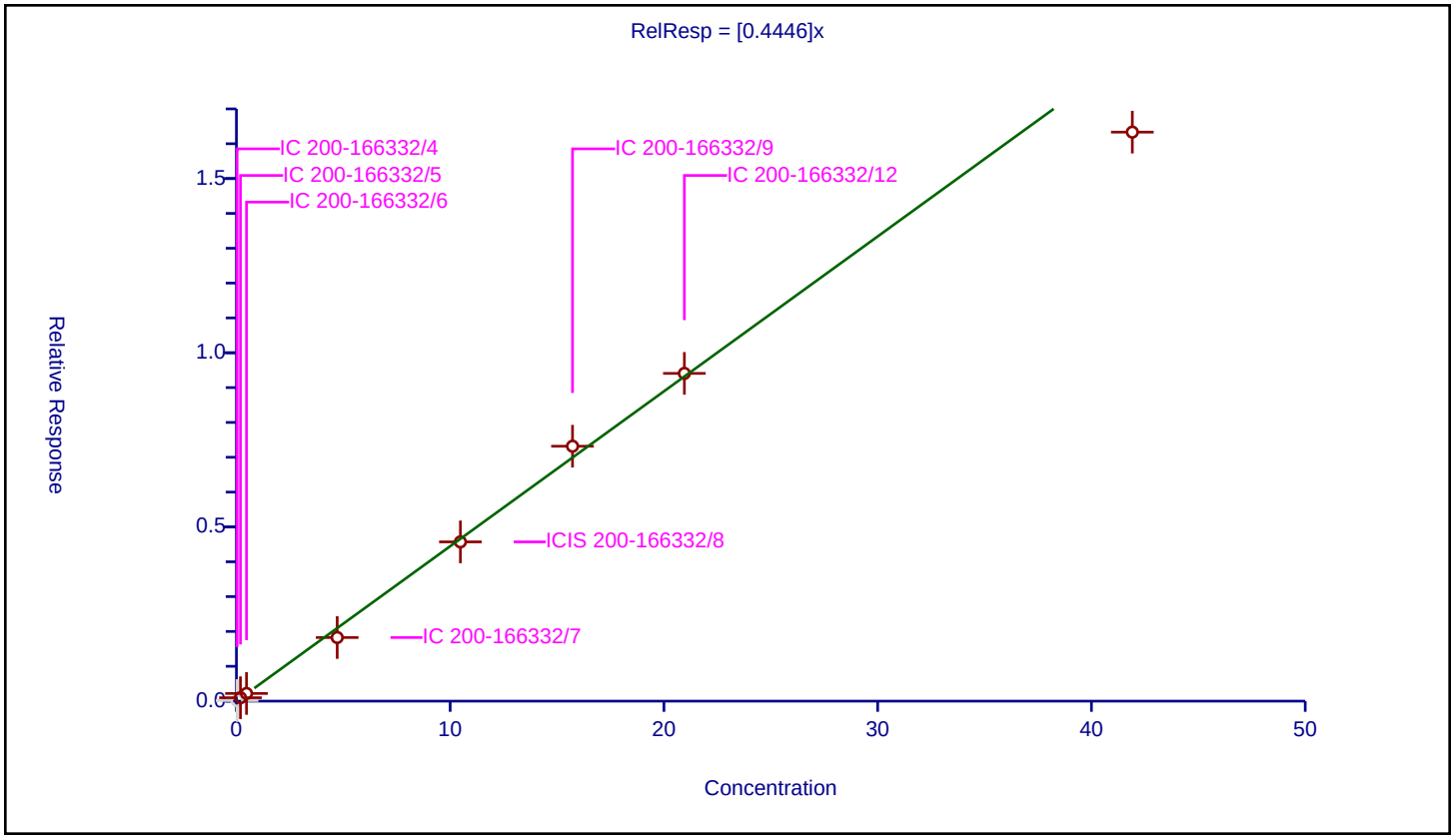
Curve Coefficients

Intercept:	0
Slope:	0.4446

Error Coefficients

Standard Error:	594000
Relative Standard Error:	10.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.03361	0.01637	10.0	579120.0	0.487051	N
2	IC 200-166332/5	0.189055	0.098	10.0	535103.0	0.518368	Y
3	IC 200-166332/6	0.472027	0.220223	10.0	536274.0	0.466548	Y
4	IC 200-166332/7	4.715085	1.826347	10.0	584960.0	0.387341	Y
5	ICIS 200-166332/8	10.477967	4.571128	10.0	596437.0	0.436261	Y
6	IC 200-166332/9	15.723728	7.317317	10.0	594036.0	0.465368	Y
7	IC 200-166332/12	20.955934	9.407838	10.0	625893.0	0.448934	Y
8	IC 200-166332/13	41.911867	16.332965	10.0	749352.0	0.389698	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

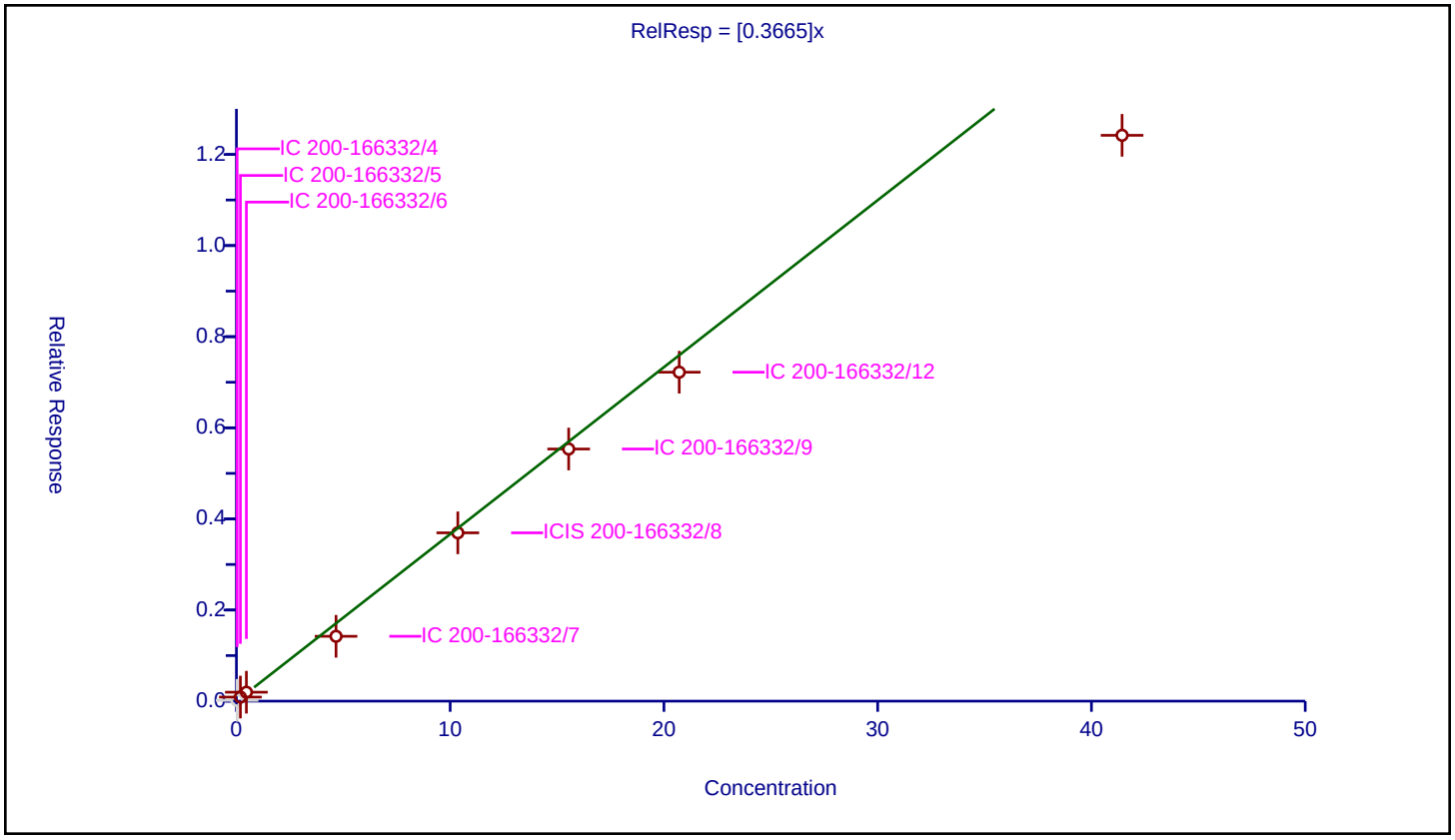
Curve Coefficients

Intercept:	0
Slope:	0.3665

Error Coefficients

Standard Error:	454000
Relative Standard Error:	17.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033225	0.016646	10.0	579120.0	0.501008	N
2	IC 200-166332/5	0.18689	0.089422	10.0	535103.0	0.478474	Y
3	IC 200-166332/6	0.466622	0.196336	10.0	536274.0	0.420761	Y
4	IC 200-166332/7	4.661096	1.423328	10.0	584960.0	0.305363	Y
5	ICIS 200-166332/8	10.35799	3.694674	10.0	596437.0	0.356698	Y
6	IC 200-166332/9	15.543685	5.534547	10.0	594036.0	0.356064	Y
7	IC 200-166332/12	20.71598	7.220116	10.0	625893.0	0.348529	Y
8	IC 200-166332/13	41.43196	12.420238	10.0	749352.0	0.299774	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

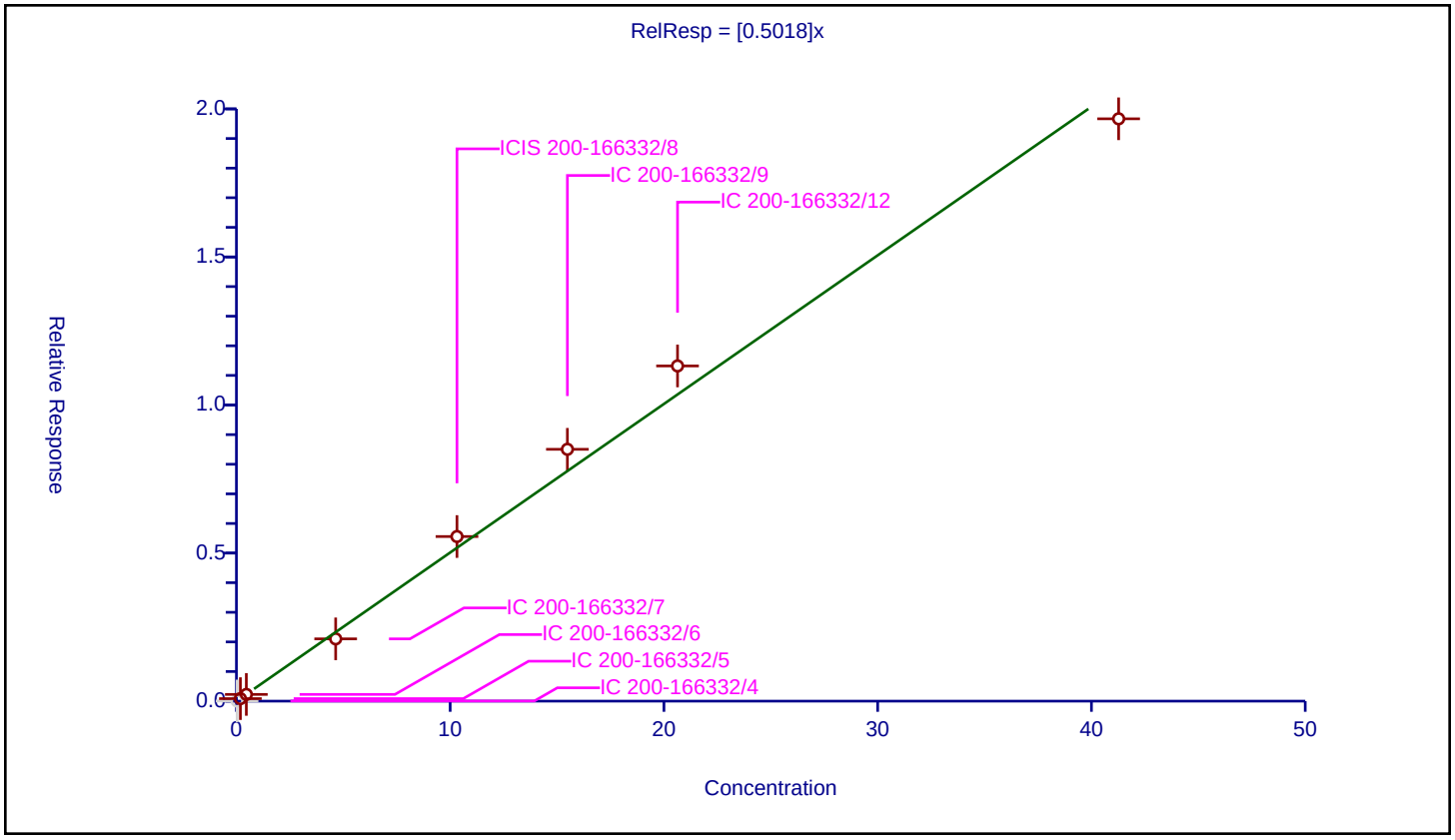
Curve Coefficients

Intercept:	0
Slope:	0.5018

Error Coefficients

Standard Error:	713000
Relative Standard Error:	8.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033097	0.005146	10.0	579120.0	0.155476	N
2	IC 200-166332/5	0.186168	0.085292	10.0	535103.0	0.458144	Y
3	IC 200-166332/6	0.46482	0.227141	10.0	536274.0	0.488665	Y
4	IC 200-166332/7	4.643099	2.102879	10.0	584960.0	0.452904	Y
5	ICIS 200-166332/8	10.317998	5.558709	10.0	596437.0	0.538739	Y
6	IC 200-166332/9	15.483671	8.504501	10.0	594036.0	0.549256	Y
7	IC 200-166332/12	20.635996	11.319283	10.0	625893.0	0.548521	Y
8	IC 200-166332/13	41.271991	19.665217	10.0	749352.0	0.476479	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

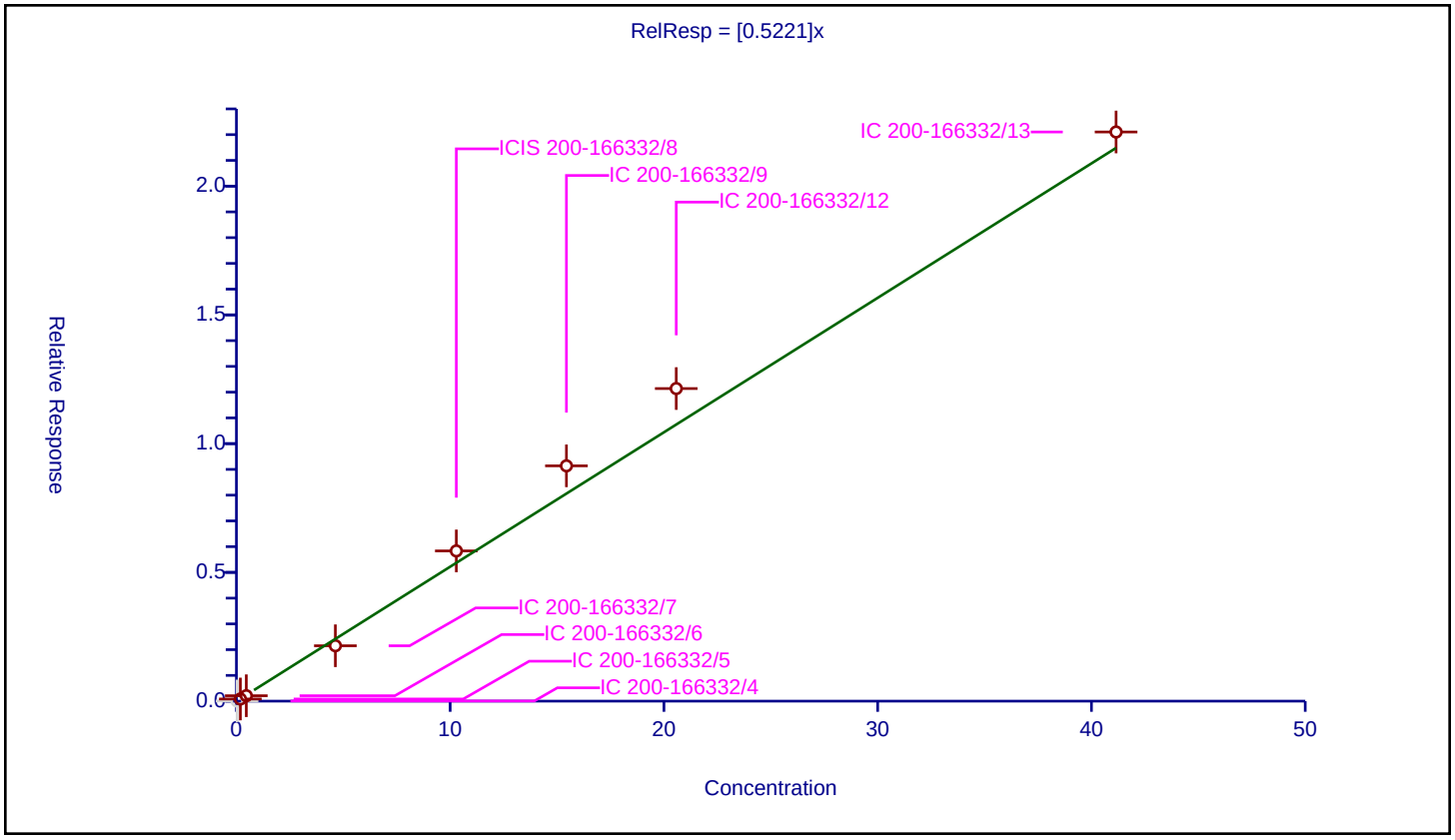
Curve Coefficients

Intercept:	0
Slope:	0.5221

Error Coefficients

Standard Error:	791000
Relative Standard Error:	12.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033	0.005284	10.0	579120.0	0.160116	N
2	IC 200-166332/5	0.185627	0.083498	10.0	535103.0	0.449815	Y
3	IC 200-166332/6	0.463469	0.210415	10.0	536274.0	0.454	Y
4	IC 200-166332/7	4.629602	2.151002	10.0	584960.0	0.464619	Y
5	ICIS 200-166332/8	10.288004	5.833827	10.0	596437.0	0.567051	Y
6	IC 200-166332/9	15.43866	9.137611	10.0	594036.0	0.591866	Y
7	IC 200-166332/12	20.576007	12.139407	10.0	625893.0	0.589979	Y
8	IC 200-166332/13	41.152014	22.10279	10.0	749352.0	0.537101	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

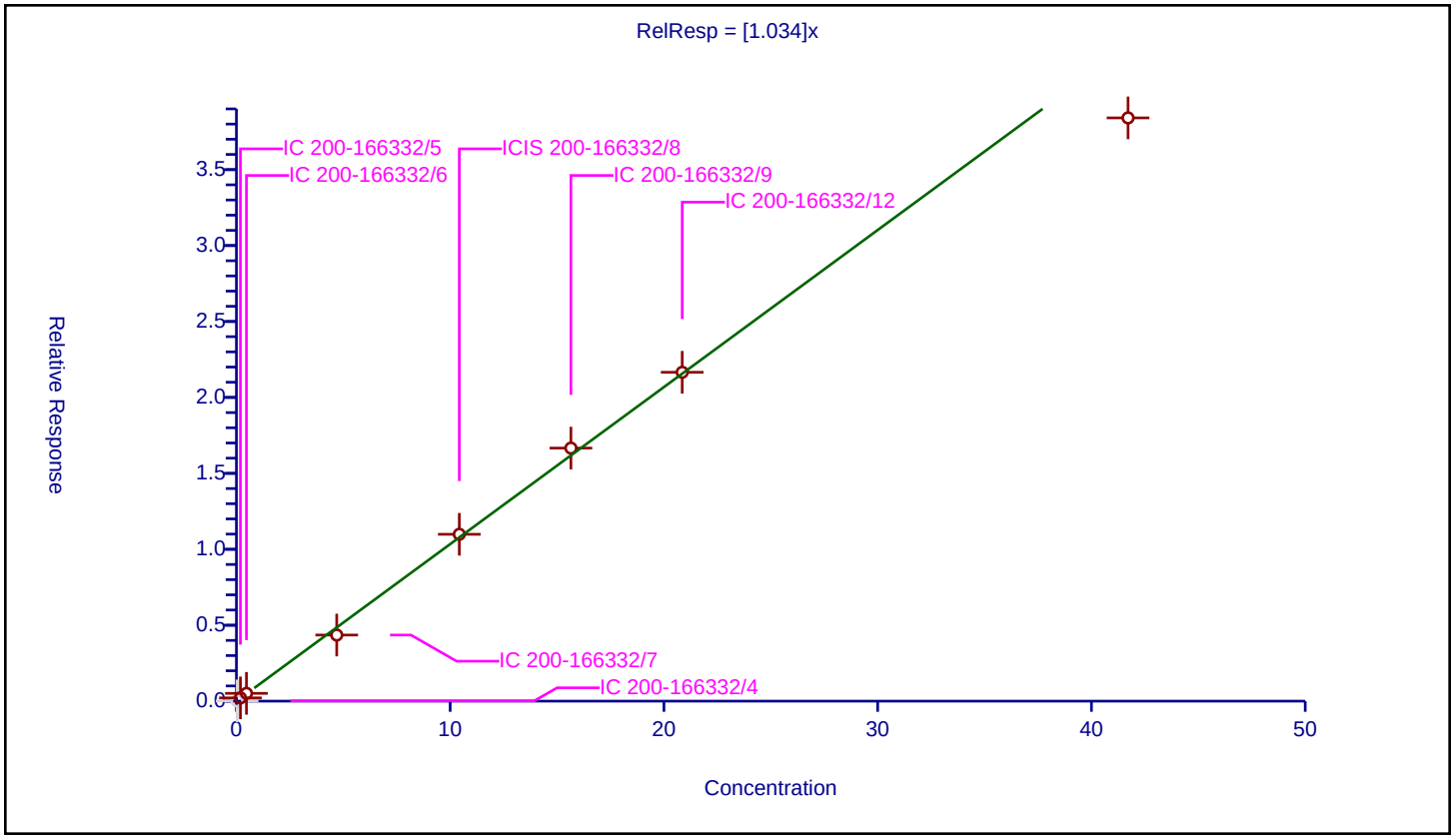
Curve Coefficients

Intercept:	0
Slope:	1.034

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	7.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033449	0.018183	10.0	579120.0	0.54359	N
2	IC 200-166332/5	0.188153	0.214594	10.0	535103.0	1.140532	Y
3	IC 200-166332/6	0.469775	0.513469	10.0	536274.0	1.093011	Y
4	IC 200-166332/7	4.692589	4.352776	10.0	584960.0	0.927585	Y
5	ICIS 200-166332/8	10.427976	10.986458	10.0	596437.0	1.053556	Y
6	IC 200-166332/9	15.64871	16.663148	10.0	594036.0	1.064826	Y
7	IC 200-166332/12	20.855953	21.655171	10.0	625893.0	1.038321	Y
8	IC 200-166332/13	41.711906	38.406637	10.0	749352.0	0.92076	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

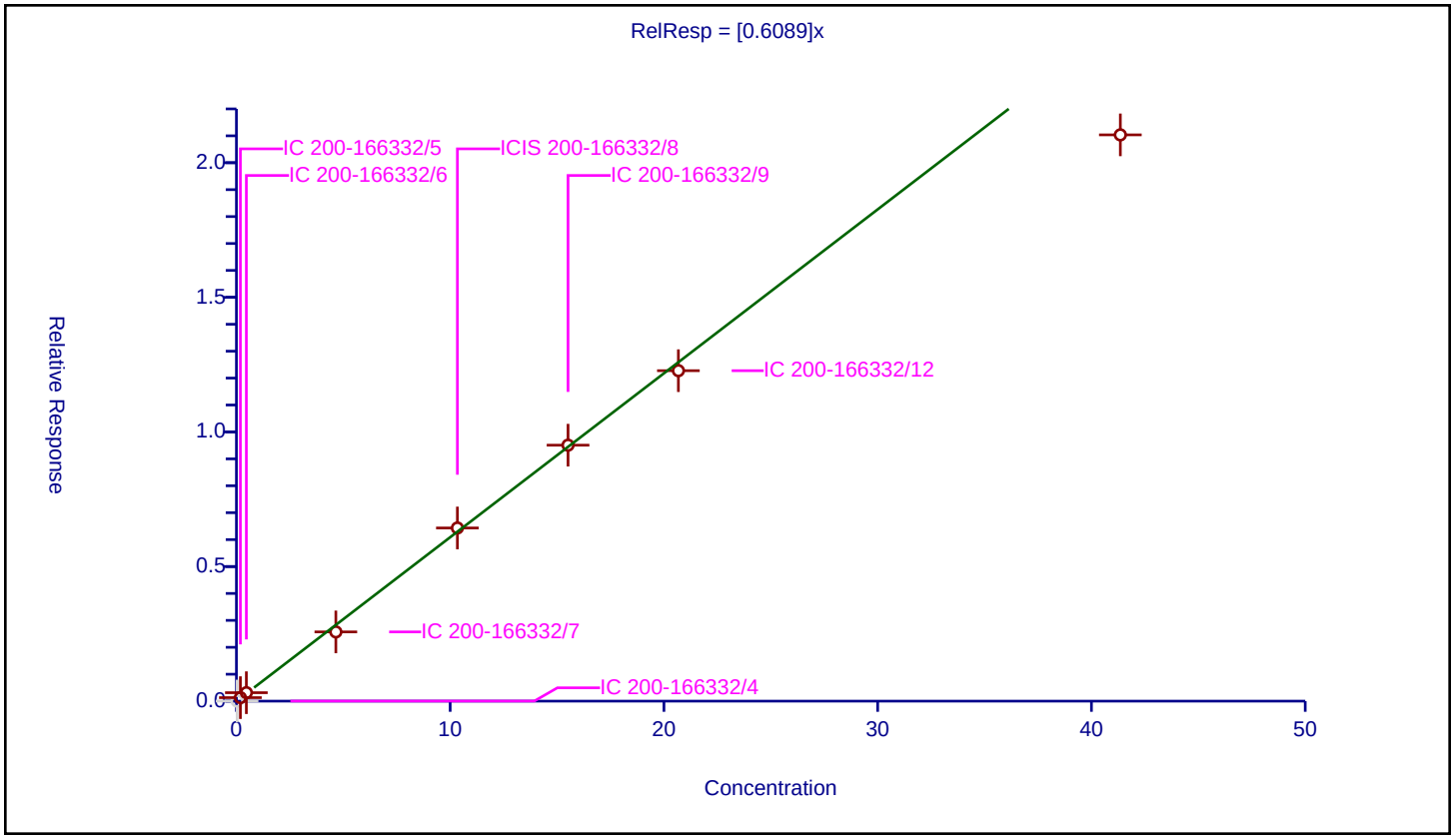
Curve Coefficients

Intercept:	0
Slope:	0.6089

Error Coefficients

Standard Error:	771000
Relative Standard Error:	10.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033161	0.003885	10.0	579120.0	0.117163	N
2	IC 200-166332/5	0.186529	0.130106	10.0	535103.0	0.697509	Y
3	IC 200-166332/6	0.465721	0.314093	10.0	536274.0	0.674423	Y
4	IC 200-166332/7	4.652097	2.571748	10.0	584960.0	0.552815	Y
5	ICIS 200-166332/8	10.337994	6.432632	10.0	596437.0	0.622232	Y
6	IC 200-166332/9	15.513678	9.507791	10.0	594036.0	0.612865	Y
7	IC 200-166332/12	20.675988	12.275804	10.0	625893.0	0.593723	Y
8	IC 200-166332/13	41.351976	21.035134	10.0	749352.0	0.508685	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

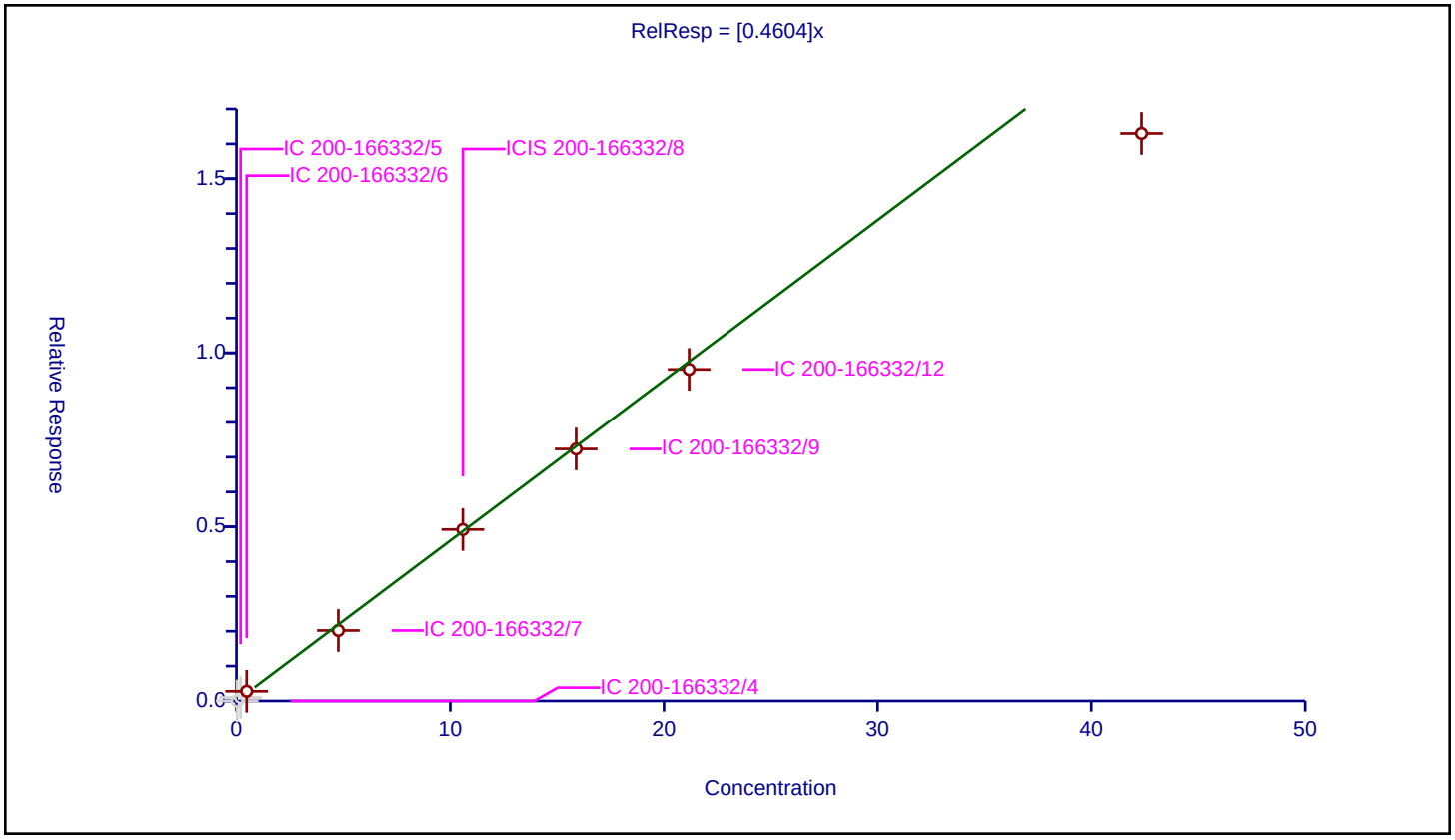
Curve Coefficients

Intercept:	0
Slope:	0.4604

Error Coefficients

Standard Error:	653000
Relative Standard Error:	14.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033962	0.0	10.0	579120.0	0.0	N
2	IC 200-166332/5	0.191039	0.099495	10.0	535103.0	0.520809	N
3	IC 200-166332/6	0.476981	0.278067	10.0	536274.0	0.582972	Y
4	IC 200-166332/7	4.764575	2.022805	10.0	584960.0	0.424551	Y
5	ICIS 200-166332/8	10.587945	4.922649	10.0	596437.0	0.46493	Y
6	IC 200-166332/9	15.888767	7.236413	10.0	594036.0	0.455442	Y
7	IC 200-166332/12	21.175891	9.524056	10.0	625893.0	0.449759	Y
8	IC 200-166332/13	42.351782	16.298682	10.0	749352.0	0.384841	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

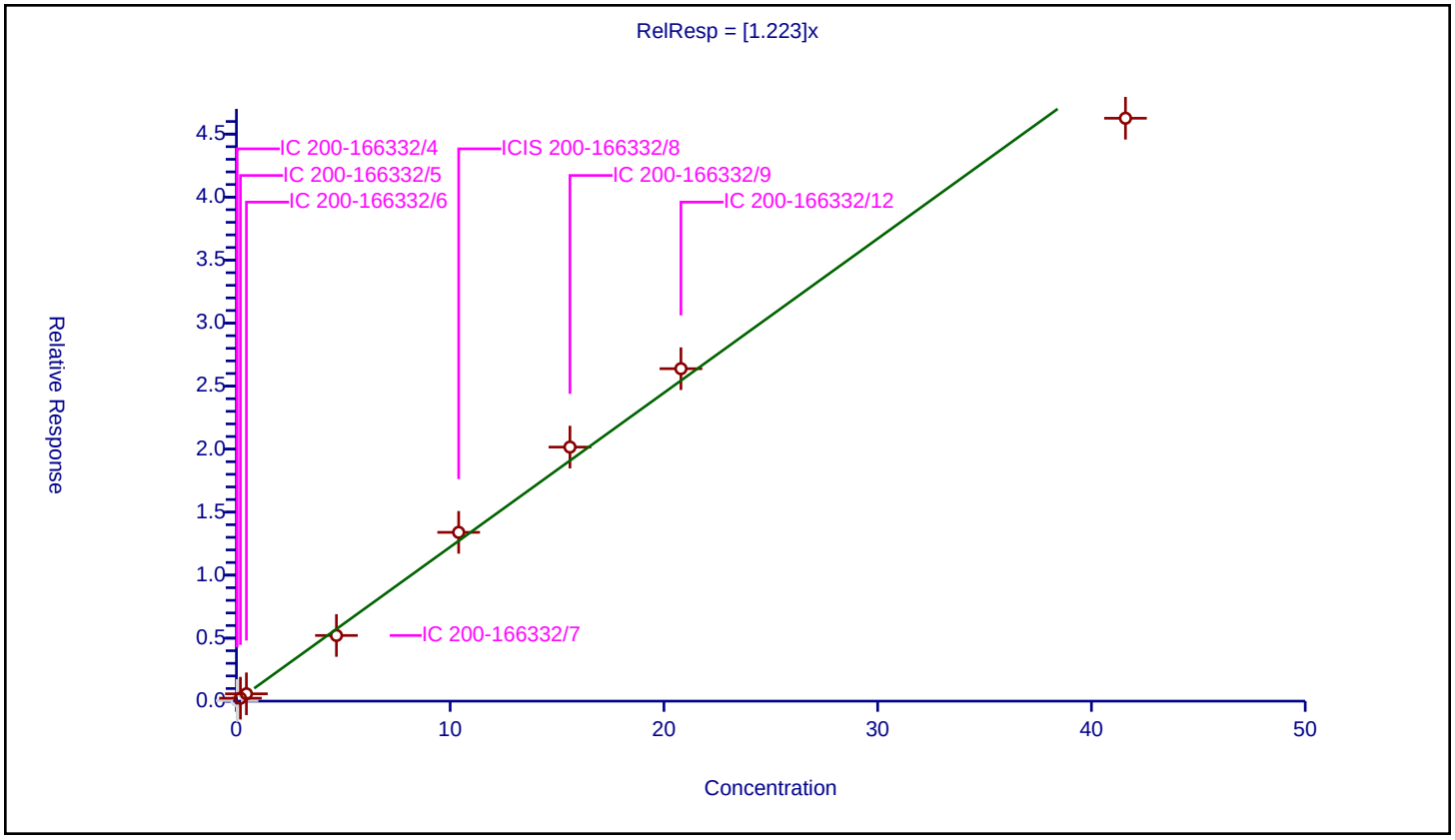
Curve Coefficients

Intercept:	0
Slope:	1.223

Error Coefficients

Standard Error:	1680000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033353	0.045932	10.0	579120.0	1.377134	N
2	IC 200-166332/5	0.187612	0.233899	10.0	535103.0	1.246719	Y
3	IC 200-166332/6	0.468424	0.581624	10.0	536274.0	1.241663	Y
4	IC 200-166332/7	4.679092	5.212203	10.0	584960.0	1.113935	Y
5	ICIS 200-166332/8	10.397982	13.39481	10.0	596437.0	1.288212	Y
6	IC 200-166332/9	15.603699	20.160411	10.0	594036.0	1.292028	Y
7	IC 200-166332/12	20.795965	26.383104	10.0	625893.0	1.268665	Y
8	IC 200-166332/13	41.591929	46.25806	10.0	749352.0	1.112188	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

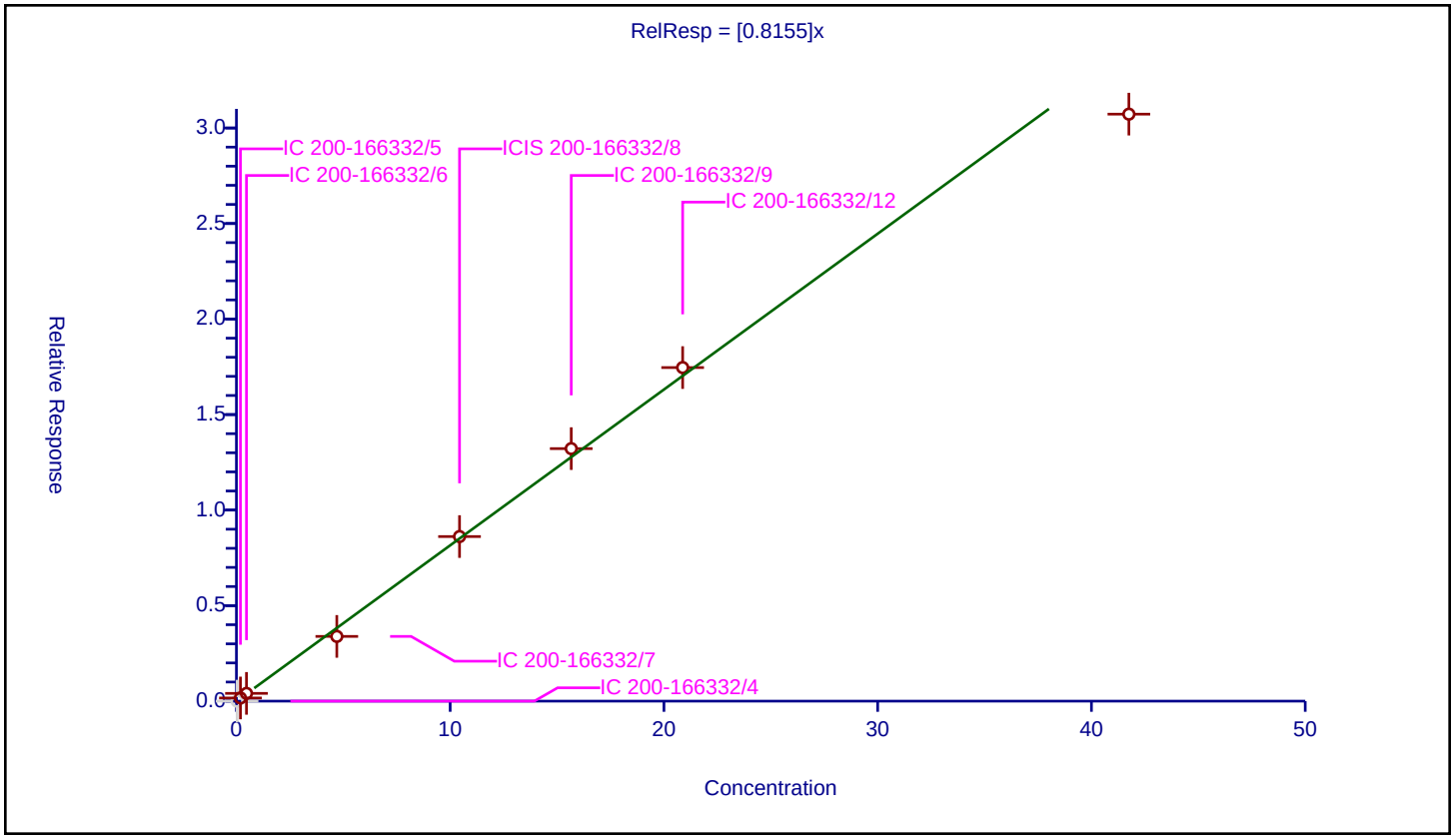
Curve Coefficients

Intercept:	0
Slope:	0.8155

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	7.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033481	0.0	10.0	579120.0	0.0	N
2	IC 200-166332/5	0.188333	0.165781	10.0	535103.0	0.880255	Y
3	IC 200-166332/6	0.470225	0.407049	10.0	536274.0	0.865648	Y
4	IC 200-166332/7	4.697089	3.388009	10.0	584960.0	0.7213	Y
5	ICIS 200-166332/8	10.437975	8.614858	10.0	596437.0	0.825338	Y
6	IC 200-166332/9	15.663713	13.217987	10.0	594036.0	0.84386	Y
7	IC 200-166332/12	20.875949	17.460956	10.0	625893.0	0.836415	Y
8	IC 200-166332/13	41.751898	30.725106	10.0	749352.0	0.735897	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

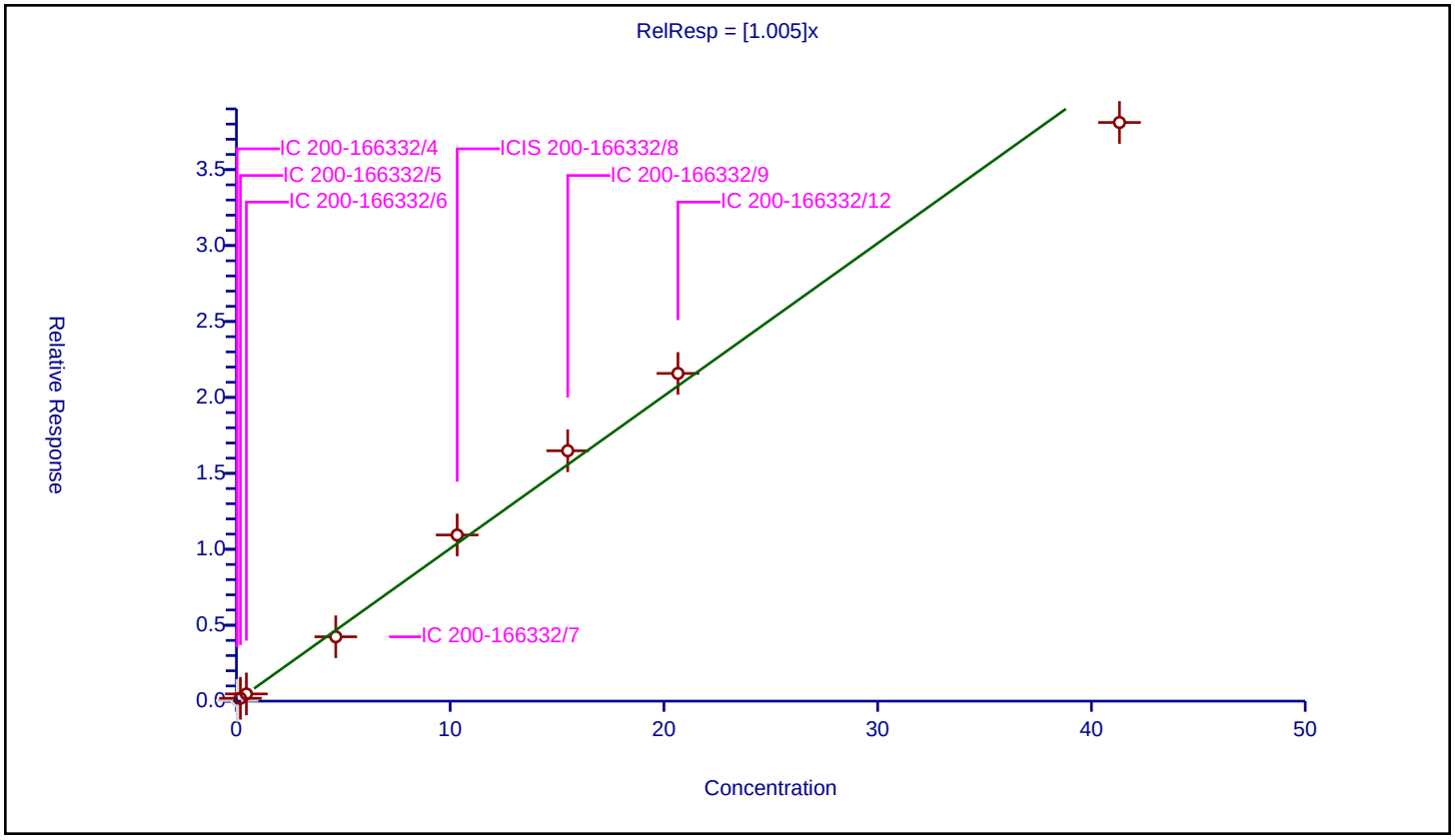
Curve Coefficients

Intercept:	0
Slope:	1.005

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033129	0.040855	10.0	579120.0	1.233225	N
2	IC 200-166332/5	0.186349	0.188861	10.0	535103.0	1.013481	Y
3	IC 200-166332/6	0.465271	0.474384	10.0	536274.0	1.019588	Y
4	IC 200-166332/7	4.647598	4.237674	10.0	584960.0	0.911799	Y
5	ICIS 200-166332/8	10.327996	10.940669	10.0	596437.0	1.059322	Y
6	IC 200-166332/9	15.498674	16.488058	10.0	594036.0	1.063837	Y
7	IC 200-166332/12	20.655992	21.58043	10.0	625893.0	1.044754	Y
8	IC 200-166332/13	41.311983	38.10563	10.0	749352.0	0.922387	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

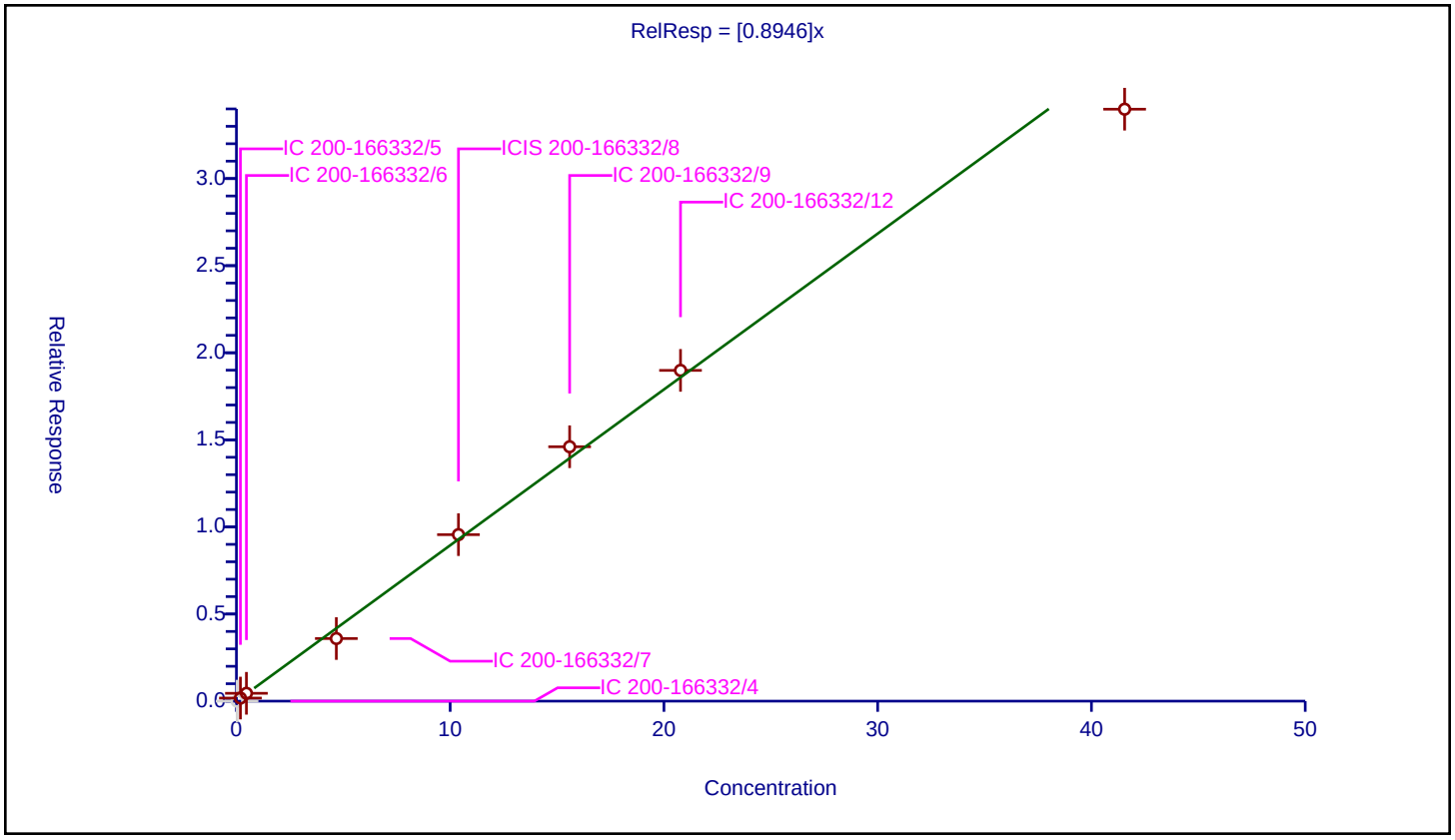
Curve Coefficients

Intercept:	0
Slope:	0.8946

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	8.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033321	0.0	10.0	579120.0	0.0	N
2	IC 200-166332/5	0.187431	0.176527	10.0	535103.0	0.941822	Y
3	IC 200-166332/6	0.467973	0.450553	10.0	536274.0	0.962776	Y
4	IC 200-166332/7	4.674593	3.593665	10.0	584960.0	0.768765	Y
5	ICIS 200-166332/8	10.387984	9.559132	10.0	596437.0	0.92021	Y
6	IC 200-166332/9	15.588696	14.603947	10.0	594036.0	0.936829	Y
7	IC 200-166332/12	20.775968	18.988038	10.0	625893.0	0.913942	Y
8	IC 200-166332/13	41.551937	33.983629	10.0	749352.0	0.817859	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

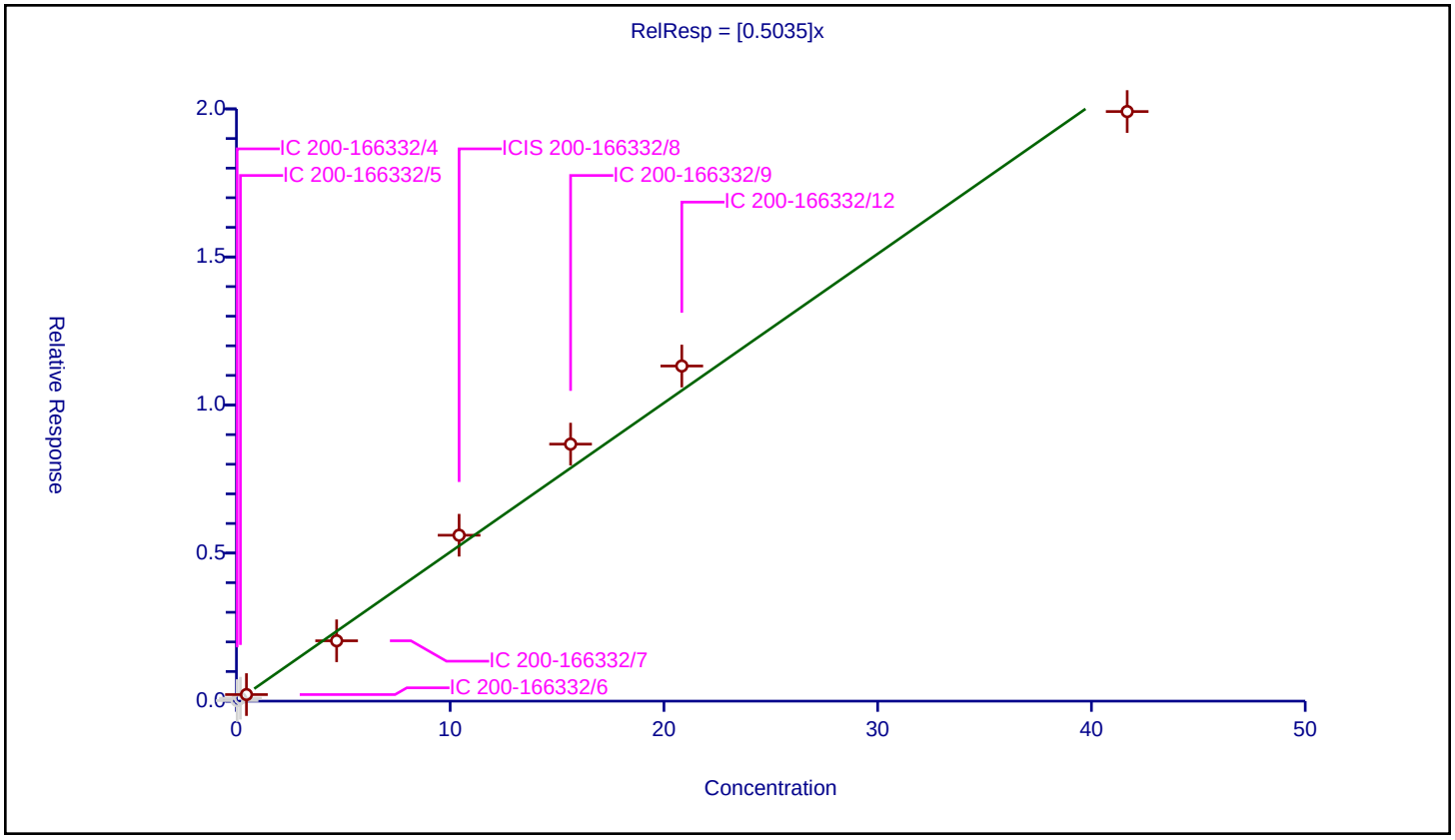
Curve Coefficients

Intercept:	0
Slope:	0.5035

Error Coefficients

Standard Error:	790000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033417	0.018321	10.0	579120.0	0.548246	N
2	IC 200-166332/5	0.187972	0.098691	10.0	535103.0	0.525031	N
3	IC 200-166332/6	0.469324	0.221603	10.0	536274.0	0.472175	Y
4	IC 200-166332/7	4.68809	2.038584	10.0	584960.0	0.434843	Y
5	ICIS 200-166332/8	10.417978	5.60257	10.0	596437.0	0.537779	Y
6	IC 200-166332/9	15.633706	8.680013	10.0	594036.0	0.555211	Y
7	IC 200-166332/12	20.835957	11.316807	10.0	625893.0	0.543138	Y
8	IC 200-166332/13	41.671914	19.910629	10.0	749352.0	0.477795	Y



Calibration / Alpha Methyl Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

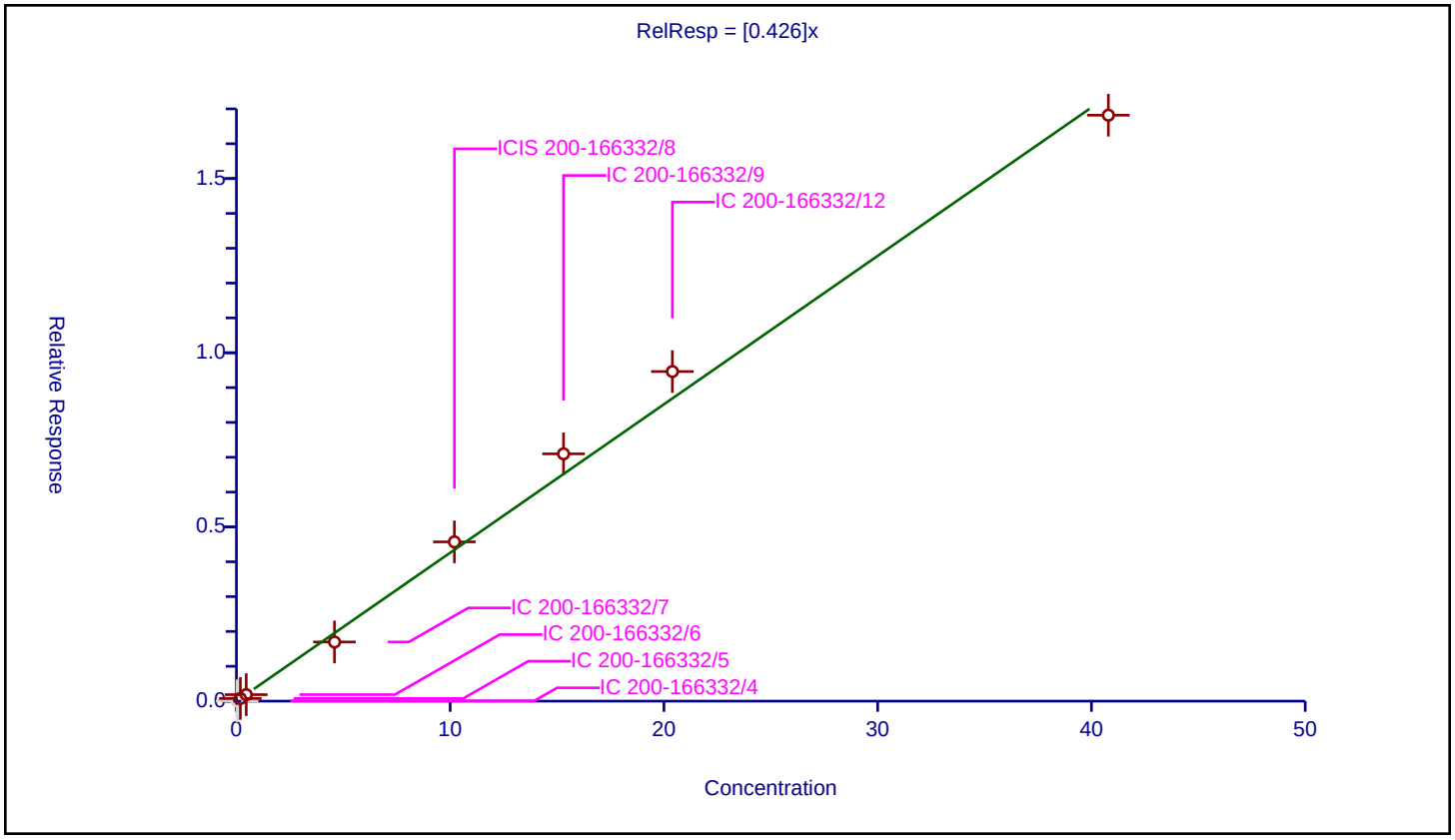
Curve Coefficients

Intercept:	0
Slope:	0.426

Error Coefficients

Standard Error:	606000
Relative Standard Error:	8.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032712	0.007425	10.0	579120.0	0.226984	N
2	IC 200-166332/5	0.184004	0.077107	10.0	535103.0	0.41905	Y
3	IC 200-166332/6	0.459415	0.186006	10.0	536274.0	0.404875	Y
4	IC 200-166332/7	4.589109	1.697449	10.0	584960.0	0.369886	Y
5	ICIS 200-166332/8	10.198021	4.571111	10.0	596437.0	0.448235	Y
6	IC 200-166332/9	15.303628	7.098577	10.0	594036.0	0.463849	Y
7	IC 200-166332/12	20.396042	9.461266	10.0	625893.0	0.463878	Y
8	IC 200-166332/13	40.792084	16.818985	10.0	749352.0	0.41231	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

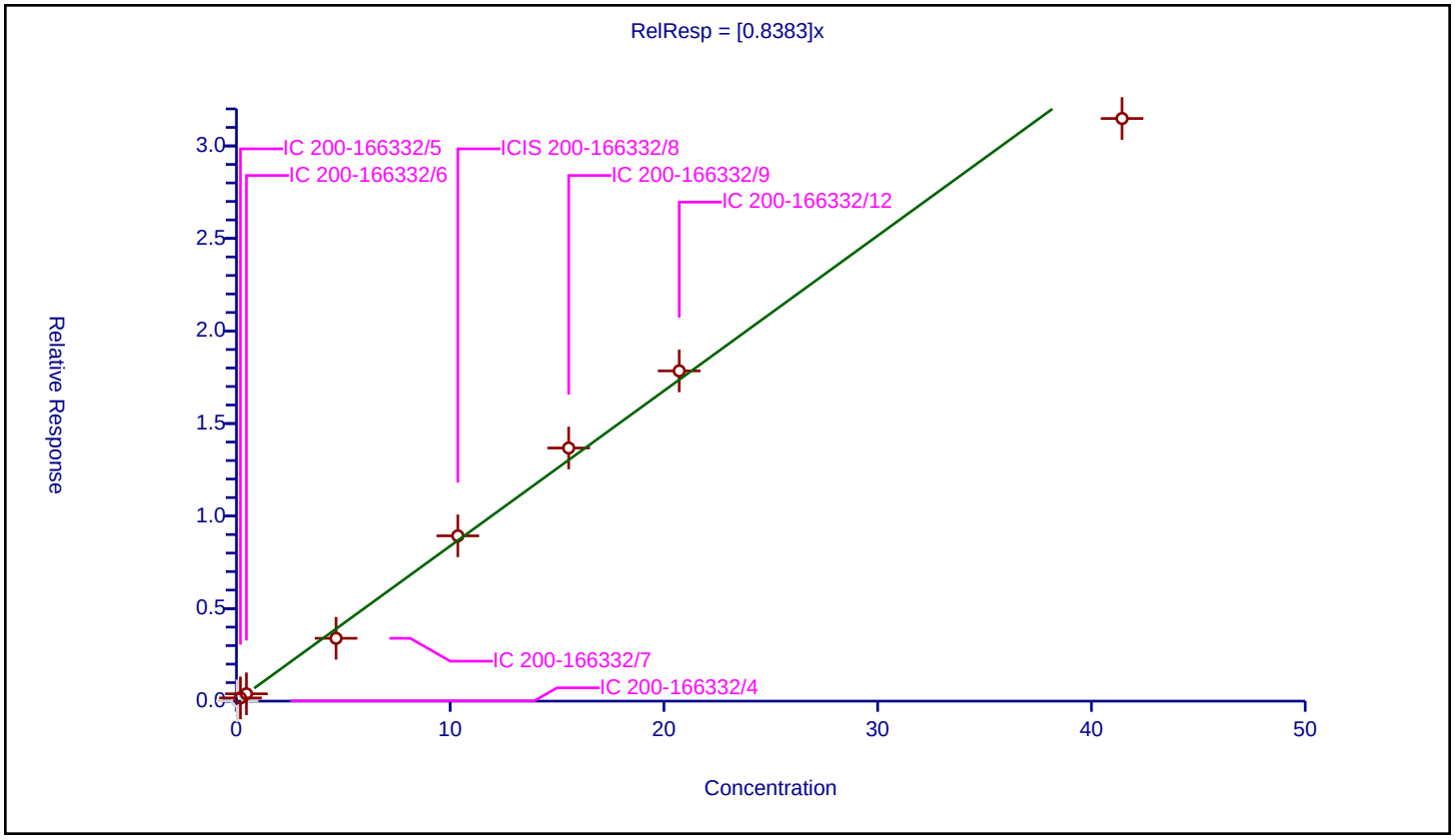
Curve Coefficients

Intercept:	0
Slope:	0.8383

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033225	0.015575	10.0	579120.0	0.468786	N
2	IC 200-166332/5	0.18689	0.173406	10.0	535103.0	0.92785	Y
3	IC 200-166332/6	0.466622	0.395824	10.0	536274.0	0.848275	Y
4	IC 200-166332/7	4.661096	3.394848	10.0	584960.0	0.728337	Y
5	ICIS 200-166332/8	10.35799	8.932159	10.0	596437.0	0.862345	Y
6	IC 200-166332/9	15.543685	13.678077	10.0	594036.0	0.879976	Y
7	IC 200-166332/12	20.71598	17.843897	10.0	625893.0	0.861359	Y
8	IC 200-166332/13	41.43196	31.480052	10.0	749352.0	0.759801	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

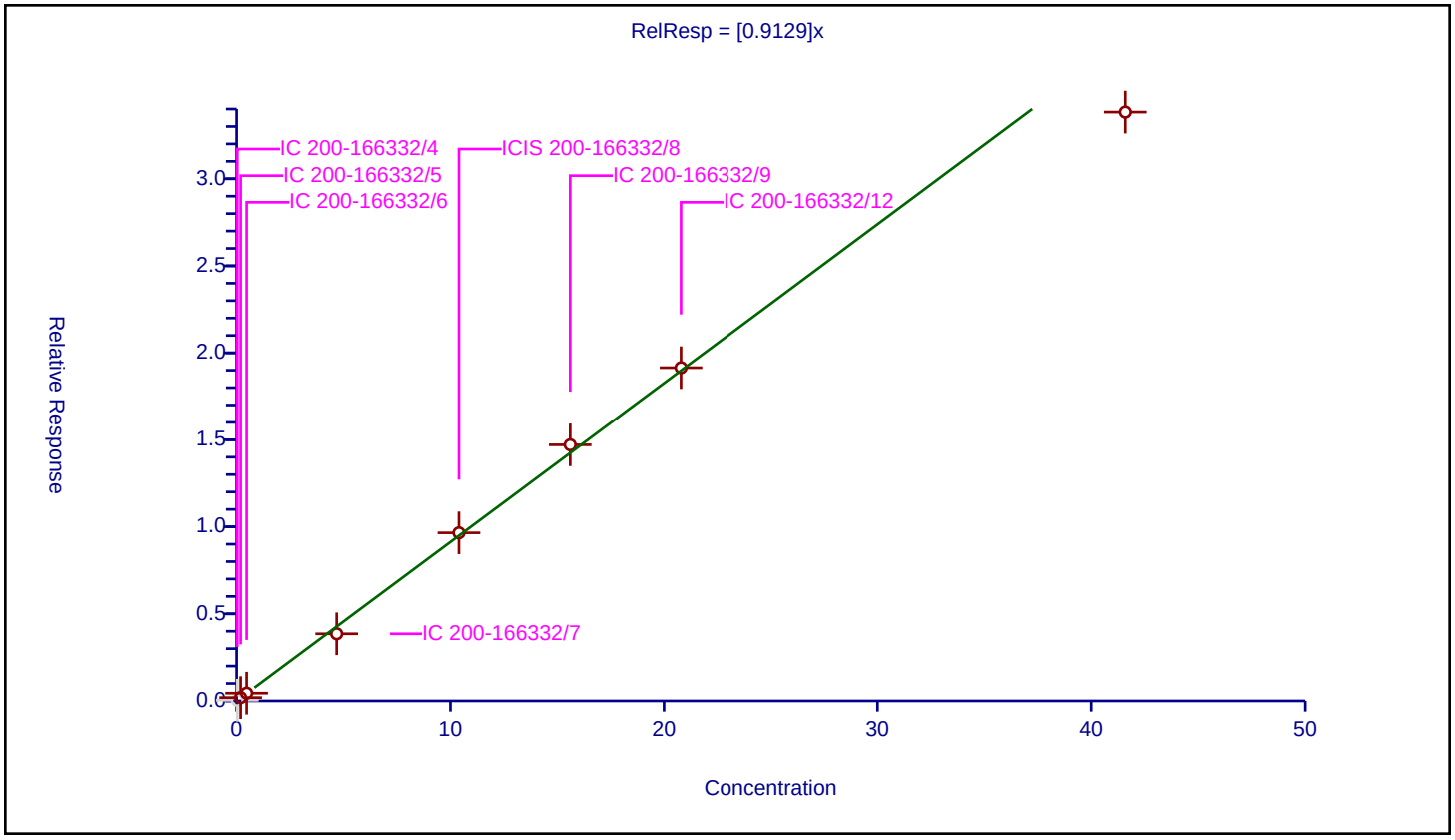
Curve Coefficients

Intercept:	0
Slope:	0.9129

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033353	0.039232	10.0	579120.0	1.176258	N
2	IC 200-166332/5	0.187612	0.189982	10.0	535103.0	1.012636	Y
3	IC 200-166332/6	0.468424	0.444549	10.0	536274.0	0.949032	Y
4	IC 200-166332/7	4.679092	3.853306	10.0	584960.0	0.823516	Y
5	ICIS 200-166332/8	10.397982	9.653593	10.0	596437.0	0.92841	Y
6	IC 200-166332/9	15.603699	14.710775	10.0	594036.0	0.942775	Y
7	IC 200-166332/12	20.795965	19.149327	10.0	625893.0	0.920819	Y
8	IC 200-166332/13	41.591929	33.823397	10.0	749352.0	0.81322	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

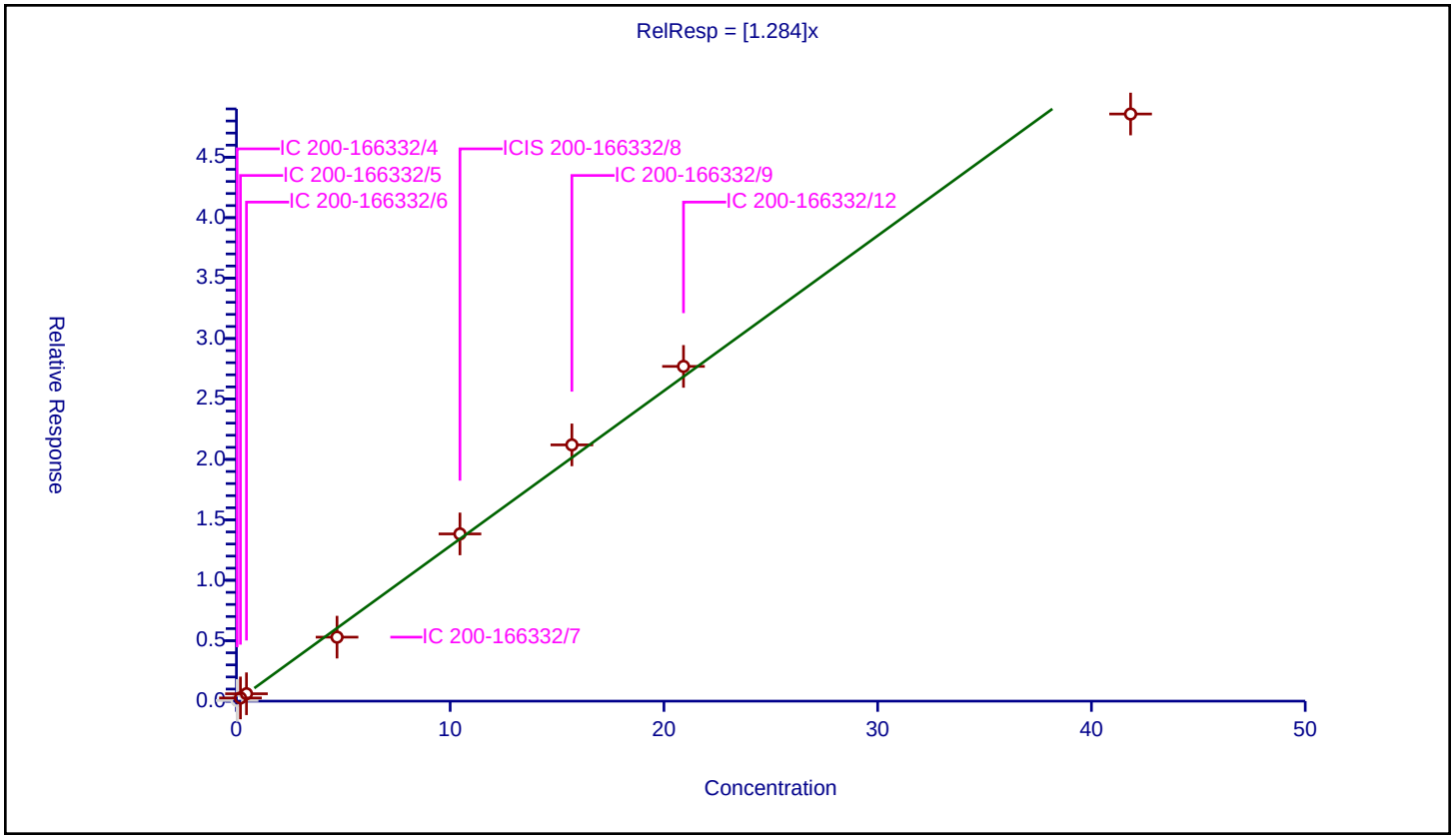
Curve Coefficients

Intercept:	0
Slope:	1.284

Error Coefficients

Standard Error:	1760000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033546	0.052873	10.0	579120.0	1.576164	N
2	IC 200-166332/5	0.188694	0.264416	10.0	535103.0	1.401298	Y
3	IC 200-166332/6	0.471126	0.612485	10.0	536274.0	1.300046	Y
4	IC 200-166332/7	4.706087	5.294721	10.0	584960.0	1.125079	Y
5	ICIS 200-166332/8	10.457971	13.835275	10.0	596437.0	1.322941	Y
6	IC 200-166332/9	15.69372	21.201106	10.0	594036.0	1.350929	Y
7	IC 200-166332/12	20.915941	27.695772	10.0	625893.0	1.324147	Y
8	IC 200-166332/13	41.831883	48.57605	10.0	749352.0	1.161221	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

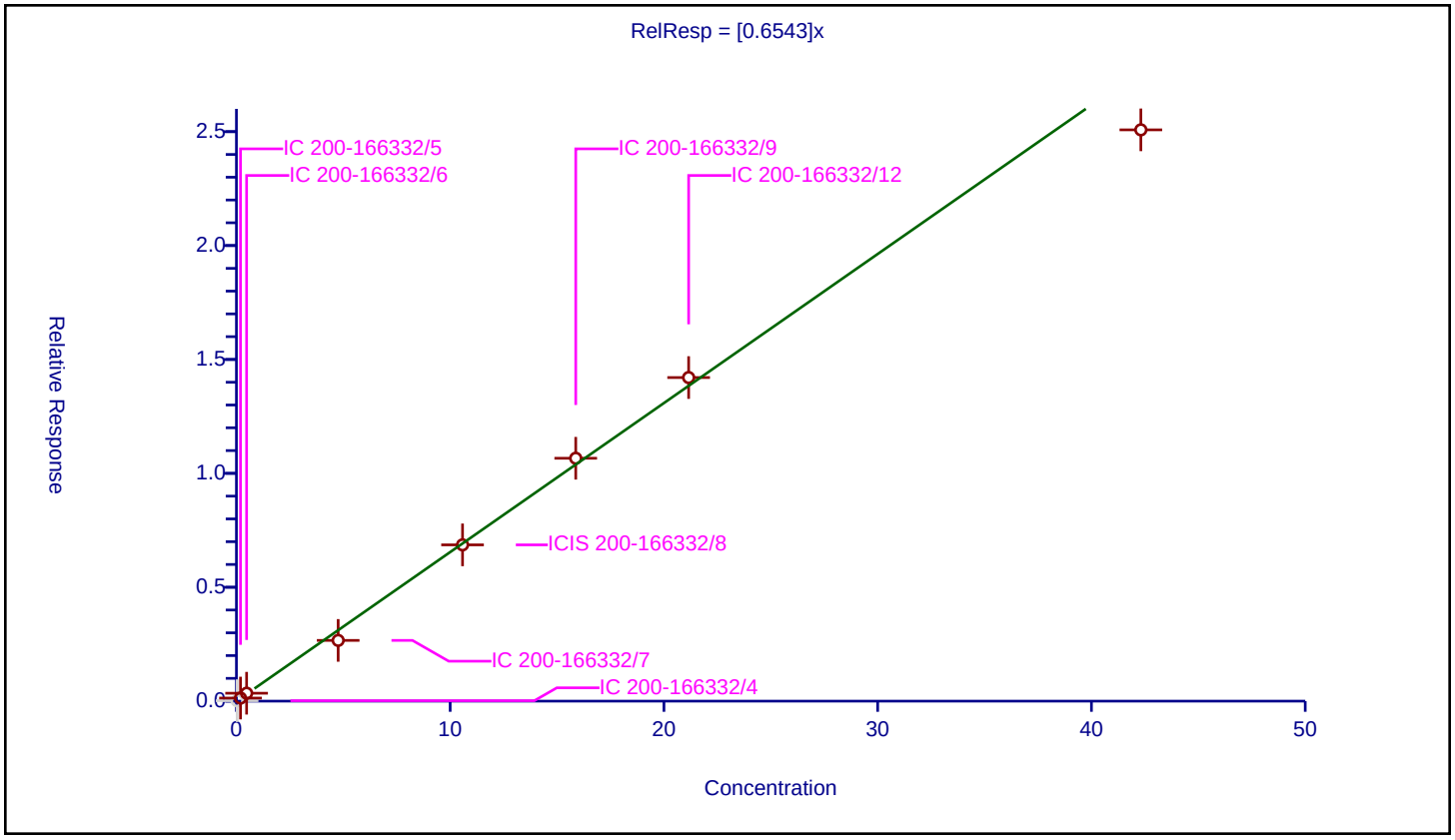
Curve Coefficients

Intercept:	0
Slope:	0.6543

Error Coefficients

Standard Error:	905000
Relative Standard Error:	9.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.03393	0.019219	10.0	579120.0	0.566418	N
2	IC 200-166332/5	0.190859	0.13474	10.0	535103.0	0.70597	Y
3	IC 200-166332/6	0.476531	0.347621	10.0	536274.0	0.729482	Y
4	IC 200-166332/7	4.760076	2.666986	10.0	584960.0	0.560282	Y
5	ICIS 200-166332/8	10.577947	6.859987	10.0	596437.0	0.648518	Y
6	IC 200-166332/9	15.873763	10.663057	10.0	594036.0	0.671741	Y
7	IC 200-166332/12	21.155895	14.206262	10.0	625893.0	0.671504	Y
8	IC 200-166332/13	42.311789	25.079962	10.0	749352.0	0.592742	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

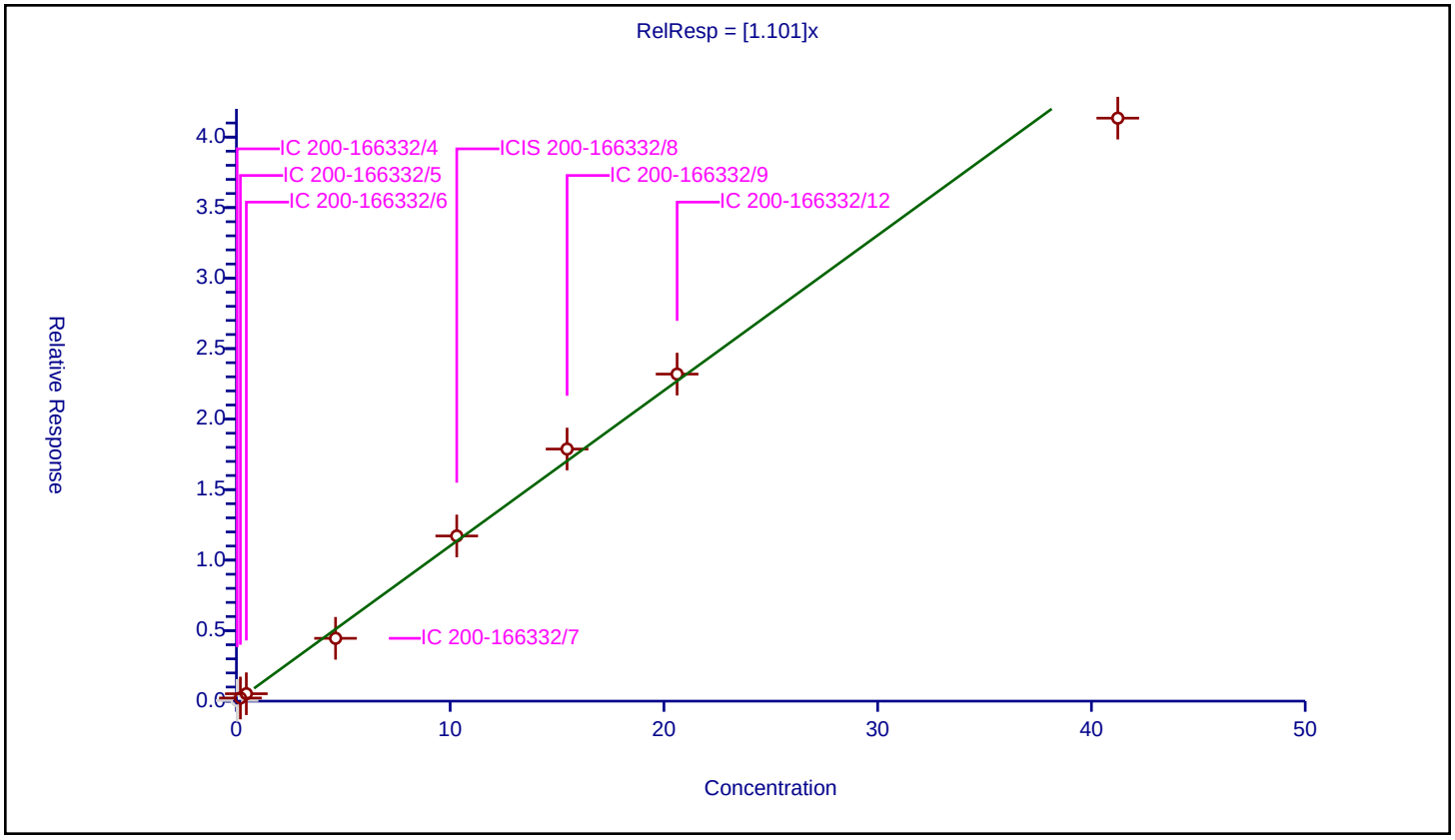
Curve Coefficients

Intercept:	0
Slope:	1.101

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033065	0.045483	10.0	579120.0	1.375577	N
2	IC 200-166332/5	0.185988	0.222013	10.0	535103.0	1.193697	Y
3	IC 200-166332/6	0.46437	0.526746	10.0	536274.0	1.134323	Y
4	IC 200-166332/7	4.6386	4.455245	10.0	584960.0	0.960472	Y
5	ICIS 200-166332/8	10.308	11.713576	10.0	596437.0	1.136358	Y
6	IC 200-166332/9	15.468667	17.877671	10.0	594036.0	1.155734	Y
7	IC 200-166332/12	20.615999	23.192511	10.0	625893.0	1.124976	Y
8	IC 200-166332/13	41.231999	41.344068	10.0	749352.0	1.002718	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

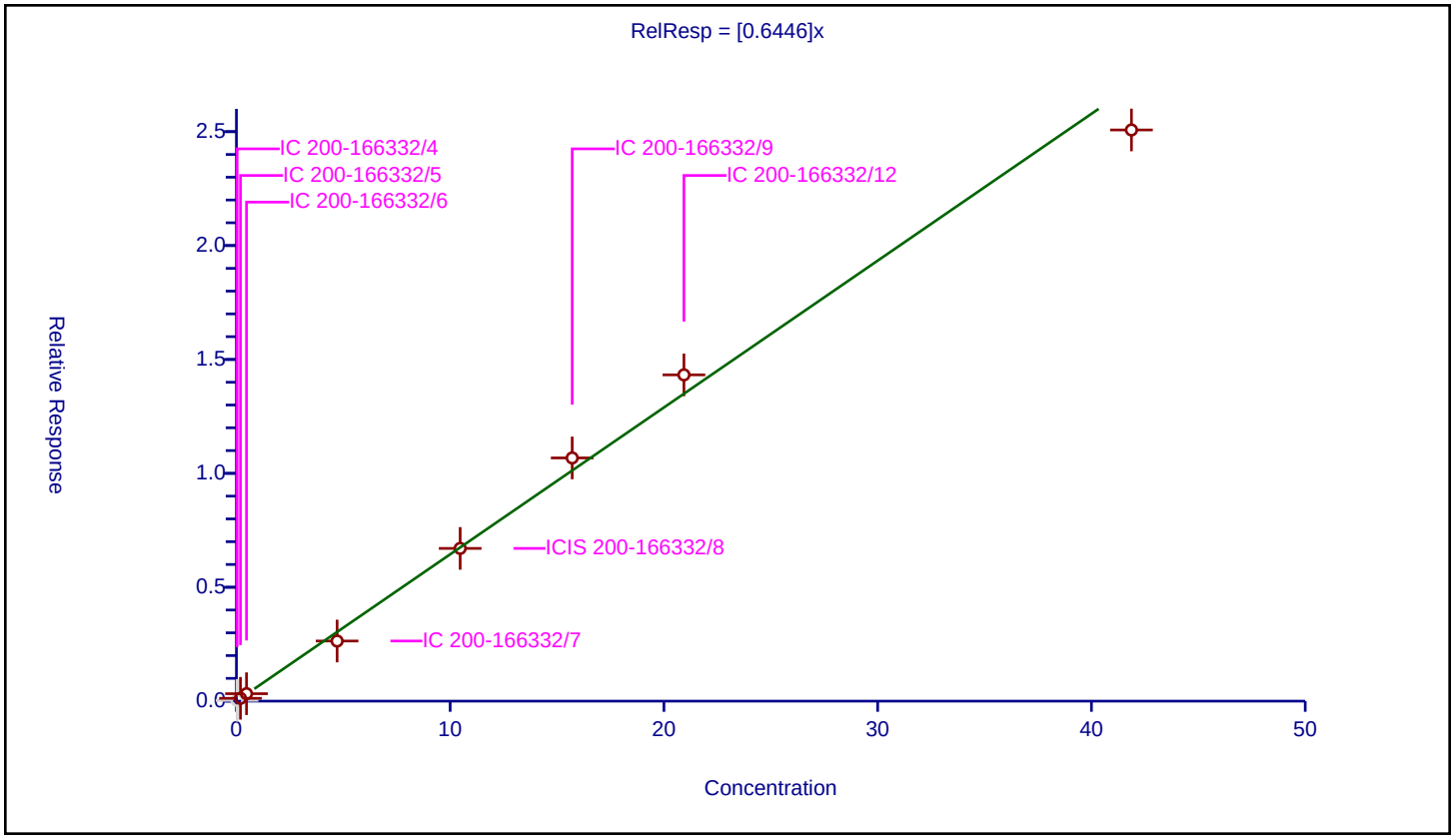
Curve Coefficients

Intercept:	0
Slope:	0.6446

Error Coefficients

Standard Error:	906000
Relative Standard Error:	7.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033578	0.033154	10.0	579120.0	0.987375	N
2	IC 200-166332/5	0.188874	0.123939	10.0	535103.0	0.656197	Y
3	IC 200-166332/6	0.471576	0.326475	10.0	536274.0	0.692305	Y
4	IC 200-166332/7	4.710586	2.63989	10.0	584960.0	0.560416	Y
5	ICIS 200-166332/8	10.467969	6.705536	10.0	596437.0	0.640577	Y
6	IC 200-166332/9	15.708724	10.676912	10.0	594036.0	0.67968	Y
7	IC 200-166332/12	20.935937	14.323982	10.0	625893.0	0.684182	Y
8	IC 200-166332/13	41.871875	25.075092	10.0	749352.0	0.598853	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

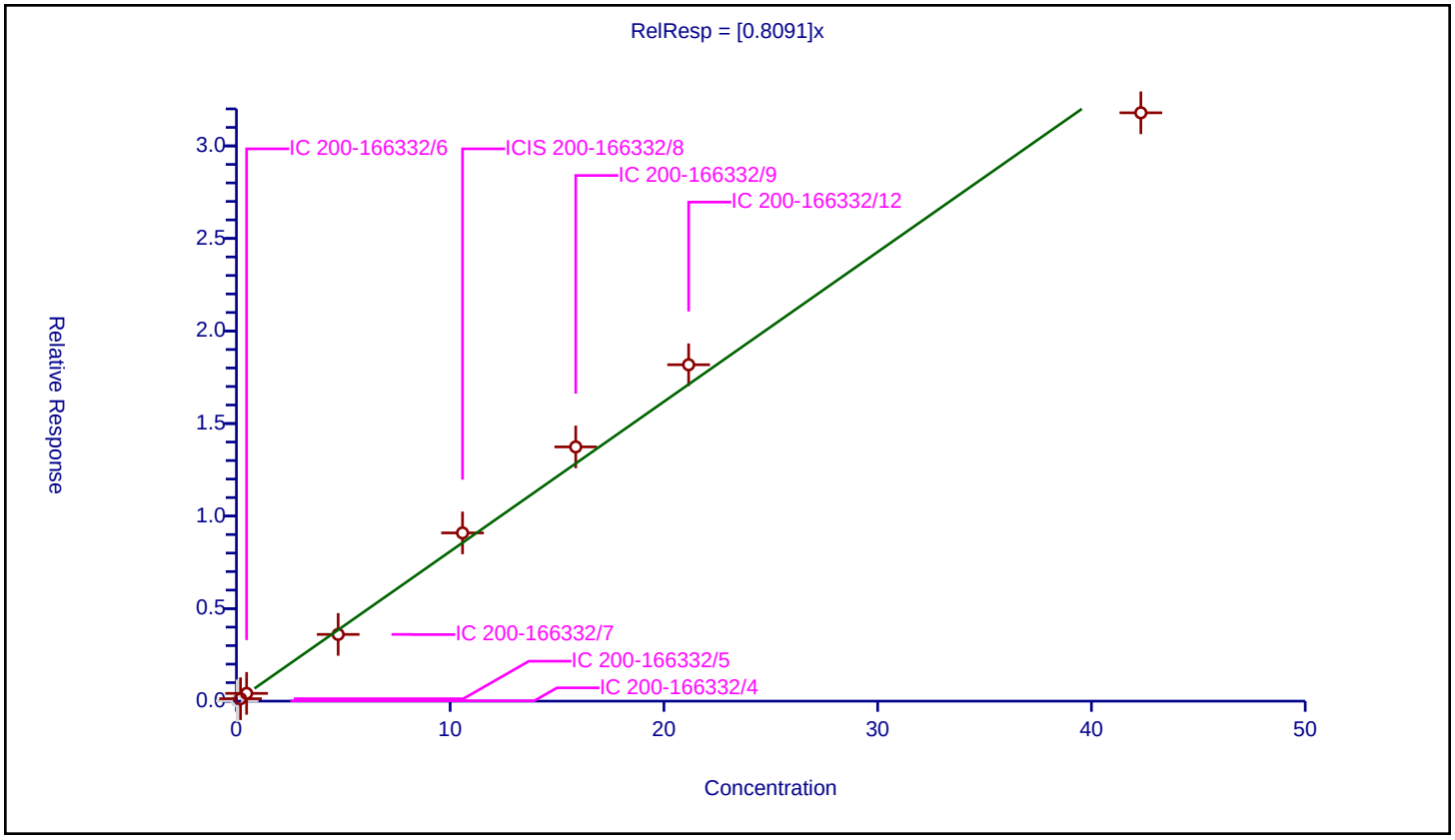
Curve Coefficients

Intercept:	0
Slope:	0.8091

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.03393	0.019029	10.0	579120.0	0.56082	N
2	IC 200-166332/5	0.190859	0.131975	10.0	535103.0	0.691478	Y
3	IC 200-166332/6	0.476531	0.419021	10.0	536274.0	0.879315	Y
4	IC 200-166332/7	4.760076	3.605836	10.0	584960.0	0.757516	Y
5	ICIS 200-166332/8	10.577947	9.089929	10.0	596437.0	0.859328	Y
6	IC 200-166332/9	15.873763	13.736306	10.0	594036.0	0.865347	Y
7	IC 200-166332/12	21.155895	18.175854	10.0	625893.0	0.859139	Y
8	IC 200-166332/13	42.311789	31.788745	10.0	749352.0	0.751298	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

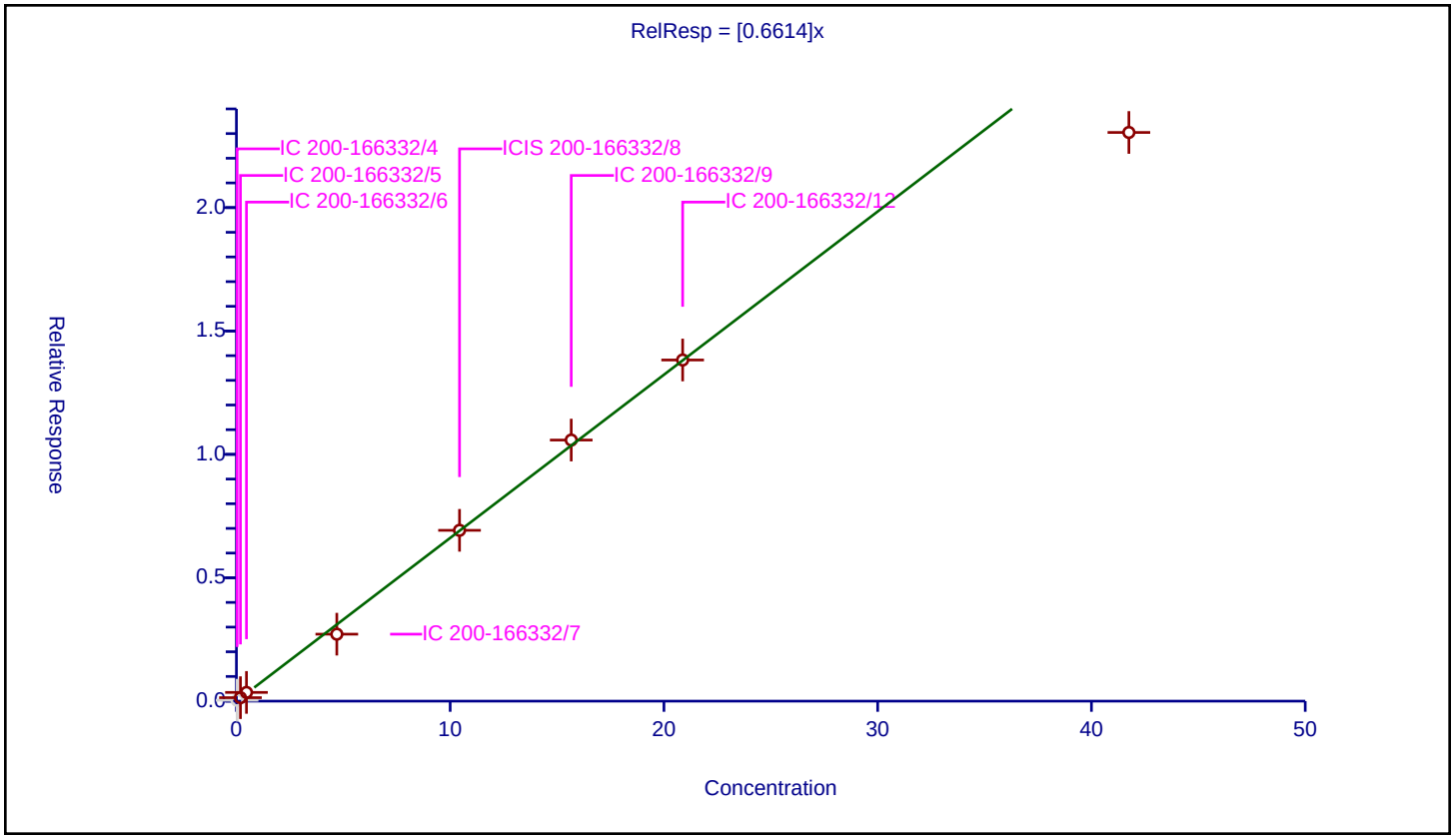
Curve Coefficients

Intercept:	0
Slope:	0.6614

Error Coefficients

Standard Error:	849000
Relative Standard Error:	11.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033481	0.036573	10.0	579120.0	1.092328	N
2	IC 200-166332/5	0.188333	0.140683	10.0	535103.0	0.746991	Y
3	IC 200-166332/6	0.470225	0.353607	10.0	536274.0	0.751994	Y
4	IC 200-166332/7	4.697089	2.71422	10.0	584960.0	0.577852	Y
5	ICIS 200-166332/8	10.437975	6.922475	10.0	596437.0	0.663201	Y
6	IC 200-166332/9	15.663713	10.580285	10.0	594036.0	0.675465	Y
7	IC 200-166332/12	20.875949	13.823801	10.0	625893.0	0.662188	Y
8	IC 200-166332/13	41.751898	23.044964	10.0	749352.0	0.55195	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

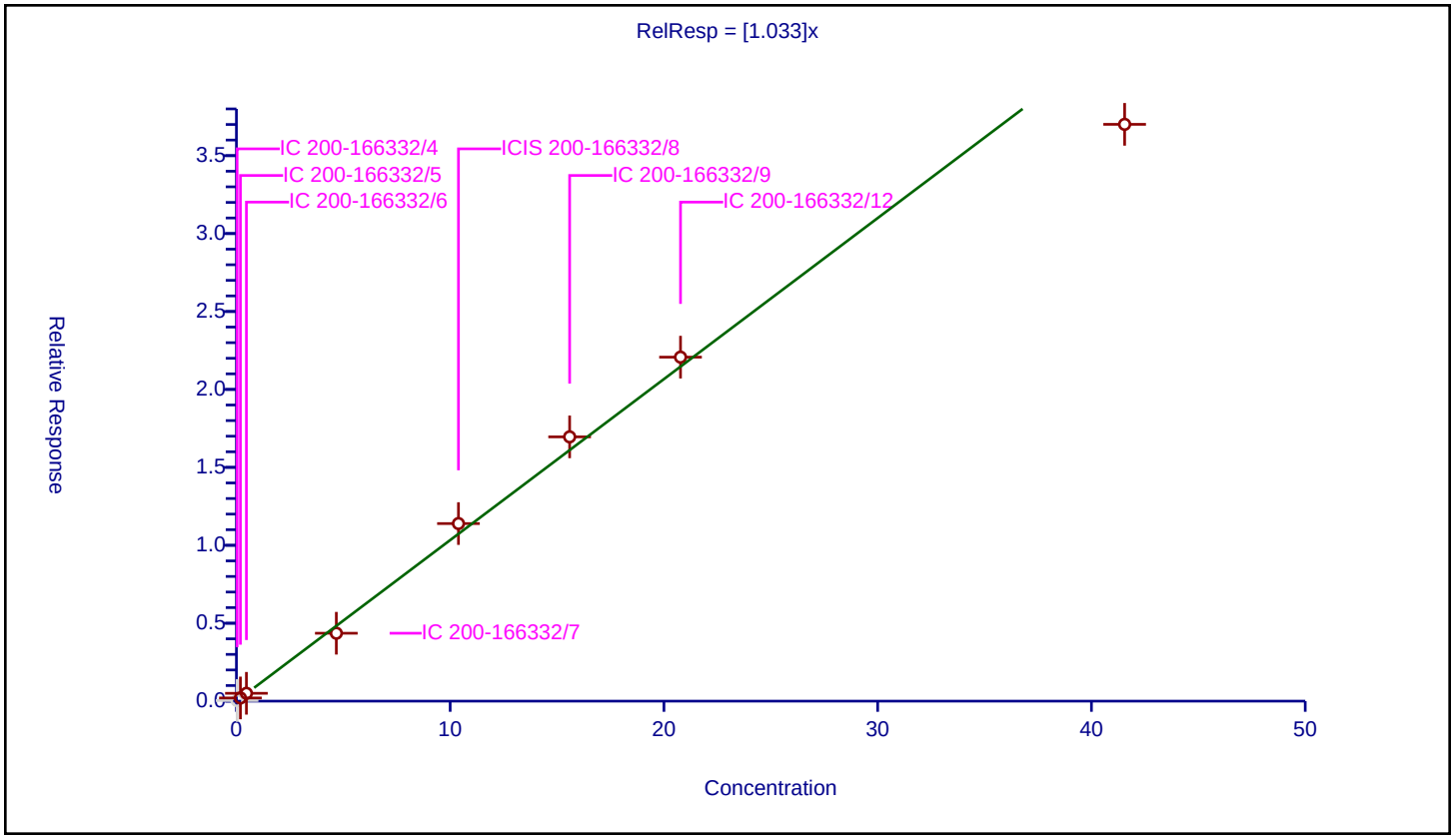
Curve Coefficients

Intercept:	0
Slope:	1.033

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	8.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033321	0.037971	10.0	579120.0	1.139561	N
2	IC 200-166332/5	0.187431	0.203867	10.0	535103.0	1.087692	Y
3	IC 200-166332/6	0.467973	0.503064	10.0	536274.0	1.074984	Y
4	IC 200-166332/7	4.674593	4.356965	10.0	584960.0	0.932052	Y
5	ICIS 200-166332/8	10.387984	11.393592	10.0	596437.0	1.096805	Y
6	IC 200-166332/9	15.588696	16.956969	10.0	594036.0	1.087773	Y
7	IC 200-166332/12	20.775968	22.070482	10.0	625893.0	1.062308	Y
8	IC 200-166332/13	41.551937	37.008188	10.0	749352.0	0.890649	Y



Calibration / Undecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

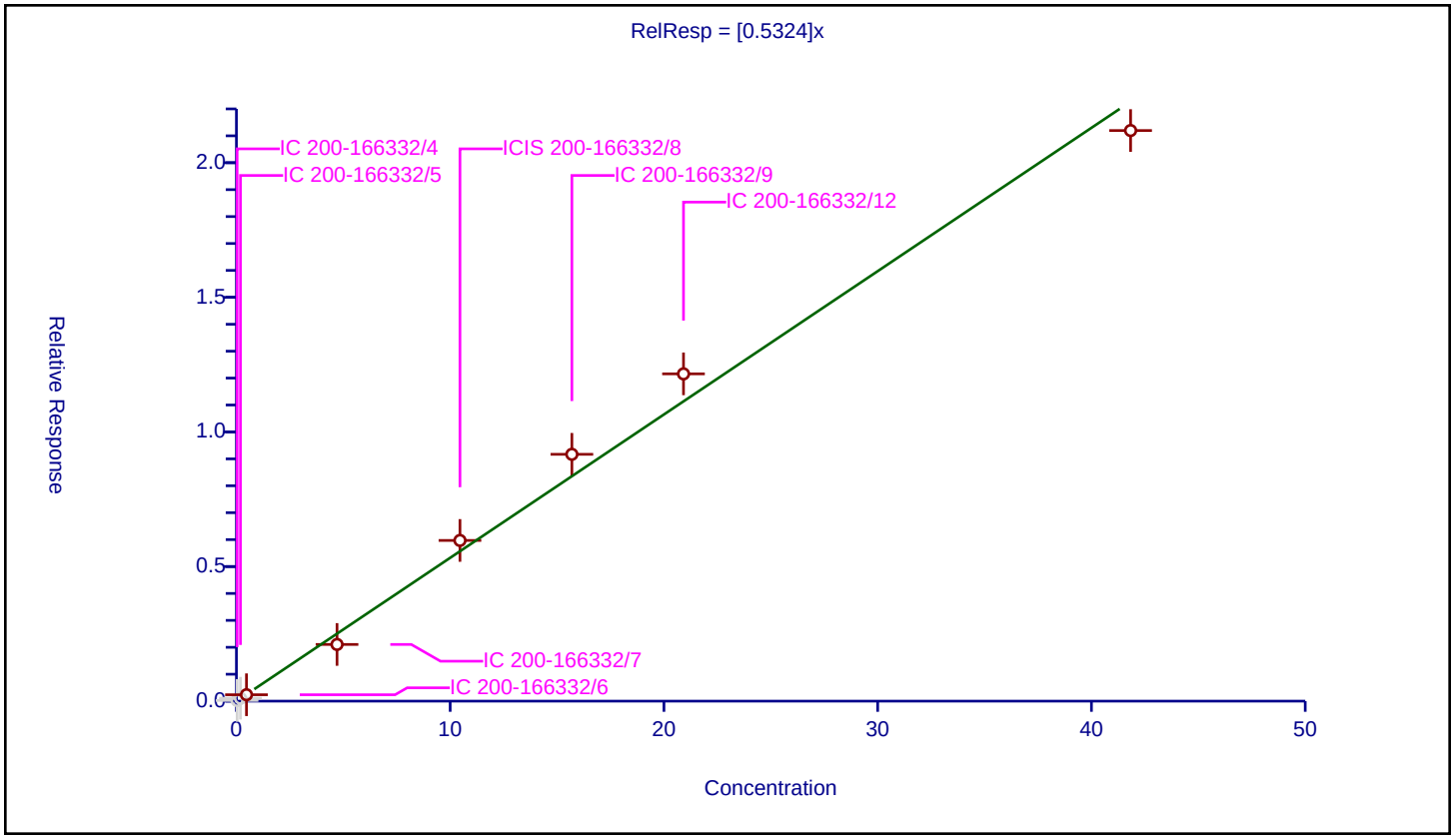
Curve Coefficients

Intercept:	0
Slope:	0.5324

Error Coefficients

Standard Error:	841000
Relative Standard Error:	10.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.033546	0.025521	10.0	579120.0	0.7608	N
2	IC 200-166332/5	0.188694	0.108372	10.0	535103.0	0.574325	N
3	IC 200-166332/6	0.471126	0.237472	10.0	536274.0	0.504052	Y
4	IC 200-166332/7	4.706087	2.105614	10.0	584960.0	0.447424	Y
5	ICIS 200-166332/8	10.457971	5.969231	10.0	596437.0	0.570783	Y
6	IC 200-166332/9	15.69372	9.168973	10.0	594036.0	0.584245	Y
7	IC 200-166332/12	20.915941	12.157302	10.0	625893.0	0.581246	Y
8	IC 200-166332/13	41.831883	21.19598	10.0	749352.0	0.506694	Y



Calibration / Dodecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

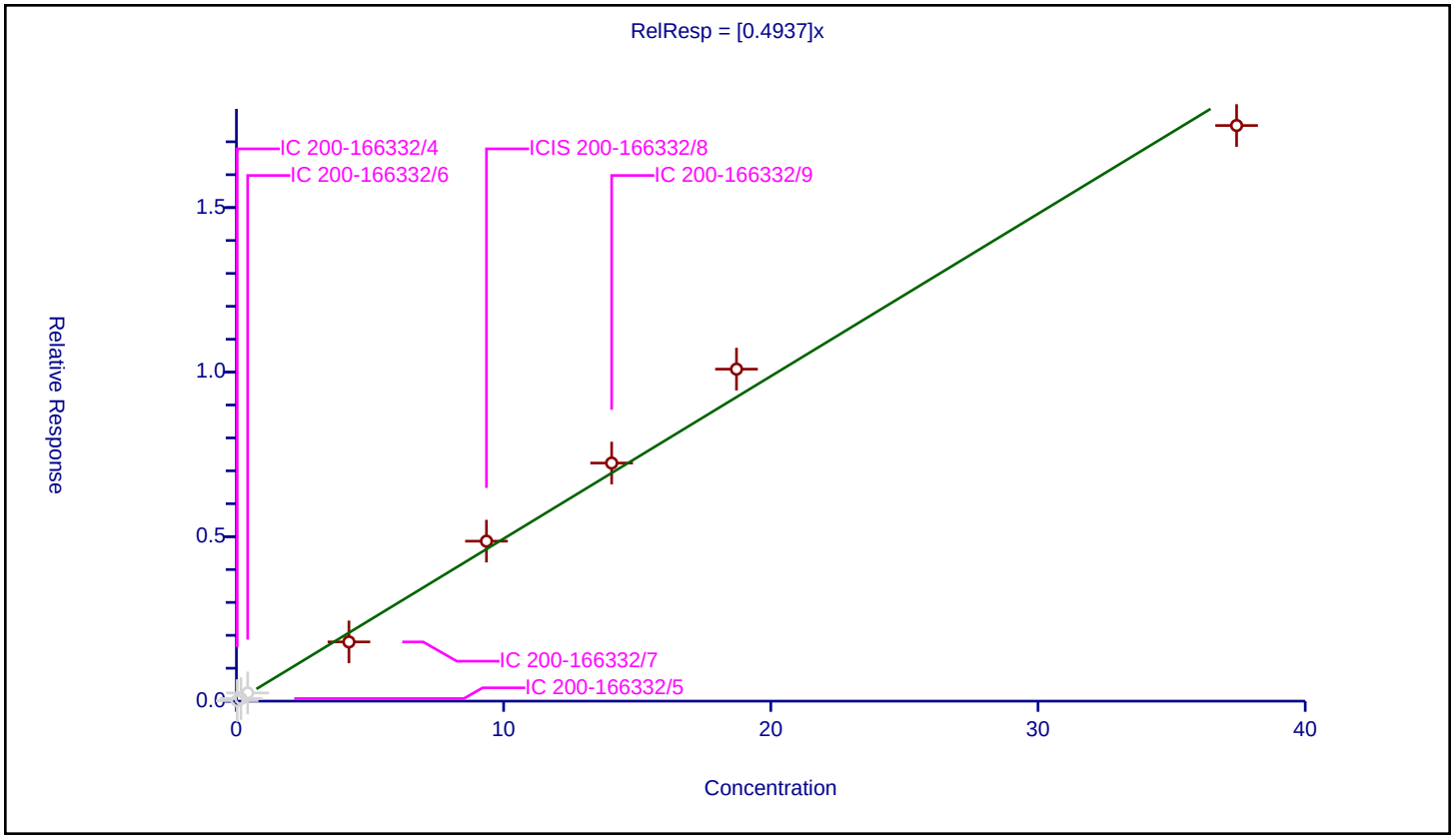
Curve Coefficients

Intercept:	0
Slope:	0.4937

Error Coefficients

Standard Error:	774000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.030018	0.015921	10.0	579120.0	0.530375	N
2	IC 200-166332/5	0.16885	0.077873	10.0	535103.0	0.461194	N
3	IC 200-166332/6	0.421581	0.24922	10.0	536274.0	0.591154	N
4	IC 200-166332/7	4.211183	1.799593	10.0	584960.0	0.427337	Y
5	ICIS 200-166332/8	9.358184	4.861855	10.0	596437.0	0.51953	Y
6	IC 200-166332/9	14.043329	7.23638	10.0	594036.0	0.515289	Y
7	IC 200-166332/12	18.716368	10.090479	10.0	625893.0	0.539126	Y
8	IC 200-166332/13	37.432736	17.495169	10.0	749352.0	0.467376	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

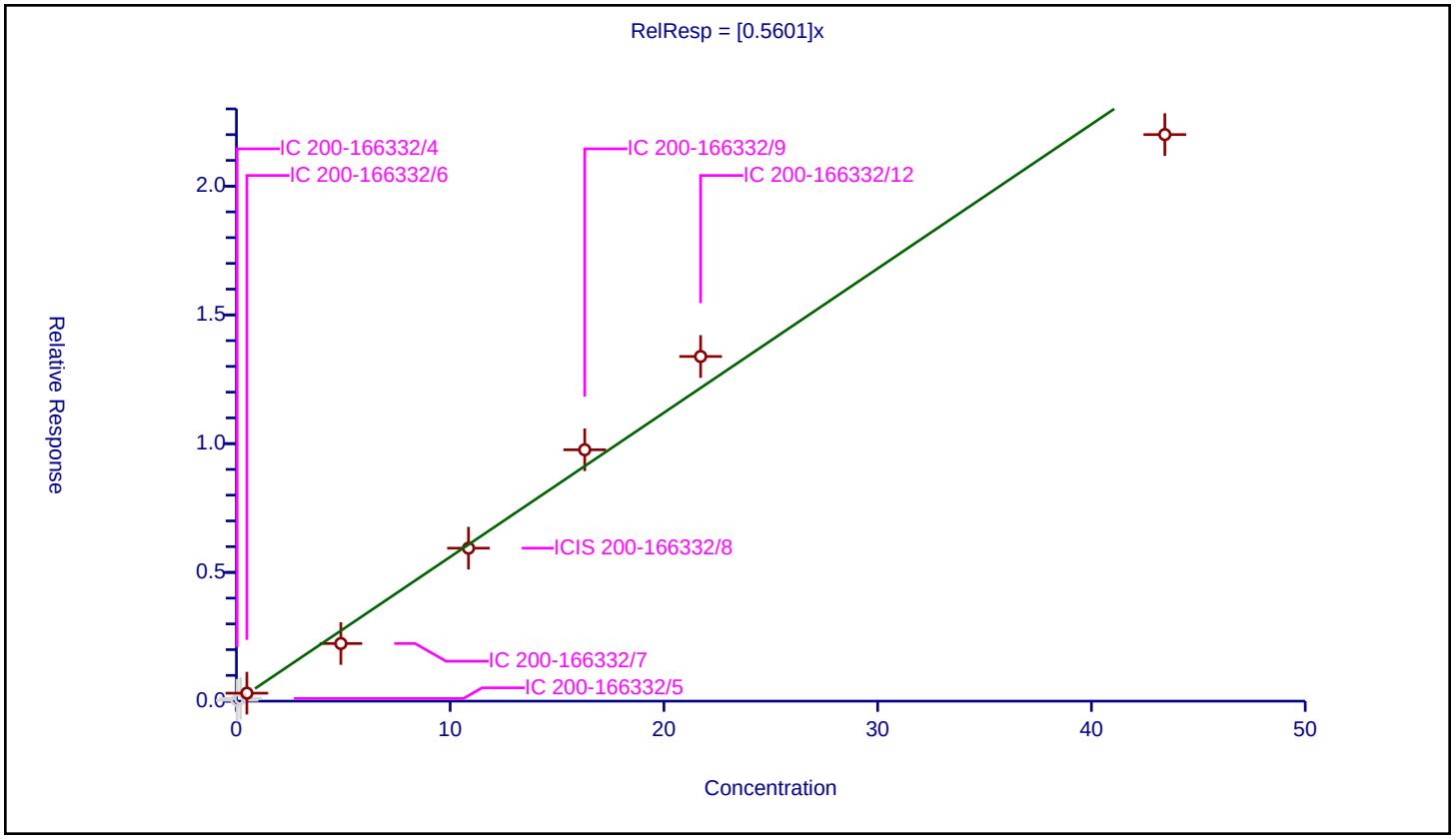
Curve Coefficients

Intercept:	0
Slope:	0.5601

Error Coefficients

Standard Error:	883000
Relative Standard Error:	12.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.034828	0.033465	10.0	579120.0	0.960841	N
2	IC 200-166332/5	0.19591	0.103569	10.0	535103.0	0.528656	N
3	IC 200-166332/6	0.489142	0.30973	10.0	536274.0	0.63321	Y
4	IC 200-166332/7	4.886052	2.237897	10.0	584960.0	0.458017	Y
5	ICIS 200-166332/8	10.857893	5.940259	10.0	596437.0	0.547091	Y
6	IC 200-166332/9	16.293863	9.761647	10.0	594036.0	0.5991	Y
7	IC 200-166332/12	21.715786	13.384524	10.0	625893.0	0.61635	Y
8	IC 200-166332/13	43.431572	22.002223	10.0	749352.0	0.506595	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

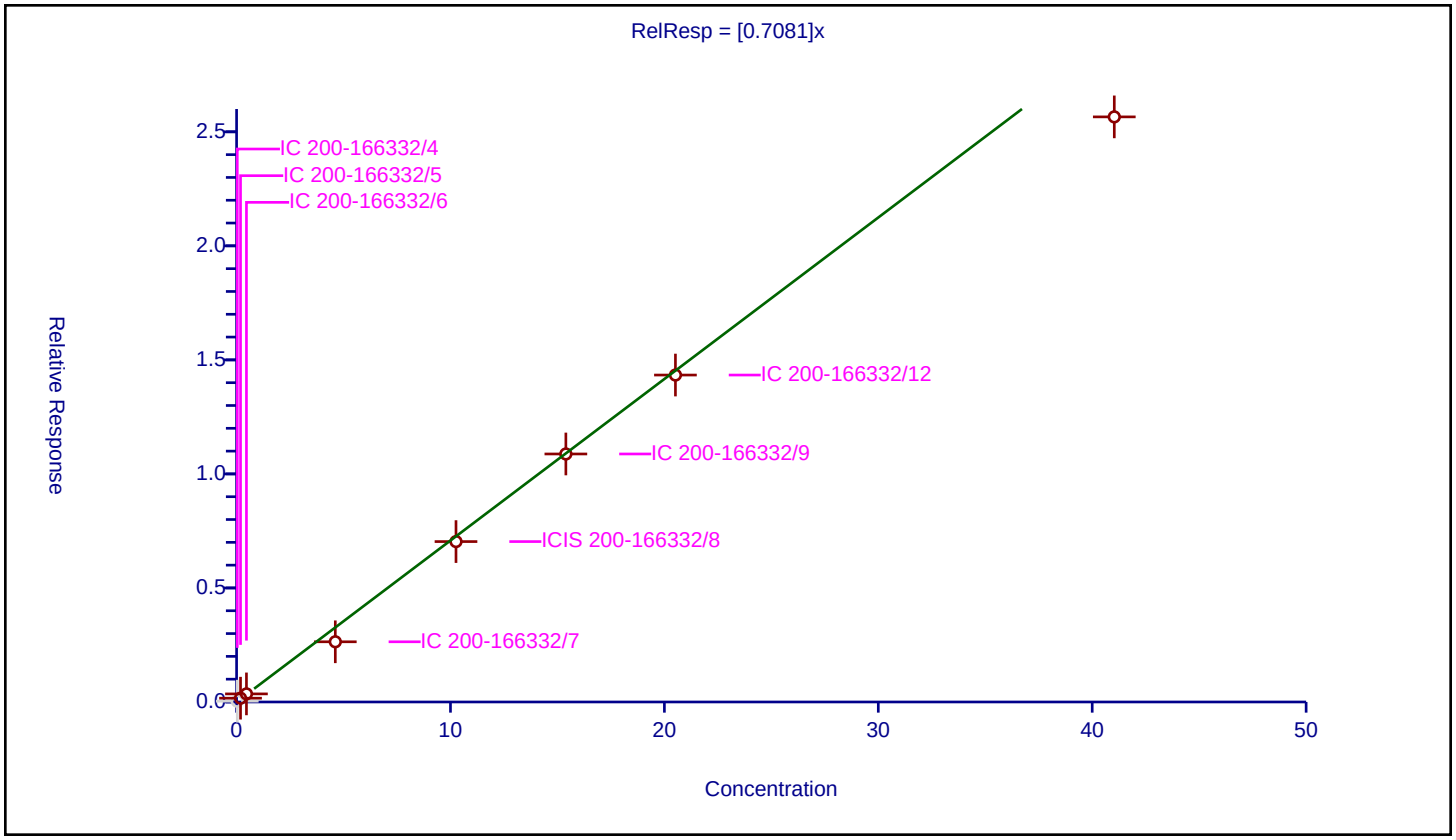
Curve Coefficients

Intercept:	0
Slope:	0.7081

Error Coefficients

Standard Error:	924000
Relative Standard Error:	14.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.032904	0.036089	10.0	579120.0	1.096798	N
2	IC 200-166332/5	0.185086	0.166603	10.0	535103.0	0.900141	Y
3	IC 200-166332/6	0.462118	0.355248	10.0	536274.0	0.768738	Y
4	IC 200-166332/7	4.616104	2.639668	10.0	584960.0	0.571839	Y
5	ICIS 200-166332/8	10.258009	7.033752	10.0	596437.0	0.685684	Y
6	IC 200-166332/9	15.393649	10.874627	10.0	594036.0	0.706436	Y
7	IC 200-166332/12	20.516019	14.336061	10.0	625893.0	0.698774	Y
8	IC 200-166332/13	41.032038	25.654872	10.0	749352.0	0.62524	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

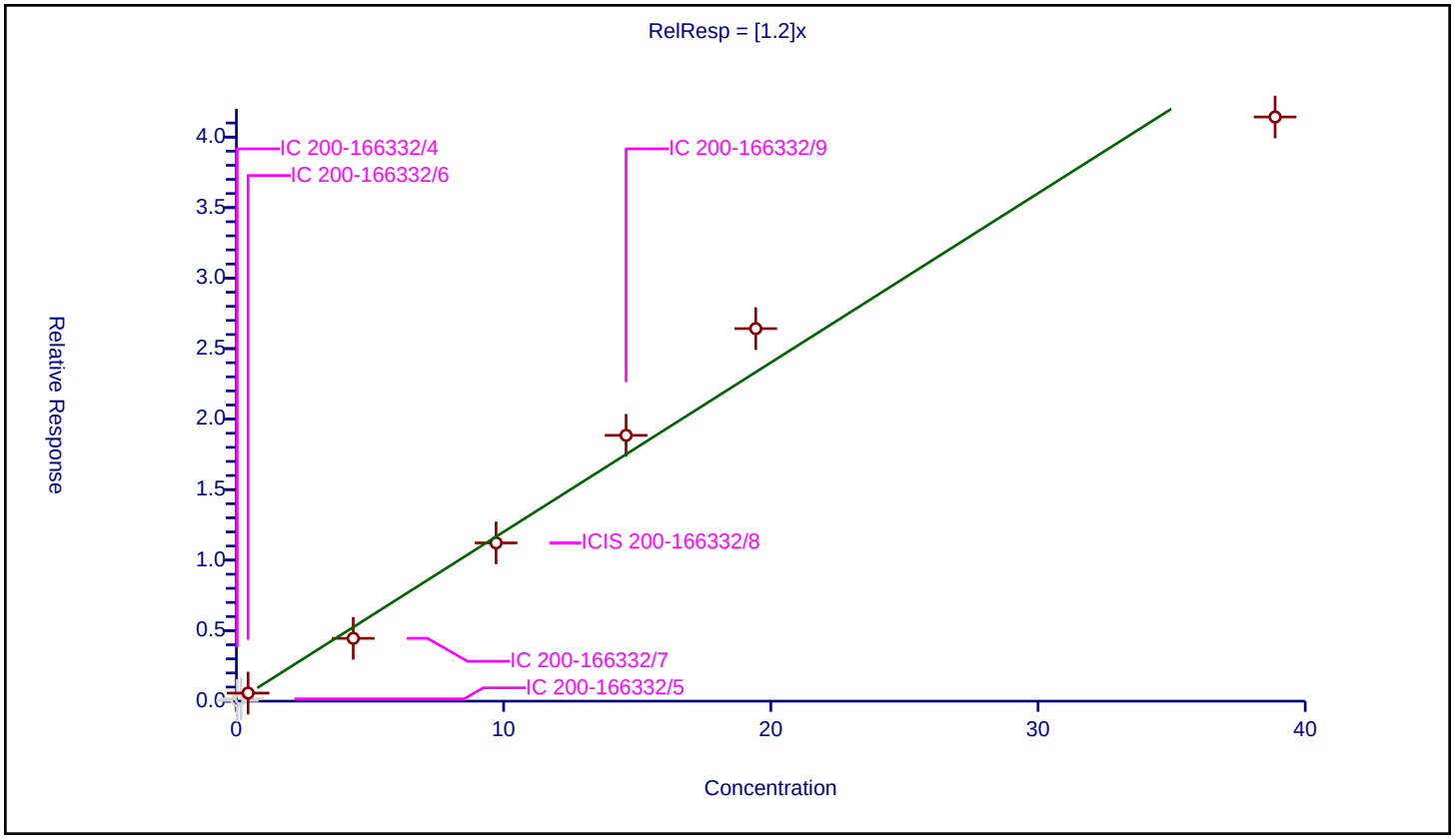
Curve Coefficients

Intercept:	0
Slope:	1.2

Error Coefficients

Standard Error:	1680000
Relative Standard Error:	11.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.031172	0.048332	10.0	579120.0	1.550474	N
2	IC 200-166332/5	0.175345	0.163669	10.0	535103.0	0.933416	N
3	IC 200-166332/6	0.437796	0.574072	10.0	536274.0	1.311278	Y
4	IC 200-166332/7	4.373151	4.454407	10.0	584960.0	1.018581	Y
5	ICIS 200-166332/8	9.718114	11.222627	10.0	596437.0	1.154815	Y
6	IC 200-166332/9	14.583457	18.851938	10.0	594036.0	1.292693	Y
7	IC 200-166332/12	19.436228	26.418525	10.0	625893.0	1.359241	Y
8	IC 200-166332/13	38.872457	41.426539	10.0	749352.0	1.065704	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

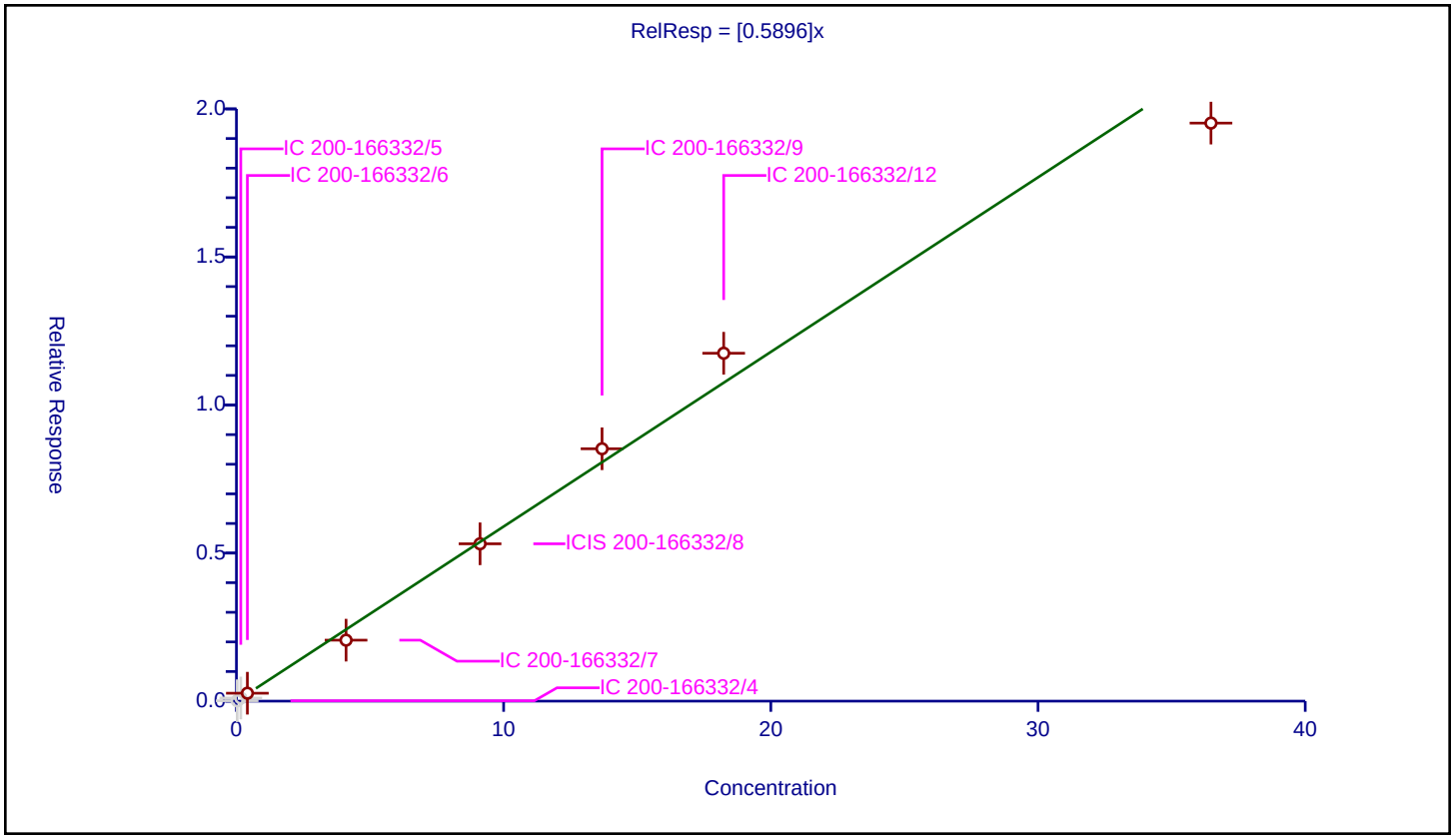
Curve Coefficients

Intercept:	0
Slope:	0.5896

Error Coefficients

Standard Error:	781000
Relative Standard Error:	10.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-166332/4	0.029248	0.012623	10.0	579120.0	0.431569	N
2	IC 200-166332/5	0.164521	0.105774	10.0	535103.0	0.642922	N
3	IC 200-166332/6	0.410771	0.267345	10.0	536274.0	0.650836	Y
4	IC 200-166332/7	4.103204	2.058842	10.0	584960.0	0.501764	Y
5	ICIS 200-166332/8	9.118231	5.313503	10.0	596437.0	0.582734	Y
6	IC 200-166332/9	13.683244	8.522514	10.0	594036.0	0.622843	Y
7	IC 200-166332/12	18.236461	11.748478	10.0	625893.0	0.64423	Y
8	IC 200-166332/13	36.472922	19.520826	10.0	749352.0	0.535214	Y



FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 165684

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/08/2021 17:20 Calibration End Date: 04/09/2021 11:15 Calibration ID: 45529

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-165684/4	45522-04.D
Level 2	IC 200-165684/5	45522-05.D
Level 3	IC 200-165684/22	45522-22.D
Level 4	IC 200-165684/7	45522-07.D
Level 5	ICIS 200-165684/8	45522-08.D
Level 6	IC 200-165684/9	45522-09.D
Level 7	IC 200-165684/23	45522-23.D
Level 8	IC 200-165684/13	45522-13.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 1.4238	+++++ 1.3088	1.2956 1.3407	1.3910	1.3147	Ave		1.3458				3.8		30.0			
Dichlorodifluoromethane	+++++ 4.1663	+++++ 3.8351	3.3254 3.7508	3.5578	3.8456	Ave		3.7468				7.6		30.0			
Chlorodifluoromethane	+++++ 2.4519	+++++ 2.2579	2.0105 2.2950	2.3767	2.2760	Ave		2.2780				6.6		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 4.7704	4.6146 4.3979	3.6317 4.4471	4.4402	4.3626	Ave		4.3806				8.2		30.0			
Chloromethane	+++++ 1.4626	+++++ 1.3409	1.1120 1.3954	1.3593	1.3246	Ave		1.3325				8.9		30.0			
Vinyl chloride	1.2254 1.5638	1.4946 1.4589	1.1101 1.4522	1.4403	1.4007	Ave		1.3932				10.8		30.0			
n-Butane	+++++ 2.0967	+++++ 1.9353	1.5486 1.9362	1.9700	1.8678	Ave		1.8925				9.8		30.0			
1,3-Butadiene	0.5874 1.2140	1.0779 1.1330	0.8860 1.1047	1.0926	1.0261	Ave		1.0152				19.4		30.0			
Bromomethane	+++++ 1.5198	1.4610 1.4003	1.1771 1.4993	1.4440	1.3825	Ave		1.4120				8.1		30.0			
Chloroethane	+++++ 0.7818	+++++ 0.7287	0.5808 0.7837	0.7434	0.7112	Ave		0.7216				10.4		30.0			
Isopentane	+++++ 1.4985	1.5832 1.4203	1.1752 1.5017	1.4299	1.3585	Ave		1.4239				9.2		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.4787	1.3509 1.4097	1.1072 1.4397	1.3880	1.3290	Ave		1.3576				8.9		30.0			
Trichlorofluoromethane	+++++ 3.2621	3.2094 3.0580	2.5075 3.0749	3.1596	3.0417	Ave		3.0447				8.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 165684

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/08/2021 17:20 Calibration End Date: 04/09/2021 11:15 Calibration ID: 45529

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 2.0899	+++++ 1.9740	1.5751 2.0485	1.9802	1.8872	Ave		1.9258				9.6		30.0			
Ethanol	+++++ 0.6348	+++++ 0.7409	0.8674 0.6027	0.7968	0.6452	Ave		0.7146				14.6		30.0			
Ethyl ether	+++++ 0.8868	0.7568 0.8400	0.6490 0.8784	0.8393	0.8217	Ave		0.8103				10.2		30.0			
Acrolein	+++++ 0.4911	+++++ 0.4341	0.3200 0.4569	0.4705	0.4614	Ave		0.4390				13.9		30.0			
1,1-Dichloroethene	1.4404 1.3528	1.2713 1.2287	1.0247 1.3028	1.2559	1.2282	Ave		1.2631				9.5		30.0			
1,1,2-Trichlorotrifluoroethane	+++++ 2.7376	2.5911 2.4857	1.9956 2.5746	2.5380	2.5368	Ave		2.4942				9.4		30.0			
Acetone	+++++ 1.6622	+++++ 1.4794	1.7253 1.5972	1.9405	1.6245	Ave		1.6715				9.3		30.0			
Isopropyl alcohol	+++++ 1.8936	+++++ 1.6924	2.1034 1.8244	2.0418	1.9475	Ave		1.9172				7.8		30.0			
Carbon disulfide	+++++ 3.6631	+++++ 3.2166	2.7005 3.5686	3.4598	3.3974	Ave		3.3344				10.4		30.0			
Acetonitrile	+++++ 0.7131	+++++ 0.6080	0.5615 0.7363	0.7050	0.6841	Ave		0.6680				10.2		30.0			
3-Chloropropene	+++++ 1.2987	1.2206 1.0677	0.9595 1.2433	1.2420	1.1873	Ave		1.1742				10.1		30.0			
Methylene Chloride	+++++ 1.1490	+++++ 0.9820	0.9573 1.1309	1.1509	1.0754	Ave		1.0743				8.0		30.0			
tert-Butyl alcohol	+++++ 2.2246	+++++ 2.0029	1.6891 2.1472	2.1679	2.2040	Ave		2.0726				9.8		30.0			
Acrylonitrile	+++++ 0.7572	+++++ 0.7254	0.4529 0.7741	0.7099	0.7426	Ave		0.6937				17.3		30.0			
Methyl tert-butyl ether	+++++ 3.4476	3.2811 3.2353	2.6186 3.3109	3.2811	3.2647	Ave		3.2056				8.4		30.0			
trans-1,2-Dichloroethene	1.2517 1.6938	1.5156 1.5842	1.1544 1.6249	1.6021	1.5760	Ave		1.5003				12.8		30.0			
n-Hexane	+++++ 1.7104	1.7327 1.5873	1.2926 1.6567	1.6591	1.6059	Ave		1.6064				9.2		30.0			
Vinyl acetate	+++++ 2.5818	+++++ 2.4004	1.7088 2.4788	2.3665	2.3556	Ave		2.3153				13.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 165684

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/08/2021 17:20 Calibration End Date: 04/09/2021 11:15 Calibration ID: 45529

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethane	1.6003 2.1012	2.0691 1.9525	1.5540 1.9868	2.0240	1.9646	Ave		1.9066				11.0		30.0			
Methyl Ethyl Ketone (2-Butanone)	+++++ 0.6177	0.6968 0.5845	0.3935 0.6196	0.5949	0.5854	Ave		0.5846				15.9		30.0			
cis-1,2-Dichloroethene	0.3900 1.3899	1.3091 1.2953	1.0561 1.3446	1.3191	1.2865	Ave		1.1738				28.3		30.0			
Ethyl acetate	+++++ 0.1142	+++++ 0.1084	+++++ 0.1137	0.1102	0.1084	Ave		0.1110				2.5		30.0			
Tetrahydrofuran	+++++ 0.2304	+++++ 0.2174	0.1645 0.2283	0.2114	0.2164	Ave		0.2114				11.4		30.0			
Chloroform	+++++ 2.5924	2.5184 2.3942	1.9230 2.5056	2.4678	2.4211	Ave		2.4032				9.2		30.0			
1,1,1-Trichloroethane	+++++ 0.5495	0.5254 0.5074	0.3852 0.5198	0.5020	0.5102	Ave		0.4999				10.6		30.0			
Cyclohexane	+++++ 0.3608	0.3095 0.3350	0.2469 0.3501	0.3303	0.3335	Ave		0.3237				11.6		30.0			
Carbon tetrachloride	0.4485 0.5950	0.5111 0.5498	0.4007 0.5556	0.5256	0.5562	Ave		0.5178				12.3		30.0			
Benzene	+++++ 0.8077	0.7748 0.7471	0.5995 0.7827	0.7381	0.7490	Ave		0.7427				9.1		30.0			
1,2-Dichloroethane	+++++ 0.3140	0.2890 0.2906	0.2232 0.2996	0.2914	0.2936	Ave		0.2859				10.1		30.0			
2,2,4-Trimethylpentane	+++++ 1.1653	1.0747 1.0692	0.8159 1.1308	1.0595	1.0874	Ave		1.0575				10.7		30.0			
n-Heptane	+++++ 0.3823	0.3488 0.3500	0.2760 0.3705	0.3517	0.3545	Ave		0.3477				9.8		30.0			
n-Butanol	+++++ 0.1798	+++++ 0.1700	0.0795 0.1791	0.1583	0.1769	Ave		0.1573				24.8		30.0			
Trichloroethene	0.2587 0.3577	0.3335 0.3338	0.2576 0.3483	0.3255	0.3349	Ave		0.3188				12.1		30.0			
1,2-Dichloropropane	+++++ 0.2768	0.2265 0.2528	0.1921 0.2658	0.2528	0.2546	Ave		0.2459				11.5		30.0			
Methyl methacrylate	+++++ 0.2745	+++++ 0.2613	0.1503 0.2758	0.2375	0.2533	Ave		0.2421				19.5		30.0			
1,4-Dioxane	+++++ 0.1610	+++++ 0.1492	0.1050 0.1565	0.1571	0.1689	Ave		0.1496				15.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 165684

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/08/2021 17:20 Calibration End Date: 04/09/2021 11:15 Calibration ID: 45529

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	+++++ 0.4086	0.3818 0.3850	0.2890 0.3890	0.3701	0.3847	Ave		0.3726				10.4		30.0			
Bromodichloromethane	+++++ 0.5470	0.4487 0.5064	0.3530 0.5299	0.4811	0.5035	Ave		0.4814				13.5		30.0			
cis-1,3-Dichloropropene	+++++ 0.4846	0.3988 0.4521	0.3076 0.4769	0.4203	0.4423	Ave		0.4261				14.1		30.0			
4-Methyl-2-pentanone (Methyl isobutyl ketone)	+++++ 0.4960	+++++ 0.4620	0.3124 0.4912	0.4327	0.4590	Ave		0.4422				15.3		30.0			
Toluene	+++++ 0.7665	0.7317 0.7017	0.5065 0.7223	0.6401	0.7014	Ave		0.6815				12.6		30.0			
n-Octane	+++++ 0.5202	0.4580 0.4750	0.3451 0.5059	0.4736	0.4851	Ave		0.4661				12.3		30.0			
trans-1,3-Dichloropropene	+++++ 0.4249	0.3361 0.3997	0.2456 0.4217	0.3646	0.3885	Ave		0.3688				17.0		30.0			
1,1,2-Trichloroethane	+++++ 0.3500	0.2997 0.3232	0.2206 0.3371	0.2905	0.3187	Ave		0.3057				14.0		30.0			
Tetrachloroethene	0.6799 0.7170	0.6812 0.6669	0.4702 0.6785	0.6015	0.6600	Ave		0.6444				12.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.5921	+++++ 0.5438	0.1667 0.5867	0.4410	0.5273	Ave		0.4763				33.8	*	30.0			
Dibromochloromethane	+++++ 0.8433	0.6110 0.7778	0.4478 0.7989	0.6442	0.7522	Ave		0.6965				19.8		30.0			
1,2-Dibromoethane	+++++ 0.6059	0.4828 0.5639	0.3350 0.5913	0.4860	0.5481	Ave		0.5161				18.0		30.0			
Chlorobenzene	+++++ 0.9627	0.9080 0.8838	0.6320 0.9252	0.7963	0.8752	Ave		0.8547				13.0		30.0			
Ethylbenzene	+++++ 1.5310	1.4125 1.3871	0.9647 1.4498	1.2632	1.4000	Ave		1.3440				13.8		30.0			
m,p-Xylene	+++++ 0.6109	0.5668 0.5546	0.3888 0.5657	0.5059	0.5612	Ave		0.5363				13.4		30.0			
n-Nonane	+++++ 0.6293	0.5498 0.5677	0.3862 0.5974	0.5313	0.5812	Ave		0.5490				14.3		30.0			
o-Xylene	+++++ 0.5653	0.5036 0.5067	0.3565 0.5192	0.4658	0.5125	Ave		0.4900				13.4		30.0			
Styrene	+++++ 0.8622	0.6010 0.7843	0.4109 0.8332	0.6412	0.7740	Ave		0.7010				22.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 165684

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/08/2021 17:20 Calibration End Date: 04/09/2021 11:15 Calibration ID: 45529

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromoform	+++++ 0.7237	0.3889 0.6536	0.3235 0.6753	0.4889	0.6315	Ave		0.5551				27.9		30.0			
Cumene	+++++ 1.6035	1.4896 1.4463	0.9788 1.4790	1.3265	1.4636	Ave		1.3982				14.4		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7688	0.6690 0.6877	0.4602 0.7303	0.6319	0.7009	Ave		0.6641				15.0		30.0			
1,2,3-Trichloropropane	+++++ 0.5655	0.4977 0.5042	0.3557 0.5378	0.4591	0.5136	Ave		0.4905				13.9		30.0			
n-Propylbenzene	+++++ 1.6754	1.4594 1.4927	1.0235 1.5939	1.3562	1.5137	Ave		1.4450				14.6		30.0			
2-Chlorotoluene	+++++ 1.0637	0.9582 0.9439	0.6710 0.9939	0.8903	0.9824	Ave		0.9291				13.5		30.0			
4-Ethyltoluene	+++++ 1.3941	1.1976 1.2454	0.8241 1.3400	1.1308	1.2745	Ave		1.2009				15.6		30.0			
1,3,5-Trimethylbenzene	+++++ 1.2481	1.1757 1.1209	0.7929 1.1489	1.0497	1.1585	Ave		1.0992				13.4		30.0			
n-Decane	+++++ 0.7328	0.6247 0.6518	0.4282 0.6991	0.6217	0.6795	Ave		0.6340				15.6		30.0			
Alpha Methyl Styrene	+++++ 0.5708	0.3754 0.5126	0.2645 0.5618	0.4111	0.5119	Ave		0.4583				24.5		30.0			
tert-Butylbenzene	+++++ 1.6464	1.4686 1.4796	0.9917 1.4799	1.3784	1.5283	Ave		1.4247				14.5		30.0			
1,2,4-Trimethylbenzene	+++++ 1.1202	1.0695 0.9964	0.7049 1.0546	0.9385	1.0402	Ave		0.9892				13.9		30.0			
sec-Butylbenzene	+++++ 1.9456	1.7531 1.7415	1.2190 1.7906	1.6374	1.8149	Ave		1.7003				13.6		30.0			
1,3-Dichlorobenzene	+++++ 0.7100	0.5795 0.6305	0.3889 0.6882	0.5429	0.6507	Ave		0.5987				18.2		30.0			
4-Isopropyltoluene	+++++ 1.4956	1.4067 1.3419	0.9102 1.4114	1.2586	1.4007	Ave		1.3179				14.7		30.0			
1,4-Dichlorobenzene	+++++ 0.6500	0.5032 0.5782	0.3344 0.6508	0.4754	0.5923	Ave		0.5406				20.9		30.0			
Benzyl chloride	+++++ 0.6737	0.4304 0.5980	0.2621 0.6954	0.4577	0.5831	Ave		0.5286				29.1		30.0			
n-Butylbenzene	+++++ 1.0212	0.9565 0.9115	0.6432 0.9913	0.8505	0.9620	Ave		0.9052				14.1		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 165684

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/08/2021 17:20 Calibration End Date: 04/09/2021 11:15 Calibration ID: 45529

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 0.6566	0.5578 0.5789	0.4052 0.6300	0.5358	0.6158	Ave		0.5686				14.7		30.0			
n-Undecane	+++++ 0.7449	+++++ 0.6615	0.3796 0.7182	0.6009	0.6997	Ave		0.6342				21.2		30.0			
n-Dodecane	+++++ 0.7111	+++++ 0.6438	+++++ 0.7078	0.4603	0.6842	Ave		0.6414				16.3		30.0			
1,2,4-Trichlorobenzene	+++++ 0.3156	0.2346 0.2791	0.1175 0.3035	0.2196	0.3049	Ave		0.2536				27.7		30.0			
Hexachlorobutadiene	+++++ 1.0100	0.9229 0.9268	0.5609 0.9273	0.8304	0.9561	Ave		0.8763				17.0		30.0			
Naphthalene	+++++ 0.6391	+++++ 0.5319	0.2037 0.5795	0.3477	0.6086	Ave		0.4851				35.5	*	30.0			
1,2,3-Trichlorobenzene	+++++ 0.3372	+++++ 0.3044	0.1547 0.3197	0.2645	0.3330	Ave		0.2856				24.3		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 165684

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/08/2021 17:20 Calibration End Date: 04/09/2021 11:15 Calibration ID: 45529

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-165684/4	45522-04.D
Level 2	IC 200-165684/5	45522-05.D
Level 3	IC 200-165684/22	45522-22.D
Level 4	IC 200-165684/7	45522-07.D
Level 5	ICIS 200-165684/8	45522-08.D
Level 6	IC 200-165684/9	45522-09.D
Level 7	IC 200-165684/23	45522-23.D
Level 8	IC 200-165684/13	45522-13.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++	+++++	3822	42250	107349	+++++	+++++	0.464	4.64	10.3
			175174	237578	496588			15.5	20.6	41.3		
Dichlorodifluoromethane	BCM	Ave	+++++	+++++	9924	109318	317646	+++++	+++++	0.469	4.69	10.4
			518558	704245	1405396			15.7	20.9	41.8		
Chlorodifluoromethane	BCM	Ave	+++++	+++++	6023	73307	188718	+++++	+++++	0.471	4.71	10.5
			306343	416217	863216			15.7	21.0	41.9		
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++	6914	10807	136039	359322	+++++	0.188	0.468	4.68	10.4
			592043	805276	1661496			15.6	20.8	41.6		
Chloromethane	BCM	Ave	+++++	+++++	3471	43686	114440	+++++	+++++	0.491	4.91	10.9
			190416	257556	546905			16.4	21.8	43.7		
Vinyl chloride	BCM	Ave	362	2235	3297	44045	115141	0.0364	0.187	0.467	4.67	10.4
			193704	266611	541531			15.6	20.8	41.6		
n-Butane	BCM	Ave	+++++	+++++	4586	60069	153101	+++++	+++++	0.466	4.66	10.4
			258970	352661	719940			15.5	20.7	41.4		
1,3-Butadiene	BCM	Ave	169	1570	2563	32542	82157	0.0355	0.183	0.455	4.55	10.1
			146468	201686	401246			15.2	20.2	40.5		
Bromomethane	BCM	Ave	+++++	2168	3469	43816	112773	+++++	0.186	0.463	4.63	10.3
			186809	253931	554789			15.5	20.6	41.2		
Chloroethane	BCM	Ave	+++++	+++++	1725	22732	58462	+++++	+++++	0.467	4.67	10.4
			96844	133180	292251			15.6	20.8	41.6		
Isopentane	BCM	Ave	+++++	2379	3507	43937	112211	+++++	0.188	0.469	4.69	10.4
			186515	260819	562662			15.7	20.9	41.8		
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++	2026	3298	42567	109567	+++++	0.188	0.468	4.68	10.4
			183693	258376	538403			15.6	20.8	41.7		
Trichlorofluoromethane	BCM	Ave	+++++	4878	7569	98199	254135	+++++	0.190	0.474	4.74	10.6
			410689	568007	1165375			15.8	21.1	42.2		

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 165684

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/08/2021 17:20 Calibration End Date: 04/09/2021 11:15 Calibration ID: 45529

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Pentane	BCM	Ave	+++++ 252397	+++++ 351727	4561 744780	59038	151259	+++++ 15.2	+++++ 20.3	0.455 40.5	4.55	10.1
Ethanol	BCM	Ave	+++++ 151382	+++++ 260689	4962 540817	46931	76605	+++++ 30.0	+++++ 40.0	0.899 100.0	8.99	15.0
Ethyl ether	BCM	Ave	+++++ 106564	1098 148924	1870 317797	24900	65533	+++++ 15.1	0.182 20.2	0.453 40.3	4.53	10.1
Acrolein	BCM	Ave	+++++ 56914	+++++ 74224	889 159379	13460	35483	+++++ 14.6	+++++ 19.4	0.437 38.9	4.37	9.72
1,1-Dichloroethene	BCM	Ave	421 165794	1881 222176	3011 480669	37997	99892	0.0361 15.4	0.185 20.6	0.462 41.1	4.62	10.3
1,1,2-Trichlorotrifluoroethane	BCM	Ave	+++++ 342362	3912 458641	5984 969305	78358	210549	+++++ 15.7	0.189 21.0	0.471 42.0	4.71	10.5
Acetone	BCM	Ave	+++++ 202924	+++++ 266468	5050 587014	58483	131612	+++++ 15.4	+++++ 20.5	0.460 41.0	4.60	10.2
Isopropyl alcohol	BCM	Ave	+++++ 230724	+++++ 304233	6145 669172	61417	157472	+++++ 15.3	+++++ 20.4	0.459 40.9	4.59	10.2
Carbon disulfide	BCM	Ave	+++++ 443697	+++++ 574837	7843 1301281	103458	273105	+++++ 15.2	+++++ 20.3	0.457 40.6	4.57	10.2
Acetonitrile	BCM	Ave	+++++ 84160	+++++ 105878	1589 261613	20542	53581	+++++ 14.8	+++++ 19.8	0.445 39.6	4.45	9.90
3-Chloropropene	BCM	Ave	+++++ 164889	1871 200007	2921 475215	38930	100048	+++++ 16.0	0.192 21.3	0.479 42.6	4.79	10.6
Methylene Chloride	BCM	Ave	+++++ 140817	+++++ 177569	2813 417255	34822	87466	+++++ 15.4	+++++ 20.6	0.462 41.1	4.62	10.3
tert-Butyl alcohol	BCM	Ave	+++++ 285896	+++++ 379775	5205 830746	68782	187985	+++++ 16.2	+++++ 21.6	0.484 43.1	4.84	10.8
Acrylonitrile	BCM	Ave	+++++ 91269	+++++ 128993	1309 280876	21123	59399	+++++ 15.2	+++++ 20.2	0.454 40.4	4.54	10.1
Methyl tert-butyl ether	BCM	Ave	+++++ 429511	4935 594683	7822 1241756	100915	269925	+++++ 15.7	0.189 20.9	0.470 41.8	4.70	10.4
trans-1,2-Dichloroethene	BCM	Ave	363 205968	2225 284218	3366 594833	48096	127190	0.0358 15.3	0.184 20.4	0.458 40.8	4.58	10.2
n-Hexane	BCM	Ave	+++++ 215944	2641 295664	3913 629680	51711	134552	+++++ 15.9	0.191 21.2	0.476 42.4	4.76	10.6
Vinyl acetate	BCM	Ave	+++++ 319809	+++++ 438684	5075 924341	72367	193640	+++++ 15.6	+++++ 20.8	0.467 41.6	4.67	10.4

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 165684

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/08/2021 17:20 Calibration End Date: 04/09/2021 11:15 Calibration ID: 45529

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1-Dichloroethane	BCM	Ave	455 250499	2978 343441	4442 713081	59569	155436	0.0351 15.0	0.180 20.0	0.449 40.0	4.49	10.00
Methyl Ethyl Ketone (2-Butanone)	BCM	Ave	+++++ 76140	1037 106313	1163 229947	18105	47894	+++++ 15.5	0.187 20.7	0.465 41.4	4.65	10.3
cis-1,2-Dichloroethene	BCM	Ave	112 167366	1903 230120	3049 487422	39210	102806	0.0354 15.1	0.182 20.2	0.454 40.4	4.54	10.1
Ethyl acetate	BCM	Ave	+++++ 13786	+++++ 19317	+++++ 41336	3286	8691	+++++ 15.2	+++++ 20.3	+++++ 40.5	4.55	10.1
Tetrahydrofuran	DFBZ	Ave	+++++ 135162	+++++ 186643	2363 406308	31627	84109	+++++ 15.0	+++++ 20.0	0.449 40.0	4.49	9.99
Chloroform	BCM	Ave	+++++ 312157	3661 425340	5552 908268	73357	193474	+++++ 15.1	0.182 20.2	0.454 40.4	4.54	10.1
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 328829	3845 444391	5645 943674	76616	202228	+++++ 15.3	0.184 20.4	0.458 40.8	4.58	10.2
Cyclohexane	DFBZ	Ave	+++++ 215034	2256 292229	3604 633040	50212	131668	+++++ 15.2	0.183 20.3	0.456 40.6	4.56	10.1
Carbon tetrachloride	DFBZ	Ave	644 354969	3729 480133	5854 1005767	79982	219814	0.0356 15.2	0.183 20.3	0.457 40.6	4.57	10.2
Benzene	DFBZ	Ave	+++++ 489939	5748 663287	8905 1440606	114203	300990	+++++ 15.5	0.186 20.7	0.464 41.3	4.64	10.3
1,2-Dichloroethane	DFBZ	Ave	+++++ 191031	2150 258786	3325 552918	45224	118312	+++++ 15.5	0.187 20.7	0.466 41.4	4.66	10.4
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 716422	8081 962096	12284 2109492	166148	442915	+++++ 15.7	0.189 20.9	0.470 41.9	4.70	10.5
n-Heptane	DFBZ	Ave	+++++ 235913	2633 316118	4171 693782	55361	144954	+++++ 15.8	0.190 21.0	0.472 42.0	4.72	10.5
n-Butanol	DFBZ	Ave	+++++ 100802	+++++ 139527	1092 304735	22641	65713	+++++ 14.3	+++++ 19.1	0.429 38.2	4.29	9.55
Trichloroethene	DFBZ	Ave	385 221201	2522 302127	3901 653406	51344	137197	0.0369 15.8	0.190 21.1	0.473 42.1	4.73	10.5
1,2-Dichloropropane	DFBZ	Ave	+++++ 167587	1677 224004	2848 488264	39042	102125	+++++ 15.5	0.186 20.6	0.463 41.2	4.63	10.3
Methyl methacrylate	DFBZ	Ave	+++++ 163765	+++++ 228204	2196 499291	36142	100099	+++++ 15.2	+++++ 20.3	0.457 40.6	4.57	10.2
1,4-Dioxane	DFBZ	Ave	+++++ 100000	+++++ 135679	1597 295088	24893	69522	+++++ 15.9	+++++ 21.2	0.475 42.3	4.75	10.6

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 165684

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/08/2021 17:20 Calibration End Date: 04/09/2021 11:15 Calibration ID: 45529

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dibromomethane	DFBZ	Ave	+++++ 247115	2824 340860	4281 713808	57101	154164	+++++ 15.4	0.186 20.6	0.463 41.2	4.63	10.3
Bromodichloromethane	DFBZ	Ave	+++++ 339497	3406 460021	5366 997968	76176	207037	+++++ 15.9	0.191 21.1	0.475 42.3	4.75	10.6
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 295673	2976 403762	4596 882774	65415	178760	+++++ 15.6	0.187 20.8	0.467 41.6	4.67	10.4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	DFBZ	Ave	+++++ 298236	+++++ 406570	4600 896137	66362	182846	+++++ 15.4	+++++ 20.5	0.460 41.0	4.60	10.2
Toluene	CBNZ d5	Ave	+++++ 358937	4085 486688	6195 1052996	82648	219994	+++++ 15.2	0.183 20.3	0.457 40.6	4.57	10.2
n-Octane	DFBZ	Ave	+++++ 315540	3398 421687	5127 931138	73281	194955	+++++ 15.5	0.186 20.7	0.464 41.3	4.64	10.3
trans-1,3-Dichloropropene	DFBZ	Ave	+++++ 246528	2385 339436	3489 742395	53960	149334	+++++ 14.8	0.178 19.8	0.444 39.5	4.44	9.88
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 169066	1726 231262	2783 506817	38683	103090	+++++ 15.7	0.189 21.0	0.471 41.9	4.71	10.5
Tetrachloroethene	CBNZ d5	Ave	777 347010	3930 478074	5943 1022173	80263	213911	0.0368 15.7	0.189 21.0	0.472 42.0	4.72	10.5
Methyl Butyl Ketone (2-Hexanone)	CBNZ d5	Ave	+++++ 272625	+++++ 370896	2005 840915	55983	162604	+++++ 15.0	+++++ 20.0	0.449 40.0	4.49	9.99
Dibromochloromethane	CBNZ d5	Ave	+++++ 376245	3250 513983	5218 1109618	79244	224773	+++++ 14.5	0.175 19.4	0.435 38.7	4.35	9.68
1,2-Dibromoethane	CBNZ d5	Ave	+++++ 296323	2815 408481	4278 900078	65525	179510	+++++ 15.9	0.191 21.2	0.477 42.4	4.77	10.6
Chlorobenzene	CBNZ d5	Ave	+++++ 465456	5234 632923	7980 1392525	106157	283389	+++++ 15.7	0.189 21.0	0.471 42.0	4.71	10.5
Ethylbenzene	CBNZ d5	Ave	+++++	7932	11868	164059	441676	+++++	0.184	0.459	4.59	10.2

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 165684

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/08/2021 17:20 Calibration End Date: 04/09/2021 11:15 Calibration ID: 45529

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			721179	967785	2125911			15.3	20.4	40.9		
m,p-Xylene	CBNZ d5	Ave	+++++ 578884	6403 778393	9622 1668664	132176	356205	+++++ 30.8	0.371 41.1	0.924 82.2	9.24	20.6
n-Nonane	CBNZ d5	Ave	+++++ 303960	3166 406140	4872 898264	70754	188010	+++++ 15.7	0.189 21.0	0.471 41.9	4.71	10.5
o-Xylene	CBNZ d5	Ave	+++++ 269949	2867 358393	4446 771742	61320	163896	+++++ 15.5	0.187 20.7	0.466 41.4	4.66	10.4
Styrene	CBNZ d5	Ave	+++++ 410105	3408 552538	5105 1233802	84095	246581	+++++ 15.5	0.186 20.6	0.464 41.3	4.64	10.3
Bromoform	CBNZ d5	Ave	+++++ 343225	2199 459137	4007 997073	63933	200603	+++++ 15.4	0.186 20.6	0.462 41.2	4.62	10.3
Cumene	CBNZ d5	Ave	+++++ 770855	8537 1029820	12289 2213251	175824	471214	+++++ 15.6	0.188 20.9	0.469 41.7	4.69	10.4
1,1,2,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 366414	3801 485456	5728 1083414	83030	223703	+++++ 15.5	0.187 20.7	0.465 41.4	4.65	10.3
1,2,3-Trichloropropane	CBNZ d5	Ave	+++++ 276012	2896 364490	4534 817191	61789	167912	+++++ 15.9	0.191 21.2	0.476 42.4	4.76	10.6
n-Propylbenzene	CBNZ d5	Ave	+++++ 803099	8340 1059819	12813 2378444	179234	485961	+++++ 15.6	0.188 20.8	0.467 41.6	4.67	10.4
2-Chlorotoluene	CBNZ d5	Ave	+++++ 511839	5497 672721	8433 1488840	118112	316616	+++++ 15.7	0.188 20.9	0.469 41.8	4.69	10.4
4-Ethyltoluene	CBNZ d5	Ave	+++++ 663767	6798 878258	10247 1986076	148445	406396	+++++ 15.5	0.186 20.7	0.464 41.3	4.64	10.3
1,3,5-Trimethylbenzene	CBNZ d5	Ave	+++++	6712	9916	138602	371549	+++++	0.187	0.467	4.67	10.4

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 165684

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/08/2021 17:20 Calibration End Date: 04/09/2021 11:15 Calibration ID: 45529

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			597715	795050	1712764			15.6	20.8	41.6		
n-Decane	CBNZ d5	Ave	+++++	3577	5371	82320	218572	+++++	0.188	0.468	4.68	10.4
			351940	463662	1045170			15.6	20.8	41.7		
Alpha Methyl Styrene	CBNZ d5	Ave	+++++	2104	3248	53281	161184	+++++	0.184	0.458	4.58	10.2
			268343	356929	822258			15.3	20.4	40.8		
tert-Butylbenzene	CBNZ d5	Ave	+++++	8360	12367	181471	488766	+++++	0.187	0.466	4.66	10.4
			786171	1046472	2199764			15.5	20.7	41.4		
1,2,4-Trimethylbenzene	CBNZ d5	Ave	+++++	6112	8825	124038	333956	+++++	0.188	0.467	4.67	10.4
			536969	707471	1573687			15.6	20.8	41.6		
sec-Butylbenzene	CBNZ d5	Ave	+++++	10076	15349	217656	586019	+++++	0.189	0.470	4.70	10.5
			938017	1243567	2687342			15.7	20.9	41.8		
1,3-Dichlorobenzene	CBNZ d5	Ave	+++++	3369	4953	72991	212526	+++++	0.191	0.475	4.75	10.6
			346240	455383	1044670			15.9	21.2	42.3		
4-Isopropyltoluene	CBNZ d5	Ave	+++++	7969	11296	164904	445795	+++++	0.186	0.463	4.63	10.3
			710706	944513	2087904			15.5	20.6	41.2		
1,4-Dichlorobenzene	CBNZ d5	Ave	+++++	2895	4215	63256	191429	+++++	0.189	0.470	4.70	10.5
			313682	413267	977611			15.7	20.9	41.9		
Benzyl chloride	CBNZ d5	Ave	+++++	2502	3338	61533	190423	+++++	0.191	0.475	4.75	10.6
			328507	431940	1055630			15.9	21.2	42.3		
n-Butylbenzene	CBNZ d5	Ave	+++++	5461	8044	112294	308551	+++++	0.187	0.467	4.67	10.4
			489027	646538	1477737			15.6	20.8	41.6		
1,2-Dichlorobenzene	CBNZ d5	Ave	+++++	3200	5092	71079	198452	+++++	0.188	0.469	4.69	10.4
			315950	412593	943638			15.7	20.9	41.8		
n-Undecane	CBNZ d5	Ave	+++++	+++++	4780	79880	225936	+++++	+++++	0.470	4.70	10.5

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1 Analy Batch No.: 165684

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/08/2021 17:20 Calibration End Date: 04/09/2021 11:15 Calibration ID: 45529

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			359124	472366	1077905			15.7	20.9	41.8		
n-Dodecane	CBNZ d5	Ave	+++++	+++++	+++++	54747	197676	+++++	+++++	+++++	4.21	9.36
			306773	411403	950540			14.0	18.7	37.4		
1,2,4-Trichlorobenzene	CBNZ d5	Ave	+++++	1400	1536	30310	102222	+++++	0.196	0.488	4.88	10.9
			157994	206955	472898			16.3	21.7	43.4		
Hexachlorobutadiene	CBNZ d5	Ave	+++++	5203	6927	108264	302809	+++++	0.185	0.461	4.61	10.3
			477616	649177	1365151			15.4	20.5	41.0		
Naphthalene	CBNZ d5	Ave	+++++	+++++	2383	42946	182619	+++++	+++++	0.437	4.37	9.72
			286313	352975	808149			14.6	19.4	38.9		
1,2,3-Trichlorobenzene	CBNZ d5	Ave	+++++	+++++	1698	30650	93754	+++++	+++++	0.410	4.10	9.12
			141751	189555	418325			13.7	18.2	36.5		

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-04.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 08-Apr-2021 17:20:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045522-004
Misc. Info.: ic-1
Operator ID: ggg Instrument ID: CHX.i
Sublist: chrom-TO15_MasterMethod_X.m*sub5

Method: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Apr-2021 06:59:30 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: bourdeaut Date: 09-Apr-2021 08:14:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.338	4.327	0.011	87	1043	0.0362	0.0956	
2 Dichlorodifluoromethane	85	4.423	4.423	0.000	93	1416	0.0366	0.0466	
3 Chlorodifluoromethane	51	4.477	4.466	0.011	93	678	0.0368	0.0367	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.793	4.777	0.016	95	1403	0.0365	0.0395	
5 Chloromethane	50	4.910	4.905	0.005	6	364	0.0383	0.0337	
7 Vinyl chloride	62	5.231	5.215	0.016	70	362	0.0364	0.0321	
6 Butane	43	5.221	5.221	0.000	84	740	0.0363	0.0482	
8 Butadiene	54	5.328	5.333	-0.005	1	169	0.0355	0.0205	
10 Bromomethane	94	6.055	6.050	0.005	58	337	0.0362	0.0294	
11 Chloroethane	64		6.317				ND	ND	
12 2-Methylbutane	43	6.515	6.521	-0.006	22	464	0.0366	0.0402	
13 Vinyl bromide	106	6.745	6.740	0.005	66	356	0.0366	0.0324	
14 Trichlorofluoromethane	101	6.900	6.895	0.005	92	971	0.0370	0.0393	
16 Pentane	43	7.104	7.098	0.006	88	543	0.0355	0.0348	
17 Ethanol	45	7.253	7.232	0.021	98	2186	0.0702	0.3774	
18 Ethyl ether	59		7.494				ND	ND	
19 Acrolein	56		7.756				ND	ND	
21 1,1-Dichloroethene	96	7.965	7.954	0.011	1	421	0.0361	0.0411	M
20 112TCTFE	101	7.997	7.986	0.011	67	762	0.0368	0.0377	
22 Acetone	43	8.045	8.018	0.027	94	1673	0.0359	0.1235	
24 Isopropyl alcohol	45	8.313	8.286	0.027	91	2246	0.0358	0.1445	
23 Carbon disulfide	76	8.377	8.377	0.000	94	1129	0.0356	0.0418	
26 Acetonitrile	41		8.527				ND	ND	
25 3-Chloro-1-propene	41	8.650	8.655	-0.005	1	115	0.0374	0.0121	
27 Methylene Chloride	49	8.896	8.885	0.011	73	335	0.0361	0.0385	
28 2-Methyl-2-propanol	59		9.051				ND	ND	
32 Acrylonitrile	53		9.281				ND	ND	
29 Methyl tert-butyl ether	73	9.377	9.367	0.010	84	881	0.0367	0.0339	
31 trans-1,2-Dichloroethene	61	9.399	9.388	0.011	54	363	0.0358	0.0298	
S 30 1,2-Dichloroethene, Total	61				0		0.0712	0.0416	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Hexane	57	9.880	9.880	0.000	51	335	0.0371	0.0257	
35 Vinyl acetate	43	10.169	10.148	0.021	98	547	0.0364	0.0291	
34 1,1-Dichloroethane	63	10.158	10.153	0.005	57	455	0.0351	0.0294	
38 2-Butanone (MEK)	72		11.100				ND	ND	
37 cis-1,2-Dichloroethene	96	11.137	11.148	-0.011	1	112	0.0354	0.0118	
39 Ethyl acetate	88		11.180				ND	ND	
* 40 Chlorobromomethane	128	11.565	11.565	0.000	79	81055	10.0	10.0	
41 Tetrahydrofuran	42		11.587				ND	ND	
42 Chloroform	83	11.737	11.736	0.001	1	737	0.0354	0.0378	
44 1,1,1-Trichloroethane	97	12.041	12.041	0.000	1	678	0.0357	0.0337	
43 Cyclohexane	84	12.170	12.181	-0.011	1	66	0.0356	0.005061	
45 Carbon tetrachloride	117	12.325	12.320	0.005	11	644	0.0356	0.0309	
47 Benzene	78	12.667	12.667	0.000	1	1277	0.0362	0.0427	
48 1,2-Dichloroethane	62		12.753				ND	ND	
46 Isooctane	57	12.865	12.865	0.000	90	1698	0.0367	0.0399	
49 n-Heptane	43	13.176	13.170	0.006	1	409	0.0369	0.0292	
* 50 1,4-Difluorobenzene	114	13.400	13.400	0.000	93	402888	10.0	10.0	
52 n-Butanol	56	13.400	13.587	-0.187	23	5752	0.0335	0.9079	
53 Trichloroethene	95	13.828	13.834	-0.006	56	385	0.0369	0.0300	M
54 1,2-Dichloropropane	63		14.299				ND	ND	
55 Methyl methacrylate	69		14.358				ND	ND	
56 1,4-Dioxane	88	14.433	14.406	0.027	1	206	0.0371	0.0342	
57 Dibromomethane	174	14.465	14.459	0.006	76	524	0.0361	0.0349	
58 Dichlorobromomethane	83	14.764	14.764	0.000	1	554	0.0371	0.0286	
60 cis-1,3-Dichloropropene	75	15.562	15.562	0.000	1	561	0.0364	0.0327	
61 4-Methyl-2-pentanone (MIBK)	43	15.813	15.797	0.016	1	722	0.0359	0.0405	
65 Toluene	92	16.193	16.198	-0.005	93	827	0.0356	0.0391	
64 n-Octane	43	16.428	16.428	0.000	74	655	0.0362	0.0349	
66 trans-1,3-Dichloropropene	75	16.615	16.615	0.000	1	360	0.0347	0.0242	
67 1,1,2-Trichloroethane	83		16.995				ND	ND	
68 Tetrachloroethene	166	17.177	17.182	-0.005	81	777	0.0368	0.0389	
69 2-Hexanone	43	17.391	17.375	0.016	1	475	0.0350	0.0321	
71 Chlorodibromomethane	129	17.739	17.739	0.000	1	588	0.0340	0.0272	
72 Ethylene Dibromide	107	17.985	17.985	0.000	98	358	0.0372	0.0224	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	84	310302	10.0	10.0	
75 Chlorobenzene	112	18.943	18.937	0.006	0	1053	0.0368	0.0397	
76 Ethylbenzene	91	19.130	19.124	0.006	91	1969	0.0358	0.0472	
78 m-Xylene & p-Xylene	106	19.381	19.387	-0.006	0	1426	0.0721	0.0857	
77 n-Nonane	57	19.435	19.429	0.006	1	435	0.0368	0.0255	
S 73 Xylenes, Total	106				0		0.1085	0.1261	
79 o-Xylene	106	20.157	20.157	0.000	87	614	0.0363	0.0404	
80 Styrene	104	20.184	20.194	-0.010	1	189	0.0362	0.008689	
81 Bromoform	173	20.553	20.553	0.000	1	324	0.0361	0.0188	
82 Isopropylbenzene	105	20.836	20.842	-0.006	85	1958	0.0366	0.0451	
84 1,1,2,2-Tetrachloroethane	83	21.361	21.361	0.000	88	799	0.0363	0.0388	
86 1,2,3-Trichloropropane	75		21.462				ND	ND	
85 N-Propylbenzene	91	21.548	21.548	0.000	96	1966	0.0365	0.0438	
89 2-Chlorotoluene	91	21.708	21.698	0.010	88	627	0.0366	0.0217	
88 4-Ethyltoluene	105	21.746	21.746	0.000	95	1665	0.0362	0.0447	
90 1,3,5-Trimethylbenzene	105	21.837	21.837	0.000	91	1604	0.0364	0.0470	
87 n-Decane	57	21.858	21.858	0.000	83	753	0.0366	0.0383	
91 Alpha Methyl Styrene	118	22.163	22.163	0.000	79	393	0.0358	0.0276	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
92 tert-Butylbenzene	119	22.318	22.313	0.005	91	1966	0.0363	0.0445	
93 1,2,4-Trimethylbenzene	105	22.404	22.404	0.000	88	1371	0.0365	0.0447	
94 sec-Butylbenzene	105	22.634	22.639	-0.005	96	2471	0.0367	0.0468	
96 1,3-Dichlorobenzene	146	22.821	22.816	0.005	86	1004	0.0371	0.0540	
95 4-Isopropyltoluene	119	22.853	22.848	0.005	95	1950	0.0362	0.0477	
97 1,4-Dichlorobenzene	146	22.960	22.960	0.000	91	807	0.0367	0.0481	
98 Benzyl chloride	91	23.099	23.105	-0.006	1	472	0.0371	0.0288	
100 n-Butylbenzene	91	23.410	23.404	0.006	94	1401	0.0364	0.0499	
101 1,2-Dichlorobenzene	146	23.447	23.447	0.000	94	930	0.0366	0.0527	
99 Undecane	57	23.543	23.543	0.000	85	840	0.0367	0.0427	
102 Dodecane	57		25.132				ND	ND	
103 1,2,4-Trichlorobenzene	180	25.908	25.903	0.006	77	398	0.0381	0.0506	
104 Hexachlorobutadiene	225	26.133	26.133	0.000	88	2053	0.0360	0.0755	
105 Naphthalene	128	26.389	26.384	0.005	93	1429	0.0341	0.0949	
106 1,2,3-Trichlorobenzene	180	26.807	26.796	0.011	66	551	0.0320	0.0622	
123 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL1w_00227	Amount Added: 35.00	Units: mL	
ATTO15XISs_00002	Amount Added: 20.00	Units: mL	Run Reagent

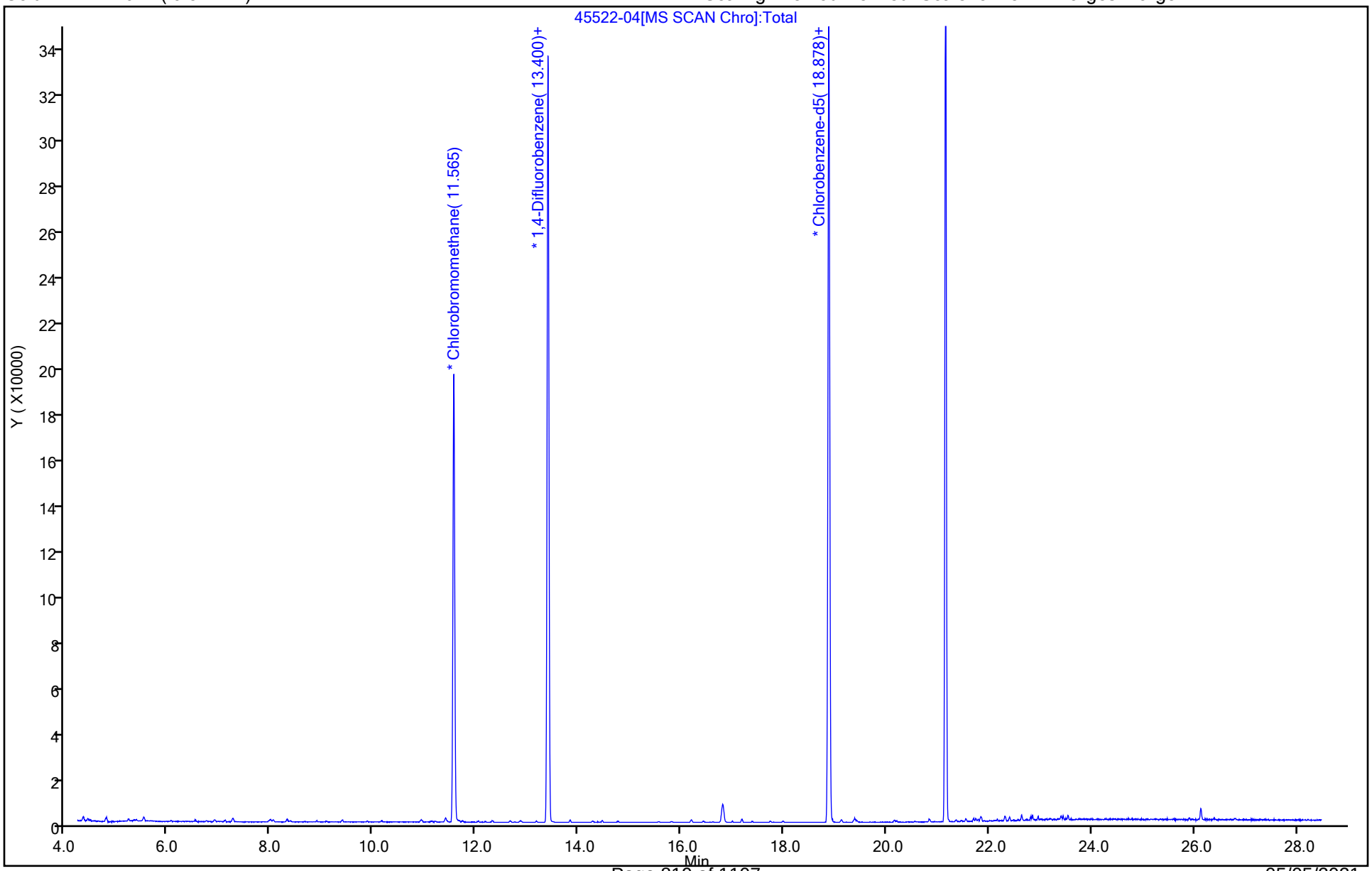
Report Date: 12-Apr-2021 06:59:31 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-04.D

Injection Date:	08-Apr-2021 17:20:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	ic			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

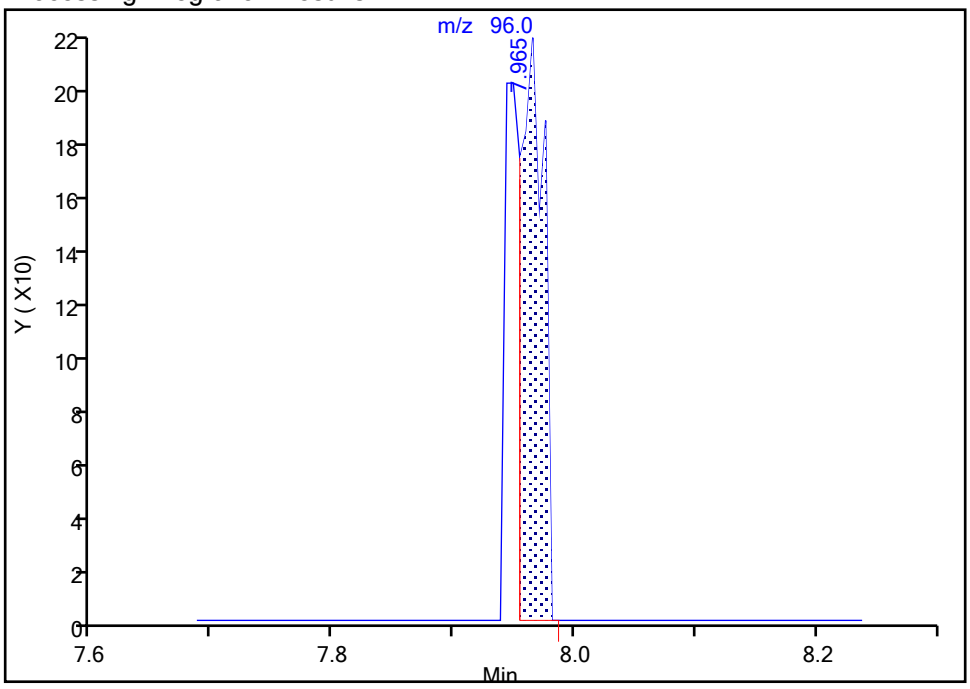
Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-04.D
Injection Date: 08-Apr-2021 17:20:30 Instrument ID: CHX.i
Lims ID: ic
Client ID:
Operator ID: ggg ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_X.m Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

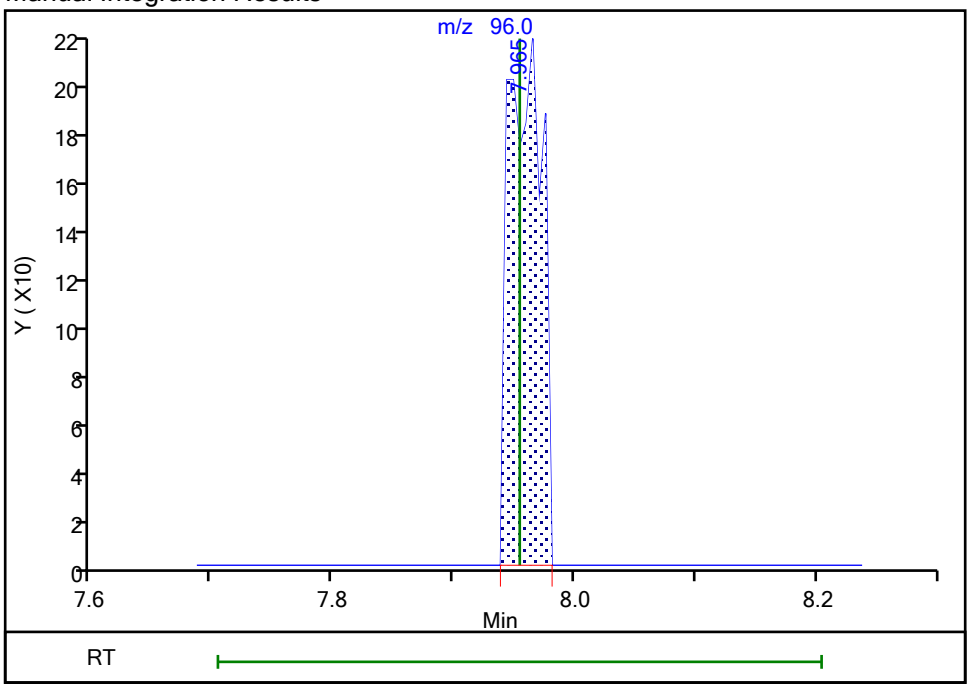
Processing Integration Results

RT: 7.96
Area: 292
Amount: 0.028641
Amount Units: ppb v/v



Manual Integration Results

RT: 7.96
Area: 421
Amount: 0.041122
Amount Units: ppb v/v



Reviewer: bourdeaut, 09-Apr-2021 08:13:59
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington

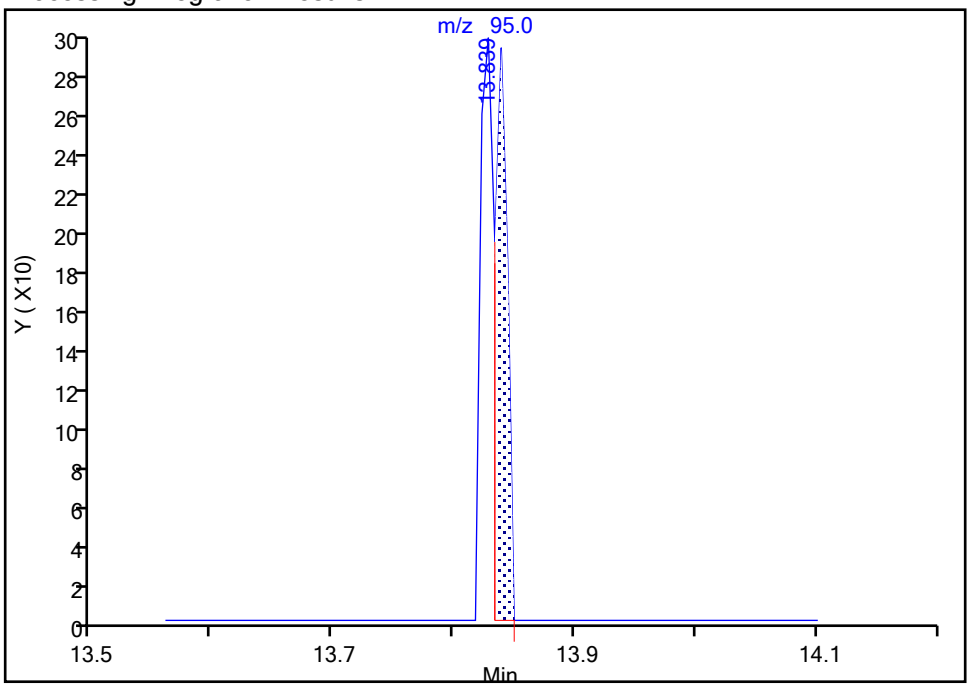
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-04.D				
Injection Date:	08-Apr-2021 17:20:30	Instrument ID:	CHX.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

53 Trichloroethene, CAS: 79-01-6

Signal: 1

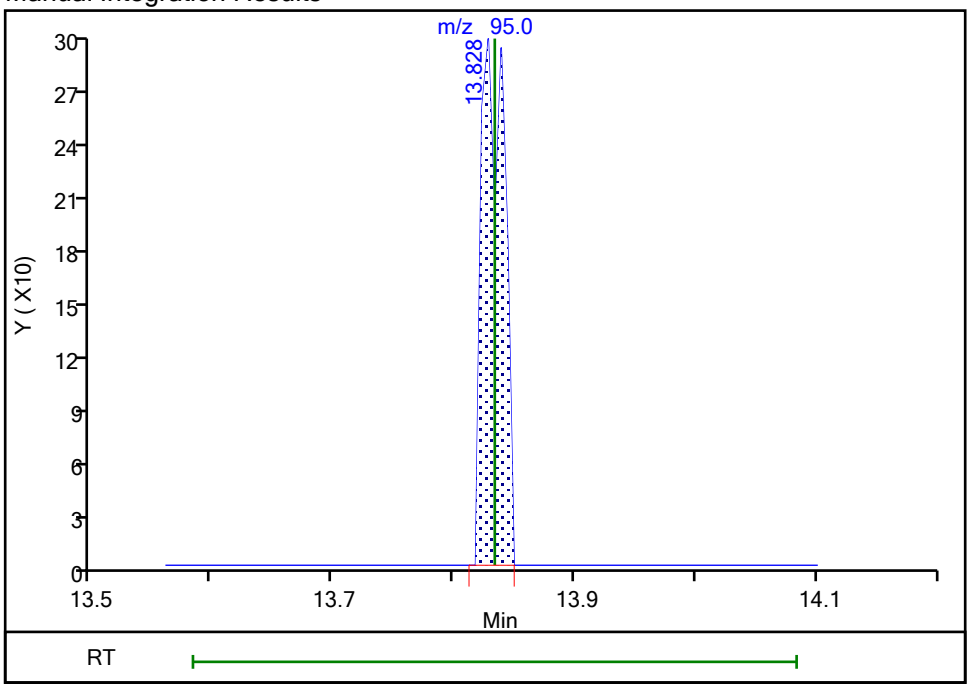
Processing Integration Results

RT: 13.84
Area: 210
Amount: 0.017440
Amount Units: ppb v/v



Manual Integration Results

RT: 13.83
Area: 385
Amount: 0.029978
Amount Units: ppb v/v



Reviewer: bourdeaut, 09-Apr-2021 08:14:35
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-05.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 08-Apr-2021 18:13:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045522-005
Misc. Info.: ic-2
Operator ID: ggg Instrument ID: CHX.i
Sublist: chrom-TO15_MasterMethod_X.m*sub5

Method: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Apr-2021 06:59:32 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: bourdeaut Date: 09-Apr-2021 08:15:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.338	4.327	0.011	96	2830	0.1862	0.2636	
2 Dichlorodifluoromethane	85	4.434	4.423	0.011	98	6318	0.1883	0.2113	
3 Chlorodifluoromethane	51	4.477	4.466	0.011	96	3750	0.1891	0.2063	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.787	4.777	0.010	91	6914	0.1878	0.1978	
5 Chloromethane	50	4.916	4.905	0.011	94	2250	0.1970	0.2116	
7 Vinyl chloride	62	5.226	5.215	0.011	72	2235	0.1874	0.2011	
6 Butane	43	5.237	5.221	0.016	98	3780	0.1869	0.2503	
8 Butadiene	54	5.354	5.333	0.021	96	1570	0.1826	0.1938	
10 Bromomethane	94	6.055	6.050	0.005	91	2168	0.1860	0.1924	
11 Chloroethane	64	6.323	6.317	0.006	87	1097	0.1874	0.1905	
12 2-Methylbutane	43	6.531	6.521	0.010	90	2379	0.1883	0.2094	
13 Vinyl bromide	106	6.745	6.740	0.005	94	2026	0.1880	0.1870	
14 Trichlorofluoromethane	101	6.906	6.895	0.011	95	4878	0.1905	0.2008	
16 Pentane	43	7.109	7.098	0.011	96	3075	0.1827	0.2001	
17 Ethanol	45	7.269	7.232	0.037	99	4197	0.3608	0.7361	
18 Ethyl ether	59	7.532	7.494	0.038	89	1098	0.1818	0.1698	
19 Acrolein	56	7.772	7.756	0.016	92	751	0.1753	0.2144	
21 1,1-Dichloroethene	96	7.965	7.954	0.011	92	1881	0.1854	0.1867	
20 112TCTFE	101	8.002	7.986	0.016	95	3912	0.1892	0.1966	
22 Acetone	43	8.040	8.018	0.022	96	7162	0.1847	0.5370	
24 Isopropyl alcohol	45	8.323	8.286	0.037	97	4530	0.1844	0.2961	
23 Carbon disulfide	76	8.382	8.377	0.005	98	5292	0.1833	0.1989	
26 Acetonitrile	41	8.548	8.527	0.021	92	1053	0.1786	0.1976	
25 3-Chloro-1-propene	41	8.660	8.655	0.005	89	1871	0.1921	0.1997	
27 Methylene Chloride	49	8.896	8.885	0.011	84	1155	0.1854	0.1348	
28 2-Methyl-2-propanol	59	9.099	9.051	0.048	89	3238	0.1945	0.1958	
32 Acrylonitrile	53	9.297	9.281	0.016	91	716	0.1824	0.1294	
29 Methyl tert-butyl ether	73	9.399	9.367	0.032	96	4935	0.1885	0.1930	
31 trans-1,2-Dichloroethene	61	9.393	9.388	0.005	84	2225	0.1840	0.1859	
S 30 1,2-Dichloroethene, Total	61				0		0.3662	0.3891	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Hexane	57	9.885	9.880	0.005	88	2641	0.1910	0.2061	
35 Vinyl acetate	43	10.158	10.148	0.010	99	3194	0.1874	0.1729	
34 1,1-Dichloroethane	63	10.158	10.153	0.005	87	2978	0.1804	0.1958	
38 2-Butanone (MEK)	72	11.127	11.100	0.027	97	1037	0.1865	0.2223	
37 cis-1,2-Dichloroethene	96	11.153	11.148	0.005	84	1903	0.1822	0.2032	
39 Ethyl acetate	88		11.180				ND	ND	
* 40 Chlorobromomethane	128	11.565	11.565	0.000	78	79785	10.0	10.0	
41 Tetrahydrofuran	42	11.603	11.587	0.016	1	1549	0.1802	0.1841	
42 Chloroform	83	11.742	11.736	0.006	94	3661	0.1822	0.1909	
44 1,1,1-Trichloroethane	97	12.047	12.041	0.006	93	3845	0.1838	0.1932	
43 Cyclohexane	84	12.175	12.181	-0.006	93	2256	0.1831	0.1751	
45 Carbon tetrachloride	117	12.320	12.320	0.000	95	3729	0.1833	0.1809	
47 Benzene	78	12.667	12.667	0.000	94	5748	0.1863	0.1944	
48 1,2-Dichloroethane	62	12.764	12.753	0.011	94	2150	0.1869	0.1889	
46 Isooctane	57	12.871	12.865	0.006	97	8081	0.1889	0.1919	
49 n-Heptane	43	13.181	13.170	0.011	89	2633	0.1896	0.1902	M
* 50 1,4-Difluorobenzene	114	13.406	13.400	0.006	93	398101	10.0	10.0	
52 n-Butanol	56	13.609	13.587	0.022	84	1257	0.1723	0.2008	
53 Trichloroethene	95	13.828	13.834	-0.006	93	2522	0.1900	0.1987	M
54 1,2-Dichloropropane	63	14.294	14.299	-0.005	65	1677	0.1860	0.1713	
55 Methyl methacrylate	69	14.374	14.358	0.016	94	1470	0.1833	0.1525	
56 1,4-Dioxane	88	14.427	14.406	0.021	7	1210	0.1909	0.2032	
57 Dibromomethane	174	14.459	14.459	0.000	92	2824	0.1858	0.1904	
58 Dichlorobromomethane	83	14.759	14.764	-0.005	94	3406	0.1907	0.1777	
60 cis-1,3-Dichloropropene	75	15.556	15.562	-0.006	85	2976	0.1874	0.1754	
61 4-Methyl-2-pentanone (MIBK)	43	15.813	15.797	0.016	88	2822	0.1847	0.1603	
65 Toluene	92	16.198	16.198	0.000	92	4085	0.1833	0.1968	
64 n-Octane	43	16.428	16.428	0.000	85	3398	0.1863	0.1831	
66 trans-1,3-Dichloropropene	75	16.621	16.615	0.006	93	2385	0.1782	0.1625	
67 1,1,2-Trichloroethane	83	16.990	16.995	-0.005	90	1726	0.1891	0.1854	
68 Tetrachloroethene	166	17.182	17.182	0.000	96	3930	0.1894	0.2002	
69 2-Hexanone	43	17.386	17.375	0.011	93	2451	0.1802	0.1690	
71 Chlorodibromomethane	129	17.739	17.739	0.000	94	3250	0.1746	0.1532	
72 Ethylene Dibromide	107	17.985	17.985	0.000	96	2815	0.1914	0.1791	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	83	304597	10.0	10.0	
75 Chlorobenzene	112	18.937	18.937	0.000	96	5234	0.1892	0.2010	
76 Ethylbenzene	91	19.124	19.124	0.000	96	7932	0.1844	0.1938	
78 m-Xylene & p-Xylene	106	19.381	19.387	-0.006	0	6403	0.3709	0.3920	
77 n-Nonane	57	19.429	19.429	0.000	85	3166	0.1891	0.1893	
S 73 Xylenes, Total	106				0		0.5578	0.5841	
79 o-Xylene	106	20.162	20.157	0.005	96	2867	0.1869	0.1921	
80 Styrene	104	20.200	20.194	0.006	90	3408	0.1862	0.1596	
81 Bromoform	173	20.558	20.553	0.005	94	2199	0.1856	0.1301	
82 Isopropylbenzene	105	20.842	20.842	0.000	94	8537	0.1882	0.2005	
84 1,1,2,2-Tetrachloroethane	83	21.361	21.361	0.000	96	3801	0.1865	0.1879	
86 1,2,3-Trichloropropane	75	21.468	21.462	0.006	95	2896	0.1910	0.1938	
85 N-Propylbenzene	91	21.553	21.548	0.005	99	8340	0.1876	0.1895	
89 2-Chlorotoluene	91	21.698	21.698	0.000	94	5497	0.1883	0.1942	
88 4-Ethyltoluene	105	21.746	21.746	0.000	97	6798	0.1863	0.1858	
90 1,3,5-Trimethylbenzene	105	21.837	21.837	0.000	93	6712	0.1874	0.2005	
87 n-Decane	57	21.853	21.858	-0.005	92	3577	0.1880	0.1852	
91 Alpha Methyl Styrene	118	22.163	22.163	0.000	86	2104	0.1840	0.1507	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
92 tert-Butylbenzene	119	22.318	22.313	0.005	95	8360	0.1869	0.1926	
93 1,2,4-Trimethylbenzene	105	22.404	22.404	0.000	96	6112	0.1876	0.2028	
94 sec-Butylbenzene	105	22.639	22.639	0.000	98	10076	0.1887	0.1946	
96 1,3-Dichlorobenzene	146	22.816	22.816	0.000	95	3369	0.1909	0.1847	
95 4-Isopropyltoluene	119	22.848	22.848	0.000	97	7969	0.1860	0.1985	
97 1,4-Dichlorobenzene	146	22.960	22.960	0.000	95	2895	0.1889	0.1758	
98 Benzyl chloride	91	23.105	23.105	0.000	96	2502	0.1909	0.1554	
100 n-Butylbenzene	91	23.404	23.404	0.000	97	5461	0.1874	0.1981	
101 1,2-Dichlorobenzene	146	23.447	23.447	0.000	96	3200	0.1883	0.1848	
99 Undecane	57	23.549	23.543	0.006	92	3376	0.1887	0.1748	
102 Dodecane	57	25.132	25.132	0.000	91	1738	0.1689	0.0890	
103 1,2,4-Trichlorobenzene	180	25.897	25.903	-0.005	88	1400	0.1959	0.1813	
104 Hexachlorobutadiene	225	26.133	26.133	0.000	95	5203	0.1851	0.1949	
105 Naphthalene	128	26.389	26.384	0.005	97	5012	0.1753	0.3392	
106 1,2,3-Trichlorobenzene	180	26.801	26.796	0.005	90	1645	0.1645	0.1891	
123 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL1w_00227	Amount Added: 180.00	Units: mL	
ATTO15XISs_00002	Amount Added: 20.00	Units: mL	Run Reagent

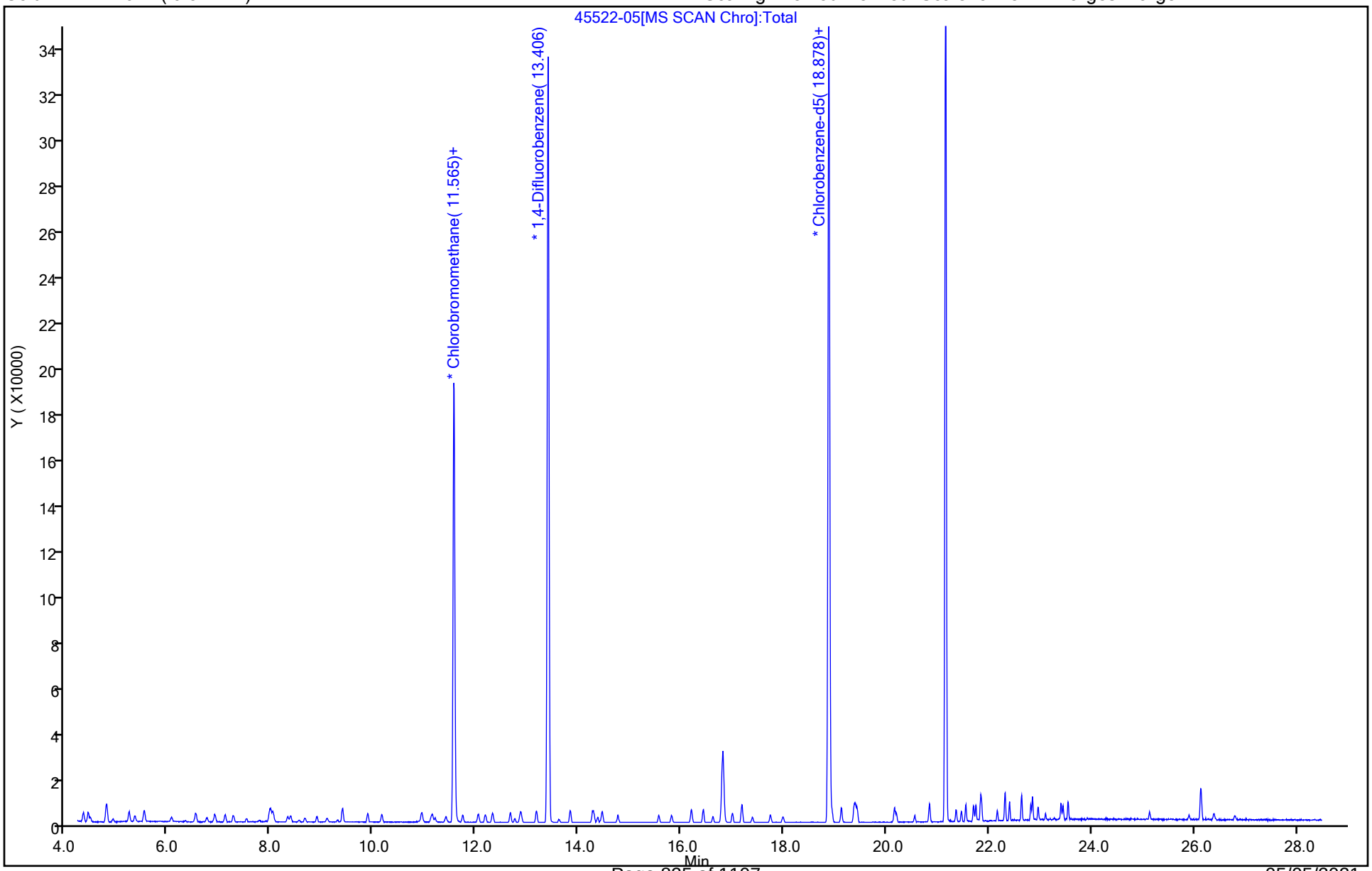
Report Date: 12-Apr-2021 06:59:32 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-05.D

Injection Date:	08-Apr-2021 18:13:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	ic			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington

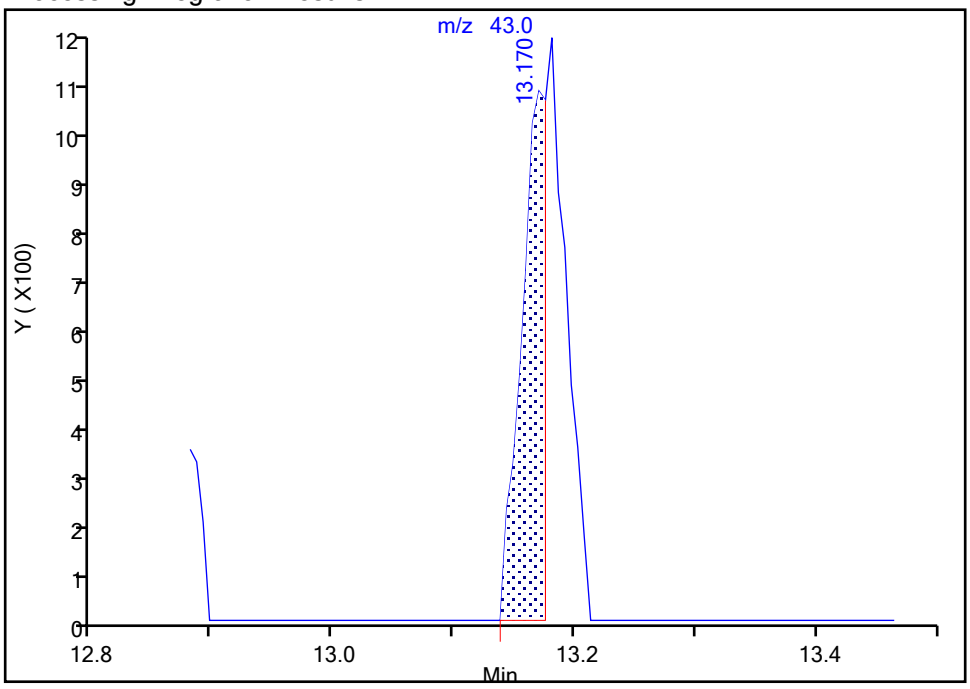
Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-05.D
Injection Date: 08-Apr-2021 18:13:30 Instrument ID: CHX.i
Lims ID: ic
Client ID:
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_X.m Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

49 n-Heptane, CAS: 142-82-5

Signal: 1

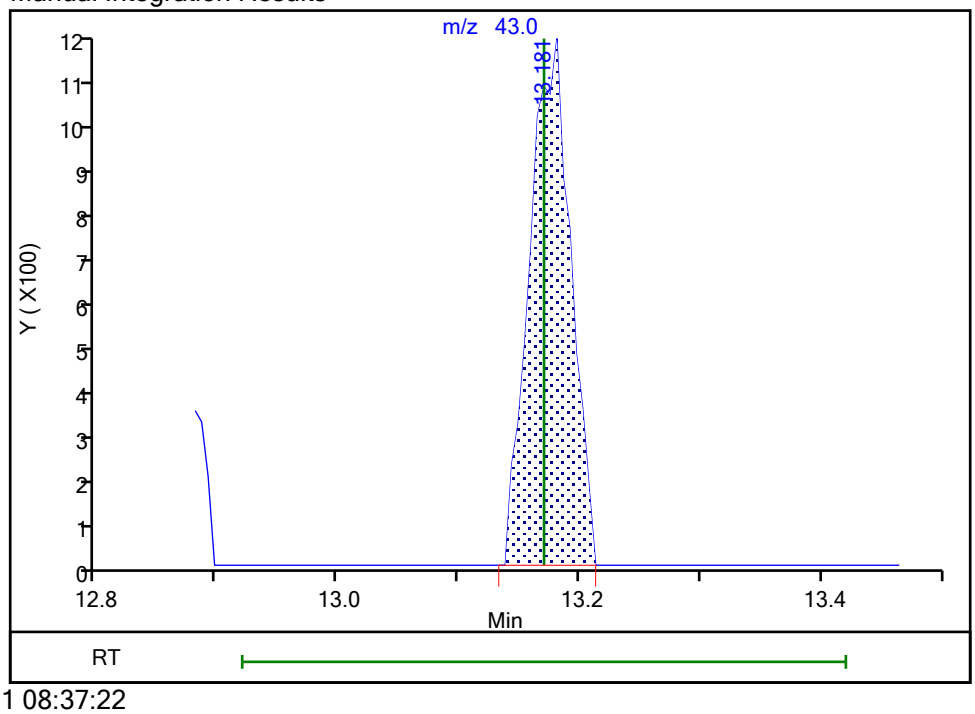
Processing Integration Results

RT: 13.17
Area: 1481
Amount: 0.109150
Amount Units: ppb v/v



Manual Integration Results

RT: 13.18
Area: 2633
Amount: 0.190231
Amount Units: ppb v/v



Reviewer: bourdeaut, 09-Apr-2021 08:37:22
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Burlington

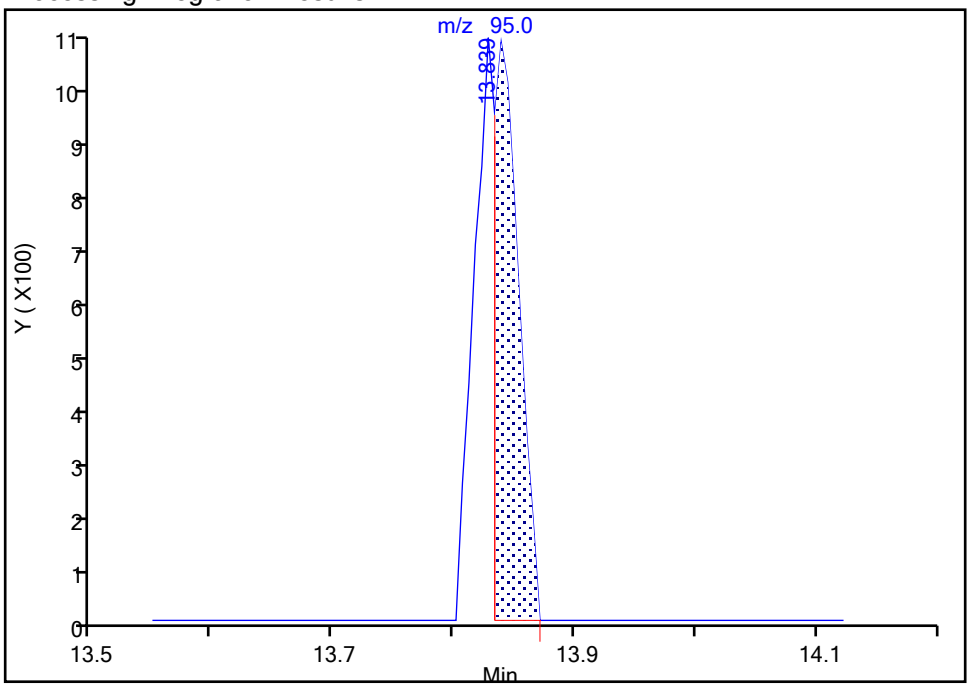
Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-05.D
Injection Date: 08-Apr-2021 18:13:30 Instrument ID: CHX.i
Lims ID: ic
Client ID:
Operator ID: ggg ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_X.m Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

53 Trichloroethene, CAS: 79-01-6

Signal: 1

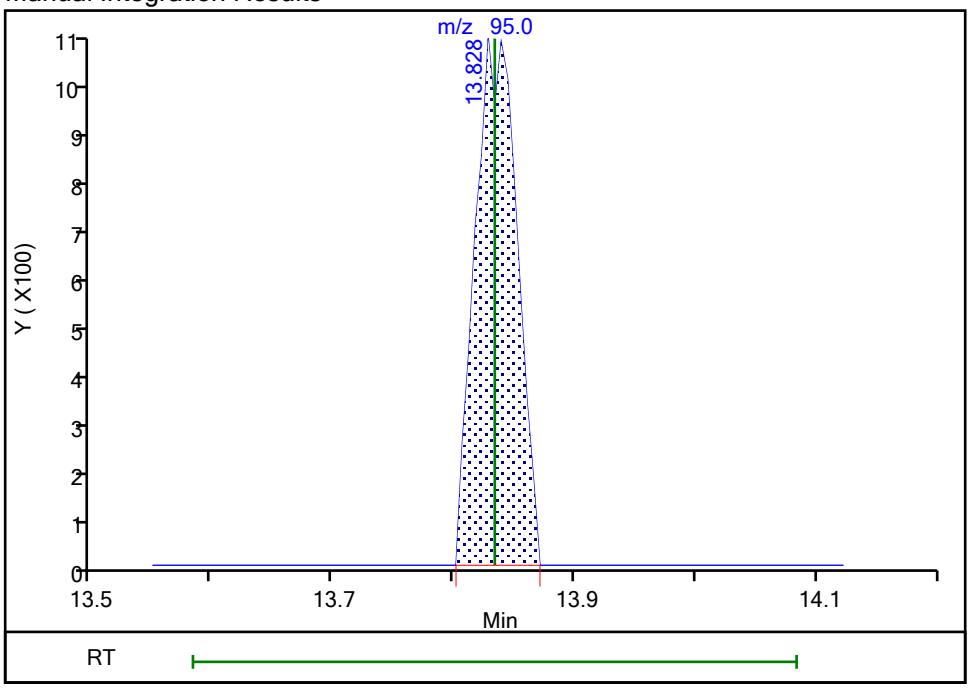
Processing Integration Results

RT: 13.84
Area: 1500
Amount: 0.120159
Amount Units: ppb v/v



Manual Integration Results

RT: 13.83
Area: 2522
Amount: 0.198736
Amount Units: ppb v/v



Reviewer: bourdeaut, 09-Apr-2021 08:37:30
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-07.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 08-Apr-2021 19:59:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045522-007
Misc. Info.: ic-4
Operator ID: ggg Instrument ID: CHX.i
Sublist: chrom-TO15_MasterMethod_X.m*sub5

Method: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Apr-2021 06:59:33 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: bourdeaut Date: 09-Apr-2021 08:35:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.343	4.327	0.016	96	42250	4.64	4.79	
2 Dichlorodifluoromethane	85	4.440	4.423	0.017	99	109318	4.69	4.45	
3 Chlorodifluoromethane	51	4.482	4.466	0.016	97	73307	4.71	4.91	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.798	4.777	0.021	92	136039	4.68	4.74	
5 Chloromethane	50	4.921	4.905	0.016	99	43686	4.91	5.01	
7 Vinyl chloride	62	5.237	5.215	0.022	80	44045	4.67	4.83	
6 Butane	43	5.237	5.221	0.016	98	60069	4.66	4.85	
8 Butadiene	54	5.349	5.333	0.016	95	32542	4.55	4.89	
10 Bromomethane	94	6.066	6.050	0.016	99	43816	4.63	4.74	
11 Chloroethane	64	6.328	6.317	0.011	99	22732	4.67	4.81	
12 2-Methylbutane	43	6.531	6.521	0.010	92	43937	4.69	4.71	
13 Vinyl bromide	106	6.751	6.740	0.011	99	42567	4.68	4.79	
14 Trichlorofluoromethane	101	6.906	6.895	0.011	98	98199	4.74	4.92	
16 Pentane	43	7.109	7.098	0.011	98	59038	4.55	4.68	
17 Ethanol	45	7.243	7.232	0.011	99	46931	8.99	10.0	
18 Ethyl ether	59	7.505	7.494	0.011	94	24900	4.53	4.69	
19 Acrolein	56	7.762	7.756	0.006	95	13460	4.37	4.68	
21 1,1-Dichloroethene	96	7.965	7.954	0.011	96	37997	4.62	4.59	
20 112TCTFE	101	7.997	7.986	0.011	96	78358	4.71	4.80	
22 Acetone	43	8.024	8.018	0.006	96	58483	4.60	5.34	
24 Isopropyl alcohol	45	8.302	8.286	0.016	100	61417	4.59	4.89	
23 Carbon disulfide	76	8.382	8.377	0.005	98	103458	4.57	4.74	
26 Acetonitrile	41	8.537	8.527	0.010	98	20542	4.45	4.69	
25 3-Chloro-1-propene	41	8.666	8.655	0.011	95	38930	4.79	5.06	
27 Methylene Chloride	49	8.896	8.885	0.011	87	34822	4.62	4.95	
28 2-Methyl-2-propanol	59	9.062	9.051	0.011	93	68782	4.84	5.07	
32 Acrylonitrile	53	9.286	9.281	0.005	95	21123	4.54	4.65	
29 Methyl tert-butyl ether	73	9.377	9.367	0.010	96	100915	4.70	4.81	
31 trans-1,2-Dichloroethene	61	9.393	9.388	0.005	96	48096	4.58	4.89	
S 30 1,2-Dichloroethene, Total	61				0		9.12	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Hexane	57	9.891	9.880	0.011	91	51711	4.76	4.91	
35 Vinyl acetate	43	10.153	10.148	0.005	99	72367	4.67	4.77	
34 1,1-Dichloroethane	63	10.158	10.153	0.005	99	59569	4.49	4.77	
38 2-Butanone (MEK)	72	11.111	11.100	0.011	98	18105	4.65	4.73	
37 cis-1,2-Dichloroethene	96	11.153	11.148	0.005	92	39210	4.54	5.10	
39 Ethyl acetate	88	11.191	11.180	0.011	98	3286	4.55	4.52	
* 40 Chlorobromomethane	128	11.571	11.565	0.006	78	65501	10.0	10.0	
41 Tetrahydrofuran	42	11.592	11.587	0.005	88	31627	4.49	4.49	
42 Chloroform	83	11.742	11.736	0.006	95	73357	4.54	4.66	
44 1,1,1-Trichloroethane	97	12.041	12.041	0.000	95	76616	4.58	4.60	
43 Cyclohexane	84	12.181	12.181	0.000	95	50212	4.56	4.65	
45 Carbon tetrachloride	117	12.325	12.320	0.005	98	79982	4.57	4.63	
47 Benzene	78	12.667	12.667	0.000	94	114203	4.64	4.61	
48 1,2-Dichloroethane	62	12.753	12.753	0.000	98	45224	4.66	4.75	
46 Isooctane	57	12.871	12.865	0.006	99	166148	4.70	4.71	
49 n-Heptane	43	13.176	13.170	0.006	88	55361	4.72	4.78	
* 50 1,4-Difluorobenzene	114	13.406	13.400	0.006	93	333348	10.0	10.0	
52 n-Butanol	56	13.593	13.587	0.006	85	22641	4.29	4.32	
53 Trichloroethene	95	13.834	13.834	0.000	96	51344	4.73	4.83	
54 1,2-Dichloropropane	63	14.299	14.299	0.000	92	39042	4.63	4.76	
55 Methyl methacrylate	69	14.363	14.358	0.005	96	36142	4.57	4.48	
56 1,4-Dioxane	88	14.411	14.406	0.005	88	24893	4.75	4.99	
57 Dibromomethane	174	14.460	14.459	0.001	91	57101	4.63	4.60	
58 Dichlorobromomethane	83	14.764	14.764	0.000	98	76176	4.75	4.75	
60 cis-1,3-Dichloropropene	75	15.562	15.562	0.000	90	65415	4.67	4.61	
61 4-Methyl-2-pentanone (MIBK)	43	15.802	15.797	0.005	94	66362	4.60	4.50	
65 Toluene	92	16.198	16.198	0.000	93	82648	4.57	4.29	
64 n-Octane	43	16.428	16.428	0.000	89	73281	4.64	4.72	
66 trans-1,3-Dichloropropene	75	16.615	16.615	0.000	95	53960	4.44	4.39	
67 1,1,2-Trichloroethane	83	16.995	16.995	0.000	95	38683	4.71	4.47	
68 Tetrachloroethene	166	17.183	17.182	0.001	96	80263	4.72	4.40	
69 2-Hexanone	43	17.375	17.375	0.000	98	55983	4.49	4.16	
71 Chlorodibromomethane	129	17.739	17.739	0.000	98	79244	4.35	4.02	
72 Ethylene Dibromide	107	17.985	17.985	0.000	99	65525	4.77	4.49	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	83	282819	10.0	10.0	
75 Chlorobenzene	112	18.937	18.937	0.000	98	106157	4.71	4.39	
76 Ethylbenzene	91	19.124	19.124	0.000	97	164059	4.59	4.32	
78 m-Xylene & p-Xylene	106	19.392	19.387	0.005	0	132176	9.24	8.72	
77 n-Nonane	57	19.429	19.429	0.000	85	70754	4.71	4.56	
S 73 Xylenes, Total	106				0		13.9	13.1	
79 o-Xylene	106	20.157	20.157	0.000	98	61320	4.66	4.43	
80 Styrene	104	20.200	20.194	0.006	97	84095	4.64	4.24	
81 Bromoform	173	20.553	20.553	0.000	99	63933	4.62	4.07	
82 Isopropylbenzene	105	20.842	20.842	0.000	95	175824	4.69	4.45	
84 1,1,2,2-Tetrachloroethane	83	21.361	21.361	0.000	99	83030	4.65	4.42	
86 1,2,3-Trichloropropane	75	21.462	21.462	0.000	98	61789	4.76	4.45	
85 N-Propylbenzene	91	21.548	21.548	0.000	100	179234	4.67	4.39	
89 2-Chlorotoluene	91	21.698	21.698	0.000	95	118112	4.69	4.50	
88 4-Ethyltoluene	105	21.746	21.746	0.000	98	148445	4.64	4.37	
90 1,3,5-Trimethylbenzene	105	21.837	21.837	0.000	94	138602	4.67	4.46	a
87 n-Decane	57	21.858	21.858	0.000	92	82320	4.68	4.59	
91 Alpha Methyl Styrene	118	22.163	22.163	0.000	91	53281	4.58	4.11	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
92 tert-Butylbenzene	119	22.313	22.313	0.000	95	181471	4.66	4.50	
93 1,2,4-Trimethylbenzene	105	22.404	22.404	0.000	96	124038	4.67	4.43	
94 sec-Butylbenzene	105	22.639	22.639	0.000	99	217656	4.70	4.53	
96 1,3-Dichlorobenzene	146	22.816	22.816	0.000	95	72991	4.75	4.31	
95 4-Isopropyltoluene	119	22.848	22.848	0.000	98	164904	4.63	4.42	
97 1,4-Dichlorobenzene	146	22.960	22.960	0.000	97	63256	4.70	4.14	
98 Benzyl chloride	91	23.105	23.105	0.000	100	61533	4.75	4.12	
100 n-Butylbenzene	91	23.404	23.404	0.000	97	112294	4.67	4.39	
101 1,2-Dichlorobenzene	146	23.447	23.447	0.000	98	71079	4.69	4.42	
99 Undecane	57	23.543	23.543	0.000	94	79880	4.70	4.45	
102 Dodecane	57	25.132	25.132	0.000	97	54747	4.21	3.02	
103 1,2,4-Trichlorobenzene	180	25.903	25.903	0.001	94	30310	4.88	4.23	
104 Hexachlorobutadiene	225	26.133	26.133	0.000	95	108264	4.61	4.37	
105 Naphthalene	128	26.384	26.384	0.000	99	42946	4.37	3.13	
106 1,2,3-Trichlorobenzene	180	26.796	26.796	0.000	95	30650	4.10	3.79	
123 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

a - User Assigned ID

Reagents:

ATTO15CAL3w_00232	Amount Added: 180.00	Units: mL	
ATTO15XISs_00002	Amount Added: 20.00	Units: mL	Run Reagent

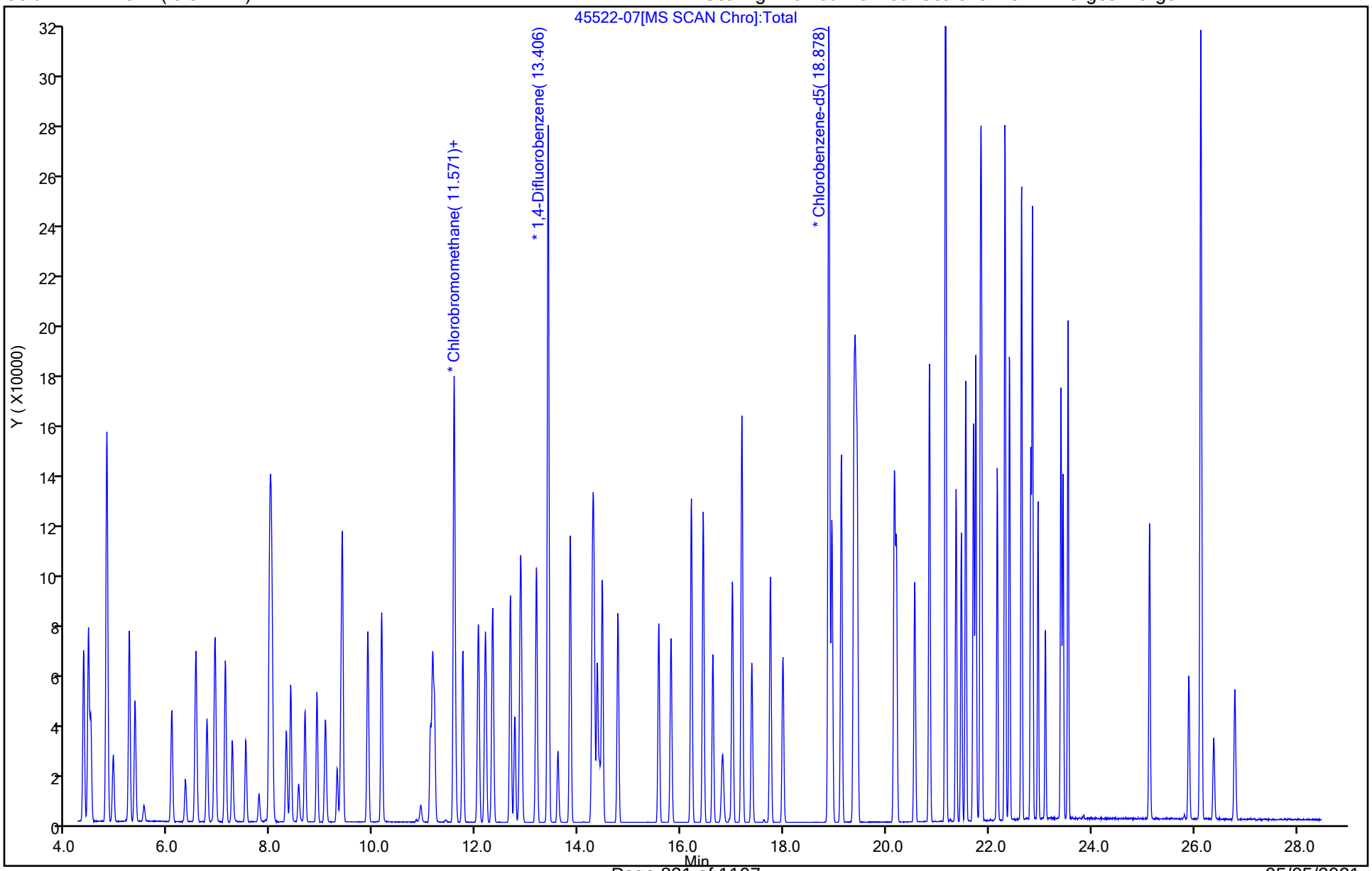
Report Date: 12-Apr-2021 06:59:34 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-07.D

Injection Date:	08-Apr-2021 19:59:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	ic			Worklist Smp#:	7
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington

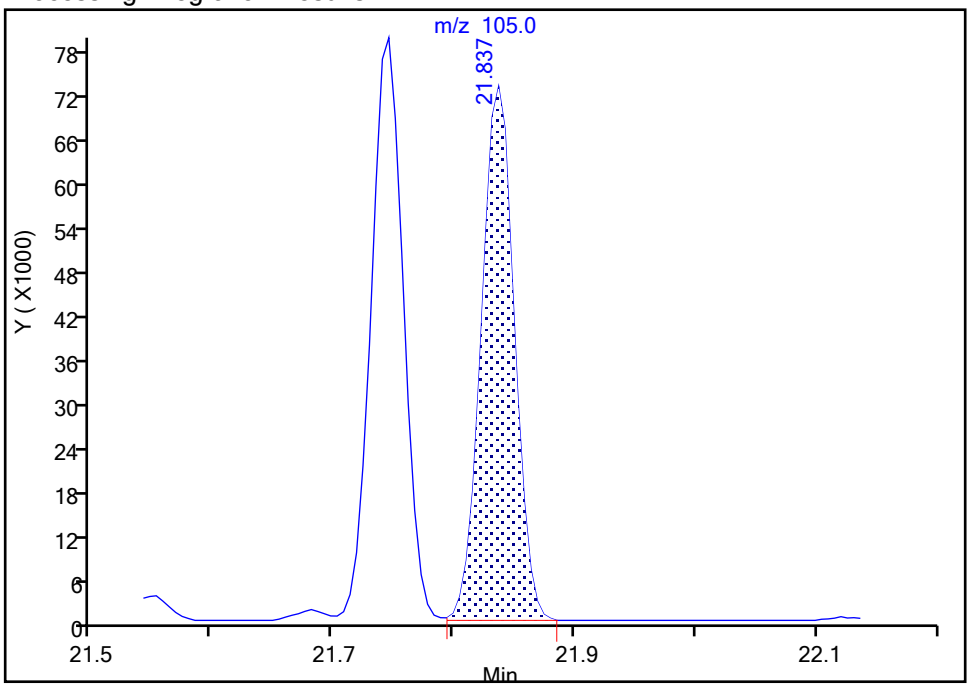
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-07.D				
Injection Date:	08-Apr-2021 19:59:30	Instrument ID:	CHX.i		
Lims ID:	ic				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

90 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

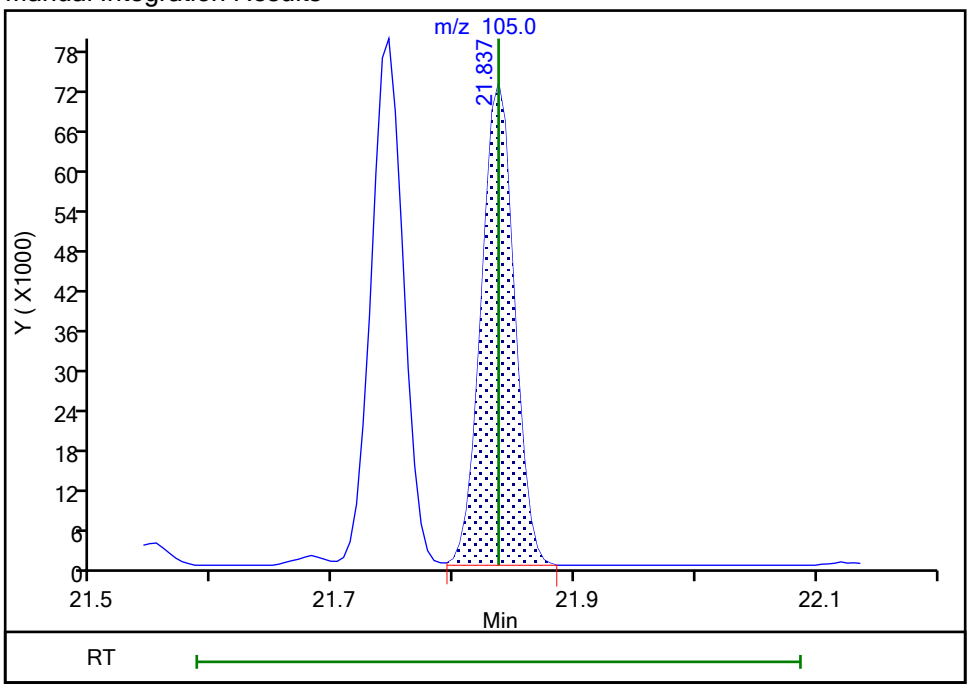
Processing Integration Results

RT: 21.84
Area: 138602
Amount: 4.216784
Amount Units: ppb v/v



Manual Integration Results

RT: 21.84
Area: 138602
Amount: 4.458320
Amount Units: ppb v/v



Reviewer: bourdeaut, 09-Apr-2021 08:34:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-08.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 08-Apr-2021 20:52:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045522-008
Misc. Info.: icis
Operator ID: ggg Instrument ID: CHX.i
Sublist: chrom-TO15_MasterMethod_X.m*sub5

Method: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Apr-2021 06:59:35 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: bourdeaut Date: 09-Apr-2021 08:35:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.327	4.327	0.000	96	107349	10.3	10.1	
2 Dichlorodifluoromethane	85	4.423	4.423	0.000	99	317646	10.4	10.7	
3 Chlorodifluoromethane	51	4.466	4.466	0.000	97	188718	10.5	10.5	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.777	4.777	0.000	92	359322	10.4	10.4	
5 Chloromethane	50	4.905	4.905	0.000	99	114440	10.9	10.9	
7 Vinyl chloride	62	5.215	5.215	0.000	97	115141	10.4	10.4	
6 Butane	43	5.221	5.221	0.000	98	153101	10.4	10.2	
8 Butadiene	54	5.333	5.333	0.000	95	82157	10.1	10.2	
10 Bromomethane	94	6.050	6.050	0.000	99	112773	10.3	10.1	
11 Chloroethane	64	6.317	6.317	0.000	99	58462	10.4	10.2	
12 2-Methylbutane	43	6.521	6.521	0.000	92	112211	10.4	9.96	
13 Vinyl bromide	106	6.740	6.740	0.000	98	109567	10.4	10.2	
14 Trichlorofluoromethane	101	6.895	6.895	0.000	98	254135	10.6	10.5	
16 Pentane	43	7.098	7.098	0.000	98	151259	10.1	9.93	
17 Ethanol	45	7.232	7.232	0.000	98	76605	15.0	13.5	
18 Ethyl ether	59	7.494	7.494	0.000	95	65533	10.1	10.2	
19 Acrolein	56	7.756	7.756	0.000	96	35483	9.72	10.2	
21 1,1-Dichloroethene	96	7.954	7.954	0.000	96	99892	10.3	10.0	
20 112TCTFE	101	7.986	7.986	0.000	96	210549	10.5	10.7	
22 Acetone	43	8.018	8.018	0.000	96	131612	10.2	9.95	
24 Isopropyl alcohol	45	8.286	8.286	0.000	100	157472	10.2	10.4	
23 Carbon disulfide	76	8.377	8.377	0.000	98	273105	10.2	10.4	
26 Acetonitrile	41	8.527	8.527	0.000	100	53581	9.90	10.1	
25 3-Chloro-1-propene	41	8.655	8.655	0.000	95	100048	10.6	10.8	
27 Methylene Chloride	49	8.885	8.885	0.000	87	87466	10.3	10.3	
28 2-Methyl-2-propanol	59	9.051	9.051	0.000	93	187985	10.8	11.5	
32 Acrylonitrile	53	9.281	9.281	0.000	96	59399	10.1	10.8	
29 Methyl tert-butyl ether	73	9.367	9.367	0.000	96	269925	10.4	10.6	
31 trans-1,2-Dichloroethene	61	9.388	9.388	0.000	96	127190	10.2	10.7	
S 30 1,2-Dichloroethene, Total	61				0		20.3	21.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Hexane	57	9.880	9.880	0.000	90	134552	10.6	10.6	
35 Vinyl acetate	43	10.148	10.148	0.000	99	193640	10.4	10.6	
34 1,1-Dichloroethane	63	10.153	10.153	0.000	99	155436	10.0	10.3	
38 2-Butanone (MEK)	72	11.100	11.100	0.000	98	47894	10.3	10.4	
37 cis-1,2-Dichloroethene	96	11.148	11.148	0.000	91	102806	10.1	11.1	
39 Ethyl acetate	88	11.180	11.180	0.000	98	8691	10.1	9.90	
* 40 Chlorobromomethane	128	11.565	11.565	0.000	78	79135	10.0	10.0	
41 Tetrahydrofuran	42	11.587	11.587	0.000	89	84109	9.99	10.2	
42 Chloroform	83	11.736	11.736	0.000	95	193474	10.1	10.2	
44 1,1,1-Trichloroethane	97	12.041	12.041	0.000	95	202228	10.2	10.4	
43 Cyclohexane	84	12.181	12.181	0.000	96	131668	10.1	10.5	
45 Carbon tetrachloride	117	12.320	12.320	0.000	97	219814	10.2	10.9	
47 Benzene	78	12.667	12.667	0.000	94	300990	10.3	10.4	
48 1,2-Dichloroethane	62	12.753	12.753	0.000	98	118312	10.4	10.6	
46 Isooctane	57	12.865	12.865	0.000	99	442915	10.5	10.8	
49 n-Heptane	43	13.170	13.170	0.000	88	144954	10.5	10.7	
* 50 1,4-Difluorobenzene	114	13.400	13.400	0.000	93	389092	10.0	10.0	
52 n-Butanol	56	13.587	13.587	0.000	86	65713	9.55	10.7	
53 Trichloroethene	95	13.834	13.834	0.000	96	137197	10.5	11.1	
54 1,2-Dichloropropane	63	14.299	14.299	0.000	90	102125	10.3	10.7	
55 Methyl methacrylate	69	14.358	14.358	0.000	98	100099	10.2	10.6	
56 1,4-Dioxane	88	14.406	14.406	0.000	89	69522	10.6	11.9	
57 Dibromomethane	174	14.459	14.459	0.000	91	154164	10.3	10.6	
58 Dichlorobromomethane	83	14.764	14.764	0.000	98	207037	10.6	11.1	
60 cis-1,3-Dichloropropene	75	15.562	15.562	0.000	90	178760	10.4	10.8	
61 4-Methyl-2-pentanone (MIBK)	43	15.797	15.797	0.000	95	182846	10.2	10.6	
65 Toluene	92	16.198	16.198	0.000	93	219994	10.2	10.5	
64 n-Octane	43	16.428	16.428	0.000	89	194955	10.3	10.7	
66 trans-1,3-Dichloropropene	75	16.615	16.615	0.000	95	149334	9.88	10.4	
67 1,1,2-Trichloroethane	83	16.995	16.995	0.000	94	103090	10.5	10.9	
68 Tetrachloroethene	166	17.182	17.182	0.000	96	213911	10.5	10.8	
69 2-Hexanone	43	17.375	17.375	0.000	98	162604	9.99	11.1	
71 Chlorodibromomethane	129	17.739	17.739	0.000	98	224773	9.68	10.5	
72 Ethylene Dibromide	107	17.985	17.985	0.000	98	179510	10.6	11.3	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	83	308750	10.0	10.0	
75 Chlorobenzene	112	18.937	18.937	0.000	97	283389	10.5	10.7	
76 Ethylbenzene	91	19.124	19.124	0.000	97	441676	10.2	10.6	
78 m-Xylene & p-Xylene	106	19.387	19.387	0.000	0	356205	20.6	21.5	
77 n-Nonane	57	19.429	19.429	0.000	85	188010	10.5	11.1	
S 73 Xylenes, Total	106				0		30.9	32.3	
79 o-Xylene	106	20.157	20.157	0.000	99	163896	10.4	10.8	
80 Styrene	104	20.194	20.194	0.000	97	246581	10.3	11.4	
81 Bromoform	173	20.553	20.553	0.000	99	200603	10.3	11.7	
82 Isopropylbenzene	105	20.842	20.842	0.000	95	471214	10.4	10.9	
84 1,1,2,2-Tetrachloroethane	83	21.361	21.361	0.000	98	223703	10.3	10.9	
86 1,2,3-Trichloropropane	75	21.462	21.462	0.000	98	167912	10.6	11.1	
85 N-Propylbenzene	91	21.548	21.548	0.000	100	485961	10.4	10.9	
89 2-Chlorotoluene	91	21.698	21.698	0.000	96	316616	10.4	11.0	
88 4-Ethyltoluene	105	21.746	21.746	0.000	98	406396	10.3	11.0	
90 1,3,5-Trimethylbenzene	105	21.837	21.837	0.000	94	371549	10.4	10.9	
87 n-Decane	57	21.858	21.858	0.000	92	218572	10.4	11.2	
91 Alpha Methyl Styrene	118	22.163	22.163	0.000	92	161184	10.2	11.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
92 tert-Butylbenzene	119	22.313	22.313	0.000	95	488766	10.4	11.1	
93 1,2,4-Trimethylbenzene	105	22.404	22.404	0.000	96	333956	10.4	10.9	
94 sec-Butylbenzene	105	22.639	22.639	0.000	99	586019	10.5	11.2	
96 1,3-Dichlorobenzene	146	22.816	22.816	0.000	95	212526	10.6	11.5	
95 4-Isopropyltoluene	119	22.848	22.848	0.000	98	445795	10.3	11.0	
97 1,4-Dichlorobenzene	146	22.960	22.960	0.000	97	191429	10.5	11.5	
98 Benzyl chloride	91	23.105	23.105	0.000	100	190423	10.6	11.7	
100 n-Butylbenzene	91	23.404	23.404	0.000	98	308551	10.4	11.0	
101 1,2-Dichlorobenzene	146	23.447	23.447	0.000	98	198452	10.4	11.3	
99 Undecane	57	23.543	23.543	0.000	94	225936	10.5	11.5	
102 Dodecane	57	25.132	25.132	0.000	98	197676	9.36	9.98	
103 1,2,4-Trichlorobenzene	180	25.903	25.903	0.000	93	102222	10.9	13.1	
104 Hexachlorobutadiene	225	26.133	26.133	0.000	95	302809	10.3	11.2	
105 Naphthalene	128	26.384	26.384	0.000	99	182619	9.72	12.2	
106 1,2,3-Trichlorobenzene	180	26.796	26.796	0.000	95	93754	9.12	10.6	
123 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00762	Amount Added: 200.00	Units: mL	
ATTO15XISs_00002	Amount Added: 20.00	Units: mL	Run Reagent

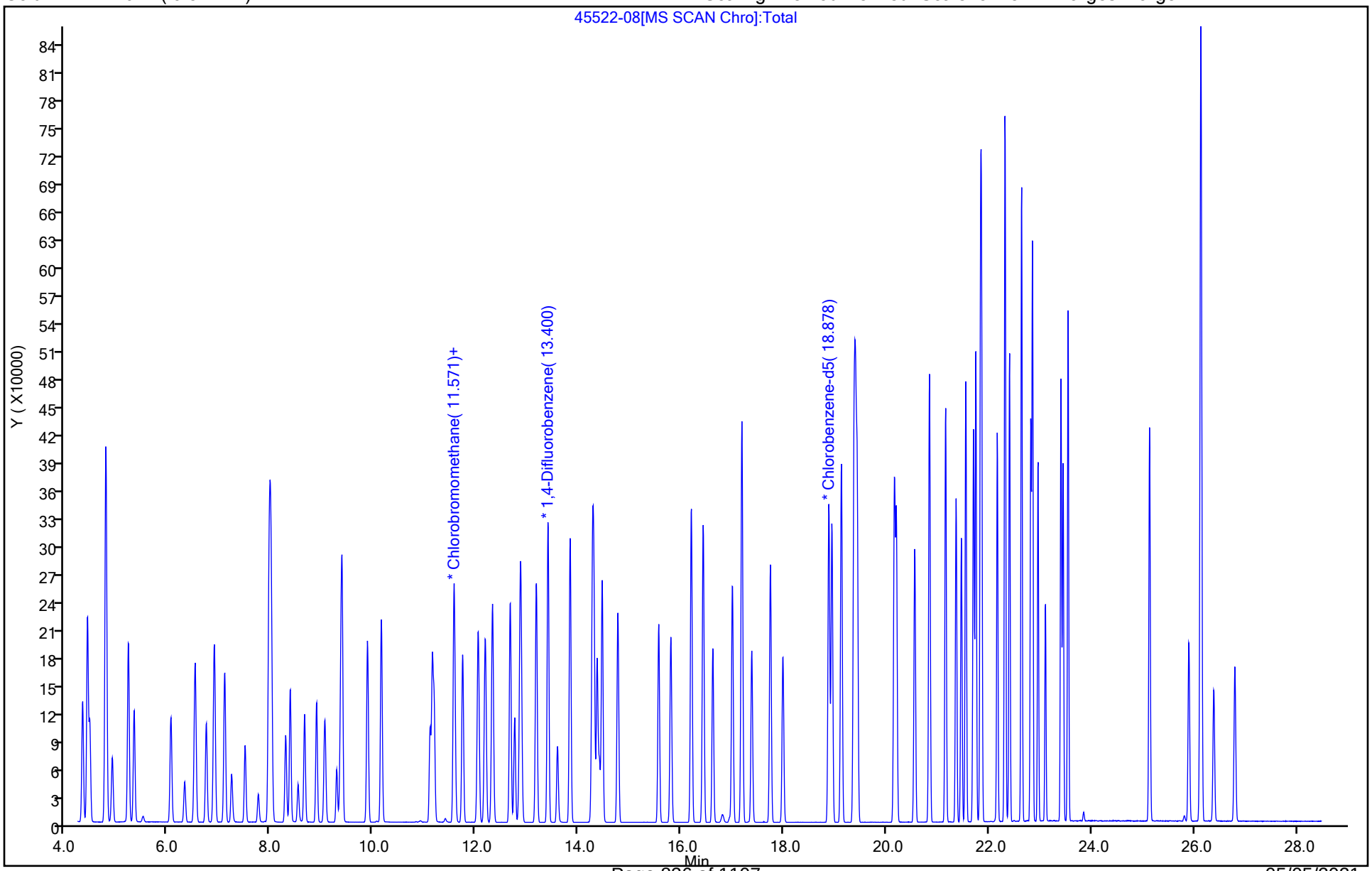
Report Date: 12-Apr-2021 06:59:35 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-08.D

Injection Date:	08-Apr-2021 20:52:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	ICIS			Worklist Smp#:	8
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-09.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 08-Apr-2021 21:45:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045522-009
Misc. Info.: ic-6
Operator ID: ggg Instrument ID: CHX.i
Sublist: chrom-TO15_MasterMethod_X.m*sub5

Method: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Apr-2021 06:59:37 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: bourdeaut Date: 09-Apr-2021 08:36:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.343	4.343	0.000	96	175174	15.5	16.4	
2 Dichlorodifluoromethane	85	4.439	4.439	0.000	99	518558	15.7	17.4	
3 Chlorodifluoromethane	51	4.482	4.482	0.000	97	306343	15.7	16.9	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.792	4.792	0.000	92	592043	15.6	17.0	
5 Chloromethane	50	4.921	4.921	0.000	99	190416	16.4	18.0	
7 Vinyl chloride	62	5.231	5.231	0.000	81	193704	15.6	17.5	
6 Butane	43	5.236	5.236	0.000	98	258970	15.5	17.2	
8 Butadiene	54	5.349	5.349	0.000	94	146468	15.2	18.1	
10 Bromomethane	94	6.060	6.060	0.000	99	186809	15.5	16.6	
11 Chloroethane	64	6.328	6.328	0.000	99	96844	15.6	16.9	
12 2-Methylbutane	43	6.531	6.531	0.000	92	186515	15.7	16.5	
13 Vinyl bromide	106	6.750	6.750	0.000	100	183693	15.6	17.0	
14 Trichlorofluoromethane	101	6.905	6.905	0.000	98	410689	15.8	17.0	
16 Pentane	43	7.109	7.109	0.000	98	252397	15.2	16.5	
17 Ethanol	45	7.242	7.242	0.000	98	151382	30.0	26.6	
18 Ethyl ether	59	7.505	7.505	0.000	95	106564	15.1	16.5	
19 Acrolein	56	7.761	7.761	0.000	96	56914	14.6	16.3	
21 1,1-Dichloroethene	96	7.965	7.965	0.000	96	165794	15.4	16.5	
20 112TCTFE	101	7.997	7.997	0.000	96	342362	15.7	17.3	
22 Acetone	43	8.024	8.024	0.000	96	202924	15.4	15.3	
24 Isopropyl alcohol	45	8.296	8.296	0.000	100	230724	15.3	15.1	
23 Carbon disulfide	76	8.382	8.382	0.000	98	443697	15.2	16.7	
26 Acetonitrile	41	8.537	8.537	0.000	99	84160	14.8	15.8	
25 3-Chloro-1-propene	41	8.660	8.660	0.000	95	164889	16.0	17.7	
27 Methylene Chloride	49	8.896	8.896	0.000	86	140817	15.4	16.5	
28 2-Methyl-2-propanol	59	9.056	9.056	0.000	93	285896	16.2	17.4	
32 Acrylonitrile	53	9.286	9.286	0.000	96	91269	15.2	16.6	
29 Methyl tert-butyl ether	73	9.372	9.372	0.000	96	429511	15.7	16.9	
31 trans-1,2-Dichloroethene	61	9.393	9.393	0.000	96	205968	15.3	17.3	
S 30 1,2-Dichloroethene, Total	61				0		30.4	35.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Hexane	57	9.891	9.891	0.000	90	215944	15.9	16.9	
35 Vinyl acetate	43	10.153	10.153	0.000	100	319809	15.6	17.4	
34 1,1-Dichloroethane	63	10.163	10.163	0.000	99	250499	15.0	16.5	
38 2-Butanone (MEK)	72	11.110	11.110	0.000	98	76140	15.5	16.4	
37 cis-1,2-Dichloroethene	96	11.153	11.153	0.000	91	167366	15.1	17.9	
39 Ethyl acetate	88	11.185	11.185	0.000	98	13786	15.2	15.6	
* 40 Chlorobromomethane	128	11.570	11.570	0.000	81	79495	10.0	10.0	
41 Tetrahydrofuran	42	11.586	11.586	0.000	88	135162	15.0	16.3	
42 Chloroform	83	11.742	11.742	0.000	95	312157	15.1	16.3	
44 1,1,1-Trichloroethane	97	12.041	12.041	0.000	94	328829	15.3	16.8	
43 Cyclohexane	84	12.180	12.180	0.000	96	215034	15.2	17.0	
45 Carbon tetrachloride	117	12.325	12.325	0.000	97	354969	15.2	17.5	
47 Benzene	78	12.667	12.667	0.000	94	489939	15.5	16.8	
48 1,2-Dichloroethane	62	12.753	12.753	0.000	98	191031	15.5	17.1	
46 Isooctane	57	12.870	12.870	0.000	99	716422	15.7	17.3	
49 n-Heptane	43	13.175	13.175	0.000	89	235913	15.8	17.3	
* 50 1,4-Difluorobenzene	114	13.405	13.405	0.000	93	391548	10.0	10.0	
52 n-Butanol	56	13.587	13.587	0.000	84	100802	14.3	16.4	
53 Trichloroethene	95	13.839	13.839	0.000	96	221201	15.8	17.7	
54 1,2-Dichloropropane	63	14.299	14.299	0.000	92	167587	15.5	17.4	
55 Methyl methacrylate	69	14.363	14.363	0.000	97	163765	15.2	17.3	
56 1,4-Dioxane	88	14.406	14.406	0.000	89	100000	15.9	17.1	
57 Dibromomethane	174	14.459	14.459	0.000	91	247115	15.4	16.9	
58 Dichlorobromomethane	83	14.764	14.764	0.000	98	339497	15.9	18.0	
60 cis-1,3-Dichloropropene	75	15.561	15.561	0.000	90	295673	15.6	17.7	
61 4-Methyl-2-pentanone (MIBK)	43	15.797	15.797	0.000	94	298236	15.4	17.2	
65 Toluene	92	16.198	16.198	0.000	93	358937	15.2	17.1	
64 n-Octane	43	16.428	16.428	0.000	89	315540	15.5	17.3	
66 trans-1,3-Dichloropropene	75	16.615	16.615	0.000	95	246528	14.8	17.1	
67 1,1,2-Trichloroethane	83	17.000	17.000	0.000	94	169066	15.7	18.0	
68 Tetrachloroethene	166	17.182	17.182	0.000	97	347010	15.7	17.5	
69 2-Hexanone	43	17.375	17.375	0.000	98	272625	15.0	18.6	
71 Chlorodibromomethane	129	17.739	17.739	0.000	98	376245	14.5	17.6	
72 Ethylene Dibromide	107	17.985	17.985	0.000	99	296323	15.9	18.7	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	83	307334	10.0	10.0	
75 Chlorobenzene	112	18.937	18.937	0.000	97	465456	15.7	17.7	
76 Ethylbenzene	91	19.124	19.124	0.000	97	721179	15.3	17.5	
78 m-Xylene & p-Xylene	106	19.386	19.386	0.000	0	578884	30.8	35.1	
77 n-Nonane	57	19.429	19.429	0.000	86	303960	15.7	18.0	
S 73 Xylenes, Total	106				0		46.4	53.1	
79 o-Xylene	106	20.157	20.157	0.000	99	269949	15.5	17.9	
80 Styrene	104	20.194	20.194	0.000	97	410105	15.5	19.0	
81 Bromoform	173	20.553	20.553	0.000	99	343225	15.4	20.1	
82 Isopropylbenzene	105	20.841	20.841	0.000	95	770855	15.6	17.9	
84 1,1,2,2-Tetrachloroethane	83	21.360	21.360	0.000	98	366414	15.5	18.0	
86 1,2,3-Trichloropropane	75	21.462	21.462	0.000	98	276012	15.9	18.3	
85 N-Propylbenzene	91	21.553	21.553	0.000	100	803099	15.6	18.1	
89 2-Chlorotoluene	91	21.703	21.703	0.000	95	511839	15.7	17.9	
88 4-Ethyltoluene	105	21.746	21.746	0.000	98	663767	15.5	18.0	
90 1,3,5-Trimethylbenzene	105	21.836	21.836	0.000	94	597715	15.6	17.7	
87 n-Decane	57	21.858	21.858	0.000	93	351940	15.6	18.1	
91 Alpha Methyl Styrene	118	22.163	22.163	0.000	92	268343	15.3	19.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
92 tert-Butylbenzene	119	22.318	22.318	0.000	95	786171	15.5	18.0	
93 1,2,4-Trimethylbenzene	105	22.404	22.404	0.000	96	536969	15.6	17.7	
94 sec-Butylbenzene	105	22.639	22.639	0.000	99	938017	15.7	18.0	
96 1,3-Dichlorobenzene	146	22.815	22.815	0.000	95	346240	15.9	18.8	
95 4-Isopropyltoluene	119	22.853	22.853	0.000	98	710706	15.5	17.5	
97 1,4-Dichlorobenzene	146	22.960	22.960	0.000	97	313682	15.7	18.9	
98 Benzyl chloride	91	23.104	23.104	0.000	100	328507	15.9	20.2	
100 n-Butylbenzene	91	23.404	23.404	0.000	98	489027	15.6	17.6	
101 1,2-Dichlorobenzene	146	23.447	23.447	0.000	98	315950	15.7	18.1	
99 Undecane	57	23.543	23.543	0.000	93	359124	15.7	18.4	
102 Dodecane	57	25.132	25.132	0.000	97	306773	14.0	15.6	
103 1,2,4-Trichlorobenzene	180	25.902	25.902	0.000	91	157994	16.3	20.3	
104 Hexachlorobutadiene	225	26.138	26.138	0.000	95	477616	15.4	17.7	
105 Naphthalene	128	26.389	26.389	0.000	99	286313	14.6	19.2	
106 1,2,3-Trichlorobenzene	180	26.796	26.796	0.000	96	141751	13.7	16.2	
123 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL6w_00187	Amount Added: 150.00	Units: mL	
ATTO15XISs_00002	Amount Added: 20.00	Units: mL	Run Reagent

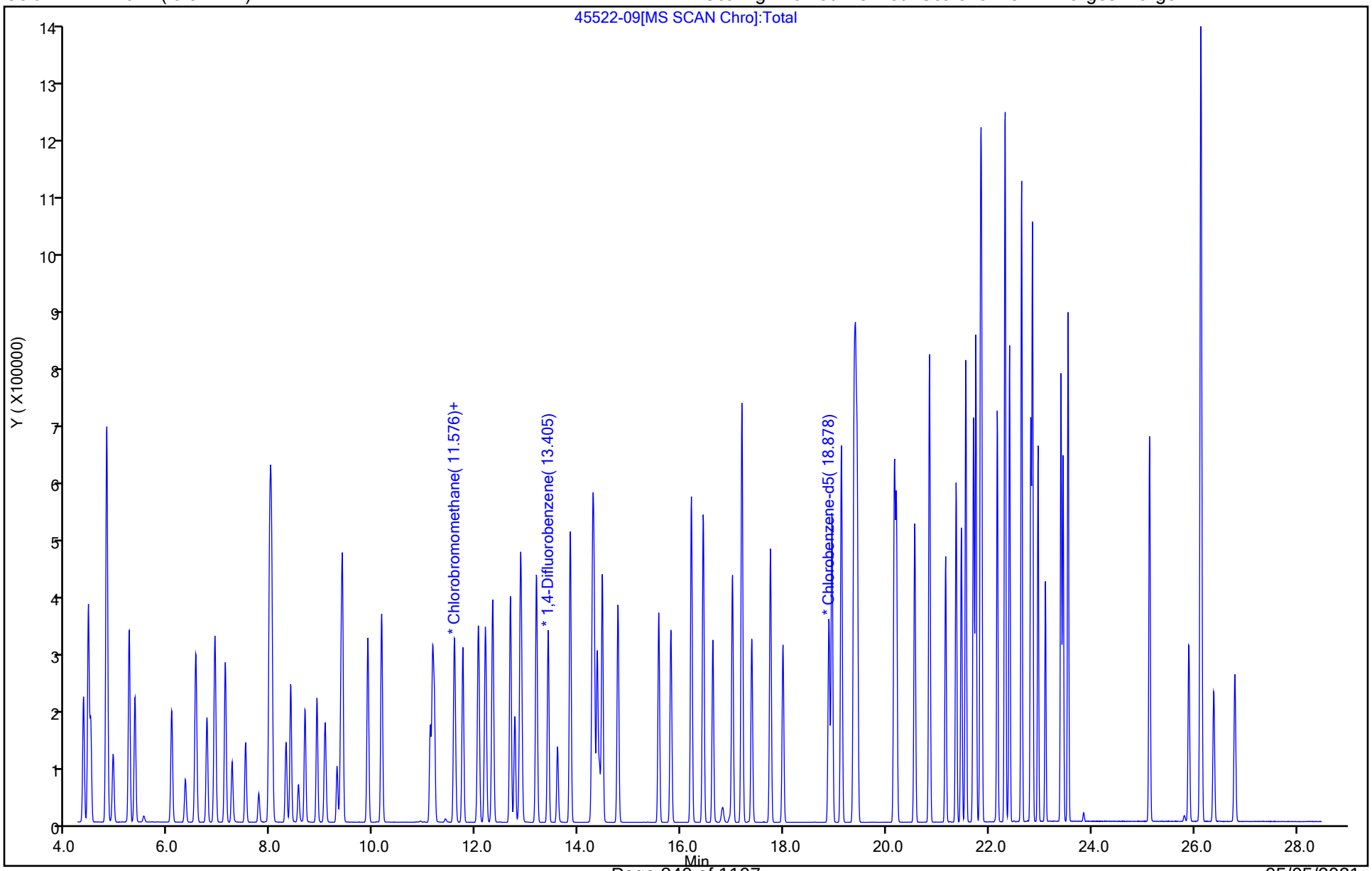
Report Date: 12-Apr-2021 06:59:37 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-09.D

Injection Date:	08-Apr-2021 21:45:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	ic			Worklist Smp#:	9
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-13.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 09-Apr-2021 01:18:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045522-013
Misc. Info.: ic-8
Operator ID: ggg Instrument ID: CHX.i
Sublist: chrom-TO15_MasterMethod_X.m*sub5

Method: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Apr-2021 06:59:39 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: bourdeaut Date: 09-Apr-2021 08:38:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.333	4.343	-0.010	97	496588	41.3	41.1	
2 Dichlorodifluoromethane	85	4.429	4.439	-0.010	99	1405396	41.8	41.8	
3 Chlorodifluoromethane	51	4.472	4.482	-0.010	97	863216	41.9	42.2	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.787	4.792	-0.005	98	1661496	41.6	42.3	
5 Chloromethane	50	4.910	4.921	-0.011	99	546905	43.7	45.7	
7 Vinyl chloride	62	5.221	5.231	-0.010	82	541531	41.6	43.3	
6 Butane	43	5.226	5.236	-0.010	98	719940	41.4	42.4	
8 Butadiene	54	5.338	5.349	-0.011	95	401246	40.5	44.0	
10 Bromomethane	94	6.055	6.060	-0.005	99	554789	41.2	43.8	
11 Chloroethane	64	6.323	6.328	-0.005	99	292251	41.6	45.1	
12 2-Methylbutane	43	6.526	6.531	-0.005	92	562662	41.8	44.0	
13 Vinyl bromide	106	6.745	6.750	-0.005	99	538403	41.7	44.2	
14 Trichlorofluoromethane	101	6.900	6.905	-0.005	98	1165375	42.2	42.6	
16 Pentane	43	7.104	7.109	-0.005	98	744780	40.5	43.1	
17 Ethanol	45	7.243	7.242	0.001	98	540817	100.0	84.3	
18 Ethyl ether	59	7.500	7.505	-0.005	95	317797	40.3	43.7	
19 Acrolein	56	7.756	7.761	-0.005	96	159379	38.9	40.5	
21 1,1-Dichloroethene	96	7.960	7.965	-0.005	96	480669	41.1	42.4	
20 112TCTFE	101	7.992	7.997	-0.005	97	969305	42.0	43.3	
22 Acetone	43	8.018	8.024	-0.006	96	587014	41.0	39.1	
24 Isopropyl alcohol	45	8.291	8.296	-0.005	100	669172	40.9	38.9	
23 Carbon disulfide	76	8.382	8.382	0.000	98	1301281	40.6	43.5	
26 Acetonitrile	41	8.532	8.537	-0.005	99	261613	39.6	43.6	
25 3-Chloro-1-propene	41	8.660	8.660	0.000	95	475215	42.6	45.1	
27 Methylene Chloride	49	8.896	8.896	0.000	86	417255	41.1	43.3	
28 2-Methyl-2-propanol	59	9.056	9.056	0.000	93	830746	43.1	44.7	
32 Acrylonitrile	53	9.286	9.286	0.000	96	280876	40.4	45.1	
29 Methyl tert-butyl ether	73	9.367	9.372	-0.005	96	1241756	41.8	43.2	
31 trans-1,2-Dichloroethene	61	9.393	9.393	0.000	96	594833	40.8	44.2	
S 30 1,2-Dichloroethene, Total	61				0		81.2	90.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Hexane	57	9.886	9.891	-0.005	90	629680	42.4	43.7	
35 Vinyl acetate	43	10.153	10.153	0.000	99	924341	41.6	44.5	
34 1,1-Dichloroethane	63	10.158	10.163	-0.005	99	713081	40.0	41.7	
38 2-Butanone (MEK)	72	11.105	11.110	-0.005	98	229947	41.4	43.8	
37 cis-1,2-Dichloroethene	96	11.153	11.153	0.000	91	487422	40.4	46.3	
39 Ethyl acetate	88	11.185	11.185	0.000	99	41336	40.5	41.5	
* 40 Chlorobromomethane	128	11.571	11.570	0.001	80	89743	10.0	10.0	
41 Tetrahydrofuran	42	11.587	11.586	0.001	88	406308	40.0	43.1	
42 Chloroform	83	11.742	11.742	0.000	95	908268	40.4	42.1	
44 1,1,1-Trichloroethane	97	12.047	12.041	0.006	95	943674	40.8	42.4	
43 Cyclohexane	84	12.181	12.180	0.001	96	633040	40.6	43.9	
45 Carbon tetrachloride	117	12.325	12.325	0.000	97	1005767	40.6	43.6	
47 Benzene	78	12.667	12.667	0.000	94	1440606	41.3	43.5	
48 1,2-Dichloroethane	62	12.753	12.753	0.000	98	552918	41.4	43.4	
46 Isooctane	57	12.871	12.870	0.001	99	2109492	41.9	44.8	
49 n-Heptane	43	13.176	13.175	0.001	89	693782	42.0	44.8	
* 50 1,4-Difluorobenzene	114	13.406	13.405	0.001	93	445506	10.0	10.0	
52 n-Butanol	56	13.588	13.587	0.001	84	304735	38.2	43.5	
53 Trichloroethene	95	13.839	13.839	0.000	97	653406	42.1	46.0	
54 1,2-Dichloropropane	63	14.304	14.299	0.005	92	488264	41.2	44.6	
55 Methyl methacrylate	69	14.363	14.363	0.000	98	499291	40.6	46.3	
56 1,4-Dioxane	88	14.406	14.406	0.000	90	295088	42.3	44.3	
57 Dibromomethane	174	14.465	14.459	0.006	91	713808	41.2	43.0	
58 Dichlorobromomethane	83	14.770	14.764	0.006	98	997968	42.3	46.5	
60 cis-1,3-Dichloropropene	75	15.562	15.561	0.001	90	882774	41.6	46.5	
61 4-Methyl-2-pentanone (MIBK)	43	15.802	15.797	0.005	94	896137	41.0	45.5	
65 Toluene	92	16.198	16.198	0.000	93	1052996	40.6	43.1	
64 n-Octane	43	16.428	16.428	0.000	88	931138	41.3	44.8	
66 trans-1,3-Dichloropropene	75	16.621	16.615	0.006	95	742395	39.5	45.2	
67 1,1,2-Trichloroethane	83	17.001	17.000	0.001	94	506817	41.9	46.2	
68 Tetrachloroethene	166	17.188	17.182	0.006	97	1022173	42.0	44.2	
69 2-Hexanone	43	17.375	17.375	0.000	98	840915	40.0	49.2	
71 Chlorodibromomethane	129	17.739	17.739	0.000	98	1109618	38.7	44.4	
72 Ethylene Dibromide	107	17.985	17.985	0.000	99	900078	42.4	48.6	
* 74 Chlorobenzene-d5	117	18.884	18.878	0.006	83	358769	10.0	10.0	
75 Chlorobenzene	112	18.943	18.937	0.006	97	1392525	42.0	45.4	
76 Ethylbenzene	91	19.124	19.124	0.000	97	2125911	40.9	44.1	
78 m-Xylene & p-Xylene	106	19.387	19.386	0.001	0	1668664	82.2	86.7	
77 n-Nonane	57	19.435	19.429	0.006	85	898264	41.9	45.6	
S 73 Xylenes, Total	106				0		123.7	130.6	
79 o-Xylene	106	20.162	20.157	0.005	99	771742	41.4	43.9	
80 Styrene	104	20.200	20.194	0.006	96	1233802	41.3	49.1	
81 Bromoform	173	20.558	20.553	0.005	99	997073	41.2	50.1	
82 Isopropylbenzene	105	20.842	20.841	0.001	95	2213251	41.7	44.1	
84 1,1,2,2-Tetrachloroethane	83	21.361	21.360	0.001	98	1083414	41.4	45.5	
86 1,2,3-Trichloropropane	75	21.468	21.462	0.006	98	817191	42.4	46.4	
85 N-Propylbenzene	91	21.553	21.553	0.000	100	2378444	41.6	45.9	
89 2-Chlorotoluene	91	21.703	21.703	0.000	96	1488840	41.8	44.7	
88 4-Ethyltoluene	105	21.746	21.746	0.000	98	1986076	41.3	46.1	
90 1,3,5-Trimethylbenzene	105	21.837	21.836	0.001	94	1712764	41.6	43.4	
87 n-Decane	57	21.858	21.858	0.000	93	1045170	41.7	46.0	
91 Alpha Methyl Styrene	118	22.163	22.163	0.000	91	822258	40.8	50.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
92 tert-Butylbenzene	119	22.318	22.318	0.000	94	2199764	41.4	43.0	
93 1,2,4-Trimethylbenzene	105	22.404	22.404	0.000	97	1573687	41.6	44.3	
94 sec-Butylbenzene	105	22.639	22.639	0.000	99	2687342	41.8	44.1	
96 1,3-Dichlorobenzene	146	22.816	22.815	0.001	96	1044670	42.3	48.6	
95 4-Isopropyltoluene	119	22.853	22.853	0.000	97	2087904	41.2	44.2	
97 1,4-Dichlorobenzene	146	22.960	22.960	0.000	96	977611	41.9	50.4	
98 Benzyl chloride	91	23.105	23.104	0.001	100	1055630	42.3	55.7	
100 n-Butylbenzene	91	23.404	23.404	0.000	98	1477737	41.6	45.5	
101 1,2-Dichlorobenzene	146	23.447	23.447	0.000	98	943638	41.8	46.3	
99 Undecane	57	23.549	23.543	0.006	93	1077905	41.8	47.4	
102 Dodecane	57	25.138	25.132	0.006	98	950540	37.4	41.3	
103 1,2,4-Trichlorobenzene	180	25.903	25.902	0.001	93	472898	43.4	52.0	
104 Hexachlorobutadiene	225	26.138	26.138	0.000	96	1365151	41.0	43.4	
105 Naphthalene	128	26.389	26.389	0.000	99	808149	38.9	46.4	
106 1,2,3-Trichlorobenzene	180	26.801	26.796	0.005	95	418325	36.5	40.8	
123 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL7w_00104	Amount Added: 200.00	Units: mL	
ATTO15XISs_00002	Amount Added: 20.00	Units: mL	Run Reagent

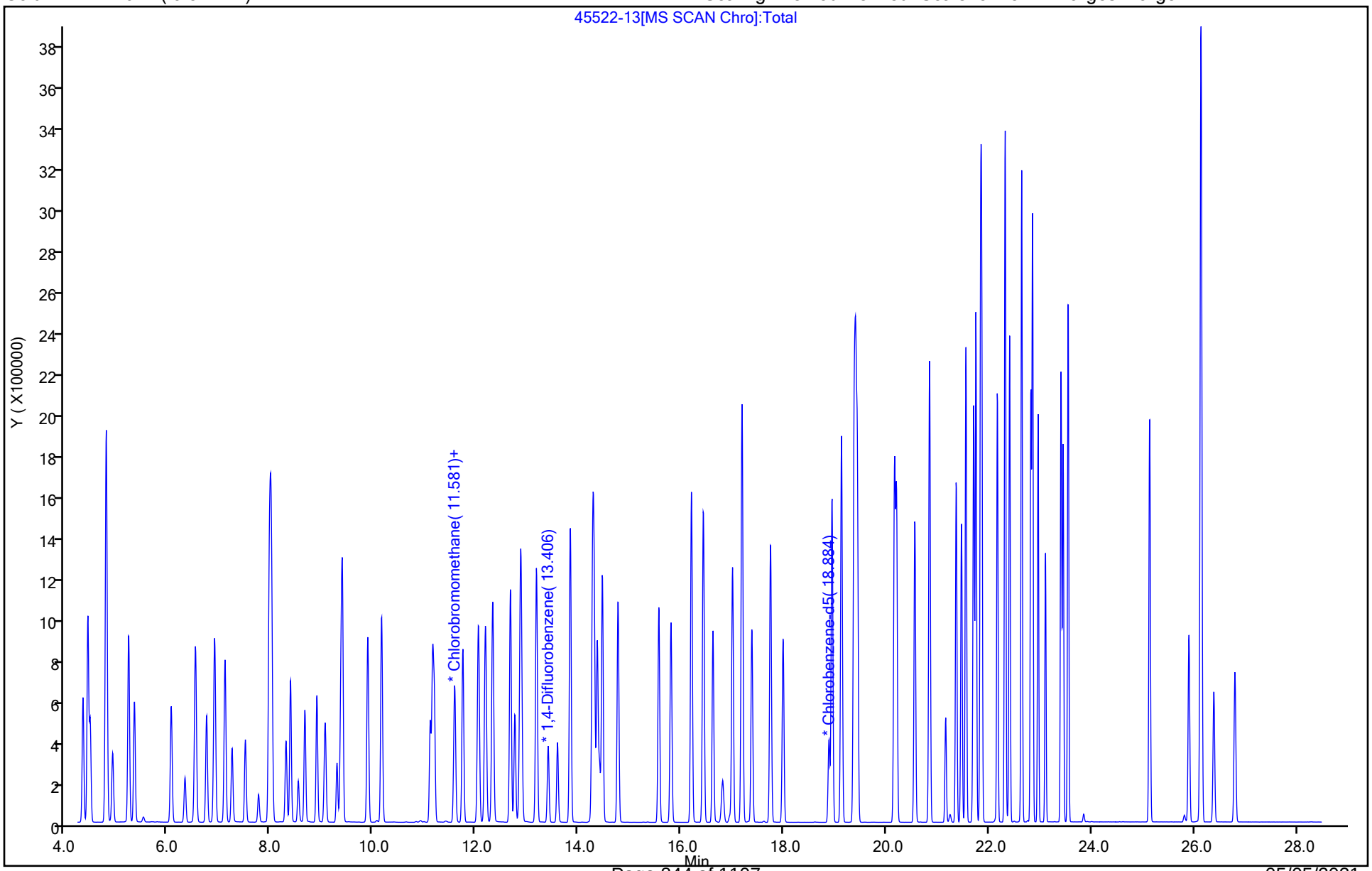
Report Date: 12-Apr-2021 06:59:39 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-13.D

Injection Date:	09-Apr-2021 01:18:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	ic			Worklist Smp#:	13
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-22.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 09-Apr-2021 09:41:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045522-022
Operator ID: ggg Instrument ID: CHX.i
Sublist: chrom-TO15_MasterMethod_X.m*sub5

Method: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Apr-2021 06:59:41 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: bourdeaut Date: 09-Apr-2021 10:41:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.343	4.343	0.000	98	3822	0.4637	0.4464	
2 Dichlorodifluoromethane	85	4.439	4.439	0.000	99	9924	0.4691	0.4163	
3 Chlorodifluoromethane	51	4.488	4.482	0.006	96	6023	0.4709	0.4156	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.798	4.792	0.006	90	10807	0.4678	0.3878	
5 Chloromethane	50	4.926	4.921	0.005	95	3471	0.4907	0.4095	
7 Vinyl chloride	62	5.242	5.231	0.011	79	3297	0.4669	0.3720	
6 Butane	43	5.242	5.236	0.006	96	4586	0.4655	0.3809	
8 Butadiene	54	5.349	5.349	0.000	92	2563	0.4547	0.3968	
10 Bromomethane	94	6.066	6.060	0.006	96	3469	0.4633	0.3862	
11 Chloroethane	64	6.333	6.328	0.005	96	1725	0.4669	0.3758	
12 2-Methylbutane	43	6.536	6.531	0.005	91	3507	0.4691	0.3872	
13 Vinyl bromide	106	6.756	6.750	0.006	97	3298	0.4682	0.3819	
14 Trichlorofluoromethane	101	6.911	6.905	0.006	97	7569	0.4745	0.3908	
16 Pentane	43	7.114	7.109	0.005	97	4561	0.4552	0.3723	
17 Ethanol	45	7.259	7.242	0.017	95	4962	0.8992	1.09	
18 Ethyl ether	59	7.515	7.505	0.010	90	1870	0.4529	0.3628	
19 Acrolein	56	7.783	7.761	0.022	88	889	0.4367	0.3183	
21 1,1-Dichloroethene	96	7.970	7.965	0.005	93	3011	0.4619	0.3747	
20 112TCTFE	101	8.002	7.997	0.005	96	5984	0.4713	0.3771	
22 Acetone	43	8.045	8.024	0.021	94	5050	0.4601	0.4749	
24 Isopropyl alcohol	45	8.323	8.296	0.027	99	6145	0.4592	0.5038	
23 Carbon disulfide	76	8.387	8.382	0.005	98	7843	0.4565	0.3697	
26 Acetonitrile	41	8.553	8.537	0.016	94	1589	0.4448	0.3739	
25 3-Chloro-1-propene	41	8.671	8.660	0.011	91	2921	0.4785	0.3911	
27 Methylene Chloride	49	8.901	8.896	0.005	87	2813	0.4619	0.4116	
28 2-Methyl-2-propanol	59	9.088	9.056	0.032	92	5205	0.4844	0.3948	
32 Acrylonitrile	53	9.297	9.286	0.011	98	1309	0.4543	0.2966	
29 Methyl tert-butyl ether	73	9.383	9.372	0.011	96	7822	0.4696	0.3836	
31 trans-1,2-Dichloroethene	61	9.399	9.393	0.006	78	3366	0.4583	0.3527	
S 30 1,2-Dichloroethene, Total	61				0		0.9121	0.7610	
33 Hexane	57	9.885	9.891	-0.006	88	3913	0.4758	0.3829	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 Vinyl acetate	43	10.164	10.153	0.011	100	5075	0.4669	0.3446	
34 1,1-Dichloroethane	63	10.164	10.163	0.001	84	4442	0.4493	0.3662	
38 2-Butanone (MEK)	72	11.121	11.110	0.011	98	1163	0.4646	0.3127	
37 cis-1,2-Dichloroethene	96	11.153	11.153	0.000	87	3049	0.4538	0.4083	
39 Ethyl acetate	88		11.185				ND	ND	
* 40 Chlorobromomethane	128	11.571	11.570	0.001	78	63617	10.0	10.0	
41 Tetrahydrofuran	42	11.603	11.586	0.017	87	2363	0.4489	0.3493	
42 Chloroform	83	11.742	11.742	0.000	94	5552	0.4538	0.3631	
44 1,1,1-Trichloroethane	97	12.047	12.041	0.006	94	5645	0.4579	0.3528	
43 Cyclohexane	84	12.186	12.180	0.006	93	3604	0.4561	0.3479	
45 Carbon tetrachloride	117	12.325	12.325	0.000	98	5854	0.4565	0.3533	
47 Benzene	78	12.673	12.667	0.006	94	8905	0.4642	0.3746	
48 1,2-Dichloroethane	62	12.753	12.753	0.000	96	3325	0.4655	0.3634	
46 Isooctane	57	12.876	12.870	0.006	98	12284	0.4704	0.3629	
49 n-Heptane	43	13.170	13.175	-0.005	83	4171	0.4722	0.3749	
* 50 1,4-Difluorobenzene	114	13.405	13.405	0.000	93	320038	10.0	10.0	
52 n-Butanol	56	13.614	13.587	0.027	70	1092	0.4291	0.2170	
53 Trichloroethene	95	13.833	13.839	-0.006	94	3901	0.4731	0.3824	
54 1,2-Dichloropropane	63	14.299	14.299	0.000	90	2848	0.4633	0.3619	
55 Methyl methacrylate	69	14.368	14.363	0.005	91	2196	0.4565	0.2834	
56 1,4-Dioxane	88	14.427	14.406	0.021	76	1597	0.4754	0.3335	
57 Dibromomethane	174	14.459	14.459	0.000	91	4281	0.4628	0.3590	
58 Dichlorobromomethane	83	14.764	14.764	0.000	97	5366	0.4749	0.3483	
60 cis-1,3-Dichloropropene	75	15.561	15.561	0.000	87	4596	0.4669	0.3370	
61 4-Methyl-2-pentanone (MIBK)	43	15.808	15.797	0.011	90	4600	0.4601	0.3250	
65 Toluene	92	16.198	16.198	0.000	93	6195	0.4565	0.3393	
64 n-Octane	43	16.433	16.428	0.005	83	5127	0.4642	0.3437	
66 trans-1,3-Dichloropropene	75	16.615	16.615	0.000	92	3489	0.4439	0.2956	
67 1,1,2-Trichloroethane	83	17.000	17.000	0.000	92	2783	0.4709	0.3398	
68 Tetrachloroethene	166	17.182	17.182	0.000	98	5943	0.4718	0.3443	
69 2-Hexanone	43	17.380	17.375	0.005	86	2005	0.4489	0.1571	
71 Chlorodibromomethane	129	17.744	17.739	0.005	96	5218	0.4350	0.2797	
72 Ethylene Dibromide	107	17.985	17.985	0.000	95	4278	0.4767	0.3094	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	83	267893	10.0	10.0	
75 Chlorobenzene	112	18.937	18.937	0.000	97	7980	0.4713	0.3485	
76 Ethylbenzene	91	19.124	19.124	0.000	97	11868	0.4592	0.3296	
78 m-Xylene & p-Xylene	106	19.381	19.386	-0.005	0	9622	0.9238	0.6698	
77 n-Nonane	57	19.435	19.429	0.006	86	4872	0.4709	0.3313	
S 73 Xylenes, Total	106				0		1.39	1.01	
79 o-Xylene	106	20.162	20.157	0.005	96	4446	0.4655	0.3387	
80 Styrene	104	20.194	20.194	0.000	94	5105	0.4637	0.2718	
81 Bromoform	173	20.553	20.553	0.000	97	4007	0.4624	0.2695	
82 Isopropylbenzene	105	20.842	20.841	0.001	94	12289	0.4687	0.3281	
84 1,1,2,2-Tetrachloroethane	83	21.361	21.360	0.000	98	5728	0.4646	0.3220	
86 1,2,3-Trichloropropane	75	21.462	21.462	0.000	95	4534	0.4758	0.3450	
85 N-Propylbenzene	91	21.548	21.553	-0.005	100	12813	0.4673	0.3310	
89 2-Chlorotoluene	91	21.698	21.703	-0.005	95	8433	0.4691	0.3388	
88 4-Ethyltoluene	105	21.746	21.746	0.000	97	10247	0.4642	0.3185	
90 1,3,5-Trimethylbenzene	105	21.831	21.836	-0.005	94	9916	0.4669	0.3367	
87 n-Decane	57	21.853	21.858	-0.005	91	5371	0.4682	0.3162	
91 Alpha Methyl Styrene	118	22.163	22.163	0.000	90	3248	0.4583	0.2645	
92 tert-Butylbenzene	119	22.313	22.318	-0.005	95	12367	0.4655	0.3240	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
93 1,2,4-Trimethylbenzene	105	22.404	22.404	0.000	96	8825	0.4673	0.3330	
94 sec-Butylbenzene	105	22.639	22.639	0.000	98	15349	0.4700	0.3370	
96 1,3-Dichlorobenzene	146	22.816	22.815	0.001	95	4953	0.4754	0.3088	
95 4-Isopropyltoluene	119	22.853	22.853	0.000	97	11296	0.4633	0.3200	
97 1,4-Dichlorobenzene	146	22.960	22.960	0.000	93	4215	0.4704	0.2910	
98 Benzyl chloride	91	23.105	23.104	0.000	97	3338	0.4754	0.2357	
100 n-Butylbenzene	91	23.409	23.404	0.005	98	8044	0.4669	0.3317	
101 1,2-Dichlorobenzene	146	23.447	23.447	0.000	98	5092	0.4691	0.3343	
99 Undecane	57	23.543	23.543	0.000	93	4780	0.4700	0.2814	
102 Dodecane	57		25.132				ND	ND	
103 1,2,4-Trichlorobenzene	180	25.897	25.902	-0.005	87	1536	0.4880	0.2261	
104 Hexachlorobutadiene	225	26.138	26.138	0.000	95	6927	0.4610	0.2951	
105 Naphthalene	128	26.389	26.389	0.000	93	2383	0.4367	0.1834	
106 1,2,3-Trichlorobenzene	180	26.796	26.796	0.000	90	1698	0.4098	0.2219	
123 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL3w_00232	Amount Added: 18.00	Units: mL	
ATTO15XISs_00002	Amount Added: 20.00	Units: mL	Run Reagent

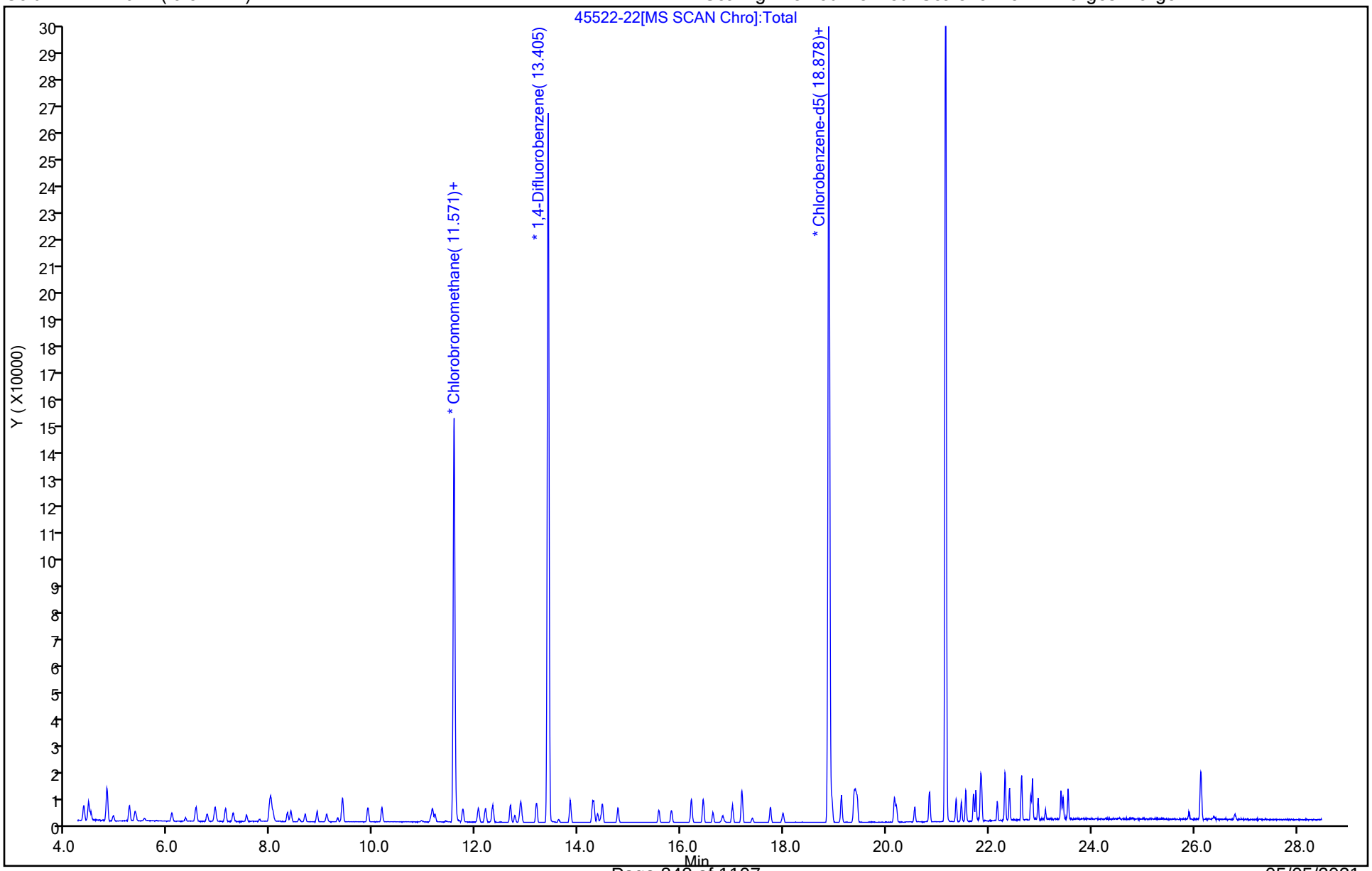
Report Date: 12-Apr-2021 06:59:41 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-22.D

Injection Date:	09-Apr-2021 09:41:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	IC			Worklist Smp#:	22
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 09-Apr-2021 11:15:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045522-023
Operator ID: ggg Instrument ID: CHX.i
Sublist: chrom-TO15_MasterMethod_X.m*sub5

Method: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Apr-2021 06:59:43 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: bourdeaut Date: 09-Apr-2021 12:23:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.354	4.343	0.011	96	237578	20.6	20.1	
2 Dichlorodifluoromethane	85	4.450	4.439	0.011	99	704245	20.9	21.4	
3 Chlorodifluoromethane	51	4.493	4.482	0.011	97	416217	21.0	20.8	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.809	4.792	0.017	98	805276	20.8	20.9	
5 Chloromethane	50	4.932	4.921	0.011	99	257556	21.8	22.0	
7 Vinyl chloride	62	5.247	5.231	0.016	82	266611	20.8	21.8	
6 Butane	43	5.247	5.236	0.011	98	352661	20.7	21.2	
8 Butadiene	54	5.360	5.349	0.011	94	201686	20.2	22.6	
10 Bromomethane	94	6.071	6.060	0.011	99	253931	20.6	20.4	
11 Chloroethane	64	6.339	6.328	0.011	99	133180	20.8	21.0	
12 2-Methylbutane	43	6.542	6.531	0.011	91	260819	20.9	20.8	
13 Vinyl bromide	106	6.761	6.750	0.011	99	258376	20.8	21.6	
14 Trichlorofluoromethane	101	6.917	6.905	0.011	98	568007	21.1	21.2	
16 Pentane	43	7.120	7.109	0.011	98	351727	20.3	20.8	
17 Ethanol	45	7.248	7.242	0.006	98	260689	40.0	41.5	
18 Ethyl ether	59	7.510	7.505	0.005	95	148924	20.2	20.9	
19 Acrolein	56	7.767	7.761	0.006	95	74224	19.4	19.2	
21 1,1-Dichloroethene	96	7.976	7.965	0.011	96	222176	20.6	20.0	
20 112TCTFE	101	8.003	7.997	0.005	96	458641	21.0	20.9	
22 Acetone	43	8.029	8.024	0.005	97	266468	20.5	18.1	
24 Isopropyl alcohol	45	8.297	8.296	0.001	100	304233	20.4	18.0	
23 Carbon disulfide	76	8.393	8.382	0.011	98	574837	20.3	19.6	
26 Acetonitrile	41	8.537	8.537	0.000	99	105878	19.8	18.0	
25 3-Chloro-1-propene	41	8.671	8.660	0.011	96	200007	21.3	19.4	
27 Methylene Chloride	49	8.901	8.896	0.005	86	177569	20.6	18.8	
28 2-Methyl-2-propanol	59	9.062	9.056	0.006	93	379775	21.6	20.8	
32 Acrylonitrile	53	9.292	9.286	0.006	95	128993	20.2	21.1	
29 Methyl tert-butyl ether	73	9.377	9.372	0.005	96	594683	20.9	21.1	
31 trans-1,2-Dichloroethene	61	9.399	9.393	0.006	96	284218	20.4	21.5	
S 30 1,2-Dichloroethene, Total	61				0		40.6	43.8	
33 Hexane	57	9.891	9.891	0.000	90	295664	21.2	20.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 Vinyl acetate	43	10.153	10.153	0.000	100	438684	20.8	21.5	
34 1,1-Dichloroethane	63	10.164	10.163	0.001	99	343441	20.0	20.5	
38 2-Butanone (MEK)	72	11.111	11.110	0.001	98	106313	20.7	20.7	
37 cis-1,2-Dichloroethene	96	11.153	11.153	0.000	91	230120	20.2	22.3	
39 Ethyl acetate	88	11.186	11.185	0.001	99	19317	20.3	19.8	
* 40 Chlorobromomethane	128	11.576	11.570	0.006	78	87964	10.0	10.0	
41 Tetrahydrofuran	42	11.592	11.586	0.006	88	186643	20.0	20.5	
42 Chloroform	83	11.742	11.742	0.000	95	425340	20.2	20.1	
44 1,1,1-Trichloroethane	97	12.047	12.041	0.006	94	444391	20.4	20.7	
43 Cyclohexane	84	12.186	12.180	0.006	95	292229	20.3	21.0	
45 Carbon tetrachloride	117	12.325	12.325	0.000	97	480133	20.3	21.6	
47 Benzene	78	12.673	12.667	0.006	94	663287	20.7	20.8	
48 1,2-Dichloroethane	62	12.758	12.753	0.005	98	258786	20.7	21.1	
46 Isooctane	57	12.871	12.870	0.001	99	962096	20.9	21.2	
49 n-Heptane	43	13.176	13.175	0.001	88	316118	21.0	21.2	
* 50 1,4-Difluorobenzene	114	13.406	13.405	0.001	93	429820	10.0	10.0	
52 n-Butanol	56	13.593	13.587	0.006	84	139527	19.1	20.6	
53 Trichloroethene	95	13.839	13.839	0.000	96	302127	21.1	22.1	
54 1,2-Dichloropropane	63	14.304	14.299	0.005	92	224004	20.6	21.2	
55 Methyl methacrylate	69	14.363	14.363	0.000	97	228204	20.3	21.9	
56 1,4-Dioxane	88	14.411	14.406	0.005	89	135679	21.2	21.1	
57 Dibromomethane	174	14.465	14.459	0.006	91	340860	20.6	21.3	
58 Dichlorobromomethane	83	14.770	14.764	0.006	98	460021	21.1	22.2	
60 cis-1,3-Dichloropropene	75	15.562	15.561	0.001	90	403762	20.8	22.0	
61 4-Methyl-2-pentanone (MIBK)	43	15.802	15.797	0.005	94	406570	20.5	21.4	
65 Toluene	92	16.198	16.198	0.000	93	486688	20.3	20.9	
64 n-Octane	43	16.428	16.428	0.000	88	421687	20.7	21.0	
66 trans-1,3-Dichloropropene	75	16.621	16.615	0.006	95	339436	19.8	21.4	
67 1,1,2-Trichloroethane	83	17.001	17.000	0.001	94	231262	21.0	22.2	
68 Tetrachloroethene	166	17.188	17.182	0.006	97	478074	21.0	21.7	
69 2-Hexanone	43	17.375	17.375	0.000	98	370896	20.0	22.8	
71 Chlorodibromomethane	129	17.739	17.739	0.000	98	513983	19.4	21.6	
72 Ethylene Dibromide	107	17.985	17.985	0.000	99	408481	21.2	23.2	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	83	341413	10.0	10.0	
75 Chlorobenzene	112	18.943	18.937	0.006	97	632923	21.0	21.7	
76 Ethylbenzene	91	19.125	19.124	0.001	97	967785	20.4	21.1	
78 m-Xylene & p-Xylene	106	19.387	19.386	0.001	0	778393	41.1	42.5	
77 n-Nonane	57	19.435	19.429	0.006	85	406140	21.0	21.7	
S 73 Xylenes, Total	106				0		61.8	63.9	
79 o-Xylene	106	20.157	20.157	0.000	99	358393	20.7	21.4	
80 Styrene	104	20.200	20.194	0.006	96	552538	20.6	23.1	
81 Bromoform	173	20.553	20.553	0.000	99	459137	20.6	24.2	
82 Isopropylbenzene	105	20.842	20.841	0.001	95	1029820	20.9	21.6	
84 1,1,2,2-Tetrachloroethane	83	21.361	21.360	0.001	98	485456	20.7	21.4	
86 1,2,3-Trichloropropane	75	21.462	21.462	0.000	97	364490	21.2	21.8	
85 N-Propylbenzene	91	21.553	21.553	0.000	100	1059819	20.8	21.5	
89 2-Chlorotoluene	91	21.703	21.703	0.000	95	672721	20.9	21.2	
88 4-Ethyltoluene	105	21.746	21.746	0.000	98	878258	20.7	21.4	
90 1,3,5-Trimethylbenzene	105	21.837	21.836	0.001	94	795050	20.8	21.2	
87 n-Decane	57	21.858	21.858	0.000	92	463662	20.8	21.4	
91 Alpha Methyl Styrene	118	22.163	22.163	0.000	92	356929	20.4	22.8	
92 tert-Butylbenzene	119	22.318	22.318	0.000	95	1046472	20.7	21.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
93 1,2,4-Trimethylbenzene	105	22.404	22.404	0.000	96	707471	20.8	20.9	
94 sec-Butylbenzene	105	22.639	22.639	0.000	99	1243567	20.9	21.4	
96 1,3-Dichlorobenzene	146	22.816	22.815	0.001	95	455383	21.2	22.3	
95 4-Isopropyltoluene	119	22.853	22.853	0.000	98	944513	20.6	21.0	
97 1,4-Dichlorobenzene	146	22.960	22.960	0.000	97	413267	20.9	22.4	
98 Benzyl chloride	91	23.105	23.104	0.001	100	431940	21.2	23.9	
100 n-Butylbenzene	91	23.404	23.404	0.000	98	646538	20.8	20.9	
101 1,2-Dichlorobenzene	146	23.447	23.447	0.000	98	412593	20.9	21.3	
99 Undecane	57	23.543	23.543	0.000	93	472366	20.9	21.8	
102 Dodecane	57	25.132	25.132	0.000	98	411403	18.7	18.8	
103 1,2,4-Trichlorobenzene	180	25.903	25.902	0.001	93	206955	21.7	23.9	
104 Hexachlorobutadiene	225	26.133	26.138	-0.005	95	649177	20.5	21.7	
105 Naphthalene	128	26.384	26.389	-0.005	99	352975	19.4	21.3	
106 1,2,3-Trichlorobenzene	180	26.796	26.796	0.000	95	189555	18.2	19.4	
123 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL6w_00187	Amount Added: 200.00	Units: mL	
ATTO15XISs_00002	Amount Added: 20.00	Units: mL	Run Reagent

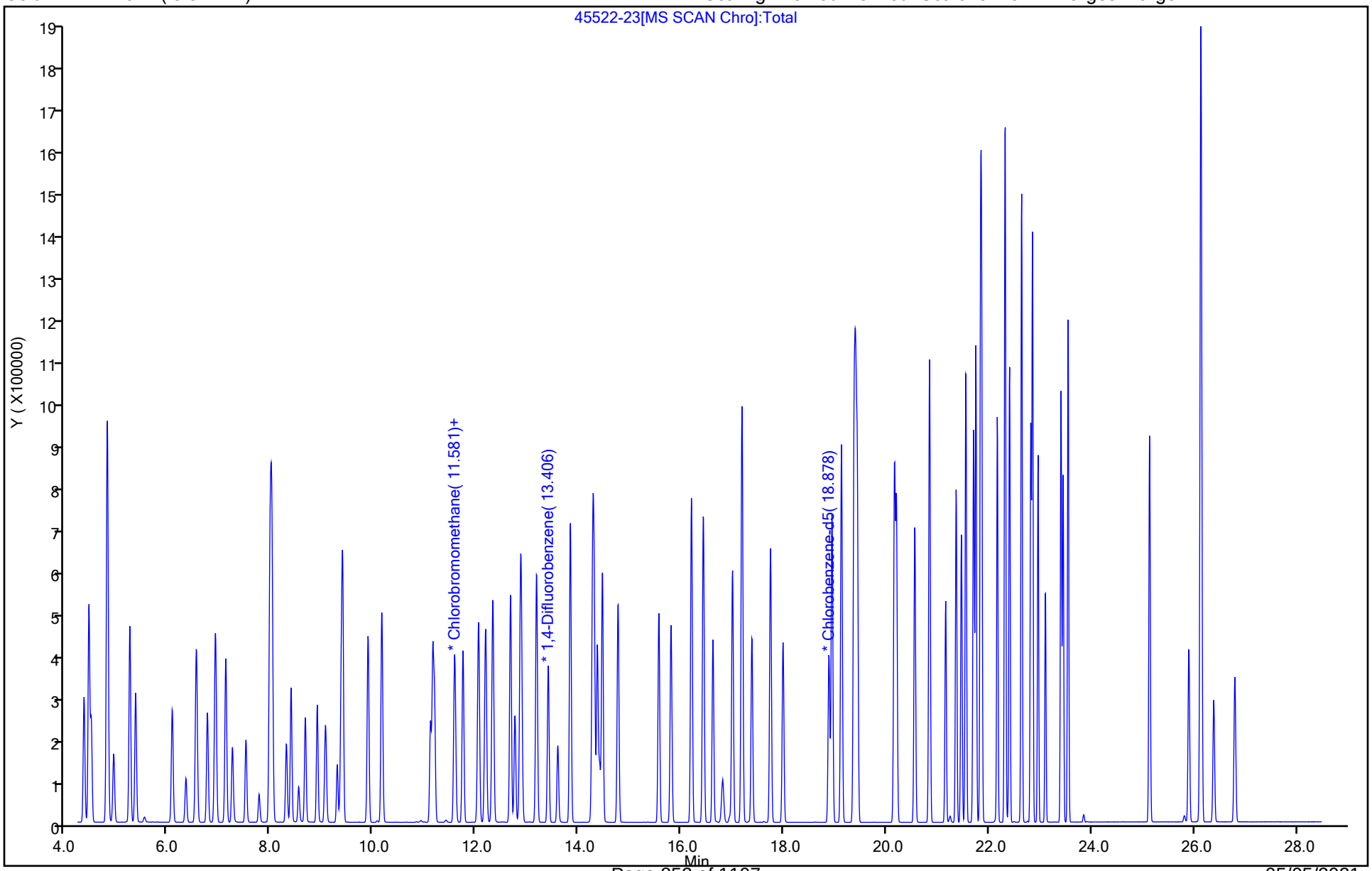
Report Date: 12-Apr-2021 06:59:43 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Injection Date:	09-Apr-2021 11:15:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	IC			Worklist Smp#:	23
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration / Propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

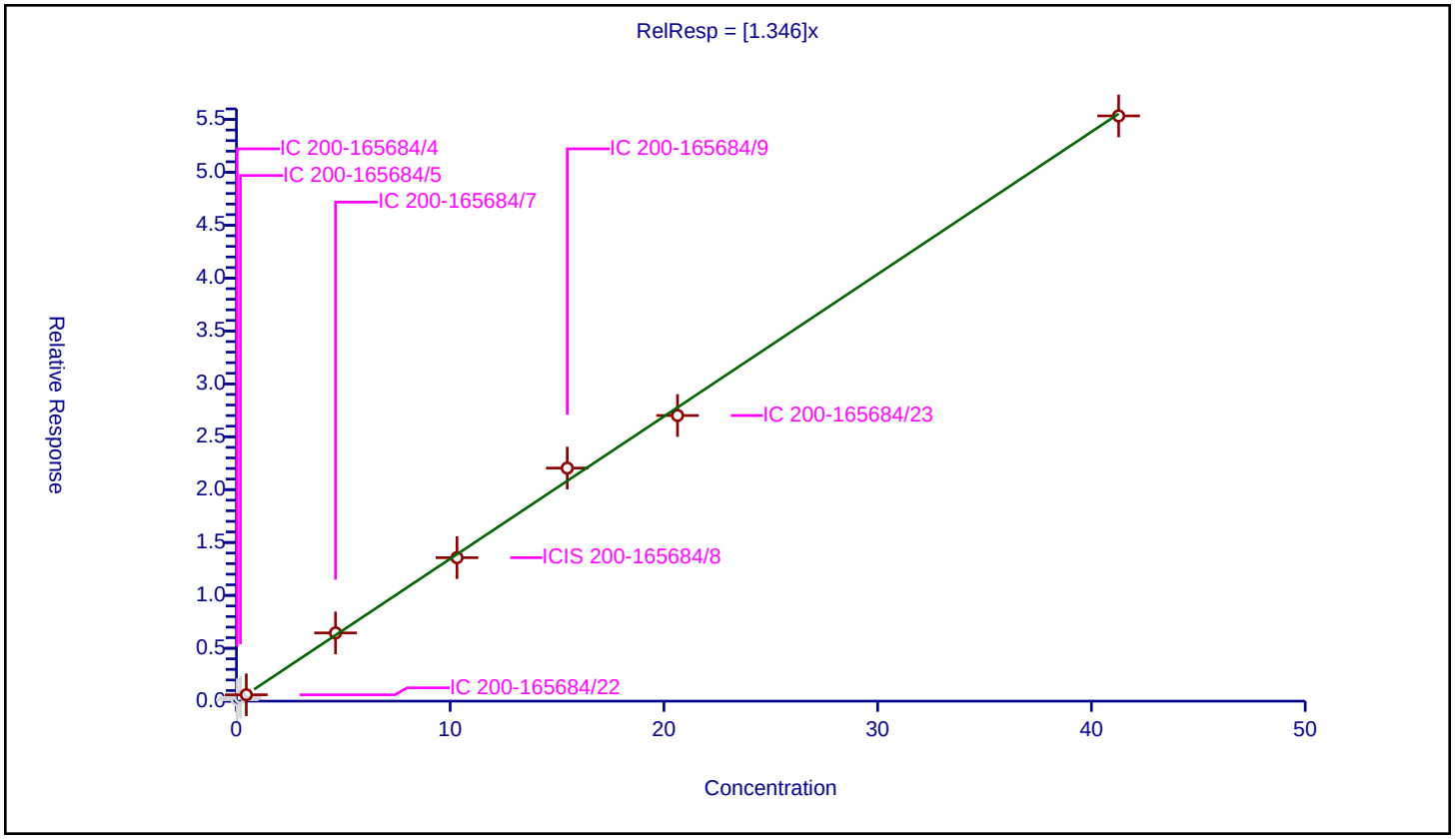
Curve Coefficients

Intercept:	0
Slope:	1.346

Error Coefficients

Standard Error:	263000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036199	0.128678	10.0	81055.0	3.554701	N
2	IC 200-165684/5	0.186168	0.354703	10.0	79785.0	1.905282	N
3	IC 200-165684/22	0.463709	0.600783	10.0	63617.0	1.295602	Y
4	IC 200-165684/7	4.637092	6.450283	10.0	65501.0	1.391019	Y
5	ICIS 200-165684/8	10.317998	13.5653	10.0	79135.0	1.314722	Y
6	IC 200-165684/9	15.476997	22.035851	10.0	79495.0	1.423781	Y
7	IC 200-165684/23	20.635996	27.008549	10.0	87964.0	1.308808	Y
8	IC 200-165684/13	41.271991	55.334455	10.0	89743.0	1.340727	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

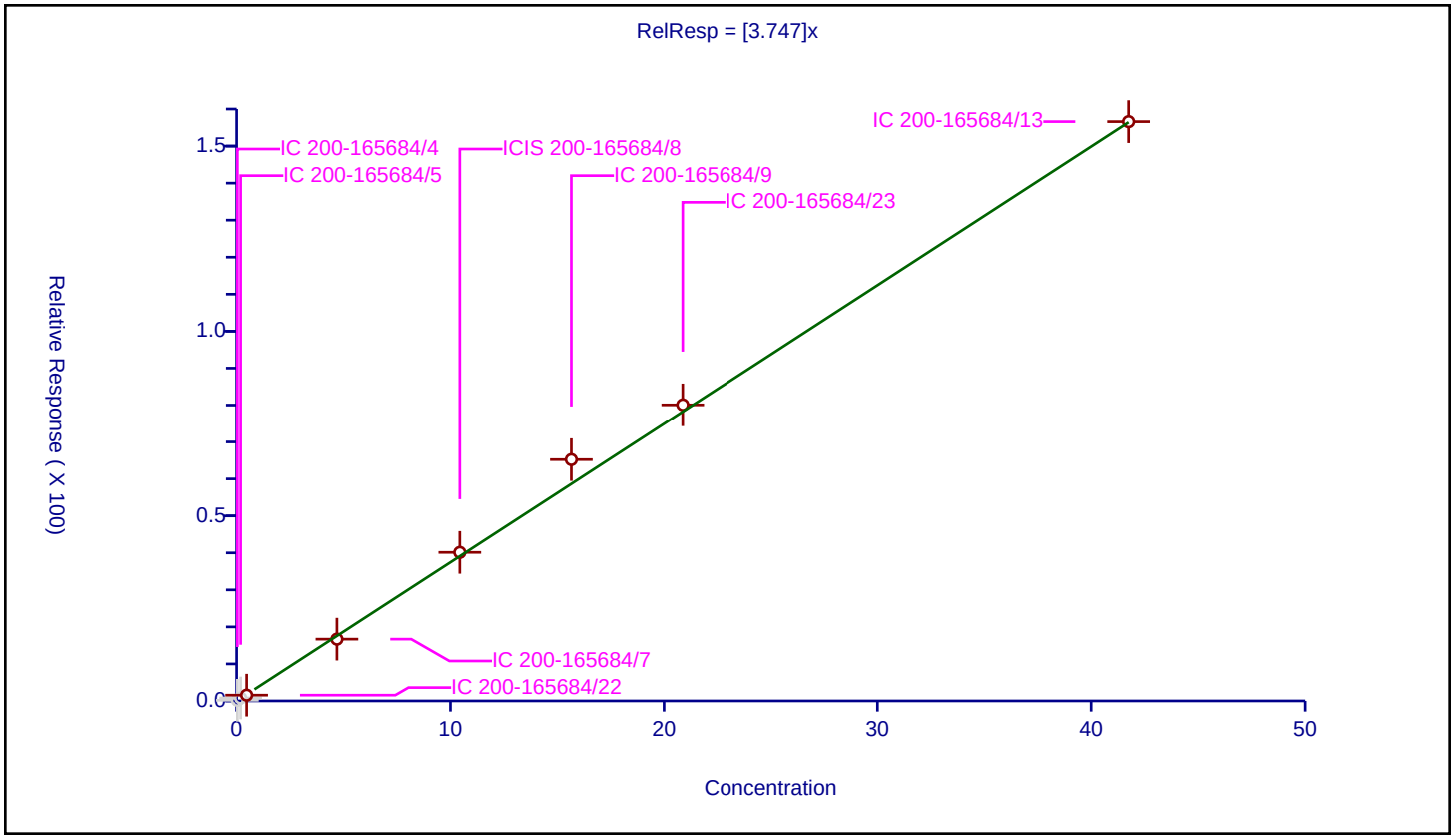
Curve Coefficients

Intercept:	0
Slope:	3.747

Error Coefficients

Standard Error:	755000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03662	0.174696	10.0	81055.0	4.770471	N
2	IC 200-165684/5	0.188333	0.791878	10.0	79785.0	4.204668	N
3	IC 200-165684/22	0.469101	1.55996	10.0	63617.0	3.325424	Y
4	IC 200-165684/7	4.691012	16.689516	10.0	65501.0	3.557764	Y
5	ICIS 200-165684/8	10.437975	40.139761	10.0	79135.0	3.845551	Y
6	IC 200-165684/9	15.656962	65.231524	10.0	79495.0	4.166295	Y
7	IC 200-165684/23	20.875949	80.060593	10.0	87964.0	3.835064	Y
8	IC 200-165684/13	41.751898	156.602298	10.0	89743.0	3.750783	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

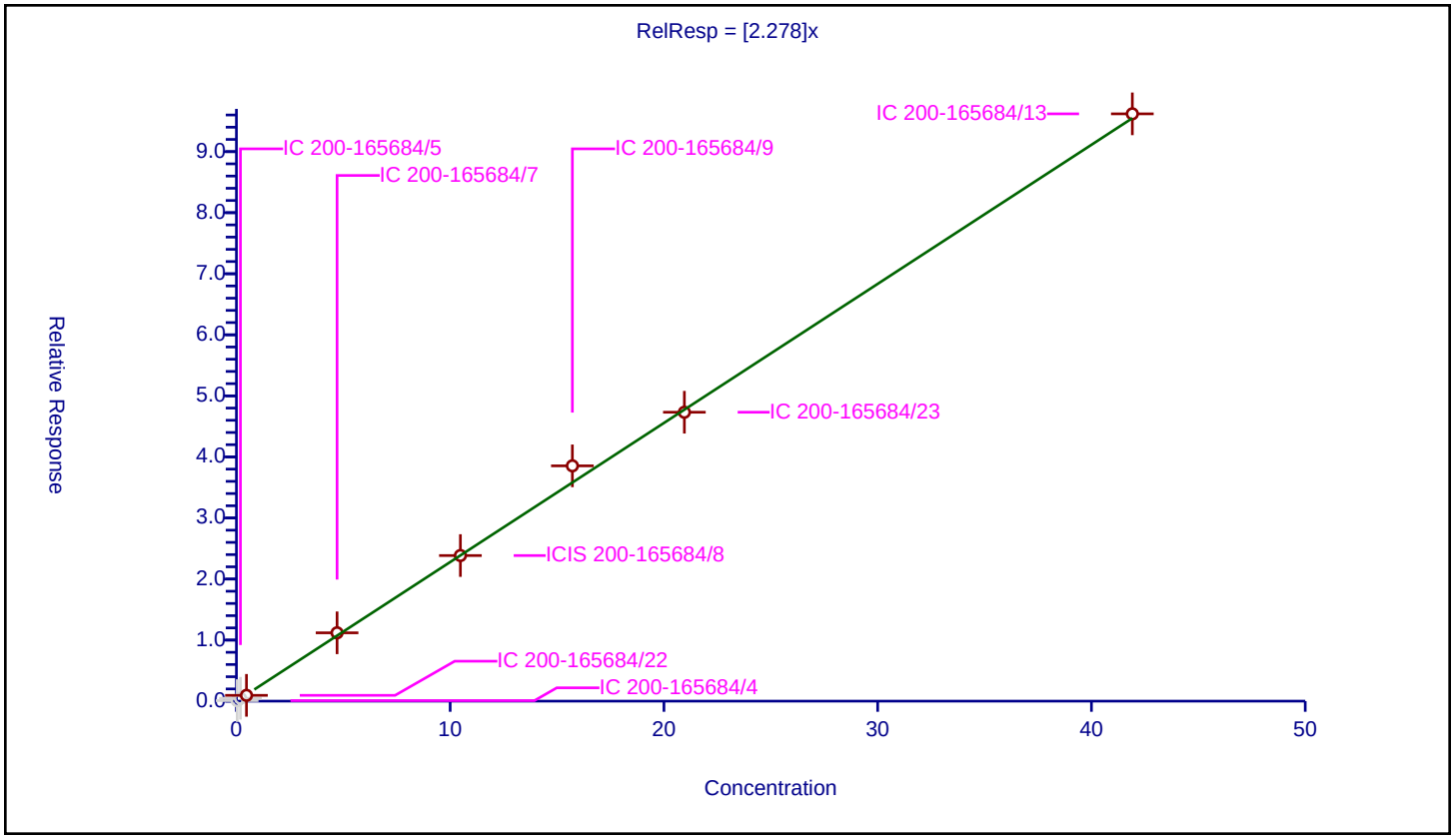
Curve Coefficients

Intercept:	0
Slope:	2.278

Error Coefficients

Standard Error:	459000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036761	0.083647	10.0	81055.0	2.275448	N
2	IC 200-165684/5	0.189055	0.470013	10.0	79785.0	2.486123	N
3	IC 200-165684/22	0.470899	0.94676	10.0	63617.0	2.010538	Y
4	IC 200-165684/7	4.708985	11.191738	10.0	65501.0	2.376677	Y
5	ICIS 200-165684/8	10.477967	23.847602	10.0	79135.0	2.275976	Y
6	IC 200-165684/9	15.71695	38.536134	10.0	79495.0	2.451884	Y
7	IC 200-165684/23	20.955934	47.316743	10.0	87964.0	2.257916	Y
8	IC 200-165684/13	41.911867	96.187558	10.0	89743.0	2.294996	Y



Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

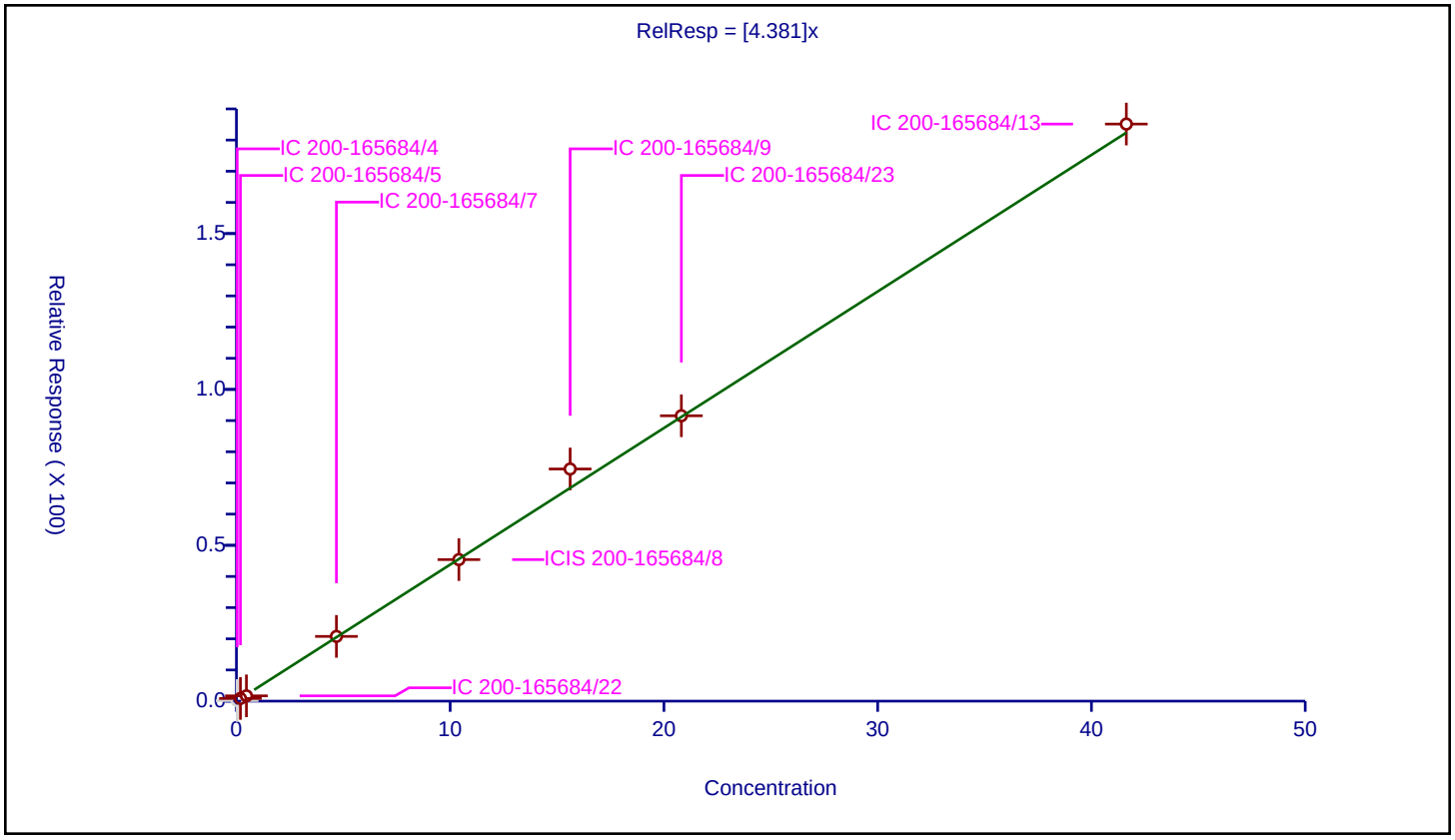
Curve Coefficients

Intercept:	0
Slope:	4.381

Error Coefficients

Standard Error:	807000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036515	0.173092	10.0	81055.0	4.740295	N
2	IC 200-165684/5	0.187792	0.866579	10.0	79785.0	4.61457	Y
3	IC 200-165684/22	0.467753	1.69876	10.0	63617.0	3.631744	Y
4	IC 200-165684/7	4.677532	20.768996	10.0	65501.0	4.440161	Y
5	ICIS 200-165684/8	10.40798	45.406205	10.0	79135.0	4.362634	Y
6	IC 200-165684/9	15.611971	74.475502	10.0	79495.0	4.77041	Y
7	IC 200-165684/23	20.815961	91.546087	10.0	87964.0	4.39788	Y
8	IC 200-165684/13	41.631921	185.139342	10.0	89743.0	4.447053	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

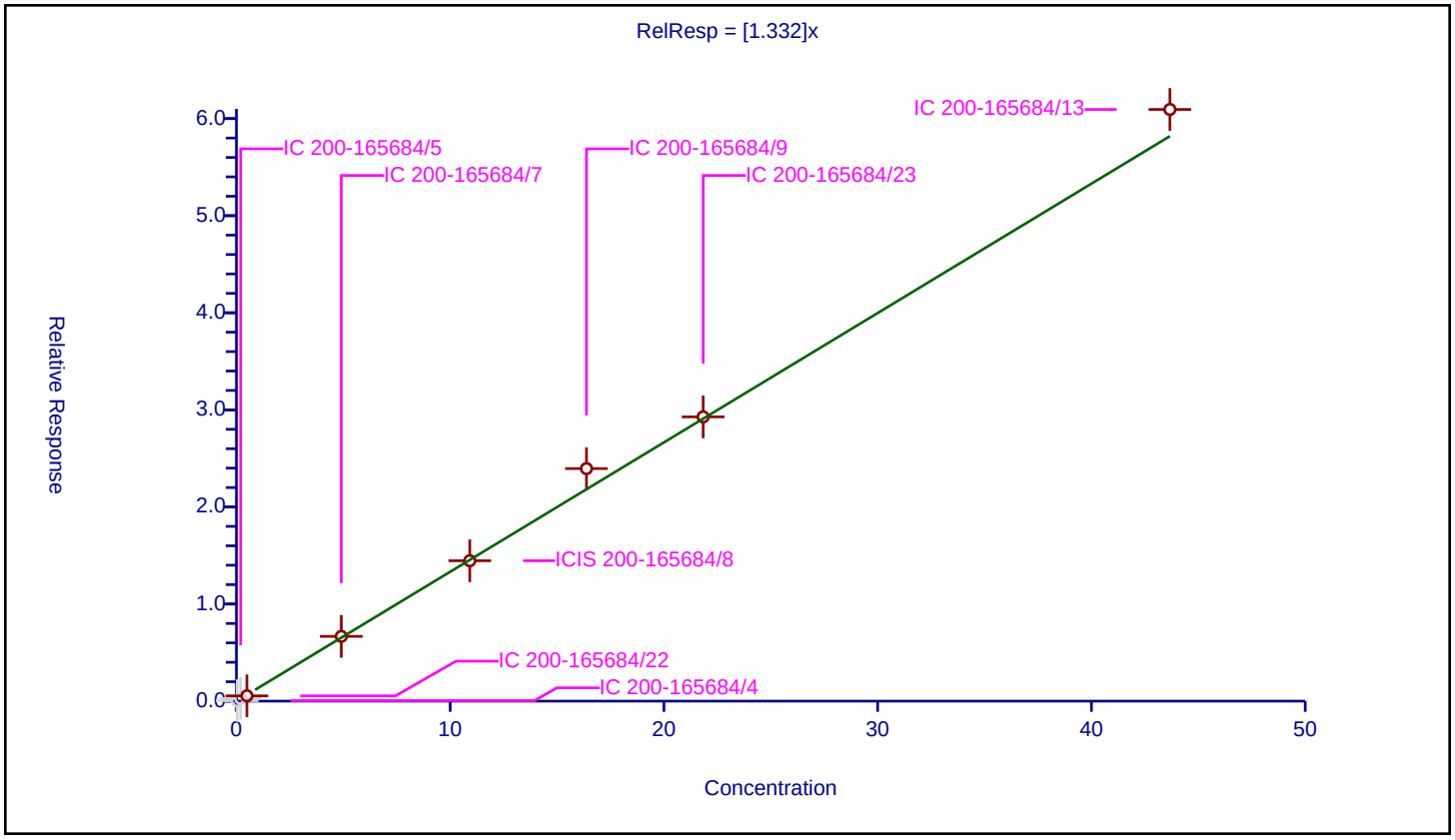
Curve Coefficients

Intercept:	0
Slope:	1.332

Error Coefficients

Standard Error:	289000
Relative Standard Error:	8.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.038304	0.044908	10.0	81055.0	1.172404	N
2	IC 200-165684/5	0.196992	0.282008	10.0	79785.0	1.43157	N
3	IC 200-165684/22	0.490669	0.545609	10.0	63617.0	1.111969	Y
4	IC 200-165684/7	4.906691	6.669516	10.0	65501.0	1.35927	Y
5	ICIS 200-165684/8	10.917881	14.461363	10.0	79135.0	1.324558	Y
6	IC 200-165684/9	16.376822	23.953205	10.0	79495.0	1.462628	Y
7	IC 200-165684/23	21.835763	29.279705	10.0	87964.0	1.340906	Y
8	IC 200-165684/13	43.671526	60.941243	10.0	89743.0	1.395446	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

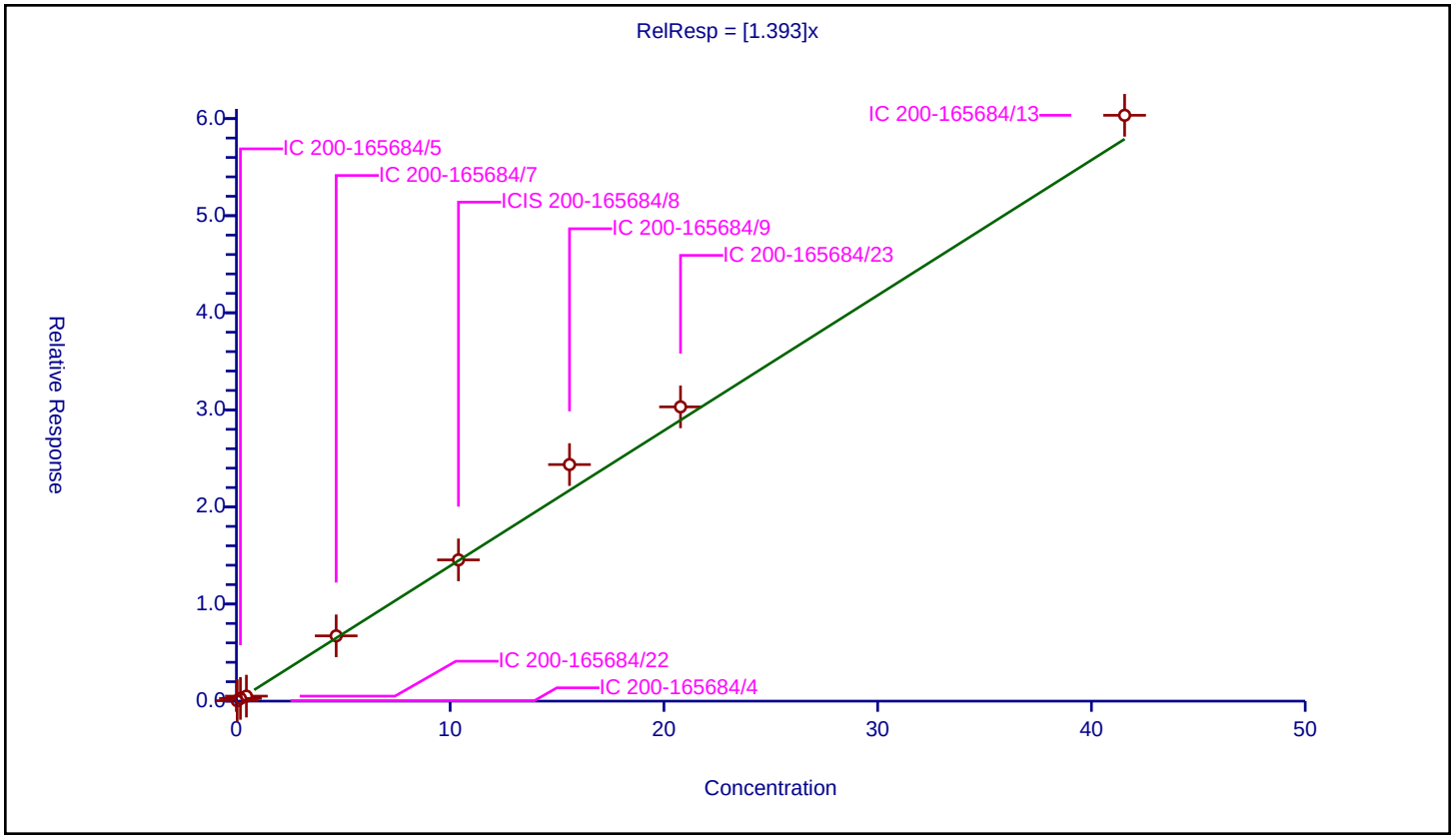
Curve Coefficients

Intercept:	0
Slope:	1.393

Error Coefficients

Standard Error:	244000
Relative Standard Error:	10.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036445	0.044661	10.0	81055.0	1.225438	Y
2	IC 200-165684/5	0.187431	0.280128	10.0	79785.0	1.494564	Y
3	IC 200-165684/22	0.466855	0.518258	10.0	63617.0	1.110105	Y
4	IC 200-165684/7	4.668546	6.724325	10.0	65501.0	1.440347	Y
5	ICIS 200-165684/8	10.387984	14.549946	10.0	79135.0	1.400652	Y
6	IC 200-165684/9	15.581976	24.366816	10.0	79495.0	1.563782	Y
7	IC 200-165684/23	20.775968	30.309104	10.0	87964.0	1.458854	Y
8	IC 200-165684/13	41.551937	60.342422	10.0	89743.0	1.452217	Y



Calibration / Butane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

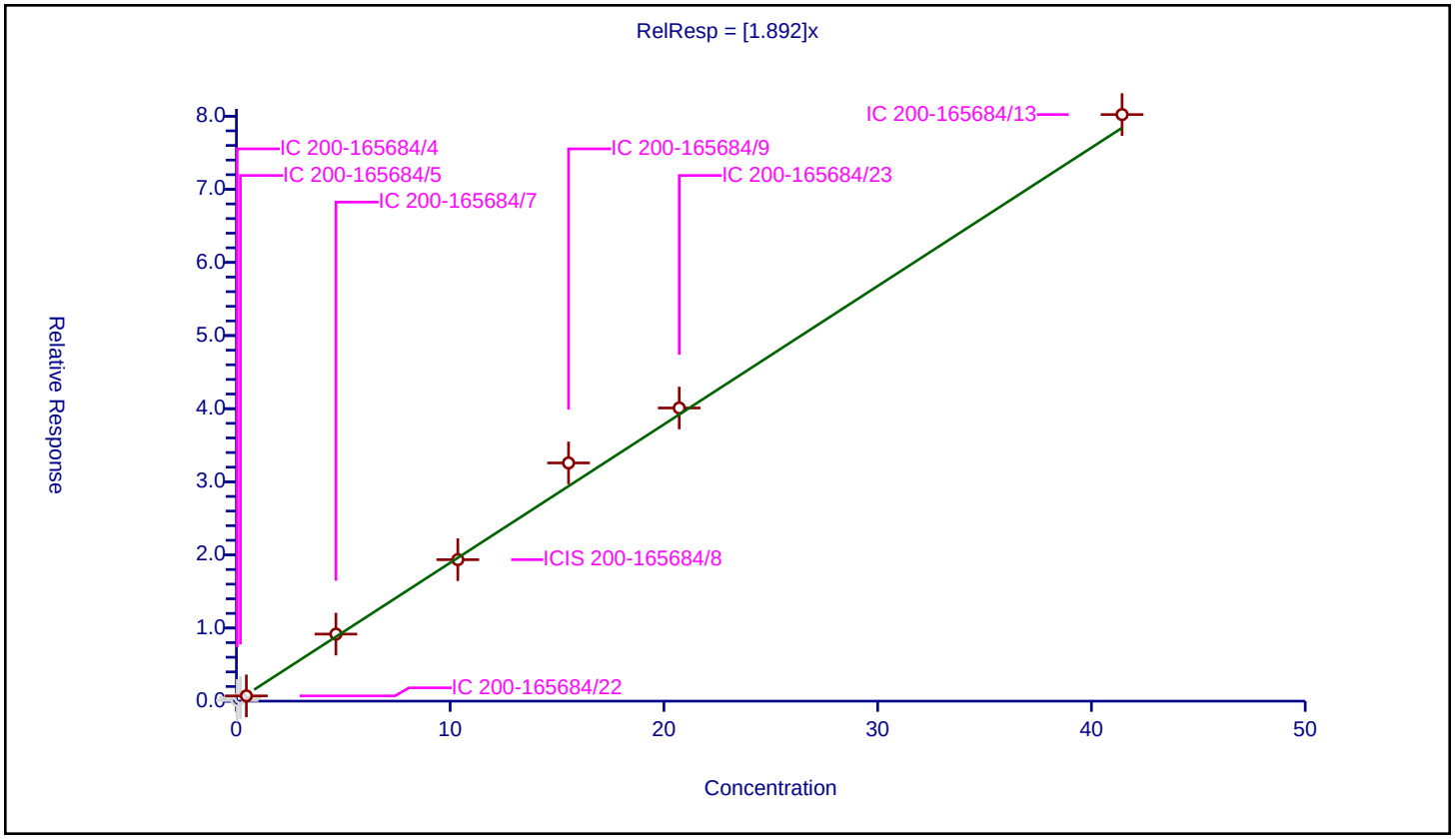
Curve Coefficients

Intercept:	0
Slope:	1.892

Error Coefficients

Standard Error:	384000
Relative Standard Error:	9.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03634	0.091296	10.0	81055.0	2.512294	N
2	IC 200-165684/5	0.18689	0.473773	10.0	79785.0	2.535039	N
3	IC 200-165684/22	0.465507	0.720876	10.0	63617.0	1.548585	Y
4	IC 200-165684/7	4.655066	9.1707	10.0	65501.0	1.970047	Y
5	ICIS 200-165684/8	10.35799	19.346812	10.0	79135.0	1.867815	Y
6	IC 200-165684/9	15.536985	32.576892	10.0	79495.0	2.096732	Y
7	IC 200-165684/23	20.71598	40.091515	10.0	87964.0	1.935294	Y
8	IC 200-165684/13	41.43196	80.222413	10.0	89743.0	1.936245	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

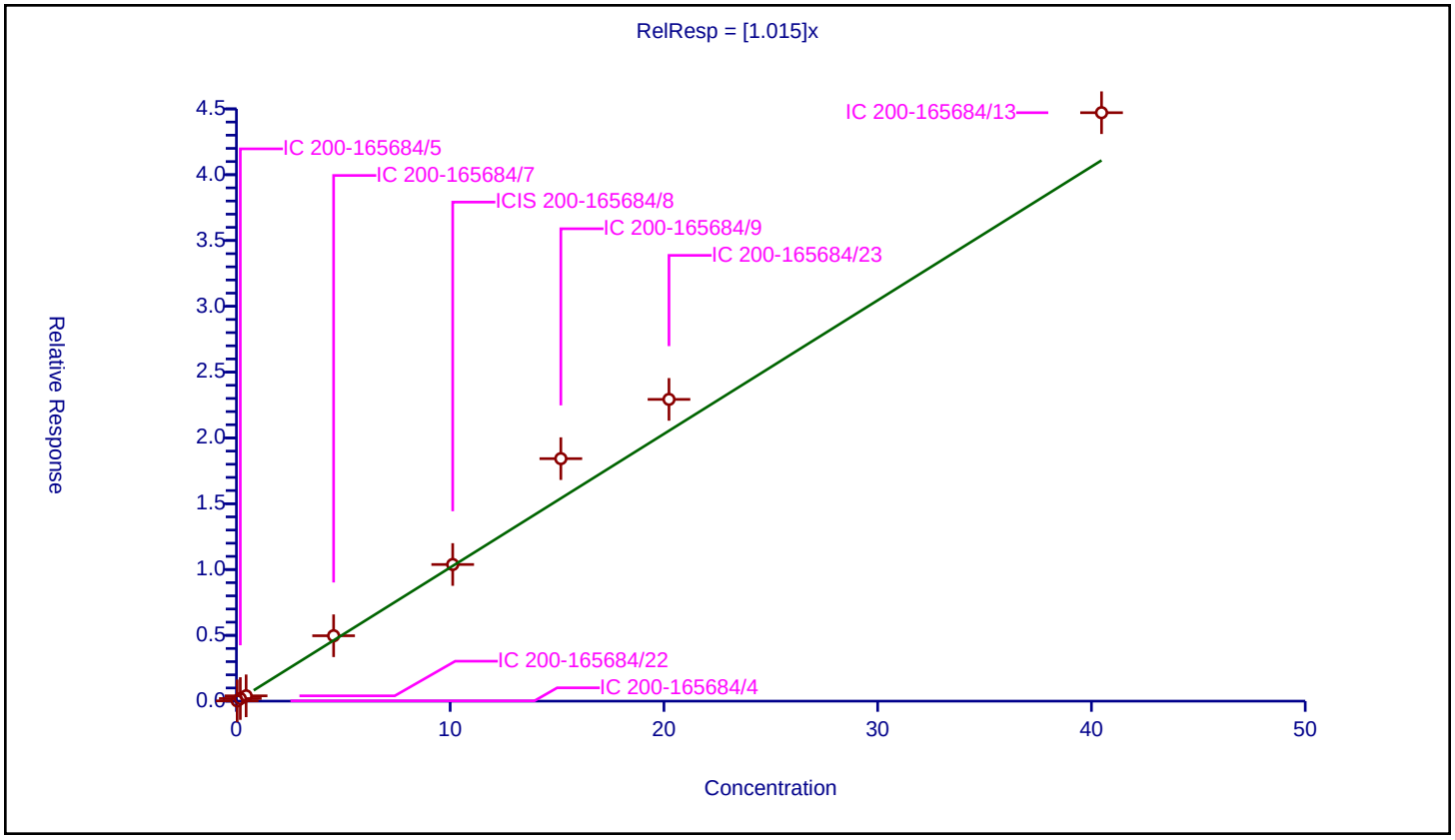
Curve Coefficients

Intercept:	0
Slope:	1.015

Error Coefficients

Standard Error:	182000
Relative Standard Error:	19.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035498	0.02085	10.0	81055.0	0.58736	Y
2	IC 200-165684/5	0.18256	0.196779	10.0	79785.0	1.077883	Y
3	IC 200-165684/22	0.454723	0.40288	10.0	63617.0	0.88599	Y
4	IC 200-165684/7	4.547226	4.968168	10.0	65501.0	1.092571	Y
5	ICIS 200-165684/8	10.118037	10.381879	10.0	79135.0	1.026076	Y
6	IC 200-165684/9	15.177055	18.424807	10.0	79495.0	1.213991	Y
7	IC 200-165684/23	20.236073	22.928243	10.0	87964.0	1.133038	Y
8	IC 200-165684/13	40.472146	44.710562	10.0	89743.0	1.104724	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

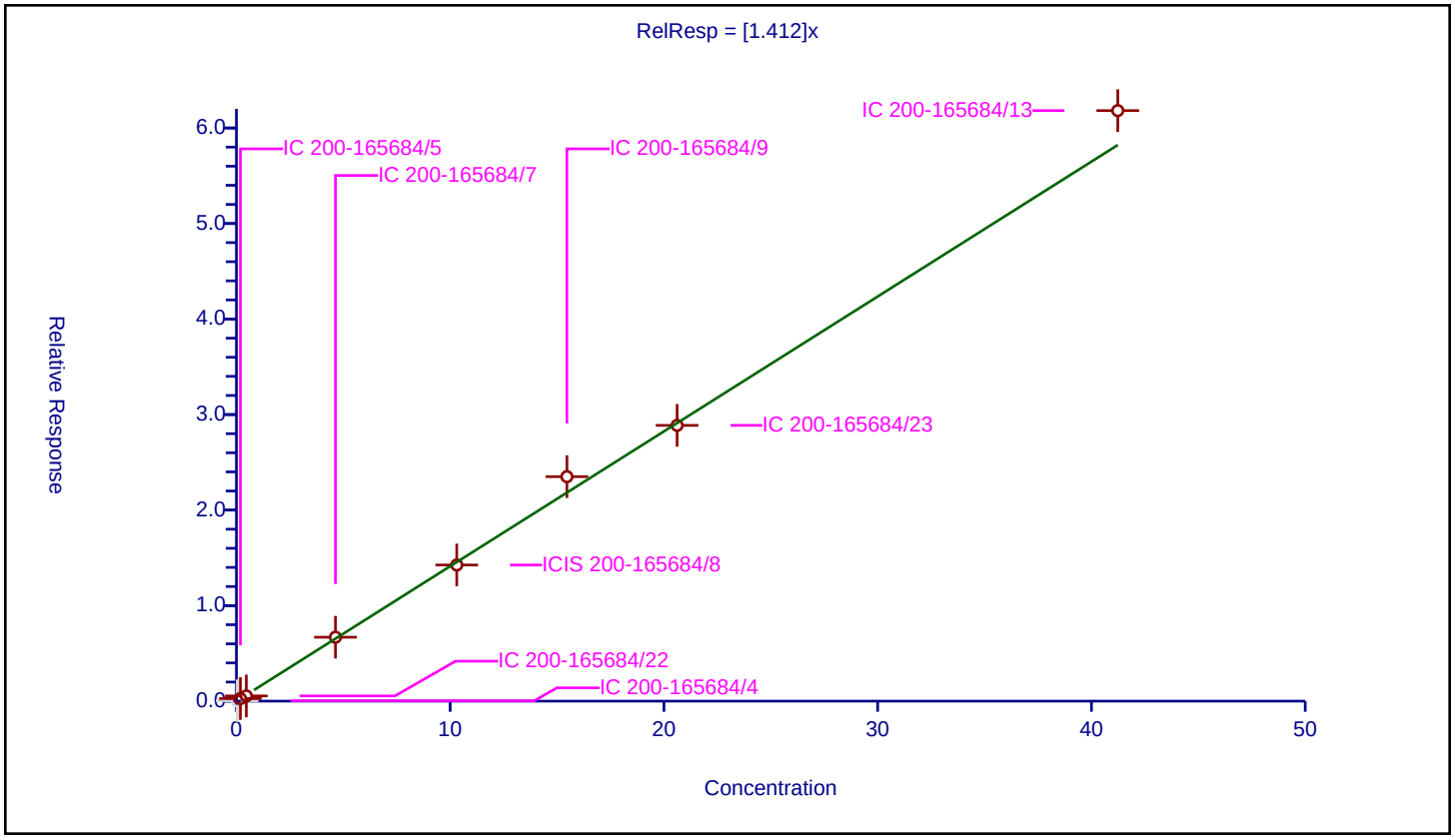
Curve Coefficients

Intercept:	0
Slope:	1.412

Error Coefficients

Standard Error:	265000
Relative Standard Error:	8.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036164	0.041577	10.0	81055.0	1.149661	N
2	IC 200-165684/5	0.185988	0.27173	10.0	79785.0	1.46101	Y
3	IC 200-165684/22	0.46326	0.545294	10.0	63617.0	1.177081	Y
4	IC 200-165684/7	4.632599	6.689364	10.0	65501.0	1.443976	Y
5	ICIS 200-165684/8	10.308	14.250711	10.0	79135.0	1.38249	Y
6	IC 200-165684/9	15.462	23.499465	10.0	79495.0	1.519821	Y
7	IC 200-165684/23	20.615999	28.867605	10.0	87964.0	1.400253	Y
8	IC 200-165684/13	41.231999	61.819752	10.0	89743.0	1.499315	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

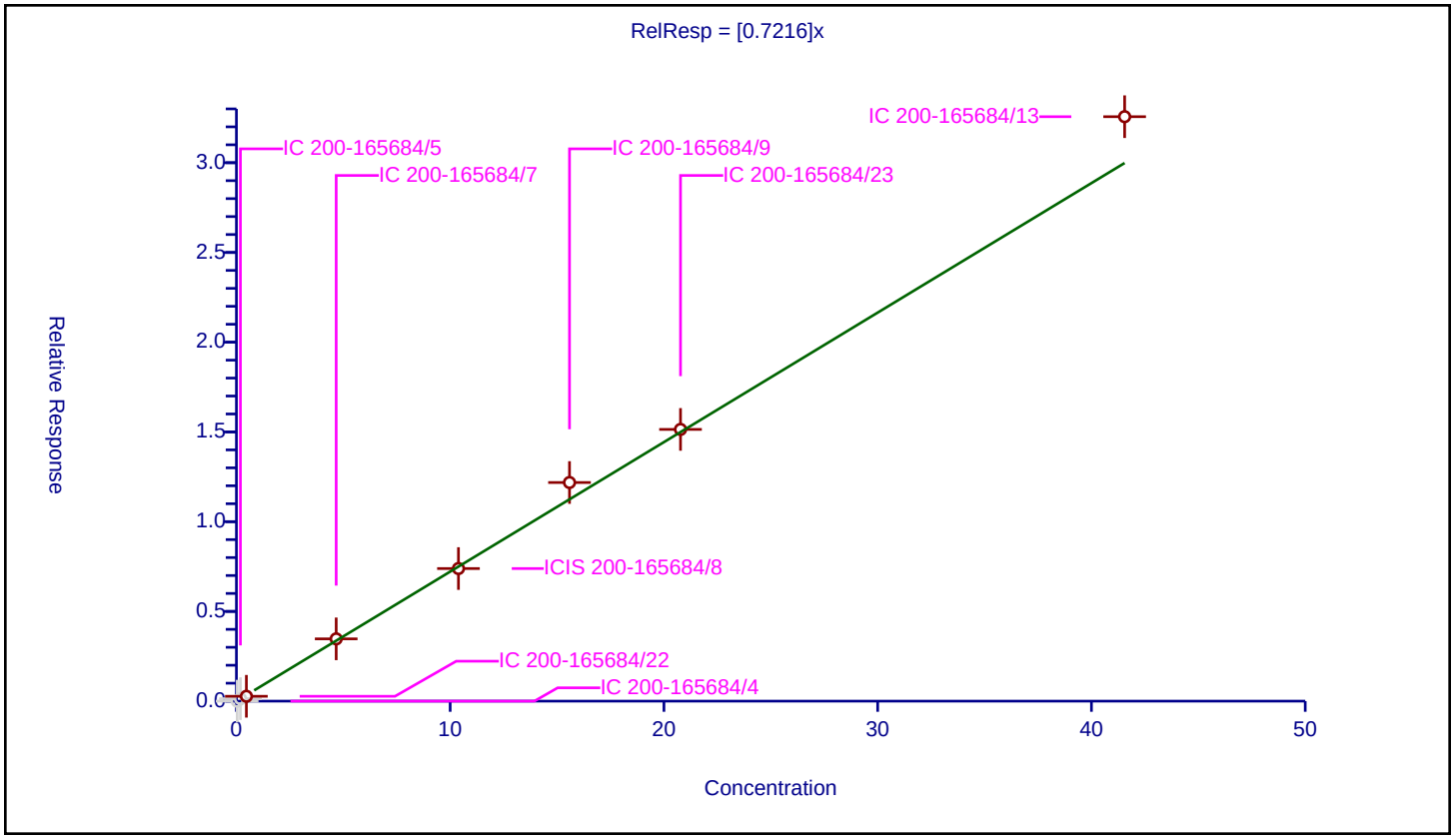
Curve Coefficients

Intercept:	0
Slope:	0.7216

Error Coefficients

Standard Error:	153000
Relative Standard Error:	10.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036445	0.0	10.0	81055.0	0.0	N
2	IC 200-165684/5	0.187431	0.137495	10.0	79785.0	0.733574	N
3	IC 200-165684/22	0.466855	0.271154	10.0	63617.0	0.58081	Y
4	IC 200-165684/7	4.668546	3.470481	10.0	65501.0	0.743375	Y
5	ICIS 200-165684/8	10.387984	7.387629	10.0	79135.0	0.711171	Y
6	IC 200-165684/9	15.581976	12.182401	10.0	79495.0	0.781826	Y
7	IC 200-165684/23	20.775968	15.140285	10.0	87964.0	0.72874	Y
8	IC 200-165684/13	41.551937	32.565325	10.0	89743.0	0.783726	Y



Calibration / 2-Methylbutane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

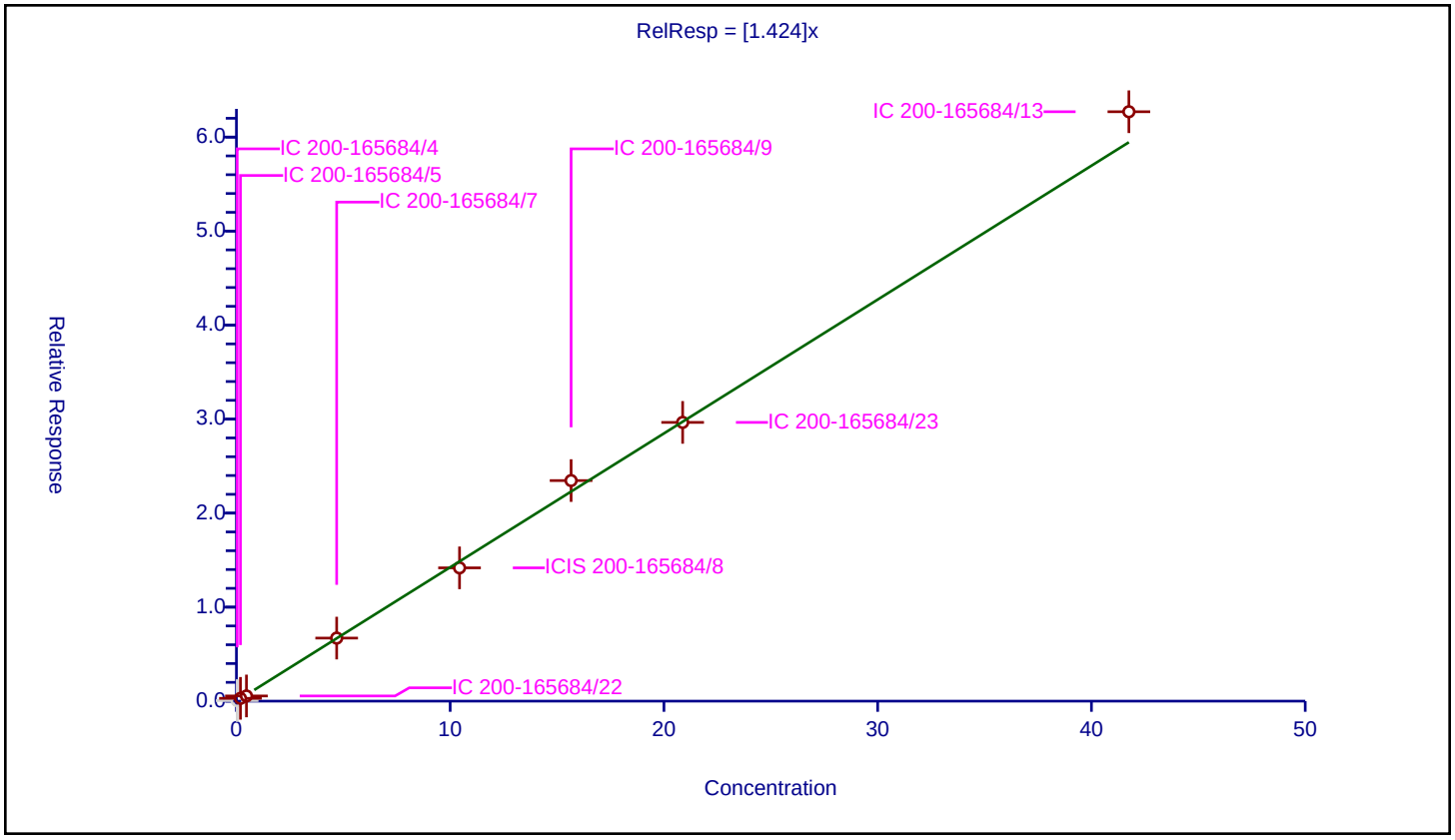
Curve Coefficients

Intercept:	0
Slope:	1.424

Error Coefficients

Standard Error:	269000
Relative Standard Error:	9.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03662	0.057245	10.0	81055.0	1.563205	N
2	IC 200-165684/5	0.188333	0.298176	10.0	79785.0	1.583239	Y
3	IC 200-165684/22	0.469101	0.551268	10.0	63617.0	1.175157	Y
4	IC 200-165684/7	4.691012	6.707837	10.0	65501.0	1.429934	Y
5	ICIS 200-165684/8	10.437975	14.179693	10.0	79135.0	1.358472	Y
6	IC 200-165684/9	15.656962	23.462482	10.0	79495.0	1.498534	Y
7	IC 200-165684/23	20.875949	29.650653	10.0	87964.0	1.420326	Y
8	IC 200-165684/13	41.751898	62.697035	10.0	89743.0	1.501657	Y



Calibration / Vinyl bromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

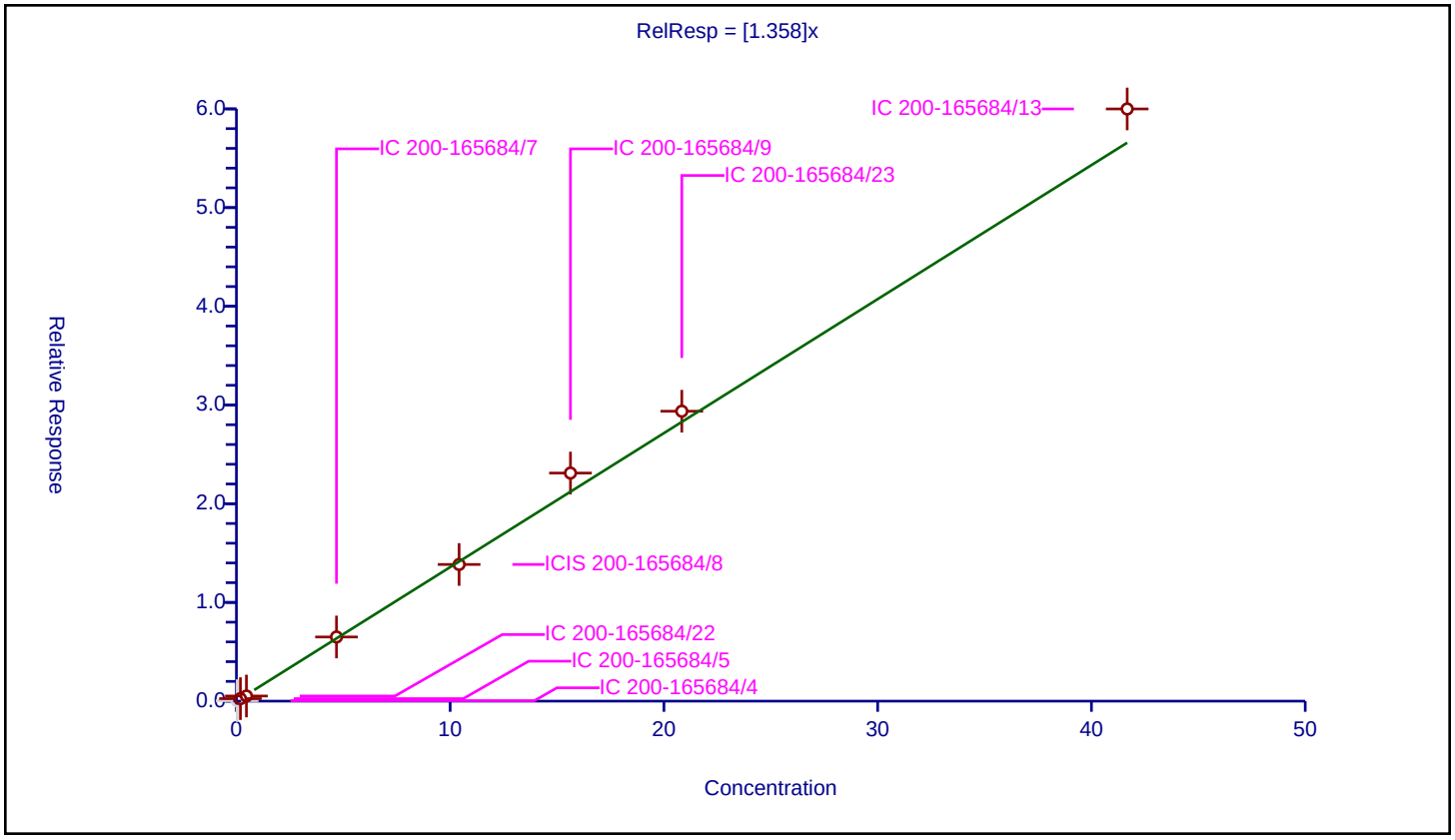
Curve Coefficients

Intercept:	0
Slope:	1.358

Error Coefficients

Standard Error:	260000
Relative Standard Error:	8.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03655	0.043921	10.0	81055.0	1.201658	N
2	IC 200-165684/5	0.187972	0.253932	10.0	79785.0	1.350903	Y
3	IC 200-165684/22	0.468203	0.518415	10.0	63617.0	1.107245	Y
4	IC 200-165684/7	4.682025	6.498679	10.0	65501.0	1.388006	Y
5	ICIS 200-165684/8	10.417978	13.84558	10.0	79135.0	1.329008	Y
6	IC 200-165684/9	15.626968	23.107491	10.0	79495.0	1.478693	Y
7	IC 200-165684/23	20.835957	29.372925	10.0	87964.0	1.409723	Y
8	IC 200-165684/13	41.671914	59.993871	10.0	89743.0	1.439672	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

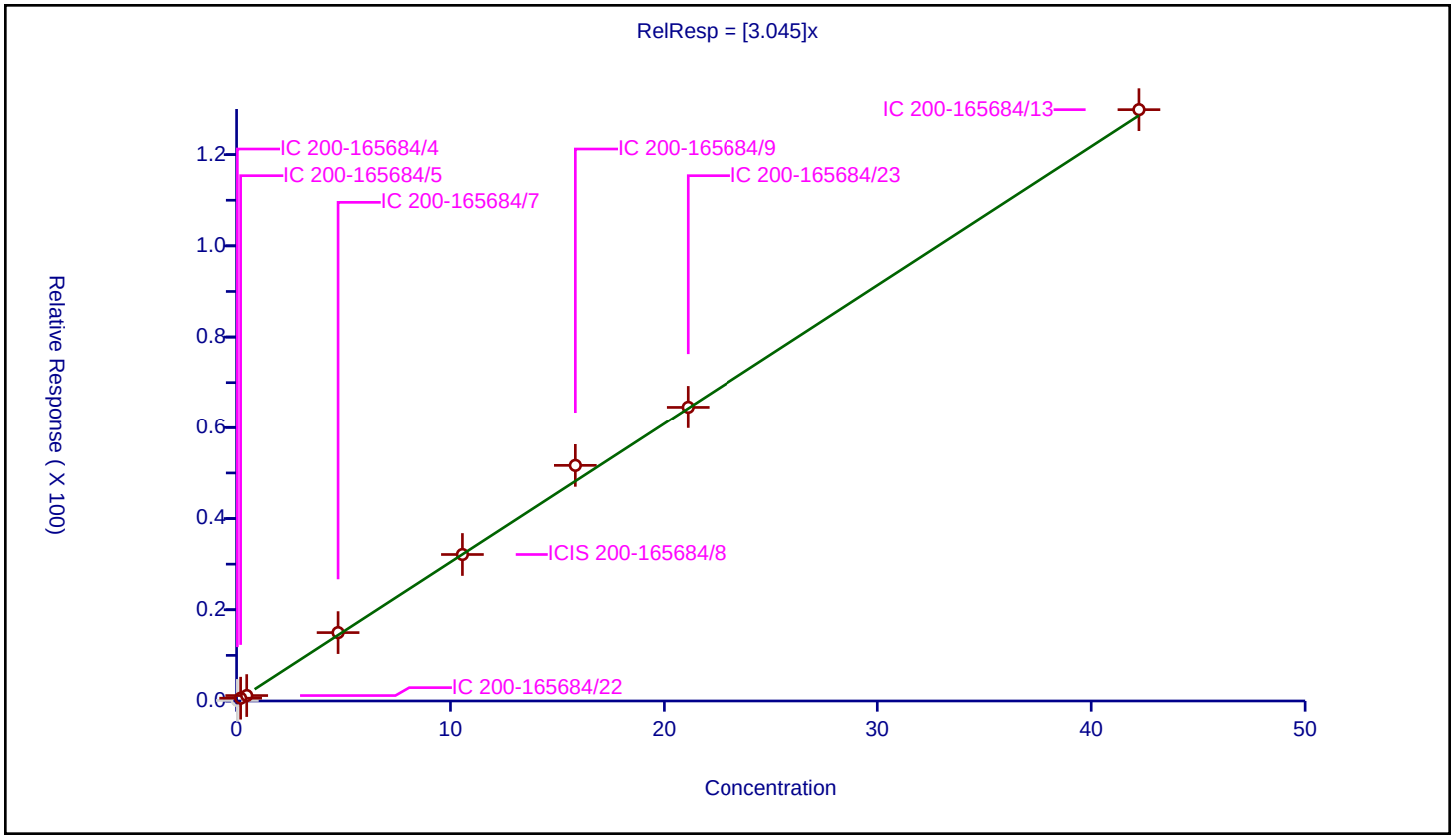
Curve Coefficients

Intercept:	0
Slope:	3.045

Error Coefficients

Standard Error:	566000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.037041	0.119795	10.0	81055.0	3.234103	N
2	IC 200-165684/5	0.190498	0.611393	10.0	79785.0	3.209449	Y
3	IC 200-165684/22	0.474493	1.189776	10.0	63617.0	2.507468	Y
4	IC 200-165684/7	4.744932	14.991985	10.0	65501.0	3.159579	Y
5	ICIS 200-165684/8	10.557951	32.114109	10.0	79135.0	3.041699	Y
6	IC 200-165684/9	15.836927	51.662243	10.0	79495.0	3.262138	Y
7	IC 200-165684/23	21.115902	64.572666	10.0	87964.0	3.058011	Y
8	IC 200-165684/13	42.231805	129.856925	10.0	89743.0	3.074861	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

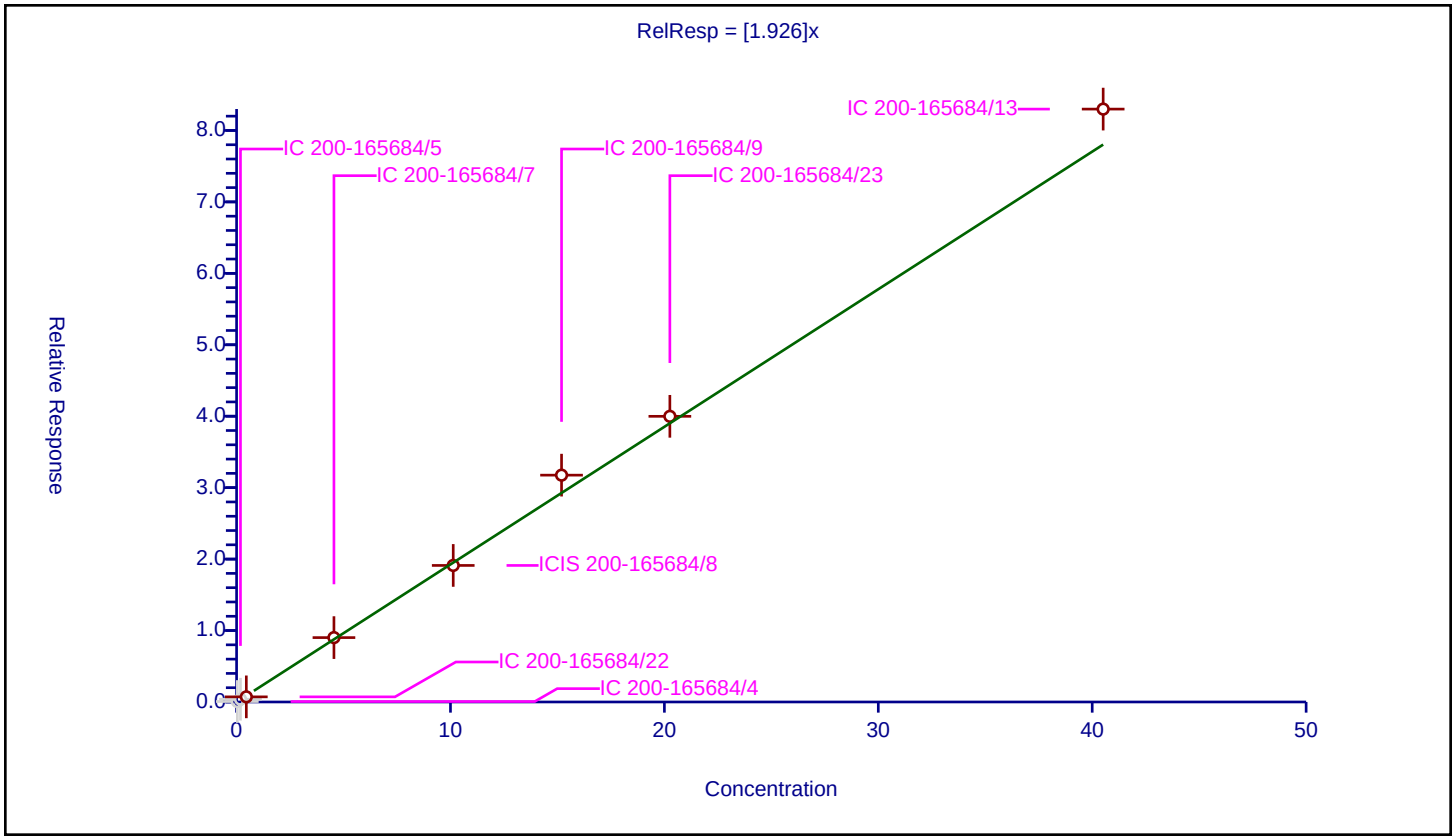
Curve Coefficients

Intercept:	0
Slope:	1.926

Error Coefficients

Standard Error:	392000
Relative Standard Error:	9.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035533	0.066992	10.0	81055.0	1.885336	N
2	IC 200-165684/5	0.182741	0.385411	10.0	79785.0	2.109057	N
3	IC 200-165684/22	0.455172	0.716947	10.0	63617.0	1.575112	Y
4	IC 200-165684/7	4.55172	9.013298	10.0	65501.0	1.980196	Y
5	ICIS 200-165684/8	10.128035	19.114046	10.0	79135.0	1.887241	Y
6	IC 200-165684/9	15.192052	31.750047	10.0	79495.0	2.089912	Y
7	IC 200-165684/23	20.256069	39.985335	10.0	87964.0	1.973993	Y
8	IC 200-165684/13	40.512139	82.990317	10.0	89743.0	2.04853	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

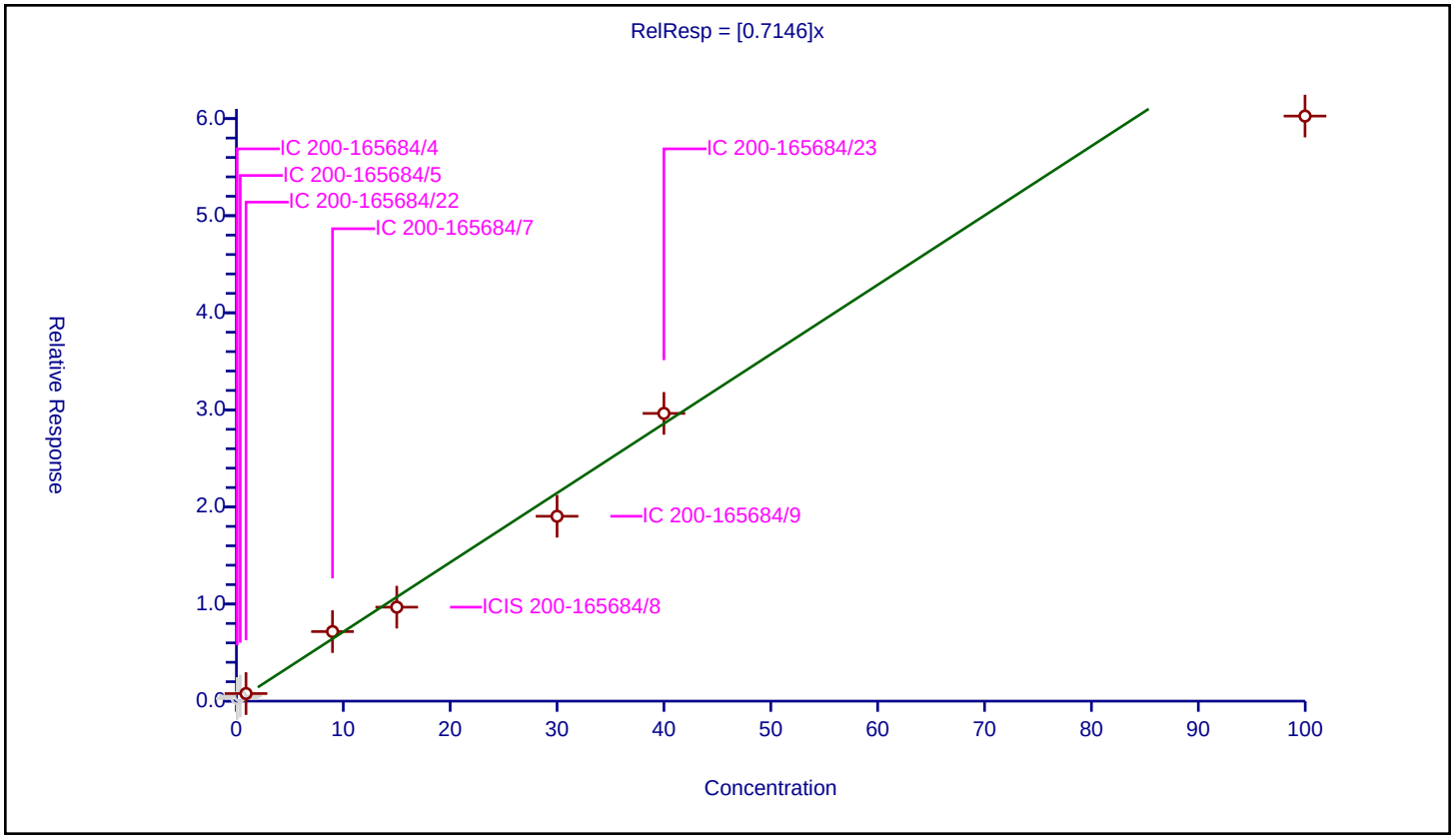
Curve Coefficients

Intercept:	0
Slope:	0.7146

Error Coefficients

Standard Error:	280000
Relative Standard Error:	14.6
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.070165	0.269693	10.0	81055.0	3.84369	N
2	IC 200-165684/5	0.36085	0.526039	10.0	79785.0	1.457778	N
3	IC 200-165684/22	0.899243	0.77998	10.0	63617.0	0.867374	Y
4	IC 200-165684/7	8.992434	7.164929	10.0	65501.0	0.796773	Y
5	ICIS 200-165684/8	15.003557	9.680293	10.0	79135.0	0.6452	Y
6	IC 200-165684/9	29.99903	19.042959	10.0	79495.0	0.634786	Y
7	IC 200-165684/23	39.998707	29.635874	10.0	87964.0	0.740921	Y
8	IC 200-165684/13	99.980599	60.262862	10.0	89743.0	0.602746	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

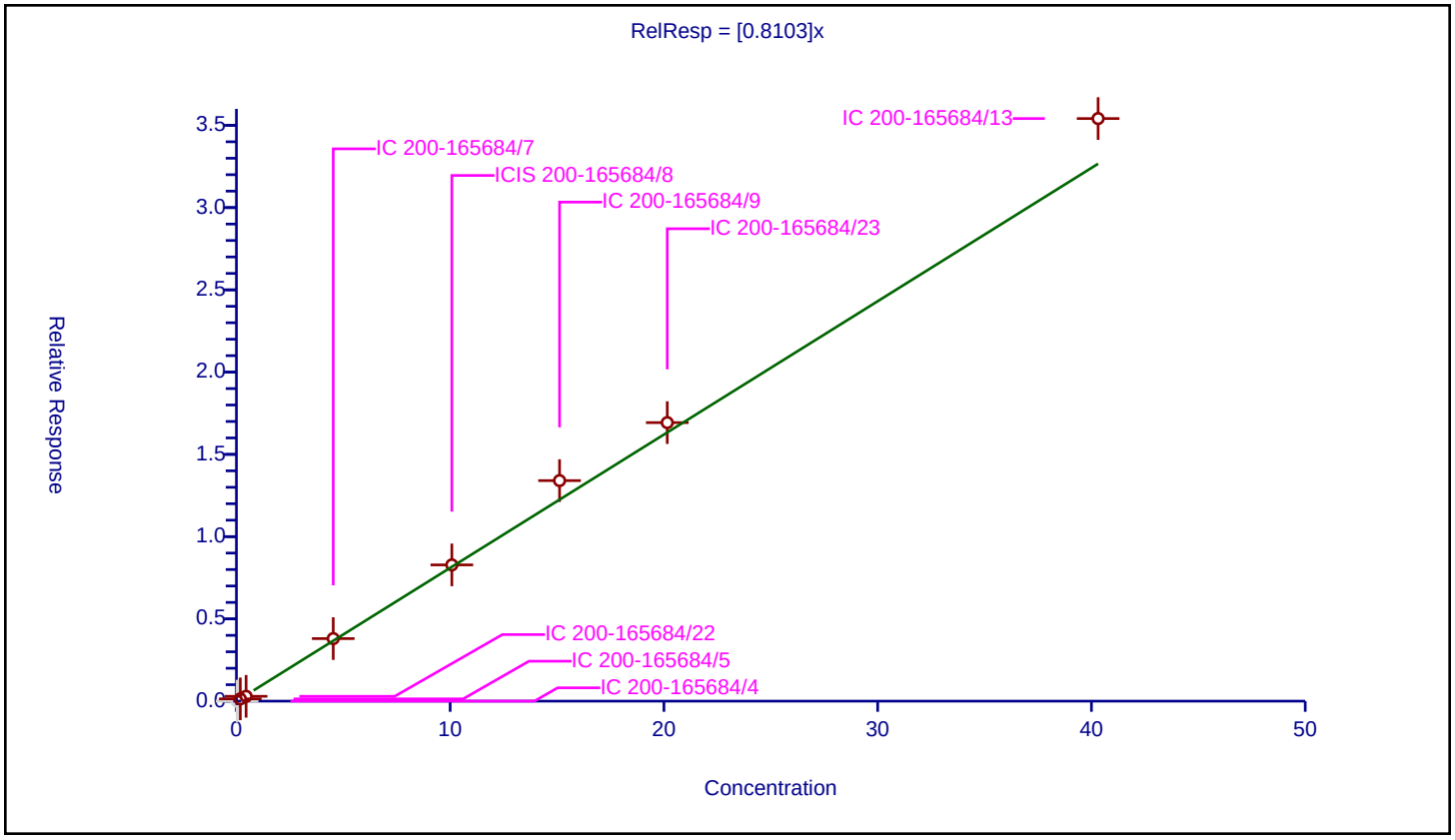
Curve Coefficients

Intercept:	0
Slope:	0.8103

Error Coefficients

Standard Error:	152000
Relative Standard Error:	10.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035358	0.0	10.0	81055.0	0.0	N
2	IC 200-165684/5	0.181839	0.13762	10.0	79785.0	0.756823	Y
3	IC 200-165684/22	0.452925	0.293947	10.0	63617.0	0.648996	Y
4	IC 200-165684/7	4.529253	3.801469	10.0	65501.0	0.839315	Y
5	ICIS 200-165684/8	10.078044	8.281165	10.0	79135.0	0.821704	Y
6	IC 200-165684/9	15.117067	13.40512	10.0	79495.0	0.886754	Y
7	IC 200-165684/23	20.156089	16.930108	10.0	87964.0	0.83995	Y
8	IC 200-165684/13	40.312177	35.411898	10.0	89743.0	0.878442	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

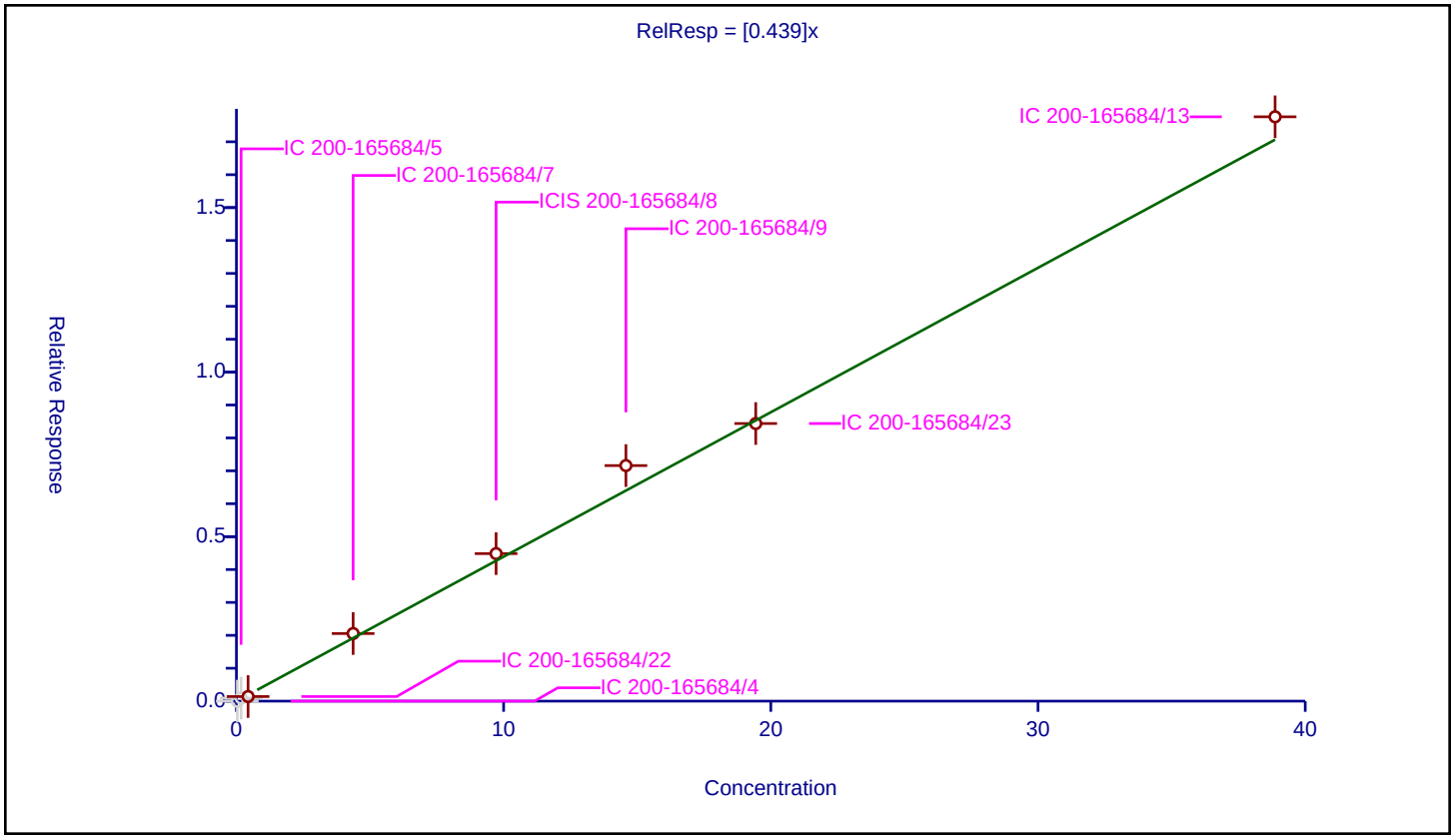
Curve Coefficients

Intercept:	0
Slope:	0.439

Error Coefficients

Standard Error:	84400
Relative Standard Error:	13.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.034095	0.0	10.0	81055.0	0.0	N
2	IC 200-165684/5	0.175345	0.094128	10.0	79785.0	0.536817	N
3	IC 200-165684/22	0.436749	0.139743	10.0	63617.0	0.31996	Y
4	IC 200-165684/7	4.367494	2.05493	10.0	65501.0	0.470506	Y
5	ICIS 200-165684/8	9.718114	4.483857	10.0	79135.0	0.461392	Y
6	IC 200-165684/9	14.577171	7.159444	10.0	79495.0	0.491141	Y
7	IC 200-165684/23	19.436228	8.437997	10.0	87964.0	0.434138	Y
8	IC 200-165684/13	38.872457	17.759491	10.0	89743.0	0.456866	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

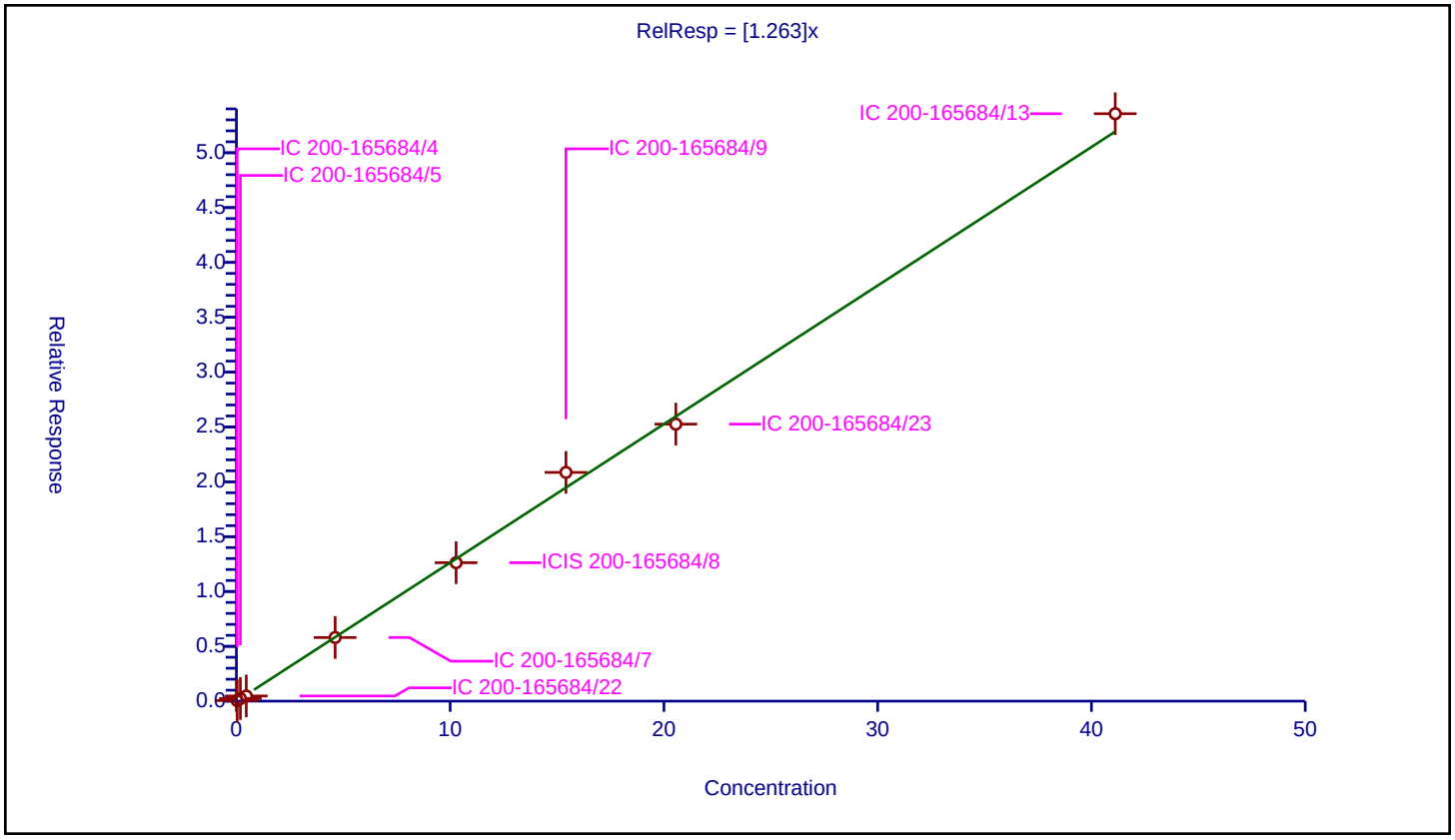
Curve Coefficients

Intercept:	0
Slope:	1.263

Error Coefficients

Standard Error:	214000
Relative Standard Error:	9.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036059	0.05194	10.0	81055.0	1.440414	Y
2	IC 200-165684/5	0.185447	0.235759	10.0	79785.0	1.271301	Y
3	IC 200-165684/22	0.461912	0.473301	10.0	63617.0	1.024657	Y
4	IC 200-165684/7	4.619119	5.80098	10.0	65501.0	1.255863	Y
5	ICIS 200-165684/8	10.278006	12.622986	10.0	79135.0	1.228155	Y
6	IC 200-165684/9	15.417008	20.855903	10.0	79495.0	1.352785	Y
7	IC 200-165684/23	20.556011	25.257605	10.0	87964.0	1.228721	Y
8	IC 200-165684/13	41.112022	53.560612	10.0	89743.0	1.302797	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

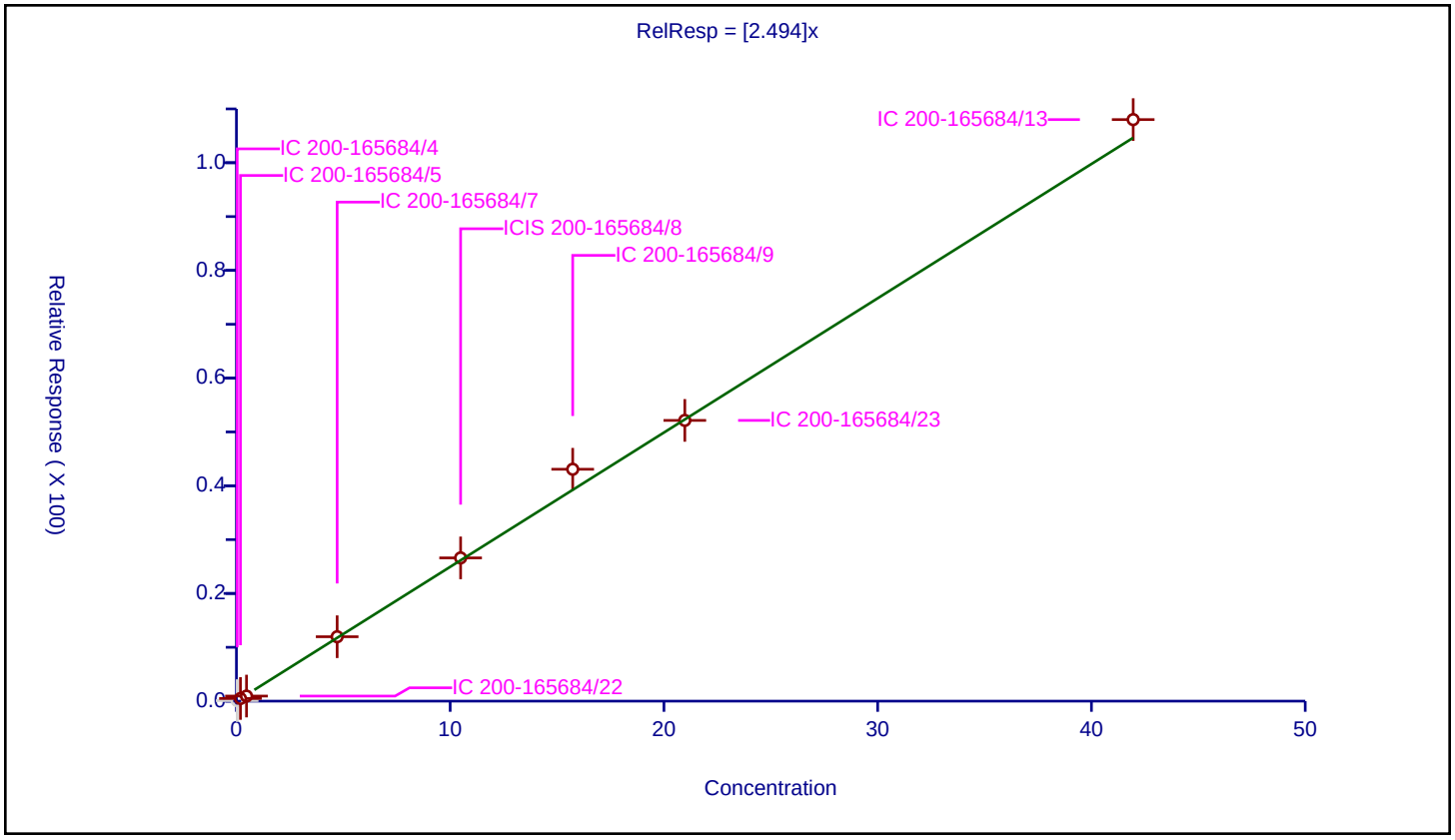
Curve Coefficients

Intercept:	0
Slope:	2.494

Error Coefficients

Standard Error:	469000
Relative Standard Error:	9.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036796	0.09401	10.0	81055.0	2.554924	N
2	IC 200-165684/5	0.189235	0.490318	10.0	79785.0	2.591051	Y
3	IC 200-165684/22	0.471348	0.940629	10.0	63617.0	1.995615	Y
4	IC 200-165684/7	4.713479	11.962871	10.0	65501.0	2.538013	Y
5	ICIS 200-165684/8	10.487965	26.606306	10.0	79135.0	2.536842	Y
6	IC 200-165684/9	15.731947	43.067111	10.0	79495.0	2.737558	Y
7	IC 200-165684/23	20.97593	52.139625	10.0	87964.0	2.485688	Y
8	IC 200-165684/13	41.951859	108.008981	10.0	89743.0	2.574593	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

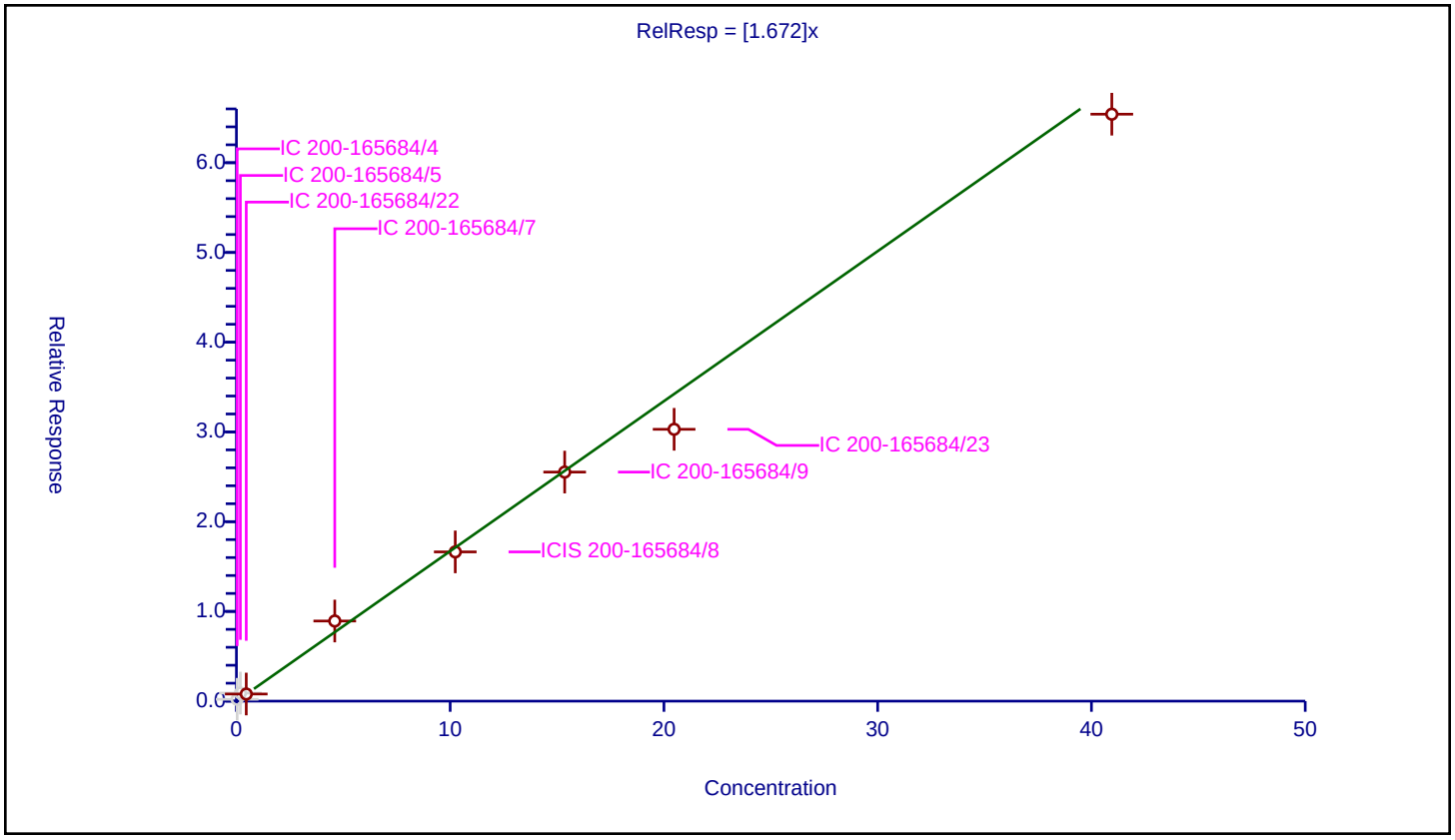
Curve Coefficients

Intercept:	0
Slope:	1.672

Error Coefficients

Standard Error:	309000
Relative Standard Error:	9.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035919	0.206403	10.0	81055.0	5.746381	N
2	IC 200-165684/5	0.184725	0.897662	10.0	79785.0	4.859448	N
3	IC 200-165684/22	0.460115	0.793813	10.0	63617.0	1.725251	Y
4	IC 200-165684/7	4.601146	8.928566	10.0	65501.0	1.940509	Y
5	ICIS 200-165684/8	10.238013	16.631326	10.0	79135.0	1.624468	Y
6	IC 200-165684/9	15.35702	25.526637	10.0	79495.0	1.662213	Y
7	IC 200-165684/23	20.476027	30.292847	10.0	87964.0	1.47943	Y
8	IC 200-165684/13	40.952053	65.410561	10.0	89743.0	1.597247	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

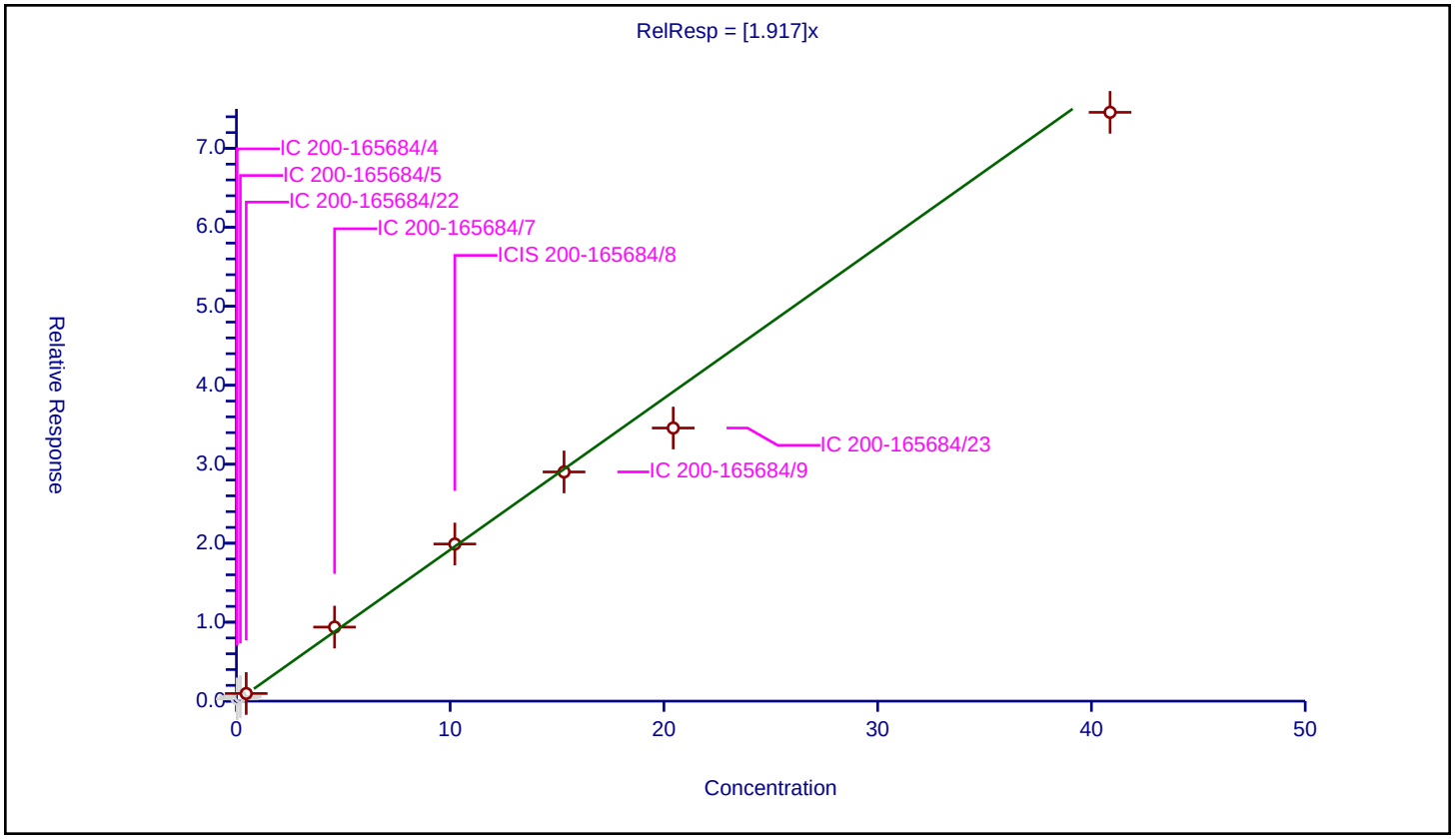
Curve Coefficients

Intercept:	0
Slope:	1.917

Error Coefficients

Standard Error:	353000
Relative Standard Error:	7.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035849	0.277096	10.0	81055.0	7.729605	N
2	IC 200-165684/5	0.184364	0.567776	10.0	79785.0	3.079639	N
3	IC 200-165684/22	0.459216	0.965937	10.0	63617.0	2.103448	Y
4	IC 200-165684/7	4.592159	9.376498	10.0	65501.0	2.041849	Y
5	ICIS 200-165684/8	10.218017	19.89916	10.0	79135.0	1.947458	Y
6	IC 200-165684/9	15.327026	29.023712	10.0	79495.0	1.89363	Y
7	IC 200-165684/23	20.436034	34.586081	10.0	87964.0	1.692407	Y
8	IC 200-165684/13	40.872069	74.56537	10.0	89743.0	1.82436	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

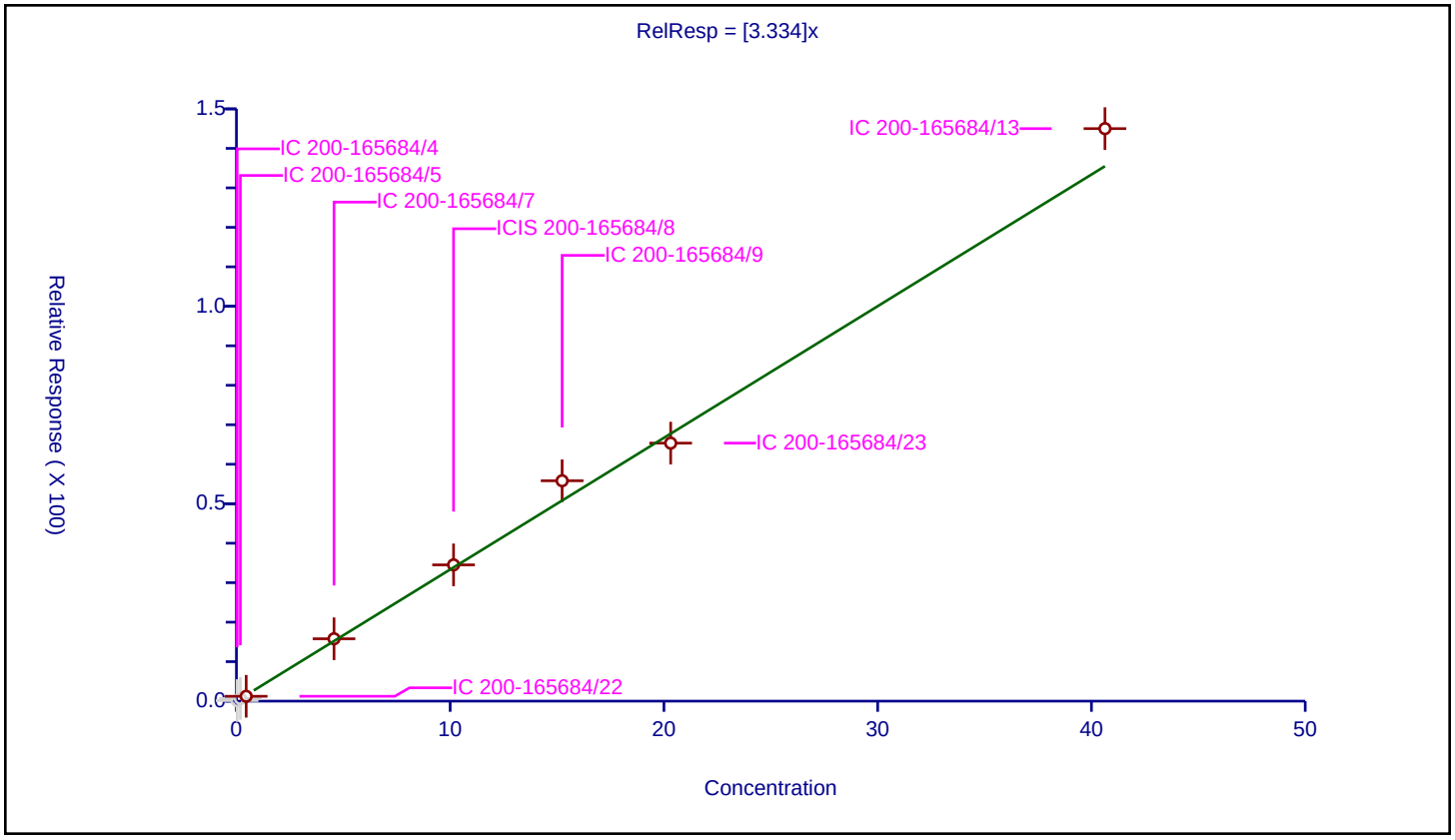
Curve Coefficients

Intercept:	0
Slope:	3.334

Error Coefficients

Standard Error:	679000
Relative Standard Error:	10.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035638	0.139288	10.0	81055.0	3.908397	N
2	IC 200-165684/5	0.183282	0.663283	10.0	79785.0	3.618918	N
3	IC 200-165684/22	0.45652	1.232847	10.0	63617.0	2.700532	Y
4	IC 200-165684/7	4.5652	15.794873	10.0	65501.0	3.459843	Y
5	ICIS 200-165684/8	10.158029	34.511278	10.0	79135.0	3.397438	Y
6	IC 200-165684/9	15.237043	55.814454	10.0	79495.0	3.663076	Y
7	IC 200-165684/23	20.316058	65.34912	10.0	87964.0	3.216624	Y
8	IC 200-165684/13	40.632115	145.000836	10.0	89743.0	3.568626	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

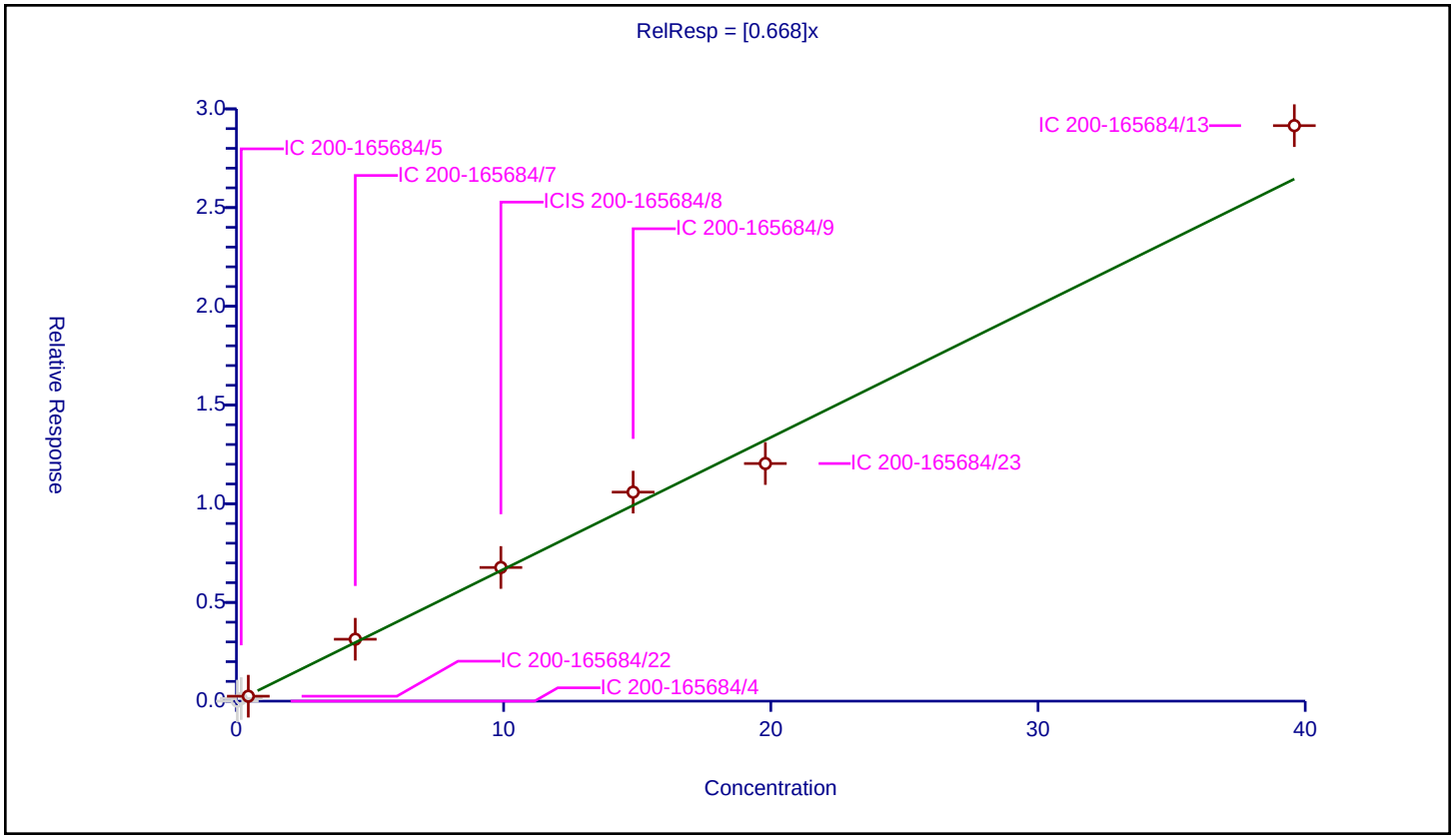
Curve Coefficients

Intercept:	0
Slope:	0.668

Error Coefficients

Standard Error:	134000
Relative Standard Error:	10.2
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.034726	0.0	10.0	81055.0	0.0	N
2	IC 200-165684/5	0.178592	0.13198	10.0	79785.0	0.739002	N
3	IC 200-165684/22	0.444837	0.249776	10.0	63617.0	0.5615	Y
4	IC 200-165684/7	4.448374	3.136135	10.0	65501.0	0.705007	Y
5	ICIS 200-165684/8	9.898079	6.770835	10.0	79135.0	0.684055	Y
6	IC 200-165684/9	14.847119	10.586829	10.0	79495.0	0.713056	Y
7	IC 200-165684/23	19.796159	12.036515	10.0	87964.0	0.608023	Y
8	IC 200-165684/13	39.592317	29.151354	10.0	89743.0	0.736288	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

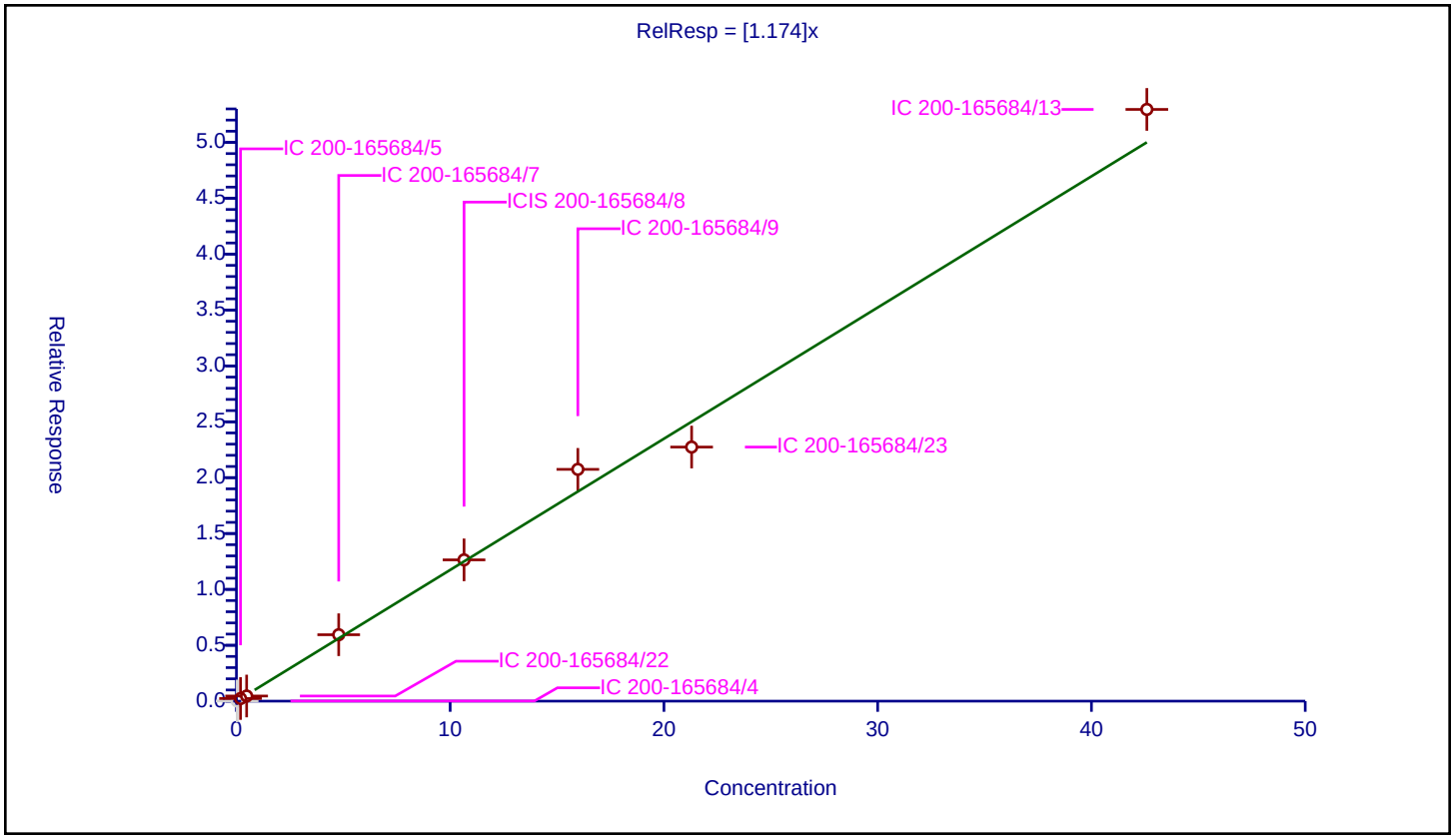
Curve Coefficients

Intercept:	0
Slope:	1.174

Error Coefficients

Standard Error:	225000
Relative Standard Error:	10.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.037357	0.014188	10.0	81055.0	0.379793	N
2	IC 200-165684/5	0.192121	0.234505	10.0	79785.0	1.22061	Y
3	IC 200-165684/22	0.478537	0.459154	10.0	63617.0	0.959495	Y
4	IC 200-165684/7	4.785372	5.943421	10.0	65501.0	1.241998	Y
5	ICIS 200-165684/8	10.647934	12.642699	10.0	79135.0	1.187338	Y
6	IC 200-165684/9	15.971901	20.742059	10.0	79495.0	1.298659	Y
7	IC 200-165684/23	21.295868	22.73737	10.0	87964.0	1.067689	Y
8	IC 200-165684/13	42.591735	52.952877	10.0	89743.0	1.243266	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

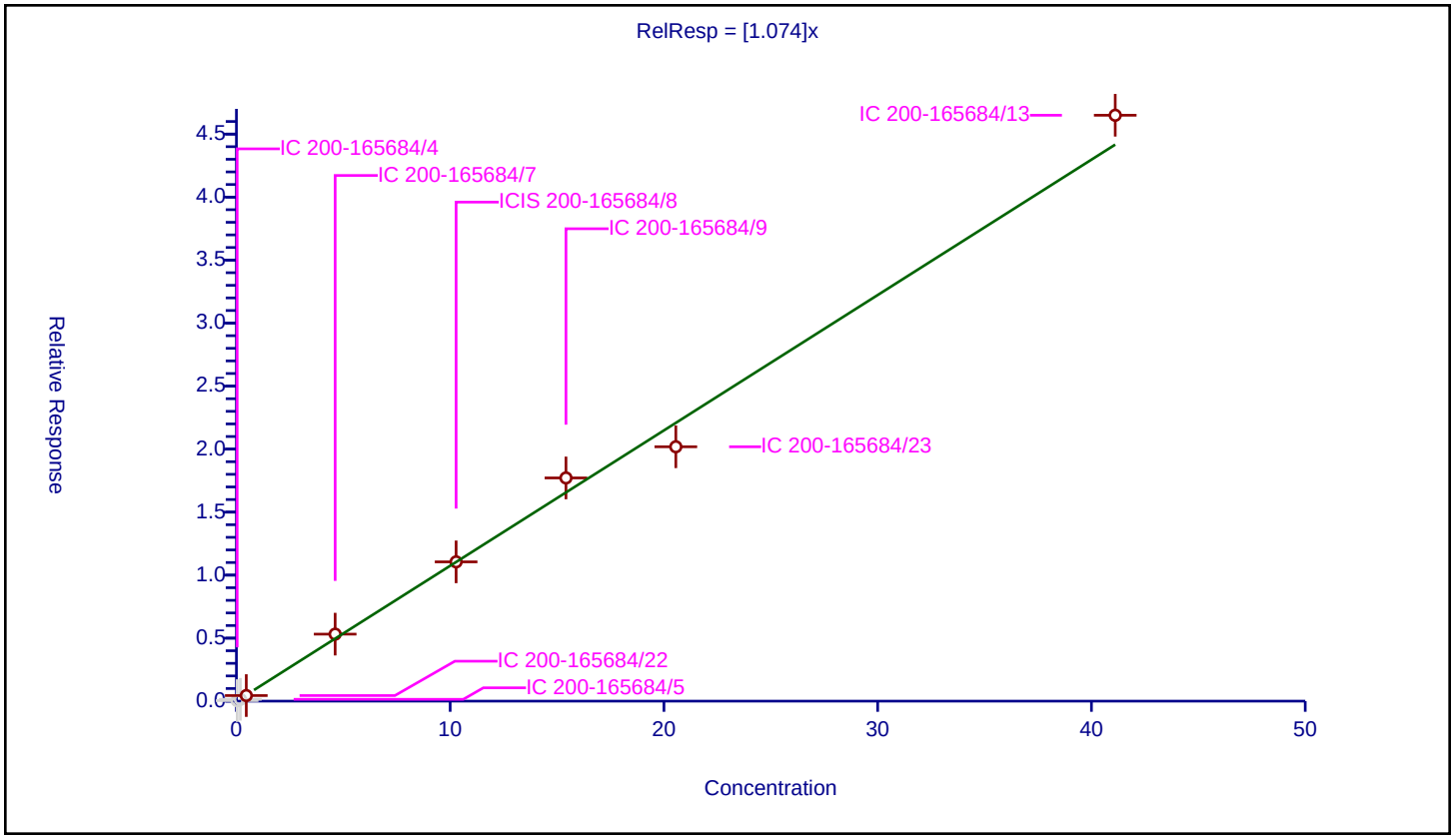
Curve Coefficients

Intercept:	0
Slope:	1.074

Error Coefficients

Standard Error:	216000
Relative Standard Error:	8.0
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036059	0.04133	10.0	81055.0	1.146173	N
2	IC 200-165684/5	0.185447	0.144764	10.0	79785.0	0.780623	N
3	IC 200-165684/22	0.461912	0.442177	10.0	63617.0	0.957276	Y
4	IC 200-165684/7	4.619119	5.316255	10.0	65501.0	1.150924	Y
5	ICIS 200-165684/8	10.278006	11.052758	10.0	79135.0	1.07538	Y
6	IC 200-165684/9	15.417008	17.713944	10.0	79495.0	1.148987	Y
7	IC 200-165684/23	20.556011	20.186554	10.0	87964.0	0.982027	Y
8	IC 200-165684/13	41.112022	46.494434	10.0	89743.0	1.130921	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

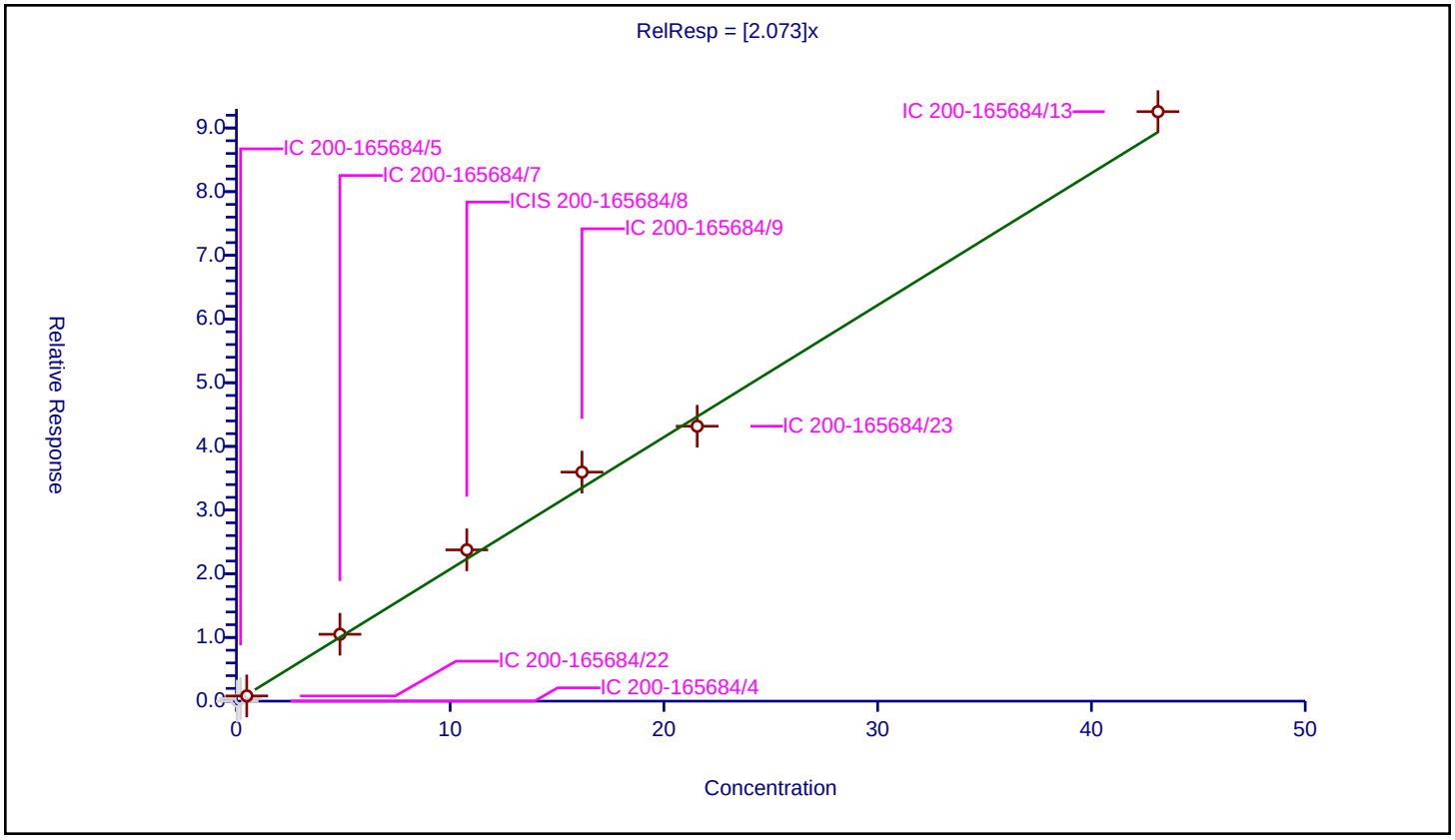
Curve Coefficients

Intercept:	0
Slope:	2.073

Error Coefficients

Standard Error:	437000
Relative Standard Error:	9.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.037813	0.0	10.0	81055.0	0.0	N
2	IC 200-165684/5	0.194467	0.405841	10.0	79785.0	2.086943	N
3	IC 200-165684/22	0.484378	0.818178	10.0	63617.0	1.689129	Y
4	IC 200-165684/7	4.843785	10.500908	10.0	65501.0	2.167914	Y
5	ICIS 200-165684/8	10.777909	23.754976	10.0	79135.0	2.204043	Y
6	IC 200-165684/9	16.166863	35.964023	10.0	79495.0	2.224552	Y
7	IC 200-165684/23	21.555817	43.173912	10.0	87964.0	2.002889	Y
8	IC 200-165684/13	43.111634	92.569448	10.0	89743.0	2.147203	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

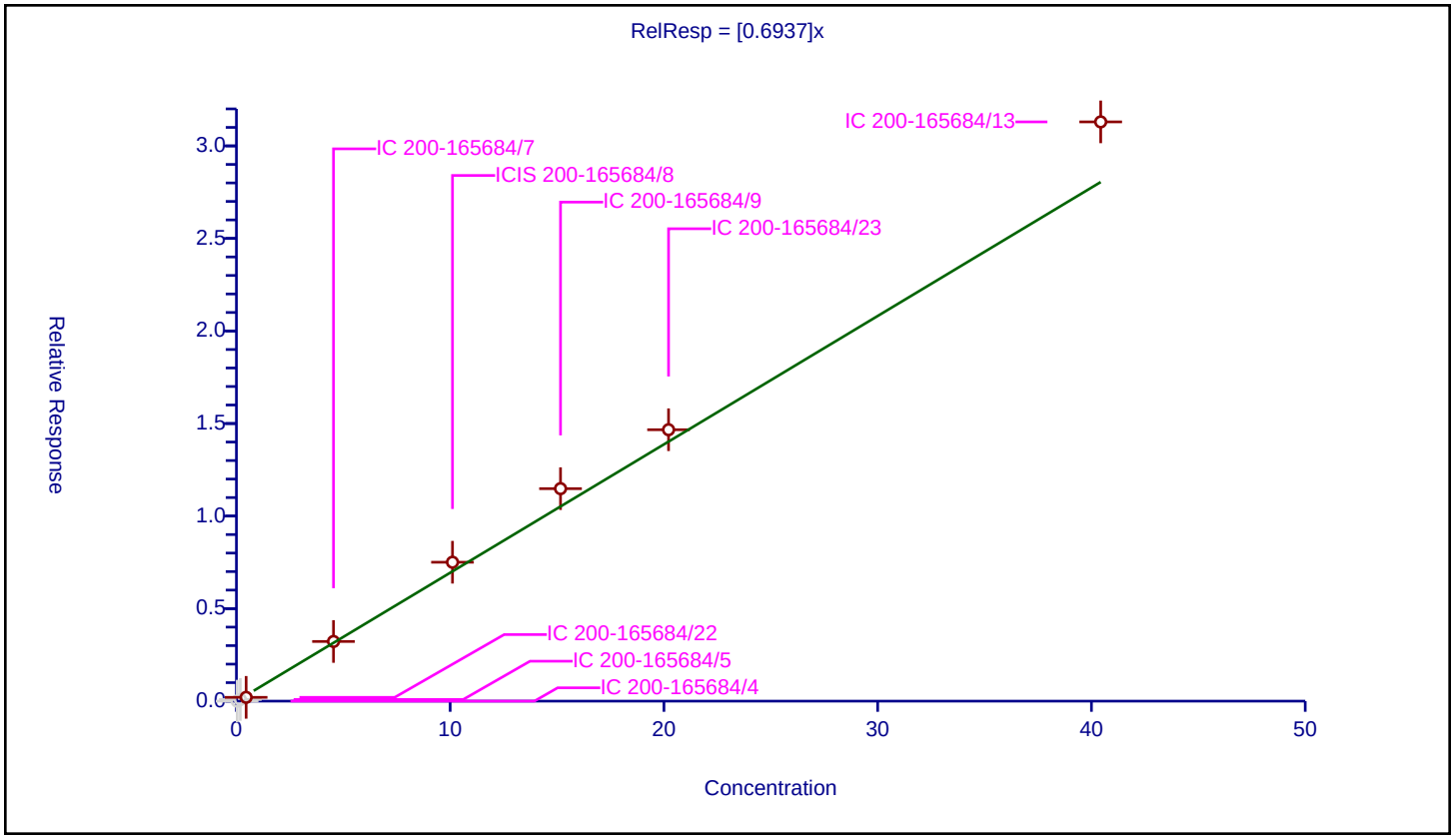
Curve Coefficients

Intercept:	0
Slope:	0.6937

Error Coefficients

Standard Error:	147000
Relative Standard Error:	17.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035463	0.0	10.0	81055.0	0.0	N
2	IC 200-165684/5	0.18238	0.089741	10.0	79785.0	0.492056	N
3	IC 200-165684/22	0.454273	0.205763	10.0	63617.0	0.452949	Y
4	IC 200-165684/7	4.542733	3.224836	10.0	65501.0	0.709889	Y
5	ICIS 200-165684/8	10.108039	7.506034	10.0	79135.0	0.742581	Y
6	IC 200-165684/9	15.162058	11.481099	10.0	79495.0	0.757226	Y
7	IC 200-165684/23	20.216077	14.664294	10.0	87964.0	0.725378	Y
8	IC 200-165684/13	40.432154	31.297817	10.0	89743.0	0.774082	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

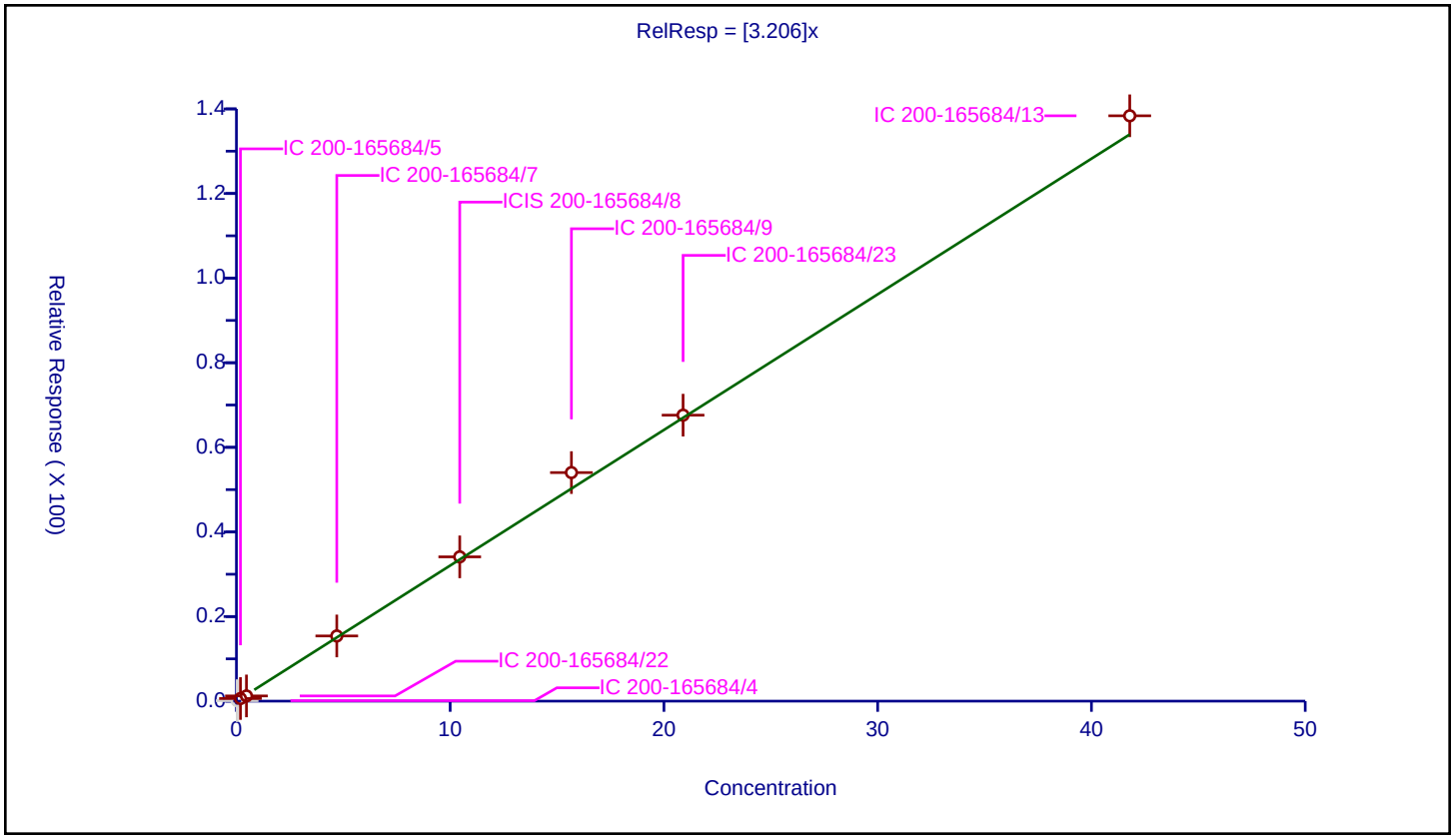
Curve Coefficients

Intercept:	0
Slope:	3.206

Error Coefficients

Standard Error:	600000
Relative Standard Error:	8.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036655	0.108692	10.0	81055.0	2.965228	N
2	IC 200-165684/5	0.188514	0.618537	10.0	79785.0	3.28113	Y
3	IC 200-165684/22	0.469551	1.229546	10.0	63617.0	2.618559	Y
4	IC 200-165684/7	4.695505	15.406635	10.0	65501.0	3.281145	Y
5	ICIS 200-165684/8	10.447973	34.109433	10.0	79135.0	3.264694	Y
6	IC 200-165684/9	15.671959	54.029939	10.0	79495.0	3.447555	Y
7	IC 200-165684/23	20.895945	67.60527	10.0	87964.0	3.23533	Y
8	IC 200-165684/13	41.79189	138.368006	10.0	89743.0	3.310882	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

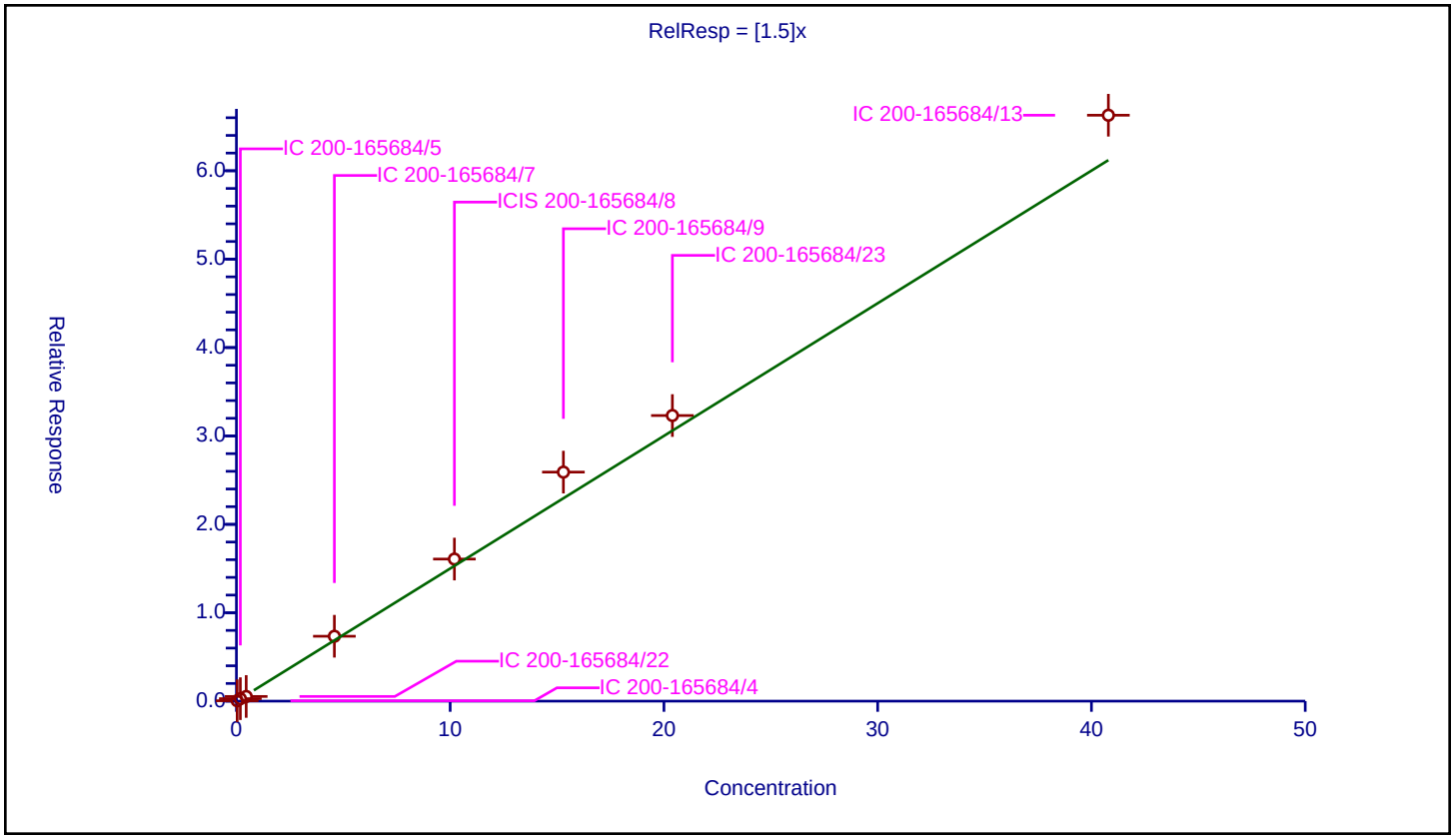
Curve Coefficients

Intercept:	0
Slope:	1.5

Error Coefficients

Standard Error:	266000
Relative Standard Error:	12.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035778	0.044784	10.0	81055.0	1.251713	Y
2	IC 200-165684/5	0.184004	0.278874	10.0	79785.0	1.515592	Y
3	IC 200-165684/22	0.458317	0.529104	10.0	63617.0	1.154449	Y
4	IC 200-165684/7	4.583173	7.342789	10.0	65501.0	1.602119	Y
5	ICIS 200-165684/8	10.198021	16.072534	10.0	79135.0	1.576044	Y
6	IC 200-165684/9	15.297032	25.909554	10.0	79495.0	1.693764	Y
7	IC 200-165684/23	20.396042	32.310718	10.0	87964.0	1.584166	Y
8	IC 200-165684/13	40.792084	66.281827	10.0	89743.0	1.62487	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

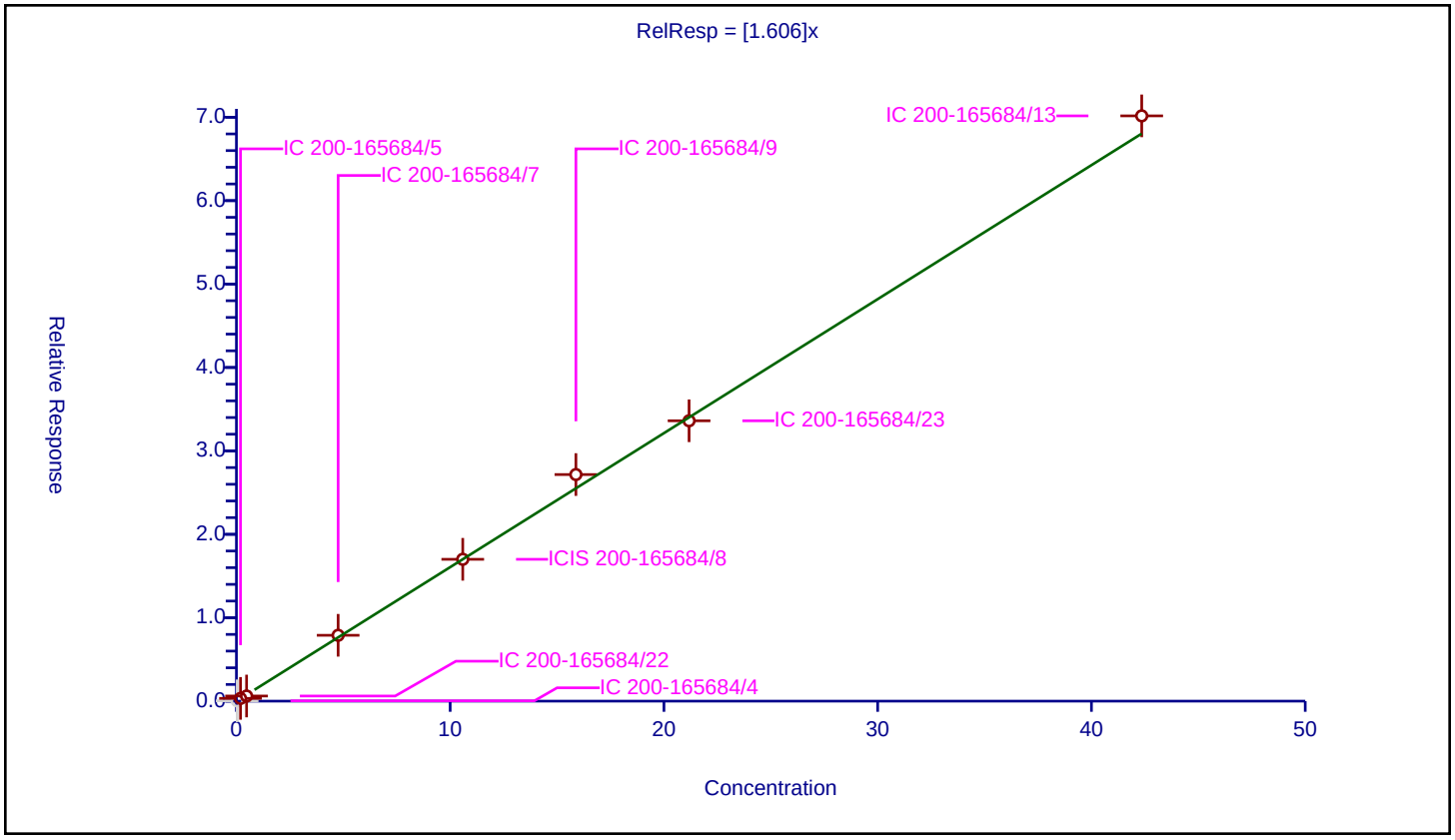
Curve Coefficients

Intercept:	0
Slope:	1.606

Error Coefficients

Standard Error:	303000
Relative Standard Error:	9.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.037146	0.04133	10.0	81055.0	1.112621	N
2	IC 200-165684/5	0.191039	0.331015	10.0	79785.0	1.732707	Y
3	IC 200-165684/22	0.475841	0.615087	10.0	63617.0	1.292631	Y
4	IC 200-165684/7	4.758412	7.894689	10.0	65501.0	1.659102	Y
5	ICIS 200-165684/8	10.587945	17.002843	10.0	79135.0	1.605868	Y
6	IC 200-165684/9	15.881918	27.164476	10.0	79495.0	1.710403	Y
7	IC 200-165684/23	21.175891	33.611932	10.0	87964.0	1.587274	Y
8	IC 200-165684/13	42.351782	70.164804	10.0	89743.0	1.656714	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

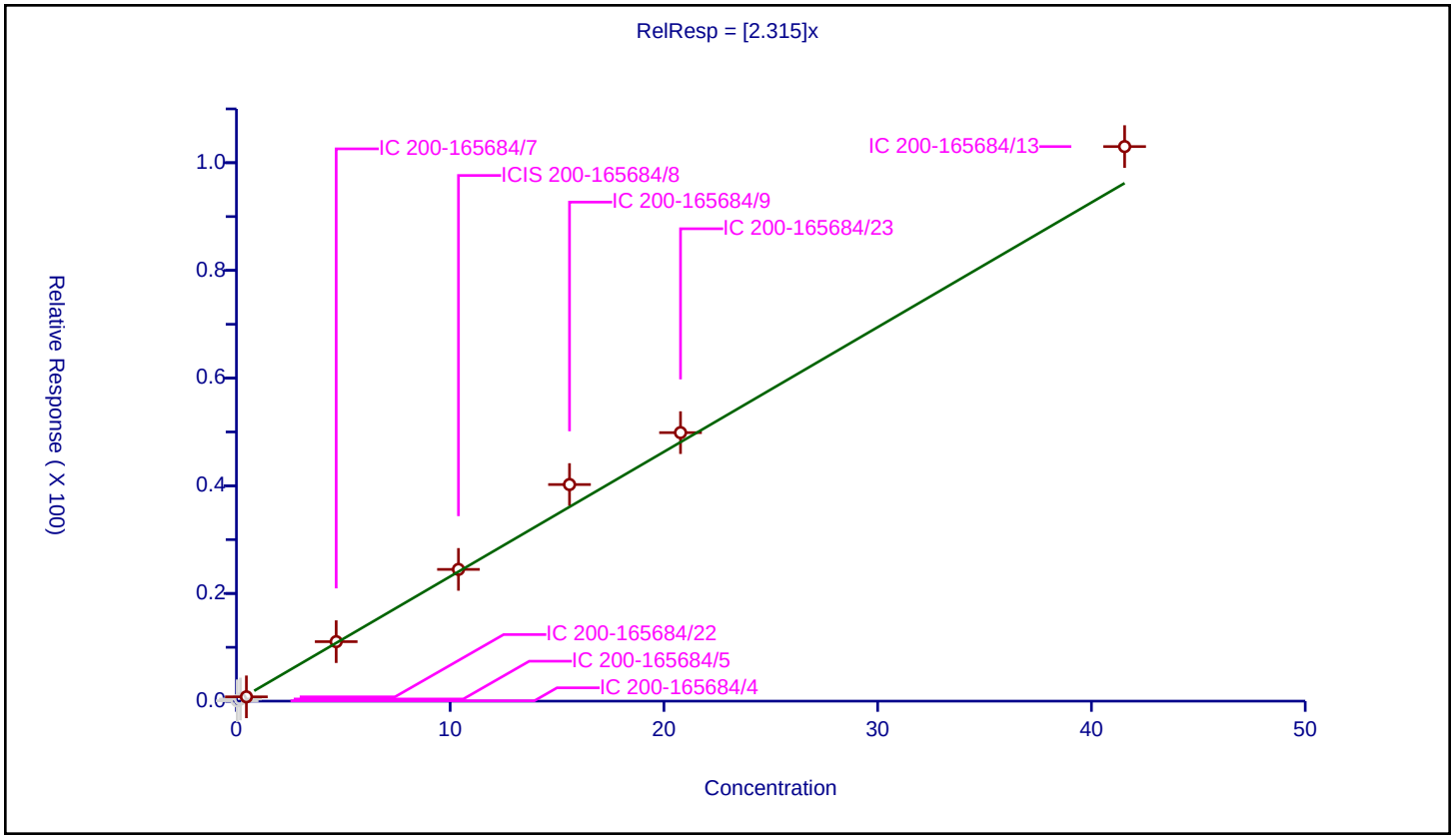
Curve Coefficients

Intercept:	0
Slope:	2.315

Error Coefficients

Standard Error:	488000
Relative Standard Error:	13.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036445	0.067485	10.0	81055.0	1.851698	N
2	IC 200-165684/5	0.187431	0.400326	10.0	79785.0	2.135856	N
3	IC 200-165684/22	0.466855	0.797743	10.0	63617.0	1.708761	Y
4	IC 200-165684/7	4.668546	11.048228	10.0	65501.0	2.366525	Y
5	ICIS 200-165684/8	10.387984	24.469577	10.0	79135.0	2.355566	Y
6	IC 200-165684/9	15.581976	40.230077	10.0	79495.0	2.581834	Y
7	IC 200-165684/23	20.775968	49.870856	10.0	87964.0	2.400411	Y
8	IC 200-165684/13	41.551937	102.998674	10.0	89743.0	2.478794	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

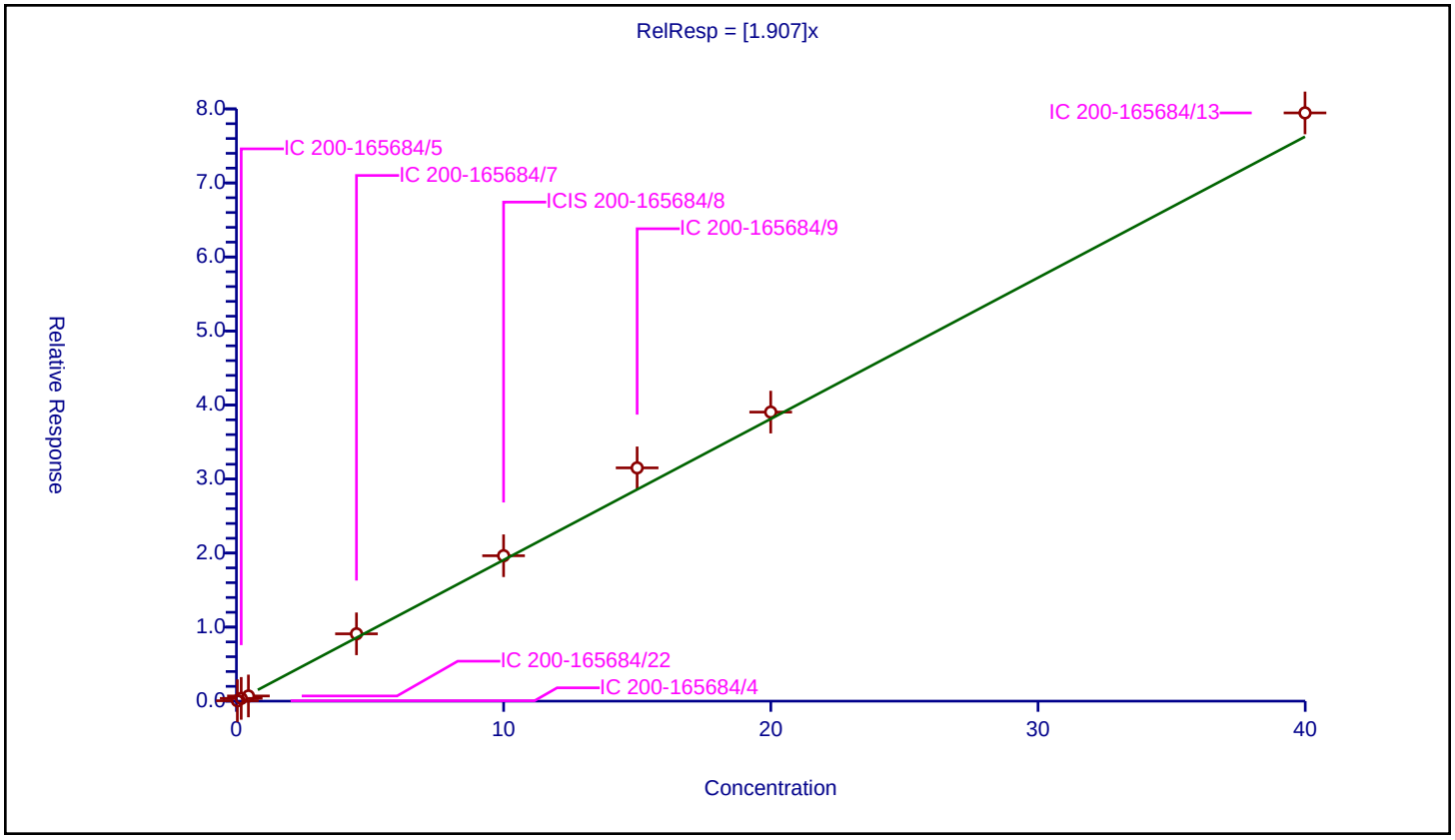
Curve Coefficients

Intercept:	0
Slope:	1.907

Error Coefficients

Standard Error:	320000
Relative Standard Error:	11.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035077	0.056135	10.0	81055.0	1.600331	Y
2	IC 200-165684/5	0.180396	0.373253	10.0	79785.0	2.06908	Y
3	IC 200-165684/22	0.449331	0.698241	10.0	63617.0	1.553958	Y
4	IC 200-165684/7	4.493307	9.094365	10.0	65501.0	2.023981	Y
5	ICIS 200-165684/8	9.99806	19.641878	10.0	79135.0	1.964569	Y
6	IC 200-165684/9	14.99709	31.51129	10.0	79495.0	2.10116	Y
7	IC 200-165684/23	19.99612	39.043359	10.0	87964.0	1.952547	Y
8	IC 200-165684/13	39.99224	79.458119	10.0	89743.0	1.986838	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

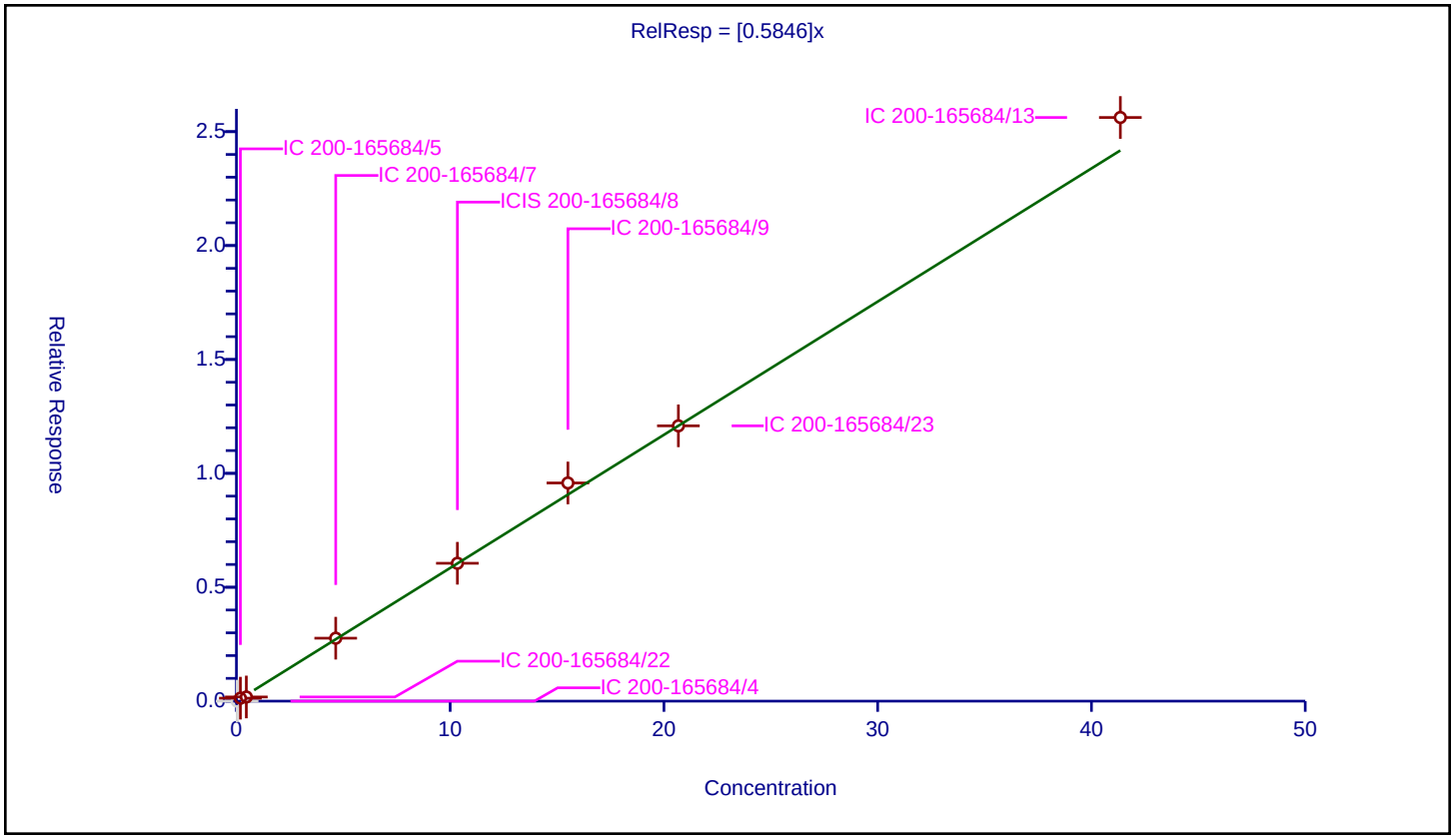
Curve Coefficients

Intercept:	0
Slope:	0.5846

Error Coefficients

Standard Error:	110000
Relative Standard Error:	15.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03627	0.0	10.0	81055.0	0.0	N
2	IC 200-165684/5	0.186529	0.129974	10.0	79785.0	0.696804	Y
3	IC 200-165684/22	0.464608	0.182813	10.0	63617.0	0.393478	Y
4	IC 200-165684/7	4.646079	2.76408	10.0	65501.0	0.594927	Y
5	ICIS 200-165684/8	10.337994	6.052189	10.0	79135.0	0.585432	Y
6	IC 200-165684/9	15.506991	9.577961	10.0	79495.0	0.617654	Y
7	IC 200-165684/23	20.675988	12.085967	10.0	87964.0	0.584541	Y
8	IC 200-165684/13	41.351976	25.622834	10.0	89743.0	0.619628	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

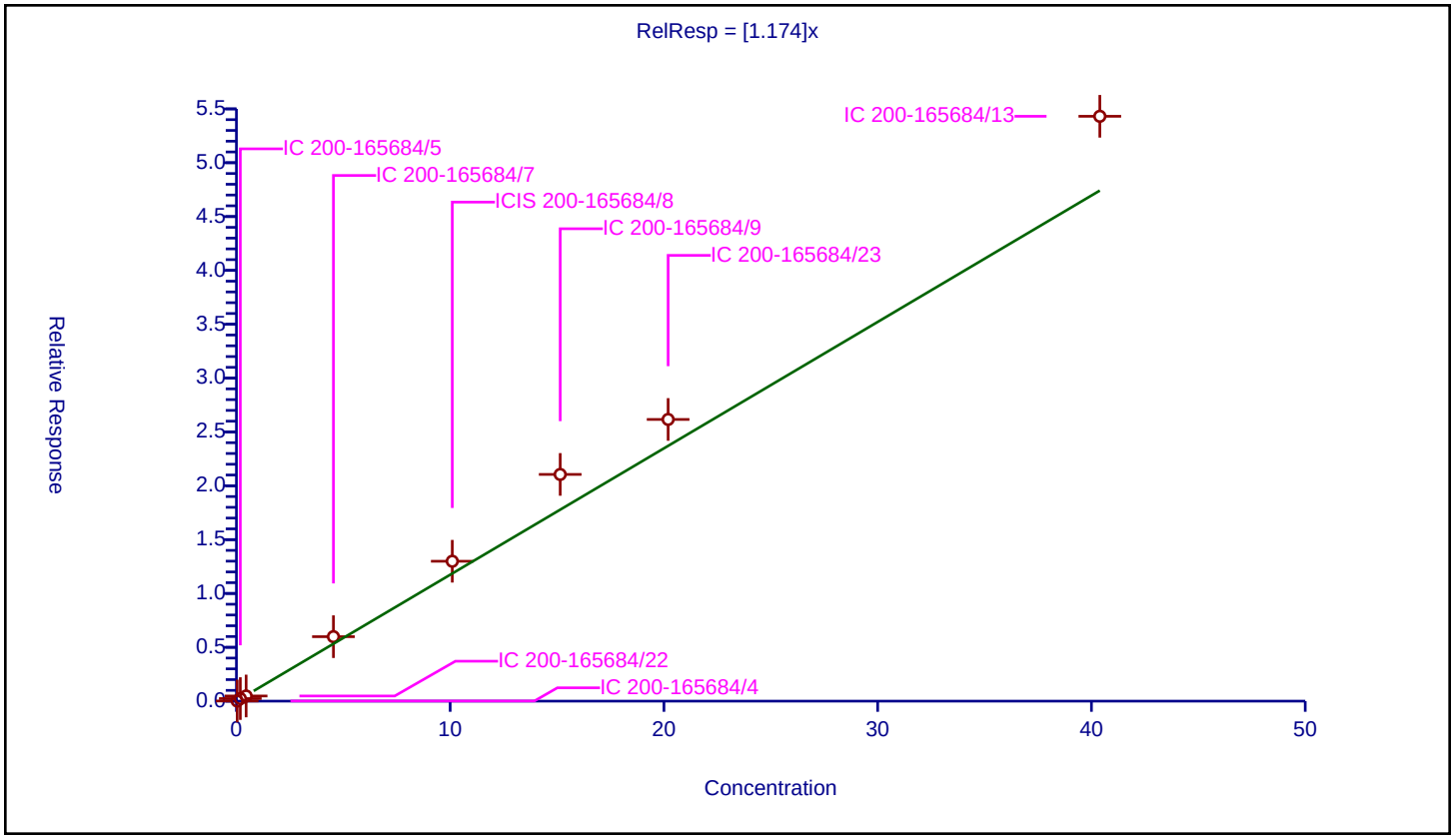
Curve Coefficients

Intercept:	0
Slope:	1.174

Error Coefficients

Standard Error:	217000
Relative Standard Error:	28.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.932

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035428	0.013818	10.0	81055.0	0.390027	Y
2	IC 200-165684/5	0.1822	0.238516	10.0	79785.0	1.309091	Y
3	IC 200-165684/22	0.453824	0.479274	10.0	63617.0	1.05608	Y
4	IC 200-165684/7	4.53824	5.986168	10.0	65501.0	1.319051	Y
5	ICIS 200-165684/8	10.09804	12.991218	10.0	79135.0	1.286509	Y
6	IC 200-165684/9	15.147061	21.053651	10.0	79495.0	1.38995	Y
7	IC 200-165684/23	20.196081	26.160702	10.0	87964.0	1.295336	Y
8	IC 200-165684/13	40.392162	54.313094	10.0	89743.0	1.344644	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

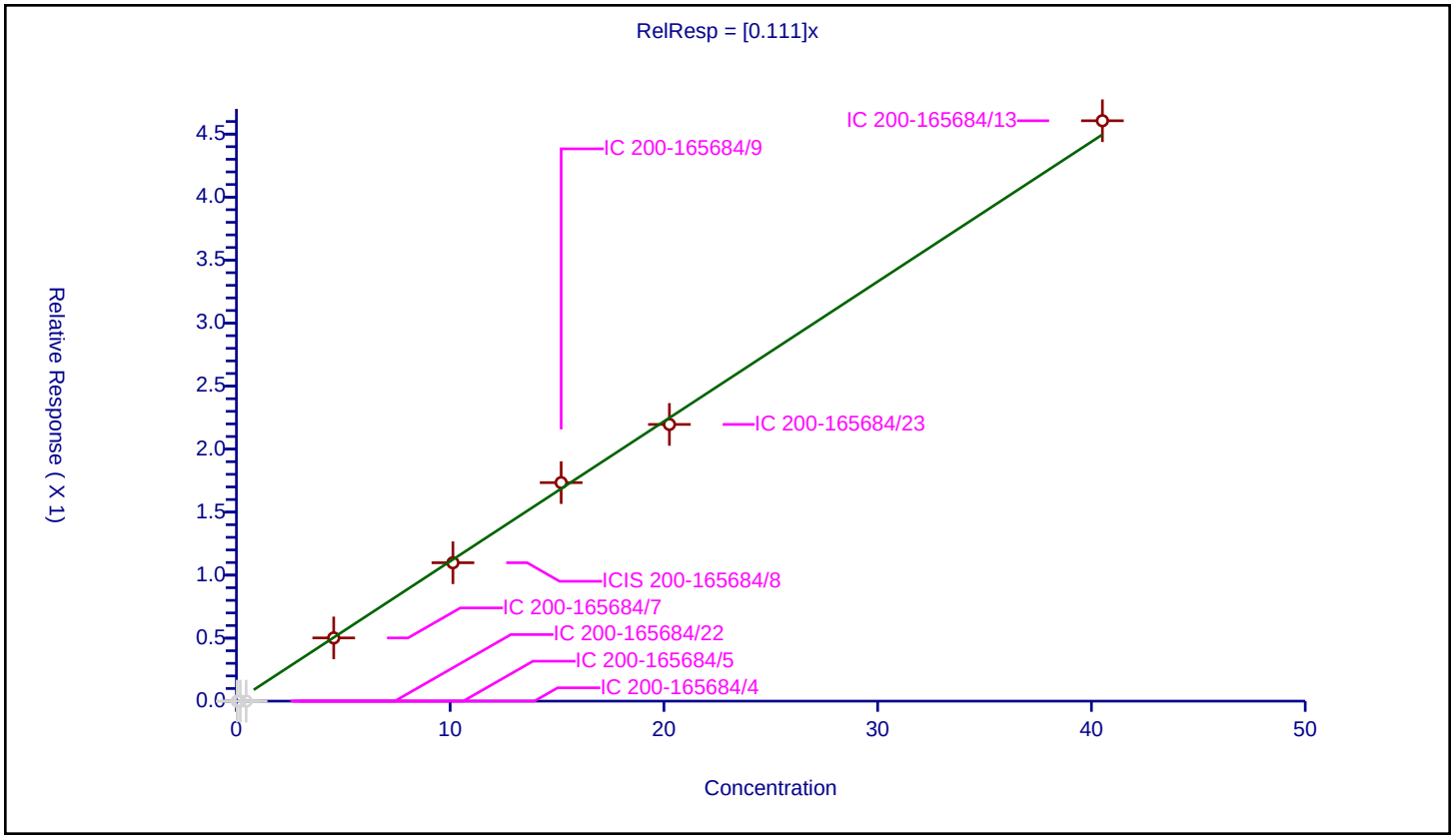
Curve Coefficients

Intercept:	0
Slope:	0.111

Error Coefficients

Standard Error:	24300
Relative Standard Error:	2.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035533	0.0	10.0	81055.0	0.0	N
2	IC 200-165684/5	0.182741	0.0	10.0	79785.0	0.0	N
3	IC 200-165684/22	0.455172	0.0	10.0	63617.0	0.0	N
4	IC 200-165684/7	4.55172	0.501672	10.0	65501.0	0.110216	Y
5	ICIS 200-165684/8	10.128035	1.09825	10.0	79135.0	0.108437	Y
6	IC 200-165684/9	15.192052	1.734197	10.0	79495.0	0.114152	Y
7	IC 200-165684/23	20.256069	2.196012	10.0	87964.0	0.108413	Y
8	IC 200-165684/13	40.512139	4.606042	10.0	89743.0	0.113695	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

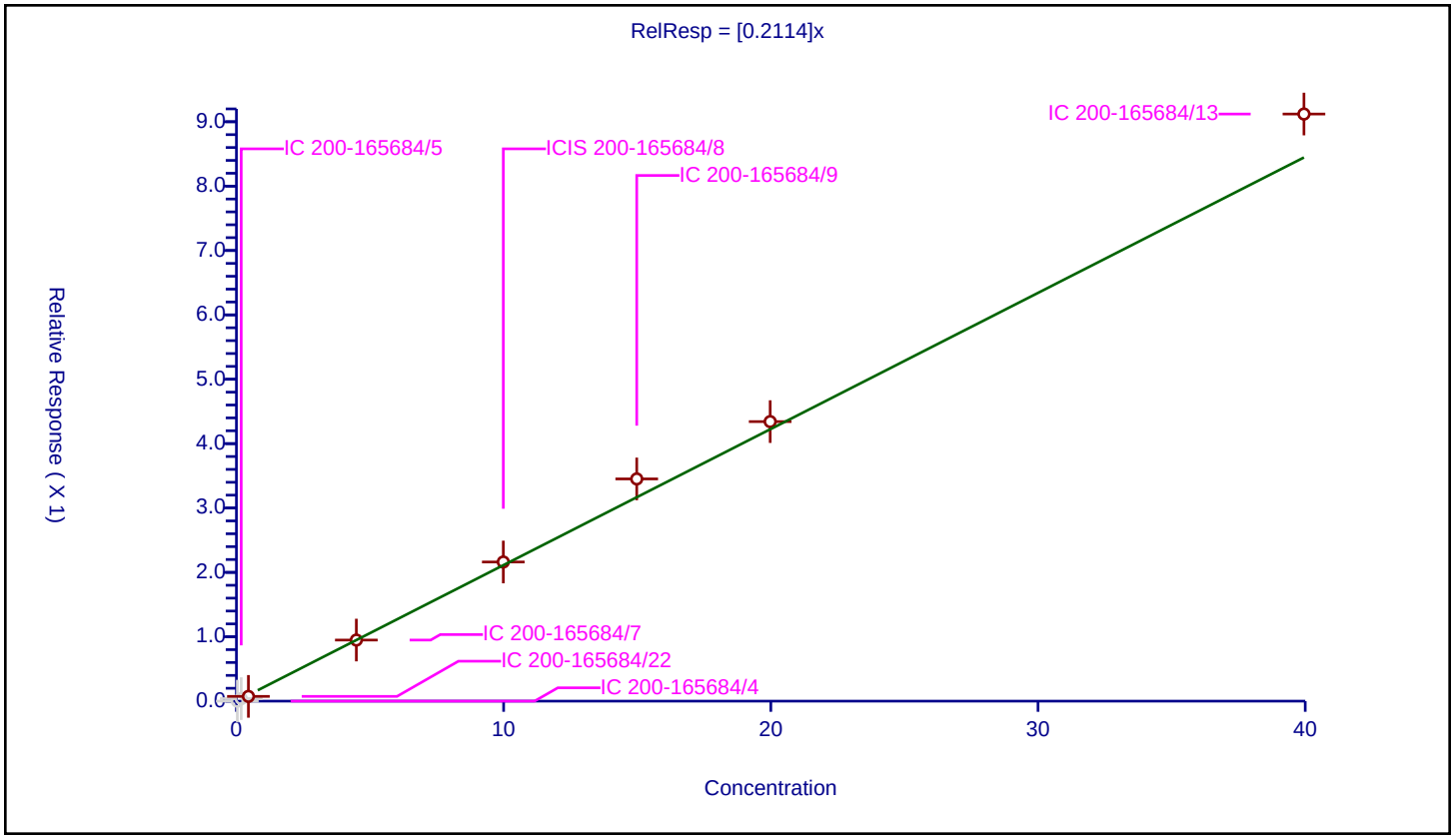
Curve Coefficients

Intercept:	0
Slope:	0.2114

Error Coefficients

Standard Error:	213000
Relative Standard Error:	11.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035042	0.0	10.0	402888.0	0.0	N
2	IC 200-165684/5	0.180215	0.03891	10.0	398101.0	0.215907	N
3	IC 200-165684/22	0.448881	0.073835	10.0	320038.0	0.164487	Y
4	IC 200-165684/7	4.488813	0.948768	10.0	333348.0	0.211363	Y
5	ICIS 200-165684/8	9.988062	2.161674	10.0	389092.0	0.216426	Y
6	IC 200-165684/9	14.982093	3.451991	10.0	391548.0	0.230408	Y
7	IC 200-165684/23	19.976124	4.342353	10.0	429820.0	0.217377	Y
8	IC 200-165684/13	39.952247	9.120147	10.0	445506.0	0.228276	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

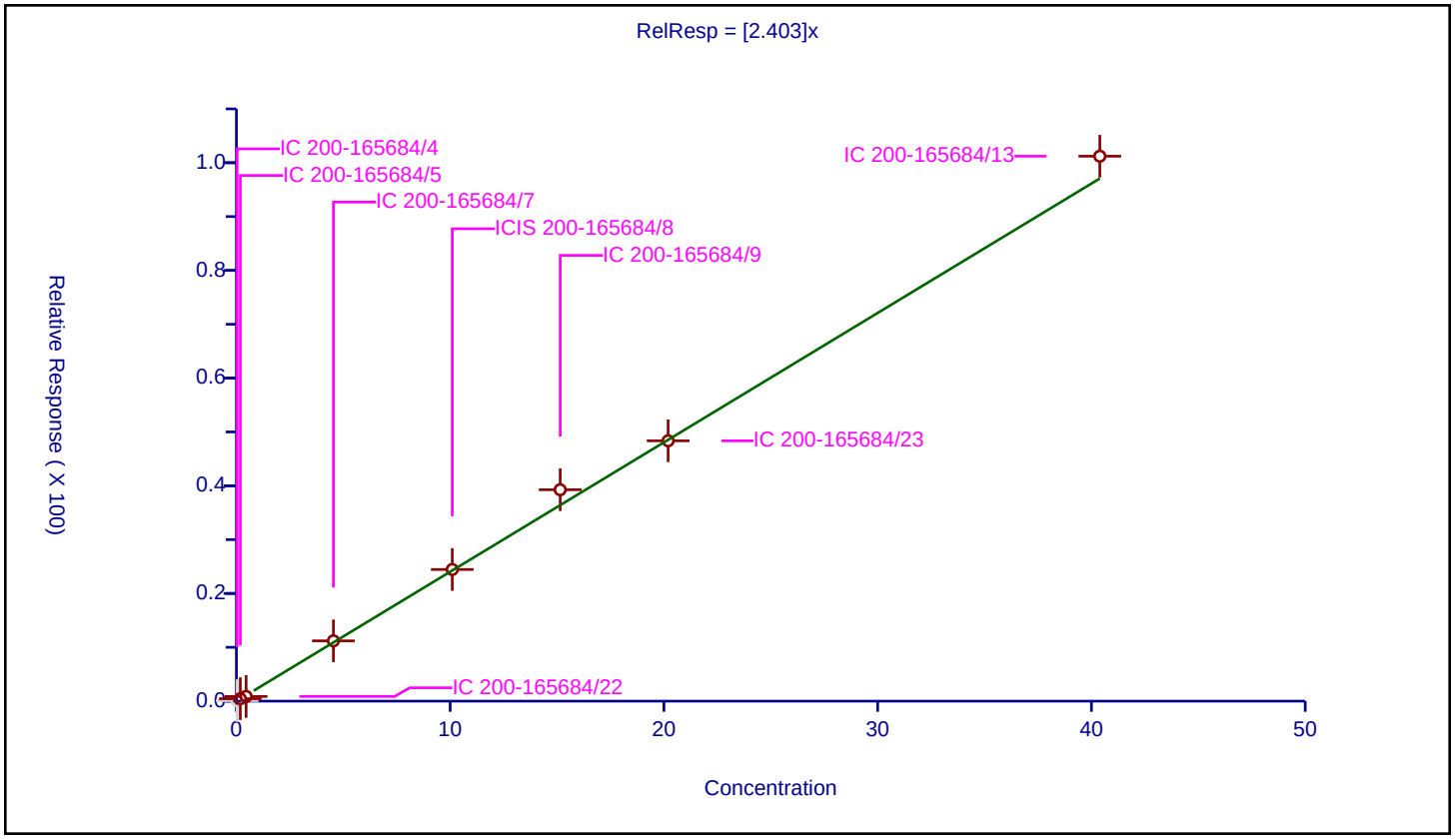
Curve Coefficients

Intercept:	0
Slope:	2.403

Error Coefficients

Standard Error:	437000
Relative Standard Error:	9.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035428	0.090926	10.0	81055.0	2.56652	N
2	IC 200-165684/5	0.1822	0.458858	10.0	79785.0	2.518436	Y
3	IC 200-165684/22	0.453824	0.872723	10.0	63617.0	1.923042	Y
4	IC 200-165684/7	4.53824	11.199371	10.0	65501.0	2.467779	Y
5	ICIS 200-165684/8	10.09804	24.4486	10.0	79135.0	2.421123	Y
6	IC 200-165684/9	15.147061	39.267501	10.0	79495.0	2.592417	Y
7	IC 200-165684/23	20.196081	48.353872	10.0	87964.0	2.394221	Y
8	IC 200-165684/13	40.392162	101.207671	10.0	89743.0	2.505626	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

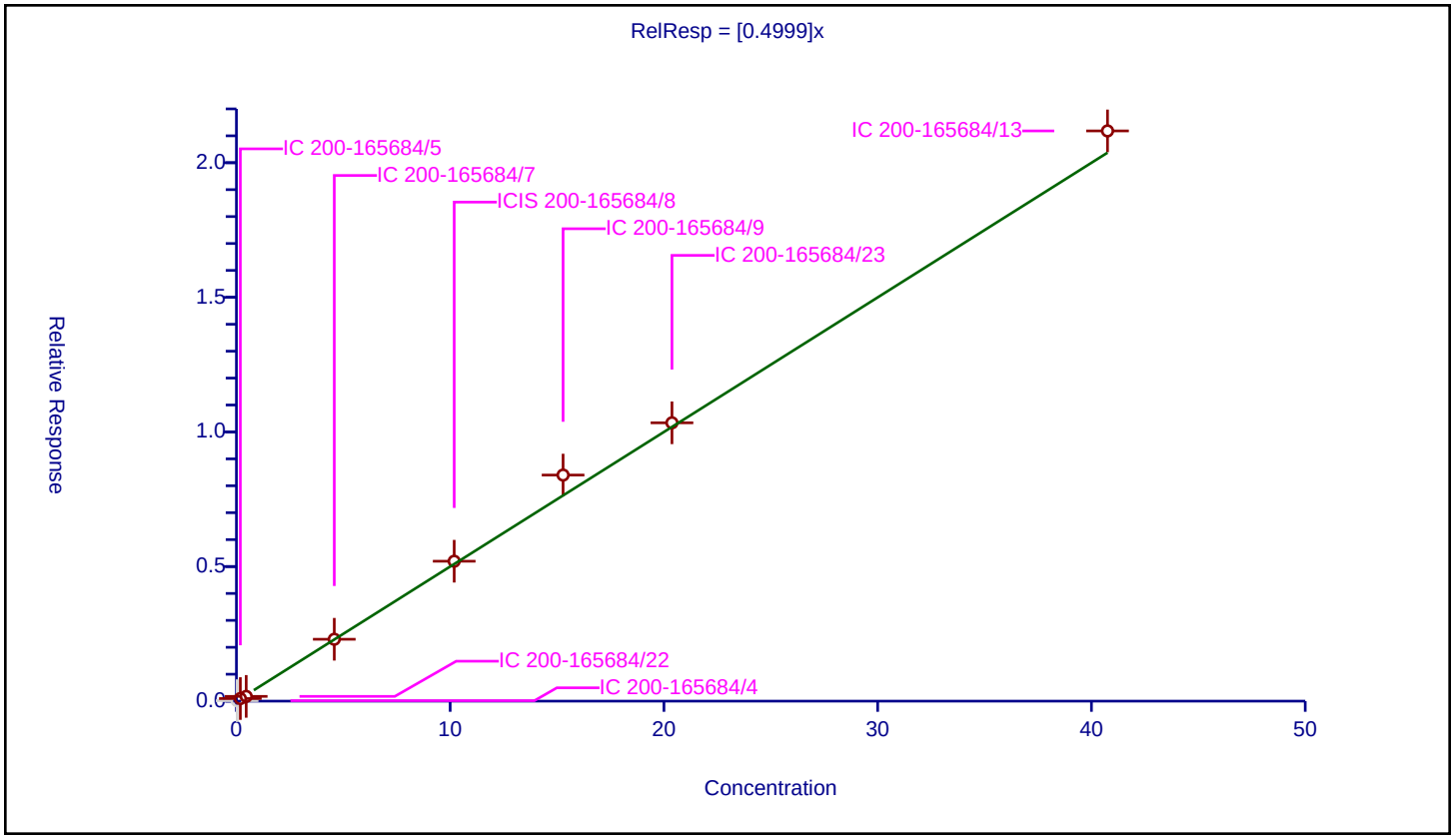
Curve Coefficients

Intercept:	0
Slope:	0.4999

Error Coefficients

Standard Error:	455000
Relative Standard Error:	10.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035743	0.016828	10.0	402888.0	0.470814	N
2	IC 200-165684/5	0.183823	0.096584	10.0	398101.0	0.525415	Y
3	IC 200-165684/22	0.457868	0.176385	10.0	320038.0	0.385232	Y
4	IC 200-165684/7	4.578679	2.298379	10.0	333348.0	0.501974	Y
5	ICIS 200-165684/8	10.188023	5.197434	10.0	389092.0	0.510151	Y
6	IC 200-165684/9	15.282035	8.398179	10.0	391548.0	0.549546	Y
7	IC 200-165684/23	20.376046	10.339002	10.0	429820.0	0.50741	Y
8	IC 200-165684/13	40.752092	21.182072	10.0	445506.0	0.519779	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

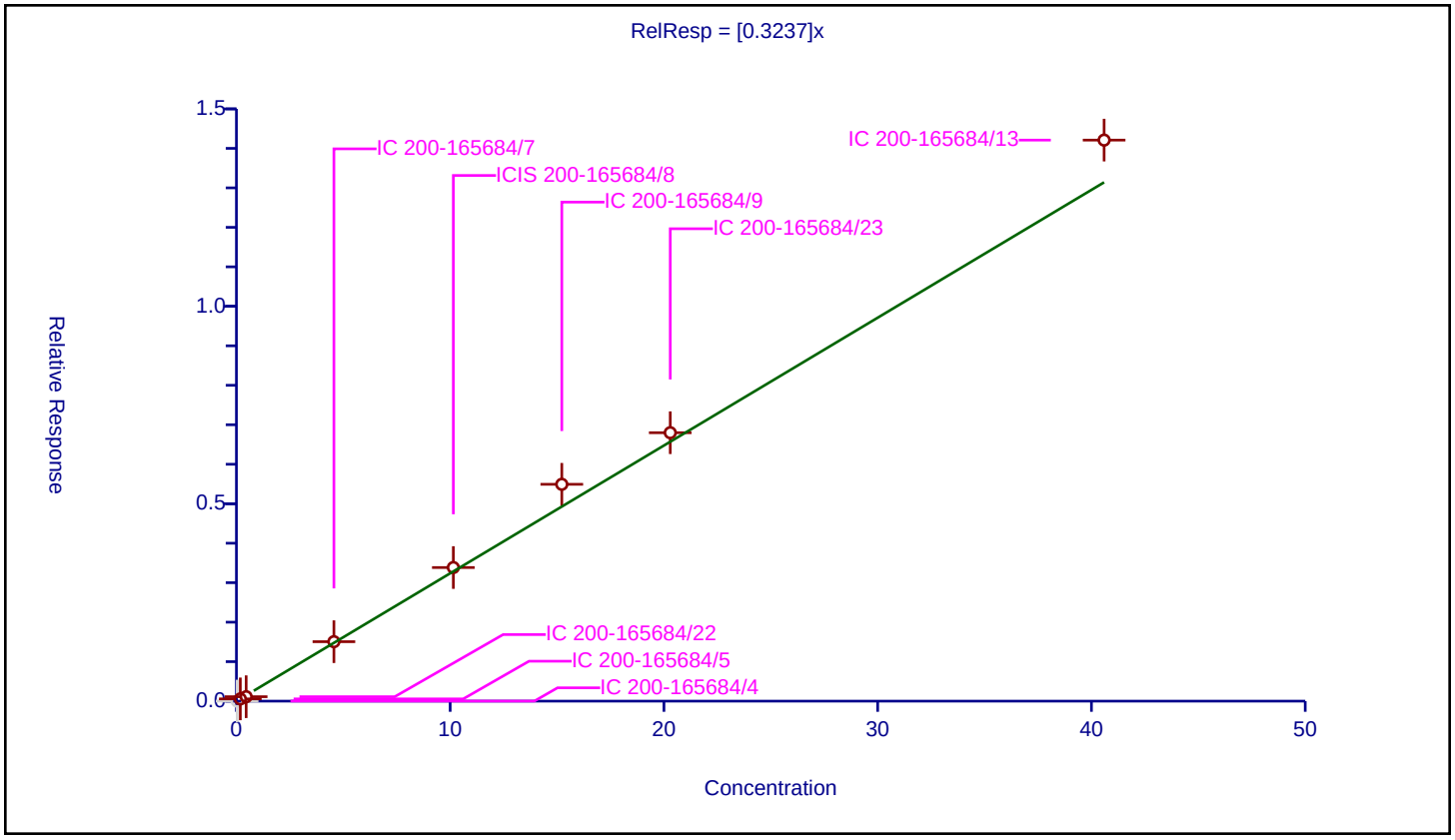
Curve Coefficients

Intercept:	0
Slope:	0.3237

Error Coefficients

Standard Error:	303000
Relative Standard Error:	11.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035603	0.001638	10.0	402888.0	0.046012	N
2	IC 200-165684/5	0.183102	0.056669	10.0	398101.0	0.309495	Y
3	IC 200-165684/22	0.456071	0.112612	10.0	320038.0	0.246917	Y
4	IC 200-165684/7	4.560706	1.506294	10.0	333348.0	0.330276	Y
5	ICIS 200-165684/8	10.148031	3.383981	10.0	389092.0	0.333462	Y
6	IC 200-165684/9	15.222046	5.491894	10.0	391548.0	0.360786	Y
7	IC 200-165684/23	20.296062	6.798869	10.0	429820.0	0.334985	Y
8	IC 200-165684/13	40.592123	14.209461	10.0	445506.0	0.350055	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

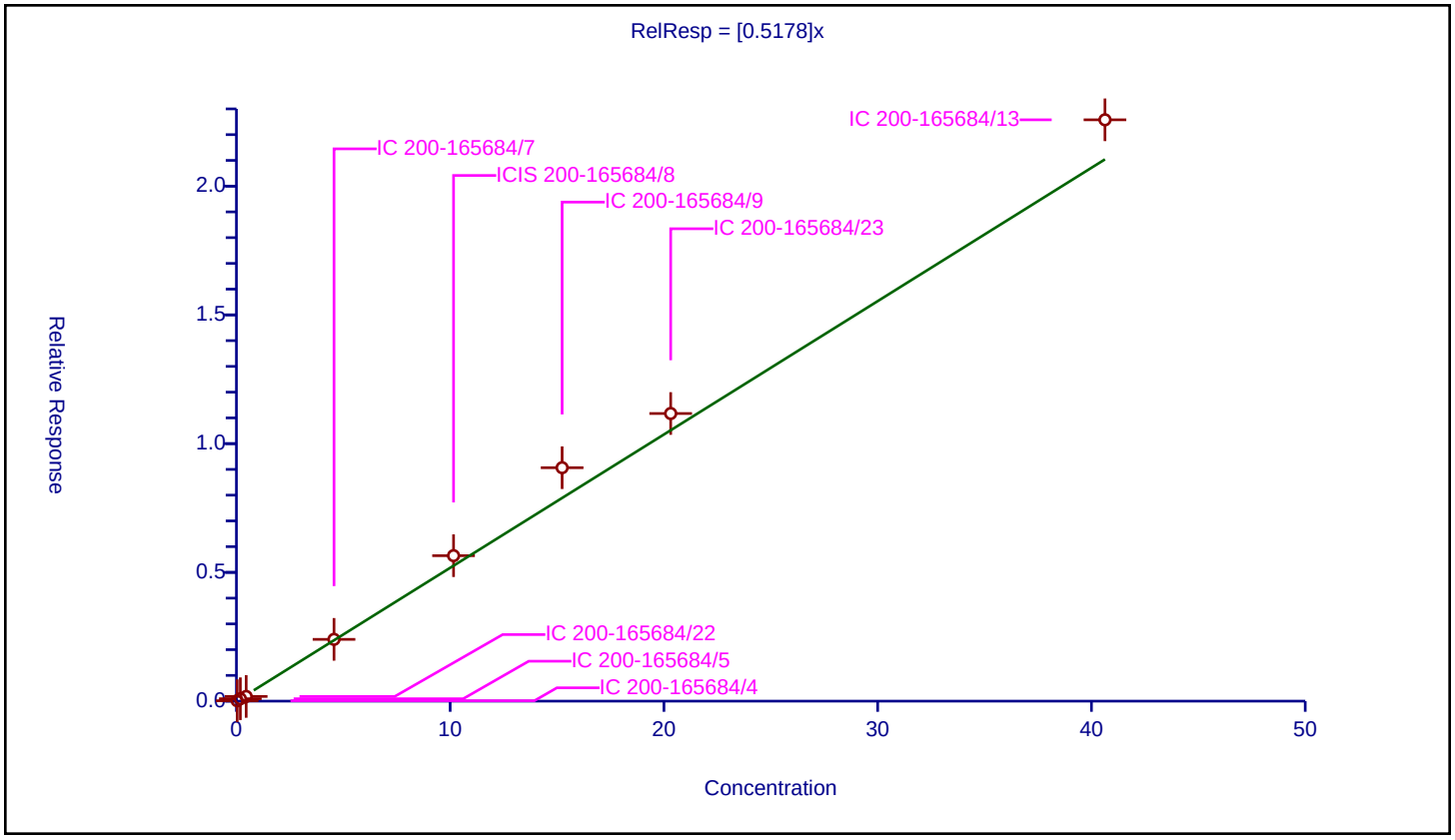
Curve Coefficients

Intercept:	0
Slope:	0.5178

Error Coefficients

Standard Error:	451000
Relative Standard Error:	12.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035638	0.015985	10.0	402888.0	0.448524	Y
2	IC 200-165684/5	0.183282	0.09367	10.0	398101.0	0.511069	Y
3	IC 200-165684/22	0.45652	0.182916	10.0	320038.0	0.400674	Y
4	IC 200-165684/7	4.5652	2.399354	10.0	333348.0	0.525575	Y
5	ICIS 200-165684/8	10.158029	5.649409	10.0	389092.0	0.556152	Y
6	IC 200-165684/9	15.237043	9.065785	10.0	391548.0	0.594983	Y
7	IC 200-165684/23	20.316058	11.17056	10.0	429820.0	0.549839	Y
8	IC 200-165684/13	40.632115	22.575835	10.0	445506.0	0.555616	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

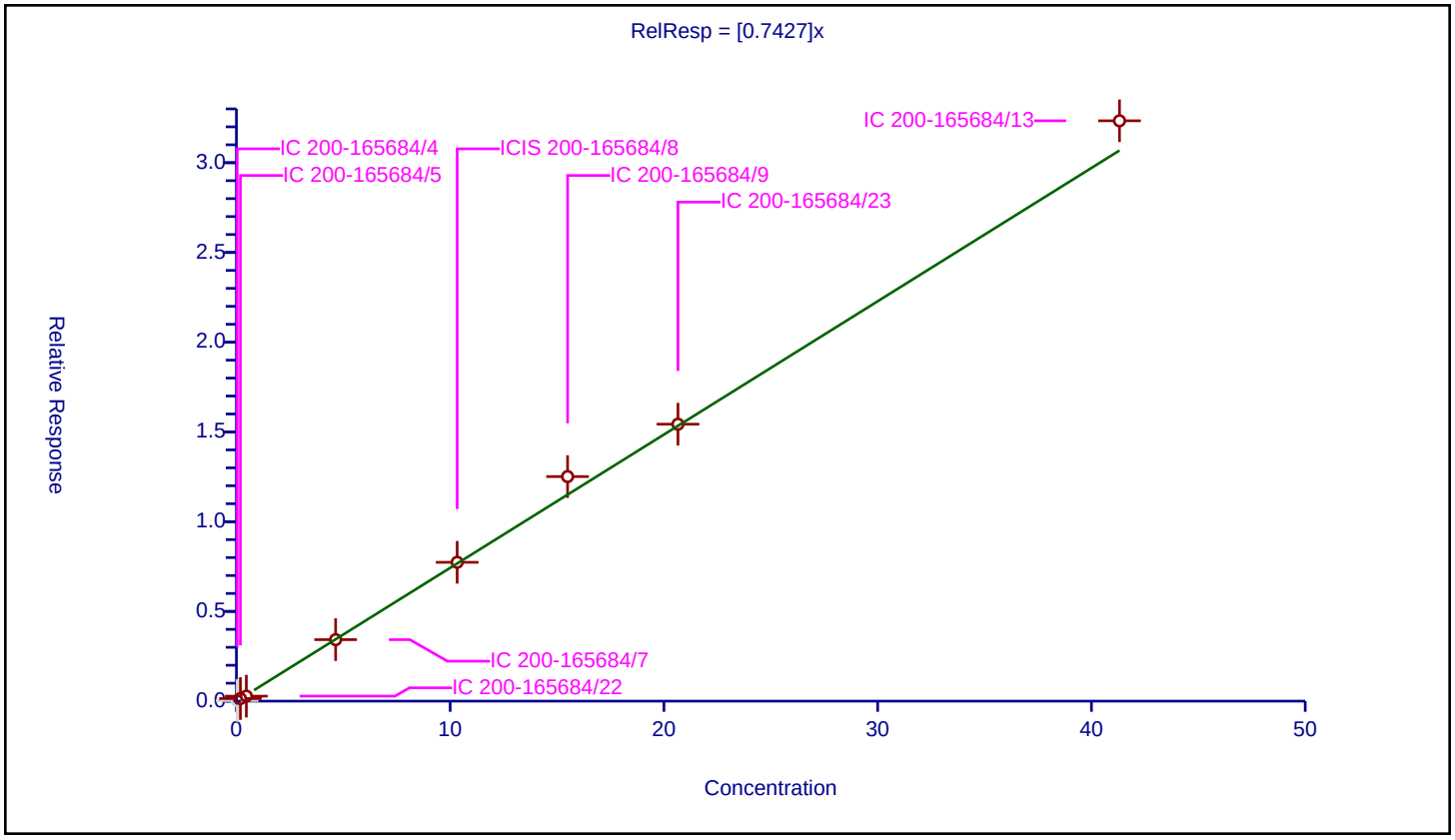
Curve Coefficients

Intercept:	0
Slope:	0.7427

Error Coefficients

Standard Error:	690000
Relative Standard Error:	9.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036234	0.031696	10.0	402888.0	0.874751	N
2	IC 200-165684/5	0.186349	0.144385	10.0	398101.0	0.774813	Y
3	IC 200-165684/22	0.464159	0.278248	10.0	320038.0	0.599468	Y
4	IC 200-165684/7	4.641586	3.425939	10.0	333348.0	0.738097	Y
5	ICIS 200-165684/8	10.327996	7.735703	10.0	389092.0	0.749003	Y
6	IC 200-165684/9	15.491994	12.512872	10.0	391548.0	0.807699	Y
7	IC 200-165684/23	20.655992	15.431739	10.0	429820.0	0.747083	Y
8	IC 200-165684/13	41.311983	32.3364	10.0	445506.0	0.782737	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

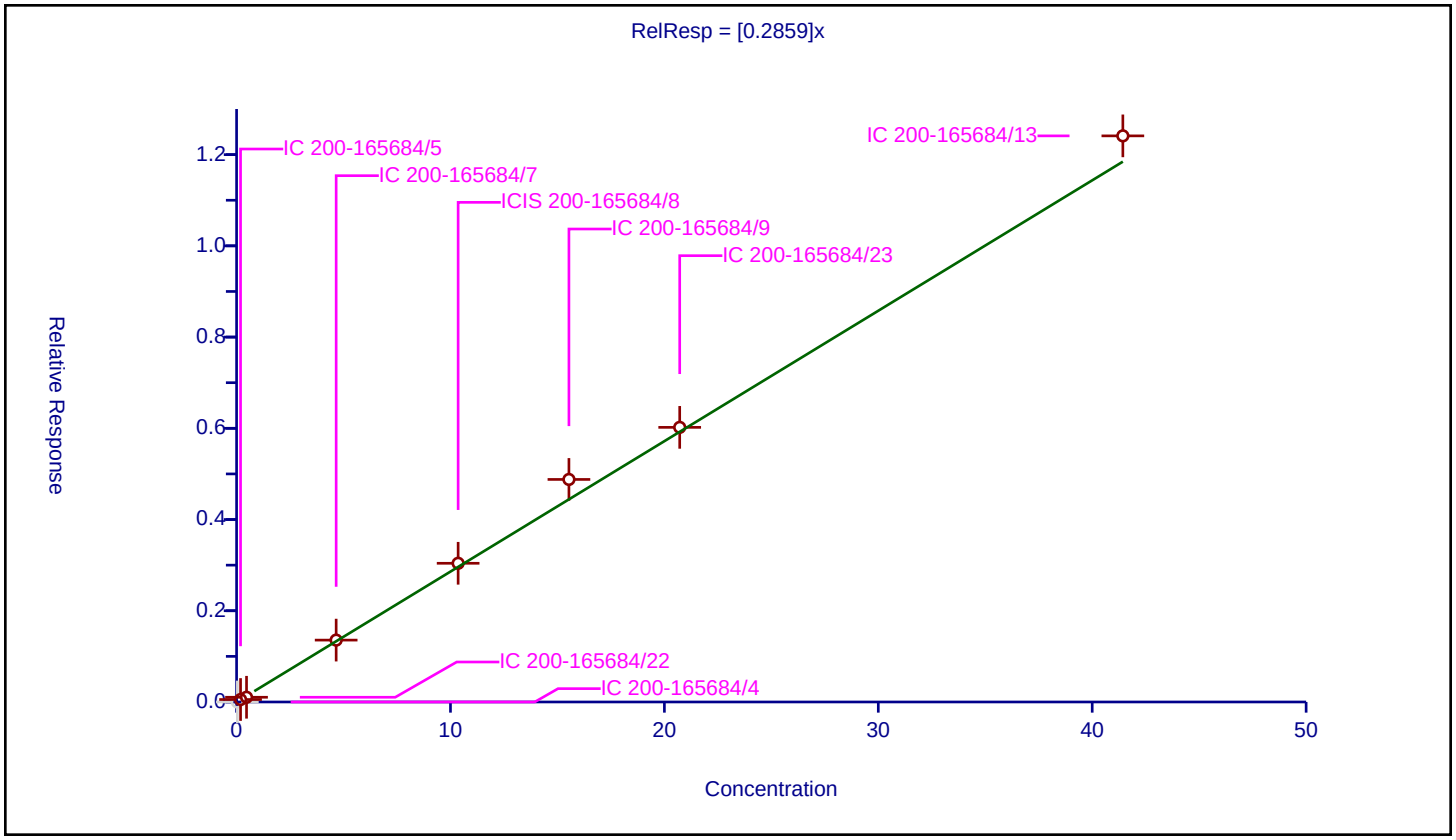
Curve Coefficients

Intercept:	0
Slope:	0.2859

Error Coefficients

Standard Error:	266000
Relative Standard Error:	10.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03634	0.0	10.0	402888.0	0.0	N
2	IC 200-165684/5	0.18689	0.054006	10.0	398101.0	0.288974	Y
3	IC 200-165684/22	0.465507	0.103894	10.0	320038.0	0.223185	Y
4	IC 200-165684/7	4.655066	1.35666	10.0	333348.0	0.291437	Y
5	ICIS 200-165684/8	10.35799	3.04072	10.0	389092.0	0.293563	Y
6	IC 200-165684/9	15.536985	4.878865	10.0	391548.0	0.314016	Y
7	IC 200-165684/23	20.71598	6.020799	10.0	429820.0	0.290636	Y
8	IC 200-165684/13	41.43196	12.411011	10.0	445506.0	0.299552	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

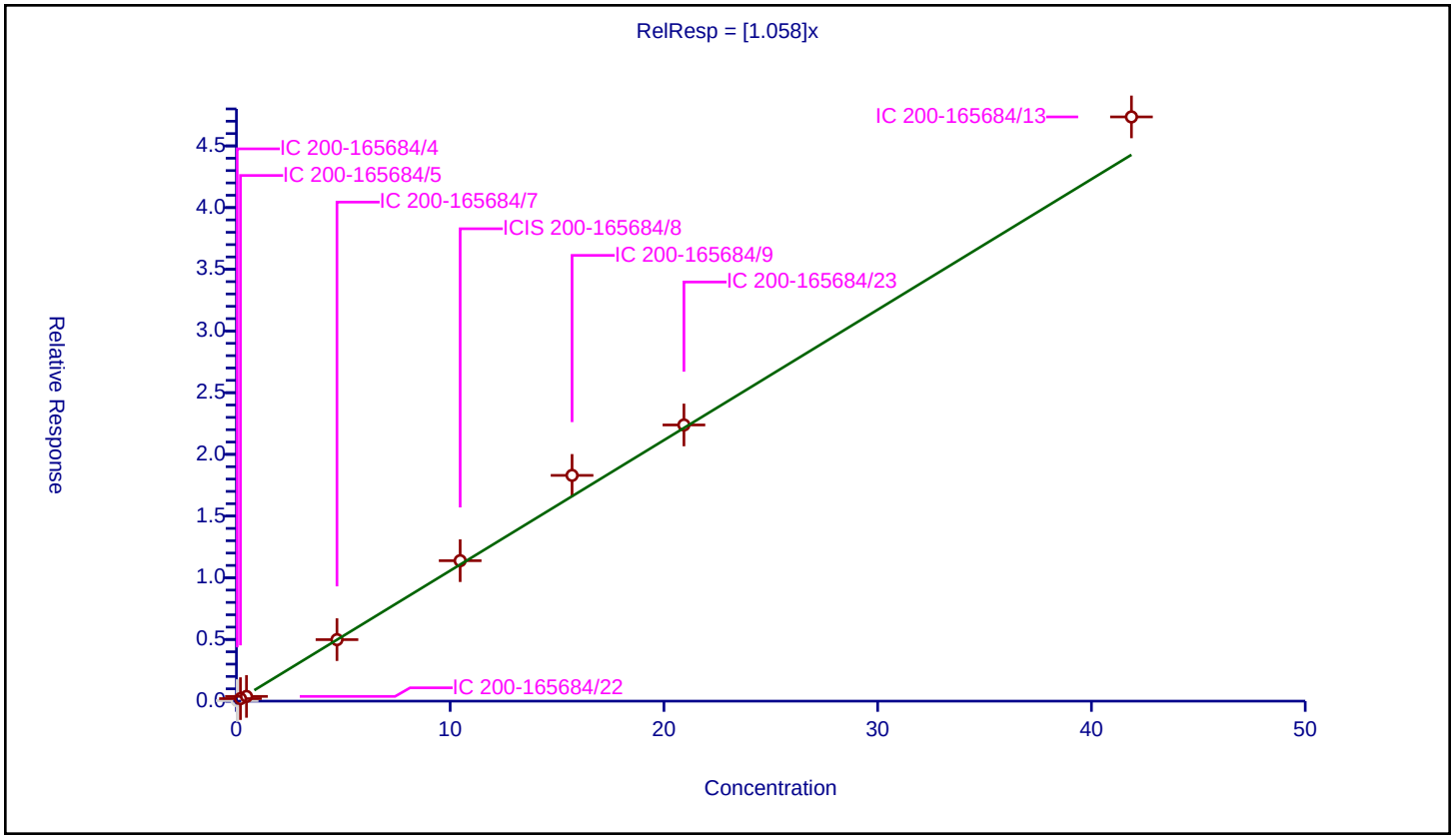
Curve Coefficients

Intercept:	0
Slope:	1.058

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	10.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036726	0.042146	10.0	402888.0	1.147585	N
2	IC 200-165684/5	0.188874	0.202989	10.0	398101.0	1.074729	Y
3	IC 200-165684/22	0.470449	0.383829	10.0	320038.0	0.815879	Y
4	IC 200-165684/7	4.704492	4.984221	10.0	333348.0	1.05946	Y
5	ICIS 200-165684/8	10.467969	11.383298	10.0	389092.0	1.087441	Y
6	IC 200-165684/9	15.701953	18.297169	10.0	391548.0	1.16528	Y
7	IC 200-165684/23	20.935937	22.383696	10.0	429820.0	1.069152	Y
8	IC 200-165684/13	41.871875	47.350473	10.0	445506.0	1.130842	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

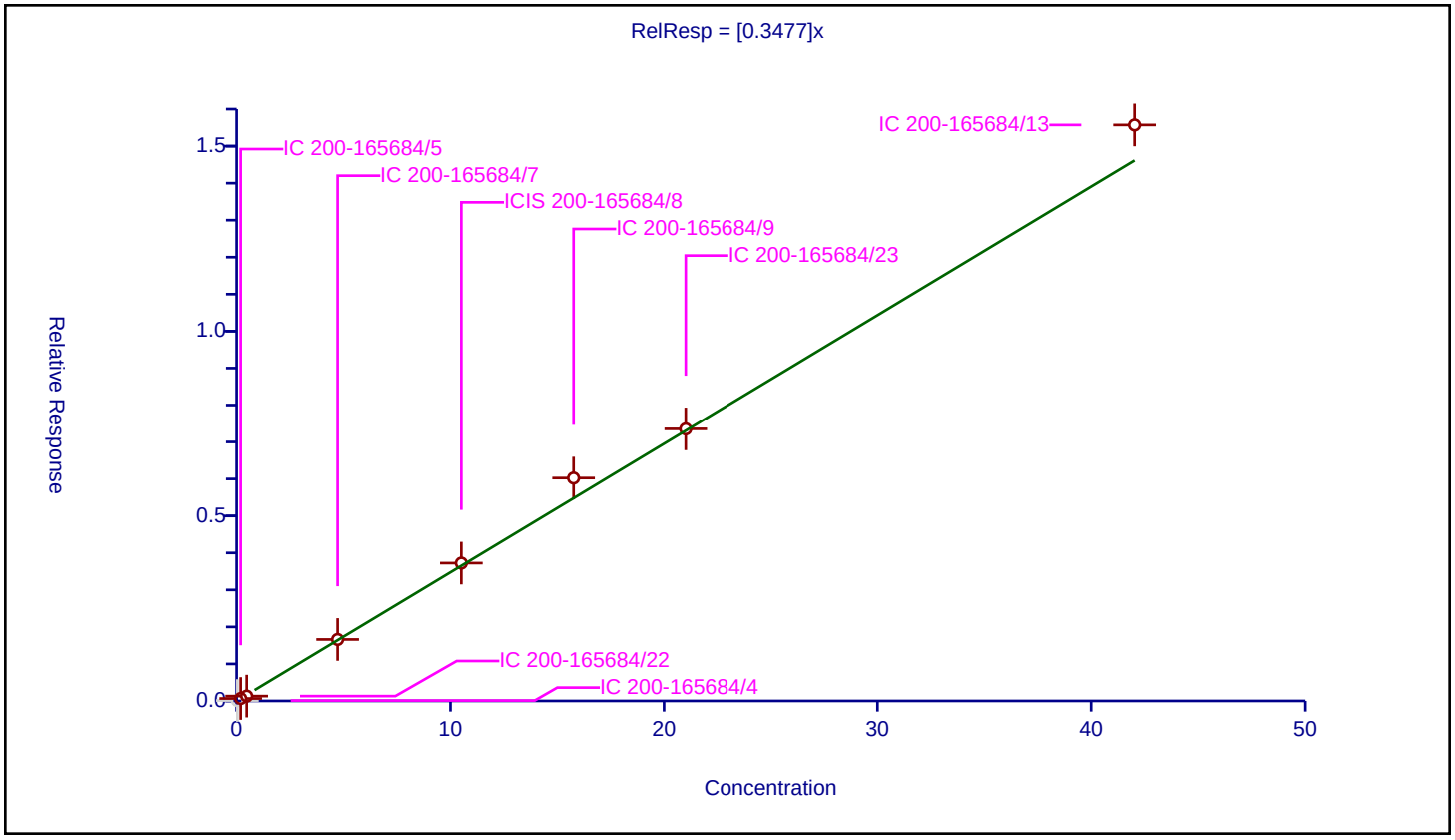
Curve Coefficients

Intercept:	0
Slope:	0.3477

Error Coefficients

Standard Error:	332000
Relative Standard Error:	9.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036866	0.010152	10.0	402888.0	0.275369	N
2	IC 200-165684/5	0.189596	0.066139	10.0	398101.0	0.348842	Y
3	IC 200-165684/22	0.472247	0.130328	10.0	320038.0	0.275975	Y
4	IC 200-165684/7	4.722465	1.660757	10.0	333348.0	0.351672	Y
5	ICIS 200-165684/8	10.507961	3.725443	10.0	389092.0	0.354535	Y
6	IC 200-165684/9	15.761941	6.025136	10.0	391548.0	0.382259	Y
7	IC 200-165684/23	21.015922	7.35466	10.0	429820.0	0.349957	Y
8	IC 200-165684/13	42.031844	15.572899	10.0	445506.0	0.370502	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

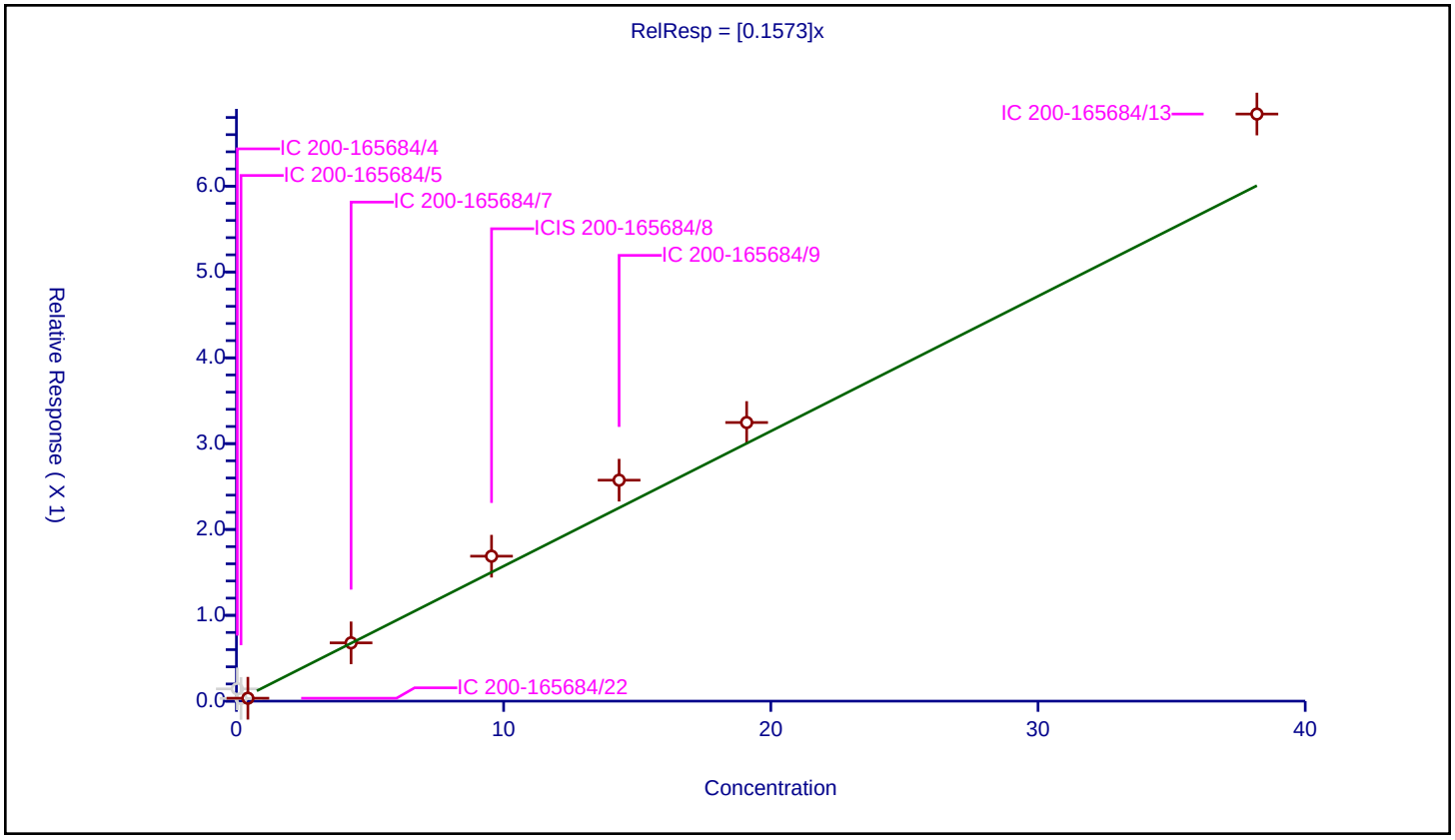
Curve Coefficients

Intercept:	0
Slope:	0.1573

Error Coefficients

Standard Error:	160000
Relative Standard Error:	24.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.947

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.033498	0.142769	10.0	402888.0	4.261961	N
2	IC 200-165684/5	0.172278	0.031575	10.0	398101.0	0.183279	N
3	IC 200-165684/22	0.429111	0.034121	10.0	320038.0	0.079515	Y
4	IC 200-165684/7	4.291108	0.6792	10.0	333348.0	0.158281	Y
5	ICIS 200-165684/8	9.548147	1.688881	10.0	389092.0	0.17688	Y
6	IC 200-165684/9	14.322221	2.574448	10.0	391548.0	0.179752	Y
7	IC 200-165684/23	19.096294	3.246173	10.0	429820.0	0.16999	Y
8	IC 200-165684/13	38.192589	6.8402	10.0	445506.0	0.179098	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

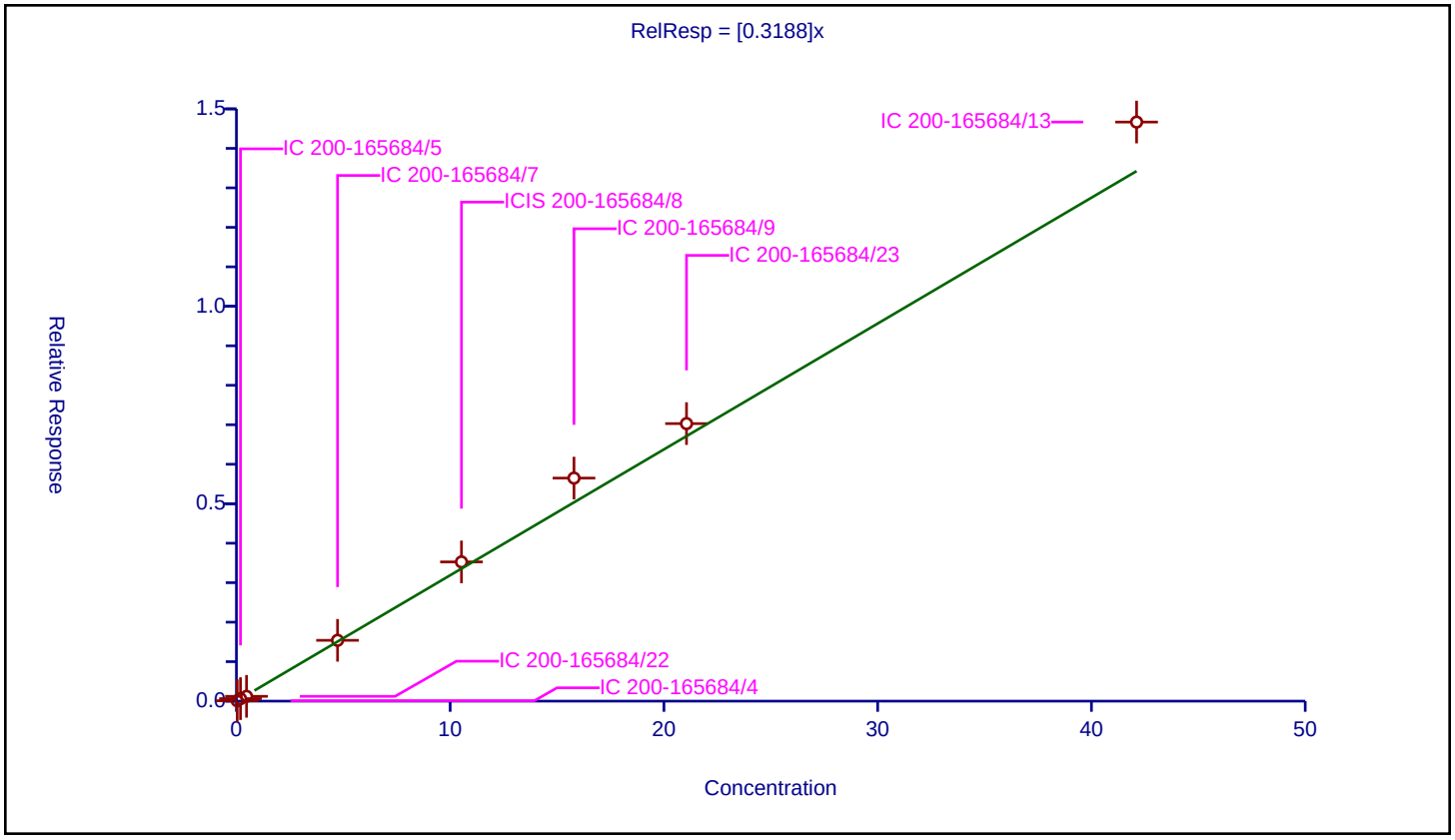
Curve Coefficients

Intercept:	0
Slope:	0.3188

Error Coefficients

Standard Error:	290000
Relative Standard Error:	12.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036936	0.009556	10.0	402888.0	0.258718	Y
2	IC 200-165684/5	0.189957	0.063351	10.0	398101.0	0.333501	Y
3	IC 200-165684/22	0.473145	0.121892	10.0	320038.0	0.25762	Y
4	IC 200-165684/7	4.731452	1.540252	10.0	333348.0	0.325535	Y
5	ICIS 200-165684/8	10.527957	3.526081	10.0	389092.0	0.334925	Y
6	IC 200-165684/9	15.791936	5.649397	10.0	391548.0	0.357739	Y
7	IC 200-165684/23	21.055914	7.029152	10.0	429820.0	0.333833	Y
8	IC 200-165684/13	42.111828	14.666604	10.0	445506.0	0.348278	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

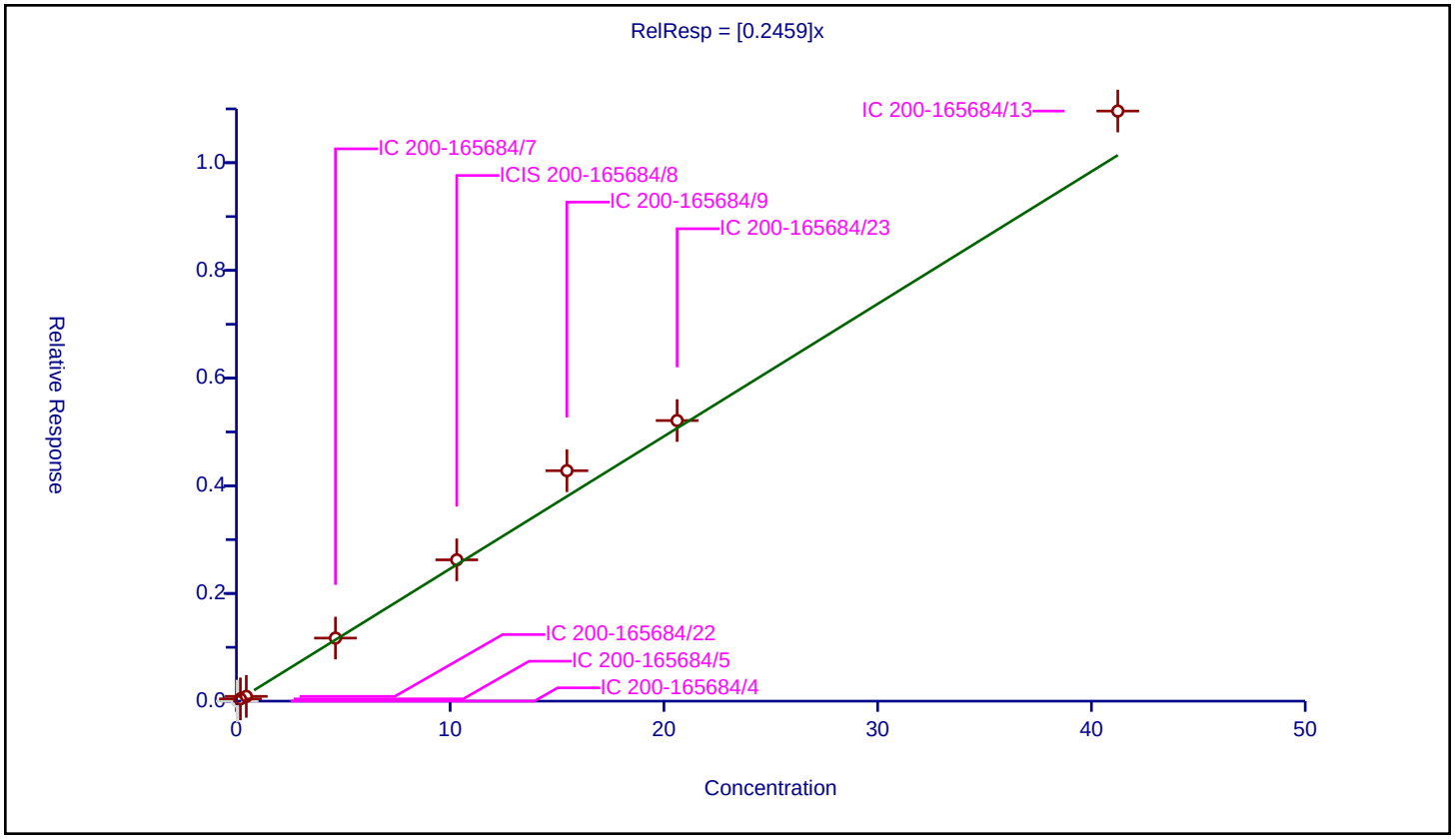
Curve Coefficients

Intercept:	0
Slope:	0.2459

Error Coefficients

Standard Error:	234000
Relative Standard Error:	11.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036164	0.0	10.0	402888.0	0.0	N
2	IC 200-165684/5	0.185988	0.042125	10.0	398101.0	0.226493	Y
3	IC 200-165684/22	0.46326	0.088989	10.0	320038.0	0.192094	Y
4	IC 200-165684/7	4.632599	1.171208	10.0	333348.0	0.252819	Y
5	ICIS 200-165684/8	10.308	2.624701	10.0	389092.0	0.254628	Y
6	IC 200-165684/9	15.462	4.280114	10.0	391548.0	0.276815	Y
7	IC 200-165684/23	20.615999	5.211577	10.0	429820.0	0.252793	Y
8	IC 200-165684/13	41.231999	10.959763	10.0	445506.0	0.265807	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

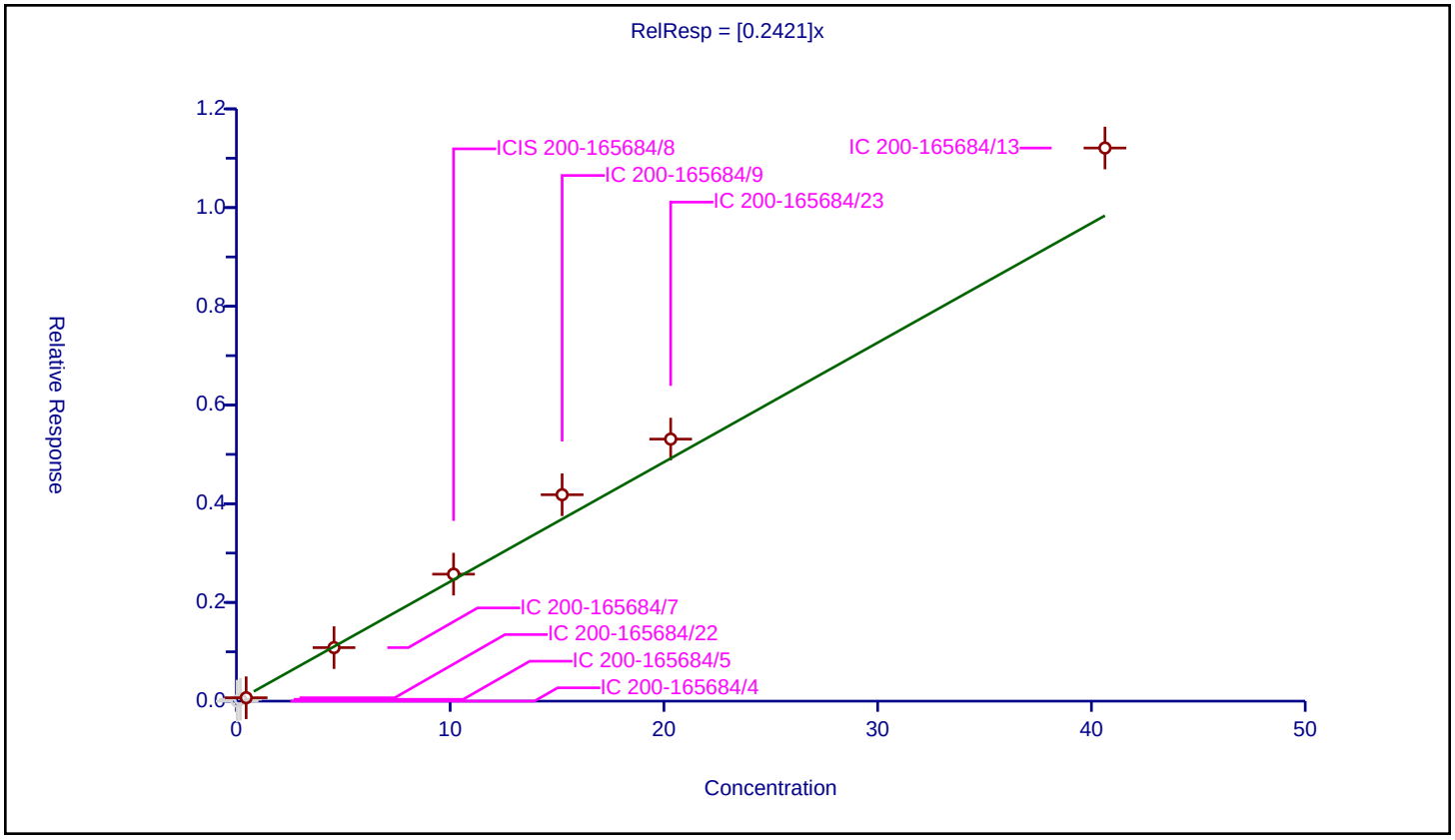
Curve Coefficients

Intercept:	0
Slope:	0.2421

Error Coefficients

Standard Error:	261000
Relative Standard Error:	19.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035638	0.0	10.0	402888.0	0.0	N
2	IC 200-165684/5	0.183282	0.036925	10.0	398101.0	0.201467	N
3	IC 200-165684/22	0.45652	0.068617	10.0	320038.0	0.150304	Y
4	IC 200-165684/7	4.5652	1.084212	10.0	333348.0	0.237495	Y
5	ICIS 200-165684/8	10.158029	2.572631	10.0	389092.0	0.253261	Y
6	IC 200-165684/9	15.237043	4.182501	10.0	391548.0	0.274496	Y
7	IC 200-165684/23	20.316058	5.309292	10.0	429820.0	0.261335	Y
8	IC 200-165684/13	40.632115	11.207279	10.0	445506.0	0.275823	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

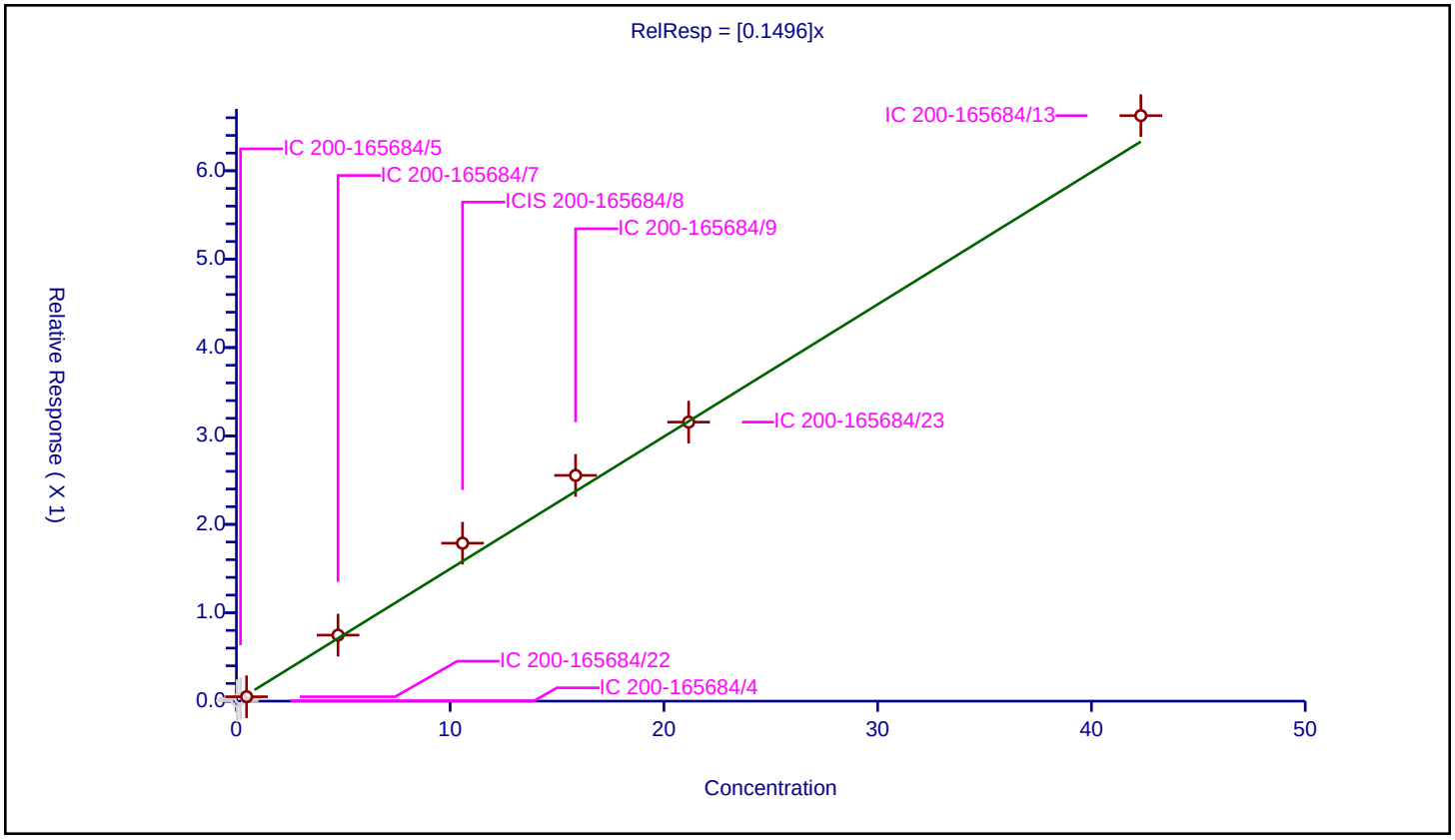
Curve Coefficients

Intercept:	0
Slope:	0.1496

Error Coefficients

Standard Error:	156000
Relative Standard Error:	15.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.037111	0.005113	10.0	402888.0	0.137777	N
2	IC 200-165684/5	0.190859	0.030394	10.0	398101.0	0.15925	N
3	IC 200-165684/22	0.475392	0.0499	10.0	320038.0	0.104967	Y
4	IC 200-165684/7	4.753918	0.746757	10.0	333348.0	0.157082	Y
5	ICIS 200-165684/8	10.577947	1.786775	10.0	389092.0	0.168915	Y
6	IC 200-165684/9	15.866921	2.553965	10.0	391548.0	0.160962	Y
7	IC 200-165684/23	21.155895	3.156647	10.0	429820.0	0.149209	Y
8	IC 200-165684/13	42.311789	6.623659	10.0	445506.0	0.156544	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

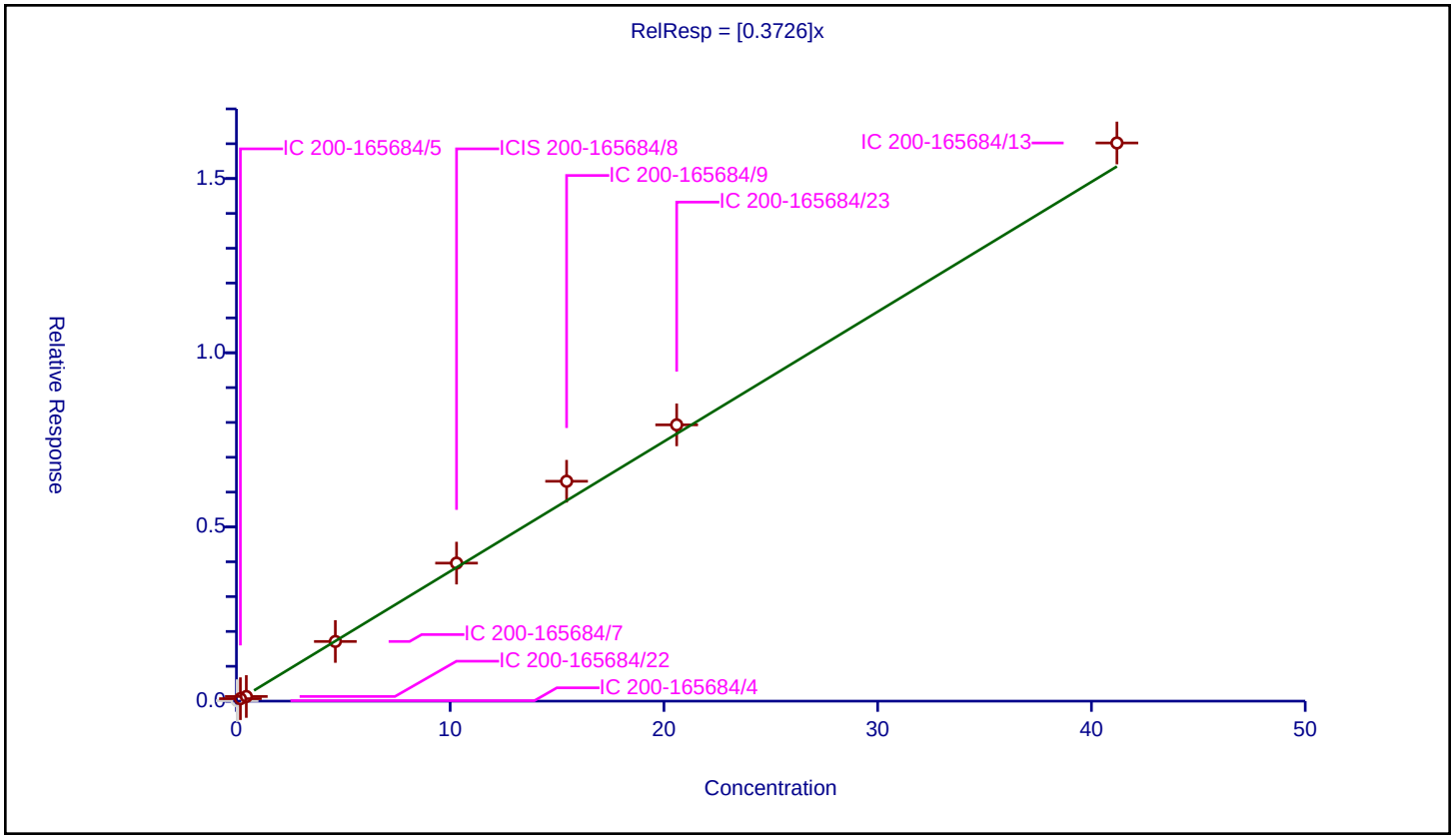
Curve Coefficients

Intercept:	0
Slope:	0.3726

Error Coefficients

Standard Error:	345000
Relative Standard Error:	10.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036129	0.013006	10.0	402888.0	0.359988	N
2	IC 200-165684/5	0.185808	0.070937	10.0	398101.0	0.381775	Y
3	IC 200-165684/22	0.462811	0.133765	10.0	320038.0	0.289028	Y
4	IC 200-165684/7	4.628106	1.712955	10.0	333348.0	0.37012	Y
5	ICIS 200-165684/8	10.298002	3.962148	10.0	389092.0	0.384749	Y
6	IC 200-165684/9	15.447003	6.311231	10.0	391548.0	0.408573	Y
7	IC 200-165684/23	20.596003	7.930296	10.0	429820.0	0.385041	Y
8	IC 200-165684/13	41.192007	16.02241	10.0	445506.0	0.388969	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

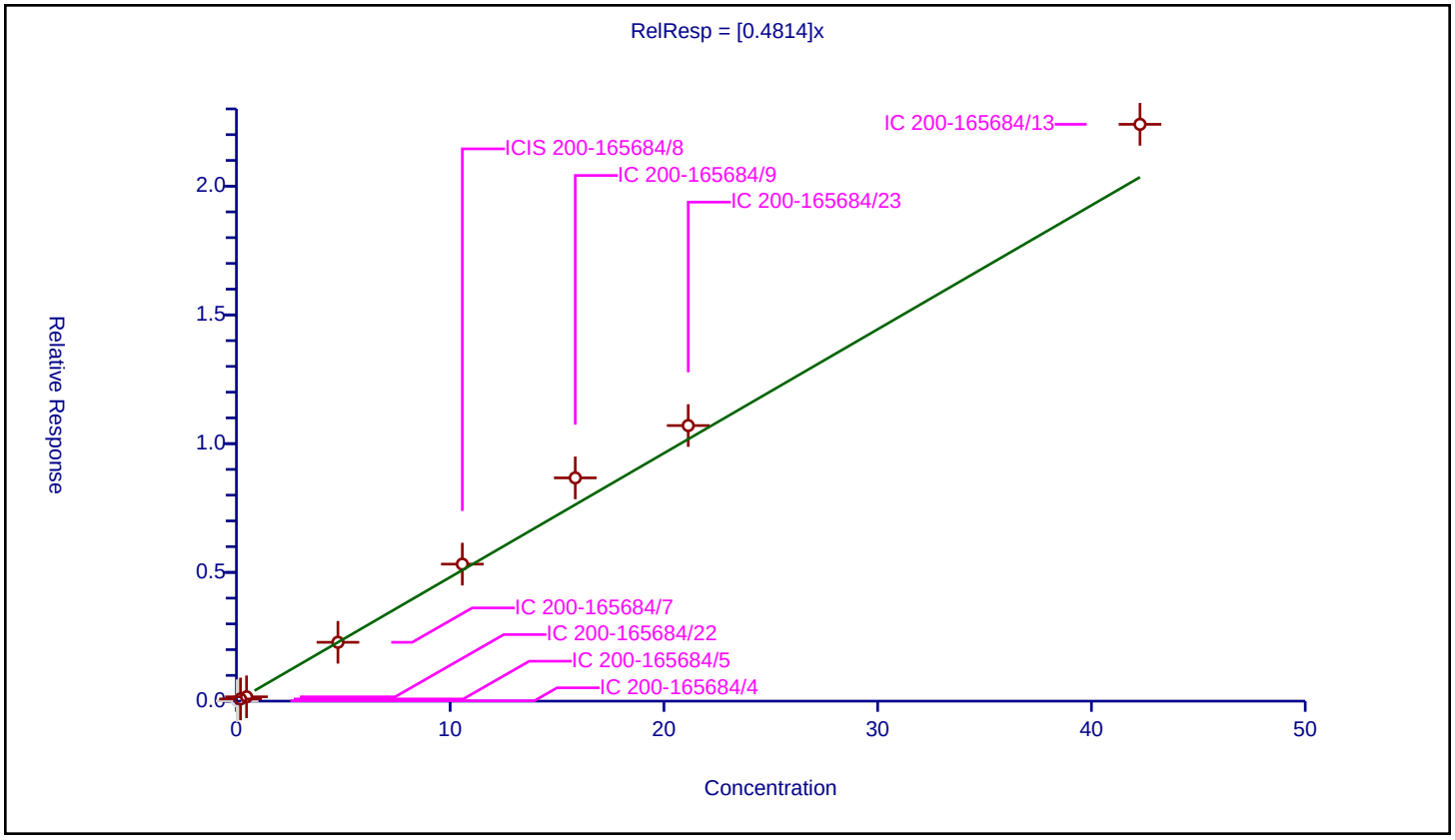
Curve Coefficients

Intercept:	0
Slope:	0.4814

Error Coefficients

Standard Error:	478000
Relative Standard Error:	13.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.037076	0.013751	10.0	402888.0	0.370876	N
2	IC 200-165684/5	0.190678	0.085556	10.0	398101.0	0.448694	Y
3	IC 200-165684/22	0.474943	0.167668	10.0	320038.0	0.353027	Y
4	IC 200-165684/7	4.749425	2.285179	10.0	333348.0	0.481149	Y
5	ICIS 200-165684/8	10.567949	5.321029	10.0	389092.0	0.503506	Y
6	IC 200-165684/9	15.851924	8.670636	10.0	391548.0	0.546977	Y
7	IC 200-165684/23	21.135899	10.702643	10.0	429820.0	0.506373	Y
8	IC 200-165684/13	42.271797	22.400776	10.0	445506.0	0.529922	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

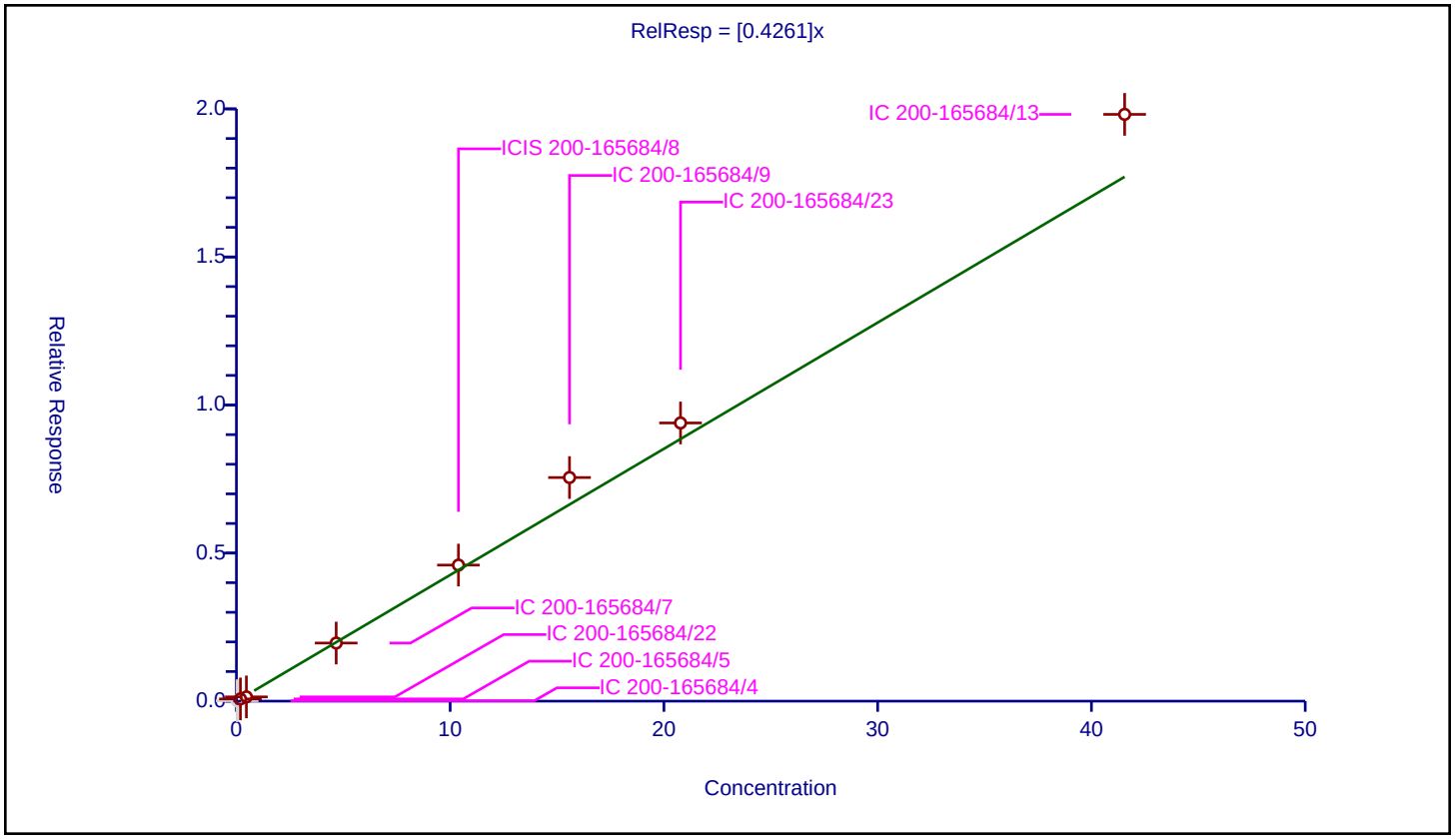
Curve Coefficients

Intercept:	0
Slope:	0.4261

Error Coefficients

Standard Error:	421000
Relative Standard Error:	14.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036445	0.013924	10.0	402888.0	0.382069	N
2	IC 200-165684/5	0.187431	0.074755	10.0	398101.0	0.398839	Y
3	IC 200-165684/22	0.466855	0.143608	10.0	320038.0	0.307607	Y
4	IC 200-165684/7	4.668546	1.962364	10.0	333348.0	0.420337	Y
5	ICIS 200-165684/8	10.387984	4.594286	10.0	389092.0	0.442269	Y
6	IC 200-165684/9	15.581976	7.551386	10.0	391548.0	0.484623	Y
7	IC 200-165684/23	20.775968	9.393746	10.0	429820.0	0.452145	Y
8	IC 200-165684/13	41.551937	19.815087	10.0	445506.0	0.476875	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

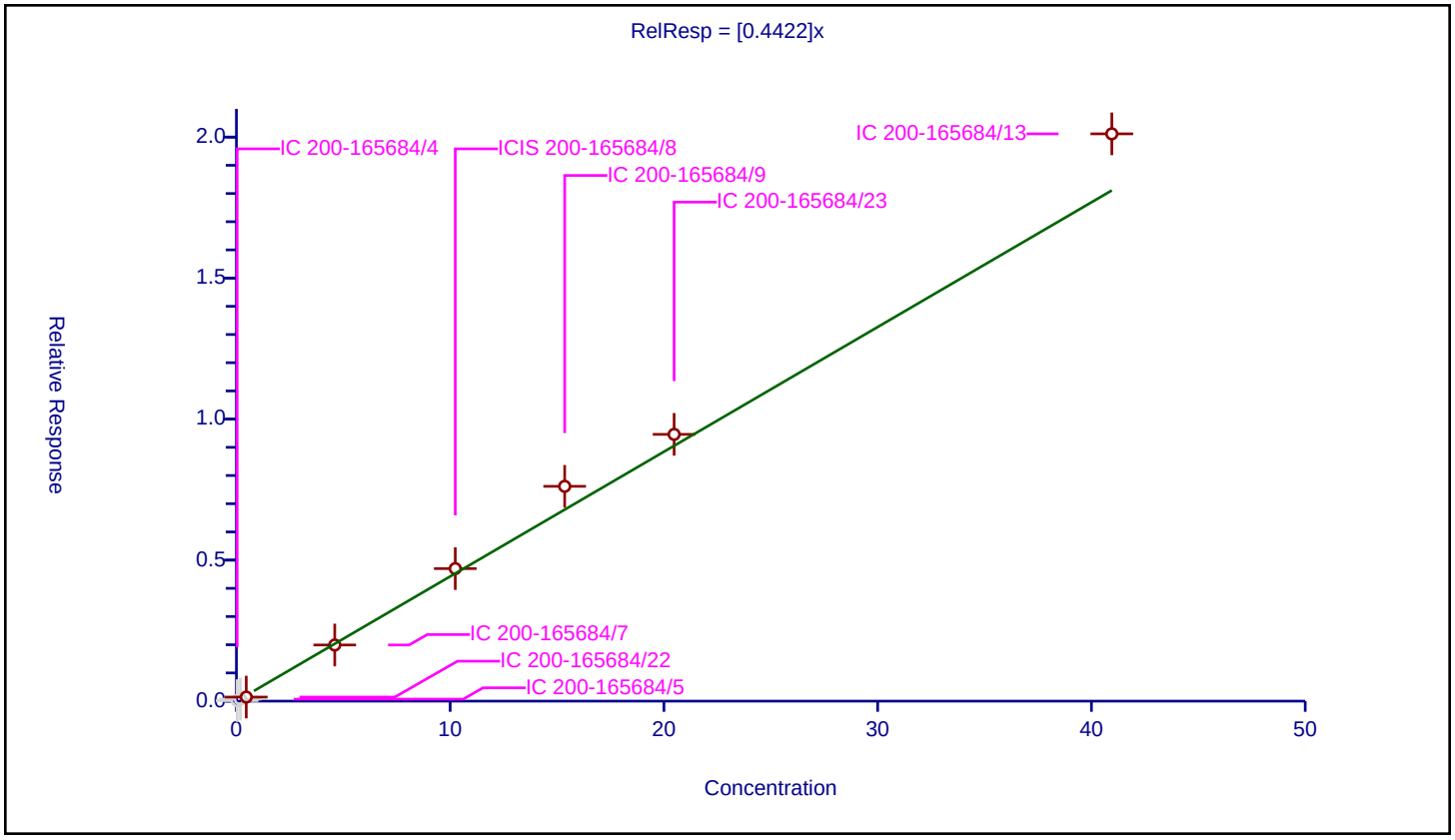
Curve Coefficients

Intercept:	0
Slope:	0.4422

Error Coefficients

Standard Error:	468000
Relative Standard Error:	15.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035919	0.017921	10.0	402888.0	0.49892	N
2	IC 200-165684/5	0.184725	0.070887	10.0	398101.0	0.38374	N
3	IC 200-165684/22	0.460115	0.143733	10.0	320038.0	0.312385	Y
4	IC 200-165684/7	4.601146	1.990772	10.0	333348.0	0.432669	Y
5	ICIS 200-165684/8	10.238013	4.6993	10.0	389092.0	0.459005	Y
6	IC 200-165684/9	15.35702	7.616844	10.0	391548.0	0.495985	Y
7	IC 200-165684/23	20.476027	9.459076	10.0	429820.0	0.461959	Y
8	IC 200-165684/13	40.952053	20.115038	10.0	445506.0	0.491185	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

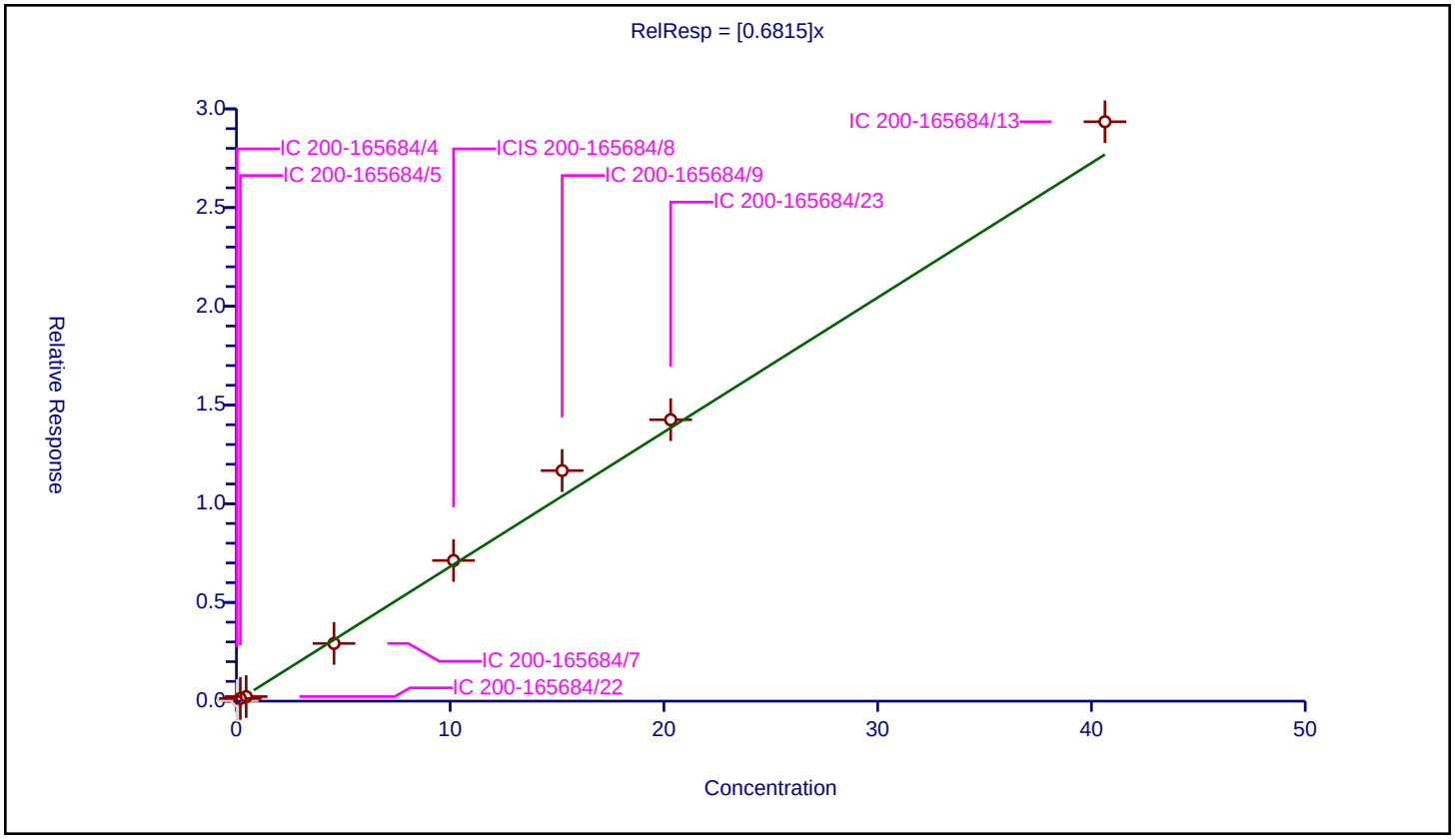
Curve Coefficients

Intercept:	0
Slope:	0.6815

Error Coefficients

Standard Error:	505000
Relative Standard Error:	12.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035638	0.026651	10.0	310302.0	0.747835	N
2	IC 200-165684/5	0.183282	0.134112	10.0	304597.0	0.731723	Y
3	IC 200-165684/22	0.45652	0.231249	10.0	267893.0	0.506548	Y
4	IC 200-165684/7	4.5652	2.922293	10.0	282819.0	0.640124	Y
5	ICIS 200-165684/8	10.158029	7.125312	10.0	308750.0	0.701446	Y
6	IC 200-165684/9	15.237043	11.679053	10.0	307334.0	0.766491	Y
7	IC 200-165684/23	20.316058	14.25511	10.0	341413.0	0.701667	Y
8	IC 200-165684/13	40.632115	29.35025	10.0	358769.0	0.722341	Y



Calibration / n-Octane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

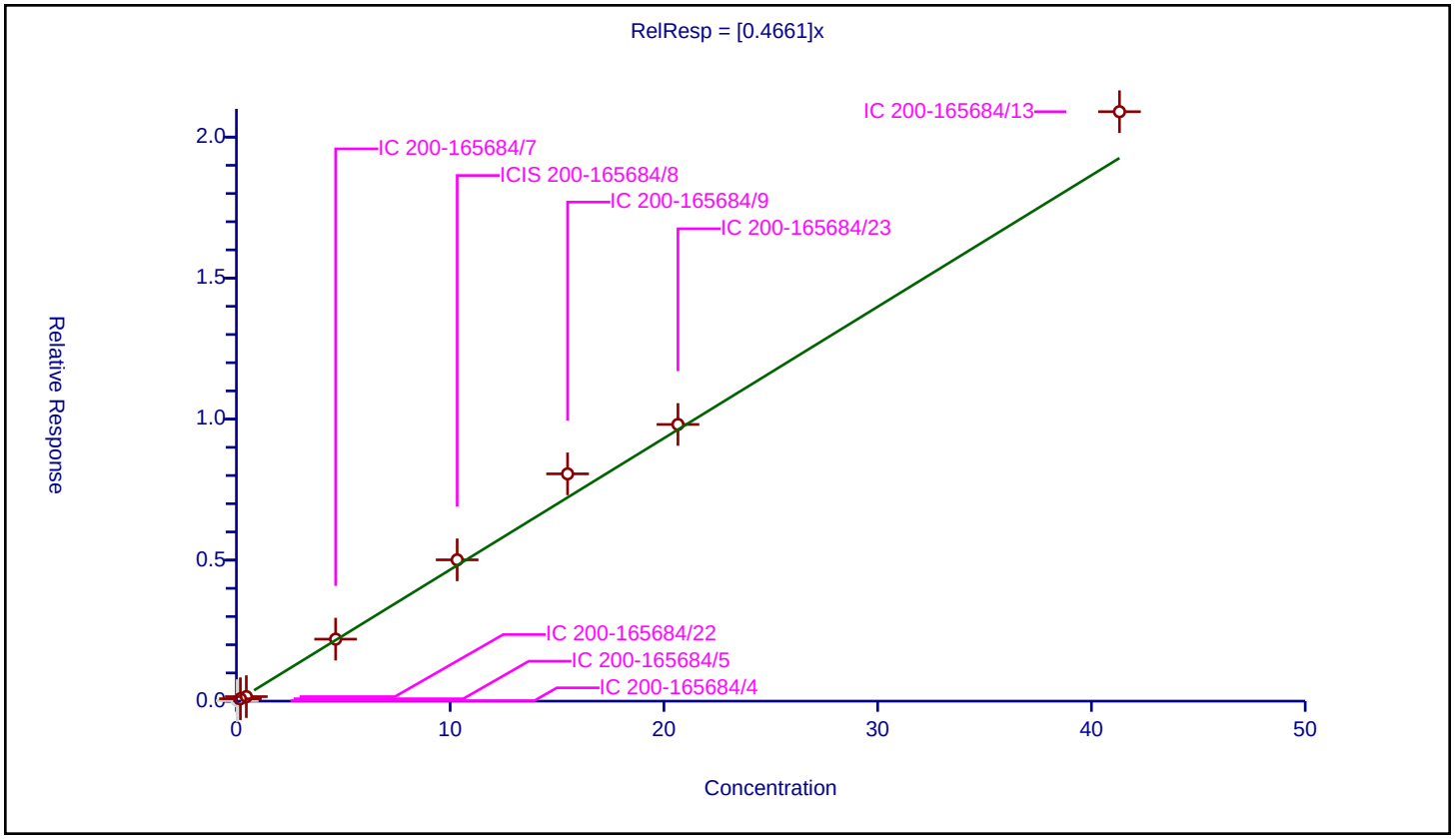
Curve Coefficients

Intercept:	0
Slope:	0.4661

Error Coefficients

Standard Error:	445000
Relative Standard Error:	12.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036234	0.016258	10.0	402888.0	0.448678	N
2	IC 200-165684/5	0.186349	0.085355	10.0	398101.0	0.45804	Y
3	IC 200-165684/22	0.464159	0.1602	10.0	320038.0	0.34514	Y
4	IC 200-165684/7	4.641586	2.198333	10.0	333348.0	0.473617	Y
5	ICIS 200-165684/8	10.327996	5.010512	10.0	389092.0	0.485139	Y
6	IC 200-165684/9	15.491994	8.058782	10.0	391548.0	0.52019	Y
7	IC 200-165684/23	20.655992	9.810781	10.0	429820.0	0.474961	Y
8	IC 200-165684/13	41.311983	20.900684	10.0	445506.0	0.505923	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

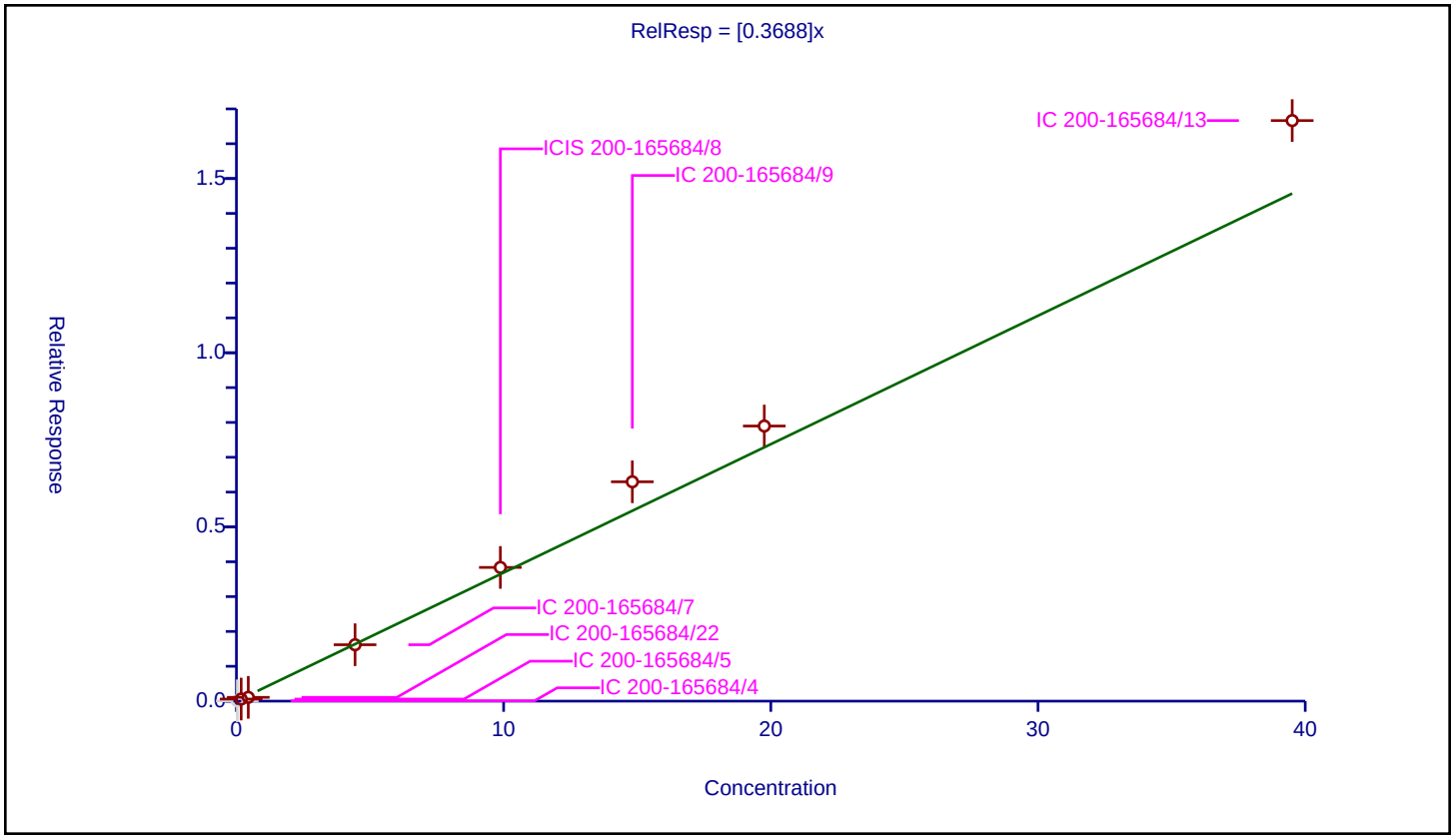
Curve Coefficients

Intercept:	0
Slope:	0.3688

Error Coefficients

Standard Error:	354000
Relative Standard Error:	17.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.034656	0.008935	10.0	402888.0	0.257834	N
2	IC 200-165684/5	0.178231	0.059909	10.0	398101.0	0.336134	Y
3	IC 200-165684/22	0.443939	0.109018	10.0	320038.0	0.245571	Y
4	IC 200-165684/7	4.439387	1.618729	10.0	333348.0	0.364629	Y
5	ICIS 200-165684/8	9.878083	3.838013	10.0	389092.0	0.388538	Y
6	IC 200-165684/9	14.817125	6.29624	10.0	391548.0	0.42493	Y
7	IC 200-165684/23	19.756166	7.897166	10.0	429820.0	0.399732	Y
8	IC 200-165684/13	39.512333	16.664085	10.0	445506.0	0.421744	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

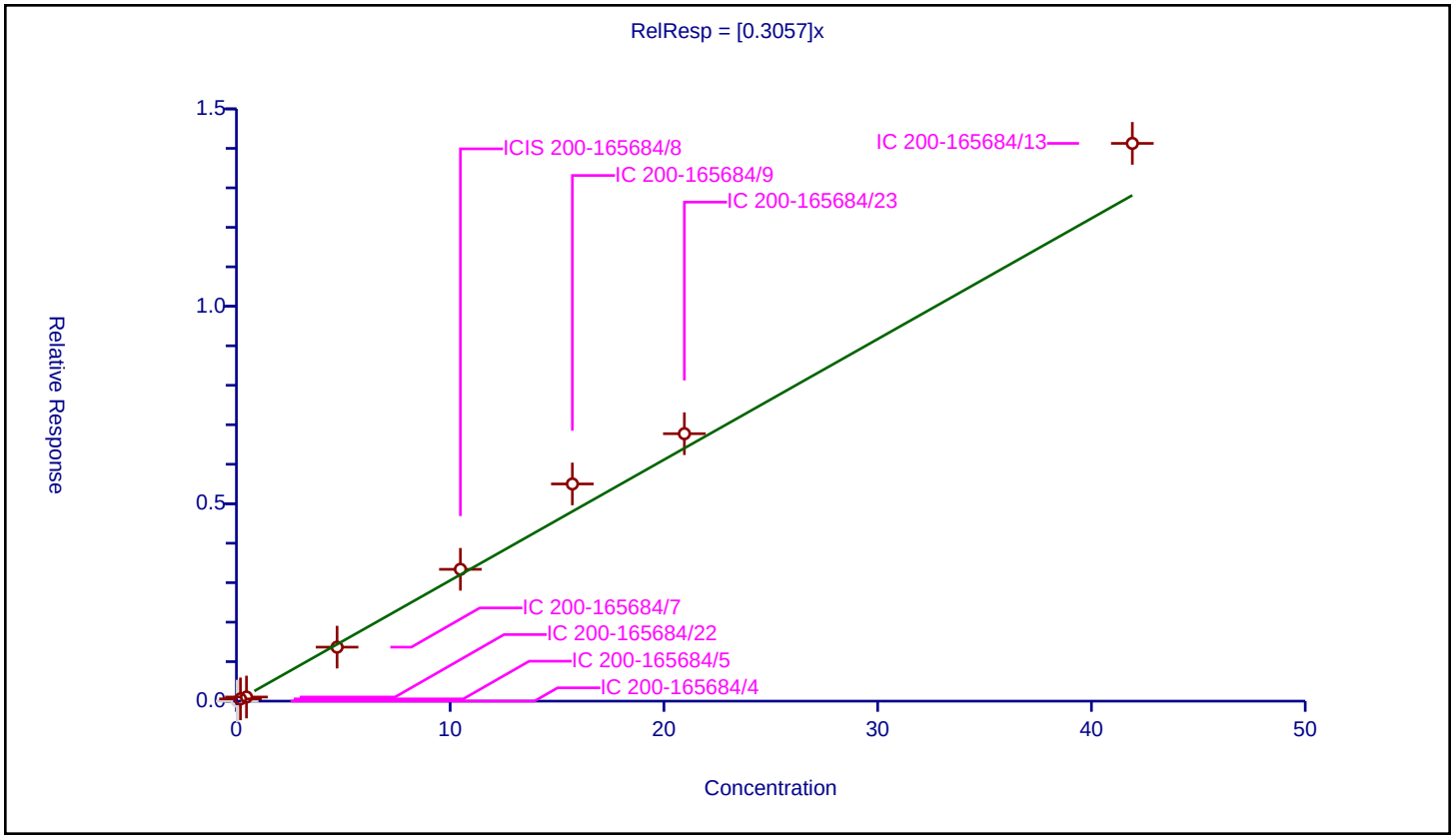
Curve Coefficients

Intercept:	0
Slope:	0.3057

Error Coefficients

Standard Error:	242000
Relative Standard Error:	14.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036761	0.0	10.0	310302.0	0.0	N
2	IC 200-165684/5	0.189055	0.056665	10.0	304597.0	0.299728	Y
3	IC 200-165684/22	0.470899	0.103885	10.0	267893.0	0.22061	Y
4	IC 200-165684/7	4.708985	1.367765	10.0	282819.0	0.290459	Y
5	ICIS 200-165684/8	10.477967	3.338947	10.0	308750.0	0.318664	Y
6	IC 200-165684/9	15.71695	5.501051	10.0	307334.0	0.350008	Y
7	IC 200-165684/23	20.955934	6.773673	10.0	341413.0	0.323234	Y
8	IC 200-165684/13	41.911867	14.126555	10.0	358769.0	0.337054	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

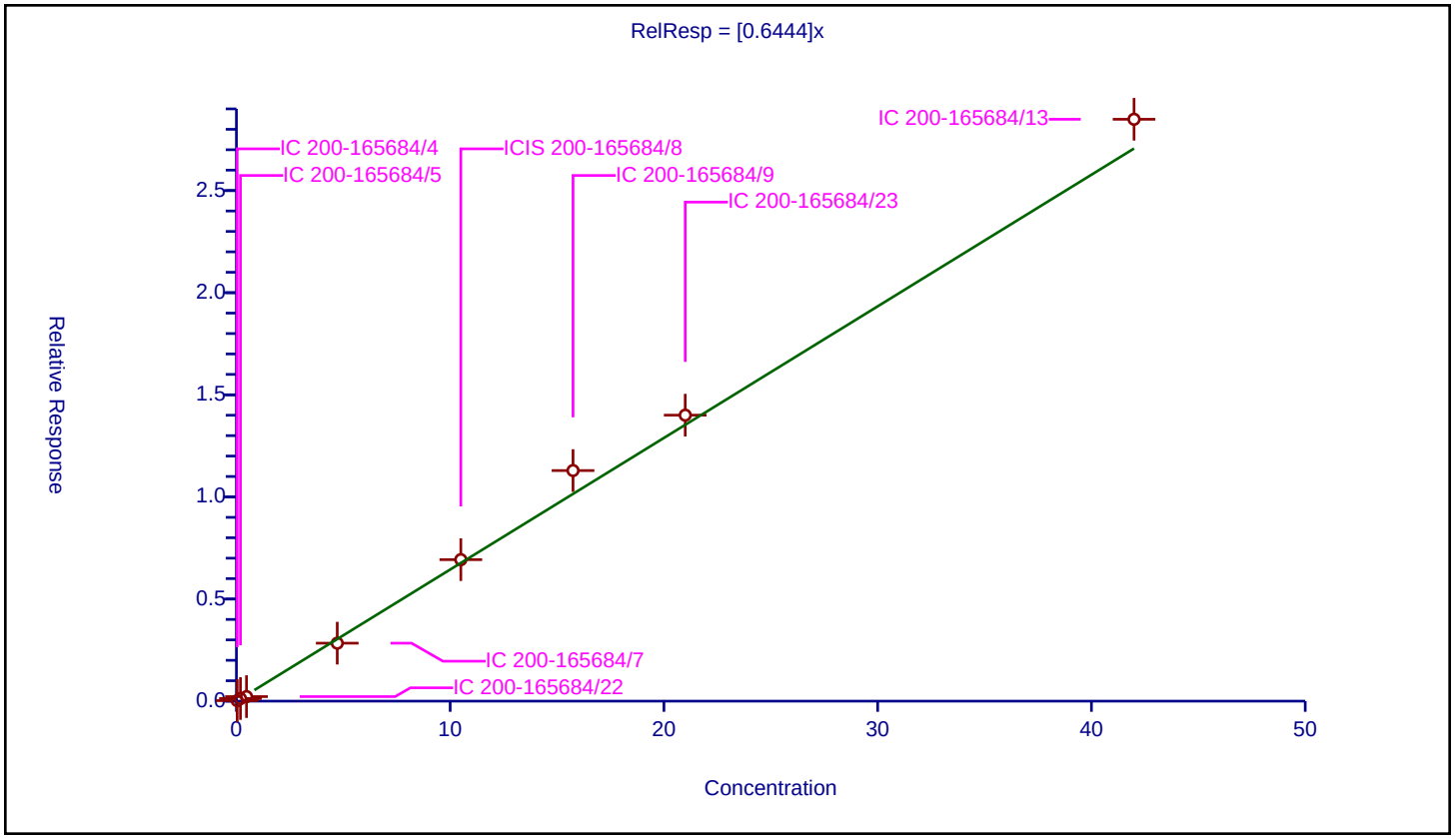
Curve Coefficients

Intercept:	0
Slope:	0.6444

Error Coefficients

Standard Error:	454000
Relative Standard Error:	12.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036831	0.02504	10.0	310302.0	0.679869	Y
2	IC 200-165684/5	0.189415	0.129023	10.0	304597.0	0.681164	Y
3	IC 200-165684/22	0.471797	0.221842	10.0	267893.0	0.470207	Y
4	IC 200-165684/7	4.717972	2.837964	10.0	282819.0	0.601522	Y
5	ICIS 200-165684/8	10.497963	6.928291	10.0	308750.0	0.659965	Y
6	IC 200-165684/9	15.746944	11.290973	10.0	307334.0	0.717026	Y
7	IC 200-165684/23	20.995926	14.002806	10.0	341413.0	0.66693	Y
8	IC 200-165684/13	41.991852	28.491118	10.0	358769.0	0.678492	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

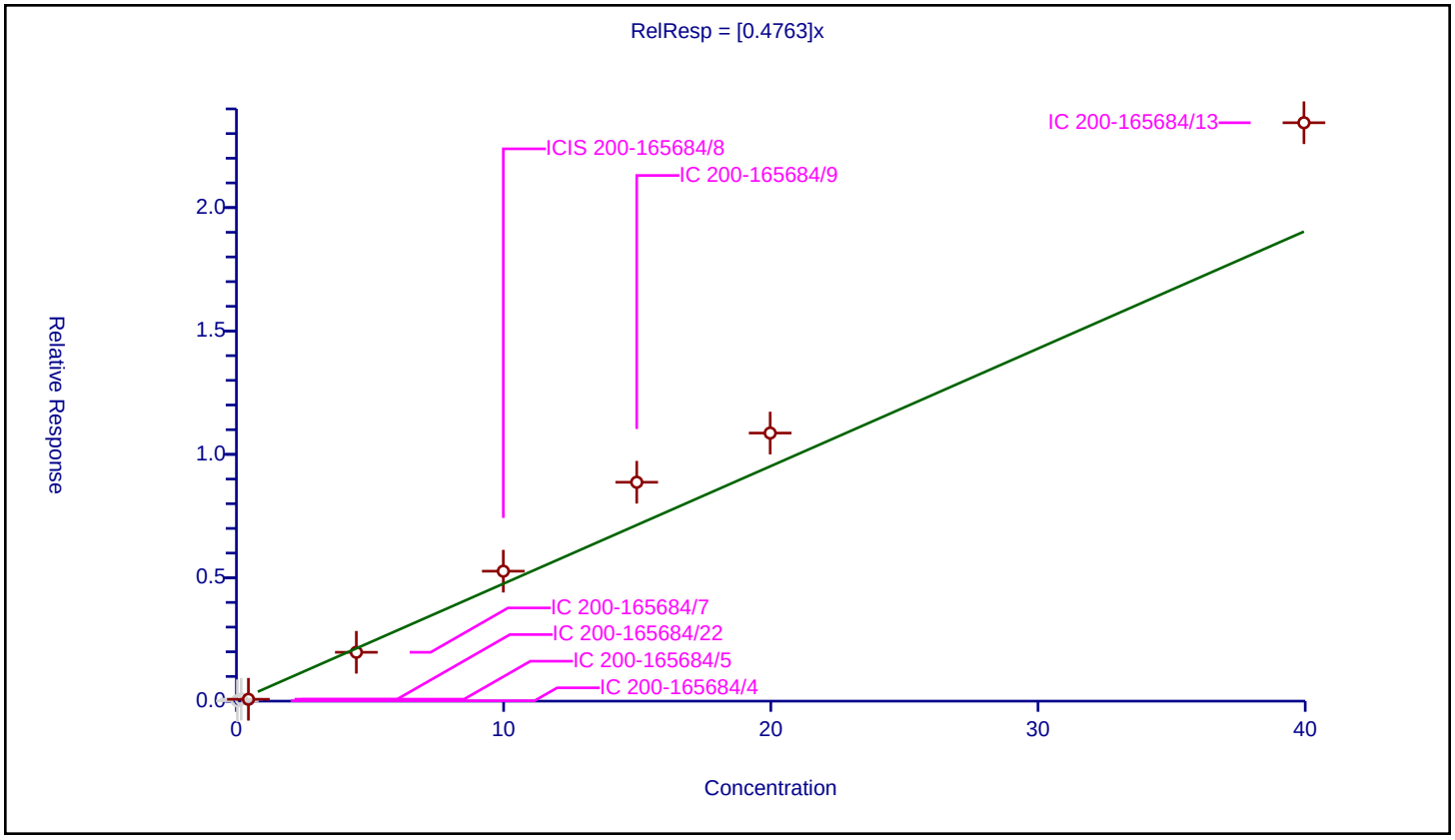
Curve Coefficients

Intercept:	0
Slope:	0.4763

Error Coefficients

Standard Error:	436000
Relative Standard Error:	33.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.908

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035042	0.015308	10.0	310302.0	0.436839	N
2	IC 200-165684/5	0.180215	0.080467	10.0	304597.0	0.446505	N
3	IC 200-165684/22	0.448881	0.074843	10.0	267893.0	0.166733	Y
4	IC 200-165684/7	4.488813	1.979464	10.0	282819.0	0.440977	Y
5	ICIS 200-165684/8	9.988062	5.266526	10.0	308750.0	0.527282	Y
6	IC 200-165684/9	14.982093	8.870642	10.0	307334.0	0.592083	Y
7	IC 200-165684/23	19.976124	10.863558	10.0	341413.0	0.543827	Y
8	IC 200-165684/13	39.952247	23.438898	10.0	358769.0	0.586673	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

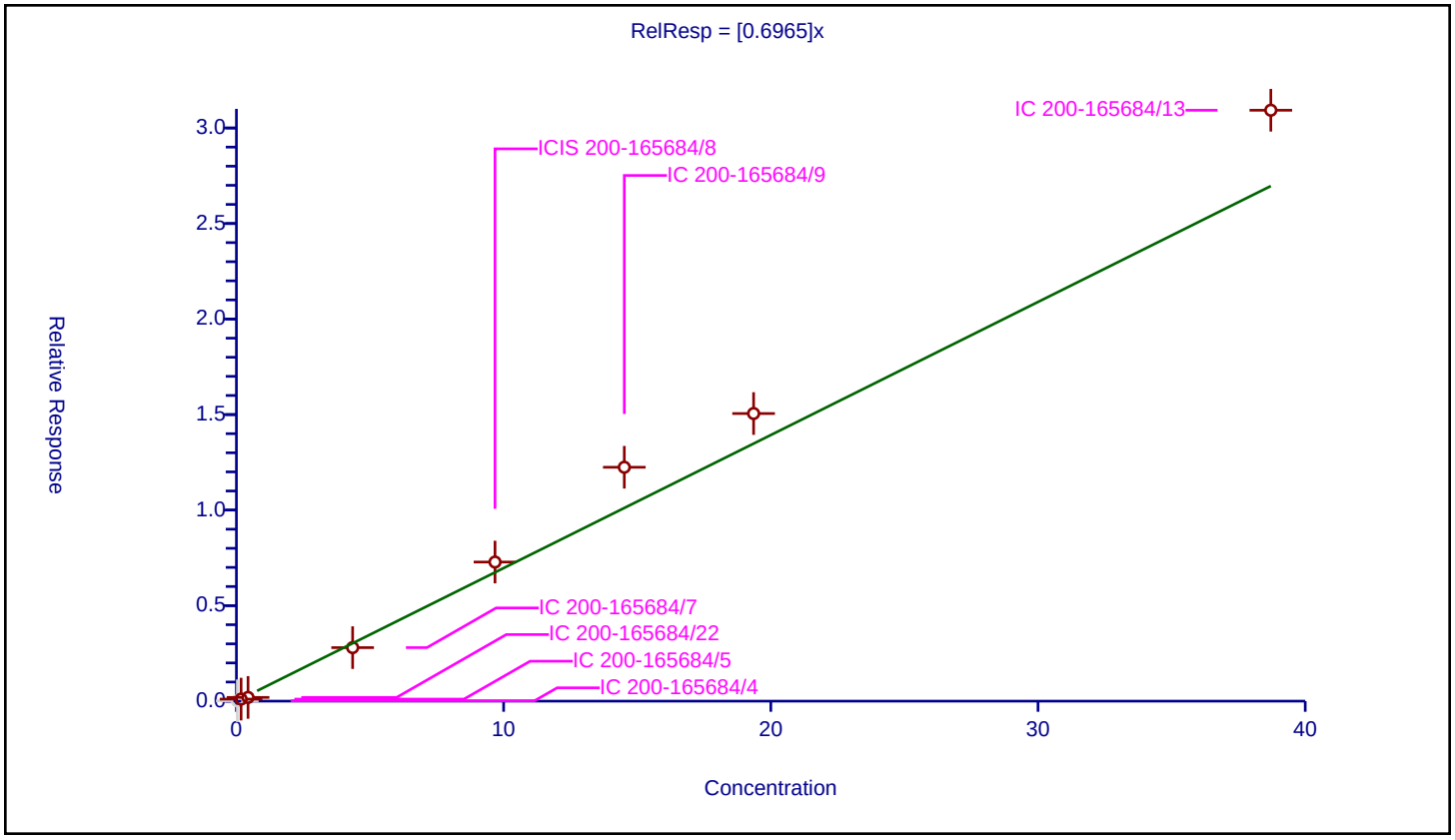
Curve Coefficients

Intercept:	0
Slope:	0.6965

Error Coefficients

Standard Error:	531000
Relative Standard Error:	19.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.033954	0.018949	10.0	310302.0	0.558079	N
2	IC 200-165684/5	0.174623	0.106698	10.0	304597.0	0.611021	Y
3	IC 200-165684/22	0.434952	0.194779	10.0	267893.0	0.447818	Y
4	IC 200-165684/7	4.349521	2.801933	10.0	282819.0	0.644194	Y
5	ICIS 200-165684/8	9.678122	7.280097	10.0	308750.0	0.752222	Y
6	IC 200-165684/9	14.517183	12.242219	10.0	307334.0	0.843292	Y
7	IC 200-165684/23	19.356244	15.054582	10.0	341413.0	0.777764	Y
8	IC 200-165684/13	38.712488	30.92848	10.0	358769.0	0.798928	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

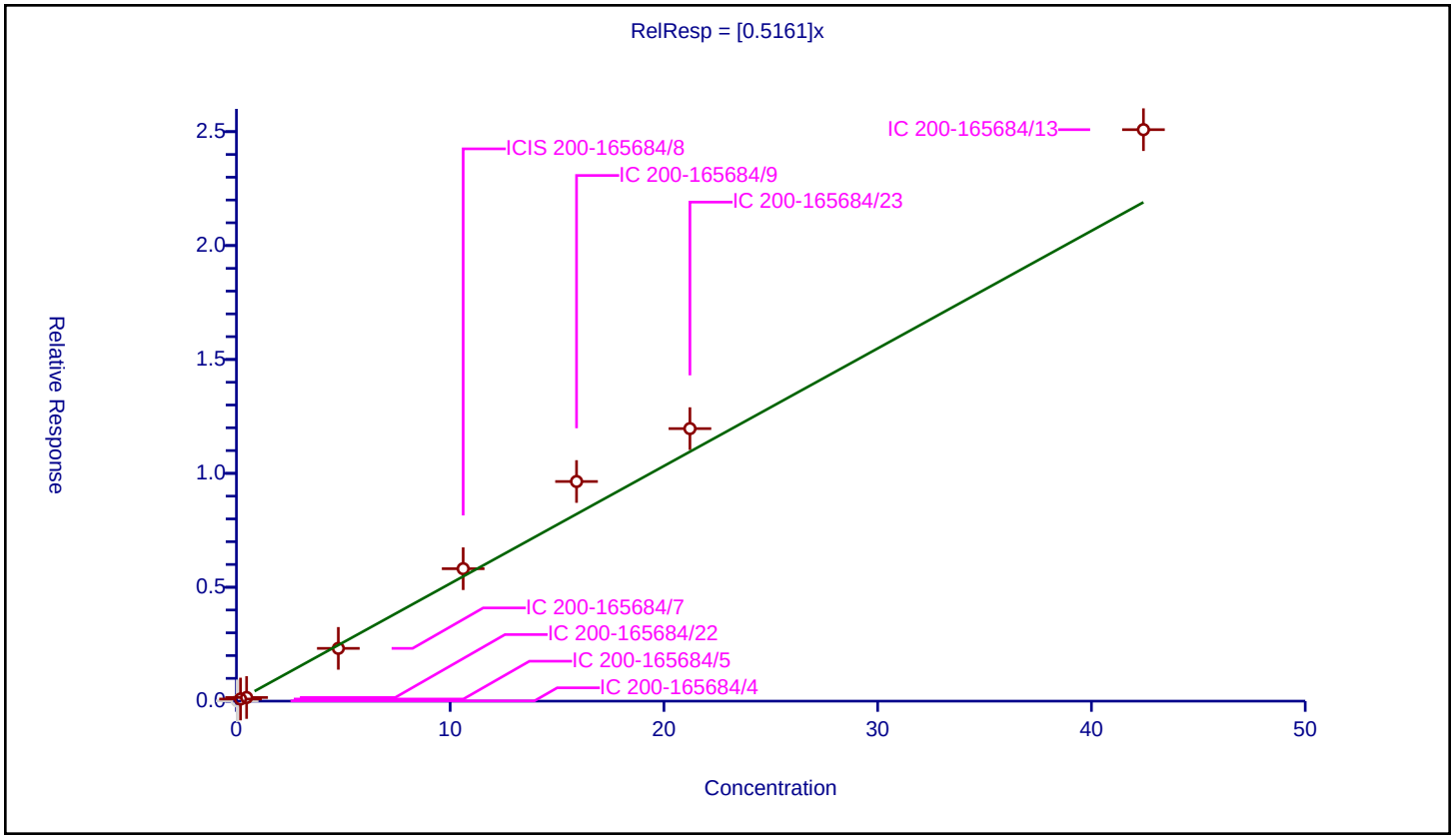
Curve Coefficients

Intercept:	0
Slope:	0.5161

Error Coefficients

Standard Error:	428000
Relative Standard Error:	18.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.037217	0.011537	10.0	310302.0	0.31	N
2	IC 200-165684/5	0.1914	0.092417	10.0	304597.0	0.482849	Y
3	IC 200-165684/22	0.47674	0.159691	10.0	267893.0	0.334964	Y
4	IC 200-165684/7	4.767398	2.316853	10.0	282819.0	0.485978	Y
5	ICIS 200-165684/8	10.607942	5.814089	10.0	308750.0	0.548088	Y
6	IC 200-165684/9	15.911912	9.641725	10.0	307334.0	0.605944	Y
7	IC 200-165684/23	21.215883	11.964424	10.0	341413.0	0.563937	Y
8	IC 200-165684/13	42.431766	25.087954	10.0	358769.0	0.591254	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

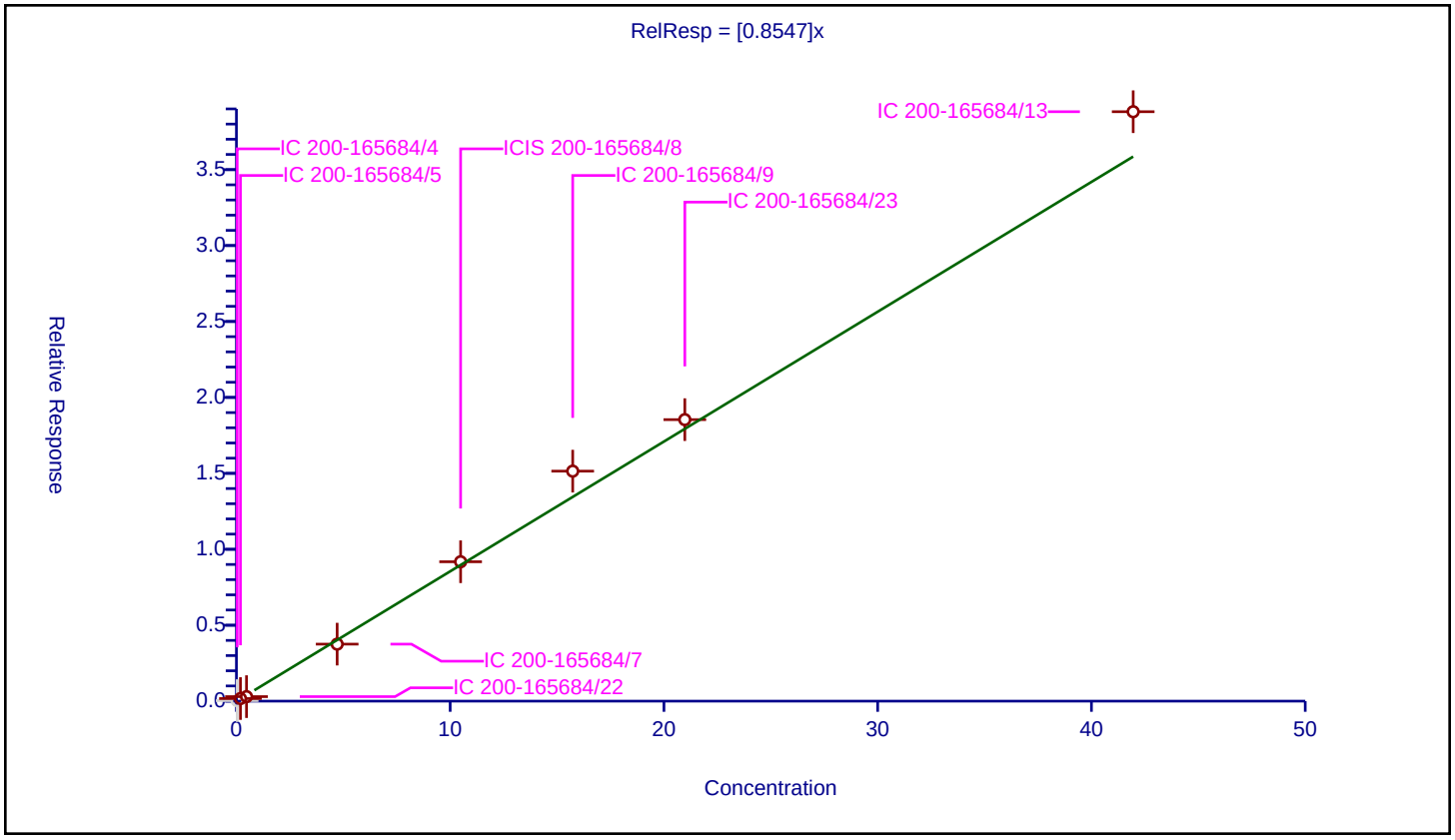
Curve Coefficients

Intercept:	0
Slope:	0.8547

Error Coefficients

Standard Error:	664000
Relative Standard Error:	13.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036796	0.033935	10.0	310302.0	0.922246	N
2	IC 200-165684/5	0.189235	0.171834	10.0	304597.0	0.908043	Y
3	IC 200-165684/22	0.471348	0.29788	10.0	267893.0	0.631975	Y
4	IC 200-165684/7	4.713479	3.753531	10.0	282819.0	0.79634	Y
5	ICIS 200-165684/8	10.487965	9.178591	10.0	308750.0	0.875155	Y
6	IC 200-165684/9	15.731947	15.144956	10.0	307334.0	0.962688	Y
7	IC 200-165684/23	20.97593	18.538339	10.0	341413.0	0.883791	Y
8	IC 200-165684/13	41.951859	38.813972	10.0	358769.0	0.925203	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

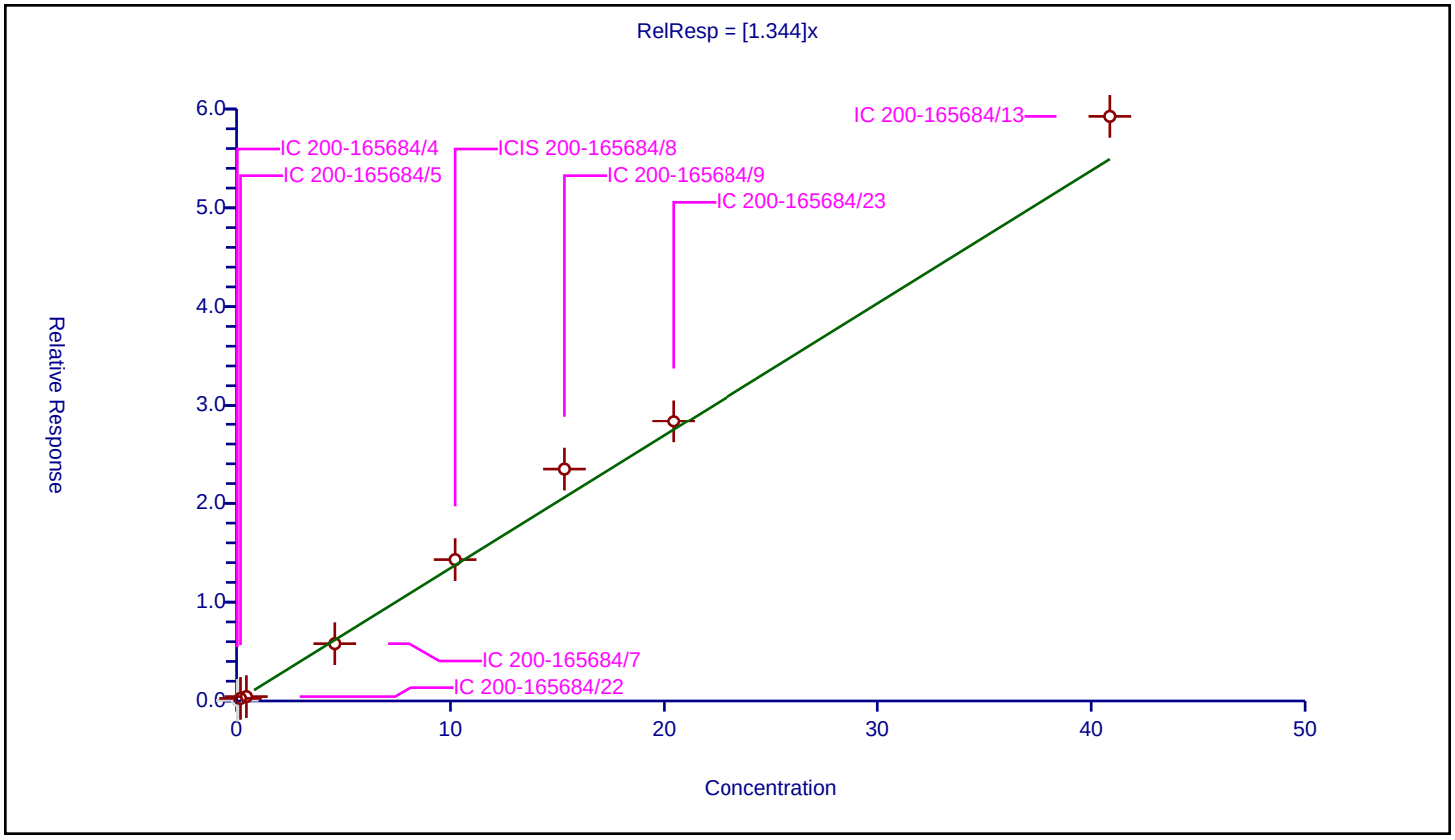
Curve Coefficients

Intercept:	0
Slope:	1.344

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	13.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035849	0.063454	10.0	310302.0	1.770062	N
2	IC 200-165684/5	0.184364	0.26041	10.0	304597.0	1.412473	Y
3	IC 200-165684/22	0.459216	0.443013	10.0	267893.0	0.964715	Y
4	IC 200-165684/7	4.592159	5.800848	10.0	282819.0	1.263207	Y
5	ICIS 200-165684/8	10.218017	14.305296	10.0	308750.0	1.400007	Y
6	IC 200-165684/9	15.327026	23.465643	10.0	307334.0	1.530998	Y
7	IC 200-165684/23	20.436034	28.34646	10.0	341413.0	1.387082	Y
8	IC 200-165684/13	40.872069	59.255705	10.0	358769.0	1.449785	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

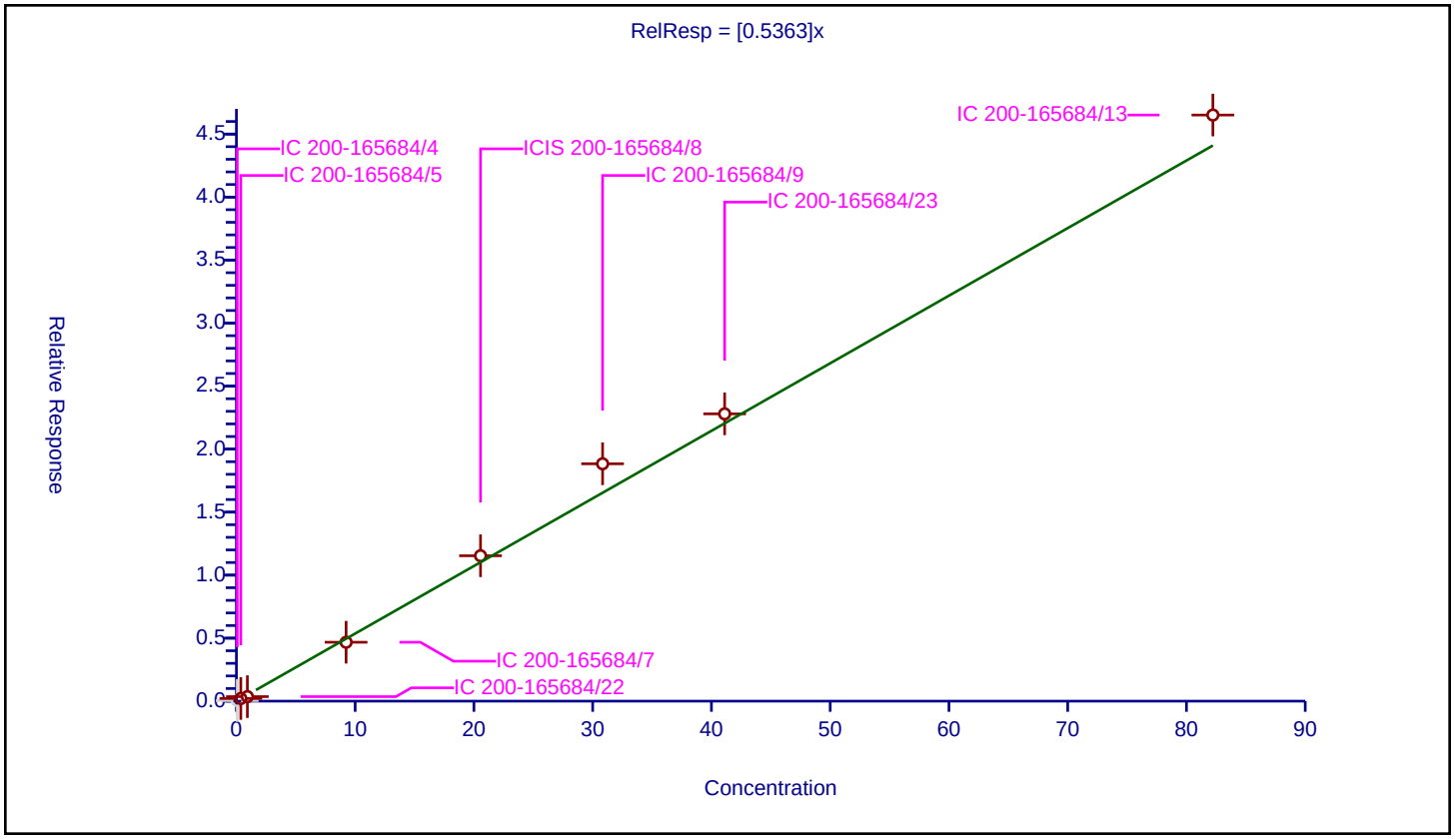
Curve Coefficients

Intercept:	0
Slope:	0.5363

Error Coefficients

Standard Error:	803000
Relative Standard Error:	13.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.072118	0.045955	10.0	310302.0	0.637221	N
2	IC 200-165684/5	0.370894	0.210212	10.0	304597.0	0.566772	Y
3	IC 200-165684/22	0.923824	0.359173	10.0	267893.0	0.38879	Y
4	IC 200-165684/7	9.238238	4.673519	10.0	282819.0	0.505889	Y
5	ICIS 200-165684/8	20.556011	11.537004	10.0	308750.0	0.561247	Y
6	IC 200-165684/9	30.834017	18.835664	10.0	307334.0	0.610873	Y
7	IC 200-165684/23	41.112022	22.799161	10.0	341413.0	0.554562	Y
8	IC 200-165684/13	82.224044	46.510819	10.0	358769.0	0.56566	Y



Calibration / n-Nonane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

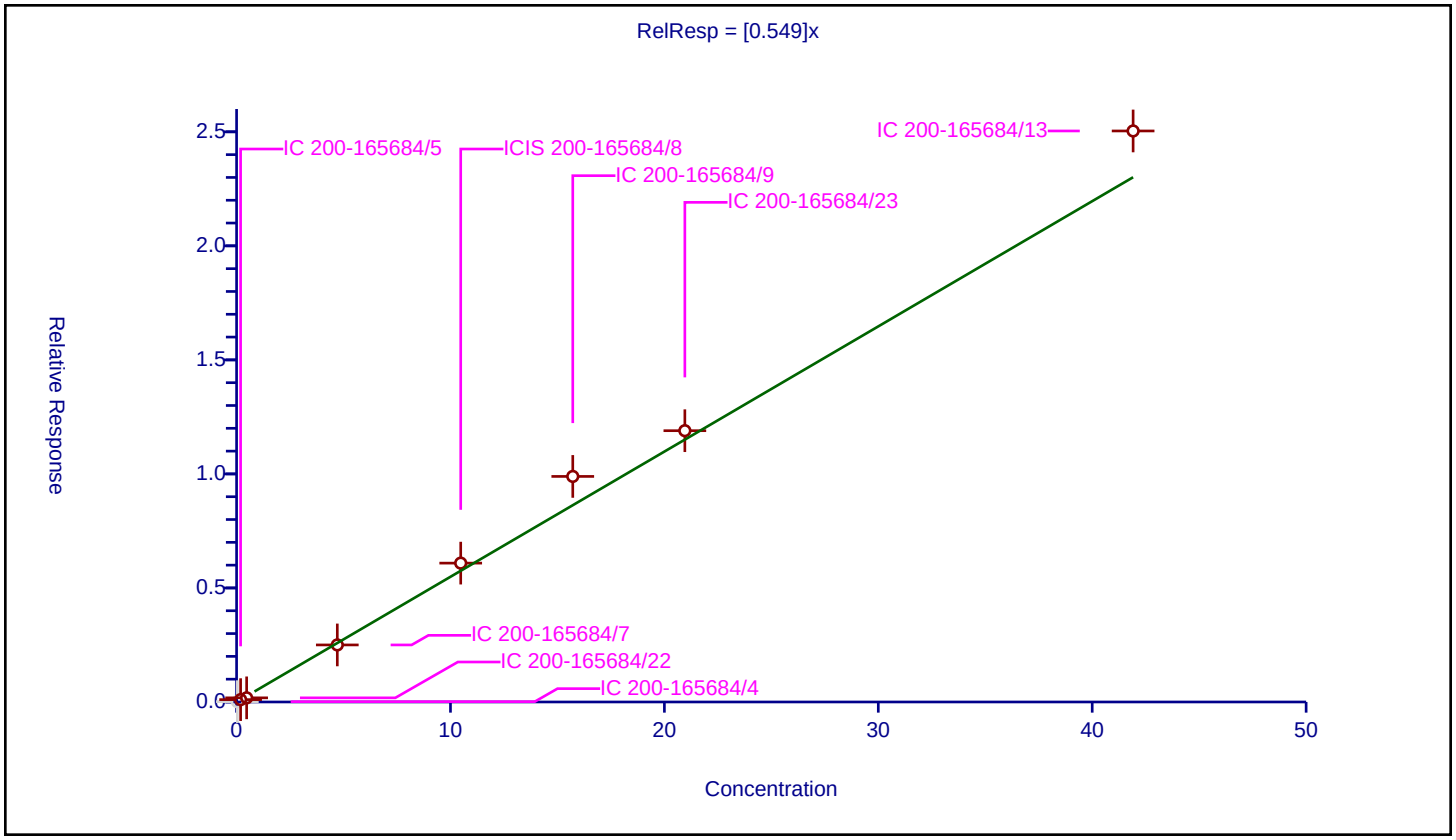
Curve Coefficients

Intercept:	0
Slope:	0.549

Error Coefficients

Standard Error:	429000
Relative Standard Error:	14.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036761	0.014019	10.0	310302.0	0.381348	N
2	IC 200-165684/5	0.189055	0.103941	10.0	304597.0	0.549791	Y
3	IC 200-165684/22	0.470899	0.181864	10.0	267893.0	0.386206	Y
4	IC 200-165684/7	4.708985	2.501741	10.0	282819.0	0.53127	Y
5	ICIS 200-165684/8	10.477967	6.089393	10.0	308750.0	0.581162	Y
6	IC 200-165684/9	15.71695	9.890217	10.0	307334.0	0.629271	Y
7	IC 200-165684/23	20.955934	11.895856	10.0	341413.0	0.567661	Y
8	IC 200-165684/13	41.911867	25.037392	10.0	358769.0	0.597382	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

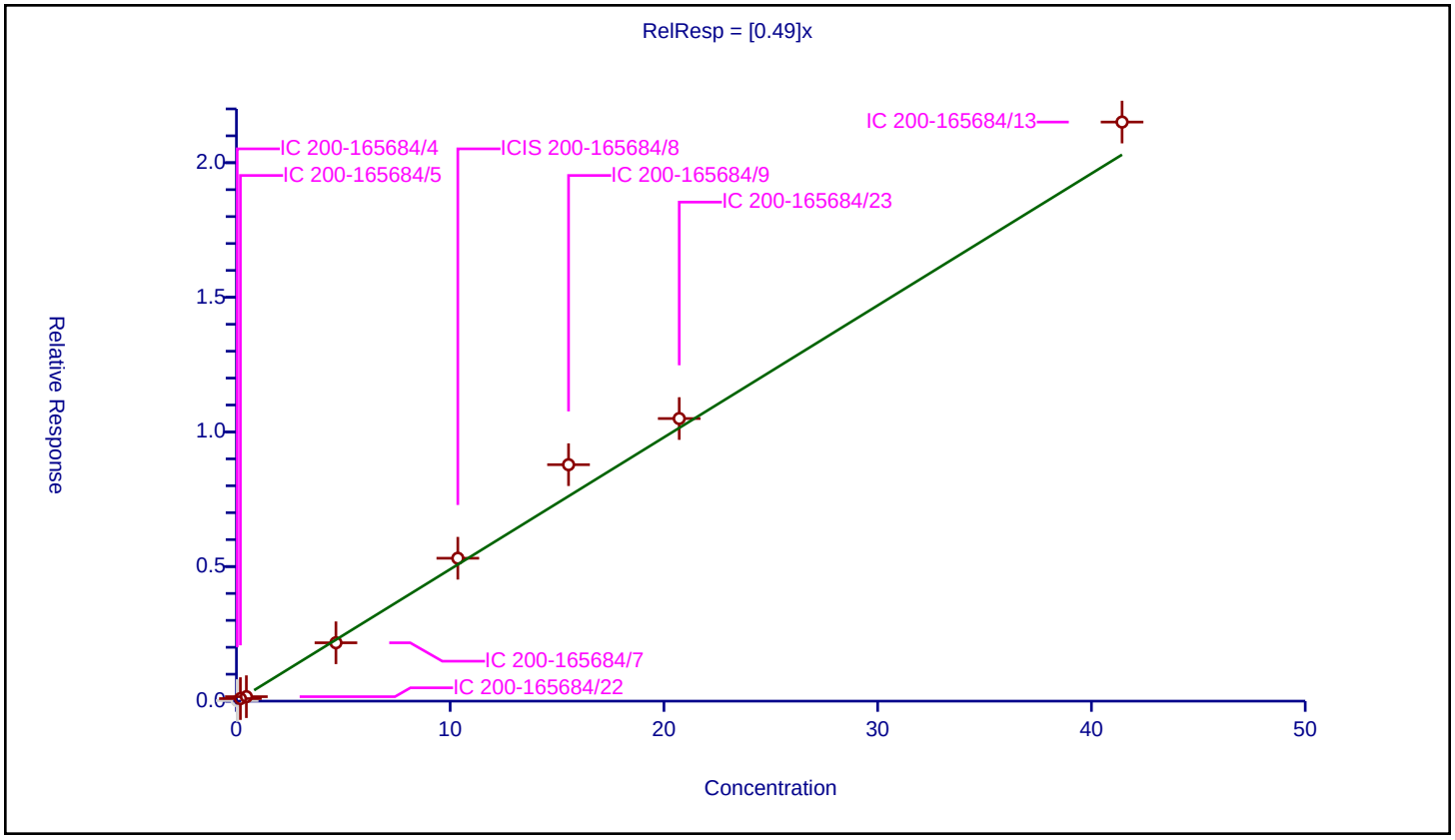
Curve Coefficients

Intercept:	0
Slope:	0.49

Error Coefficients

Standard Error:	371000
Relative Standard Error:	13.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03634	0.019787	10.0	310302.0	0.544506	N
2	IC 200-165684/5	0.18689	0.094124	10.0	304597.0	0.503635	Y
3	IC 200-165684/22	0.465507	0.165962	10.0	267893.0	0.356519	Y
4	IC 200-165684/7	4.655066	2.168171	10.0	282819.0	0.465766	Y
5	ICIS 200-165684/8	10.35799	5.308372	10.0	308750.0	0.512491	Y
6	IC 200-165684/9	15.536985	8.783571	10.0	307334.0	0.565333	Y
7	IC 200-165684/23	20.71598	10.497345	10.0	341413.0	0.506727	Y
8	IC 200-165684/13	41.43196	21.510833	10.0	358769.0	0.519185	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

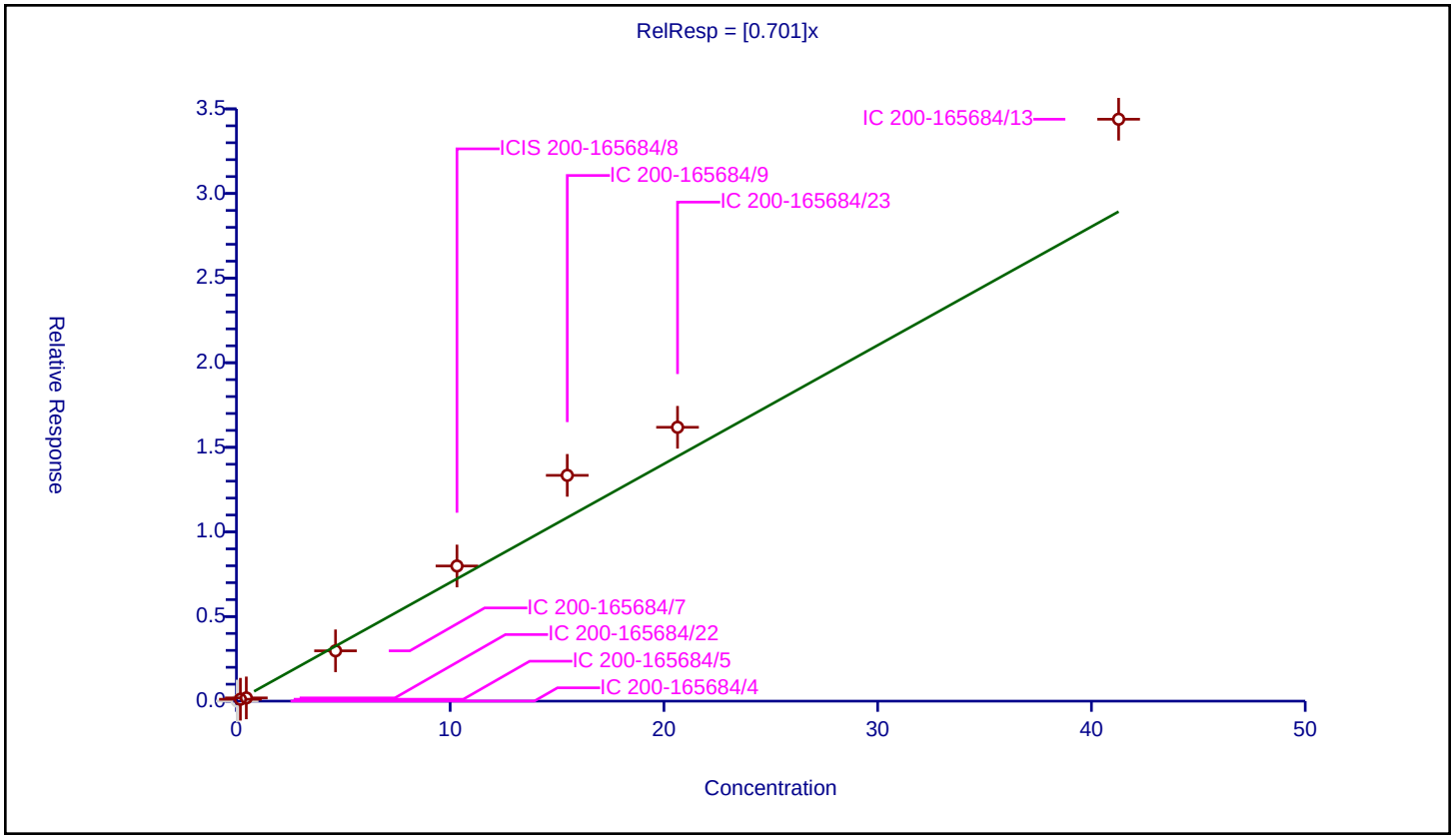
Curve Coefficients

Intercept:	0
Slope:	0.701

Error Coefficients

Standard Error:	586000
Relative Standard Error:	22.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036199	0.006091	10.0	310302.0	0.168258	N
2	IC 200-165684/5	0.186168	0.111886	10.0	304597.0	0.600991	Y
3	IC 200-165684/22	0.463709	0.190561	10.0	267893.0	0.41095	Y
4	IC 200-165684/7	4.637092	2.973457	10.0	282819.0	0.641233	Y
5	ICIS 200-165684/8	10.317998	7.986429	10.0	308750.0	0.774029	Y
6	IC 200-165684/9	15.476997	13.343952	10.0	307334.0	0.86218	Y
7	IC 200-165684/23	20.635996	16.183859	10.0	341413.0	0.784254	Y
8	IC 200-165684/13	41.271991	34.389872	10.0	358769.0	0.83325	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

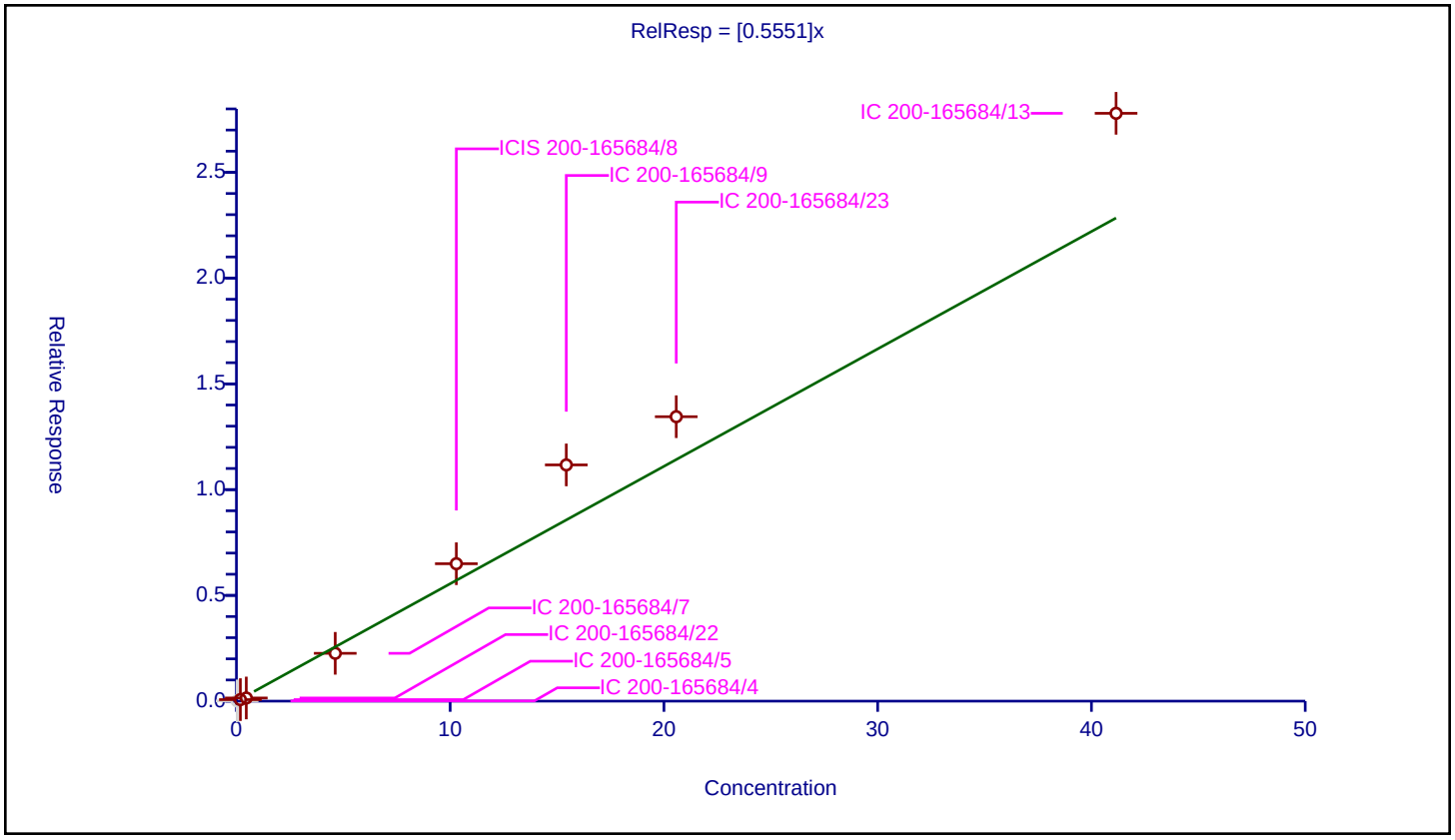
Curve Coefficients

Intercept:	0
Slope:	0.5551

Error Coefficients

Standard Error:	477000
Relative Standard Error:	27.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.929

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036094	0.010441	10.0	310302.0	0.289283	N
2	IC 200-165684/5	0.185627	0.072194	10.0	304597.0	0.388918	Y
3	IC 200-165684/22	0.462361	0.149575	10.0	267893.0	0.323502	Y
4	IC 200-165684/7	4.623612	2.260562	10.0	282819.0	0.488917	Y
5	ICIS 200-165684/8	10.288004	6.497263	10.0	308750.0	0.631538	Y
6	IC 200-165684/9	15.432005	11.167817	10.0	307334.0	0.723679	Y
7	IC 200-165684/23	20.576007	13.448141	10.0	341413.0	0.653584	Y
8	IC 200-165684/13	41.152014	27.791504	10.0	358769.0	0.675338	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

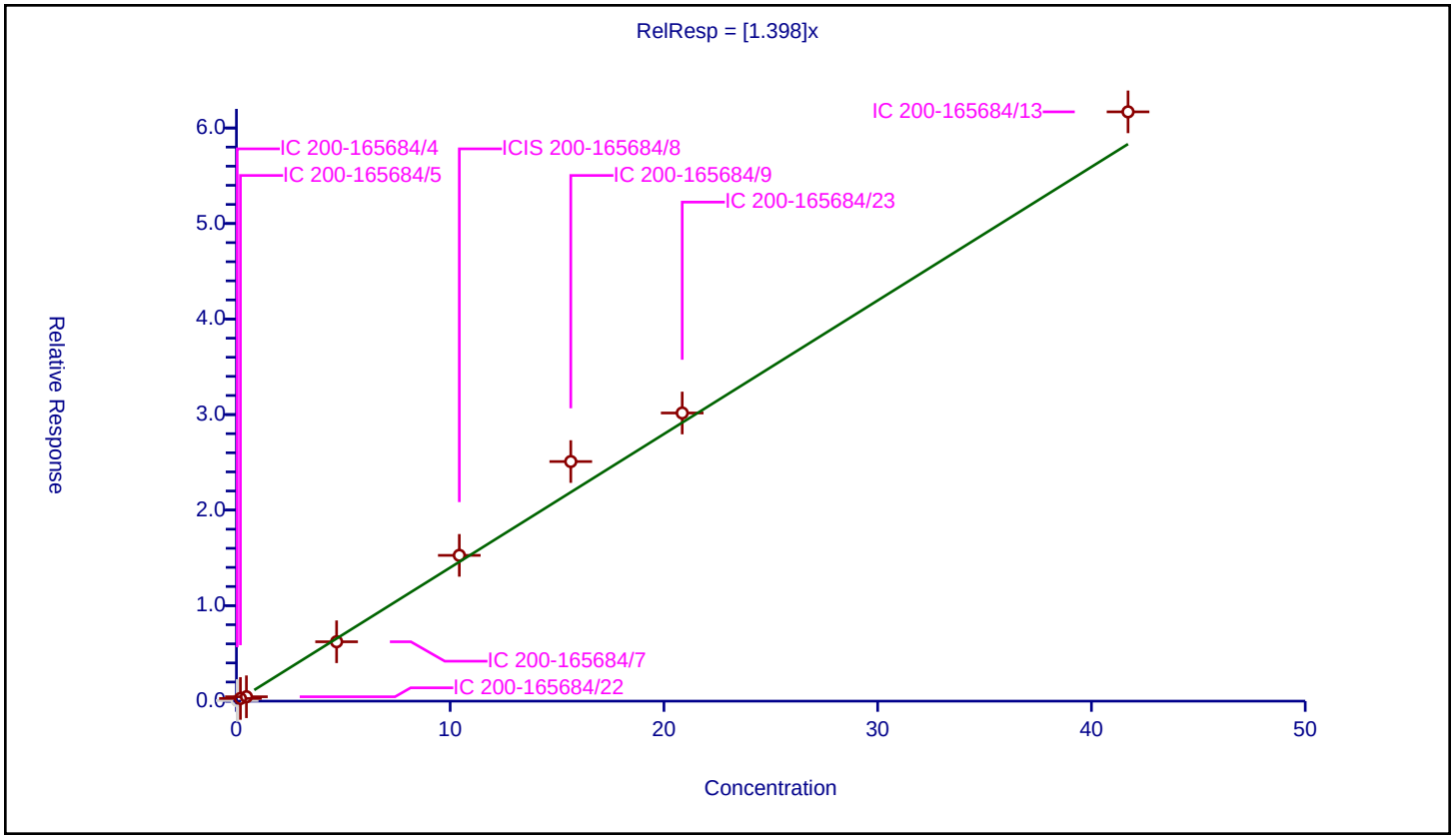
Curve Coefficients

Intercept:	0
Slope:	1.398

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	14.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036585	0.0631	10.0	310302.0	1.724734	N
2	IC 200-165684/5	0.188153	0.280272	10.0	304597.0	1.489598	Y
3	IC 200-165684/22	0.468652	0.458728	10.0	267893.0	0.978824	Y
4	IC 200-165684/7	4.686519	6.216838	10.0	282819.0	1.326537	Y
5	ICIS 200-165684/8	10.427976	15.261992	10.0	308750.0	1.463562	Y
6	IC 200-165684/9	15.641965	25.081995	10.0	307334.0	1.603507	Y
7	IC 200-165684/23	20.855953	30.163468	10.0	341413.0	1.446276	Y
8	IC 200-165684/13	41.711906	61.69014	10.0	358769.0	1.478958	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

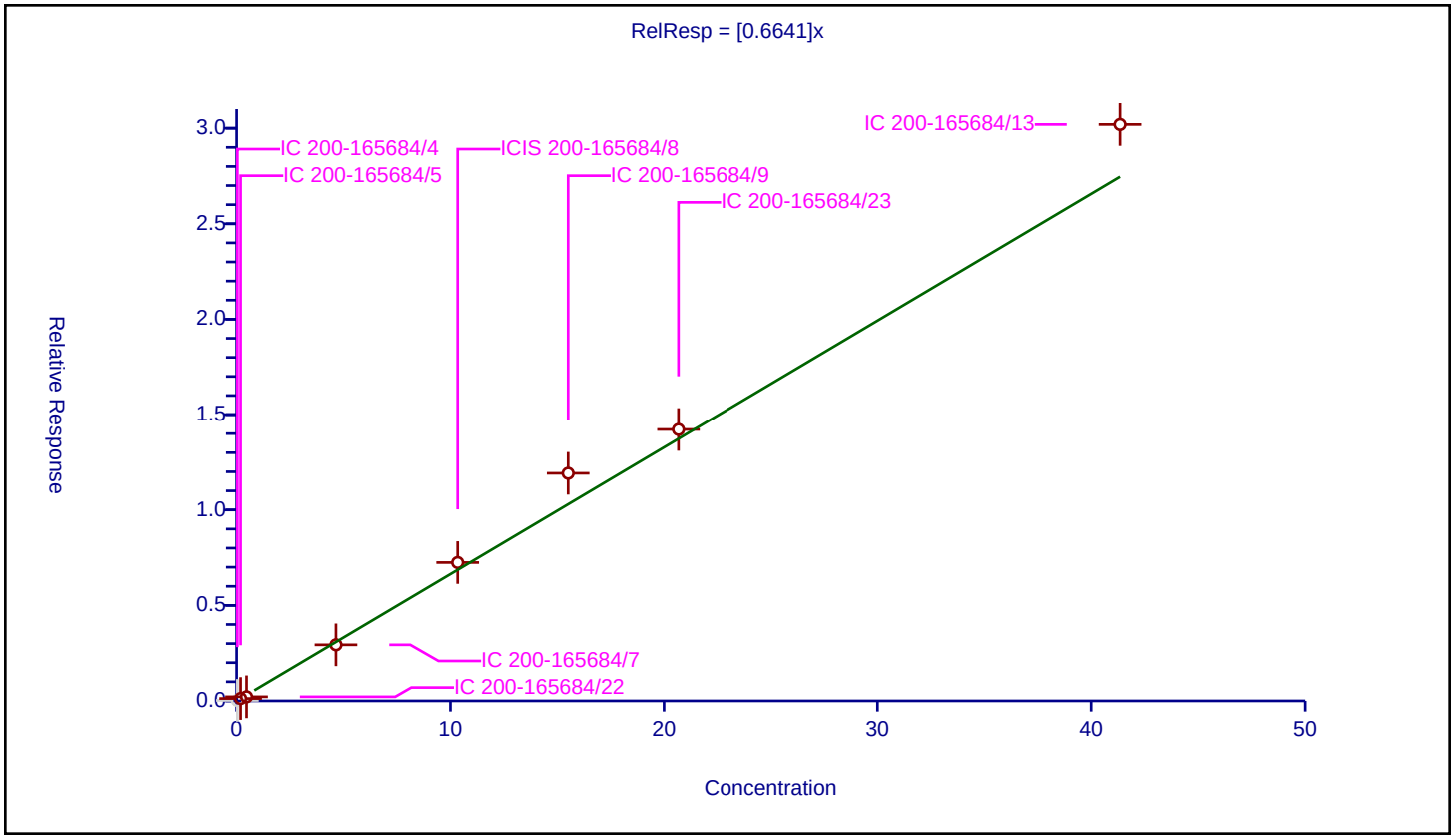
Curve Coefficients

Intercept:	0
Slope:	0.6641

Error Coefficients

Standard Error:	516000
Relative Standard Error:	15.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03627	0.025749	10.0	310302.0	0.709937	N
2	IC 200-165684/5	0.186529	0.124788	10.0	304597.0	0.668999	Y
3	IC 200-165684/22	0.464608	0.213817	10.0	267893.0	0.460209	Y
4	IC 200-165684/7	4.646079	2.9358	10.0	282819.0	0.631888	Y
5	ICIS 200-165684/8	10.337994	7.245441	10.0	308750.0	0.700856	Y
6	IC 200-165684/9	15.506991	11.922339	10.0	307334.0	0.768836	Y
7	IC 200-165684/23	20.675988	14.219025	10.0	341413.0	0.687707	Y
8	IC 200-165684/13	41.351976	30.198094	10.0	358769.0	0.73027	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

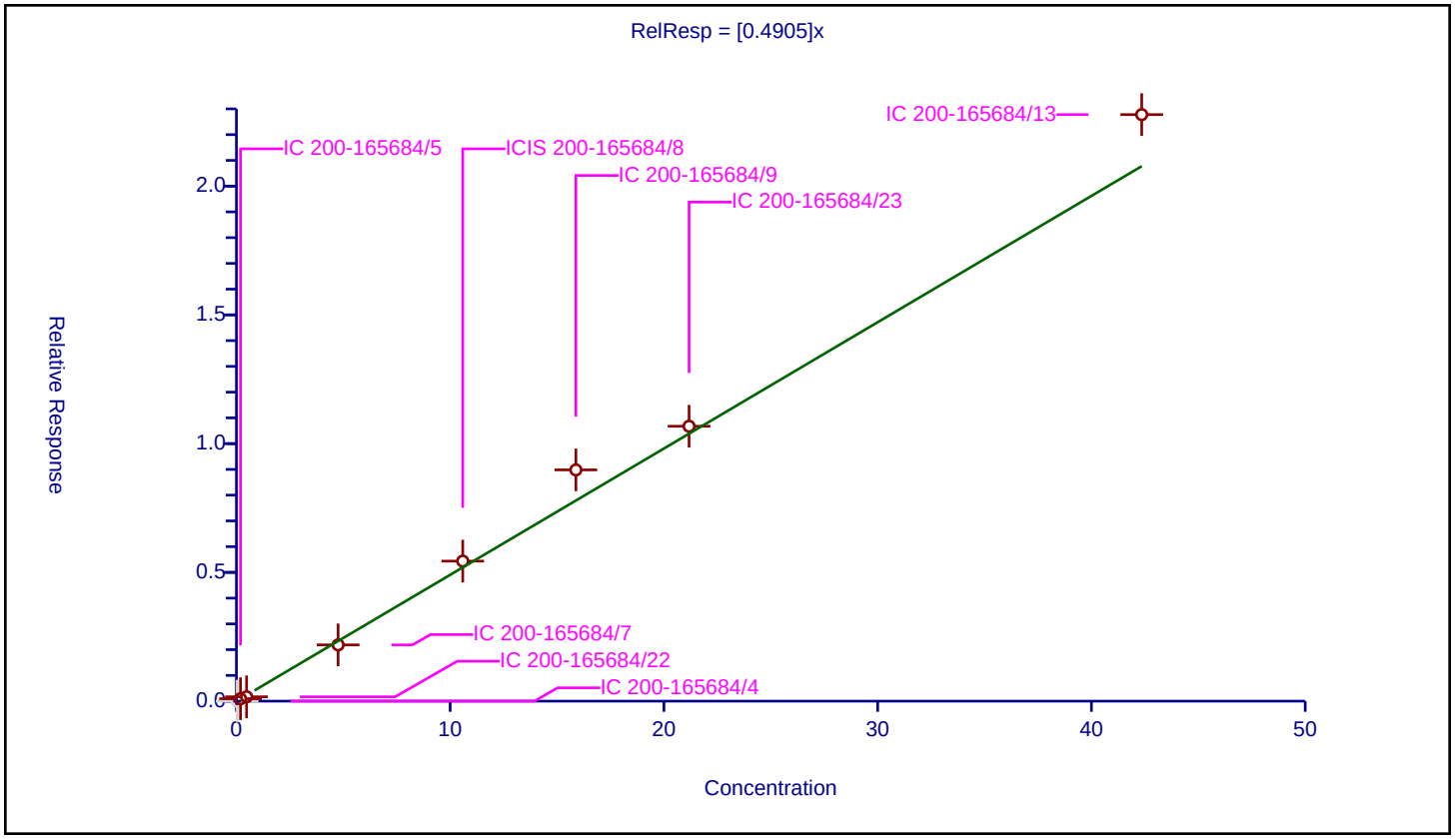
Curve Coefficients

Intercept:	0
Slope:	0.4905

Error Coefficients

Standard Error:	389000
Relative Standard Error:	13.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.037146	0.0	10.0	310302.0	0.0	N
2	IC 200-165684/5	0.191039	0.095076	10.0	304597.0	0.497681	Y
3	IC 200-165684/22	0.475841	0.169247	10.0	267893.0	0.355679	Y
4	IC 200-165684/7	4.758412	2.184754	10.0	282819.0	0.459135	Y
5	ICIS 200-165684/8	10.587945	5.438445	10.0	308750.0	0.513645	Y
6	IC 200-165684/9	15.881918	8.980848	10.0	307334.0	0.565476	Y
7	IC 200-165684/23	21.175891	10.675926	10.0	341413.0	0.504155	Y
8	IC 200-165684/13	42.351782	22.777637	10.0	358769.0	0.53782	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

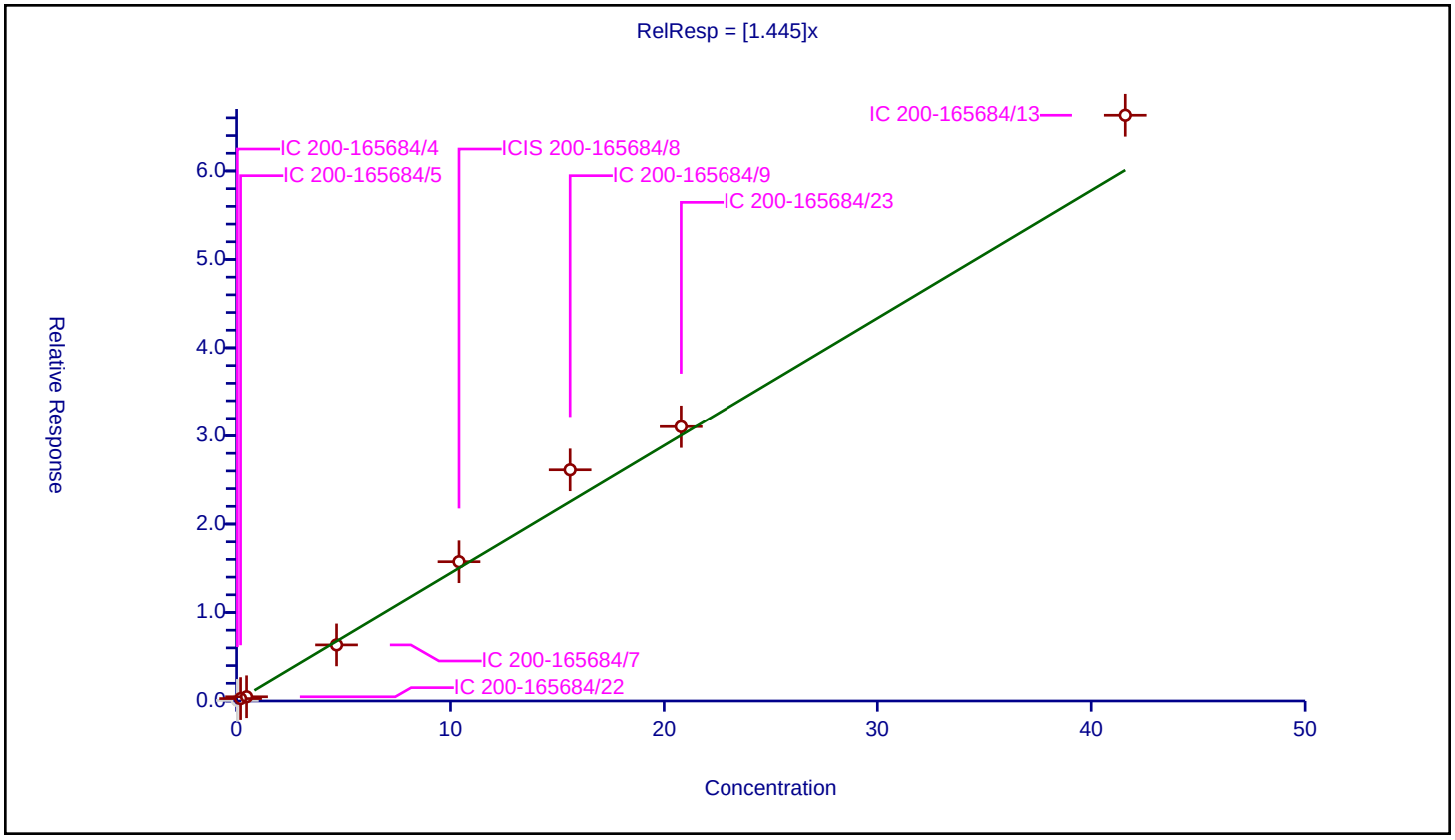
Curve Coefficients

Intercept:	0
Slope:	1.445

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	14.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03648	0.063358	10.0	310302.0	1.736776	N
2	IC 200-165684/5	0.187612	0.273804	10.0	304597.0	1.459422	Y
3	IC 200-165684/22	0.467304	0.478288	10.0	267893.0	1.023505	Y
4	IC 200-165684/7	4.673039	6.33741	10.0	282819.0	1.356165	Y
5	ICIS 200-165684/8	10.397982	15.739628	10.0	308750.0	1.513719	Y
6	IC 200-165684/9	15.596973	26.131147	10.0	307334.0	1.675399	Y
7	IC 200-165684/23	20.795965	31.04214	10.0	341413.0	1.4927	Y
8	IC 200-165684/13	41.591929	66.29458	10.0	358769.0	1.593929	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

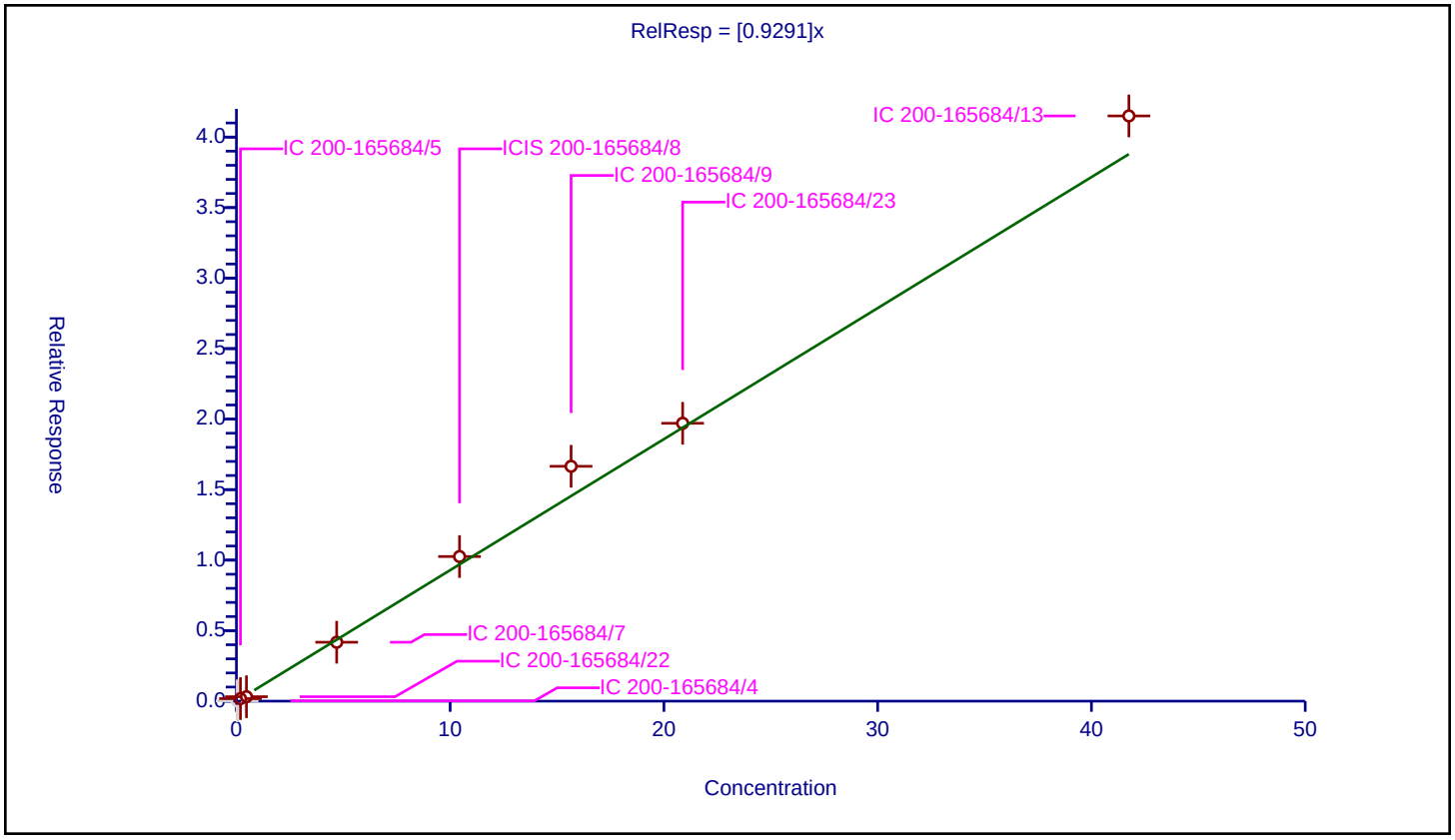
Curve Coefficients

Intercept:	0
Slope:	0.9291

Error Coefficients

Standard Error:	712000
Relative Standard Error:	13.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03662	0.020206	10.0	310302.0	0.551773	N
2	IC 200-165684/5	0.188333	0.180468	10.0	304597.0	0.958238	Y
3	IC 200-165684/22	0.469101	0.31479	10.0	267893.0	0.671049	Y
4	IC 200-165684/7	4.691012	4.17624	10.0	282819.0	0.890264	Y
5	ICIS 200-165684/8	10.437975	10.254769	10.0	308750.0	0.982448	Y
6	IC 200-165684/9	15.656962	16.654161	10.0	307334.0	1.06369	Y
7	IC 200-165684/23	20.875949	19.704024	10.0	341413.0	0.943862	Y
8	IC 200-165684/13	41.751898	41.498569	10.0	358769.0	0.993933	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

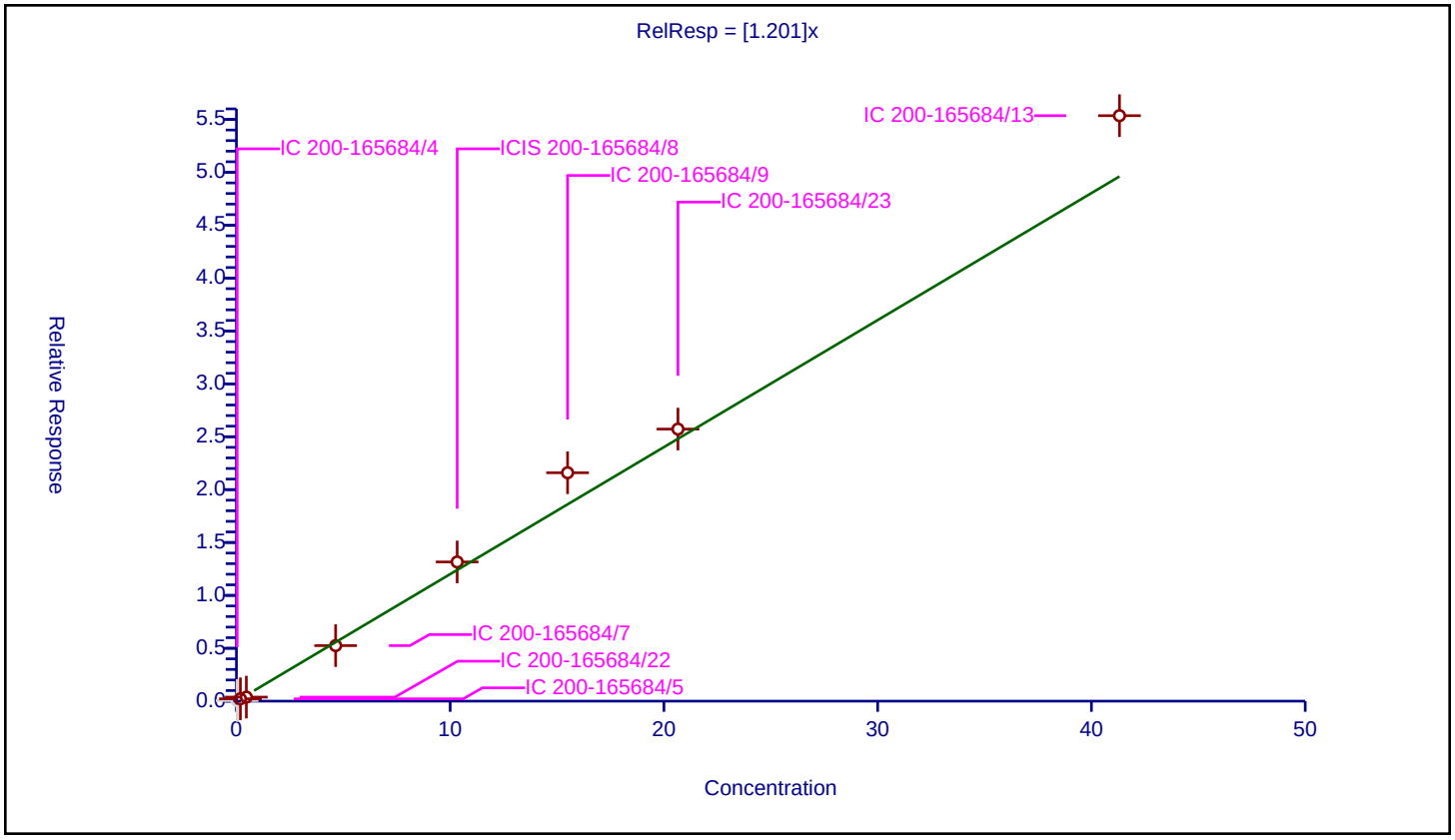
Curve Coefficients

Intercept:	0
Slope:	1.201

Error Coefficients

Standard Error:	944000
Relative Standard Error:	15.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036234	0.053657	10.0	310302.0	1.480838	N
2	IC 200-165684/5	0.186349	0.22318	10.0	304597.0	1.197648	Y
3	IC 200-165684/22	0.464159	0.382503	10.0	267893.0	0.824079	Y
4	IC 200-165684/7	4.641586	5.248763	10.0	282819.0	1.130813	Y
5	ICIS 200-165684/8	10.327996	13.162623	10.0	308750.0	1.274461	Y
6	IC 200-165684/9	15.491994	21.597578	10.0	307334.0	1.394112	Y
7	IC 200-165684/23	20.655992	25.724211	10.0	341413.0	1.245363	Y
8	IC 200-165684/13	41.311983	55.358072	10.0	358769.0	1.34	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

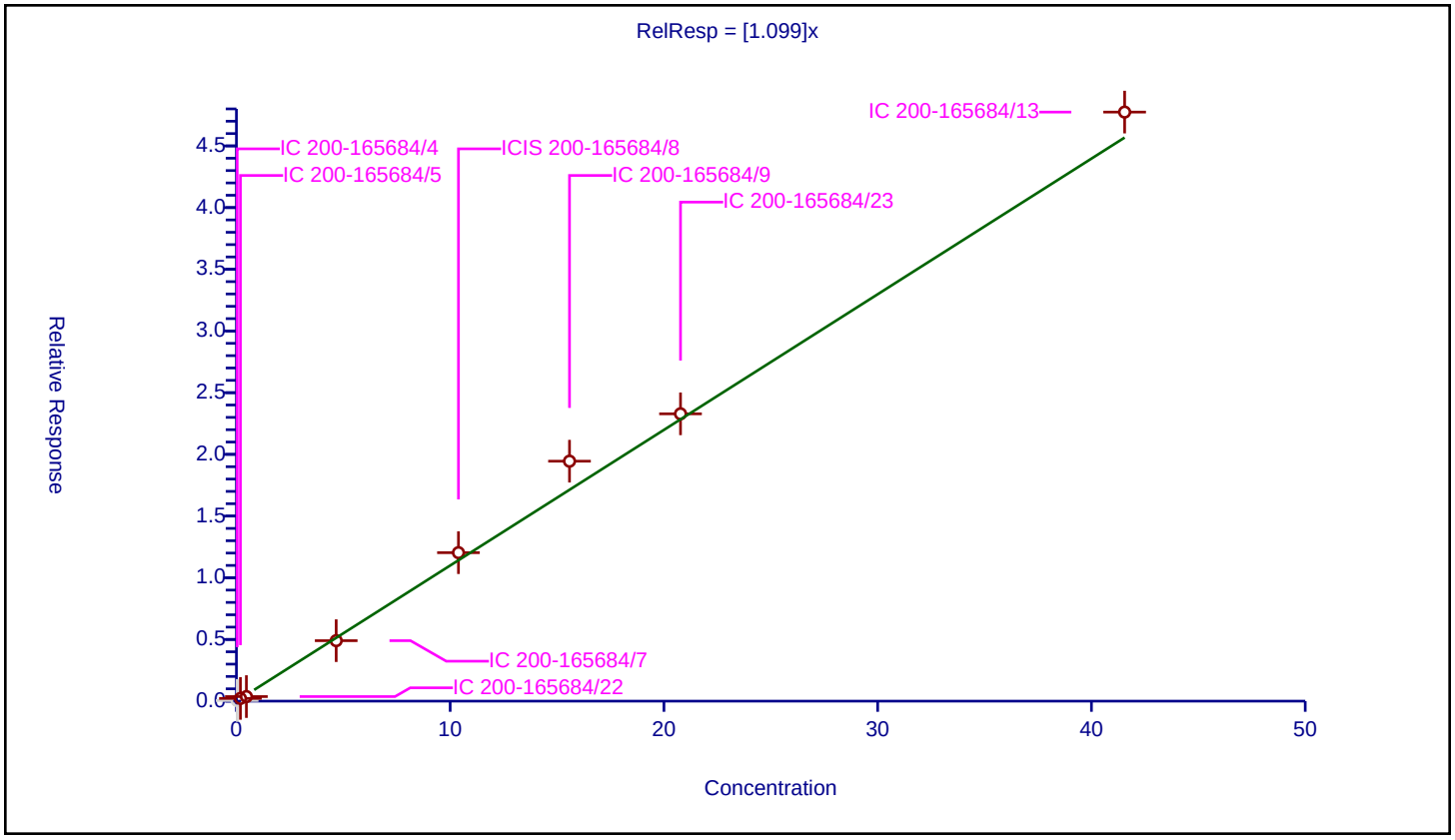
Curve Coefficients

Intercept:	0
Slope:	1.099

Error Coefficients

Standard Error:	825000
Relative Standard Error:	13.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036445	0.051692	10.0	310302.0	1.418347	N
2	IC 200-165684/5	0.187431	0.220357	10.0	304597.0	1.175668	Y
3	IC 200-165684/22	0.466855	0.370148	10.0	267893.0	0.792855	Y
4	IC 200-165684/7	4.668546	4.900732	10.0	282819.0	1.049734	Y
5	ICIS 200-165684/8	10.387984	12.033976	10.0	308750.0	1.158451	Y
6	IC 200-165684/9	15.581976	19.448385	10.0	307334.0	1.248133	Y
7	IC 200-165684/23	20.775968	23.287045	10.0	341413.0	1.120864	Y
8	IC 200-165684/13	41.551937	47.740022	10.0	358769.0	1.148924	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

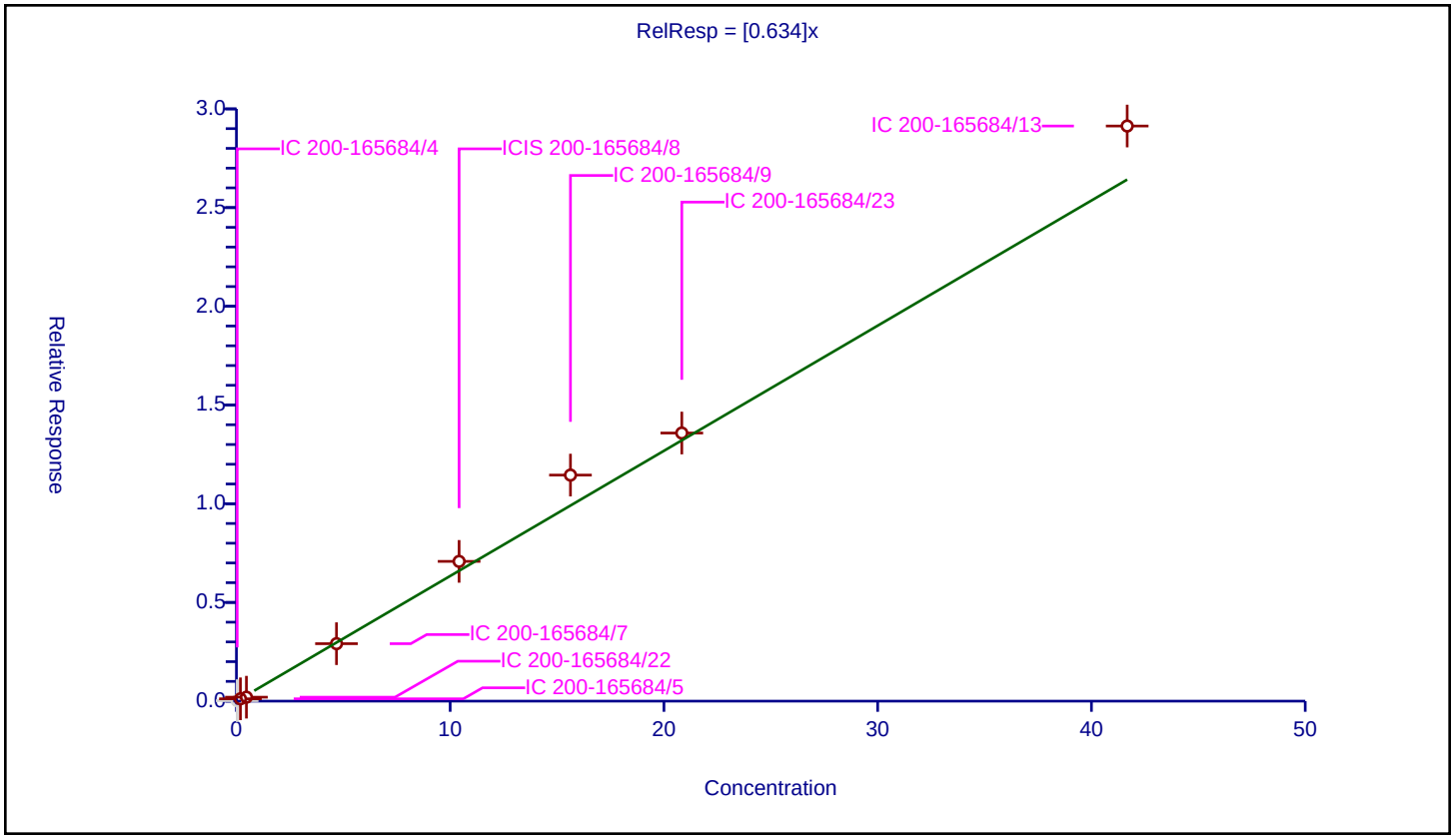
Curve Coefficients

Intercept:	0
Slope:	0.634

Error Coefficients

Standard Error:	498000
Relative Standard Error:	15.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03655	0.024267	10.0	310302.0	0.663928	N
2	IC 200-165684/5	0.187972	0.117434	10.0	304597.0	0.62474	Y
3	IC 200-165684/22	0.468203	0.20049	10.0	267893.0	0.428213	Y
4	IC 200-165684/7	4.682025	2.910696	10.0	282819.0	0.621674	Y
5	ICIS 200-165684/8	10.417978	7.079255	10.0	308750.0	0.679523	Y
6	IC 200-165684/9	15.626968	11.451385	10.0	307334.0	0.732796	Y
7	IC 200-165684/23	20.835957	13.580678	10.0	341413.0	0.65179	Y
8	IC 200-165684/13	41.671914	29.132116	10.0	358769.0	0.699083	Y



Calibration / Alpha Methyl Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

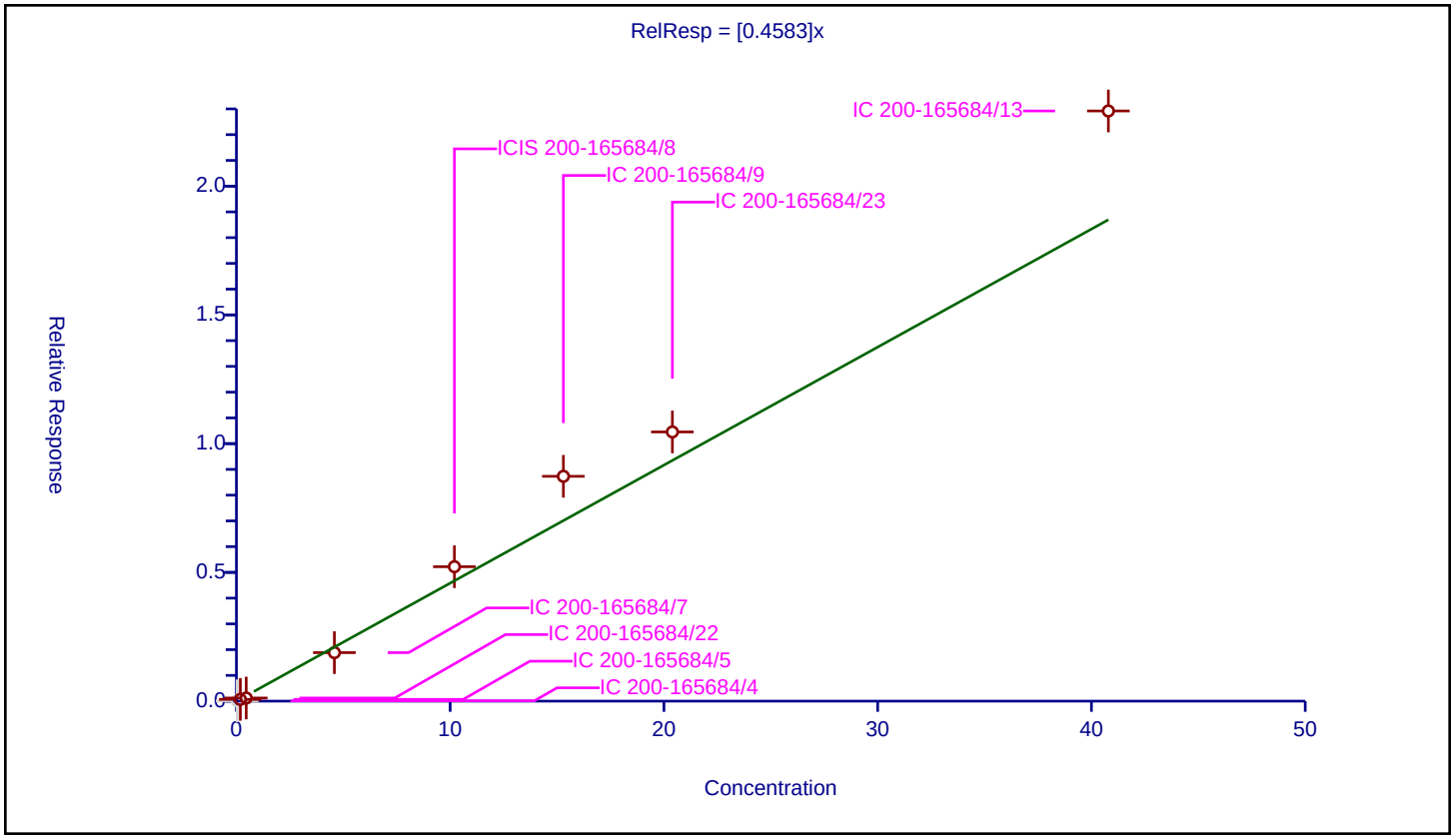
Curve Coefficients

Intercept:	0
Slope:	0.4583

Error Coefficients

Standard Error:	388000
Relative Standard Error:	24.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.942

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035778	0.012665	10.0	310302.0	0.353986	N
2	IC 200-165684/5	0.184004	0.069075	10.0	304597.0	0.3754	Y
3	IC 200-165684/22	0.458317	0.121242	10.0	267893.0	0.264538	Y
4	IC 200-165684/7	4.583173	1.883926	10.0	282819.0	0.411053	Y
5	ICIS 200-165684/8	10.198021	5.220534	10.0	308750.0	0.511916	Y
6	IC 200-165684/9	15.297032	8.731315	10.0	307334.0	0.570785	Y
7	IC 200-165684/23	20.396042	10.454464	10.0	341413.0	0.512573	Y
8	IC 200-165684/13	40.792084	22.91887	10.0	358769.0	0.561846	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

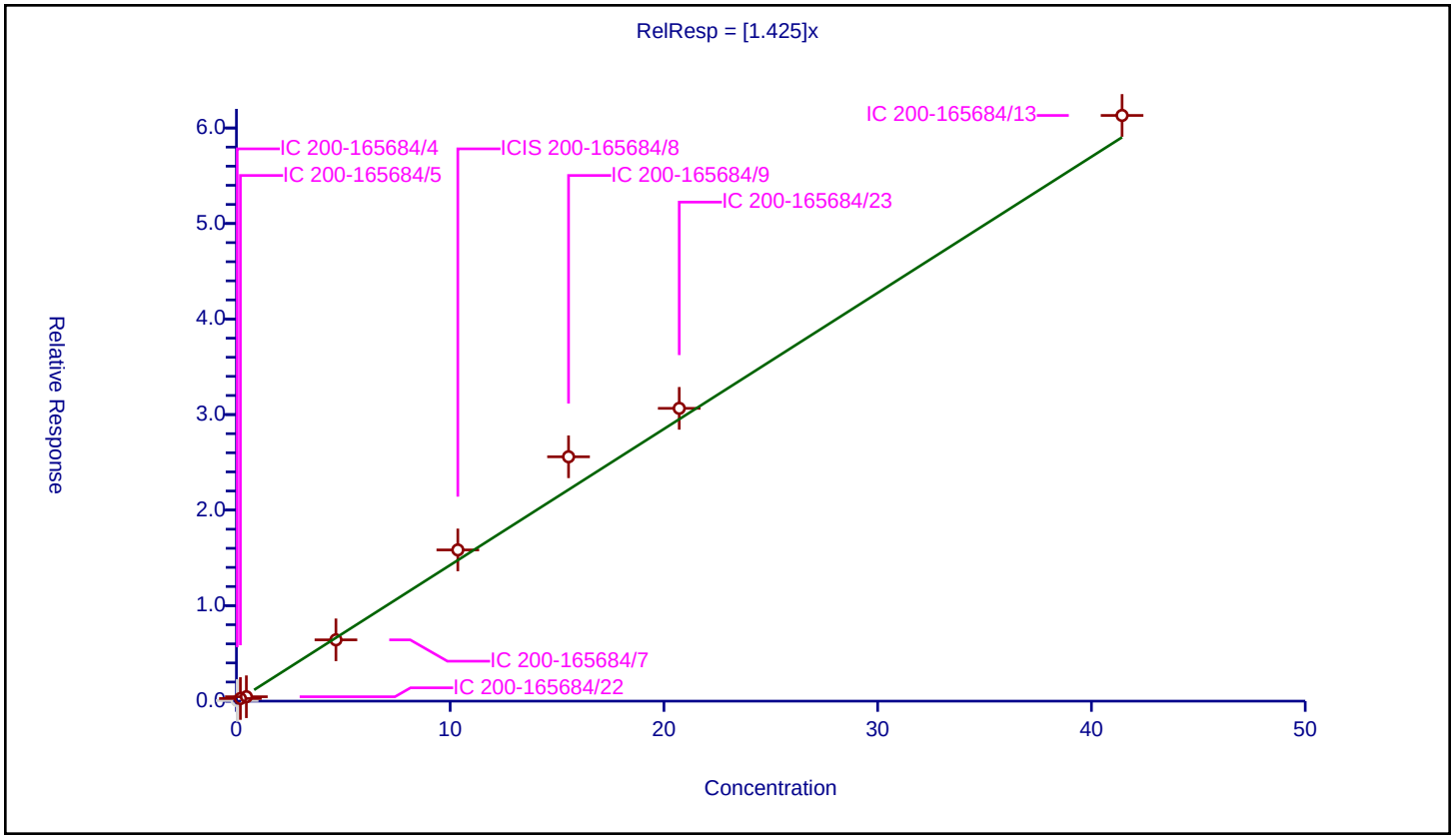
Curve Coefficients

Intercept:	0
Slope:	1.425

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	14.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03634	0.063358	10.0	310302.0	1.743482	N
2	IC 200-165684/5	0.18689	0.274461	10.0	304597.0	1.46857	Y
3	IC 200-165684/22	0.465507	0.46164	10.0	267893.0	0.991693	Y
4	IC 200-165684/7	4.655066	6.416507	10.0	282819.0	1.378392	Y
5	ICIS 200-165684/8	10.35799	15.830478	10.0	308750.0	1.528335	Y
6	IC 200-165684/9	15.536985	25.580346	10.0	307334.0	1.646416	Y
7	IC 200-165684/23	20.71598	30.651205	10.0	341413.0	1.479592	Y
8	IC 200-165684/13	41.43196	61.314216	10.0	358769.0	1.479877	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

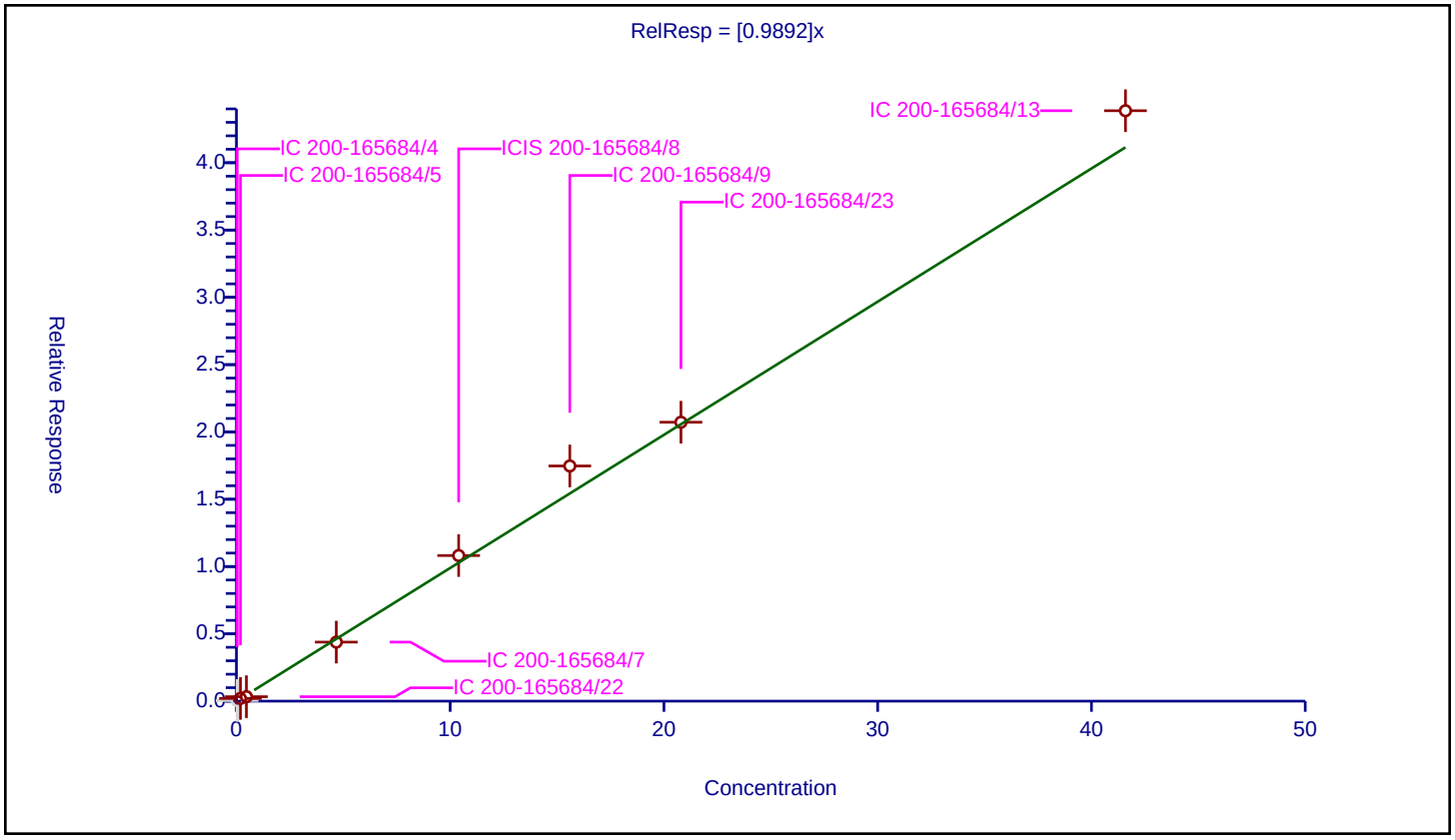
Curve Coefficients

Intercept:	0
Slope:	0.9892

Error Coefficients

Standard Error:	752000
Relative Standard Error:	13.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03648	0.044183	10.0	310302.0	1.21115	N
2	IC 200-165684/5	0.187612	0.200659	10.0	304597.0	1.069543	Y
3	IC 200-165684/22	0.467304	0.329423	10.0	267893.0	0.704943	Y
4	IC 200-165684/7	4.673039	4.385773	10.0	282819.0	0.938527	Y
5	ICIS 200-165684/8	10.397982	10.816389	10.0	308750.0	1.040239	Y
6	IC 200-165684/9	15.596973	17.471838	10.0	307334.0	1.120207	Y
7	IC 200-165684/23	20.795965	20.721853	10.0	341413.0	0.996436	Y
8	IC 200-165684/13	41.591929	43.863517	10.0	358769.0	1.054616	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

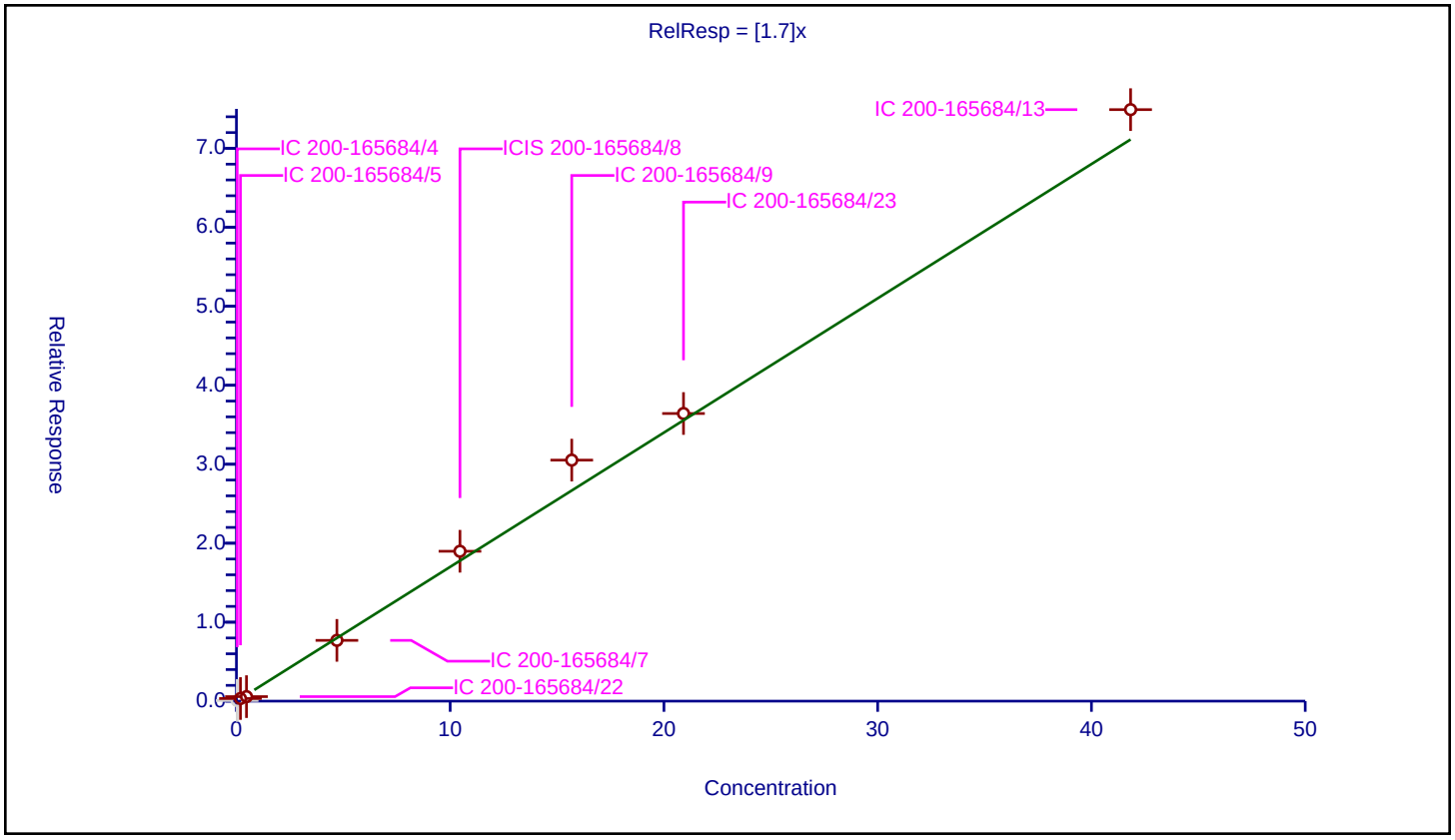
Curve Coefficients

Intercept:	0
Slope:	1.7

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	13.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03669	0.079632	10.0	310302.0	2.170375	N
2	IC 200-165684/5	0.188694	0.330798	10.0	304597.0	1.753092	Y
3	IC 200-165684/22	0.47	0.572953	10.0	267893.0	1.219048	Y
4	IC 200-165684/7	4.699999	7.695947	10.0	282819.0	1.637436	Y
5	ICIS 200-165684/8	10.457971	18.980372	10.0	308750.0	1.814919	Y
6	IC 200-165684/9	15.686956	30.521094	10.0	307334.0	1.945635	Y
7	IC 200-165684/23	20.915941	36.424126	10.0	341413.0	1.741453	Y
8	IC 200-165684/13	41.831883	74.904521	10.0	358769.0	1.790608	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

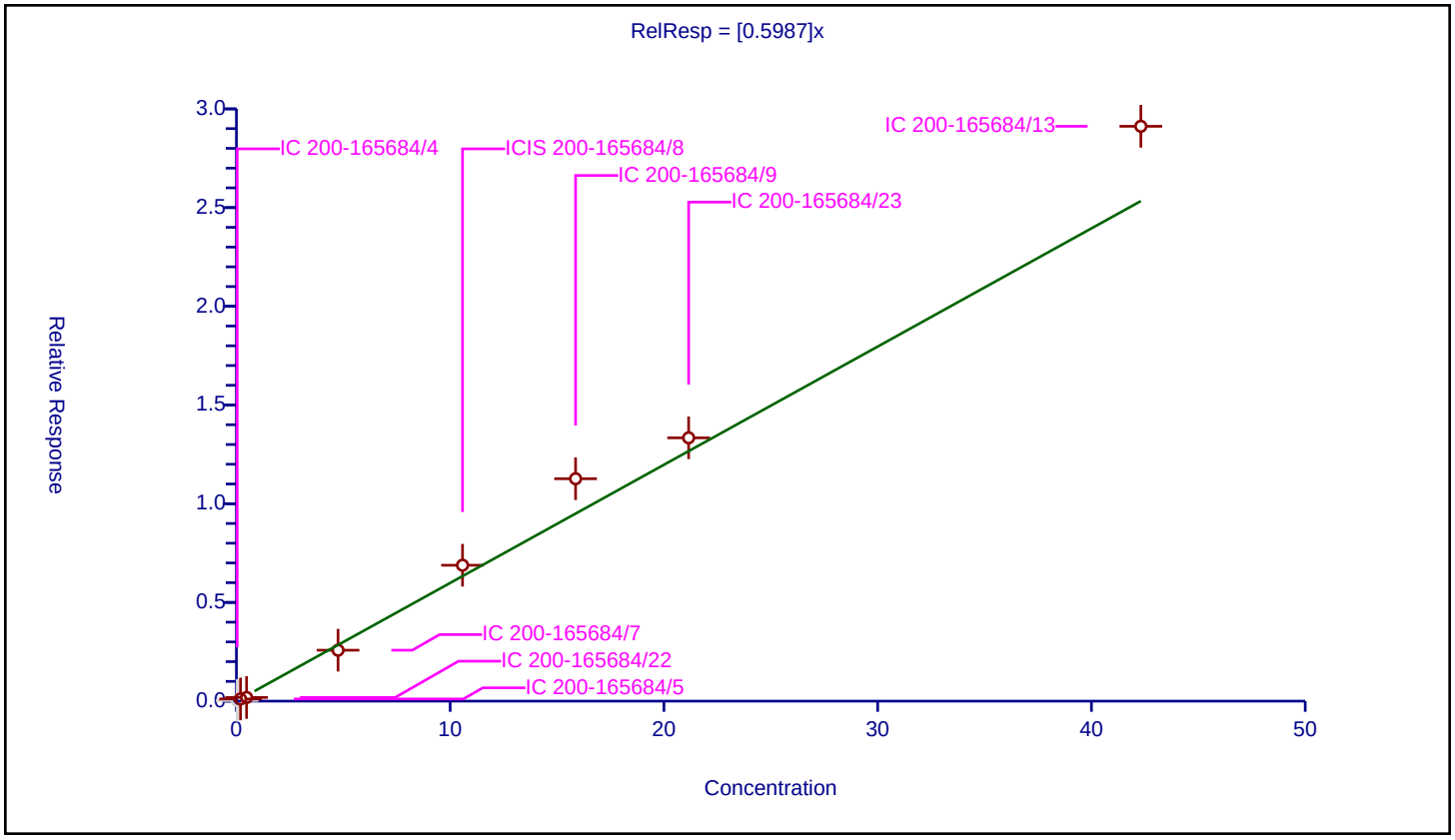
Curve Coefficients

Intercept:	0
Slope:	0.5987

Error Coefficients

Standard Error:	495000
Relative Standard Error:	18.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.037111	0.032356	10.0	310302.0	0.87185	N
2	IC 200-165684/5	0.190859	0.110605	10.0	304597.0	0.579513	Y
3	IC 200-165684/22	0.475392	0.184887	10.0	267893.0	0.388915	Y
4	IC 200-165684/7	4.753918	2.580838	10.0	282819.0	0.542886	Y
5	ICIS 200-165684/8	10.577947	6.883433	10.0	308750.0	0.650734	Y
6	IC 200-165684/9	15.866921	11.265919	10.0	307334.0	0.710026	Y
7	IC 200-165684/23	21.155895	13.338186	10.0	341413.0	0.630471	Y
8	IC 200-165684/13	42.311789	29.118179	10.0	358769.0	0.688181	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

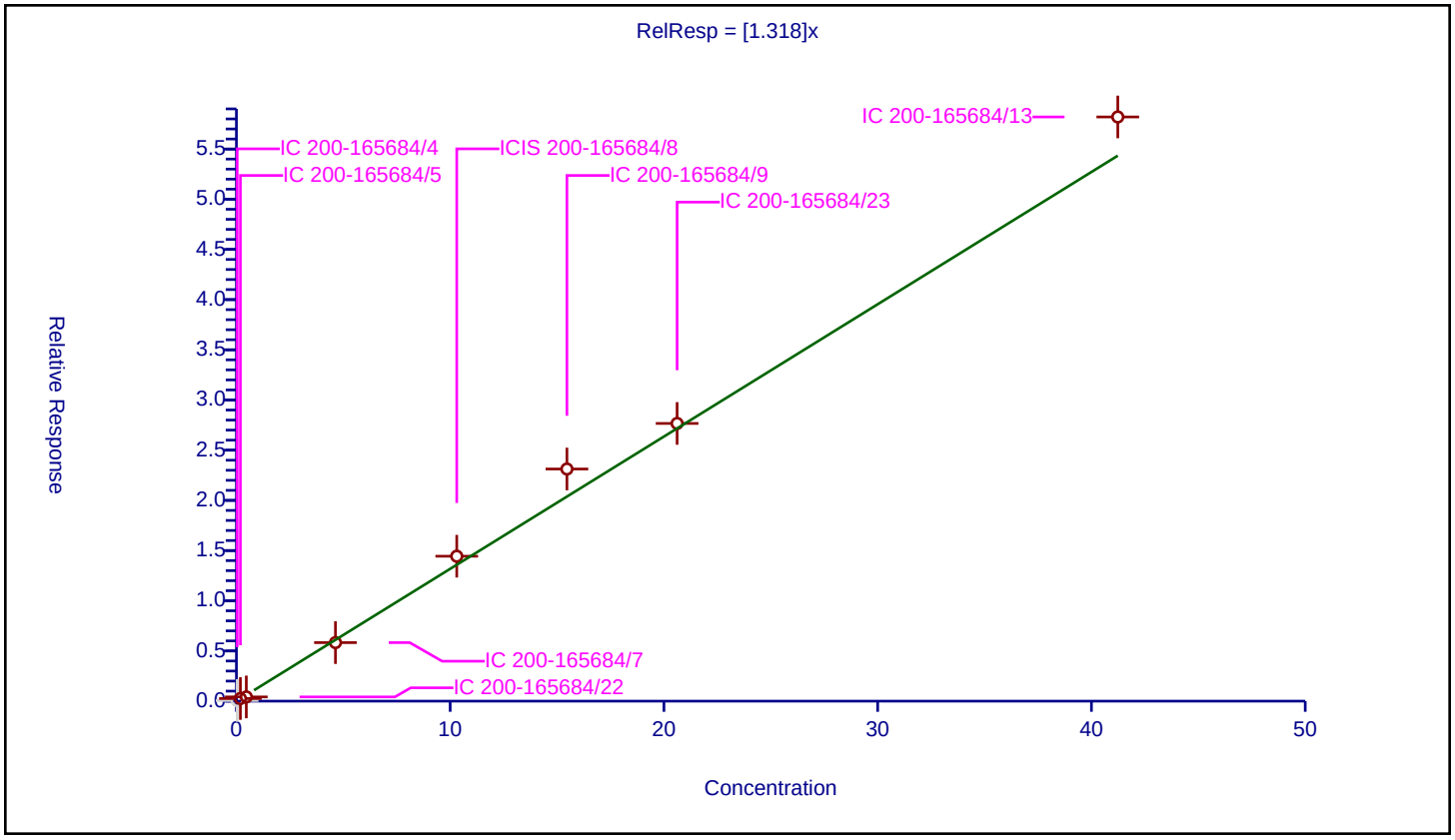
Curve Coefficients

Intercept:	0
Slope:	1.318

Error Coefficients

Standard Error:	999000
Relative Standard Error:	14.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036164	0.062842	10.0	310302.0	1.737679	N
2	IC 200-165684/5	0.185988	0.261624	10.0	304597.0	1.406674	Y
3	IC 200-165684/22	0.46326	0.421661	10.0	267893.0	0.910204	Y
4	IC 200-165684/7	4.632599	5.830726	10.0	282819.0	1.258629	Y
5	ICIS 200-165684/8	10.308	14.438704	10.0	308750.0	1.400728	Y
6	IC 200-165684/9	15.462	23.124874	10.0	307334.0	1.495594	Y
7	IC 200-165684/23	20.615999	27.664822	10.0	341413.0	1.34191	Y
8	IC 200-165684/13	41.231999	58.196332	10.0	358769.0	1.411436	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

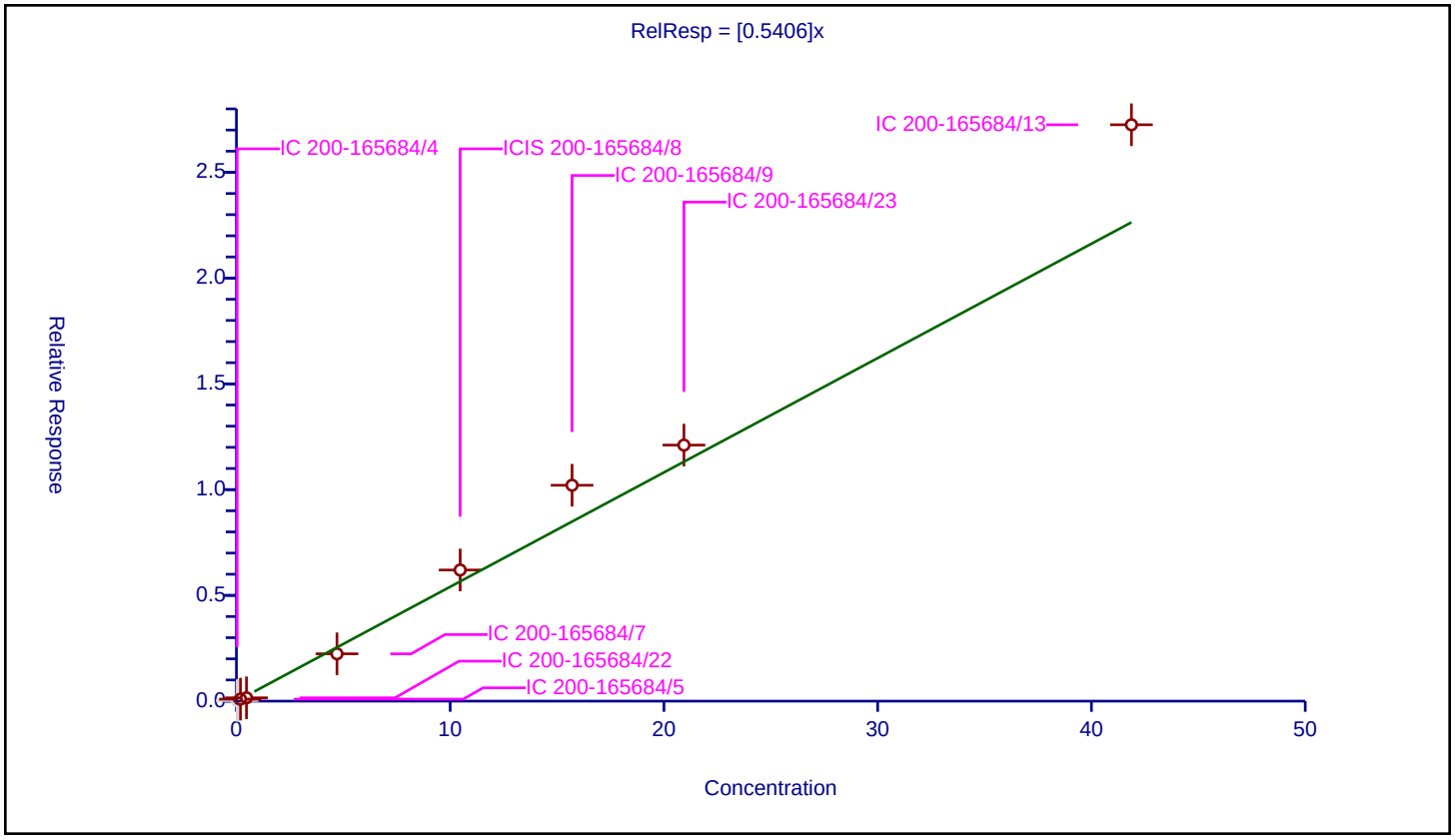
Curve Coefficients

Intercept:	0
Slope:	0.5406

Error Coefficients

Standard Error:	459000
Relative Standard Error:	20.9
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036726	0.026007	10.0	310302.0	0.708142	N
2	IC 200-165684/5	0.188874	0.095044	10.0	304597.0	0.503211	Y
3	IC 200-165684/22	0.470449	0.157339	10.0	267893.0	0.334444	Y
4	IC 200-165684/7	4.704492	2.236625	10.0	282819.0	0.475423	Y
5	ICIS 200-165684/8	10.467969	6.20013	10.0	308750.0	0.592295	Y
6	IC 200-165684/9	15.701953	10.206551	10.0	307334.0	0.650018	Y
7	IC 200-165684/23	20.935937	12.104606	10.0	341413.0	0.578174	Y
8	IC 200-165684/13	41.871875	27.249038	10.0	358769.0	0.650772	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

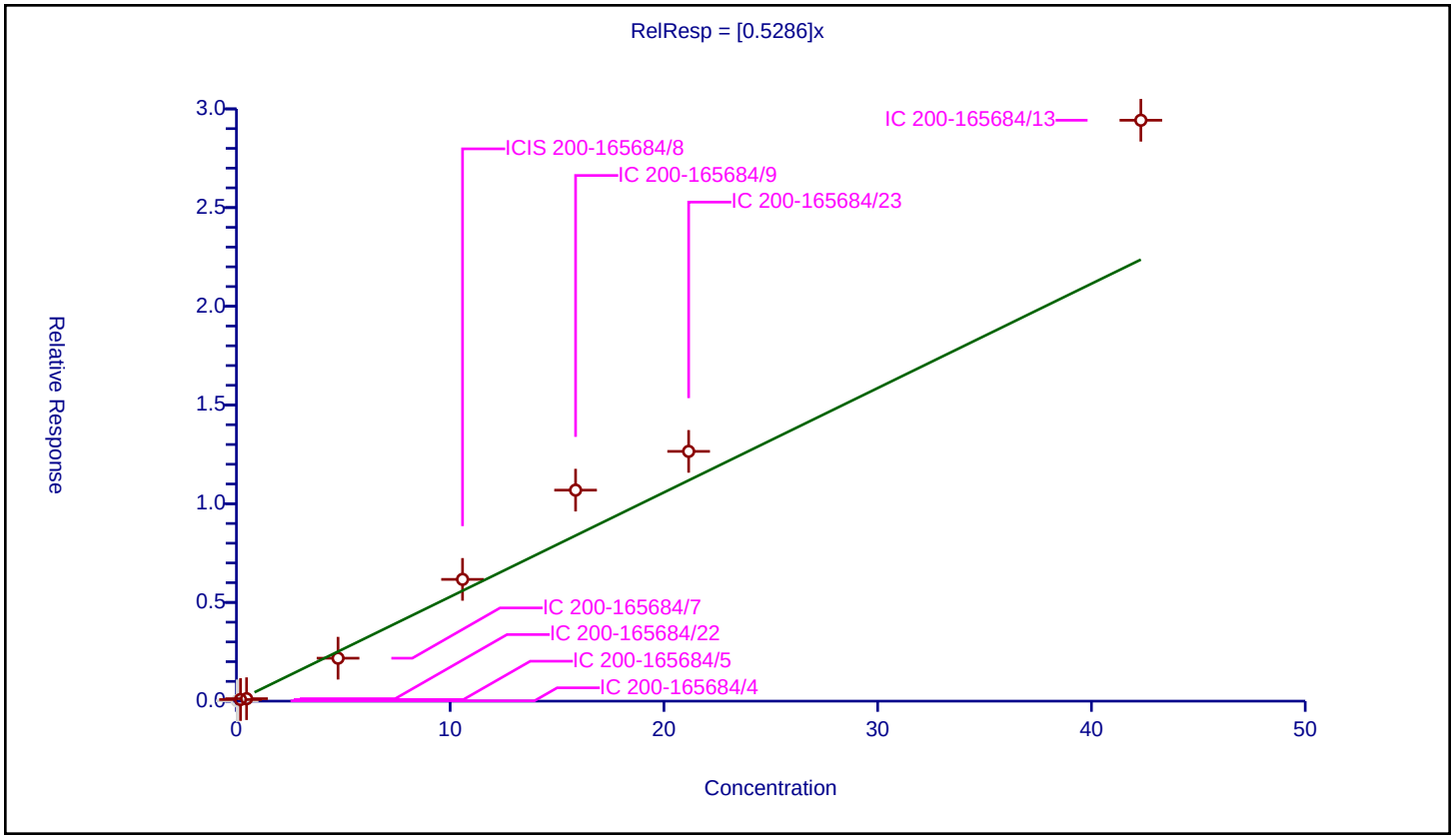
Curve Coefficients

Intercept:	0
Slope:	0.5286

Error Coefficients

Standard Error:	491000
Relative Standard Error:	29.1
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.921

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.037111	0.015211	10.0	310302.0	0.409874	N
2	IC 200-165684/5	0.190859	0.082141	10.0	304597.0	0.430378	Y
3	IC 200-165684/22	0.475392	0.124602	10.0	267893.0	0.262104	Y
4	IC 200-165684/7	4.753918	2.175702	10.0	282819.0	0.457665	Y
5	ICIS 200-165684/8	10.577947	6.167547	10.0	308750.0	0.583057	Y
6	IC 200-165684/9	15.866921	10.688925	10.0	307334.0	0.673661	Y
7	IC 200-165684/23	21.155895	12.651539	10.0	341413.0	0.598015	Y
8	IC 200-165684/13	42.311789	29.423668	10.0	358769.0	0.695401	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

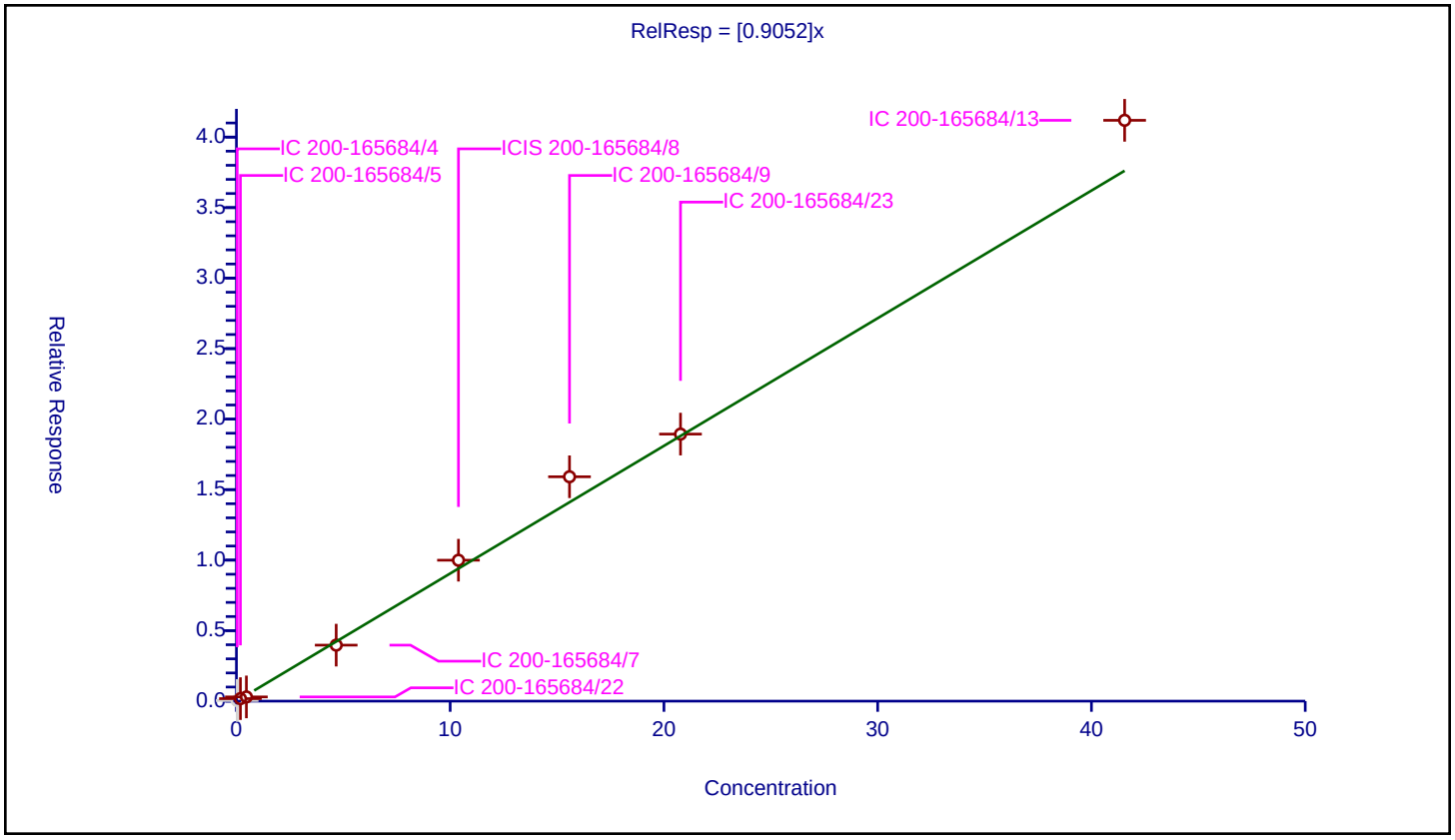
Curve Coefficients

Intercept:	0
Slope:	0.9052

Error Coefficients

Standard Error:	701000
Relative Standard Error:	14.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.036445	0.04515	10.0	310302.0	1.238843	N
2	IC 200-165684/5	0.187431	0.179286	10.0	304597.0	0.956544	Y
3	IC 200-165684/22	0.466855	0.300269	10.0	267893.0	0.643175	Y
4	IC 200-165684/7	4.668546	3.970525	10.0	282819.0	0.850484	Y
5	ICIS 200-165684/8	10.387984	9.993555	10.0	308750.0	0.96203	Y
6	IC 200-165684/9	15.581976	15.911907	10.0	307334.0	1.021174	Y
7	IC 200-165684/23	20.775968	18.937123	10.0	341413.0	0.911492	Y
8	IC 200-165684/13	41.551937	41.189094	10.0	358769.0	0.991268	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

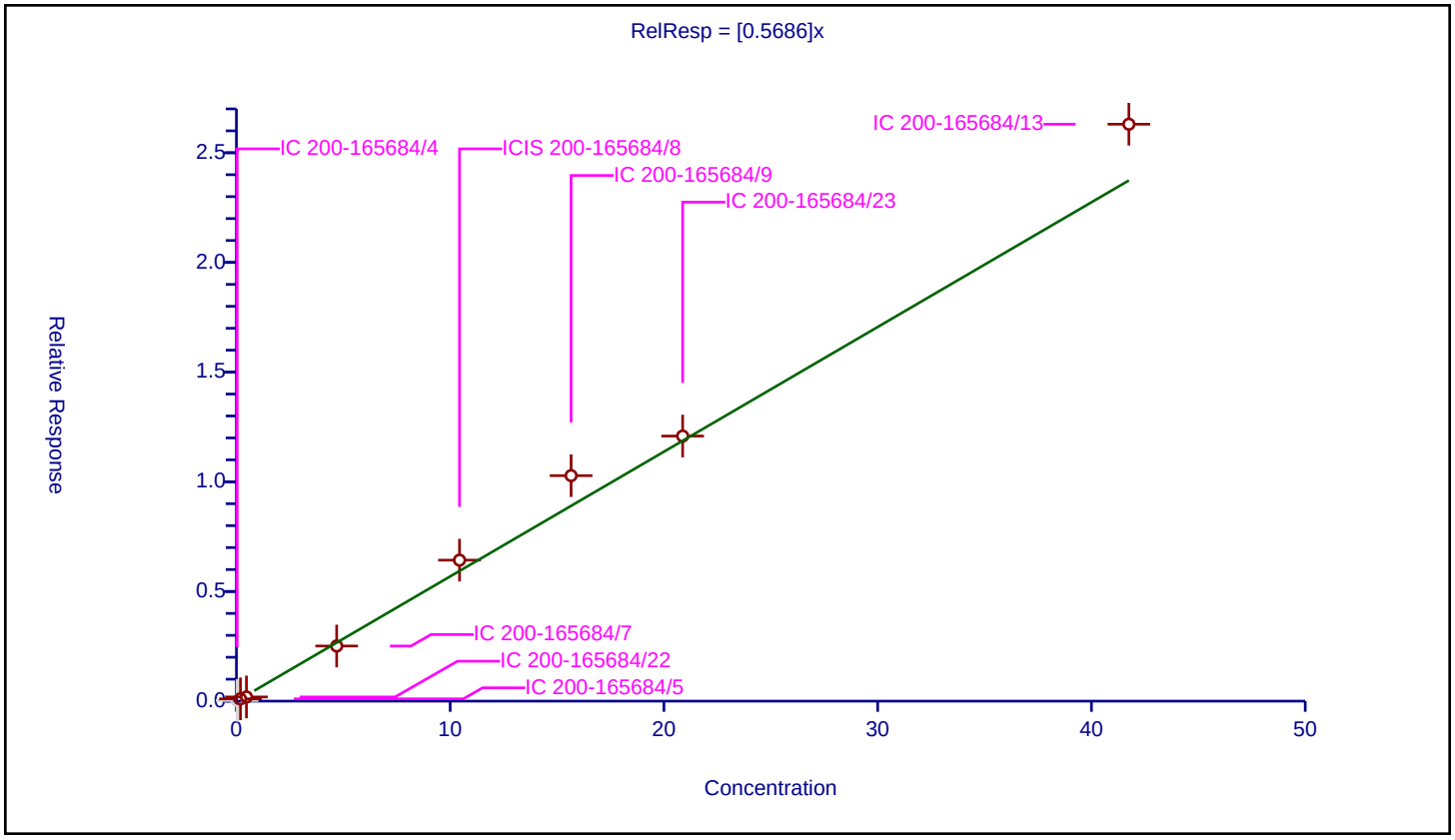
Curve Coefficients

Intercept:	0
Slope:	0.5686

Error Coefficients

Standard Error:	448000
Relative Standard Error:	14.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03662	0.029971	10.0	310302.0	0.81842	N
2	IC 200-165684/5	0.188333	0.105057	10.0	304597.0	0.557825	Y
3	IC 200-165684/22	0.469101	0.190076	10.0	267893.0	0.405192	Y
4	IC 200-165684/7	4.691012	2.513233	10.0	282819.0	0.535755	Y
5	ICIS 200-165684/8	10.437975	6.427595	10.0	308750.0	0.61579	Y
6	IC 200-165684/9	15.656962	10.280346	10.0	307334.0	0.656599	Y
7	IC 200-165684/23	20.875949	12.084865	10.0	341413.0	0.578889	Y
8	IC 200-165684/13	41.751898	26.302105	10.0	358769.0	0.629962	Y



Calibration / Undecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

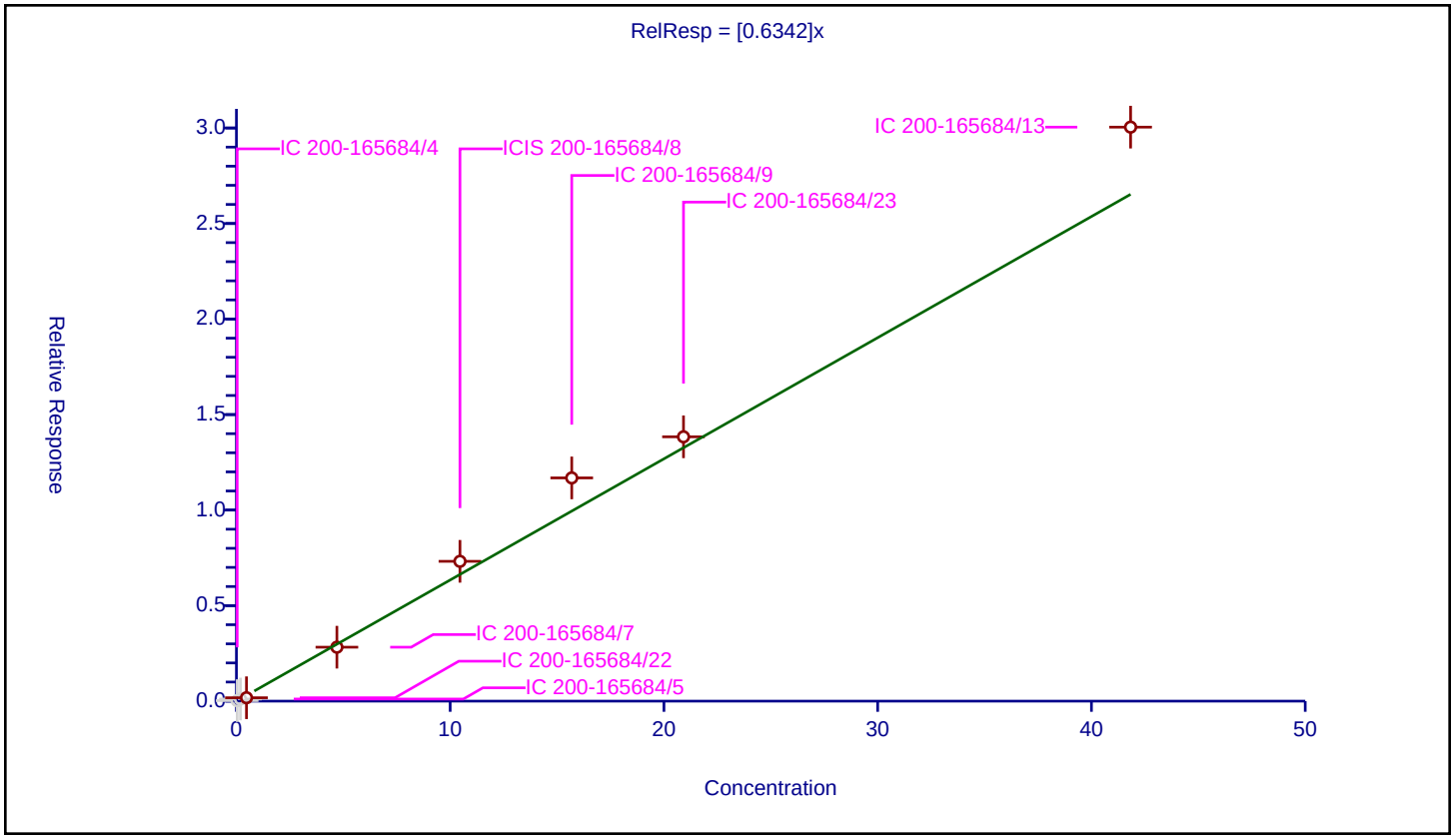
Curve Coefficients

Intercept:	0
Slope:	0.6342

Error Coefficients

Standard Error:	561000
Relative Standard Error:	21.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03669	0.02707	10.0	310302.0	0.737805	N
2	IC 200-165684/5	0.188694	0.110835	10.0	304597.0	0.58738	N
3	IC 200-165684/22	0.47	0.178429	10.0	267893.0	0.379637	Y
4	IC 200-165684/7	4.699999	2.824421	10.0	282819.0	0.600941	Y
5	ICIS 200-165684/8	10.457971	7.317765	10.0	308750.0	0.699731	Y
6	IC 200-165684/9	15.686956	11.685137	10.0	307334.0	0.744895	Y
7	IC 200-165684/23	20.915941	13.835618	10.0	341413.0	0.661487	Y
8	IC 200-165684/13	41.831883	30.044541	10.0	358769.0	0.718221	Y



Calibration / Dodecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

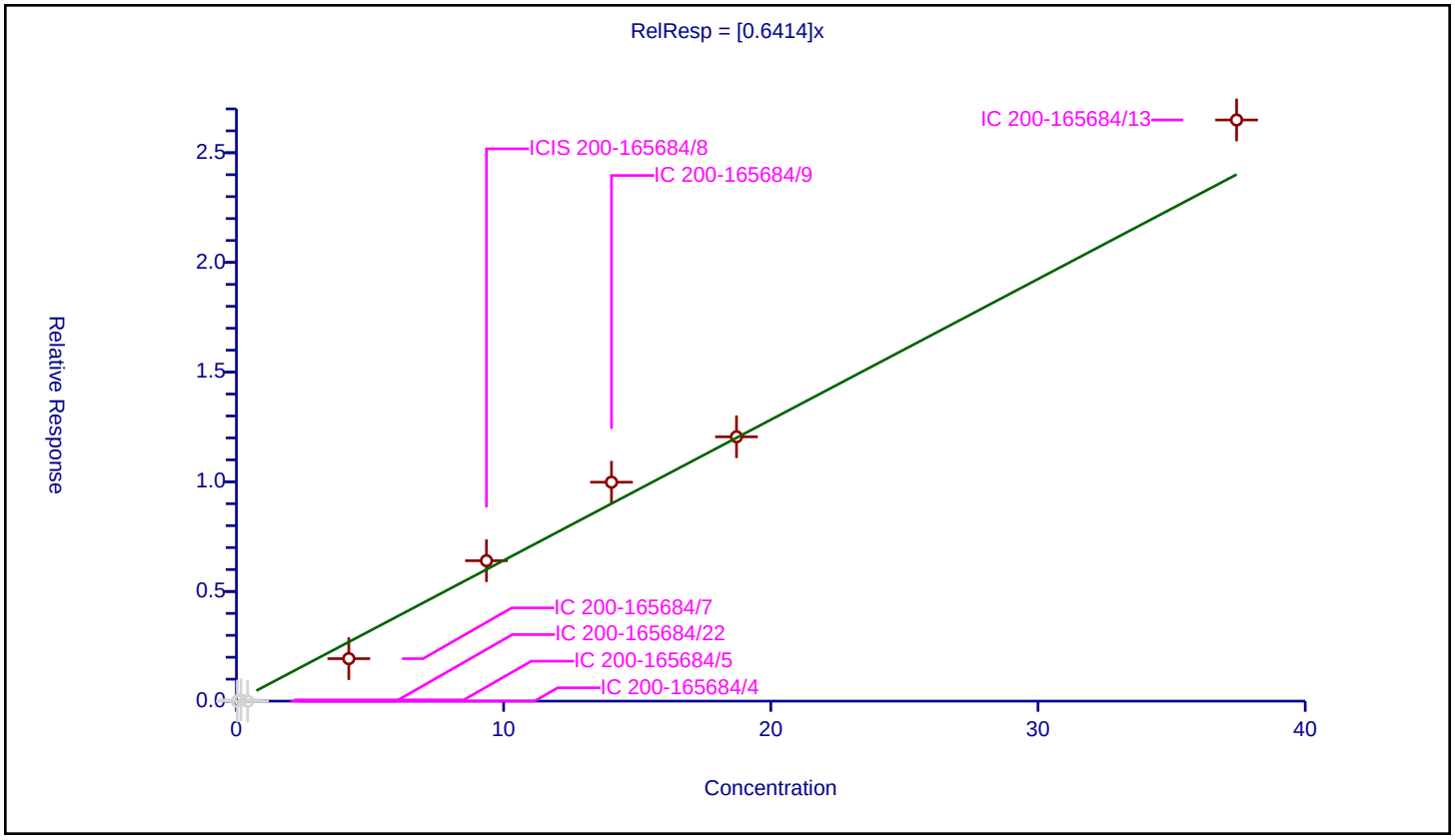
Curve Coefficients

Intercept:	0
Slope:	0.6414

Error Coefficients

Standard Error:	550000
Relative Standard Error:	16.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.032832	0.0	10.0	310302.0	0.0	N
2	IC 200-165684/5	0.16885	0.057059	10.0	304597.0	0.337926	N
3	IC 200-165684/22	0.420573	0.0	10.0	267893.0	0.0	N
4	IC 200-165684/7	4.205735	1.935761	10.0	282819.0	0.460267	Y
5	ICIS 200-165684/8	9.358184	6.402462	10.0	308750.0	0.684156	Y
6	IC 200-165684/9	14.037276	9.981746	10.0	307334.0	0.711089	Y
7	IC 200-165684/23	18.716368	12.05001	10.0	341413.0	0.643822	Y
8	IC 200-165684/13	37.432736	26.494485	10.0	358769.0	0.707789	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

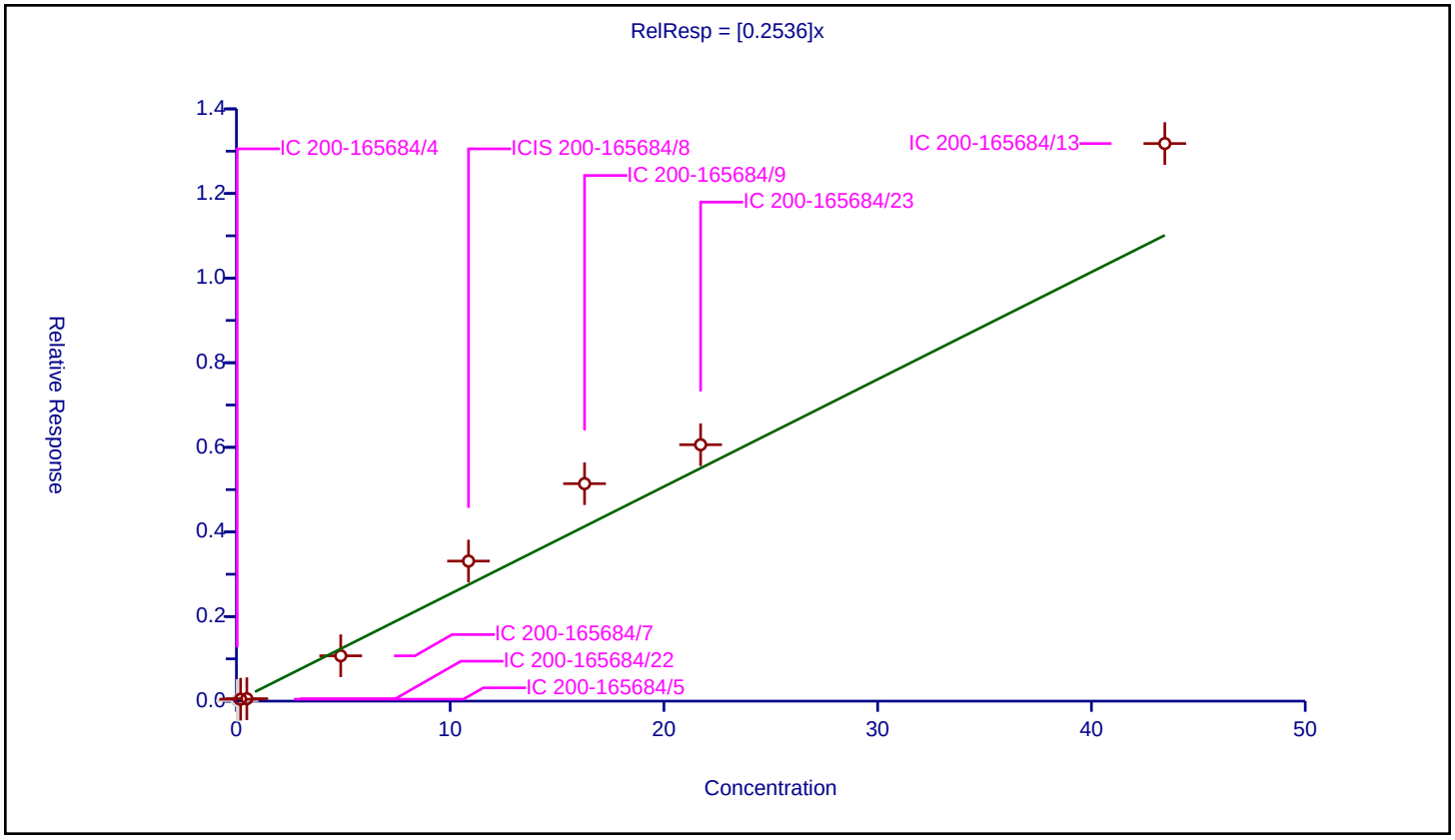
Curve Coefficients

Intercept:	0
Slope:	0.2536

Error Coefficients

Standard Error:	225000
Relative Standard Error:	27.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.926

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.038094	0.012826	10.0	310302.0	0.336703	N
2	IC 200-165684/5	0.19591	0.045962	10.0	304597.0	0.23461	Y
3	IC 200-165684/22	0.487973	0.057336	10.0	267893.0	0.117499	Y
4	IC 200-165684/7	4.879731	1.07171	10.0	282819.0	0.219625	Y
5	ICIS 200-165684/8	10.857893	3.310834	10.0	308750.0	0.304924	Y
6	IC 200-165684/9	16.28684	5.140791	10.0	307334.0	0.315641	Y
7	IC 200-165684/23	21.715786	6.06172	10.0	341413.0	0.279139	Y
8	IC 200-165684/13	43.431572	13.181128	10.0	358769.0	0.303492	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

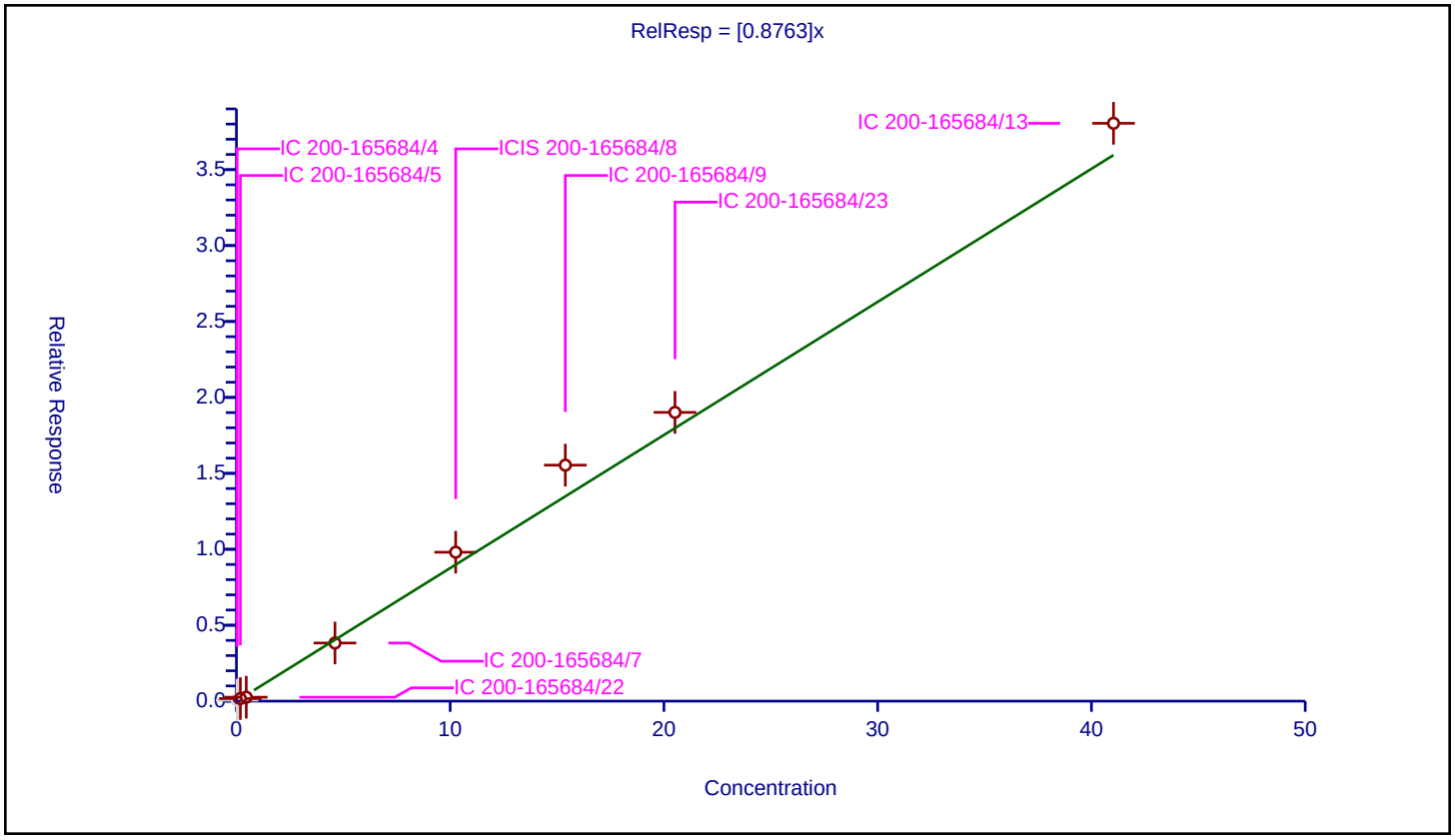
Curve Coefficients

Intercept:	0
Slope:	0.8763

Error Coefficients

Standard Error:	660000
Relative Standard Error:	17.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.035989	0.066161	10.0	310302.0	1.83838	N
2	IC 200-165684/5	0.185086	0.170816	10.0	304597.0	0.9229	Y
3	IC 200-165684/22	0.461013	0.258573	10.0	267893.0	0.560881	Y
4	IC 200-165684/7	4.610133	3.828031	10.0	282819.0	0.830352	Y
5	ICIS 200-165684/8	10.258009	9.807579	10.0	308750.0	0.95609	Y
6	IC 200-165684/9	15.387014	15.540617	10.0	307334.0	1.009983	Y
7	IC 200-165684/23	20.516019	19.014419	10.0	341413.0	0.926808	Y
8	IC 200-165684/13	41.032038	38.050974	10.0	358769.0	0.927348	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

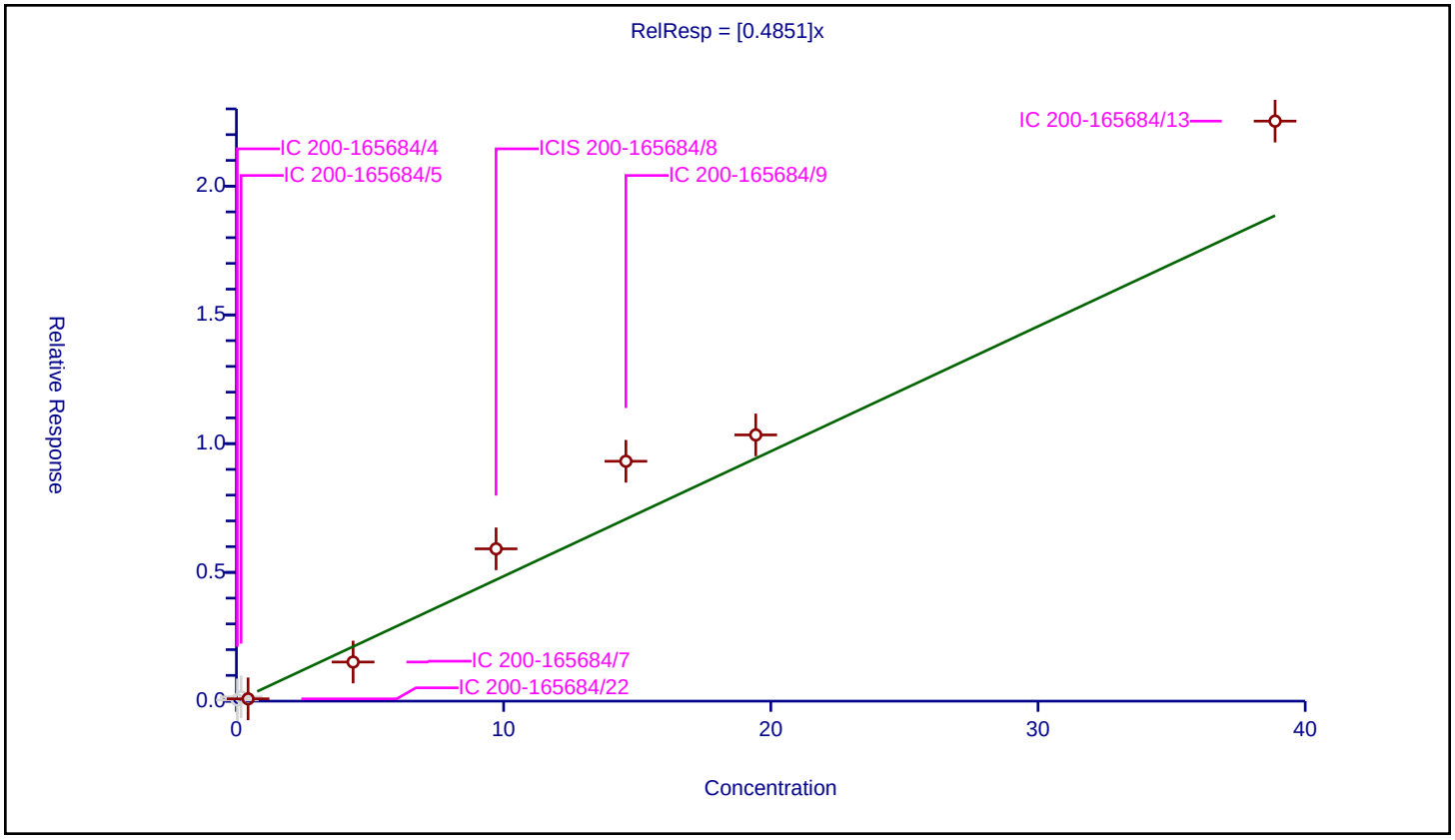
Curve Coefficients

Intercept:	0
Slope:	0.4851

Error Coefficients

Standard Error:	423000
Relative Standard Error:	35.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.899

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.034095	0.046052	10.0	310302.0	1.350702	N
2	IC 200-165684/5	0.175345	0.164545	10.0	304597.0	0.938411	N
3	IC 200-165684/22	0.436749	0.088953	10.0	267893.0	0.203672	Y
4	IC 200-165684/7	4.367494	1.518498	10.0	282819.0	0.347682	Y
5	ICIS 200-165684/8	9.718114	5.914785	10.0	308750.0	0.608635	Y
6	IC 200-165684/9	14.577171	9.316021	10.0	307334.0	0.639083	Y
7	IC 200-165684/23	19.436228	10.338651	10.0	341413.0	0.531927	Y
8	IC 200-165684/13	38.872457	22.525608	10.0	358769.0	0.579475	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

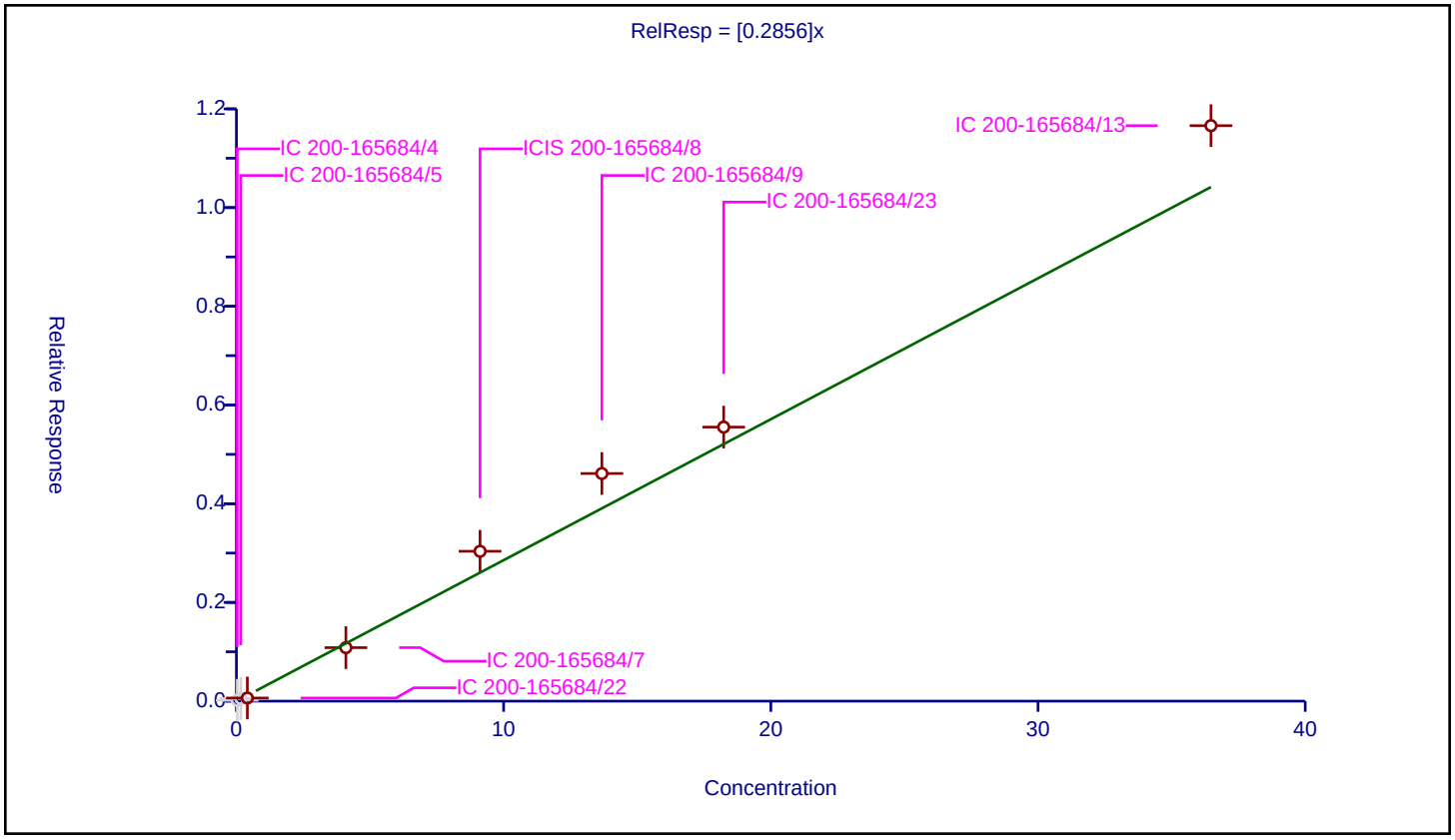
Curve Coefficients

Intercept:	0
Slope:	0.2856

Error Coefficients

Standard Error:	219000
Relative Standard Error:	24.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-165684/4	0.03199	0.017757	10.0	310302.0	0.555073	N
2	IC 200-165684/5	0.164521	0.054006	10.0	304597.0	0.328261	N
3	IC 200-165684/22	0.40979	0.063384	10.0	267893.0	0.154673	Y
4	IC 200-165684/7	4.097896	1.083732	10.0	282819.0	0.264461	Y
5	ICIS 200-165684/8	9.118231	3.036567	10.0	308750.0	0.333021	Y
6	IC 200-165684/9	13.677346	4.612278	10.0	307334.0	0.33722	Y
7	IC 200-165684/23	18.236461	5.552073	10.0	341413.0	0.304449	Y
8	IC 200-165684/13	36.472922	11.66001	10.0	358769.0	0.319689	Y



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab Sample ID: ICV 200-166332/16 Calibration Date: 04/30/2021 04:18

Instrument ID: CHG.i Calib Start Date: 04/29/2021 17:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2021 01:36

Lab File ID: 200-45776-016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4678	0.4921		10.7	10.1	5.2	30.0
Dichlorodifluoromethane	Ave	2.502	2.560		10.8	10.6	2.3	30.0
Chlorodifluoromethane	Ave	1.187	1.185		10.6	10.6	-0.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.332	2.285		10.4	10.6	-2.0	30.0
Chloromethane	Ave	0.5476	0.5984		10.9	9.94	9.3	30.0
Vinyl chloride	Ave	0.6785	0.6507		9.58	9.99	-4.1	30.0
n-Butane	Ave	0.8070	0.8271		10.6	10.3	2.5	30.0
1,3-Butadiene	Ave	0.4657	0.4509		9.39	9.70	-3.2	30.0
Bromomethane	Ave	0.8069	0.7774		10.0	10.4	-3.7	30.0
Chloroethane	Ave	0.2548	0.2552		10.6	10.6	0.2	30.0
Isopentane	Ave	0.6970	0.5889		8.83	10.4	-15.5	30.0
Bromoethene(Vinyl Bromide)	Ave	0.8056	0.8360		10.4	10.0	3.8	30.0
Trichlorofluoromethane	Ave	2.556	2.565		10.4	10.4	0.4	30.0
n-Pentane	Ave	1.018	1.022		10.3	10.2	0.4	30.0
Ethanol	Ave	0.3086	0.3225		15.3	14.7	4.5	30.0
Ethyl ether	Ave	0.3069	0.3091		10.3	10.2	0.7	30.0
Acrolein	Ave	0.0797	0.0870		10.6	9.71	9.2	30.0
1,1-Dichloroethene	Ave	0.7717	0.7567		9.99	10.2	-2.0	30.0
Acetone	Ave	0.7609	0.7889		10.8	10.4	3.7	30.0
1,1,2-Trichlorotrifluoroethane	Ave	1.777	1.724		10.4	10.7	-3.0	30.0
Isopropyl alcohol	Ave	0.8900	0.9774		11.2	10.2	9.8	30.0
Carbon disulfide	Ave	2.109	2.084		10.2	10.4	-1.2	30.0
Acetonitrile	Ave	0.3262	0.3627		10.8	9.72	11.2	30.0
3-Chloropropene	Ave	0.7146	0.6896		10.4	10.7	-3.5	30.0
Methylene Chloride	Ave	0.7987	0.8167		10.5	10.2	2.3	30.0
tert-Butyl alcohol	Ave	1.100	1.204		11.8	10.8	9.4	30.0
Acrylonitrile	Ave	0.2940	0.3274		11.3	10.2	11.4	30.0
trans-1,2-Dichloroethene	Ave	1.117	1.053		9.74	10.3	-5.7	30.0
Methyl tert-butyl ether	Ave	1.568	1.597		10.8	10.6	1.8	30.0
n-Hexane	Ave	0.8399	0.8093		10.1	10.5	-3.6	30.0
1,1-Dichloroethane	Ave	1.199	1.170		10.0	10.3	-2.4	30.0
Vinyl acetate	Ave	0.9885	1.141		11.6	10.1	15.4	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.2554	0.2425		9.84	10.4	-5.0	30.0
cis-1,2-Dichloroethene	Ave	0.7427	0.7729		10.8	10.4	4.1	30.0
Ethyl acetate	Ave	0.0352	0.0373		10.8	10.2	5.9	30.0
Tetrahydrofuran	Ave	0.1020	0.1174		11.3	9.81	15.1	30.0
Chloroform	Ave	1.938	1.958		10.4	10.3	1.0	30.0
1,1,1-Trichloroethane	Ave	0.4252	0.4413		10.7	10.3	3.8	30.0
Cyclohexane	Ave	0.1877	0.1880		10.2	10.2	0.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab Sample ID: ICV 200-166332/16 Calibration Date: 04/30/2021 04:18

Instrument ID: CHG.i Calib Start Date: 04/29/2021 17:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2021 01:36

Lab File ID: 200-45776-016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.4954	0.5491		11.1	10.0	10.8	30.0
Benzene	Ave	0.4918	0.4681		9.89	10.4	-4.8	30.0
1,2-Dichloroethane	Ave	0.2343	0.2389		10.7	10.5	2.0	30.0
2,2,4-Trimethylpentane	Ave	0.7950	0.8322		10.6	10.1	4.7	30.0
n-Heptane	Ave	0.2884	0.3121		11.2	10.3	8.2	30.0
n-Butanol	Ave	0.1164	0.1370		10.7	9.11	17.7	30.0
Trichloroethene	Ave	0.3430	0.3663		11.0	10.3	6.8	30.0
1,2-Dichloropropane	Ave	0.2062	0.2154		10.8	10.3	4.5	30.0
Methyl methacrylate	Ave	0.1720	0.1851		11.0	10.2	7.6	30.0
1,4-Dioxane	Ave	0.1152	0.1378		12.3	10.3	19.6	30.0
Dibromomethane	Ave	0.3523	0.3653		10.7	10.3	3.7	30.0
Bromodichloromethane	Ave	0.5042	0.5442		11.1	10.3	7.9	30.0
cis-1,3-Dichloropropene	Ave	0.3516	0.3906		11.0	9.94	11.1	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.4314	0.4830		11.4	10.2	12.0	30.0
Toluene	Ave	0.4278	0.4538		10.8	10.2	6.1	30.0
n-Octane	Ave	0.4824	0.5001		10.7	10.3	3.7	30.0
trans-1,3-Dichloropropene	Ave	0.3192	0.3455		10.7	9.85	8.2	30.0
1,1,2-Trichloroethane	Ave	0.2269	0.2378		11.0	10.5	4.8	30.0
Tetrachloroethene	Ave	0.4626	0.4856		11.0	10.5	5.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4435	0.4850		11.1	10.1	9.4	30.0
Dibromochloromethane	Ave	0.5928	0.5806		10.4	10.6	-2.1	30.0
1,2-Dibromoethane	Ave	0.4069	0.4338		11.4	10.7	6.6	30.0
Chlorobenzene	Ave	0.5895	0.6347		11.3	10.5	7.7	30.0
Ethylbenzene	Ave	0.9867	1.050		10.9	10.2	6.4	30.0
m,p-Xylene	Ave	0.3432	0.4035		23.5	20.0	17.6	30.0
n-Nonane	Ave	0.4446	0.4587		10.8	10.5	3.2	30.0
o-Xylene	Ave	0.3665	0.3883		11.0	10.4	6.0	30.0
Styrene	Ave	0.5018	0.5920		12.1	10.3	18.0	30.0
Bromoform	Ave	0.5221	0.6100		12.0	10.3	16.9	30.0
Cumene	Ave	1.034	1.163		11.8	10.5	12.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6089	0.6603		11.2	10.3	8.4	30.0
1,2,3-Trichloropropane	Ave	0.4604	0.5026		11.6	10.6	9.2	30.0
n-Propylbenzene	Ave	1.223	1.417		12.0	10.4	15.9	30.0
2-Chlorotoluene	Ave	0.8155	0.9097		11.6	10.4	11.6	30.0
4-Ethyltoluene	Ave	1.005	1.174		12.0	10.2	16.8	30.0
1,3,5-Trimethylbenzene	Ave	0.8946	1.001		11.7	10.5	11.9	30.0
n-Decane	Ave	0.5035	0.5719		11.7	10.3	13.6	30.0
Alpha Methyl Styrene	Ave	0.4260	0.5042		12.0	10.2	18.4	30.0
tert-Butylbenzene	Ave	0.8383	0.9571		11.9	10.4	14.2	30.0
1,2,4-Trimethylbenzene	Ave	0.9129	1.025		11.7	10.4	12.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab Sample ID: ICV 200-166332/16 Calibration Date: 04/30/2021 04:18

Instrument ID: CHG.i Calib Start Date: 04/29/2021 17:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2021 01:36

Lab File ID: 200-45776-016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	1.284	1.458		11.9	10.5	13.6	30.0
1,3-Dichlorobenzene	Ave	0.6543	0.7423		11.5	10.2	13.4	30.0
4-Isopropyltoluene	Ave	1.101	1.233		11.8	10.5	12.0	30.0
1,4-Dichlorobenzene	Ave	0.6446	0.7196		11.6	10.4	11.6	30.0
Benzyl chloride	Ave	0.8091	0.9589		12.0	10.2	18.5	30.0
1,2-Dichlorobenzene	Ave	0.6614	0.6938		11.3	10.8	4.9	30.0
n-Butylbenzene	Ave	1.033	1.183		12.0	10.5	14.5	30.0
n-Undecane	Ave	0.5324	0.5992		12.1	10.7	12.5	30.0
n-Dodecane	Ave	0.4937	0.4940		10.6	10.6	0.0	30.0
1,2,4-Trichlorobenzene	Ave	0.5601	0.6296		12.3	11.0	12.4	30.0
Hexachlorobutadiene	Ave	0.7081	0.7315		11.2	10.8	3.3	30.0
Naphthalene	Ave	1.200	1.244		10.9	10.5	3.7	30.0
1,2,3-Trichlorobenzene	Ave	0.5896	0.5749		10.6	10.9	-2.5	30.0

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-016.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 30-Apr-2021 04:18:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045776-016
Operator ID: ggg Instrument ID: CHG.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Apr-2021 09:38:50 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: bourdeaut Date: 30-Apr-2021 09:38:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.033	3.033	0.000	95	55818	10.1	10.7	
2 Dichlorodifluoromethane	85	3.091	3.091	0.000	99	303302	10.6	10.8	
3 Chlorodifluoromethane	51	3.108	3.107	0.001	96	140394	10.6	10.6	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.300	3.300	0.000	92	271002	10.6	10.4	
5 Chloromethane	50	3.364	3.364	0.000	99	66608	9.94	10.9	
7 Vinyl chloride	62	3.552	3.557	-0.005	99	72789	9.99	9.58	
6 Butane	43	3.562	3.562	0.000	95	95397	10.3	10.6	
8 Butadiene	54	3.626	3.626	0.000	93	48982	9.70	9.39	
9 BFB									
10 Bromomethane	94	4.087	4.086	0.000	97	90533	10.4	10.0	
11 Chloroethane	64	4.268	4.268	0.000	95	30201	10.6	10.6	
12 2-Methylbutane	43	4.440	4.440	0.000	89	68915	10.4	8.83	
13 Vinyl bromide	106	4.579	4.579	0.000	96	94082	10.0	10.4	
14 Trichlorofluoromethane	101	4.707	4.712	-0.005	99	298977	10.4	10.4	
16 Pentane	43	4.878	4.873	0.005	95	116884	10.2	10.3	
17 Ethanol	45	4.921	4.916	0.005	93	53020	14.7	15.3	
18 Ethyl ether	59	5.189	5.183	0.006	91	35412	10.2	10.3	
19 Acrolein	56	5.349	5.344	0.005	94	9463	9.71	10.6	
21 1,1-Dichloroethene	96	5.563	5.563	0.000	98	86342	10.2	9.99	
22 Acetone	43	5.574	5.579	-0.005	100	92146	10.4	10.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.600	5.606	-0.006	96	206215	10.7	10.4	
24 Isopropyl alcohol	45	5.809	5.814	-0.005	100	111316	10.2	11.2	
23 Carbon disulfide	76	5.938	5.937	0.001	100	241810	10.4	10.2	
26 Acetonitrile	41	5.980	5.980	0.000	97	39482	9.72	10.8	
25 3-Chloro-1-propene	41	6.157	6.157	0.000	95	82856	10.7	10.4	
27 Methylene Chloride	49	6.349	6.355	-0.006	94	93741	10.2	10.5	
28 2-Methyl-2-propanol	59	6.521	6.521	0.000	96	145607	10.8	11.8	
32 Acrylonitrile	53	6.681	6.686	-0.005	87	37356	10.2	11.3	
31 trans-1,2-Dichloroethene	61	6.852	6.847	0.005	97	121821	10.3	9.74	
29 Methyl tert-butyl ether	73	6.874	6.868	0.006	95	188800	10.6	10.8	
33 Hexane	57	7.387	7.377	0.011	89	94883	10.5	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 1,1-Dichloroethane	63	7.564	7.564	0.000	99	134512	10.3	10.0	
35 Vinyl acetate	43	7.575	7.574	0.000	99	128635	10.1	11.6	
38 2-Butanone (MEK)	72	8.484	8.484	0.000	100	28135	10.4	9.84	
37 cis-1,2-Dichloroethene	96	8.527	8.521	0.006	94	89748	10.4	10.8	
39 Ethyl acetate	88	8.596	8.602	-0.006	99	4264	10.2	10.8	
* 40 Chlorobromomethane	128	8.928	8.928	0.000	79	112003	10.0	10.0	
41 Tetrahydrofuran	42	9.014	9.003	0.011	90	68704	9.81	11.3	
42 Chloroform	83	9.110	9.110	0.000	97	226329	10.3	10.4	
44 1,1,1-Trichloroethane	97	9.452	9.452	0.000	95	271642	10.3	10.7	
43 Cyclohexane	84	9.634	9.629	0.005	96	114587	10.2	10.2	
S 30 1,2-Dichloroethene, Total	61				0		20.0	20.5	
45 Carbon tetrachloride	117	9.763	9.762	0.001	98	329159	10.0	11.1	
47 Benzene	78	10.094	10.094	0.000	96	290081	10.4	9.89	
48 1,2-Dichloroethane	62	10.148	10.142	0.006	97	149078	10.5	10.7	
46 Isooctane	57	10.405	10.399	0.005	97	503333	10.1	10.6	
49 n-Heptane	43	10.742	10.747	-0.005	95	191918	10.3	11.2	
* 50 1,4-Difluorobenzene	114	10.891	10.897	-0.006	94	596589	10.0	10.0	
52 n-Butanol	56	11.137	11.137	0.000	93	74463	9.11	10.7	
53 Trichloroethene	95	11.384	11.389	-0.005	97	224840	10.3	11.0	
54 1,2-Dichloropropane	63	11.865	11.865	0.000	89	133008	10.3	10.8	
55 Methyl methacrylate	69	12.009	12.009	0.000	93	112744	10.2	11.0	
56 1,4-Dioxane	88	12.025	12.025	0.000	49	84591	10.3	12.3	
57 Dibromomethane	174	12.025	12.025	0.000	96	225302	10.3	10.7	
A 51 GRO	1	12.346	(4.430-20.263)		0	54375710	649.9	0	
58 Dichlorobromomethane	83	12.379	12.384	-0.005	98	334009	10.3	11.1	
60 cis-1,3-Dichloropropene	75	13.283	13.283	0.000	94	231596	9.94	11.0	
61 4-Methyl-2-pentanone (MIBK)	43	13.577	13.571	0.006	98	293577	10.2	11.4	
65 Toluene	92	14.005	13.999	0.006	94	271062	10.2	10.8	
A 63 Toluene Range	92	13.999	(13.959-14.039)		0	1114715	NC	NC	
A 59 TVOC as Toluene	92	14.053	(3.023-25.083)		0	87264182	899.8	0	
64 n-Octane	43	14.363	14.358	0.005	93	307272	10.3	10.7	
A 62 C8 Range	1	14.349	(14.308-14.408)		0	1202334	NC	NC	
66 trans-1,3-Dichloropropene	75	14.427	14.427	0.000	97	202982	9.85	10.7	
67 1,1,2-Trichloroethane	83	14.818	14.818	0.000	97	146084	10.5	11.0	
68 Tetrachloroethene	166	15.091	15.091	0.000	96	297693	10.5	11.0	
69 2-Hexanone	43	15.289	15.289	0.000	93	287159	10.1	11.1	
71 Chlorodibromomethane	129	15.610	15.610	0.000	97	360369	10.6	10.4	
72 Ethylene Dibromide	107	15.861	15.856	0.005	98	270766	10.7	11.4	
* 74 Chlorobenzene-d5	117	16.856	16.851	0.005	86	585695	10.0	10.0	
75 Chlorobenzene	112	16.915	16.915	0.000	95	390277	10.5	11.3	
76 Ethylbenzene	91	17.150	17.150	0.000	99	628749	10.2	10.9	
78 m-Xylene & p-Xylene	106	17.434	17.434	0.000	0	472562	20.0	23.5	
77 n-Nonane	57	17.573	17.573	0.000	90	281207	10.5	10.8	
79 o-Xylene	106	18.236	18.236	0.000	97	235821	10.4	11.0	
80 Styrene	104	18.269	18.263	0.006	99	356358	10.3	12.1	
81 Bromoform	173	18.606	18.606	0.000	96	367942	10.3	12.0	
82 Isopropylbenzene	105	19.034	19.034	0.000	96	712573	10.5	11.8	
* 83 4-Bromofluorobenzene	95	19.349	19.349	0.000	94	458131	10.0	10.0	
84 1,1,2,2-Tetrachloroethane	83	19.569	19.563	0.006	99	400208	10.3	11.2	
S 73 Xylenes, Total	106				0		30.0	34.5	
86 1,2,3-Trichloropropane	75	19.670	19.670	0.000	99	313144	10.6	11.6	
85 N-Propylbenzene	91	19.836	19.836	0.000	99	859893	10.4	12.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 2-Chlorotoluene	91	19.975	19.975	0.000	97	555637	10.4	11.6	
88 4-Ethyltoluene	105	20.061	20.055	0.006	99	704409	10.2	12.0	
90 1,3,5-Trimethylbenzene	105	20.162	20.162	0.000	92	614875	10.5	11.7	
87 n-Decane	57	20.253	20.253	0.000	91	346278	10.3	11.7	
91 Alpha Methyl Styrene	118	20.510	20.510	0.000	87	299989	10.2	12.0	
92 tert-Butylbenzene	119	20.687	20.681	0.006	90	582866	10.4	11.9	
93 1,2,4-Trimethylbenzene	105	20.778	20.778	0.000	98	626746	10.4	11.7	
94 sec-Butylbenzene	105	21.034	21.034	0.000	99	893306	10.5	11.9	
96 1,3-Dichlorobenzene	146	21.195	21.195	0.000	98	442037	10.2	11.5	
95 4-Isopropyltoluene	119	21.270	21.270	0.000	97	758320	10.5	11.8	
97 1,4-Dichlorobenzene	146	21.345	21.345	0.000	95	438240	10.4	11.6	
98 Benzyl chloride	91	21.489	21.489	0.000	98	570492	10.2	12.0	
101 1,2-Dichlorobenzene	146	21.842	21.842	0.000	93	437134	10.8	11.3	
100 n-Butylbenzene	91	21.848	21.847	0.001	98	727773	10.5	12.0	
99 Undecane	57	22.040	22.040	0.000	94	376142	10.7	12.1	
102 Dodecane	57	23.608	23.608	0.000	97	307802	10.6	10.6	
103 1,2,4-Trichlorobenzene	180	24.239	24.239	0.000	95	404836	11.0	12.3	
104 Hexachlorobutadiene	225	24.506	24.506	0.000	97	464794	10.8	11.2	
105 Naphthalene	128	24.678	24.677	0.001	99	765028	10.5	10.9	
106 1,2,3-Trichlorobenzene	180	25.073	25.073	0.000	95	365614	10.9	10.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00824	Amount Added: 200.00	Units: mL	
ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

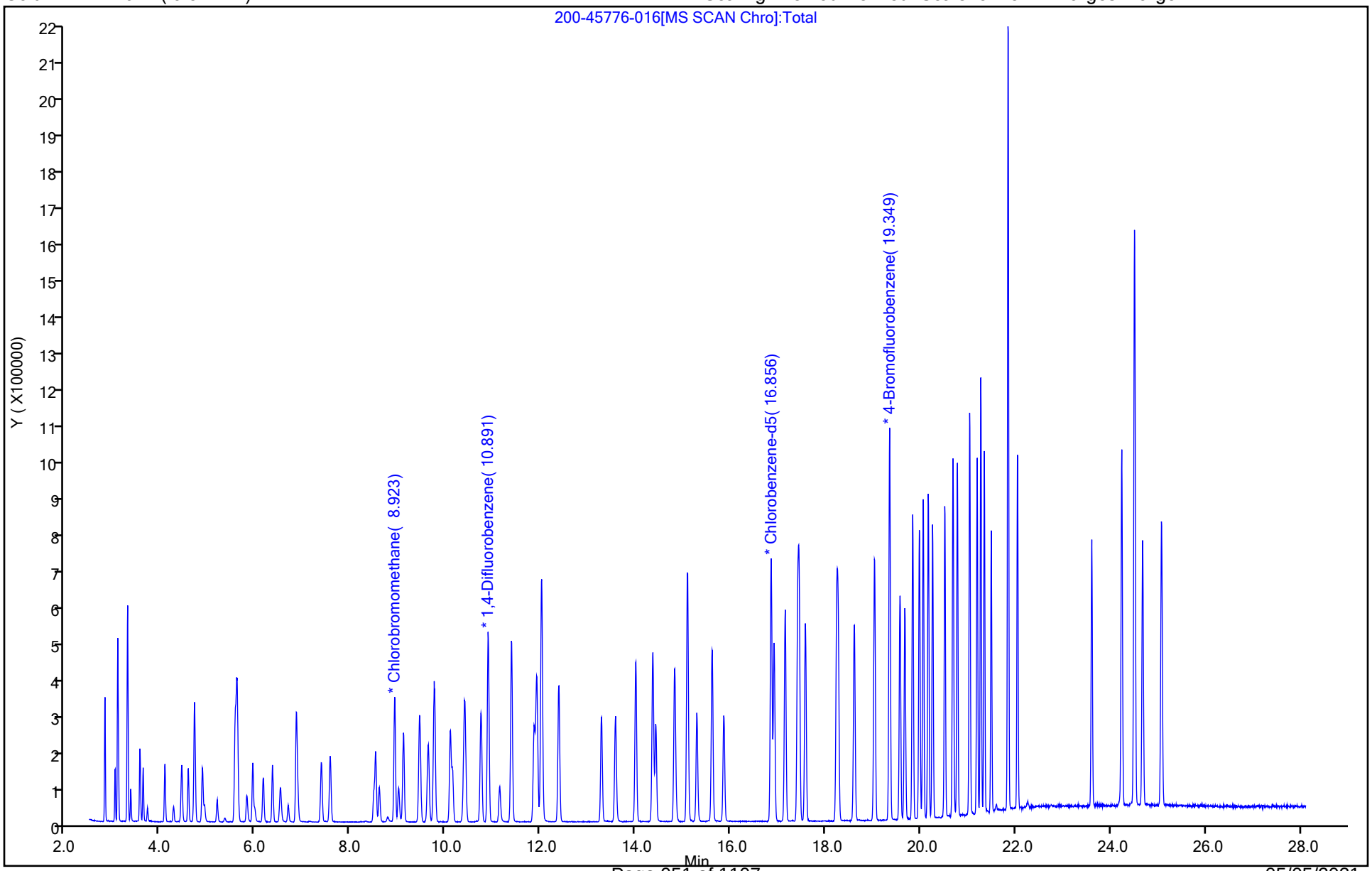
Report Date: 30-Apr-2021 09:39:07 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-016.D

Injection Date:	30-Apr-2021 04:18:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	icv			Worklist Smp#:	16
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab Sample ID: CCVIS 200-166409/2 Calibration Date: 05/03/2021 08:29

Instrument ID: CHG.i Calib Start Date: 04/29/2021 17:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2021 01:36

Lab File ID: 200-45799-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4678	0.6078		13.4	10.3	29.9	30.0
Dichlorodifluoromethane	Ave	2.502	3.132		13.1	10.4	25.2	30.0
Chlorodifluoromethane	Ave	1.187	1.517		13.4	10.5	27.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.332	2.783		12.4	10.4	19.3	30.0
Chloromethane	Ave	0.5476	0.6637		13.2	10.9	21.2	30.0
Vinyl chloride	Ave	0.6785	0.7704		11.8	10.4	13.5	30.0
n-Butane	Ave	0.8070	1.032		13.2	10.4	27.8	30.0
1,3-Butadiene	Ave	0.4657	0.5440		11.8	10.1	16.8	30.0
Bromomethane	Ave	0.8069	0.9171		11.7	10.3	13.7	30.0
Chloroethane	Ave	0.2548	0.2895		11.8	10.4	13.6	30.0
Isopentane	Ave	0.6970	0.7214		10.8	10.4	3.5	30.0
Bromoethene(Vinyl Bromide)	Ave	0.8056	0.9035		11.7	10.4	12.2	30.0
Trichlorofluoromethane	Ave	2.556	2.888		11.9	10.6	13.0	30.0
n-Pentane	Ave	1.018	1.173		11.7	10.1	15.2	30.0
Ethanol	Ave	0.3086	0.3840		18.7	15.0	24.4	30.0
Ethyl ether	Ave	0.3069	0.3677		12.1	10.1	19.8	30.0
Acrolein	Ave	0.0797	0.0848		10.3	9.72	6.4	30.0
1,1-Dichloroethene	Ave	0.7717	0.7877		10.5	10.3	2.1	30.0
Acetone	Ave	0.7609	0.9895		13.3	10.2	30.0	30.0
1,1,2-Trichlorotrifluoroethane	Ave	1.777	1.894		11.2	10.5	6.6	30.0
Isopropyl alcohol	Ave	0.8900	1.101		12.6	10.2	23.8	30.0
Carbon disulfide	Ave	2.109	2.316		11.2	10.2	9.8	30.0
Acetonitrile	Ave	0.3262	0.4213		12.8	9.90	29.2	30.0
3-Chloropropene	Ave	0.7146	0.7918		11.8	10.6	10.8	30.0
Methylene Chloride	Ave	0.7987	0.8890		11.4	10.3	11.3	30.0
tert-Butyl alcohol	Ave	1.100	1.359		13.3	10.8	23.5	30.0
Acrylonitrile	Ave	0.2940	0.3850		13.2	10.1	30.9*	30.0
trans-1,2-Dichloroethene	Ave	1.117	1.156		10.6	10.2	3.5	30.0
Methyl tert-butyl ether	Ave	1.568	1.797		12.0	10.4	14.6	30.0
n-Hexane	Ave	0.8399	0.8647		10.9	10.6	3.0	30.0
1,1-Dichloroethane	Ave	1.199	1.245		10.4	10.0	3.8	30.0
Vinyl acetate	Ave	0.9885	1.249		13.1	10.4	26.4	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.2554	0.2632		10.7	10.3	3.1	30.0
cis-1,2-Dichloroethene	Ave	0.7427	0.7937		10.8	10.1	6.9	30.0
Ethyl acetate	Ave	0.0352	0.0415		11.9	10.1	17.8	30.0
Tetrahydrofuran	Ave	0.1020	0.1261		12.3	9.99	23.6	30.0
Chloroform	Ave	1.938	2.020		10.5	10.1	4.2	30.0
1,1,1-Trichloroethane	Ave	0.4252	0.4551		10.9	10.2	7.0	30.0
Cyclohexane	Ave	0.1877	0.1907		10.3	10.1	1.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab Sample ID: CCVIS 200-166409/2 Calibration Date: 05/03/2021 08:29

Instrument ID: CHG.i Calib Start Date: 04/29/2021 17:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2021 01:36

Lab File ID: 200-45799-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.4954	0.5534		11.3	10.2	11.7	30.0
Benzene	Ave	0.4918	0.4855		10.2	10.3	-1.3	30.0
1,2-Dichloroethane	Ave	0.2343	0.2521		11.1	10.4	7.6	30.0
2,2,4-Trimethylpentane	Ave	0.7950	0.8122		10.7	10.5	2.2	30.0
n-Heptane	Ave	0.2884	0.3104		11.3	10.5	7.6	30.0
n-Butanol	Ave	0.1164	0.1346		11.0	9.55	15.5	30.0
Trichloroethene	Ave	0.3430	0.3479		10.7	10.5	1.4	30.0
1,2-Dichloropropane	Ave	0.2062	0.2208		11.0	10.3	7.0	30.0
Methyl methacrylate	Ave	0.1720	0.1906		11.3	10.2	10.8	30.0
Dibromomethane	Ave	0.3523	0.3534		10.3	10.3	0.3	30.0
1,4-Dioxane	Ave	0.1152	0.1321		12.1	10.6	14.7	30.0
Bromodichloromethane	Ave	0.5042	0.5336		11.2	10.6	5.8	30.0
cis-1,3-Dichloropropene	Ave	0.3516	0.3759		11.1	10.4	6.9	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.4314	0.4993		11.9	10.2	15.8	30.0
Toluene	Ave	0.4278	0.4958		11.8	10.2	15.9	30.0
n-Octane	Ave	0.4824	0.5012		10.7	10.3	3.9	30.0
trans-1,3-Dichloropropene	Ave	0.3192	0.3554		11.0	9.88	11.3	30.0
1,1,2-Trichloroethane	Ave	0.2269	0.2590		12.0	10.5	14.1	30.0
Tetrachloroethene	Ave	0.4626	0.5151		11.7	10.5	11.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4435	0.5267		11.9	9.99	18.7	30.0
Dibromochloromethane	Ave	0.5928	0.7003		11.4	9.68	18.1	30.0
1,2-Dibromoethane	Ave	0.4069	0.4778		12.5	10.6	17.4	30.0
Chlorobenzene	Ave	0.5895	0.6746		12.0	10.5	14.4	30.0
Ethylbenzene	Ave	0.9867	1.150		11.9	10.2	16.6	30.0
m,p-Xylene	Ave	0.3432	0.4297		25.7	20.6	25.2	30.0
n-Nonane	Ave	0.4446	0.5010		11.8	10.5	12.7	30.0
o-Xylene	Ave	0.3665	0.4209		11.9	10.4	14.8	30.0
Styrene	Ave	0.5018	0.6382		13.1	10.3	27.2	30.0
Bromoform	Ave	0.5221	0.6701		13.2	10.3	28.4	30.0
Cumene	Ave	1.034	1.263		12.7	10.4	22.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6089	0.7088		12.0	10.3	16.4	30.0
1,2,3-Trichloropropane	Ave	0.4604	0.5466		12.6	10.6	18.7	30.0
n-Propylbenzene	Ave	1.223	1.538		13.1	10.4	25.7	30.0
2-Chlorotoluene	Ave	0.8155	0.9701		12.4	10.4	18.9	30.0
4-Ethyltoluene	Ave	1.005	1.263		13.0	10.3	25.7	30.0
1,3,5-Trimethylbenzene	Ave	0.8946	1.113		12.9	10.4	24.5	30.0
n-Decane	Ave	0.5035	0.6227		12.9	10.4	23.7	30.0
Alpha Methyl Styrene	Ave	0.4260	0.5287		12.7	10.2	24.1	30.0
tert-Butylbenzene	Ave	0.8383	1.041		12.9	10.4	24.2	30.0
1,2,4-Trimethylbenzene	Ave	0.9129	1.098		12.5	10.4	20.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab Sample ID: CCVIS 200-166409/2 Calibration Date: 05/03/2021 08:29

Instrument ID: CHG.i Calib Start Date: 04/29/2021 17:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2021 01:36

Lab File ID: 200-45799-002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	1.284	1.579		12.9	10.5	23.0	30.0
1,3-Dichlorobenzene	Ave	0.6543	0.7693		12.4	10.6	17.6	30.0
4-Isopropyltoluene	Ave	1.101	1.368		12.8	10.3	24.3	30.0
1,4-Dichlorobenzene	Ave	0.6446	0.7663		12.4	10.5	18.9	30.0
Benzyl chloride	Ave	0.8091	1.016		13.3	10.6	25.6	30.0
1,2-Dichlorobenzene	Ave	0.6614	0.7829		12.4	10.4	18.4	30.0
n-Butylbenzene	Ave	1.033	1.293		13.0	10.4	25.2	30.0
n-Undecane	Ave	0.5324	0.6632		13.0	10.5	24.6	30.0
n-Dodecane	Ave	0.4937	0.5440		10.3	9.36	10.2	30.0
1,2,4-Trichlorobenzene	Ave	0.5601	0.6401		12.4	10.9	14.3	30.0
Hexachlorobutadiene	Ave	0.7081	0.7966		11.5	10.3	12.5	30.0
Naphthalene	Ave	1.200	1.329		10.8	9.72	10.7	30.0
1,2,3-Trichlorobenzene	Ave	0.5896	0.6654		10.3	9.12	12.9	30.0

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-002.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 03-May-2021 08:29:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045799-002
Operator ID: ggg Instrument ID: CHG.i
Sublist: chrom-TO15_MasterMethod_(v1)_G*sub9

Method: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 03-May-2021 12:51:01 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1628

First Level Reviewer: bourdeaut Date: 03-May-2021 12:51:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.038	3.038	0.000	95	62788	10.3	13.4	M
2 Dichlorodifluoromethane	85	3.091	3.091	0.000	99	327334	10.4	13.1	
3 Chlorodifluoromethane	51	3.107	3.107	0.000	98	159174	10.5	13.4	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.300	3.300	0.000	93	290056	10.4	12.4	
5 Chloromethane	50	3.369	3.369	0.000	99	72557	10.9	13.2	
7 Vinyl chloride	62	3.557	3.557	0.000	98	80128	10.4	11.8	
6 Butane	43	3.567	3.567	0.000	94	106987	10.4	13.2	
8 Butadiene	54	3.632	3.632	0.000	94	55111	10.1	11.8	
9 BFB									
10 Bromomethane	94	4.086	4.086	0.000	97	94656	10.3	11.7	
11 Chloroethane	64	4.273	4.273	0.000	96	30112	10.4	11.8	
12 2-Methylbutane	43	4.439	4.439	0.000	90	75394	10.4	10.8	
13 Vinyl bromide	106	4.584	4.584	0.000	95	94243	10.4	11.7	
14 Trichlorofluoromethane	101	4.718	4.718	0.000	98	305332	10.6	11.9	
16 Pentane	43	4.883	4.883	0.000	93	118965	10.1	11.7	
17 Ethanol	45	4.926	4.926	0.000	95	57685	15.0	18.7	
18 Ethyl ether	59	5.188	5.188	0.000	92	37098	10.1	12.1	
19 Acrolein	56	5.354	5.354	0.000	95	8248	9.72	10.3	
21 1,1-Dichloroethene	96	5.568	5.568	0.000	96	81056	10.3	10.5	
22 Acetone	43	5.579	5.579	0.000	100	101435	10.2	13.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.611	5.611	0.000	96	198887	10.5	11.2	
24 Isopropyl alcohol	45	5.820	5.820	0.000	99	112684	10.2	12.6	
23 Carbon disulfide	76	5.943	5.943	0.000	99	235514	10.2	11.2	
26 Acetonitrile	41	5.980	5.980	0.000	97	41751	9.90	12.8	
25 3-Chloro-1-propene	41	6.157	6.157	0.000	96	84416	10.6	11.8	
27 Methylene Chloride	49	6.360	6.360	0.000	95	91483	10.3	11.4	
28 2-Methyl-2-propanol	59	6.520	6.520	0.000	95	146706	10.8	13.3	
32 Acrylonitrile	53	6.686	6.686	0.000	93	38963	10.1	13.2	
31 trans-1,2-Dichloroethene	61	6.857	6.857	0.000	96	118084	10.2	10.6	
29 Methyl tert-butyl ether	73	6.873	6.873	0.000	95	187994	10.4	12.0	
33 Hexane	57	7.382	7.382	0.000	86	91669	10.6	10.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 1,1-Dichloroethane	63	7.564	7.564	0.000	99	124612	10.0	10.4	
35 Vinyl acetate	43	7.580	7.580	0.000	100	129904	10.4	13.1	
38 2-Butanone (MEK)	72	8.489	8.489	0.000	100	27246	10.3	10.7	
37 cis-1,2-Dichloroethene	96	8.526	8.526	0.000	95	80246	10.1	10.8	
39 Ethyl acetate	88	8.607	8.607	0.000	99	4206	10.1	11.9	
* 40 Chlorobromomethane	128	8.928	8.928	0.000	81	100124	10.0	10.0	
41 Tetrahydrofuran	42	9.008	9.008	0.000	87	67208	9.99	12.3	
42 Chloroform	83	9.115	9.115	0.000	97	204266	10.1	10.5	
44 1,1,1-Trichloroethane	97	9.457	9.457	0.000	95	247362	10.2	10.9	
43 Cyclohexane	84	9.634	9.634	0.000	95	103230	10.1	10.3	
S 30 1,2-Dichloroethene, Total	61				0		20.3	21.4	
45 Carbon tetrachloride	117	9.762	9.762	0.000	98	299895	10.2	11.3	
47 Benzene	78	10.099	10.099	0.000	97	267487	10.3	10.2	
48 1,2-Dichloroethane	62	10.147	10.147	0.000	98	139308	10.4	11.1	
46 Isooctane	57	10.399	10.399	0.000	97	453586	10.5	10.7	
49 n-Heptane	43	10.741	10.741	0.000	96	173986	10.5	11.3	
* 50 1,4-Difluorobenzene	114	10.896	10.896	0.000	94	533480	10.0	10.0	
52 n-Butanol	56	11.137	11.137	0.000	93	68539	9.55	11.0	
53 Trichloroethene	95	11.389	11.389	0.000	97	195390	10.5	10.7	
54 1,2-Dichloropropane	63	11.865	11.865	0.000	88	121394	10.3	11.0	
55 Methyl methacrylate	69	12.009	12.009	0.000	93	103302	10.2	11.3	
57 Dibromomethane	174	12.025	12.025	0.000	96	194154	10.3	10.3	
56 1,4-Dioxane	88	12.031	12.031	0.000	50	74561	10.6	12.1	
A 51 GRO	1	12.349	(4.429-20.268)		0	50212457	649.9	0	
58 Dichlorobromomethane	83	12.384	12.384	0.000	98	300831	10.6	11.2	
60 cis-1,3-Dichloropropene	75	13.282	13.282	0.000	95	208311	10.4	11.1	
61 4-Methyl-2-pentanone (MIBK)	43	13.577	13.577	0.000	98	272733	10.2	11.9	
A 63 Toluene Range	92	14.005	(13.965-14.045)		0	1000882	NC	NC	
65 Toluene	92	14.005	14.005	0.000	94	243726	10.2	11.8	
A 59 TVOC as Toluene	92	14.058	(3.028-25.088)		0	79772160	899.8	0	
64 n-Octane	43	14.363	14.363	0.000	93	276136	10.3	10.7	
A 62 C8 Range	1	14.352	(14.313-14.413)		0	1097098	NC	NC	
66 trans-1,3-Dichloropropene	75	14.427	14.427	0.000	97	187295	9.88	11.0	
67 1,1,2-Trichloroethane	83	14.823	14.823	0.000	97	131310	10.5	12.0	
68 Tetrachloroethene	166	15.096	15.096	0.000	96	261660	10.5	11.7	
69 2-Hexanone	43	15.294	15.294	0.000	93	254554	9.99	11.9	
71 Chlorodibromomethane	129	15.615	15.615	0.000	97	327966	9.68	11.4	
72 Ethylene Dibromide	107	15.856	15.856	0.000	98	245264	10.6	12.5	
* 74 Chlorobenzene-d5	117	16.856	16.856	0.000	87	483896	10.0	10.0	
75 Chlorobenzene	112	16.920	16.920	0.000	94	342358	10.5	12.0	
76 Ethylbenzene	91	17.150	17.150	0.000	99	568652	10.2	11.9	
78 m-Xylene & p-Xylene	106	17.439	17.439	0.000	0	427441	20.6	25.7	
77 n-Nonane	57	17.578	17.578	0.000	89	254009	10.5	11.8	
79 o-Xylene	106	18.236	18.236	0.000	98	210985	10.4	11.9	
80 Styrene	104	18.268	18.268	0.000	99	318657	10.3	13.1	
81 Bromoform	173	18.605	18.605	0.000	96	333587	10.3	13.2	
82 Isopropylbenzene	105	19.033	19.033	0.000	97	637263	10.4	12.7	
* 83 4-Bromofluorobenzene	95	19.349	19.349	0.000	93	375268	10.0	10.0	
84 1,1,2,2-Tetrachloroethane	83	19.568	19.568	0.000	99	354598	10.3	12.0	
S 73 Xylenes, Total	106				0		30.9	37.6	
86 1,2,3-Trichloropropane	75	19.670	19.670	0.000	99	280043	10.6	12.6	
85 N-Propylbenzene	91	19.836	19.836	0.000	98	773831	10.4	13.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 2-Chlorotoluene	91	19.980	19.980	0.000	97	489963	10.4	12.4	
88 4-Ethyltoluene	105	20.060	20.060	0.000	99	631315	10.3	13.0	
90 1,3,5-Trimethylbenzene	105	20.167	20.167	0.000	92	559692	10.4	12.9	
87 n-Decane	57	20.258	20.258	0.000	91	313935	10.4	12.9	
91 Alpha Methyl Styrene	118	20.515	20.515	0.000	87	260888	10.2	12.7	
92 tert-Butylbenzene	119	20.686	20.686	0.000	91	521639	10.4	12.9	
93 1,2,4-Trimethylbenzene	105	20.777	20.777	0.000	98	552672	10.4	12.5	
94 sec-Butylbenzene	105	21.039	21.039	0.000	98	799106	10.5	12.9	
96 1,3-Dichlorobenzene	146	21.195	21.195	0.000	98	393774	10.6	12.4	
95 4-Isopropyltoluene	119	21.269	21.269	0.000	97	682553	10.3	12.8	
97 1,4-Dichlorobenzene	146	21.344	21.344	0.000	95	388182	10.5	12.4	
98 Benzyl chloride	91	21.494	21.494	0.000	98	520240	10.6	13.3	
101 1,2-Dichlorobenzene	146	21.842	21.842	0.000	94	395442	10.4	12.4	
100 n-Butylbenzene	91	21.847	21.847	0.000	98	650199	10.4	13.0	
99 Undecane	57	22.045	22.045	0.000	94	335599	10.5	13.0	
102 Dodecane	57	23.607	23.607	0.000	96	246347	9.36	10.3	
103 1,2,4-Trichlorobenzene	180	24.239	24.239	0.000	94	336304	10.9	12.4	
104 Hexachlorobutadiene	225	24.511	24.511	0.000	98	395425	10.3	11.5	
105 Naphthalene	128	24.683	24.683	0.000	99	624816	9.72	10.8	
106 1,2,3-Trichlorobenzene	180	25.078	25.078	0.000	95	293584	9.12	10.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL4w_00761	Amount Added: 200.00	Units: mL	
ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

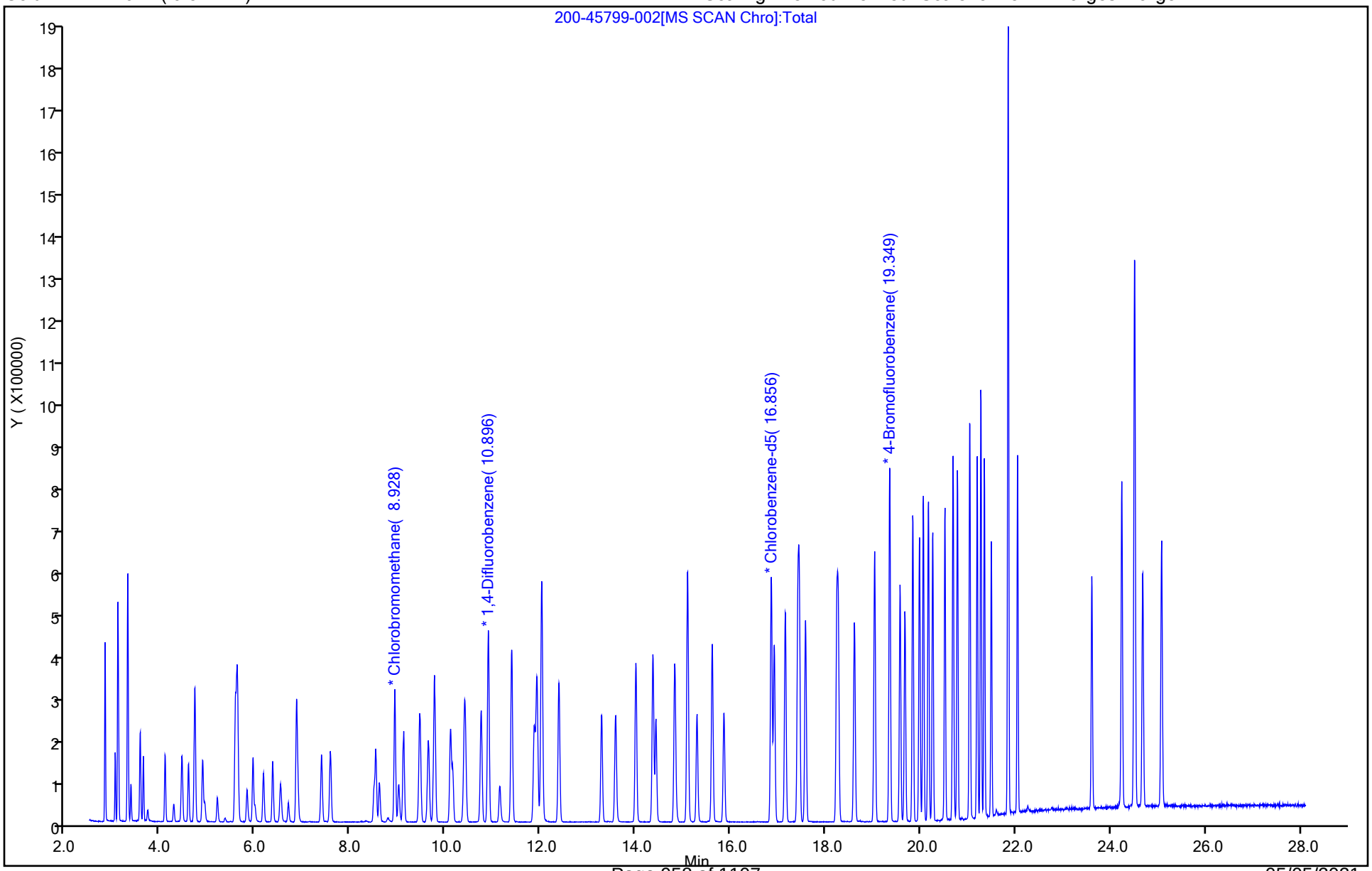
Report Date: 03-May-2021 12:51:01 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-002.D

Injection Date:	03-May-2021 08:29:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

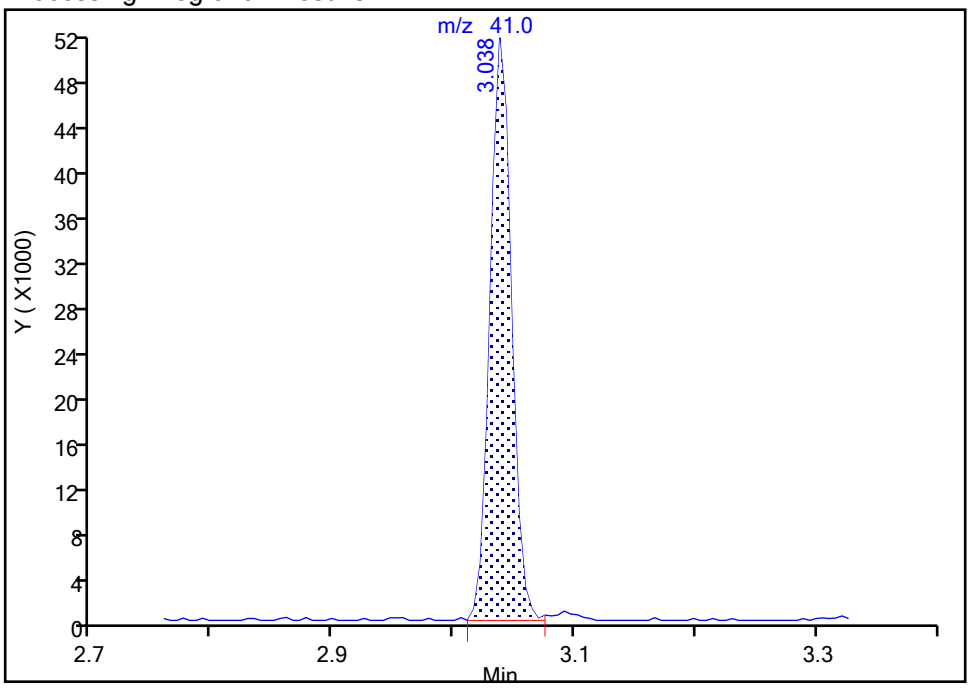
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-002.D				
Injection Date:	03-May-2021 08:29:30	Instrument ID:	CHG.i		
Lims ID:	ccvis				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	1	Worklist Smp#:	2
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

1 Propene, CAS: 115-07-1

Signal: 1

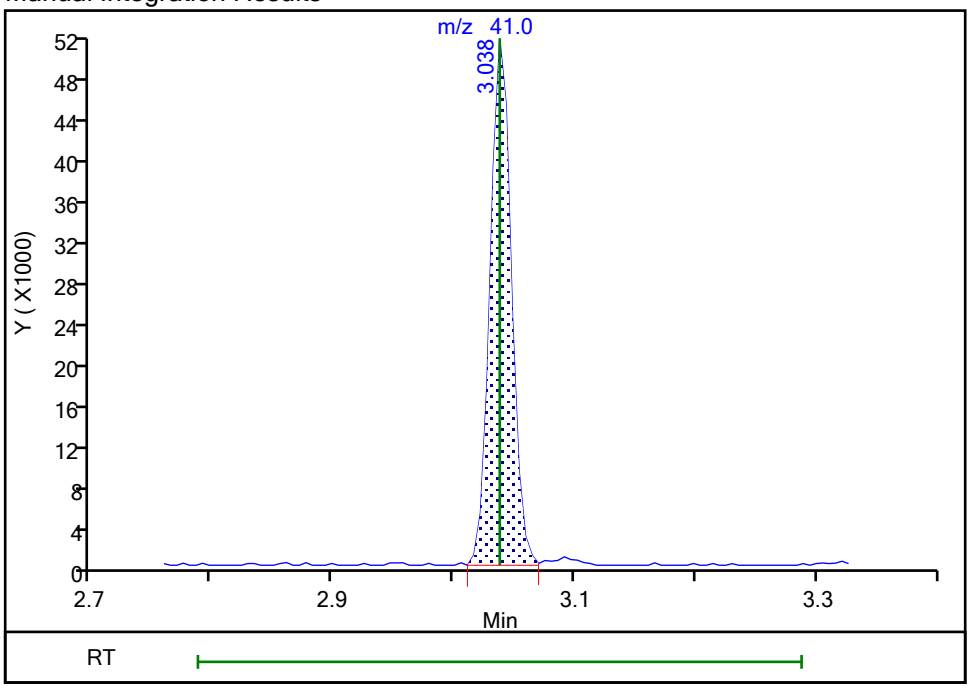
Processing Integration Results

RT: 3.04
Area: 62935
Amount: 13.435342
Amount Units: ppb v/v



Manual Integration Results

RT: 3.04
Area: 62788
Amount: 13.403960
Amount Units: ppb v/v



Reviewer: bourdeaut, 03-May-2021 09:36:16

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab Sample ID: ICV 200-165684/26 Calibration Date: 04/09/2021 14:30

Instrument ID: CHX.i Calib Start Date: 04/08/2021 17:20

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/09/2021 11:15

Lab File ID: 45522-26.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.346	1.282		9.65	10.1	-4.8	30.0
Dichlorodifluoromethane	Ave	3.747	3.640		10.3	10.6	-2.8	30.0
Chlorodifluoromethane	Ave	2.278	2.159		10.0	10.6	-5.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.381	4.167		10.1	10.6	-4.9	30.0
Chloromethane	Ave	1.332	1.401		10.4	9.94	5.1	30.0
Vinyl chloride	Ave	1.393	1.411		10.1	9.99	1.2	30.0
n-Butane	Ave	1.892	1.800		9.80	10.3	-4.9	30.0
1,3-Butadiene	Ave	1.015	1.060		10.1	9.70	4.4	30.0
Bromomethane	Ave	1.412	1.381		10.2	10.4	-2.2	30.0
Chloroethane	Ave	0.7216	0.6979		10.2	10.6	-3.3	30.0
Isopentane	Ave	1.424	1.332		9.77	10.4	-6.5	30.0
Bromoethene(Vinyl Bromide)	Ave	1.358	1.399		10.4	10.0	3.1	30.0
Trichlorofluoromethane	Ave	3.045	2.998		10.2	10.4	-1.5	30.0
n-Pentane	Ave	1.926	1.829		9.70	10.2	-5.0	30.0
Ethanol	Ave	0.7146	0.6284		12.9	14.7	-12.1	30.0
Ethyl ether	Ave	0.8103	0.7868		9.93	10.2	-2.9	30.0
Acrolein	Ave	0.4390	0.4464		9.87	9.71	1.7	30.0
1,1-Dichloroethene	Ave	1.263	1.162		9.38	10.2	-8.0	30.0
1,1,2-Trichlorotrifluoroethane	Ave	2.494	2.302		9.86	10.7	-7.7	30.0
Acetone	Ave	1.672	1.416		8.84	10.4	-15.3	30.0
Isopropyl alcohol	Ave	1.917	1.867		9.90	10.2	-2.6	30.0
Carbon disulfide	Ave	3.334	3.232		10.0	10.4	-3.1	30.0
Acetonitrile	Ave	0.6680	0.6683		9.72	9.72	0.0	30.0
3-Chloropropene	Ave	1.174	1.128		10.3	10.7	-4.0	30.0
Methylene Chloride	Ave	1.074	1.049		10.0	10.2	-2.3	30.0
tert-Butyl alcohol	Ave	2.073	2.087		10.9	10.8	0.7	30.0
Acrylonitrile	Ave	0.6937	0.6739		9.90	10.2	-2.9	30.0
Methyl tert-butyl ether	Ave	3.206	3.095		10.2	10.6	-3.4	30.0
trans-1,2-Dichloroethene	Ave	1.500	1.487		10.2	10.3	-0.9	30.0
n-Hexane	Ave	1.606	1.565		10.2	10.5	-2.5	30.0
Vinyl acetate	Ave	2.315	2.313		10.1	10.1	-0.0	30.0
1,1-Dichloroethane	Ave	1.907	1.832		9.87	10.3	-3.9	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.5846	0.5560		9.85	10.4	-4.9	30.0
cis-1,2-Dichloroethene	Ave	1.174	1.196		10.6	10.4	1.9	30.0
Ethyl acetate	Ave	0.1110	0.1043		9.59	10.2	-6.0	30.0
Tetrahydrofuran	Ave	0.2114	0.2093		9.71	9.81	-1.0	30.0
Chloroform	Ave	2.403	2.255		9.68	10.3	-6.2	30.0
1,1,1-Trichloroethane	Ave	0.4999	0.4747		9.80	10.3	-5.0	30.0
Cyclohexane	Ave	0.3237	0.3182		10.0	10.2	-1.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab Sample ID: ICV 200-165684/26 Calibration Date: 04/09/2021 14:30

Instrument ID: CHX.i Calib Start Date: 04/08/2021 17:20

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/09/2021 11:15

Lab File ID: 45522-26.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5178	0.5271		10.2	10.0	1.8	30.0
Benzene	Ave	0.7427	0.7115		9.95	10.4	-4.2	30.0
1,2-Dichloroethane	Ave	0.2859	0.2716		9.94	10.5	-5.0	30.0
2,2,4-Trimethylpentane	Ave	1.058	1.063		10.2	10.1	0.5	30.0
n-Heptane	Ave	0.3477	0.3414		10.1	10.3	-1.8	30.0
n-Butanol	Ave	0.1573	0.1711		9.91	9.11	8.8	30.0
Trichloroethene	Ave	0.3188	0.3245		10.5	10.3	1.8	30.0
1,2-Dichloropropane	Ave	0.2459	0.2407		10.1	10.3	-2.1	30.0
Methyl methacrylate	Ave	0.2421	0.2392		10.1	10.2	-1.2	30.0
1,4-Dioxane	Ave	0.1496	0.1596		11.0	10.3	6.7	30.0
Dibromomethane	Ave	0.3726	0.3678		10.2	10.3	-1.3	30.0
Bromodichloromethane	Ave	0.4814	0.4884		10.4	10.3	1.5	30.0
cis-1,3-Dichloropropene	Ave	0.4261	0.4443		10.4	9.94	4.3	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.4422	0.4286		9.87	10.2	-3.1	30.0
Toluene	Ave	0.6815	0.6751		10.1	10.2	-0.9	30.0
n-Octane	Ave	0.4661	0.4560		10.1	10.3	-2.2	30.0
trans-1,3-Dichloropropene	Ave	0.3688	0.3704		9.89	9.85	0.5	30.0
1,1,2-Trichloroethane	Ave	0.3057	0.3068		10.5	10.5	0.4	30.0
Tetrachloroethene	Ave	0.6444	0.6397		10.4	10.5	-0.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4763	0.4897		10.4	10.1	2.8	30.0
Dibromochloromethane	Ave	0.6965	0.6607		10.1	10.6	-5.1	30.0
1,2-Dibromoethane	Ave	0.5161	0.5257		10.9	10.7	1.8	30.0
Chlorobenzene	Ave	0.8547	0.8496		10.4	10.5	-0.6	30.0
Ethylbenzene	Ave	1.344	1.336		10.2	10.2	-0.6	30.0
m,p-Xylene	Ave	0.5363	0.5510		20.5	20.0	2.7	30.0
n-Nonane	Ave	0.5490	0.5466		10.4	10.5	-0.4	30.0
o-Xylene	Ave	0.4900	0.4884		10.3	10.4	-0.3	30.0
Styrene	Ave	0.7010	0.7375		10.8	10.3	5.2	30.0
Bromoform	Ave	0.5551	0.5995		11.1	10.3	8.0	30.0
Cumene	Ave	1.398	1.380		10.3	10.5	-1.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6641	0.6571		10.2	10.3	-1.1	30.0
1,2,3-Trichloropropane	Ave	0.4905	0.4840		10.5	10.6	-1.3	30.0
n-Propylbenzene	Ave	1.445	1.433		10.3	10.4	-0.8	30.0
2-Chlorotoluene	Ave	0.9291	0.9253		10.4	10.4	-0.4	30.0
4-Ethyltoluene	Ave	1.201	1.219		10.4	10.2	1.5	30.0
1,3,5-Trimethylbenzene	Ave	1.099	1.082		10.3	10.5	-1.6	30.0
n-Decane	Ave	0.6340	0.6400		10.4	10.3	0.9	30.0
Alpha Methyl Styrene	Ave	0.4583	0.4884		10.8	10.2	6.6	30.0
tert-Butylbenzene	Ave	1.425	1.439		10.5	10.4	1.0	30.0
1,2,4-Trimethylbenzene	Ave	0.9892	0.9807		10.3	10.4	-0.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab Sample ID: ICV 200-165684/26 Calibration Date: 04/09/2021 14:30

Instrument ID: CHX.i Calib Start Date: 04/08/2021 17:20

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/09/2021 11:15

Lab File ID: 45522-26.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	1.700	1.698		10.4	10.5	-0.1	30.0
1,3-Dichlorobenzene	Ave	0.5987	0.6410		10.9	10.2	7.1	30.0
4-Isopropyltoluene	Ave	1.318	1.291		10.3	10.5	-2.1	30.0
1,4-Dichlorobenzene	Ave	0.5406	0.5627		10.8	10.4	4.1	30.0
Benzyl chloride	Ave	0.5286	0.5780		11.1	10.2	9.4	30.0
n-Butylbenzene	Ave	0.9052	0.8914		10.3	10.5	-1.5	30.0
1,2-Dichlorobenzene	Ave	0.5686	0.5635		10.7	10.8	-0.9	30.0
n-Undecane	Ave	0.6342	0.6322		10.7	10.7	-0.3	30.0
n-Dodecane	Ave	0.6414	0.5598		9.28	10.6	-12.7	30.0
1,2,4-Trichlorobenzene	Ave	0.2536	0.2863		12.4	11.0	12.9	30.0
Hexachlorobutadiene	Ave	0.8763	0.8519		10.5	10.8	-2.8	30.0
Naphthalene	Ave	0.4851	0.5380		11.6	10.5	10.9	30.0
1,2,3-Trichlorobenzene	Ave	0.2856	0.2646		10.1	10.9	-7.4	30.0

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-26.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 09-Apr-2021 14:30:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045522-026
Operator ID: ggg Instrument ID: CHX.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Apr-2021 07:00:41 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: bourdeaut Date: 12-Apr-2021 06:59:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.343	4.343	0.000	96	114388	10.1	9.65	
2 Dichlorodifluoromethane	85	4.439	4.439	0.000	99	339284	10.6	10.3	
3 Chlorodifluoromethane	51	4.482	4.482	0.000	97	201262	10.6	10.0	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.793	4.792	0.001	92	388729	10.6	10.1	
5 Chloromethane	50	4.921	4.921	0.000	99	122642	9.94	10.4	
7 Vinyl chloride	62	5.231	5.231	0.000	82	124139	9.99	10.1	
6 Butane	43	5.237	5.236	0.001	98	163333	10.3	9.80	
8 Butadiene	54	5.344	5.349	-0.005	94	90541	9.70	10.1	
9 BFB									
10 Bromomethane	94	6.060	6.060	0.000	100	126558	10.4	10.2	
11 Chloroethane	64	6.328	6.328	0.000	99	64985	10.6	10.2	
12 2-Methylbutane	43	6.531	6.531	0.000	92	122627	10.4	9.77	
13 Vinyl bromide	106	6.751	6.750	0.001	99	123875	10.0	10.4	
14 Trichlorofluoromethane	101	6.906	6.905	0.001	98	274906	10.4	10.2	
16 Pentane	43	7.109	7.109	0.000	98	164527	10.2	9.70	
17 Ethanol	45	7.243	7.242	0.001	98	81280	14.7	12.9	
18 Ethyl ether	59	7.505	7.505	0.000	94	70908	10.2	9.93	
19 Acrolein	56	7.762	7.761	0.001	95	38188	9.71	9.87	
21 1,1-Dichloroethene	96	7.965	7.965	0.000	96	104356	10.2	9.38	
20 112TCTFE	101	7.997	7.997	0.000	96	216606	10.7	9.86	
22 Acetone	43	8.024	8.024	0.000	96	130132	10.4	8.84	
24 Isopropyl alcohol	45	8.297	8.296	0.001	100	167233	10.2	9.90	
23 Carbon disulfide	76	8.382	8.382	0.000	98	294931	10.4	10.0	
26 Acetonitrile	41	8.532	8.537	-0.005	99	57227	9.72	9.72	
25 3-Chloro-1-propene	41	8.660	8.660	0.000	95	106588	10.7	10.3	
27 Methylene Chloride	49	8.896	8.896	0.000	87	94749	10.2	10.0	
28 2-Methyl-2-propanol	59	9.056	9.056	0.000	93	198572	10.8	10.9	
32 Acrylonitrile	53	9.286	9.286	0.000	95	60491	10.2	9.90	
29 Methyl tert-butyl ether	73	9.372	9.372	0.000	96	287947	10.6	10.2	
31 trans-1,2-Dichloroethene	61	9.393	9.393	0.000	96	135302	10.3	10.2	
S 30 1,2-Dichloroethene, Total	61				0		20.0	20.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Hexane	57	9.885	9.891	-0.006	90	144393	10.5	10.2	
35 Vinyl acetate	43	10.153	10.153	0.000	99	205201	10.1	10.1	
34 1,1-Dichloroethane	63	10.158	10.163	-0.005	100	165783	10.3	9.87	
38 2-Butanone (MEK)	72	11.105	11.110	-0.005	98	50748	10.4	9.85	
37 cis-1,2-Dichloroethene	96	11.153	11.153	0.000	91	109249	10.4	10.6	
39 Ethyl acetate	88	11.185	11.185	0.000	99	9381	10.2	9.59	
* 40 Chlorobromomethane	128	11.571	11.570	0.001	78	88112	10.0	10.0	
41 Tetrahydrofuran	42	11.587	11.586	0.001	87	89526	9.81	9.71	
42 Chloroform	83	11.742	11.742	0.000	95	204978	10.3	9.68	
44 1,1,1-Trichloroethane	97	12.041	12.041	0.000	95	213645	10.3	9.80	
43 Cyclohexane	84	12.180	12.180	0.000	95	141808	10.2	10.0	
45 Carbon tetrachloride	117	12.320	12.325	-0.005	97	230978	10.0	10.2	
47 Benzene	78	12.667	12.667	0.000	94	322341	10.4	9.95	
48 1,2-Dichloroethane	62	12.753	12.753	0.000	98	123893	10.5	9.94	
46 Isooctane	57	12.871	12.870	0.001	99	469854	10.1	10.2	
49 n-Heptane	43	13.176	13.175	0.001	89	153486	10.3	10.1	
* 50 1,4-Difluorobenzene	114	13.406	13.405	0.001	93	436150	10.0	10.0	
52 n-Butanol	56	13.587	13.587	0.000	84	67964	9.11	9.91	
53 Trichloroethene	95	13.834	13.839	-0.005	96	145585	10.3	10.5	
A 51 GRO	1	14.189	(6.521-21.868)		0	40808342	649.9	0	
54 1,2-Dichloropropane	63	14.299	14.299	0.000	91	108622	10.3	10.1	
55 Methyl methacrylate	69	14.363	14.363	0.000	96	106516	10.2	10.1	
56 1,4-Dioxane	88	14.406	14.406	0.000	89	71616	10.3	11.0	
57 Dibromomethane	174	14.459	14.459	0.000	91	165825	10.3	10.2	
58 Dichlorobromomethane	83	14.764	14.764	0.000	98	219137	10.3	10.4	
60 cis-1,3-Dichloropropene	75	15.562	15.561	0.001	89	192565	9.94	10.4	
A 59 TVOC as Toluene	92	15.562	(4.333-26.806)		0	59313861	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	15.797	15.797	0.000	94	190440	10.2	9.87	
65 Toluene	92	16.198	16.198	0.000	93	235351	10.2	10.1	
64 n-Octane	43	16.428	16.428	0.000	89	204793	10.3	10.1	
66 trans-1,3-Dichloropropene	75	16.615	16.615	0.000	95	159108	9.85	9.89	
67 1,1,2-Trichloroethane	83	17.001	17.000	0.001	94	109974	10.5	10.5	
68 Tetrachloroethene	166	17.182	17.182	0.000	96	228896	10.5	10.4	
69 2-Hexanone	43	17.375	17.375	0.000	98	169193	10.1	10.4	
71 Chlorodibromomethane	129	17.739	17.739	0.000	98	239346	10.6	10.1	
72 Ethylene Dibromide	107	17.985	17.985	0.000	99	191515	10.7	10.9	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	83	341823	10.0	10.0	
75 Chlorobenzene	112	18.937	18.937	0.000	97	304861	10.5	10.4	
76 Ethylbenzene	91	19.124	19.124	0.000	97	466919	10.2	10.2	
78 m-Xylene & p-Xylene	106	19.392	19.386	0.006	0	376613	20.0	20.5	
77 n-Nonane	57	19.429	19.429	0.000	85	195576	10.5	10.4	
S 73 Xylenes, Total	106				0		30.0	30.9	
79 o-Xylene	106	20.157	20.157	0.000	99	173104	10.4	10.3	
80 Styrene	104	20.194	20.194	0.000	96	259108	10.3	10.8	
81 Bromoform	173	20.553	20.553	0.000	99	211029	10.3	11.1	
82 Isopropylbenzene	105	20.842	20.841	0.001	95	493420	10.5	10.3	
84 1,1,2,2-Tetrachloroethane	83	21.361	21.360	0.001	98	232414	10.3	10.2	
86 1,2,3-Trichloropropane	75	21.462	21.462	0.000	98	175985	10.6	10.5	
85 N-Propylbenzene	91	21.548	21.553	-0.005	100	507388	10.4	10.3	
89 2-Chlorotoluene	91	21.703	21.703	0.000	96	329833	10.4	10.4	
88 4-Ethyltoluene	105	21.746	21.746	0.000	98	426981	10.2	10.4	
90 1,3,5-Trimethylbenzene	105	21.837	21.836	0.001	94	387750	10.5	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57	21.858	21.858	0.000	92	226144	10.3	10.4	
91 Alpha Methyl Styrene	118	22.163	22.163	0.000	92	169594	10.2	10.8	
92 tert-Butylbenzene	119	22.313	22.318	-0.005	95	511541	10.4	10.5	
93 1,2,4-Trimethylbenzene	105	22.404	22.404	0.000	96	349904	10.4	10.3	
94 sec-Butylbenzene	105	22.639	22.639	0.000	99	607061	10.5	10.4	
96 1,3-Dichlorobenzene	146	22.816	22.815	0.001	95	222800	10.2	10.9	
95 4-Isopropyltoluene	119	22.848	22.853	-0.005	98	463148	10.5	10.3	
97 1,4-Dichlorobenzene	146	22.960	22.960	0.000	97	199995	10.4	10.8	
98 Benzyl chloride	91	23.099	23.104	-0.005	100	200711	10.2	11.1	
100 n-Butylbenzene	91	23.404	23.404	0.000	98	320182	10.5	10.3	
101 1,2-Dichlorobenzene	146	23.447	23.447	0.000	98	207223	10.8	10.7	
99 Undecane	57	23.543	23.543	0.000	93	231631	10.7	10.7	
102 Dodecane	57	25.132	25.132	0.000	98	203572	10.6	9.28	
103 1,2,4-Trichlorobenzene	180	25.897	25.902	-0.005	93	107432	11.0	12.4	
104 Hexachlorobutadiene	225	26.133	26.138	-0.005	95	315901	10.8	10.5	
105 Naphthalene	128	26.389	26.389	0.000	99	193065	10.5	11.6	
106 1,2,3-Trichlorobenzene	180	26.796	26.796	0.000	95	98189	10.9	10.1	

QC Flag Legend

Processing Flags

Reagents:

ATTO15LCSW_00823	Amount Added: 200.00	Units: mL	
ATTO15XISs_00002	Amount Added: 20.00	Units: mL	Run Reagent

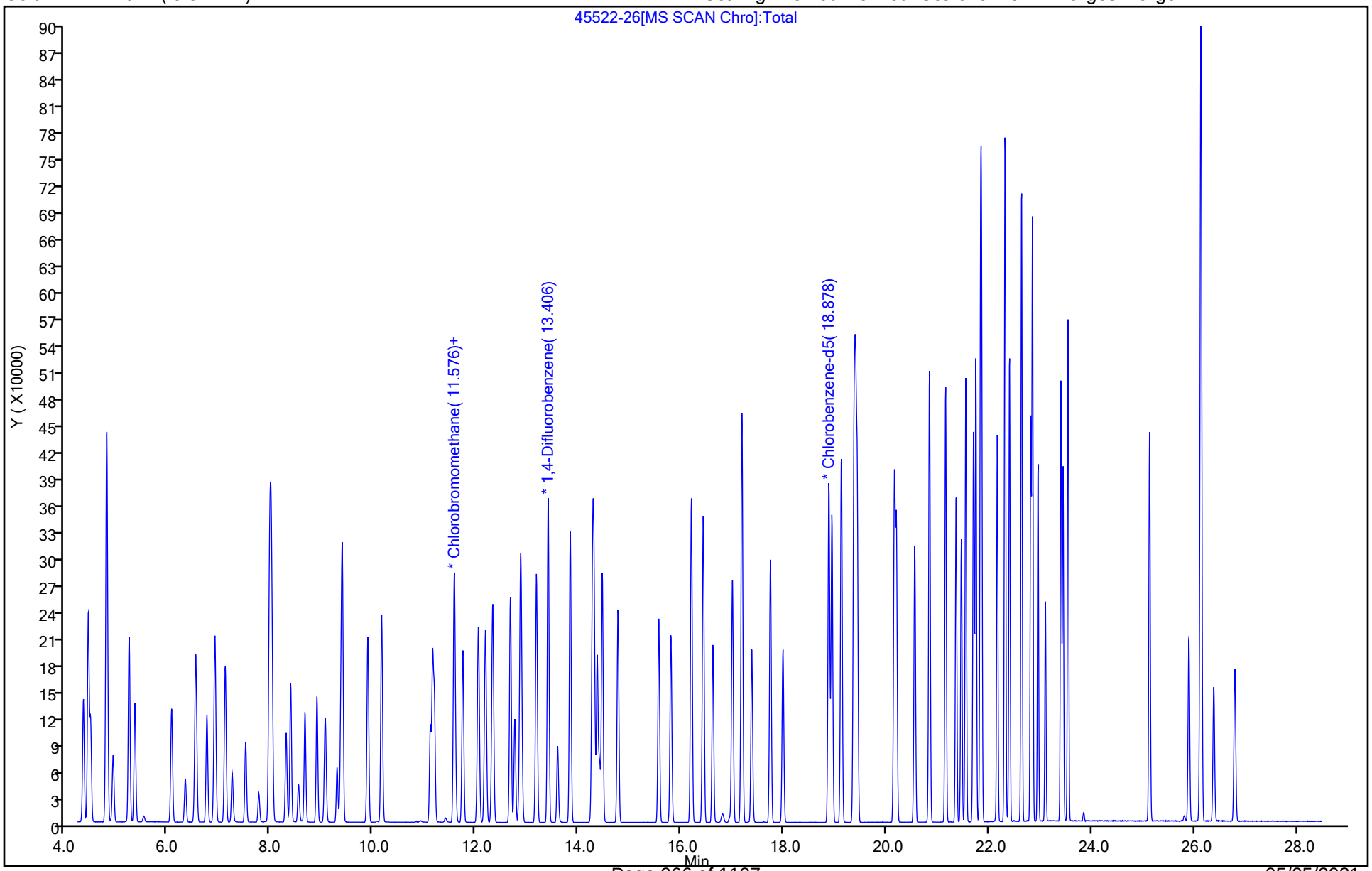
Report Date: 12-Apr-2021 07:00:49 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-26.D

Injection Date:	09-Apr-2021 14:30:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	ICV			Worklist Smp#:	26
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab Sample ID: CCVIS 200-166352/2 Calibration Date: 04/30/2021 08:20

Instrument ID: CHX.i Calib Start Date: 04/08/2021 17:20

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/09/2021 11:15

Lab File ID: 45779-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.346	1.549		11.9	10.3	15.1	30.0
Dichlorodifluoromethane	Ave	3.747	3.978		11.1	10.4	6.2	30.0
Chlorodifluoromethane	Ave	2.278	2.556		11.8	10.5	12.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.381	4.594		10.9	10.4	4.9	30.0
Chloromethane	Ave	1.332	1.451		11.9	10.9	8.9	30.0
n-Butane	Ave	1.892	2.192		12.0	10.4	15.9	30.0
Vinyl chloride	Ave	1.393	1.541		11.5	10.4	10.6	30.0
1,3-Butadiene	Ave	1.015	1.168		11.6	10.1	15.0	30.0
Bromomethane	Ave	1.412	1.458		10.6	10.3	3.3	30.0
Chloroethane	Ave	0.7216	0.7642		11.0	10.4	5.9	30.0
Isopentane	Ave	1.424	1.535		11.2	10.4	7.8	30.0
Bromoethene(Vinyl Bromide)	Ave	1.358	1.390		10.7	10.4	2.4	30.0
Trichlorofluoromethane	Ave	3.045	3.313		11.5	10.6	8.8	30.0
n-Pentane	Ave	1.926	2.150		11.3	10.1	11.6	30.0
Ethanol	Ave	0.7146	0.7435		15.6	15.0	4.0	30.0
Ethyl ether	Ave	0.8103	0.8893		11.1	10.1	9.7	30.0
Acrolein	Ave	0.4390	0.5002		11.1	9.72	13.9	30.0
1,1-Dichloroethene	Ave	1.263	1.283		10.4	10.3	1.6	30.0
1,1,2-Trichlorotrifluoroethane	Ave	2.494	2.611		11.0	10.5	4.7	30.0
Acetone	Ave	1.672	1.804		11.0	10.2	7.9	30.0
Isopropyl alcohol	Ave	1.917	1.945		10.4	10.2	1.4	30.0
Carbon disulfide	Ave	3.334	3.646		11.1	10.2	9.3	30.0
Acetonitrile	Ave	0.6680	0.7972		11.8	9.90	19.3	30.0
3-Chloropropene	Ave	1.174	1.211		11.0	10.6	3.1	30.0
Methylene Chloride	Ave	1.074	1.239		11.9	10.3	15.3	30.0
tert-Butyl alcohol	Ave	2.073	2.270		11.8	10.8	9.5	30.0
Acrylonitrile	Ave	0.6937	0.7928		11.6	10.1	14.3	30.0
Methyl tert-butyl ether	Ave	3.206	3.524		11.5	10.4	9.9	30.0
trans-1,2-Dichloroethene	Ave	1.500	1.771		12.0	10.2	18.0	30.0
n-Hexane	Ave	1.606	1.727		11.4	10.6	7.5	30.0
Vinyl acetate	Ave	2.315	2.856		12.8	10.4	23.4	30.0
1,1-Dichloroethane	Ave	1.907	2.179		11.4	10.0	14.3	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	0.5846	0.6199		11.0	10.3	6.0	30.0
cis-1,2-Dichloroethene	Ave	1.174	1.361		11.7	10.1	15.9	30.0
Ethyl acetate	Ave	0.1110	0.1181		10.8	10.1	6.5	30.0
Tetrahydrofuran	Ave	0.2114	0.2481		11.7	9.99	17.4	30.0
Chloroform	Ave	2.403	2.656		11.2	10.1	10.5	30.0
1,1,1-Trichloroethane	Ave	0.4999	0.5654		11.5	10.2	13.1	30.0
Cyclohexane	Ave	0.3237	0.3472		10.9	10.1	7.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab Sample ID: CCVIS 200-166352/2 Calibration Date: 04/30/2021 08:20

Instrument ID: CHX.i Calib Start Date: 04/08/2021 17:20

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/09/2021 11:15

Lab File ID: 45779-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5178	0.5931		11.6	10.2	14.5	30.0
Benzene	Ave	0.7427	0.8012		11.1	10.3	7.9	30.0
1,2-Dichloroethane	Ave	0.2859	0.3344		12.1	10.4	17.0	30.0
2,2,4-Trimethylpentane	Ave	1.058	1.183		11.7	10.5	11.8	30.0
n-Heptane	Ave	0.3477	0.4027		12.2	10.5	15.8	30.0
n-Butanol	Ave	0.1573	0.1726		10.5	9.55	9.8	30.0
Trichloroethene	Ave	0.3188	0.3517		11.6	10.5	10.3	30.0
1,2-Dichloropropane	Ave	0.2459	0.2796		11.7	10.3	13.7	30.0
Methyl methacrylate	Ave	0.2421	0.2772		11.6	10.2	14.5	30.0
1,4-Dioxane	Ave	0.1496	0.1529		10.8	10.6	2.2	30.0
Dibromomethane	Ave	0.3726	0.3851		10.6	10.3	3.3	30.0
Bromodichloromethane	Ave	0.4814	0.5593		12.3	10.6	16.2	30.0
cis-1,3-Dichloropropene	Ave	0.4261	0.4774		11.6	10.4	12.0	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	0.4422	0.5384		12.5	10.2	21.7	30.0
Toluene	Ave	0.6815	0.7374		11.0	10.2	8.2	30.0
n-Octane	Ave	0.4661	0.5624		12.5	10.3	20.6	30.0
trans-1,3-Dichloropropene	Ave	0.3688	0.4231		11.3	9.88	14.7	30.0
1,1,2-Trichloroethane	Ave	0.3057	0.3436		11.8	10.5	12.4	30.0
Tetrachloroethene	Ave	0.6444	0.6774		11.0	10.5	5.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4763	0.6077		12.7	9.99	27.6	30.0
Dibromochloromethane	Ave	0.6965	0.7991		11.1	9.68	14.7	30.0
1,2-Dibromoethane	Ave	0.5161	0.5793		11.9	10.6	12.2	30.0
Chlorobenzene	Ave	0.8547	0.9279		11.4	10.5	8.6	30.0
Ethylbenzene	Ave	1.344	1.543		11.7	10.2	14.8	30.0
m,p-Xylene	Ave	0.5363	0.6058		23.2	20.6	13.0	30.0
n-Nonane	Ave	0.5490	0.6591		12.6	10.5	20.1	30.0
o-Xylene	Ave	0.4900	0.5530		11.7	10.4	12.9	30.0
Styrene	Ave	0.7010	0.8397		12.4	10.3	19.8	30.0
Bromoform	Ave	0.5551	0.6618		12.3	10.3	19.2	30.0
Cumene	Ave	1.398	1.609		12.0	10.4	15.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6641	0.7959		12.4	10.3	19.9	30.0
1,2,3-Trichloropropane	Ave	0.4905	0.5802		12.5	10.6	18.3	30.0
n-Propylbenzene	Ave	1.445	1.731		12.5	10.4	19.8	30.0
2-Chlorotoluene	Ave	0.9291	1.104		12.4	10.4	18.8	30.0
4-Ethyltoluene	Ave	1.201	1.441		12.4	10.3	20.0	30.0
1,3,5-Trimethylbenzene	Ave	1.099	1.287		12.2	10.4	17.0	30.0
n-Decane	Ave	0.6340	0.7807		12.8	10.4	23.1	30.0
Alpha Methyl Styrene	Ave	0.4583	0.5632		12.5	10.2	22.9	30.0
tert-Butylbenzene	Ave	1.425	1.611		11.7	10.4	13.1	30.0
1,2,4-Trimethylbenzene	Ave	0.9892	1.169		12.3	10.4	18.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Lab Sample ID: CCVIS 200-166352/2 Calibration Date: 04/30/2021 08:20

Instrument ID: CHX.i Calib Start Date: 04/08/2021 17:20

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/09/2021 11:15

Lab File ID: 45779-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	1.700	1.977		12.2	10.5	16.2	30.0
1,3-Dichlorobenzene	Ave	0.5987	0.7020		12.4	10.6	17.3	30.0
4-Isopropyltoluene	Ave	1.318	1.529		12.0	10.3	16.0	30.0
1,4-Dichlorobenzene	Ave	0.5406	0.6361		12.3	10.5	17.7	30.0
Benzyl chloride	Ave	0.5286	0.6650		13.3	10.6	25.8	30.0
n-Butylbenzene	Ave	0.9052	1.084		12.4	10.4	19.7	30.0
1,2-Dichlorobenzene	Ave	0.5686	0.6747		12.4	10.4	18.7	30.0
n-Undecane	Ave	0.6342	0.7774		12.8	10.5	22.6	30.0
n-Dodecane	Ave	0.6414	0.6952		10.1	9.36	8.4	30.0
1,2,4-Trichlorobenzene	Ave	0.2536	0.3016		12.9	10.9	18.9	30.0
Hexachlorobutadiene	Ave	0.8763	0.9677		11.3	10.3	10.4	30.0
Naphthalene	Ave	0.4851	0.5913		11.8	9.72	21.9	30.0
1,2,3-Trichlorobenzene	Ave	0.2856	0.3375		10.8	9.12	18.2	30.0

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-02.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Apr-2021 08:20:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045779-002
Operator ID: ggg Instrument ID: CHX.i
Sublist: chrom-TO15_MasterMethod_X.m*sub5

Method: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 03-May-2021 10:20:46 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: bunmaa Date: 03-May-2021 10:20:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.333	4.333	0.000	97	93811	10.3	11.9	
2 Dichlorodifluoromethane	85	4.429	4.429	0.000	99	243644	10.4	11.1	
3 Chlorodifluoromethane	51	4.472	4.472	0.000	97	157173	10.5	11.8	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.787	4.787	0.000	93	280599	10.4	10.9	
5 Chloromethane	50	4.910	4.910	0.000	99	92941	10.9	11.9	
6 Butane	43	5.226	5.226	0.000	99	133272	10.4	12.0	
7 Vinyl chloride	62	5.226	5.226	0.000	78	93971	10.4	11.5	
8 Butadiene	54	5.338	5.338	0.000	96	69327	10.1	11.6	
9 BFB									
10 Bromomethane	94	6.055	6.055	0.000	99	88210	10.3	10.6	
11 Chloroethane	64	6.323	6.323	0.000	99	46590	10.4	11.0	
12 2-Methylbutane	43	6.526	6.526	0.000	93	94000	10.4	11.2	
13 Vinyl bromide	106	6.740	6.740	0.000	99	84955	10.4	10.7	
14 Trichlorofluoromethane	101	6.900	6.900	0.000	98	205286	10.6	11.5	
16 Pentane	43	7.104	7.104	0.000	98	127775	10.1	11.3	
17 Ethanol	45	7.232	7.232	0.000	99	65463	15.0	15.6	
18 Ethyl ether	59	7.500	7.500	0.000	93	52593	10.1	11.1	
19 Acrolein	56	7.756	7.756	0.000	95	28524	9.72	11.1	
21 1,1-Dichloroethene	96	7.960	7.960	0.000	98	77378	10.3	10.4	
20 112TCTFE	101	7.992	7.992	0.000	97	160700	10.5	11.0	
22 Acetone	43	8.013	8.013	0.000	97	108391	10.2	11.0	
24 Isopropyl alcohol	45	8.286	8.286	0.000	100	116602	10.2	10.4	
23 Carbon disulfide	76	8.377	8.377	0.000	99	217329	10.2	11.1	
26 Acetonitrile	41	8.527	8.527	0.000	99	46308	9.90	11.8	
25 3-Chloro-1-propene	41	8.655	8.655	0.000	97	75646	10.6	11.0	
27 Methylene Chloride	49	8.891	8.891	0.000	89	74730	10.3	11.9	
28 2-Methyl-2-propanol	59	9.046	9.046	0.000	94	143563	10.8	11.8	
32 Acrylonitrile	53	9.281	9.281	0.000	95	47028	10.1	11.6	
29 Methyl tert-butyl ether	73	9.367	9.367	0.000	96	216081	10.4	11.5	
31 trans-1,2-Dichloroethene	61	9.388	9.388	0.000	98	105969	10.2	12.0	
S 30 1,2-Dichloroethene, Total	61				0		20.3	23.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Hexane	57	9.880	9.880	0.000	92	107322	10.6	11.4	
35 Vinyl acetate	43	10.142	10.142	0.000	100	174112	10.4	12.8	
34 1,1-Dichloroethane	63	10.153	10.153	0.000	99	127833	10.0	11.4	
38 2-Butanone (MEK)	72	11.095	11.095	0.000	99	37608	10.3	11.0	
37 cis-1,2-Dichloroethene	96	11.143	11.143	0.000	92	80656	10.1	11.7	
39 Ethyl acetate	88	11.175	11.175	0.000	99	7022	10.1	10.8	
* 40 Chlorobromomethane	128	11.565	11.565	0.000	81	58685	10.0	10.0	
41 Tetrahydrofuran	42	11.581	11.581	0.000	88	71074	9.99	11.7	
42 Chloroform	83	11.737	11.737	0.000	95	157390	10.1	11.2	
44 1,1,1-Trichloroethane	97	12.036	12.036	0.000	95	165195	10.2	11.5	
43 Cyclohexane	84	12.181	12.181	0.000	97	101057	10.1	10.9	
45 Carbon tetrachloride	117	12.314	12.314	0.000	98	172787	10.2	11.6	
47 Benzene	78	12.662	12.662	0.000	95	237335	10.3	11.1	
48 1,2-Dichloroethane	62	12.748	12.748	0.000	98	99347	10.4	12.1	
46 Isooctane	57	12.865	12.865	0.000	98	355045	10.5	11.7	
49 n-Heptane	43	13.170	13.170	0.000	90	121357	10.5	12.2	
* 50 1,4-Difluorobenzene	114	13.400	13.400	0.000	93	286801	10.0	10.0	
52 n-Butanol	56	13.582	13.582	0.000	88	47271	9.55	10.5	
53 Trichloroethene	95	13.828	13.828	0.000	98	106202	10.5	11.6	
A 51 GRO	1	14.192	(6.516-21.868)		0	31749288	649.9	0	
54 1,2-Dichloropropane	63	14.294	14.294	0.000	91	82657	10.3	11.7	
55 Methyl methacrylate	69	14.358	14.358	0.000	98	80751	10.2	11.6	
56 1,4-Dioxane	88	14.401	14.401	0.000	91	46379	10.6	10.8	
57 Dibromomethane	174	14.454	14.454	0.000	92	113730	10.3	10.6	
58 Dichlorobromomethane	83	14.759	14.759	0.000	98	169503	10.6	12.3	
60 cis-1,3-Dichloropropene	75	15.556	15.556	0.000	91	142234	10.4	11.6	
A 59 TVOC as Toluene	92	15.564	(4.323-26.806)		0	46030430	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	15.792	15.792	0.000	95	158080	10.2	12.5	
65 Toluene	92	16.193	16.193	0.000	93	172461	10.2	11.0	
64 n-Octane	43	16.423	16.423	0.000	90	166585	10.3	12.5	
66 trans-1,3-Dichloropropene	75	16.610	16.610	0.000	96	119856	9.88	11.3	
67 1,1,2-Trichloroethane	83	16.990	16.990	0.000	96	82899	10.5	11.8	
68 Tetrachloroethene	166	17.183	17.183	0.000	97	163712	10.5	11.0	
69 2-Hexanone	43	17.370	17.370	0.000	96	139754	9.99	12.7	
71 Chlorodibromomethane	129	17.734	17.734	0.000	98	178058	9.68	11.1	
72 Ethylene Dibromide	107	17.980	17.980	0.000	99	141485	10.6	11.9	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	84	230230	10.0	10.0	
75 Chlorobenzene	112	18.937	18.937	0.000	96	224045	10.5	11.4	
76 Ethylbenzene	91	19.119	19.119	0.000	98	362925	10.2	11.7	
78 m-Xylene & p-Xylene	106	19.381	19.381	0.000	0	286716	20.6	23.2	
77 n-Nonane	57	19.430	19.430	0.000	87	159002	10.5	12.6	
S 73 Xylenes, Total	106				0		30.9	34.9	
79 o-Xylene	106	20.152	20.152	0.000	99	131872	10.4	11.7	
80 Styrene	104	20.195	20.195	0.000	97	199475	10.3	12.4	
81 Bromoform	173	20.548	20.548	0.000	99	156755	10.3	12.3	
82 Isopropylbenzene	105	20.836	20.836	0.000	95	386215	10.4	12.0	
84 1,1,2,2-Tetrachloroethane	83	21.355	21.355	0.000	99	189443	10.3	12.4	
86 1,2,3-Trichloropropane	75	21.457	21.457	0.000	98	141444	10.6	12.5	
85 N-Propylbenzene	91	21.548	21.548	0.000	100	414387	10.4	12.5	
89 2-Chlorotoluene	91	21.698	21.698	0.000	96	265351	10.4	12.4	
88 4-Ethyltoluene	105	21.741	21.741	0.000	98	342725	10.3	12.4	
90 1,3,5-Trimethylbenzene	105	21.837	21.837	0.000	93	307697	10.4	12.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57	21.858	21.858	0.000	92	187256	10.4	12.8	
91 Alpha Methyl Styrene	118	22.163	22.163	0.000	91	132242	10.2	12.5	
92 tert-Butylbenzene	119	22.313	22.313	0.000	94	384207	10.4	11.7	
93 1,2,4-Trimethylbenzene	105	22.399	22.399	0.000	97	279958	10.4	12.3	
94 sec-Butylbenzene	105	22.634	22.634	0.000	99	475895	10.5	12.2	
96 1,3-Dichlorobenzene	146	22.816	22.816	0.000	95	170974	10.6	12.4	
95 4-Isopropyltoluene	119	22.848	22.848	0.000	98	362861	10.3	12.0	
97 1,4-Dichlorobenzene	146	22.955	22.955	0.000	97	153293	10.5	12.3	
98 Benzyl chloride	91	23.099	23.099	0.000	99	161947	10.6	13.3	
100 n-Butylbenzene	91	23.404	23.404	0.000	98	259175	10.4	12.4	
101 1,2-Dichlorobenzene	146	23.447	23.447	0.000	98	162138	10.4	12.4	
99 Undecane	57	23.543	23.543	0.000	94	187182	10.5	12.8	
102 Dodecane	57	25.132	25.132	0.000	98	149786	9.36	10.1	
103 1,2,4-Trichlorobenzene	180	25.903	25.903	0.000	94	75391	10.9	12.9	
104 Hexachlorobutadiene	225	26.138	26.138	0.000	96	228534	10.3	11.3	
105 Naphthalene	128	26.384	26.384	0.000	99	132293	9.72	11.8	
106 1,2,3-Trichlorobenzene	180	26.796	26.796	0.000	95	70859	9.12	10.8	
123 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00762	Amount Added: 200.00	Units: mL	
ATTO15XISs_00002	Amount Added: 20.00	Units: mL	Run Reagent

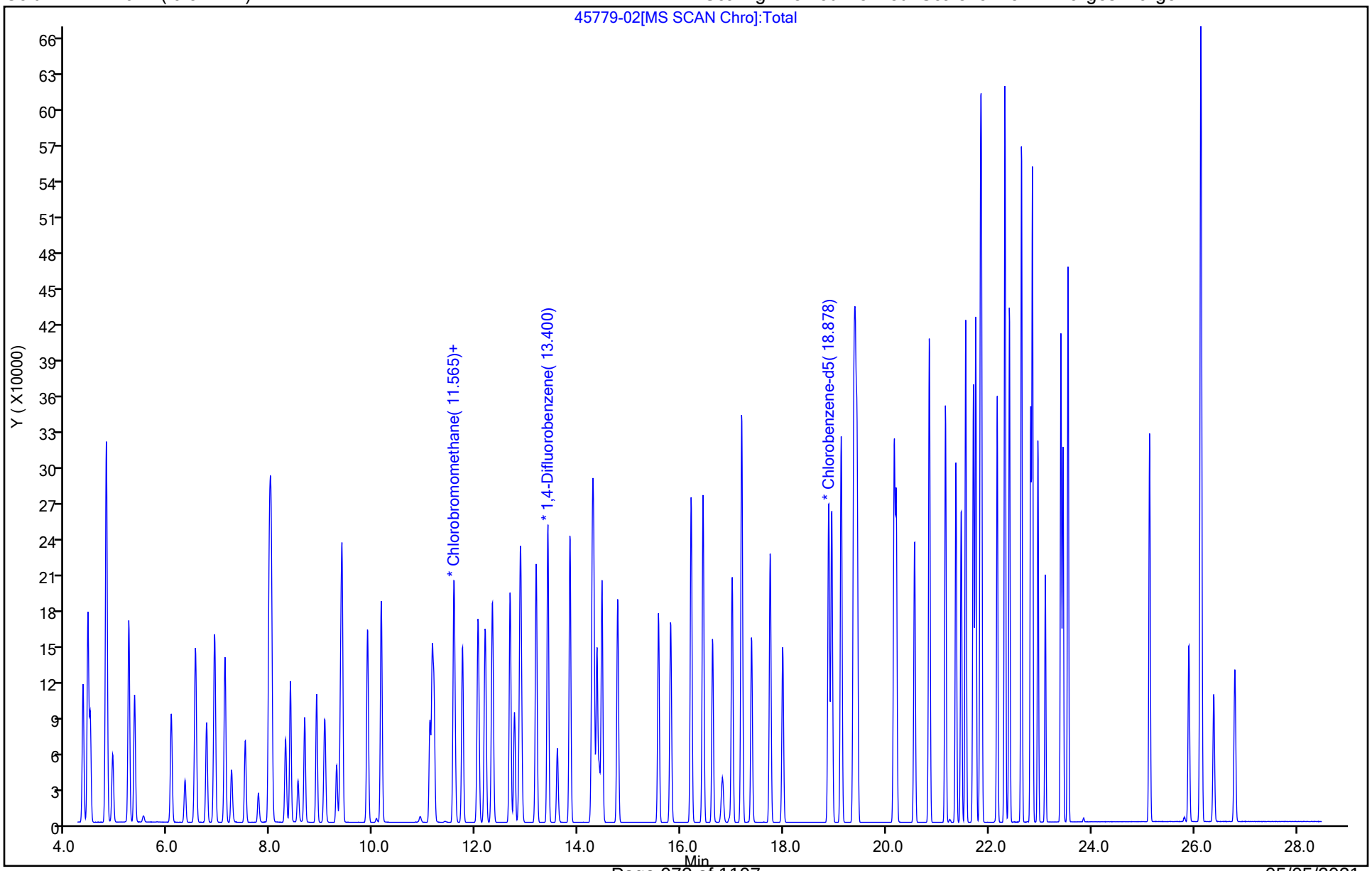
Report Date: 03-May-2021 10:20:47 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-02.D

Injection Date:	30-Apr-2021 08:20:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45736-001a.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 29-Apr-2021 14:57:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0045736-001
Misc. Info.: BFB
Operator ID: ggg Instrument ID: CHG.i

Method: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 30-Apr-2021 09:39:08 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: guazzonig Date: 29-Apr-2021 15:32:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
9 BFB									
* 40 Chlorobromomethane	128	5.615	5.615	0.000	30	4325	10.0	10.0	sa
* 50 1,4-Difluorobenzene	114		10.897				10.0	ND	
* 74 Chlorobenzene-d5	117		16.851				10.0	ND	
* 83 4-Bromofluorobenzene	95		19.349				10.0	ND	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
a - User Assigned ID

Reagents:

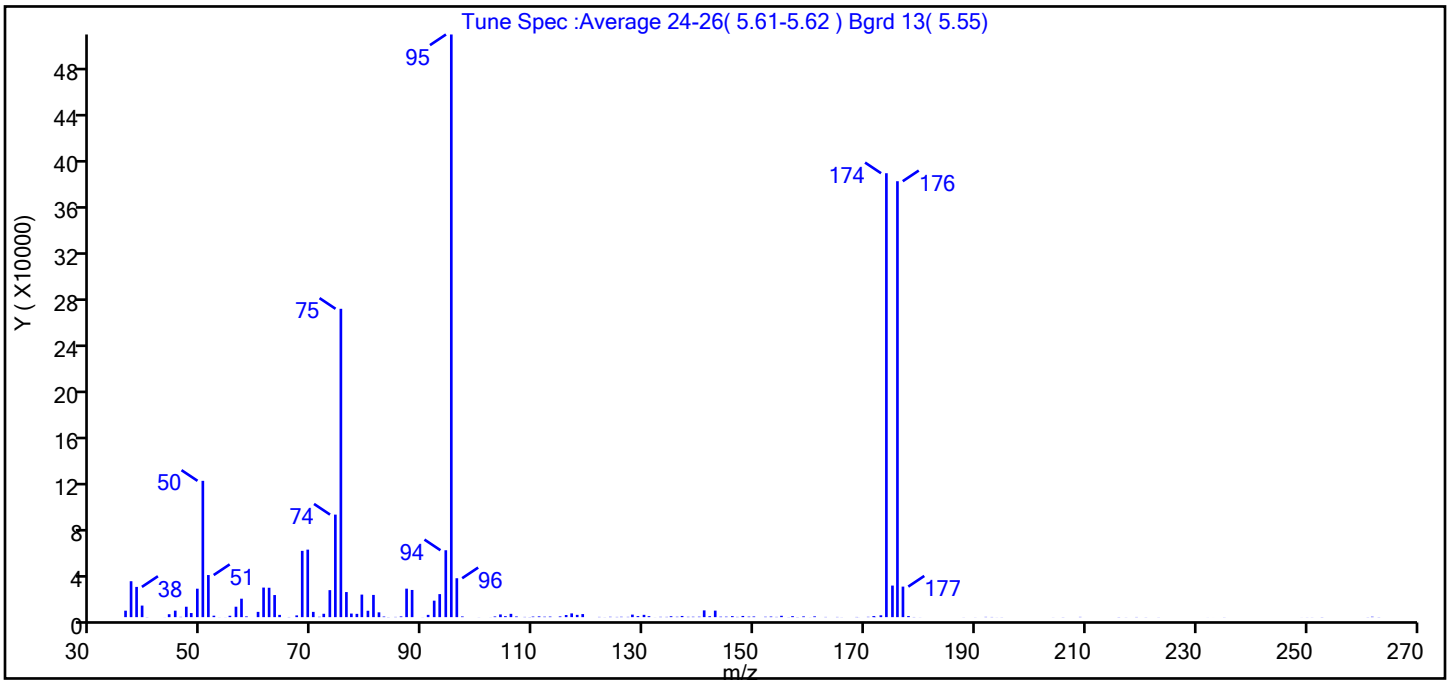
ATTO15GIS_00017 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45736-001a.D
Injection Date: 29-Apr-2021 14:57:30 Instrument ID: CHG.i
Lims ID: bfb
Client ID:
Operator ID: ggg ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

9 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	23.4
75	30.0 to 66.0 Percent of m/e 95	52.9
96	5.0 to 9.0 Percent of m/e 95	6.7
173	Less than 2.0 Percent of m/e 174	0.3 (0.4)
174	50.0 to 120.0 Percent of m/e 95	76.2
175	4.0 to 9.0 Percent of m/e 174	5.4 (7.1)
176	93.0 to 101.0 Percent of m/e 174	74.8 (98.2)
177	5.0 to 9.0 Percent of m/e 176	5.2 (7.0)

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45736-001a.D\TO15_MasterMethod_(v1)_
Injection Date: 29-Apr-2021 14:57:30
Spectrum: Tune Spec :Average 24-26(5.61-5.62) Bgrd 13(5.55)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 154

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5594	79.00	19512	125.00	195	168.00	171
37.00	31088	80.00	5536	126.00	309	169.00	56
38.00	26168	81.00	19232	127.00	237	171.00	270
39.00	10007	82.00	4159	128.00	2196	172.00	898
40.00	123	83.00	518	129.00	891	172.00	346
43.00	43	84.00	116	130.00	1995	173.00	1588
44.00	2522	85.00	207	131.00	835	174.00	384128
45.00	5611	86.00	629	132.00	50	175.00	27320
46.00	247	87.00	24656	133.00	265	176.00	377216
47.00	9008	88.00	23520	134.00	224	177.00	26424
48.00	3555	90.00	60	135.00	793	178.00	905
49.00	24616	91.00	1976	136.00	332	179.00	142
50.00	117952	92.00	14262	137.00	1023	180.00	60
51.00	36432	93.00	19928	138.00	293	188.00	61
52.00	1259	94.00	57888	139.00	346	190.00	61
53.00	58	95.00	504192	140.00	379	192.00	229
54.00	52	96.00	33672	141.00	5856	193.00	158
55.00	1193	97.00	605	142.00	755	194.00	50
56.00	9020	100.00	63	143.00	5639	195.00	82
57.00	15969	102.00	54	144.00	404	204.00	52
58.00	646	103.00	600	145.00	416	206.00	97
60.00	4562	104.00	2337	146.00	872	209.00	211
61.00	25584	105.00	860	147.00	229	216.00	128
62.00	25432	106.00	2859	148.00	1036	217.00	68
63.00	19120	107.00	590	149.00	439	219.00	154
64.00	1954	108.00	200	150.00	581	221.00	81
66.00	140	109.00	127	152.00	335	223.00	71
67.00	1515	110.00	500	153.00	527	232.00	32
68.00	57360	111.00	666	154.00	216	233.00	7
69.00	58416	112.00	390	155.00	1171	235.00	76
70.00	4558	113.00	494	156.00	92	249.00	31
71.00	305	115.00	626	157.00	861	250.00	61
72.00	2922	116.00	1812	158.00	131	251.00	63

Report Date: 30-Apr-2021 09:39:09 Chrom Revision: 2.3 08-Apr-2021 17:17:48
Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45736-001a.D\TO15_MasterMethod_(v1)_
Injection Date: 29-Apr-2021 14:57:30
Spectrum: Tune Spec :Average 24-26(5.61-5.62) Bgrd 13(5.55)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 154

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	23368	117.00	3257	159.00	650	253.00	120
74.00	88728	118.00	1973	160.00	51	261.00	90
75.00	266816	119.00	2670	161.00	682	262.00	358
76.00	21712	122.00	202	163.00	186	263.00	118
77.00	3105	123.00	72	165.00	183		
78.00	2849	124.00	295	166.00	65		

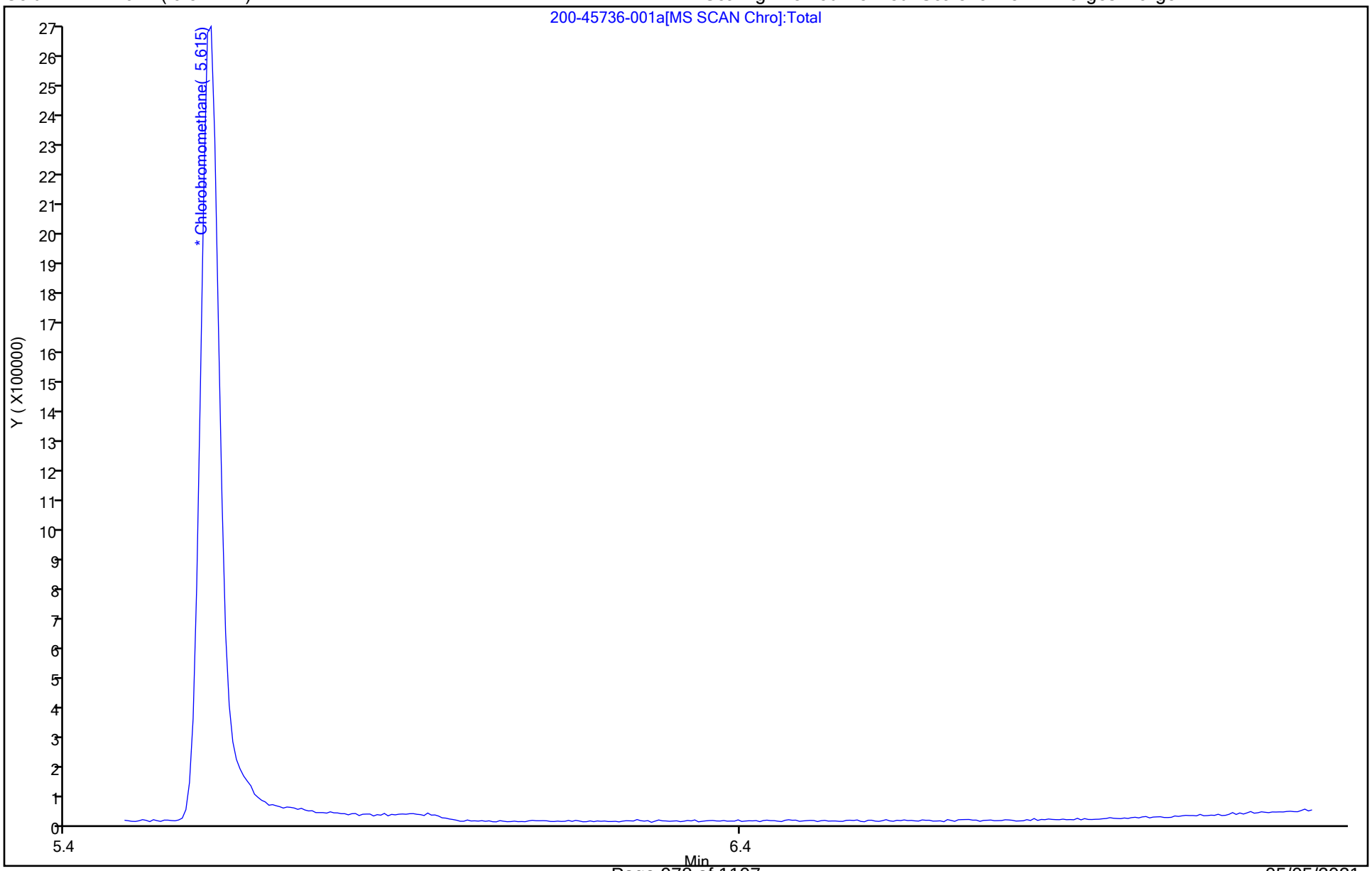
Report Date: 30-Apr-2021 09:39:09 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45736-001a.D

Injection Date:	29-Apr-2021 14:57:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-001.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 03-May-2021 07:45:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0045799-001
Misc. Info.: bfb
Operator ID: ggg Instrument ID: CHG.i

Method: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 03-May-2021 12:51:14 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1628

First Level Reviewer: bourdeaut Date: 03-May-2021 12:51:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
9 BFB									
* 40 Chlorobromomethane	128		8.928				10.0	ND	
* 50 1,4-Difluorobenzene	114		10.896				10.0	ND	
* 74 Chlorobenzene-d5	117		16.856				10.0	ND	
* 83 4-Bromofluorobenzene	95		19.349				10.0	ND	

QC Flag Legend
Processing Flags

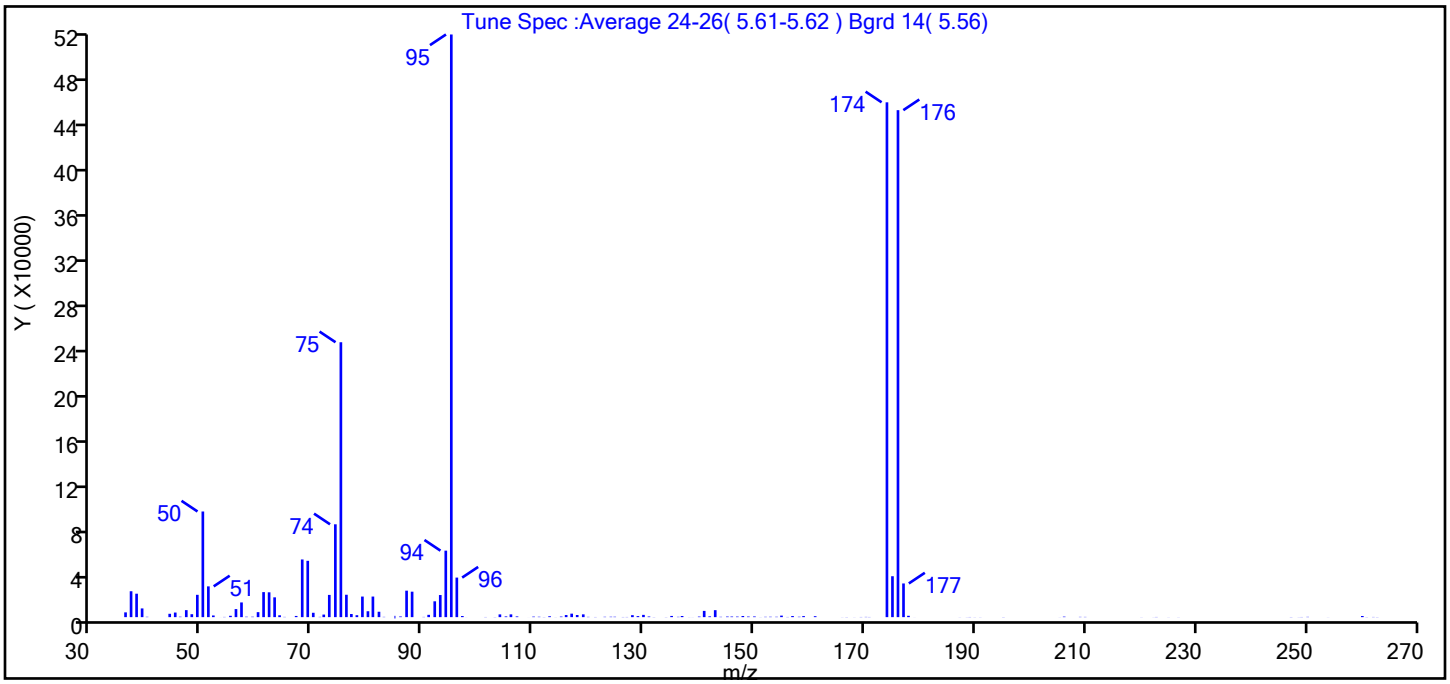
Reagents:
ATTO15GIS_00017 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-001.D
Injection Date: 03-May-2021 07:45:30 Instrument ID: CHG.i
Lims ID: bfb
Client ID:
Operator ID: ggg ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

9 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	18.1
75	30.0 to 66.0 Percent of m/e 95	47.2
96	5.0 to 9.0 Percent of m/e 95	6.8
173	Less than 2.0 Percent of m/e 174	0.0 (0.0)
174	50.0 to 120.0 Percent of m/e 95	88.4
175	4.0 to 9.0 Percent of m/e 174	7.0 (7.9)
176	93.0 to 101.0 Percent of m/e 174	87.0 (98.5)
177	5.0 to 9.0 Percent of m/e 176	5.8 (6.6)

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-001.D\TO15_MasterMethod_(v1)_C
Injection Date: 03-May-2021 07:45:30
Spectrum: Tune Spec :Average 24-26(5.61-5.62) Bgrd 14(5.56)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 149

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4202	78.00	1708	123.00	303	167.00	112
37.00	22800	79.00	18120	124.00	348	168.00	57
38.00	20624	80.00	5199	125.00	341	169.00	149
39.00	7681	81.00	18128	126.00	142	170.00	210
40.00	300	82.00	4753	127.00	156	171.00	152
44.00	2951	83.00	232	128.00	1739	174.00	453184
45.00	4046	85.00	1	129.00	899	175.00	36016
46.00	382	86.00	589	130.00	1999	176.00	446272
47.00	6173	87.00	23304	131.00	553	177.00	29656
48.00	2592	88.00	22416	132.00	106	178.00	1193
49.00	19648	90.00	187	134.00	100	179.00	32
50.00	93000	91.00	2036	135.00	1059	187.00	64
51.00	27088	92.00	13939	136.00	276	188.00	67
52.00	1468	93.00	19456	137.00	1003	189.00	144
53.00	23	94.00	58528	138.00	58	190.00	75
54.00	178	95.00	512896	139.00	45	191.00	73
55.00	1191	96.00	34816	140.00	487	195.00	115
56.00	7096	97.00	979	141.00	5502	205.00	52
57.00	12948	98.00	31	142.00	666	206.00	438
58.00	372	101.00	144	143.00	6143	209.00	237
59.00	368	103.00	113	144.00	280	210.00	207
60.00	4390	104.00	2420	145.00	515	220.00	67
61.00	22032	105.00	638	146.00	525	222.00	55
62.00	21864	106.00	2439	147.00	485	223.00	160
63.00	17432	107.00	628	148.00	989	225.00	60
64.00	1634	109.00	24	149.00	509	227.00	66
65.00	198	110.00	457	150.00	592	247.00	130
67.00	1053	111.00	346	151.00	63	249.00	74
68.00	50760	112.00	108	152.00	280	249.00	145
69.00	49576	113.00	780	153.00	339	250.00	246
70.00	3846	114.00	55	154.00	318	254.00	51
71.00	227	115.00	499	155.00	1345	260.00	998
72.00	2274	116.00	1846	156.00	157	261.00	106

Report Date: 03-May-2021 12:51:14 Chrom Revision: 2.3 08-Apr-2021 17:17:48
Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-001.D\TO15_MasterMethod_(v1)_C
Injection Date: 03-May-2021 07:45:30
Spectrum: Tune Spec :Average 24-26(5.61-5.62) Bgrd 14(5.56)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 149

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	19576	117.00	3070	157.00	964	262.00	173
74.00	81728	118.00	1883	158.00	336	263.00	113
75.00	241984	119.00	2448	159.00	916		
76.00	19712	120.00	248	161.00	830		
77.00	2752	121.00	145	166.00	61		

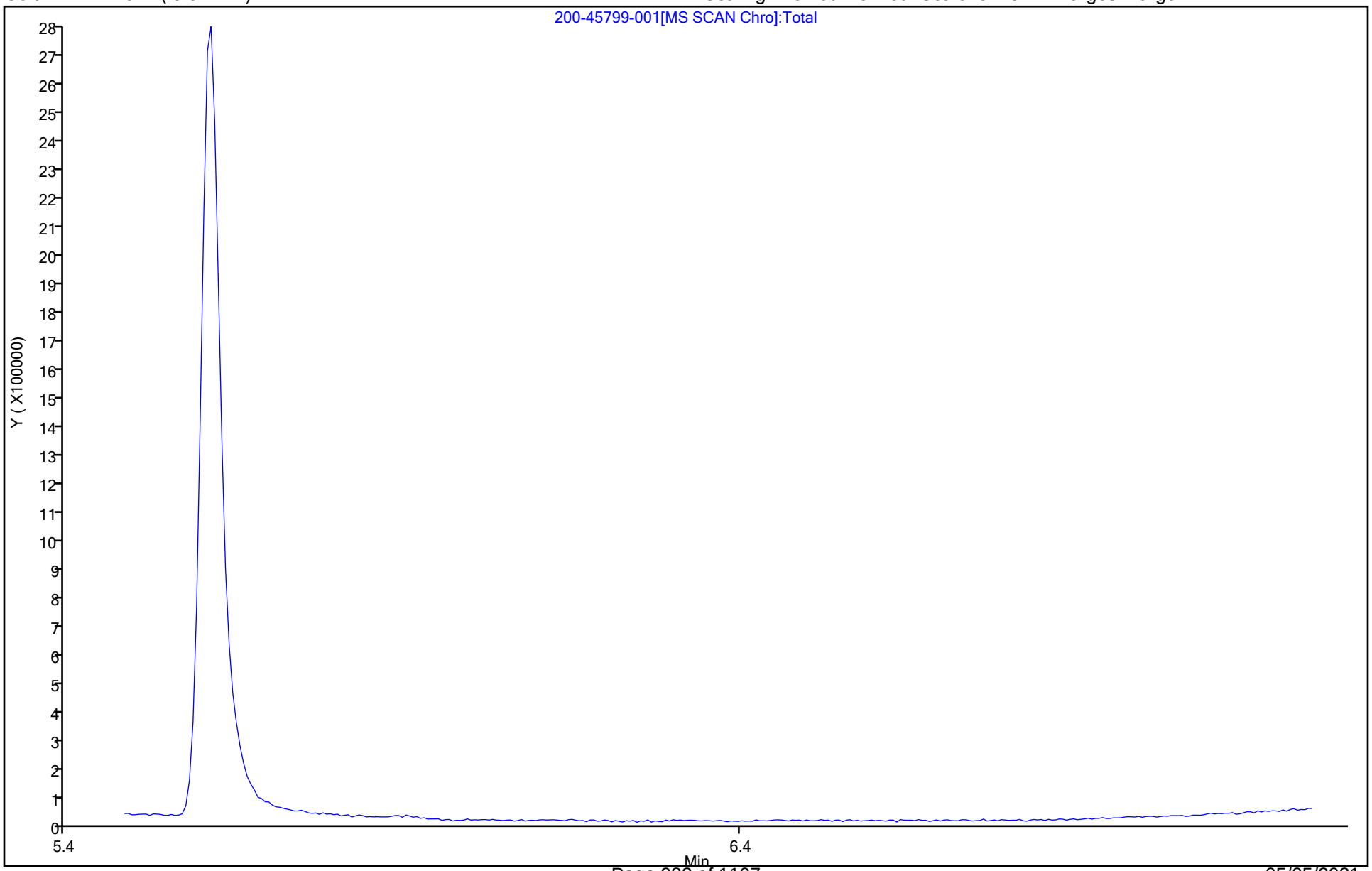
Report Date: 03-May-2021 12:51:14 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-001.D

Injection Date:	03-May-2021 07:45:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 08-Apr-2021 14:47:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0045522-001
Misc. Info.: bfb
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Apr-2021 07:00:49 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1641

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
9 BFB									
* 40 Chlorobromomethane	128		11.570				10.0	ND	
* 50 1,4-Difluorobenzene	114		13.405				10.0	ND	
* 74 Chlorobenzene-d5	117		18.878				10.0	ND	

Reagents:

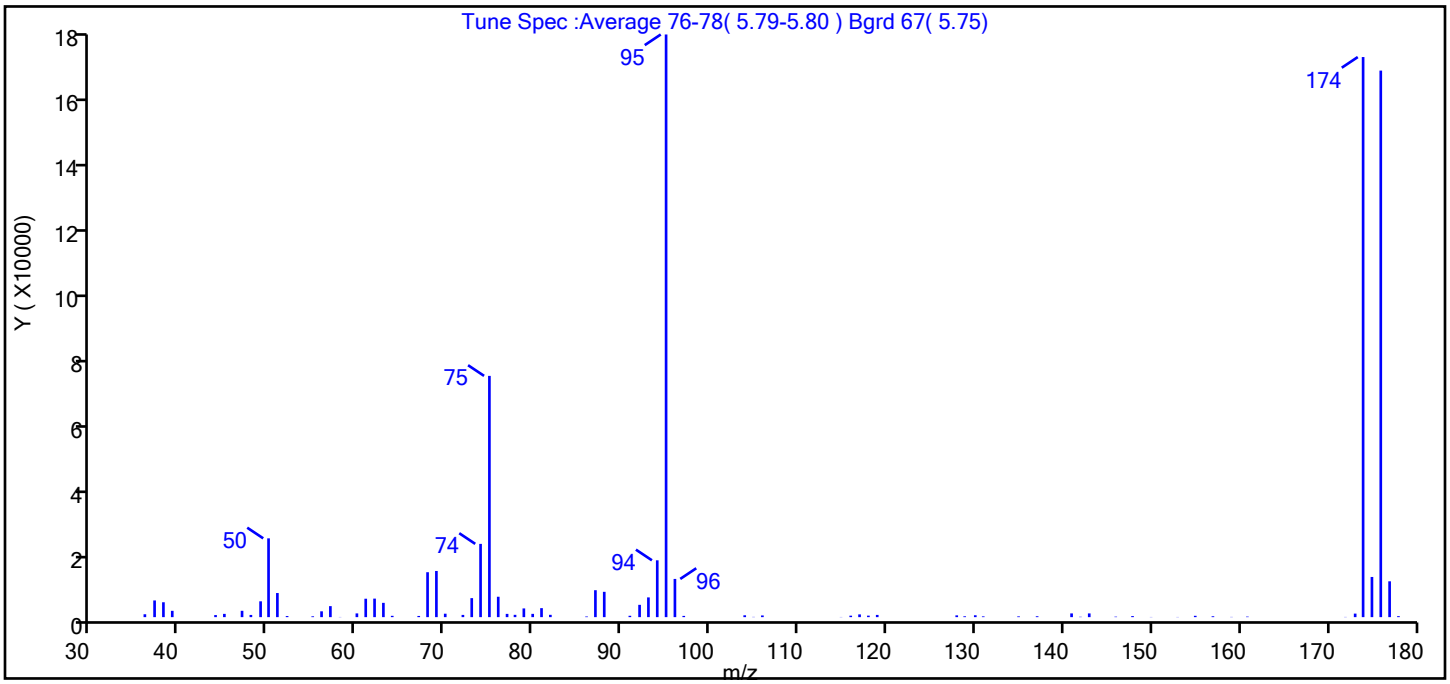
ATTO15XISs_00002 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-01.D				
Injection Date:	08-Apr-2021 14:47:30	Instrument ID:	CHX.i		
Lims ID:	bfb				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	200.0 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Tune Method:	BFB Method TO-15				

9 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	13.5
75	30.0 to 66.0 Percent of m/e 95	41.4
96	5.0 to 9.0 Percent of m/e 95	6.6
173	Less than 2.0 Percent of m/e 174	0.6 (0.6)
174	50.0 to 120.0 Percent of m/e 95	96.1
175	4.0 to 9.0 Percent of m/e 174	6.9 (7.2)
176	93.0 to 101.0 Percent of m/e 174	93.8 (97.6)
177	5.0 to 9.0 Percent of m/e 176	6.2 (6.6)

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-01.D\TO15_MasterMethod_X.m.rslt\spe
Injection Date: 08-Apr-2021 14:47:30
Spectrum: Tune Spec :Average 76-78(5.79-5.80) Bgrd 67(5.75)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 78

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	862	64.00	393	92.00	3664	141.00	1114
37.00	4970	67.00	355	93.00	5877	142.00	108
38.00	4432	68.00	13372	94.00	16920	143.00	1110
39.00	1881	69.00	13743	95.00	173440	146.00	145
44.00	617	70.00	1025	96.00	11376	148.00	312
45.00	974	72.00	666	97.00	369	150.00	53
47.00	1889	73.00	5659	104.00	552	153.00	53
48.00	656	74.00	21808	105.00	74	155.00	399
49.00	4712	75.00	71816	106.00	505	157.00	259
50.00	23456	76.00	6073	115.00	51	159.00	67
51.00	7178	77.00	972	116.00	437	161.00	161
52.00	327	78.00	689	117.00	817	172.00	61
55.00	247	79.00	2595	118.00	451	173.00	1053
56.00	1736	80.00	979	119.00	663	174.00	166720
57.00	3278	81.00	2680	128.00	532	175.00	11960
58.00	52	82.00	691	129.00	252	176.00	162688
60.00	1114	86.00	194	130.00	558	177.00	10667
61.00	5483	87.00	8018	131.00	226	178.00	291
62.00	5515	88.00	7536	135.00	224		
63.00	4256	91.00	405	137.00	266		

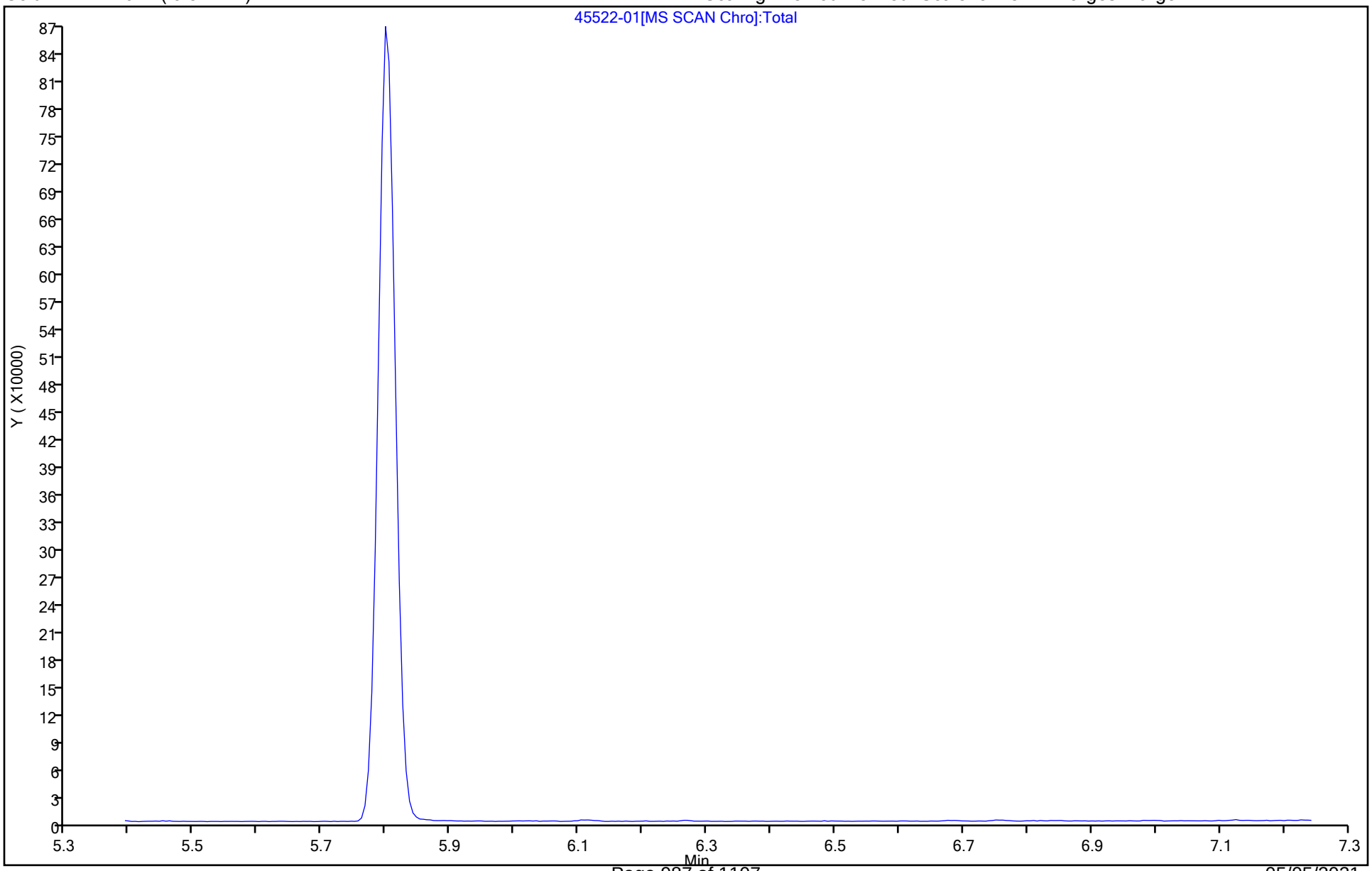
Report Date: 12-Apr-2021 07:00:50 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-01.D

Injection Date:	08-Apr-2021 14:47:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-01.D				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	30-Apr-2021 07:34:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	200.0 mL	Dil. Factor:	1.0000		
Sample Info:	200-0045779-001				
Misc. Info.:	bfb				
Operator ID:	ggg	Instrument ID:	CHX.i		
Method:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\TO15_MasterMethod_X.m.m				
Limit Group:	AI_TO15_ICAL				
Last Update:	03-May-2021 10:19:48	Calib Date:	09-Apr-2021 11:15:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	CTX1639				
First Level Reviewer: bunmaa		Date:	03-May-2021 10:19:48		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
9 BFB									
* 40 Chlorobromomethane	128		11.565				10.0	ND	
* 50 1,4-Difluorobenzene	114		13.400				10.0	ND	
* 74 Chlorobenzene-d5	117		18.878				10.0	ND	

QC Flag Legend

Processing Flags

Reagents:

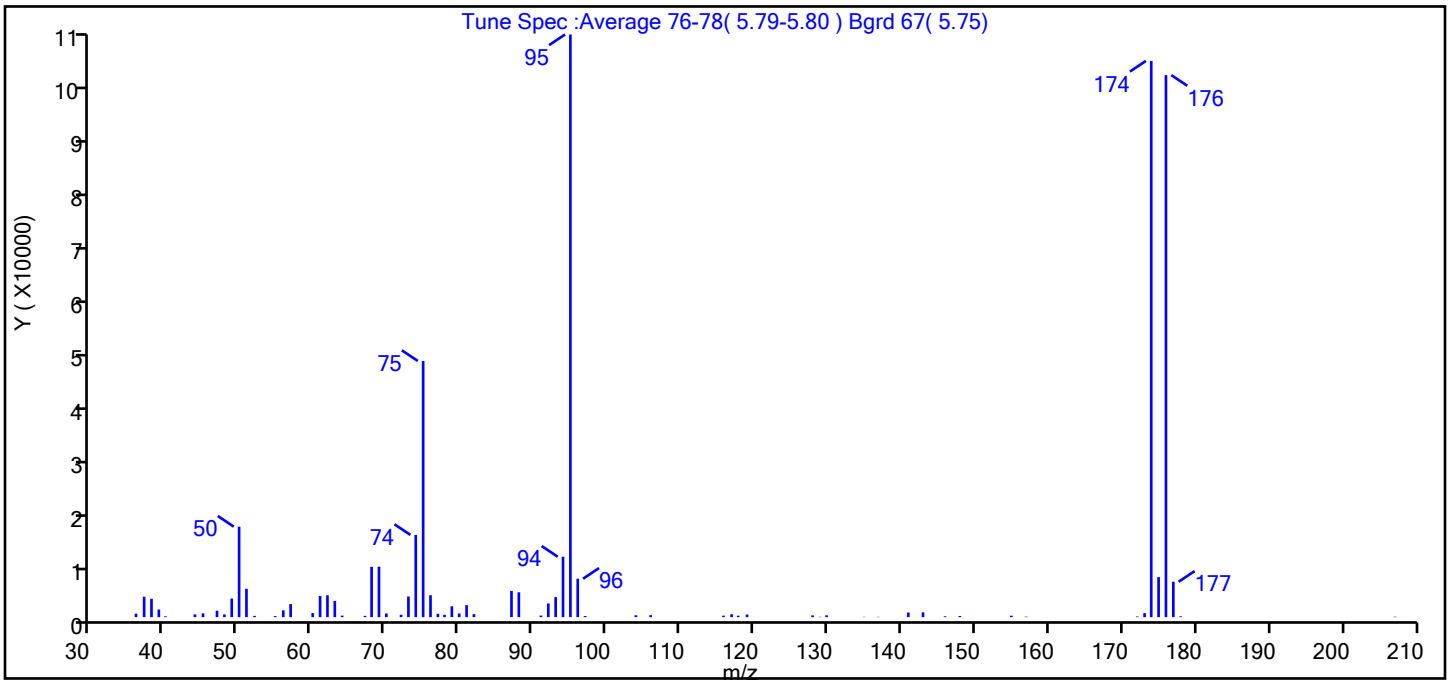
ATTO15XISs_00002 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-01.D
Injection Date: 30-Apr-2021 07:34:30 Instrument ID: CHX.i
Lims ID: bfb
Client ID:
Operator ID: ggg ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_X.m Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

9 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100 Percent Relative Abundance	100.0
50	8.0 to 40.0 Percent of m/e 95	15.5
75	30.0 to 66.0 Percent of m/e 95	44.0
96	5.0 to 9.0 Percent of m/e 95	6.6
173	Less than 2.0 Percent of m/e 174	0.7 (0.7)
174	50.0 to 120.0 Percent of m/e 95	95.5
175	4.0 to 9.0 Percent of m/e 174	6.9 (7.2)
176	93.0 to 101.0 Percent of m/e 174	93.0 (97.5)
177	5.0 to 9.0 Percent of m/e 176	6.1 (6.5)

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-01.D\TO15_MasterMethod_X.m.rslt\spe
Injection Date: 30-Apr-2021 07:34:30
Spectrum: Tune Spec :Average 76-78(5.79-5.80) Bgrd 67(5.75)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	619	62.00	3902	87.00	4675	135.00	55
37.00	3641	63.00	2903	88.00	4433	137.00	54
38.00	3280	64.00	272	91.00	279	141.00	816
39.00	1359	67.00	226	92.00	2441	143.00	858
40.00	152	68.00	8980	93.00	3571	146.00	155
44.00	496	69.00	9000	94.00	10778	148.00	211
45.00	681	70.00	656	95.00	103952	155.00	263
47.00	1149	72.00	421	96.00	6855	157.00	91
48.00	483	73.00	3686	97.00	203	172.00	116
49.00	3317	74.00	14667	104.00	335	173.00	710
50.00	16145	75.00	45704	106.00	353	174.00	99232
51.00	5059	76.00	3912	116.00	264	175.00	7140
52.00	222	77.00	600	117.00	517	176.00	96704
55.00	192	78.00	418	118.00	261	177.00	6316
56.00	1222	79.00	1929	119.00	465	178.00	139
57.00	2332	80.00	655	128.00	313	207.00	79
60.00	722	81.00	2145	129.00	61		
61.00	3779	82.00	535	130.00	325		

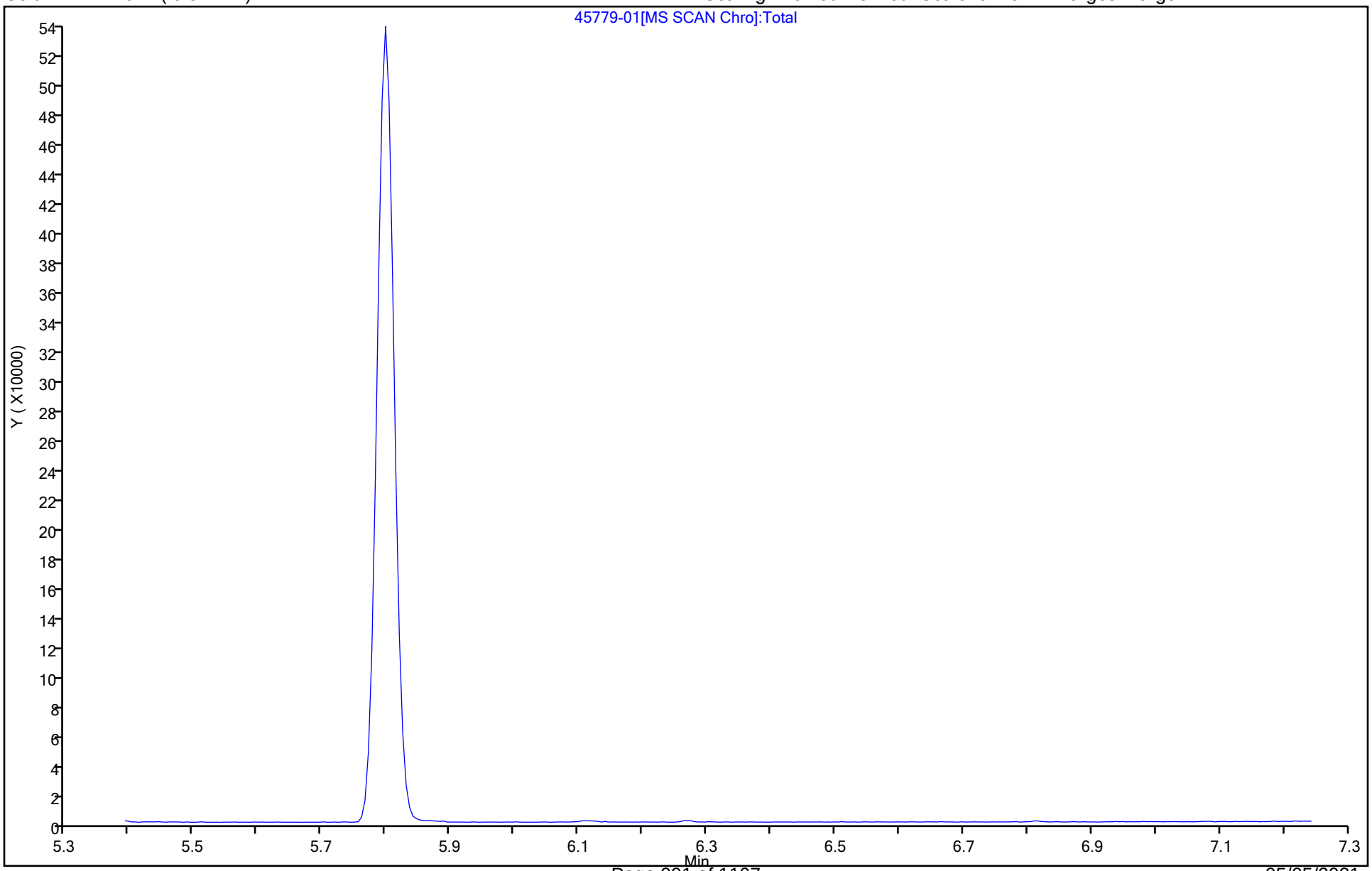
Report Date: 03-May-2021 10:19:49 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-01.D

Injection Date:	30-Apr-2021 07:34:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	200.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-166352/4

Matrix: Air Lab File ID: 45779-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 10:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.25
106-97-8	n-Butane	58.12	1.2	U	1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.11
67-64-1	Acetone	58.08	12	U	12	4.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	2.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.16
71-43-2	Benzene	78.11	0.64	U	0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-166352/4

Matrix: Air Lab File ID: 45779-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 10:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.24
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	0.75	U	0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.43
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.74
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.41
100-42-5	Styrene	104.15	0.85	U	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-166352/4

Matrix: Air Lab File ID: 45779-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 10:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-166352/4

Matrix: Air Lab File ID: 45779-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 10:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.12
106-97-8	n-Butane	58.12	0.50	U	0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.029
67-64-1	Acetone	58.08	5.0	U	5.0	2.0
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.088
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.20	U	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.035
71-43-2	Benzene	78.11	0.20	U	0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-166352/4

Matrix: Air Lab File ID: 45779-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 10:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.059
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	0.20	U	0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.10
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.17
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.094
100-42-5	Styrene	104.15	0.20	U	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-166352/4

Matrix: Air Lab File ID: 45779-04.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 10:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-04.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Apr-2021 10:06:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045779-004
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 03-May-2021 10:25:03 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: bunmaa Date: 03-May-2021 10:25:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		4.333					ND	
2 Dichlorodifluoromethane	85		4.429					ND	
3 Chlorodifluoromethane	51		4.472					ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.787					ND	
5 Chloromethane	50		4.910					ND	
6 Butane	43		5.226					ND	
7 Vinyl chloride	62		5.226					ND	
8 Butadiene	54		5.338					ND	
10 Bromomethane	94		6.055					ND	
11 Chloroethane	64		6.323					ND	
12 2-Methylbutane	43		6.526					ND	
13 Vinyl bromide	106		6.740					ND	
14 Trichlorofluoromethane	101		6.900					ND	
16 Pentane	43		7.104					ND	
17 Ethanol	45		7.232					ND	7
18 Ethyl ether	59		7.500					ND	
19 Acrolein	56		7.756					ND	
21 1,1-Dichloroethene	96		7.960					ND	
20 112TCTFE	101		7.992					ND	
22 Acetone	43		8.013					ND	
24 Isopropyl alcohol	45		8.286					ND	
23 Carbon disulfide	76		8.377					ND	
26 Acetonitrile	41		8.527					ND	
25 3-Chloro-1-propene	41		8.655					ND	
27 Methylene Chloride	49		8.891					ND	
28 2-Methyl-2-propanol	59		9.046					ND	
32 Acrylonitrile	53		9.281					ND	
29 Methyl tert-butyl ether	73		9.367					ND	
31 trans-1,2-Dichloroethene	61		9.388					ND	
S 30 1,2-Dichloroethene, Total	61		9.665					ND	7
33 Hexane	57		9.880					ND	
35 Vinyl acetate	43		10.142					ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
	34 1,1-Dichloroethane	63		10.153					ND	
	38 2-Butanone (MEK)	72		11.095					ND	
	37 cis-1,2-Dichloroethene	96		11.143					ND	
	39 Ethyl acetate	88		11.175					ND	
*	40 Chlorobromomethane	128	11.565	11.565	0.000	81	59121	10.0	10.0	
	41 Tetrahydrofuran	42		11.581					ND	
	42 Chloroform	83		11.737					ND	
	44 1,1,1-Trichloroethane	97		12.036					ND	
	43 Cyclohexane	84		12.181					ND	
	45 Carbon tetrachloride	117		12.314					ND	
	47 Benzene	78		12.662					ND	
	48 1,2-Dichloroethane	62		12.748					ND	
	46 Isooctane	57		12.865					ND	
	49 n-Heptane	43		13.170					ND	
*	50 1,4-Difluorobenzene	114	13.406	13.400	0.006	93	299170	10.0	10.0	
	52 n-Butanol	56		13.582					ND	7
	53 Trichloroethene	95		13.828					ND	
A	51 GRO	1	14.192	(6.516-21.868)		0	615853		0	
	54 1,2-Dichloropropane	63		14.294					ND	
	55 Methyl methacrylate	69		14.358					ND	
	56 1,4-Dioxane	88		14.401					ND	
	57 Dibromomethane	174		14.454					ND	
	58 Dichlorobromomethane	83		14.759					ND	
	60 cis-1,3-Dichloropropene	75		15.556					ND	
A	59 TVOC as Toluene	92	15.564	(4.323-26.806)		0	694916		0	
	61 4-Methyl-2-pentanone (MIBK)	43		15.792					ND	
	65 Toluene	92		16.193					ND	
	64 n-Octane	43		16.423					ND	
	66 trans-1,3-Dichloropropene	75		16.610					ND	
	67 1,1,2-Trichloroethane	83		16.990					ND	
	68 Tetrachloroethene	166		17.183					ND	
	69 2-Hexanone	43		17.370					ND	
	71 Chlorodibromomethane	129		17.734					ND	
	72 Ethylene Dibromide	107		17.980					ND	
*	74 Chlorobenzene-d5	117	18.878	18.878	0.000	85	228351	10.0	10.0	
	75 Chlorobenzene	112		18.937					ND	
	76 Ethylbenzene	91		19.119					ND	7
	78 m-Xylene & p-Xylene	106		19.381					ND	
	77 n-Nonane	57		19.430					ND	
S	73 Xylenes, Total	106		19.600					ND	7
	79 o-Xylene	106		20.152					ND	
	80 Styrene	104		20.195					ND	
	81 Bromoform	173		20.548					ND	
	82 Isopropylbenzene	105		20.836					ND	
	84 1,1,2,2-Tetrachloroethane	83		21.355					ND	7
	86 1,2,3-Trichloropropane	75		21.457					ND	
	85 N-Propylbenzene	91		21.548					ND	U
	89 2-Chlorotoluene	91		21.698					ND	7
	88 4-Ethyltoluene	105		21.741					ND	U
	90 1,3,5-Trimethylbenzene	105		21.837					ND	
	87 n-Decane	57		21.858					ND	
	91 Alpha Methyl Styrene	118	22.163	22.163	0.000	1	155		0.0148	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
92 tert-Butylbenzene	119		22.313					ND	
93 1,2,4-Trimethylbenzene	105		22.399					ND	U
94 sec-Butylbenzene	105		22.634					ND	7
96 1,3-Dichlorobenzene	146	22.816	22.816	0.000	81	644		0.0471	
95 4-Isopropyltoluene	119		22.848					ND	7
97 1,4-Dichlorobenzene	146	22.960	22.955	0.005	89	744		0.0603	
98 Benzyl chloride	91		23.099					ND	U
100 n-Butylbenzene	91	23.404	23.404	0.000	1	281		0.0136	7M
101 1,2-Dichlorobenzene	146	23.452	23.447	0.005	80	570		0.0439	
99 Undecane	57		23.543					ND	
102 Dodecane	57		25.132					ND	
103 1,2,4-Trichlorobenzene	180	25.908	25.903	0.005	77	584		0.1009	
104 Hexachlorobutadiene	225		26.138					ND	
105 Naphthalene	128		26.384					ND	U
106 1,2,3-Trichlorobenzene	180	26.807	26.807	0.011	1	467		0.0716	M
122 Total Alkanes TIC	1		0.000					ND	
123 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags
- 7 - Failed Limit of Detection

Review Flags
- M - Manually Integrated
- U - Marked Undetected

Reagents:

ATTO15XISs_00002 Amount Added: 20.00 Units: mL Run Reagent

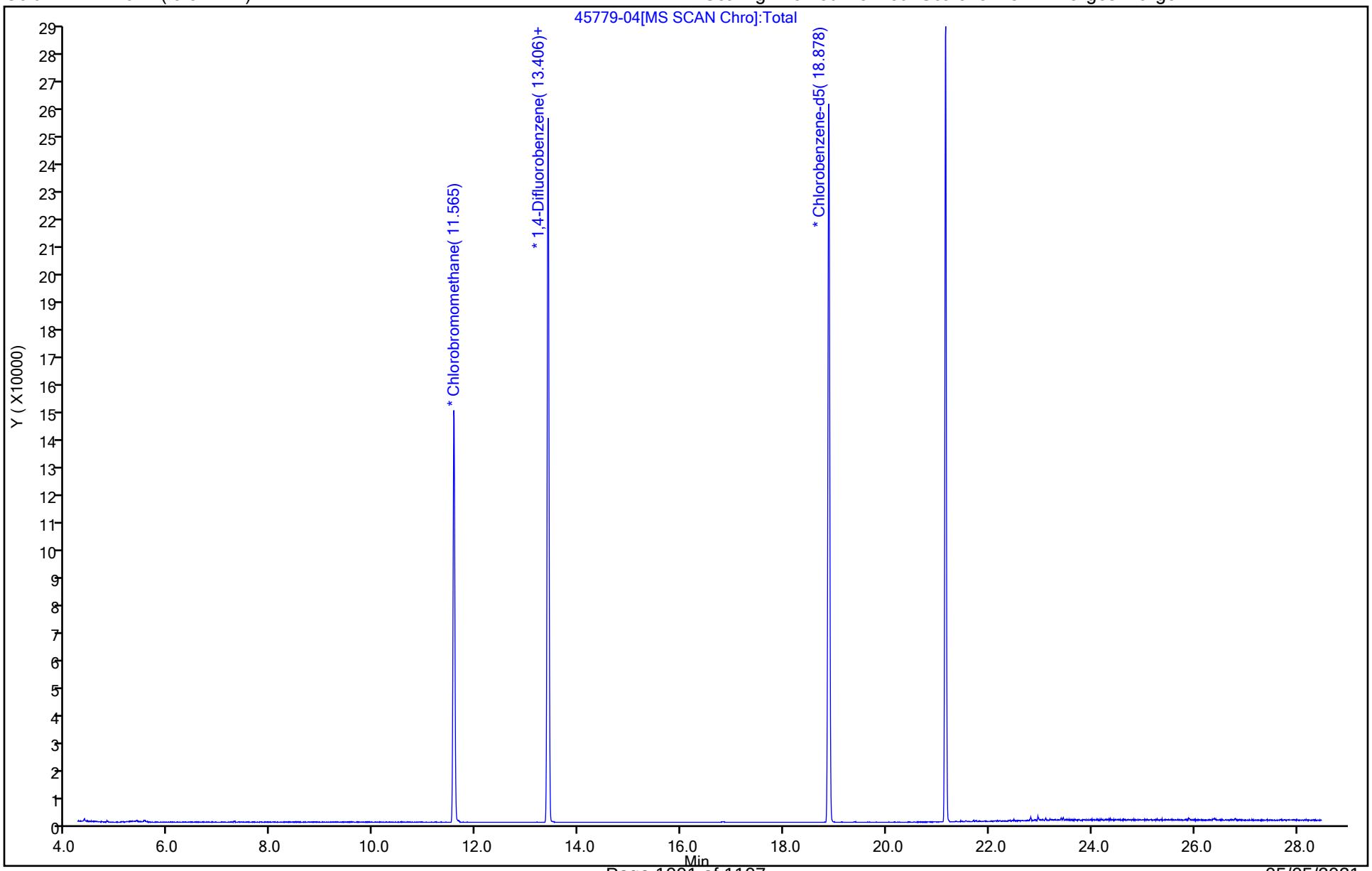
Report Date: 03-May-2021 10:25:03 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-04.D

Injection Date:	30-Apr-2021 10:06:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	MB			Worklist Smp#:	4
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



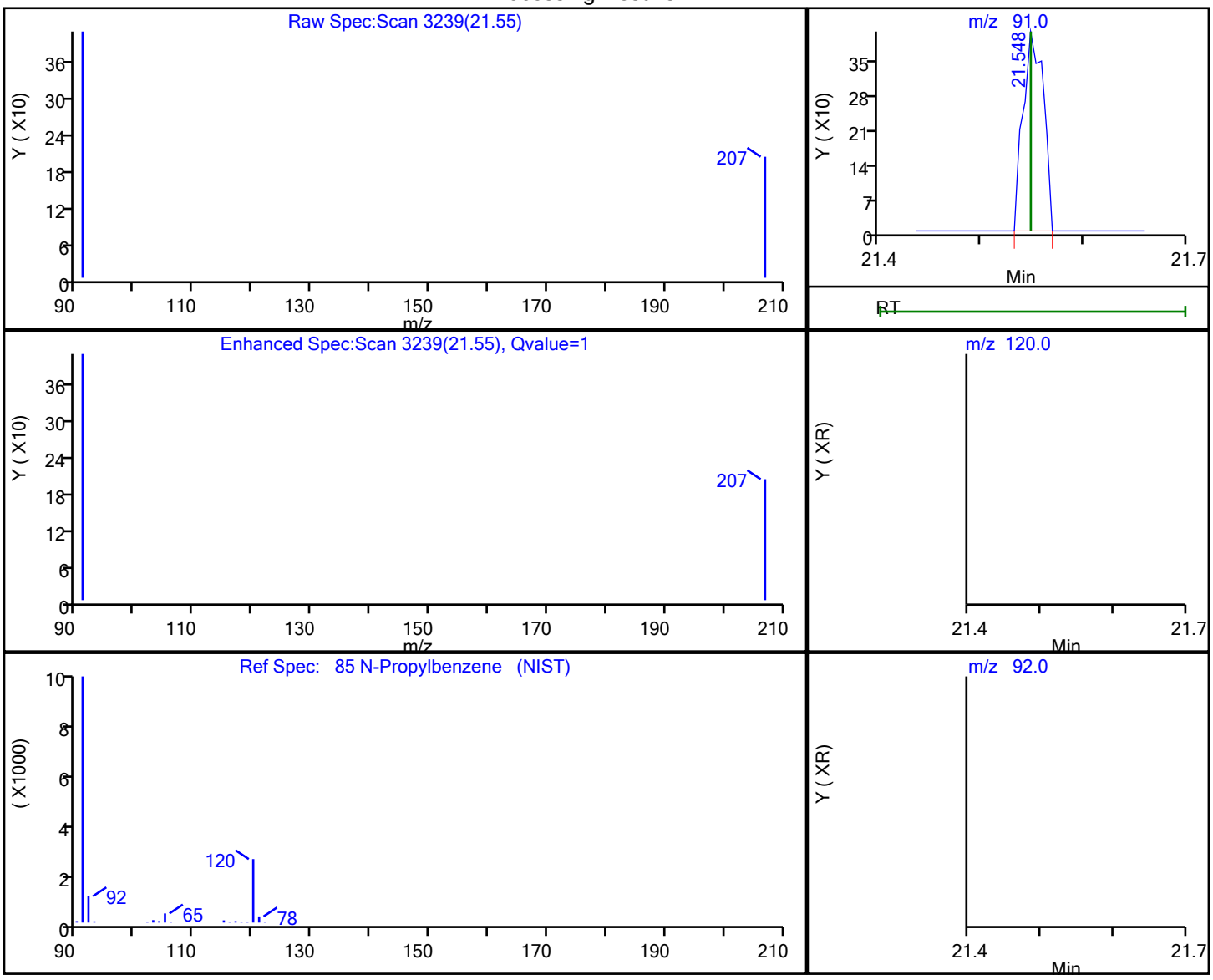
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-04.D				
Injection Date:	30-Apr-2021 10:06:30	Instrument ID:	CHX.i		
Lims ID:	MB				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

85 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
21.55	91.00	564	0.017093
21.55	120.00	0	
21.55	92.00	0	

Reviewer: bunmaa, 03-May-2021 10:23:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

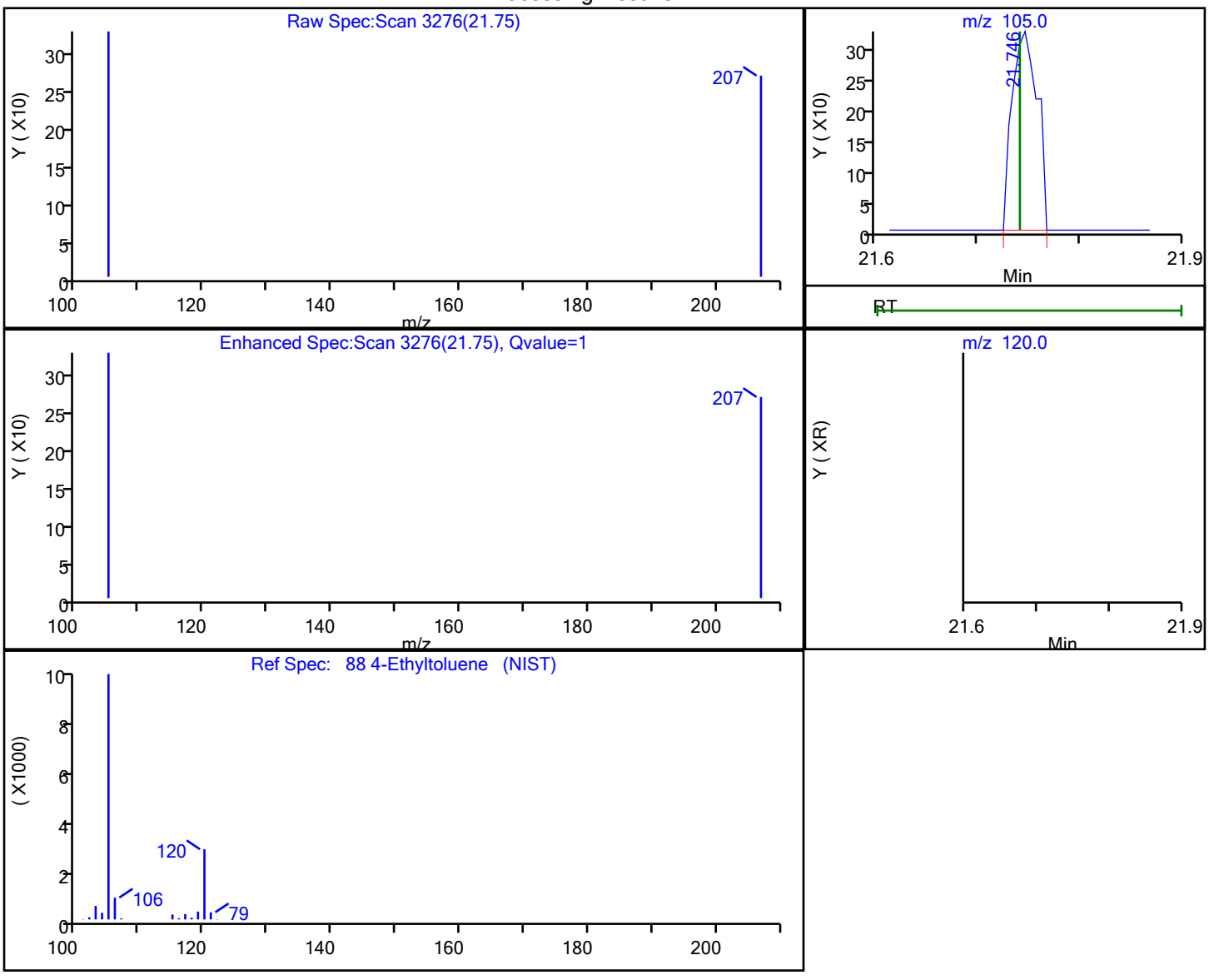
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-04.D				
Injection Date:	30-Apr-2021 10:06:30	Instrument ID:	CHX.i		
Lims ID:	MB				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

88 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
21.75	105.00	565	0.020603
21.74	120.00	0	

Reviewer: bunmaa, 03-May-2021 10:23:20

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

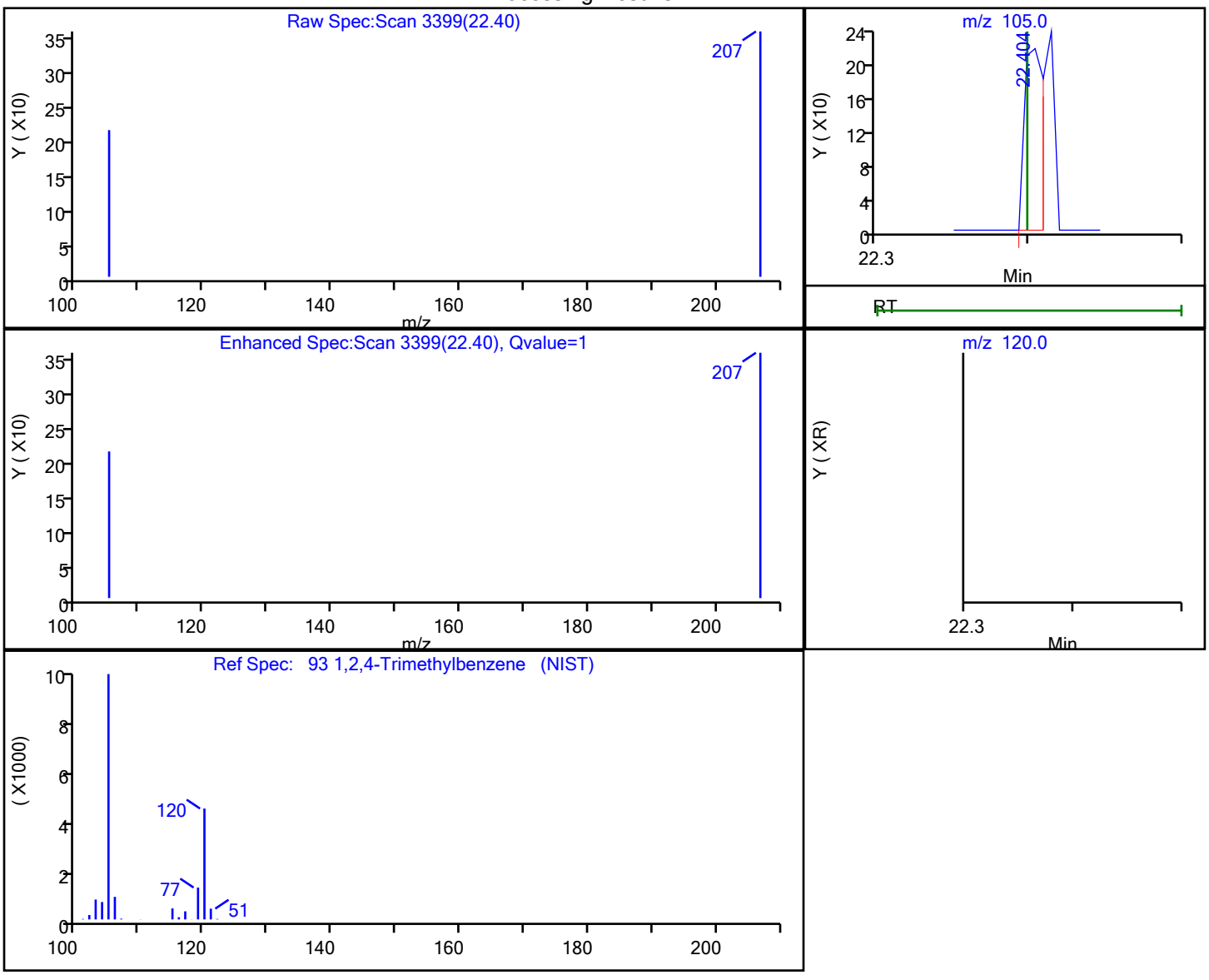
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-04.D				
Injection Date:	30-Apr-2021 10:06:30	Instrument ID:	CHX.i		
Lims ID:	MB				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

93 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
22.40	105.00	189	0.008367
22.40	120.00	0	

Reviewer: bunmaa, 03-May-2021 10:23:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

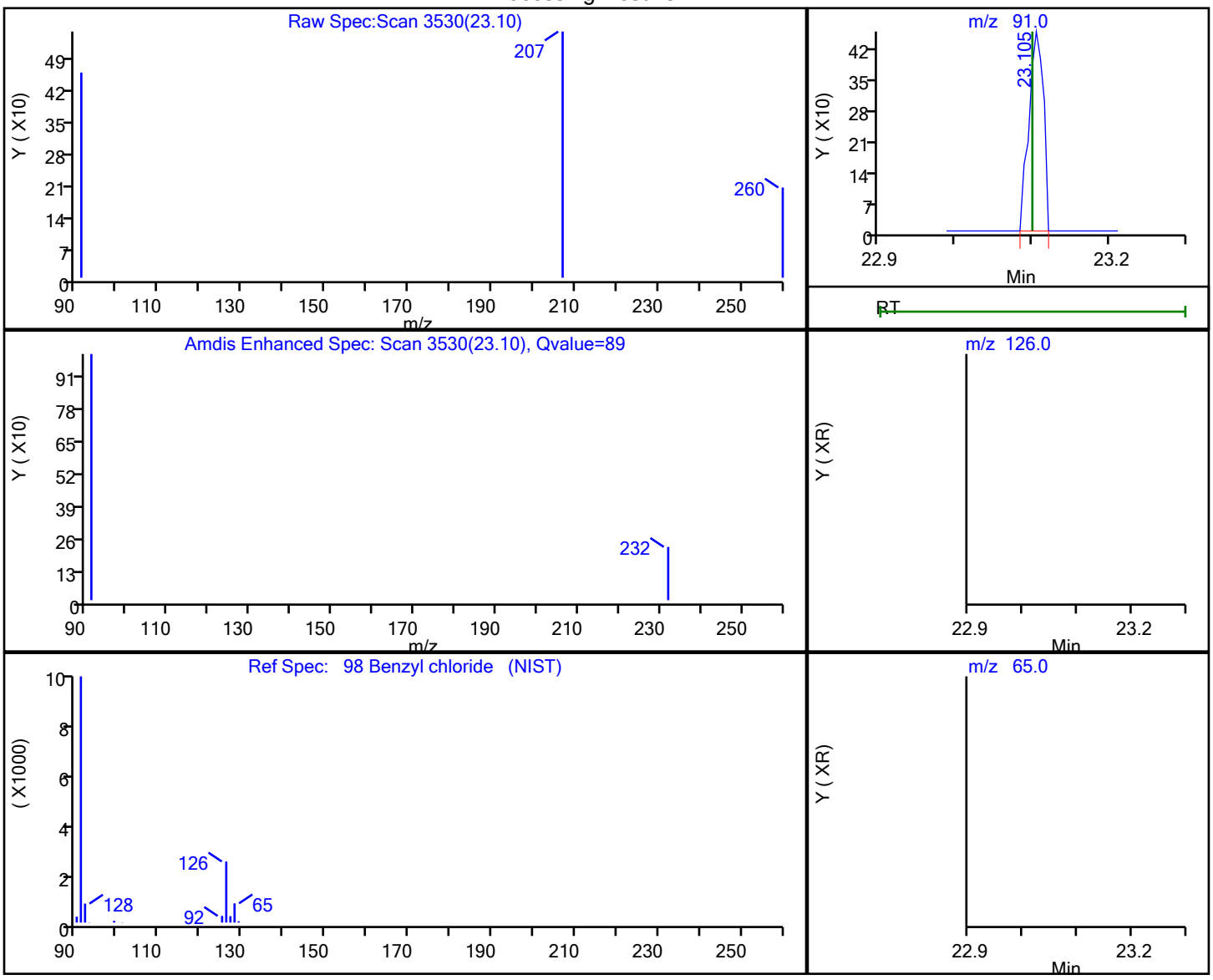
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-04.D				
Injection Date:	30-Apr-2021 10:06:30	Instrument ID:	CHX.i		
Lims ID:	MB				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
23.10	91.00	601	0.049789
23.10	126.00	0	
23.10	65.00	0	

Reviewer: bunmaa, 03-May-2021 10:23:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

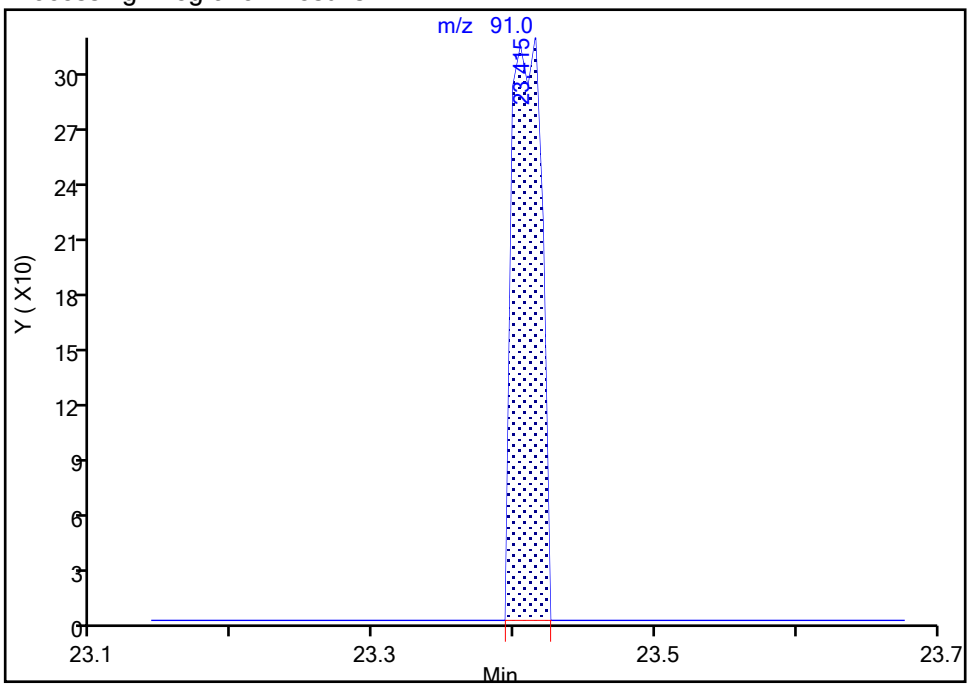
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-04.D				
Injection Date:	30-Apr-2021 10:06:30	Instrument ID:	CHX.i		
Lims ID:	MB				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

100 n-Butylbenzene, CAS: 104-51-8

Signal: 1

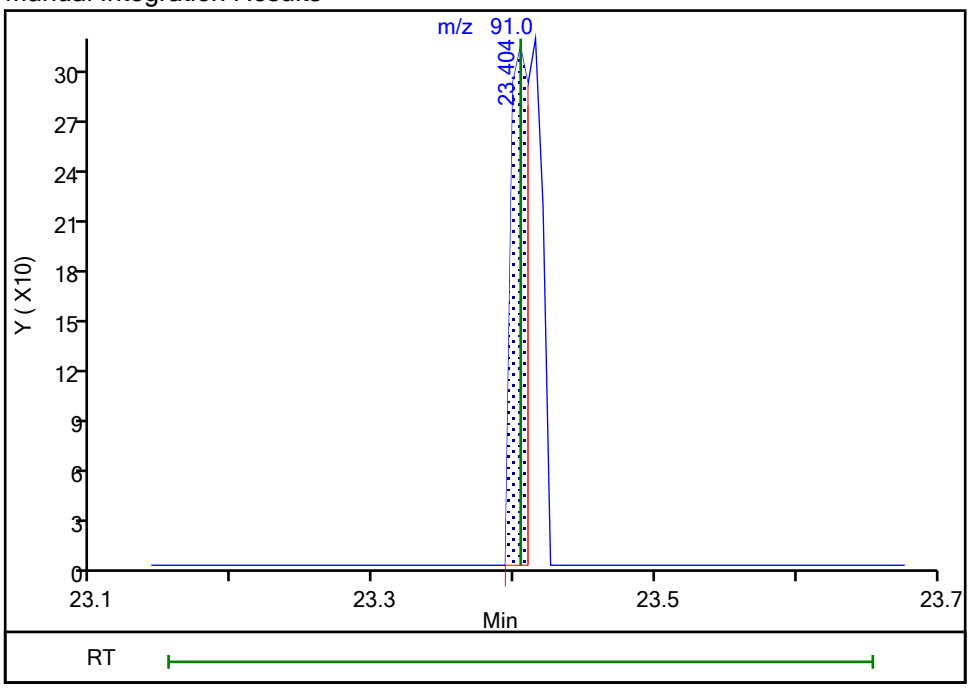
Processing Integration Results

RT: 23.41
Area: 449
Amount: 0.021723
Amount Units: ppb v/v



Manual Integration Results

RT: 23.40
Area: 281
Amount: 0.013595
Amount Units: ppb v/v



Reviewer: bunmaa, 03-May-2021 10:24:10

Audit Action: Manually Integrated Audit Reason: Assign Peak

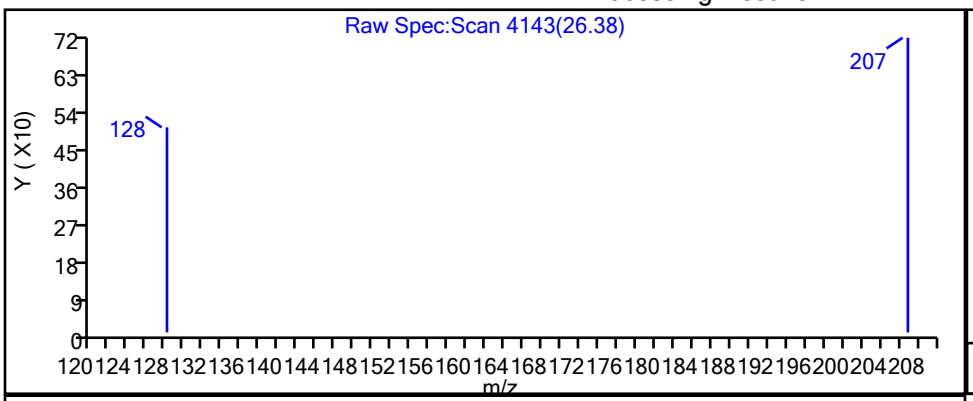
User Disabled Compound Report

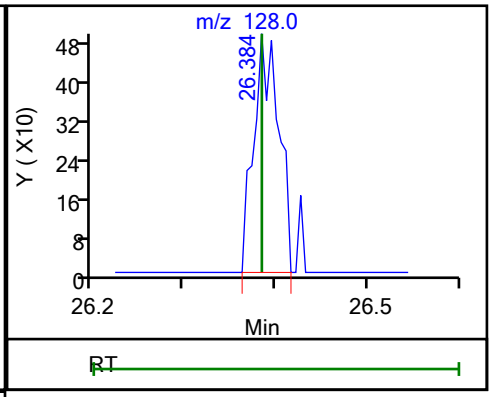
Eurofins TestAmerica, Burlington

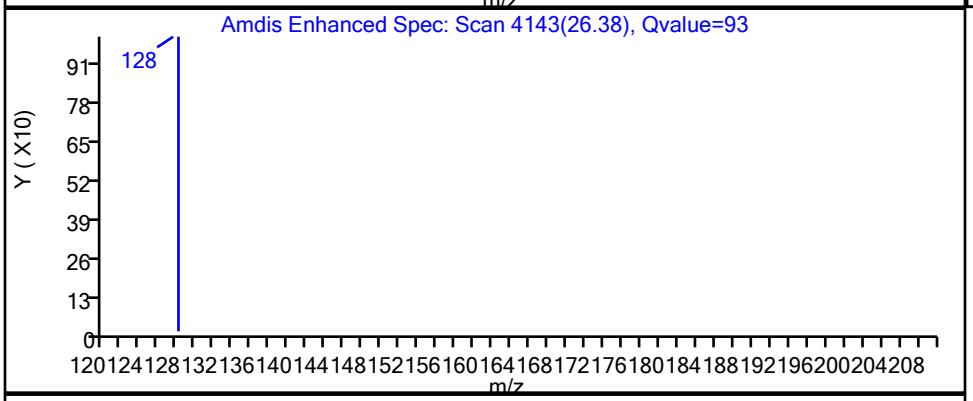
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-04.D				
Injection Date:	30-Apr-2021 10:06:30	Instrument ID:	CHX.i		
Lims ID:	MB				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

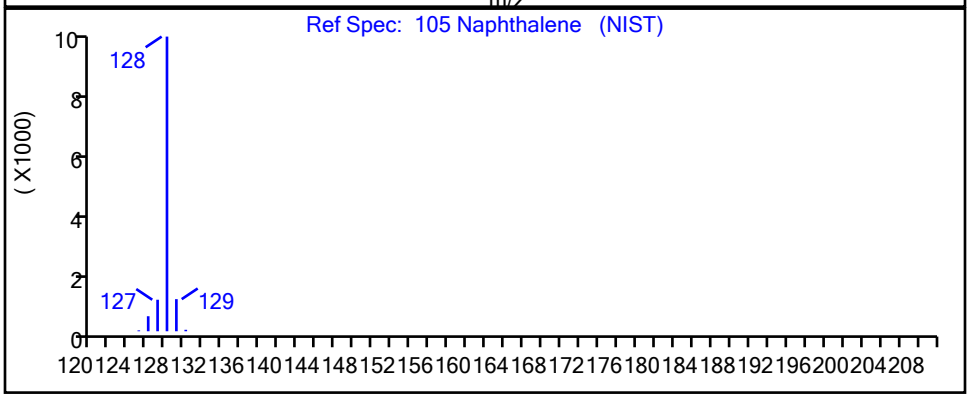
105 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
26.38	128.00	946	0.085404

Reviewer: bunmaa, 03-May-2021 10:24:33

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-166409/5

Matrix: Air Lab File ID: 200-45799-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/03/2021 11:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.38
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.25
106-97-8	n-Butane	58.12	1.2	U	1.2	0.45
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.072
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.084
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.20
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.11
67-64-1	Acetone	58.08	12	U	12	4.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	2.4
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.34
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.35
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.81
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	1.5	U	1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.13
67-66-3	Chloroform	119.38	0.98	U	0.98	0.22
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.21
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.12
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.16
71-43-2	Benzene	78.11	0.64	U	0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-166409/5

Matrix: Air Lab File ID: 200-45799-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/03/2021 11:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.24
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.40
123-91-1	1,4-Dioxane	88.11	18	U	18	6.1
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	2.0	U	2.0	0.78
108-88-3	Toluene	92.14	0.75	U	0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.19
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.35
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.43
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.74
95-47-6	o-Xylene	106.17	0.87	U	0.87	0.41
100-42-5	Styrene	104.15	0.85	U	0.85	0.14
75-25-2	Bromoform	252.75	2.1	U	2.1	0.60
98-82-8	Cumene	120.19	0.98	U	0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.22
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.25
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.23
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-166409/5

Matrix: Air Lab File ID: 200-45799-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/03/2021 11:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.38
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.33
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.89

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-166409/5

Matrix: Air Lab File ID: 200-45799-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/03/2021 11:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.11
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.055
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.12
106-97-8	n-Butane	58.12	0.50	U	0.50	0.19
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.028
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.038
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.052
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.25
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.085
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.052
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.055
75-35-4	1,1-Dichloroethene	96.94	0.050	U	0.050	0.029
67-64-1	Acetone	58.08	5.0	U	5.0	2.0
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.98
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.11
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.17
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.080
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.088
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.23
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.029
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	0.50	U	0.50	0.17
156-59-2	cis-1,2-Dichloroethene	96.94	0.050	U	0.050	0.033
67-66-3	Chloroform	119.38	0.20	U	0.20	0.046
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.2
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.039
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.035
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.032
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.035
71-43-2	Benzene	78.11	0.20	U	0.20	0.074
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-166409/5

Matrix: Air Lab File ID: 200-45799-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/03/2021 11:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.059
79-01-6	Trichloroethene	131.39	0.037	U	0.037	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.16
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.087
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.7
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.020
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	0.50	U	0.50	0.19
108-88-3	Toluene	92.14	0.20	U	0.20	0.093
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.089
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.034
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.027
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.031
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.046
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.043
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.10
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.17
95-47-6	o-Xylene	106.17	0.20	U	0.20	0.094
100-42-5	Styrene	104.15	0.20	U	0.20	0.032
75-25-2	Bromoform	252.75	0.20	U	0.20	0.058
98-82-8	Cumene	120.19	0.20	U	0.20	0.037
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.051
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.044
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.048
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.037
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.047
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.039
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.039
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.089
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.095

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-166409/5

Matrix: Air Lab File ID: 200-45799-005.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/03/2021 11:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.074
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.055
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.070
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.19
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.031
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.17

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-005.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 03-May-2021 11:08:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045799-005
Operator ID: ggg Instrument ID: CHG.i

Method: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 03-May-2021 12:49:12 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1628

First Level Reviewer: bourdeaut Date: 03-May-2021 12:49:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		3.043				ND	ND	U
2 Dichlorodifluoromethane	85		3.097				ND	ND	
3 Chlorodifluoromethane	51		3.113				ND	ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.305				ND	ND	
5 Chloromethane	50		3.375				ND	ND	
7 Vinyl chloride	62		3.562				ND	ND	
6 Butane	43		3.573				10.3	ND	7
8 Butadiene	54		3.637				ND	ND	
10 Bromomethane	94		4.092				ND	ND	
11 Chloroethane	64		4.274				ND	ND	
12 2-Methylbutane	43		4.445				ND	ND	
13 Vinyl bromide	106		4.584				ND	ND	
14 Trichlorofluoromethane	101		4.718				ND	ND	
16 Pentane	43		4.883				ND	ND	
17 Ethanol	45		4.926				ND	ND	
18 Ethyl ether	59		5.194				ND	ND	
19 Acrolein	56		5.349				ND	ND	
21 1,1-Dichloroethene	96		5.568				ND	ND	
22 Acetone	43		5.584				10.4	ND	7
20 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.611				ND	ND	
24 Isopropyl alcohol	45		5.820				ND	ND	
23 Carbon disulfide	76		5.943				10.4	ND	7
26 Acetonitrile	41		5.985				ND	ND	
25 3-Chloro-1-propene	41		6.162				10.7	ND	7
27 Methylene Chloride	49		6.360				10.2	ND	7
28 2-Methyl-2-propanol	59		6.526				ND	ND	
32 Acrylonitrile	53		6.686				ND	ND	
31 trans-1,2-Dichloroethene	61		6.857				ND	ND	
29 Methyl tert-butyl ether	73		6.879				ND	ND	
33 Hexane	57		7.387				ND	ND	
34 1,1-Dichloroethane	63		7.569				ND	ND	
35 Vinyl acetate	43		7.580				ND	ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
38 2-Butanone (MEK)	72		8.494				ND	ND	
37 cis-1,2-Dichloroethene	96		8.532				ND	ND	
39 Ethyl acetate	88		8.607				ND	ND	
* 40 Chlorobromomethane	128	8.933	8.933	0.000	80	112515	10.0	10.0	
41 Tetrahydrofuran	42		9.013				9.81	ND	7
42 Chloroform	83		9.115				ND	ND	
44 1,1,1-Trichloroethane	97		9.457				ND	ND	
43 Cyclohexane	84		9.639				ND	ND	
S 30 1,2-Dichloroethene, Total	61		9.665				20.0	ND	7
45 Carbon tetrachloride	117		9.768				10.0	ND	7
47 Benzene	78	10.099	10.095	0.000	1	900	10.4	0.0272	
48 1,2-Dichloroethane	62		10.147				ND	ND	
46 Isooctane	57		10.399				ND	ND	
49 n-Heptane	43		10.752				10.3	ND	7
* 50 1,4-Difluorobenzene	114	10.902	10.902	0.000	94	672398	10.0	10.0	
52 n-Butanol	56		11.148				ND	ND	U
53 Trichloroethene	95		11.394				ND	ND	
54 1,2-Dichloropropane	63		11.870				ND	ND	
55 Methyl methacrylate	69		12.015				ND	ND	
57 Dibromomethane	174	12.036	12.020	0.011	26	360	10.3	0.0152	
56 1,4-Dioxane	88		12.036				ND	ND	
A 51 GRO	1	12.352	(4.435-20.268)		0	747615	649.9	0	
58 Dichlorobromomethane	83		12.384				ND	ND	
60 cis-1,3-Dichloropropene	75		13.282				ND	ND	
61 4-Methyl-2-pentanone (MIBK)	43		13.582				ND	ND	
65 Toluene	92	14.010	14.010	0.000	41	1142	10.2	0.0425	
A 63 Toluene Range	92	14.010	(13.970-14.050)		0	6062	NC	NC	
A 59 TVOC as Toluene	92	14.061	(3.033-25.089)		0	879499	899.8	0	
A 62 C8 Range	1	14.371	(14.341-14.401)		0	5161	NC	NC	
64 n-Octane	43		14.363				ND	ND	
66 trans-1,3-Dichloropropene	75		14.433				ND	ND	
67 1,1,2-Trichloroethane	83		14.823				ND	ND	
68 Tetrachloroethene	166		15.096				10.5	ND	7
69 2-Hexanone	43		15.294				10.1	ND	7
71 Chlorodibromomethane	129		15.615				10.6	ND	7
72 Ethylene Dibromide	107		15.861				10.7	ND	7
* 74 Chlorobenzene-d5	117	16.861	16.861	0.000	87	627510	10.0	10.0	
75 Chlorobenzene	112		16.920				10.5	ND	7
76 Ethylbenzene	91	17.161	17.150	0.011	89	4045	10.2	0.0653	
78 m-Xylene & p-Xylene	106		17.434				20.0	ND	7
77 n-Nonane	57		17.578				ND	ND	
79 o-Xylene	106	18.247	18.242	0.005	90	959	10.4	0.0417	
80 Styrene	104		18.274				ND	ND	U
81 Bromoform	173		18.611				10.3	ND	7
82 Isopropylbenzene	105		19.039				10.5	ND	7
* 83 4-Bromofluorobenzene	95	19.354	19.354	0.000	96	459537	10.0	10.0	
84 1,1,2,2-Tetrachloroethane	83		19.568				10.3	ND	7
S 73 Xylenes, Total	106				0		30.0	0.0417	
86 1,2,3-Trichloropropane	75		19.670				ND	ND	
85 N-Propylbenzene	91		19.841				10.4	ND	7
89 2-Chlorotoluene	91		19.975				10.4	ND	7
88 4-Ethyltoluene	105		20.060				ND	ND	U

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
90 1,3,5-Trimethylbenzene	105		20.167				10.5	ND	7
87 n-Decane	57		20.258				ND	ND	
91 Alpha Methyl Styrene	118		20.515				ND	ND	U
92 tert-Butylbenzene	119		20.686				10.4	ND	7
93 1,2,4-Trimethylbenzene	105		20.777				ND	ND	U
94 sec-Butylbenzene	105		21.039				10.5	ND	7
96 1,3-Dichlorobenzene	146		21.195				ND	ND	U
95 4-Isopropyltoluene	119		21.270				10.5	ND	7
97 1,4-Dichlorobenzene	146		21.344				ND	ND	U
98 Benzyl chloride	91		21.494				ND	ND	U
101 1,2-Dichlorobenzene	146		21.842				ND	ND	U
100 n-Butylbenzene	91		21.847				ND	ND	U
99 Undecane	57		22.045				10.7	ND	7
102 Dodecane	57		23.607				10.6	ND	7
103 1,2,4-Trichlorobenzene	180		24.239				ND	ND	U
104 Hexachlorobutadiene	225		24.511				ND	ND	U
105 Naphthalene	128	24.683	24.678	0.006	94	3387	10.5	0.0450	
106 1,2,3-Trichlorobenzene	180		25.079				ND	ND	U

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND
- 7 - Failed Limit of Detection

Review Flags
- U - Marked Undetected

Reagents:

ATTO15LCSW_00823	Amount Added: 200.00	Units: mL	
ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

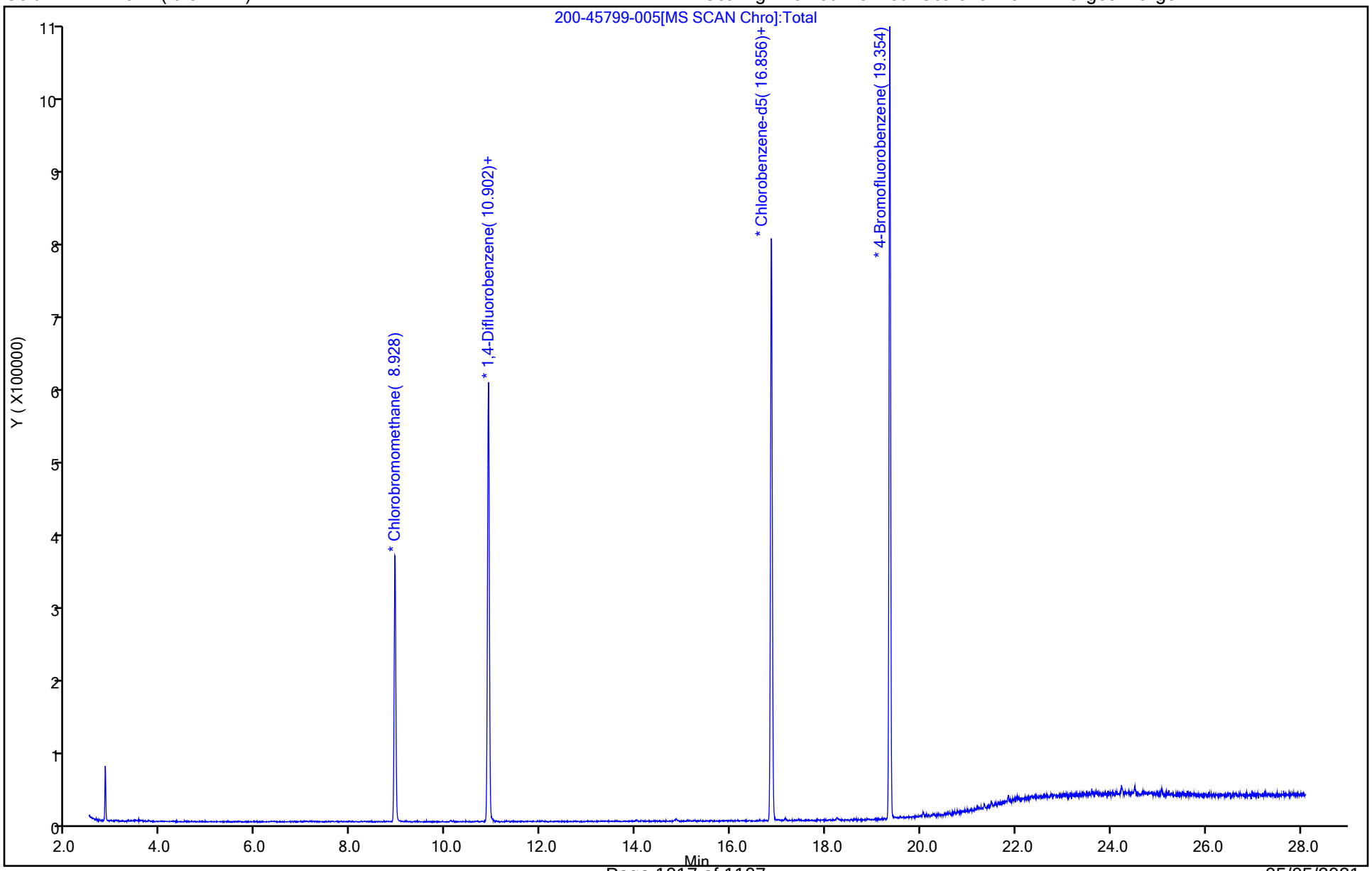
Report Date: 03-May-2021 12:49:13 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-005.D

Injection Date:	03-May-2021 11:08:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	mb			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



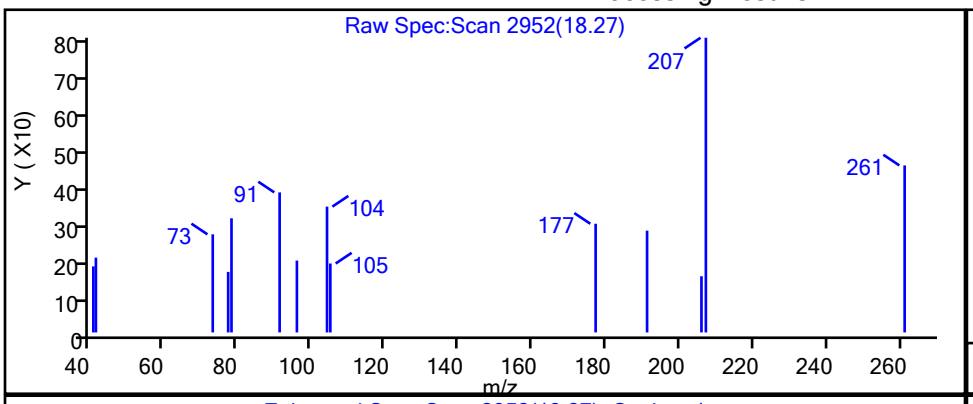
User Disabled Compound Report

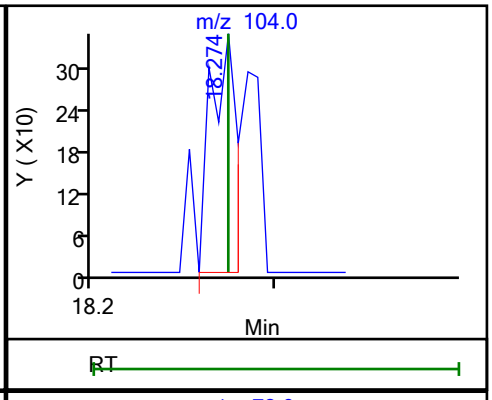
Eurofins TestAmerica, Burlington

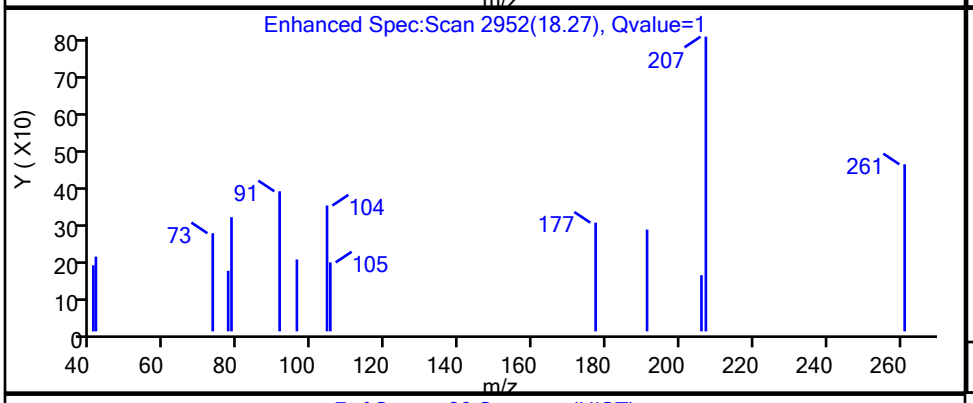
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-005.D				
Injection Date:	03-May-2021 11:08:30	Instrument ID:	CHG.i		
Lims ID:	mb				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

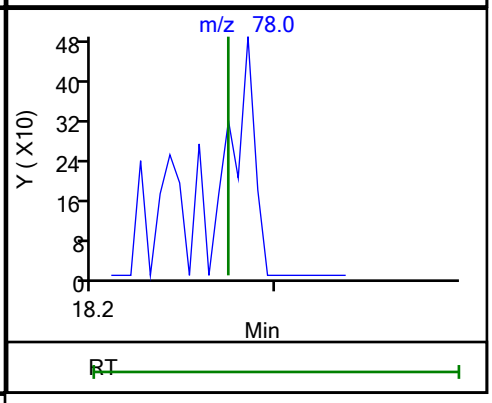
80 Styrene, CAS: 100-42-5

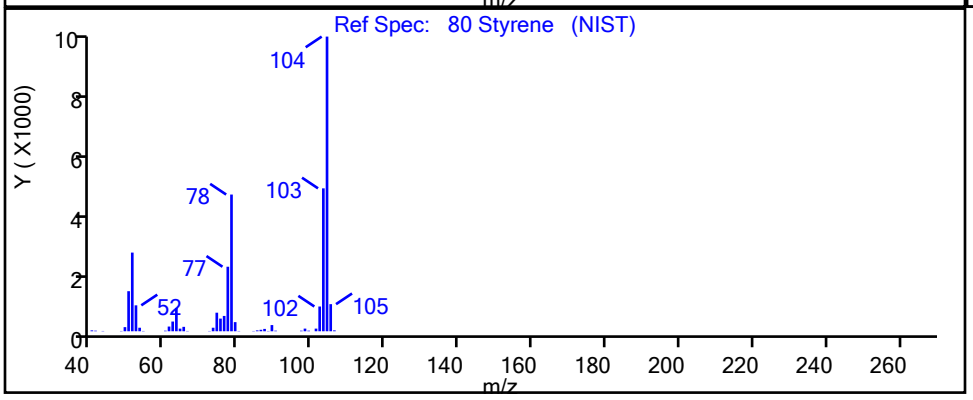
Processing Results











RT	Mass	Response	Amount
18.27	104.00	335	0.010638
18.27	78.00	0	

Reviewer: bourdeaut, 03-May-2021 12:48:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

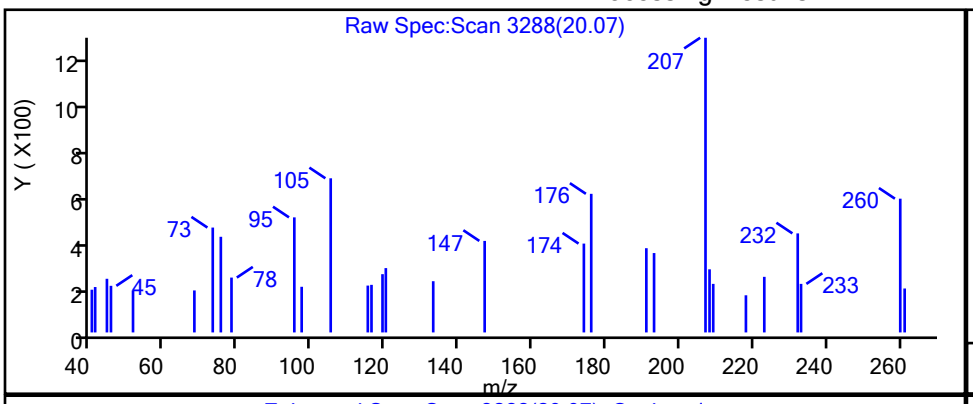
User Disabled Compound Report

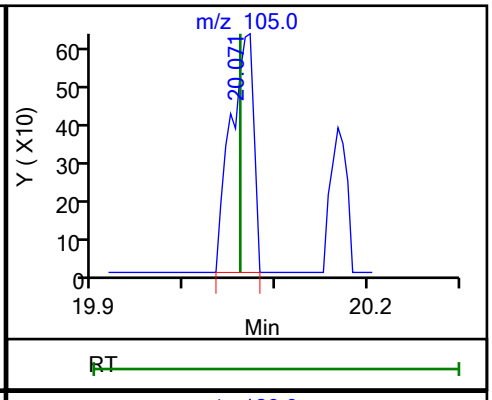
Eurofins TestAmerica, Burlington

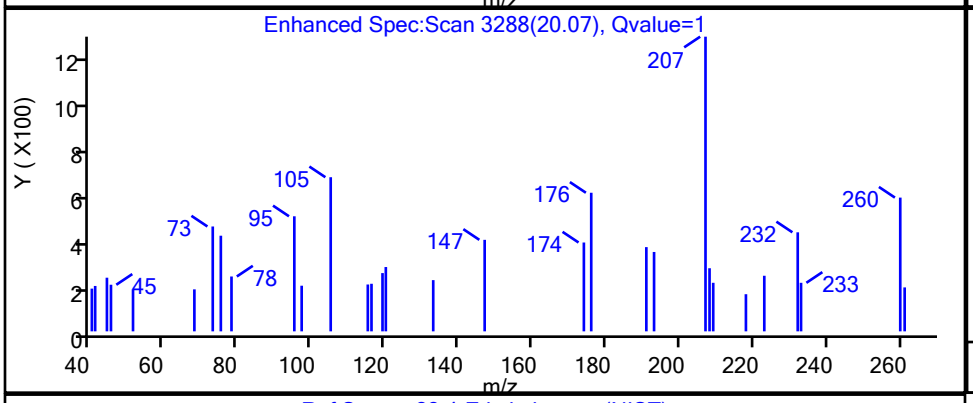
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-005.D				
Injection Date:	03-May-2021 11:08:30	Instrument ID:	CHG.i		
Lims ID:	mb				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

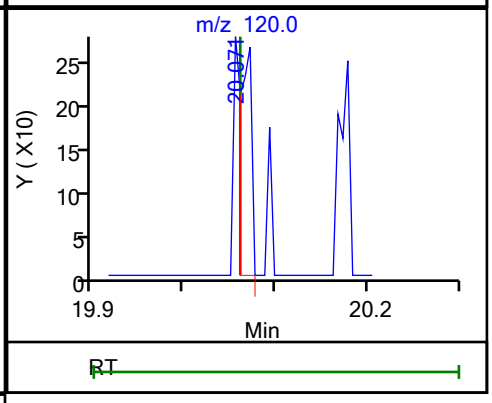
88 4-Ethyltoluene, CAS: 622-96-8

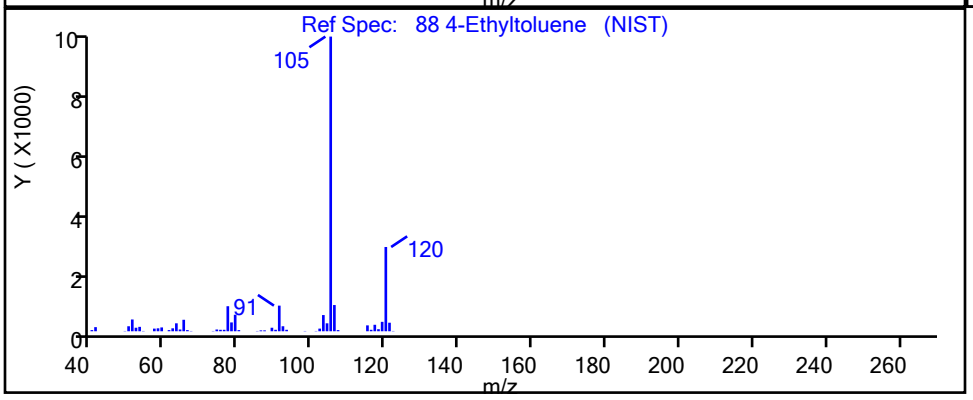
Processing Results











RT	Mass	Response	Amount
20.07	105.00	1105	0.017521
20.07	120.00	226	

Reviewer: bourdeaut, 03-May-2021 12:48:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

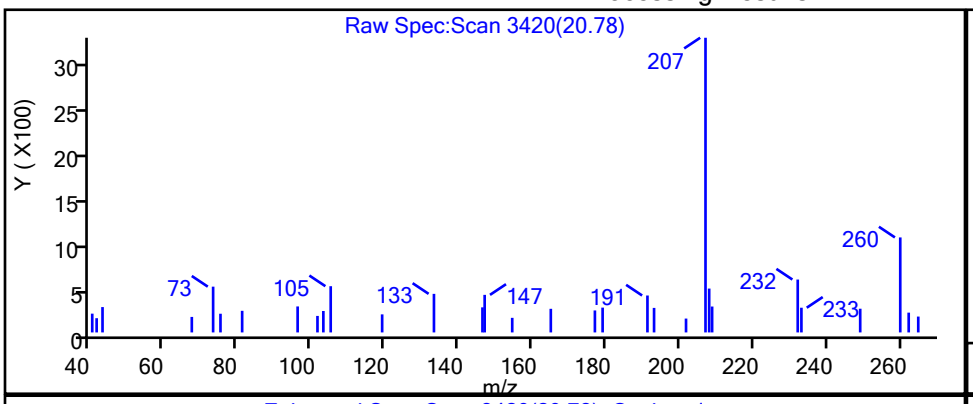
User Disabled Compound Report

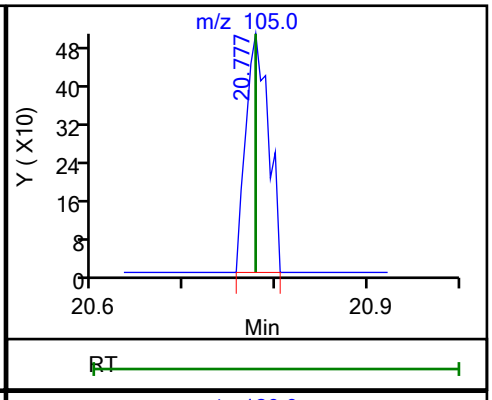
Eurofins TestAmerica, Burlington

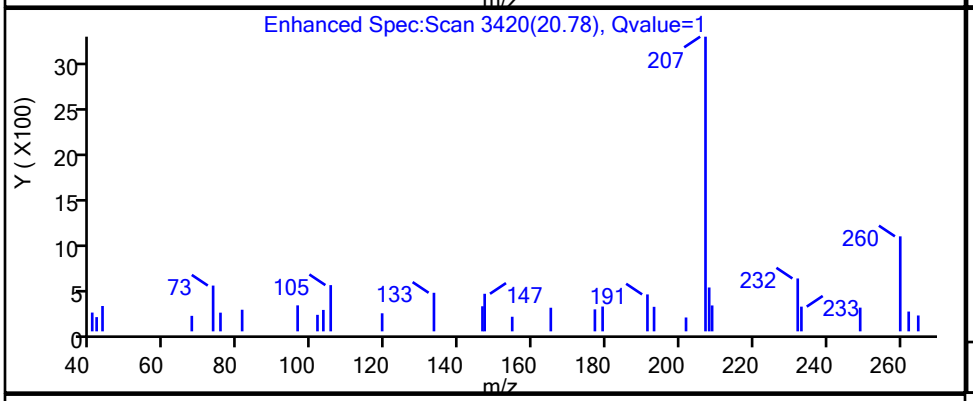
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-005.D				
Injection Date:	03-May-2021 11:08:30	Instrument ID:	CHG.i		
Lims ID:	mb				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

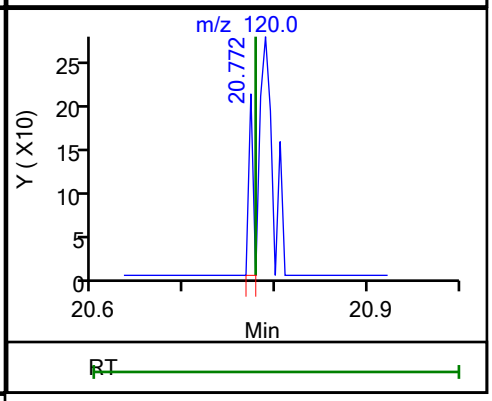
93 1,2,4-Trimethylbenzene, CAS: 95-63-6

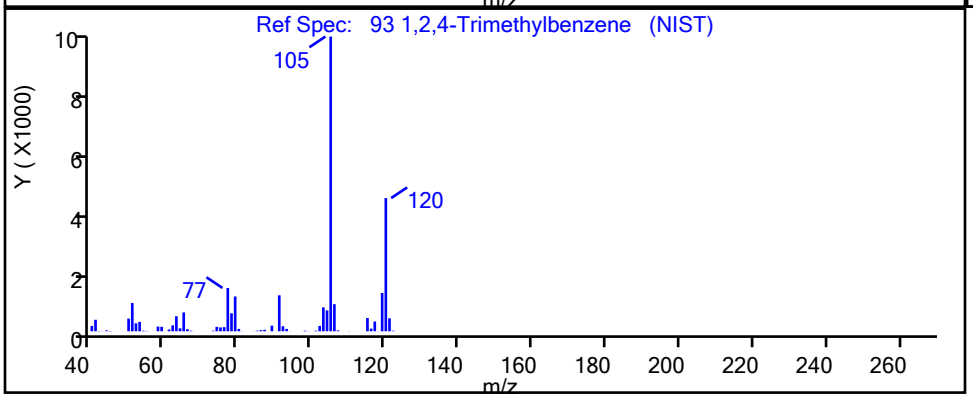
Processing Results











RT	Mass	Response	Amount
20.78	105.00	870	0.015187
20.77	120.00	68	

Reviewer: bourdeaut, 03-May-2021 12:48:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

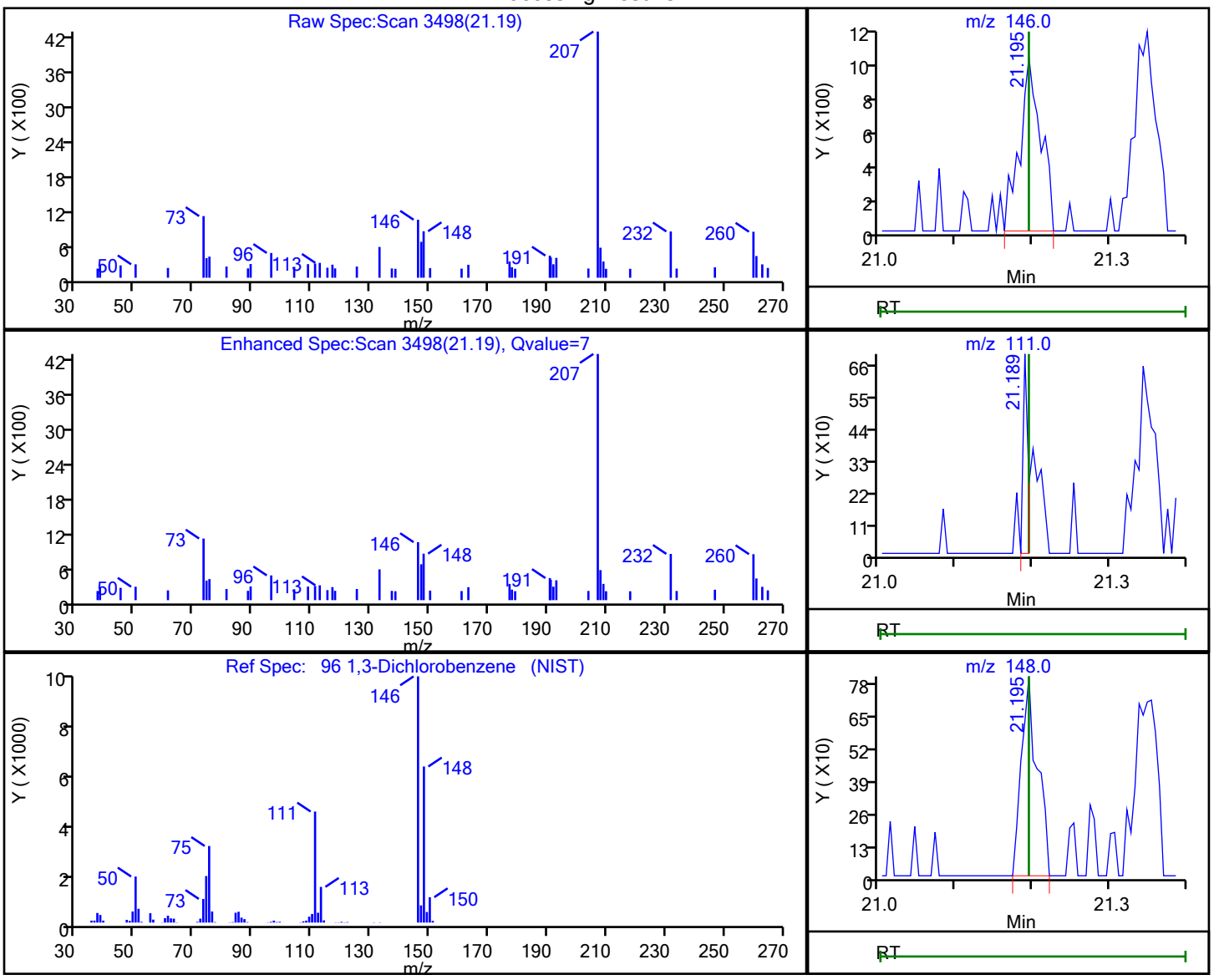
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-005.D				
Injection Date:	03-May-2021 11:08:30	Instrument ID:	CHG.i		
Lims ID:	mb				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
21.19	146.00	1937	0.047176
21.19	111.00	304	
21.19	148.00	1182	

Reviewer: bourdeaut, 03-May-2021 12:47:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

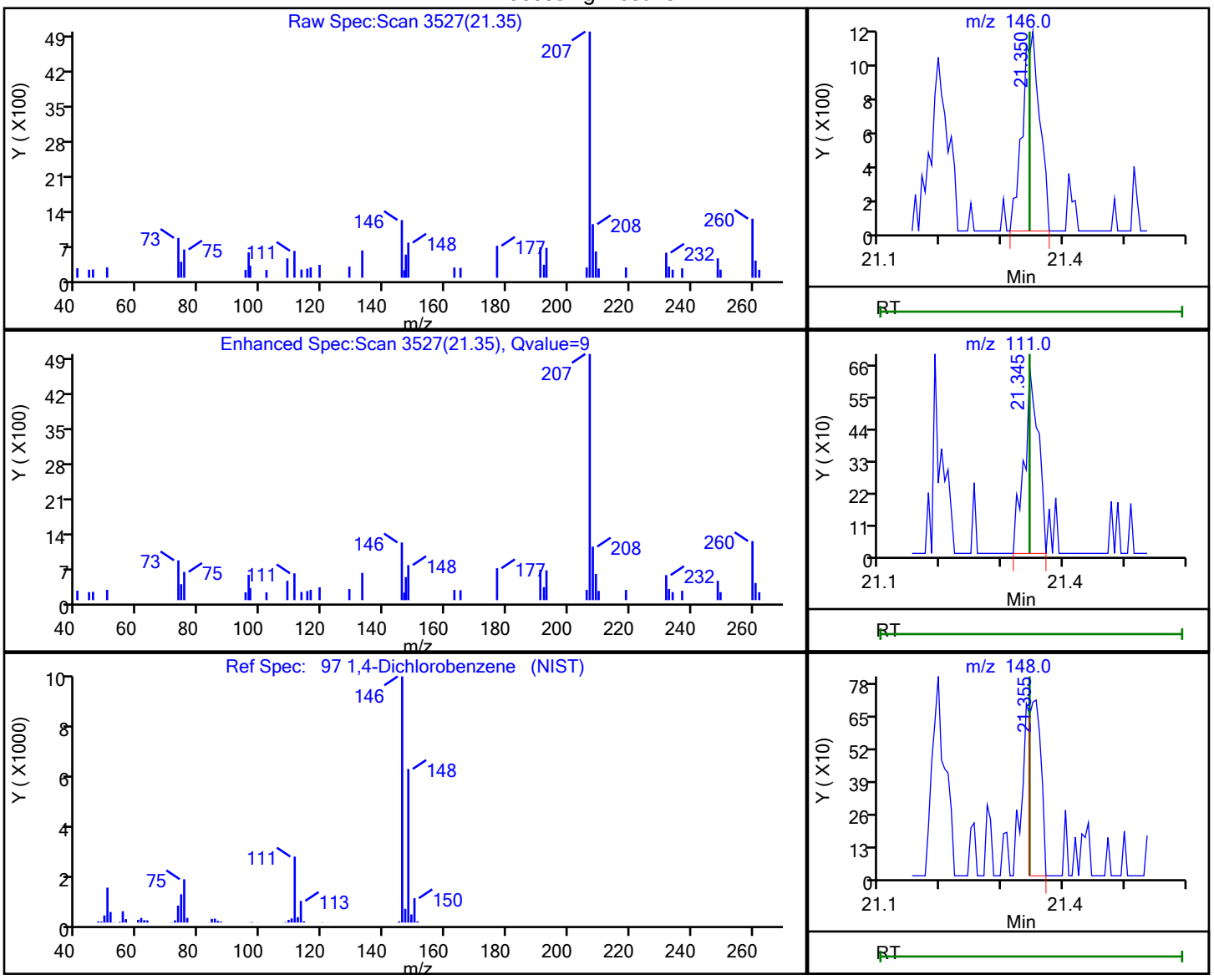
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-005.D				
Injection Date:	03-May-2021 11:08:30	Instrument ID:	CHG.i		
Lims ID:	mb				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

97 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
21.35	146.00	2281	0.056391
21.34	111.00	1049	
21.36	148.00	967	

Reviewer: bourdeaut, 03-May-2021 12:47:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

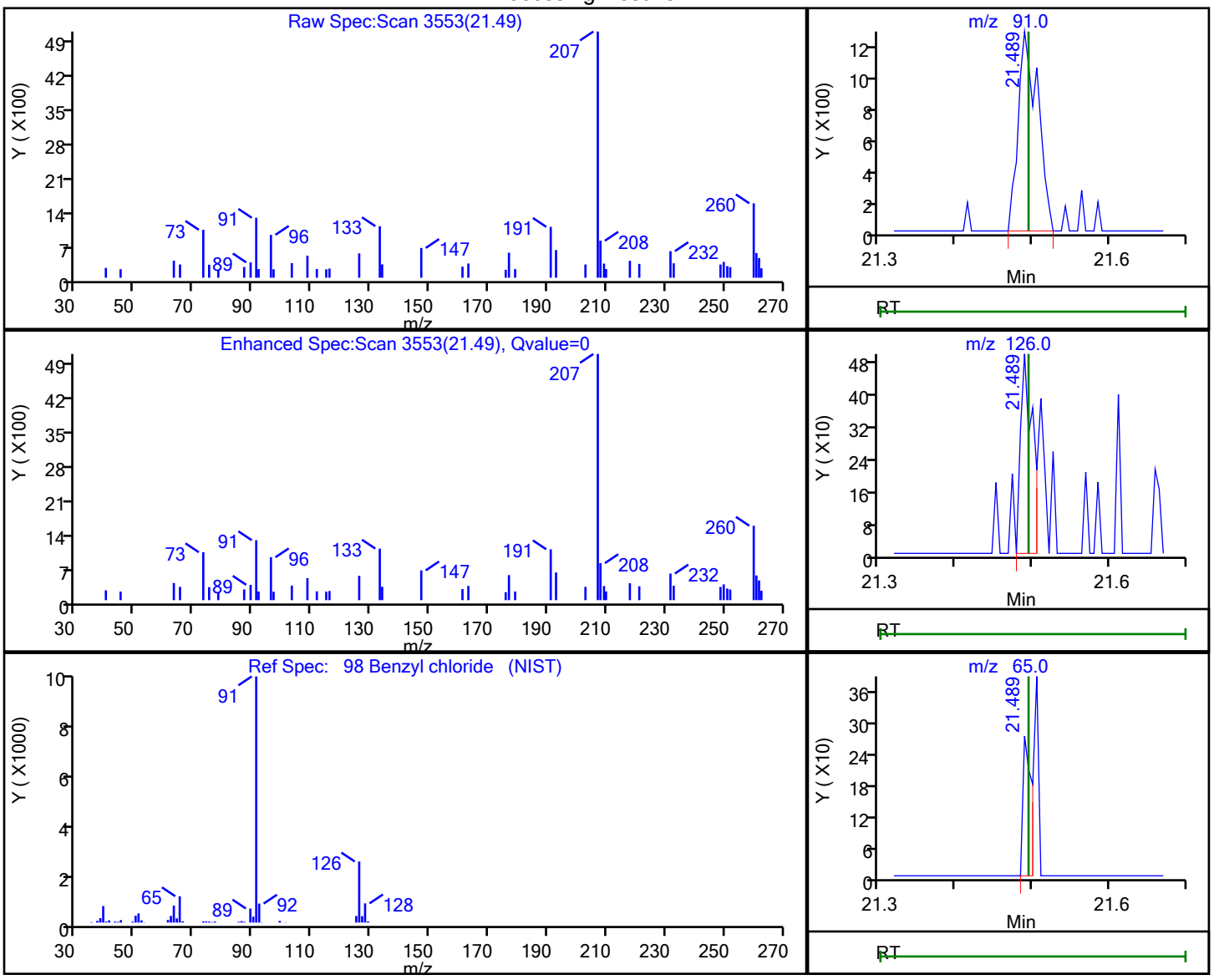
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-005.D				
Injection Date:	03-May-2021 11:08:30	Instrument ID:	CHG.i		
Lims ID:	mb				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

98 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
21.49	91.00	2185	0.043038
21.49	126.00	539	
21.49	65.00	211	

Reviewer: bourdeaut, 03-May-2021 12:48:07

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

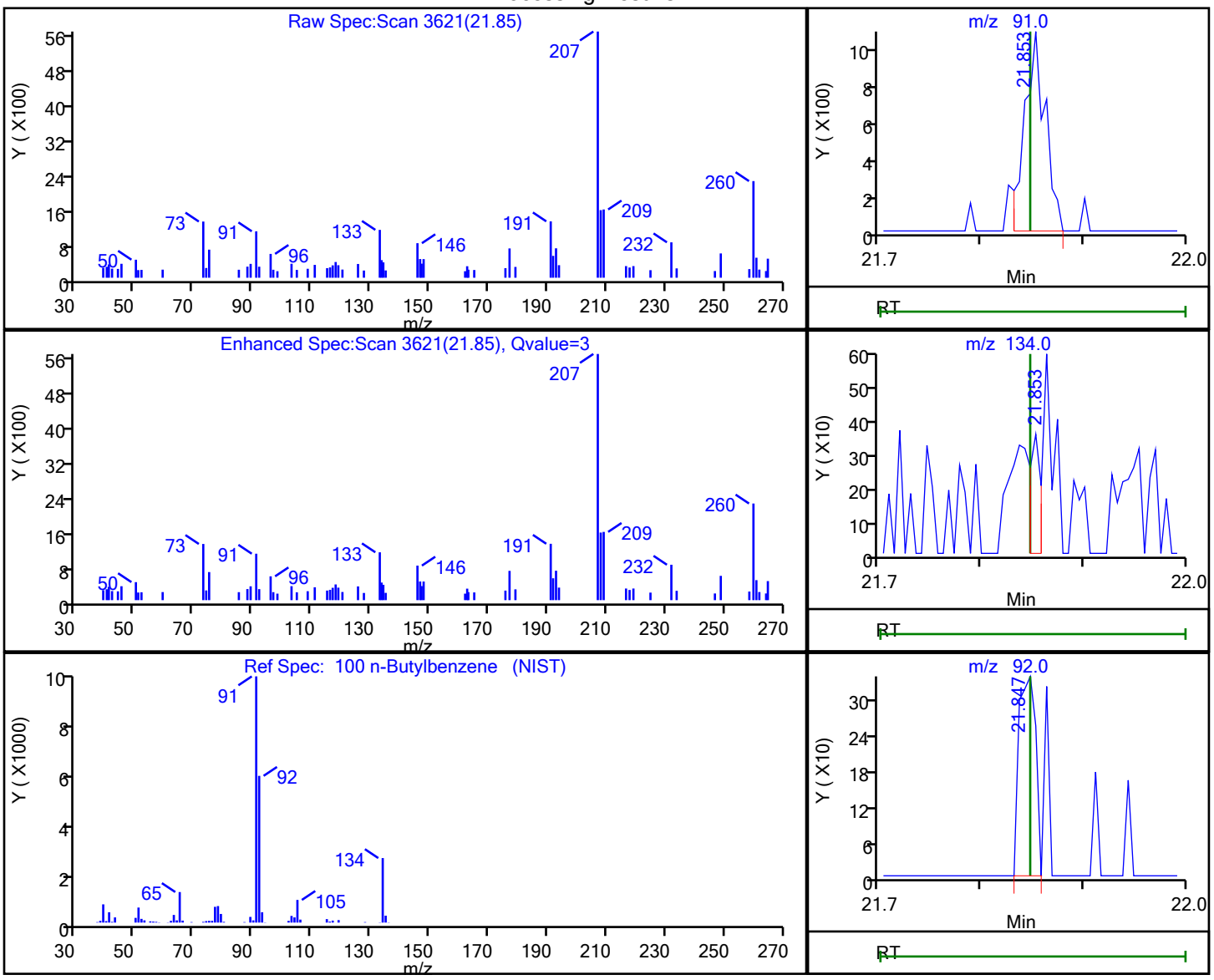
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-005.D				
Injection Date:	03-May-2021 11:08:30	Instrument ID:	CHG.i		
Lims ID:	mb				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

100 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
21.85	91.00	1505	0.023213
21.85	134.00	260	
21.85	92.00	387	

Reviewer: bourdeaut, 03-May-2021 12:48:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

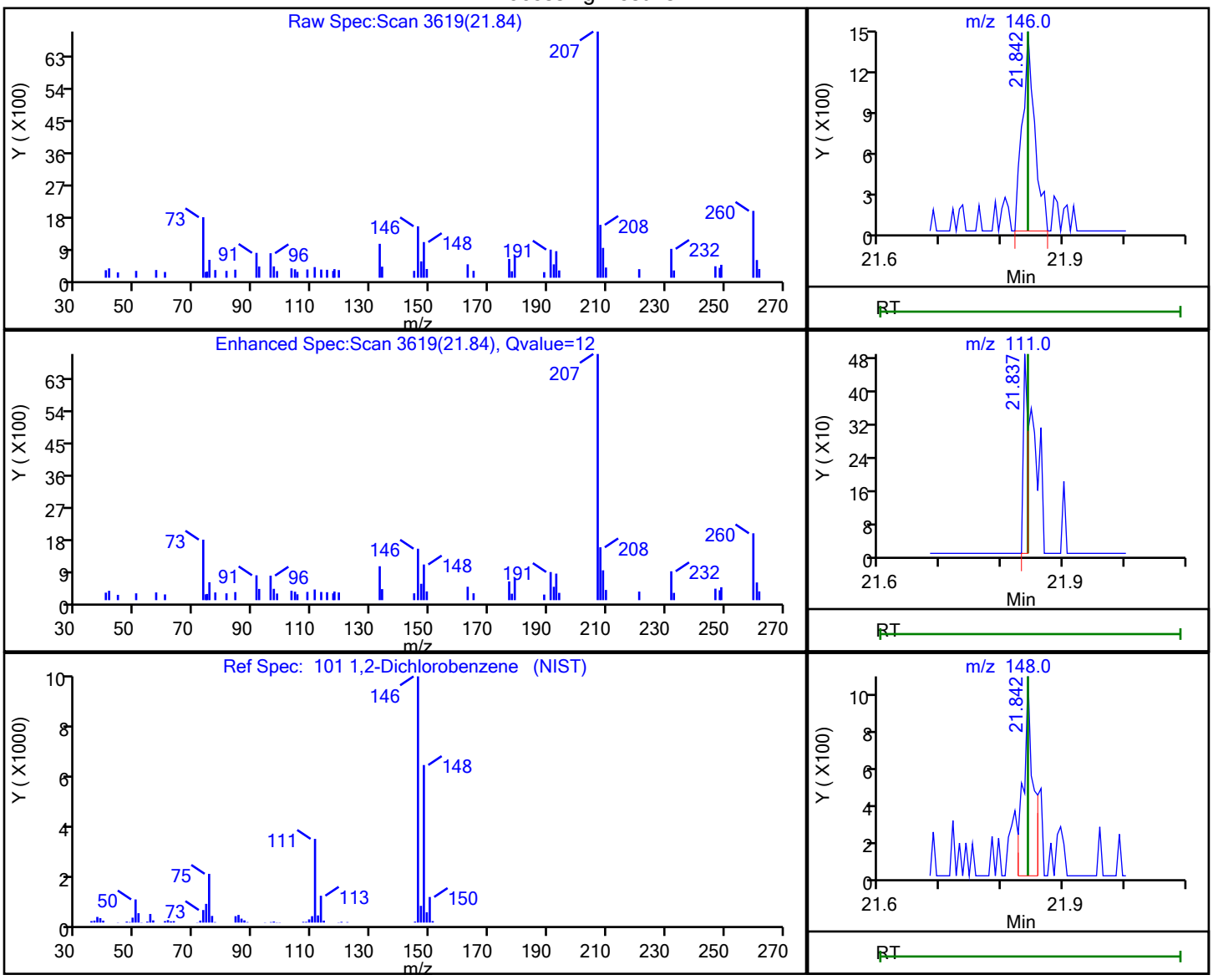
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-005.D				
Injection Date:	03-May-2021 11:08:30	Instrument ID:	CHG.i		
Lims ID:	mb				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

101 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
21.84	146.00	2026	0.048817
21.84	111.00	254	
21.84	148.00	1104	

Reviewer: bourdeaut, 03-May-2021 12:47:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

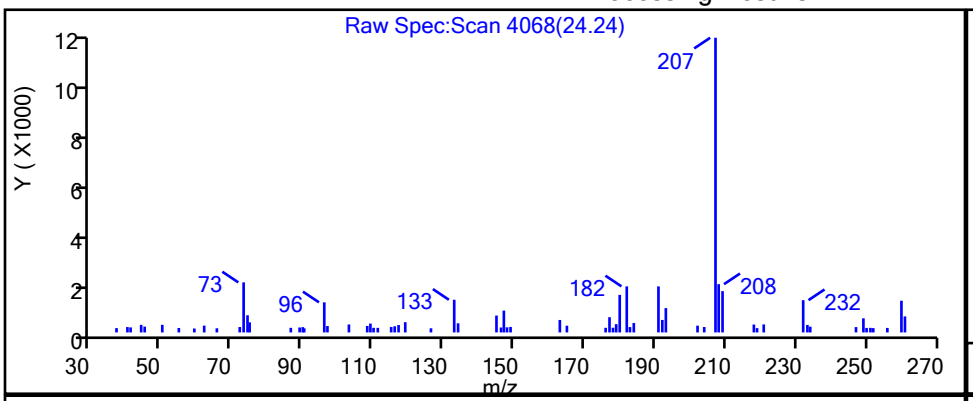
User Disabled Compound Report

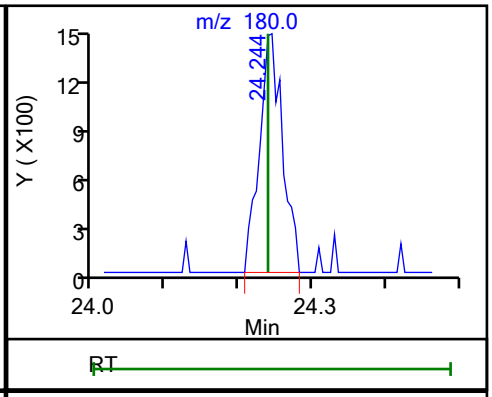
Eurofins TestAmerica, Burlington

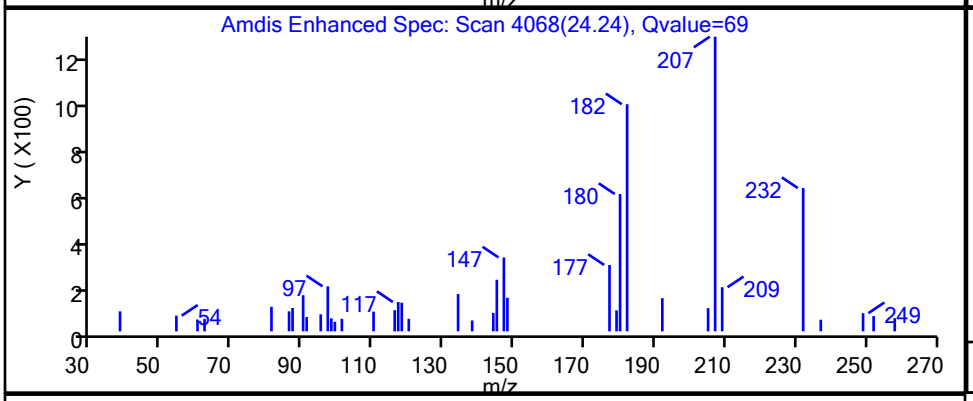
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-005.D				
Injection Date:	03-May-2021 11:08:30	Instrument ID:	CHG.i		
Lims ID:	mb				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

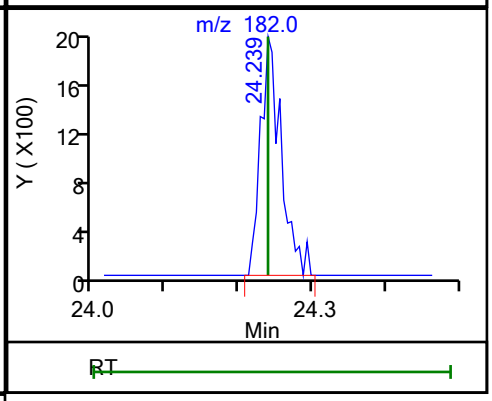
103 1,2,4-Trichlorobenzene, CAS: 120-82-1

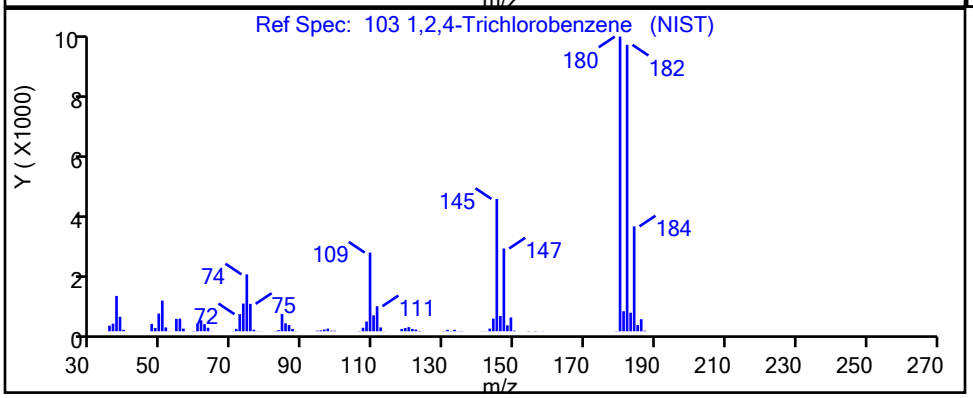
Processing Results











RT	Mass	Response	Amount
24.24	180.00	3169	0.090171
24.24	182.00	3704	

Reviewer: bourdeaut, 03-May-2021 12:47:31

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

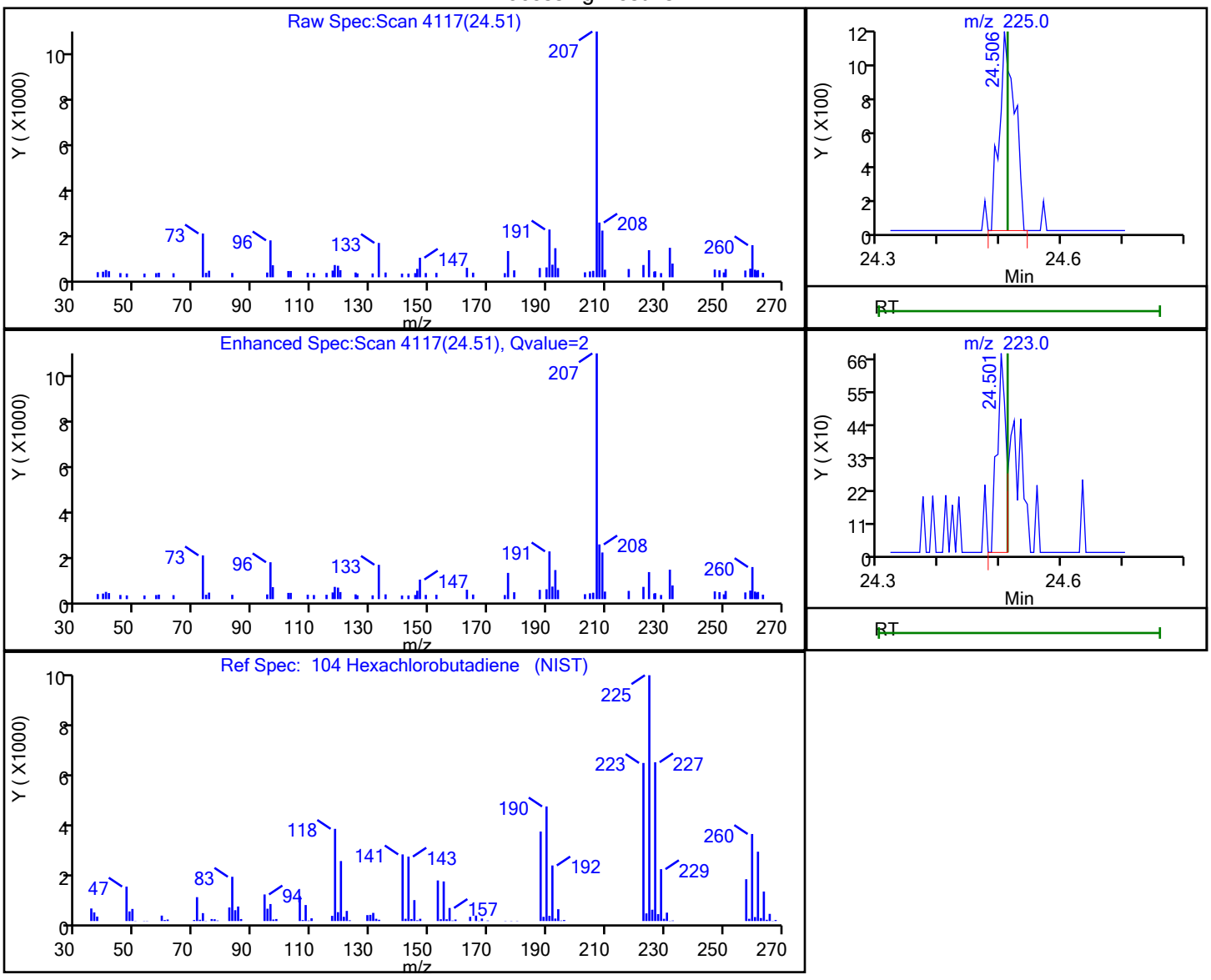
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-005.D				
Injection Date:	03-May-2021 11:08:30	Instrument ID:	CHG.i		
Lims ID:	mb				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

104 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
24.51	225.00	1948	0.043839
24.50	223.00	674	

Reviewer: bourdeaut, 03-May-2021 12:48:07

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-166352/3

Matrix: Air Lab File ID: 45779-03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 09:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	53.0		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	40.2		1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	75.4		1.4	0.38
74-87-3	Chloromethane	50.49	24.1		1.0	0.25
106-97-8	n-Butane	58.12	27.4		1.2	0.45
75-01-4	Vinyl chloride	62.50	28.7		0.20	0.072
106-99-0	1,3-Butadiene	54.09	24.9		0.44	0.084
74-83-9	Bromomethane	94.94	40.4		0.78	0.20
75-00-3	Chloroethane	64.52	28.4		1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	45.3		0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	62.0		1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	83.0		1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	40.6		0.20	0.11
67-64-1	Acetone	58.08	25.7		12	4.8
67-63-0	Isopropyl alcohol	60.10	27.2		12	2.4
75-15-0	Carbon disulfide	76.14	33.1		1.6	0.40
107-05-1	3-Chloropropene	76.53	36.1		1.6	0.34
75-09-2	Methylene Chloride	84.93	38.7		1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	36.5		15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	39.2		0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	44.7		0.79	0.35
110-54-3	n-Hexane	86.17	38.3		0.70	0.81
75-34-3	1,1-Dichloroethane	98.96	43.8		0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	30.7		1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	44.0		0.20	0.13
67-66-3	Chloroform	119.38	51.5		0.98	0.22
109-99-9	Tetrahydrofuran	72.11	32.6		15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	59.7		1.1	0.21
110-82-7	Cyclohexane	84.16	35.4		0.69	0.12
56-23-5	Carbon tetrachloride	153.81	70.1		0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	52.0		0.93	0.16
71-43-2	Benzene	78.11	33.6		0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	46.4		0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-166352/3

Matrix: Air Lab File ID: 45779-03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 09:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	47.0		0.82	0.24
79-01-6	Trichloroethene	131.39	59.9		0.20	0.13
80-62-6	Methyl methacrylate	100.12	44.5		2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	51.4		0.92	0.40
123-91-1	1,4-Dioxane	88.11	43.3		18	6.1
75-27-4	Bromodichloromethane	163.83	77.1		1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	50.2		0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	47.6		2.0	0.78
108-88-3	Toluene	92.14	39.3		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	49.3		0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	61.0		1.1	0.19
127-18-4	Tetrachloroethene	165.83	70.6		1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	49.3		2.0	0.82
124-48-1	Dibromochloromethane	208.28	88.7		1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	87.9		1.5	0.35
108-90-7	Chlorobenzene	112.56	50.0		0.92	0.20
100-41-4	Ethylbenzene	106.17	47.5		0.87	0.43
179601-23-1	m,p-Xylene	106.17	94.4		2.2	0.74
95-47-6	o-Xylene	106.17	48.0		0.87	0.41
100-42-5	Styrene	104.15	49.2		0.85	0.14
75-25-2	Bromoform	252.75	119		2.1	0.60
98-82-8	Cumene	120.19	55.2		0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	79.5		1.4	0.30
103-65-1	n-Propylbenzene	120.19	56.7		0.98	0.23
622-96-8	4-Ethyltoluene	120.20	56.6		0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	55.8		0.98	0.22
95-49-8	2-Chlorotoluene	126.59	59.7		1.0	0.25
98-06-6	tert-Butylbenzene	134.22	60.9		1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	56.8		0.98	0.23
135-98-8	sec-Butylbenzene	134.22	63.1		1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	61.9		1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	70.6		1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	70.3		1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-166352/3

Matrix: Air Lab File ID: 45779-03.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/30/2021 09:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166352 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	63.9		1.0	0.38
104-51-8	n-Butylbenzene	134.22	65.8		1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	70.3		1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	95.6		3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	116		2.1	0.33
91-20-3	Naphthalene	128.17	63.7		2.6	0.89

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-03.D
Lims ID: lcs
Client ID:
Sample Type: LCS
Inject. Date: 30-Apr-2021 09:13:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045779-003
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 03-May-2021 10:20:46 Calib Date: 09-Apr-2021 11:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210408-45522.b\45522-23.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: bunmaa Date: 03-May-2021 10:21:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.327	4.333	-0.006	97	91649	10.1	11.3	
2 Dichlorodifluoromethane	85	4.423	4.429	-0.006	99	241021	10.6	10.7	
3 Chlorodifluoromethane	51	4.466	4.472	-0.006	97	155412	10.6	11.4	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.782	4.787	-0.005	93	283895	10.6	10.8	
5 Chloromethane	50	4.910	4.910	0.000	99	93423	9.94	11.7	
6 Butane	43	5.221	5.226	-0.006	98	131181	10.3	11.5	
7 Vinyl chloride	62	5.221	5.226	-0.006	79	93820	9.99	11.2	
8 Butadiene	54	5.333	5.338	-0.005	96	68627	9.70	11.3	
9 BFB									
10 Bromomethane	94	6.050	6.055	-0.005	99	88146	10.4	10.4	
11 Chloroethane	64	6.317	6.323	-0.006	99	46610	10.6	10.8	
12 2-Methylbutane	43	6.520	6.526	-0.006	92	93537	10.4	10.9	
13 Vinyl bromide	106	6.740	6.740	0.000	99	84451	10.0	10.4	
14 Trichlorofluoromethane	101	6.895	6.900	-0.005	98	201797	10.4	11.0	
16 Pentane	43	7.098	7.104	-0.006	98	126636	10.2	10.9	
17 Ethanol	45	7.232	7.232	0.000	98	69530	14.7	16.2	
18 Ethyl ether	59	7.494	7.500	-0.006	94	51684	10.2	10.6	
19 Acrolein	56	7.751	7.756	-0.005	96	27012	9.71	10.2	
21 1,1-Dichloroethene	96	7.954	7.960	-0.006	97	77661	10.2	10.2	
20 112TCTFE	101	7.986	7.992	-0.006	97	162302	10.7	10.8	
22 Acetone	43	8.013	8.013	0.000	97	108832	10.4	10.8	
24 Isopropyl alcohol	45	8.286	8.286	0.000	100	127210	10.2	11.0	
23 Carbon disulfide	76	8.377	8.377	0.000	99	212712	10.4	10.6	
26 Acetonitrile	41	8.527	8.527	0.000	99	45006	9.72	11.2	
25 3-Chloro-1-propene	41	8.655	8.655	0.000	96	81415	10.7	11.5	
27 Methylene Chloride	49	8.885	8.891	-0.006	89	71859	10.2	11.1	
28 2-Methyl-2-propanol	59	9.051	9.046	0.005	93	149824	10.8	12.0	
32 Acrylonitrile	53	9.281	9.281	0.000	95	45167	10.2	10.8	
29 Methyl tert-butyl ether	73	9.367	9.367	0.000	96	209505	10.6	10.9	
31 trans-1,2-Dichloroethene	61	9.388	9.388	0.000	98	101653	10.3	11.3	
S 30 1,2-Dichloroethene, Total	61				0		20.0	22.4	
33 Hexane	57	9.885	9.880	0.005	92	104737	10.5	10.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 Vinyl acetate	43	10.148	10.142	0.006	100	160039	10.1	11.5	
34 1,1-Dichloroethane	63	10.153	10.153	0.000	99	123802	10.3	10.8	
38 2-Butanone (MEK)	72	11.100	11.095	0.005	99	36563	10.4	10.4	
37 cis-1,2-Dichloroethene	96	11.143	11.143	0.000	93	78314	10.4	11.1	
39 Ethyl acetate	88	11.180	11.175	0.005	98	6574	10.2	9.86	
* 40 Chlorobromomethane	128	11.565	11.565	0.000	80	60067	10.0	10.0	
41 Tetrahydrofuran	42	11.581	11.581	0.000	88	69127	9.81	11.0	
42 Chloroform	83	11.736	11.737	-0.001	95	152241	10.3	10.5	
44 1,1,1-Trichloroethane	97	12.041	12.036	0.005	95	161955	10.3	10.9	
43 Cyclohexane	84	12.180	12.181	-0.001	98	98609	10.2	10.3	
45 Carbon tetrachloride	117	12.320	12.314	0.006	98	171019	10.0	11.1	
47 Benzene	78	12.662	12.662	0.000	95	231724	10.4	10.5	
48 1,2-Dichloroethane	62	12.748	12.748	0.000	98	97171	10.5	11.5	
46 Isooctane	57	12.865	12.865	0.000	98	348501	10.1	11.1	
49 n-Heptane	43	13.176	13.170	0.006	90	118158	10.3	11.5	
* 50 1,4-Difluorobenzene	114	13.400	13.400	0.000	93	296244	10.0	10.0	
52 n-Butanol	56	13.582	13.582	0.000	87	50796	9.11	10.9	
53 Trichloroethene	95	13.834	13.828	0.006	98	105221	10.3	11.1	
A 51 GRO	1	14.192	(6.516-21.868)		0	30954623	649.9	0	
54 1,2-Dichloropropane	63	14.299	14.294	0.005	91	80968	10.3	11.1	
55 Methyl methacrylate	69	14.358	14.358	0.000	98	77859	10.2	10.9	
56 1,4-Dioxane	88	14.401	14.401	0.000	91	53213	10.3	12.0	
57 Dibromomethane	174	14.459	14.454	0.005	92	113644	10.3	10.3	
58 Dichlorobromomethane	83	14.764	14.759	0.005	98	164178	10.3	11.5	
60 cis-1,3-Dichloropropene	75	15.561	15.556	0.005	91	139639	9.94	11.1	
A 59 TVOC as Toluene	92	15.564	(4.323-26.806)		0	45142510	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	15.792	15.792	0.000	95	152088	10.2	11.6	
65 Toluene	92	16.198	16.193	0.005	93	168565	10.2	10.4	
64 n-Octane	43	16.428	16.423	0.005	90	162503	10.3	11.8	
66 trans-1,3-Dichloropropene	75	16.615	16.610	0.005	96	118670	9.85	10.9	
67 1,1,2-Trichloroethane	83	16.995	16.990	0.005	96	80967	10.5	11.2	
68 Tetrachloroethene	166	17.182	17.183	-0.001	97	158888	10.5	10.4	
69 2-Hexanone	43	17.370	17.370	0.000	96	135626	10.1	12.0	
71 Chlorodibromomethane	129	17.739	17.734	0.005	98	171834	10.6	10.4	
72 Ethylene Dibromide	107	17.980	17.980	0.000	99	139857	10.7	11.4	
* 74 Chlorobenzene-d5	117	18.878	18.878	0.000	84	236961	10.0	10.0	
75 Chlorobenzene	112	18.937	18.937	0.000	96	219886	10.5	10.9	
76 Ethylbenzene	91	19.119	19.119	0.000	98	348120	10.2	10.9	
78 m-Xylene & p-Xylene	106	19.381	19.381	0.000	0	276250	20.0	21.7	
77 n-Nonane	57	19.429	19.430	-0.001	87	153426	10.5	11.8	
S 73 Xylenes, Total	106				0		30.0	32.8	
79 o-Xylene	106	20.157	20.152	0.005	99	128307	10.4	11.1	
80 Styrene	104	20.194	20.195	0.000	97	191949	10.3	11.6	
81 Bromoform	173	20.553	20.548	0.005	99	150873	10.3	11.5	
82 Isopropylbenzene	105	20.842	20.836	0.006	95	372195	10.5	11.2	
84 1,1,2,2-Tetrachloroethane	83	21.361	21.355	0.006	99	182259	10.3	11.6	
86 1,2,3-Trichloropropane	75	21.462	21.457	0.005	98	137116	10.6	11.8	
85 N-Propylbenzene	91	21.548	21.548	0.000	100	394748	10.4	11.5	
89 2-Chlorotoluene	91	21.698	21.698	0.000	96	253707	10.4	11.5	
88 4-Ethyltoluene	105	21.746	21.741	0.005	98	327668	10.2	11.5	
90 1,3,5-Trimethylbenzene	105	21.837	21.837	0.000	93	295509	10.5	11.3	
87 n-Decane	57	21.858	21.858	0.000	92	180554	10.3	12.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
91 Alpha Methyl Styrene	118	22.163	22.163	0.000	90	125763	10.2	11.6	
92 tert-Butylbenzene	119	22.313	22.313	0.000	95	374559	10.4	11.1	
93 1,2,4-Trimethylbenzene	105	22.404	22.399	0.005	97	271028	10.4	11.6	
94 sec-Butylbenzene	105	22.639	22.634	0.005	99	463483	10.5	11.5	
96 1,3-Dichlorobenzene	146	22.816	22.816	0.000	96	166536	10.2	11.7	
95 4-Isopropyltoluene	119	22.848	22.848	0.000	98	352016	10.5	11.3	
97 1,4-Dichlorobenzene	146	22.960	22.955	0.005	97	149811	10.4	11.7	
98 Benzyl chloride	91	23.099	23.099	0.000	99	154688	10.2	12.3	
100 n-Butylbenzene	91	23.404	23.404	0.000	98	257172	10.5	12.0	
101 1,2-Dichlorobenzene	146	23.447	23.447	0.000	98	157472	10.8	11.7	
99 Undecane	57	23.543	23.543	0.000	94	189160	10.7	12.6	
102 Dodecane	57	25.132	25.132	0.000	98	162238	10.6	10.7	
103 1,2,4-Trichlorobenzene	180	25.902	25.903	-0.001	94	77426	11.0	12.9	
104 Hexachlorobutadiene	225	26.133	26.138	-0.006	96	226614	10.8	10.9	
105 Naphthalene	128	26.384	26.384	0.000	99	139710	10.5	12.2	
106 1,2,3-Trichlorobenzene	180	26.796	26.796	0.000	96	71561	10.9	10.6	

QC Flag Legend

Processing Flags

Reagents:

ATTO15LCSW_00824	Amount Added: 200.00	Units: mL	
ATTO15XISs_00002	Amount Added: 20.00	Units: mL	Run Reagent

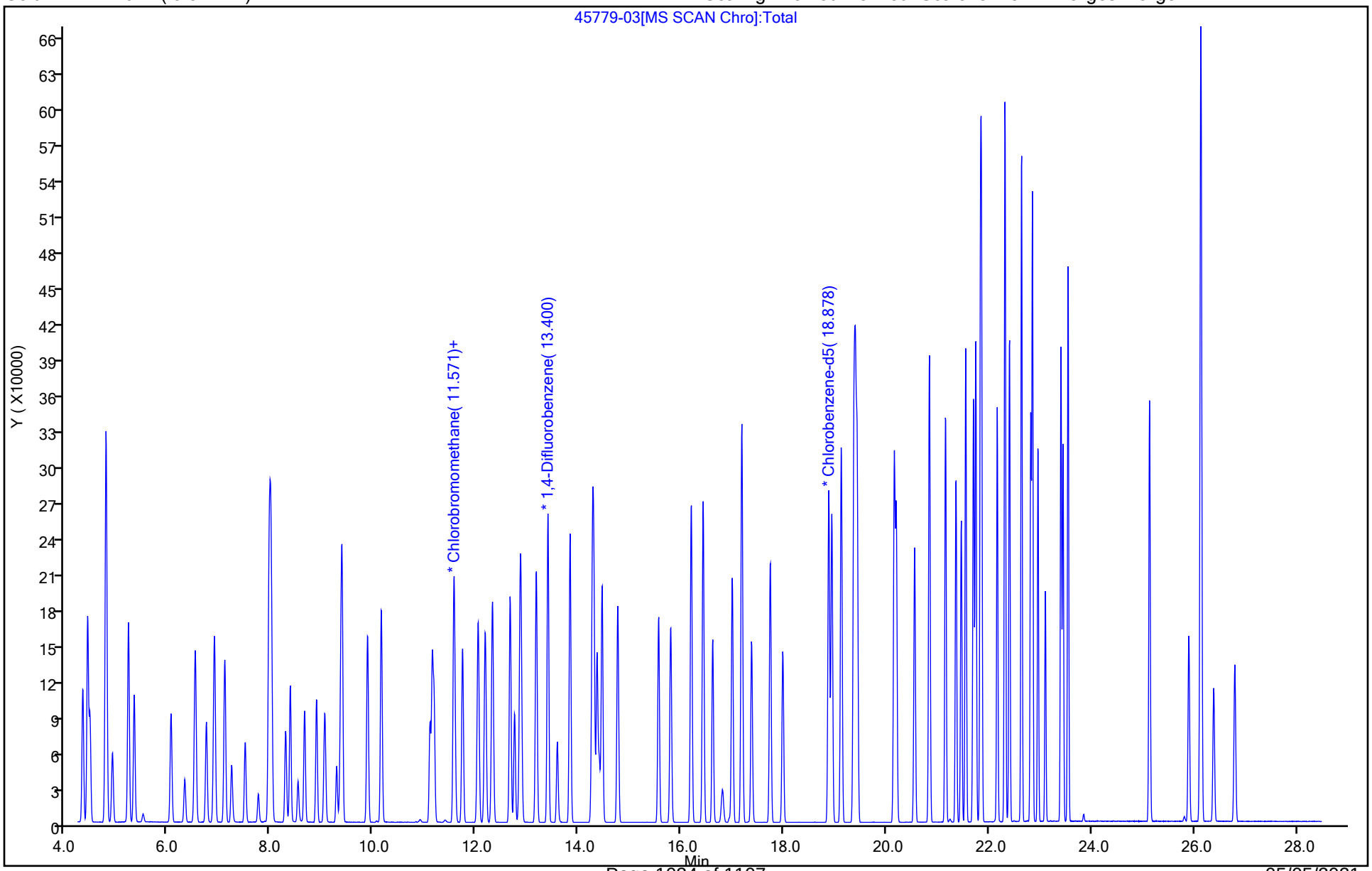
Report Date: 03-May-2021 10:21:25 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210430-45779.b\45779-03.D

Injection Date:	30-Apr-2021 09:13:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	lcs			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-166409/3

Matrix: Air Lab File ID: 200-45799-003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/03/2021 09:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	52.4		2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	37.1		1.8	0.39
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	70.2		1.4	0.38
74-87-3	Chloromethane	50.49	22.1		1.0	0.25
106-97-8	n-Butane	58.12	24.6		1.2	0.45
75-01-4	Vinyl chloride	62.50	24.3		0.20	0.072
106-99-0	1,3-Butadiene	54.09	21.5		0.44	0.084
74-83-9	Bromomethane	94.94	38.1		0.78	0.20
75-00-3	Chloroethane	64.52	27.8		1.3	0.66
593-60-2	Bromoethene(Vinyl Bromide)	106.96	44.0		0.87	0.37
75-69-4	Trichlorofluoromethane	137.37	58.4		1.1	0.29
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	76.1		1.5	0.42
75-35-4	1,1-Dichloroethene	96.94	37.8		0.20	0.11
67-64-1	Acetone	58.08	25.0		12	4.8
67-63-0	Isopropyl alcohol	60.10	23.2		12	2.4
75-15-0	Carbon disulfide	76.14	31.2		1.6	0.40
107-05-1	3-Chloropropene	76.53	33.4		1.6	0.34
75-09-2	Methylene Chloride	84.93	33.9		1.7	0.59
75-65-0	tert-Butyl alcohol	74.12	31.3		15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	36.2		0.72	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	37.4		0.79	0.35
110-54-3	n-Hexane	86.17	32.9		0.70	0.81
75-34-3	1,1-Dichloroethane	98.96	39.1		0.81	0.12
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	27.1		1.5	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	39.1		0.20	0.13
67-66-3	Chloroform	119.38	47.0		0.98	0.22
109-99-9	Tetrahydrofuran	72.11	27.3		15	3.5
71-55-6	1,1,1-Trichloroethane	133.41	48.3		1.1	0.21
110-82-7	Cyclohexane	84.16	29.7		0.69	0.12
56-23-5	Carbon tetrachloride	153.81	58.5		0.22	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	41.3		0.93	0.16
71-43-2	Benzene	78.11	26.6		0.64	0.24
107-06-2	1,2-Dichloroethane	98.96	36.8		0.81	0.61

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-166409/3

Matrix: Air Lab File ID: 200-45799-003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/03/2021 09:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
142-82-5	n-Heptane	100.21	36.8		0.82	0.24
79-01-6	Trichloroethene	131.39	50.0		0.20	0.13
80-62-6	Methyl methacrylate	100.12	36.6		2.0	0.66
78-87-5	1,2-Dichloropropane	112.99	39.5		0.92	0.40
123-91-1	1,4-Dioxane	88.11	32.9		18	6.1
75-27-4	Bromodichloromethane	163.83	65.8		1.3	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	42.4		0.91	0.091
108-10-1	4-Methyl-2-pentanone (Methyl isobutyl ketone)	100.16	36.0		2.0	0.78
108-88-3	Toluene	92.14	32.7		0.75	0.35
10061-02-6	trans-1,3-Dichloropropene	110.97	40.9		0.91	0.40
79-00-5	1,1,2-Trichloroethane	133.41	50.3		1.1	0.19
127-18-4	Tetrachloroethene	165.83	63.5		1.4	0.18
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	35.4		2.0	0.82
124-48-1	Dibromochloromethane	208.28	80.4		1.7	0.26
106-93-4	1,2-Dibromoethane	187.87	75.8		1.5	0.35
108-90-7	Chlorobenzene	112.56	43.7		0.92	0.20
100-41-4	Ethylbenzene	106.17	37.8		0.87	0.43
179601-23-1	m,p-Xylene	106.17	81.3		2.2	0.74
95-47-6	o-Xylene	106.17	37.5		0.87	0.41
100-42-5	Styrene	104.15	41.4		0.85	0.14
75-25-2	Bromoform	252.75	107		2.1	0.60
98-82-8	Cumene	120.19	45.4		0.98	0.18
79-34-5	1,1,2,2-Tetrachloroethane	167.85	62.9		1.4	0.30
103-65-1	n-Propylbenzene	120.19	46.3		0.98	0.23
622-96-8	4-Ethyltoluene	120.20	45.7		0.98	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	45.0		0.98	0.22
95-49-8	2-Chlorotoluene	126.59	47.8		1.0	0.25
98-06-6	tert-Butylbenzene	134.22	50.9		1.1	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	44.8		0.98	0.23
135-98-8	sec-Butylbenzene	134.22	50.4		1.1	0.21
99-87-6	4-Isopropyltoluene	134.22	49.4		1.1	0.21
541-73-1	1,3-Dichlorobenzene	147.00	56.8		1.2	0.54
106-46-7	1,4-Dichlorobenzene	147.00	58.3		1.2	0.57

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-166409/3

Matrix: Air Lab File ID: 200-45799-003.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/03/2021 09:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 166409 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
100-44-7	Benzyl chloride	126.58	53.7		1.0	0.38
104-51-8	n-Butylbenzene	134.22	50.6		1.1	0.30
95-50-1	1,2-Dichlorobenzene	147.00	55.5		1.2	0.42
120-82-1	1,2,4-Trichlorobenzene	181.45	73.4		3.7	1.4
87-68-3	Hexachlorobutadiene	260.76	88.8		2.1	0.33
91-20-3	Naphthalene	128.17	48.5		2.6	0.89

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-003.D
Lims ID: lcs
Client ID:
Sample Type: LCS
Inject. Date: 03-May-2021 09:21:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045799-003
Operator ID: ggg Instrument ID: CHG.i

Method: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 03-May-2021 12:50:24 Calib Date: 30-Apr-2021 01:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20210429-45776.b\200-45776-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1628

First Level Reviewer: bourdeaut Date: 03-May-2021 12:50:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.038	3.038	0.000	96	51564	10.3	9.92	
2 Dichlorodifluoromethane	85	3.091	3.091	0.000	99	294647	10.4	10.6	
3 Chlorodifluoromethane	51	3.107	3.107	0.000	96	138214	10.5	10.5	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.300	3.300	0.000	95	260266	10.4	10.0	
5 Chloromethane	50	3.370	3.370	0.000	98	65157	10.9	10.7	
7 Vinyl chloride	62	3.557	3.557	0.000	98	71785	10.4	9.52	
6 Butane	43	3.568	3.568	0.000	95	92661	10.4	10.3	
8 Butadiene	54	3.632	3.632	0.000	95	50250	10.1	9.71	
10 Bromomethane	94	4.092	4.092	0.000	97	87986	10.3	9.82	
9 BFB									
11 Chloroethane	64	4.274	4.274	0.000	96	29811	10.4	10.5	
12 2-Methylbutane	43	4.445	4.445	0.000	91	68570	10.4	8.86	
13 Vinyl bromide	106	4.584	4.584	0.000	96	89947	10.4	10.1	
14 Trichlorofluoromethane	101	4.712	4.712	0.000	99	294988	10.6	10.4	
16 Pentane	43	4.884	4.884	0.000	94	111499	10.1	9.86	
17 Ethanol	45	4.926	4.926	0.000	93	52869	15.0	15.4	
18 Ethyl ether	59	5.194	5.194	0.000	93	33182	10.1	9.73	
19 Acrolein	56	5.354	5.354	0.000	94	7527	9.72	8.51	
21 1,1-Dichloroethene	96	5.563	5.563	0.000	98	81665	10.3	9.53	
22 Acetone	43	5.579	5.579	0.000	100	89090	10.2	10.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.611	5.611	0.000	97	196168	10.5	9.94	
24 Isopropyl alcohol	45	5.820	5.820	0.000	99	93128	10.2	9.42	
23 Carbon disulfide	76	5.943	5.943	0.000	100	234906	10.2	10.0	
26 Acetonitrile	41	5.980	5.980	0.000	99	36257	9.90	10.0	
25 3-Chloro-1-propene	41	6.162	6.162	0.000	96	84649	10.6	10.7	
27 Methylene Chloride	49	6.355	6.355	0.000	94	86684	10.3	9.77	
28 2-Methyl-2-propanol	59	6.521	6.521	0.000	96	126219	10.8	10.3	
32 Acrylonitrile	53	6.686	6.686	0.000	91	33545	10.1	10.3	
31 trans-1,2-Dichloroethene	61	6.852	6.852	0.000	97	117137	10.2	9.44	
29 Methyl tert-butyl ether	73	6.874	6.874	0.000	95	174699	10.4	10.0	
33 Hexane	57	7.387	7.387	0.000	87	87127	10.6	9.34	
34 1,1-Dichloroethane	63	7.564	7.564	0.000	98	128769	10.0	9.67	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 Vinyl acetate	43	7.580	7.580	0.000	100	135437	10.4	12.3	
38 2-Butanone (MEK)	72	8.495	8.495	0.000	100	26076	10.3	9.19	
37 cis-1,2-Dichloroethene	96	8.527	8.527	0.000	94	81444	10.1	9.87	
39 Ethyl acetate	88	8.612	8.612	0.000	99	3963	10.1	10.1	
* 40 Chlorobromomethane	128	8.928	8.928	0.000	80	111086	10.0	10.0	
41 Tetrahydrofuran	42	9.014	9.014	0.000	85	62657	9.99	9.26	
42 Chloroform	83	9.115	9.115	0.000	98	207312	10.1	9.63	
44 1,1,1-Trichloroethane	97	9.452	9.452	0.000	95	249537	10.2	8.85	
43 Cyclohexane	84	9.634	9.634	0.000	96	107575	10.1	8.64	
S 30 1,2-Dichloroethene, Total	61				0		20.3	19.3	
45 Carbon tetrachloride	117	9.768	9.768	0.000	98	305422	10.2	9.30	
47 Benzene	78	10.105	10.105	0.000	96	271638	10.3	8.33	
48 1,2-Dichloroethane	62	10.148	10.148	0.000	97	141190	10.4	9.09	
46 Isooctane	57	10.404	10.404	0.000	97	466365	10.5	8.85	
49 n-Heptane	43	10.752	10.752	0.000	93	171826	10.5	8.99	
* 50 1,4-Difluorobenzene	114	10.897	10.897	0.000	94	663066	10.0	10.0	
52 n-Butanol	56	11.143	11.143	0.000	93	63896	9.55	8.28	
53 Trichloroethene	95	11.389	11.389	0.000	97	211708	10.5	9.31	
54 1,2-Dichloropropane	63	11.870	11.870	0.000	89	116945	10.3	8.55	
55 Methyl methacrylate	69	12.015	12.015	0.000	94	101889	10.2	8.93	
57 Dibromomethane	174	12.025	12.025	0.000	95	203173	10.3	8.70	
56 1,4-Dioxane	88	12.031	12.031	0.000	47	69705	10.6	9.12	
A 51 GRO	1	12.352	(4.435-20.269)		0	49178959	649.9	0	
58 Dichlorobromomethane	83	12.389	12.389	0.000	98	328528	10.6	9.83	
60 cis-1,3-Dichloropropene	75	13.283	13.283	0.000	95	217897	10.4	9.35	
61 4-Methyl-2-pentanone (MIBK)	43	13.577	13.577	0.000	98	251552	10.2	8.79	
65 Toluene	92	14.005	14.005	0.000	93	234960	10.2	8.67	
A 63 Toluene Range	92	14.005	(13.965-14.045)		0	979636	NC	NC	
A 59 TVOC as Toluene	92	14.058	(3.028-25.089)		0	77593568	899.8	0	
A 62 C8 Range	1	14.352	(14.313-14.413)		0	1140867	NC	NC	
64 n-Octane	43	14.363	14.363	0.000	93	289209	10.3	9.04	
66 trans-1,3-Dichloropropene	75	14.427	14.427	0.000	97	190890	9.88	9.02	
67 1,1,2-Trichloroethane	83	14.823	14.823	0.000	97	132681	10.5	9.23	
68 Tetrachloroethene	166	15.101	15.101	0.000	96	274305	10.5	9.36	
69 2-Hexanone	43	15.294	15.294	0.000	94	242506	9.99	8.63	
71 Chlorodibromomethane	129	15.615	15.615	0.000	97	354321	9.68	9.43	
72 Ethylene Dibromide	107	15.861	15.861	0.000	98	254493	10.6	9.87	
* 74 Chlorobenzene-d5	117	16.856	16.856	0.000	86	633658	10.0	10.0	
75 Chlorobenzene	112	16.920	16.920	0.000	94	354859	10.5	9.50	
76 Ethylbenzene	91	17.150	17.150	0.000	99	544493	10.2	8.71	
78 m-Xylene & p-Xylene	106	17.439	17.439	0.000	0	407212	20.6	18.7	
77 n-Nonane	57	17.578	17.578	0.000	89	260403	10.5	9.24	
79 o-Xylene	106	18.236	18.236	0.000	98	200585	10.4	8.64	
80 Styrene	104	18.274	18.274	0.000	98	309375	10.3	9.73	
81 Bromoform	173	18.611	18.611	0.000	95	341320	10.3	10.3	
82 Isopropylbenzene	105	19.033	19.033	0.000	96	605462	10.4	9.24	
* 83 4-Bromofluorobenzene	95	19.349	19.349	0.000	94	481310	10.0	10.0	
84 1,1,2,2-Tetrachloroethane	83	19.568	19.568	0.000	99	353414	10.3	9.16	
S 73 Xylenes, Total	106				0		30.9	27.4	
86 1,2,3-Trichloropropane	75	19.675	19.675	0.000	97	269826	10.6	9.25	
85 N-Propylbenzene	91	19.836	19.836	0.000	99	730737	10.4	9.43	
89 2-Chlorotoluene	91	19.980	19.980	0.000	97	476659	10.4	9.22	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 4-Ethyltoluene	105	20.061	20.061	0.000	99	592290	10.3	9.30	
90 1,3,5-Trimethylbenzene	105	20.168	20.168	0.000	92	519294	10.4	9.16	
87 n-Decane	57	20.259	20.259	0.000	92	293302	10.4	9.19	
91 Alpha Methyl Styrene	118	20.515	20.515	0.000	88	252345	10.2	9.35	
92 tert-Butylbenzene	119	20.687	20.687	0.000	91	492233	10.4	9.27	
93 1,2,4-Trimethylbenzene	105	20.778	20.778	0.000	98	527297	10.4	9.12	
94 sec-Butylbenzene	105	21.040	21.040	0.000	98	747142	10.5	9.19	
96 1,3-Dichlorobenzene	146	21.195	21.195	0.000	98	391377	10.6	9.44	
95 4-Isopropyltoluene	119	21.275	21.275	0.000	97	628437	10.3	9.01	
97 1,4-Dichlorobenzene	146	21.345	21.345	0.000	95	396069	10.5	9.70	
98 Benzyl chloride	91	21.494	21.494	0.000	98	531449	10.6	10.4	
101 1,2-Dichlorobenzene	146	21.842	21.842	0.000	95	386625	10.4	9.23	
100 n-Butylbenzene	91	21.847	21.847	0.000	97	603620	10.4	9.22	
99 Undecane	57	22.045	22.045	0.000	95	302463	10.5	8.97	
102 Dodecane	57	23.607	23.607	0.000	97	227241	9.36	7.26	
103 1,2,4-Trichlorobenzene	180	24.239	24.239	0.000	94	351088	10.9	9.89	
104 Hexachlorobutadiene	225	24.506	24.506	0.000	97	373400	10.3	8.32	
105 Naphthalene	128	24.683	24.683	0.000	99	703527	9.72	9.25	
106 1,2,3-Trichlorobenzene	180	25.079	25.079	0.000	95	301277	9.12	8.06	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL4w_00761	Amount Added: 200.00	Units: mL	
ATTO15GIS_00017	Amount Added: 20.00	Units: mL	Run Reagent

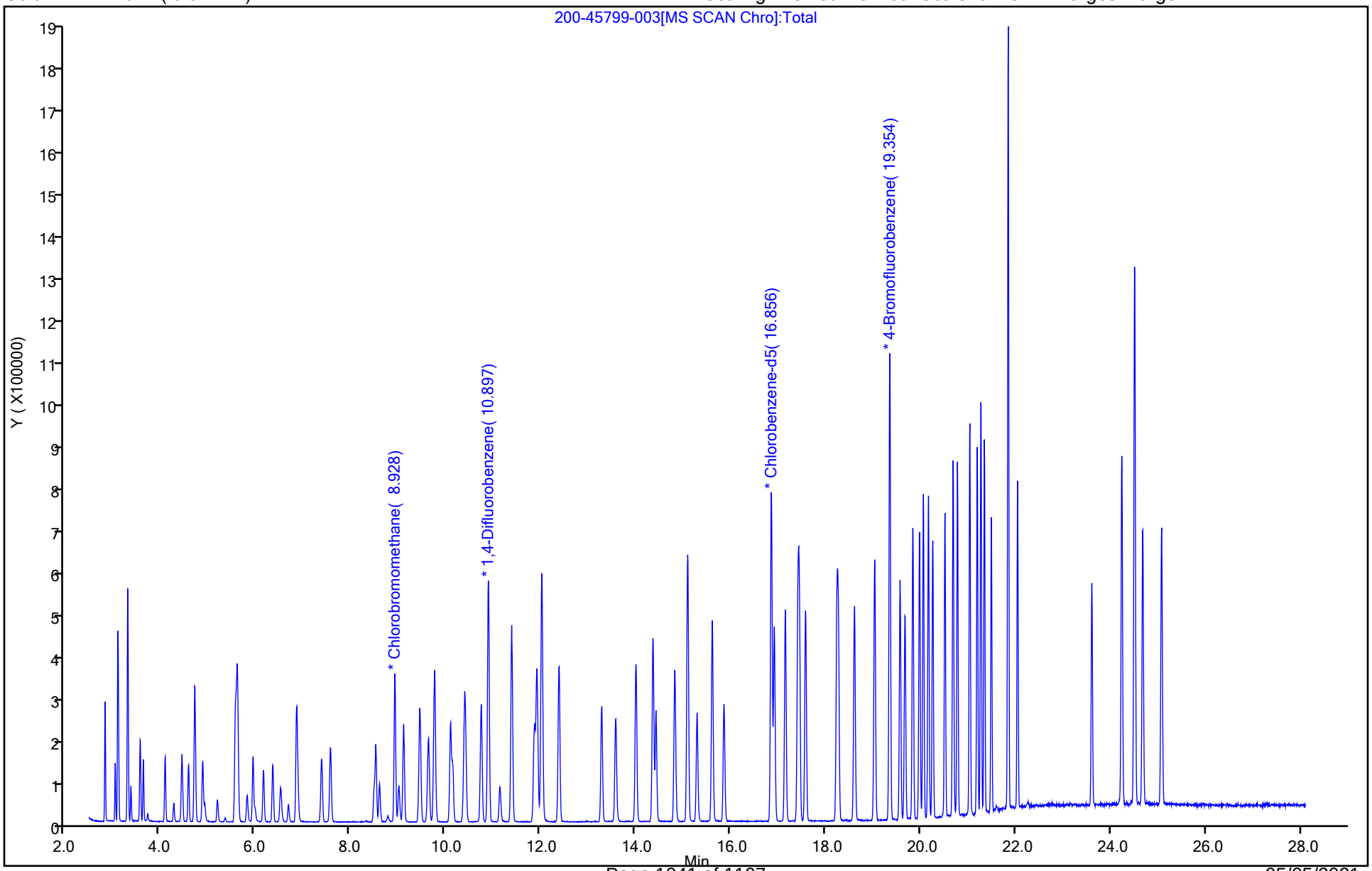
Report Date: 03-May-2021 12:50:25 Chrom Revision: 2.3 08-Apr-2021 17:17:48

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20210503-45799.b\200-45799-003.D

Injection Date:	03-May-2021 09:21:30	Instrument ID:	CHG.i	Operator ID:	ggg
Lims ID:	lcs			Worklist Smp#:	3
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Instrument ID: CHX.i Start Date: 04/08/2021 14:47

Analysis Batch Number: 165684 End Date: 04/09/2021 14:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-165684/1		04/08/2021 14:47	1	45522-01.D	RTX-624 0.32(mm)
IC 200-165684/4		04/08/2021 17:20	1	45522-04.D	RTX-624 0.32(mm)
IC 200-165684/5		04/08/2021 18:13	1	45522-05.D	RTX-624 0.32(mm)
IC 200-165684/7		04/08/2021 19:59	1	45522-07.D	RTX-624 0.32(mm)
ICIS 200-165684/8		04/08/2021 20:52	1	45522-08.D	RTX-624 0.32(mm)
IC 200-165684/9		04/08/2021 21:45	1	45522-09.D	RTX-624 0.32(mm)
IC 200-165684/13		04/09/2021 01:18	1	45522-13.D	RTX-624 0.32(mm)
IC 200-165684/22		04/09/2021 09:41	1	45522-22.D	RTX-624 0.32(mm)
IC 200-165684/23		04/09/2021 11:15	1	45522-23.D	RTX-624 0.32(mm)
ICV 200-165684/26		04/09/2021 14:30	1	45522-26.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Instrument ID: CHG.i Start Date: 04/29/2021 14:57

Analysis Batch Number: 166332 End Date: 04/30/2021 04:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-166332/1		04/29/2021 14:57	1	200-45736-001a.D	RTX-624 0.32(mm)
IC 200-166332/4		04/29/2021 17:40	1	200-45776-004.D	RTX-624 0.32(mm)
ZZZZZ		04/29/2021 17:40	1		RTX-624 0.32(mm)
IC 200-166332/5		04/29/2021 18:32	1	200-45776-005.D	RTX-624 0.32(mm)
ZZZZZ		04/29/2021 18:32	1		RTX-624 0.32(mm)
IC 200-166332/6		04/29/2021 19:26	1	200-45776-006.D	RTX-624 0.32(mm)
ZZZZZ		04/29/2021 19:26	1		RTX-624 0.32(mm)
IC 200-166332/7		04/29/2021 20:19	1	200-45776-007.D	RTX-624 0.32(mm)
ZZZZZ		04/29/2021 20:19	1		RTX-624 0.32(mm)
ICIS 200-166332/8		04/29/2021 21:11	1	200-45776-008.D	RTX-624 0.32(mm)
IC 200-166332/9		04/29/2021 22:04	1	200-45776-009.D	RTX-624 0.32(mm)
IC 200-166332/12		04/30/2021 00:42	1	200-45776-012.D	RTX-624 0.32(mm)
IC 200-166332/13		04/30/2021 01:36	1	200-45776-013.D	RTX-624 0.32(mm)
ICV 200-166332/16		04/30/2021 04:18	1	200-45776-016.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Instrument ID: CHX.i Start Date: 04/30/2021 07:34

Analysis Batch Number: 166352 End Date: 05/01/2021 06:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-166352/1		04/30/2021 07:34	1	45779-01.D	RTX-624 0.32(mm)
CCVIS 200-166352/2		04/30/2021 08:20	1	45779-02.D	RTX-624 0.32(mm)
LCS 200-166352/3		04/30/2021 09:13	1	45779-03.D	RTX-624 0.32(mm)
MB 200-166352/4		04/30/2021 10:06	1	45779-04.D	RTX-624 0.32(mm)
ZZZZZ		04/30/2021 11:10	0.2		RTX-624 0.32(mm)
ZZZZZ		04/30/2021 12:05	0.2		RTX-624 0.32(mm)
ZZZZZ		04/30/2021 12:58	6.99		RTX-624 0.32(mm)
ZZZZZ		04/30/2021 13:51	8		RTX-624 0.32(mm)
ZZZZZ		04/30/2021 14:44	2		RTX-624 0.32(mm)
ZZZZZ		04/30/2021 15:37	8		RTX-624 0.32(mm)
ZZZZZ		04/30/2021 16:30	1		RTX-624 0.32(mm)
ZZZZZ		04/30/2021 17:23	1		RTX-624 0.32(mm)
ZZZZZ		04/30/2021 18:16	10		RTX-624 0.32(mm)
ZZZZZ		04/30/2021 19:10	10		RTX-624 0.32(mm)
ZZZZZ		04/30/2021 20:03	10		RTX-624 0.32(mm)
ZZZZZ		04/30/2021 20:56	10		RTX-624 0.32(mm)
ZZZZZ		04/30/2021 21:50	10		RTX-624 0.32(mm)
200-58258-1	AA-01_20210428	04/30/2021 22:43	1	45779-18.D	RTX-624 0.32(mm)
200-58258-2	SV-01_20210428	04/30/2021 23:36	1	45779-19.D	RTX-624 0.32(mm)
ZZZZZ		05/01/2021 00:29	10		RTX-624 0.32(mm)
ZZZZZ		05/01/2021 01:22	10		RTX-624 0.32(mm)
200-58258-3	SV-02_20210428	05/01/2021 02:16	1	45779-22.D	RTX-624 0.32(mm)
ZZZZZ		05/01/2021 03:09	5		RTX-624 0.32(mm)
200-58258-4	SV-03_20210428	05/01/2021 04:03	1	45779-24.D	RTX-624 0.32(mm)
ZZZZZ		05/01/2021 04:56	5		RTX-624 0.32(mm)
ZZZZZ		05/01/2021 05:49	1.5		RTX-624 0.32(mm)
200-58258-5	SV-04_20210428	05/01/2021 06:43	20	45779-27.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-58258-1

SDG No.:

Instrument ID: CHG.i Start Date: 05/03/2021 07:45

Analysis Batch Number: 166409 End Date: 05/04/2021 03:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-166409/1		05/03/2021 07:45	1	200-45799-001.D	RTX-624 0.32(mm)
CCVIS 200-166409/2		05/03/2021 08:29	1	200-45799-002.D	RTX-624 0.32(mm)
LCS 200-166409/3		05/03/2021 09:21	1	200-45799-003.D	RTX-624 0.32(mm)
ZZZZZ		05/03/2021 10:15	1		RTX-624 0.32(mm)
MB 200-166409/5		05/03/2021 11:08	1	200-45799-005.D	RTX-624 0.32(mm)
ZZZZZ		05/03/2021 12:01	0.2		RTX-624 0.32(mm)
ZZZZZ		05/03/2021 12:54	1		RTX-624 0.32(mm)
ZZZZZ		05/03/2021 13:46	1		RTX-624 0.32(mm)
200-58258-2 DL	SV-01_20210428 DL	05/03/2021 14:39	4	200-45799-009.D	RTX-624 0.32(mm)
200-58258-3 DL	SV-02_20210428 DL	05/03/2021 15:31	10	200-45799-010.D	RTX-624 0.32(mm)
200-58258-4 DL	SV-03_20210428 DL	05/03/2021 16:24	10	200-45799-011.D	RTX-624 0.32(mm)
ZZZZZ		05/03/2021 17:16	20		RTX-624 0.32(mm)
ZZZZZ		05/03/2021 18:08	20		RTX-624 0.32(mm)
ZZZZZ		05/03/2021 19:01	50.5		RTX-624 0.32(mm)
ZZZZZ		05/03/2021 19:53	20		RTX-624 0.32(mm)
ZZZZZ		05/03/2021 20:45	15.4		RTX-624 0.32(mm)
ZZZZZ		05/03/2021 21:38	46.3		RTX-624 0.32(mm)
ZZZZZ		05/03/2021 22:30	235		RTX-624 0.32(mm)
ZZZZZ		05/03/2021 23:22	502		RTX-624 0.32(mm)
ZZZZZ		05/04/2021 00:14	2480		RTX-624 0.32(mm)
ZZZZZ		05/04/2021 01:07	20		RTX-624 0.32(mm)
ZZZZZ		05/04/2021 01:59	100		RTX-624 0.32(mm)
ZZZZZ		05/04/2021 02:51	10		RTX-624 0.32(mm)
ZZZZZ		05/04/2021 03:44	10		RTX-624 0.32(mm)

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-58258-1

SDG No.:

Batch Number: 165684 Batch Start Date: 04/08/21 14:47 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialPressure	FinalPressure	InitialAmount	FinalAmount	ATTO15CAL1w 00227	ATTO15CAL3w 00232
BFB 200-165684/1		TO-15		1	1	200 mL	200 mL		
IC 200-165684/4		TO-15		1	1	200 mL	200 mL	35 mL	
IC 200-165684/5		TO-15		1	1	200 mL	200 mL	180 mL	
IC 200-165684/7		TO-15		1	1	200 mL	200 mL		180 mL
ICIS 200-165684/8		TO-15		1	1	200 mL	200 mL		
IC 200-165684/9		TO-15		1	1	200 mL	200 mL		
IC 200-165684/13		TO-15		1	1	200 mL	200 mL		
IC 200-165684/22		TO-15		1	1	200 mL	200 mL		18 mL
IC 200-165684/23		TO-15		1	1	200 mL	200 mL		
ICV 200-165684/26		TO-15		1	1	200 mL	200 mL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15CAL4w 00762	ATTO15CAL6w 00187	ATTO15CAL7w 00104	ATTO15LCSW 00823	ATTO15XISs 00002	
BFB 200-165684/1		TO-15						20 mL	
IC 200-165684/4		TO-15						20 mL	
IC 200-165684/5		TO-15						20 mL	
IC 200-165684/7		TO-15						20 mL	
ICIS 200-165684/8		TO-15		200 mL				20 mL	
IC 200-165684/9		TO-15			150 mL			20 mL	
IC 200-165684/13		TO-15				200 mL		20 mL	
IC 200-165684/22		TO-15						20 mL	
IC 200-165684/23		TO-15			200 mL			20 mL	
ICV 200-165684/26		TO-15					200 mL	20 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-58258-1

SDG No.:

Batch Number: 165684 Batch Start Date: 04/08/21 14:47 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-58258-1

SDG No.:

Batch Number: 166332 Batch Start Date: 04/29/21 14:57 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialPressure	FinalPressure	InitialAmount	FinalAmount	ATTO15CAL1w 00228	ATTO15CAL2w 00301
BFB 200-166332/1		TO-15		1	1	200 mL	200 mL		
IC 200-166332/4		TO-15		1	1	200 mL	200 mL	32 mL	
IC 200-166332/5		TO-15		1	1	200 mL	200 mL	180 mL	
IC 200-166332/6		TO-15		1	1	200 mL	200 mL		180 mL
IC 200-166332/7		TO-15		1	1	200 mL	200 mL		
ICIS 200-166332/8		TO-15		1	1	200 mL	200 mL		
IC 200-166332/9		TO-15		1	1	200 mL	200 mL		
IC 200-166332/12		TO-15		1	1	200 mL	200 mL		
IC 200-166332/13		TO-15		1	1	200 mL	200 mL		
ICV 200-166332/16		TO-15		1	1	200 mL	200 mL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15CAL4w 00763	ATTO15CAL5w 00105	ATTO15CAL6w 00188	ATTO15CAL7w 00105	ATTO15GIS 00017	ATTO15LCSW 00824
BFB 200-166332/1		TO-15						20 mL	
IC 200-166332/4		TO-15						20 mL	
IC 200-166332/5		TO-15						20 mL	
IC 200-166332/6		TO-15						20 mL	
IC 200-166332/7		TO-15		90 mL				20 mL	
ICIS 200-166332/8		TO-15		200 mL				20 mL	
IC 200-166332/9		TO-15			200 mL			20 mL	
IC 200-166332/12		TO-15				200 mL		20 mL	
IC 200-166332/13		TO-15					200 mL	20 mL	
ICV 200-166332/16		TO-15						20 mL	200 mL

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-58258-1

SDG No.:

Batch Number: 166332 Batch Start Date: 04/29/21 14:57 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-58258-1

SDG No.:

Batch Number: 166352 Batch Start Date: 04/30/21 07:34 Batch Analyst: Bunma, Arthit 1

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialPressure	FinalPressure	InitialAmount	FinalAmount	ATTO15CAL4w 00762	ATTO15LCSW 00824
BFB 200-166352/1		TO-15		1	1	200 mL	200 mL		
CCVIS 200-166352/2		TO-15		1	1	200 mL	200 mL	200 mL	
LCS 200-166352/3		TO-15		1	1	200 mL	200 mL		200 mL
MB 200-166352/4		TO-15		1	1	200 mL	200 mL		
200-58258-A-1	AA-01_20210428	TO-15	T	1	1	200 mL	200 mL		
200-58258-A-2	SV-01_20210428	TO-15	T	1	1	200 mL	200 mL		
200-58258-A-3	SV-02_20210428	TO-15	T	1	1	200 mL	200 mL		
200-58258-A-4	SV-03_20210428	TO-15	T	1	1	200 mL	200 mL		
200-58258-A-5	SV-04_20210428	TO-15	T	1	1	162 mL	200 mL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15XISs 00002	AnalysisComment				
BFB 200-166352/1		TO-15		20 mL					
CCVIS 200-166352/2		TO-15		20 mL					
LCS 200-166352/3		TO-15		20 mL					
MB 200-166352/4		TO-15		20 mL					
200-58258-A-1	AA-01_20210428	TO-15	T	20 mL					
200-58258-A-2	SV-01_20210428	TO-15	T	20 mL	2-Butanone exceeded calibration range.				
200-58258-A-3	SV-02_20210428	TO-15	T	20 mL					
200-58258-A-4	SV-03_20210428	TO-15	T	20 mL					
200-58258-A-5	SV-04_20210428	TO-15	T	20 mL					

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-58258-1

SDG No.:

Batch Number: 166352 Batch Start Date: 04/30/21 07:34 Batch Analyst: Bunma, Arthit 1

Batch Method: TO-15 Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Burlingt Job No.: 200-58258-1

SDG No.:

Batch Number: 166409 Batch Start Date: 05/03/21 07:45 Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialPressure	FinalPressure	InitialAmount	FinalAmount	ATTO15CAL4w 00761	ATTO15GIS 00017
BFB 200-166409/1		TO-15		1	1	200 mL	200 mL		20 mL
CCVIS 200-166409/2		TO-15		1	1	200 mL	200 mL	200 mL	20 mL
LCS 200-166409/3		TO-15		1	1	200 mL	200 mL		20 mL
MB 200-166409/5		TO-15		1	1	200 mL	200 mL		20 mL
200-58258-A-2	SV-01_20210428	TO-15	T	1	1	50 mL	200 mL		20 mL
200-58258-A-3	SV-02_20210428	TO-15	T	1	1	20 mL	200 mL		20 mL
200-58258-A-4	SV-03_20210428	TO-15	T	1	1	20 mL	200 mL		20 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15LCSW 00823					
BFB 200-166409/1		TO-15							
CCVIS 200-166409/2		TO-15							
LCS 200-166409/3		TO-15		200 mL					
MB 200-166409/5		TO-15							
200-58258-A-2	SV-01_20210428	TO-15	T						
200-58258-A-3	SV-02_20210428	TO-15	T						
200-58258-A-4	SV-03_20210428	TO-15	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
200-58258	04/29/21	14:31	29.4	22	G23	SML

Sampling Information and Return Equipment Check	Yes	N o	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		N o	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		N o	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
200-58258-A-1	2988	-5.3	N	2996	86/185	Y	4350-45231	
200-58258-A-2	2706	-6.7	N	3133	86/185	Y	4350-45231	
200-58258-A-3	2971	-6.9	N	6228	86/185	Y	4350-45231	
200-58258-A-4	5975	-7.1	N	5218	86/185	Y	4350-45231	
200-58258-A-5	34000189	-7.3	N	6081	86/185	Y	4350-45231	

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Summa Canister Dilution Worksheet

Client: AKRF Inc
Project/Site: Brookfield Commons - 159 South Lexington

Job No.: 200-58258-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
200-58258-5	6	-5.8	0.81	4.84	40.2	3.73	22.41		4.63	4.63	G21	04/30/21 13:37	TPB
200-58258-5	6	0	1.00	6.00	36.7	3.50	20.98		3.50	16.20	G21	04/30/21 13:37	TPB

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg
Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10	25	3/16/2021	1440	23	23	SML	6 liter	batch

						Initial Reading					Final Reading				
Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Gauge:	Date:	Time:	Tech:	Temp:	Gauge:	Date:	Time:	Tech:	Temp:
1	4824	103	103	0	29.4	G26	3/17/21	1246	S—	24.0	G26	4/20/21	1258	S—	22.0
2	2988	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
3	3626	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
4	2971	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
5	2706	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
6	5700	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
7	5975	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
8	6260	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
9	2720	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
10	34000189	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
11	5106	↓	103	0	↓	G26	↓	↓	↓	↓	G26	↓	↓	↓	↓
12	4350	103	103	0	29.3	G26	4/20/21	1337	S—	22.0	G26	4/22/21	1400	S—	22.0

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☑ TO15 Routine ☐ TO15 LL

				Inventory Level				Secondary Review		
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Rev
4350	3/19/21	45231	VTP		XXXXXXX				3/19/21	TPB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Cup Tees/Vac gauges (enter IDs if included):

Comments:

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05/05/2021

Form ID: FAI023:12
Revision Date: 12/18/2018

TestAmerica Burlington

200-57640-A-12
4350
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/16/2021 12:00 AM 200-1475762

Loc: 200
57640
#12 A
Air-Storag

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 45231-04.D

Lab ID: LCS 200-164985/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.1	11.2	110	50-158	
Dichlorodifluoromethane	10.6	10.1	96	61-142	
Freon 22	10.6	11.5	109	60-147	
1,2-Dichlorotetrafluoroethane	10.6	11.4	108	71-141	
Chloromethane	9.94	11.8	119	56-141	
n-Butane	10.3	12.6	122	53-151	
Vinyl chloride	9.99	11.4	114	61-135	
1,3-Butadiene	9.70	11.1	114	58-139	
Bromomethane	10.4	11.7	112	72-124	
Chloroethane	10.6	11.5	109	68-130	
Bromoethene(Vinyl Bromide)	10.0	12.1	120	75-125	
Trichlorofluoromethane	10.4	12.4	119	70-129	
Ethanol	15.0	16.3	108	50-150	
Freon TF	10.7	11.7	109	70-121	
1,1-Dichloroethene	10.2	10.4	103	68-120	
Acetone	10.4	12.5	120	54-154	
Isopropyl alcohol	10.2	10.6	105	53-142	
Carbon disulfide	10.4	10.3	99	71-138	
3-Chloropropene	10.7	11.3	105	50-150	
Methylene Chloride	10.2	11.3	110	59-137	
tert-Butyl alcohol	10.8	11.6	108	66-132	
Methyl tert-butyl ether	10.6	11.8	112	70-127	
trans-1,2-Dichloroethene	10.3	11.6	112	69-137	
n-Hexane	10.5	11.8	113	63-138	
1,1-Dichloroethane	10.3	10.2	99	66-130	
Vinyl acetate	10.1	12.1	121	59-149	
Ethyl acetate	10.2	10.5	103	70-131	
Methyl Ethyl Ketone	10.4	10.8	105	72-124	
cis-1,2-Dichloroethene	10.4	9.80	95	72-121	
Chloroform	10.3	11.3	110	73-124	
Tetrahydrofuran	9.81	10.9	111	60-149	
1,1,1-Trichloroethane	10.3	11.5	111	72-127	
Cyclohexane	10.2	10.9	106	76-124	
Carbon tetrachloride	10.0	10.7	106	71-133	
2,2,4-Trimethylpentane	10.1	11.6	114	68-131	
Benzene	10.4	11.0	106	73-119	
1,2-Dichloroethane	10.5	12.1	116	68-135	
n-Heptane	10.3	12.0	117	60-142	
Trichloroethene	10.3	10.3	100	73-122	
Methyl methacrylate	10.2	10.6	104	73-129	
1,2-Dichloropropane	10.3	11.2	108	69-128	
1,4-Dioxane	10.3	9.90	96	66-129	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 45231-04.D

Lab ID: LCS 200-164985/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.3	12.0	116	75-127	
cis-1,3-Dichloropropene	9.94	11.4	115	74-125	
methyl isobutyl ketone	10.2	11.4	111	58-144	
Toluene	10.2	10.8	106	75-122	
trans-1,3-Dichloropropene	9.85	10.9	111	74-128	
1,1,2-Trichloroethane	10.5	11.0	105	75-126	
Tetrachloroethene	10.5	10.1	97	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.1	10.4	103	57-143	
Dibromochloromethane	10.6	10.8	102	73-125	
1,2-Dibromoethane	10.7	11.1	104	78-122	
Chlorobenzene	10.5	10.7	102	76-119	
Ethylbenzene	10.2	10.8	105	74-122	
m,p-Xylene	20.0	21.8	109	76-121	
Xylene, o-	10.4	10.9	105	73-123	
Styrene	10.3	11.2	109	74-125	
Bromoform	10.3	13.3	129	53-149	
Cumene	10.5	11.2	107	73-123	
1,1,2,2-Tetrachloroethane	10.3	10.9	106	74-126	
n-Propylbenzene	10.4	11.0	107	73-127	
4-Ethyltoluene	10.2	11.0	107	75-129	
1,3,5-Trimethylbenzene	10.5	11.2	107	72-126	
2-Chlorotoluene	10.4	11.2	108	74-126	
tert-Butylbenzene	10.4	11.2	108	71-125	
1,2,4-Trimethylbenzene	10.4	11.1	107	71-129	
sec-Butylbenzene	10.5	11.3	108	70-128	
4-Isopropyltoluene	10.5	11.1	105	68-130	
1,3-Dichlorobenzene	10.2	10.9	107	69-131	
1,4-Dichlorobenzene	10.4	10.7	103	67-132	
Benzyl chloride	10.2	10.7	105	60-136	
n-Butylbenzene	10.5	11.2	107	65-137	
1,2-Dichlorobenzene	10.8	10.7	100	68-129	
1,2,4-Trichlorobenzene	11.0	11.6	105	50-150	
Hexachlorobutadiene	10.8	11.4	106	58-130	
Naphthalene	10.5	10.8	103	50-150	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Lab File ID: 45231-05.D Lab Sample ID: MB 200-164985/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHX.i Date Analyzed: 03/19/2021 11:13

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-164985/4	45231-04.D	03/19/2021 10:20
4350	200-57640-12	45231-06.D	03/19/2021 12:07

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-164985/5

Matrix: Air Lab File ID: 45231-05.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2021 11:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 164985 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.40	U	0.40	0.40
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-164985/5

Matrix: Air Lab File ID: 45231-05.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2021 11:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 164985 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.70	U	0.70	0.70
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-164985/5

Matrix: Air Lab File ID: 45231-05.D

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2021 11:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 164985 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210319-45231.b\45231-05.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 19-Mar-2021 11:13:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0045231-005
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210319-45231.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Mar-2021 14:18:24 Calib Date: 12-Feb-2021 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210211-44792.b\44792-21.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: bourdeaut Date: 19-Mar-2021 14:18:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		4.348					ND	7
2 Dichlorodifluoromethane	85		4.445					ND	
3 Chlorodifluoromethane	51		4.488					ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.798					ND	
5 Chloromethane	50		4.926					ND	
7 Vinyl chloride	62		5.242					ND	
6 Butane	43		5.242					ND	
8 Butadiene	54		5.354					ND	
10 Bromomethane	94		6.071					ND	
11 Chloroethane	64		6.339					ND	
12 2-Methylbutane	43		6.536					ND	
13 Vinyl bromide	106		6.756					ND	
14 Trichlorofluoromethane	101		6.911					ND	
16 Pentane	43		7.114					ND	
17 Ethanol	45	7.286	7.286	0.038	50	1111		0.1766	M
18 Ethyl ether	59		7.510					ND	
19 Acrolein	56		7.767					ND	
21 1,1-Dichloroethene	96		7.970					ND	
20 112TCTFE	101		8.002					ND	
22 Acetone	43		8.029					ND	
24 Isopropyl alcohol	45		8.302					ND	
23 Carbon disulfide	76		8.387					ND	
26 Acetonitrile	41		8.543					ND	
25 3-Chloro-1-propene	41		8.666					ND	
27 Methylene Chloride	49		8.901					ND	
28 2-Methyl-2-propanol	59		9.062					ND	
32 Acrylonitrile	53		9.292					ND	
29 Methyl tert-butyl ether	73		9.377					ND	
31 trans-1,2-Dichloroethene	61		9.399					ND	
S 30 1,2-Dichloroethene, Total	61		9.665					ND	7
33 Hexane	57		9.891					ND	
35 Vinyl acetate	43		10.158					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 1,1-Dichloroethane	63		10.169					ND	
38 2-Butanone (MEK)	72		11.116					ND	
37 cis-1,2-Dichloroethene	96		11.159					ND	
39 Ethyl acetate	88		11.191					ND	
* 40 Chlorobromomethane	128	11.571	11.576	-0.005	75	113806	10.0	10.0	
41 Tetrahydrofuran	42		11.592					ND	
42 Chloroform	83		11.747					ND	
44 1,1,1-Trichloroethane	97		12.052					ND	
43 Cyclohexane	84		12.186					ND	
45 Carbon tetrachloride	117		12.325					ND	
47 Benzene	78		12.673					ND	
48 1,2-Dichloroethane	62		12.758					ND	
46 Isooctane	57		12.871					ND	
49 n-Heptane	43		13.181					ND	
* 50 1,4-Difluorobenzene	114	13.406	13.411	-0.005	93	558678	10.0	10.0	
52 n-Butanol	56		13.598					ND	7
53 Trichloroethene	95		13.839					ND	
A 51 GRO	1	14.197	(6.526-21.868)		0	1262349		0	
54 1,2-Dichloropropane	63		14.304					ND	
55 Methyl methacrylate	69		14.368					ND	
56 1,4-Dioxane	88		14.411					ND	
57 Dibromomethane	174		14.465					ND	
58 Dichlorobromomethane	83		14.770					ND	
60 cis-1,3-Dichloropropene	75		15.567					ND	
A 59 TVOC as Toluene	92	15.575	(4.338-26.811)		0	1395578		0	
61 4-Methyl-2-pentanone (MIBK)	43		15.802					ND	
65 Toluene	92		16.203					ND	
64 n-Octane	43		16.433					ND	
66 trans-1,3-Dichloropropene	75		16.621					ND	
67 1,1,2-Trichloroethane	83		17.006					ND	
68 Tetrachloroethene	166		17.188					ND	
69 2-Hexanone	43		17.380					ND	
71 Chlorodibromomethane	129		17.744					ND	
72 Ethylene Dibromide	107		17.990					ND	7
* 74 Chlorobenzene-d5	117	18.884	18.884	0.000	84	427471	10.0	10.0	
75 Chlorobenzene	112	18.943	18.948	-0.005	76	824		0.0220	
76 Ethylbenzene	91	19.125	19.130	-0.005	1	873		0.0149	
78 m-Xylene & p-Xylene	106		19.392					ND	7
77 n-Nonane	57		19.435					ND	
S 73 Xylenes, Total	106		19.600					ND	7
79 o-Xylene	106		20.162					ND	
80 Styrene	104	20.211	20.200	0.011	1	320		0.0103	
81 Bromoform	173		20.558					ND	
82 Isopropylbenzene	105		20.847					ND	7
84 1,1,2,2-Tetrachloroethane	83	21.366	21.366	0.000	81	556		0.0200	
86 1,2,3-Trichloropropane	75		21.468					ND	
85 N-Propylbenzene	91	21.559	21.553	0.006	96	1262		0.0201	
89 2-Chlorotoluene	91		21.703					ND	7
88 4-Ethyltoluene	105	21.746	21.751	-0.005	94	1104		0.0205	
90 1,3,5-Trimethylbenzene	105		21.842					ND	
87 n-Decane	57		21.858					ND	
91 Alpha Methyl Styrene	118	22.163	22.168	-0.005	73	516		0.0250	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
92 tert-Butylbenzene	119		22.318					ND	
93 1,2,4-Trimethylbenzene	105	22.404	22.404	0.000	89	720		0.0164	
94 sec-Butylbenzene	105		22.639					ND	7
96 1,3-Dichlorobenzene	146	22.827	22.821	0.006	91	1536		0.0545	
95 4-Isopropyltoluene	119		22.853					ND	7
97 1,4-Dichlorobenzene	146	22.966	22.960	0.006	91	1664		0.0653	
98 Benzyl chloride	91	23.105	23.105	0.000	90	1322		0.0554	
100 n-Butylbenzene	91	23.410	23.409	0.001	92	1194		0.0305	
101 1,2-Dichlorobenzene	146	23.447	23.452	-0.005	91	1373		0.0510	
99 Undecane	57		23.549					ND	
102 Dodecane	57		25.137					ND	
103 1,2,4-Trichlorobenzene	180	25.908	25.902	0.006	88	1809		0.1434	
104 Hexachlorobutadiene	225		26.138					ND	
105 Naphthalene	128	26.395	26.389	0.006	95	2418		0.1032	
106 1,2,3-Trichlorobenzene	180	26.807	26.801	0.006	88	1430		0.1004	
122 Total Alkanes TIC	1		0.000					ND	
123 Methylcyclohexane	83		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15XISs_00002 Amount Added: 20.00 Units: mL Run Reagent

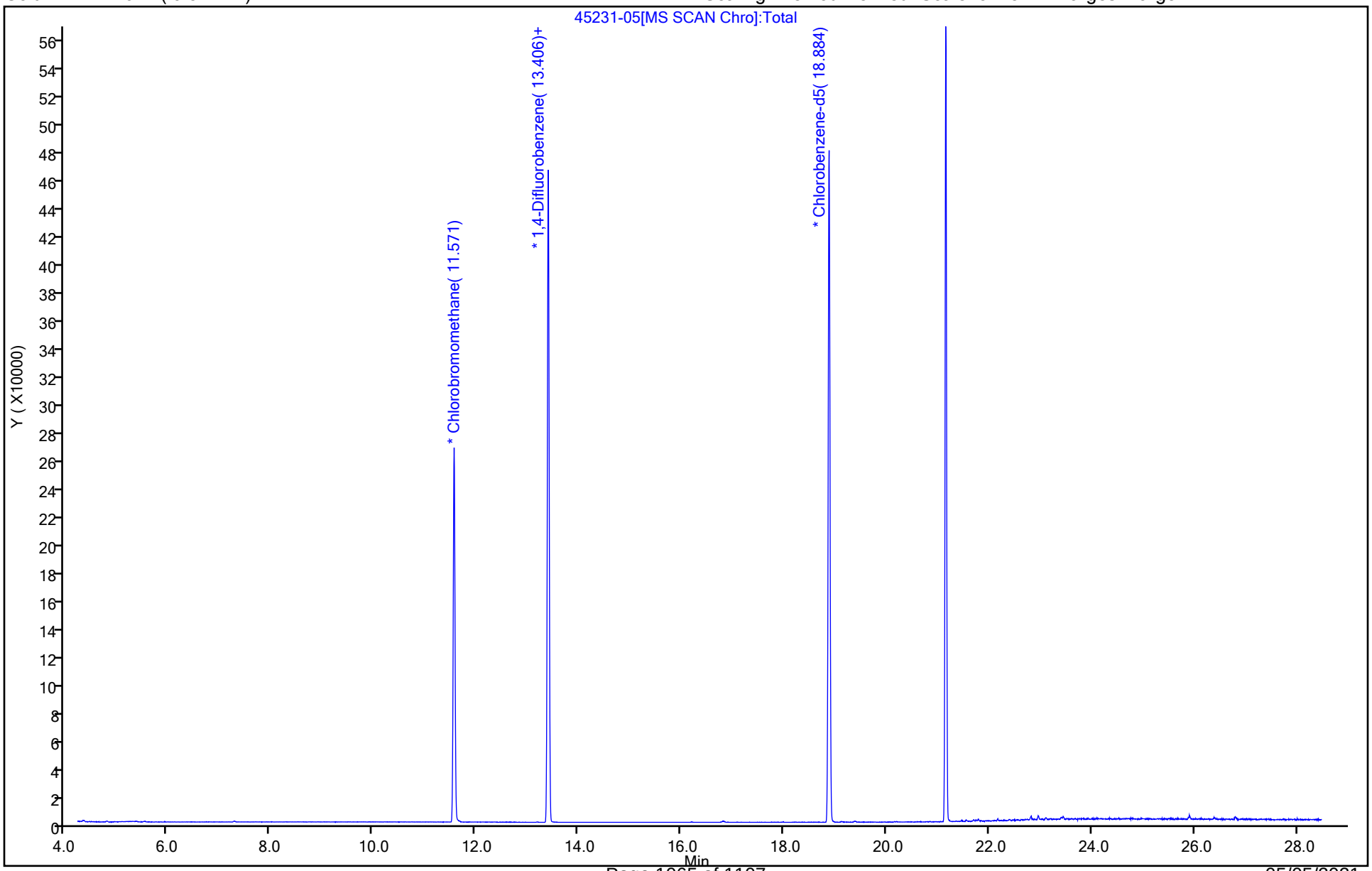
Report Date: 19-Mar-2021 14:18:24 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210319-45231.b\45231-05.D

Injection Date:	19-Mar-2021 11:13:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	MB			Worklist Smp#:	5
Client ID:					
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Burlington

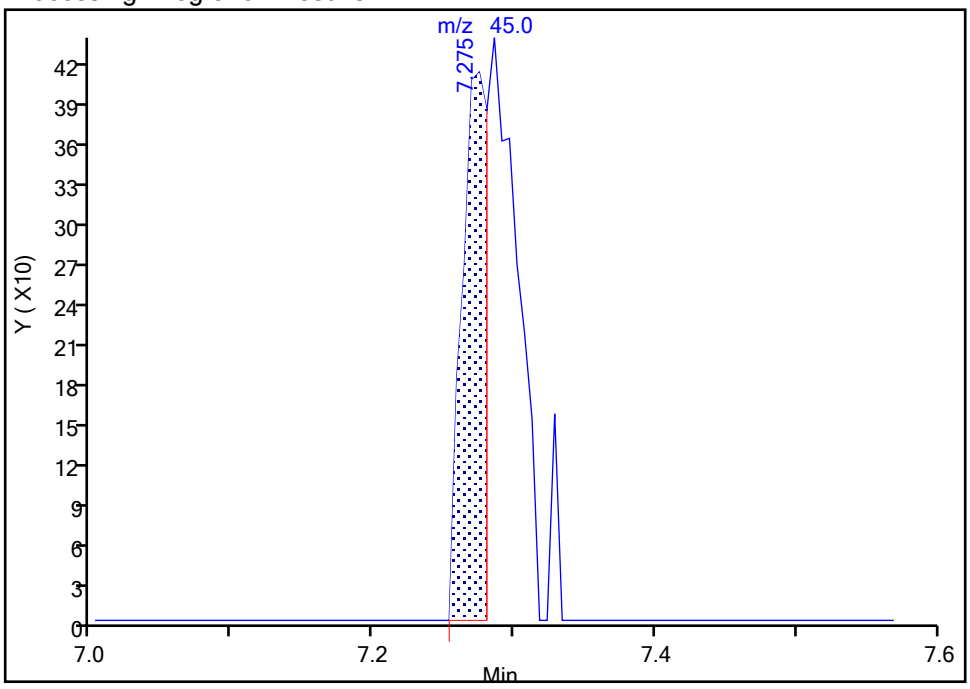
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210319-45231.b\45231-05.D				
Injection Date:	19-Mar-2021 11:13:30	Instrument ID:	CHX.i		
Lims ID:	MB				
Client ID:					
Operator ID:	ggg	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

17 Ethanol, CAS: 64-17-5

Signal: 1

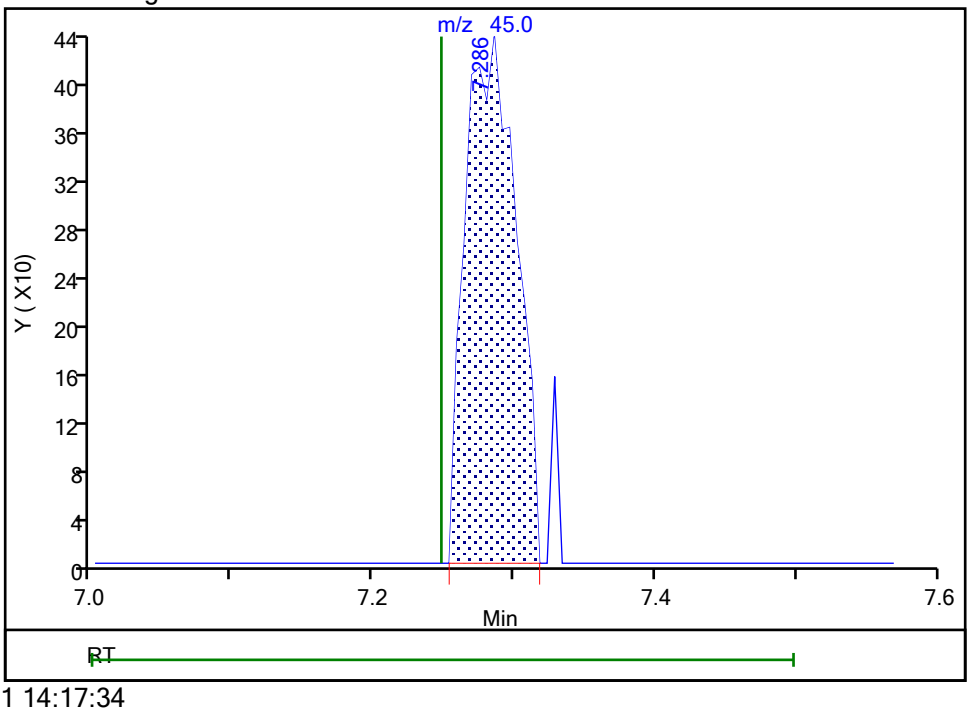
Processing Integration Results

RT: 7.27
Area: 532
Amount: 0.084561
Amount Units: ppb v/v



Manual Integration Results

RT: 7.29
Area: 1111
Amount: 0.176593
Amount Units: ppb v/v



Reviewer: bourdeaut, 19-Mar-2021 14:17:34

Audit Action: Manually Integrated Audit Reason: Baseline

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Lab File ID: 44792-01a.D BFB Injection Date: 02/11/2021

Instrument ID: CHX.i BFB Injection Time: 14:44

Analysis Batch No.: 163886

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	12.8	
75	30.0 - 66.0% of mass 95	40.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.6	(0.6) 1
174	50.0 - 120.0% of mass 95	99.2	
175	4.0 - 9.0 % of mass 174	6.9	(6.9) 1
176	93.0 - 101.0% of mass 174	96.2	(97.0) 1
177	5.0 - 9.0% of mass 176	6.3	(6.5) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-163886/4	44792-04.D	02/11/2021	17:16
	IC 200-163886/6	44792-06.D	02/11/2021	19:01
	IC 200-163886/7	44792-07.D	02/11/2021	19:53
	ICIS 200-163886/8	44792-08.D	02/11/2021	20:46
	IC 200-163886/9	44792-09.D	02/11/2021	21:39
	IC 200-163886/12	44792-12.D	02/12/2021	0:17
	IC 200-163886/13	44792-13.D	02/12/2021	1:09
	IC 200-163886/21	44792-21.D	02/12/2021	10:27

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Lab File ID: 44806-01.D BFB Injection Date: 02/12/2021

Instrument ID: CHX.i BFB Injection Time: 12:12

Analysis Batch No.: 163932

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	12.9	
75	30.0 - 66.0% of mass 95	41.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.6	(0.6) 1
174	50.0 - 120.0% of mass 95	103.4	
175	4.0 - 9.0 % of mass 174	7.5	(7.2) 1
176	93.0 - 101.0% of mass 174	100.9	(97.6) 1
177	5.0 - 9.0% of mass 176	6.5	(6.5) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICV 200-163932/2	44806-02.D	02/12/2021	12:59

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Lab File ID: 45231-01.D BFB Injection Date: 03/19/2021

Instrument ID: CHX.i BFB Injection Time: 07:47

Analysis Batch No.: 164985

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.5	
75	30.0 - 66.0% of mass 95	44.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.4	
173	Less than 2.0% of mass 174	0.7	(0.7) 1
174	50.0 - 120.0% of mass 95	102.3	
175	4.0 - 9.0 % of mass 174	7.2	(7.0) 1
176	93.0 - 101.0% of mass 174	99.5	(97.3) 1
177	5.0 - 9.0% of mass 176	6.5	(6.6) 2

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-164985/3	45231-03.D	03/19/2021	9:27
	LCS 200-164985/4	45231-04.D	03/19/2021	10:20
	MB 200-164985/5	45231-05.D	03/19/2021	11:13
4350	200-57640-12	45231-06.D	03/19/2021	12:07

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Sample No.: ICIS 200-163886/8 Date Analyzed: 02/11/2021 20:46

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 44792-08.D Heated Purge: (Y/N) N

Calibration ID: 45180

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		91710	11.58	442259	13.42	350635	18.89
UPPER LIMIT		128394	11.91	619163	13.75	490889	19.22
LOWER LIMIT		55026	11.25	265355	13.09	210381	18.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-163932/2		96170	11.58	460552	13.42	348301	18.89

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Sample No.: CCVIS 200-164985/3 Date Analyzed: 03/19/2021 09:27

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 45231-03.D Heated Purge: (Y/N) N

Calibration ID: 45180

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		92201	11.58	453942	13.41	369560	18.88
UPPER LIMIT		129081	11.91	635519	13.74	517384	19.21
LOWER LIMIT		55321	11.25	272365	13.08	221736	18.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-164985/4		94901	11.58	464950	13.41	370248	18.88
MB 200-164985/5		113806	11.57	558678	13.41	427471	18.88
200-57640-12	4350	109783	11.57	545470	13.41	394364	18.88

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Client Sample ID: 4350 Lab Sample ID: 200-57640-12

Matrix: Air Lab File ID: 45231-06.D

Analysis Method: TO-15 Date Collected: 03/16/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/19/2021 12:07

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 164985 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Client Sample ID: 4350 Lab Sample ID: 200-57640-12

Matrix: Air Lab File ID: 45231-06.D

Analysis Method: TO-15 Date Collected: 03/16/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/19/2021 12:07

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 164985 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Client Sample ID: 4350 Lab Sample ID: 200-57640-12

Matrix: Air Lab File ID: 45231-06.D

Analysis Method: TO-15 Date Collected: 03/16/2021 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/19/2021 12:07

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 164985 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins TestAmerica, Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210319-45231.b\45231-06.D
Lims ID: 200-57640-A-12
Client ID: 4350
Sample Type: Client
Inject. Date: 19-Mar-2021 12:07:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0045231-006
Misc. Info.: 57640-12
Operator ID: ggg Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20210319-45231.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 19-Mar-2021 14:19:15 Calib Date: 12-Feb-2021 10:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20210211-44792.b\44792-21.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: bourdeaut Date: 19-Mar-2021 14:19:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.348				ND	7
2 Dichlorodifluoromethane	85		4.445				ND	
3 Chlorodifluoromethane	51		4.488				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.798				ND	
5 Chloromethane	50		4.926				ND	
7 Vinyl chloride	62		5.242				ND	
6 Butane	43		5.242				ND	
8 Butadiene	54		5.354				ND	
10 Bromomethane	94		6.071				ND	
11 Chloroethane	64		6.339				ND	
13 Vinyl bromide	106		6.756				ND	
14 Trichlorofluoromethane	101		6.911				ND	
17 Ethanol	45	7.286	7.286	0.038	84	1079	0.1778	
21 1,1-Dichloroethene	96		7.970				ND	
20 112TCTFE	101		8.002				ND	
22 Acetone	43		8.029				ND	
24 Isopropyl alcohol	45		8.302				ND	
23 Carbon disulfide	76		8.387				ND	
25 3-Chloro-1-propene	41		8.666				ND	
27 Methylene Chloride	49		8.901				ND	
28 2-Methyl-2-propanol	59		9.062				ND	
29 Methyl tert-butyl ether	73		9.377				ND	
31 trans-1,2-Dichloroethene	61		9.399				ND	
S 30 1,2-Dichloroethene, Total	61		9.665				ND	7
33 Hexane	57		9.891				ND	
35 Vinyl acetate	43		10.158				ND	
34 1,1-Dichloroethane	63		10.169				ND	
38 2-Butanone (MEK)	72		11.116				ND	
37 cis-1,2-Dichloroethene	96		11.159				ND	
39 Ethyl acetate	88		11.191				ND	
* 40 Chlorobromomethane	128	11.571	11.576	-0.005	76	109783	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Tetrahydrofuran	42		11.592				ND	
	42 Chloroform	83		11.747				ND	
	44 1,1,1-Trichloroethane	97		12.052				ND	
	43 Cyclohexane	84		12.186				ND	
	45 Carbon tetrachloride	117		12.325				ND	
	47 Benzene	78		12.673				ND	
	48 1,2-Dichloroethane	62		12.758				ND	
	46 Isooctane	57		12.871				ND	
	49 n-Heptane	43		13.181				ND	
*	50 1,4-Difluorobenzene	114	13.411	13.411	0.000	93	545470	10.0	
	53 Trichloroethene	95		13.839				ND	
	54 1,2-Dichloropropane	63		14.304				ND	
	55 Methyl methacrylate	69		14.368				ND	
	56 1,4-Dioxane	88		14.411				ND	
	57 Dibromomethane	174		14.465				ND	
	58 Dichlorobromomethane	83		14.770				ND	
	60 cis-1,3-Dichloropropene	75		15.567				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.802				ND	
	65 Toluene	92		16.203				ND	
	66 trans-1,3-Dichloropropene	75		16.621				ND	
	67 1,1,2-Trichloroethane	83		17.006				ND	
	68 Tetrachloroethene	166		17.188				ND	
	69 2-Hexanone	43		17.380				ND	
	71 Chlorodibromomethane	129		17.744				ND	
	72 Ethylene Dibromide	107		17.990				ND	
*	74 Chlorobenzene-d5	117	18.884	18.884	0.000	84	394364	10.0	
	75 Chlorobenzene	112		18.948				ND	
	76 Ethylbenzene	91		19.130				ND	U
	78 m-Xylene & p-Xylene	106		19.392				ND	
S	73 Xylenes, Total	106		19.600				ND	7
	79 o-Xylene	106		20.162				ND	
	80 Styrene	104		20.200				ND	
	81 Bromoform	173		20.558				ND	
	82 Isopropylbenzene	105		20.847				ND	
	84 1,1,2,2-Tetrachloroethane	83		21.366				ND	
	85 N-Propylbenzene	91		21.553				ND	7
	89 2-Chlorotoluene	91		21.703				ND	7
	88 4-Ethyltoluene	105		21.751				ND	7
	90 1,3,5-Trimethylbenzene	105		21.842				ND	7
	92 tert-Butylbenzene	119		22.318				ND	
	93 1,2,4-Trimethylbenzene	105		22.404				ND	7
	94 sec-Butylbenzene	105		22.639				ND	7
	96 1,3-Dichlorobenzene	146		22.821				ND	U
	95 4-Isopropyltoluene	119		22.853				ND	7
	97 1,4-Dichlorobenzene	146	22.960	22.960	0.000	1	441	0.0188	
	98 Benzyl chloride	91	23.110	23.105	0.005	1	204	0.009269	
	100 n-Butylbenzene	91		23.409				ND	7
	101 1,2-Dichlorobenzene	146		23.452				ND	7
	103 1,2,4-Trichlorobenzene	180		25.902				ND	7
	104 Hexachlorobutadiene	225		26.138				ND	
	105 Naphthalene	128	26.395	26.389	0.006	1	440	0.0204	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15XISs_00002	Amount Added:	20.00	Units: mL	Run Reagent

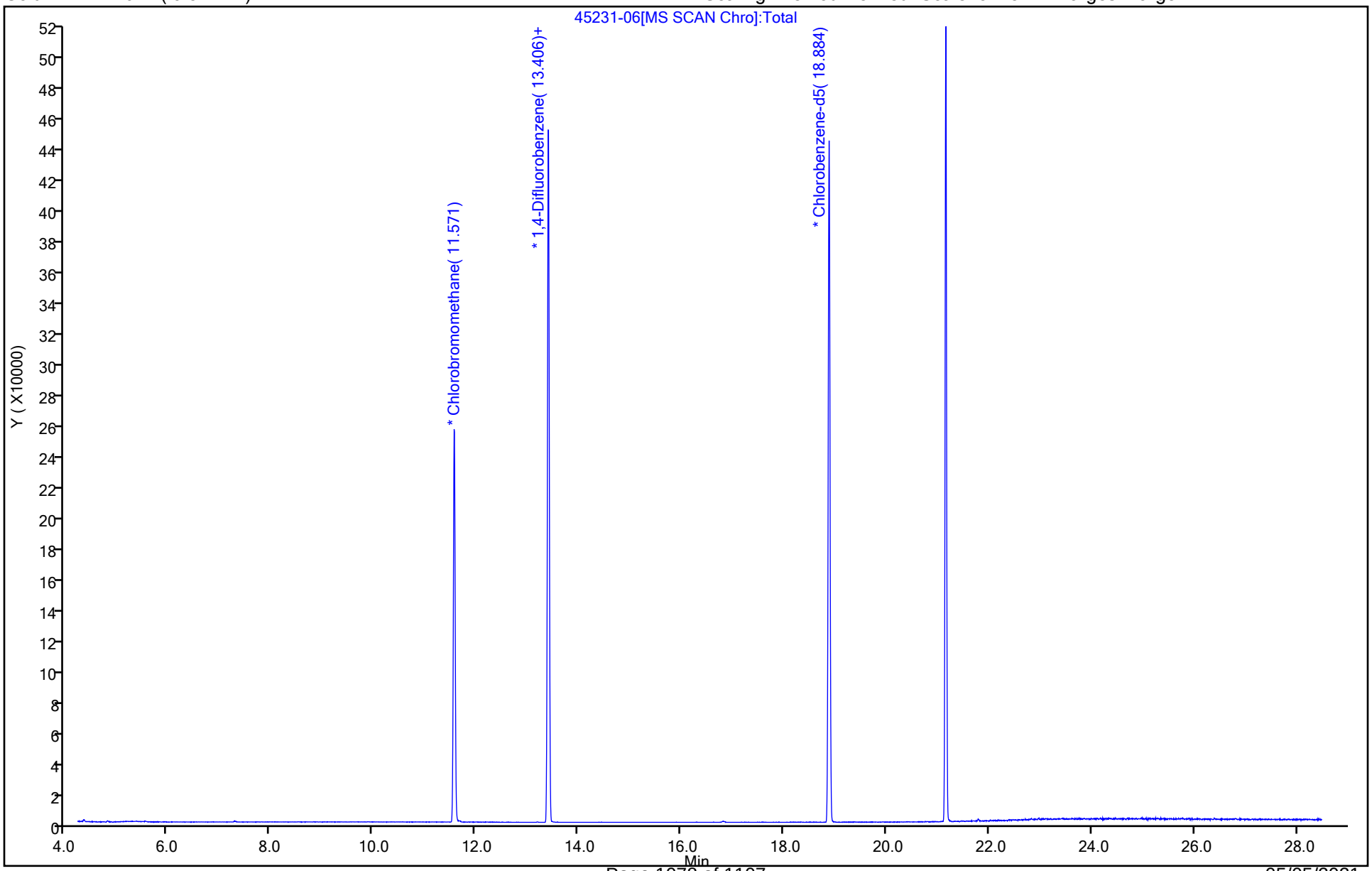
Report Date: 19-Mar-2021 14:19:15 Chrom Revision: 2.3 05-Feb-2021 00:13:28

Eurofins TestAmerica, Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20210319-45231.b\45231-06.D

Injection Date:	19-Mar-2021 12:07:30	Instrument ID:	CHX.i	Operator ID:	ggg
Lims ID:	200-57640-A-12	Lab Sample ID:	200-57640-12	Worklist Smp#:	6
Client ID:	4350				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	5
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



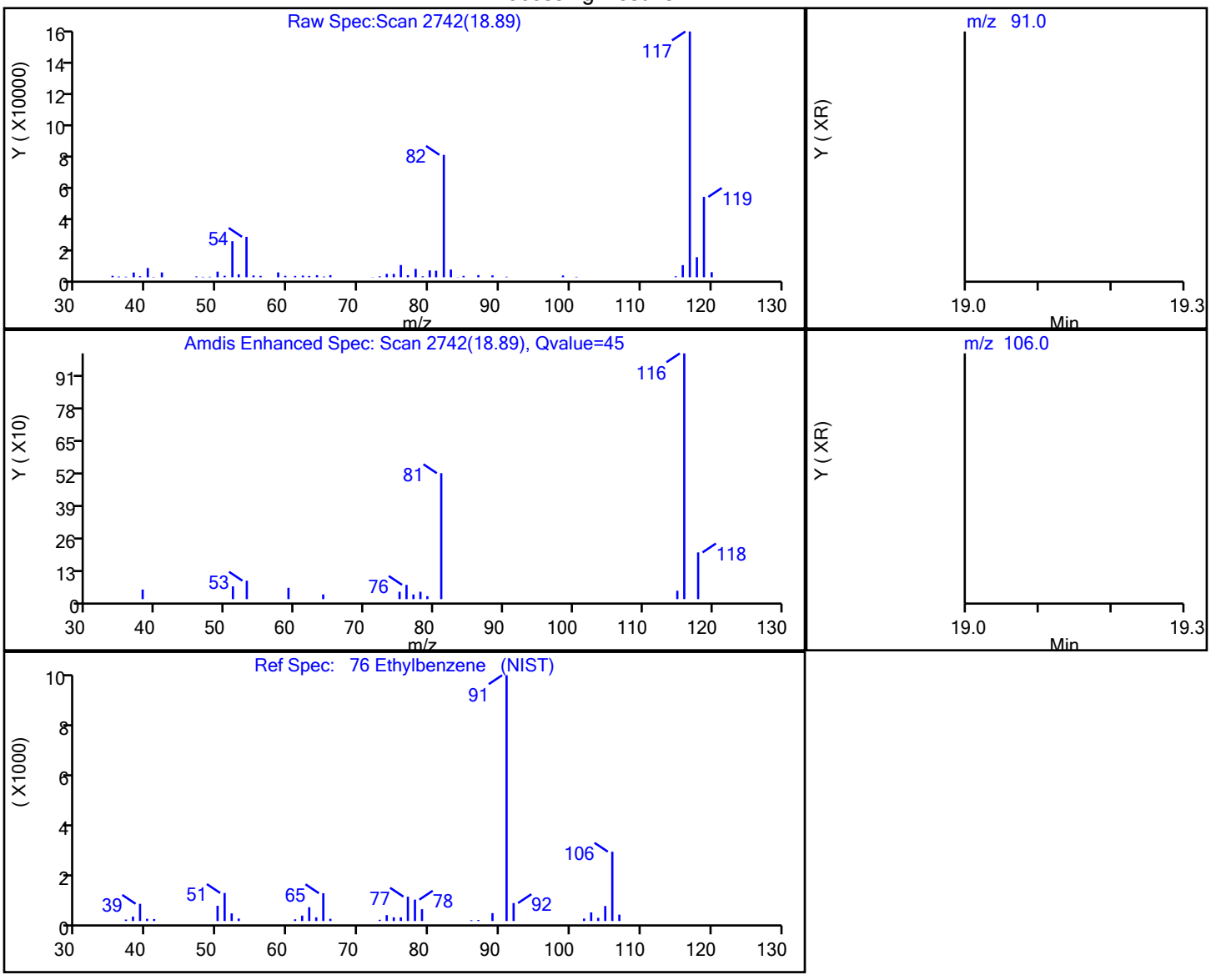
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210319-45231.b\45231-06.D				
Injection Date:	19-Mar-2021 12:07:30	Instrument ID:	CHX.i		
Lims ID:	200-57640-A-12	Lab Sample ID:	200-57640-12		
Client ID:	4350				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
18.89	91.00	566	0.010446
19.13	106.00	0	

Reviewer: bourdeaut, 19-Mar-2021 14:18:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

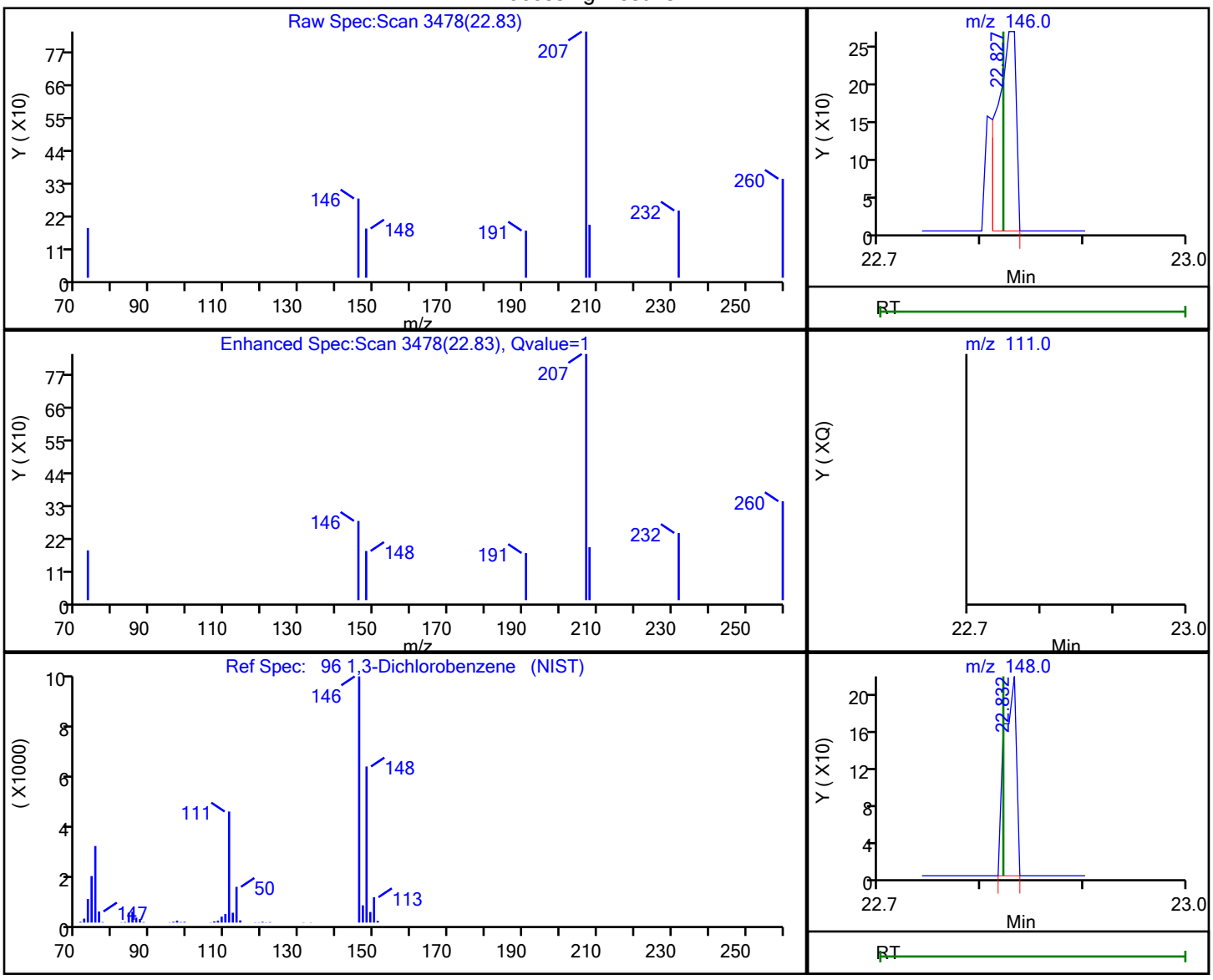
User Disabled Compound Report

Eurofins TestAmerica, Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20210319-45231.b\45231-06.D				
Injection Date:	19-Mar-2021 12:07:30	Instrument ID:	CHX.i		
Lims ID:	200-57640-A-12	Lab Sample ID:	200-57640-12		
Client ID:	4350				
Operator ID:	ggg	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
22.83	146.00	340	0.013086
22.82	111.00	0	
22.83	148.00	178	

Reviewer: bourdeaut, 19-Mar-2021 14:18:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1 Analy Batch No.: 163886

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2021 17:16 Calibration End Date: 02/12/2021 10:27 Calibration ID: 45180

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-163886/4	44792-04.D
Level 2	IC 200-163886/21	44792-21.D
Level 3	IC 200-163886/6	44792-06.D
Level 4	IC 200-163886/7	44792-07.D
Level 5	ICIS 200-163886/8	44792-08.D
Level 6	IC 200-163886/9	44792-09.D
Level 7	IC 200-163886/12	44792-12.D
Level 8	IC 200-163886/13	44792-13.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 1.2016	+++++ 1.1629	+++++ 1.0544	1.3631	1.2539	Ave		1.2072				9.4		30.0			
Dichlorodifluoromethane	+++++ 3.9450	+++++ 3.8216	3.6921 3.4801	3.8527	4.0334	Ave		3.8041				5.2		30.0			
Freon 22	+++++ 2.1830	+++++ 2.0992	2.2744 1.9143	2.4115	2.2812	Ave		2.1940				7.9		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 4.4671	3.6155 4.2990	4.4580 3.9217	4.9325	4.6446	Ave		4.3340				10.2		30.0			
Chloromethane	+++++ 1.2368	+++++ 1.1782	1.2589 1.1035	1.3526	1.2911	Ave		1.2369				7.1		30.0			
n-Butane	+++++ 1.7055	+++++ 1.5712	1.8276 1.4890	1.7598	1.7740	Ave		1.6878				7.8		30.0			
Vinyl chloride	2.2611 1.3666	1.0838 1.2618	1.4037 1.2103	1.3890	1.4086	Ave		1.4231				25.1		30.0			
1,3-Butadiene	1.6913 1.0010	0.7988 0.9393	0.9897 0.9531	1.0658	1.0519	Ave		1.0614				25.2		30.0			
Bromomethane	+++++ 1.3583	1.0484 1.2707	1.3800 1.2334	1.4445	1.4004	Ave		1.3051				10.3		30.0			
Chloroethane	+++++ 0.6171	+++++ 0.5922	0.6421 0.5825	0.6892	0.6580	Ave		0.6302				6.5		30.0			
Isopentane	+++++ 1.0473	0.8500 1.0037	1.1349 0.9811	1.3402	1.1207	Ave		1.0683				14.3		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.3740	0.9637 1.1936	1.2860 1.1622	1.5066	1.3250	Ave		1.2587				13.8		30.0			
Trichlorofluoromethane	+++++ 3.1622	2.3292 3.0088	3.2625 2.8239	3.5463	3.2945	Ave		3.0610				12.9		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1 Analy Batch No.: 163886

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2021 17:16 Calibration End Date: 02/12/2021 10:27 Calibration ID: 45180

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 1.6603	+++++ 1.5786	1.7490 1.5178	1.8521	1.7555	Ave		1.6855				7.4		30.0			
Ethanol	+++++ 0.5051	+++++ 0.4627	0.7354 0.4157	0.6061	0.5919	Ave		0.5528				20.9		30.0			
Ethyl ether	+++++ 0.7458	0.5482 0.7109	0.7299 0.6908	0.8163	0.7863	Ave		0.7183				12.0		30.0			
Acrolein	+++++ 0.3832	+++++ 0.3794	+++++ 0.3716	0.4920	0.4270	Ave		0.4106				12.3		30.0			
1,1-Dichloroethene	1.9661 1.1615	0.8975 1.1234	1.2479 1.0494	1.4108	1.2313	Ave		1.2610				25.5		30.0			
Freon TF	+++++ 2.3963	1.9625 2.3142	2.5179 2.1537	2.9525	2.5631	Ave		2.4086				13.2		30.0			
Acetone	+++++ 1.2649	+++++ 1.2083	+++++ 1.1384	1.8144	1.3977	Ave		1.3647				19.7		30.0			
Isopropyl alcohol	+++++ 1.5135	+++++ 1.4318	1.8895 1.3417	1.7608	1.6005	Ave		1.5896				12.9		30.0			
Carbon disulfide	+++++ 3.1554	+++++ 3.0273	3.2232 2.8599	3.5871	3.3289	Ave		3.1970				7.8		30.0			
Acetonitrile	+++++ 0.5433	+++++ 0.5209	+++++ 0.5058	0.6318	0.5869	Ave		0.5578				9.2		30.0			
3-Chloropropene	+++++ 1.0182	0.6796 0.9730	1.0112 0.9145	1.1633	1.0751	Ave		0.9764				15.6		30.0			
Methylene Chloride	+++++ 0.9467	+++++ 0.9088	0.9981 0.8545	1.1014	1.0090	Ave		0.9697				8.9		30.0			
tert-Butyl alcohol	+++++ 1.9034	+++++ 1.8198	+++++ 1.7248	2.1427	2.1283	Ave		1.9438				9.6		30.0			
Acrylonitrile	+++++ 0.6199	+++++ 0.5900	0.5752 0.5773	0.6876	0.6452	Ave		0.6159				7.2		30.0			
Methyl tert-butyl ether	+++++ 3.1360	2.3367 3.0090	3.0613 2.8139	3.5102	3.3368	Ave		3.0291				12.5		30.0			
trans-1,2-Dichloroethene	+++++ 1.4532	1.1183 1.3961	1.4455 1.2986	1.6342	1.5492	Ave		1.4136				11.9		30.0			
n-Hexane	+++++ 1.4201	1.0863 1.3584	1.4438 1.2800	1.6073	1.5010	Ave		1.3853				12.1		30.0			
Vinyl acetate	+++++ 2.0771	+++++ 1.9824	1.8812 1.8654	2.2697	2.2125	Ave		2.0481				8.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1 Analy Batch No.: 163886

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2021 17:16 Calibration End Date: 02/12/2021 10:27 Calibration ID: 45180

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethane	3.2629 1.8254	1.3888 1.7416	1.8493 1.6222	2.0837	1.9358	Ave		1.9637				28.8		30.0			
Methyl Ethyl Ketone	+++++ 0.5299	0.5632 0.5116	0.4805 0.4952	0.6036	0.5669	Ave		0.5359				8.2		30.0			
cis-1,2-Dichloroethene	2.3629 1.2598	0.9361 1.2050	1.2372 1.1403	1.4121	1.3445	Ave		1.3622				31.5	*	30.0			
Ethyl acetate	+++++ 0.1055	+++++ 0.0986	+++++ 0.0962	0.1134	0.1106	Ave		0.1049				7.1		30.0			
Tetrahydrofuran	+++++ 0.1877	+++++ 0.1786	+++++ 0.1778	0.1970	0.1984	Ave		0.1879				5.2		30.0			
Chloroform	+++++ 2.3987	1.7278 2.3104	2.4673 2.1727	2.6884	2.5484	Ave		2.3305				13.4		30.0			
1,1,1-Trichloroethane	+++++ 0.5460	0.3912 0.5275	0.5387 0.5096	0.5722	0.5727	Ave		0.5226				11.9		30.0			
Cyclohexane	+++++ 0.3301	0.2283 0.3172	0.3186 0.3132	0.3441	0.3448	Ave		0.3138				12.7		30.0			
Carbon tetrachloride	0.9235 0.6027	0.3501 0.5843	0.5810 0.5645	0.6291	0.6308	Ave		0.6082				25.6		30.0			
Benzene	+++++ 0.7292	0.5501 0.7008	0.7241 0.6917	0.7716	0.7675	Ave		0.7050				10.6		30.0			
1,2-Dichloroethane	+++++ 0.2994	0.2133 0.2864	0.2903 0.2800	0.3123	0.3138	Ave		0.2851				12.0		30.0			
2,2,4-Trimethylpentane	+++++ 0.9931	0.7161 0.9495	0.9527 0.9342	1.0475	1.0558	Ave		0.9498				12.0		30.0			
n-Heptane	+++++ 0.3105	0.2321 0.2972	0.3026 0.2903	0.3284	0.3293	Ave		0.2986				11.0		30.0			
n-Butanol	+++++ 0.1486	+++++ 0.1413	+++++ 0.1415	0.1508	0.1627	Ave		0.1490				5.9		30.0			
Trichloroethene	0.5508 0.3373	0.2644 0.3257	0.3250 0.3219	0.3537	0.3579	Ave		0.3546				23.8		30.0			
1,2-Dichloropropane	+++++ 0.2387	0.1755 0.2288	0.2306 0.2247	0.2548	0.2518	Ave		0.2293				11.5		30.0			
Methyl methacrylate	+++++ 0.2496	+++++ 0.2376	0.2015 0.2412	0.2485	0.2587	Ave		0.2395				8.4		30.0			
1,4-Dioxane	+++++ 0.1466	+++++ 0.1379	0.1299 0.1371	0.1617	0.1635	Ave		0.1461				9.5		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1 Analy Batch No.: 163886

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2021 17:16 Calibration End Date: 02/12/2021 10:27 Calibration ID: 45180

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	+++++ 0.4425	0.3240 0.4280	0.4193 0.4178	0.4543	0.4610	Ave		0.4210				10.9		30.0			
Bromodichloromethane	+++++ 0.4919	0.3189 0.4698	0.4360 0.4676	0.4988	0.5130	Ave		0.4566				14.4		30.0			
cis-1,3-Dichloropropene	+++++ 0.4413	0.2800 0.4268	0.3707 0.4298	0.4452	0.4611	Ave		0.4078				15.5		30.0			
methyl isobutyl ketone	+++++ 0.4132	+++++ 0.3967	0.3395 0.3931	0.4192	0.4435	Ave		0.4009				8.8		30.0			
Toluene	+++++ 0.7139	0.5367 0.6810	0.6884 0.6570	0.7167	0.7521	Ave		0.6780				10.2		30.0			
n-Octane	+++++ 0.4281	0.2956 0.4086	0.3966 0.4006	0.4455	0.4551	Ave		0.4043				13.1		30.0			
trans-1,3-Dichloropropene	+++++ 0.3918	0.2200 0.3858	0.3193 0.3891	0.3881	0.4090	Ave		0.3576				18.7		30.0			
1,1,2-Trichloroethane	+++++ 0.3189	0.2380 0.3040	0.3101 0.2967	0.3129	0.3347	Ave		0.3022				10.2		30.0			
Tetrachloroethene	1.1528 0.7298	0.5462 0.6951	0.7434 0.6732	0.7189	0.7588	Ave		0.7523				23.3		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.4850	+++++ 0.4648	0.3418 0.4635	0.4542	0.5115	Ave		0.4535				12.9		30.0			
Dibromochloromethane	+++++ 0.6249	0.3774 0.5795	0.4953 0.5910	0.5913	0.6446	Ave		0.5577				16.6		30.0			
1,2-Dibromoethane	+++++ 0.5732	0.3683 0.5569	0.5046 0.5518	0.5558	0.5949	Ave		0.5294				14.4		30.0			
Chlorobenzene	+++++ 0.9215	0.6835 0.8972	0.8780 0.8768	0.9108	0.9713	Ave		0.8770				10.4		30.0			
Ethylbenzene	+++++ 1.4562	1.0627 1.3939	1.3848 1.3516	1.4373	1.5308	Ave		1.3739				10.8		30.0			
m,p-Xylene	+++++ 0.5846	0.4210 0.5613	0.5348 0.5318	0.5855	0.6191	Ave		0.5483				11.7		30.0			
n-Nonane	+++++ 0.5383	0.3855 0.5163	0.5258 0.4912	0.5434	0.5789	Ave		0.5113				12.0		30.0			
Xylene, o-	+++++ 0.5379	0.3869 0.5145	0.5021 0.4903	0.5308	0.5697	Ave		0.5046				11.5		30.0			
Styrene	+++++ 0.8187	0.4489 0.8024	0.6286 0.7928	0.7503	0.8413	Ave		0.7261				19.4		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1 Analy Batch No.: 163886

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2021 17:16 Calibration End Date: 02/12/2021 10:27 Calibration ID: 45180

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromoform	+++++ 0.2441	0.1284 0.2010	0.1357 0.2388	0.2247	0.2538	Ave		0.2038				25.4		30.0			
Cumene	+++++ 1.5323	1.0840 1.4727	1.4541 1.4052	1.5243	1.6266	Ave		1.4427				12.0		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6937	0.4664 0.6711	0.6524 0.6466	0.6862	0.7418	Ave		0.6512				13.4		30.0			
1,2,3-Trichloropropane	+++++ 0.5113	0.3771 0.4959	0.4900 0.4839	0.5012	0.5426	Ave		0.4860				10.6		30.0			
n-Propylbenzene	+++++ 1.5541	1.0988 1.5045	1.4653 1.4786	1.5379	1.6511	Ave		1.4701				11.9		30.0			
2-Chlorotoluene	+++++ 1.0307	0.7207 0.9906	0.9800 0.9586	0.9999	1.0865	Ave		0.9667				12.0		30.0			
4-Ethyltoluene	+++++ 1.3435	0.9035 1.2944	1.2454 1.2797	1.3323	1.4154	Ave		1.2592				13.2		30.0			
1,3,5-Trimethylbenzene	+++++ 1.2090	0.8592 1.1617	1.1621 1.1102	1.2186	1.2971	Ave		1.1454				12.1		30.0			
n-Decane	+++++ 0.6202	0.4144 0.5907	0.5913 0.5782	0.6254	0.6685	Ave		0.5841				13.8		30.0			
Alpha Methyl Styrene	+++++ 0.5489	0.2823 0.5351	0.4015 0.5486	0.4923	0.5648	Ave		0.4819				21.6		30.0			
tert-Butylbenzene	+++++ 1.6069	1.0813 1.5498	1.5409 1.4487	1.6039	1.7479	Ave		1.5113				13.9		30.0			
1,2,4-Trimethylbenzene	+++++ 1.0851	0.7584 1.0389	1.0421 1.0248	1.0908	1.1583	Ave		1.0284				12.4		30.0			
sec-Butylbenzene	+++++ 1.8689	1.2571 1.8072	1.7991 1.7265	1.8753	2.0166	Ave		1.7644				13.7		30.0			
1,3-Dichlorobenzene	+++++ 0.7033	0.4891 0.6932	0.6123 0.7066	0.6692	0.7381	Ave		0.6588				12.8		30.0			
4-Isopropyltoluene	+++++ 1.4760	0.9816 1.4282	1.3923 1.3902	1.4834	1.5796	Ave		1.3902				13.8		30.0			
1,4-Dichlorobenzene	+++++ 0.6400	0.4380 0.6362	0.5452 0.6716	0.5906	0.6529	Ave		0.5964				13.7		30.0			
Benzyl chloride	+++++ 0.6321	0.2929 0.6553	0.4292 0.6983	0.5497	0.6490	Ave		0.5581				26.4		30.0			
n-Butylbenzene	+++++ 0.9704	0.6504 0.9418	0.9016 0.9500	0.9639	1.0238	Ave		0.9146				13.4		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1 Analy Batch No.: 163886

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2021 17:16 Calibration End Date: 02/12/2021 10:27 Calibration ID: 45180

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 0.6636	0.4700 0.6485	0.6313 0.6494	0.6471	0.7027	Ave		0.6304				11.8		30.0			
n-Undecane	+++++ 0.6326	+++++ 0.5506	+++++ 0.6139	0.6051	0.6675	Ave		0.6139				7.0		30.0			
n-Dodecane	+++++ 0.5683	+++++ 0.3219	+++++ 0.5948	0.5196	0.5892	Ave		0.5188				22.0		30.0			
1,2,4-Trichlorobenzene	+++++ 0.3041	+++++ 0.2742	0.2574 0.3468	0.2785	0.3099	Ave		0.2951				10.8		30.0			
Hexachlorobutadiene	+++++ 1.0597	0.6740 1.0170	1.0004 1.0182	1.0492	1.1544	Ave		0.9961				15.1		30.0			
Naphthalene	+++++ 0.5681	+++++ 0.4362	0.5440 0.6745	0.5000	0.5665	Ave		0.5482				14.5		30.0			
1,2,3-Trichlorobenzene	+++++ 0.3311	+++++ 0.2826	0.3516 0.3660	0.3206	0.3474	Ave		0.3332				8.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1 Analy Batch No.: 163886

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2021 17:16 Calibration End Date: 02/12/2021 10:27 Calibration ID: 45180

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-163886/4	44792-04.D
Level 2	IC 200-163886/21	44792-21.D
Level 3	IC 200-163886/6	44792-06.D
Level 4	IC 200-163886/7	44792-07.D
Level 5	ICIS 200-163886/8	44792-08.D
Level 6	IC 200-163886/9	44792-09.D
Level 7	IC 200-163886/12	44792-12.D
Level 8	IC 200-163886/13	44792-13.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 186037	+++++ 234521	+++++ 466410	50317	118656	+++++ 15.5	+++++ 20.6	+++++ 41.3	4.64	10.3
Dichlorodifluoromethane	BCM	Ave	+++++ 617894	+++++ 779666	15895 1557317	143869	386100	+++++ 15.7	+++++ 20.9	0.470 41.8	4.69	10.4
Freon 22	BCM	Ave	+++++ 343234	+++++ 429918	9829 859939	90398	219210	+++++ 15.7	+++++ 21.0	0.472 41.9	4.71	10.5
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 697667	13152 874538	19137 1749898	183664	443332	+++++ 15.6	0.188 20.8	0.469 41.6	4.68	10.4
Chloromethane	BCM	Ave	+++++ 202621	+++++ 251421	5669 516528	52831	129279	+++++ 16.4	+++++ 21.8	0.492 43.7	4.91	10.9
n-Butane	BCM	Ave	+++++ 265083	+++++ 318091	7808 661204	65212	168516	+++++ 15.5	+++++ 20.7	0.467 41.4	4.66	10.4
Vinyl chloride	BCM	Ave	630 213026	3935 256195	6014 539016	51619	134193	0.0364 15.6	0.187 20.8	0.468 41.6	4.67	10.4
1,3-Butadiene	BCM	Ave	459 151981	2825 185759	4130 413417	38581	97612	0.0355 15.2	0.183 20.2	0.456 40.5	4.55	10.1
Bromomethane	BCM	Ave	+++++ 210105	3777 256008	5867 545049	53270	132382	+++++ 15.5	0.186 20.6	0.464 41.2	4.63	10.3
Chloroethane	BCM	Ave	+++++ 96185	+++++ 120236	2751 259429	25614	62690	+++++ 15.6	+++++ 20.8	0.468 41.6	4.67	10.4
Isopentane	BCM	Ave	+++++ 164030	3101 204762	4886 439051	50045	107277	+++++ 15.7	0.188 20.9	0.470 41.8	4.69	10.4
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 214802	3509 243047	5526 519088	56152	126598	+++++ 15.6	0.188 20.8	0.469 41.7	4.68	10.4
Trichlorofluoromethane	BCM	Ave	+++++ 500981	8595 620899	14207 1278197	133950	318992	+++++ 15.8	0.190 21.1	0.476 42.2	4.74	10.6

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1 Analy Batch No.: 163886

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2021 17:16 Calibration End Date: 02/12/2021 10:27 Calibration ID: 45180

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Pentane	BCM	Ave	+++++ 252326	+++++ 312494	7306 659020	67109	163059	+++++ 15.2	+++++ 20.3	0.456 40.5	4.55	10.1
Ethanol	BCM	Ave	+++++ 101248	+++++ 180871	30364 445425	43388	81441	+++++ 20.0	+++++ 40.0	4.51 100.0	8.99	15.0
Ethyl ether	BCM	Ave	+++++ 112783	1931 140028	3034 298458	29433	72676	+++++ 15.1	0.182 20.2	0.454 40.3	4.53	10.1
Acrolein	BCM	Ave	+++++ 55875	+++++ 72067	+++++ 154806	17107	38056	+++++ 14.6	+++++ 19.4	+++++ 38.9	4.37	9.72
1,1-Dichloroethene	BCM	Ave	542 179137	3224 225681	5290 462387	51875	116060	0.0361 15.4	0.185 20.6	0.463 41.1	4.62	10.3
Freon TF	BCM	Ave	+++++ 377117	7194 474402	10892 968367	110784	246535	+++++ 15.7	0.189 21.0	0.472 42.0	4.71	10.5
Acetone	BCM	Ave	+++++ 194324	+++++ 241796	+++++ 499654	66456	131238	+++++ 15.4	+++++ 20.5	+++++ 41.0	4.60	10.2
Isopropyl alcohol	BCM	Ave	+++++ 232062	+++++ 285947	7963 587751	64369	149984	+++++ 15.3	+++++ 20.4	0.460 40.9	4.59	10.2
Carbon disulfide	BCM	Ave	+++++ 480964	+++++ 601061	13504 1245473	130360	310121	+++++ 15.2	+++++ 20.3	0.458 40.6	4.57	10.2
Acetonitrile	BCM	Ave	+++++ 80695	+++++ 100774	+++++ 214650	22373	53279	+++++ 14.9	+++++ 19.8	+++++ 39.6	4.45	9.90
3-Chloropropene	BCM	Ave	+++++ 162679	2529 202501	4441 417477	44313	104990	+++++ 16.0	0.192 21.3	0.480 42.6	4.79	10.6
Methylene Chloride	BCM	Ave	+++++ 146002	+++++ 182569	4231 376527	40498	95107	+++++ 15.4	+++++ 20.6	0.463 41.1	4.62	10.3
tert-Butyl alcohol	BCM	Ave	+++++ 307839	+++++ 383369	+++++ 796980	82621	210369	+++++ 16.2	+++++ 21.6	+++++ 43.1	4.84	10.8
Acrylonitrile	BCM	Ave	+++++ 94027	+++++ 116564	2398 250185	24866	59813	+++++ 15.2	+++++ 20.2	0.455 40.4	4.54	10.1
Methyl tert-butyl ether	BCM	Ave	+++++ 491652	8533 614469	13192 1260415	131205	319725	+++++ 15.7	0.189 20.9	0.471 41.8	4.70	10.4
trans-1,2-Dichloroethene	BCM	Ave	+++++ 222382	3986 278271	6080 567741	59622	144894	+++++ 15.3	0.184 20.4	0.459 40.8	4.58	10.2
n-Hexane	BCM	Ave	+++++ 225617	4020 281108	6305 581042	60882	145746	+++++ 15.9	0.191 21.2	0.477 42.4	4.76	10.6
Vinyl acetate	BCM	Ave	+++++ 323778	+++++ 402509	8060 830755	84350	210785	+++++ 15.6	+++++ 20.8	0.468 41.6	4.67	10.4

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1 Analy Batch No.: 163886

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2021 17:16 Calibration End Date: 02/12/2021 10:27 Calibration ID: 45180

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1-Dichloroethane	BCM	Ave	875 273852	4853 340341	7626 695338	74531	177500	0.0351 15.0	0.180 20.0	0.450 40.0	4.49	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 82196	2035 103379	2049 219488	22324	53750	+++++ 15.5	0.187 20.7	0.466 41.4	4.65	10.3
cis-1,2-Dichloroethene	BCM	Ave	640 190889	3304 237830	5153 493649	51014	124512	0.0354 15.2	0.182 20.2	0.455 40.4	4.54	10.1
Ethyl acetate	BCM	Ave	+++++ 16027	+++++ 19523	+++++ 41790	4109	10272	+++++ 15.2	+++++ 20.3	+++++ 40.5	4.55	10.1
Tetrahydrofuran	DFBZ	Ave	+++++ 134029	+++++ 166484	+++++ 351377	35682	87621	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.49	9.99
Chloroform	BCM	Ave	+++++ 363465	6098 456018	10276 940605	97122	236004	+++++ 15.2	0.182 20.2	0.455 40.4	4.54	10.1
1,1,1-Trichloroethane	DFBZ	Ave	+++++ 397642	6743 501606	11066 1027408	105730	258043	+++++ 15.3	0.184 20.4	0.459 40.8	4.58	10.2
Cyclohexane	DFBZ	Ave	+++++ 239444	3920 300465	6519 629013	63330	154744	+++++ 15.2	0.183 20.3	0.457 40.6	4.56	10.1
Carbon tetrachloride	DFBZ	Ave	1325 437701	6016 553978	11899 1134745	115886	283398	0.0356 15.2	0.183 20.3	0.458 40.6	4.57	10.2
Benzene	DFBZ	Ave	+++++ 538369	9612 675534	15078 1413723	144518	350559	+++++ 15.5	0.186 20.7	0.465 41.3	4.64	10.3
1,2-Dichloroethane	DFBZ	Ave	+++++ 221708	3738 276886	6063 573877	58660	143740	+++++ 15.5	0.187 20.7	0.467 41.4	4.66	10.4
2,2,4-Trimethylpentane	DFBZ	Ave	+++++ 743155	12682 927778	20107 1935262	198864	488775	+++++ 15.7	0.189 20.9	0.472 41.9	4.70	10.5
n-Heptane	DFBZ	Ave	+++++ 233222	4125 291469	6411 603761	62573	153046	+++++ 15.8	0.190 21.0	0.473 42.0	4.72	10.5
n-Butanol	DFBZ	Ave	+++++ 101444	+++++ 125949	+++++ 267396	26117	68691	+++++ 14.3	+++++ 19.1	+++++ 38.2	4.29	9.55
Trichloroethene	DFBZ	Ave	819 253832	4709 320094	6899 670683	67532	166620	0.0369 15.8	0.190 21.1	0.474 42.1	4.73	10.5
1,2-Dichloropropane	DFBZ	Ave	+++++ 175917	3061 220164	4793 458461	47627	114799	+++++ 15.5	0.186 20.6	0.464 41.2	4.63	10.3
Methyl methacrylate	DFBZ	Ave	+++++ 181289	+++++ 225243	4127 484933	45785	116219	+++++ 15.2	+++++ 20.3	0.458 40.6	4.57	10.2
1,4-Dioxane	DFBZ	Ave	+++++ 110888	+++++ 136145	2771 287065	31028	76478	+++++ 15.9	+++++ 21.2	0.477 42.3	4.75	10.6

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1 Analy Batch No.: 163886

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2021 17:16 Calibration End Date: 02/12/2021 10:27 Calibration ID: 45180

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dibromomethane	DFBZ	Ave	+++++ 325773	5645 411416	8706 851417	84846	209978	+++++ 15.5	0.186 20.6	0.464 41.2	4.63	10.3
Bromodichloromethane	DFBZ	Ave	+++++ 371659	5701 463388	9290 977980	95606	239766	+++++ 15.9	0.191 21.1	0.476 42.3	4.75	10.6
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 327755	4920 413869	7764 883669	83863	211824	+++++ 15.6	0.187 20.8	0.468 41.6	4.67	10.4
methyl isobutyl ketone	DFBZ	Ave	+++++ 302413	+++++ 379130	7007 796447	77841	200790	+++++ 15.4	+++++ 20.5	0.461 41.0	4.60	10.2
Toluene	CBNZ d5	Ave	+++++ 409556	6991 515967	10736 1084982	108271	267874	+++++ 15.2	0.183 20.3	0.458 40.6	4.57	10.2
n-Octane	DFBZ	Ave	+++++ 316048	5165 393871	8259 818857	83440	207891	+++++ 15.5	0.186 20.7	0.465 41.3	4.64	10.3
trans-1,3-Dichloropropene	DFBZ	Ave	+++++ 276646	3676 355725	6360 760572	69529	178688	+++++ 14.8	0.178 19.8	0.445 39.5	4.44	9.88
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 188673	3198 237564	4989 505414	48758	122958	+++++ 15.7	0.189 21.0	0.472 41.9	4.71	10.5
Tetrachloroethene	CBNZ d5	Ave	1430 432660	7352 544274	11982 1148925	112240	279311	0.0368 15.8	0.189 21.0	0.473 42.0	4.72	10.5
Methyl Butyl Ketone (2-Hexanone)	CBNZ d5	Ave	+++++ 273548	+++++ 346287	5242 752651	67465	179122	+++++ 15.0	+++++ 20.0	0.450 40.0	4.49	9.99
Dibromochloromethane	CBNZ d5	Ave	+++++ 341524	4683 418287	7360 929928	85113	218751	+++++ 14.5	0.175 19.4	0.436 38.7	4.35	9.68
1,2-Dibromoethane	CBNZ d5	Ave	+++++ 343386	5010 440631	8218 951637	87690	221277	+++++ 15.9	0.191 21.2	0.478 42.4	4.77	10.6
Chlorobenzene	CBNZ d5	Ave	+++++ 545798	9192 701827	14137 1495082	142076	357174	+++++ 15.7	0.189 21.0	0.472 42.0	4.71	10.5
Ethylbenzene	CBNZ d5	Ave	+++++ 840314	13924 1062313	21723 2245359	218431	548464	+++++ 15.3	0.184 20.4	0.460 40.9	4.59	10.2

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1 Analy Batch No.: 163886

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2021 17:16 Calibration End Date: 02/12/2021 10:27 Calibration ID: 45180

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
m,p-Xylene	CBNZ d5	Ave	+++++ 678667	11096 860611	16877 1777198	178993	446203	+++++ 30.8	0.371 41.1	0.926 82.2	9.24	20.6
n-Nonane	CBNZ d5	Ave	+++++ 318553	5180 403508	8458 836742	84674	212670	+++++ 15.7	0.189 21.0	0.472 41.9	4.71	10.5
Xylene, o-	CBNZ d5	Ave	+++++ 314665	5139 397522	7985 825645	81769	206916	+++++ 15.5	0.187 20.7	0.467 41.4	4.66	10.4
Styrene	CBNZ d5	Ave	+++++ 477076	5939 617507	9957 1329832	115138	304368	+++++ 15.5	0.186 20.6	0.465 41.3	4.64	10.3
Bromoform	CBNZ d5	Ave	+++++ 141801	1694 154220	2144 399458	34376	91571	+++++ 15.4	0.186 20.6	0.463 41.2	4.62	10.3
Cumene	CBNZ d5	Ave	+++++ 902355	14494 1145465	23280 2382366	236405	594767	+++++ 15.6	0.188 20.9	0.470 41.7	4.69	10.4
1,1,2,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 404982	6183 517475	10354 1086664	105510	268894	+++++ 15.5	0.187 20.7	0.466 41.4	4.65	10.3
1,2,3-Trichloropropane	CBNZ d5	Ave	+++++ 305728	5119 391643	7965 833038	78931	201448	+++++ 15.9	0.191 21.2	0.477 42.4	4.76	10.6
n-Propylbenzene	CBNZ d5	Ave	+++++ 912603	14650 1166856	23392 2499600	237834	601981	+++++ 15.6	0.188 20.8	0.468 41.6	4.67	10.4
2-Chlorotoluene	CBNZ d5	Ave	+++++ 607581	9646 771213	15705 1626735	155221	397666	+++++ 15.7	0.188 20.9	0.470 41.8	4.69	10.4
4-Ethyltoluene	CBNZ d5	Ave	+++++ 783619	11965 997135	19748 2148670	204653	512580	+++++ 15.5	0.186 20.7	0.465 41.3	4.64	10.3
1,3,5-Trimethylbenzene	CBNZ d5	Ave	+++++ 709230	11445 900070	18534 1874947	188266	472456	+++++ 15.6	0.187 20.8	0.468 41.6	4.67	10.4

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1 Analy Batch No.: 163886

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2021 17:16 Calibration End Date: 02/12/2021 10:27 Calibration ID: 45180

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Decane	CBNZ d5	Ave	+++++	5536	9457	96897	244179	+++++	0.188	0.469	4.68	10.4
			364883	458972	979371			15.6	20.8	41.7		
Alpha Methyl Styrene	CBNZ d5	Ave	+++++	3691	6286	74665	201969	+++++	0.184	0.459	4.58	10.2
			316103	406994	909606			15.3	20.4	40.8		
tert-Butylbenzene	CBNZ d5	Ave	+++++	14361	24503	247078	634803	+++++	0.187	0.467	4.66	10.4
			939952	1197302	2439485			15.5	20.7	41.4		
1,2,4-Trimethylbenzene	CBNZ d5	Ave	+++++	10112	16636	168689	422318	+++++	0.188	0.468	4.67	10.4
			637180	805754	1732439			15.6	20.8	41.6		
sec-Butylbenzene	CBNZ d5	Ave	+++++	16858	28886	291677	739462	+++++	0.189	0.471	4.70	10.5
			1103754	1409667	2935497			15.7	20.9	41.8		
1,3-Dichlorobenzene	CBNZ d5	Ave	+++++	6634	9944	105278	273763	+++++	0.191	0.477	4.75	10.6
			420142	546907	1215215			15.9	21.2	42.3		
4-Isopropyltoluene	CBNZ d5	Ave	+++++	12974	22033	227409	570929	+++++	0.186	0.464	4.63	10.3
			859247	1098076	2329809			15.5	20.6	41.2		
1,4-Dichlorobenzene	CBNZ d5	Ave	+++++	5879	8762	91951	239649	+++++	0.189	0.472	4.70	10.5
			378369	496693	1143018			15.7	20.9	41.9		
Benzyl chloride	CBNZ d5	Ave	+++++	3973	6970	86479	240716	+++++	0.191	0.477	4.75	10.6
			377611	517029	1200909			15.9	21.2	42.3		
n-Butylbenzene	CBNZ d5	Ave	+++++	8663	14379	148927	372899	+++++	0.187	0.468	4.67	10.4
			569287	729722	1604329			15.6	20.8	41.6		
1,2-Dichlorobenzene	CBNZ d5	Ave	+++++	6291	10117	100457	257168	+++++	0.188	0.470	4.69	10.4
			391180	504870	1101968			15.7	20.9	41.8		
n-Undecane	CBNZ d5	Ave	+++++	+++++	+++++	94119	244768	+++++	+++++	+++++	4.70	10.5
			373588	429512	1043781			15.7	20.9	41.8		

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1 Analy Batch No.: 163886

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2021 17:16 Calibration End Date: 02/12/2021 10:27 Calibration ID: 45180

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Dodecane	CBNZ d5	Ave	+++++ 300347	+++++ 224717	+++++ 904908	72320	193346	+++++ 14.0	+++++ 18.7	+++++ 37.4	4.21	9.36
1,2,4-Trichlorobenzene	CBNZ d5	Ave	+++++ 186475	+++++ 222077	4291 612104	44976	117976	+++++ 16.3	+++++ 21.7	0.489 43.4	4.88	10.9
Hexachlorobutadiene	CBNZ d5	Ave	+++++ 613867	8865 778135	15755 1698139	160075	415200	+++++ 15.4	0.185 20.5	0.462 41.0	4.61	10.3
Naphthalene	CBNZ d5	Ave	+++++ 311780	+++++ 316164	8116 1065651	72271	193031	+++++ 14.6	+++++ 19.4	0.438 38.9	4.37	9.72
1,2,3-Trichlorobenzene	CBNZ d5	Ave	+++++ 170509	+++++ 192192	4922 542554	43474	111061	+++++ 13.7	+++++ 18.2	0.411 36.5	4.10	9.12

Curve Type Legend
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Lab Sample ID: ICV 200-163932/2 Calibration Date: 02/12/2021 12:59

Instrument ID: CHX.i Calib Start Date: 02/11/2021 17:16

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/12/2021 10:27

Lab File ID: 44806-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.207	1.296		10.9	10.1	7.4	30.0
Dichlorodifluoromethane	Ave	3.804	3.842		10.7	10.6	1.0	30.0
Freon 22	Ave	2.194	2.267		10.9	10.6	3.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.334	4.602		11.2	10.6	6.2	30.0
Chloromethane	Ave	1.237	1.404		11.3	9.94	13.5	30.0
n-Butane	Ave	1.688	1.724		10.5	10.3	2.2	30.0
Vinyl chloride	Ave	1.423	1.434		10.1	9.99	0.8	30.0
1,3-Butadiene	Ave	1.061	1.072		9.80	9.70	1.0	30.0
Bromomethane	Ave	1.305	1.384		11.0	10.4	6.1	30.0
Chloroethane	Ave	0.6302	0.6361		10.7	10.6	0.9	30.0
Isopentane	Ave	1.068	1.087		10.6	10.4	1.7	30.0
Bromoethene(Vinyl Bromide)	Ave	1.259	1.474		11.8	10.0	17.1	30.0
Trichlorofluoromethane	Ave	3.061	3.382		11.5	10.4	10.5	30.0
n-Pentane	Ave	1.686	1.727		10.5	10.2	2.5	30.0
Ethanol	Ave	0.5528	0.5728		15.5	15.0	3.6	30.0
Ethyl ether	Ave	0.7183	0.7669		10.9	10.2	6.8	30.0
Acrolein	Ave	0.4106	0.4139		9.78	9.71	0.8	30.0
1,1-Dichloroethene	Ave	1.261	1.312		10.6	10.2	4.1	30.0
Freon TF	Ave	2.409	2.666		11.8	10.7	10.7	30.0
Acetone	Ave	1.365	1.437		11.0	10.4	5.3	30.0
Isopropyl alcohol	Ave	1.590	1.665		10.6	10.2	4.7	30.0
Carbon disulfide	Ave	3.197	3.289		10.7	10.4	2.9	30.0
Acetonitrile	Ave	0.5578	0.5936		10.3	9.72	6.4	30.0
3-Chloropropene	Ave	0.9764	1.061		11.7	10.7	8.7	30.0
Methylene Chloride	Ave	0.9697	1.014		10.7	10.2	4.6	30.0
tert-Butyl alcohol	Ave	1.944	2.048		11.4	10.8	5.4	30.0
Acrylonitrile	Ave	0.6159	0.6473		10.7	10.2	5.1	30.0
Methyl tert-butyl ether	Ave	3.029	3.289		11.5	10.6	8.6	30.0
trans-1,2-Dichloroethene	Ave	1.414	1.516		11.1	10.3	7.2	30.0
n-Hexane	Ave	1.385	1.521		11.5	10.5	9.8	30.0
Vinyl acetate	Ave	2.048	2.248		11.1	10.1	9.8	30.0
1,1-Dichloroethane	Ave	1.964	1.888		9.87	10.3	-3.9	30.0
Methyl Ethyl Ketone	Ave	0.5359	0.5597		10.8	10.4	4.5	30.0
cis-1,2-Dichloroethene	Ave	1.362	1.290		9.82	10.4	-5.3	30.0
Ethyl acetate	Ave	0.1049	0.1107		10.8	10.2	5.5	30.0
Tetrahydrofuran	Ave	0.1879	0.1993		10.4	9.81	6.1	30.0
Chloroform	Ave	2.331	2.474		11.0	10.3	6.1	30.0
1,1,1-Trichloroethane	Ave	0.5226	0.5656		11.2	10.3	8.2	30.0
Cyclohexane	Ave	0.3138	0.3447		11.2	10.2	9.9	30.0
Carbon tetrachloride	Ave	0.6082	0.6371		10.5	10.0	4.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Lab Sample ID: ICV 200-163932/2 Calibration Date: 02/12/2021 12:59

Instrument ID: CHX.i Calib Start Date: 02/11/2021 17:16

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/12/2021 10:27

Lab File ID: 44806-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.7050	0.7619		11.2	10.4	8.1	30.0
1,2-Dichloroethane	Ave	0.2851	0.3088		11.3	10.5	8.3	30.0
2,2,4-Trimethylpentane	Ave	0.9498	1.079		11.5	10.1	13.6	30.0
n-Heptane	Ave	0.2986	0.3322		11.5	10.3	11.2	30.0
n-Butanol	Ave	0.1490	0.1609		9.84	9.11	8.0	30.0
Trichloroethene	Ave	0.3546	0.3664		10.6	10.3	3.3	30.0
1,2-Dichloropropane	Ave	0.2293	0.2491		11.2	10.3	8.6	30.0
Methyl methacrylate	Ave	0.2395	0.2524		10.8	10.2	5.4	30.0
1,4-Dioxane	Ave	0.1461	0.1619		11.4	10.3	10.8	30.0
Dibromomethane	Ave	0.4210	0.4559		11.2	10.3	8.3	30.0
Bromodichloromethane	Ave	0.4566	0.5226		11.8	10.3	14.5	30.0
cis-1,3-Dichloropropene	Ave	0.4078	0.4727		11.5	9.94	15.9	30.0
methyl isobutyl ketone	Ave	0.4009	0.4301		10.9	10.2	7.3	30.0
Toluene	Ave	0.6780	0.7741		11.6	10.2	14.2	30.0
n-Octane	Ave	0.4043	0.4423		11.3	10.3	9.4	30.0
trans-1,3-Dichloropropene	Ave	0.3576	0.3999		11.0	9.85	11.8	30.0
1,1,2-Trichloroethane	Ave	0.3022	0.3421		11.9	10.5	13.2	30.0
Tetrachloroethene	Ave	0.7523	0.7922		11.0	10.5	5.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4535	0.5033		11.2	10.1	11.0	30.0
Dibromochloromethane	Ave	0.5577	0.6041		11.5	10.6	8.3	30.0
1,2-Dibromoethane	Ave	0.5294	0.6034		12.1	10.7	14.0	30.0
Chlorobenzene	Ave	0.8770	0.9825		11.8	10.5	12.0	30.0
Ethylbenzene	Ave	1.374	1.571		11.7	10.2	14.3	30.0
m,p-Xylene	Ave	0.5483	0.6498		23.7	20.0	18.5	30.0
n-Nonane	Ave	0.5113	0.5885		12.0	10.5	15.1	30.0
Xylene, o-	Ave	0.5046	0.5796		11.9	10.4	14.9	30.0
Styrene	Ave	0.7261	0.8574		12.1	10.3	18.1	30.0
Bromoform	Ave	0.2038	0.2540		12.8	10.3	24.7	30.0
Cumene	Ave	1.443	1.661		12.0	10.5	15.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6512	0.7421		11.8	10.3	14.0	30.0
1,2,3-Trichloropropane	Ave	0.4860	0.5447		11.9	10.6	12.1	30.0
n-Propylbenzene	Ave	1.470	1.680		11.8	10.4	14.3	30.0
2-Chlorotoluene	Ave	0.9667	1.113		12.0	10.4	15.2	30.0
4-Ethyltoluene	Ave	1.259	1.445		11.8	10.2	14.7	30.0
1,3,5-Trimethylbenzene	Ave	1.145	1.303		11.9	10.5	13.7	30.0
n-Decane	Ave	0.5841	0.6746		11.9	10.3	15.5	30.0
Alpha Methyl Styrene	Ave	0.4819	0.5688		12.0	10.2	18.0	30.0
tert-Butylbenzene	Ave	1.511	1.731		11.9	10.4	14.5	30.0
1,2,4-Trimethylbenzene	Ave	1.028	1.170		11.9	10.4	13.8	30.0
sec-Butylbenzene	Ave	1.764	2.022		12.0	10.5	14.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Lab Sample ID: ICV 200-163932/2 Calibration Date: 02/12/2021 12:59

Instrument ID: CHX.i Calib Start Date: 02/11/2021 17:16

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/12/2021 10:27

Lab File ID: 44806-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	0.6588	0.7686		11.9	10.2	16.7	30.0
4-Isopropyltoluene	Ave	1.390	1.560		11.8	10.5	12.2	30.0
1,4-Dichlorobenzene	Ave	0.5964	0.6600		11.5	10.4	10.7	30.0
Benzyl chloride	Ave	0.5581	0.6725		12.2	10.2	20.5	30.0
n-Butylbenzene	Ave	0.9146	1.013		11.6	10.5	10.8	30.0
1,2-Dichlorobenzene	Ave	0.6304	0.6821		11.6	10.8	8.2	30.0
n-Undecane	Ave	0.6139	0.6431		11.2	10.7	4.8	30.0
n-Dodecane	Ave	0.5188	0.5079		10.4	10.6	-2.1	30.0
1,2,4-Trichlorobenzene	Ave	0.2951	0.3042		11.3	11.0	3.1	30.0
Hexachlorobutadiene	Ave	0.996	1.087		11.8	10.8	9.1	30.0
Naphthalene	Ave	0.5482	0.5344		10.2	10.5	-2.5	30.0
1,2,3-Trichlorobenzene	Ave	0.3332	0.2980		9.71	10.9	-10.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Lab Sample ID: CCVIS 200-164985/3 Calibration Date: 03/19/2021 09:27

Instrument ID: CHX.i Calib Start Date: 02/11/2021 17:16

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/12/2021 10:27

Lab File ID: 45231-03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.207	1.271		10.9	10.3	5.3	30.0
Dichlorodifluoromethane	Ave	3.804	3.603		9.89	10.4	-5.3	30.0
Freon 22	Ave	2.194	2.345		11.2	10.5	6.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.334	4.668		11.2	10.4	7.7	30.0
Chloromethane	Ave	1.237	1.311		11.6	10.9	6.0	30.0
n-Butane	Ave	1.688	1.978		12.1	10.4	17.2	30.0
Vinyl chloride	Ave	1.423	1.503		11.0	10.4	5.6	30.0
1,3-Butadiene	Ave	1.061	1.126		10.7	10.1	6.1	30.0
Bromomethane	Ave	1.305	1.454		11.5	10.3	11.4	30.0
Chloroethane	Ave	0.6302	0.6970		11.5	10.4	10.6	30.0
Isopentane	Ave	1.068	1.244		12.2	10.4	16.5	30.0
Bromoethene(Vinyl Bromide)	Ave	1.259	1.435		11.9	10.4	14.0	30.0
Trichlorofluoromethane	Ave	3.061	3.558		12.3	10.6	16.2	30.0
n-Pentane	Ave	1.686	1.851		11.1	10.1	9.8	30.0
Ethanol	Ave	0.5528	0.5870		15.9	15.0	6.2	30.0
Ethyl ether	Ave	0.7183	0.8123		11.4	10.1	13.1	30.0
Acrolein	Ave	0.4106	0.3557		8.42	9.72	-13.4	30.0
1,1-Dichloroethene	Ave	1.261	1.266		10.3	10.3	0.4	30.0
Freon TF	Ave	2.409	2.657		11.6	10.5	10.3	30.0
Acetone	Ave	1.365	1.646		12.3	10.2	20.6	30.0
Isopropyl alcohol	Ave	1.590	1.639		10.5	10.2	3.1	30.0
Carbon disulfide	Ave	3.197	3.201		10.2	10.2	0.1	30.0
Acetonitrile	Ave	0.5578	0.5871		10.4	9.90	5.3	30.0
3-Chloropropene	Ave	0.9764	1.088		11.9	10.6	11.4	30.0
Methylene Chloride	Ave	0.9697	1.069		11.3	10.3	10.3	30.0
tert-Butyl alcohol	Ave	1.944	2.088		11.6	10.8	7.4	30.0
Acrylonitrile	Ave	0.6159	0.6691		11.0	10.1	8.6	30.0
Methyl tert-butyl ether	Ave	3.029	3.415		11.8	10.4	12.7	30.0
trans-1,2-Dichloroethene	Ave	1.414	1.608		11.6	10.2	13.8	30.0
n-Hexane	Ave	1.385	1.530		11.7	10.6	10.4	30.0
Vinyl acetate	Ave	2.048	2.354		11.9	10.4	14.9	30.0
1,1-Dichloroethane	Ave	1.964	1.992		10.1	10.0	1.4	30.0
Methyl Ethyl Ketone	Ave	0.5359	0.5620		10.8	10.3	4.9	30.0
cis-1,2-Dichloroethene	Ave	1.362	1.298		9.62	10.1	-4.7	30.0
Ethyl acetate	Ave	0.1049	0.1045		10.1	10.1	-0.4	30.0
Tetrahydrofuran	Ave	0.1879	0.1982		10.5	9.99	5.5	30.0
Chloroform	Ave	2.331	2.620		11.4	10.1	12.4	30.0
1,1,1-Trichloroethane	Ave	0.5226	0.5866		11.4	10.2	12.2	30.0
Cyclohexane	Ave	0.3138	0.3299		10.7	10.1	5.2	30.0
Carbon tetrachloride	Ave	0.6082	0.6411		10.7	10.2	5.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Lab Sample ID: CCVIS 200-164985/3 Calibration Date: 03/19/2021 09:27

Instrument ID: CHX.i Calib Start Date: 02/11/2021 17:16

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/12/2021 10:27

Lab File ID: 45231-03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.7050	0.7408		10.9	10.3	5.1	30.0
1,2-Dichloroethane	Ave	0.2851	0.3327		12.1	10.4	16.7	30.0
2,2,4-Trimethylpentane	Ave	0.9498	1.035		11.4	10.5	9.0	30.0
n-Heptane	Ave	0.2986	0.3345		11.8	10.5	12.0	30.0
n-Butanol	Ave	0.1490	0.1492		9.56	9.55	0.1	30.0
Trichloroethene	Ave	0.3546	0.3420		10.2	10.5	-3.5	30.0
1,2-Dichloropropane	Ave	0.2293	0.2440		11.0	10.3	6.4	30.0
Methyl methacrylate	Ave	0.2395	0.2464		10.5	10.2	2.9	30.0
1,4-Dioxane	Ave	0.1461	0.1377		9.97	10.6	-5.7	30.0
Dibromomethane	Ave	0.4210	0.4354		10.7	10.3	3.4	30.0
Bromodichloromethane	Ave	0.4566	0.5117		11.8	10.6	12.1	30.0
cis-1,3-Dichloropropene	Ave	0.4078	0.4440		11.3	10.4	8.9	30.0
methyl isobutyl ketone	Ave	0.4009	0.4412		11.3	10.2	10.1	30.0
Toluene	Ave	0.6780	0.6939		10.4	10.2	2.3	30.0
n-Octane	Ave	0.4043	0.4594		11.7	10.3	13.6	30.0
trans-1,3-Dichloropropene	Ave	0.3576	0.3946		10.9	9.88	10.3	30.0
1,1,2-Trichloroethane	Ave	0.3022	0.3077		10.7	10.5	1.8	30.0
Tetrachloroethene	Ave	0.7523	0.7060		9.85	10.5	-6.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4535	0.4657		10.3	9.99	2.7	30.0
Dibromochloromethane	Ave	0.5577	0.6152		10.7	9.68	10.3	30.0
1,2-Dibromoethane	Ave	0.5294	0.5448		10.9	10.6	2.9	30.0
Chlorobenzene	Ave	0.8770	0.8893		10.6	10.5	1.4	30.0
Ethylbenzene	Ave	1.374	1.440		10.7	10.2	4.8	30.0
m,p-Xylene	Ave	0.5483	0.5767		21.6	20.6	5.2	30.0
n-Nonane	Ave	0.5113	0.5550		11.4	10.5	8.5	30.0
Xylene, o-	Ave	0.5046	0.5338		11.0	10.4	5.8	30.0
Styrene	Ave	0.7261	0.7863		11.2	10.3	8.3	30.0
Bromoform	Ave	0.2038	0.2647		13.4	10.3	29.9	30.0
Cumene	Ave	1.443	1.545		11.2	10.4	7.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6512	0.6975		11.1	10.3	7.1	30.0
1,2,3-Trichloropropane	Ave	0.4860	0.5170		11.3	10.6	6.4	30.0
n-Propylbenzene	Ave	1.470	1.592		11.3	10.4	8.3	30.0
2-Chlorotoluene	Ave	0.9667	1.032		11.1	10.4	6.7	30.0
4-Ethyltoluene	Ave	1.259	1.366		11.2	10.3	8.5	30.0
1,3,5-Trimethylbenzene	Ave	1.145	1.243		11.3	10.4	8.5	30.0
n-Decane	Ave	0.5841	0.6538		11.7	10.4	11.9	30.0
Alpha Methyl Styrene	Ave	0.4819	0.5384		11.4	10.2	11.7	30.0
tert-Butylbenzene	Ave	1.511	1.615		11.1	10.4	6.8	30.0
1,2,4-Trimethylbenzene	Ave	1.028	1.134		11.5	10.4	10.3	30.0
sec-Butylbenzene	Ave	1.764	1.905		11.3	10.5	8.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Lab Sample ID: CCVIS 200-164985/3 Calibration Date: 03/19/2021 09:27

Instrument ID: CHX.i Calib Start Date: 02/11/2021 17:16

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 02/12/2021 10:27

Lab File ID: 45231-03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	0.6588	0.7003		11.2	10.6	6.3	30.0
4-Isopropyltoluene	Ave	1.390	1.507		11.2	10.3	8.4	30.0
1,4-Dichlorobenzene	Ave	0.5964	0.6299		11.1	10.5	5.6	30.0
Benzyl chloride	Ave	0.5581	0.5807		11.0	10.6	4.1	30.0
n-Butylbenzene	Ave	0.9146	1.014		11.5	10.4	10.9	30.0
1,2-Dichlorobenzene	Ave	0.6304	0.6701		11.1	10.4	6.3	30.0
n-Undecane	Ave	0.6139	0.6693		11.4	10.5	9.0	30.0
n-Dodecane	Ave	0.5188	0.6415		11.6	9.36	23.7	30.0
1,2,4-Trichlorobenzene	Ave	0.2951	0.3233		11.9	10.9	9.5	30.0
Hexachlorobutadiene	Ave	0.996	1.112		11.4	10.3	11.6	30.0
Naphthalene	Ave	0.5482	0.6207		11.0	9.72	13.2	30.0
1,2,3-Trichlorobenzene	Ave	0.3332	0.3632		9.94	9.12	9.0	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Instrument ID: CHX.i Start Date: 02/11/2021 14:44

Analysis Batch Number: 163886 End Date: 02/12/2021 10:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-163886/1		02/11/2021 14:44	1	44792-01a.D	RTX-624 0.32(mm)
IC 200-163886/4		02/11/2021 17:16	1	44792-04.D	RTX-624 0.32(mm)
IC 200-163886/6		02/11/2021 19:01	1	44792-06.D	RTX-624 0.32(mm)
ZZZZZ		02/11/2021 19:01	1		RTX-624 0.32(mm)
IC 200-163886/7		02/11/2021 19:53	1	44792-07.D	RTX-624 0.32(mm)
ZZZZZ		02/11/2021 19:53	1		RTX-624 0.32(mm)
ICIS 200-163886/8		02/11/2021 20:46	1	44792-08.D	RTX-624 0.32(mm)
IC 200-163886/9		02/11/2021 21:39	1	44792-09.D	RTX-624 0.32(mm)
IC 200-163886/12		02/12/2021 00:17	1	44792-12.D	RTX-624 0.32(mm)
IC 200-163886/13		02/12/2021 01:09	1	44792-13.D	RTX-624 0.32(mm)
IC 200-163886/21		02/12/2021 10:27	1	44792-21.D	RTX-624 0.32(mm)
ZZZZZ		02/12/2021 10:27	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Instrument ID: CHX.i Start Date: 02/12/2021 12:12

Analysis Batch Number: 163932 End Date: 02/13/2021 04:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-163932/1		02/12/2021 12:12	1	44806-01.D	RTX-624 0.32(mm)
ICV 200-163932/2		02/12/2021 12:59	1	44806-02.D	RTX-624 0.32(mm)
CCVIS 200-163932/3		02/12/2021 13:52	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2021 14:44	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2021 15:38	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2021 16:30	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2021 17:24	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2021 18:19	4.2		RTX-624 0.32(mm)
ZZZZZ		02/12/2021 19:13	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2021 20:06	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2021 20:59	5.7		RTX-624 0.32(mm)
ZZZZZ		02/12/2021 21:52	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2021 22:44	1		RTX-624 0.32(mm)
ZZZZZ		02/12/2021 23:37	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2021 00:30	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2021 01:23	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2021 02:15	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2021 03:08	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2021 04:01	1		RTX-624 0.32(mm)
ZZZZZ		02/13/2021 04:54	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-57640-1

SDG No.:

Instrument ID: CHX.i Start Date: 03/19/2021 07:47

Analysis Batch Number: 164985 End Date: 03/20/2021 07:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-164985/1		03/19/2021 07:47	1	45231-01.D	RTX-624 0.32(mm)
CCVIS 200-164985/3		03/19/2021 09:27	1	45231-03.D	RTX-624 0.32(mm)
LCS 200-164985/4		03/19/2021 10:20	1	45231-04.D	RTX-624 0.32(mm)
MB 200-164985/5		03/19/2021 11:13	1	45231-05.D	RTX-624 0.32(mm)
200-57640-12	4350	03/19/2021 12:07	0.2	45231-06.D	RTX-624 0.32(mm)
ZZZZZ		03/19/2021 13:01	106		RTX-624 0.32(mm)
ZZZZZ		03/19/2021 13:53	10		RTX-624 0.32(mm)
ZZZZZ		03/19/2021 14:46	2		RTX-624 0.32(mm)
ZZZZZ		03/19/2021 15:39	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2021 16:32	10		RTX-624 0.32(mm)
ZZZZZ		03/19/2021 17:24	10		RTX-624 0.32(mm)
ZZZZZ		03/19/2021 18:17	10		RTX-624 0.32(mm)
ZZZZZ		03/19/2021 19:10	10		RTX-624 0.32(mm)
ZZZZZ		03/19/2021 20:02	4		RTX-624 0.32(mm)
ZZZZZ		03/19/2021 20:55	5		RTX-624 0.32(mm)
ZZZZZ		03/19/2021 21:48	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2021 22:40	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2021 23:33	1		RTX-624 0.32(mm)
ZZZZZ		03/20/2021 00:25	1		RTX-624 0.32(mm)
ZZZZZ		03/20/2021 01:18	1		RTX-624 0.32(mm)
ZZZZZ		03/20/2021 02:10	1		RTX-624 0.32(mm)
ZZZZZ		03/20/2021 03:03	10		RTX-624 0.32(mm)
ZZZZZ		03/20/2021 03:56	10		RTX-624 0.32(mm)
ZZZZZ		03/20/2021 04:48	20.1		RTX-624 0.32(mm)
ZZZZZ		03/20/2021 05:41	81.9		RTX-624 0.32(mm)
ZZZZZ		03/20/2021 06:34	10		RTX-624 0.32(mm)
ZZZZZ		03/20/2021 07:27	1		RTX-624 0.32(mm)

Shipping and Receiving Documents

AIR

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

eurofins | Environment Testing America

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Client Contact Information		Client Project Manager: Colleen Griffiths	Samples Collected By: Greg Baird	COC No: 1 of 1 COCs
Company Name: AKRF, Inc		Phone: 914-922-2363		TALS Project #:
Address: 34 South Broadway		Email: cgriffiths@akrf.com		For Lab Use Only:
City/State/Zip White Plains, NY		Site Contact: G. Baird		Walk-in Client:
Phone: 914-922-2363		Tel/Fax 646-823-5472		Lab Sampling:
FAX:		Analysis Turnaround Time		Job / SDG No.:
Project Name: Brookfield Commons		Standard (Specific): 5 Day		(See below for Add'l Items)
Site/Location: 159 S. Lexington Ave, White Plains		Rush (Specifiy):		
PO# 240122				

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
AA-01_20210428	4/28/21	1041	4/28/21	1056	-30	-5	2996	2938		X							X						Canister - 24 hr in 15 minutes
SV-01_20210428		1052		1252	-30	-8	3133	2706		X									X				
SV-02_20210428		1045		1245	-30	-6	6228	2971		X									X				
SV-03_20210428		1048		1248	-30	-9	5218	5975		X									X				
SV-04_20210428		1038		1238	-28	-5	6081	3500489		X									X				

Temperature (Fahrenheit)			
Start	Interior	Ambient	61
Stop			75

Pressure (inches of Hg)			
Start	Interior	Ambient	29.81
Stop			

200-58258 Chain of Custody

ELMSFORD 272

Special Instructions/QC Requirements & Comments:

CAT B / EQUIS

Samples Shipped by:	Date / Time: 4/28/21	Samples Received by:	4/28/21 14:00
Samples Relinquished by:	Date / Time: 4/28/21 17:00	Received by:	4/29/21 10:45
Relinquished by:	Date / Time:	Received by:	
Lab Use Only: Shipper Name:	Opened by:	Condition:	

TABWP1

Form No. CA-C-WI-003, Rev. 2.27, dated 12/15/2020

ORIGIN ID:NESA (917) 801-9866
CARLYLE WRIGHT
200 CLEARBROOK RD
SUITE 140
ELMSFORD, NY 10523
UNITED STATES US

SHIP DATE: 28APR21
ACTWGT: 30.00 LB
CAD: 112977992/INET4340
DIMS: 24x24x24 IN
BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TEST AMERICA
530 COMMUNITY DRIVE STE 11

SOUTH BURLINGTON VT 05403
(802) 660-1990
INV:
PO:
REF:
DEPT:

56DJ3/F9A6/FE4A

FedEx Express

J2112210331Uu

THU - 29 APR 10:30A
PRIORITY OVERNIGHT

1 of 2
TRK# 0201 **7735 7678 0320**
MASTER

NL BTVA

DSR
05403
BTV
VT-US

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.
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ORIGIN ID:NESA (917) 801-9866
CARLYLE WRIGHT

200 CLEARBROOK RD
SUITE 140
ELMSFORD, NY 10523
UNITED STATES US

SHIP DATE: 28APR21
ACTWGT: 15.00 LB
CAD: 112977992/INET4340
DIMS: 12x12x24 IN

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TEST AMERICA
530 COMMUNITY DRIVE STE 11

SOUTH BURLINGTON VT 05403
(802) 660-1990 REF:
INV:
PO: DEPT:

560J3/F9A6/FE4A

FedEx Express

J211321023310fuv

THU - 29 APR 10:30A
PRIORITY OVERNIGHT

2 of 2
MPS# 7735 7678 0168
0263
Mstr# 7735 7678 0320

0201

DSR
05403
VT-US **BTV**

NL BTVA

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Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 200-58258-1

Login Number: 58258
List Number: 1
Creator: Lavigne, Scott M

List Source: Eurofins TestAmerica, Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Seal present with no number.
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	